Agenda of Regular Meeting

The Board of Trustees
El Campo Independent School District

A Regular Meeting of the Board of Trustees of El Campo Independent School District will be held August 25, 2020, beginning at 7:00 PM in the ECHS Auditorium, 600 West Norris, El Campo, Texas 77437.

The subjects to be discussed are as listed below.

1. Call to Order/Opening Prayer/Pledge of Allegiance

Notice: Pursuant to the Governor Abbott's Temporary Suspension of Open Meetings Laws issued on March 16, 2020, to advance the public health goal of limiting face to face meetings (also called "social distancing"), this meeting may be documented via telephone conference or videoconference, which will be audible to the Board and public and allow for two-way communication. The Board President, presiding officer or trustees may not be physically present at one location but a quorum will be required for the meeting on the videoconference or phone.

The public may access this meeting: See Meeting ID below and or Phone Number. An electronic copy of the agenda packet may be viewed at the following link **www.ecisd.org**. A recording of the meeting will be available for viewing on the District's website.

If you wish to address the Board of Trustees on an agenda or non-agenda topic for regular meetings or an agenda item the President or designee will call for public comments at the beginning of the meeting. All other public comment rules will be followed. After the close of public comment, the Board will proceed with the rest of the agenda that may be viewed or heard by the public online or on the phone.

Meeting ID
meet.google.com/knj-edcm-xog

Phone Numbers
(US)+1 401-753-9568
PIN: 740 254 470#

2. Public Comment
3. Recognition
4. **Consent Agenda**
   A. Governance
      1. Consider Approval of Minutes 4

         a. July 28, 2020 - Regular
         b. August 11, 2020 - Special

2. Consider Approval of TASB Policy Update 115 affecting local policies 12
AF - BQB

B. Business and Support Services

1. Review of Monthly Financial Reports 102
2. Review of Checks Written for the Month of July, 2020. 110
3. Consider Approval of TASB Unemployment Compensation Coverage Renewal. 125
4. Consider Approval of Resolution to Commit Fund Balance. 134
5. Review of SZH Invoices 137
6. Consider and Approve Revision to Local Policy 140
DIA (EXHIBIT)
FB (EXHIBIT)
FFH (EXHIBIT)

C. Personnel

D. Curriculum and Instruction 143

1. Annual Approval of T-TESS Certified Appraisers for 20-21
2. Consider Approval 4-H as an Extracurricular Activity and Adjunct Faculty 146

E. Students

5. **Presentation Items**

A. Governance

B. Business and Operations

C. Curriculum and Instruction

6. **Discussion and Action Items**

A. Curriculum and Instruction

B. Business and Operations

1. Discuss and Consider Approval of Final Budget Amendments for FY 2019-2020. 154
2. Discuss and Consider Approval of Resolution to Adopt 2020-2021 General Operating Budget. 156
3. Discuss and Consider Approval of Ordinance Setting the M&O and I&S Tax Rates for FY 2020-2021. 173
4. Review of Special Revenue Budgets for FY 2020-2021. 176
5. Discussion of El Campo ISD Weight Room Project 178

C. Governance

7. **Review Items**

A. Curriculum and Instruction

B. Business and Operations

C. Governance

8. **Closed Session:**

A. Texas Government Code § 551.074 (1) PERSONNEL MATTERS, to Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of a Public Officer or Employee

9. **Personnel**

10. **Superintendent's Report**

A. Governance

B. Business and Support Services
    1. Extra-Curricular Attendance Procedures
C. Personnel
D. Curriculum and Instruction
    1. First Week Student Totals
E. Students
F. Community and Governmental Relations
    1. Board, Superintendent and District Goal Setting

11. Adjournment

If, during the course of the meeting, discussion of any item on the agenda should be held in a closed meeting, the Board will conduct a closed meeting in accordance with the Texas Open Meetings Act, Government Code, Chapter 551, Subchapters D and E. Before any closed meeting is convened, the presiding officer will publicly identify the section or sections of the Act authorizing the closed meeting. All final votes, actions, or decisions will be taken in open meeting.

The notice for this meeting was posted in compliance with the Texas Open Meeting Act on Friday, August 21, 2020 at 5:00 p.m..

_____
For the Board of Trustees

Action Required

Recommendation:	Minutes of Previous Meetings
Impact/Rationale:	
Program Description/Summary:	According to policy BE (LOCAL), BOARD MEETINGS, MINUTES, board action shall be carefully recorded by the secretary or clerk; when approved, and these minutes shall serve as the legal record of official Board actions. The written minutes of all meetings shall be approved by vote of the Board and signed by the President and the Secretary of the Board.
ECISD Board Policy	BE (LOCAL), BOARD MEETINGS
Effective Date	August 25, 2020
Previous Board Action	The Board approves minutes at each regular monthly meeting.
Future Action Expected	None.
Background Information and Significant Issues	
Attachments	July 28, 2020 - Regular August 11, 2020 – Special
Submitted By	Vicky Limas, Secretary to the Superintendent
Recommended for Approval	Motion, second and majority vote to approve the minutes.
Kelly Waters, Superintendent of Schools	I recommend you approve the minutes of previous meetings as part of the Consent Agenda.

Minutes of Regular Meeting
The Board of Trustees
El Campo Independent School District

A Regular Meeting of the Board of Trustees of El Campo Independent School District was held Tuesday, July 28, 2020, beginning at 7:00 PM in the ECHS Auditorium, 600 West Norris, El Campo, Texas 77437.

Google Meeting ID
https://meet.google.com/mdd-ypja-jgf

Phone Number
(US) +1 402-856-0282
PIN: 204 357 409#

MEMBERS PRESENT: Greg Anderson, Anthony Dorotik, Dennis Rawlings, James Russell, Susan Nohavitza, Rich DuBroc, Ed Erwin

MEMBERS ABSENT: None

OTHERS PRESENT: Bob Callaghan, David Bright, Dolores Trevino, Alicia Stary, Vicky Limas, Chris Skinner, Mark Freeman, Demetric Wells, Elizabeth Tupa, Kristy Mamerow, Kyle Poenitzsch, Wayne Condra, Ashley Barnes, Sam Wortham, Angela Peters, Brenda Tomanek, Joyce Kahanek, Glenna Bechdol, Rachel Dluhos, Wade Zimmer, James Halliburton

Board President, James Russell called the meeting to order at 7:01 p.m. James Russell gave the opening prayer followed by the Pledge of Allegiance. There was a quorum present.

PUBLIC COMMENT: NONE

RECOGNITION: NONE

CONSENT AGENDA: A motion was made by Susan Nohavitza and a second by Ed Erwin to approve the consent agenda. Motion passed 7-0.

A. Governance
    1. Consider Approval of Minutes – no minutes to approve
B. Business and Support Services
    1. Review of Monthly Financial Reports
    2. Review of Checks Written for the Month of June 2020
    3. Review of SZH Invoices
    4. Budget Amendment(s)
C. Personnel
D. Curriculum and Instruction
E. Students

DRAFT

PRESENTATION ITEMS

A. Governance
B. Business and Operations
   1. Review Preliminary General Operating Budget for FY2020-21
C. Curriculum and Instruction

DISCUSSION AND ACTION ITEMS

A. Curriculum and Instruction
   1. 2020-2021 Gifted and Talented Plan

A motion was made by Susan Nohavitza and a second motion was made by Greg Anderson to approve the ECISD 2020-21 Gifted and Talented Plan as presented. Motion passed 7-0.

   2. Student Handbook
      a. Student Handbook

A motion was made by Rich DuBroc and a second by Dennis Rawlings to approve and ammend adding community tshirts to the student handbook. Motion passed 7-0.

   3. Discuss and Consider Modifications to the 2020-21 Academic Calendar

A motion was made by Dennis Rawlings and a second motion was made by Greg Anderson to approve the modifications to the 2020-21 Academic Calendar with August 19, 2020 as the start date for students and May 27, 2021 for the ending date and graduation on May 21, 2020. Motion passed 7-0.

B. Business and Operations
   1. Discuss and Consider Approval of 2020-21 Compensation Plan.

A motion was made by Anthony Dorotik and a second by Rich DuBroc to approve the 2020-21 Compensation Plan of 2 ½ % of the midpoint of each paygrade. Motion passed 7-0.

   2. Consider Approval of Proposed 2020-21 Tax Rates for Publication of "Notice of Public Meeting to Discuss Budget and Proposed Tax Rate".

A motion was made by Ed Erwin and a second by Anthony Dorotik to approve the 2020-21 Tax Rates for Publication of Notice of Public Meeting and Proposed Tax Rate. Motion passed 7-0.

   3. Consider Approval of Date and Time for Public Hearing (Meeting) to Discuss Proposed Budget and Tax Rates for 2020-21.

A motion was made by Ed Erwin and a second by Greg Anderson to approve August 25, 2020 at 6:45 for Public Hearing Meeting for the Proposed Budget and Tax Rates for 2020-21. Motion passed 7-0.

DRAFT

4. Discuss and Consider Approval of Multi-Year Interlocal Addendum to continue our membership with Property Casualty Alliance of Texas (PCAT) for insurance coverage.

A motion was made by Anthony Dorotik and a second motion was made by Rich DuBroc to approve the Multi – Year Interlocal Addendum for membership with Property Casualty Alliance of Texas (PCAT) for insurance coverage. Motion passed 7-0.

A motion was made by Rich DuBroc and a second by Greg Anderson to approve extra trip pay for bus drivers for wait time on field trips. Motion passed 7-0.

C. Personnel
   1. Employee Handbook
      a. Employee Handbook

A motion was made by Susan Nohavitza and a second by Ed Erwin to approve the Employee Handbook. Motion passed 7-0.

D. Governance
E. Discuss and Consider Approval of Design Development Documents for the High School Weight Room Project. SZH Architects.

A motion was made by Rich DuBroc and a second by Anthony Dorotik to approve the Design Development Documents for the High School Weight Room. Motion passed 6-0-1 with Dennis Rawlings against.

REVIEW ITEMS

A. Curriculum and Instruction
B. Business and Operations
C. Governance

CLOSED SESSION

Texas Government Code § 551.074 (1) PERSONNEL MATTERS, to Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of a Public Officer or Employee.

The President of the Board called for an Executive Session in accordance with Texas Government code § 551.074 (1) PERSONNEL MATTERS to Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of a Public Officer or Employee. The Board entered Closed Session at 8:27 p.m. and reconvened in Open Session at 9:27 p.m.

PERSONNEL

SUPERINTENDENT'S REPORT

A. Governance
B. Business and Support Services
C. Personnel
D. Curriculum and Instruction

DRAFT

a. Students
b. Community and Governmental Relations

There being no further business, the meeting adjourned at 9:27 p.m.

_____
President, James Russell

_____
Secretary, Greg Anderson

DRAFT

Agenda of Special Board Meeting

The Board of Trustees
El Campo Independent School District

A Special Board Meeting of the Board of Trustees of El Campo Independent School District will be held August 11, 2020, beginning at 6:00 PM in the ECHS Auditorium, 600 West Norris, El Campo, Texas 77437.

The subjects to be discussed are as listed below.

MEMBERS PRESENT: Dennis Rawlings, Susan Nohavitza, Rich DuBroc, and Greg Anderson was online

MEMBERS ABSENT: James Russell, Anthony Dorotik, Ed Erwin

James Russell arrived at 6:11 p.m.

OTHERS PRESENT: Bob Callaghan, David Bright, Dolores Trevino, Alicia Stary, Vicky Limas, Chris Skinner,

Trustee, Dennis Rawlings called the meeting to order at 6:07 p.m. Rich DuBroc gave the opening prayer followed by the Pledge of Allegiance. There was a quorum present.

Notice: Pursuant to the Governor Abbott's Temporary Suspension of Open Meetings Laws issued on March 16, 2020, to advance the public health goal of limiting face to face meetings (also called "social distancing"), this meeting may be documented via telephone conference or videoconference, which will be audible to the Board and public and allow for two-way communication. The Board President, presiding officer or trustees may not be physically present at one location but a quorum will be required for the meeting on the videoconference or phone.

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Meeting ID	Phone Number
meet.google.com/ivb-uvbd-jzw	**(US)+1 225-414-2638 PIN: 503 444 639#**

DRAFT

PUBLIC COMMENT: NONE

CONSENT AGENDA: A motion was made by Susan Nohavitza and a second by Rich DuBroc to approve the consent agenda. Motion passed 4-0-3 with James Russell, Anthony Dorotik and Ed Erwin absent.

A. Governance
1. Consider Approval of Minutes
June 23, 2020
July 2, 2020
July 20, 2020

PRESENTATION ITEMS

A. Governance
B. Business and Operations
1. Review and Discuss Preliminary 2020-21 General Operating Budget
2. Review and Discuss General Fund - Fund Balance Projection
C. Curriculum and Instruction

DISCUSSION AND ACTION ITEMS

A. Curriculum and Instruction
1. Discuss and Approve Interlocal Acquisition Agreement with ESC4 as agent for TEA for the purpose of participating in the Bulk Purchase Program of Operation Connectivity.

A motion was made by Rich DuBroc and a second by Dennis Rawlings to approve the Interlocal Agreement with ESC4 agent for TEA for the purpose of particpating in the Bulk Purchase Program of Operation Connectivity. Motion passed 5-0.

B. Business and Operations
1. Discussion and Possible Approval to Purchase "Bipolar Ionization Technology" products known as "Ionizers" to be installed throughout the district in the HVAC Systems.

A motion was made by Rich DuBroc and a second by Susan Nohavitza to approve the purchase for "Bipolar Ionization Technology" products known as "Ionizers" to be installed throughout the district in the HVAC systems. Motion passed 5-0.

C. Governance

REVIEW ITEMS

A. Curriculum and Instruction
B. Business and Operations
C. Governance

DRAFT

CLOSED SESSION: Texas Government Code § 551.074 (1) PERSONNEL MATTERS, to Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of a Public Officer or Employee.

The President of the Board called for an Executive Session in accordance with Texas Government code § 551.074 (1) PERSONNEL MATTERS to Deliberate the Appointment, Employment, Evaluation, Reassignment, Duties, Discipline, or Dismissal of a Public Officer or Employee. The Board entered Closed Session at 6:41 p.m. and reconvened in Open Session at 7:51 p.m.

PERSONNEL

A. Human Resource Update

A motion was made by Dennis Rawlings and a second by Rich DuBroc to approve the Superintendents personnel recommendation. Motion passed 5-0.

- **Gary Figirova – Dual Probationary Contract – Teacher/Coach – ECHS**
- **Valerie Coffman – Administrative Contract – Special Ed Coordinator**
- **Steven Hearn – Term Contract – Teacher – Myatt**
- **Kathryn Blackburn – Asst. Band Director Stipend – Middle School**

There being no further business, the meeting was adjourned at 7:55 p.m.

_____ _____

President, James Russell Secretary, Greg Anderson

DRAFT

Explanatory Notes

TASB Localized Policy Manual Update 115

El Campo ISD

ATTN(NOTE) GENERAL INFORMATION ABOUT THIS UPDATE

Update 115 includes new Title IX regulations, effective August 14, 2020, which define sexual harassment under Title IX and establish detailed procedures for how districts must respond to notice or allegations of sexual harassment. The final Title IX regulations and related materials are available on the U.S. Department of Education Office for Civil Rights website.

Multiple changes at Update 115 are based on legislation from the Regular Session of the 86th Texas Legislature that impose changes effective with the 2020–21 school year. Unless otherwise noted, references to legislative bills throughout these explanatory notes refer to Senate Bills (SB) or House Bills (HB) from the 86th Legislature.

An overview video of the local policy changes is available under Policy Manual Update Resources in the myTASB Policy Service Resource Library. **(LEGAL) policies provide the legal framework for key areas of district operations; they are not adopted by the board.**

AF(LEGAL) INNOVATION DISTRICTS

Revisions to the Administrative Code, effective January 2020:

- Specify that an innovation district may not be exempted from Education Code Chapters 48 (Foundation School Program) and 49 (Options for Local Revenue Levels in Excess of Entitlement); and
- Authorize the commissioner to terminate district of innovation status for a district's failure to comply with the duty to discharge or refuse to hire certain employees or applicants as required by state law.

AIA(LEGAL) ACCOUNTABILITY: ACCREDITATION AND PERFORMANCE INDICATORS

Administrative rule changes, effective August 2019, specify that districts with a local accountability system must use the local accountability system rating standards established by the commissioner. These standards will be updated annually and published in the *Local Accountability System Manual.*

Definitions for the various accreditation statuses have also been added.

AIB(LEGAL) ACCOUNTABILITY: PERFORMANCE REPORTING

TEA has renamed the Performance-Based Monitoring Analysis System (PBMAS) to the Results Driven Accountability (RDA) system, effective December 3, 2019. This was to align with the Office of Special Education Programs (OSEP) framework.

AIC(LEGAL) ACCOUNTABILITY: INTERVENTIONS AND SANCTIONS

Beginning with the 2020–21 school year, HB 4205 creates a new option for campuses that are required to submit campus turnaround plans—an accelerated campus excellence (ACE) turnaround plan. The commissioner is required to approve an ACE turnaround plan if the commissioner determines that the plan meets the statutory requirements.

Other changes are from revised Administrative Code rules, effective March 31, 2020. The rules clarify interventions and sanctions provisions, including campus intervention team membership and participation and campus turnaround plan submission, approval, and implementation processes.

Additional detail has been included about the required notice the campus intervention team must provide regarding the public meeting for soliciting input on development of a targeted improvement plan.

BQB(LEGAL) PLANNING AND DECISION-MAKING PROCESS: CAMPUS-LEVEL

Provisions on the campus-level decision-making committee's responsibilities have been revised to better match statute.

Definitions

"District-level committee" means the committee established under Education Code 11.251, or a comparable committee if the district is exempted (or has exempted itself) from this provision.

"Innovation plan committee" means a committee appointed by the board of trustees to develop the innovation plan in accordance with statutory requirements. The district-level committee may also serve in this role.

"Public hearing" means an open meeting held by the board of trustees that allows members of the public to hear facts about the proposed plan and designation and provides the opportunity for the public to give opinions and comments on the proposed actions.

"Public meeting" means an open meeting held by the board of trustees that allows members of the public to hear facts about the proposed plan and designation.

"Unacceptable academic performance rating" means a rating of Improvement Required or Unacceptable Performance or as otherwise indicated in the applicable year's academic accountability manual.

"Unacceptable financial accountability rating" means a Financial Integrity Rating System of Texas (FIRST) rating of Substandard Achievement as indicated in the applicable year's financial accountability system manual.

19 TAC 102.1301

District of Innovation

A district is eligible for designation as a district of innovation if the district's most recent performance rating under Education Code 39.054 reflects at least acceptable performance.

A board may not vote on the final approval of the innovation plan if the district is assigned either a final or preliminary rating below acceptable performance. In the event the preliminary rating is changed, the board may then vote to become an innovation district.

Consideration of designation as a district of innovation may be initiated by a resolution adopted by the board or a petition signed by a majority of the members of the district-level committee [see BQA].

Education Code 12A.001; 19 TAC 102.1303

Public Hearing

After adopting a resolution or receiving a petition for consideration as a district of innovation, a board shall hold a public hearing as soon as possible, but not later than 30 days, to consider whether the district should develop a local innovation plan for the designation of the district as a district of innovation.

At the conclusion of the public hearing or within 30 days after conclusion of the public hearing, the board may decline to pursue designation of the district as a district of innovation or appoint a committee to develop a local innovation plan.

The board may outline the parameters around which the innovation plan committee may develop the plan.

Education Code 12A.002; 19 TAC 102.1305

Local Innovation Plan

A local innovation plan meeting all legal requirements must be developed for a district before the district may be designated as a district of innovation.

The local innovation plan must provide for a comprehensive educational program for the district, which program may include:

1. Innovative curriculum, instructional methods, and provisions regarding community participation, campus governance, and parental involvement;
2. Modifications to the school day or year [see EB, EC];
3. Provisions regarding the district budget and sustainable program funding;
4. Accountability and assessment measures that exceed the requirements of state and federal law; and
5. Any other innovations prescribed by the board of trustees.

The plan must also identify requirements imposed by the Education Code that inhibit the goals of the plan and from which the district should be exempted on adoption of the plan, subject to Education Code 12A.004. [See Exceptions, below]

The commissioner of education shall maintain a list of provisions from which designated districts of innovation are exempt. The commissioner shall notify the legislature of each provision from which districts enrolling a majority of students in this state are exempt.

Education Code 12A.003, .004(b); 19 TAC 102.1305(d)

Prohibited Exemptions

A local innovation plan may not provide for the exemption of a district designated as a district of innovation from the provisions listed in Education Code 12A.004 and 19 Administrative Code 102.1309. *Education Code 12A.004; 19 TAC 102.1309*

An innovation district may not be exempted from the following sections of the Education Code and the rules adopted thereunder:

1. A state or federal requirement, imposed by statute or rule, applicable to an open-enrollment charter school operating under

Education Code Chapter 12, Subchapter D, including, but not limited to, the requirements listed in Education Code 12.104(b), and:

a. Education Code Chapter 22, Subchapter B;

b. Education Code Chapter 25, Subchapter A, sections 25.001, .002, .0021, .0031, and .004;

c. Education Code Chapter 28, sections 28.002, .0021, .0023, .005, .0051, .006, .016, .0211, .0213, .0217, .025, .0254, .02541, .0255, .0258, .0259, and .026;

d. Education Code Chapter 29, Subchapter G;

e. Education Code Chapter 30, Subchapter A;

f. Education Code 30.104;

g. Education Code Chapter 34;

h. Education Code Chapter 37, sections 37.006(l), .007(e), .011, .012, .013, and .020; and

i. Education Code Chapter 39;

2. Education Code Chapter 11, Subchapters A, C, D, and E, except that a district may be exempt from Education Code 11.1511(b)(5) and (14) and 11.162;

3. Education Code Chapter 13;

4. Education Code Chapter 41;

5. Education Code Chapter 42;

6. Education Code Chapter 44, sections 44.0011, .002, .003, .004, .0041, .005, .0051, .006, .007, .0071, .008, .009, .011, .0312, .032, .051, .052, .053, and .054;

7. Education Code Chapter 45, sections 45.003, .0031, .005, .105, .106, .202, and .203;

8. Education Code Chapter 46;

9. Education Code Chapter 48; and

10. Education Code Chapter 49.

In addition to the prohibited exemptions specified above, an innovation district may not be exempted from:

1. A requirement of a grant or other state program in which the district voluntarily participates;

2. Duties that the statute applies to the execution of that power if a district chooses to implement an authorized power that is optional under the terms of the statute; and

3. Requirements imposed by provisions outside the Education Code, including requirements under Government Code Chapter 822.

19 TAC 102.1309; Education Code 12A.004

Adoption of Local Innovation Plan

The board may not vote on adoption of a proposed local innovation plan unless:

1. The final version of the proposed plan has been available on the district's website for at least 30 days;

2. The board has notified the commissioner of the board's intention to vote on adoption of the proposed plan; and

3. The district-level committee [see BQA] has held a public meeting to consider the final version of the proposed plan and has approved the plan by a majority vote of the committee members. The public meeting may occur at any time, including up to or on the same date at which the board intends to vote on final adoption of the proposed plan.

The board may adopt a proposed local innovation plan by an affirmative vote of two-thirds of the membership of the board.

On adoption of a local innovation plan, the district is designated as a district of innovation for the term specified in the plan, but no longer than five calendar years, and shall begin operation in accordance with the plan. In addition, the district is exempt from state requirements identified under Education Code 12A.003(b)(2). [See Local Innovation Plan, above]

The district shall notify the commissioner of approval of the plan along with a list of approved exemptions by completing the agency's form provided at 19 Administrative Code 102.1307(d).

A district's exemption under the plan includes any subsequent amendment or redesignation of an identified state requirement, unless the subsequent amendment or redesignation specifically applies to an innovation district.

The district shall ensure that a copy of the plan is posted on the district's website in accordance with Education Code 12A.0071, for the term of the designation as an innovation district.

Education Code 12A.005; 19 TAC 102.1307

Notice to TEA	Not later than the 15th day after the date on which the board finalizes a local innovation plan either through adoption, amendment, or renewal, the district shall provide a copy of the current local innovation plan to TEA, which shall promptly post the current local innovation plan on the agency's website. *Education Code 12A.0071(b); 19 TAC 102.1307(g)*
Term	The term of a district's designation as a district of innovation may not exceed five years and is effective upon district approval and notification of the plan to the Texas Education Agency (TEA). A district may only have one innovation plan at any given time. *Education Code 12A.006; 19 TAC 102.1311*
Amendment, Rescission, or Renewal of Local Innovation Plan	A local innovation plan may be amended, rescinded, or renewed if the action is approved by a vote of the district-level committee [see BQA] and a two-thirds majority vote of the board of trustees. An amendment to an approved plan does not change the date of the term of designation as an innovation district. Exemptions that were already formally approved are not required to be reviewed. A district must notify TEA within five business days of rescission and provide a date at which time it will be in compliance with all sections of the Education Code, but no later than the start of the following school year. During renewal, all sections of the plan and exemptions shall be reviewed, and the district must follow all components outlined in 19 Administrative Code 102.1307 relating to Adoption of Local Innovation Plans. The district shall notify the commissioner of any actions taken along with the associated exemptions and local approval dates. *Education Code 12A.007; 19 TAC 102.1313*
Website Posting	A district designated as a district of innovation shall ensure that a copy of the district's current local innovation plan is available to the public by posting and maintaining the plan in a prominent location on the district's internet website. *Education Code 12A.0071(a); 19 TAC 102.1307(f)* The district's innovation plan must be clearly posted on the district's website for the term of the designation as an innovation district. *19 TAC 102.1307(f)*
Criminal History Background Checks	A prohibition, restriction, or requirement imposed by Education Code Chapter 22, Subchapter C (district employee and volunteer criminal history records), applies to the same extent to a district of innovation or other charter entity.

The failure of a district of innovation to provide information required under Education Code 22.0832 (National Criminal History Record Information Review of Certain Open-Enrollment Charter School Employees) may result in termination of the district's designation as a district of innovation.

Education Code 22.0815(b)–(c)

Termination by Commissioner

Discretionary Termination

The commissioner may terminate a district's designation as a district of innovation if the district receives for two consecutive school years:

1. A final unacceptable academic performance rating under Education Code 39.054;
2. A final unacceptable financial accountability rating under Education Code 39.082; or
3. A final unacceptable academic performance rating under Education Code 39.054 for one of the school years and an unacceptable financial accountability rating under Education Code 39.082 for the other school year.

The commissioner may permit the district to amend the local innovation plan to address concerns specified by the commissioner in lieu of terminating the district's designation.

Education Code 12A.008(a)–(b); 19 TAC 102.1315(a)(1)–(a)(2)

The commissioner may terminate a district's designation as a district of innovation if the district fails to comply with the duty to discharge or refuse to hire:

1. Certain employees or applicants for employment under Education Code 12.1059;
2. Certain employees or applicants convicted of certain offenses under Education Code 22.085; or
3. Certain employees or applicants not eligible for employment in public schools under Education Code 22.092.

19 TAC 102.1315(a)(3); Education Code 12A.008(b-1) [See DBAA, DF]

Mandatory Termination

The commissioner shall terminate a district's designation as a district of innovation if the district receives for three consecutive school years:

1. A final unacceptable academic performance rating under Education Code 39.054;

2. A final unacceptable financial accountability rating under Education Code 39.082; or

3. Any combination of one or more unacceptable ratings Education Code 39.054 and one or more unacceptable ratings under Education Code 39.082.

Education Code 12A.008(c); 19 TAC 102.1315(b)

No Appeal

The commissioner's decision to terminate a district's designation as a district of innovation is final and may not be appealed. *Education Code 12A.008(d); 19 TAC 102.1315(d)*

Accreditation

Each district must be accredited by Texas Education Agency (TEA). A district that is not accredited may not receive funds from TEA or hold itself out as operating a public school of this state. *Education Code 11.001, 39.052(f)*

District accreditation is determined in accordance with Education Code Chapter 39, Subchapter C and rules adopted by the commissioner of education at 19 Administrative Code, Chapter 97, Subchapter EE (related to Accreditation Status, Standards, and Sanctions). *Education Code 39.051*

Statuses

The commissioner shall determine criteria for the following accreditation statuses:

1. Accredited. Accredited means TEA recognizes the district as a public school of this state that meets the standards determined by the commissioner under Education Code 39.052(b) and (c), and specified in 19 Administrative Code 97.1059; and is not currently assigned an accreditation status of Accredited-Warned or Accredited-Probation;
2. Accredited-Warned. Accredited-Warned means the district exhibits deficiencies in performance, as specified in 19 Administrative Code 97.1055(b), that, if not addressed, will lead to probation or revocation of its accreditation status;
3. Accredited-Probation. Accredited-Probation means the district exhibits deficiencies in performance, as specified in 19 Administrative Code 97.1055(c), that must be addressed to avoid revocation of its accreditation status; and
4. Not Accredited-Revoked. Not Accredited-Revoked means TEA does not recognize the district as a Texas public school because the district's performance has failed to meet standards adopted by the commissioner under Education Code 39.052(b) and (c), and specified in 19 Administrative Code 97.1055(d).

Education Code 39.051; 19 TAC 97.1055(a)(1)

Annual Evaluation

Each year, the commissioner shall determine the accreditation status of each district. In determining the accreditation status of a district, the commissioner:

1. Shall evaluate and consider performance:
    a. On achievement indicators under Education Code 39.053 [see Performance Indicators, below]; and

b. Under the financial accountability rating system developed under Education Code, Chapter 39, Subchapter D [see CFA].

2. May evaluate and consider:

a. The district's compliance with statutory requirements and requirements imposed by rule of the commissioner or State Board of Education that relate to:

(1) Reporting data through the Public Education Information Management System (PEIMS) or other reports required by state or federal law or court order;

(2) High school graduation requirements; or

(3) Extracurricular activities, student health and safety, purchasing, elementary class size limits, removal of a disruptive student from the classroom, at-risk programs, and prekindergarten programs;

b. The effectiveness of the district's programs for special populations; and

c. The effectiveness of the district's career and technology program.

Based on a district's performance, the commissioner shall assign each district an accreditation status or revoke the accreditation of the district and order closure of the district.

A district's accreditation status may be raised or lowered based on the district's performance or may be lowered based on the performance of one or more campuses in the district that is below a standard required by Education Code Chapter 39, Subchapter C.

Education Code 7.056(e)(3)(C)-(I), 39.052; 19 TAC 97.1055

For additional information on the commissioner process for assigning accreditation status, see 19 Administrative Code 97.1055.

Notice of Status

The commissioner shall notify a district if the district has received an accreditation status of accredited-warned or accredited-probation, or a campus's performance is below standard. *Education Code 39.052(e)*

To Parents and Property Owners

A district assigned an accreditation status of accredited-warned, accredited-probation, or not accredited-revoked shall notify the parents of students enrolled in the district and property owners in the district as specified in 19 Administrative Code 97.1055. The district's notice must contain information about the accreditation sta-

tus, the implications of such status, and the steps the district is taking to address the areas of deficiency identified by the commissioner. The district's notice shall use the format and language determined by the commissioner.

The district's notice must:

1. Not later than 30 calendar days after the accreditation status is assigned, appear on the home page of the district's website, with a link to the required notification, and remain until the district is assigned the accredited status; and

2. Appear in a newspaper of general circulation, as defined in 19 Administrative Code 97.1051 (relating to Definitions), in the district for three consecutive days as follows:

   a. From Sunday through Tuesday of the second week following assignment of the status; or

   b. If the newspaper is not published from Sunday through Tuesday, then for three consecutive issues of the newspaper beginning the second week following assignment of the status; or

3. Not later than 30 calendar days after the status is assigned, be sent by first class mail addressed individually to each parent of a student enrolled in the district and each property owner in the district; or

4. Not later than 30 calendar days after the status is assigned, be presented as a discussion item in a public meeting of the board of trustees conducted at a time and location that allows parents of students enrolled in the district and property owners in the district to attend and provide public comment.

To TEA

A district required to act under this subsection shall send the following to TEA via certified mail, return receipt requested:

1. The universal resource locator (URL) for the link to the notification required above; and

2. Copies of the notice in the newspaper showing dates of publication, or a paid invoice showing the notice content and its dates of publication; or

3. Copies of the notice sent by mail and copies of all mailing lists and postage receipts; or

4. Copies of the notice presented at a public meeting and copies of the board of trustees meeting notice and minutes for the

board meeting in which the notice was presented and publicly discussed.

19 TAC 97.1055(f)

Performance Indicators

The commissioner shall adopt a set of indicators of the quality of learning and achievement, including three domains of achievement indicators. [See Achievement Indicators, below] *Education Code 39.053(a)*

The indicators must measure and evaluate districts and campuses with respect to:

1. Improving student preparedness for success in subsequent grade levels and entering the workforce, the military, or post-secondary education;
2. Reducing, with the goal of eliminating, student academic achievement differentials among students from different racial and ethnic groups and socioeconomic backgrounds; and
3. Informing parents and the community regarding campus and district performance.

Education Code 39.053(a-1)

Achievement Indicators

Districts and campuses must be evaluated based on indicators of achievement grouped in three domains:

1. Student achievement domain;
2. School progress domain; and
3. Closing the gaps domain.

Education Code 39.053(c)

Performance on the achievement indicators in the three domains shall be compared to state-established standards. The indicators must be based on information that is disaggregated by race, ethnicity, and socioeconomic status. *Education Code 39.053(b)*

Each school district shall submit the data required for the indicators to the commissioner. *Education Code 39.053(i)*

A–F Performance Ratings

The commissioner shall adopt rules to evaluate district and campus performance and assign each district and campus an overall performance rating of A, B, C, D, or F.

In addition to the overall performance rating, the commissioner shall assign each district and campus a separate domain performance rating of A, B, C, D, or F for each domain under Education Code 39.053(c) [see Achievement Indicators, above].

An overall or domain performance rating of:

1. A reflects exemplary performance.
2. B reflects recognized performance.
3. C reflects acceptable performance.
4. D reflects performance that needs improvement.
5. F reflects unacceptable performance.

A district may not receive an overall or domain performance rating of A if the district includes any campus with a corresponding overall or domain performance rating of D or F. A reference in law to an acceptable rating or acceptable performance includes an overall or domain performance rating of A, B, C, or D or exemplary, recognized, or acceptable performance, or performance that needs improvement.

For purposes of assigning districts and campuses an overall and a domain performance rating, the commissioner shall ensure that the method used to evaluate performance is implemented in a manner that provides the mathematical possibility that all districts and campuses receive an A rating.

Not later than August 15 of each year, the performance ratings of each district and campus shall be made publicly available as provided by rules adopted by the commissioner.

Education Code 39.054(a), (a-3), (b)

Local Accountability System

The local accountability system rating standards established by the commissioner under Education Code 39.0544 shall be used by districts to locally evaluate the performance of districts and campuses. The procedures and criteria required to determine campus grades by the districts will be annually published in official TEA publications.

Ratings may be revised as a result of investigative activities by the commissioner as authorized under Education Code 39.057(d) and (e).

The specific criteria and standards used in the local accountability system manual are established annually by the commissioner and communicated to all districts.

19 TAC 97.1003(a), (c)–(d)

Campus Performance Ratings

A district authorized to assign campus performance ratings shall evaluate the performance of each campus and assign each cam-

pus a performance rating of A, B, C, D, or F for overall performance and for each locally developed domain or set of accountability measures. Not later than a date established by the commissioner, the district shall:

1. Report the performance ratings to the agency; and
2. Make the performance ratings available to the public as provided by commissioner rule.

Education Code 39.0544(e)

If a district has been approved under Education Code 39.0544 to assign campus performance ratings and the commissioner has not assigned a campus overall performance rating of D or F, the commissioner shall assign the campus an overall performance rating based on the district-assigned performance rating under the local accountability system. A reference in law to an acceptable rating or acceptable performance includes an overall domain performance rating of A, B, C, or D or performance that is exemplary, recognized, or acceptable performance, or performance that needs improvement. *Education Code 39.054(a)*

Distinction Designations for Outstanding Performance

The commissioner shall award distinction designations for outstanding performance. A distinction designation awarded to a district or campus shall be referenced directly in connection with the performance rating assigned to the district or campus and made publicly available together with the A–F performance ratings.

A district or campus may not be awarded a distinction designation unless the district or campus has acceptable performance under the A–F performance ratings.

Education Code 39.201

Academic Distinction

The commissioner shall establish an academic distinction designation for districts and campuses for outstanding performance in attainment of postsecondary readiness based on the commissioner's adopted criteria. *Education Code 39.202*

Campus Distinction

The commissioner shall award a campus a distinction designation for outstanding performance in:

1. Improvement in student achievement;
2. Closing student achievement differentials; and
3. Academic achievement in English language arts, mathematics, science, or social studies.

Education Code 39.203

The commissioner may award a distinction designation for outstanding performance in advanced middle or junior high school student achievement. *Education Code 39.203(d)*

Excellence Exemptions

Except as listed below, a district or campus that is rated A (exemplary) is exempt from requirements and prohibitions imposed under the Education Code, including regulations adopted under the Education Code.

An exemplary campus or district is not exempt from:

1. A prohibition on conduct that constitutes a criminal offense;
2. Requirements imposed by federal law or rule, including requirements for special education or bilingual education programs;
3. A requirement, restriction, or prohibition relating to:
    a. Curriculum essential knowledge and skills or high school graduation requirements;
    b. Public school accountability;
    c. Extracurricular activities;
    d. Health and safety;
    e. Purchasing;
    f. Elementary class size limits;
    g. Removal of a disruptive student from the classroom;
    h. At-risk programs;
    i. Prekindergarten programs;
    j. Rights and benefits of school employees;
    k. Special education programs; or
    l. Bilingual education programs.

The commissioner may exempt an exemplary campus from class size limits if the campus submits a written plan showing steps that will be taken to ensure that the exemption will not be harmful to the academic achievement of the students on the school campus. If granted, the exemption remains in effect until the commissioner determines that achievement levels of the campus have declined.

Education Code 39.232

District Annual Report

The board shall publish an annual report describing the educational performance of the district and of each campus in the district that includes uniform student performance and descriptive information as determined under rules adopted by the commissioner of education. *Education Code 39.306(a)*

Texas Academic Performance Report (TAPR)

The performance report provided by the Texas Education Agency (TEA) under Education Code 39.306 shall be termed the Texas Academic Performance Report (TAPR). The intent of the TAPR is to inform the public about the educational performance of the district and of each campus in the district in relation to the district, the state, and a comparable group of schools. The TAPR will present the campus performance information as well as the student, staff, and financial information required by statute. It will also include any explanations and additional information deemed appropriate to the intent of the report.

The district may not alter the report provided by TEA. However, the district may concurrently provide additional information to the public that supplements or explains information in the TAPR.

19 TAC 61.1022(a)–(b), (e); Education Code 39.306(d)

Other Annual Report Information

The annual report must also include:

1. Campus performance objectives established under Education Code 11.253 and the progress of each campus toward those objectives, which shall be available to the public;
2. Information indicating the district's accreditation status and identifying each district campus awarded a distinction designation or considered an unacceptable campus under Education Code Chapter 39A;
3. The district's current special education compliance status with the agency;
4. A statement of the number, rate, and type of violent or criminal incidents that occurred on each district campus, to the extent permitted under the Family Educational Rights and Privacy Act of 1974 (20 U.S.C. 1232g);
5. Information concerning school violence prevention and violence intervention policies and procedures that the district is using to protect students;
6. The findings that result from evaluations conducted under the Safe and Drug-Free Schools and Communities Act of 1994 (20 U.S.C. 7101 et seq.);

7. Information received under Education Code 51.403(e) for each high school campus in the district, presented in a form determined by the commissioner; and

8. Progress of the district and each campus in the district toward meeting the goals set in the district's early childhood literacy and mathematics proficiency plans and college, career, and military readiness plans [see EA].

Education Code 39.306(a)

The report must include a statement of the amount, if any, of the school district's unencumbered surplus fund balance as of the last day of the preceding fiscal year and the percentage of the preceding year's budget that the surplus represents. *Education Code 39.306(g)*

The report must also include the number of school counselors providing counseling services at each campus. *Education Code 39.306(d-1)*

The report may include the following information:

1. Student information, including total enrollment, enrollment by ethnicity, socioeconomic status, and grade groupings and retention rates;

2. Financial information, including revenues and expenditures;

3. Staff information, including number and type of staff by sex, ethnicity, years of experience, and highest degree held; teacher and administrator salaries; and teacher turnover;

4. Program information, including student enrollment by program, teachers by program, and instructional operating expenditures by program; and

5. The number of students placed in a disciplinary alternative education program (DAEP) under Education Code Chapter 37.

Education Code 39.306(e)

Supplemental information to be included in the reports shall be determined by the board. *Education Code 39.306(b)*

Public Hearing

The board shall hold a hearing for public discussion of the report. The board shall give notice of the hearing to property owners in the district and parents of and other persons standing in parental relation to a district student. The notice of hearing must include notice to a newspaper of general circulation in the district and notice to electronic media serving the district. *Education Code 39.306(c)*

A board shall hold a hearing for public discussion of the TAPR within 90 days after the report is received from TEA. The hearing may take place during a regularly scheduled or special meeting of the board. *19 TAC 61.1022(c)*

Publication

The TAPR must be published within two weeks after the public hearing, in the same format as it was received from TEA. *19 TAC 61.1022(d)*

The board shall disseminate the report by posting it on the district website and in public places, such as each school office, local businesses, and public libraries. *Education Code 39.306(c); 19 TAC 61.1022(f)*

Report Uses

The information in the annual report shall be a primary consideration in district and campus planning. It shall also be a primary consideration of the board in the evaluation of the performance of the superintendent, and of the superintendent in the evaluation of the performance of campus principals. *Education Code 39.307*

Campus Performance Report

Each school year, TEA shall prepare and distribute to each district a report card for each campus. The campus report card distributed by TEA shall be termed the "school" report card (SRC). The intent of the SRC is to inform each student's parents or guardians about the school's performance and characteristics. The SRC will present the student, staff, financial, and performance information required by statute, as well as any explanations and additional information deemed appropriate to the intent of the report.

Distribution

The district must disseminate each SRC within six weeks after the SRC is received from TEA. The school may not alter the report provided by TEA; however, it may concurrently provide additional information to the parents or guardians that supplements or explains information in the SRC.

The SRC must be distributed to the parent, guardian, conservator, or other person having lawful control of each student at the campus. On written request, a district shall provide a copy of the SRC to any other party.

The campus administration may provide the SRC in the same manner it would normally transmit official communications to parents and guardians, such as including the SRC in a weekly folder sent home with each student, mailing it to the student's residence, providing it at a teacher-parent conference, enclosing it with the student report card, or sending it via electronic mail.

Education Code 39.305; 19 TAC 61.1021

Website Notices

Not later than the tenth day after the first day of instruction of each school year, a district that maintains an internet website shall make the following information available:

1. The information in the most recent campus report card for each campus in the district;
2. The information contained in the most recent performance report for the district;
3. The most recent accreditation status and performance rating of the district; and
4. A definition and explanation of each accreditation status, based on commissioner rule.

Education Code 39.362

Student Performance Report

Each year, TEA shall report to a district whether each student fell below, met, or exceeded the necessary target for improvement necessary to be prepared to perform satisfactorily on, as applicable, the grade five assessments, the grade eight assessments, and the end-of-course assessments required for graduation. *Education Code 39.034, .302*

Notice to Parents

The district a student attends shall provide a record of the annual improvement information from TEA in a written notice to the student's parent or other person standing in parental relationship. If a student failed to perform satisfactorily on a state assessment, the district shall include in the notice specific information relating to access to online educational resources at the appropriate assessment instrument content level, including educational resources and assessment instrument questions and released answers. *Education Code 39.303*

Notice to Teachers and Students

A district shall prepare a report of the annual improvement information and provide the report at the beginning of the school year to:

1. Each teacher for all students, including incoming students, who took a state assessment; and
2. All students who were provided instruction by that teacher in the subject for which the assessment instrument was administered.

The report shall indicate whether the student performed satisfactorily or, if the student did not perform satisfactorily, whether the student met the standard for annual improvement.

Education Code 39.304

Quality of Learning Indicators

The commissioner shall also adopt indicators of the quality of learning for the purpose of preparing performance reports. Performance on the indicators shall be evaluated in the same manner provided for evaluation of the achievement indicators under Education Code 39.053(c) [see Achievement Indicators, AIA].

The quality of learning indicators must include:

1. The percentage of graduating students who meet the course requirements for the foundation high school program, the distinguished level of achievement under the foundation high school program, and each endorsement described by Education Code 28.025(c-1) [see EIF];
2. The results of the SAT, ACT, and certified workforce training programs;
3. For students who have failed to satisfy the state standard on an assessment, the performance of those students on subsequent assessments, aggregated by grade level and subject area;
4. For each campus, the number of students, disaggregated by major student subpopulations, who take courses under the foundation high school program and take additional courses to earn an endorsement, disaggregated by type of endorsement;
5. The percentage of students, aggregated by grade level, provided accelerated instruction under after unsatisfactory performance on a state assessment; the results of assessment instruments administered under the accelerated instruction program; the percentage of students promoted through the grade placement committee process; the subject of the assessment instrument on which each student failed to perform satisfactorily under each performance standard; and the performance of those students in the school year following that promotion on the state assessments;
6. The percentage of students of limited English proficiency exempted from the administration of an assessment;
7. The percentage of students in a special education program assessed through alternative assessment instruments;
8. The percentage of students who satisfy the college readiness measure;
9. The measure of progress toward dual language proficiency for students of limited English proficiency;

10. The percentage of students who are not educationally disadvantaged;

11. The percentage of students who enroll and begin instruction at an institution of higher education in the school year following high school graduation; and

12. The percentage of students who successfully complete the first year of instruction at an institution of higher education without needing a developmental education course.

Education Code 39.301

Results Driven Accountability (RDA)

In accordance with Education Code 7.028(a), the purpose of the Results Driven Accountability (RDA) is to report annually on the performance of districts in selected program areas: bilingual education/English as a Second Language, career and technical education, special education, and certain Title programs under federal law. The performance of a district is reported through indicators of student performance and program effectiveness and corresponding performance levels established by the commissioner. *19 TAC 97.1005; Education Code 7.028(a)*

Federal Report Card

A district that receives Title I funding shall prepare and disseminate an annual federal report card that includes information on the district as a whole and each school within the district.

Implementation

The federal report card shall be concise; presented in an understandable and uniform format, and to the extent practicable, in a language that parents can understand; and accessible to the public, which shall include placing the report card on the district's website. If the district does not operate a website, the information in the report card must be provided to the public in another manner determined by the district.

Minimum Requirements

The federal report card shall include the information required in the annual state report card described at 20 U.S.C. 6311(h)(1)(C), as applied to the district and each school served by the district, including:

1. In the case of the district, information that shows how students served by the district achieved on state academic assessments compared to students in the state as a whole;

2. In the case of a school, information that shows how the school's students' achievement on state academic assessments compared to students served by the district and the state as a whole; and

3. Any other information that the district determines is appropriate and will best provide parents, students, and other members of the public with information regarding the progress of each public school served by the district, whether or not such information is included in the annual state report card.

20 U.S.C. 6311(h)(2)

District Data on Academic Achievement

On request by the board, TEA shall create a website that members of the board may use to review campus and district academic achievement data. The website must also be made available to campuses in a similar manner that access is provided to the board.

The website must:

1. Include district information, disaggregated by campus, grade, sex, race, academic quarter or semester, as applicable, and school year, regarding the following:
   a. Student academic achievement and growth;
   b. Teacher and student attendance; and
   c. Student discipline records; and
2. Be updated at least once each quarter of the school year.

The commissioner shall provide information that permits a board member to compare the district's academic performance with the academic performance of other districts of similar size and racial and economic demographics.

A district must provide requested information to the commissioner for the creation of the website. Confidential information received by the commissioner remains confidential. The commissioner shall design the website to ensure that public information is made available to the public, and information submitted by districts noted as confidential is not made available to the public.

A request for public information under this provision shall be submitted to the district that provides the agency with the information. TEA may not release information submitted by a district that is noted as confidential information.

Education Code 11.1516

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Interventions and Sanctions for School Districts

Grounds for Commissioner Action

The commissioner of education shall take any of the actions authorized by Education Code, Chapter 39A, Subchapter A, to the extent the commissioner determines necessary if:

1. A district does not satisfy:
   a. The accreditation criteria under Education Code 39.052 [see AIA];
   b. The academic performance standards under Education Code 39.053 or 39.054 [see AIA]; or
   c. Any financial accountability standard as determined by commissioner rule [see CFA]; or
2. The commissioner considers the action to be appropriate on the basis of a special accreditation investigation under Education Code 39.057.

Education Code 39A.001

Authorized Commissioner Actions

If a district is subject to commissioner action, the commissioner may:

1. Issue public notice of the deficiency to the board;
2. Order a hearing to be conducted by the board to notify the public of:
   a. The insufficient performance;
   b. The improvements in performance expected by the Texas Education Agency (TEA); and
   c. The interventions and sanctions that may be imposed if the performance does not improve;
3. Order the preparation of a student achievement improvement plan that addresses each academic achievement indicator under Education Code 39.053(c) for which the district's performance is insufficient, the submission of the plan to the commissioner for approval, and the implementation of the plan;
4. Order a hearing to be held before the commissioner or the commissioner's designee at which the president of the board and the district's superintendent shall appear and explain the district's low performance, lack of improvement, and plans for improvement;
5. Arrange a monitoring review of the district;
6. Appoint a TEA monitor to participate in and report to TEA on the activities of the board or superintendent;

7. Appoint a conservator to oversee the operations of the district;

8. Appoint a management team to direct the operations of the district in areas of insufficient performance or require the district to obtain certain services under a contract with another person; or

9. Authorize the district to enter into a memorandum of understanding with an institution of higher education that provides for the assistance of the institution of higher education in improving the district's performance.

Education Code 39A.002

Regardless of whether the commissioner lowers a district's status or rating, the commissioner may take action under Education Code Chapters 39 and 39A or 19 Administrative Code 97.1057 if the commissioner determines that the action is necessary to improve any area of performance by the district or campus.

Subject to 19 Administrative Code 97.1057(h)–(k), once the commissioner takes action under 19 Administrative Code Subchapter EE (accreditation status, standards, and sanctions), the commissioner may impose on the district or campus any other sanction under Education Code Chapter 39 or 39A, or Subchapter EE, singly or in combination, to the extent the commissioner determines is reasonably required to achieve the purposes specified in 19 Administrative Code 97.1053.

19 TAC 97.1057(c), (e)

In making a determination to impose district and campus accreditation sanctions under 19 Administrative Code Chapter 97, Subchapter EE, the commissioner shall meet the requirements of 19 Administrative Code 97.1059. *19 TAC 97.1059*

Conservator or Management Team

The commissioner shall clearly define the powers and duties of a conservator or management team appointed to oversee the operations of a district.

At least every 90 days, the commissioner shall review the need for the conservator or management team and shall remove the conservator or management team unless the commissioner determines that continued appointment is necessary for effective governance of the district or delivery of instructional services.

A conservator or management team, if directed by the commissioner, shall prepare a plan for the implementation of the appointment of a board of managers or the revocation of accreditation.

The conservator or management team may:

1. Direct an action to be taken by the principal of a campus, the superintendent of the district, or the board; and
2. Approve or disapprove any action of the principal of a campus, the superintendent of the district, or the board.

The conservator or management team may not:

1. Take any action concerning a district election, including ordering or canceling an election or altering the date of or the polling places for an election;
2. Change the number of or method of selecting the board;
3. Set a tax rate for the district; and
4. Adopt a budget for the district that provides for spending a different amount, exclusive of required debt service, from that previously adopted by the board.

Education Code 39A.003

Regardless of whether a district has satisfied the accreditation criteria, if for two consecutive school years, including the current school year, a district has had a conservator or management team assigned, the commissioner may appoint a board of managers, a majority of whom must be residents of the district, to exercise the powers and duties of the board of trustees. For purposes of this subsection, a school year begins on the first day of instruction and includes any portion of the school year. *19 TAC 97.1057(d); Education Code 39A.006(b)*

Board of Managers

The commissioner may appoint a board of managers to exercise the powers and duties of a district's board if the district is subject to commissioner action and:

1. Has a current accreditation status of accredited-warned or accredited-probation;
2. Fails to satisfy any standard under Education Code 39.054(e); or
3. Fails to satisfy financial accountability standards as determined by commissioner rule.

Education Code 39A.004

Revocation of Accreditation

The commissioner may revoke the accreditation of a district if the district is subject to commissioner action, and for two consecutive school years, including the current school year, the district has:

1. Received an accreditation status of accredited-warned or accredited-probation;
2. Failed to satisfy any standard under Education Code 39.054(e); or
3. Failed to satisfy financial accountability standards as determined by commissioner rule.

In addition to revoking a district's accreditation, the commissioner may:

1. Order closure of the district and annex the district to one or more adjoining districts under Education Code 13.054; or
2. In the case of a home-rule school district, order closure of all programs operated under the district's charter.

Education Code 39A.005

Intervention to Improve High School Completion Rate

If a district is subject to commissioner action and the district has failed to satisfy any standard under Education Code 39.054(e) because of the district's dropout rates, the commissioner may impose sanctions against a district designed to improve high school completion rates, including:

1. Ordering the development of a dropout prevention plan for approval by the commissioner;
2. Restructuring the district or appropriate campuses to improve identification of and service to students who are at risk of dropping out of school, as defined by Education Code 29.081;
3. Ordering lower student-to-counselor ratios on campuses with high dropout rates; and
4. Ordering the use of any other intervention strategy effective in reducing dropout rates, including mentor programs and flexible class scheduling.

Education Code 39A.007

Campus Intervention Team and Targeted Improvement Plan

Actions Based on Campus Performance

If the performance of a campus is below any standard under Education Code 39.054(e), the commissioner shall:

1. Take actions, to the extent the commissioner determines necessary, as provided by Education Code, Chapter 39A; and
2. Assign a campus intervention team.

To the extent the commissioner determines necessary, the commissioner may:

1. Order a hearing to be held before the commissioner or the commissioner's designee at which the president of the board, the superintendent, and the campus principal shall appear and explain the campus's low performance, lack of improvement, and plans for improvement; or

2. Establish a school community partnership team composed of members of the campus-level planning and decision-making committee and additional community representatives as determined appropriate by the commissioner.

Education Code 39A.051

Texas Accountability Intervention System

If a campus's performance is below any standard under Education Code 39.054(e), the campus shall engage in interventions as described by TEA. The commissioner shall assign members to a campus intervention team as outlined in 19 Administrative Code 97.1063 and Education Code 39A.052. The campus shall establish a campus leadership team (CLT) that includes the campus principal and other campus leaders responsible for the development, implementation, and monitoring of the targeted improvement plan.

If a campus is assigned an unacceptable rating under Education Code 39.054(e):

1. For a second consecutive year, the campus must engage in the processes outlined in this provision, and the campus must develop a campus turnaround plan to be approved by the commissioner.

2. For a third or fourth consecutive year, the campus must engage in the processes outlined in this provision, and the campus must implement the commissioner-approved campus turnaround plan as described in 19 Administrative Code 97.1064.

3. For a fifth consecutive year, the commissioner shall order the appointment of a board of managers to govern the district or the closure of the campus.

Based on a campus's progress toward improvement, the commissioner may order a hearing if a campus's performance is below any standard under Education Code 39.054(e).

Interventions and sanctions listed under this provision begin upon release of preliminary ratings and may be adjusted based on final accountability ratings.

19 TAC 97.1061(a)–(c), (e)–(i)

Campus Intervention Team

The campus intervention team shall follow the requirements of 19 Administrative Code 97.1061 and Education Code 39.106.

A campus intervention team assigned by the commissioner may include teachers, principals, other educational professionals, and superintendents recognized for excellence in their roles and appointed by the commissioner to serve as members of a team. *Education Code 39A.052*

A campus intervention team must include a district coordinator of school improvement (DCSI) and the campus principal's direct supervisor, if the DCSI is not the campus principal's direct supervisor. The DCSI must submit qualifications to TEA for approval.

An education professional, approved through an application either by TEA or TEA's technical assistance provider, who is not an employee of the campus or district, shall assist with the needs assessment.

19 TAC 97.1063(b)–(c)

On-Site Needs Assessment

A campus intervention team shall:

1. Conduct, with the involvement and advice of the school community partnership team, if applicable:
    a. If the commissioner determines necessary, a comprehensive on-site needs assessment; or
    b. A targeted on-site needs assessment relevant to an area of insufficient performance of the campus; and
2. Recommend appropriate actions as provided by Education Code 39A.054.

An on-site needs assessment must determine the factors resulting in the campus's low performance and lack of progress, including the contributing education-related factors.

In conducting a comprehensive on-site needs assessment, the campus intervention team shall use each of the guidelines and procedures at Education Code 39A.053(c) and 19 Administrative Code 97.1061(d).

In conducting a targeted on-site needs assessment, the campus intervention team shall use the appropriate guidelines and procedures described above relevant to each area of insufficient performance.

Education Code 39A.053

Recommendations

On completing the on-site needs assessment, the campus intervention team shall, with the involvement and advice of the school community partnership team, if applicable, recommend actions relating to any area of insufficient performance, including:

1. Reallocation of resources;
2. Technical assistance;
3. Changes in school procedures or operations;
4. Staff development for instructional and administrative staff;
5. Intervention for individual administrators or teachers;
6. Waivers from state statutes or rules;
7. Teacher recruitment or retention strategies and incentives provided by the district to attract and retain appropriately certified and experienced teachers; or
8. Other actions the campus intervention team considers appropriate.

Education Code 39A.054

Targeted Improvement Plan

In addition to the duties relating to the on-site needs assessment, the campus intervention team shall:

1. Assist the campus in developing a targeted improvement plan;
2. Conduct a public meeting at the campus with the campus principal, the members of the campus-level planning and decision-making committee, parents of students attending the campus, and community members residing in the district to review the campus performance rating and solicit input for the development of the targeted improvement plan [see Notice of Public Meeting, below];
3. Assist the campus in submitting the targeted improvement plan to the board for approval and presenting the plan in a public hearing [see Public Hearing, below]; and
4. Assist the commissioner in monitoring the progress of the campus in executing the targeted improvement plan.

Education Code 39A.055; 19 TAC 97.1061(d)(3)–(4)

Notice of Public Meeting

The campus intervention team must provide written notice of the public meeting to the parents of students attending the campus and post notice of the meeting on the campus's internet website.

The notice must include the date, time, and place of the meeting. *Education Code 39A.056*

The public must be notified of the meeting 15 days prior to the meeting by way of the district and campus website, local newspapers, or other media that reach the general public, and the parent liaison, if present on the campus. *19 TAC 97.1061(d)(3)(A)(2)*

Public Hearing

After a targeted improvement plan or an updated targeted improvement plan is submitted to the board, the board shall conduct a hearing to:

1. Notify the public of:
    a. The insufficient performance of the campus;
    b. The improvements in performance expected by TEA; and
    c. The intervention measures or sanctions that may be imposed under Education Code, Chapter 39A if the performance does not improve within a designated period; and
2. Solicit public comment on the targeted improvement plan or updated targeted improvement plan.

The board must post the targeted improvement plan on the district's internet website before the hearing.

The board may conduct one hearing relating to one or more campuses subject to a targeted improvement plan or an updated targeted improvement plan.

Education Code 39A.057

Submission to Commissioner

The board shall submit the targeted improvement plan or updated targeted improvement plan to the commissioner for approval. The campus intervention team shall assist the campus in submitting the targeted improvement plan to the commissioner. *Education Code 39A.058*

Executing Plan

In executing the targeted improvement plan, the campus intervention team shall, if appropriate:

1. Assist the campus in implementing research-based practices for curriculum development and classroom instruction, including bilingual education and special education programs, and financial management;
2. Provide research-based technical assistance, including data analysis, academic deficiency identification, intervention implementation, and budget analysis, to strengthen and improve the instructional programs at the campus; and

3. Require the district to develop a teacher recruitment and retention plan to address the qualifications and retention of the teachers at the campus.

Education Code 39A.059

Continuing Duties of the Campus Intervention Team

For each year a campus is assigned an unacceptable performance rating, the campus intervention team shall:

1. Assist in updating the targeted improvement plan to identify and analyze areas of growth and areas that require improvement; and

2. Submit each updated targeted improvement plan to the board.

Education Code 39A.060

Needs Improvement Rating

If a district or campus is assigned an overall or domain performance rating of D:

1. The commissioner shall order the district or campus to develop and implement a targeted improvement plan approved by the board; and

2. The interventions and sanctions provided by Education Code, Chapter 39A based on failure to satisfy performance standards under Education Code 39.054(e) apply to the district or campus only as provided below.

The interventions and sanctions based on failure to satisfy performance standards under Education Code 39.054(e) apply to a district or campus ordered to develop and implement a targeted improvement plan if the district or campus is assigned:

1. An overall or domain performance rating of F; or

2. An overall performance rating of D as provided below.

If a district or campus is assigned an overall performance rating of D for a school year after the district or campus is ordered to develop and implement a targeted improvement plan, the commissioner shall implement interventions and sanctions that apply to an unacceptable campus and those interventions and sanctions shall continue for each consecutive school year thereafter in which the campus is assigned an overall performance rating of D.

Education Code 39A.0545

Campus Planning and Site-Based Decision-Making

The commissioner may authorize a school community partnership team established under Education Code 39A.051 to supersede the

authority of and satisfy the requirements of establishing and maintaining a campus-level planning and decision-making committee.

The commissioner may authorize a targeted improvement plan or an updated targeted improvement plan to supersede the provisions of and satisfy the requirements of developing, reviewing, and revising a campus improvement plan.

Education Code 39A.061

Submission of Campus Improvement Plan

If the performance of a campus satisfies performance standards under Education Code 39.054(e) for the current school year but would not satisfy the performance standards if the standards to be used for the following school year were applied to the current school year, on the request of the commissioner, the campus-level planning and decision-making committee shall revise and submit to the commissioner the portions of the campus improvement plan that are relevant to those areas for which the campus would not satisfy performance standards. The revised portions of the improvement plan must be submitted in an electronic format. *Education Code 39A.062*

Compliance Through Federal Accountability

Notwithstanding the provisions of Education Code Chapter 39A, if the commissioner determines that a campus subject to interventions or sanctions has implemented substantially similar intervention measures under federal accountability requirements, the commissioner may accept the substantially similar intervention measures as measures in compliance with Education Code Chapter 39A. *Education Code 39A.063*

Campus Turnaround Plan

If a campus has been identified as unacceptable for two consecutive school years, the commissioner shall order the campus to prepare and submit a campus turnaround plan.

Updated Targeted Improvement Plan

A campus intervention team shall assist the campus in:

1. Developing an updated targeted improvement plan, including a campus turnaround plan to be implemented by the campus;
2. Submitting the updated targeted improvement plan to the board for approval and presenting the plan in a public hearing as provided by Education Code 39A.057;
3. Obtaining approval of the updated plan from the commissioner; and
4. Executing the updated plan on approval by the commissioner.

The updated targeted improvement plan submitted to the board must include all plans and details that are required to execute the

campus turnaround plan without any additional action or approval by the board.

Education Code 39A.101

Public Notice

Within 60 days of receiving a campus's preliminary accountability rating, the district must notify parents, community members, and stakeholders that the campus received an unacceptable rating for two consecutive years and request assistance in developing the campus turnaround plan in accordance with 19 Administrative Code 97.1064. *19 TAC 97.1064(d)*

Submission and Approval

Upon approval of the board, the district must submit the campus turnaround plan electronically to TEA by March 1 unless otherwise specified. Not later than June 15 of each year, the commissioner must either approve or reject any campus turnaround plan prepared and submitted by a district. *19 TAC 97.1064(g)–(h); Education Code 39A.103–.104*

Implementation

A campus may implement, modify, or withdraw its campus turnaround plan with board approval if the campus receives an academically acceptable rating for the school year following the development of the campus turnaround plan.

A campus that has received an unacceptable rating for the school year following the development of the campus turnaround plan must implement its commissioner-approved campus turnaround plan with fidelity until the campus operates for two consecutive school years without an unacceptable rating.

The commissioner may appoint a monitor, conservator, management team, or board of managers for a school district that has a campus that has been ordered to implement an updated targeted improvement plan. The commissioner may order any of the interventions as necessary to ensure district-level support for the low-performing campus and the implementation of the updated targeted improvement plan. The commissioner may make the appointment at any time during which the campus is required to implement the updated targeted improvement plan.

19 TAC 97.1064(j)–(k)

Required Contents

A campus turnaround plan must include:

1. Details on the method for restructuring, reforming, or reconstituting the campus;
2. A detailed description of the academic programs to be offered at the campus, including:
    a. Instructional methods;

b. Length of school day and school year;

c. Academic credit and promotion criteria; and

d. Programs to serve special student populations;

3. If a district charter is to be granted for the campus under Education Code 12.0522:

a. The term of the charter; and

b. Information on the implementation of the charter;

4. Written comments from:

a. The campus-level committee established under Education Code 11.251, if applicable;

b. Parents; and

c. Teachers at the campus;

5. A detailed description of the budget, staffing, and financial resources required to implement the plan, including any supplemental resources to be provided by the district or other identified sources; and

6. A detailed description for developing and supporting the oversight of academic achievement and student performance by the board of trustees under Education Code 11.1515.

Education Code 39A.105(a) [Acts of the 85th Legislative Session, Senate Bill 1566, amended former Education Code 39.107(b-1) to include the information provided at Subsection (6)]

ACE Turnaround Plan

A campus may submit an accelerated campus excellence (ACE) turnaround plan. The plan must provide:

1. The assignment of a principal to the campus who has demonstrated a history of improvement in student academic growth at campuses in which the principal has previously worked;

2. That the principal has final authority over personnel decisions at the campus;

3. That at least 60 percent of the classroom teachers assigned to the campus be teachers who demonstrated instructional effectiveness during the previous school year, with instructional effectiveness determined by:

a. For a teacher who taught in the district during the previous school year:

(1) The teacher's impact on student growth as determined using a locally developed value-added model that measures student performance on at least one assessment selected by the district; and

(2) An evaluation of the teacher based on classroom observation; and

b. For a teacher who did not teach in the district during the previous school year, data and other evidence indicating that if the teacher had taught in the district during the previous school year, the teacher would have performed in the top half of teachers in the district;

4. A detailed description of the employment and compensation structures for the principal and classroom teachers, which must include significant incentives for a high-performing principal or teacher to remain at the campus and a three-year commitment by the district to continue incentives for the principal and teachers;

5. Policies and procedures for the implementation of best practices at the campus, including:

a. Data-driven instructional practices;

b. A system of observation of and feedback for classroom teachers;

c. Positive student culture on the campus;

d. Family and community engagement, including partnerships with parent and community groups;

e. Extended learning opportunities for students, which may include service or workforce learning opportunities; and

f. Providing student services before or after the instructional day that improve student performance, which may include tutoring, extracurricular activities, counseling services, and offering breakfast, lunch, and dinner to all students at the campus; and

6. Assistance by a third-party provider that is approved by the commissioner in the development and implementation of the district's plan.

Education Code 39A.105(b)

Implementing Entities

A campus ordered to prepare a campus turnaround plan shall implement the updated targeted improvement plan as approved by the commissioner.

The commissioner may appoint a monitor, conservator, management team, or board of managers to the district to ensure and oversee district-level support to low-performing campuses and the implementation of the updated targeted improvement plan.

In making appointments, the commissioner shall consider individuals who have demonstrated success in managing campuses with student populations similar to the campus at which the individual appointed will serve.

Education Code 39A.102, .108

Effective Date

A campus turnaround plan must take effect not later than the school year following the third consecutive school year that the campus has received an unacceptable performance rating. *Education Code 39A.106*

Commissioner Approval or Rejection

Not later than June 15 of each year, the commissioner shall, in writing, either approve or reject any campus turnaround plan prepared and submitted to the commissioner by a district. If the commissioner rejects a campus turnaround plan, the commissioner must also send the district an outline of the specific concerns regarding the turnaround plan that resulted in the rejection. *Education Code 39A.107(a-1)*

If the commissioner rejects a campus turnaround plan, the district must create a modified plan with assistance from TEA staff and submit the modified plan to the commissioner for approval not later than the 60th day after the date the commissioner rejects the campus turnaround plan. The commissioner shall notify the district in writing of the commissioner's decision regarding the modified plan not later than the 15th day after the date the commissioner receives the modified plan. *Education Code 39A.107(a-2)*

The commissioner may approve a campus turnaround plan only if the commissioner determines that the campus will satisfy all student performance standards required under Education Code 39.054(e) not later than the second year the campus receives a performance rating following the implementation of the campus turnaround plan.

Education Code 12.0522(b) does not apply to a district charter approved by the commissioner. An approved district charter may be renewed or continue in effect after the campus is no longer subject to the commissioner's order under Education Code 39A.101.

If the commissioner does not approve a campus turnaround plan, the commissioner shall order:

1. Appointment of a board of managers to govern the district;

2. Alternative management of the campus; or

3. Closure of the campus.

Education Code 39A.107; 19 TAC 97.1065

Implementation

Following approval of a campus turnaround plan by the commissioner, the district, in consultation with the campus intervention team, may take any actions needed to prepare for the implementation of the plan. *Education Code 39A.108*

Assistance and Partnerships

A district may:

1. Request that a regional education service center provide assistance in the development and implementation of a campus turnaround plan; or

2. Partner with an institution of higher education to develop and implement a campus turnaround plan.

Education Code 39A.109

Change in Campus Performance Rating

If a campus for which a campus turnaround plan has been ordered receives an acceptable performance rating for the school year following the order, the board may:

1. Implement the campus turnaround plan;

2. Implement a modified version of the campus turnaround plan; or

3. Withdraw the campus turnaround plan.

A district required to implement a campus turnaround plan may modify the plan if the campus receives an acceptable performance rating for two consecutive school years following implementation of the plan.

Education Code 39A.110

Continued Unacceptable Performance Rating

If a campus is considered to have an unacceptable performance rating for three consecutive school years after the campus is ordered to submit a campus turnaround plan, the commissioner shall order:

1. Appointment of a board of managers to govern the district; or

2. Closure of the campus.

Education Code 39A.111; 19 TAC 97.1065(a)(2)

Parent Petition for Action

"Parent" means the parent who is indicated on the student registration form at that campus and the signature of only one parent of a student is required.

If the commissioner is presented, in the time and manner specified by commissioner rule, with a written petition signed by the parents of a majority of the students enrolled at a campus with an unacceptable performance rating for three consecutive school years, specifying an authorized action that the parents request the commissioner to order, the commissioner shall order the specific action requested.

If the board presents to the commissioner, in the time and manner specified by commissioner rule, a written request that the commissioner order specific authorized action other than the specific action requested in the parents' petition and a written explanation of the basis for the board's request, the commissioner may order the action requested by the board.

Education Code 12.051, 39A.112; 19 TAC 97.1065(d)

Repurposing of Closed Campus

If the commissioner orders the closure of a campus, that campus may be repurposed to serve students at that campus location only if the commissioner finds that the repurposed campus offers a distinctly different academic program and approves a new campus identification number for the repurposed campus. A campus may be repurposed if the campus:

1. Serves a majority of grade levels not served at the original campus; or
2. Is operated under a contract, approved by the school board, with a nonprofit organization exempt from federal taxation under Section 501(c)(3), Internal Revenue Code of 1986 that:
    a. Has a governing board that is independent of the district;
    b. Has a successful history of operating school district campuses or open-enrollment charter schools:
        (1) That cumulatively serve 10,000 or more students; and
        (2) A majority of which have been assigned an overall performance rating of B or higher under Education Code 39.054 for the preceding school year; and
    c. Has been assigned an overall performance rating of B or higher under Education Code 39.054 for the preceding school year.

Student Enrollment and Assignment

Any student assigned to a campus that has been closed must be allowed to transfer to any other campus in the district that serves that student's grade level and on request must be provided transportation to the other campus.

The commissioner may grant an exemption allowing students assigned to a closed campus to attend the repurposed campus if there is no other campus in the district at which the students may enroll.

Noncontracted Repurposed Campus

The majority of students assigned to a campus that has been closed and repurposed may not have attended that campus in the previous school year if the campus was repurposed to serve a majority of grade levels not served at the original campus.

Enrollment Provision in Contract

A contract approved by the school board with a nonprofit organization must provide that a student residing in the attendance zone of the campus immediately before the campus was repurposed shall be admitted for enrollment at the repurposed campus.

Education Code 39A.113

Targeted Technical Assistance

If the commissioner determines that the basis for the unacceptable performance of a campus for more than two consecutive school years is limited to a specific condition that may be remedied with targeted technical assistance, the commissioner may require the district to contract for the appropriate technical assistance. *Education Code 39A.114*

Commissioner Authority

A decision by the commissioner under the campus turnaround plan subchapter of the Education Code is final and may not be appealed. *Education Code 39A.116*

Alternative Management

The commissioner shall appoint a monitor, conservator, management team, or board of managers whenever such action is required, as determined by 19 Administrative Code 1073. Action under any other section of 19 Administrative Code Chapter 97, Subchapter EE is not a prerequisite to acting under this section. *19 TAC 97.1073*

Solicitation of Proposals

If the commissioner orders alternative management of a campus, the commissioner shall solicit proposals from qualified nonprofit entities to assume management of the campus or appoint a school district as provided below. The commissioner may solicit proposals from qualified for-profit entities if a nonprofit entity has not responded to the commissioner's request for proposals.

The commissioner may appoint a school district to assume management of the campus if the district:

1. Is not the district in which the campus is located; and
2. Is located within the boundaries of the same regional education service center as the campus.

If a school district is appointed, the district shall assume management of the campus in the same manner as a qualified entity or in accordance with commissioner rule.

The commissioner may annually solicit proposals for the alternative management of a campus. The commissioner shall notify a qualified entity that has been approved as a provider under this section.

Education Code 39A.151

Qualifications of Managing Entity

To qualify for consideration as a managing entity, the entity must submit a proposal that provides information relating to the entity's management and leadership team that will participate in management of the campus under consideration, including information relating to individuals who have:

1. Documented success in whole school interventions that increased the educational and performance levels of students in campuses considered to have an unacceptable performance rating;
2. A proven record of effectiveness with programs assisting low-performing students;
3. A proven ability to apply research-based school intervention strategies;
4. A proven record of financial ability to perform under the management contract; and
5. Any other experience or qualifications the commissioner determines necessary.

In selecting a managing entity, the commissioner shall give preference to a qualified entity that:

1. Meets any of the commissioner's qualifications; and
2. Has documented success in educating students from similar demographic groups and with similar educational needs as the students who attend the campus to be operated by the managing entity.

Education Code 39A.152

Contract with Managing Entity

If the commissioner has ordered alternative management of a campus, the district shall execute a contract with an approved provider to serve as a managing entity for the campus. The term of the contract may not exceed five years with an option to renew the contract. The district must execute the contract and relinquish control of the campus before January 1 of the school year.

The management contract must include:

1. A provision describing the district's responsibilities in supporting the operation of the campus; and

2. Provisions approved by the commissioner requiring the managing entity to demonstrate improvement in campus performance, including negotiated performance measures.

Performance measures must be consistent with the priorities of Education Code Chapters 39 and 39A.

The management contract must be approved by the commissioner before the contract is executed. As appropriate, the commissioner may require the district, as a term of the contract, to support the campus in the same manner as the district was required to support the campus before the execution of the contract.

Education Code 39A.153; 19 TAC 97.1067

Extension of Management Contract

The commissioner may require a district to extend the term of a management contract with a managing entity if the commissioner determines that extending the contract on expiration of the initial term is in the best interest of the students attending the campus. The terms of the contract must be approved by the commissioner. *Education Code 39A.154*

Evaluation of Managing Entity

The commissioner shall evaluate a managing entity's performance on the first and second anniversaries of the date of the management contract.

If the evaluation fails to demonstrate improvement as negotiated under the management contract by the first anniversary of the date of the contract, the district may:

1. Terminate the contract, with the commissioner's consent, for nonperformance or breach of contract; and

2. Select another provider from an approved list provided by the commissioner.

If the evaluation fails to demonstrate significant improvement, as determined by the commissioner, by the second anniversary of the date of the management contract, the district shall:

1. Terminate the contract; and

2. Select another provider from an approved list provided by the commissioner or resume operation of the campus if approved by the commissioner.

If the commissioner approves the district's resumed operation of the campus, the commissioner shall assign a technical assistance team to assist the campus.

Education Code 39A.155

Cancellation of Management Contract

If a campus receives an unacceptable performance rating for two consecutive school years after a managing entity assumes management of the campus, the commissioner shall cancel the contract with the managing entity. *Education Code 39A.156*

Return of Management to District

Unless a campus has an unacceptable performance rating for three consecutive school years [see Continued Unacceptable Performance Rating, above], at the end of a management contract term or on the cancellation of a management contract, the board shall resume management of the campus. *Education Code 39A.157*

Applicability of Accountability Provisions

Each campus operated by a managing entity is subject to Education Code Chapters 39 and 39A in the same manner as any other campus in the district. *Education Code 39A.158*

Funding

The funding for a campus operated by a managing entity may not be less than the funding of the other campuses in the district on a per student basis so that the managing entity receives at least the same funding the campus would otherwise have received. *Education Code 39A.159*

Open Meetings and Public Information

With respect to the management of a campus by a managing entity:

1. A managing entity is considered to be a governmental body for purposes of the Texas Open Meetings Act and Public Information Act; and

2. Any requirement in the Texas Open Meetings Act or Public Information Act that applies to a school district or the board of trustees of a district applies to a managing entity.

Education Code 39A.160

Board of Managers

General Powers and Duties

A board of managers may exercise all of the powers and duties assigned to a board of trustees of a school district by law, rule, or regulation.

A board of managers appointed by the commissioner is required to take appropriate actions to resolve the conditions that caused a campus to be subject to the commissioner's order, including

amending the district's budget, reassigning staff, or relocating academic programs. The commissioner may adopt rules necessary to implement this subsection.

Education Code 39A.201

Board of Managers of District

If the commissioner appoints a board of managers to govern a district:

1. The powers of the board are suspended for the period of the appointment; and
2. The commissioner shall appoint a district superintendent.

A board of managers appointed to govern a school district may amend the budget of the district.

Education Code Chapter 39A applies to a school district governed by a board of managers in the same manner it applies to any other district.

Education Code 39A.202

Board of Managers of Campus

If the commissioner appoints a board of managers to govern a campus:

1. The powers of the board of trustees of the school district in relation to the campus are suspended for the period of the appointment; and
2. The commissioner shall appoint a campus principal.

A board of managers appointed to govern a campus may submit to the commissioner for approval amendments to the budget of the school district for the benefit of the campus. If the commissioner approves the amendments, the board of trustees of the school district shall adopt the amendments.

Education Code 39A.203

Composition of Board of Managers

A board of managers appointed by the commissioner must, if possible, include community leaders, business representatives who have expertise in leadership, and individuals who have knowledge or expertise in the field of education. *Education Code 39A.204*

Training of Board of Managers

The commissioner must provide each individual appointed to a board of managers with training in effective leadership strategies. *Education Code 39A.205*

The training in effective leadership strategies shall be provided by TEA-approved authorized providers of board training to each individual appointed by the commissioner to a board of managers,

and, following the expiration of the appointment of the board of managers, to the board of trustees of the school district. *19 TAC 97.1073(h)*

Compensation

The commissioner may authorize payment of a board of managers from TEA funds.

A conservator or a member of a management team appointed to serve on a board of managers may continue to be compensated as determined by the commissioner.

Education Code 39A.206

Replacement of Member of Board of Managers

The commissioner may at any time replace a member of a board of managers. The commissioner may adopt rules necessary to implement this section. *Education Code 39A.207*

Expiration of Appointment

A board of managers shall, during the period of the appointment, order the election of members of the board of trustees of the school district in accordance with the law. The members of the board of trustees do not assume any powers or duties after the election until the appointment of the board of managers expires.

Not later than the second anniversary of the date the board of managers of a school district was appointed, the commissioner shall notify the board of managers and the board of trustees of the date on which the appointment of the board of managers will expire. Following each of the last three years of the period of the appointment, one-third of the members of the board of managers shall be replaced by the number of members of the board of trustees who were elected at an election that constitutes, as closely as possible, one-third of the membership of the board of trustees.

If, before the second anniversary of the date the board of managers of a school district was appointed, the commissioner determines, after receiving local feedback, that insufficient progress has been made toward improving the academic or financial performance of the district, the commissioner may extend the authority of the board of managers for a period of up to two additional years.

On the expiration of the appointment of the board of managers, the board of trustees assumes all of the powers and duties assigned to a board of trustees by law, rule, or regulation.

Following the expiration of the period of appointment of a board of managers for a school district, the commissioner shall provide training in effective leadership strategies to the board of trustees.

Education Code 39A.208; 19 TAC 97.1073

Removal of Board of Managers

The commissioner may remove a board of managers appointed to govern a school district only if the campus that was the basis for the appointment of the board of managers receives an acceptable performance rating for two consecutive school years.

If a campus that was the basis for the appointment of a board of managers receives an unacceptable performance rating for two additional consecutive years following the appointment of the board of managers, the commissioner may remove the board of managers and, in consultation with the local community, may appoint a new board of managers to govern the district.

Following the removal of a board of managers, or at the request of a managing entity to oversee the implementation of alternative management, the commissioner may appoint a conservator or monitor for the district to ensure district-level support for low-performing campuses and to oversee the implementation of the updated targeted improvement plan.

Education Code 39A.209; 19 TAC 97.1073

Challenge of Intervention or Sanction

A district that challenges the commissioner's decision to close the district or a campus or to pursue alternative management of a campus must appeal the decision as provided below.

Review of Sanctions by SOAH

A challenge is under the substantial evidence rule [see Government Code, Chapter 2001, Subchapter G]. The commissioner shall adopt procedural rules for a challenge under this section.

Notwithstanding other law:

1. The State Office of Administrative Hearings (SOAH) shall conduct an expedited review of a challenge;
2. The administrative law judge shall issue a final order not later than the 30th day after the date on which the hearing is finally closed;
3. The decision of the administrative law judge is final and may not be appealed; and
4. The decision of the administrative law judge may set an effective date for an action under this section.

Education Code 39A.301

Annual Review

The commissioner shall annually review the performance of a district or campus subject to intervention and sanction to determine the appropriate actions to be implemented.

The commissioner must review at least annually the performance of a district for which the accreditation status or performance rating

has been lowered due to insufficient student performance and may not raise the accreditation status or performance rating until the district has demonstrated improved student performance.

If the review reveals a lack of improvement, the commissioner shall increase the level of state intervention and sanction unless the commissioner finds good cause for maintaining the current status.

Education Code 39A.901

Increasing Intensity

If a district or campus does not exhibit improvement in student performance, the commissioner may increase the intensity of intervention and sanction that would otherwise be required by statute or rule, including ordering campus closure, district annexation, or appointment of a board of managers.

For purposes of this section, improvement means an increase in the scaled score for the overall academic performance rating under Education Code Chapter 39.

19 TAC 97.1070(a)–(b)

Special Accreditation Investigations

The commissioner may authorize a special accreditation investigation:

1. When excessive numbers of absences of students eligible to be tested on state assessment instruments are determined;
2. When excessive numbers of allowable exemptions from the required state assessment are determined;
3. In response to complaints to TEA of alleged violations of civil rights or other requirements imposed on the state by federal law or court order;
4. In response to established compliance reviews of the district's financial accounting practices and state and federal reporting requirements;
5. When extraordinary numbers of student placements in disciplinary alternative education programs, other than placements under Education Code 37.006 and 37.007, are determined;
6. In response to an allegation involving a conflict between members of the board or between the board and the district administration if it appears that the conflict involves a violation of a role or duty of the board members or the administration clearly defined by the Education Code. If TEA's findings indicate the board has observed a lawfully adopted policy, TEA may not substitute its judgment for that of the board;

7. When excessive numbers of students in special education programs are assessed through modified assessment instruments;

8. In response to an allegation regarding, or an analysis using a statistical method result indicating, a possible violation of an assessment instrument security procedure;

9. When a significant pattern of decreased academic performance has developed as a result of the promotion in the preceding two school years of students who did not perform satisfactorily on the state assessments;

10. When excessive numbers of students eligible to enroll fail to complete an Algebra II course or any other advanced course as determined by the commissioner;

11. When resource allocation practices indicate a potential for significant improvement in resource allocation;

12. When a disproportionate number of students of a particular demographic group is graduating with a particular endorsement;

13. When an excessive number of students is graduating with a particular endorsement;

14. When a school district for any reason fails to produce, at the request of TEA, evidence or an investigation report relating to an educator who is under investigation by the State Board for Educator Certification;

15. In response to a complaint with respect to alleged inaccurate data that is reported through PEIMS or through other reports required by state or federal law or rule or court order and that is used by TEA to make a determination relating to public school accountability, including accreditation, under Education Code Chapter 39;

16. In response to repeated complaints concerning imposition of excessive paperwork requirements on classroom teachers; or

17. As the commissioner otherwise determines necessary.

Education Code 39.057(a)–(c)

TEA shall adopt written procedures for conducting special accreditation investigations, including procedures that allow TEA to obtain information from district employees in a manner that prevents a district or campus from screening the information. *Education Code 39.058(a); 19 TAC 102.1401*

Commissioner Action

Based on the results of a special accreditation investigation, the commissioner may:

1. Take appropriate action under Education Code Chapter 39A, [see Interventions and Sanctions for School Districts, above];
2. Lower the district's accreditation status or a district's or campus's performance rating; or
3. Take action under both items 1 and 2 above.

Regardless of whether the commissioner lowers the accreditation status or a district's or campus's performance rating, the commissioner may impose one of the district- or campus-level interventions or sanctions under Education Code 39A.002 [see Interventions and Sanctions for School Districts, above].

Education Code 39.057(d), (e)

Miscellaneous Provisions

Acquisition of Professional Services

In addition to other authorized interventions and sanctions, the commissioner may order a district or campus to acquire professional services at the expense of the district or campus to address the applicable financial, assessment, data quality, program, performance, or governance deficiency. The commissioner's order may require the district or campus to:

1. Select or be assigned an external auditor, data quality expert, professional authorized to monitor district assessment instrument administration, or curriculum or program expert; or
2. Provide for or participate in the appropriate training of district staff or board members in the case of a district, or campus staff, in the case of a campus.

Education Code 39A.902

Costs Paid by District

The costs of providing a monitor, conservator, management team, campus intervention team, technical assistance team, managing entity, or service provider shall be paid by the district. If the district fails or refuses to pay the costs in a timely manner, the commissioner may:

1. Pay the costs using amounts withheld from any funds to which the district is otherwise entitled; or
2. Recover the amount of the costs in the manner provided for recovery of an over allocation of state funds under Education Code 48.272.

Education Code 39A.903

Monitoring Reviews and On-Site Investigations

Except as provided by Education Code 7.028(a), the commissioner may direct TEA to conduct monitoring reviews and random on-site visits of a district at any time, as authorized by Education Code 7.028, only as necessary to ensure:

1. Compliance with federal law and regulations;
2. Financial accountability, including compliance with grant requirements; and
3. Data integrity for purposes of:
    a. The Public Education Information Management System (PEIMS);
    b. Accountability under Education Code Chapter 39 and 39A; and
4. Qualification for funding under Chapter 48.

A monitoring review may include desk reviews and on-site visits, including random on-site visits. In conducting a monitoring review, TEA may obtain information from administrators, other district employees, parents of students enrolled in the district, and other persons as necessary.

The commissioner may at any time convert a monitoring review to a special accreditation investigation under Education Code 39.057, provided the commissioner promptly notifies the district of the conversion. TEA shall give written notice to the superintendent and the board of any impending monitoring review.

TEA shall report in writing to the superintendent and president of the board and shall make recommendations concerning any necessary improvements or sources of aid such as regional education service centers. A district that takes action with regard to the recommendations provided by TEA shall make a reasonable effort to seek assistance from a third party in developing an action plan to improve district performance using improvement techniques that are goal-oriented and research-based.

Education Code 7.028, 39.056

Immunity from Civil Liability

An employee, volunteer, or contractor acting on behalf of the commissioner, or a member of a board of managers appointed by the commissioner, is immune from civil liability to the same extent as a professional employee of a district under Education Code 22.051. *Education Code 39A.904*

Campus Name Change	In reconstituting, repurposing, or imposing any other intervention or sanction on a campus, the commissioner may not require that the name of the campus be changed. *Education Code 39A.905*
Transitional Interventions and Sanctions	For a campus that received an unacceptable performance rating for the 2013–14, 2014–15, and 2015–16 school years, the commissioner may apply the interventions and sanctions authorized by Chapter 39 as that chapter existed on January 1, 2015, to the campus. If a campus receives an unacceptable performance rating for the 2016–17 and 2017–18 school years, the commissioner shall apply the interventions and sanctions authorized when a campus has an unacceptable performance rating for three consecutive school years under current law. For a campus that received an acceptable performance rating for the 2013–14 school year and an unacceptable performance rating for the 2014–15 and 2015–16 school years, the commissioner shall apply interventions and sanctions in current law to the campus. If the campus receives an unacceptable performance rating for the 2016–17, 2017–18, and 2018–19 school years, the commissioner shall apply the interventions and sanctions authorized when a campus has an unacceptable performance rating for three consecutive school years under current law. These transition provisions expire September 1, 2020. *Education Code 39A.906*
Special Program Performance: Intervention Stages	The commissioner shall assign a district to an intervention stage based on performance levels under 19 Administrative Code 97.1005 (Performance-Based Monitoring Analysis System) [see AIB] according to the criteria and requirements in 19 Administrative Code 97.1071. Intervention actions taken under this section are intended to assist the district in raising its performance and/or achieving compliance under 19 Administrative Code 97.1005 and do not preclude or substitute for a sanction under another provision of Chapter 97, Subchapter EE. *19 TAC 97.1071*
Intervention Pause	Except as otherwise provided by 19 Administrative Code 97.1062 and unless extended by the commissioner, TEA will cease to enforce the interventions under Education Code 39A.101-39A.111 until conclusion of the second consecutive school year of operation under:

1. A partnership as defined by 19 Administrative Code 97.1077(a)(2), (b), or (c) of this title [see ELA]; or

2. Designation as a mathematics innovation zone under Education Code 28.020 and applicable rules.

Any intervention or sanction not covered by the provision above shall continue.

If a campus ceases to qualify for the intervention pause at any point during a school year, TEA will resume previously ordered interventions and sanctions, order interventions and sanctions based on the rating from that school year, and count that rating for purposes of consecutive years of performance.

19 TAC 97.1062

Failure to Submit EOP

If TEA receives notice from the Texas School Safety Center of a district's failure to submit a multihazard emergency operations plan [see CKC], the commissioner may appoint a conservator for the district under Education Code Chapter 39A. The conservator may order the district to adopt, implement, and submit a multihazard emergency operations plan. If a district fails to comply with a conservator's order to adopt, implement, and submit a multihazard emergency operations plan within the time frame imposed by the commissioner, the commissioner may appoint a board of managers under Education Code Chapter 39A to oversee the operations of the district. *Education Code 37.1082(a)–(b)*

Note: The following provisions apply to a district with a central administrative office that is located in a county with a population of more than two million and that has a student enrollment that is more than 125,000 and less than 200,000, and that is operating under a turnaround plan.

Student Board Member

Notwithstanding Education Code 11.051(b) (number of trustees on a school board), the board may adopt a resolution establishing as a nonvoting member a student trustee position. If a board adopts such a resolution, the board shall adopt a policy addressing the topics specified in statute. *Education Code 11.0511*

Note: If the district is subject to a court order or other binding legal determination, the district shall conduct its elections in accordance with that court order or determination, applicable law, and this policy. To the extent of any conflict, the court order or other legal determination shall prevail. [See BBB(LOCAL)]

Eligibility

To be eligible to be a candidate for, or elected or appointed to, the office of school board member, a person must:

1. Be a United States citizen.
2. Be 18 years of age or older on the first day of the term to be filled at the election or on the date of appointment, as applicable.
3. Have not been determined by a final judgment of a court exercising probate jurisdiction to be totally mentally incapacitated or partially mentally incapacitated without the right to vote.
4. Have not been finally convicted of a felony from which the person has not been pardoned or otherwise released from the resulting disabilities [but see Ineligibility below].
5. Have resided continuously in the state for 12 months and in the territory from which the office is elected for six months immediately preceding the following date:
    a. For an independent candidate, the date of the regular filing deadline for a candidate's application for a place on the ballot.
    b. For a write-in candidate, the date of the election at which the candidate's name is written in.
    c. For an appointee to an office, the date the appointment is made.
6. Be registered to vote in the territory from which the office is elected on the date described at item 5, above.

Election Code 1.020, 141.001(a); Education Code 11.066; Gov't Code 601.009; Tex. Const. Art. XVI, Sec. 14

Qualified Voter

A person may not be elected trustee of an independent school district unless the person is a qualified voter. *Education Code 11.061(b)*

"Qualified voter" means a person who:

1. Is 18 years of age or older;

2. Is a United States citizen;

3. Has not been determined by a final judgment of a court exercising probate jurisdiction to be totally mentally incapacitated or partially mentally incapacitated without the right to vote;

4. Has not been finally convicted of a felony [see also Atty. Gen. Op. LO 96-114 (1996) (concluding that caveat at Election Code 11.002 does not mitigate blanket prohibition in Election Code 141.001, above at Eligibility)];

5. Is a resident of this state; and

6. Is a registered voter.

Election Code 1.020, 11.002

Residency

"Residence" Defined

"Residence" means domicile, one's home and fixed place of habitation to which one intends to return after any temporary absence; one does not lose one's residence status by leaving to go to another place for temporary purposes only. A person does not acquire a residence in a place to which the person has come for temporary purposes only and without the intention of making that place the person's home. Residence shall be determined in accordance with the common-law rules, as enunciated by the courts of this state, except as otherwise provided by the Election Code. *Election Code 1.015*

Note: The issue of whether a candidate has satisfied residency requirements should be judicially determined. *State v. Fischer, 769 S.W.2d 619 (Tex. App.—Corpus Christi 1989, writ dism'd w.o.j.)*

Intent to Return

For purposes of satisfying the continuous residency requirement, a person who claims an intent to return to a residence after a temporary absence may establish that intent only in accordance with Election Code 141.001(a-1), which does not apply to a person displaced from the person's residence due to a declared local, state, or national disaster. *Election Code 141.001(a-1)–(a-2)*

Single-Member Districts

A candidate for board member representing a single-member district must be a resident of the district the candidate seeks to represent. *Education Code 11.052(g)*

Ineligibility

A person is ineligible to serve as a member of the board of a district if the person has been convicted of a felony or an offense under Penal Code 43.02(b) (prostitution). *Education Code 11.066*

Note: If the district is subject to a court order or other binding legal determination, the district shall conduct its elections in accordance with that court order or determination, applicable law, and this policy. To the extent of any conflict, the court order or other legal determination shall prevail. [See BBB(LOCAL)]

Tie Votes

Second Election

In an election requiring a plurality, if two or more candidates for the same office tie for the number of votes required to be elected, a second election to fill the office shall be held in accordance with the deadlines and other requirements of Election Code 2.002.

Other Options

Casting Lots

The tying candidates may agree to cast lots to resolve the tie. The agreement must be filed with the board. The board president shall supervise the casting of lots.

Withdrawal

A tying candidate may resolve the tie by filing with the board a signed and acknowledged written statement of withdrawal. On receipt of the statement, the remaining candidate is the winner, and a second election or casting of lots is not held.

Automatic Recount

If the tie is not resolved by casting lots or withdrawal, an automatic recount shall be conducted under Election Code Chapter 216 before the second election is held.

Election Code 2.002

Runoff Election

In a district in which trustees are elected by majority vote under Education Code 11.057(c) [see BBB], if no candidate for a particular office receives the vote necessary to be elected, a runoff election for that office is required. *Election Code 2.021 et seq.*

If the candidates in a runoff election tie, an automatic recount shall be conducted under Election Code Chapter 216. If the recount does not resolve the tie, the tied candidates shall cast lots to determine the winner. The board president shall supervise the casting of lots. A tying candidate may resolve the tie by filing with the board president a signed and acknowledged written statement of withdrawal. On receipt of the statement, the remaining candidate is the winner, and a casting of lots is not held. *Election Code 2.028*

Ballot Order

The order of the candidates' names on the ballot of any resulting runoff election or election held to resolve a tie vote shall be the relative order of names on the original election ballot. *Election Code 2.002(d), 52.094(a)*

Recounts

The district shall conduct an authorized recount in accordance with Election Code Title 13. *Election Code 211.001*

A candidate in a board election may obtain an initial recount in an election if the difference in the number of votes received by the candidate and any candidate for the office who is shown by the election returns to be elected, tied, or entitled to a place on a runoff ballot, if applicable, is less than ten percent of that candidate's number of votes, or the total number of votes received by all candidates for the office is less than 1,000. *Election Code 212.022*

A ground for obtaining an initial recount is not required to obtain an initial recount of electronic voting system results. A candidate may obtain an initial recount of electronic voting system results in an election only if the candidate is shown by the election returns not to be elected. *Election Code 212.0241*

An initial recount may not be conducted unless an authorized candidate submits a petition for the recount to the presiding officer of the local canvassing authority in accordance with Election Code Chapter 212, Subchapter B, accompanied by a deposit to cover the costs of the recount in accordance with Subchapter E. *Election Code 212.025, .026, .111*

Effect of Petition

The submission of a recount petition before a board completes its canvass does not delay the canvass for the office involved in the recount. The board shall make a notation on the tabulation of any office involved in a recount. The submission of a recount petition delays the issuance of a certificate of election and qualification for the office involved in the recount pending completion of the recount. A candidate may not qualify for an office involved in a recount before completion of the recount. This provision does not affect a candidate who has received a certificate of election and qualified for office before the submission of a recount petition involving the office. *Election Code 212.033, .0331*

Canvass Returns

General Rule

Except as provided below, a board shall convene to conduct the local canvass at the time set by the presiding officer not later than the 11th day after election day and not earlier than the later of:

1. The third day after election day;
2. The date on which the early voting ballot board has verified and counted all provisional ballots, if a provisional ballot has been cast in the election; or
3. The date on which all timely received ballots cast from addresses outside of the United States are counted, if a ballot to be voted by mail in the election was provided to a person outside of the United States.

Election Code 67.003(b)

November Election—Even-Numbered Years

For an election held on the date of the general election for state and county officers (the first Tuesday after the first Monday in November in even-numbered years under Election Code 41.002), the time for the canvass may be set not later than the 14th day after election day. *Election Code 65.051(a-1), 67.003(c)*

Quorum for Canvass

Two members of a board constitute a quorum for purposes of canvassing an election.

At the time set for convening the board for the local canvass, the presiding officer shall deliver the sealed precinct returns to the board. The board shall open the returns for each precinct and canvass them as provided by Election Code 67.004.

Minutes

The presiding officer shall note the completion of the canvass in the minutes or in the recording required by the Open Meetings Act (Government Code 551.021). [See BE]

Election Code 67.004(a), (g)

Certificate of Election

After the completion of a canvass, the presiding officer shall prepare a certificate of election for each candidate who is elected to an office for which the official result is determined by the board's canvass. A certificate of election must contain:

1. The candidate's name;
2. The office to which the candidate is elected;
3. A statement of election to an unexpired term, if applicable;
4. The date of the election;
5. The signature of the officer preparing the certificate; and
6. Any seal used by the officer preparing the certificate to authenticate documents that the officer executes or certifies.

The authority preparing a certificate of election shall promptly deliver it to the person for whom it is prepared, subject to the submission of a recount petition. [See Effect of Petition, above]

A certificate of election may not be issued to a person who has been declared ineligible to be elected to the office.

Election Code 67.016

Certificate for Unopposed Candidate

A certificate of election shall be issued to each unopposed candidate declared elected in the same manner and at the same time as provided for a candidate elected at the election. The candidate must qualify for the office in the same manner as provided for a

candidate elected at the election. *Election Code 2.053(e)* [See BBBA regarding the election of an unopposed candidate.]

Officer's Statement

All elected and appointed board members, before taking the oath or affirmation of office and entering upon the duties of office, shall sign the required officer's statement. The statement shall be retained with the official records of the office. *Tex. Const. Art. XVI, Sec. 1(b), (c)*

Oath of Office

All elected and appointed trustees, before they enter upon the duties of the office, shall take the official oath or affirmation of office. Newly elected trustees shall file their official oaths with the board president. *Tex. Const. Art. XVI, Sec. 1(a); Education Code 11.061(a)*

The oath may be administered and a certificate of the fact given by the individuals listed at Government Code 602.002, including:

1. A judge, retired judge, or clerk of a municipal court.
2. A judge, retired judge, senior judge, clerk, or commissioner of a court of record.
3. A justice of the peace or clerk of a justice court.
4. A notary public.

Gov't Code 602.002

Election Records

Except as otherwise provided by the Election Code, a district shall preserve the precinct election records distributed to it for at least 22 months after election day. *Election Code 66.058(a)* [See CPC]

Destruction of Records

After expiration of the prescribed period for preserving election records under the Election Code, the records may be destroyed or otherwise disposed of unless, at the expiration of the preservation period, an election contest or a criminal investigation or proceeding connected with the election is pending. In that case, the records shall be preserved until the contest, investigation, or proceeding is completed and the judgment, if any, becomes final. *Election Code 1.013*

Open Meetings Act Training

Not later than the 90th day after taking the oath of office, each board member shall complete training of not less than one and not more than two hours regarding the responsibilities of the board and its members under Government Code Chapter 551 (Texas Open Meetings Act).

The attorney general may provide the training and may also approve other acceptable sources of training.

The board shall maintain and make available for public inspection the record of its members' completion of the training. The failure of one or more members of the board to complete the training does not affect the validity of an action taken by the board.

Gov't Code 551.005

Public Information Act Training

Not later than the 90th day after taking the oath of office, each board member shall complete training of not less than one and not more than two hours regarding the responsibilities of the board and its officers and employees under Government Code Chapter 552 (Public Information Act). A board member may designate a public information coordinator to satisfy the training for the board member if the public information coordinator is primarily responsible for administering the responsibilities of the board member or board under the Public Information Act. [See GBAA regarding public information coordinator training] *Gov't Code 552.012*

SBOE-Required Training

A trustee must complete any training required by the State Board of Education (SBOE). *Education Code 11.159*

The SBOE's framework for governance leadership [see BBD(EXHIBIT)] shall be distributed annually by the board president to all current board members and the superintendent. *19 TAC 61.1(a)*

The continuing education required under Education Code 11.159 applies to each member of the board. To the extent possible, an entire board shall participate in continuing education programs together. *19 TAC 61.1(b), (i)*

No continuing education shall take place during a board meeting unless that meeting is called expressly for the delivery of board member continuing education. Continuing education may take place prior to or after a legally called board meeting in accordance with Government Code 551.001(4) (definition of "meeting"). *19 TAC 61.1(e)*

A regional education service center (ESC) board member continuing education program shall be open to any interested person, in-

cluding a current or prospective board member. A district is not responsible for any costs associated with individuals who are not current board members. *19 TAC 61.1(f)*

Annually, the SBOE shall commend those board-superintendent teams that complete at least eight hours of the continuing education specified at Team Building and Additional Continuing Education, below, as an entire board-superintendent team.

Annually, the SBOE shall commend board-superintendent teams that effectively implement the commissioner of education's trustee improvement and evaluation tool developed under Education Code 11.182 [see BG] or any other tool approved by the commissioner.

19 TAC 61.1(k), (l)

Verification

For each training described below, the provider of continuing education shall provide verification of completion of board member continuing education to the individual participant and to the participant's school district. The verification must include the provider's authorization or registration number. *19 TAC 61.1(h)*

Reporting

At the last regular board meeting before an election of trustees, the board president shall announce the name of each board member who has completed the required continuing education, who has exceeded the required hours of continuing education, and who is deficient in meeting the required continuing education as of the anniversary of the date of each board member's election or appointment to the board or two-year anniversary of his or her previous training, as applicable. The announcement shall state that completing the required continuing education is a basic obligation and expectation of any board member under SBOE rule. The minutes of the last regular board meeting held before an election of trustees must reflect whether each trustee has met or is deficient in meeting the training required for the trustee as of the first anniversary of the date of the trustee's election or appointment or two-year anniversary of his or her previous training, as applicable. The president shall cause the minutes to reflect the announcement and, if the minutes reflect that a trustee is deficient in training as of the anniversary of his or her joining the board, the district shall post the minutes on the district's internet website within ten business days of the meeting and maintain the posting until the trustee meets the requirements. *19 TAC 61.1(j); Education Code 11.159(b)*

Local District Orientation

Each board member shall complete a local district orientation session. The purpose of the local orientation is to familiarize new board members with local board policies and procedures and district goals and priorities.

A candidate for school board may complete the training up to one year before he or she is elected or appointed. A newly elected or appointed board member who did not complete this training in the year preceding his or her election or appointment must complete the training within 120 calendar days after election or appointment.

The orientation shall:

1. Be at least three hours in length.
2. Address local district practices in the following, in addition to topics chosen by the local district:
    a. Curriculum and instruction;
    b. Business and finance operations;
    c. District operations;
    d. Superintendent evaluation; and
    e. Board member roles and responsibilities.

Each board member should be made aware of the continuing education requirements of 19 Administrative Code 61.1 and those of the following:

1. Open meetings act in Government Code 551.005 [see Open Meetings Act Training above];
2. Public information act in Government Code 552.012 [see Public Information Act Training above]; and
3. Cybersecurity in Government Code 2054.5191 [see CQB].

The orientation shall be open to any board member who chooses to attend.

19 TAC 61.1(b)(1)

Education Code Orientation

Each board member shall complete a basic orientation to the Education Code and relevant legal obligations. The orientation shall have special, but not exclusive, emphasis on statutory provisions related to governing Texas school districts.

A candidate for school board may complete the training up to one year before he or she is elected or appointed. A newly elected or appointed board member who did not complete this training in the year preceding his or her election or appointment must complete the training within 120 calendar days after election or appointment.

The orientation shall be at least three hours in length. Topics shall include, but not be limited to, Education Code Chapter 26 (Parental

Rights and Responsibilities) and Education Code 28.004 (Local School Health Advisory Council and Health Education Instruction).

The orientation shall:

1. Be provided by an ESC.

2. Be open to any board member who chooses to attend.

The continuing education may be fulfilled through online instruction, provided that the training incorporates interactive activities that assess learning and provide feedback to the learner and offers an opportunity for interaction with the instructor.

19 TAC 61.1(b)(2)

Legislative Update

After each session of the Texas Legislature, including each regular session and called session related to education, each board member shall complete an update to the basic orientation to the Education Code.

The update session shall be of sufficient length to familiarize board members with major changes in statute and other relevant legal developments related to school governance.

The update shall be provided by an ESC or a registered provider [see Registered Provider, below].

A board member who has attended an ESC basic orientation session described at Education Code Orientation, above, that incorporated the most recent legislative changes is not required to attend an update.

The continuing education may be fulfilled through online instruction, provided that the training is designed and offered by a registered provider, incorporates interactive activities that assess learning and provide feedback to the learner, and offers an opportunity for interaction with the instructor.

19 TAC 61.1(b)(3)

Team Building

The entire board shall participate with their superintendent in a team-building session.

The purpose of the team-building session is to enhance the effectiveness of the board-superintendent team and to assess the continuing education needs of the board-superintendent team.

The session shall be held annually and shall be at least three hours in length.

The session shall include a review of the roles, rights, and responsibilities of the board as outlined in the framework for governance leadership. [See BBD(EXHIBIT)] The assessment of needs shall be based on the framework for governance leadership and shall be used to plan continuing education activities for the year for the governance leadership team.

The team-building session shall be provided by an ESC or a registered provider [see Registered Provider and Authorized Provider, below].

19 TAC 61.1(b)(4)

Additional Continuing Education (Based on Assessed Needs)

In addition to the continuing education requirements set out above, each board member shall complete additional continuing education based on the framework for governance leadership. [See BBD(EXHIBIT)]

The purpose of continuing education is to address the continuing education needs referenced at Team Building above.

The continuing education shall be completed annually.

At least 50 percent of the continuing education shall be designed and delivered by persons not employed or affiliated with the board member's school district. No more than one hour of the required continuing education that is delivered by the district may use self-instructional materials.

The continuing education shall be provided by an ESC or a registered provider [see Registered Provider, below].

The continuing education may be fulfilled through online instruction, provided that the training is designed and offered by a registered provider, incorporates interactive activities that assess learning and provide feedback to the learner, and offers an opportunity for interaction with the instructor.

First Year

In a board member's first year of service, he or she shall complete at least ten hours of continuing education in fulfillment of assessed needs

Subsequent Years

Following a board member's first year of service, he or she shall complete at least five hours of continuing education annually in fulfillment of assessed needs.

Board President

A board president shall complete continuing education related to leadership duties of a board president as some portion of the annual requirement.

19 TAC 61.1(b)(5)

Evaluating Student Academic Performance

Each board member shall complete continuing education on evaluating student academic performance and setting individual campus goals for early childhood literacy and mathematics and college, career, and military readiness.

The purpose of the training on evaluating student academic performance is to provide research-based information to board members that is designed to support the oversight role of the board of trustees outlined in Education Code 11.1515. [See BAA]

The purpose of the continuing education on setting individual campus goals for early childhood literacy and mathematics and college, career, and military readiness is to facilitate boards meeting the requirements of Education Code 11.185 and 11.186.

A candidate for school board may complete the training up to one year before he or she is elected or appointed. A newly elected or appointed board member who did not complete this training in the year preceding his or her election or appointment must complete the training within 120 calendar days after election or appointment.

The continuing education shall be completed every two years and shall be at least three hours in length.

The continuing education required by this provision shall include, at a minimum:

1. Instruction in school board behaviors correlated with improved student outcomes with emphasis on:
    a. Setting specific, quantifiable student outcome goals; and
    b. Adopting plans to improve early literacy and numeracy and college, career, and military readiness for applicable student groups evaluated in the Closing the Gaps domain of the state accountability system established under Education Code Chapter 39;
2. Instruction in progress monitoring practices to improve student outcomes; and
3. Instruction in state accountability with emphasis on the Texas Essential Knowledge and Skills, state assessment instruments administered under Education Code Chapter 39, and the state accountability system established under Chapter 39.

The continuing education shall be provided by an authorized provider [see Authorized Provider, below].

If the training is attended by an entire board and its superintendent, includes a review of local school district data on student achievement, and otherwise meets the requirements described at Team

Building above, the training may serve to meet a board member's obligation to complete training described at Team Building and at Evaluating Student Academic Performance, above, as long as the training complies with the Texas Open Meetings Act.

19 TAC 61.1(b)(6)

Identifying and Reporting Abuse

Each board member shall complete continuing education on identifying and reporting potential victims of sexual abuse, human trafficking, and other maltreatment of children in accordance with Education Code 11.159(c)(2).

A candidate for school board may complete the training up to one year before he or she is elected or appointed. A newly elected or appointed board member who did not complete this training in the year preceding his or her election or appointment must complete the training within 120 calendar days after election or appointment.

The training shall be completed every two years and shall be at least one hour in length.

The training must familiarize board members with the requirements of Education Code 38.004 and 38.0041, and 19 Administrative Code 61.1051 (relating to Reporting Child Abuse or Neglect, Including Trafficking of a Child).

The training required by this provision shall include, at a minimum:

1. Instruction in best practices of identifying potential victims of child abuse, human trafficking, and other maltreatment of children;

2. Instruction in legal requirements to report potential victims of child abuse, human trafficking, and other maltreatment of children; and

3. Instruction in resources and organizations that help support victims and prevent child abuse, human trafficking, and other maltreatment of children.

The training sessions shall be provided by a registered provider [see Registered Provider, below].

This training may be completed online, provided that the training is designed and offered by a registered provider, incorporates interactive activities that assess learning and provide feedback to the learner, and offers an opportunity for interaction with the instructor.

19 TAC 61.1(b)(7)

Training Provider

Registered Provider

For the purposes of 19 Administrative Code 61.1, a registered provider has demonstrated proficiency in the content required for a specific training. A private or professional organization, school district, government agency, college/university, or private consultant shall register with the Texas Education Agency (TEA) to provide the board member continuing education required by 19 Administrative Code 61.1(b)(3), (5), and (7) [see Legislative Update, Additional Continuing Education, and Identifying and Reporting Abuse, above].

A district that provides continuing education exclusively for its own board members is not required to register under 19 Administrative Code 61.1(c)(1)–(2).

19 TAC 61.1(c)

Authorized Provider

An authorized provider meets all the requirements of a registered provider and has demonstrated proficiency in the content required by 19 Administrative Code 61.1(b)(4) and (6). Proficiency may be demonstrated in accordance with 19 Administrative Code 61.1(d).

A private or professional organization, school district, government agency, college/university, or private consultant may be authorized by TEA to provide the board member training required in 19 Administrative Code 61.1(b)(4) and (6).

An ESC shall be authorized by TEA to provide the board member training required in 19 Administrative Code 61.1(b)(4) and (6).

19 TAC 61.1(d)

[See above for 19 Administrative Code 61.1(b)(4) on Team Building and (b)(6) on Evaluating Student Academic Performance.]

Note: For cybersecurity training requirements, see CQB(LEGAL).

School Health Advisory Council

The board shall establish a local School Health Advisory Council (SHAC) to assist the district in ensuring that local community values are reflected in the district's health education instruction. *Education Code 28.004(a)* [See EHAA regarding duties of the SHAC.]

The SHAC shall meet at least four times each year. *Education Code 28.004(d-1)*

Composition

The board shall appoint at least five members to the SHAC. A majority of members must be persons who are parents of students enrolled in the district and who are not employed by the district. One of those members shall serve as chair or co-chair of the SHAC.

The board also may appoint one or more persons from each of the following groups or a representative from a group other than a group specified:

1. Classroom teachers employed by the district;
2. School counselors certified under Education Code Chapter 21, Subchapter B, employed by the district;
3. School administrators employed by the district;
4. District students;
5. Health-care professionals licensed or certified to practice in this state, including medical or mental health professionals;
6. The business community;
7. Law enforcement;
8. Senior citizens;
9. The clergy;
10. Nonprofit health organizations; and
11. Local domestic violence programs.

Education Code 28.004(d)

Physical Activity and Fitness Planning Subcommittee

The SHAC shall establish a physical activity and fitness planning subcommittee to consider issues relating to student physical activity and fitness and make policy recommendations to increase physical activity and improve fitness among students. *Education Code 28.004(l-1)*

Annual Report

In addition to its other duties, the SHAC shall submit to the board, at least annually, a written report that includes:

1. Any SHAC recommendation concerning the district's health education curriculum and instruction or related matters that the SHAC has not previously submitted to the board;
2. Any suggested modification to a SHAC recommendation previously submitted to the board;
3. A detailed explanation of the SHAC's activities during the period between the date of the current report and the date of the last prior written report; and
4. Any recommendations made by the physical activity and fitness planning subcommittee.

Education Code 28.004(m)

Changes in Curriculum

A district must consider the recommendations of the local SHAC before changing the district's health education curriculum or instruction. *Education Code 28.004(b)*

Public Statement

A district shall publish in the student handbook and post on the district's internet website, if the district has an internet website, a statement of:

1. The policies and procedures adopted to promote the physical health and mental health of students, the physical health and mental health resources available at each campus, contact information for the nearest providers of essential public health services under Health and Safety Code Chapter 121, and the contact information for the nearest local mental health authority;
2. The policies adopted to ensure that elementary school, middle school, and junior high school students engage in at least the amount and level of physical activity required by Education Code 28.002(l) [see EHAB and EHAC];
3. The number of times during the preceding year the SHAC has met;
4. Whether the district has adopted and enforces policies to ensure that district campuses comply with the Texas Education Agency's vending machine and food service guidelines for restricting student access to vending machines;
5. Whether the district has adopted and enforces policies and procedures that prescribe penalties for the use of e-cigarettes, as defined by Education Code 38.006, and tobacco products by students and others on school campuses or at school-sponsored or school-related activities [see DH and GKA];

6. Notice to parents that they can request in writing their child's physical fitness assessment results at the end of the school year [see FFAA]; and

7. Whether each campus in the district has a full-time nurse or full-time school counselor.

Education Code 28.004(k)

Within the context of current law, the District shall be guided by Board-adopted written policies that are given appropriate distribution and are accessible to staff members, parents, students, and community residents.

Organization

Legally referenced policies contain provisions from federal and state statutes and regulations, case law, and other legal authority that together form the framework for local decision making and implementation. These policies are binding on the District until the cited provisions are repealed, revised, or superseded by legislative, regulatory, or judicial action.

Legally referenced policies are not adopted by the Board.

At each policy code the legally referenced policy and the Board-adopted local policy must be read together to further a full understanding of a topic.

Terms

The terms "Trustee" and "Board member" are used interchangeably in the local policy manual. Both terms are intended to reflect all the duties and obligations of the office.

[See AB for District name terminology.]

Harmony with Law

Newly enacted law is applicable when effective. No policy or regulation, or any portion thereof, shall be operative if it is found to be in conflict with applicable law.

Severability

If any portion of a policy or its application to any person or circumstance is found to be invalid, that invalidity shall not affect other provisions or applications of policy that can be given effect without the invalid provision or application; and to this end the provisions of this policy manual are declared to be severable.

Policy Development

Policies and policy amendments may be initiated by the Superintendent, Board members, school personnel, or community citizens, but generally shall be recommended for the Board's consideration by the Superintendent.

Official Policy Manual

The Board shall designate one copy of the local policy manual as the official policy manual of the District. The official copy shall be kept in the central administration office, and the Superintendent shall be responsible for its accuracy and integrity and shall maintain a historical record of the District's policy manual.

Adoption and Amendment

Proposed local policies or amendments introduced and recommended to the Board at one meeting shall not be adopted until a subsequent meeting. Emergency adoption, however, may occur in one meeting if special circumstances demand an immediate response.

district improvement plan and improve-
are developed, reviewed, and revised
mproving the performance of all stu-
approve district and campus perfor-
ensure that the district and campus

to accomplish the identified objec-

the state goals and objectives under
er 4.

ared services arrangement for discipli-
rogram (DAEP) services shall ensure
plan and each campus-level plan in-
DAEP student group for the district.
the improvement plans shall include:

, including overrepresentation of stu-
ly disadvantaged families, with ethnic
ons, and with a disability who receive
imited English proficiency services;

ent results;

improvement plan that is developed,
ially, in accordance with district policy,
ne assistance of the district-level com-
istrict improvement plan is to guide dis-
improvement of student performance
r to attain state standards in respect to
Education Code 11.252(a) [See AIA]

vement of student performance is not
n Agency (TEA), but the district must
EA on request. *Education Code*

s become effective upon Board adoption or at a future
ted by the Board at the time of adoption.

eview of legally referenced policies and adoption of lo-
the new material shall be incorporated into the official
al and into other localized policy manuals maintained
t. If discrepancies occur between different copies of
the version contained in the official policy manual shall
as authoritative.

Required Provisions

The district improvement plan must include provisions for:

1. A comprehensive needs assessment addressing performance on the achievement indicators, and other appropriate measures of performance, that are disaggregated by all student groups served by a district, including categories of ethnicity, socioeconomic status, sex, and populations served by special programs, including students in special education programs under Education Code Chapter 29, Subchapter A.
2. Measurable district performance objectives for all appropriate achievement indicators for all student populations, including students in special education programs under Education Code Chapter 29, Subchapter A, and other measures of student performance that may be identified through the comprehensive needs assessment.
3. Strategies for improvement of student performance that include:
    a. Instructional methods for addressing the needs of student groups not achieving their full potential.
    b. Evidence-based practices that address the needs of students for special programs, including:
        (1) Suicide prevention programs, in accordance with Education Code Chapter 38, Subchapter G, which include a parental or guardian notification procedure [see FFEB];
        (2) Conflict resolution programs;
        (3) Violence prevention programs; and
        (4) Dyslexia treatment programs.
    c. Dropout reduction.
    d. Integration of technology in instructional and administrative programs.
    e. Positive behavior interventions and support, including interventions and support that integrate best practices on grief-informed and trauma-informed care.
    f. Staff development for professional staff of a district.
    g. Career education to assist students in developing the knowledge, skills, and competencies necessary for a broad range of career opportunities.

h. Accelerated education.

i. Implementation of a comprehensive school counseling program under Education Code 33.005. [See FFEA]

4. Strategies for providing to elementary school, middle school, junior high school, and high school students, those students' teachers and school counselors, and those students' parents information about:

   a. Higher education admissions and financial aid opportunities, including state financial aid opportunities such as the TEXAS grant program and the Teach for Texas grant program.

   b. The need for students to make informed curriculum choices to be prepared for success beyond high school.

   c. Sources of information on higher education admissions and financial aid.

5. Resources needed to implement identified strategies.

6. Staff responsible for ensuring the accomplishment of each strategy.

7. Timelines for ongoing monitoring of the implementation of each improvement strategy.

8. Formative evaluation criteria for determining periodically whether strategies are resulting in intended improvement of student performance.

9. The policy under Education Code 38.0041 addressing sexual abuse and other maltreatment of children. [See FFG]

10. The trauma-informed care policy required under Education Code 38.036. [See FFBA]

Education Code 11.252(a)

Law Enforcement Duties — The law enforcement duties of peace officers, school resource officers, and security personnel must be included in the district improvement plan. *Education Code 37.081(d)(1)* [See CKE]

Discipline Management — A district shall adopt and implement a discipline management program to be included in the district improvement plan. *Education Code 37.083(a)* [See FNC]

Dating Violence — A district shall adopt and implement a dating violence policy to be included in the district improvement plan. *Education Code 37.0831* [See FFH]

Mental Health, Substance Abuse, and Suicide

The practices and procedures developed under Education Code 38.351(i) (mental health promotion and intervention, substance abuse prevention and intervention, and suicide prevention) must be included in the district improvement plan. *Education Code 38.351(k)(2)* [See FFEB]

Campus-Level Plan

Each school year, the principal of each school campus, with the assistance of the campus-level committee, shall develop, review, and revise the campus improvement plan for the purpose of improving student performance for all student populations, including students in special education programs under Education Code Chapter 29, Subchapter A, with respect to the student achievement indicators and any other appropriate performance measures for special needs populations. *Education Code 11.253(c)*

Each campus improvement plan must:

1. Assess the academic achievement for each student in the school using the achievement indicator system.
2. Set the campus performance objectives based on the achievement indicator system, including objectives for special needs populations, including students in special education programs under Education Code Chapter 29, Subchapter A.
3. Identify how the campus goals will be met for each student.
4. Determine the resources needed to implement the plan.
5. Identify staff needed to implement the plan.
6. Set timelines for reaching the goals.
7. Measure progress toward the performance objectives periodically to ensure that the plan is resulting in academic improvement.
8. Include goals and methods for violence prevention and intervention on campus.
9. Provide for a program to encourage parental involvement at the campus.
10. If the campus is an elementary, middle, or junior high school, set goals and objectives for the coordinated health program at the campus based on:
    a. Student fitness assessment data, including any data from research-based assessments such as the school health index assessment and planning tool created by the federal Centers for Disease Control and Prevention;

b. Student academic performance data;

c. Student attendance rates;

d. The percentage of students who are educationally disadvantaged;

e. The use and success of any method to ensure that students participate in moderate to vigorous physical activity; and

f. Any other indicator recommended by the local school health advisory council.

Education Code 11.253(d)

Committee

A district's policy and procedures shall establish a district level planning and decision-making committee as provided by Education Code 11.251(b)–(e).

The committee shall include representative professional staff, parents of students enrolled in the district, business representatives, and community members. *Education Code 11.251(b)*

Professional Staff

A board shall adopt a procedure, consistent with Education Code 21.407(a) [see DGA], for the professional staff to nominate and elect the professional staff representatives who shall serve on the district-level committee. If practicable, the committee shall include at least one professional staff representative with the primary responsibility for educating students with disabilities.

At least two-thirds of the elected professional staff representatives must be classroom teachers. The remaining staff representatives shall include both campus- and district-level professional staff members.

Education Code 11.251(e)

Parents

Board policy shall provide procedures for the selection of parents to the district-level committee.

For purposes of establishing the composition of the committee:

1. A person who stands in parental relation to a student is considered a parent.
2. A parent who is an employee of a district is not considered a parent representative on the committee.
3. A parent is not considered a representative of community members on the committee.

Education Code 11.251(c), (e)

Business Representatives and Community Members

Board policy must provide procedures for the selection of community members and business representatives to serve on the district-level committee in a manner that provides for appropriate representation of the community's diversity.

The committee shall include a business representative without regard to whether the representative resides in the district or whether the business the person represents is located in the district.

Community members must reside in the district and must be at least 18 years of age.

Education Code 11.251(b), (c), (e)

Meetings

A board shall establish a procedure under which the district-level committee holds regular meetings. The board or designee shall periodically meet with the district-level committee to review the committee's deliberations. *Education Code 11.251(b)*

Public Meetings

The district-level committee shall hold at least one public meeting per year. The required meeting shall be held after receipt of the annual district performance report from TEA for the purpose of discussing the performance of a district and the district performance objectives. *Education Code 11.252(e)*

Communications

District policy and procedures must be established to ensure that systematic communications measures are in place to periodically obtain broad-based community, parent, and staff input and to provide information to those persons regarding the recommendations of the district-level committee. *Education Code 11.252(e)*

Consultation

A superintendent shall regularly consult the district-level committee in the planning, operation, supervision, and evaluation of the district educational program. *Education Code 11.252(f)*

Responsibilities

District Plan

The district-level committee shall assist the superintendent with the annual development, evaluation, and revision of the district improvement plan. *Education Code 11.252(a)* [See District Improvement Plan at BQ(LEGAL)]

Each school district and campus shall use the results from the teaching and learning conditions survey required by Education Code 7.065(a) to review and revise, as appropriate, the district-level or campus-level improvement plan, and for other purposes, as appropriate to enhance the district and campus learning environments. *Education Code 7.065(e)*

Dropout Prevention Review

A district-level committee of a district with a junior high, middle, or high school campus shall analyze information related to dropout prevention, including:

1. The results of the audit of dropout records;
2. Campus information related to graduation rates, dropout rates, high school equivalency certificate rates, and the percentage of students who remain in high school more than four years after entering grade 9;
3. The number of students who enter a high school equivalency certificate program and:
    a. Do not complete the program,
    b. Complete the program but do not take the high school equivalency examination, or

c. Complete the program and take the high school equivalency examination but do not obtain a high school equivalency certificate;

4. For students enrolled in grades 9 and 10, information related to academic credit hours earned, retention rates, and placements in disciplinary alternative education programs and expulsions under Chapter 37; and

5. The results of an evaluation of each school-based dropout prevention program in a district.

Each district-level committee shall use the information in developing the district improvement plan.

Education Code 11.255

Staff Development

For staff development under Education Code 21.451(a), a district may use district-wide staff development developed and approved through the district-level decision process. *Education Code 21.451(c)* [See DMA]

Note: See BF for information on the committee's role in requesting waivers.

A district shall maintain policies and procedures to ensure that effective planning and site-based decision making occur at each campus to direct and support the improvement of student performance for all students. *Education Code 11.253(a)*

Committees

A district's policy and procedures shall establish campus-level planning and decision-making committees as provided by Education Code 11.251(b)–(e).

The committees shall include representative professional staff, parents of students enrolled in a district, business representatives, and community members.

Education Code 11.251(b), .253(b)

Professional Staff

A board shall adopt a procedure, consistent with Education Code 21.407(a) [see DGA], for the professional staff to nominate and elect the professional staff representatives who shall serve on the campus-level committees. If practicable, a committee shall include at least one professional staff representative with the primary responsibility for educating students with disabilities.

At least two-thirds of the elected professional staff representatives must be classroom teachers. The remaining staff representatives shall include both campus- and district-level professional staff members.

Education Code 11.251(e)

Parents

Board policy shall provide procedures for the selection of parents to the campus-level committees.

For purposes of establishing the composition of committees:

1. A person who stands in parental relation to a student is considered a parent.
2. A parent who is an employee of a district is not considered a parent representative on the committee.
3. A parent is not considered a representative of community members on the committee.

Education Code 11.251(c), (e)

Business Representatives and Community Members

Board policy must provide procedures for the selection of community members and business representatives to serve on the committee in a manner that provides for appropriate representation of the community's diversity.

A committee shall include a business representative without regard to whether the representative resides in the district or whether the business the person represents is located in the district.

Community members must reside in the district and must be at least 18 years of age.

Education Code 11.251(b), (c), (e)

Meetings

A board shall establish a procedure under which campus-level committees hold regular meetings. *Education Code 11.251(b)*

Public Meeting

Each campus-level committee shall hold at least one public meeting per year. The required meeting shall be held after receipt of the annual campus rating from TEA to discuss the performance of the campus and the campus performance objectives. *Education Code 11.253(g)*

Communications

District policy and campus procedures must be established to ensure that systematic communications measures are in place to periodically obtain broad-based community, parent, and staff input, and to provide information to those persons regarding the recommendations of the campus-level committees. *Education Code 11.253(g)*

Consultation

A principal shall regularly consult the campus-level committee in the planning, operation, supervision, and evaluation of the campus educational program. *Education Code 11.253(h)*

Responsibilities

In accordance with the administrative procedures established under Education Code 11.251(b) [see BQ], the campus-level committee shall be involved in decisions in the areas of planning, budgeting, curriculum, staffing patterns, staff development, and school organization. *Education Code 11.251(d)*

Campus Improvement Plan

Each school year, the campus-level committee shall assist the campus principal with the development, review, and revision of the campus improvement plan. *Education Code 11.253(c)* [See Campus-Level Plan at BQ(LEGAL)]

Each school district and campus shall use the results from the teaching and learning conditions survey required by Education Code 7.065(a) to review and revise, as appropriate, the district-level or campus-level improvement plans, and for other purposes, as appropriate to enhance the district and campus learning environments. *Education Code 7.065(e)*

Staff Development

The campus-level committee must approve the portions of the campus plan addressing campus staff development needs. *Education Code 11.253(e)*

The staff development described by Education Code 21.451(a) must be predominantly campus-based, related to achieving campus performance objectives established under Education Code 11.253, and developed and approved by the campus-level committee. *Education Code 21.451(b)* [See DMA]

Dropout Prevention Review

A campus-level committee for a junior, middle, or high school campus shall analyze information related to dropout prevention, including:

1. The results of the audit of dropout records;
2. Campus information related to graduation rates, dropout rates, high school equivalency certificate rates, and the percentage of students who remain in high school more than four years after entering grade 9;
3. The number of students who enter a high school equivalency certificate program and:
   a. Do not complete the program;
   b. Complete the program but do not take the high school equivalency examination; or
   c. Complete the program and take the high school equivalency examination but do not obtain a high school equivalency certificate;
4. For students enrolled in grades 9 and 10, information related to academic credit hours earned, retention rates, and placements in disciplinary alternative education programs and expulsions under Chapter 37; and
5. The results of an evaluation of each school-based dropout prevention program in the district.

A campus-level committee shall use the information in developing the campus improvement plan.

Education Code 11.255

Principal Performance Incentives

A performance incentive awarded to a principal shall be distributed to the principal's school. The campus-level committee shall determine the manner in which the performance incentive shall be distributed and used, in accordance with Education Code 39.264(a). *Education Code 21.357(c)*

Note: See BF for information on the committee's role in requesting waivers.

Information Only

Consent Agenda Item: 4.B.1
Meeting Date: August 25, 2020
Submitted By: David Bright, Assistant Supt. for Finance & Operations

Business and Support Services	Review of Monthly Financial Reports for Month of July 2020.
Summary	Although there is no statutory or policy requirement for the Board to do so, reviewing the Monthly Financial Report is a good practice for the Board to follow in overseeing the management of the District. The report provides the Board with a current comparison of actual revenue and expenditures to the budget adopted for the General Fund. The Tax Collections Report provides the Board with the District's current tax collections for the fiscal year. The Cash Flow Report provides the Board with both a historical and current perspective of the District's monthly cash flow.
ECISD Board Policy	None.
Effective Date	July 31, 2020
Previous Board Action	Approval of 2019-2020 General Operating Budget on August 27, 2019.
Future Action Expected	The Board will review the monthly financial statements at each regular monthly board meeting.
Background Information and Significant Issues	The unaudited fund balance in the General Fund (Fund 199 only) on August 31, 2019 was $8,649,964, which is 25.76% of the approved General Fund operating expenditures (as defined in the AEIS Report) of $33,584,123. Fund balance designated for replacement of artificial turf at Ricebird Stadium is $150,000, leaving an undesignated fund balance of $8,499,964; or 25.34% of the approved General Fund operating expenditures (as defined in the AEIS Report).

Fiscal Impact None.

Student and Public Benefit Closely monitoring actual revenue and expenditures as compared to the adopted budget each month helps to ensure the efficient use of public funds.

Procedural and Reporting Implications None.

Public Comments None.

Alternatives None.

Other Comments and Related Issues

Financial Report. In the General Operating Fund, we have received 86.83% of our amended revenue projections; and expended 79.07% of our amended expenditure estimates.

Compared to the same time last year, our revenue increased by $628,495 and our expenditures increased by $988,021.

	2015-2016		2016-2017		2017-2018		2018-2019		2019-2020	
	Rev	Exp	Rev	Exp	Rev	Exp	Rev	Exp	Rev	Exp
Sep	9.16%	13.52%	9.52%	12.19%	10.17%	12.97%	10.71%	11.82%	11.48%	12.51%
Oct	17.27%	21.34%	17.85%	20.11%	19.45%	20.95%	20.45%	18.94%	21.76%	19.51%
Nov	22.80%	28.98%	27.59%	28.12%	28.89%	27.56%	31.14%	27.01%	30.13%	26.27%
Dec	39.16%	35.12%	41.32%	34.35%	41.90%	33.49%	44.04%	33.33%	43.81%	33.89%
Jan	59.00%	42.07%	58.41%	41.42%	59.09%	40.75%	62.84%	39.50%	59.77%	40.59%
Feb	65.53%	49.94%	65.27%	50.86%	65.17%	48.31%	68.87%	48.64%	66.22%	49.16%
Mar	67.50%	56.42%	67.46%	57.88%	67.29%	54.67%	71.28%	56.61%	68.06%	55.71%
Apr	72.22%	64.06%	72.39%	65.38%	72.22%	61.22%	76.61%	63.10%	72.80%	62.19%
May	77.76%	72.65%	76.21%	72.04%	76.12%	68.27%	80.77%	69.97%	82.62%	75.67%
Jun	82.90%	79.64%	81.90%	78.37%	81.98%	74.00%	88.34%	76.32%	86.83%	79.07%
Jul	88.57%	85.51%	84.87%	81.71%	88.73%	80.73%	95.33%	83.60%		
Aug	101.01%	99.54%	100.85%	97.42%	100.85%	97.42%	100.78%	99.12%		

Tax Collection Report. Our 2019-20 beginning tax levy of $15,041,843 has been adjusted by -$53,529 giving us a new adjusted levy of $14,988,314 and we have currently collected $14,555,734 which amounts to 97.11% of the adjusted levy. This leaves an uncollected balance of $432,581.

Delinquent collections YTD are $207,889 plus $193,281 in penalty and interest.

	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Oct	0.23%	0.00%	0.12%	0.28%	0.23%	0.17%

Nov	7.96%	1.76%	8.01%	8.48%	12.27%	7.10%
Dec	36.39%	38.01%	38.96%	38.26%	39.13%	39.24%
Jan	79.99%	81.34%	78.42%	79.61%	81.05%	78.42%
Feb	94.03%	94.03%	91.96%	92.41%	92.28%	92.22%
Mar	95.49%	95.25%	93.39%	93.94%	93.90%	93.97%
Apr	96.39%	95.99%	94.03%	94.97%	95.03%	94.58%
May	96.91%	96.69%	95.38%	96.06%	96.21%	95.55%
Jun	97.58%	97.59%	96.01%	96.62%	96.71%	96.27%
Jul	97.86%	98.00%	96.53%	97.23%	97.30%	97.11%
Aug	98.21%	98.06%	96.79%	97.49%	97.53%	
Sep	98.28%	98.13%	96.98%	97.60%	97.73%	

Cash Flow Report. The following spreadsheet shows the actual cash flow compared to the projected (historical) cash flow for the month.

	Month			Year-to-Date		
Fiscal Year	**2018-2019**	**2019-2020**	**Difference**	**2018-2019**	**2019-2020**	**Difference**
Revenue	$3,846,212	$2,812,396	($1,033,816)	$33,489,002	$34,041,578	$552,576
Expenditures	$4,359,308	$2,915,026	($1,444,282)	$29,630,258	$28,176,243	($1,454,015)
Balance	($513,096)	($102,630)	$410,466	$3,858,744	$5,865,335	$2,006,591

Attachments

- Monthly Financial Report – as of July 31, 2020
- Tax Collection Recap 2019-2020
- Cash Flow Report 2019-2020

Submitted by: David Bright, Assistant Superintendent of Finance and Operations

Recommendation: This is an information report only.

Bob Callaghan, Superintendent of Schools

199	GENERAL FUND	Actual Sep-19	Actual Oct-19	Actual Nov-19	Actual Dec-19	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Actual Jul-19	Actual Jul-20	Actual Aug-19	2018-19 Totals
	REVENUE:														
5700	**Local Revenue:**														
5711	Taxes Current Year	26,569	24,224	987,432	4,575,528	5,574,034	1,962,144	237,475	84,500	140,510	102,371	84,732	118,020	32,439	13,914,813
5712	Taxes Prior Years	4,599	30,448	13,043	8,511	22,632	19,532	29,018	14,026	22,834	15,103	21,306	23,700	11,144	275,374
5717	Excess Tax Proceeds	0	0	783	0		32,827	0	0	0	0	0	0	0	13,174
5719	Pen, Int, & Other	9,923	8,124	8,107	11,307	12,288	25,978	34,407	13,464	22,237	20,991	18,668	27,304	10,686	230,739
5730	Tuition and Fees	5,780	5,200	6,040	5,160	5,660	5,860	5,080	-320	0	0	5,913	2,745	1,040	68,905
5740	Other Local Sources	21,581	20,125	16,761	102,097	22,220	22,194	18,143	13,237	131,064	28,102	24,873	49,616	59,357	395,245
5750	Co/Curr Activities	23,200	27,649	14,261	1,827	9,093	5,102	653	1,396	0	0	11,725	0	18,205	119,399
5760	Other Sources	0	0	0	0	0	0	0	0	0	0		0	90	1,080
	Total Local Rev:	91,651	115,770	1,046,427	4,704,429	5,645,927	2,073,636	324,775	126,303	316,645	166,568	167,218	221,385	132,961	15,018,730
5800	**State Revenue:**														
5811	Available School Fund	0	137,822	52,266	101,883	30,415	30,415	53,272	52,936	103,861	103,861	122,703	145,353	196,060	1,631,888
5812	Foundation Entitlement	4,216,721	3,450,673	1,814,994	0	0	0	0	1,402,307	908,887	1,821,751	1,879,122	2,242,394	1,465,230	14,101,254
5812	Founda Ent-Prior Yr	0	0	0	0	0	0	0	0	0	0	23,644	30,450	0	281,860
5819	Foundation Rev-Other	38,957	0	0	0	0	0	0	0	0	0		0	205,795	205,795
5820	Misc State Program Rev	0	0	0	0	0	0	11,714	0	0	0		0	3,700	3,700
5831	TRS On-Behalf	130,372	130,371	129,667	135,583	134,214	135,290	134,016	133,524	137,032	138,778	117,390	131,743	198,524	1,434,024
	Total State Rev:	4,386,050	3,718,866	1,996,927	237,466	164,629	165,705	199,002	1,588,767	1,149,780	2,064,390	2,142,859	2,549,940	2,069,309	17,658,521
5900	**Federal Revenue:**														
5930	Federal	69	2,183	4,933	54,116	39,964	1,658	0	78,171	2,664	24,356	57,078	8,419	13,812	769,655
	Total Federal Rev:	69	2,183	4,933	54,116	39,964	1,658	0	78,171	2,664	24,356	57,078	8,419	13,812	769,655
7900	**Other Res/Non-Oper**														
	Other Res/Non-Oper	0	0	0	0	0	0	0	0	0	59,578	0	0	0	0
	Total Other Res:	0	0	0	0	0	0	0	0	0	59,578	0	0	0	0
	Total Revenue:	4,477,770	3,836,819	3,048,287	4,996,012	5,850,520	2,241,000	523,777	1,793,241	1,469,089	2,314,892	2,367,155	2,779,744	2,216,082	33,446,906
	EXPENDITURES:														
6000	**Expenditures:**														
6100	Payroll Costs	738,411	2,041,053	2,072,958	2,087,954	2,050,398	2,070,231	2,069,038	2,004,066	2,046,949	2,082,049	1,852,488	1,979,181	3,502,814	22,752,454
6200	Contracted Services	306,073	321,306	337,321	439,506	185,179	585,276	204,796	295,574	329,825	337,007	316,671	262,855	611,368	4,092,866
6300	Supplies & Materials	162,416	324,274	85,848	118,115	189,032	185,979	109,645	125,534	133,668	84,518	71,672	111,075	351,049	1,816,826
6400	Other Operating	389,432	59,676	36,816	200,448	38,341	212,744	12,404	6,470	186,717	48,784	224,431	231,665	20,107	1,668,979
6500	Debt Services	750	0	0	0	0	198,075	0	0	0	0	0	0	28,075	229,025
6600	Capital Outlay	5,061	46,890	0	7,863	11,937	87,710	510,795	0	43,545	0	358,167	174,129	189,652	1,220,153
8900	Other Uses/Non Operating	0		0	0	0	0	0	0	0	0	1,451,578	0	0	1,451,578
	Total Expenditures:	1,602,143	2,793,200	2,532,943	2,853,886	2,474,889	3,340,015	2,906,677	2,431,644	2,740,703	2,552,359	4,275,008	2,758,905	4,703,065	33,231,881
	ENDING BALANCE	2,875,627	1,043,619	515,344	2,142,126	3,375,631	-1,099,016	-2,382,900	-638,403	-1,271,614	-237,466	-1,907,853	20,839	-2,486,984	
	GF FB as of 8/31/19	8,649,964													
		11,525,591	12,569,211	13,084,554	15,226,680	18,602,311	17,503,295	15,120,396	14,481,993	13,210,378	12,972,912	11,136,949	12,993,751	10,506,767	

240	FOOD SERVICE	Actual Sep-19	Actual Oct-19	Actual Nov-19	Actual Dec-19	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Actual Jul-19	Actual Jun-20	Actual Aug-19	2018-19 Totals
	REVENUE:														
5700	**Local Revenue:**														
5740	Earnings from Temp Dep	0	0	1,400	0	0	1,606	0	0	1,740	0	0	0	754	2,898
	Foundation Revenue														**0**
5750	Lunch	36,330	39,021	29,347	24,979	32,101	35,921	10,557	-98	1	0	175	0	29,946	295,139
5750	Breakfast	3,199	2,921	2,029	1,759	2,421	2,531	600	0	0	0	0	0	5,345	53,802
5750	A La Carte	9,698	10,223	7,103	6,157	8,474	8,858	2,100	0	0	0	0	0	5,990	45,200
5750	Catering/Vending	0	2,835	0	265	1,276	130	5,156	490	0	0	0	808	13,499	21,481
5750	Summer Food Service	0	0	0	0	0	0	0	0	0	808	25	-782	8	53
	Total Local Ren:	49,227	55,000	39,878	33,160	44,272	49,046	18,412	392	1,741	808	200	26	55,542	418,573
5800	**State Revenue**														
5829	Misc St Program Rev.	0	0	0	0	0	0	0	9,461	0	0	0	0	0	9,987
5831	TRS On-Behalf Benefit	0	0	0	0	0	0	0	0	0	0	0	0	1,983	1,983
	Total State Rev:	0	0	0	0	0	0	0	9,461	0	0	0	0	1,983	11,969
5900	**Federal Revenue**														
5921	School Breakfast	0	38,871	41,471	31,817	27,526	31,728	33,584	16,567	15,132	0	0	0	22,055	308,634
5922	National School Lunch	0	128,977	142,284	103,747	91,847	117,413	124,040	42,635	24,073	0	0	0	79,919	1,080,648
5923	USDA Donated Com	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,073	11,311	11,073	15,586	140,002
5929	Fed Rev TEA-Sum Feed	0	0	0	0	0	0	0	0	0	21,962	10,687	12,426	3,283	13,969
	Total Federal Rev:	11,073	178,921	194,828	146,637	130,446	160,214	168,697	70,275	50,278	33,035	21,997	23,499	120,843	1,543,252
7900	**Other Res/Non-Oper:**														
7940	Other Res/Non-Oper	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Other Res:	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Revenue:	60,300	233,921	234,706	179,797	174,719	209,260	187,109	80,127	52,019	33,844	22,198	23,525	178,367	1,973,795
	EXPENDITURES:														
6000	**Expenditures:**														
6100	Payroll & Benefits	8,765	61,708	61,755	61,735	60,685	61,726	61,687	57,579	63,094	56,207	52,450	68,259	104,727	667,634
6200	Contracted Services	0	147,553	124,294	115,217	89,692	56,713	3,853	197,312	13,208	16,088	19,998	14,594	96,865	1,110,530
6300	Supplies & Materials	11,461	11,464	11,425	11,227	11,093	11,087	11,082	11,088	13,517	11,086	11,852	73,268	19,727	147,940
6400	Other Operating	0	78	0	167	0	93	0	92	0	0	0	0	92	709
6600	Capital Outlay	0	0	0	0		0	0	0	0	0	0	0	0	6,786
	Total Expenditures:	20,226	220,803	197,474	188,346	161,469	129,620	76,622	266,071	89,819	83,381	84,300	156,121	221,411	1,933,599
	ENDING BALANCE	40,074	53,192	90,424	81,875	95,125	174,765	285,252	99,309	61,509	11,972	83,240	-120,624	-163,668	

511	DEBT SERVICE	Actual Sep-19	Actual Oct-19	Actual Nov-19	Actual Dec-19	Actual Jan-20	Actual Feb-20	Actual Mar-20	Actual Apr-20	Actual May-20	Actual Jun-20	Actual Jul-19	Actual Jun-20	Actual Aug-19	2018-19 Totals
	REVENUE:														
5700	**Local Revenue:**														
5711	Taxes Current Year	863	1,315	53,605	248,391	302,596	106,519	12,892	4,587	7,628	5,557	2,752	6,407	1,054	451,803
5712	Taxes Prior Years	-491	1,334	633	319	877	700	1,701	965	913	666	892	933	504	10,284
5719	Pen, Int, & Other	425	447	391	143	297	1,145	2,228	758	1,149	1,146	787	1,371	427	7,841
5742	Earnings Fm Temp Dep	201	189	178	279	524	500	428	385	391	388	850	415	1,110	8,269
	Total Local Rev:	998	3,285	54,807	249,132	304,294	108,863	17,249	6,695	10,081	7,757	5,282	9,126	3,095	478,196
5800	**State Revenue:**														
5829	St Rev Dist By TEA	0	0	0	0	0	0	0	0	8,660	0	0	0	0	0
	Total State Rev:	0	0	0	0	0	0	0	0	8,660	0	0	0	0	0
7900	**Other Res/Non-Oper:**														
7911	Issuance of Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7916	Issuance of Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7915	Operating Transfers	0	0	0	0	0	0	0	0	0	0	1,451,578	0	0	1,451,578
	Total Other Res:	0	0	0	0	0	0	0	0	0	0	1,451,578	0	0	1,451,578
	Total Revenue:	998	3,285	54,807	249,132	304,294	108,863	17,249	6,695	18,741	7,757	1,456,860	9,126	3,095	1,929,774
	EXPENDITURES:														
6000	**Expenditures:**														
6500	Debt Service														
6511	Bond Principal	0	0	0	0	0	0	0	0	0	0	0	0	1,260,000	1,260,000
6521	Interest on Bonds	0	0	0	0	0	403,717		0	0	0	0	0	428,792	857,584
6599	Other Debt Fees	750	0	750	0	22,782	1,000	450	0	0	0	0	0	0	2,950
8949	Other Uses-Bond Escrow	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total Expenditures:	750	0	750	0	22,782	404,717	450	0	0	0	0	0	1,688,792	2,120,534
	ENDING BALANCE	248	3,533	57,590	306,722	588,234	292,380	309,179	315,874	334,615	342,372	1,494,937	351,498	-1,334,199	
	Total Approved Budget **199, 240, 511**														
	TOTAL REVENUE	4,539,069	4,074,025	3,337,800	5,424,941	6,329,533	2,559,123	728,135	1,880,063	1,539,849	2,356,493	3,846,212	2,812,396	2,397,544	37,350,475
	TOTAL EXP	1,623,119	3,014,003	2,731,167	3,042,232	2,659,140	3,874,352	2,983,749	2,697,715	2,830,522	2,635,740	4,359,308	2,915,026	6,613,268	37,286,013
	ENDING BALANCE	2,915,949	3,975,971	4,582,604	6,965,313	10,635,706	9,320,477	7,064,863	6,247,211	4,956,538	4,677,292	4,280,188	4,574,661	358,937	

EL CAMPO INDEPENDENT SCHOOL DISTRICT
MONTHLY FINANCIAL REPORT
August 25, 2020

Comparison of Revenue and Expenditures
to the Budget for the General Operating, Food Service & Debt Service Fund
9-1-19 to 7-31-20

ESTIMATED REVENUE:

	Original Budget	Amended Budget	Revenue Realized	Revenue Balance
Local:	$16,021,409	$16,101,409	$15,897,767	($203,642)
State:	$21,564,380	$21,603,337	$18,239,643	($3,363,694)
Federal:	$1,958,089	$1,958,089	$1,384,438	($573,651)
Other Resources:	$0	$1,316,506	$59,578	($1,256,928)
Total:	$39,543,878	$40,979,341	$35,581,426	($5,397,915)

ESTIMATE EXPENDITURES:

Original Budget	Amended Budget	Expended	Outstanding Encumbrances	Expenditures Year to Date	Balance for Year
$38,610,371	$41,130,247	$31,006,764	$1,513,133	$32,519,898	$8,610,349

COMPARISONS TO JULY 31 OF PRIOR YEAR:

	2018-2019	2019-2020	Increase/ Decrease
Revenues:	$34,952,931	$35,581,426	$628,495
Expenditures:	$31,531,877	$32,519,898	$988,021
Cash Position:	$13,585,659	$14,573,316	$987,657
PRIOR MONTH CASH POSITION as of 6/30/20:		$14,482,880	

GENERAL FUND - FUND BALANCE	GENERAL OPERATING	FUND BALANCE	% of OPERATING
GENERAL FUND - FUND BALANCE as of 8-31-17:	$28,363,926	$7,424,287	26.18%
GENERAL FUND - FUND BALANCE as of 8-31-18:	$29,567,038	$8,434,939	28.53%
GENERAL FUND - FUND BALANCE as of 8-31-19:	$33,584,123	$8,649,964	25.76%

BUDGET AMENDMENTS:

Funds for Food Service Furniture-Fund 240	$56,000
Funds to budget Early Education Allotment	$345,484
Funds to budget Dyslexia Allotment	$62,879
Funds to budget the College, Career, & Military Readiness (CCMR) Allotment	$45,000
Funds to purchase a new bus	$19,706
Funds to cover cost overruns for the High School A/C	$11,584
Funds for 5 new buses	$500,215
Funds for replacement roof for the High School Cafeteria	$43,545

NOTE: Cash Position includes Local, State, and Federal Funds. Does not include Capital Projects.

TAX COLLECTION RECAP
2019-20

Reporting Period	Beginning Levy	Adjustments	Adjusted Levy	Current Tax Year Collections	% Collected	% Collected Prior Year	Delinquent Collections	Penalty & Interest	Total Collections	Current Tax Year Uncollected
Monthly Recap										
Oct-19	$15,041,843	-$20,621	$15,021,222	25,539	0.17%	0.23%	$31,782	$8,571	$65,892	
Nov-19	$15,041,843	-$26,420	$15,015,423	1,041,037	6.93%	12.04%	$13,677	$8,498	$1,063,211	
Dec-19	$15,041,843	-$30,659	$15,011,184	4,823,918	32.14%	26.85%	$8,831	$11,449	$4,844,198	
Jan-20	$15,041,843	-$36,378	$15,005,465	5,876,629	39.16%	41.87%	$23,510	$12,585	$5,912,725	
Feb-20	$15,041,843	-$39,257	$15,002,586	2,068,663	13.79%	11.21%	$20,232	$27,122	$2,116,017	
Mar-20	$15,041,843	-$52,192	$14,989,651	250,366	1.67%	1.62%	$30,719	$36,635	$317,720	
Apr-20	$15,041,843	-$53,735	$14,988,108	89,087	0.59%	1.11%	$14,991	$14,222	$118,300	
May-20	$15,041,843	-$52,072	$14,989,771	148,137	0.99%	1.15%	$23,746	$23,386	$195,270	
June-20	$15,041,843	-$52,072	$14,989,771	107,928	0.72%	0.48%	$15,769	$22,137	$145,834	
July-20	$15,041,843	-$53,529	$14,988,314	124,427	0.83%	0.59%	$24,633	$28,676	$177,736	
Year To Date				**14,555,734**	**97.11%**	**97.30%**	**207,889**	**193,281**	**$14,956,904**	**$432,581**

Information Only

Consent Agenda Item: 4.B.2
Meeting Date: August 25, 2020
Submitted By: David Bright, Assistant Superintendent for Finance and Operations

Business and Support Services	Review of Checks Written – July 2020
Summary	Although there is no statutory or policy requirement for the Board to review the bills paid during the previous month, a monthly review providing the Board an opportunity to ask questions regarding specific expenditures is a good practice for the Board to follow in overseeing the management of the District. It is very helpful to the administration and helps in conducting an effective board meeting if questions are identified and asked prior to the meeting. These bills have already been paid, and were previously authorized by the Board when you adopted the 2019-2020 General Operating Budget.
ECISD Board Policy	None.
Effective Date	July 31, 2020
Previous Board Action	Approval of 2019-2020 General Operating Budget on August 27, 2019 authorizing the expenditure of funds.
Future Action Expected	The Board will review the checks written for the previous month prior to each regular monthly board meeting.
Background Information and Significant Issues	None.

Fiscal Impact Historical comparison of monthly check totals:

	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
September	$1,399,678.56	$1,033,938.71	$1,031,015.79	$1,052,671.02	$1,252,160.22
October	$1,126,642.32	$612,795.03	$615,403.39	$865,293.51	$1,056,049.90
November	$1,747,797.79	$1,169,787.64	$1,041,346.73	$1,015,743.04	$664,161.80
December	$1,011,674.34	$664,688.91	$862,671.89	$617,427.10	$1,046,214.62
January	$1,690,791.76	$1,090,651.74	$887,610.54	$847,546.49	$641,404.47
February	$1,494,298.77	$1,064,617.04	$717,930.31	$845,469.44	$1,065,827.01
March	$1,627,997.80	$713,711.66	$606,138.91	$835,179.38	$894,418.57
April	$1,686,657.61	$801,504.57	$911,663.00	$798,454.62	$799,043.32
May	$1,540,860.07	$845,031.62	$795,284.57	$730,489.82	$705,674.91
June	$1,587,984.05	$741,139.54	$775,625.86	$791,598.44	$569,718.88
July	$1,930,095.39	$1,045,946.97	$433,133.73	$1,007,717.35	$724,540.33
August	$3,188,684.97	$936,491.89	$1,277,244.77	$1,076,206.11	$0.00
Total	**$20,033,163.43**	**$10,720,305.32**	**$9,955,069.49**	**$10,483,796.32**	**$9,419,214.03**

Student and Public Benefit Close monitoring of monthly bills paid and monthly cash flow helps to ensure the efficient use of public funds.

Procedural and Reporting Implications None.

Public Comments None.

Alternatives None.

Other Comments and Related Issues None.

Attachments List of checks written during the month are available in electronic format and were emailed to each member of the Board.

Submitted By David Bright, Assistant Superintendent of Finance and Operations

Action Required No action required. This is an information report only.

Recommendation Information only.

Bob Callaghan, Superintendent of Schools

For the Month of July

Check Nbr	Trans Date	Payee	PO Nbr	Invoice Nbr	Fnd-Fnc-Obj.So-Org-Prog	Reason	Amount	EFT
		THE COMPUTER CENTE	006069	10090335	199-11-6397.00-102-011TEC	NETWORK PRINTERS	2,099.85	N
			006069	10090335	199-11-6397.00-102-011TEC	REVERSAL	-2,099.85	N
			006069	10090335	199-11-6397.00-103-011TEC	NETWORK PRINTERS	2,099.85	N
			006069	10090335	199-11-6397.00-103-011TEC	REVERSAL	-2,099.85	N
						Totals for Vendor 01101	**.00**	
		SCHOOL MATE	005680	IN000538532	211-11-6399.35-102-030000	CLASSROOM MGMT	1,776.00	N
			005680	IN000538532	211-11-6399.35-102-030000	REVERSAL	-1,776.00	N
						Totals for Vendor 09044	**.00**	
		NEURON FUEL INC	006074	INV-VV-350-SR	289-11-6395.00-999-0240SP	TYNKER SOFTWARE	3,520.00	N
		NEURON FUEL INC	006074	INV-VV-350-SR	289-11-6395.00-999-0240SP	REVERSAL	-3,520.00	N
						Totals for Vendor 09066	**.00**	
		WALMART COMMUNITY	004135		199-51-6317.00-999-099000	GROUNDS	63.48	N
			004135		199-51-6317.00-999-099000	REVERSAL	-63.48	N
						Totals for Vendor 00690	**.00**	
066813	07-27-2020	TEXAS TEACHERS ALTE	DEDCH		863-00-2159.00-306-000000	JUL DED MISCELLANEOUS DEDU	435.00	N
066814	07-27-2020	ASSOC OF TX PROF ED	DEDCH		863-00-2159.00-006-000000	JUL DED TSTA DUES	29.16	N
066815	07-27-2020	SOUTHERN FARM BURE	DEDCH		863-00-2153.00-036-000000	JUL DED LIFE INSURANCE	754.80	N
086213	07-07-2020	ALERT SERVICES, INC.	006026	5054496	199-36-6399.29-001-091000	THERMOMETER	64.95	N
086214	07-07-2020	AMAZON CAPITAL	005737	1JWPQ9T67NJT	199-11-6399.19-103-011000	SCIENCE / MATH SUPPLIES	766.83	N
			005737	1JWPQ9T67NJT	199-11-6399.21-103-011000	SCIENCE / MATH SUPPLIES	372.93	N
			005812	1W1KML4JLKKM	199-31-6399.01-041-099000	EDUCATIONAL MATERIALS	483.35	N
				1WWRWQ7Y3M	199-41-6399.00-750-099000	RETURN	-79.58	N
			005952	134DDGNT3GX6	289-11-6399.00-999-024000	HEALTH & SAFETY SUPPLIES	109.63	N
			005952	134DDGNT3GX6	289-33-6399.03-999-924000	HEALTH & SAFETY SUPPLIES	1,413.00	N
						Totals for Check 086214	**3,066.16**	
086215	07-07-2020	AMERICAN EXPRESS	000007	ACCT FEE	199-41-6499.00-720-099000	AMERICAN EXPRESS FEE	39.00	N
086216	07-07-2020	AQUA BEVERAGE CO/O	004366	983262	199-21-6269.00-999-099W00	WATER COOLER RENTAL/WATER	10.50	N
			004366	978981	199-21-6499.00-999-099000	WATER COOLER RENTAL/WATER	51.92	N
			004074	983017	199-34-6269.00-999-099000	WATER COOLER RENTAL/WATER	9.99	N
			004074	979006	199-34-6499.00-999-099000	WATER COOLER RENTAL/WATER	30.95	N
			004366	982774	199-41-6269.00-750-099000	WATER COOLER RENTAL/WATER	9.99	N
			004366	978972	199-41-6499.00-720-099000	WATER COOLER RENTAL/WATER	41.74	N
						Totals for Check 086216	**155.09**	
086217	07-07-2020	AM EXP/AT&T	004367	713A0160869555	199-51-6256.00-999-099000	PHONE LINE SERVICES	3,285.70	N
086218	07-07-2020	AM EXP/AT&T	004368	97954395325410	199-51-6256.00-999-099000	TRAN FAX LINE CHARGES	32.58	N
086219	07-07-2020	PATRICIA BABCOCK	000007	FEB 27-MAY 27	437-21-6411.01-751-023000	INDISTRICT TRAVEL	37.61	N
086220	07-07-2020	ASHLEY BARNES	000007	SEPT-FEB	199-12-6411.00-999-011Y00	TRAVEL SEPT-FEB 19 REISSUE	335.02	N
			000007	TCEA CONF	289-13-6411.00-999-024000	TCEA CONF TRAVEL	329.56	N
						Totals for Check 086220	**664.58**	
086221	07-07-2020	BSN SPORTS	005894	909289828	199-11-6499.00-001-011000	3 PLY MAKS	6,287.50	N
			005894	909289828	199-23-6499.00-001-099000	PO Created by Req: 005936	6,287.50	N
						Totals for Check 086221	**12,575.00**	

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086222	07-07-2020	BSN SPORTS	005853	909250005	199-36-6399.94-001-091000	FOOTBALL SHOULDER PADS	3,762.20	N
086223	07-07-2020	CARDINAL'S SPORT TEA	005633	O759490-01	199-36-6399.94-001-091000	H/S FOOTBALL SUPPLIES	4,661.42	N
086224	07-07-2020	CENTERPOINT ENERGY	004010	DIST-JUNE	199-51-6258.00-999-099000	NATURAL GAS	2,824.19	N
086225	07-07-2020	CHALK'S TRUCK PARTS,	005499	992551/1	199-34-6399.00-999-099000	FLEET BUS PARTS	212.52	N
			005499	k88671/1	199-34-6399.00-999-099000	FLEET BUS PARTS	640.53	N
						Totals for Check 086225	**853.05**	
086226	07-07-2020	CINTAS CORP	005945	5017737722	199-51-6319.00-999-099000	MAINT SAFETY SUPPLIES	287.62	N
086227	07-07-2020	CITY OF EL CAMPO UTIL	004011	JUNE 2020	199-51-6255.00-999-099000	DISTRICTWIDE CITY UTILITIES	11,866.72	N
086228	07-07-2020	MAURI COUEY	070701	WM, HEB	199-11-6399.30-699-025000	SUMMER SCH SUPPLIES	108.36	N
086229	07-07-2020	DEWITT POTH AND SON	004599	611018-0 JUNE	199-23-6399.01-999-028000	DAEP BILLABLE PRINTS	30.00	N
086230	07-07-2020	DLUHOS REFRIGERATIO	005660	3730	199-51-6299.00-999-099000	CAFETERIAS-MAINT	165.00	N
			005660	3753	199-51-6299.00-999-099000	CAFETERIAS-MAINT	510.00	N
						Totals for Check 086230	**675.00**	
086231	07-07-2020	EL CAMPO LEADER NE	004362	FEDERAL	199-41-6499.00-720-099000	CLASSIFIED NOTICES/ADVERTIS	134.14	N
			004362	GRADUATION	199-41-6499.00-720-099000	CLASSIFIED NOTICES/ADVERTIS	214.20	N
						Totals for Check 086231	**348.34**	
086232	07-07-2020	FOLLETT SCHOOL SOLU	005896	1403243	199-21-6399.00-999-099TEC	PLOYTHERMAL LABELS	194.36	N
086233	07-07-2020	H.E. BUTT GROCERY	004364		199-41-6399.00-720-099000	ADMINISTRATION HR/ADMIN SUP	84.32	N
			004364		199-41-6399.00-750-099000	ADMINISTRATION HR/ADMIN SUP	135.94	N
			070701	432587	212-61-6499.00-999-024000	PAC MEETING SUPPLIES	25.02	N
						Totals for Check 086233	**245.28**	
086234	07-07-2020	AM EXP/HUNTON DISTRI	005935	IN521377	199-51-6249.00-999-099000	HVAC- HS	1,178.90	N
086235	07-07-2020	HODGES WELDING SUP	004344	CR46927	199-11-6269.70-001-022000	CYLINDER RENTALS	36.00	N
			004344	CR46924	199-11-6269.70-001-022000	CYLINDER RENTALS	168.00	N
			004344	CR46925	199-34-6269.00-999-099000	CYLINDER RENTALS	6.00	N
			005956	261059	199-34-6399.01-999-099000	TRANS SHOP TOOLS	33.00	N
			004344	CR46926	199-51-6269.00-999-099000	CYLINDER RENTALS	18.00	N
			005021	261141	199-51-6316.00-999-099000	GEN MAINT-WELDING SUPP	154.00	N
						Totals for Check 086235	**415.00**	
086236	07-07-2020	HOTSY/CARLSON EQUIP	005615	104098	199-34-6397.01-999-099000	BACKPACK SPRAYER/VITAL OXID	1,749.00	N
086237	07-07-2020	AM EXP/HVAC MECHANI	005910	SVC141464	199-51-6249.00-999-099000	HVAC-H/S	1,220.00	N
086238	07-07-2020	LEGEND INSURANCE	000007	288-1 (20-21)	199-36-6429.00-999-091W00	CATASTROPHIC ACC INS-CLASS	1,560.00	N
086239	07-07-2020	MANEUVERING THE MID	005884	1338	199-11-6399.00-041-011000	MS SUPPLIES	389.00	N
086240	07-07-2020	PAINT PERFECTION	005477	923531	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	82.71	N
086241	07-07-2020	POCKET NURSE ENTER	005653	1148177-1	244-11-6397.00-001-022000	HOSPITAL BED	3,045.00	N
086242	07-07-2020	AM EXP/QUILL	005911	7382608	199-11-6399.00-001-011000	SUPPLIES-HS/MISC OPER EXP	103.60	N
			005912	7558614	199-11-6399.00-001-011000	SUPPLIES-LIBRARY HS/GENERAL	11.27	N
			005944	7610133	199-11-6399.00-999-0230VI	OFFICE SUPPLIES	81.89	N
			005689	7543121	199-11-6399.15-102-011000	READING SUPPLIES	327.46	N

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			005837	6781104	199-11-6399.35-103-021000	GT SUPPLIES	120.49	N
			005911	7382608	199-11-6499.00-001-011000	SUPPLIES-HS/MISC OPER EXP	89.85	N
			005912	7558614	199-12-6399.00-001-011000	SUPPLIES-LIBRARY HS/GENERAL	723.73	N
			005939	7504553	199-12-6399.00-999-011Y00	OFFICE SUPPLIES	24.10	N
			005939	7504553	199-21-6399.00-999-099000	OFFICE SUPPLIES	86.87	N
			005939	7521611	199-21-6399.00-999-099000	OFFICE SUPPLIES	55.78	N
			005939	7504553	199-21-6399.02-999-099000	OFFICE SUPPLIES	23.97	N
			005939	7504553	199-21-6399.04-999-099000	OFFICE SUPPLIES	34.57	N
			005939	7504553	199-31-6399.01-999-099Y00	OFFICE SUPPLIES	25.31	N
			005933	7624294	199-34-6399.02-999-099000	OFFICE SUPPLIES	133.56	N
			005890	7341798	199-41-6399.00-750-099000	OFFICE SUPPLIES	178.71	N
			005890	7763686	199-41-6399.00-750-099000	OFFICE SUPPLIES	55.78	N
			005939	7504553	199-41-6399.00-750-099000	OFFICE SUPPLIES	14.98	N
			005632	6354950	211-11-6399.35-103-030000	INTERVENTION SUPPLIES	513.95	N
			005944	7639470	437-21-6399.00-751-023000	OFFICE SUPPLIES	99.99	N
			005944	7609677	437-21-6399.00-751-023000	OFFICE SUPPLIES	67.49	N
			005944	7626982	437-21-6399.00-751-023000	OFFICE SUPPLIES	685.90	N
						Totals for Check 086242	**3,459.25**	
086243	07-07-2020	R&R PRINTING	006006	51536	199-41-6399.00-750-099000	STAMP	36.93	N
086244	07-07-2020	REGION 3 EDUC. SERVI	000006	054829	199-13-6411.00-103-011000	REGISTRATION FEE	150.00	N
			000007	055399	199-13-6411.00-107-011000	REGISTRATION FEE	10.00	N
			004016	055394	199-34-6239.00-999-099000	TRAINING	60.00	N
						Totals for Check 086244	**220.00**	
086245	07-07-2020	REGION 4 EDUC. SERVI	004017	8257371	199-34-6239.00-999-099000	TRAINING-BUS DRIVERS	50.00	N
086246	07-07-2020	RESERVE ACCOUNT	006033	22751341	199-41-6399.00-750-099000	POSTAGE	4,000.00	N
086247	07-07-2020	RIOUX HARDWARE	005433	595022	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	15.78	N
			005433	595053	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	3.90	N
			005433	595095	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	32.78	N
			005433	595102	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	5.99	N
			005433	595170	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	8.48	N
			005433	595174	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	69.72	N
			005433	595178	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	3.96	N
			005433	595099	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	10.48	N
			005433	595305	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	3.50	N
			005433	595411	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	11.47	N
			005433	595415	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	24.99	N
			005433	595547	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	31.96	N
			005433	595548	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	6.34	N
			005433	595551	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	14.97	N
			005433	595572	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	3.40	N
			005433	595600	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	29.43	N
			005433	595606	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	25.97	N
			005433	595613	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	13.99	N
			005433	595681	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	15.37	N

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			005433	595664	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	44.99	N
			005433	595878	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	7.18	N
			005433	595914	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	3.12	N
			005433	596059	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	5.99	N
			005433	596063	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	12.99	N
			005433	596064	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	12.57	N
			005433	596072	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	5.55	N
			005433	596079	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	11.99	N
						Totals for Check 086247	**436.86**	
086248	07-07-2020	RYDIN DECAL	005871	369045	199-11-6399.00-001-011000	GENERAL SUPPLIES-HS	317.40	N
086249	07-07-2020	SCHMIDT IMPLEMENT, I	006003	18883	199-51-6317.00-999-099000	GROUNDS SUPPLIES/MAINT	102.92	N
086250	07-07-2020	SERVICE SUPPLY OF VI	005629	701060478	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	4.42	N
			005629	701060858	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	71.19	N
						Totals for Check 086250	**75.61**	
086251	07-07-2020	SOUTH TEXAS SCHOOL	005488	7674	199-12-6399.00-001-011000	CHAIR	310.00	N
086252	07-07-2020	SUNSHINE LAUNDRY	004343	JUNE 2020	199-11-6299.70-001-022000	UNIFORM SERVICE	22.50	N
			004343	JUNE 2020	199-51-6299.00-999-099000	UNIFORM SERVICE	274.50	N
						Totals for Check 086252	**297.00**	
086253	07-07-2020	SUNSHINE LAUNDRY	004343	ACCT	199-11-6299.70-001-022000	UNIFORM SERVICE	176.95	N
086254	07-07-2020	SUTHERLANDS	005930	141026	199-34-6399.01-999-099000	TRANS SHOP SUPPLIES	246.24	N
			005084	141029	199-51-6316.00-999-099000	CARPENTER-CAMPUS PROJECT	49.50	N
			005084	141067	199-51-6316.00-999-099000	CARPENTER-CAMPUS PROJECT	23.94	N
			005084	141436	199-51-6316.00-999-099000	CARPENTER-CAMPUS PROJECT	123.33	N
			005084	141477	199-51-6316.00-999-099000	CARPENTER-CAMPUS PROJECT	65.99	N
			005611	141000	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	9.87	N
			005611	141005	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	9.98	N
			005611	141014	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	14.28	N
			005611	141023	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	10.49	N
			005611	141045	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	11.98	N
			005611	141199	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	40.77	N
			005611	141252	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	17.97	N
			005611	141262	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	35.94	N
			005611	141307	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	41.98	N
			005611	141318	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	10.24	N
			005611	141396	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	10.99	N
			005611	141404	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	58.58	N
			005611	141468	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	6.99	N
			005611	141487	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	87.54	N
			005611	141589	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	169.70	N
						Totals for Check 086254	**1,046.30**	
086255	07-07-2020	T-MOBILE	660000	969007252(MAY-	199-34-6299.00-999-099000	GPS SERVICES	815.32	N

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086256	07-07-2020	TASBO	006009	340564-SUPAK	199-41-6411.00-750-099000	WORKSHOP REG FEE	175.00	N
			006009	340525-YACKEL	199-41-6411.00-750-099000	WORKSHOP REG FEE	225.00	N
						Totals for Check 086256	**400.00**	
086257	07-07-2020	AM EXP/TEXAS DEPT OF	000006	MAINT	199-51-6299.00-999-099000	LICENSING FEE	76.94	N
086258	07-07-2020	TEXAS EDUCATION AGE	070701	SP200180	199-11-6223.00-001-011Y00	FEES FOR VIRTUAL COURSES	375.00	N
			070701	F190186	199-11-6223.00-001-011Y00	FEES FOR VIRTUAL COURSES	3,375.00	N
						Totals for Check 086258	**3,750.00**	
086259	07-07-2020	TIVA	070701	TIVA CONF	244-13-6411.00-001-022000	CONFERENCE REGISTRATION	595.00	N
086260	07-07-2020	UNIFIED LIFE INSURANC	000007	288-1 (20-21)	199-36-6429.00-999-091W00	BASE ACC INS-LONE STAR ATH	39,900.00	N
086261	07-07-2020	UNIFIRST CORPORATIO	005608	8150877724	199-34-6299.00-999-099000	UNIFORMS	39.40	N
			005608	8150878394	199-34-6299.00-999-099000	UNIFORMS	39.40	N
			005608	8150879065	199-34-6299.00-999-099000	UNIFORMS	39.40	N
						Totals for Check 086261	**118.20**	
086262	07-07-2020	UNITED AGRICULTURAL	005612	267450	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	7.56	N
			005612	267591	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	74.55	N
						Totals for Check 086262	**82.11**	
086263	07-07-2020	WHARTON CO. ELECTRI	004348	4320133401-	199-51-6257.00-999-099000	ECMS ELECTRICITY SERVICE	14,251.00	N
086264	07-07-2020	WHARTON CO. ELECTRI	004349	M&T JUNE 2020	199-51-6257.00-999-099000	ELECTRICITY SERVICE-M&T	1,878.00	N
086265	07-07-2020	AM EXP/XEROX CORP	005300	099388395-JAN	199-11-6269.00-102-011W00	COPIER LEASES	519.30	N
086266	07-21-2020	ACME ARCHITECTURAL	005895	5408168	199-51-6299.00-999-099000	H/S GIRLS FIELD HOUSE DOORS	2,340.27	N
086267	07-21-2020	ADT COMMERCIAL	005248	451793-AUG	199-51-6299.00-999-099000	H/S & MIDDLE - FIRE ALARM	63.66	N
086268	07-21-2020	ADVANCED GRAPHICS	005966	71804	199-41-6399.00-750-0990HR	HR BADGE SUPPLIES	388.50	N
086269	07-21-2020	AMBERSCAPES, INC	006014	17459	199-51-6247.00-999-099000	H/S & SOFTBALL FIELDS	7,648.70	N
086270	07-21-2020	AT&T LONG DISTANCE	004369	805382507-JUNE	199-51-6256.00-999-099000	LONG DISTANCE PHONE EXPENS	108.93	N
086271	07-21-2020	AUTOZONE PARTS INC.	004071	1550134836	199-34-6399.00-999-099000	BUS PARTS-REPAIRS	23.99	N
			004066	1550134267	199-34-6399.01-999-099000	SHOP SUPPLIES-TRANS	28.96	N
			004064	1550130044	199-34-6399.03-999-099000	MAINT VEHICLES REPAIR PARTS	174.27	N
			004064	1550133590	199-34-6399.03-999-099000	MAINT VEHICLES REPAIR PARTS	3.49	N
						Totals for Check 086271	**230.71**	
086272	07-21-2020	B.C.G.F.	005709	20140	199-51-6299.00-999-099000	GYM FLOOR CONT SERVICE	9,569.00	N
086273	07-21-2020	BARNES AND NOBLE IN	005775	3993816	211-11-6399.35-103-030000	INTERVENTION SUPPLIES	191.70	N
086274	07-21-2020	ASHLEY BARNES	072101	E. BARNES	199-00-5739.01-000-000000	TUITION REFUND	220.00	N
086275	07-21-2020	GLENNA BECHDOL	000007	DOT PHY REIM	199-34-6216.00-999-099000	DOT PHYSICAL REIM	65.00	N
086276	07-21-2020	VIVIAN BROWN	000007	DOT PHY REIM	199-34-6216.00-999-099000	DOT PHY REIM	100.00	N
086277	07-21-2020	CHALK'S TRUCK PARTS,	005499	996426/1	199-34-6399.00-999-099000	FLEET BUS PARTS	1,325.00	N
086278	07-21-2020	UNIVERSITY OF TEXAS	004583	5928	199-11-6399.19-001-011000	MATH SUPPLIES	286.20	N

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086279	07-21-2020	CHEMSEARCH	004256	7030999	199-51-6249.00-999-099000	HVAC MAINT & REPAIR	1,790.73	N
			004354	7026932	199-51-6249.00-999-099000	HVAC	1,800.00	N
						Totals for Check 086279	**3,590.73**	
086280	07-21-2020	CINTAS CORP	006051	9091212719	199-51-6315.29-999-099000	COVID-19 H/S GRADUATION	600.00	N
086281	07-21-2020	THE COMPUTER CENTE	005764	10090271	199-11-6399.12-001-011000	SUPPLIES-SPEECH	393.49	N
			005764	10090271	199-36-6499.69-001-099000	SUPPLIES-SPEECH	306.51	N
						Totals for Check 086281	**700.00**	
086282	07-21-2020	CHRISTY CORTEZ	072101	C. & K. CORTEZ	199-00-5739.01-000-000000	TUITION REFUND	120.00	N
086283	07-21-2020	DARR EQUIPMENT CO.	005041	SWO065079-1	199-51-6299.00-999-099000	FORKLIFT	272.53	N
086284	07-21-2020	DATA RECOGNITION CO	005974	144295	199-31-6339.00-999-099Y00	LAS LINKS TESTING MATERIALS	722.05	N
086285	07-21-2020	DSS DRIVING SAFETY S	004188	20-1476088	199-34-6299.00-999-099000	DRUG TESTING	50.00	N
086286	07-21-2020	EAGLE FIRE & SAFETY, I	006038	79607	199-51-6299.00-999-099000	CAFETERIA VENT HOOD CLEANI	1,450.00	N
086287	07-21-2020	EL CAMPO MEMORIAL H	004314	BROWN, JO	199-34-6216.00-999-099000	BUS DRIVER PHYSICALS	125.00	N
			004314	ZAPATA,	199-34-6216.00-999-099000	BUS DRIVER PHYSICALS	125.00	N
						Totals for Check 086287	**250.00**	
086288	07-21-2020	FIRETRON, INC.	005951	150839	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	475.00	N
			005951	150955	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	2,080.00	N
			005951	151003	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	575.00	N
			005951	151004	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	2,080.00	N
			005951	151068	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	315.00	N
			005951	151072	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	800.00	N
			005951	151161	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	845.00	N
			006018	151540	199-51-6299.00-999-099000	MIDD AG SHOP FIRE & SPRINKLE	450.00	N
			006018	151625	199-51-6299.00-999-099000	MIDD AG SHOP FIRE & SPRINKLE	600.00	N
			005951	151649	199-51-6299.00-999-099000	FIRE ALARM INSPECTIONS	780.00	N
						Totals for Check 086288	**9,000.00**	
086289	07-21-2020	HUNTON DISTRIBUTION	004921	IN535828	199-51-6639.00-001-099FAC	H/S BLDG A FAC#8 FRESH AIR UN	111,583.75	N
086290	07-21-2020	IBOSS, INC.	006055	963946-95899	199-11-6299.00-001-011TEC	ALR- Internet Filter Appliance	3,100.00	N
			006055	963946-95899	199-11-6299.00-041-011TEC	ALR- Internet Filter Appliance	3,100.00	N
			006055	963946-95899	199-11-6299.00-102-011TEC	ALR- Internet Filter Appliance	3,100.00	N
			006055	963946-95899	199-11-6299.00-103-011TEC	ALR- Internet Filter Appliance	3,100.00	N
			006055	963946-95899	199-11-6299.00-107-011TEC	ALR- Internet Filter Appliance	3,100.00	N
						Totals for Check 086290	**15,500.00**	
086291	07-21-2020	IMCAT	005906	1957	199-23-6411.00-999-099Y00	ONLINE TRAINING	125.00	N
086292	07-21-2020	IRON MOUNTAIN	004166	CTNZ587-JULY	199-51-6299.00-999-099000	H/S VAULT STORAGE	309.22	N
086293	07-21-2020	JIGSAW LEARNING LLC	005985	00000009130	313-11-6399.00-751-023000	INSTRUCTIONAL MATERIALS	898.00	N
086294	07-21-2020	KIMBALL MIDWEST	006034	8039758	199-34-6399.01-999-099000	SHOP SUPPLIES	523.57	N
			006035	8045315	199-34-6399.01-999-099000	SHOP SUPPLIES	55.00	N
						Totals for Check 086294	**578.57**	

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086295	07-21-2020	LINDA'S SAND & GRAVE	006021	6154	199-51-6619.00-001-099FAC	H/S PARKING LOT	2,426.40	N
			006021	6155	199-51-6619.00-001-099FAC	H/S PARKING LOT	486.90	N
			006021	6157	199-51-6619.00-001-099FAC	H/S PARKING LOT	969.60	N
			006017	6156	199-51-6619.00-001-099FAC	HS PARKING LOT	966.90	N
			006017	6158	199-51-6619.00-001-099FAC	HS PARKING LOT	1,360.00	N
						Totals for Check 086295	**6,209.80**	
086296	07-21-2020	LAUREN MICAN	072101	T. MICAN	199-00-5739.01-000-000000	TUITION REFUND	60.00	N
086297	07-21-2020	DUVIGEN MIRANDA	000007	TRAVEL EXP-	199-34-6411.00-999-099000	TRAVEL REIM	66.13	N
086298	07-21-2020	N & N SHARPENING	006054	22815	199-51-6299.00-999-099000	GEN MAINT	90.32	N
086299	07-21-2020	NATIONAL BUGMOBILES	004258	JUNE 2020	199-51-6299.00-999-099000	PEST MONTHLY	385.00	N
			004259	696743	199-51-6299.00-999-099000	PEST CONTROL GROUNDS/QUAT	1,975.00	N
			004259	697361	199-51-6299.00-999-099000	PEST CONTROL GROUNDS/QUAT	350.00	N
			004259	697362	199-51-6299.00-999-099000	PEST CONTROL GROUNDS/QUAT	100.00	N
			004259	697363	199-51-6299.00-999-099000	PEST CONTROL GROUNDS/QUAT	150.00	N
			004260	697494	199-51-6299.00-999-099000	PEST CONTROL SEMI ANNUAL	200.00	N
						Totals for Check 086299	**3,160.00**	
086300	07-21-2020	PAINT PERFECTION	005418	723535	199-51-6316.00-999-099000	GEN MAINT-PAINT	109.48	N
			005418	823588	199-51-6316.00-999-099000	GEN MAINT-PAINT	15.91	N
			005477	723515	199-51-6316.00-999-099000	BUILDING MAINT-SUPPLIES/MAT	41.36	N
						Totals for Check 086300	**166.75**	
086301	07-21-2020	BROOKE PERRY	072101	A. KRENEK	199-00-5739.01-000-000000	TUITION REFUND	60.00	N
086302	07-21-2020	THE PRO SHOP	005997	66736	199-36-6399.95-001-091000	GOLF SUPPLIES	1,872.96	N
086303	07-21-2020	REALLY GREAT READIN	005840	23055	199-11-6399.35-103-030000	INTERVENTION SUPPLIES	725.76	N
086304	07-21-2020	REGION 4 EDUC. SERVI	004017	8324121	199-34-6239.00-999-099000	TRAINING-BUS DRIVERS	50.00	N
086305	07-21-2020	RELIANT	004303	1110292296940-	199-51-6257.00-999-099000	DISTRICT ELECTRICAL SERVICE	46,804.98	N
			004303	1110296160814-	199-51-6257.00-999-099000	DISTRICT ELECTRICAL SERVICE	50,386.04	N
						Totals for Check 086305	**97,191.02**	
086306	07-21-2020	SCHMIDT IMPLEMENT, I	006043	19265	199-51-6397.00-999-099000	EXMARK RADIUS 0-TURN MOWE	7,649.15	N
086307	07-21-2020	SCHOLASTIC, INC	005829	22683124	211-11-6399.35-102-030000	BOOKS FOR SUMMER READING	701.26	N
086308	07-21-2020	SCHOOL SPECIALITY IN	005763	208125380941	199-11-6399.21-001-011000	SUPPLIES-SCIENCE	127.70	N
086309	07-21-2020	SERVICE SUPPLY OF VI	005629	701061129	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	325.10	N
			006007	701061187	199-51-6316.00-999-099000	N/S CAFETERIA KITCHEN SINKS	648.00	N
			004087	701061153	199-51-6319.00-999-099000	HVAC MAINT & REPAIR SUPP	13.68	N
			004087	701061222	199-51-6319.00-999-099000	HVAC MAINT & REPAIR SUPP	34.29	N
						Totals for Check 086309	**1,021.07**	
086310	07-21-2020	SOUTH TEXAS SCHOOL	005883	7682	240-35-6397.00-041-099FAC	CAFETERIA TABLES	62,195.00	N
086311	07-21-2020	SPECTRUM CORPORATI	000007	0186438-IN	199-36-6299.90-999-091000	SCOREBOARD DISPLAY REPAIR	934.75	N
086312	07-21-2020	T-MOBILE	006042	969756706-M-J-	199-11-6399.29-999-011TEC	Student Hot Spots for Covid	820.24	N

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086313	07-21-2020	TELECOMMUNICATIONS	004345	125725085-JULY	199-51-6259.00-999-099W00	INTERNET SERVICE	72.73	N
086314	07-21-2020	TEXAS MULTI-CHEM, LT	004177	16585	199-51-6247.00-999-099000	GROUNDS-FOOTBALL PRACTICE	537.00	N
			004178	16586	199-51-6247.00-999-099000	GROUNDS-JR. HIGH FOOTBALL	268.50	N
			004181	16587	199-51-6247.00-999-099000	GROUNDS-JR. HIGH PRACT #2	268.50	N
						Totals for Check 086314	**1,074.00**	
086315	07-21-2020	TFS LEASING A PGM O F	004352	68751363-JULY	437-21-6269.00-751-023000	COPIER LEASE-GARWOOD CAMP	124.95	N
086316	07-21-2020	UNIFIRST CORPORATIO	005608	8150879749	199-34-6299.00-999-099000	UNIFORMS	39.40	N
			005608	8150880428	199-34-6299.00-999-099000	UNIFORMS	39.40	N
						Totals for Check 086316	**78.80**	
086317	07-21-2020	SAMIRA VILLEDA	072101	2 STUDENTS	199-00-5739.01-000-000000	TUITION REFUND	120.00	N
086318	07-21-2020	WATERMARK	005942	130030	199-41-6411.00-750-0990HR	PROMOTIONAL INK PENS	169.43	N
086319	07-29-2020	ALERT SERVICES, INC.	006029	5054296	199-36-6399.29-001-091000	COVID SUPPLIES-THERMOMETE	280.19	N
			006030	5053867	199-36-6399.29-001-091000	COVID SUPPLIES-THERMOMETE	284.70	N
						Totals for Check 086319	**564.89**	
086320	07-29-2020	AMAZON CAPITAL	005812	1HHMQGTMXP3	199-31-6399.01-041-099000	EDUCATIONAL MATERIALS	31.61	N
			006060	11FCD6TTRPQD	199-41-6399.00-750-099000	ADM SUPPLIES	66.45	N
			006057	1VM6D9VLHD3M	266-11-6399.00-999-0110SP	HEALTH & SAFETY SUPPLIES	396.84	N
				1MJWG7NY9RL7	437-11-6399.00-751-023000	RETURN	-12.99	N
				1Y7V13PDD9CW	437-21-6399.00-751-023000	RETURN	-59.65	N
						Totals for Check 086320	**422.26**	
086321	07-29-2020	AMSTERDAM PRINTING	005569	6612600	199-11-6399.00-102-011000	ACADEMIC PLANNERS	288.64	N
086322	07-29-2020	APPLIED EDUCATIONAL	006073	INV0029004	199-11-6395.77-001-022000	SOFTWARE LICENSE	8,800.00	N
086323	07-29-2020	AQUA BEVERAGE CO/O	004366	983962	199-21-6499.00-999-099000	WATER COOLER RENTAL/WATER	23.96	N
			004366	983952	199-41-6499.00-720-099000	WATER COOLER RENTAL/WATER	10.74	N
						Totals for Check 086323	**34.70**	
086324	07-29-2020	ARAMARK INC	700007	KC00963141	240-35-6219.00-999-099000	FOOD SVC EXP	14,593.61	N
086325	07-29-2020	AT&T MOBILITY	004370	826438882X0701	199-51-6256.00-999-099000	CELL PHONE EXPENSES	6,547.11	N
086326	07-29-2020	AUTOZONE PARTS INC.	004071	1550138350	199-34-6399.00-999-099000	BUS PARTS-REPAIRS	80.99	N
			004071	1550138421	199-34-6399.00-999-099000	BUS PARTS-REPAIRS	2.99	N
			004071	1550138496	199-34-6399.00-999-099000	BUS PARTS-REPAIRS	89.99	N
			004071	1550138950	199-34-6399.00-999-099000	BUS PARTS-REPAIRS	149.99	N
			004064	1550138849	199-34-6399.03-999-099000	MAINT VEHICLES REPAIR PARTS	7.49	N
			004064	1550139397	199-34-6399.03-999-099000	MAINT VEHICLES REPAIR PARTS	81.99	N
						Totals for Check 086326	**413.44**	
086327	07-29-2020	BAYES ACHIEVEMENT C	072801	30035	315-11-6216.10-751-023000	JULY RESIDENTIAL SERVICES	19,853.64	N
			072801	30107	315-11-6216.10-751-023000	JUNE SPEECH THERAPY	165.00	N
						Totals for Check 086327	**20,018.64**	
086328	07-29-2020	BOOKSOURCE	005828	893386	211-11-6399.35-103-030000	INTERVENTION SUPPLIES	4,103.90	N
086329	07-29-2020	CANNELL AIR COND. AN	005543	205043	199-51-6319.00-999-099000	HVAC	97.58	N

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086330	07-29-2020	CENTERPOINT ENERGY	004010	M&T JUNE	199-51-6258.00-999-099000	NATURAL GAS	103.35	N
086331	07-29-2020	COLLINS MUSIC CENTE	005994	68202	199-11-6397.07-001-011000	INV ITEMS-HS BAND	17,997.50	N
086332	07-29-2020	THE COMPUTER CENTE	005977	10090289	199-11-6299.00-001-011TEC	WG SERVICE-FOLLETT BAR COD	1,404.00	N
			006069	10090335	199-11-6397.00-102-011TEC	NETWORK PRINTERS	2,097.00	N
			006069	10090335	199-11-6397.00-103-011TEC	NETWORK PRINTERS	2,097.00	N
			006068	10090288	199-11-6397.29-999-011TEC	Covid WhiteGlove Appliance	1,419.00	N
			006067	10090291	199-11-6399.29-999-011TEC	Covid-DocCams & Webcams	9,888.60	N
			006066	10090290	199-21-6399.00-999-099TEC	TECH NETWORK SUPPLIES	3,026.43	N
			006070	10090430	289-11-6399.00-999-024000	HEALTH & SAFETY SUPPLIES	1,709.72	N
			005597	10090283	313-31-6397.00-751-023000	DIAG COMPUTERS	3,774.00	N
						Totals for Check 086332	**25,415.75**	
086333	07-29-2020	CONNER & SONS PLUM	005086	61775	199-51-6316.00-999-099000	PLUMBING	13.13	N
			005086	61776	199-51-6316.00-999-099000	PLUMBING	56.64	N
						Totals for Check 086333	**69.77**	
086334	07-29-2020	DEPARTMENT OF INFOR	004363	2006146N-JUNE	199-51-6259.00-999-099W00	T1 LINE INTERNET EXPENSE	539.28	N
086335	07-29-2020	DEWITT POTH AND SON	005808	606405-0	199-11-6399.00-001-011000	GROCERY BAGS	236.72	N
			005808	614194-0	199-11-6399.00-001-011000	COPY PAPER	4,642.50	N
						Totals for Check 086335	**4,879.22**	
086336	07-29-2020	DLUHOS REFRIGERATIO	006065	3805	199-51-6299.00-999-099000	CAF-HUTCHINS WALK IN	490.00	N
086337	07-29-2020	ED311	005905	8116-FIGIROVA	199-23-6411.00-041-099000	PRINCIPLES CONF REG FEE	597.00	N
086338	07-29-2020	EL CAMPO PARTS, INC.	004068	199741	199-34-6399.01-999-099000	SHOP SUPPLIES	9.90	N
086339	07-29-2020	ENTERPRISE FM TRUST	005390	FBN3996178-	199-13-6269.00-999-011W00	VEHICLE LEASES	509.39	N
			005390	FBN3996178-	199-34-6269.00-999-023W00	VEHICLE LEASES	1,018.79	N
			005092	FBN3996178-	199-34-6269.00-999-099000	VEHICLE RENTAL-TRANS	646.20	N
			005024	FBN3996178-	199-34-6269.00-999-099W00	VEHICLE RENTAL	499.18	N
			005390	FBN3996178-	199-34-6269.00-999-099W00	VEHICLE LEASES	874.98	N
			005390	FBN3996178-	199-36-6269.00-999-099W00	VEHICLE LEASES	509.40	N
			005390	FBN3996178-	199-36-6269.70-001-022W00	VEHICLE LEASES	989.76	N
			005390	FBN3996178-	199-36-6269.70-001-022W00	VEHICLE LEASES	989.76	N
			005483	FBN3996178-	199-36-6269.70-001-022W00	VEHICLE LEASES	473.94	N
			005483	FBN3996178-	199-36-6269.70-001-022W00	VEHICLE LEASES	1,019.03	N
			005024	FBN3996178-	199-51-6269.00-999-099W00	VEHICLE RENTAL	499.18	N
			005024	FBN3996178-	199-51-6269.00-999-099W00	VEHICLE RENTAL	452.99	N
			005024	FBN3996178-	199-51-6269.00-999-099W00	VEHICLE RENTAL	452.99	N
			005483	FBN3996178-	199-51-6269.00-999-099W00	VEHICLE LEASES	557.66	N
			005483	FBN3996178-	199-51-6269.00-999-099W00	VEHICLE LEASES	600.07	N
			005818	FBN3996178-	199-51-6269.00-999-099W00	MAINT VEHICLE RENTAL	602.45	N
						Totals for Check 086339	**10,695.77**	
086340	07-29-2020	EWELL EDUCATIONAL S	005007	254-11158	199-36-6497.70-001-022000	CONTEST REG & FEES	50.00	N
			005007	254-10413	199-36-6497.70-001-022000	CONTEST REG & FEES	96.00	N
			005007	254-9891	199-36-6497.70-001-022000	CONTEST REG & FEES	180.00	N
			005007	254-9912	199-36-6497.70-001-022000	CONTEST REG & FEES	267.00	N

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			005007	TX0254-6585	199-36-6497.70-001-022000	CONTEST REG & FEES	100.00	N
			005007	TX0254-6584	199-36-6497.70-001-022000	CONTEST REG & FEES	50.00	N
			005007	254-9909	199-36-6497.70-001-022000	CONTEST REG & FEES	338.00	N
			005007	254-9873	199-36-6497.70-001-022000	CONTEST REG & FEES	240.00	N
			005007	254-9943	199-36-6497.70-001-022000	CONTEST REG & FEES	96.00	N
			005007	254-10016	199-36-6497.70-001-022000	CONTEST REG & FEES	58.00	N
						Totals for Check 086340	**1,475.00**	
086341	07-29-2020	FOLLETT INSTITUTE	005832	699160B	199-12-6329.00-041-011000	LIBRARY BOOKS	893.44	N
			005832	699160A	199-12-6329.00-041-011000	LIBRARY BOOKS	1,086.91	N
			005832	699160	199-12-6329.00-041-011000	LIBRARY BOOKS	2,970.60	N
						Totals for Check 086341	**4,950.95**	
086342	07-29-2020	GARY TUPA PLUMBING	004681	74085	199-51-6316.00-999-099000	PLUMBING MAINT EXPENSES	8.95	N
086343	07-29-2020	GOPHER SPORT	005791	9740421	199-11-6399.23-041-011000	PE SUPPLIES	1,194.10	N
			005791	9746247	199-11-6399.23-041-011000	PE SUPPLIES	69.95	N
						Totals for Check 086343	**1,264.05**	
086344	07-29-2020	SCHOOLKIDZ.com LLC	005973	233581	289-11-6399.03-999-924000	SCHOOL SUPPLIES	1,430.50	N
086345	07-29-2020	KP EDUCATION SYSTEM	006072	3972	199-11-6395.78-001-022000	CULINARY ARTS LICENSE	2,250.00	N
086346	07-29-2020	TURK KRENEK	700007	JUNE 29-JULY	199-12-6411.00-999-011TEC	JULY TRAVEL	22.43	N
086347	07-29-2020	KYRISH TRUCK CENTER	004185	X501026381:01	199-34-6399.00-999-099000	BUS PARTS-REPAIRS	472.68	N
086348	07-29-2020	GIZELL MARTIN	000007	BUS PHY REIM	199-34-6216.00-999-099000	BUS PHY REIM	100.00	N
086349	07-29-2020	MATAGORDA CONSTRU	005960	67501	199-51-6619.00-001-099FAC	FAC #38 H/S CHIP/SEAL PKG LOT	56,335.00	N
086350	07-29-2020	MCCOY'S BUILDING SUP	005623	9673822	199-51-6316.00-999-099000	GEN MAINT-BUILD	28.57	N
			005623	9674630	199-51-6316.00-999-099000	GEN MAINT-BUILD	62.61	N
			005624	9673376	199-51-6316.00-999-099000	CARPENTER-CAMPUS PROJECT	195.31	N
			006011	9673995	199-51-6316.00-999-099000	CARPENTER-CAMPUS PROJECT	463.47	N
			006011	9673996	199-51-6316.00-999-099000	CARPENTER-CAMPUS PROJECT	13.84	N
				9673442	199-51-6316.00-999-099000	RETURN BIRCH	-342.66	N
						Totals for Check 086350	**421.14**	
086351	07-29-2020	DONALD OLDAG	700007	JUNE 24-JULY	199-51-6411.00-999-099W00	JULY TRAVEL	63.42	N
086352	07-29-2020	PAINT PERFECTION	005418	823598	199-51-6316.00-999-099000	GEN MAINT-PAINT	124.06	N
086353	07-29-2020	REGION 3 EDUC. SERVI	005903	055693	199-13-6411.35-041-021000	GT WORKSHOP	160.00	N
			005903	055694	199-13-6411.35-041-021000	GT WORKSHOP	160.00	N
			005903	055695	199-13-6411.35-041-021000	GT WORKSHOP	160.00	N
			591801	055696,055697	199-13-6411.35-041-021000	WORKSHOP REGISTRATION	320.00	N
			591801	055698,055699	199-13-6411.35-041-021000	WORKSHOP REGISTRATION	320.00	N
			591801	055700,055701	199-13-6411.35-041-021000	WORKSHOP REGISTRATION	320.00	N
			005861	055690,055691	199-13-6411.35-041-021000	GT WORKSHOP	320.00	N
			005861	055692	199-13-6411.35-041-021000	GT WORKSHOP	160.00	N
			700007	055702	199-31-6411.00-107-099000	REG FEE	10.00	N
			006025	055420	199-41-6399.01-701-099000	SCHOOL CALENDARS	1,125.00	N
						Totals for Check 086353	**3,055.00**	

For the Month of July

Check Nbr	Check Date	Payee	PO Nbr	Invoice Nbr	Fnd-Fnc-Obj.So-Org-Prog	Reason	Amount	EFT
086354	07-29-2020	REGION 4 EDUC. SERVI	005897	153189663	199-13-6411.00-107-023000	STAFF DEVELOPMENT	135.00	N
086355	07-29-2020	SCHMIDT IMPLEMENT, I	006003	19306	199-51-6317.00-999-099000	GROUNDS SUPPLIES/MAINT	231.89	N
086356	07-29-2020	SCHOOL MATE	005680	IN000538683	211-11-6399.35-102-030000	CLASSROOM MGMT	733.70	N
			005751	IN000535532	211-11-6399.35-102-030000	STUDENT PLANNER	27.50	N
			005751	IN000538683	211-11-6399.35-102-030000	STUDENT PLANNER	130.60	N
			005680	IN000538532	211-11-6399.35-102-030000	CLASSROOM MGMT	1,748.50	N
						Totals for Check 086356	**2,640.30**	
086357	07-29-2020	THE SCREEN STOP	006089	1733	199-34-6399.02-999-099000	STAFF POLOS	993.50	N
086358	07-29-2020	SOUTH TEXAS SCHOOL	005848	7697	199-11-6399.00-041-011000	STUDENT STACK CHAIRS	1,250.00	N
			005934	7698	199-11-6399.00-041-011000	STUDENT DESKS	4,165.00	N
						Totals for Check 086358	**5,415.00**	
086359	07-29-2020	SUNSHINE LAUNDRY	004343	JULY 2020	199-11-6299.70-001-022000	UNIFORM SERVICE	18.00	N
			004343	JULY 2020	199-51-6299.00-999-099000	UNIFORM SERVICE	199.80	N
						Totals for Check 086359	**217.80**	
086360	07-29-2020	SUPERIOR MOTOR PAR	004312	9319-338402	199-34-6399.01-999-099000	SHOP SUPPLIES	7.98	N
086361	07-29-2020	SWIM SHOPS OF THE S	700007	RTN058645	199-36-6399.90-001-0910SM	SWIMMING EXP	12.00	N
086362	07-29-2020	T-MOBILE	700007	969007252-JU-	199-34-6299.00-999-099000	GPS SERVICES	815.32	N
086363	07-29-2020	T-MOBILE	006042	969756706-JU-	199-11-6399.29-999-011TEC	Student Hot Spots for Covid	1,500.00	N
086364	07-29-2020	TCEA	005887	000008387	289-13-6298.35-102-024000	CONFERENCE REGISTRATIONS	169.00	N
			005887	000008415	289-13-6298.35-102-024000	CONFERENCE REGISTRATIONS	169.00	N
			005887	000008415	289-13-6298.35-102-024000	CONFERENCE REGISTRATIONS	169.00	N
			005887	000008404	289-13-6298.35-103-024000	CONFERENCE REGISTRATIONS	169.00	N
			005887	000008576	289-13-6298.35-107-024000	CONFERENCE REGISTRATIONS	169.00	N
						Totals for Check 086364	**845.00**	
086365	07-29-2020	TEXANA CENTER	000007	1587-JULY	199-11-6216.01-001-023000	BEHAVIOR MANAGEMENT	12,320.00	N
086366	07-29-2020	TEXAS DEPT OF LICENS	006045	9286,8587,346,4	199-51-6299.00-999-099000	H/D ELEVATOR INSPECTIONS	80.00	N
086367	07-29-2020	TEXAS EDUCATIONAL M	004009	AUG 2020	199-11-6299.00-001-028W00	SALARIES	4,812.25	N
			004009	AUG 2020	199-11-6299.01-001-011W00	SALARIES	4,151.08	N
						Totals for Check 086367	**8,963.33**	
086368	07-29-2020	TEXAS STATE BILLING S	000007	21247	199-11-6299.00-999-023000	MEDICAID BILLING	983.45	N
086369	07-29-2020	TERESE TOMPKINS	000007	MEGAPHONES	199-36-6499.63-001-091000	CHEERLEADER MEGAPHONES	902.50	N
086370	07-29-2020	TYNKER	006074	INV-VV-350-SR	289-11-6395.00-999-0240SP	TYNKER SOFTWARE	3,520.00	N
			006024	INV-VV-348-SR	289-11-6395.35-041-024000	TYNKER PREMIUM PLAN	2,000.00	N
						Totals for Check 086370	**5,520.00**	
086371	07-29-2020	UNIFIRST CORPORATIO	005608	8150881104	199-34-6299.00-999-099000	UNIFORMS	39.40	N
086372	07-29-2020	UNITED AGRICULTURAL	004309	271830	199-34-6399.01-999-099000	SHOP SUPPLIES	89.29	N
			005612	267978	199-51-6316.00-999-099000	GEN MAINT-BUILDING MAINT	31.12	N
						Totals for Check 086372	**120.41**	

For the Month of July

Check Nbr	Check Date	Payee	PO Nbr	Invoice Nbr	Fnd-Fnc-Obj.So-Org-Prog	Reason	Amount	EFT
086373	07-29-2020	VOCATIONAL AGRICULT	072801	49315-C	244-13-6411.00-001-022000	CASE WORKSHOP	200.00	N
086374	07-29-2020	VICTORIA FIRE & SAFET	006063	134576	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	38.29	N
			006063	134577	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	108.15	N
			006063	134578	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	1,031.75	N
			006063	134579	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	12.75	N
			006063	134580	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	119.04	N
			006063	134581	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	890.19	N
			006063	134582	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	221.20	N
			006063	134613	199-51-6299.00-999-099000	FIRE EXT INSPECTIONS	477.08	N
						Totals for Check 086374	**2,898.45**	
086375	07-29-2020	VICTORIA REGIONAL PR	000007	4TH QTR DEAF	199-93-6492.01-999-023W00	4TH QTR DEAF ED	5,161.40	N
086376	07-29-2020	WALMART COMMUNITY	006050	03724	199-34-6399.01-999-099000	PORTABLE AC	486.00	N
			006036		199-34-6399.02-999-099000	TRANS OFFICE SUPPLIES	64.99	N
			004008		199-41-6399.00-720-099000	ADMINISTRATIVE SUPPLIES	57.35	N
			004008		199-41-6399.00-750-099000	ADMINISTRATIVE SUPPLIES	27.30	N
			004138		199-51-6315.00-999-099000	JANITORIAL	55.53	N
			004135		199-51-6317.00-999-099000	GROUNDS	20.93	N
			004139		199-51-6319.00-999-099000	GEN MAINT-M&O SUPPLIES	206.00	N
			004134		199-51-6399.00-999-099000	GEN DISTRICT MAINT SUPPLIES	63.48	N
			004240		199-51-6499.00-999-099000	GEN MAINT	16.62	N
						Totals for Check 086376	**998.20**	
086377	07-29-2020	WESTERN PSYCHOLOGI	005898	WPS-326897	437-31-6339.00-751-023000	TESTING MATERIALS	788.70	N
086378	07-29-2020	WHARTON COUNTY JR.	072801	ECHS	199-11-6299.00-001-011000	HB5 TSI TESTS	1,515.00	N
						Total Checks	**724,540.33**	

End of Report

Action Required

Consent Agenda Item: 4.B.3
Meeting Date: August 25, 2020
Submitted by: David Bright, Assistant Superintendent for Finance

Business and Operations	**Renewal Proposal for Continued Participation in TASB Risk Management Fund Unemployment Compensation Program**
Summary	For several years we have participated in the TASB Risk Management Fund's Unemployment Compensation Program. We recently received our renewal proposal for 2020-2021. Our current agreement expires on September 30, 2020.
ECISD Board Policy	CRF (LEGAL), INSURANCE AND ANNUITIES MANAGEMENT, UNEMPLOYMENT INSURANCE
Effective Date	October 1, 2020
Previous Board Action	The Board previously entered into an Interlocal Participation Agreement with TASB Risk Management Fund to provide Unemployment Compensation for the district.
Future Action Expected	The Board will annually consider the Unemployment Compensation renewal.
Background Information and Significant Issues	According to the *Texas Labor Code § 205.021*, the district may enter a joint group account with other reimbursing political subdivisions to share the cost of benefits that are attributable to service in the employ of the group account members.
Fiscal Impact	2020-2021 contribution will be $31,714. This is a decrease of $16,612 from the prior year.
Student and Public Benefit	Participating with other member districts makes the cost for providing Unemployment Insurance more cost effective.
Procedural and Reporting Implications	Execute and return the Contribution and Coverage Summary for the Unemployment Compensation Program to TASB Risk Management Fund.

Public Comments	None.
Alternatives	None**.**
Other Comments and Related Issues	**Impact of Coronavirus Pandemic on Unemployment Compensation Program** *(Please see attached email from TASB)*
Attachments	Copy of 2020-2021 Unemployment Compensation Renewal from TASB Risk Management Fund.
Contact Person(s)	David Bright, Assistant Superintendent of Finance and Operations
Action Required	Motion, second and majority vote to approve the renewal of our Unemployment Compensation Program with TASB Risk Management Fund.
Superintendents Recommendation	I recommend approval of the renewal of our Unemployment Compensation Program with TASB Risk Management Fund as a part of the Consent Agenda. **Bob Callaghan, Superintendent of Schools**

David Bright

From: TASB RMF <TASBRMF@tasbrmf.org>
Sent: Thursday, August 13, 2020 9:26 AM
To: David Bright
Cc: Rosa Brown
Subject: TASB Risk Management Fund Renewal for Unemployment Compensation Coverage

CAUTION: This email originated outside of El Campo ISD. Do not click links or open attachments unless you recognize the sender and know the content is safe. **Remember to Think Before Clicking!**

TASB™ RISK FUND

8/13/2020

David Bright

El Campo ISD

Dear David,

Below is a link to your renewal proposal for unemployment compensation (UC) coverage with the TASB Risk Management Fund (Fund) for October 1, 2020 – September 30, 2021. The proposal is based on our best estimates of the cost of UC benefits to be paid next year. We also include background and context for how we determined contributions.

Impact of Coronavirus Pandemic on Unemployment Compensation Program

As you are undoubtedly aware, the current pandemic has resulted in widespread unemployment throughout Texas. Although school districts and other Fund members continued to pay most of their employees, unemployment claims by substitutes and other non-contract employees reached a historic level. Between mid-March and end of June, **44,921 new UC claims** were filed against Fund Members. That is more than the **total number of claims filed from 2014 through 2018**. We estimate that the total cost of claims for the current UC program year will be approximately $44 million, far surpassing the Fund's annual UC contributions of $9.5 million. Fortunately, the Fund is in strong financial condition and can absorb these claims without additional contributions from members.

As a reminder, former employees are eligible for 26 weeks of regular benefits and an additional 13 weeks of emergency benefits during the pandemic period. That results in a maximum liability for any claim of $20,319. Our initial review indicates that claims arose from the following scenarios:

- Substitute teachers
- Employees who may not have understood they would continue to be paid
- Employees who had left school district employment but lost a subsequent job and whose eligibility period included their district work
- Employees who lost second jobs

Fortunately, the CARES Act passed by Congress promises to reimburse local governments for unemployment compensation claims incurred from March through December up to 50%. Your renewal proposal incorporates CARES Act reimbursements into the estimation of future claims.

Estimating Next Year's Costs and Your Renewal
Although a great deal of uncertainty remains for the upcoming year, we anticipate that UC claims will stabilize, although at a higher than normal level.

Because the Fund is in strong financial position, next year's funding does not attempt to recover for claims paid this year. Next year's contributions are intended to cover next year's claims. However, because of the uncertainty of the economic and employment environment over the next 12 months, the Fund is reserving the right to ask for an additional contribution if your organization's UC claims next year exceed 300% of your 2020-21 contribution. You will only be charged the additional contribution if the Fund's Board of Trustees determines that overall Fund UC claims exceed contributions to the point of jeopardizing the Fund's financial condition. If this occurs, you will only be charged if your organization's claims exceed your contribution by more than 300%. You will not be charged for other members' claims.

In determining costs for UC coverage for next year, we considered the following factors
1. Your actual UC claims experience over the past year.
2. Credit for your participation and positive claims experience in other Fund programs.
3. The overall funding needs of the Fund as a risk-sharing pool.

Steps You Can Take
TASB staff, working with Fund Members, have found some inappropriate claims paid including claims filed by individuals who are not eligible for benefits and some instances of identity theft. As we have identified those claims, we have notified TWC and stopped payment. To ensure that only legitimate benefits are paid, we urge you to review your C58R report under Unemployment Compensation Resources in myTASB to ensure that all of your organization's claims are legitimate. If you find any that are not, or have questions, please notify TASB's UC Attorney, James Ezell, at james.ezell@tasb.org immediately.

Renewing Your UC Coverage with the Fund

As in the past, you can renew your coverage in our online member renewal portal. Review, approve and submit your renewal documents by clicking Member Renewal Packet or by logging into the Fund Website with your myTASB password.

Please carefully review the terms, conditions, and pricing of the renewal proposal. Please note that if you take no action, coverage automatically renews with no opportunity for termination on October 1, 2020. If you are evaluating other options, please submit a tentative notice of termination no later than September 1 to avoid penalties for late termination notice.

If you would like to explore other coverage options with the Fund, please contact your Risk Management Marketing Consultant, Rosa Brown. We appreciate your membership in the Fund. We recognize that this renewal is difficult, and we are hopeful that benefit payments will stabilize in the coming months.

We believe that the Fund's ability to weather this unexpected UC storm in the current year shows the value of your continued membership in the Fund's UC program.

Sincerely,

Rosa Brown
Risk Management Marketing Consultant
Division of Underwriting & Marketing

Texas Association of Schools Boards, Inc.
12007 Research Blvd., Austin, Texas 78759-2439
P.O. Box 301, Austin, Texas 78767-0301
Toll-Free: 800.482.7276 | Austin area: 512.467.3699

TASB RISK FUND

TASB Risk Management Fund • 12007 Research Blvd., Austin, Texas 78759-2439
P.O. Box 301 • Austin, Texas 78767-0301 • 800.482.7276 • tasbrmf.org
Administered by the Texas Association of School Boards

El Campo ISD

Contribution & Coverage Summary (CCS)

Participation Period: October 1, 2020 through September 30, 2021

UNEMPLOYMENT COMPENSATION	Contribution
Unemployment Compensation - Pool	$31,714

TOTAL CONTRIBUTION	$31,714

This is not an Invoice.

Conditions

Unemployment Compensation - Pool

Agreement: This Agreement provides coverage for statutory unemployment compensation benefits and assistance with general unemployment compensation matters such as administrative hearings and filings with the Texas Workforce Commission (TWC). Coverage does not extend to litigation involving unemployment claims or other employment related matters.

As part of this Agreement, the Fund assumes responsibility for the Fund Member's quarterly claim payments payable to TWC for the term of this Agreement. All benefit credits and reimbursements, including but not limited to federal CARES Act credits, received during or attributable to any period of the Fund Member's participation in the Fund's UC program for which the Fund paid benefits, are owed to the Fund. Fund Member must be a reimbursing employer pursuant to the Texas Unemployment Compensation Act (TUCA) and must execute a Power of Attorney permitting the Fund to represent Fund Member in its relations with TWC.

Fund Member agrees to comply with the provisions of the TUCA, to respond timely to TWC requests and reporting requirements, and to comply with TWC rules and procedures. Fund member also agrees to implement loss prevention and cost containment recommendations from the Fund relating to unemployment compensation benefits. Fund Member agrees to submit wage reports through electronic reporting to the Fund or TWC according to Fund and TWC requirements. Any fines or penalties imposed for Fund Member's failure to comply with the TUCA will be the sole responsibility of the Fund Member. If the Fund advances payment of any fine or penalty, Fund Member agrees to reimburse the Fund for all such costs. Upon termination of this coverage, Fund Member agrees to assume responsibility for claim payments and reports due to the TWC.

Contribution: The contribution shown on this Contribution and Coverage Summary (CCS) is developed by the Fund and is based on the Fund's overall expected unemployment compensation claims costs for the participation period shown and each individual member's claims experience. The contribution is not adjustable during the coverage period due to changes in Fund member's wages. However, the contribution may be adjusted by the Fund if payments due to the Texas Workforce Commission (TWC) for the Fund Member's unemployment compensation benefit payments for this participation period exceed 300% of the Fund Member's annual Unemployment Compensation contribution. The additional contribution adjustment will be based solely on the Fund Member's own claims.

Assistance: The Fund's services include assistance to Fund Member with TWC hearings. Fund Member's request for assistance constitutes authorization for the Fund to appoint an attorney to provide representation to Fund Member before the TWC and for such attorney and other Fund representatives to have privileged communications with Fund Member regarding claims subject to TWC administrative proceedings. The Fund's assistance of Fund Member under this provision does not extend to litigation involving unemployment claims or other employment related matters.

General

Coverage: Coverage terms and limits provided are as set out in this CCS and the Fund's Coverage Agreement for this participation period.

Definitions: Any terms not defined in this CCS will use the definition for that term from the corresponding Fund coverage agreement.

Payment: The Fund Member agrees to pay the annual contribution as shown on this CCS within 60 days of the receipt of an invoice from the Fund.

Renewal and Termination: This CCS may be terminated by either party with the termination to be effective on any successive CCS renewal date by giving written notice to the other party no later than 30 days prior to automatic renewal in accordance with the Interlocal Participation Agreement (IPA). If this CCS is not terminated as allowed in the IPA, the renewal CCS becomes effective without the need for signature on the automatic renewal date and the member shall be bound by the terms of the renewal CCS.

Termination of any Fund coverage shall not affect the remaining coverage unless stated in the CCS. The Fund may collect all amounts that are due to the Fund in the event of termination or breach by the Fund Member.

Program Coordinators

Coordinator:

The Fund Member is required to designate a Program Coordinator (Coordinator) with express authority to represent and bind the Fund Member in all program matters. Below are the current program coordinators as we have listed.

Unemployment Compensation - David Bright

If a Coordinator's name and contact information is not provided above, the current designated Coordinator and contact information will need to be completed below:

Program	Name	Title	Address	Phone	Email
Unemployment Compensation					

Fund Member Authorization:

I approve this Contribution and Coverage Summary (CCS) and certify that this information is correct. I affirm that I am duly authorized to approve this CCS and that I have read and agree to this CCS and the Interlocal Participation Agreement.

Authorized signature

Date

Printed name

Title

Action Required

Consent Agenda Item: 4.B.4
Meeting Date: August 25, 2020
Submitted by: David Bright, Assistant Superintendent for Finance

Business and Support Services	Approval of Resolution to Commit District Fund Balance
Summary	In accordance with the Governmental Accounting Standard Board (GASB) Statement 54—"Fund Balance Reporting and Governmental Fund Type Definitions", prior to the end of a fiscal year a resolution must be adopted by the Board of Trustees that "*commits fund balance to specific purpose(s) …, but the amount(s), if any, which will be subject to the constraint, may be determined in the subsequent perio*d." The committed amounts may be determined when the audited fund balance amounts are known after the fiscal year end.
ECISD Board Policy	CE (LOCAL), ANNUAL OPERATING BUDGET
Effective Date	2020-2021 Fiscal Year
Previous Board Action	Since 2011 the Board has annually adopted a resolution to commit fund balance at a meeting in August, prior to the end of the fiscal year, to comply with GASB 54.
Future Action Expected	The Board will annually adopt a resolution to commit fund balance prior to the end of each fiscal year in compliance with GASB 54.
Fiscal Impact	None.
Student and Public Benefit	The public will see a more structured classification for reporting fund balance.
Procedural and Reporting Implications	Once approved, amounts will be subject to annual financial audit.

Public Comments	None.
Alternatives	None.
Other Comments and Related Issues	None.
Attachments	Resolution to Commit Fund Balance
Contact Person(s)	David Bright, Assistant Superintendent of Finance and Operations
Action Required	Motion, second and majority vote to approve the proposed Resolution to Commit Fund Balance.
Superintendent's Recommendation	I recommend that the Board approve the proposed Resolution to Commit Fund Balance as a part of the Consent Agenda. **Bob Callaghan, Superintendent of Schools**

El Campo I.S.D.
Resolution to Commit Fund Balance

STATE OF TEXAS
COUNTY OF WHARTON

RESOLUTION

The Board of Trustees of the El Campo Independent School District being convened in Regular Session at the El Campo I.S.D. Administration Office within the boundaries of the El Campo Independent School District, on the 25th day of August, 2020, with a quorum present in the persons of:

_____

_____

Trustees being absent: _____

WHEREAS Trustee _____ introduced the following order, moved its adoption, and the motion having been seconded by Trustee _____ was duly put and carried, said Order reading as follows:

IT IS HEREBY RESOLVED, ordered, and directed that the El Campo Independent School District commit the following portions of its August 31, 2020 General Fund unassigned fund balance.

BE IT RESOLVED, the District commits an additional $50,000 for future Turf replacement at the El Campo I.S.D. High School Stadium.

BE IT RESOLVED, the District commits portions of its August 31, 2020, Special Revenue and Other Funds unassigned fund balances as follows:

- Campus Activity Funds – Funds generated at the campuses and accounted for in the campus activity special revenue funds are committed to the respective campus.
- Child Nutrition Funds – Funds generated by the child nutrition department and accounted for in the child nutrition special revenue fund are committed to child nutrition.
- Family Crisis Fund—Funds generated by interest earnings only are committed for family crisis spending.
- Non-Permanent High School Scholarship Funds—Funds generated are committed for awarding student scholarships.
- Permanent High School Scholarship Funds—Funds generated by interest earnings only are committed for awarding student scholarships.

Attest:

_____
James Russell, President
El Campo I.S.D. Board of Trustees

_____
Greg Anderson, Secretary
El Campo I.S.D. Board of Trustees

Information Only

Agenda Item: 4.B.5
Meeting Date: August 25, 2020
Submitted By: David Bright, Assistant Superintendent for Finance

Business and Support Services	Review of Invoices submitted from SZH Architecture.
Summary	Although payments to SZH Architecture are in accordance with their contract with the district, applications for payment are presented for review each month as a part of the Consent Agenda. **Invoice No. 201924-02 – Payment No. 2 for El Campo Weight Room.** This invoice in the amount of $20,625 is for Design Development Phase.
ECISD Board Policy	CH (LOCAL) PURCHASING AND ACQUISITION, PURCHASING AUTHORITY
Effective Date	July 25, 2020.
Previous Board Action	The board has previously approved SZH Architecture. as the design firm for the district construction projects. Applications for Payment are in accordance with Article 11.2 of this contract between the owner and the architect.
Future Action Expected	The Board will review Applications for Payment from SZH Architecture as a part of the Consent Agenda each month throughout the duration of the construction projects.
Background Information and Significant Issues	None

El Campo Weight Room Project

Payment Recap for El Campo Weight Room Project

Date	Application for Payment No.	Invoice No.	Amount	Earned to Date	Balance Due
Fee at 6% of Estimated Cost of $2.5 million					**$150,000.00**
6/29/20	1	201924-01	$16,875.00	$16,875.00	$133,125.00
8/1/20	2	201924-02	$20,625.00	$20,625.00	$112,500.00

Reimbursable Expenses

Date	Application for Payment No.	Invoice No.	Amount	Paid to Date

Student and Public Benefit

Monthly review of the Applications for Payment from the district's architect insures accounting transparency for the public on these projects.

Procedural and Reporting Implications

None.

Other Comments and Related Issues

None.

Attachments

- SZH Application for Payment No. 201924-2 for El Campo Weight Room Project

Contact Person(s)

David Bright, Assistant Superintendent for Finance

Action Required

None.

Recommendation

No action required.

Superintendent's Recommendation

Information only.

Bob Callaghan, Superintendent of Schools

Singleton Zimmer Haliburton Architecture
1711 Cavitt Avenue, Bryan, TX 77801
979-779-5757
Wade@SZHArchitecture.com

SZH ARCHITECTURE

El Campo Independent
School District
700 West Norris
El Campo, TX 77437

INVOICE NO: 201924-02
TERMS: Net 30
DATE: 08/01/2020
DUE DATE: 08/31/2020

El Campo Independent School District:El Campo Weight Room

Project Number
201924

ACTIVITY	QTY	RATE	AMOUNT
Design:Schematic Design 6% of 2.5M	0.04	150,000.00	5,625.00
Design:Design Development 6% of 2.5M	0.10	150,000.00	15,000.00
Design:Construction Documents 6% of 2.5M	0	150,000.00	0.00
Project Management:Bidding & Contract Negotiation 6% of 2.5M	0	150,000.00	0.00
Project Management:Construction Administration 6% of 2.5M	0	150,000.00	0.00
	BALANCE DUE		**$20,625.00**

Thank you for choosing SZH Architecture.

www.szharchitecture.com

Title IX Coordinator

The District designates and authorizes the following person as the Title IX coordinator to be responsible for coordinating the District's efforts to comply with Title IX of the Education Amendments of 1972, as amended, for employees:

Name: Alicia Stary

Position: Director of Federal Programs

Address: 700 W. Norris Street, El Campo, TX 77437

Email: Title IX coordinator (astary@ecisd.org)

Telephone: (979) 543-6771

ADA/Section 504 Coordinator

The District designates and authorizes the following person as the ADA/Section 504 coordinator to be responsible for coordinating the District's efforts to comply with Title II of the Americans with Disabilities Act of 1990, as amended, which incorporates and expands upon the requirements of Section 504 of the Rehabilitation Act of 1973, as amended, for employees:

Name: Laura Pustejovsky

Position: Special Programs Coordinator

Address: 2620 Meadow Lane, El Campo, TX 77437

Email: ADA/Section 504 coordinator (lpustejovsky@ecisd.org)

Telephone: (979) 543-8255

Title IX Coordinator

The District designates and authorizes the following person as the Title IX coordinator to be responsible for coordinating the District's efforts to comply with Title IX of the Education Amendments of 1972, as amended, for students:

Name: Alicia Stary

Position: Director of Federal Programs

Address: 700 W. Norris Street, El Campo, TX 77437

Email: Title IX coordinator (astary@ecisd.org)

Telephone: (979) 543-6771

ADA/Section 504 Coordinator

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Name: Laura Pustejovsky

Position: Special Programs Coordinator

Address: 2620 Meadow Lane, El Campo, TX 77437

Email: ADA/Section 504 coordinator (lpustejovsky@ecisd.org)

Telephone: (979) 543-8255

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Position: Director of Federal Programs

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Email: Title IX coordinator (astary@ecisd.org)

Telephone: (979) 543-6771

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Position: Special Programs Coordinator

Address: 2620 Meadow Lane, El Campo, TX 77437

Email: ADA/Section 504 coordinator (lpustejovsky@ecisd.org)

Telephone: (979) 543-8255

Consent Item

Agenda Item Summary Sheet
Meeting Date: August 25, 2020
Submitted by: Dolores A. Trevino, Asst. Supt. of Curriculum & Instruction

Consent Agenda:	Annual Approval of T-TESS Certified Appraisers
Summary	**Certified Appraisers.** According to the board policy, DNA (LEGAL). PERFORMANCE APPRAISAL: EVALUATION OF TEACHERS, before conducting appraisals, an appraiser must be certified by having satisfactorily completed uniform appraiser training. Periodic recertification and training shall be required. DNA (LEGAL) also states that a teacher may request a second appraisal by another appraiser; and that the District shall adopt written procedures for determining the selection of second appraisers. To comply with this requirement, the Board has adopted DNA (LOCAL), which states that upon a teacher's request for a second appraiser, the Superintendent or designee shall select the second appraiser from a pre-established roster of trained appraisers. To approve this *"pre-established roster of trained appraisers,"* the Board annually approves a list of certified appraisers for the District.
ECISD Board Policy	**DNA (LEGAL), PERFORMANCE APPRAISAL: EVALUATION OF TEACHERS** **DNA (LOCAL), PERFORMANCE APPRAISAL: EVALUATION OF TEACHERS**
Effective Date	2020-2021 School Year
Previous Board Action	The Board annually approves the list of Certified Appraisers.
Future Action Expected	None.
Background Information and Significant Issues	None.
Fiscal Impact	None.
Student and Public Benefit	A teacher, performance evaluation system is in place that complies with statutory requirements.
Procedural and Reporting Implications	None.
Public Comments	None.
Alternatives	None.
Other Comments and Related Issues	None.
Attachments	2020-2021 ECISD T-TESS Certification List

Contact Person(s)	Dolores A. Treviño, Assistant Superintendent of Curriculum and Instruction
Action Required	Motion, second, and majority vote to approve the 2020-2021 list of Certified T-TESS Appraisers.
Superintendent's Recommendation	I recommend you approve the 2020-2021 list of T-Certified TESS Appraisers as part of the Consent Agenda. **Bob Callaghan, Superintendent of Schools**

ECISD T-TESS Certification (2020-2021)

Last Name	First Name	Email	Role	Certification Status	Certification Year
Araguz	Amy	aaraguz@ecisd.org	Observer	Certified	2020-2021
Bush	Emily	ebush@ecisd.org	School Administrator	Certified	2020-2021
Capak	Deborah	dcapak@ecisd.org	Observer	Certified	2020-2021
Couey	Mauri	mcouey@ecisd.org	School Administrator	Certified	2020-2021
Crowell	Rebecca	rscrowell@ecisd.org	School Administrator	Certified	2020-2021
Dluhos	Rachel	rdluhos@ecisd.org	Assistant School Administrator	Certified	2020-2021
Fuechec	Todd	tfuechec@ecisd.org	Observer	Certified	2020-2021
Jung	Dana	djung@ecisd.org	School Administrator	Certified	2020-2021
Poenitzsch	Kyle	kpoenitzsch@ecisd.org	Observer	Certified	2020-2021
Rodriguez	Moises	mrodriguez@ecisd.org	Assistant School Administrator	Certified	2020-2021
Saenz	Steve	ssaenz@ecisd.org	Observer	Certified	2020-2021
Stary	Alicia	astary@ecisd.org	School Administrator	Certified	2020-2021
Trevino	Dolores	dtrevino@ecisd.org	District Administrator	Certified	2020-2021
Tupa	Elizabeth	etupa@ecisd.org	Observer	Certified	2020-2021
Wells	Demetric	dwells@ecisd.org	School Administrator	Certified	2020-2021
Wortham	Sam	swortham@ecisd.org	Assistant School Administrator	Certified	2020-2021

Consent Agenda

Superintendent's Report

Consider County Extension Agents as Adjunct Staff Members and Extracurricular Status for 4-H Resolution

Summary

Requirements of Civil Action 5281, a federal court order issued According to State Board of Education Rule, public school students may be considered "in attendance" when participating in off-campus activities with an adjunct staff member of the school district.

FM (LEGAL) states, "An extracurricular activity is an activity sponsored by the UIL, the Board, or an organization sanctioned by Board resolution. The activity is not necessarily directly related to instruction of the essential knowledge and skills, but may have an indirect relation to some areas of the curriculum.

Extracurricular activities include public performances (except as described below), contests demonstrations, displays, and club activities. In addition, an activity is subject to this policy if any one of the following criteria applies:

1. The activity is competitive;
2. The activity is held in conjunction with another activity that is considered extracurricular;
3. The activity is held off-campus, except in a case in which ad-equate facilities do not exist on campus;
4. The general public is invited; or
5. An admission is charged."

ECISD Board Policy

FM (LEGAL), STUDENT ACTIVITES

Effective Date

2020-2021 School Year

Previous Board Action

The Board should annually approve County Extension Agents as adjunct staff members.

Future Action Expected

The Board should annually approve County Extension Agents as adjunct staff members.

Background Information and Significant Issues

The Board should annually approve County Extension Agents as adjunct staff members.

Fiscal Impact	None.
Student and Public Benefit	Allows students to participate in 4-H activities as an extracurricular activity.
Procedural and Reporting Implications	None.
Public Comments	None.
Alternatives	None.
Other Comments and Related Issues	None.
Attachments	• Letter from County Extension Agent • Extracurricular Status Request Resolution • Faculty Agreement
Contact Person(s)	Bob Callaghan, Superintendent of Schools Vicky Limas, Executive Secretary
Action Required	Approve as Part of the Consent Agenda
Superintendent's Recommendation	Approve as Part of the Consent Agenda **Bob Callaghan, Superintendent of Schools**

August 18, 2020

To: Superintendent Bob Callaghan
El Campo Independent School District

Subject: Wharton County 4-H
Adjunct Faculty Agreement

Dear Superintendent Callaghan,

Enclosed you will find information pertaining to our Annual Adjunct Faculty Status that we keep with your school district. Given the current circumstances that we are all facing I wanted to reach out personally to let you know that I am more than happy to visit with you at any given time to discuss steps moving forward, address any concerns, and answer any questions that you may have about the Wharton County 4-H program and the utilization of our Adjunct Faculty Status to excuse 4-H members in good academic standing for events and activities.

Please know that we appreciate the relationship that we have maintained with the El Campo Independent School District and hope to continue working together to support our county's youth.

I look forward to hearing from you with any questions you may have.

Sincerely,

Laura Reyna

Laura Reyna
Texas A&M AgriLife Extension
Wharton County
County Extension Agent – 4-H Youth & Development

Texas A&M AgriLife Extension Service
Wharton County 4-H
315 E. Milam St. | Suite 112 | Wharton, Texas 77488

Tel. 979.532.3310 | Fax. 979-532-8863 | lereyna@ag.tamu.edu

Educational programs of the Texas A&M AgriLife Extension Service are open to all people without regard to race, color, sex, religion, national origin, age, disability, genetic information, or veteran status. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating

EXTRACURRICULAR STATUS REQUEST

Request for Extracurricular Status For 4-H

WHARTON COUNTY EXTENSION SERVICE

TEXAS A&M AGRILIFE EXTENSION

August 18, 2020

Superintendent Bob Callaghan
El Campo Independent School District
700 West Norris Street
El Campo, Texas 77437

Dear Superintendent Callaghan:

On behalf of the 4-H members of Wharton County, we hereby respectfully request that the 4-H organization, by the attached resolution, be sanctioned as an extracurricular activity. We request the enclosed RESOLUTION be presented for consideration at the next scheduled meeting of the **Board of Trustees of the El Campo Independent School District**. We further request that questions regarding this RESOLUTION be directed to us in a timely manner so that we may prepare and present an appropriate response so as not to delay action on this request.

Finally, we request that a signed copy of this RESOLUTION, along with a copy of the minutes of the Board meeting, be forwarded to us for our files.

Thank you and members of the Board of Trustees for your consideration of this request.

Sincerely,

Laura Reyna

Laura Reyna
County Extension Agent
4-H and Youth Development

Attachment: Resolution for Extracurricular Status of 4-H Organization

Wharton County Extension Office
315 East Milam | Suite 112
Wharton, Texas 77488
http://texas4-h.tamu.edu | Tel. 979-532-3310 | Fax. 979-532-8863

EXTRACURRICULAR STATUS REQUEST

Resolution Requesting Extracurricular Status For 4-H

RESOLUTION

EXTRACURRICULAR STATUS OF 4-H ORGANIZATION

Be it hereby resolved that upon this date, the duly elected Board of Trustees of the

El Campo Independent School District

meeting in public with a quorum present and certified,
did adopt this resolution that recognizes the

Wharton County

Texas 4-H Organization as approved for recognition and eligible for extracurricular status consideration under 19 Texas Administrative Code, Chapter 76.1, pertaining to extracurricular activities.

Participation by 4-H members under provisions of this resolution are subject to all rules and regulations set forth under the 19 Texas Administrative Code as interpreted by this Board and designated officials of this school district whose rules shall be final.

Approved this_____day of_____, 20_____.

Board of Trustee

Superintendent

ADJUNCT FACULTY REQUEST

Adjunct Faculty Status Request

WHARTON COUNTY EXTENSION SERVICE

TEXAS A&M AGRILIFE EXTENSION

August 18, 2020

Superintendent Bob Callaghan
El Campo Independent School District
700 West Norris Street
El Campo, Texas 77437

Dear Superintendent Callaghan:

On behalf of the Wharton County Extension Staff, we hereby respectfully request approval of the attached Adjunct Faculty Agreement with the **El Campo Independent School District**.

The State Board of Education passed an amendment to 19 TAC§129.21 (j). Requirements for Student Attendance Accounting for State Funding Purposes allows public school students to be considered "in attendance" when participating in off-campus activities with an adjunct staff member of the school district. Section 3 of the Student Attendance Handbook states:

(1) The student is participating in an activity that is approved by the local board of school trustees and is under the direction of a member of the professional or paraprofessional staff of the school district, or an adjunct staff member who:

(A) has a minimum of a bachelor's degree; and

(B) is eligible for participation in the Teacher Retirement System of Texas.

Wharton County requests the agents listed on the enclosed Adjunct Faculty Agreement be awarded adjunct staff member status for the period of time indicated on the agreement.

We hope **El Campo Independent School District** will accept this request. Please let us know if you would like to schedule an appointment to discuss the amendment and request or if you need further information.

Thank you and members of the Board of Trustees for your consideration of this request.

Sincerely,

Laura Reyna

Laura Reyna
County Extension Agent
4-H and Youth Development

Attachment: Resolution for Extracurricular Status of 4-H Organization

Wharton County Extension Office
315 E. Milam St. | Suite 112
Wharton, Texas 77488
http://texas4-h.tamu.edu | Tel. 979-532-3310 | Fax. 979-532-8863

ADJUNCT FACULTY REQUEST

Adjunct Faculty Agreement

THE STATE OF TEXAS
COUNTY OF WHARTON

On this date, at a regularly scheduled and posted meeting, came the Board of Trustees of the **El Campo Independent School District**, hereinafter referred to as "District." A quorum having been established, the Board proceeded to consider the appointment of the herein named individual as an adjunct member of the **El Campo Independent School District**.

Upon consideration and vote of_____in favor,_____is hereby named as adjunct faculty member(s) of the **El Campo Independent School District** subject to the following considerations and provisions of such appointment to wit:

1. This appointment shall commence on the_____day of_____, 20____and remain in effect until the _____ day of_____, 20_____.

2. This appointment will include the Texas A&M AgriLife Extension Service employees listed below:

NAME	TITLE	DEGREE	INSTITUTION	DATE
Laura Reyna	County Extension Agent	B.S.	Texas A&M University	2012
Corrie Bowen	County Extension Agent	M.S.	Texas Tech University	1998
Lori Schindler	County Extension Agent	B.S.	Texas A&M University	1994
Kashara Bell	Extension Agent	B.S.	Prairie View A&M University	2014
Kate Harrell	Extension Agent	B.S.	Texas A&M University	2013

3. Adjunct faculty member(s) will receive no compensation, salary, or remuneration from **El Campo Independent School District**.

4. Adjunct faculty member(s) is and shall remain an employee, in good standing, of the Texas A&M AgriLife Extension Service.

5. Adjunct faculty member(s) is and shall remain under the direct supervision of either the District Extension Administrator of District 11 or Wharton County Extension Director.

6. Adjunct faculty member(s) shall receive all group insurance benefits, workman's compensation insurance benefits, unemployment insurance, and any and all other plans for the benefit of Texas A&M AgriLife Extension Service employees. District shall have no responsibility for any of such benefits or plans.

Adjunct faculty member (s) shall direct the activities and participation of students of the school district in sponsored and approved activities as designated from time to time by adjunct faculty members for which notice shall be given to School District administrative personnel. Adjunct faculty members' activities and participation with students of the School District are directed, supervised, and controlled by and through supervisory personnel of Texas A&M AgriLife Extension Service pursuant to the supervisory authority of the District Extension Administrator or County Extension Director. Adjunct faculty member(s) is not the employee of the School District, and School District does not nor shall not supervise, direct or control the activities and/or participation of such Wharton County Extension Agent(s) who have/has been herein designated as an adjunct faculty member.

This appointment is made by the Independent School District by and through the Board of Trustees of said district for the benefit of allowing voluntary student participation in programs conducted by the Texas A&M AgriLife Extension Service in recognition of the educational benefits arising from such participation and activities and/or directed by the Texas A&M AgriLife Extension Service. This appointment is made in accordance with the provisions of Section 129.21 (j)(1) of the Texas Administrative Code authorizing the school to deem such participating students in attendance for foundation school program purposes.

This appointment of the herein named Wharton County Extension Agent(s), is not intended nor shall be construed as a waiver of any claim or defense of sovereign or governmental immunity from liability now possessed by **El Campo Independent School District** or any of its employees, agents, officers, and/or board members in the performance of governmental functions.

Signed this day of _____, 2020.

El Campo Independent School District

By: _____

Action Required

Meeting Date: August 25, 2020
Submitted by: David Bright, Assistant Superintendent for Finance

Business and Support Services:	**Consider Approval of Final Amendments to the 2019-2020 General Operating Budget.**
Summary	The final amendment to the 2019-2020 General Operating Budget will be ready for your consideration at the meeting.
ECISD Board Policy	CE (LOCAL), ANNUAL OPERATING BUDGET
Effective Date	August 31, 2020
Previous Board Action	The Board approved the 2019-2020 General Operating Budget on August 27, 2019.
Future Action Expected	The Board is required to amend the budget when a change increases any one of the functional spending areas**.** The Board annually approves the final amendments for the fiscal year each August.
Background Information and Significant Issues	None.
Fiscal Impact	Will be shown on the amendment document to be presented at the meeting.
Student and Public Benefit	Accurate accounting for the expenditure of public funds.
Procedural and Reporting Implications	Record the official budget amendment and make the necessary changes in the general operating budget.
Public Comments	None.
Alternatives	None**.**

Other Comments and Related Issues	None
Attachments	Final Amendment will be presented at the meeting.
Contact Person(s)	David Bright, Assistant Superintendent of Finance and Operations
Action Required	Motion, second and majority vote to approve the final amendment(s) to the 2019-2020 General Operating Budget,
Superintendent's Recommendation	I recommend you approve the final amendment(s) to the 2019-2020 General Operating Budget as presented. **Bob Callaghan, Superintendent of Schools**

Action Required

Agenda Item: 6.B.2
Meeting Date: August 25, 2020
Submitted by: David Bright, Assistant Supt. for Finance & Operations

Business and Operations	**Review and Consider Approval of Resolution to Adopt Proposed 2020-21 General Operating Budget.**
Summary	According to *Texas Education Code §44.002,* the Superintendent shall prepare, or cause to be prepared, a proposed budget covering all estimated revenue and proposed expenditures of the District for the following fiscal year. The proposed budget shall be prepared on or before August 20th. LOCAL policy on budget planning states that *Budget planning shall be an integral part of overall program planning so that the budget effectively reflects the District's programs and activities and provides the resources to implement them. In the budget planning process, general educational goals, specific program goals, and alternatives for achieving program goals shall be considered, as well as input from the District- and campus-level planning and decision-making committees.* According to TEA guidelines, the Board shall adopt a budget by Fund and Function. Funds included in the General Operating Budget include: • 199 – General Fund • 240 – Food Service • 511 – Debt Service Revenue and expenditures for special revenue funds will be presented to the Board for review, but do not require formal approval.
ECISD Board Policy	CE (LEGAL) / (LOCAL) ANNUAL OPERATING BUDGET
Effective Date	August 25, 2020
Previous Board Action	The Board previously reviewed the budget assumptions for the 2020-2021 General Fund Budget at the regular meeting on February 25, 2020. The Board also reviewed the preliminary budget estimates at the July Regular Board Meeting and the August 11th Special Board Meeting.

Future Action Expected

None

Background Information and Significant Issues

The Proposed Budget is based on the Certified Taxable Value of $1,240,815,477 and a Refined ADA projection of 3,325.

Total revenue in the General Fund is projected to increase by $85,949. This is mainly due to increased funding from the State. Federal revenue is projected to remain the same.

- Local 39.89%
- State 59.13%
- Federal .97%

Expenditures in the General Fund are projected to increase by $857,167.

- Salary & Benefits 73.63%
- Contracted Services 12.78%
- Supplies & Materials 6.31%
- Other Operating Exp. 5.84%
- M&O Debt Service .64%
- Capital Outlay .80%

We have $283,200 budgeted for Capital Outlay expenditures. This includes funds to purchase one bus, two vehicles for the SROs and technology.

Even though our property values have slightly increased, and the State is requiring our District to compress the M&O Tax Rate, I feel it would be to our advantage to maintain our overall Tax Rate of $1.1264. We may also be challenged in our effort to maintain ADA (Average Daily Attendance) as we move through this school year due to the COVID19 virus.

Our goal is always to maintain adequate funds to meet the District's needs including our debt obligation and to offset shortages due to a drop in values in any given year.

Fiscal Impact

$37,819.459 Estimated Revenue

$37,486,327 Estimated Expenditures

Student and Public Benefit

Detailed financial planning ensures that funds are available to provide the necessary personnel, facilities, equipment and supplies for an appropriate education for all students; and that taxpayer' dollars are spent wisely.

Procedural and Reporting Implications

None.

Public Comments	None.
Alternatives	None.
Other Comments and Related Issues	As you know, the decision to go to the voters with the Tax Ratification Election in 2016-17, enabled us to move $0.013 of the I&S Tax Rate to the Maintenance & Operations Tax Rate. Payment of that portion of the debt obligation must come from the General Fund - Fund Balance. Therefore, it is beneficial for the District to maintain a General Fund – Fund Balance adequate enough to meet that obligation.
Attachments	• ECISD Proposed Budget for 2020-2021 (in detail) • Resolution to Adopt 2020-21 General Operating Budget
Submitted by	David Bright, Assistant Superintendent of Finance and Operations
Action Required	Motion, second and majority vote to approve the 2020-2021 General Operating Budget that includes Funds 199, 240, and 511.
Recommendation	I recommend you approve the 2020-2021 General Operating Budget that has been proposed, which includes Funds 199, 240, and 511. **Bob Callaghan, Superintendent of Schools**

ECISD PROPOSED BUDGET

2020-2021

Submitted August 25, 2020

ECISD REGULAR BOARD MEETING

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

SUMMARY BY FUND

FUND	PROGRAM DESCRIPTION	ESTIMATED REVENUES	ESTIMATED EXPENDITURES	SURPLUS/ (DEFICIT)
199	General Fund	36,869,860	35,296,065	1,573,795
240	Food Service Fund	52,728	52,728	0
511	Debt Service Fund	896,871	2,137,534	(1,240,663)
	TOTAL ESTIMATED BUDGET	**$37,819,459**	**$37,486,327**	**$333,132**

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EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

SUMMARY BY FUNCTION

Function	Function Category	2020-21 Proposed	% of Budget	2019-20 Proposed	% of Budget	Incr/ Decr.	% Change
199	***GENERAL FUND***						
11	Instruction	$19,745,408	55.9%	$19,048,478	55.3%	$696,930	3.5%
12	Instructional Resources & Media	$736,022	2.1%	$720,413	2.1%	$15,609	2.1%
13	Curriculum & Staff Development	$964,802	2.7%	$919,727	2.7%	$45,075	4.7%
21	Instructional Administration	$522,244	1.5%	$586,194	1.7%	-$63,950	-12.2%
23	School Administration	$2,088,765	5.9%	$2,143,788	6.2%	-$55,023	-2.6%
31	Guidance-Counseling Services	$1,204,622	3.4%	$1,069,916	3.1%	$134,706	11.2%
33	Health Services	$215,734	0.6%	$206,351	0.6%	$9,383	4.3%
34	Pupil Transportation	$1,321,799	3.7%	$1,713,691	5.0%	-$391,892	-29.6%
35	Food Service	$58,162	0.2%	$56,006	0.2%	$2,156	3.7%
36	Extracurricular Activities	$1,473,845	4.2%	$1,376,037	4.0%	$97,808	6.6%
41	General Administration	$1,382,877	3.9%	$1,349,553	3.9%	$33,324	2.4%
51	Plant Maintenance & Operation	$4,221,337	12.0%	$4,098,628	11.9%	$122,709	2.9%
52	Security & Monitoring Services	$286,370	0.8%	$171,601	0.5%	$114,769	40.1%
53	Data Processing	$84,664	0.2%	$82,610	0.2%	$2,054	2.4%
61	Community Services	$39,389	0.1%	$41,130	0.1%	-$1,741	-4.4%
71	Debt Service	$225,025	0.6%	$224,775	0.7%	$250	0.1%
93	Shared Services Arrangements	$725,000	2.1%	$630,000	1.8%	$95,000	13.1%
	TOTAL BUDGET FOR FUND 199	$35,296,065	100.0%	$34,438,898	100.0%	$857,167	2.4%
240	***NATL. SCHOOL LUNCH***						
35	Food Service	$2,079,501	100.0%	$2,031,089	100.0%	$48,412	2.3%
	TOTAL BUDGET FOR FUND 240	$2,079,501	100.0%	$2,031,089	100.0%	$48,412	2.3%
511	***DEBT SERVICE***						
71	Debt Services	$2,137,534	100.0%	$2,140,384	100.0%	-$2,850	-0.1%
	TOTAL BUDGET FOR FUND 511	$2,137,534	100.0%	$2,140,384	100.0%	-$2,850	-0.1%
199,240,511	TOTAL EXPENDITURES	$39,513,100		$38,610,371		$902,729	2.3%

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

GENERAL FUND

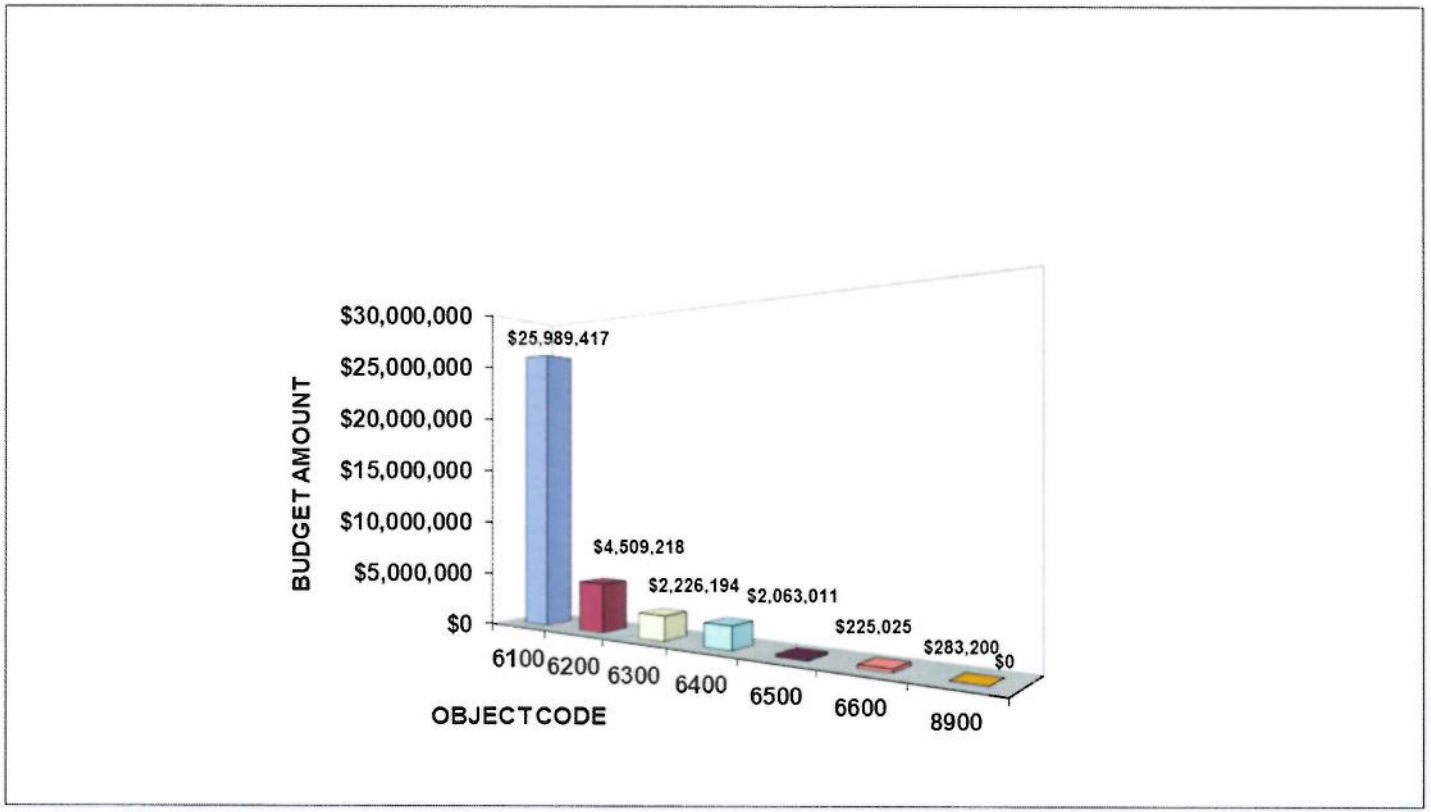
REVENUE

	Object	Revenue Source	2020-21 HB3 1.0547; 3.325 Estimated Revenue	Percent of Total	Percent of Source	2019-20 HB3 1.0684; 3.366 Estimated Revenue	Increase/ Decrease
LOCAL	5711	Taxes - Current Year	$14,060,927	*38.14%*	*95.59%*	$14,064,405	-$3,478
	5712	Prior Year Taxes	$200,000	*0.54%*	*1.36%*	$250,000	-$50,000
	5719	Penalty, Interest & Other	$175,000	*0.47%*	*1.19%*	$175,000	$0
	5742	Investment Earnings	$125,000	*0.34%*	*0.85%*	$185,000	-$60,000
	5752	Athletic Activity & Misc. Local	$148,000	*0.40%*	*1.01%*	$196,126	-$48,126
		Total Local Revenue	**$14,708,927**	***39.89%***	***100.00%***	**$14,870,531**	**-$161,604**
STATE	5811	Available School Fund	$1,321,310	*3.58%*	*6.06%*	$830,042	$491,268
	5812	Foundation School Program	$18,826,047	*51.06%*	*86.35%*	$19,076,930	-$250,883
	5831	TRS On Behalf	$1,654,576	*4.49%*	*7.59%*	$1,647,408	$7,168
		Total State Revenue	**$21,801,933**	***59.13%***	***100.00%***	**$21,554,380**	**$247,553**
FEDERAL	5929	SHARS	$350,000	*0.95%*	*97.49%*	$350,000	$0
		MAC	$9,000	*0.02%*	*2.51%*	$9,000	$0
		Total Federal Revenue	**$359,000**	***0.97%***	***100.00%***	**$359,000**	**$0**
		Total Revenue	**$36,869,860**	***100.00%***		**$36,783,911**	**$85,949**

EXPENDITURES

Object	Expenditures for:	Estimated Expenditures	Percent of Total	Estimated Expenditures	Increase/ Decrease
6100	Payroll & Benefits	$25,989,417	*73.63%*	$25,376,143	$613,274
6200	Contracted Services	$4,509,218	*12.78%*	$4,522,481	-$13,263
6300	Supplies & Materials	$2,226,194	*6.31%*	$1,805,086	$421,108
6400	Other Operating	$2,063,011	*5.84%*	$1,645,352	$417,659
6500	Debt Service - M&O	$225,025	*0.64%*	$224,775	$250
6600	Capital Outlay	$283,200	*0.80%*	$865,061	-$581,861
	Total Expenditures	**$35,296,065**	***100.00%***	**$34,438,898**	**$857,167**
	Surplus/(Deficit)	**$1,573,795**		**$2,345,013**	

General Fund Expenditures by Object Code



EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

SB 622 and HB 1495 Disclosure

FUND	Code Number		2019-20 Actual	2020-21 Budgeted
199	6491	Statutorily Required Public Notices	$1,000.00	$1,000.00
199	6495	Legislative Dues	$1,802.00	$1,802.00

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

SUMMARY BY FUND

FUND	PROGRAM DESCRIPTION	ESTIMATED REVENUES	ESTIMATED EXPENDITURES	SURPLUS/ (DEFICIT)
199	General Fund	36,869,860	35,296,065	1,573,795
205	Head Start	181,173	181,173	0
211	ESEA Title I, Part A	1,067,180	1,067,180	0
212	ESEA Title I, Part C-Migrant	52,728	52,728	0
240	Food Service Fund	2,079,501	2,079,501	0
244	Vocational Ed. - Basic Grant	44,443	44,443	0
255	ESEA Title II, Part A	150,284	150,284	0
263	Title III, Part A	41,777	41,777	0
289	Title IV, Part A; LEP	73,343	73,343	0
313	IDEA - Part B, Formula	1,028,739	1,028,739	0
314	IDEA - Part B, Preschool	29,701	29,701	0
386	Deaf Education	164,692	164,692	0
410	State Instructional Materials	181,390	181,390	0
437	Shared Services - Special Ed.	1,116,595	1,116,595	0
459	O/M Consortium	70,994	70,994	0
461	Campus Activity Funds	101,700	101,700	0
479	Family Crisis Fund	700	700	0
511	Debt Service Fund	896,871	2,137,534	(1,240,663)
		$44,151,671	**$43,818,539**	**$333,132**

CAPITAL OUTLAY and Other Significant Changes

Requested By	Request	Budget	Reason for Request
Transportation	(2) SRO Vehicles	$112,000	Replace high mileage vehicles
Transportation	(1) Bus for Special Ed.	$110,000	Replace high mileage buses
Technology	Technology	$61,200	Annual Budget
Total		$283,200	

Other Significant Changes

1. Property Insurance – 70% Increase
2. Custodial Services Contract - $80K Increase

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

REVENUE PROJECTION - GENERAL FUND

Year	Budgeted Refined ADA	Rate	M&O Tax Rate	Certified Freeze-Adjusted	Local Revenue @ 98%	State Revenue	Total M&O Revenue	Increase/ Decrease vs 19/20
2015-16	3,365.0	SCR + .04	1.04005	1,087,630,382	11,739,040	15,138,978	26,878,018	
2016-17	3,348.3	SCR + .04	1.04005	1,089,002,706	11,901,975	15,504,179	27,406,154	
2017-18	3,448.3	SCR + .17	1.17000	1,159,952,393	14,181,837	16,355,700	30,537,537	
2018-19	3,400.0	SCR + .17	1.17000	1,139,386,143	14,109,030	16,108,830	30,217,859	
2019-20	3,366.6	HB3	1.06840	1,238,349,729	14,064,405	21,554,380	33,971,377	
2020-21	**3,325.0**	**HB3**	**1.05470**	**1,240,815,477**	**14,060,927**	**20,147,357**	**34,208,284**	**236,907**

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

DEBT OBLIGATION

Debt Obligation

	Series 2013	Refunding Series 2014	Refunding Series 2015	Refunding Series 2016	2020-21 Total Obligation
Bond Principal	$485,000	$730,000	$140,000	$25,000	$1,380,000
Interest on Bonds	$204,628	$140,788	$282,300	$126,869	$754,584
	$689,628	$870,788	$422,300	$151,869	$2,134,584
					$2,950 Fee
					$2,137,534
Balance as of 8/15/20	$6,415,000	$4,990,000	$9,165,000	$4,095,000	

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

PROPOSED I&S TAX RATE

Option	Debt Obligation	Less EDA	Less I&S FB	Adjusted Debt	Tax Rate Needed	M&O Surplus	I&S Tax Rate	Total Tax Rate	Decr.
PROPOSED	$2,137,534	$0	-$60,000	$2,077,534	$0.1726	-$0.1009	$0.07170	$1.1264	$0.000

Options	Property Value	M&O Surplus	I&S Collections	Total Obligation
PROPOSED	1,240,815,477	$1,205,662	$871,871	$2,077,534

Proposed Tax Rates

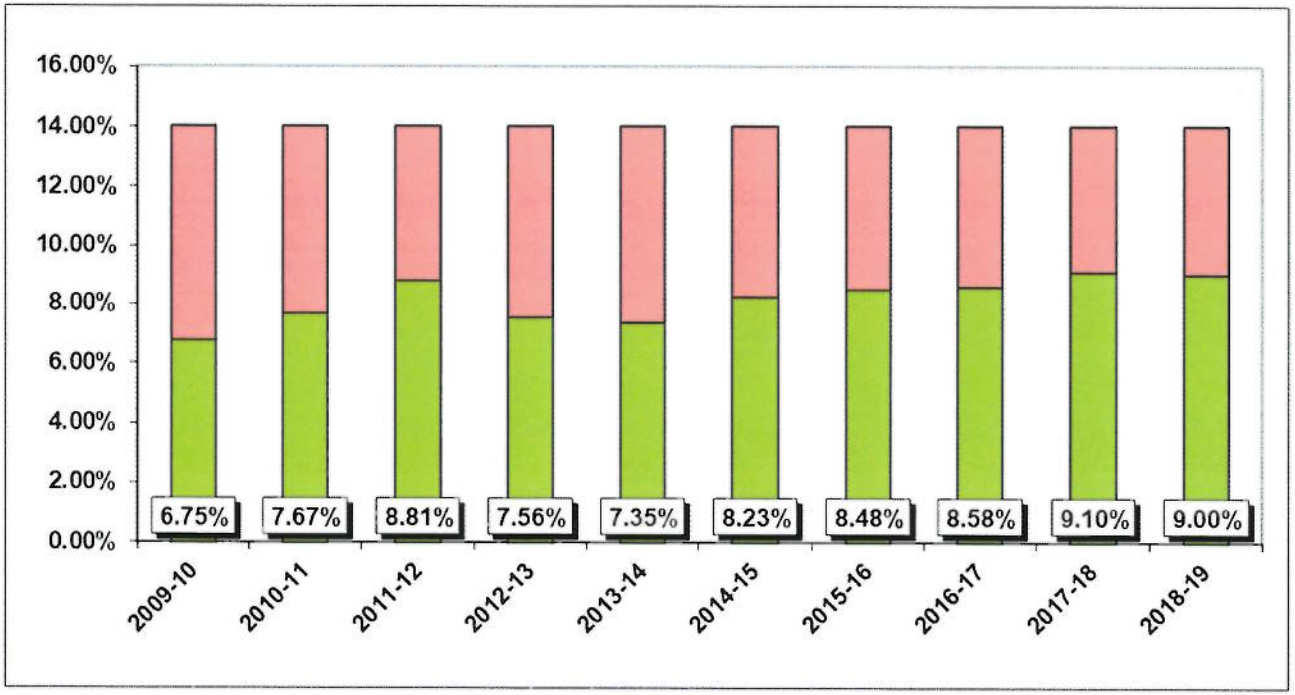
Proposed & Published	$1.0547	M&O
	$0.0717	I&S
	$1.1264	Total

Approved Compensation Plan

1 % Structure Adjustment
2.5% GPI of PG Mid-Point

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
PROPOSED BUDGET

ADMINISTRATIVE COST RATE



ADMINISTRATIVE COST RATIO

The Administrative Cost Ratio is a calculation to see if ECISD's expenditures in Function 21 and 41 exceed the established administrative cost standards.

District ADA Group = 1,000 to 4,999
District Standard = 14.01%

EL CAMPO INDEPENDENT SCHOOL DISTRICT

ADOPTION OF
PROPOSED
2020–2021 BUDGET

The El Campo Independent School District proposes for the **2020-2021 school year** the following budget for the General, Food Service, and Debt Service Fund:

REVENUE BUDGET	**$ 37,819,459**
EXPENDITURE BUDGET	**$ 37,486,327**

Accepted and approved by the El Campo Independent School District on August 25, 2020.

James Russell, Board President	Greg Anderson, Board Secretary
Date	Date

EL CAMPO INDEPENDENT SCHOOL DISTRICT
2020-2021
TAX LEVY ORDINANCE

August 25, 2020

On this date, we, the Board of Trustees of the El Campo Independent School District, hereby levy or set the tax rate on $100 valuation for the District for the tax year 2020 at a total tax rate of $1.1264, to be assessed and collected by the duly specified assessor and collected as follows:

$ 1.0547 for the purpose of maintenance and operation, and

$ 0.0717 for the purpose of payment of principal and interest on debts.

Such taxes are to be assessed and collected by the tax officials designated by the District.

IN CERTIFICATION THEREOF:

_____ _____

James Russell, Board President Date

_____ _____

Greg Anderson, Board Secretary Date

Action Required

Agenda Item: 6.B.3
Meeting Date: August 25, 2020
Submitted by: David Bright, Assistant Superintendent for Finance

Business and Operations	**Approval of Ordinance Setting the Maintenance and Operations Tax Rate and Interest and Sinking Tax Rate for FY2020-2021**
Summary	According to district LEGAL policy, the Board must call a public meeting to discuss and adopt its budget and proposed tax rate. The Board must provide notice of the budget and proposed tax rate meeting. The budget must be adopted before the adoption of the tax rate for the tax year in which the fiscal year covered by the budget begins. The policy further requires that before the later of September 30 or the 60th day after the date the certified appraisal roll is received, the Board shall adopt a tax rate for the current tax year that reflects the two components, maintenance and operations expenditures and debt service rate. The two components must be approved separately. The annual tax rate must be set by ordinance, resolution, or order. The vote on the ordinance, resolution, or order setting the tax rate must be separate from the vote adopting the budget.
ECISD Board Policy	CCG (LEGAL), LOCAL REVENUE SOURCES: AD VALOREM TAXES
Effective Date	September 1, 2020
Previous Board Action	The Board annually approves by ordinance the M&O tax rate and the I&S tax rate.
Future Action Expected	The Board annually approves by ordinance the M&O tax rate and the I&S tax rate.
Background Information and Significant Issues	The proposed rate for Maintenance and Operations is $1.0547. The proposed Interest and Sinking (debt service) rate is $0.0717.

Fiscal Impact	The average taxable value of a residence in the ECISD is $131,260. At the published proposed tax rate of $1.1264 (maintenance tax of $1.0547 plus debt service tax of $0.0717) the total taxes on that residence would be $1,478.51, an increase of $109.03 as compared to the taxes on an average home last year.
Student and Public Benefit	The tax rates proposed will fund a budget that provides taxpayers the most efficient use of their funds and students the best educational experience possible.
Procedural and Reporting Implications	The Ordinance setting the M&O and I&S tax rates will be furnished to the Tax Assessor / Collector for preparation of tax notices.
Public Comments	A Public Hearing was held on the proposed tax rates.
Alternatives	None**.**
Other Comments and Related Issues	None
Attachments	2020-2021 Tax Levy Ordinance
Contact Person(s)	Bob Callaghan, Superintendent of Schools David Bright, Assistant Superintendent of Finance and Operations
Action Required	Motion, second and majority vote to approve the ordinance setting the 2020-2021 maintenance and operations tax rate at $1.0547 **and in a separate motion;** Motion, second and majority vote to approve the ordinance setting the 2020-2021 interest and sinking rate at $0.0717.
Superintendent's Recommendation	I recommend that you approve the ordinance setting the M&O tax rate for FY2020-2021 at $1.0547 and the I&S tax rate at $0.0717, for a total tax rate of $1.1264. **Bob Callaghan, Superintendent of Schools**

Information Only

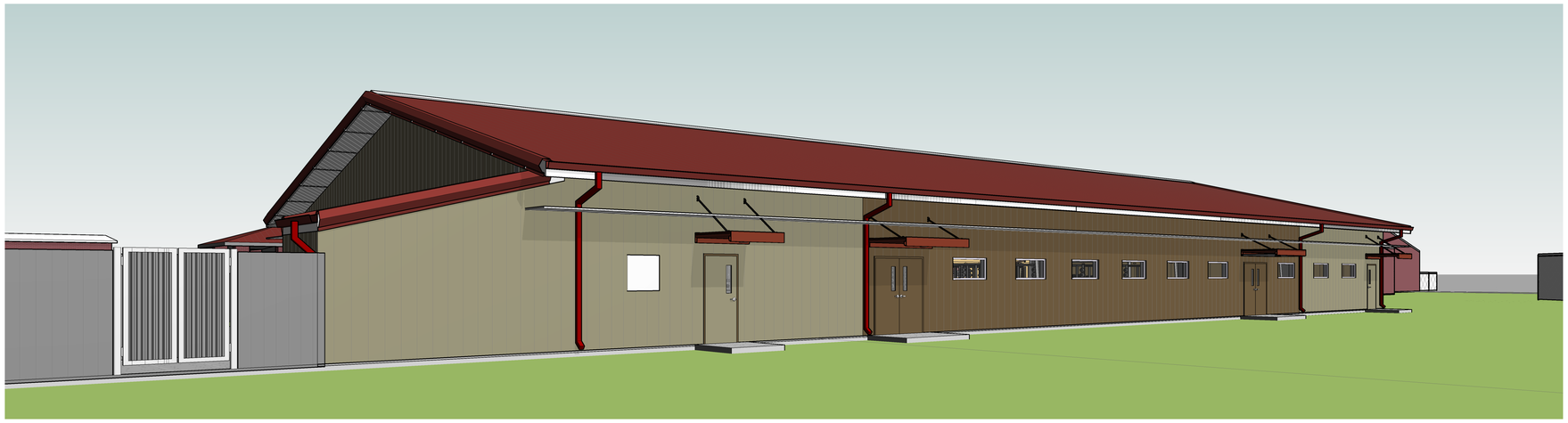
Agenda Item: 6.B.4
Meeting Date: August 25, 2020
Submitted by: David Bright, Assistant Superintendent for Finance

Business and Operations	Review of Proposed Revenue and Expenditures of Special Revenue Budgets
Summary	The Board does not approve, but should annually review the district's special revenue budgets; i.e., funds received from federal grant programs. At the board meeting on July 28th, we presented the amounts we anticipated receiving from each of these federal grant programs: • Fund 205 – Head Start • Fund 211 – ESEA Title I, Part A • Fund 212 – ESEA Title I, Part C – Migrant • Fund 244 - Carl Perkins (Vocational Ed Basic Grant) • Fund 255 – ESEA Title II, Part A • Fund 263 - Title III, Part A • Fund 289 – Title IV, Part A; LEA • Fund 313 - IDEA-B, Formula (General Special Education) • Fund 314 - IDEA-B, Pre-School (Pre-School Special Education) • Fund 386 – Deaf Education
ECISD Board Policy	CE (LOCAL), ANNUAL OPERATING BUDGET
Effective Date	July 1, 2020
Previous Board Action	The Board annually reviews all special revenue budget revenue and expenditures.
Future Action Expected	The Board annually reviews all special revenue budget revenue and expenditures.
Background Information and Significant Issues	The following is a list of the Special Revenue Funds: • Fund 205 – Head Start ……..…$181,173 • Fund 211 – Title I, Part A .....$1,067,180 • Fund 212 – Title I, Part C-Migrant $52,728

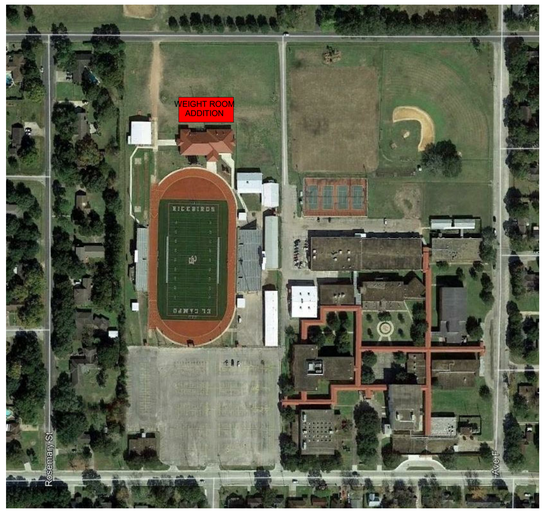
- Fund 244 – Carl Perkins, Vocational.....$44,443
- Fund 255 – Title II, Part A $150,284
- Fund 263 – Title III, Part A $41,777
- Fund 289 – Title IV, Part A; LEA $73,343
- Fund 313 – IDEA – Part B Formula.....$1,028,739
- Fund 314 – IDEA – Part B Preschool.....$29,701
- Fund 386 – Deaf Education.....$164,692
- **TOTAL $2,834,060**

Fiscal Impact	Special Revenue Budget	$2,834,060
Student and Public Benefit	The federal grant program budgets are developed to provide taxpayers the most efficient use of their funds and students the best educational experience possible.	
Procedural and Reporting Implications	Numerous expenditure and compliance reports must be filed throughout the year for each of the grant programs.	
Public Comments	None.	
Alternatives	None.	
Other Comments and Related Issues	None	
Attachments	None. The Special Revenue Budgets are shown on the first page of the Proposed Budget.	
Contact Person(s)	Bob Callaghan, Superintendent of Schools David Bright, Assistant Superintendent of Finance and Operations Alicia Stary, Executive Director of Federal Programs and Compliance	
Action Required	No action required.	
Recommendation	This is an information item only.	

EL CAMPO ISD
WEIGHT ROOM



PROJECT INFORMATION



BOARD OF TRUSTEES

PRESIDENT	JAMES RUSSELL
VICE PRESIDENT	ANTHONY DOROTIK
SECRETARY	GREG ANDERSON
TRUSTEE	DENNIS RAWLINGS
TRUSTEE	SUSAN NOHAVITZA
TRUSTEE	ED ERWIN
TRUSTEE	RICH DUBROC
SUPERINTENDENT	ROBERT CALLAGHAN
ARCHITECT	SINGLETON ZIMMER HALIBURTON ARCHITECTURE JIM SINGLETON, FAIA 1711 CAVITT AVE BRYAN, TEXAS 77801 979-779-5757
MEP ENGINEER	RAMIREZ-SIMON ENGINEERING EDUARDO RAMIREZ, PE TIFFANY GRAEBNER, PE 9805 WHITHORN DR HOUSTON, TEXAS 77095 832-261-1429
STRUCTURAL ENGINEER	DUDLEY DUNHAM ENGINEERING DREW DUDLEY, PE, SE 6102 IMPERIAL LOOP DR COLLEGE STATION, TEXAS 77845 979-690-6555
CIVIL ENGINEER	SCHULTZ ENGINEERING DEVEN DOYEN 911 SOUTHWEST PKWY E COLLEGE STATION, TEXAS 77840 979-764-3900

SHEET LIST - EL CAMPO

SHEET NUMBER	SHEET NAME
COVER SHEET	
A000	COVER SHEET
STRUCTURAL	
S000	GENERAL NOTES
S001	STATEMENT OF SPECIAL INSPECTIONS
S100	FOUNDATION PLAN
S200	MECHANICAL SHED PLANS
S300	ROOF COMPONANTS AND CLADDING PLAN
S400	WIND ZONE ELEVATIONS
S500	FOUNDATION DETAILS
S501	FOUNDATION DETAILS
S600	TYPICAL CFS WALL DETAILS
S601	TYPICAL CFS DETAILS (NON-LOAD BEARING)
S602	TYPICAL CFS DETAILS (NON-LOAD BEARING)
ARCHITECTURAL	
A001	CODE REVIEW - AREA PLAN
A002	TYPICAL DETAILS - MILLWORK / INTERIOR MISC.
A003	TYPICAL DETAILS - OPENINGS
A004	SCHEDULES
A100	DEMO SITE PLAN - ENLARGED
A101	OVERALL SITE PLAN
A102	SITE PLAN - ENLARGED
A103	CANOPY DETAILS
A200	FOUNDATION PLAN
A201	FLOOR PLAN
A202	ALTERNATE ONE
A203	ALTERNATE TWO
A300	FLOOR PLAN - FINISHES
A400	ELEVATIONS - EXTERIOR
A500	SECTIONS - BUILDING
A501	SECTIONS - BUILDING
A600	ELEVATIONS - INTERIOR
A700	DEVICE & DATA PLANS
A800	REFLECTED CEILING PLAN
A900	ROOF PLAN

SHEET LIST - EL CAMPO

SHEET NUMBER	SHEET NAME
MECHANICAL	
M001	MECHANICAL GENERAL INFORMATION
M201	MECHANICAL FLOOR PLAN - WEIGHT ROOM
M501	MECHANICAL DETAILS
M701	MECHANICAL SCHEDULES
M801	MECHANICAL CONTROLS
ELECTRICAL	
E001	ELECTRICAL GENERAL INFORMATION
E100	ELECTRICAL SITE PLAN
E201	ELECTRICAL FLOOR PLAN - WEIGHT ROOM
E301	LIGHTING FLOOR PLAN - WEIGHT ROOM
E501	ELECTRICAL DETAILS
E601	ELECTRICAL ONE LINE DIAGRAM
E602	ELECTRICAL GROUNDING DIAGRAM
E701	ELECTRICAL SCHEDULES
PLUMBING	
P001	PLUMBING GENERAL INFORMATION
P201	PLUMBING FLOOR PLAN - WEIGHT ROOM
P401	PLUMBING ENLARGED PLANS
P501	PLUMBING DETAILS
P502	PLUMBING DETAILS
P601	PLUMBING RISER
P701	PLUMBING SCHEDULES

Sheet Count: 52

SZH ARCHITECTURE
1711 CAVITT AVENUE
BRYAN, TEXAS 77801
OFFICE: (979)779-5757
szh@szharchitecture.com

PRELIMINARY

FOR REVIEW ONLY
NOT FOR CONSTRUCTION

REVISIONS	
NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

COVER SHEET

Project Number:
201924
Sheet issue date:
2020.08.21

A000

DESIGN CRITERIA

1. THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE *INTERNATIONAL BUILDING CODE* WITH LOCAL AMENDMENTS FROM THE AUTHORITY HAVING JURISDICTION.
   A. BUILDING CODE VERSION: 2018 IBC
   B. AUTHORITY HAVING JURISDICTION: CITY OF EL CAMPO
2. DEAD LOADS:
   A. DEAD LOADS ARE BASED UPON THE ACTUAL WEIGHTS OF MATERIALS OF CONSTRUCTION AND FIXED SERVICE EQUIPMENT.
   B. HANGING CEILING AND MECHANICAL LOADS: AN ALLOWANCE OF 5 PSF HAS BEEN MADE FOR HANGING CEILING AND MECHANICAL EQUIPMENTS SUCH AS DUCT WORK AND SPRINKLER PIPES.
3. LIVE LOADS:

A. FIELD HOUSE:		
a. LIVE LOAD:		125 PSF
b. STAIRS AND EXITS:		100 PSF, 300 LB
B. ROOFS		
a. ORDINARY, FLAT, PITCHED AND CURVED UNOCCUPIED ROOFS:		20 PSF, 300 LB
4. SNOW LOAD:		
A. GROUND SNOW LOAD:		5 PSF
5. WIND:		
A. ULTIMATE DESIGN WIND SPEED Vult:		140 MPH (3-SEC PEAK GUST)
B. NOMINAL DESIGN WIND SPEED, Vasd:		110 MPH (3-SEC PEAK GUST)
C. RISK CATEGORY:		III
D. WIND EXPOSURE CATEGORY:		C
E. INTERNAL PRESSURE COEFFICIENT:		± 0.18
F. COMPONENTS AND CLADDING PRESSURES:		SEE SCHEDULE
G. MAIN WIND FORCE RESISTING SYSTEM:		PRE-ENGINEERED METAL BUILDING

1. SEISMIC.
   MAPPED SPECTRAL RESPONSE VALUES. DESIGN SPECTRAL RESPONSE VALUES, AND AS SITE CLASS, HAVE BEEN PROVIDED BY::

A. GEOTECHNICAL COMPANY AND REPORT NO.:	RABA KISTNER REPORT NO. AHA15-011-00
B. MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS, S_s & S_1:	0.061 & 0.031
C. DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS, S_{ds} & S_{D1}:	0.065 & 0.05
D. SITE CLASS:	D
E. RISK CATEGORY:	II
F. SEISMIC DESIGN CATEGORY, SDC:	A

GENERAL CONDITIONS

1. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR QUALITY CONTROL, INCLUDING WORKMANSHIP AND MATERIALS FURNISHED BY SUBCONTRACTORS AND SUPPLIERS.
3. REFER TO DRAWINGS OTHER THAN STRUCTURAL FOR COMPLETE INFORMATION REGARDING: SLEEVES, CURBS, INSERTS, DEPRESSIONS, OPENINGS, ETC.
4. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST REVISIONS/ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS OR MATERIAL PROCUREMENT.
5. THE USE OF REPRODUCTIONS OF THESE CONTRACT DRAWINGS BY ANY CONTRACTOR OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, DUE TO ANY ERRORS THAT MAY OCCUR HEREON.
6. ALL WORK SHALL CONFORM TO OSHA STANDARDS.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL CODES AND REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.
8. THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
9. FRAMING LAYOUTS ARE PROVIDED TO REPRESENT DESIGN CONCEPTS AND SYSTEMS CONSTRUCTION. THE CONTRACTOR AND SUBCONTRACTORS ARE RESPONSIBLE FOR DESIGNING AND PROVIDING ANY AND ALL UNSPECIFIED COMPONENTS REQUIRED FOR CONSTRUCTION.
10. WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, MEMBERS ARE EITHER LOCATED ON COLUMN LINES OR ARE EQUALLY SPACED BETWEEN THE LOCATED MEMBERS.
11. IF CERTAIN FEATURES ARE NOT FULLY SHOWN OR SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN OR SPECIFIED IN SIMILAR CONDITIONS.
12. WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
13. THE FLOOR DESIGN LIVE LOAD FOR EACH ELEVATED FLOOR STRUCTURE OR PORTION THEREOF THAT EXCEEDS 50 POUNDS PER SQUARE FOOT (PSF) SHALL BE STATED ON DURABLE SIGNS AND CONSPICUOUSLY POSTED BY THE OWNER IN THE APPLICABLE AREA(S) OF THE BUILDING.

CONTRACTOR QUALIFICATION

1. WORK SHALL BE PERFORMED BY A QUALIFIED CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR EXPERIENCED IN THIS TYPE OF WORK. SUCH KNOWLEDGE SHALL INCLUDE MAKING ALLOWANCES FOR PERFORMING WORK OF THIS NATURE FOLLOWING INDUSTRY STANDARDS OF CARE.
2. THE CONSTRUCTION CONTRACTOR AND SUBCONTRACTORS SHALL UNDERSTAND THE NATURE OF DRAWING PRODUCTION AND COORDINATION BETWEEN CONSULTANTS AND SHALL NOT ENTER INTO A CONTRACT BASED ON DRAWINGS THAT ARE BELIEVED TO CONTAIN DISCREPANCIES OR ARE OTHERWISE INCOMPLETE UNLESS PROPER ALLOWANCES HAVE BEEN MADE FOR COST IMPLICATIONS THAT MAY ARISE DUE TO FUTURE DRAWING CHANGES MADE IN PREPARATION OF FINAL CONSTRUCTION DOCUMENTS.
3. IN THE COURSE OF PRODUCING AND ISSUING DRAWINGS, VARIOUS STAGES OF COMPLETION ARE DEVELOPED. THE CONSTRUCTION CONTRACTOR AND SUBCONTRACTORS SHALL UNDERSTAND THE PURPOSE AND CONTENT CONTAINED IN PERMIT, PRICING, AND CONSTRUCTION DRAWINGS. COST IMPLICATIONS AND CONTRACTIBILITY ARE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR AND SUBCONTRACTORS UNLESS PROPER ARRANGEMENTS HAVE BEEN MADE WITH THE OWNER.

FUTURE EXPANSION

1. NO PROVISIONS FOR ANY FUTURE EXPANSION HAVE BEEN MADE IN THE STRUCTURAL DESIGN.

BUILDING MOVEMENT AND DEFLECTION CRITERIA

1. THE BUILDING MOVEMENT SPECIFIED HEREIN IS ANTICIPATED TO OCCUR AND SHOULD BE CONSIDERED BY THE CONTRACTOR IN PERFORMANCE OF THE WORK.
   A. LATERAL FRAME WIND DEFLECTION (DRIFT): THE FOLLOWING PROVISION FOR LATERAL FRAME DEFLECTION IN THE PLANE OF THE WALL OF ONE FLOOR RELATIVE TO AN ADJACENT FLOOR SHALL BE MADE IN THE DESIGN, FABRICATION AND INSTALLATION FOR THE BUILDING CLADDING.
      a. TYPICAL FLOOR TO FLOOR DRIFT: H/400
      b. H = FLOOR TO FLOOR HEIGHT
   B. FLOOR DEFLECTIONS: THE FOLLOWING PROVISION FOR SUPERIMPOSED LOAD DEFLECTIONS SHALL BE MADE IN THE DESIGN, FABRICATION, AND INSTALLATION OF ALL PARTITIONS, GLASS WALLS, AND OTHER ELEMENTS SUPPORT BY AND ATTACHED TO THE STRUCTURE:
      a. TYPICAL FLOOR MEMBERS: SPAN / 360 BUT NOT LESS THAN 1/2"
      b. TYPICAL ROOF MEMBERS: SPAN / 360 BUT NOT LESS THAN 1/2"
   C. EXTERIOR WALL DEFLECTIONS: THE FOLLOWING PROVISION FOR SUPERIMPOSED LOAD DEFLECTIONS SHALL BE MADE IN THE DESIGN, FABRICATION, AND INSTALLATION OF ALL PARTITIONS, GLASS WALLS, AND OTHER ELEMENTS SUPPORT BY AND ATTACHED TO THE STRUCTURE:
      a. EXTERIOR WALLS SUPPORTING MASONRY VENEER: SPAN / 600
      b. EXTERIOR WALLS SUPPORTING FLEXIBLE FINISHES (METAL PANEL, FIBER-CEMENT SIDING, ETC.): SPAN / 360

STAIR, HANDRAILS, RESTROOM ACCESSORIES AND GUARDRAIL SPECIFICATIONS:

1. ALL STAIRS, GUARDRAILS AND HANDRAILS SHALL BE DESIGNED BY A REGISTERED STRUCTURAL ENGINEER BASED ON THE FOLLOWING DESIGN CRITERIA:
   A. STAIRS:
      a. STAIR STRINGERS, TREADS AND RISERS SHALL BE DESIGNED TO SUPPORT 100 PSF LIVE LOAD.
      b. INDIVIDUAL STAIR TREADS SHALL BE DESIGNED TO SUPPORT A 300 LB CONCENTRATED LOAD PLACED IN A POSITION THAT WOULD CAUSE THE MAX STRESS.
   B. HANDRAIL AND GUARDS
      a. GUARD TOP RAIL AND HANDRAILS: THE TOP RAIL OF GUARDRAILS AND HANDRAILS SHALL BE DESIGNED TO WITHSTAND A LOAD OF 50 PLF APPLIED HORIZONTALLY AT RIGHT ANGLES, OR A 200 LB CONCENTRATED LOAD IN ANY DIRECTION.
      b. INTERMEDIATE RAILS, PANEL FILLER AND THEIR CONNECTIONS SHALL BE DESIGNED TO WITHSTAND A LOAD OF 50 PSF APPLIED HORIZONTALLY AT RIGHT ANGLES OVER THE ENTIRE TRIBUTARY AREA, INCLUDING OPENINGS AND SPACES BETWEEN RAILS.
   C. RESTROOM ACCESSORIES:
      a. GRAB BARS, TUB AND SHOWER SEATS, FASTENERS, AND MOUNTING DEVICES SHALL BE DESIGNED TO RESIST A CONCENTRATED LOAD OF 250 POUNDS AT ANY LOCATION AND IN ANY DIRECTION.

REQUEST FOR INFORMATION (RFI)

1. RFI'S MUST INCLUDE A TRANSMITTAL SHEET THAT INDICATES THE FOLLOWING:
   A. RFI NUMBER
   B. RFI CATEGORY:
      a. REQUEST FOR SUBSTITUTION
      b. CORRECTIVE REPAIR
      c. ADDITIONAL INFORMATION REQUIRED
      d. DISCREPANCY BETWEEN CONSTRUCTION DOCUMENTS
   C. DATE SUBMITTED
   D. DATE RESPONSE NEED BY
   E. SUBMITTED BY (INCLUDE EMAIL AND PHONE NUMBER)
   F. RFI DESCRIPTION INCLUDING:
      a. SHEET NUMBER, DETAIL AND/OR SPECIFICATION NUMBER IF APPLICABLE
      b. SKETCHES IF APPLICABLE
      c. PHOTOS IF APPLICABLE.

SUBSTITUTIONS:

1. ALL REQUESTS FOR SUBSTITUTIONS OF MATERIALS OR DETAILS SHOWN IN THE CONTRACT DOCUMENTS SHALL BE SUBMITTED FOR APPROVAL DURING THE BIDDING PERIOD. ONCE BIDS ARE ACCEPTED, PROPOSED SUBSTITUTIONS WILL BE CONSIDERED ONLY WHEN THEY ARE OFFICIALLY SUBMITTED WITH AN IDENTIFIED SAVINGS TO BE DEDUCTED FROM THE CONTRACT.

SUBMITTALS

1. SUBMITTAL LIST AND SCHEDULE
   A. THE GENERAL CONTRACTOR SHALL PREPARE A DETAILED LIST AND SCHEDULE OF ALL SUBMITTAL ITEMS TO BE SENT TO THE STRUCTURAL ENGINEER PRIOR TO THE START OF CONSTRUCTION. THIS LIST SHALL BE UPDATED AND REVISED AS THE JOB PROGRESSES.
2. SUBMITTAL REQUIREMENTS:
   A. ALL SUBMITTALS MUST BE REVIEWED AND ELECTRONICALLY STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.
   B. ALL SUBMITTALS MUST INCLUDE A TRANSMITTAL SHEET WHICH INDICATES:
      a. SUBMITTAL NUMBER PER THE FOLLOWING FORMAT: E.G. 03 30-00-01.00 (DIVISION, SUBMITTAL # FOR DIVISION, ISSUE # - THE EXAMPLE INDICATES THE FIRST SUBMITTAL, FIRST ISSUE OF A CONCRETE SUBMITTAL)
      b. BRIEF DESCRIPTION OF SUBMITTAL CONTENTS
      c. DATE ISSUED
      d. REQUESTED RETURN DATE
      e. ISSUING PARTY INCLUDING NAME, PHONE NUMBER AND EMAIL
   C. CONTRACTOR SHALL PROVIDE THE SUBMITTAL IN ELECTRONIC (PDF) FORMAT. SUBMITTALS SHALL NOT BE SCANNED COPIES OF PRINTED DOCUMENTS.
   D. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER SHOWN OR COMMENTED IN THE SHOP DRAWING.
   E. THE CONTRACTOR MUST ALLOW A MINIMUM OF 14 DAYS FOR STRUCTURAL REVIEW OF ALL SUBMITTALS. THE CONTRACTOR CAN REQUEST AN EXPEDITED REVIEW AT AN AGREED UPON FEE WITH THE STRUCTURAL ENGINEER.
3. REFER TO THE SPECIFICATIONS FOR A LIST OF ALL THE REQUIRED SUBMITTALS.
4. ENGINEER REVIEW STAMP DESIGNATIONS: ALL DESIGNATIONS ARE INDICATIVE OF A REVIEW FOR GENERAL CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.
   A. NO EXCEPTIONS
      a. NO ITEMS WERE FOUND TO BE IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS, NO "FOR REVIEW" RESUBMITTAL REQUIRED.
   B. EXCEPTIONS NOTED
      a. ITEMS WERE FOUND IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS AND NEED TO BE REVISED PRIOR TO SUBMITTING "FOR CONSTRUCTION" SUBMITTAL.
   C. REVISE AND RESUBMIT
      a. SIGNIFICANT ITEMS WERE FOUND IN CONFLICT WITH THE CONSTRUCTION DOCUMENTS. THE SUBMITTAL NEEDS TO BE RESUBMITTED "FOR REVIEW".
   D. NOT REVIEWED
      a. THE SUBMITTAL WAS NOT STRUCTURAL.
   E. FOR INFORMATION ONLY
      a. THE SUBMITTAL DID NOT REQUIRE REVIEW BUT HAS BEEN FILED FOR THE RECORD.
   F. IMPACT TO STRUCTURE
      a. THE SUBMITTAL HAS BEEN REVIEWED FOR THE STRUCTURALLY IMPACT TO THE STRUCTURE ONLY.

INSPECTIONS:

1. CONSTRUCTION OR WORK FOR WHICH A PERMIT IS REQUIRED SHALL BE SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL AND SUCH CONSTRUCTION OR WORK SHALL REMAIN ACCESSIBLE AND EXPOSED FOR INSPECTION PURPOSES UNTIL APPROVED. REQUIRED TESTING INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING:
   A. FOUNDATION INSPECTION:
      a. FOOTING AND FOUNDATION INSPECTIONS SHALL BE MADE AFTER EXCAVATIONS FOR FOOTINGS ARE COMPLETE AND ANY REQUIRED REINFORCING STEEL IS IN PLACE. FOR CONCRETE FOUNDATIONS, ANY REQUIRED FORMS SHALL BE IN PLACE PRIOR TO INSPECTION. MATERIALS FOR THE FOUNDATION SHALL BE ON THE JOB, EXCEPT WHERE CONCRETE IS READY MIXED IN ACCORDANCE WITH ASTM C94. THE CONCRETE NEED NOT BE ON THE JOB.
   B. CONCRETE SLAB AND UNDER-FLOOR INSPECTION:
      a. CONCRETE SLAB AND UNDER-FLOOR INSPECTIONS SHALL BE MADE AFTER IN-SLAB OR UNDER-FLOOR REINFORCING STEEL AND BUILDING SERVICE EQUIPMENT, CONDUIT, PIPING ACCESSORIES AND OTHER ANCILLARY EQUIPMENT ITEMS ARE IN PLACE, BUT BEFORE ANY CONCRETE IS PLACED OR FLOOR SHEATHING INSTALLED, INCLUDING THE SUBFLOOR.
   C. FRAME INSPECTION:
      a. FRAMING INSPECTIONS SHALL BE MADE AFTER THE ROOF DECK OR SHEATHING, ALL FRAMING, FIREBLOCKING AND BRACING ARE IN PLACE AND PIPES, CHIMNEYS AND VENTS TO BE CONCEALED ARE COMPLETE AND THE ROUGH ELECTRICAL, PLUMBING, HEATING WIRES, PIPES AND DUCTS ARE APPROVED.
2. SPECIAL INSPECTIONS - REFER TO THE STATEMENT OF SPECIAL INSPECTION FOR REQUIRED STRUCTURAL SPECIAL INSPECTIONS
3. ADDITIONAL INSPECTIONS REQUIRED BY STRUCTURAL ENGINEER: REFERENCE SPECIFICATIONS

DEFERRED SUBMITTALS:

1. DEFERRED SUBMITTALS ARE THOSE PORTIONS OF THE DESIGN THAT ARE NOT SUBMITTED AT THE TIME OF THE APPLICATION BUT ARE TO BE SUBMITTED TO THE BUILDING OFFICIAL AT A LATER DATE. DEFERRED SUBMITTALS SHALL BE SUBMITTED TO AND APPROVED BY THE BUILDING OFFICIAL PRIOR TO INSTALLATION OF ANY SAID WORK.
2. COMPLETE STRUCTURAL SHOP DRAWINGS FOR CONSTRUCTION OF EACH BUILDING COMPONENT NOT DESIGNED BY THE DESIGN TEAM OF-RECORD AND NOT SPECIFIED ON THE PROJECT CONSTRUCTION DOCUMENTS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA AND GET APPROVAL FROM ENGINEER OF RECORD PRIOR TO THE SUBMITTAL AND SHALL BE AVAILABLE AT THE JOB SITE DURING THE TIMES OF INSPECTION.
3. DEFERRED SUBMITTALS ON THIS PROJECT INCLUDE:
   A. STAIRS, GUARDRAIL, HANDRAILS, GRAB BARS, ETC.
   B. CURTAINWALL, STOREFRONT, WINDOWS
   C. PRE-FABRICATED AWNING, CANOPIES, LOUVERS, ETC.
   D. METAL BUILDING SYSTEM
   E. EXTERIOR NON-LOAD BEARING COLD-FORMED STEEL FRAMING

FOUNDATION DESIGN CRITERIA

1. GEOTECHNICAL REPORT: THIS FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS PROVIDED IN SITE-SPECIFIC GEOTECHNICAL REPORT. IN DESIGNING THE FOUNDATION FOR THE PROPOSED STRUCTURE, THE FOUNDATION DESIGN ENGINEER DOES NOT ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE GEOTECHNICAL ENGINEER'S REPORT OR ANY INFORMATION CONTAINED THEREIN. INFORMATION CONTAINED IN THE GEOTECHNICAL REPORT(S) REFLECTS CONDITIONS AS FOUND AT THE LOCATION OF THE BORINGS. ACTUAL CONDITIONS AT LOCATIONS BETWEEN AND SURROUNDING THE BORINGS MAY DIFFER FROM THE SOIL STRATIGRAPHY DEPICTED BY THE BORINGS. IF THERE ARE ANY CONDITIONS DIFFERING FROM THOSE DESCRIBED IN THE GEOTECHNICAL REPORT, OR IF ANY CHANGES HAVE BEEN IMPOSED ON THE SOILS IN QUESTION SINCE THE REPORT WAS WRITTEN, THEN THE DESIGN ENGINEER OF RECORD SHOULD BE NOTIFIED IN WRITING PRIOR TO CONSTRUCTION OF THE FOUNDATION IN ORDER TO REVIEW THE EFFECTS ON THE PERFORMANCE OF THE DESIGNED FOUNDATION.

A. GEOTECHNICAL ENGINEER:	**RABA KISTNER**	
B. REPORT NUMBER:	**AHA17-053-00 (REVISED)**	
C. REPORT DATE:	**JULY 12, 2018**	
D. THE GEOTECHNICAL REPORT PRESENTED DESIGN PARAMETERS FOR A CONVENTIONALLY REINFORCED STIFFENED SLAB-ON-GRADE FOUNDATION IN ACCORDANCE WITH THE BUILDING RESEARCH ADVISORY BOARD REPORT #33 "CRITERIA FOR SELECTION AND DESIGN OF RESIDENTIAL SLABS-ON-GROUND" AND THE WIRE REINFORCEMENT INSTITUTE PUBLICATION TF 700-R-03 "DESIGN OF SLAB-ON-GROUND FOUNDATIONS". THE PARAMETERS PROVIDED INCLUDE:		
a. DESIGN EFFECTIVE PLASTICITY INDEX:		***24 (WITH SOIL IMPROVEMENT)***
b. CLIMATIC RATING:		**25**
c. DESIGN SOIL/CLIMATIC RATING FACTOR (1-C)		**0.83**
d. ALLOWABLE BEARING CAPACITY:		***2,200 PSF (GRADE BEAMS) | 3,600 PSF (BELLED PIERS)***
e. MINIMUM GRADE BEAM BEARING DEPTH BELOW FINAL GRADE:		**18"**
f. SOIL IMPROVEMENT:		**CUT MINIMUM 5' OF IN-SITU SOIL AND REPLACE WITH SELECT FILL**
g. POTENTIAL VERTICAL RISE:		***1" (AFTER SOIL IMPROVEMENT)***
E. THE FOUNDATION DESIGN PARAMETERS PROVIDED WILL NOT ELIMINATE POST-CONSTRUCTION FOUNDATION MOVEMENT, AS SUCH, MEASURES SHALL BE TAKEN TO INCREASE THE TOLERANCE OF THE STRUCTURE SUPPORTED BY THE FOUNDATION. MEASURES INCLUDE BUT ARE NOT LIMITED TO FREQUENT CONTROL JOINTS FOR MASONRY/BRICK/STONE/STUCCO EXTERIOR VENEER (15'-0 MAXIMUM), VERTICALLY SLOTTED CLIPS TO ATTACH ROOF TRUSSES TO NON-LOAD BEARING WALLS, ETC.		

2. **ABNORMAL CONDITIONS:** IF THE FOUNDATION IS INSTALLED DURING A DRY OR WET PERIOD, WHICH IS CONSIDERED EXTREME OR ABNORMAL, THEN BUILDER SHALL NOTIFY THE GEOTECHNICAL ENGINEER AND FOUNDATION ENGINEER PRIOR TO CONSTRUCTION FOR POSSIBLE SOIL CONDITIONING OR FOUNDATION RE-DESIGN.
3. **FOUNDATION MOVEMENT:** THE FOUNDATION HAS BEEN DESIGNED FOR CONVENTIONAL WOOD- FRAME CONSTRUCTION WITH THE ASSUMPTION THAT MOVEMENT CAN BE TOLERATED WITHIN A STANDARD PERFORMANCE LIMIT:

A. STANDARD PERFORMANCE DEFLECTION LIMIT:	***L/360 (METAL SIDING)***	
B. STANDARD PERFORMANCE TILT LIMIT:	**1%**	

4. **SOIL MOISTURE LEVEL:** A REASONABLY UNIFORM SOIL MOISTURE LEVEL IS MAINTAINED AROUND THE FOUNDATION FOR THE LIFE OF THE STRUCTURE.
5. **FOUNDATION MAINTENANCE:** POSITIVE DRAINAGE AWAY FROM THE STRUCTURE SHALL BE MAINTAINED FOR THE LIFE OF THE STRUCTURE AND THE CONTRACTOR SHALL CONVEY THIS REQUIREMENT TO THE OWNER. THE INITIAL AND ALL SUBSEQUENT OWNERS MAINTAIN THE FOUNDATION IN ACCORDANCE WITH THE LATEST REVISION OF TOCDOCUMENT NO. FPA-SC-07, "FOUNDATION MAINTENANCE AND REPAIR GUIDE FOR RESIDENTIAL AND OTHER LIGHT-FRAME BUILDINGS", AVAILABLE ON THE FOUNDATION PERFORMANCE ASSOCIATIONS WEBSITE: WWW.FOUNDATIONPERFORMANCE.ORG. CONTRACTOR SHALL PROVIDE THIS DOCUMENT TO OWNER.
6. **EXPIRATION:** PLANS ARE VALID FOR ONE YEAR FROM THE DATE THE PLANS ARE ISSUED OR REVISED BY THE ENGINEER. CONTACT ENGINEER FOR REVIEW IF PLANS HAVE EXPIRED OR IF CONSTRUCTION OF THE FOUNDATION HAS NOT COMMENCED WITHIN THIS TIME FRAME.

REINFORCING STEEL - 03 20 00

1. DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES SHALL CONFORM TO THE RECOMMENDATIONS OF THE ACI DETAILING MANUAL ACI 315 AND SP-66 (ACI DETAILING MANUAL).
2. CONCRETE REINFORCEMENT BARS SHALL CONFORM TO ASTM A615, GRADE 60, WITH SUPPLEMENTARY REQUIREMENTS.
3. COMPLETE REINFORCEMENT PLACEMENT DRAWINGS PREPARED IN ACCORDANCE WITH ACI 315 SHALL BE REVIEWED BY THE ENGINEER AND AVAILABLE ON THE JOB SITE PRIOR TO A DURING THE PLACING OF CONCRETE.
4. ALL REINFORCING STEEL SHALL BE SUPPORTED BY ENGINEERED DEPTH USING PLASTIC OR METALLIC CHAIRS SPACED AT 48" OC IN ALL DIRECTIONS TO SUPPORT FULL LENGTH OF REINFORCEMENT. IF ALTERNATE IS TO BE USED, PROPOSED CHAIR IS TO BE SUBMITTED IN WRITING AND APPROVED BY E.O.R.
5. END HOOKS, DEVELOPMENT LENGTHS, AND SPLICES SHALL CONFORM TO THE REQUIREMENTS OF ACI 318.
6. REINFORCEMENT MAY BE PLACED IN BUNDLES OF NOT MORE THAN TWO W/ THE CLEAR DISTANCE BETWEEN BUNDLES OF REINFORCEMENT OR TENDONS OF 3 INCHES MINIMUM. CONCRETE COVER NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH ACI 318.
7. **COVERAGE:** THE FOLLOWING SHALL BE THE MINIMUM REINFORCEMENT CONCRETE COVERAGE (INCLUDING TENDONS):
   A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.....3"
   B. CONCRETE EXPOSED TO EARTH OR WEATHER:
      a. NO. 6 AND LARGER.....2"
      b. NO. 5 BAR AND SMALLER.....1½"
   C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND.....¾"

REINFORCED CONCRETE - 03 30 00

1. MIX DESIGN:
   A. ALL CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED REGISTERED ENGINEER. MIX DESIGN DATA RESULTS EITHER COMPLYING WITH THE FIELD EXPERIENCE OR TRIAL MIXTURE METHOD PER ACI 318 SHALL BE SUBMITTED FOR EACH CONCRETE MIX. PROPORTIONS OF MATERIALS FOR CONCRETE SHALL BE ESTABLISHED TO:
      a. PROVIDE WORKABILITY AND CONSISTENCY TO PERMIT CONCRETE TO BE WORKED READILY INTO FORMS AND AROUND REINFORCEMENT UNDER CONDITIONS OF PLACEMENT TO BE EMPLOYED, WITHOUT SEGREGATION OR EXCESSIVE BLEEDING.
      b. MEET REQUIREMENTS FOR APPLICABLE EXPOSURE REQUIREMENTS.
      c. MEET OR EXCEED REQUIRED F'C.
2. CONCRETE MATERIALS:
   A. HYDRAULIC CEMENT:
      a. USE ASTM C150 TYPE 1 OR TYPE III.
   B. FLY ASH:
      a. FLY ASH MAY BE USED TO REPLACE A PORTION OF THE PORTLAND CEMENT, SUBJECT TO THE APPROVAL OF THE ARCHITECT AND STRUCTURAL ENGINEER NOT TO EXCEED THE AMOUNTS LISTED IN THE CONCRETE TABLE.
      b. USE ASTM C618 CLASS C OR F.
   C. NORMAL WEIGHT AGGREGATE:
      a. USE ASTM C33.
      b. MATERIAL CERTIFICATES FROM THE AGGREGATE SUPPLIER MUST BE SUBMITTED WITH THE CONCRETE MIX DESIGN.
   D. WATER
      a. COMPLY WITH THE REQUIREMENTS OF ASTM C1602.
3. PLACEMENT:
   A. CONCRETE WORK SHALL CONFORM TO THE LATEST ED. OF ACI 301 (SPECIFICATIONS FOR STRUCTURAL CONCRETE).
   B. CONCRETE SHALL BE PLACED CAREFULLY SO AS NOT TO DEVIATE TENDONS AND REINFORCEMENT FROM THE DESIGN LOCATION.
   C. CONCRETE SHALL BE PROPERLY VIBRATED, ESPECIALLY AROUND POST-TENSIONED ANCHORAGES AND CONCRETE AREAS SUCH AS COLUMN JOINTS.
   D. TOLERANCES FOR CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST ED. OF ACI 117 (SPECIFICATION FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS).

ELEMENT	f'c	EXPOSURE CATEGORY	MAX CL-	MAX FLAY ASH	MAX W/CM RATIO	COURSE AGG. SIZE	AIR CONTENT
SLAB-ON-GRADE / GRADE BEAMS	4,000	F1,S0,P0,C1	0.30	40%	0.50	1-1/2"	N/R
PIERS	3,000	F0,S0,P0,C1	0.30	20%	0.45	1"	N/R

METAL BUILDING DESIGN CRITERIA

1. THE METAL BUILDING SHALL BE A DEFERRED SUBMITTAL ITEM. THE CONTRACTOR SHALL ISSUE A METAL BUILDING SYSTEM SUBMITAL THAT IS SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER THAT IS REGISTERED IN THE STATE OF THE PROJECT. THE SUBMITTAL MUST INCLUDE REACTIONS. NOTE THAT THE FOUNDATION DESIGN MAY REQUIRE ADJUSTMENT DEPENDING UPON THE REACTIONS PROVIDED.
2. SYSTEM PERFORMANCE REQUIREMENTS
   A. GENERAL: ENGINEER, DESIGN, FABRICATE AND ERECT THE PRE-ENGINEERED METAL BUILDING SYSTEM TO WITHSTAND LOADS FROM WINDS, GRAVITY, STRUCTURAL MOVEMENT INCLUDING MOVEMENT THERMALLY INDUCED, AND TO RESIST IN-SERVICE USE CONDITIONS THAT THE BUILDING WILL EXPERIENCE, INCLUDING EXPOSURE TO THE WEATHER, WITHOUT FAILURE.
      a. DESIGN EACH MEMBER TO WITHSTAND STRESSES RESULTING FROM COMBINATIONS OF LOADS THAT PRODUCE THE MAXIMUM ALLOWABLE STRESSES IN THAT MEMBER AS PRESCRIBED IN MBMA'S "DESIGN PRACTICES MANUAL."
   B. DESIGN LOADS: BASIC DESIGN LOADS, AS WELL AS AUXILIARY AND COLLATERAL LOADS, ARE INDICATED IN THE DESIGN CRITERIA.
      a. BASIC DESIGN LOADS INCLUDE LIVE LOAD, WIND LOAD, AND SEISMIC LOAD, IN ADDITION TO THE DEAD LOAD.
      b. AUXILIARY LOADS INCLUDE DYNAMIC LIVE LOADS SUCH AS THOSE GENERATED BY CRANES AND MATERIAL HANDLING EQUIPMENT.
      c. COLLATERAL LOADS INCLUDE ADDITIONAL DEAD LOADS OVER AND ABOVE THE WEIGHT OF THE METAL BUILDING SYSTEM SUCH AS SPRINKLER SYSTEMS AND ROOF-MOUNTED MECHANICAL SYSTEMS.
   C. STRUCTURAL FRAMING AND ROOF AND SIDING PANELS: DESIGN PRIMARY AND SECONDARY STRUCTURAL MEMBERS AND EXTERIOR COVERING MATERIALS FOR APPLICABLE LOADS AND COMBINATIONS OF LOADS IN ACCORDANCE WITH THE METAL BUILDING MANUFACTURERS ASSOCIATION'S (MBMA) "DESIGN PRACTICES MANUAL."
      a. STRUCTURAL STEEL: COMPLY WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION'S (AISC) "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" FOR DESIGN REQUIREMENTS AND ALLOWABLE STRESSES.
      b. LIGHT GAGE STEEL: COMPLY WITH THE AMERICAN IRON AND STEEL INSTITUTE'S (AISI) "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" AND "DESIGN OF LIGHT GAGE STEEL DIAPHRAGMS" FOR DESIGN REQUIREMENTS AND ALLOWABLE STRESSES.
      c. WELDED CONNECTIONS: COMPLY WITH THE AMERICAN WELDING SOCIETY'S (AWS) "STANDARD CODE FOR ARC

STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS & TESTING

1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS, UNLESS WAIVED BY THE BUILDING OFFICIAL (SEE IBC CHAPTER 17).
2. THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL. DUDLEY DUNHAM ENGINEERING CAN BE SOLICITED TO PROVIDE SPECIAL INSPECTIONS. WE RECOMMEND THAT THE PROJECT GEOTECHNICAL ENGINEER BE SOLICITED TO PROVIDE SPECIAL INSPECTIONS FOR THE SOILS AND TESTING FOR THE SOIL AND CONCRETE.
3. DUTIES OF THE SPECIAL INSPECTOR:
   A. THE SPECIAL INSPECTOR SHALL REVIEW ALL WORK LISTED BELOW FOR CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AND THE IBC.
   B. THE SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE EOR, CONTRACTOR, OWNER AND BUILDING OFFICIAL ON A WEEKLY BASIS, OR MORE FREQUENTLY AS REQUIRED BY THE BUILDING OFFICIAL. ALL ITEMS NOT IN COMPLIANCE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND IF UNCORRECTED, TO THE EOR AND THE BUILDING OFFICIAL.
   C. ONCE CORRECTIONS HAVE BEEN MADE BY THE CONTRACTOR, THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL STATING THAT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS AS WELL AS THE APPLICABLE WORKMANSHIP PROVISIONS OF THE IBC.
4. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR:
   A. THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF WORK. IN ACCORDANCE WITH IBC 1704.4, THE STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED WITHIN THIS 'STATEMENT OF SPECIAL INSPECTIONS'.
   B. THE CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR THAT WORK IS READY FOR INSPECTION AT LEAST ONE WORKING DAY (24 HOURS MINIMUM) BEFORE SUCH INSPECTION IS REQUIRED.
   C. ALL WORK REQUIRING SPECIAL INSPECTION SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR.
5. PLEASE SEE THE 'SPECIAL INSPECTION SCHEDULE' FOR THE TYPES, EXTENTS AND FREQUENCY OF SPECIFIC ITEMS REQUIRING SPECIAL INSPECTIONS AND STRUCTURAL TESTS AS PART OF THIS PROJECT.
6. REFER TO ARCHITECTURAL AND/OR MEP DRAWINGS FOR ADDITIONAL SPECIAL INSPECTION REQUIRED. DUDLEY DUNHAM ENGINEERING HAS LISTED THE STRUCTURAL SPECIAL INSPECTIONS AND TESTING.

WIND-RESISTING COMPONENTS (1705.11.3)

PERIODIC SPECIAL INSPECTION IS REQUIRED FOR FASTENING OF THE FOLLOWING SYSTEMS AND COMPONENTS:
1. ROOF COVERING, ROOF DECK AND ROOF FRAMING CONNECTIONS.
2. EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING

REQUIRED VERIFICATION AND INSPECTION OF SOILS (TABLE 1705.6)

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X	YES
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIALS	-	X	YES
PERFORM CLASSIFICATION AND TESTING OF COMPACTED MATERIALS	-	X	YES
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X	-	YES
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THE SITE HAS BEEN PREPARED PROPERLY	-	X	YES

REQUIRED VERIFICATION AND INSPECTION OF GRADING AND DRAINAGE FOR FOUNDATIONS ON EXPANSIVE SOILS

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
AFTER BUILDING CONSTRUCTION AND LANDSCAPING HAVE BEEN COMPLETED, FINAL GRADES SHALL BE VERIFIED TO DOCUMENT REQUIRED DRAINAGE	-	X	YES
AFTER BUILDING CONSTRUCTION AND LANDSCAPING HAVE BEEN COMPLETED, DOWNSPOUTS SHALL BE INSPECTED TO CONFIRM CONFORMANCE.	-	X	YES
GRADES AROUND THE STRUCTURE SHALL BE PERIODICALLY INSPECTED AND ADJUSTED AS PART OF THE BUILDING'S MAINTENANCE PROGRAM	-	X	YES
WHERE PAVING/FLATWORK ABUT THE FOUNDATION, A MAINTENANCE PROGRAM SHALL BE ESTABLISHED TO EFFECTIVELY SEAL AND MAINTAIN JOINTS AND PREVENT SURFACE WATER INFILTRATION.	-	X	YES

REQUIRED VERIFICATION AND INSPECTION OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS (TABLE 1705.8)

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
OBSERVE DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	X	-	YES
VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END-BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	X	-	YES
FOR CONCRETE ELEMENTS, PERFORM ADDITIONAL INSPEC TIONS IN ACCORDANCE WITH CONCRETE SPECIAL INSPECTIONS.	-	-	YES

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION (TABLE 1705.3)

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS AND PLACEMENT.	-	X	YES
INSPECTION OF ANCHORS CAST IN CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN USED OR STRENGTH DESIGN IS USED.	-	X	YES
INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.	-	X	YES
VERIFYING USE OF REQUIRED MIX DESIGN		X	YES
AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	-	YES
INSPECTION, OF CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	-	YES
INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURES AND TECHNIQUES	-	X	YES
INSPECTION OF PRESTRESSED CONCRETE APPLICATION OF PRESTRESSING FORCES	X	-	NO
ERECTION OF PRECAST CONCRETE MEMBERS	-	X	NO
VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	YES
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X	YES

REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL (TABLE 1705.2.2)

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
1. MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:			
A. IDENTIFICATION MARKING TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	-	X	NO
B. MANUFACTURER'S CERTIFIED TEST REPORTS	-	X	NO
2. INSPECTION OF WELDING			
A. COLD-FORMED STEEL DECK - FLOOR AND ROOF DECK WELDS	-	X	NO
A. REINFORCING STEEL			
1. VERIFICATION OF EDIBILITY OF REINFORCING STEEL OTHER THAN ASTM A 706	-	X	NO
2. SHEAR REINFORCEMENT	X	-	NO
3. OTHER REINFORCEMENT	-	X	NO

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL CONSTRUCTION (§1705.2.1)

STRUCTURAL STEEL - GENERAL

THE SPECIAL INSPECTOR SHALL INSPECT THE FABRICATED OR ERECTED STEEL FRAME, AS APPROPRIATE, TO VERIFY COMPLIANCE WITH THE DETAIL SHOWN ON THE CONSTRUCTION DOCUMENTS, SUCH AS BRACES, STIFFENERS, MEMBER LOCATIONS AND PROPER APPLICATION OF JOINT DETAILS AT EACH CONNECTION.

STRUCTURAL STEEL - ANCHOR RODS / EMBED PLATES

THE SPECIAL INSPECTOR SHALL BE ON THE PREMISES FOR INSPECTION DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENT SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS. AS A MINIMUM, THE DIAMETER, GRADE, TYPE AND LENGTH OF THE ANCHOR RODS OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT INTO THE CONCRETE, SHALL BE VERIFIED PRIOR TO PLACEMENT OF CONCRETE.

STRUCTURAL STEEL - WELDS

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
INSPECTION TASKS PRIOR TO WELDING (AISC 360 TABLE N5.4-1)			
WELDING PROCEDURE SPECIFICATION(WPS'S) AVAILABLE	X	-	YES
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	-	YES
MATERIAL IDENTIFICATION (TYPE / GRADE)	-	X	YES
WELDER IDENTIFICATION SYSTEM	-	X	YES
FIT-UP GROOVE WELDS	-	X	NO
CONFIGURATION AND FINISH OF ACCESS HOLES	-	X	NO
FIT-UP FILLET WELDS	-	X	YES
CHECK WELDING EQUIPMENT	-	X	YES
INSPECTION TASKS DURING WELDING (AISC 360 TABLE N5.4-2)			
USE OF QUALIFIED WELDERS	-	X	YES
CONTROL AND HANDLING OF WELDING CONSUMABLES	-	X	YES
NO WELDING OVER CRACKED TACK WELDS	-	X	YES
ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE	-	X	YES
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE / FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN/ MAX) • PROPER POSITION (F, V, H, OH)	-	X	YES
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEET QUALITY REQUIREMENTS	-	X	YES
WELDS CLEANED	-	X	YES
SIZE, LENGTH AND LOCATION OF WELDS	X	-	YES
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD / BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	X	-	YES
ARC STRIKES	X	-	YES
k-AREA	X	-	YES
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	X	-	YES
REPAIR ACTIVITIES	X	-	YES
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT MEMBER	X	-	YES
	X	-	YES
NON-DESTRUCTIVE TESTING OF WELDED JOINTS			
FILLET WELDS:			
MT TEST A MINIMUM OF 10% OF THE LENGTH OF EACH FILLET WELD EXCEEDING 5/16".	-	X	YES
PERIODIC MT TESTING OF REPRESENTATIVE FILLET WELDS 5/16" AND LESS BUT NEED NOT EXCEED 10% OF ALL SUCH WELDS. EXCEPT AS REQUIRED FOR HIGH REJECTION RATES AS INDICATED IN THE FOLLOWING PARAGRAPH.	-	X	YES
INCREASE MT TESTING RATE FOR WELDERS HAVING A HIGH REJECTION RATE AS REQUIRED TO ENSURE ACCEPTABLE WELDS.	X	-	YES
PARTIAL JOINT PENETRATION (PJP) WELDS INCLUDING FLARE BEVEL WELDS			
MT TEST A MINIMUM OF 25% OF THE LENGTH OF EACH PJP WELD EXCEEDING 5/16" EFFECTIVE THROAT.	-	X	YES
PERIODIC MT TESTING OF REPRESENTATIVE PJP WELDS 5/16" AND LESS BUT NEED NOT EXCEED 10% OF ALL SUCH WELDS. EXCEPT AS REQUIRED FOR HIGH REJECTION RATES AS INDICATED IN THE FOLLOWING PARAGRAPH.	-	X	YES
INCREASE MT TESTING RATE FOR WELDERS HAVING A HIGH REJECTION RATE AS REQUIRED TO ENSURE ACCEPTABLE WELDS	X	-	YES
COMPLETE JOINT PENETRATION (CJP) WELDS			
ALL CJP WELDS EXCEEDING 5/16" THICKNESS SHALL BE 100% UT TESTED PER AWS D1.1 CLAUSE 6 PART F. THE TESTING LABORATORY SHALL REVIEW THE CJP JOINTS TO DETERMINE WHERE GEOMETRY OR ACCESSIBILITY PRECLUDES THE USE OF STANDARD SCANNING PATTERNS PER AWS D1.1 CLAUSE 6 PART F. AT THESE LOCATIONS THE TESTING LABORATORY SHALL DEVELOP AND SUBMIT FOR APPROVAL A WRITTEN TESTING PROCEDURE IN ACCORDANCE WITH AWS D1.1 ANNEX S.	X	-	YES
PERIODIC MT TESTING OF REPRESENTATIVE CJP WELDS 5/16" AND LESS NOT TO EXCEED 10% OF ALL SUCH WELDS.	-	X	YES
INCREASE MT TESTING RATE FOR WELDERS HAVING A HIGH REJECTION RATE AS REQUIRED TO ENSURE ACCEPTABLE WELDS.	X	-	YES

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (SNUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	-	X	YES

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (PRETENSIONED) - INSPECTION TASKS PRIOR TO BOLTING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
MFR. CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	-	X	YES
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	-	X	YES
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	-	X	YES
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	-	X	YES
CONNECTING ELEMENTS, INCLUDE THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION , IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	-	X	YES
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENERS ASSEMBLIES AND METHODS USED	X	-	YES
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	-	X	YES

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (PRETENSIONED) - INSPECTION TASKS DURING BOLTING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	-	X	YES
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	-	X	YES
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	-	X	YES
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARDS THE FREE EDGES	-	X	YES

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (TURN-OF-NUT)

TURN-OF-NUT PRETENSIONING: THE INSPECTOR SHALL OBSERVE THE PRE-INSTALLATION VERIFICATION TESTING REQUIRED IN SECTION 8.2. SUBSEQUENTLY, IT SHALL BE ENSURED BY ROUTINE OBSERVATION THAT THE BOLTING CREW PROPERLY ROTATES THE TURNED ELEMENT RELATIVE TO THE UNTURNED ELEMENT BY THE AMOUNT SPECIFIED IN TABLE 8.2. ALTERNATIVELY, WHEN FASTENER ASSEMBLIES ARE MATCH-MARKED AFTER THE INITIAL FIT-UP OF THE JOINT BUT PRIOR TO PRETENSIONING, VISUAL INSPECTION AFTER PRETENSIONING IS PERMITTED IN LIEU OF ROUTINE OBSERVATION. NO FURTHER EVIDENCE OF CONFORMITY IS REQUIRED. A PRETENSION THAT IS GREATER THAN THE VALUE SPECIFIED IN TABLE 8.1 SHALL NOT BE CAUSE FOR REJECTION. A ROTATION THAT EXCEEDS THE REQUIRED VALUES, INCLUDING TOLERANCE, SPECIFIED IN TABLE 8.2 SHALL NOT BE CAUSE FOR REJECTION.

TABLE 8.2: NUT ROTATION FROM SNUG-TIGHT CONDITION FOR TURN-OF-NUT PRETENSIONING

BOLT LENGTH	DISPOSITION OF OUTER FACES OF BOLTED PARTS		
	BOTH FACE NORMAL TO BOLT AXIS	ONE FACE NORMAL TO BOLT AXIS, OTHER SLOPED NOT MORE THAN 1:20	BOTH FACES SLOPED NOT MORE THAN 1:20 FROM NORMAL TO BOLT AXIS
LENGTH ≤ 4d$_b$	1/3 TURN	1/2 TURN	2/3 TURN
4d$_b$ < LENGTH ≤ 8d$_b$	1/2 TURN	2/3 TURN	5/6 TURN
8d$_b$ < LENGTH ≤ 12d$_b$	2/3 TURN	5/6 TURN	1 TURN

a. NUT ROTATION IS RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED. FOR ALL REQUIRED ROTATIONS, THE TOLERANCE IS PLUS 60° AND MINUS 30°.
b. APPLICABLE TO JOINTS IN WHICH ALL MATERIAL WITHIN THE GRIP IS STEEL.

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (SNUG-TIGHT) - INSPECTION TASKS DURING BOLTING

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
DOCUMENTATION OF ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	-	X	YES

STRUCTURAL STEEL COMPOSITE CONSTRUCTION - INSPECTIONS PRIOR TO CONCRETE PLACEMENT

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REQUIRED
PLACEMENT AND INSTALLATION OF STEEL DECK	-	X	YES
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS.	-	X	YES
DOCUMENT ACCEPTANCE OR REJECTION OF STEEL ELEMENTS	-	X	YES

COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION (1705.11.2)

PERIODIC SPECIAL INSPECTION IS REQUIRED FOR WELDING OPERATIONS OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, BRACES, DIAPHRAGMS, COLLECTORS (DRAG STRUTS) AND HOLD-DOWNS.

EXCEPTION: SPECIAL INSPECTION IS NOT REQUIRED FOR COLD-FORMED STEEL LIGHT-FRAME SHEAR WALLS AND DIAPHRAGMS, INCLUDING SCREWING, BOLTING, ANCHORING AND OTHER FASTENING TO COMPONENTS OF THE WIND FORCE RESISTING SYSTEM WHERE EITHER OF THE FOLLOWING APPLIES:
1. THE SHEATHING IS GYPSUM BOARD OR FIBERBOARD.
2. THE SHEATHING IS WOOD STRUCTURAL PANEL OR STEEL SHEETS ON ONLY ONE SIDE OF THE SHEAR WALL, SHEAR PANEL OR DIAPHRAGM ASSEMBLY AND THE FASTENER SPACING OF THE SHEATHING IS MORE THAN 4 INCHES (102 MM) ON CENTER (O.C.).

SPECIAL INSPECTIONS FOR WIND RESISTANCE (1705.11)

SPECIAL INSPECTIONS FOR WIND RESISTANCE SPECIFIED IN SECTIONS 1705.11.1 THROUGH 1705.11.3, UNLESS EXEMPTED BY THE EXCEPTIONS TO SECTION 1704.2, ARE REQUIRED FOR BUILDINGS AND STRUCTURES CONSTRUCTED IN THE FOLLOWING AREAS:

1. IN WIND EXPOSURE CATEGORY B, WHERE VASD AS DETERMINED IN ACCORDANCE WITH SECTION 1609.3.1 IS 120 MILES PER HOUR (52.8 MISEC) OR GREATER.
2. IN WIND EXPOSURE CATEGORY C OR D, WHERE VASD AS DETERMINED IN ACCORDANCE WITH SECTION 1609.3.1 IS 110 MPH (49 MISEC) OR GREATER.

WIND-RESISTING COMPONENTS (1705.11.3)

PERIODIC SPECIAL INSPECTION IS REQUIRED FOR FASTENING OF THE FOLLOWING SYSTEMS AND COMPONENTS:
1. ROOF COVERING, ROOF DECK AND ROOF FRAMING CONNECTIONS
2. EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING

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NUMBER	DATE

EL CAMPO ISD

EL CAMPO, TEXAS

STATEMENT OF SPECIAL INSPECTIONS

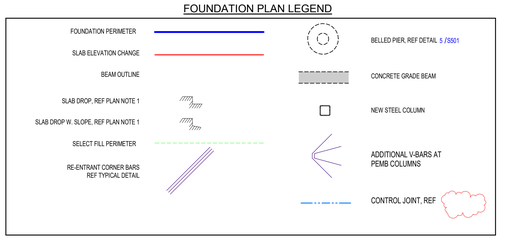
Project Number:
20-202
Sheet issue date:
08/17/2020

S001

SUBGRADE AND BUILDING PAD NOTES:

1. SOIL IMPROVEMENT:
   A. UNDERCUT UPPER 7 FEET OF EXISTING HIGH PLASTICITY CLAYS AND REPLACE WITH COMPACTED LOW PLASTICITY STRUCTURAL (SELECT) FILL TO TOP OF BUILDING PAD ELEVATION. THE SELECT FILL PAD MUST BE OF UNIFORM THICKNESS UNLESS OTHERWISE NOTED BY GEOTECHNICAL ENGINEER.
2. SITE PREPARATION:
   A. SOFT SOILS SHOULD BE REMOVED UNTIL FIRM SOIL IS REACHED. THE SOFT SOILS CAN BE AERATED AND PLACED BACK IN SIX-INCH LOOSE LIFTS AND COMPACTED TO 95% AS SPECIFIED BY ASTM D-698. TREE STUMPS, TREE ROOTS, OLD SLABS, OLD FOUNDATIONS AND EXISTING PAVEMENTS SHOULD BE REMOVED FROM THE STRUCTURE AREA. IF THE TREE STUMPS AND ROOTS ARE LEFT IN PLACE, SETTLEMENT AND TERMITE INFESTATION MAY OCCUR. ONCE A ROOT SYSTEM IS REMOVED, A VOID IS CREATED IN THE SUBSOIL. IT IS RECOMMENDED TO FILL THESE VOIDS WITH STRUCTURAL FILL OR CEMENT-STABILIZED SAND AND COMPACT TO 95% AS SPECIFIED BY ASTM D-698.
   B. ANY LOW-LYING AREAS INCLUDING RAVINES, DITCHES, SWAMPS, ETC. SHOULD BE FILLED WITH STRUCTURAL FILL AND PLACED IN EIGHT-INCH LIFTS. EACH LIFT SHOULD BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS SPECIFIED BY ASTM D-698.
   C. THE EXPOSED SUBGRADE SHOULD BE SCARIFIED TO A MINIMUM DEPTH OF SIX (6) INCHES IN THE DRIVEWAY AND SLAB AREAS. THE SUBGRADE SHOULD THEN BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD MOISTURE DENSITY RELATIONSHIP (ASTM D-698). IN THE EVENT THAT THE UPPER SIX (6) INCHES CANNOT BE COMPACTED DUE TO EXCESSIVE MOISTURE, WE RECOMMEND THAT THESE SOILS BE EXCAVATED AND REMOVED OR CHEMICALLY STABILIZED TO PROVIDE A FIRM BASE FOR FILL PLACEMENT. PROOF ROLLING SHOULD BE PERFORMED USING A HEAVY TIRED LOADED TRUCK OR PNEUMATIC RUBBER-TIRED WEIGHING 20 TONS.
   D. THE FILL SOILS SHOULD EXTEND AT LEAST FIVE FEET BEYOND THE PERIMETER OF THE STRUCTURE. IN ADDITION, THE FLOOR SLAB SHOULD BE PLACED AS SOON AS POSSIBLE AFTER THE BUILDING PAD IS PREPARED. IF THE BUILDING PAD IS LEFT EXPOSED TO RAINFALL, PERCHED GROUNDWATER CONDITIONS MAY DEVELOP WHICH WILL UNDERMINE THE INTEGRITY OF THE FLOOR SLAB. ALL TRENCHES (WATER, CABLE, ELECTRICAL) SHOULD BE PROPERLY BACKFILLED AND COMPACTED TO 95% OF THE MAXIMUM DRY DENSITIES. SAND OR PERMEABLE MATERIALS SHOULD NOT BE USED AS BACKFILL. IMPROPERLY BACKFILLED AND IMPROPERLY COMPACTED TRENCH, IF LEFT EXPOSED WILL ALSO BE ANOTHER SOURCE FOR PERCHED GROUNDWATER CONDITIONS. IN GENERAL, PERCHED WATER TENDS TO BE TRAPPED WITHIN THE FILL. THE TRAPPED GROUNDWATER TENDS TO SOFTEN THE SUBGRADE. POSITIVE DRAINAGE SHOULD BE MAINTAINED ACROSS THE ENTIRE BUILDING PAD.
   E. A QUALIFIED SOIL TECHNICIAN SHOULD MONITOR ALL EARTHWORK OPERATIONS. FIELD DENSITY TESTS SHOULD BE CONDUCTED ON EACH LIFT USING A NUCLEAR DENSITY GAUGE. THE GAUGE SHOULD BE CALIBRATED EVERY DAY. PRIOR TO FIELD DENSITY TESTS, A 50-POUND SAMPLE FROM THE SUBGRADE SOILS SHOULD BE OBTAINED. A SIMILAR SAMPLE SHOULD BE OBTAINED FROM THE FILL SOILS. A STANDARD MOISTURE DENSITY RELATIONSHIP (ASTM D-698) SHOULD BE PERFORMED ON EACH SAMPLE IN ORDER TO OBTAIN AN OPTIMUM MOISTURE CONTENT AND A MAXIMUM DRY DENSITY. THE FIELD DENSITY TESTS SHOULD BE COMPARED TO THESE RESULTS EVERY TIME THE SOILS ARE TESTED IN THE FIELD.
3. LOW SWELL POTENTIAL STRUCTURAL FILL (SELECT FILL)
   A. LOW SWELL POTENTIAL SELECT FILL SHOULD CONSIST OF COHESIVE SOILS FREE OF ORGANICS OR OTHER DELETERIOUS MATERIALS AND SHOULD HAVE A PLASTICITY INDEX NOT LESS THAN 7 OR MORE THAN 20. SANDY CLAYS ARE RECOMMENDED FOR USE. THE LOW SWELL POTENTIAL SELECT FILL SHOULD BE CLEANED AND FREE OF ORGANIC MATTER OR OTHER DELETERIOUS MATERIAL. THE FILL SHOULD BE PLACED IN MAXIMUM 8-INCH LOOSE LIFTS AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698 (STANDARD PROCTOR). THE MOISTURE CONTENT AT THE TIME OF COMPACTION SHOULD BE +/-2% OF THE OPTIMUM VALUE AS DEFINED BY ASTM D 698. THE REFERENCED MOISTURE CONTENT AND DENSITY SHOULD BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
4. DRAINAGE
   A. ROOF DRAINAGE SHOULD BE COLLECTED BY A SYSTEM OF GUTTERS AND DOWN SPOUTS AND TRANSMITTED TO A PAVED SURFACE WHERE WATER CAN DRAIN RAPIDLY AWAY FROM THE STRUCTURE. SIDEWALKS, PARKING AREAS, BUILDING ACCESS DRIVES, AND THE GENERAL GROUND SURFACE SHOULD BE SLOPED SO THAT WATER WILL DRAIN AWAY FROM THE STRUCTURE. WATER SHOULD NOT BE ALLOWED TO POND NEAR THE BUILDING FOUNDATIONS.
5. LANDSCAPING
   A. AVOID THE USE OF METAL EDGING OR OTHER DAMMING DEVICES WITHIN FIVE FEET OF THE FOUNDATION. THE ROOTS OF TREES AND LARGE PLANTS REMOVE LARGE QUANTITIES OF WATER FROM THE SOIL. IF THESE TREES AND SHRUBS ARE NEAR THE FOUNDATION AND IF SUFFICIENT WATER IS NOT SUPPLIED, THE SOILS MAY SHRINK IF EXPANSIVE, CAUSING SUBSIDENCE IN THE FOUNDATION. DURING DRY PERIODS, ENOUGH WATER SHOULD BE SUPPLIED TO TREES TO MINIMIZE SHRINKING OF EXPANSIVE SOILS AROUND THEM. MOST OF THE IRRIGATION WATER SHOULD BE APPLIED WELL AWAY FROM THE FOUNDATION TO ATTRACT THE TREE ROOTS IN THAT DIRECTION. WHEN TREES MATURE TO THE POINT OF SHADING THE ENTIRE LOT, REGULAR PRUNING WILL BE NEEDED TO REDUCE THEIR WATER UPTAKE. LANDSCAPING (PLANTS, SHRUBS, FLOWERS, ETC.) SHOULD NOT TRAP WATER AGAINST THE FOUNDATION. PROVIDE A SLOPE IN SOILS BELOW LANDSCAPE BEDDING AND IN THE BEDDING AWAY FROM THE FOUNDATION. ALTERNATIVELY, PROVIDE SWALES AROUND AND THROUGH THE LANDSCAPING TO DRAIN WATER AWAY. PROVIDE UNIFORM GROUND COVER AROUND THE FOUNDATION. THIS WILL HELP KEEP THE MOISTURE EVAPORATION RATE UNIFORM. IN AREAS THAT ARE NOT PLANTED, USE MULCH. EXTEND THE GROUND COVER AT LEAST FIVE FEET FROM THE FOUNDATION.
   B. ANYVALL TREES SHALL BE PLANTED AT A MINIMUM DISTANCE EQUIVALENT TO THE HEIGHT OF THE TREE OR THE DRIP LINE PLUS 10 FEET WHICHEVER IS GREATER.
6. SOIL MOISTURE
   A. EXPANSIVE SOILS HEAVE AND SUBSIDE DUE TO CHANGES IN MOISTURE CONTENT. CHANGES IN MOISTURE CONTENT CAN CAUSE VERY LARGE CHANGES IN SOIL VOLUME WHEN GOING FROM A DRY TO A SATURATED CONDITION, AND VICE VERSA. THIS MOVEMENT DOES NOT MEAN THE FOUNDATION IS IMPROPERLY DESIGNED OR THAT IT HAS FAILED. THE FOUNDATION DESIGN ENGINEER CANNOT CONTROL THE MOISTURE CONTENT OF THE SOIL, BUT OFTEN THE OWNER/TENANT CAN. UNIFORMITY IS THE KEY: UNIFORM MOISTURE CONTENT IN THE SOIL, UNIFORMLY MAINTAINED IN ALL AREAS AROUND THE FOUNDATION. IF CHANGES IN MOISTURE CONTENT ARE UNIFORM, THEN MOVEMENT OF THE FOUNDATION WILL BE UNIFORM AND LESS DISTRESS WILL BE CREATED IN THE STRUCTURE. IF CHANGES IN MOISTURE CONTENT ARE NON-UNIFORM, THEN THERE MAY BE DIFFERENTIAL MOVEMENT IN THE FOUNDATION. DIFFERENTIAL MOVEMENT CAN CAUSE GREATER (AND MORE OBVIOUS) DISTRESS IN THE STRUCTURE. LEAKING POOLS, LEAKING PLUMBING LINES, LEAKING DRAINS, DRIPPING FAUCETS, DRIPPING AIR CONDITIONING CONDENSATE LINES, AND MISDIRECTED WATER FROM CLOGGED AND BROKEN GUTTERS AND DOWNSPOUTS CAN CAUSE LOCAL HIGH MOISTURE CONTENTS THAT CAN RESULT IN DIFFERENTIAL MOVEMENT IN AREAS OF EXPANSIVE SOILS. THESE CONDITIONS SHOULD BE REMEDIED AS SOON AS POSSIBLE. TREES IN OR NEAR THE FOOTPRINT OF THE FOUNDATION, EITHER REMOVED OR PLANTED DURING CONSTRUCTION, CAUSE THE MAJORITY OF FOUNDATION PROBLEMS REQUIRING REPAIR IN THIS AREA. TREES REMOVED DURING CONSTRUCTION TEND TO CAUSE HEAVE OF EXPANSIVE SOILS DURING THE FIRST FEW YEARS, WITH INITIAL DISTRESS OFTEN EVIDENT AT THE TIME OF MOVE-IN. TREES PLANTED DURING OR AFTER CONSTRUCTION TEND TO CAUSE SUBSIDENCE OF EXPANSIVE SOILS. HOWEVER, SIGNIFICANT SUBSIDENCE DISTRESS WILL USUALLY NOT OCCUR FOR TEN TO TWENTY YEARS AS THE TREES MATURE.
7. CLIMATE
   A. DURING PERIODS OF DRY WEATHER, THE SOIL AROUND THE FOUNDATION SHOULD BE IRRIGATED IF THE BUILDING IS LOCATED IN AN AREA WHERE EXPANSIVE SOILS ARE KNOWN TO OCCUR. THE MOST COMMONLY USED IRRIGATION SYSTEM IS ABOVEGROUND TIMED SPRINKLERS WITH A MANUAL OVERRIDE SO THEY CAN BE TURNED OFF IN RAINY WEATHER. AN AUTOMATIC BELOWGROUND IRRIGATION SYSTEM THAT SENSES THE MOISTURE CONTENT OF THE SOIL MAY ALSO BE USED. TEND TO KEEP THE IRRIGATION SYSTEM SET ON "MANUAL", AND ONLY USE IT IN DRIER PERIODS WHEN WILTING OF THE LAWN GRASSES AND OTHER VEGETATION OCCURS. THE IRRIGATION SHOULD BE DONE AT LEAST ONE TO TWO FEET AWAY FROM THE FOUNDATION, AND THEN LIGHTLY SO THAT TREE ROOTS ARE NOT ATTRACTED THERE. DO NOT ALLOW SPRINKLERS TO SPRAY WATER AGAINST THE STRUCTURE. IN EXTENDED DRY PERIODS, SHOULD THE SOIL CRACK AND PULL AWAY FROM THE FOUNDATION, DO NOT WATER DIRECTLY INTO THE GAP.
8. UTILITIES
   A. CONNECTIONS FOR UTILITIES (PLUMBING, ELECTRICAL, GAS, ETC.) THAT ARE UNDERNEATH, GO THROUGH OR ARE ATTACHED TO THE FOUNDATION SHALL HAVE BE FLUEXIBLE TO ACCOMODATE FOUNDATION MOVEMENT OF ATLEAST 1". ALL DRAINAGE PIPING, AND GENERAL PLUMBING SYSTEMS ASSOCIATED WITH THE FOUNDATION OR IN PROXIMITY TO THE FOUNDATION SHALL BE LEAK TESTED FOLLOWING INSTALLATION.
9. ARCHITECTUAL FINISHES
   A. TILE FLOORS SHALL BE JOINTED FREQUENTLY TO MINIMIZE CRACKING.
   B. WALL COVERINGS SHALL BE JOINTED ON EACH SIDE OF DOOR AND WINDOW OPENINGS.
   C. ALL ARCHITECTUAL FINISHES SHALL MIRROR CONTROL, EXPANSION OR CONSTRUCTION JOINTS IN THE FOUNDATION.
10. FUTURE STRUCTURES:
   A. THE OWNER/CONTRACTOR SHALL NOTIFY THE STRUCTURAL ENGINEER IF FUTURE STRUCTURES SUCH AS SWIMMING POOLS, JACUZZI OR ANY OTHER STRUCTURE THAT HAS A FOUNDATION AND IS LOCATED WITHIN 30 FEET FROM THE PRIMARY BUILDING FOUNDATION IS PLANNED AS SUCH STRUCTURES CAN HAVE AN AFFECT ON THE PERFORMANCE OF THE PRIMARY BUILDING FOUNDATION.

FOUNDATION PLAN LEGEND



FOUNDATION NOTES

FOUNDATION TYPE	STRUCTURAL SLAB ON GRADE SUPPORTED BY PIERS
SLAB THICKNESS	6"
TYPICAL SLAB REINFORCEMENT	5" @ 14" EACH WAY TOP AND BOTTOM
VAPOR RETARDER	MIN. 15 MIL (REFERENCE ARCH. SPECIFICATIONS)
MIN. PERIMETER GB EMBEDMENT BELOW GRADE	18"
SUBGRADE IMPROVEMENT	EXCAVATE TOP 6' OF NATIVE SOIL AND REPLACE WITH COMPACTED SELECT FILL

BEAM SCHEDULE

BEAM TAG	WIDTH	DEPTH	TOP BARS	BOTTOM BARS	STIRRUPS
B1	14"	32"	3 - #6	3 - #6	6@10", R@24"

NOTES:
1. ALL BEAMS ARE TYPE B1, UNO.
2. STIRRUP NOTES:
   A. ALL STIRRUPS SHALL BE NO.4 BARS.
   B. STIRRUP SPACING (N@Y", R@X") INDICATE N STIRRUPS AT A SPACING OF Y STARTING FROM EACH SIDE OF THE BEAM WITH THE REMAINDER OF THE BEAM WITH STIRRUPS AT MAX.X SPACING.

PIER SCHEDULE

PIER TAG	SHAFT Ø	BELL Ø	EMBEDMENT DEPTH	VERTICAL BARS	TIES
P1	12"	36"	7'-0"	6 - #5	#3@12"

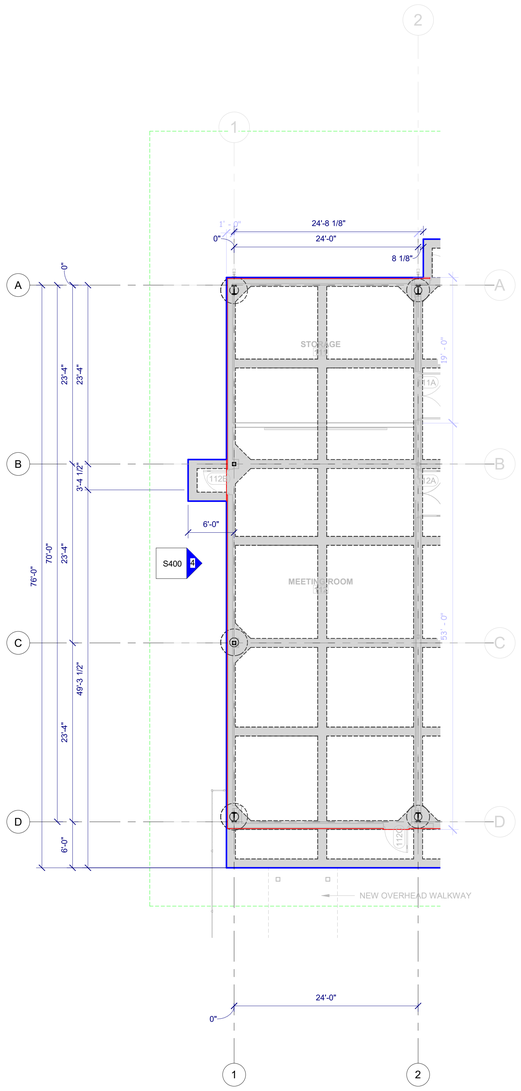
NOTES:
1. ALL PIERS ARE TYPE P1, UNO.
2. FOR TYPICAL PIER DETAIL, REF 5 /S501
3. TOP OF PIERS AT PERIMETER (BENEATH GRADE BEAMS ARE DEPENDENT UPON EXISTING GRADE ELEVATIONS, FIELD VERIFY)

TYPICAL FOUNDATION PLAN NOTES

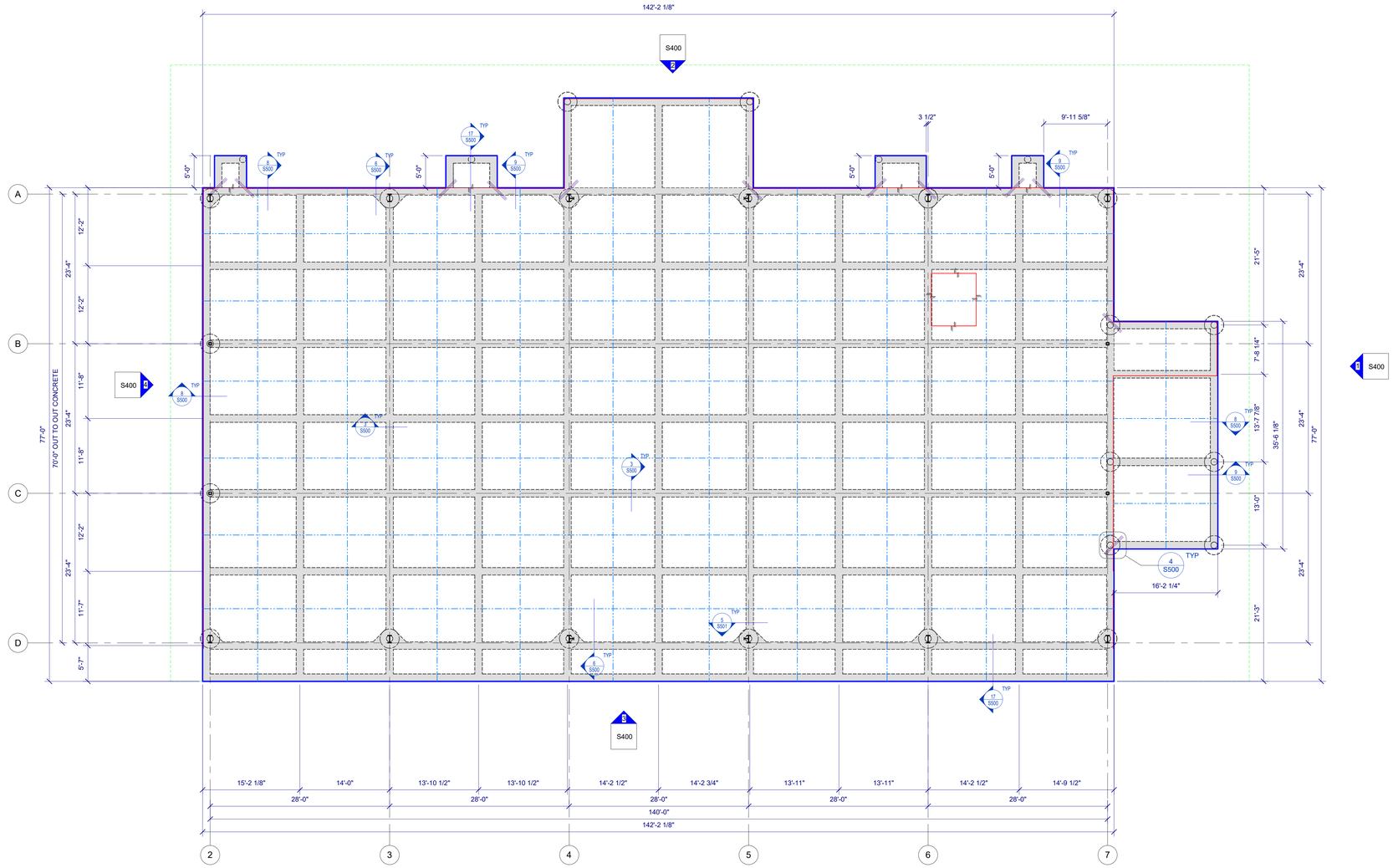
1. VERIFY ALL EDGE OF FOUNDATION DIMENSIONS WITH FINAL ARCHITECTURE FLOOR PLANS.
2. FORM DIMENSIONS: SLAB DROPS, SLOPES, ETC. SHOWN AS AN ADD TO CONTRACTOR ONLY. VERIFY EXACT DIMENSIONS AND LOCATIONS WITH ARCH./OWNER.
3. FOR FLOOR DRAINS, REF 15/S202

METAL BUILDING NOTES:

1. THIS FOUNDATION DESIGN IS BASED ON PRELIMINARY METAL BUILDING COLUMNS / ANCHOR BOLT LOCATIONS AND REACTIONS. THE FINAL FOUNDATION DESIGN "FOR CONSTRUCTION" CAN ONLY BE SUBMITTED AFTER THE FULL METAL BUILDING SUBMITTAL (THAT IS SIGNED AND SEALED) HAS BEEN APPROVED AND FOUNDATION REVISION, IF REQUIRED ARE MADE AND ISSUED.
   A. PEMB COMPANY:
   B. ISSUE STATUS:
   C. DATE OF DRAWINGS:
2. THE ANCHOR ROD EMBEDMENT VALUES WILL ALSO BE PROVIDED AFTER THE FULL METAL BUILDING SUBMITTAL HAS BEEN REVIEWED AND APPROVED.
3. THE METAL BLDG. MFR. SHALL REFER TO THE GENERAL NOTES AND SPECIFICATIONS FOR DRIFT AND DEFLECTION REQUIREMENTS.



3 FOUNDATION PLAN - ALTERNATIVE OPTION
1/8" = 1'-0"



1 FOUNDATION PLAN
1/8" = 1'-0"

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REVISIONS

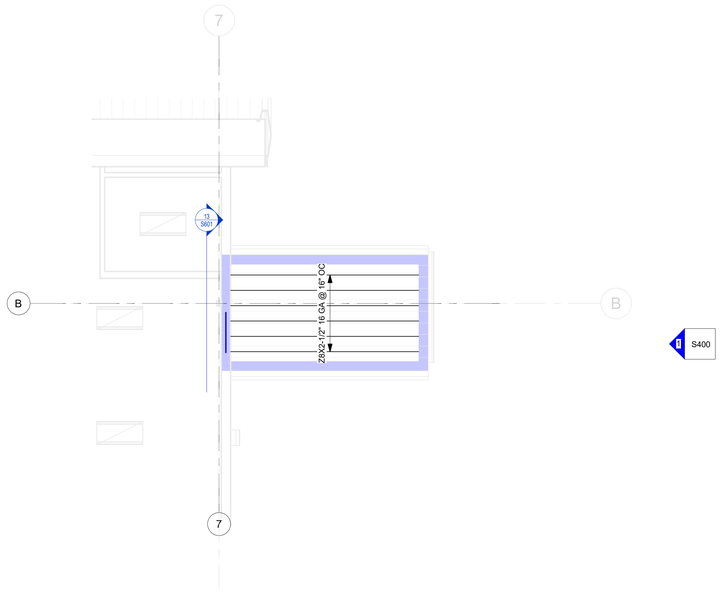
NUMBER	DATE

EL CAMPO ISD
EL CAMPO, TEXAS

FOUNDATION PLAN

Project Number: 20-202
Sheet issue date: 08/17/2020

S100



1 MECHANICAL ROOF FRAMING PLAN
3/16" = 1'-0"

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EL CAMPO ISD

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MECHANICAL SHED PLANS

Project Number:
20-202
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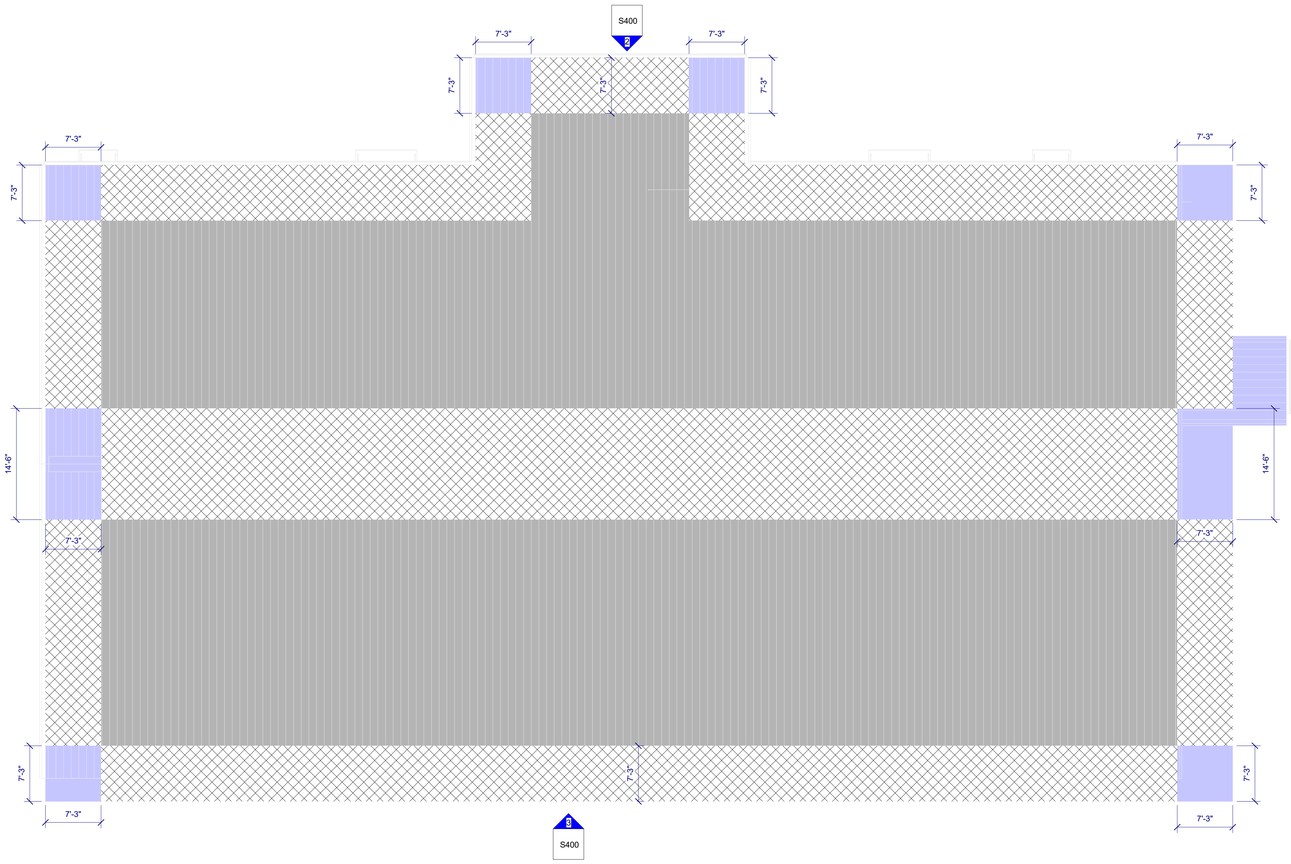
S200



1 ROOF CC PLAN
1/8" = 1'-0"

Cladding Type	Location	Effective Area (sf)	Coefficients +GCp	-GCp	Wind pressures +p (psf)	-p (psf)
Wall	Interior	**10**	1.00	-1.10	+52.5	-56.9
		30	0.92	-1.02	+48.7	-53.2
		50	0.88	-0.98	+47.0	-51.4
		100	0.82	-0.92	+44.6	-49.1
		200	0.77	-0.87	+42.3	-46.7
Wall	Edge	10	1.00	-1.40	+52.5	-70.3
		30	0.92	-1.23	+48.7	-62.8
		50	0.88	-1.15	+47.0	-59.3
		100	0.82	-1.05	+44.6	-54.6
		200	0.77	-0.94	+42.3	-49.8
Roof	Interior	10	0.50	-0.90	+30.2	-48.0
		30	0.40	-0.85	+26.0	-45.9
		50	0.36	-0.83	+24.0	-44.9
		100	0.30	-0.80	+21.3	-43.6
		200	0.30	-0.80	+21.3	-43.6
Roof	Edge	10	0.50	-1.70	+30.2	-93.6
		30	0.40	-1.46	+26.0	-73.0
		50	0.36	-1.35	+24.0	-68.1
		100	0.30	-1.20	+21.3	-61.4
		200	0.30	-1.20	+21.3	-61.4
Roof	Corner	10	0.50	-2.60	+30.2	-123.6
		30	0.40	-2.31	+26.0	-110.9
		50	0.36	-2.18	+24.0	-105.0
		100	0.30	-2.00	+21.3	-96.9
		200	0.30	-2.00	+21.3	-96.9
Overhang	Interior & Edge	10	0.00	-2.20	+10.0	-97.8
		30	0.00	-2.20	+10.0	-97.8
		50	0.00	-2.20	+10.0	-97.8
		100	0.00	-2.20	+10.0	-97.8
		200	0.00	-2.20	+10.0	-97.8
Overhang	Corner	10	0.00	-3.70	+10.0	-164.5
		30	0.00	-3.13	+10.0	-139.1
		50	0.00	-2.86	+10.0	-127.2
		100	0.00	-2.50	+10.0	-111.2
		200	0.00	-2.50	+10.0	-111.2
Parapet	Interior	10	2.70	-2.10	+120.1	-93.4
		30	2.38	-1.93	+105.7	-85.9
		50	2.23	-1.85	+99.0	-82.4
		100	2.02	-1.75	+90.0	-77.7
		200	1.97	-1.64	+87.6	-72.9
Parapet	Edge	10	3.60	-2.40	+160.1	-106.7
		30	3.23	-2.15	+143.6	-95.5
		50	3.06	-2.03	+135.9	-90.3
		100	2.82	-1.87	+125.5	-83.2
		200	2.77	-1.71	+123.2	-76.1

S400

ROOF WIND ZONE LEGEND

EDGE	
INTERIOR	
CORNER	

FLOOR PLAN LEGEND:

- FD — FLOOR DECK SPAN (ORIENTATION OF LONG DIRECTION OF PANELS)
- HEADER BEAM
- CFS JOIST
- MEZZANINE DECK
- INTERIOR CFS LOAD BEARING WALL

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REVISIONS

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EL CAMPO ISD
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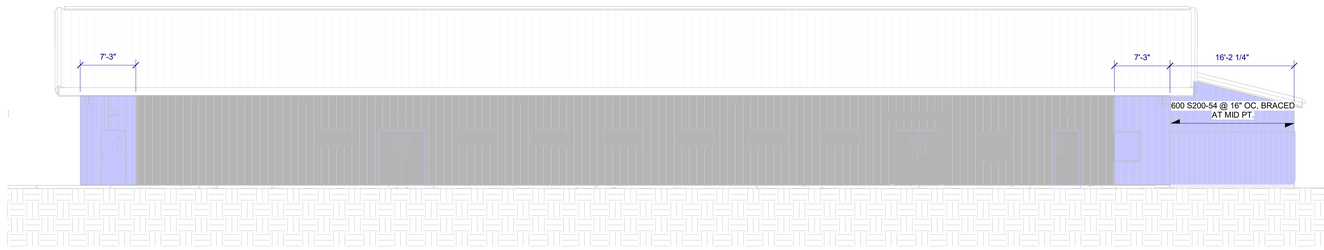
ROOF COMPONENTS AND CLADDING PLAN

Project Number:
20-202
Sheet issue date:
08/17/2020

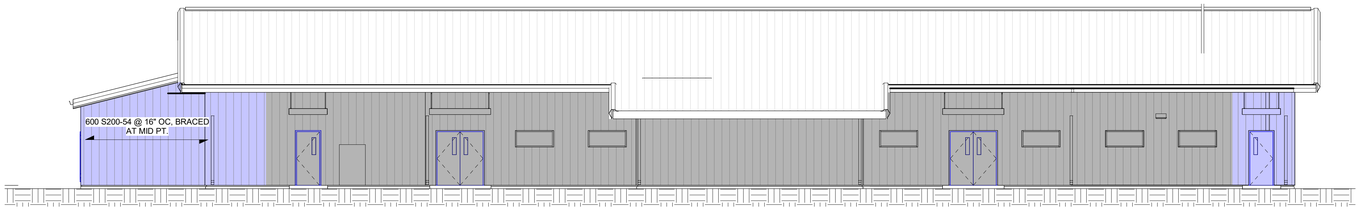
S300

Cladding Type	Location	Effectiv Area (sf	Coefficients +GCp	-GCp	Wind pressures +p (psf)	-p (psf)
Wall	Interior	**10**	1.00	-1.10	+52.5	-56.3
		30	0.92	-1.02	+48.7	-53.2
		50	0.88	-0.98	+47.0	-51.4
		100	0.82	-0.92	+44.6	-49.1
		200	0.77	-0.87	+42.3	-46.7
Wall	Edge	10	1.00	-1.40	+52.5	-70.3
		30	0.92	-1.23	+48.7	-62.8
		50	0.88	-1.15	+47.0	-59.3
		100	0.82	-1.05	+44.6	-54.6
		200	0.77	-0.94	+42.3	-49.8
Roof	Interior	10	0.50	-0.90	+30.2	-48.0
		30	0.40	-0.85	+26.0	-45.9
		50	0.36	-0.83	+24.0	-44.9
		100	0.30	-0.80	+21.3	-43.6
		200	0.30	-0.80	+21.3	-43.6
Roof	Edge	10	0.50	-1.70	+30.2	-83.6
		30	0.40	-1.46	+26.0	-73.0
		50	0.36	-1.35	+24.0	-68.1
		100	0.30	-1.20	+21.3	-61.4
		200	0.30	-1.20	+21.3	-61.4
Roof	Corner	10	0.50	-2.60	+30.2	-123.6
		30	0.40	-2.31	+26.0	-110.9
		50	0.36	-2.18	+24.0	-105.0
		100	0.30	-2.00	+21.3	-96.9
		200	0.30	-2.00	+21.3	-96.9
Overhang	Interior & Edge	10	0.00	-2.20	+10.0	-97.8
		30	0.00	-2.20	+10.0	-97.8
		50	0.00	-2.20	+10.0	-97.8
		100	0.00	-2.20	+10.0	-97.8
		200	0.00	-2.20	+10.0	-97.8
Overhang	Corner	10	0.00	-3.70	+10.0	-164.5
		30	0.00	-3.13	+10.0	-139.1
		50	0.00	-2.86	+10.0	-127.2
		100	0.00	-2.50	+10.0	-111.2
		200	0.00	-2.50	+10.0	-111.2
Parapet	Interior	10	2.70	-2.10	+120.1	-93.4
		30	2.38	-1.93	+105.7	-85.9
		50	2.23	-1.85	+99.0	-82.4
		100	2.02	-1.75	+90.0	-77.7
		200	1.97	-1.64	+87.6	-72.9
Parapet	Edge	10	3.60	-2.40	+160.1	-106.7
		30	3.23	-2.15	+143.6	-95.5
		50	3.06	-2.03	+135.9	-90.3
		100	2.82	-1.87	+125.5	-83.2
		200	2.77	-1.71	+123.2	-76.1

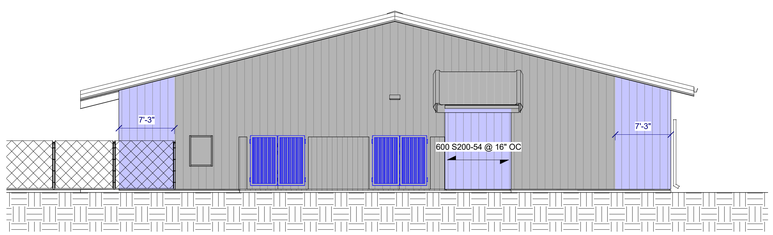
WALL WIND ZONE LEGEND	
INTERIOR WALL	
EDGE	



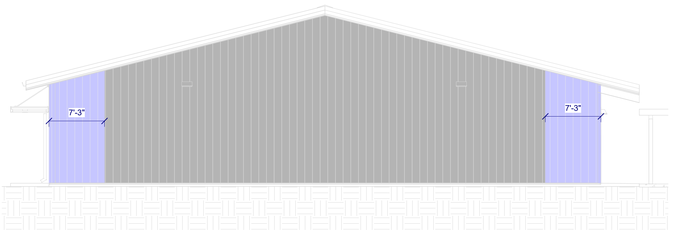
3 MECH ROOM SOUTH
1/8" = 1'-0"



2 MECH ROOM NORTH
1/8" = 1'-0"



1 MECH ROOM EAST
1/8" = 1'-0"



4 MECH ROOM BACK
1/8" = 1'-0"

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REVISIONS	
NUMBER	DATE

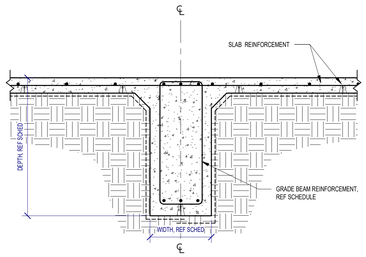
EL CAMPO ISD

EL CAMPO, TEXAS

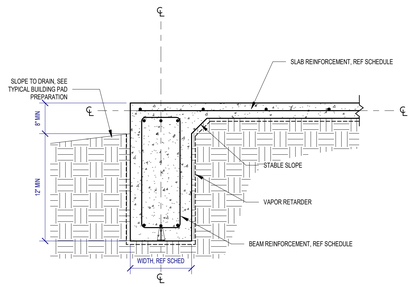
WIND ZONE ELEVATIONS

Project Number:
20-202
Sheet issue date:
08/17/2020

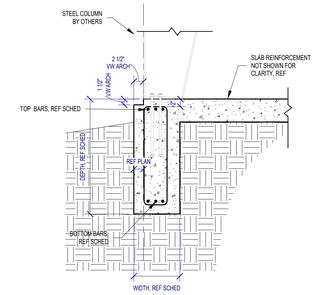
S400



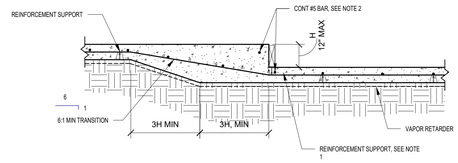
3 TYPICAL INTERIOR GRADE BEAM
3/4" = 1'-0"



8 TYPICAL EXTERIOR GRADE BEAM
3/4" = 1'-0"

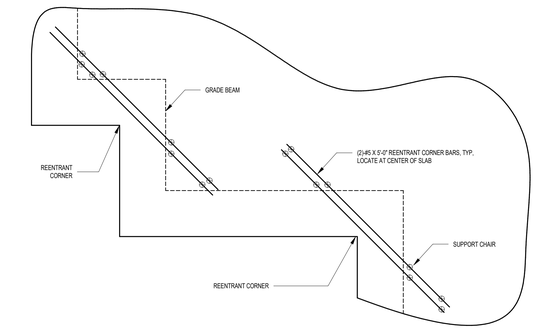


5 TYPICAL COLUMN AT EXTERIOR GRADE BEAM WITHOUT PIER
3/4" = 1'-0"

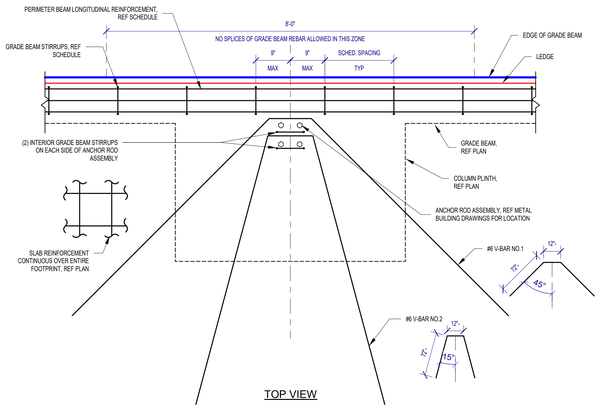


NOTES:
1. INVERT REINFORCEMENT SUPPORT AND SECURELY ATTACH TO FLOAT FORM.
2. CONT BARS TO EXTEND 24" PAST EXTENTS OF DROP OR IF DROP CONTINUES TO A DISCONTINUOUS EDGE THEN EXTEND AND PROVIDE A STD 90° HOOK

10 TYPICAL SLAB DROP
3/4" = 1'-0"

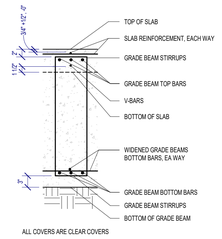


4 TYPICAL REENTRANT CORNER BARS
3/4" = 1'-0"

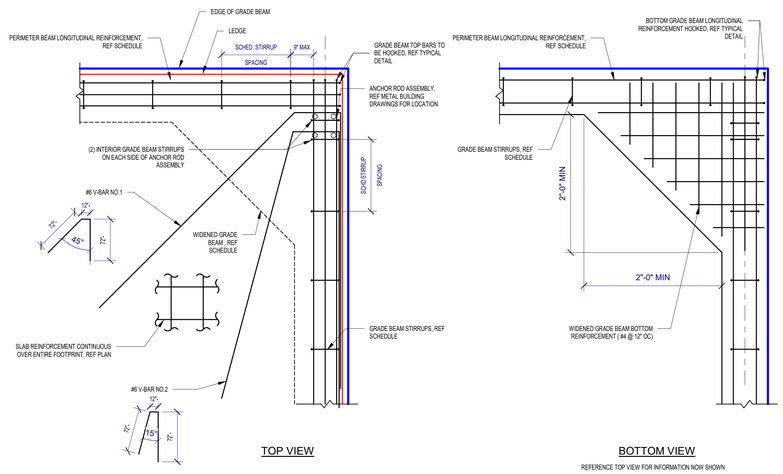


TOP VIEW

15 TYPICAL WIDENED GRADE BEAM AT METAL BUILDING RIGID FRAME
3/4" = 1'-0"



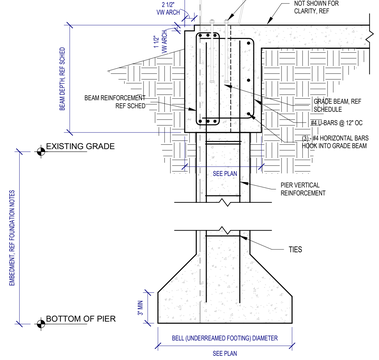
REINFORCEMENT COVER & HIERARCHY



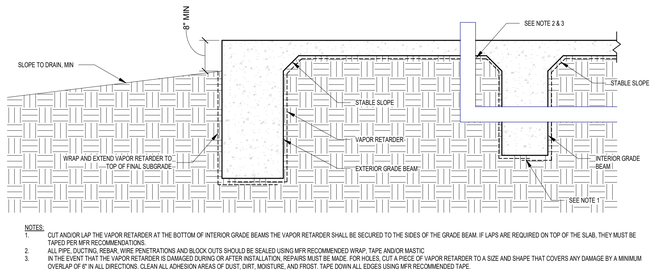
TOP VIEW

BOTTOM VIEW

REFERENCE TOP VIEW FOR INFORMATION NOW SHOWN

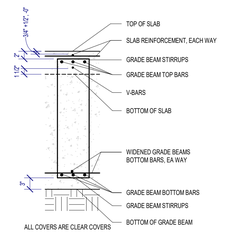


6 TYPICAL PLINTH AT EXTERIOR GRADE BEAM WITH BELLED PIER
3/4" = 1'-0"

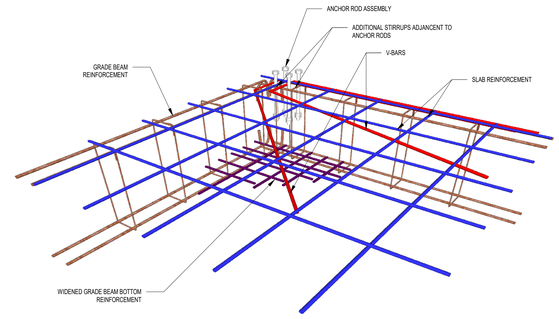


NOTES:
1. CUT AND/OR LAP THE VAPOR RETARDER AT THE BOTTOM OF INTERIOR GRADE BEAMS THE VAPOR RETARDER SHALL BE SECURED TO THE SIDES OF THE GRADE BEAM. IF LAPS ARE REQUIRED ON TOP OF THE SLAB, THEY MUST BE TAPED PER MFR RECOMMENDATIONS.
2. ALL PIPE, DUCTING, REBAR, WIRE PENETRATIONS AND BLOCK OUTS SHOULD BE SEALED USING MFR RECOMMENDED WRAP, TAPE AND/OR MASTIC
3. IN THE EVENT THAT THE VAPOR RETARDER IS DAMAGED DURING OR AFTER INSTALLATION, REPAIRS MUST BE MADE. FOR HOLES, CUT A PIECE OF VAPOR RETARDER TO A SIZE AND SHAPE THAT COVERS ANY DAMAGE BY A MINIMUM OVERLAP OF 6" IN ALL DIRECTIONS. CLEAN ALL ADHESION AREAS OF DUST, DIRT, MOISTURE, AND FROST. TAPE DOWN ALL EDGES USING MFR RECOMMENDED TAPE.

7 TYPICAL TYPICAL SUBGRADE AND VAPOR RETARDER PREPARATION
3/4" = 1'-0"

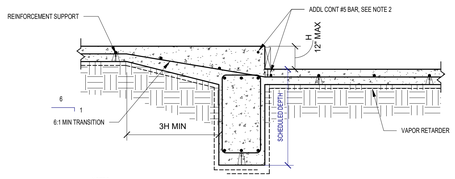


REINFORCEMENT COVER & HEIRARCHY



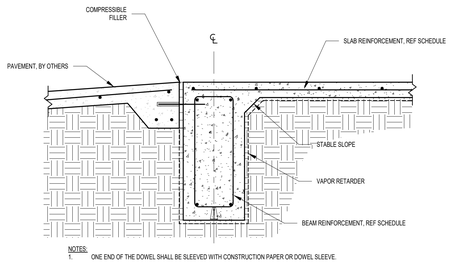
ISOMETRIC

16 TYPICAL WIDENED GRADE BEAM AT METAL BUILDING RIGID FRAME_CORNER
3/4" = 1'-0"



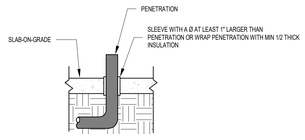
NOTES:
1. INVERT REINFORCEMENT SUPPORT AND SECURELY ATTACH TO FLOAT FORM.
2. CONT BARS TO EXTEND 24" PAST EXTENTS OF DROP OR IF DROP CONTINUES TO A DISCONTINUOUS EDGE THEN EXTEND AND PROVIDE A STD 90° HOOK

11 TYPICAL SLAB DROP AT GRADE BEAM
3/4" = 1'-0"

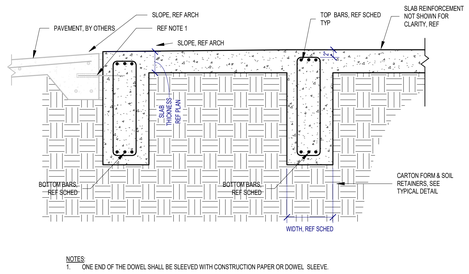


NOTES:
1. ONE END OF THE DOWEL SHALL BE SLEEVED WITH CONSTRUCTION PAPER OR DOWEL SLEEVE.

14 TYPICAL EXTERIOR GRADE BEAM @ PAVEMENT
3/4" = 1'-0"



12 033000 SOG - VERTICAL PENETRATION THOUGH SLAB-ON-GRADE
3/4" = 1'-0"



NOTES:
1. ONE END OF THE DOWEL SHALL BE SLEEVED WITH CONSTRUCTION PAPER OR DOWEL SLEEVE.

17 TYPICAL EXTERIOR GRADE BEAM AT STOOP
3/4" = 1'-0"

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EL CAMPO ISD
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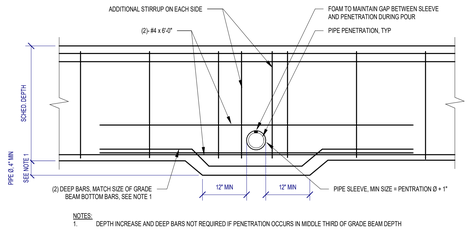
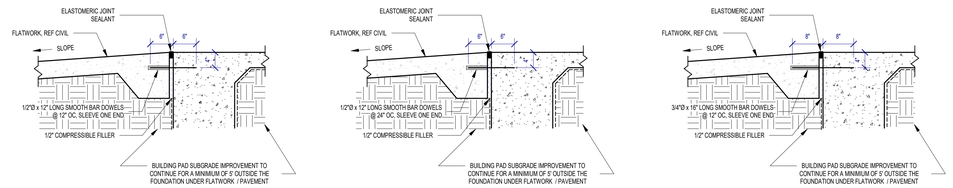
S500



NOTES:
1. DEPTH INCREASE AND DEEP BARS NOT REQUIRED IF PENETRATION OCCURS IN MIDDLE THIRD OF GRADE BEAM DEPTH

ELEVATION

1 TYPICAL HORIZONTAL PENETRATION IN BEAM
3/4" = 1'-0"



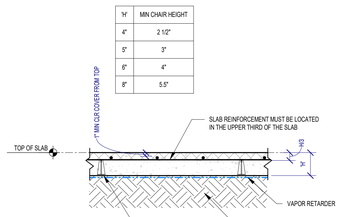
FLATWORK AT ENTRY DOOR

FLATWORK **NOT** AT ENTRY DOOR

FLATWORK AT PAVEMENT

NOTES:
1. CONTRACTOR TO SUBMIT TO OWNER, ARCHITECT AND ENGINEER THE PRODUCT DATA FOR THE ELASTOMERIC JOINT SEALANT WHICH MUST INCLUDE A RECOMMENDED MAINTENANCE PROGRAM FOR THE SEALANT.
2. REFERENCE ARCHITECTURE FOR ADA REQUIREMENTS.

2 TYPICAL FLATWORK AT BUILDING
3/4" = 1'-0"



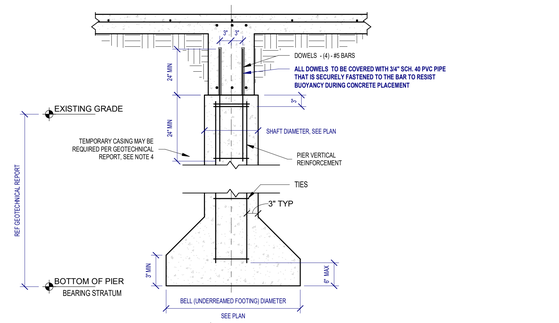
'H'	MIN CHAIR HEIGHT
4"	2 1/2"
5"	3"
6"	4"
8"	5.5"

TOLERANCES FOR SLAB-ON-GRADE CONSTRUCTION (BASED ON ACI 117-10):
1. DEVIATION FROM ELEVATION:
   A. TOP SURFACE OF SLAB: ± 3/4"
   B. FINE-VERSE OF SOG, IMMEDIATELY BELOW SLABS-ON-GROUND: ± 3/4"
2. THICKNESS OF SLABS-ON-GROUND:
   A. AVERAGE OF ALL SAMPLE: -3/8"
   B. INDIVIDUAL SAMPLE: -3/4"

3 TYPICAL SLAB-ON-GRADE SECTION1
3/4" = 1'-0"

NOTES:
1. GENERAL CONTRACTOR SHALL SUBMIT PLAN SHOWING LAYOUT OF ALL SLEEVES WITH FORMWORK SHOP DRAWING SUBMITTAL.
2. SLEEVES SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF THE SCHEDULED BEAM WIDTH.
3. GENERAL CONTRACTOR SHALL COORDINATE REQUIRED BEAM SLEEVES WITH MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTORS. REQUIRED SLEEVES MAY OR MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS.
4. CONTINUOUS BEAM REINFORCEMENT MAY BE SLIGHTLY DISPLACED (3" MAXIMUM) OR ADJACENT BARS BUNDLED (2 BAR BUNDLES MAXIMUM) TO FACILITATE SLEEVE INSTALLATION. DO NOT CUT, OFFSET, OR BEND REINFORCEMENT.
5. SLEEVES OCCURRING ON OPPOSITE SIDES OF A COLUMN MUST BE IN LINE.
6. THE OUTSIDE DIAMETER OF A SLEEVE MAY NOT EXCEED 20% OF THE SCHEDULED WIDTH OF THE BEAM THROUGH WHICH IT MUST PASS.
7. THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD WHEN A SLEEVE SIZE OR LOCATION DOES NOT MEET THE ABOVE CONDITIONS
8. SCHEDULED BEAM STIRRUPS NOT SHOWN FOR CLARITY.

4 TYPICAL VERTICAL PENETRATION IN GRADE BEAM
3/4" = 1'-0"



SHAFT DIAMETER (INCHES)	VERTICAL REINFORCMENT	TIES
12	(6) - #5	#3 @ 12" OC

NOTES:
1. EACH DRILLED PIER EXCAVATION MUST BE EXAMINED BY A REPRESENTATIVE OF THE PROJECT GEOTECHNICAL ENGINEER WHO IS FAMILIAR WITH THE GEOTECHNICAL ASPECTS OF THE SOIL STRATIGRAPHY, THE STRUCTURAL CONFIGURATION, FOUNDATION DESIGN DETAILS AND ASSUMPTIONS PRIOR TO PLACING CONCRETE. RE. THE GENERAL NOTES FOR MORE INFORMATION ON REQUIRED OBSERVATIONS.
2. CONSTRUCTION OF DRILLED PIERS SHALL FOLLOW ACI 336.1-01 (SPECIFICATION FOR THE CONSTRUCTION OF DRILLED PIERS).
3. DUE TO THE POTENTIAL VARIABILITY OF THE ON-SITE SOILS AND POTENTIAL GROUNDWATER FLUCTUATIONS, WE RECOMMEND THAT THE FOUR CORNER PIERS BE DRILLED FIRST TO BETTER EVALUATE THE CONSTRUCTABILITY OF THE DEPTH AND BELL TO SHAFT RATIOS RECOMMENDED HEREIN. ONCE THIS INFORMATION IS FIELD VERIFIED, ALL OTHER PIERS NEED TO BE CONSTRUCTED ACCORDINGLY.
4. THE DRILLED FOOTING EXCAVATIONS SHOULD BE FREE OF LOOSE MATERIALS AND WATER PRIOR TO CONCRETE PLACEMENTS, AND CONCRETE SHOULD BE POURED IMMEDIATELY AFTER DRILLING THE HOLES.
5. TEMPORARY CASINGS:
   A. WHERE NECESSARY, INSTALL WATERTIGHT STEEL CASINGS OF SUFFICIENT LENGTH AND THICKNESS TO PREVENT ENTRY OF SOIL OR WATER SEEPAGE INTO SHAFT; TO WITHSTAND COMPRESSIVE, DISPLACEMENT, AND WITHDRAWAL STRESSES; AND TO MAINTAIN STABILITY OF SHAFT WALLS. THE USE OF MUD SLURRY TO LUBRICATE CASINGS OR SEAL OFF WATER WILL BE ALLOWABLE ONLY WITH THE PRIOR APPROVAL OF THE PROJECT GEOTECHNICAL AND STRUCTURAL ENGINEERS. CASINGS MAY BE LEFT IN PLACE ONLY WITH PRIOR APPROVAL OF THE PROJECT GEOTECHNICAL AND STRUCTURAL ENGINEERS.
   B. CASING REMOVAL: PULL TEMPORARY CASING WITH A SLOW AND SMOOTH VERTICAL MOTION MAINTAINING CASING IN A PLUMB POSITION. CASING SHALL NOT BE PULLED UNTIL CONCRETE HAS BEEN PLACED TO A MINIMUM OF 5 FEET ABOVE EXTERNAL WATER OR SLURRY LEVEL OR LEVEL OF UNSTABLE SOIL. DURING PULLING MAINTAIN CONCRETE LEVEL A MINIMUM OF 5 FEET ABOVE BOTTOM OF CASING. VIBRATE TOP 5 FEET OF PIER AFTER TEMPORARY CASING IS REMOVED

5 TYPICAL BELLED PIER DETAIL_STIFFENED SLAB-ON-GRADE
3/4" = 1'-0"

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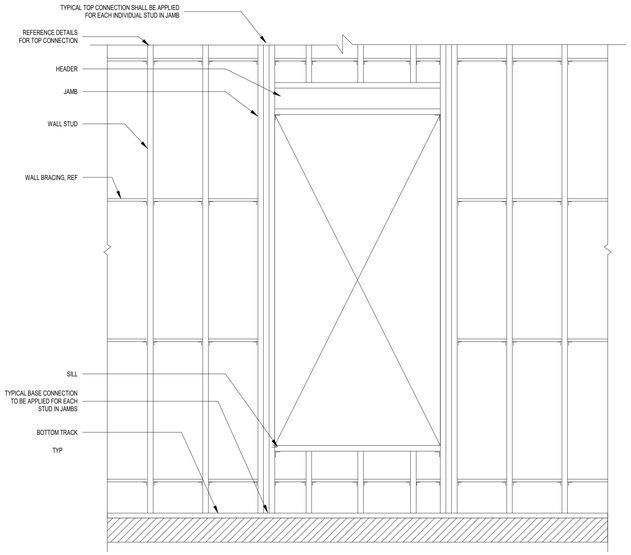
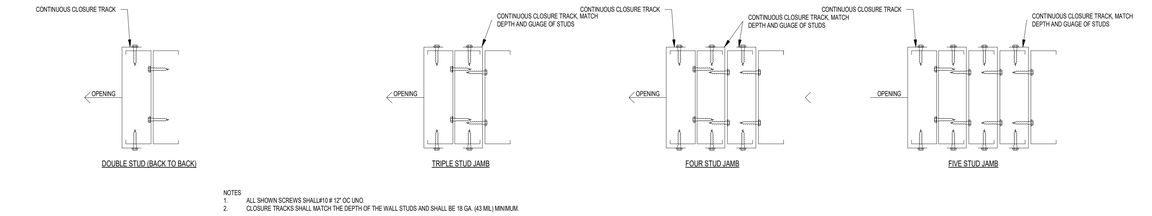
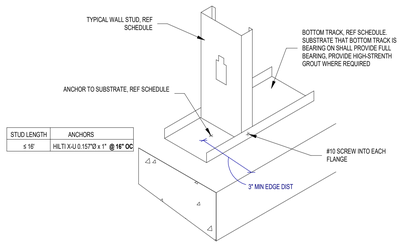


7 CFS- TYPICAL OPENING FRAMING
1" = 1'-0"



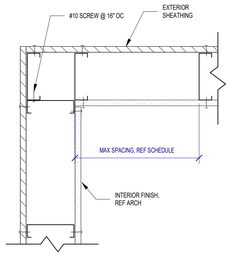
NOTES
1. ALL SHOWN SCREWS SHALL#10 @ 12" OC UNO.
2. CLOSURE TRACKS SHALL MATCH THE DEPTH OF THE WALL STUDS AND SHALL BE 18 GA. (43 MIL) MINIMUM.

6 CFS - TYPICAL JAMB CONFIGURATIONS Copy 1
1 1/2" = 1'-0"

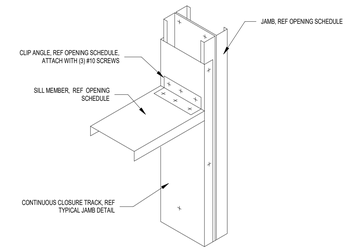


STUD LENGTH	ANCHORS
≤ 16"	HILTI X-U 0.157"Ø x 1" **@ 16" OC**

1 CFS - BOTTOM TRACK CONNECTION
1" = 1'-0"



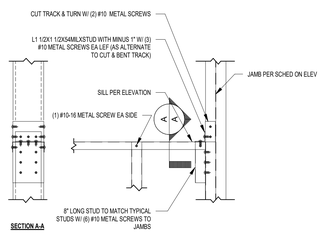
2 CFS - TYPICAL WALL CORNER FRAMING
1 1/2" = 1'-0"



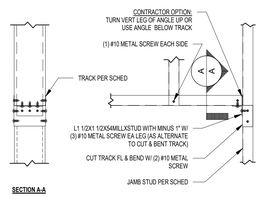
NOTES:
1. FOR BOX FRAMED SILLS, REF TYPICAL HEADER DETAIL

3 CFS - TYPICAL SILL DETAIL
1 1/2" = 1'-0"

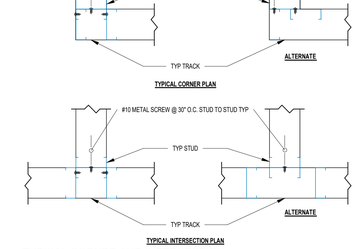
5 CFS - TYPICAL BOX HEADER
1" = 1'-0"



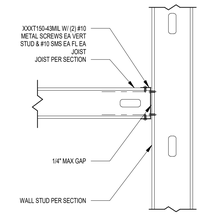
8 SINGLE TRACK SILL
1" = 1'-0"



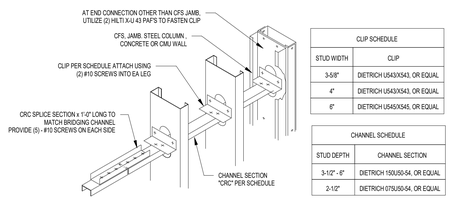
9 SINGLE TRACK HEADER
1" = 1'-0"



TYPICAL CORNER AND INTERSECTION FRAMING
1" = 1'-0"



11 JOIST WALL DETAIL
1" = 1'-0"



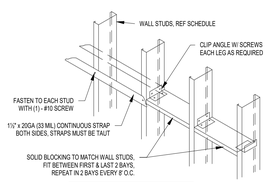
CLIP SCHEDULE	
STUD WIDTH	CLIP
3-5/8"	DIETRICH U543/X543, OR EQUAL
4"	DIETRICH U543/X543, OR EQUAL
6"	DIETRICH U545/X545, OR EQUAL

CHANNEL SCHEDULE	
STUD DEPTH	CHANNEL SECTION
3-1/2" - 6"	DIETRICH 150U50-54, OR EQUAL
2-1/2"	DIETRICH 075U50-54, OR EQUAL

AT CONTRACTORS OPTIONS SIMPSON STRONG-TIE SUBWS-5-33 BRIDGING SYSTEM MAY BE USED

CLIP AND BRIDGING WALL BRACING MAY ONLY BE USED FOR WALL 6" DEEP AND LESS

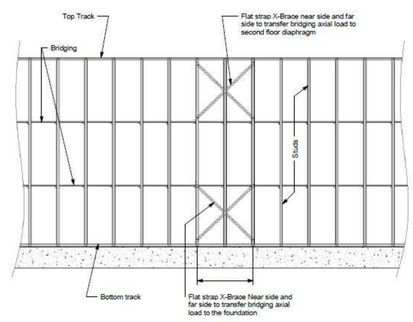
CLIP AND BRIDGING OPTION

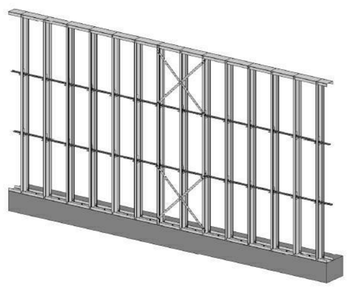


AT CONTRACTOR'S OPTION, STRAPS MAY BE OMITTED IF SOLID BLOCKING IS PROVIDE FOR THE FULL LENGTH OF THE WALL

STRAP AND BLOCKING WALL BRACING MAY BE USED WITH ALL STUD DEPTHS

FLAT STRAP AND BLOCKING OPTION





ANCHORAGE TO STRUCTURE

: BRACING FOR AXIAL LOADED STUDS REQUIRES PERIODIC ANCHORAGE TO THE STRUCTURE, SUCH AS USING STRONGBACKS OR DIAGONAL STRAP BRACING
: BRACING OF LATERALLY LOADED STUDS DOES NOT REQUIRE PERIODIC ANCHORAGE SINCE THE SYSTEM IS IN EQUILIBRIUM AS TORSION IN THE STUD IS RESISTED BY BRIDGING (E.G., U-CHANNEL) BENDING.

4 TYPICAL WALL BRACING
3/4" = 1'-0"

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TYPICAL CFS WALL DETAILS

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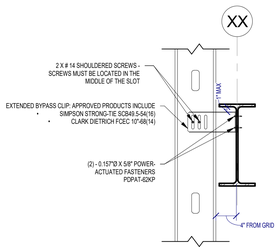
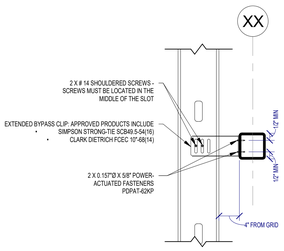
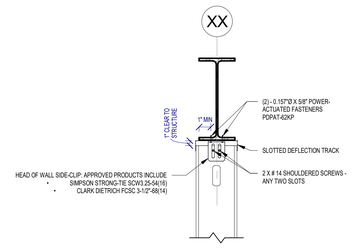


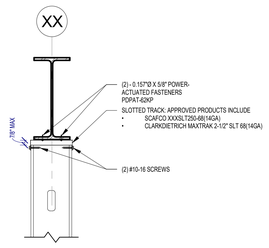
1 TYPICAL WF BEAM TO CFS STUD
1" = 1'-0"



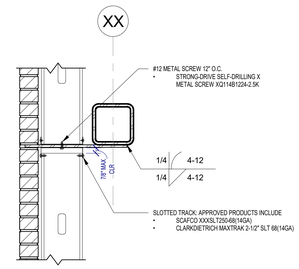
2 TYPICAL HSS BEAM TO CFS STUD
1" = 1'-0"



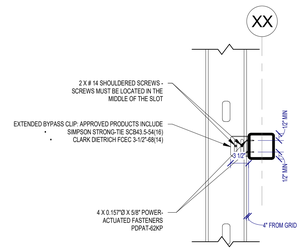
3 TYPICAL INTERRUPTED STUD TO BEAM OPTION A
1" = 1'-0"



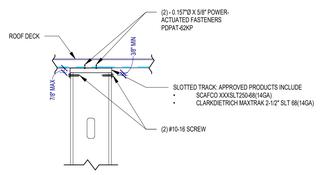
4 TYPICAL INTERRUPTED STUD TO BEAM OPTION B
1" = 1'-0"



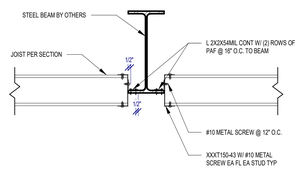
5 BRICK LEDGE
1" = 1'-0"



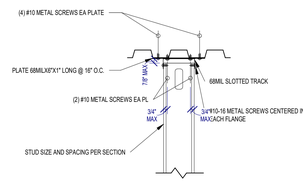
6 HSS BEAM TO CFS STUD SHORT CLIP
1" = 1'-0"



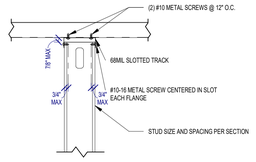
7 TYPICAL DEFLECTION TRACK TO ROOF DECK
1" = 1'-0"



8 SOFFIT CLIP TO LOW BEAM
1" = 1'-0"

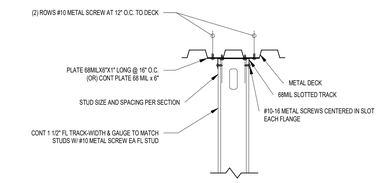


PARALLEL TO FLUTES

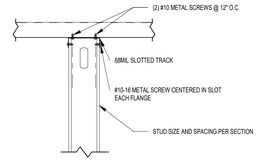


PERPENDICULAR TO FLUTES

9 SLOTTED TRACK TO DECK
1" = 1'-0"

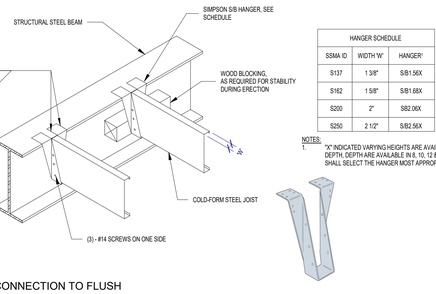


PARALLEL TO DECK



PERPENDICULAR TO DECK

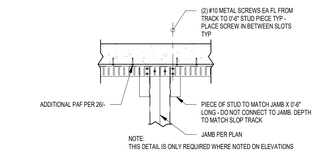
10 RIGID CONNECTION AT METAL DECK
1" = 1'-0"



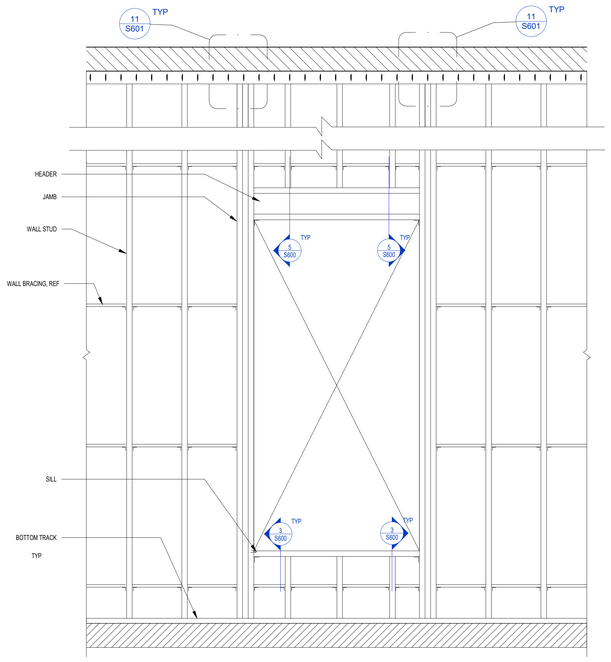
HANGER SCHEDULE		
SSMA ID	WIDTH 'W'	HANGER[1]
S137	1 3/8"	S/B1.56X
S162	1 5/8"	S/B1.68X
S200	2"	S/B2.06X
S250	2 1/2"	S/B2.56X

NOTES:
1. "X" INDICATED VARYING HEIGHTS ARE AVAILABLE BASED ON THE JOIST DEPTH. DEPTH ARE AVAILABLE IN 8, 10, 12 & 14" THE CONTRACTOR SHALL SELECT THE HANGER MOST APPROPRIATE FOR THE JOIST.

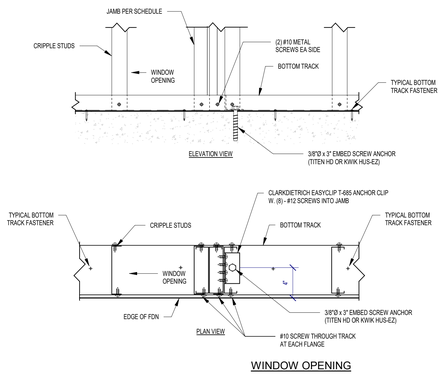
CFS - JOIST CONNECTION TO FLUSH STRUCTURAL STEEL BEAM
3/4" = 1'-0"



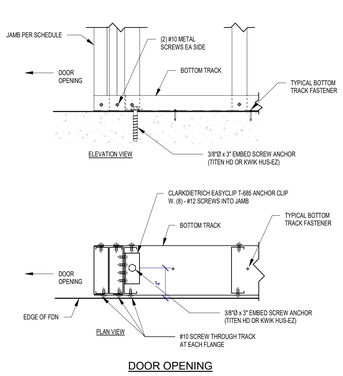
11 STRENGTHENING AT JAMB HEAD
1" = 1'-0"



13 TYPICAL OPENING FRAMING
1" = 1'-0"

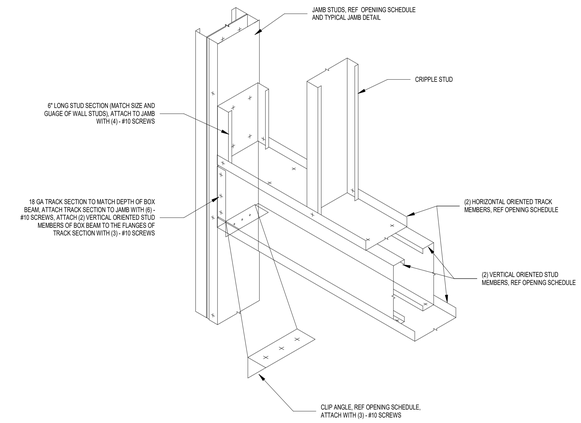


WINDOW OPENING



DOOR OPENING

14 JAMB CONNECTION AT SLAB
1 1/2" = 1'-0"



15 TYPICAL BOX HEADER
1 1/2" = 1'-0"

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TBPE Firm No. F-18877

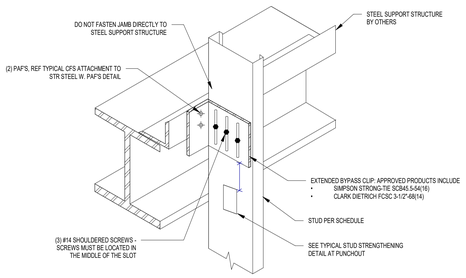
REVISIONS	
NUMBER	DATE

EL CAMPO ISD
EL CAMPO, TEXAS

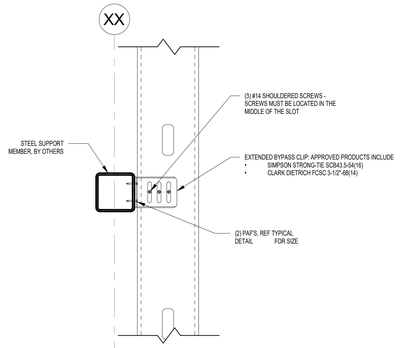
TYPCIAL CFS DETAILS (NON-LOAD BEARING)

Project Number:
20-202
Sheet issue date:
08/17/2020

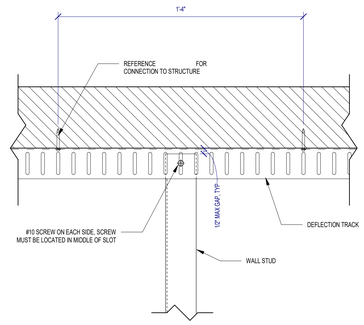
S601



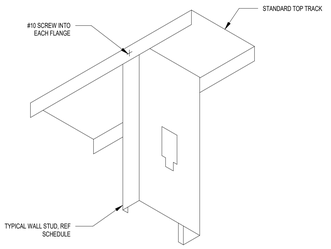
1 TYPICAL SLIDE BYPASS AT W-BEAM
3" = 1'-0"



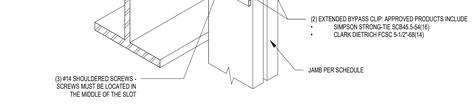
2 STUD BYPASS AT INTERMEDIATE SUPPORT MEMBER
1 1/2" = 1'-0"



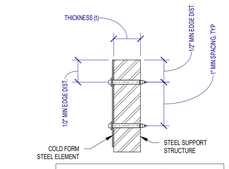
3 TYPICAL TOP CONNECTION AT DEFLECTION TRACK
3" = 1'-0"



4 STANDARD STUD TO TOP TRACK CONNECTION
1 1/2" = 1'-0"



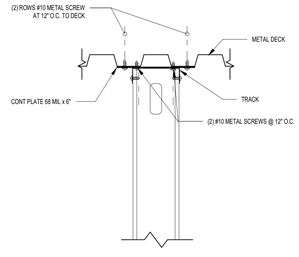
5 TYPICAL JAMB CONNECTION AT BYPASS SLIDE CONNECTION
3" = 1'-0"



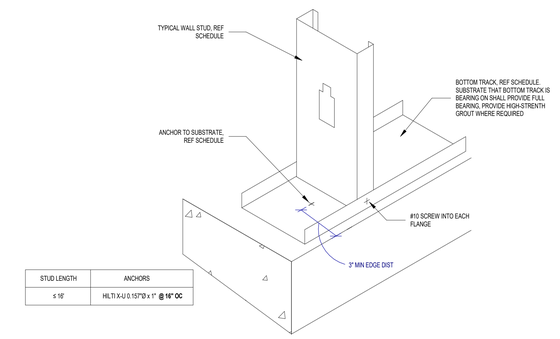
POWER ACTUATED FASTENER SCHEDULE	
t (in)	FASTENER
3/16" ≤ T < 1/2"	X-U 19 PBTH PAF
1/2" ≤ T < 3/4"	DS 27 P10 PAF

NOTES:
1. FASTENER DESCRIPTIONS. ALL FASTENERS ARE POWDER-ACUATED FASTENERS MFR'D BY HILTI, INC.:
   A. X-U 47
      a. UNIVERSAL KNURLED SHANK FASTENER WITH A SHANK DIAMETER OF 0.157"
   B. DS 47
      a. HEAVY DUTY SMOOTH SHANK FASTENER WITH A SHANK DIAMETER OF 0.177"
2. FASTENER INSTALLATION SHALL FOLLOW ALL SPECIFICATIONS PER THE MFR.

6 TYPICAL COLD FORM STEEL ATTACHMENT TO STR STEEL W. PAF'S
3/4" = 1'-0"

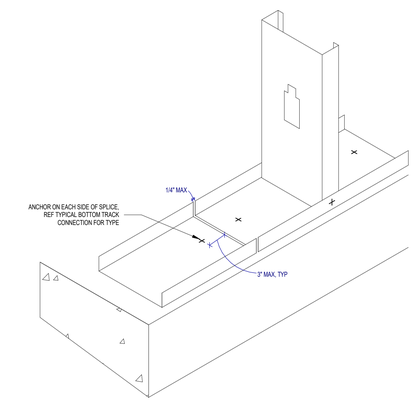


7 TYPICAL TOP TRACK CONNECTION TO METAL DECK
1 1/2" = 1'-0"

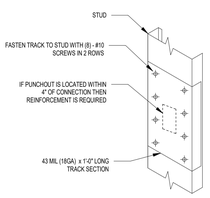


STUD LENGTH	ANCHORS
≤ 16'	HILTI X-U 0.157"Ø x 1" @ 16" OC

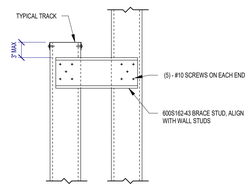
8 TYPICAL BOTTOM TRACK CONNECTION
1 1/2" = 1'-0"



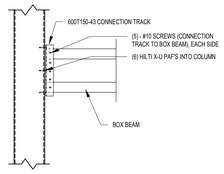
9 TYPICAL BOTTOM TRACK SPLICE
1 1/2" = 1'-0"



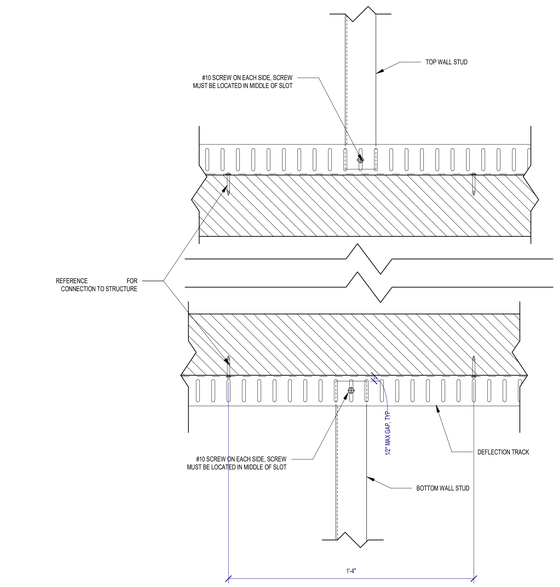
10 TYPICAL STUD REINFORCEMENT AT PUNCHOUT NEAR CONNECTION
3" = 1'-0"



11 WALL TO WALL BRACE
1" = 1'-0"



12 BOX BEAM CONNECTION TO HSS COLUMN
1" = 1'-0"



13 TYPICAL CONTINUOUS CONNECTION AT DEFLECTION TRACK
3" = 1'-0"

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REVISIONS	
NUMBER	DATE

EL CAMPO ISD
EL CAMPO, TEXAS

TYPCIAL CFS DETAILS (NON-LOAD BEARING)

Project Number:
20-202
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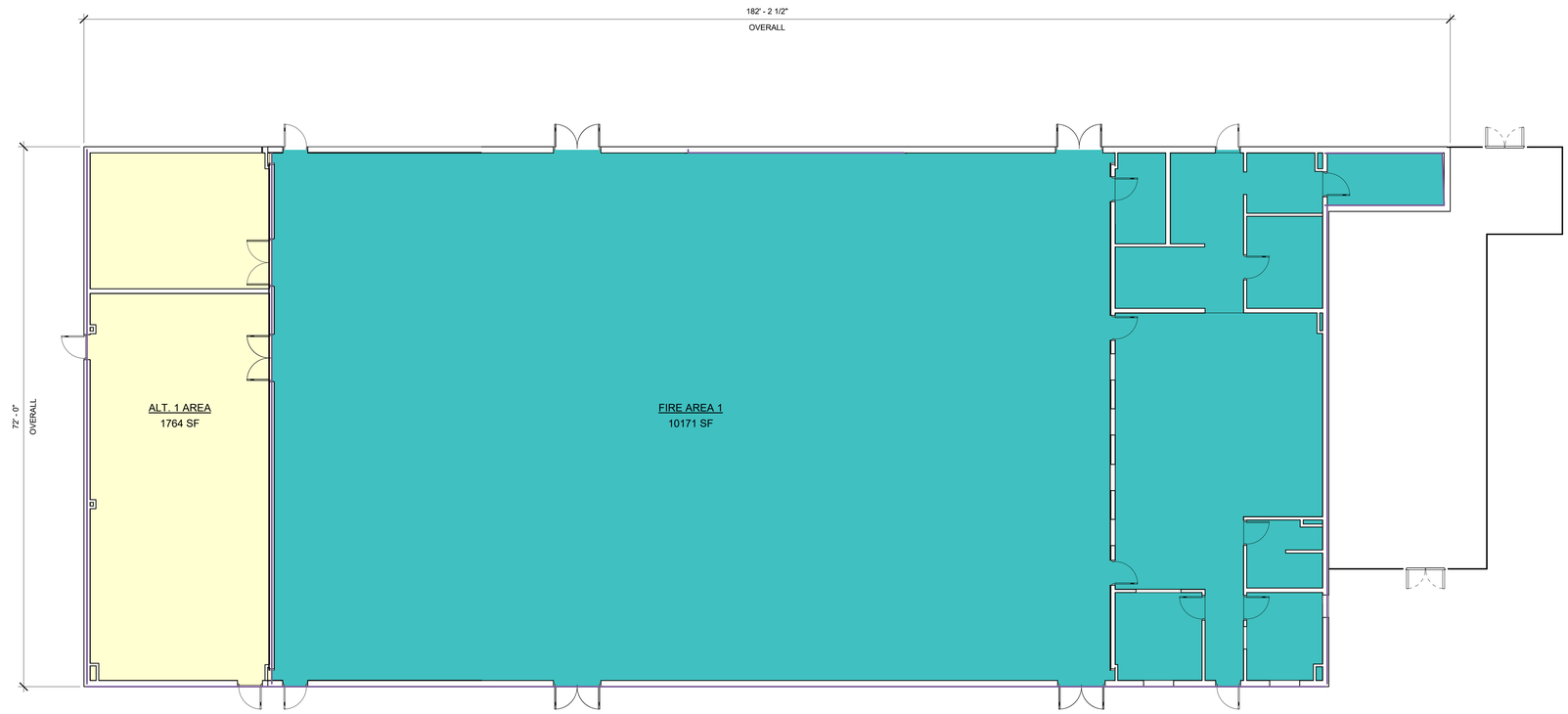
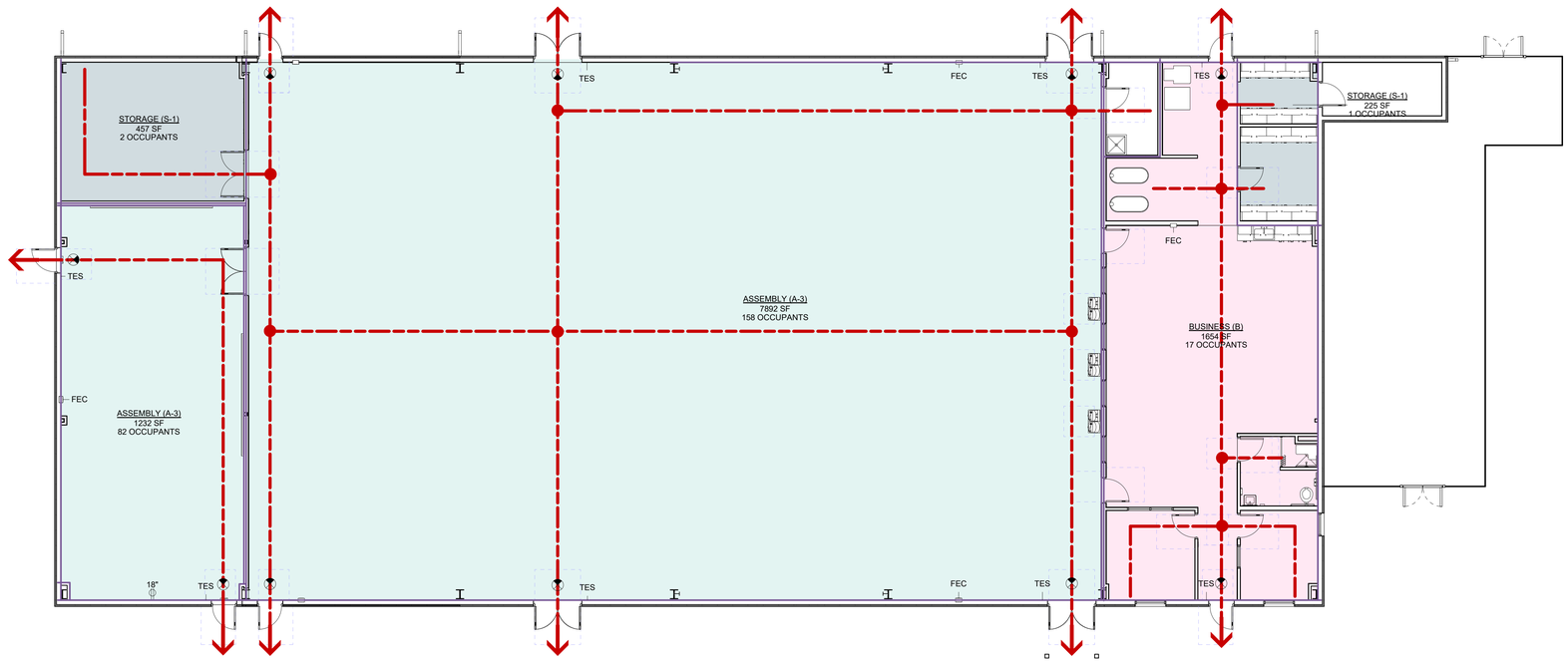
S602



2 **FIRE AREA PLAN**
1/8" = 1'-0"



1 **CODE REVIEW - AREA PLAN**
1/8" = 1'-0"

CODES USED FOR THIS REVIEW ARE:
2015 FAMILY OF THE INTERNATIONAL BUILDING CODES
NEC 2014
NFPA Life Safety 101
IECC 2015

WEIGHT ROOM / LOCKER ROOM CODE REVIEW

BUILDING AREA:
ASSEMBLY (A-3)
TYPE IIB CONSTRUCTION, NONCOMBUSTIBLE

508.2.4 Separation of Occupancies. No separation is required between accessory occupancies and the main occupancy.

TOTAL ALLOWABLE SF
ASSEMBLY (A-3) OCCUPANCY = 9,500 SF ALLOWABLE PER FIRE AREA (NO SPRINKLERS)
BUSINESS OCCUPANCY IS ACCESSORY TO ASSEMBLY OCCUPANCY

GROSS BUILDING SQUARE FOOTAGE = 12,414 SF, GREATER THAN ALLOWABLE

Aa = [At + (Ns x If)] x Sn
If = [F/P - .25]W/30
P = (182 + 182 + 86 +86) = 536
F = (182 + 86 + 86) = 354
W = ALL QUALIFYING SIDES HAVE W>30, W = 30
If = [354/536 - .25]30/30
If = [.66 - .25]30/30
If = [.41] x 30/30 = .41
Aa = [9500 + (9500x(.41)] x 1 = 1
Aa = 13,395 SF

GROSS BUILDING SQUARE FOOTAGE = 12,414 SF < 13,395 SF

EGRESS COMPONENTS:
EGRESS COMPONENTS ARE SIZED PER THE MAXIMUM POSSIBLE OCCUPANT LOAD OF ALL SPACES AS SHOWN IN THE CHART. 0.2" PER OCCUPANT IS PROVIDED FOR EACH MEANS OF EGRESS.

AREA SCHEDULE(GROSS BUILDING)	
NAME	AREA
FIRE AREA 1	10171 SF
ALT. 1 AREA	1764 SF
	11936 SF

AREA SCHEDULE (CODE REVIEW - OCCUPANCIES)			
NAME	AREA	OCCUPANT LOAD_AREA FACTOR	OCCUPANT LOAD FACTOR
STORAGE (S-1)	457 SF	300 SF	2
ASSEMBLY (A-3)	1232 SF	15 SF	83
BUSINESS (B)	1654 SF	100 SF	17
ASSEMBLY (A-3)	7892 SF	50 SF	158
STORAGE (S-1)	225 SF	300 SF	1
	11459 SF		261

WEIGHT ROOM / LOCKER ROOM = 261 OCCUPANTS
261 * .2" = **52.2"** 6 EXITS PROVIDED AT 32" & 4 EXITS PROVIDED AT 68" = **464" PROVIDED**

PER TABLE 1014.3, MAXIMIMUM TRAVEL DISTANCE TO EGRESS IS APPROXIMATELY 75' IN A BUILDING NOT EQUIPPED WITH AUTOMATIC FIRE SPRINKLERS.

THERE ARE NO DEAD END CORRIDORS.

PLUMBING FIXTURES:
STADIUM AND FIELD HOUSE:
A-5 OCCUPANCY STADIUM SEATING CAPACITY OF 5100
FIXTURE REQUIREMENTS HAVE BEEN REDUCED PER VARIANCE APPROVED BY EL CAMPO CITY COUNCIL APRIL 13, 2015
TOTAL FIXTURES PROVIDED:
WATER CLOSETS MALE OCCUPANTS HOME AND VISITOR COMBINED INCLUDING URNIALS 32 PROVIDED
WATER CLOSETS FEMALE OCCUPANTS HOMEAND VISITOR COMBINED 32 PROVIDED
LAVATORIES MALE OCCUPANTS HOME AND VISITOR COMBINED 9 PROVIDED
LAVATORIES FEMALE OCCUPANTS HOME AND VISITOR COMBINED 13 PROVEDED

WEIGHT ROOM: CALCULATED FIXTURE REQUIREMENTS,
ASSEMBLY (A3) OCCUPANTS = 261 MALES = 130 FEMALES = 131

REQUIRED:	WC'S,	1:125 MALE, 1:65 FEMALE	LAVS,1:200 MALE, 1:200 FEMALE	EDF, 1:1000
		MALE = 2 FEMALE = 3	MALE = 1 FEMALE = 1	REQUIRED = 1
PROVIDED:		MALE = 2 FEMALE = 3	MALE = 1 FEMALE = 1	PROVIDED = 6

SERVICE SINK: REQ'D FIXTURES = 1 ACTUAL PROVIDED = 1

PROVIDED: EL CAMPO ISD REQUESTS A FIXTURE REDUCTION VARIANCE FROM EL CAMPO CITY COUNCIL DUE TO NON-CONCURRENT USE OF THE WEIGHT ROOM AND STADIUM FACILITES.

EXIT. EACH ARROW REPRESENTS EGRESS PASSAGE THROUGH A: 36" DOOR AND CALCULATED AS 32" OF CLEAR PASSAGE 32" / 0.2" PER OCCUPANT = 160 EGRESSING OCCUPANTS OR B: 72" DOOR AND CALCULATED AS 68" OF CLEAR PASSAGE 68" / 0.2" PER OCCUPANT = 340 EGRESSING OCCUPANTS

EGRESS PATH

EGRESS DECISION POINT

ILLUMINATED EXIT SIGN (SIGN DIRECTION IS BLACK)

TES — TACTILE EXIT SIGN

FEC — FIRE EXTINGUISHER CABINET LOCATIONS, REFER PLAN (NOTE: FINAL QUANTITY AND LOCATION TO BE DETERMINED BY LOCAL AUTHORITY HAVING JURISDICTION. MOUNT WHERE INSTRUCTED WITH BOTTOM EDGE OF CABINET NO GREATER THAN 27" A.F.F. IN LOCATIONS WHERE CABINETS PROJECT GREATER THAN 4" FROM FACE OF WALL.

PER TABLE 906.3(1) OF 2015 IFC, ONE CLASS A FIRE EXTINGUISHER IS REQUIRED PER 11,250 SF OF FLOOR AREA AND THE TRAVEL DISTANCE CANNOT BE GREATER THAN 75 FEET.

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PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION

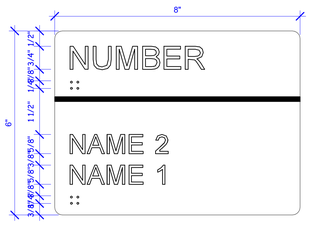
REVISIONS	
NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

CODE REVIEW - AREA PLAN

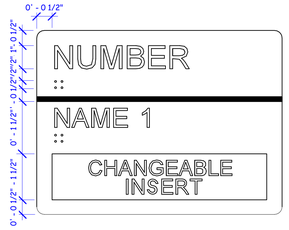
Project Number:
201924
Sheet issue date:
2020.08.21

A001



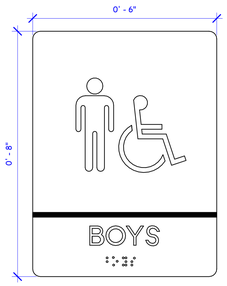
TYPE A:
INTERIOR ROOM IDENTIFICATION

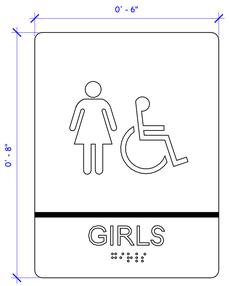
NOTES:
1. 1/4" Radius corners
2. Sign is 1/8" acrylic with .03" laminate face
3. Raised text/numbers chemically welded through laminate to core
4. Grade 2 Braille translation
5. 1/8" Demarcation line, engraved and painted to match text
6. Line for additional text (if needed)



TYPE B:
INTERIOR CHANGEABLE MESSAGE ROOM

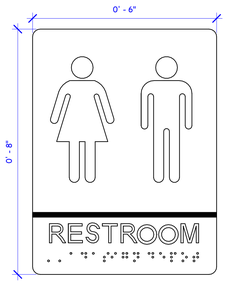
NOTES:
1. 1/4" Radius corners
2. Sign is 1/8" acrylic with .03" laminate face
3. Raised text/numbers chemically welded through laminate to core
4. Grade 2 Braille translation
5. 1/8" Demarcation line, engraved, painted
6. Window for changeable message insert





TYPE C:
RESTROOM IDENTIFICATION

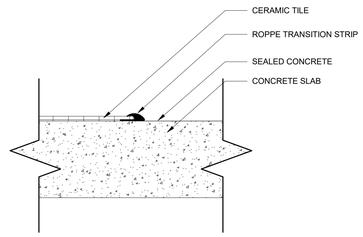
NOTES:
1. 1/4" Radius corners
2. Sign is 1/8" acrylic with .03" laminate face
3. Raised Pictogram chemically welded through laminate to core, in a 6" x 6" field
4. 1/8" Demarcation line, engraved, painted
5. 1/32" Raised ADA Text chemically welded through laminate to core
6. Grade 2 Braille translation



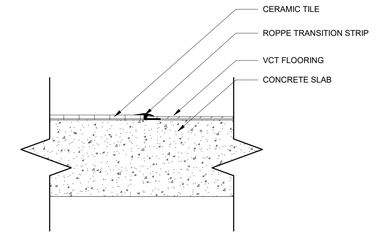
***60" A.F.F. MAXIMUM**

***48" A.F.F. MINIMUM**

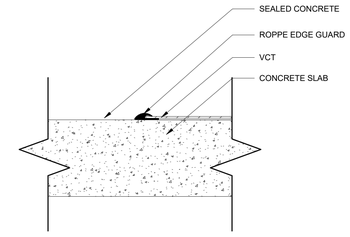
6 Room Signage
6" = 1'-0"



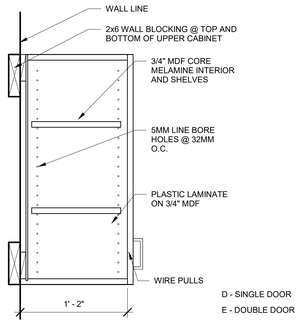
9 FLOOR, TRANSITION STRIP - CERAMIC TILE TO SEALED CONCRETE
3" = 1'-0" REF:



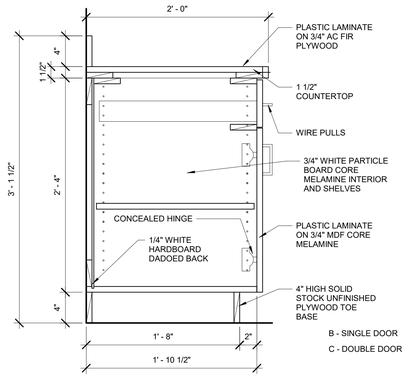
8 FLOOR, TRANSITION STRIP - CERAMIC TILE TO VCT
3" = 1'-0"



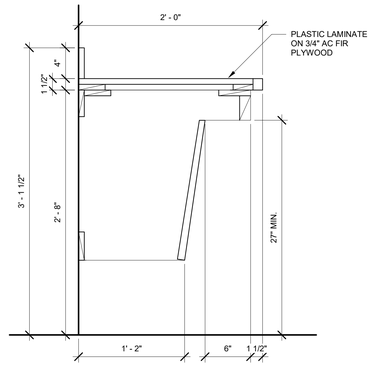
7 FLOOR, TRANSITION STRIP - SEALED CONCRETE TO VCT
3" = 1'-0"



5 CASEWORK, UPPER CABINET (TYP) TYPE D & E
1 1/2" = 1'-0"



4 CASEWORK, BASE CABINET WITH DRAWER (TYP) TYPE B & C
1 1/2" = 1'-0"



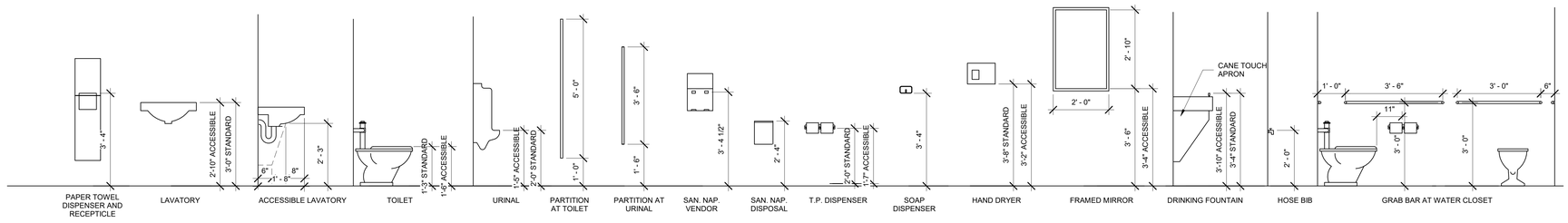
3 CASEWORK, ACCESSIBLE COUNTER (TYP) TYPE A
1 1/2" = 1'-0"

EXIT

703.4.1 HEIGHT ABOVE FINISH FLOOR OR GROUND
TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.

703.4.2 LOCATION
WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

2 SIGN, TACTILE
3" = 1'-0"



1 STANDARD FIXTURE HEIGHTS
1/2" = 1'-0"

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EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

TYPICAL DETAILS - MILLWORK / INTERIOR MISC.

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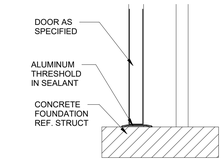
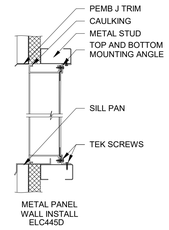
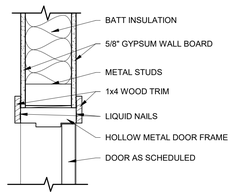
A002



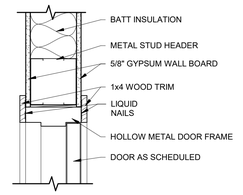
11 **HOLLOW METAL DOOR FRAME**
1 1/2" = 1'-0"



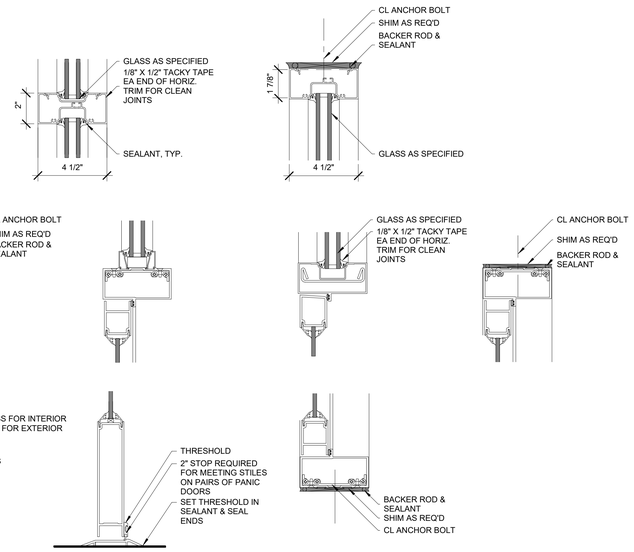
10 **LOUVER DETAIL - METAL PANEL WALL**
1 1/2" = 1'-0"



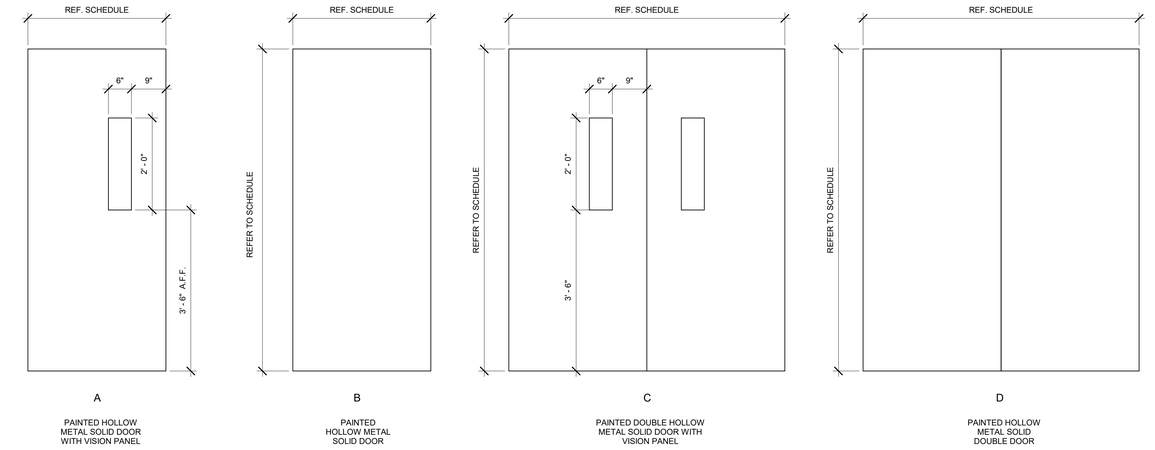
9 **HM DOOR JAMB - STUD/GYP**
1 1/2" = 1'-0"



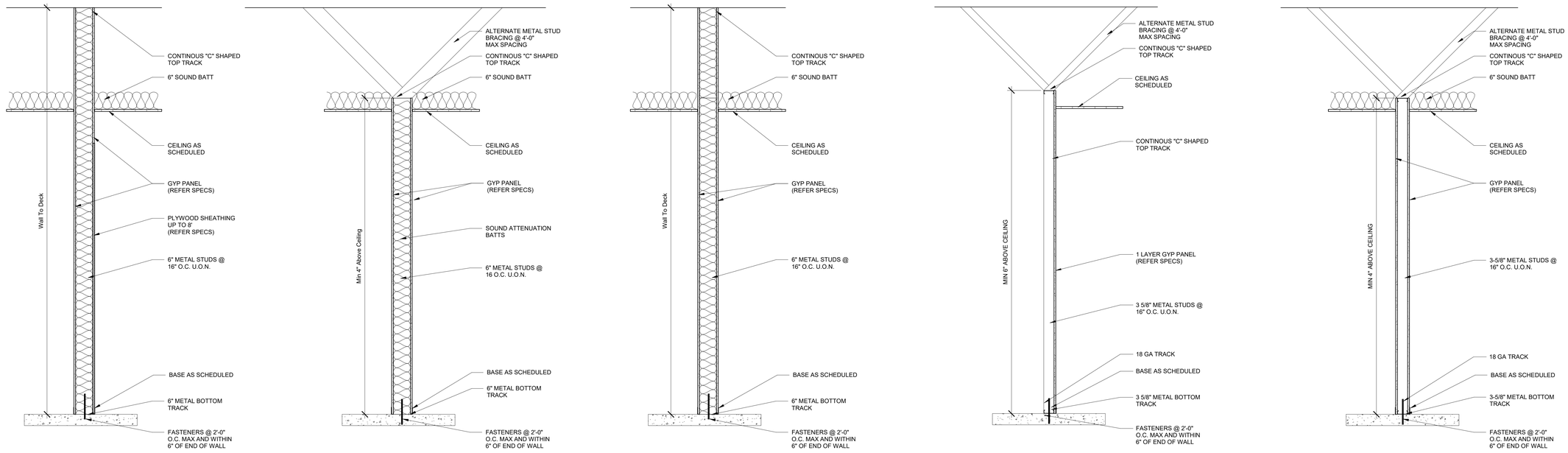
8 **HM DOOR HEAD - STUD/GYP**
1 1/2" = 1'-0"



7 **STOREFRONT DETAILS**
3" = 1'-0"



6 **TYPICAL DOOR**
3/4" = 1'-0"



5 **PARTITION TYPE '6K'**
3/4" = 1'-0"

4 **PARTITION TYPE '6B'**
3/4" = 1'-0"

3 **PARTITION TYPE '6A'**
3/4" = 1'-0"

2 **PARTITION TYPE '3L'**
3/4" = 1'-0"

1 **PARTITION TYPE '3B'**
3/4" = 1'-0"

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NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

TYPICAL DETAILS - OPENINGS

Project Number:
201924
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A003

STOREFRONT SCHEDULE			
MARK	DESCRIPTION	Comments	COUNT
SF1	Tri-Fab 451 Anodized Aluminum	2' 2" x 5'	18
SF2	Tri-Fab 451 Anodized Aluminum	4' x 4'	2
SF3	Tri-Fab 451 Anodized Aluminum	4' x 3'	2
SF4	Tri-Fab 451 Anodized Aluminum	4' x 3' 6"	1
SF5	Tri-Fab 451 Anodized Aluminum	4' x 6'	4

CASEWORK SCHEDULE						
TYPE MARK	DESCRIPTION	WIDTH	DEPTH	HEIGHT	COUNT	COMMENTS
A	ADA SINK BASE	3' - 0"	2' - 0"	2' - 8 1/2"	1	
B	SINGLE DOOR WITH DRAWER	1' - 9"	2' - 0"	2' - 8 1/2"	2	
C	DOUBLE DOOR WITH DRAWER	2' - 9"	2' - 0"	2' - 8 1/2"	2	
C	DOUBLE DOOR WITH DRAWER	3' - 0"	2' - 0"	2' - 8 1/2"	3	
C	DOUBLE DOOR WITH DRAWER	3' - 3"	2' - 0"	2' - 8 1/2"	9	
D	SINGLE DOOR - UPPER CABINET	1' - 9"	1' - 2"	2' - 6"	2	
E	UPPER, DOUBLE DOOR	3' - 0"	1' - 2"	2' - 0"	4	
E	UPPER, DOUBLE DOOR	3' - 3"	1' - 2"	2' - 0"	9	
FSB1	FILLER STRIP - BASE	0' - 2"	2' - 0"	2' - 8 1/2"	5	
FSB2	FILLER STRIP - BASE	0' - 2 1/2"	2' - 0"	2' - 8 1/2"	4	
FSU1		0' - 2"	1' - 2"		5	
FSU2	FILLER STRIP - UPPER	0' - 2 1/2"	1' - 2"	2' - 0"	4	

SPECIALTY EQUIPMENT SCHEDULE (CONTRACTOR PROVIDED)				
TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL	COUNT
D-1	COMMERCIAL TUMBLE DRYER	ALLIANCE LAUNDRY	UNIMAC UT 75	1
DS	DOWNSPOUT	-	-	6
FEC	SEMI-RECESSED FIRE EXTINGUISHER	ACTIVAR CONSTRUCTION PRODUCTS GROUP	1710	6
GB1	GRAB BAR, 42"	BRADLEY	817 SERIES	2
GB2	GRAB BAR, 36"	BRADLEY	817 SERIES	1
MB16	MARKER BOARD, 16"	MOORECO	202-AJ ASSEMBLY	2
MIR	ADA MIRROR	BRADLEY	780-2436	1
PT	PAPER TOWEL DISPENSER	BRADLEY	2495 ROLL	1
RS	ROOM SIGN	VISITOUCH	DURADOT	10
SC	SHOWER ROD & CURTAIN	BOBRICK	204-3	1
SD	SOAP DISPENSER	BOBRICK	CONTURA	1
TES	TACTILE EXIT SIGN	VISITOUCH	TYPE E	10
TP1	TOILET PAPER DISPENSER	BRADLEY	5241	1
W-1	COMMERCIAL WASHING MACHINE	ALLIANCE LAUNDRY	UNY070	1

FURNITURE SCHEDULE (OWNER PROVIDED)				
TYPE MARK	DESCRIPTION	Manufacturer	Model	COUNT
BEN	DELUXE ADJUSTABLE BENCH W/ WHEELS	PROMAXIMA	FW-150	4
HR	DELUXE HALF RACK	PROMAXIMA	PL-840	6
HR2	DELUXE DOUBLE SIDED HALF RACK	PROMAXIMA	PL-340	12
IM	ICE MACHINE	MANITOWOC ICE	3E344	1
LAT	HI LAT PULL WITH CABLE ROW	PROMAXIMA	FW-4	2
LP	INVERTED LEG PRESS	PROMAXIMA	PL-118	1
NM	NECK MACHINE	PROMAXIMA	FW-33	2
PLP	POWER LIFT PLATFROM	PROMAXIMA	FW-149	30
RCM	TRAINING RECOVERY MAT			1
RHM	REHAB MACHINE			3
TM	TRAINING MAT			6
TT	TRAINING TABLE	CLINTON INDUSTRIES	TM68045	4
WP	WHIRLPOOL TUB	MEDCO SPORTS MEDICINE	Model S-110-S	2
WR	DUMBELL WEIGHT RACK	PROMAXIMA	PL-504	2

DOOR SCHEDULE									
DOOR #	TO ROOM	FROM ROOM	DOOR TYPE	WIDTH	HEIGHT	FRAME TYPE	PANIC	WTHR STRIP	DESCRIPTION
100A		100	A	3' - 0"	7' - 0"	HM	Yes	Yes	
100B		100	C	6' - 0"	7' - 0"	HM	Yes	Yes	
100C		100	C	6' - 0"	7' - 0"	HM	Yes	Yes	
100D		100	A	3' - 0"	7' - 0"	HM	Yes	Yes	
100E		100	C	6' - 0"	7' - 0"	HM	Yes	Yes	
100F		100	C	6' - 0"	7' - 0"	HM	Yes	Yes	
101A	101	100	A	3' - 0"	7' - 0"	HM	No	No	
101B	101	100	A	3' - 0"	7' - 0"	HM	No	No	
101C		101	A	3' - 0"	7' - 0"	HM	Yes	Yes	
101D		101	A	3' - 0"	7' - 0"	HM	Yes	Yes	
102A	102	101	A	3' - 0"	7' - 0"	HM	No	No	
103A	103	101	A	3' - 0"	7' - 0"	HM	No	No	
104A	104	101	B	3' - 0"	7' - 0"	HM	No	No	
106A	105	101	A	3' - 0"	7' - 0"	HM	No	No	
107A	107	106	D	3' - 0"	7' - 0"	HM	No	No	
108A	108	100	D	3' - 0"	7' - 0"	HM	No	No	
109A		100	C	6' - 0"	7' - 0"	HM	No	No	
110A		100	C	6' - 0"	7' - 0"	HM	No	No	
110B		110	A	3' - 0"	7' - 0"	HM	Yes	Yes	
110C		110	A	3' - 0"	7' - 0"	HM	Yes	Yes	

FINISHES					
TAG	DESCRIPTION	MANUFACTURER	FINISH/STYLE	COLOR	COMMENT
GT1	GROUT - FLOOR TILE	LATICRETE		78 STERLING SILVER	FLOOR TILE FIELD GROUT
GT2	GROUT - FLOOR TILE	LATICRETE		22 MIDNIGHT BLACK	FLOOR TILE ACCENT GROUT
SC	SEALED CONCRETE	-	-	-	
T1	CERAMIC TILE - FLOOR	AMERICAN OLEAN	SPECKLED	LIGHT SMOKE SPECKLED A04	FIELD TILE - FLOOR, 2"X2" MOSAIC
T2	CERAMIC TILE - FLOOR	AMERICAN OLEAN		BLACK A34	BORDER/ACCENT TILE - FLOOR, 2"X2" MOSAIC
VCT1	VINYL COMPOSITION TILE	ARMSTRONG	STD. EXCELON	51904S STERLING	PRIMARY VCT
VCT2	VINYL COMPOSITION TILE	ARMSTRONG	STD. EXCELON	57534 RUBY RED	SECONDARY VCT
VCT3	VINYL COMPOSITION TILE	ARMSTRONG	STD. EXCELON	51910 CLASSIC BLACK	TERTIARY VCT
B1	RUBBER BASE	ROPPE	RUBBER	186 RED	PRIMARY WALL BASE, 4" COVE WITH STANDARD TOE
CT1	TILE	AMERICAN OLEAN	MATTE	ICE WHITE 0025	SHOWER WALL TILE
FRP	FIBERGLASS REINFORCED PLASTIC	CRANE COMPOSITES	SANDSTONE TEXTURE	MORENING MIST GRAY (636)	FRP FOR WET AREA WALLS & RR
GT3	GROUT - WALL TILE	LATICRETE		44 BRIGHT WHITE	WALL TILE GROUT
P1	PAINT	SHERWIN WILLIAMS	SATIN	SW 7663 MONORAIL SILVER	PRIMARY WALL COLOR
P2	PAINT	SHERWIN WILLIAMS	SATIN	SW 6868 REAL RED	ACCENT COLOR
P3	PAINT	SHERWIN WILLIAMS	SATIN	SW 6258 TRICORN BLACK	ACCENT PAINT & PEMB FRAMES
P4	PAINT	SHERWIN WILLIAMS	SATIN	SW 7005 PURE WHITE	CEILING COLOR
P5	PAINT	SHERWIN WILLIAMS	SATIN	SW 7669 SUMMIT GRAY	HM DOORS INTERIOR
PLAM1	PLASTIC LAMINATE	WILSONART	FINE VELVET	4830K-18 SATIN STAINLESS	COUNTERTOPS, CABINETS, DOORS
PLAM2	PLASTIC LAMINATE	WILSONART	FINE VELVET	WHITE CASCADE 5003-38	COUNTERS
RUB	1" RUBBER FLOORING	PROMAXIMA		CARDINALS ES104	PROVIDED BY OWNER

ROOM SIGNAGE SCHEDULE					
ROOM NUMBER	ROOM NAME	TYPE	NAME 1	NAME 2	COMMENTS
101	TRAINING	A	TRAINING ROOM	-	
101	TRAINING	A	TRAINING ROOM	-	
102	OFFICE	B	OFFICE	-	
103	OFFICE	B	OFFICE	-	
104	RESTROOM	C	RESTROOM	-	
105	STO 2	A	STORAGE	-	
106	STO 1	A	STORAGE	-	
108	JANITOR	A	JANITOR	-	
109	STORAGE	A	STORAGE	-	
110	MEETING ROOM	A	MEETING ROOM	-	

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EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

SCHEDULES

Project Number:
201924
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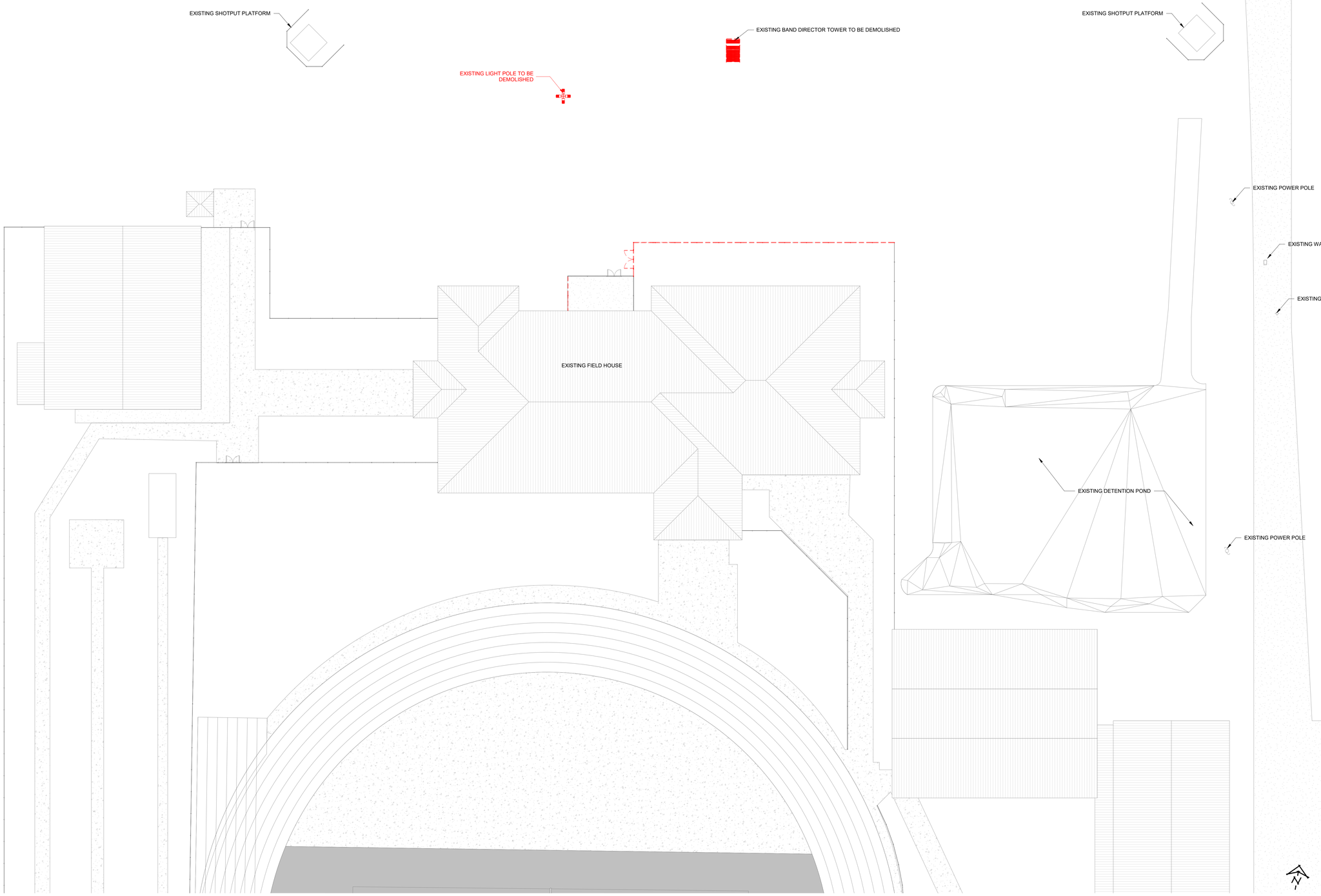

1 **DEMO SITE PLAN - ENLARGED**
1/16" = 1'-0"

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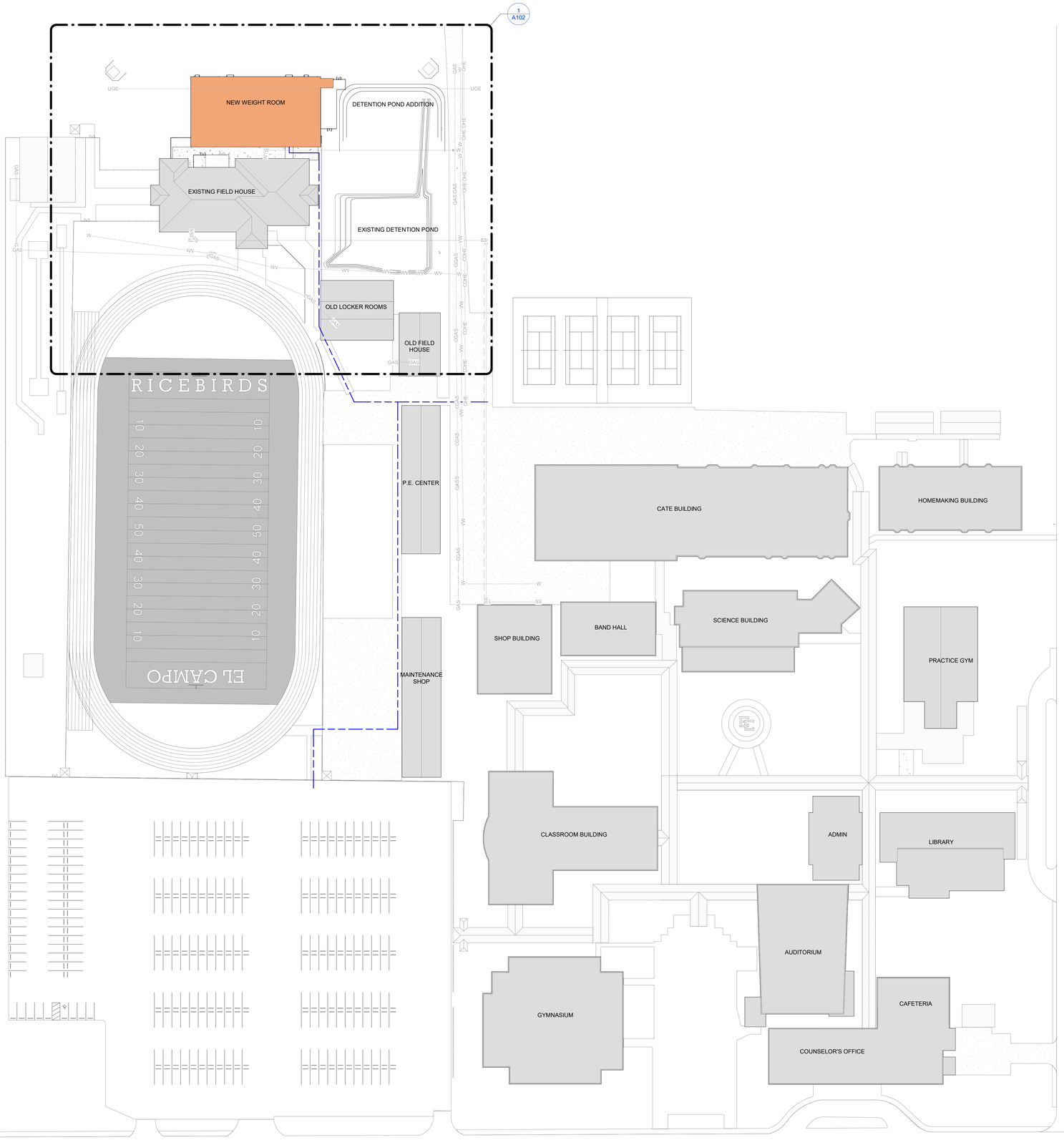
DEMO SITE PLAN - ENLARGED

Project Number: 201924
Sheet issue date: 2020.08.21

A100



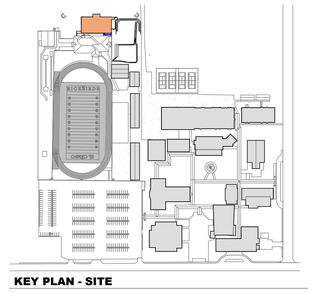
1 **SITE PLAN**
1" = 50'-0"

PHASING LEGEND

SYMBOL	DESCRIPTION
	EXISTING TO REMAIN
	NEW WORK

SITE PLAN LEGEND

SYMBOL	DESCRIPTION
	ACCESSIBILITY ROUTE TO PUBLIC WAY



KEY PLAN - SITE

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EL CAMPO ISD WEIGHT ROOM

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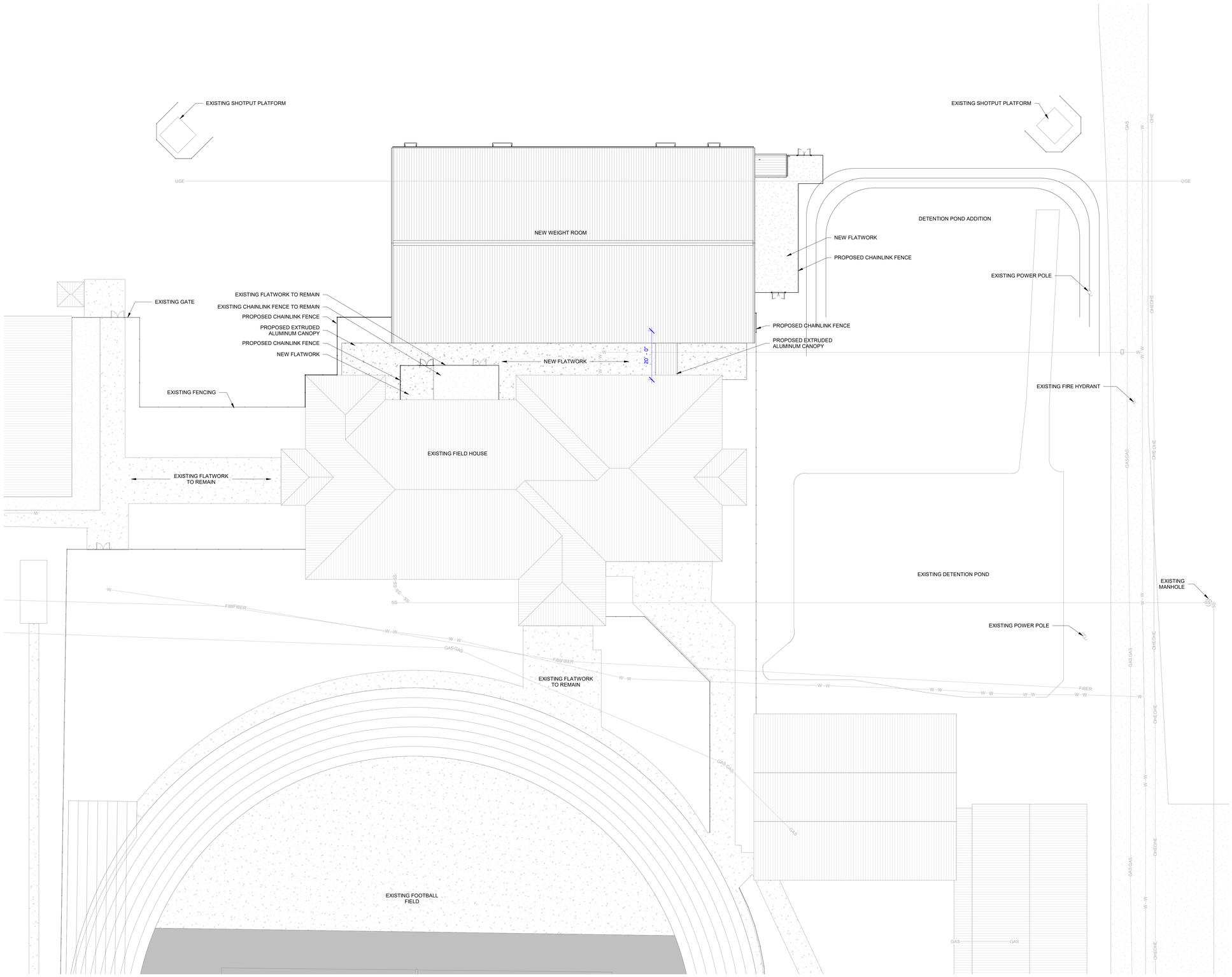
OVERALL SITE PLAN

Project Number: 201924
Sheet issue date: 2020.08.21

A101



1 **SITE PLAN - ENLARGED**
1/16" = 1'-0" REF. A101 / 1

GENERAL SITE PLAN NOTES

1. REFER TO SPECS FOR ADDITIONAL INFORMATION.
2. PROTECT ALL EXISTING TREES AND LANDSCAPING TO REMAIN
3. CONSTRUCTION TO CONFORM TO ALL APPLICABLE CODES IN THE STATE OF TEXAS INCLUDING ICC AND TDLR-TAS STANDARDS.
4. PLAN PROVIDED FOR COORDINATION PURPOSES ONLY FOR IDENTIFICATION OF BUILDING LOCATION AND ITS FEATURES WITHIN THE CONTECT OF THE SITE AND ITS FEATURES.
5. ALL SITE UTILITIES SHOWN FOR REFERENCE ONLY. REFER TO CIVIL PLANS FOR TRUE LOCATIONS OF THE SITE UTILITIES AND UTILITY RELATED WORK.
6. ALL PAVING SHOWN FOR REFERENCE ONLY. REFER TO CIVIL PLANS FOR INFORMAION REGARDING PAVING MATERIALS, SIZING, LOCATION, COMPOSITION, CONSTRUCTION, CURB LOCATIONS, AND PARKING COUNTS.
7. ALL SITE LIGHTING SHOWN FOR REFERENCE ONLY. REFER TO CIVIL AND ELECTRICAL PLANS FOR INFORMATION REGARDING PERTAINING TO SITE LIGHTING LOCATIONS, PRODUCT SPECIFICATIONS, UTILITY WORK, AND ILLUMINATION DESCRIPTION.
8. REFER TO CIVIL FOR LANDSCAPE INFORMATION REGARDING GRADING, DRAINAGE, EROSION, AND ENVIRONMENTAL REQUIREMENTS.
9. REFER TO CIVIL FOR LANDSCAPE INFORMATION AND IDENTIFICATION.
10. ALL MECHANICAL, ELECTRICAL, AND PLUMBING FIXTURES ARE SHOWN FOR LOCATION AND REFERENCE ONLY. REFER TO MEP DRAWINGS AND SCHEDULES FOR SPECIFIC INFORMATION.
11. UNLESS SHOWN AS DEMO ALL TREES ARE TO REMAIN PROTECTED THROUGHOUT CONSTRUCTION.

SITE PLAN LEGEND

SYMBOL	DESCRIPTION
	OVERHEAD ELECTRIC POLE
	FIRE HYDRANT
	MANHOLE

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SITE PLAN - ENLARGED

Project Number:
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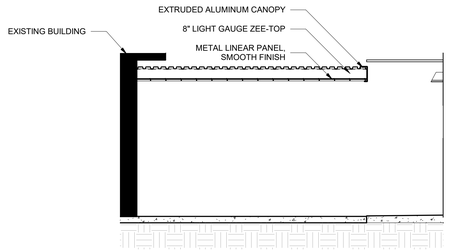
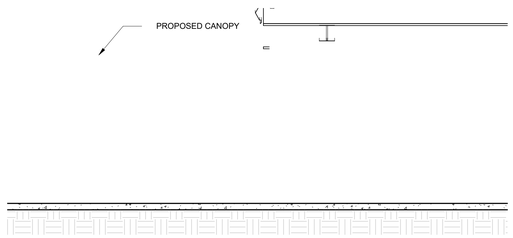
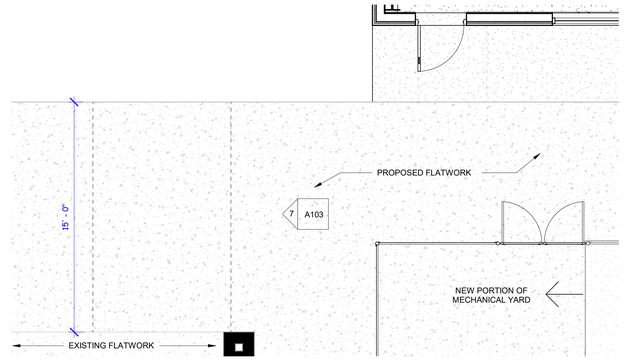
A102



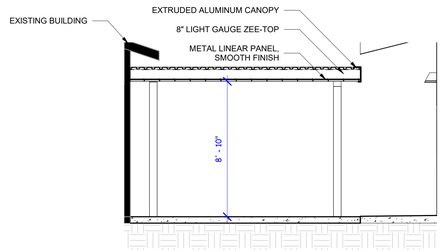
7 **DETAIL - COVERED WALKWAY**
1/4" = 1'-0" REF: A103 / 5



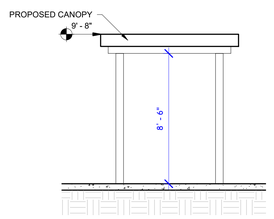
6 **DETAIL - COVERED WALKWAY**
1/4" = 1'-0"



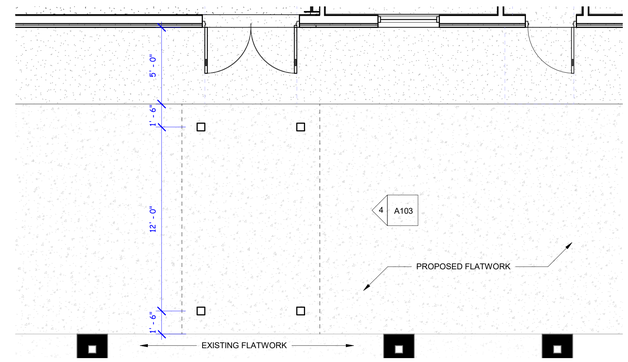
5 **COVERED WALKWAY - COLUMN SPACING**
1/4" = 1'-0" REF: A103 / 1



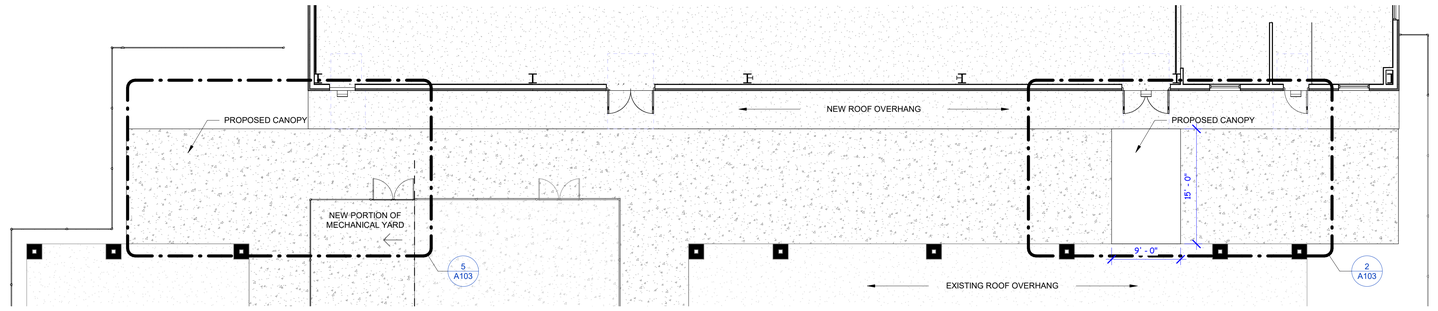
4 **DETAIL - COVERED WALKWAY**
1/4" = 1'-0" REF: A103 / 2



3 **DETAIL - COVERED WALKWAY**
1/4" = 1'-0"



2 **COVERED WALKWAY - COLUMN SPACING**
1/4" = 1'-0" REF: A103 / 1



1 **SITE PLAN - COVERED WALKWAY**
1/8" = 1'-0"

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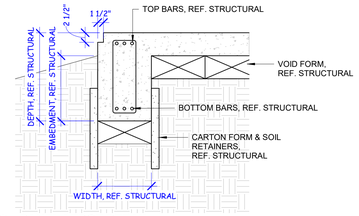
CANOPY DETAILS

Project Number:
201924
Sheet issue date:
2020.08.21

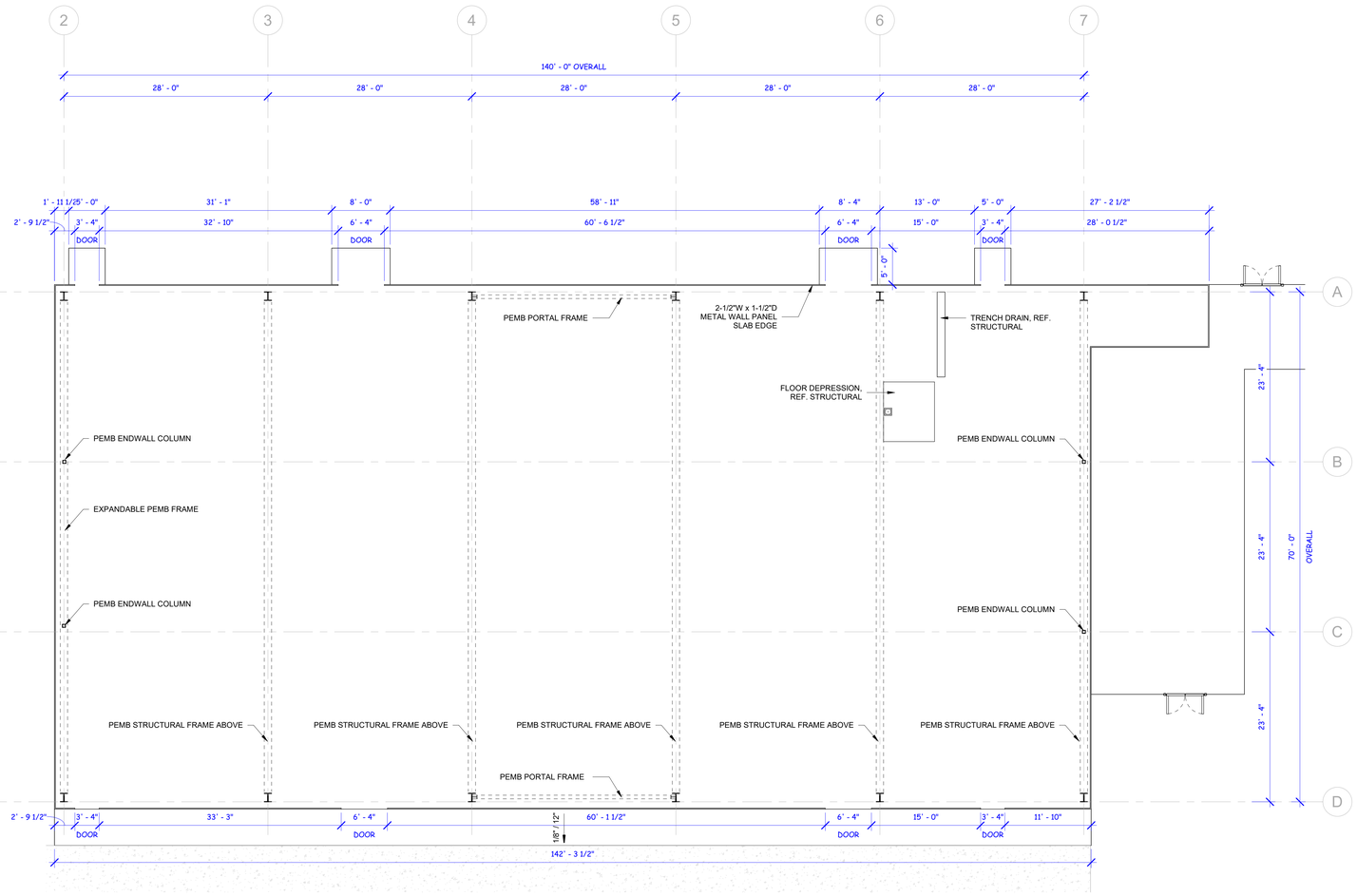
A103

GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION
2. PROTECT ALL EXISTING SURFACES TO REMAIN
3. CONSTRUCTION TO CONFORM TO ALL APPLICABLE CODES IN THE STATE OF TEXAS INCLUDING ICC AND TDLR-TAS STANDARDS.
4. ARCHITECTURAL FOUNDATION PLAN SHOWN FOR REFERENCE ONLY. REFER TO STRUCTURAL FOUNDATION FOR DETAILED INFORMATION. ITEMS IN THE STRUCTURAL FOUNDATION PLAN SHALL SUPERSEDE ITEMS IN THE ARCHITECTURAL FOUNDATION PLAN IF THERE ARE DISCREPANCIES BETWEEN THE TWO



2 **PANEL LEDGE DETAIL**
3/4" = 1'-0"



1 **FOUNDATION PLAN - PROPOSED**
1/8" = 1'-0"

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EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

FOUNDATION PLAN

Project Number:
201924
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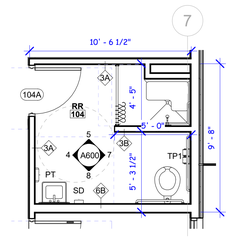
2020.08.21

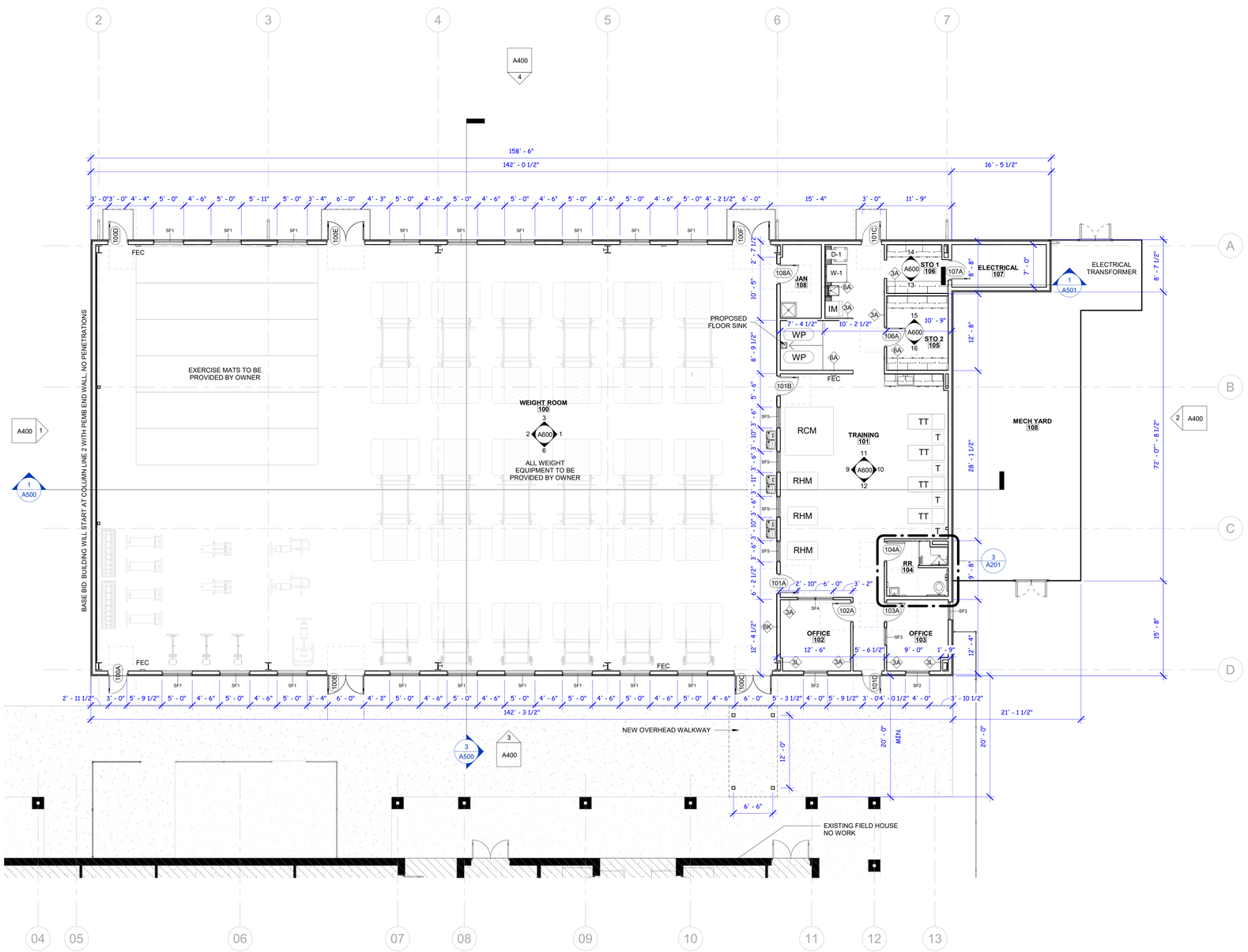
A200



3 **FLOOR PLAN - ENLARGED**
1/4" = 1'-0" REF: A201 / 1

GENERAL PLAN NOTES

1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. CONSTRUCTION TO CONFORM TO ALL APPLICABLE CODES IN THE STATE OF TEXAS INCLUDING ICC AND TDLR-TAS STANDARDS.
3. ALL NEW PARTITIONS TO BE BUILT CENTERED ON COLUMNS OR WINDOW MULLIONS U.O.N.
4. ALL NEW DOORS AND FRAMES ARE TO BE 4" FROM ADJACENT PARTITION U.O.N.
5. PROVIDE FIRE RETARDANT BLOCKING IN ALL PARTITIONS TO RECEIVE CASEWORK.
6. ALL FURNITURE IS "BY OWNER" AND SHOWN ONLY FOR REFERENCE.



1 **FLOOR PLAN - PROPOSED**
1/8" = 1'-0"

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EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

FLOOR PLAN

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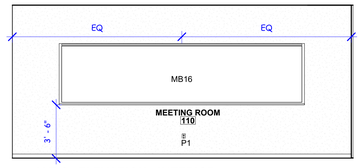
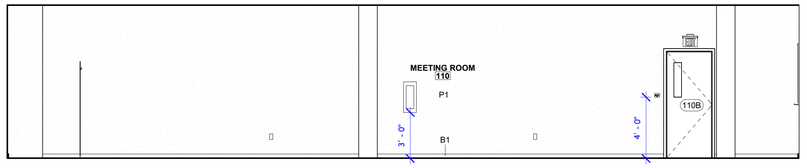
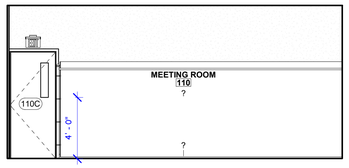
A201



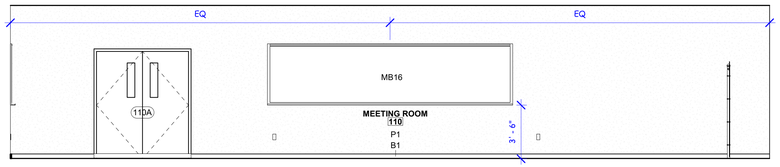
13 **ALT 1 - ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A202 / 2



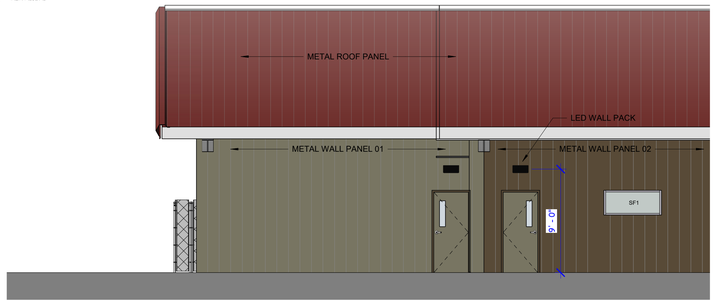
12 **ALT 1 - ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A202 / 2



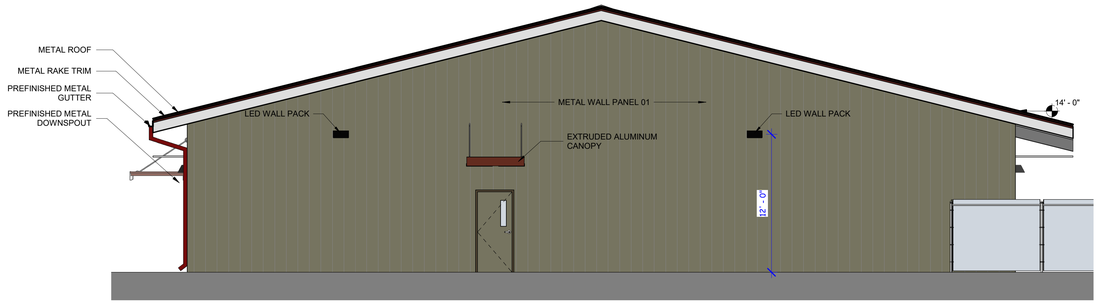
11 **ALT 1 - ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A202 / 2



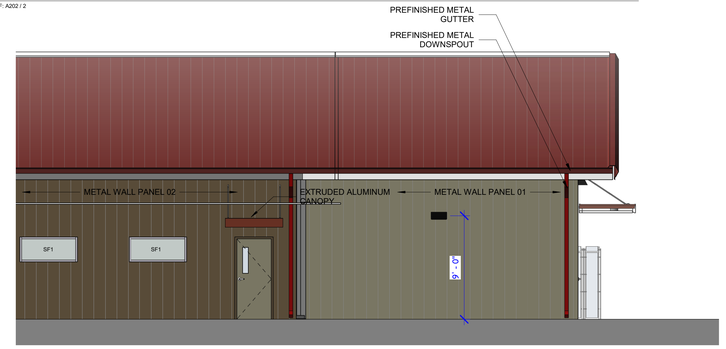
10 **ALT 1 - ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A202 / 2



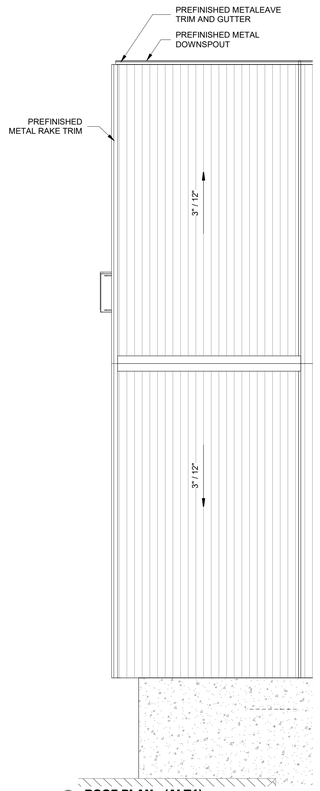
9 **ALT 1 - ELEVATION - EXTERIOR**
3/16" = 1'-0" REF: A202 / 2



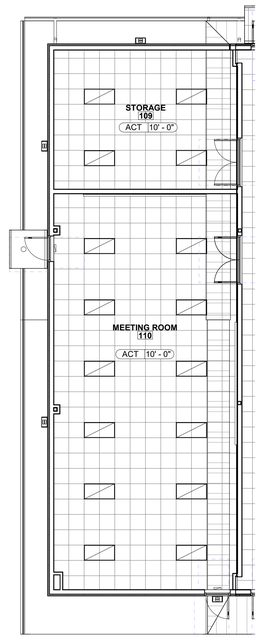
8 **ELEVATION - ENDWALL AT COL. 1 - ALTERNATE**
3/16" = 1'-0" REF: A202 / 2



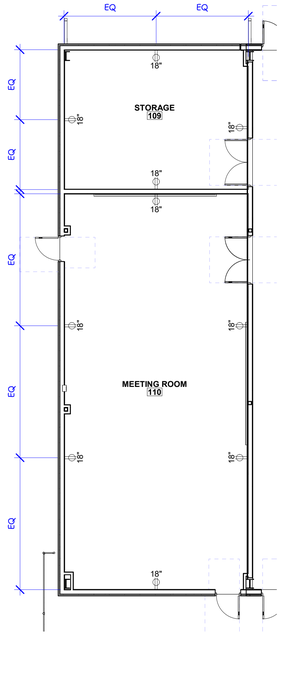
7 **ELEVATION - EXTERIOR BID ALTERNATE**
3/16" = 1'-0" REF: A202 / 2



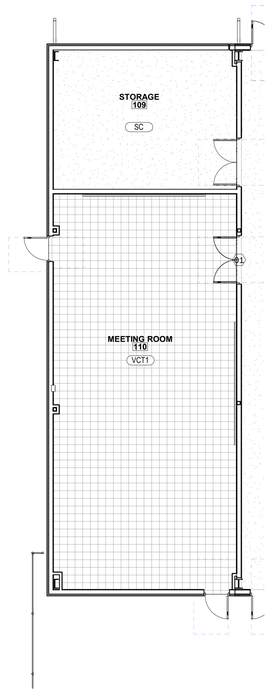
6 **ROOF PLAN - (ALT1)**
1/8" = 1'-0"



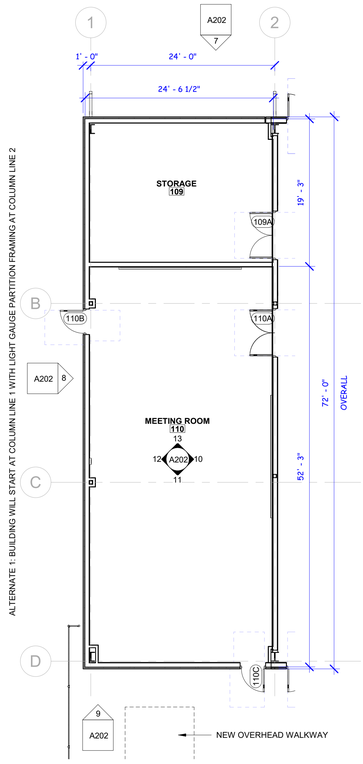
5 **REFLECTED CEILING PLAN - ALTERNATE 1**
1/8" = 1'-0" REF: X200 / 3



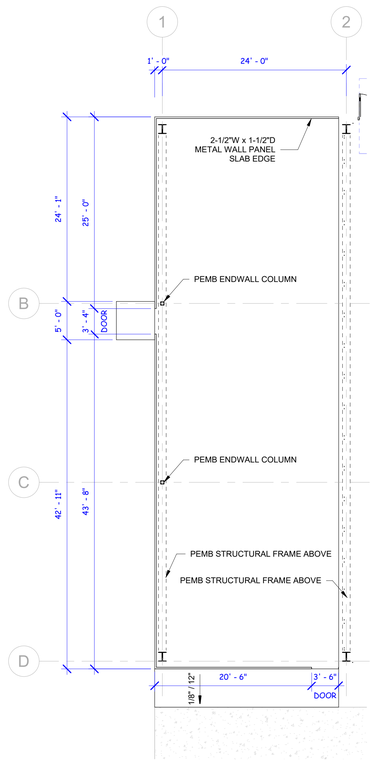
4 **FLOOR PLAN - DEVICE AND DATA - ALTERNATE 1**
1/8" = 1'-0"



200 3 **FLOOR PLAN - FINISHES - ALTERNATE 1**
1/8" = 1'-0"



2 **FLOOR PLAN - ALTERNATE 1**
1/8" = 1'-0"



1 **FOUNDATION PLAN - ALTERNATE 1**
1/8" = 1'-0"

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700 WEST NORRIS, EL CAMPO, TEXAS 77437

ALTERNATE ONE

Project Number:
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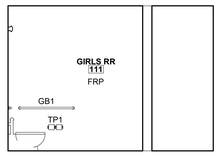
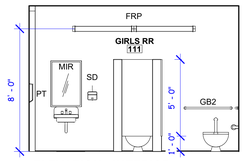
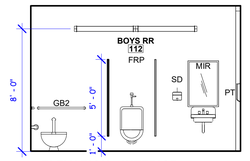
A202



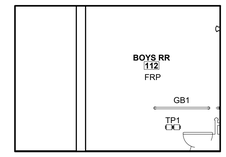
14 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A203 / 13



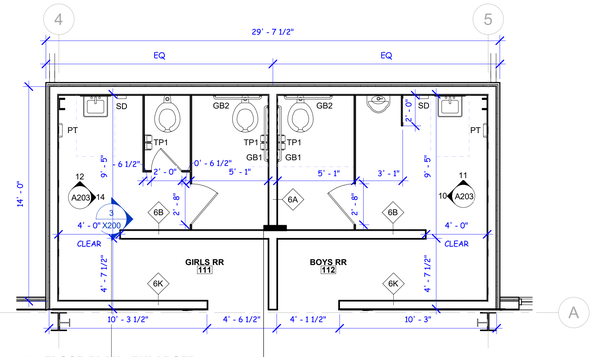
12 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A203 / 13



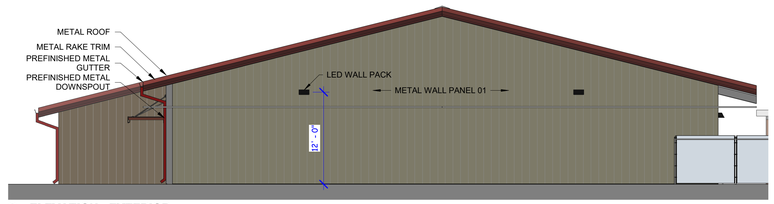
11 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A203 / 13



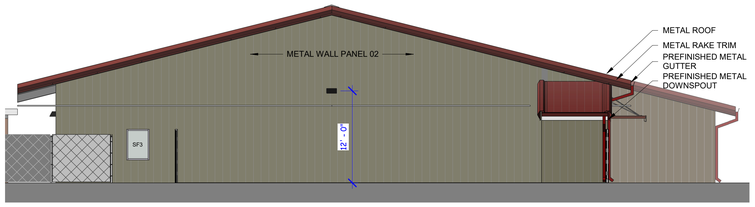
10 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A203 / 13



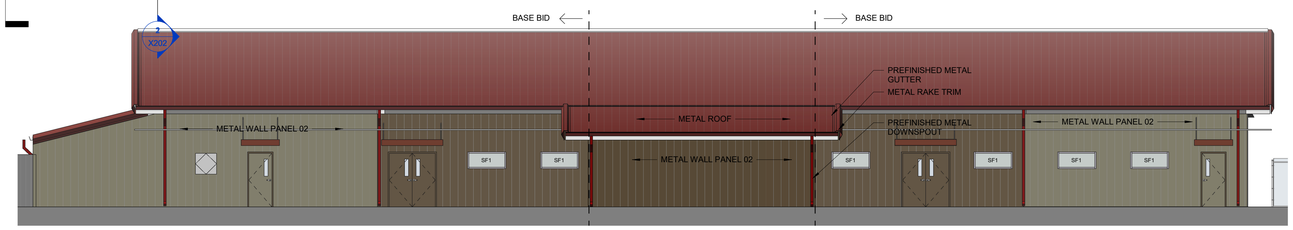
13 **FLOOR PLAN - ENLARGED**
1/4" = 1'-0" REF: A203 / 2



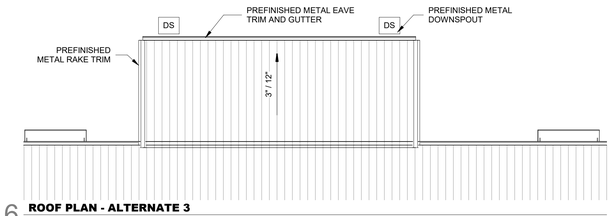
9 **ELEVATION - EXTERIOR**
1/8" = 1'-0" REF: SD205 / 2



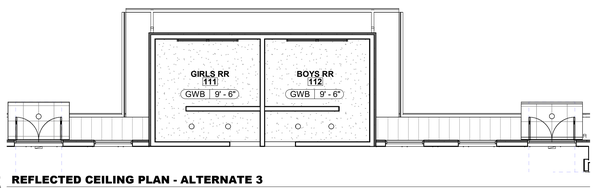
8 **ELEVATION - EXTERIOR**
1/8" = 1'-0" REF: X200 / 1



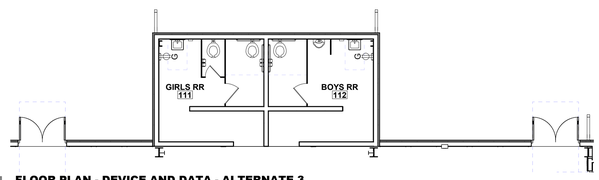
7 **ELEVATION - EXTERIOR**
1/8" = 1'-0" REF: A203 / 2



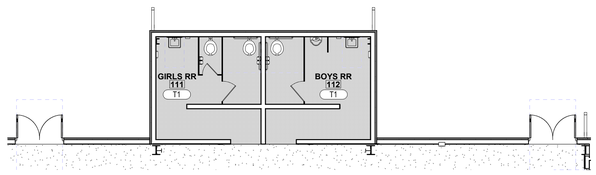
6 **ROOF PLAN - ALTERNATE 3**
1/8" = 1'-0" REF: X200 / 3



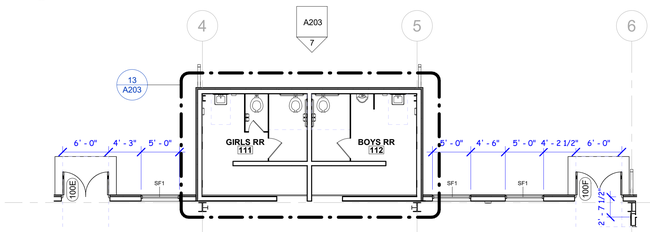
5 **REFLECTED CEILING PLAN - ALTERNATE 3**
1/8" = 1'-0" REF: X200 / 3



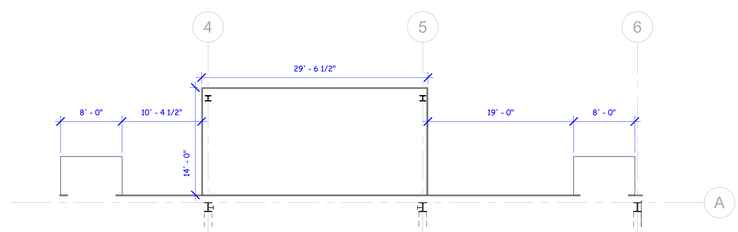
4 **FLOOR PLAN - DEVICE AND DATA - ALTERNATE 3**
1/8" = 1'-0" REF: X200 / 3



3 **FLOOR PLAN - FINISHES - ALTERNATE 3**
1/8" = 1'-0" REF: X200 / 3



2 **FLOOR PLAN - ALTERNATE 3**
1/8" = 1'-0" REF: X200 / 3



1 **FOUNDATION PLAN - ALTERNATE 3**
1/8" = 1'-0" REF: X200 / 3

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ALTERNATE TWO

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FINISHES					
TAG	DESCRIPTION	MANUFACTURER	FINISH/STYLE	COLOR	COMMENT
GT1	GROUT - FLOOR TILE	LATICRETE		78 STERLING SILVER	FLOOR TILE FIELD GROUT
GT2	GROUT - FLOOR TILE	LATICRETE		22 MIDNIGHT BLACK	FLOOR TILE ACCENT GROUT
SC	SEALED CONCRETE	-	-	-	
T1	CERAMIC TILE - FLOOR	AMERICAN OLEAN	SPECKLED	LIGHT SMOKE SPECKLED A04	FIELD TILE - FLOOR, 2"X2" MOSAIC
T2	CERAMIC TILE - FLOOR	AMERICAN OLEAN		BLACK A34	BORDER/ACCENT TILE - FLOOR, 2"X2" MOSAIC
VCT1	VINYL COMPOSITION TILE	ARMSTRONG	STD. EXCELON	51904S STERLING	PRIMARY VCT
VCT2	VINYL COMPOSITION TILE	ARMSTRONG	STD. EXCELON	57534 RUBY RED	SECONDARY VCT
VCT3	VINYL COMPOSITION TILE	ARMSTRONG	STD. EXCELON	51910 CLASSIC BLACK	TERTIARY VCT
B1	RUBBER BASE	ROPPE	RUBBER	186 RED	PRIMARY WALL BASE, 4" COVE WITH STANDARD TOE
CT1	TILE	AMERICAN OLEAN	MATTE	ICE WHITE 0025	SHOWER WALL TILE
FRP	FIBERGLASS REINFORCED PLASTIC	CRANE COMPOSITES	SANDSTONE TEXTURE	MORENING MIST GRAY (636)	FRP FOR WET AREA WALLS & RR
GT3	GROUT - WALL TILE	LATICRETE		44 BRIGHT WHITE	WALL TILE GROUT
P1	PAINT	SHERWIN WILLIAMS	SATIN	SW 7663 MONORAIL SILVER	PRIMARY WALL COLOR
P2	PAINT	SHERWIN WILLIAMS	SATIN	SW 6868 REAL RED	ACCENT COLOR
P3	PAINT	SHERWIN WILLIAMS	SATIN	SW 6258 TRICORN BLACK	ACCENT PAINT & PEMB FRAMES
P4	PAINT	SHERWIN WILLIAMS	SATIN	SW 7005 PURE WHITE	CEILING COLOR
P5	PAINT	SHERWIN WILLIAMS	SATIN	SW 7669 SUMMIT GRAY	HM DOORS INTERIOR
PLAM1	PLASTIC LAMINATE	WILSONART	FINE VELVET	4830K-18 SATIN STAINLESS	COUNTERTOPS, CABINETS, DOORS
PLAM2	PLASTIC LAMINATE	WILSONART	FINE VELVET	WHITE CASCADE 5003-38	COUNTERS
RUB	1" RUBBER FLOORING	PROMAXIMA		CARDINALS ES104	PROVIDED BY OWNER

GENERAL FINISH PLAN NOTES

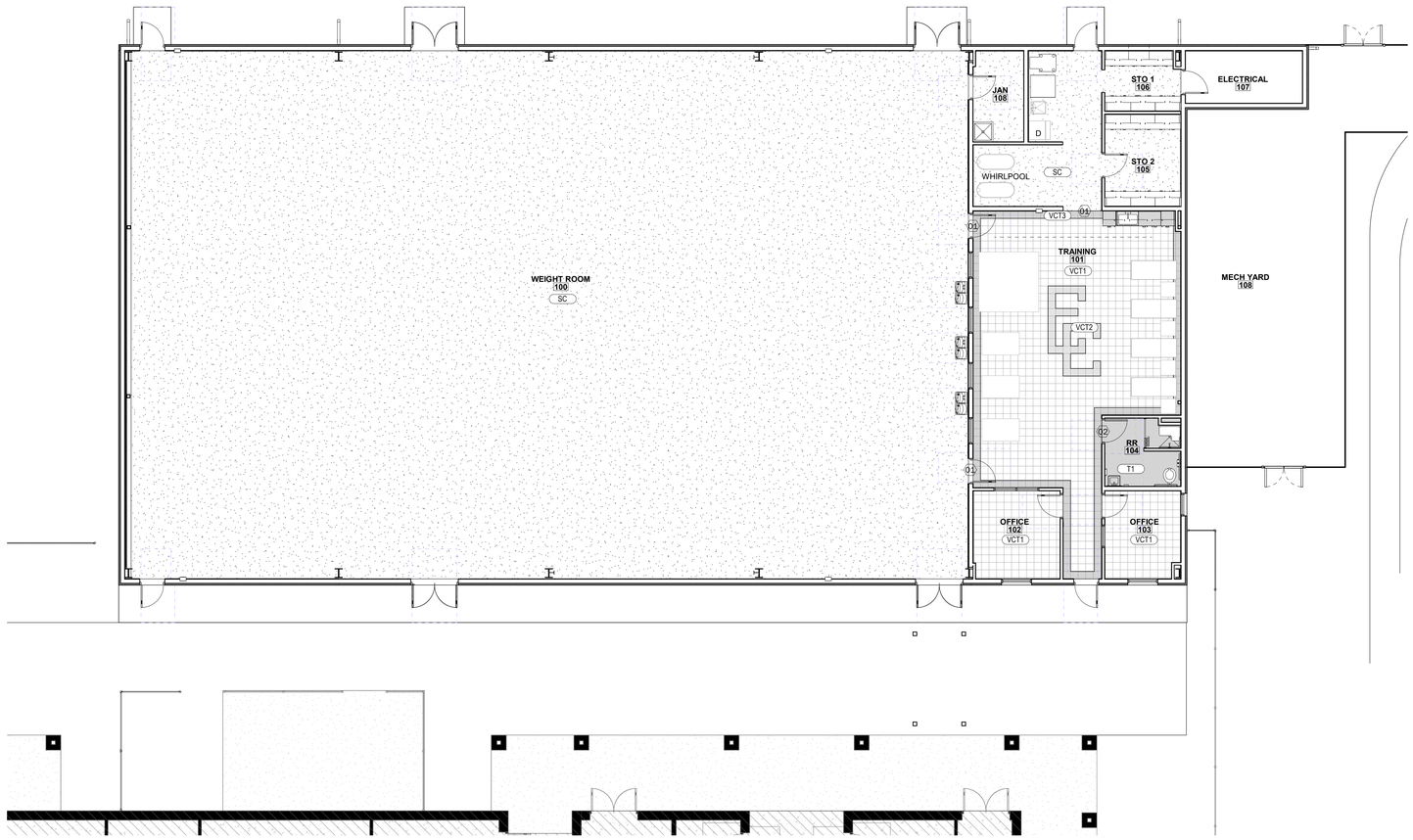
1. REFER TO SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION
2. ALL FINISHES TO BE OF THE SAME PRODUCTION RUN
3. ALL INTERIOR FINISHES SHALL HAVE A CLASS A FLAME SPREAD RATING AND ALL FLOOR COVERING SHALL HAVE A FLAME SPREAD RATING OF 75 OR LESS
4. ALL VISIBLE SURFACES TO BE PAINTED BASE COLOR U.O.N.
5. ALL G.W.B. SOFFITS AND CEILING TO BE PAINTED "CEILING WHITE" U.O.N.
6. SEE ELEVATIONS FOR ADDITIONAL INFORMATION
7. FINISHES NOTED "PROVIDED BY OWNER" WILL BE PROVIDED AND INSTALLED BY OWNER. SURFACES TO RECIEVE FINISH ARE TO BE PROPERLY PREPARED PER FINISH MANUFACTURERS RECOMMENDATIONS.

PLAN SHEET NOTES

01 SEALED CONCRETE TO VCT TRANSITION STRIP

02 VCT TO TILE TRANSITION STRIP

03 SEALED CONCRETE TO TILE TRANSITION STRIP



1 **FLOOR PLAN - FINISHES**
1/8" = 1'-0"

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EL CAMPO ISD WEIGHT ROOM

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FLOOR PLAN - FINISHES

Project Number:
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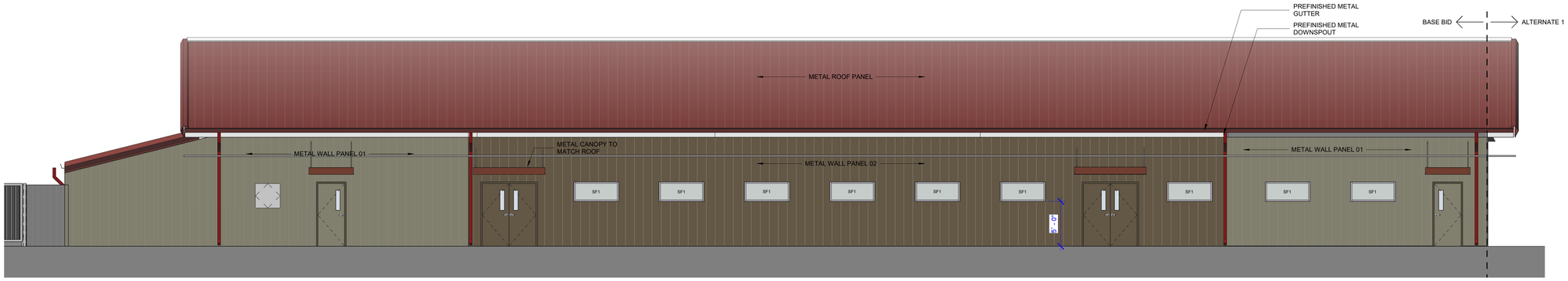
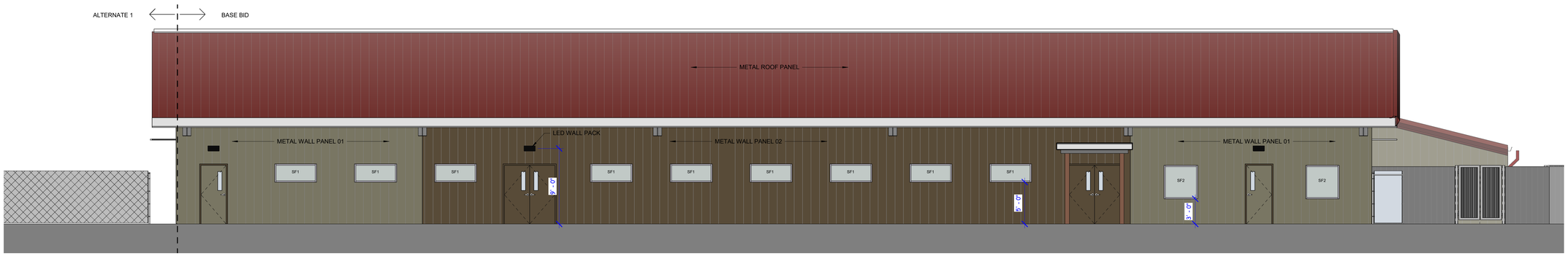
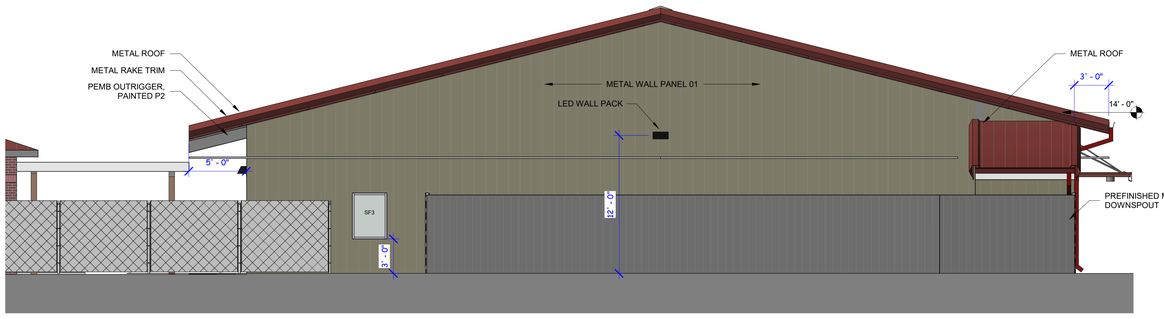


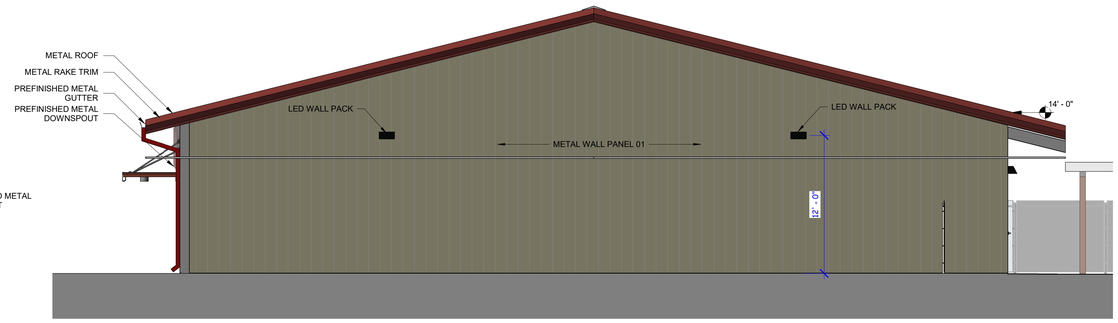
4 **ELEVATION - EXTERIOR**
3/16" = 1'-0" REF: A201 / 1



3 **ELEVATION - EXTERIOR**
3/16" = 1'-0" REF: A201 / 1



2 **ELEVATION - EXTERIOR**
3/16" = 1'-0" REF: A201 / 1



1 **ELEVATION - EXTERIOR**
3/16" = 1'-0" REF: A201 / 1

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ELEVATIONS - EXTERIOR

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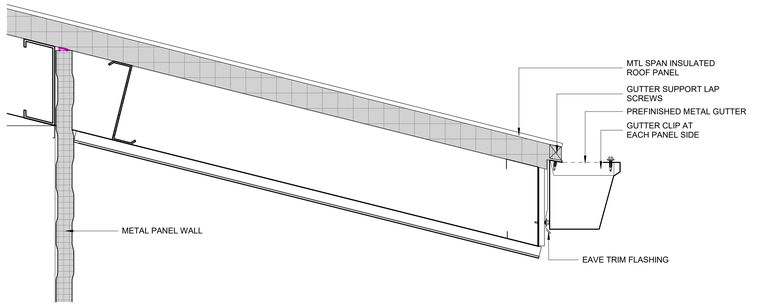
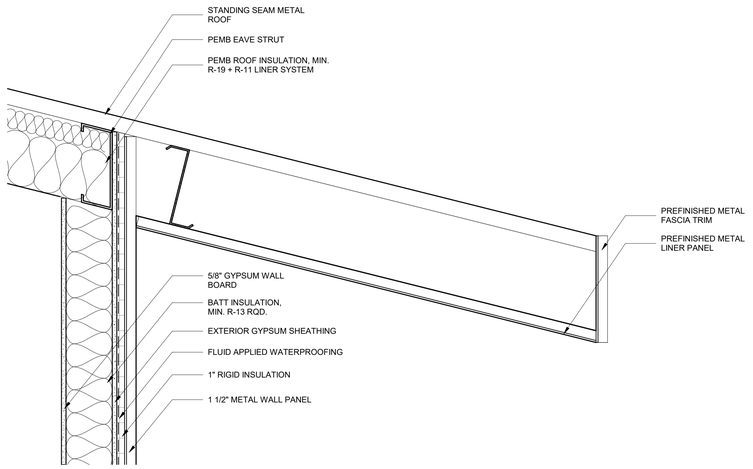


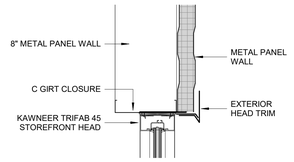
12 ALT 3 - SECTION - DETAIL

1 1/2" = 1'-0" REF:



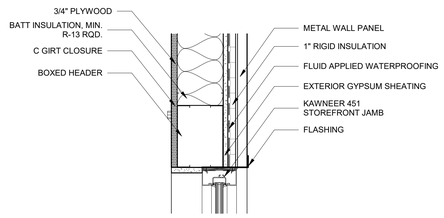
8 SECTION - DETAIL

1 1/2" = 1'-0" REF: A500 / 4



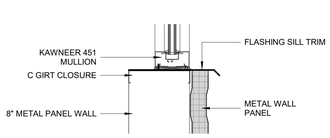
11 ALT 3. SECTION - DETAIL

1 1/2" = 1'-0" REF:



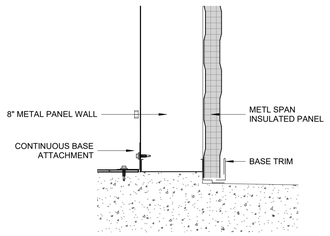
7 SECTION - DETAIL

1 1/2" = 1'-0" REF: A500 / 4



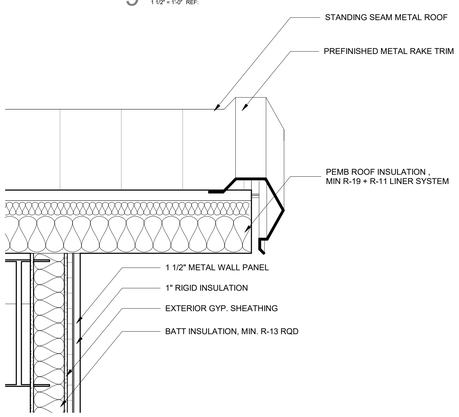
10 ALT 3. SECTION - DETAIL

1 1/2" = 1'-0" REF:



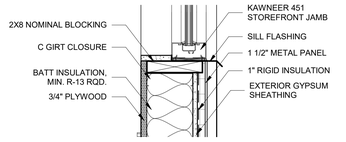
9 ALT 3. SECTION - DETAIL

1 1/2" = 1'-0" REF:



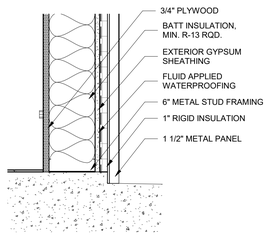
2 SECTION - DETAIL

1" = 1'-0" REF: A500 / 1



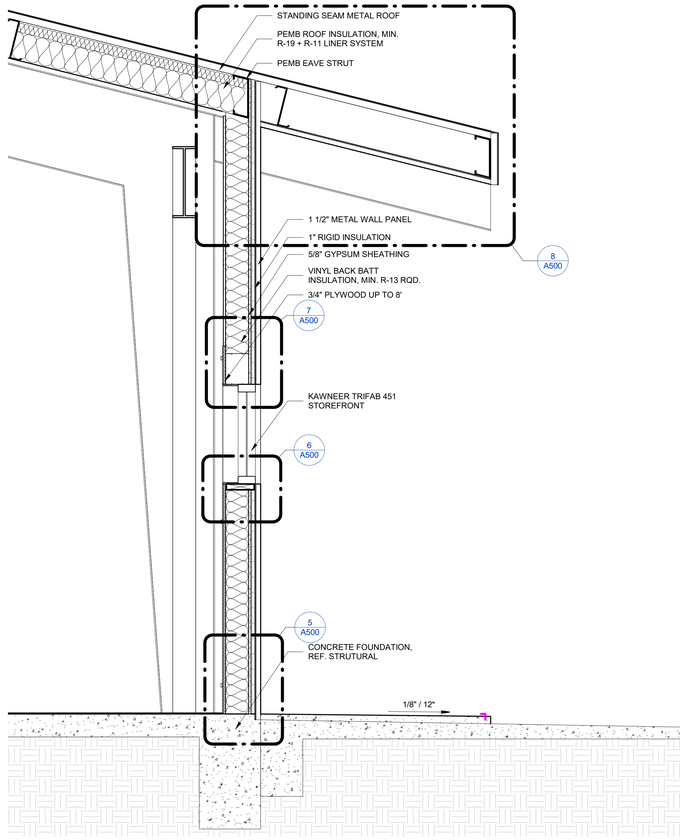
6 SECTION - DETAIL

1 1/2" = 1'-0" REF: A500 / 4



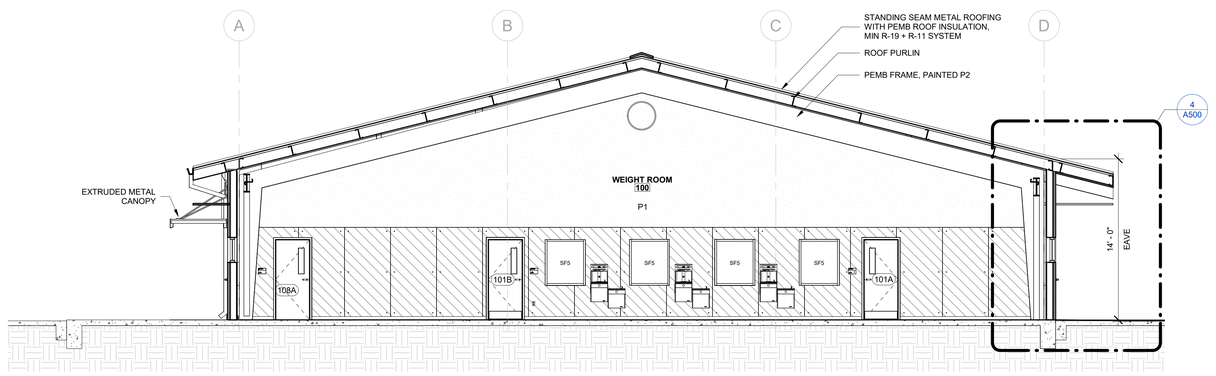
5 SECTION - DETAIL

1 1/2" = 1'-0" REF: A500 / 4



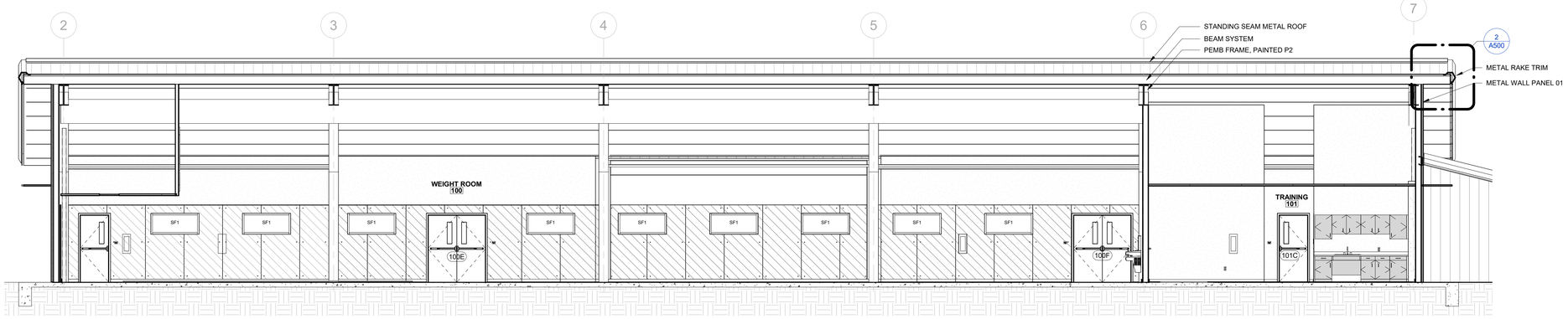
4 SECTION - DETAIL

3/4" = 1'-0" REF: A500 / 3



3 SECTION - BUILDING

3/16" = 1'-0" REF: A201 / 1



1 SECTION - BUILDING

3/16" = 1'-0" REF: A201 / 1

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EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

SECTIONS - BUILDING

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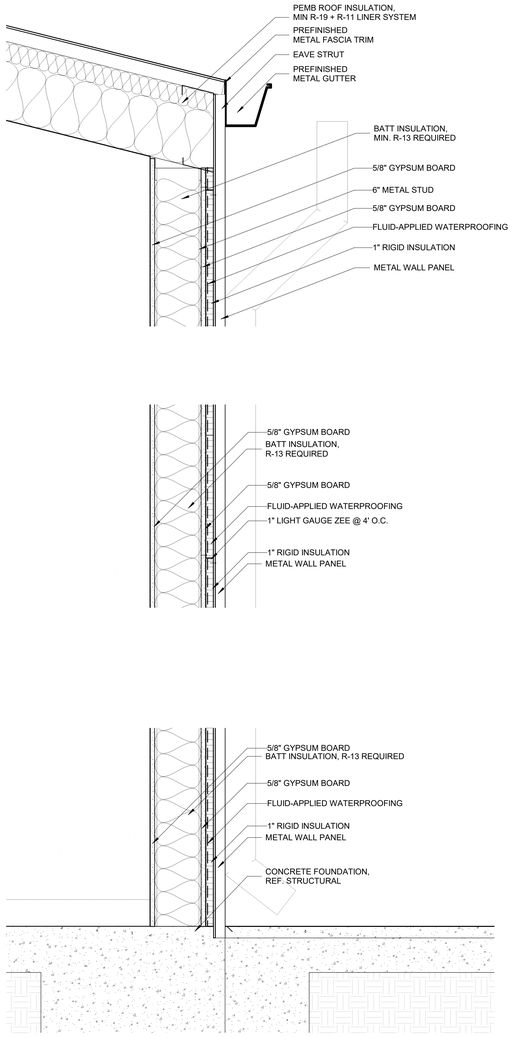
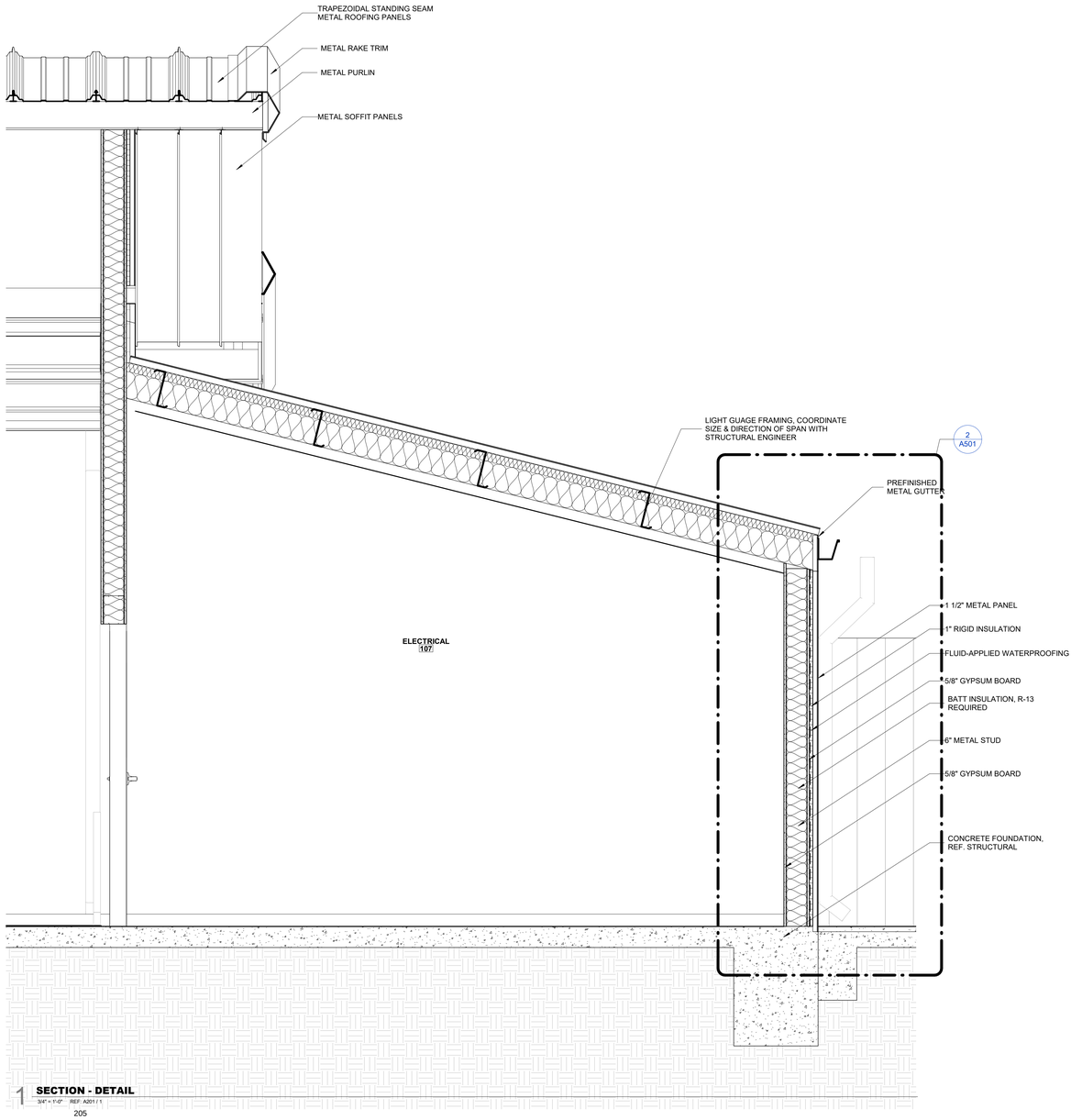
A500



2 **SECTION - DETAIL**
1 1/2" = 1'-0" REF: A501 / 1



1 **SECTION - DETAIL**
3/4" = 1'-0" REF: A201 / 1

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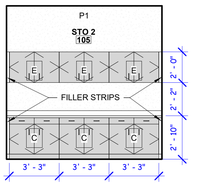
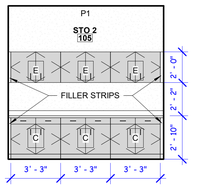
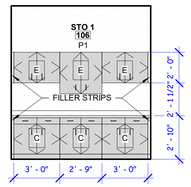


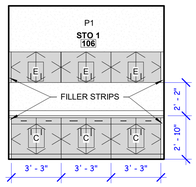
16 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



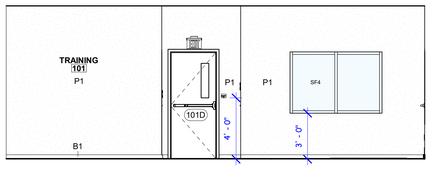
15 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



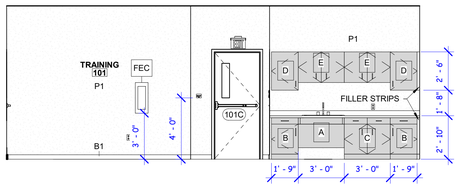
14 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



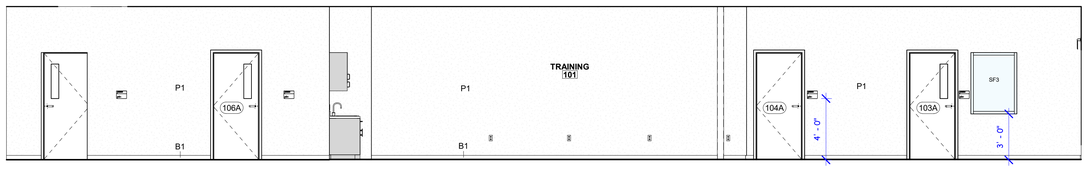
13 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



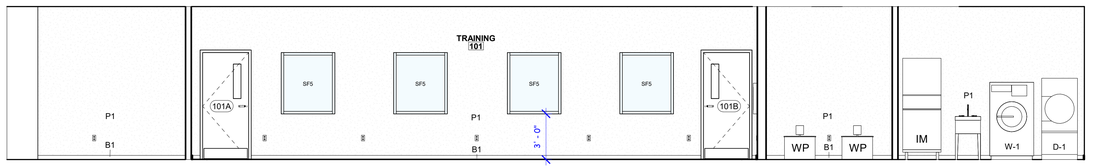
12 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



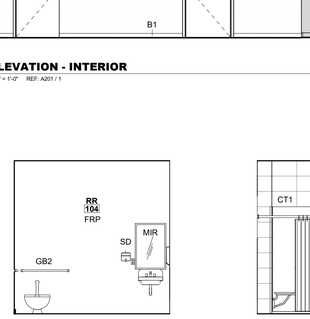
11 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



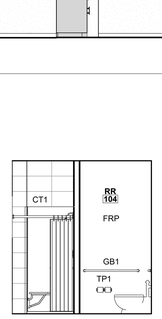
10 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



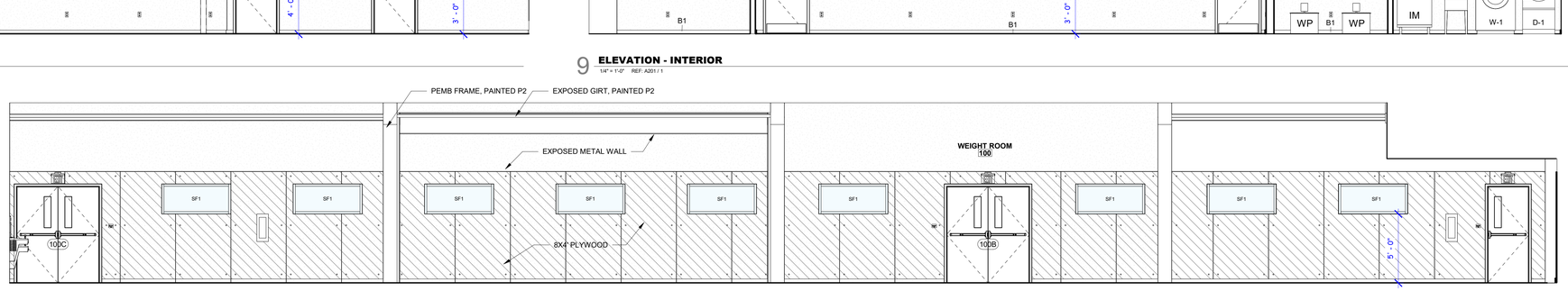
9 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



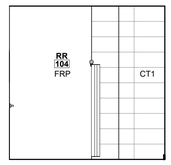
8 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 3



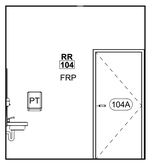
7 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 3



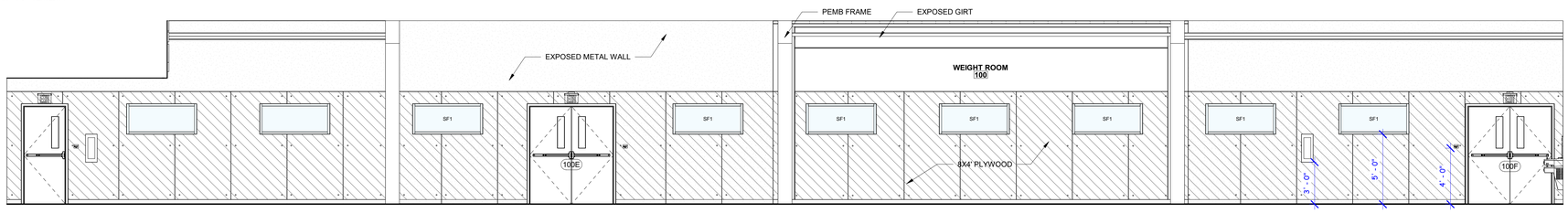
6 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



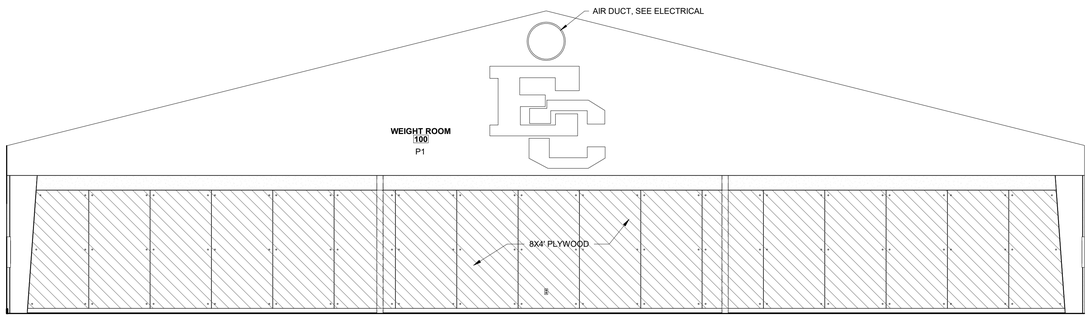
5 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 3



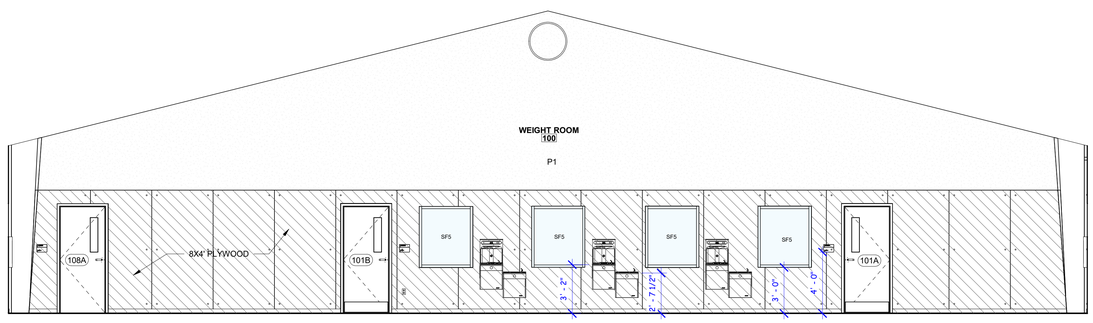
4 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 3



3 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



2 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1



1 **ELEVATION - INTERIOR**
1/4" = 1'-0" REF: A201 / 1

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EL CAMPO ISD WEIGHT ROOM
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ELEVATIONS - INTERIOR

Project Number:
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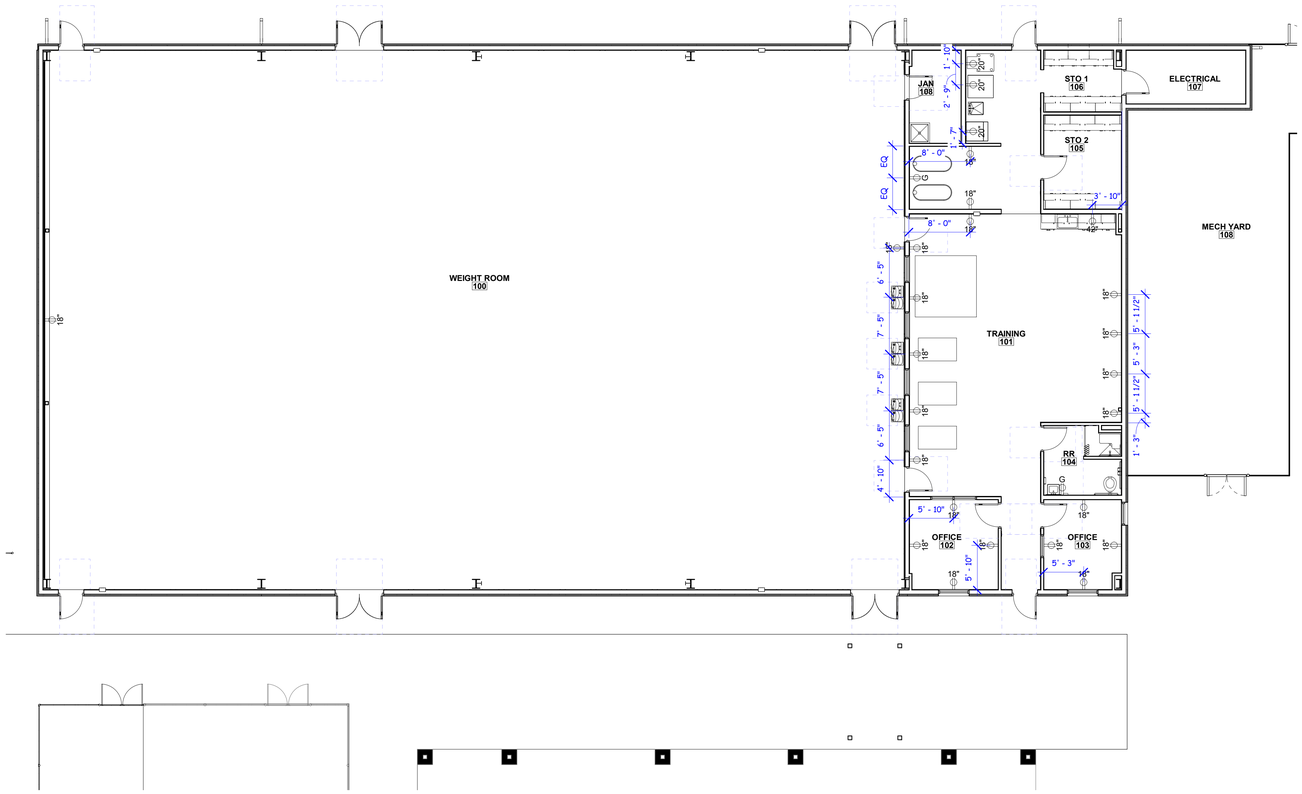
GENERAL PLAN NOTES

1. DEVICE & DATA PLAN PROVIDED FOR QUANTITY AND LOCATION REFERENCE. REFER TO MEP FOR ELECTRICAL CIRCUITING, PANELING, AND CALCULATIONS. CONTRACTOR TO COORDINATE WITH MEP DRAWINGS PRIOR TO CONSTRUCTION.



1 **FLOOR PLAN - DEVICE AND DATA**
1/8" = 1'-0"

DEVICE LEGEND

SYMBOL	DESCRIPTION
18"	DUPLEX OUTLET
	DUPLEX DATA

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DEVICE & DATA PLANS

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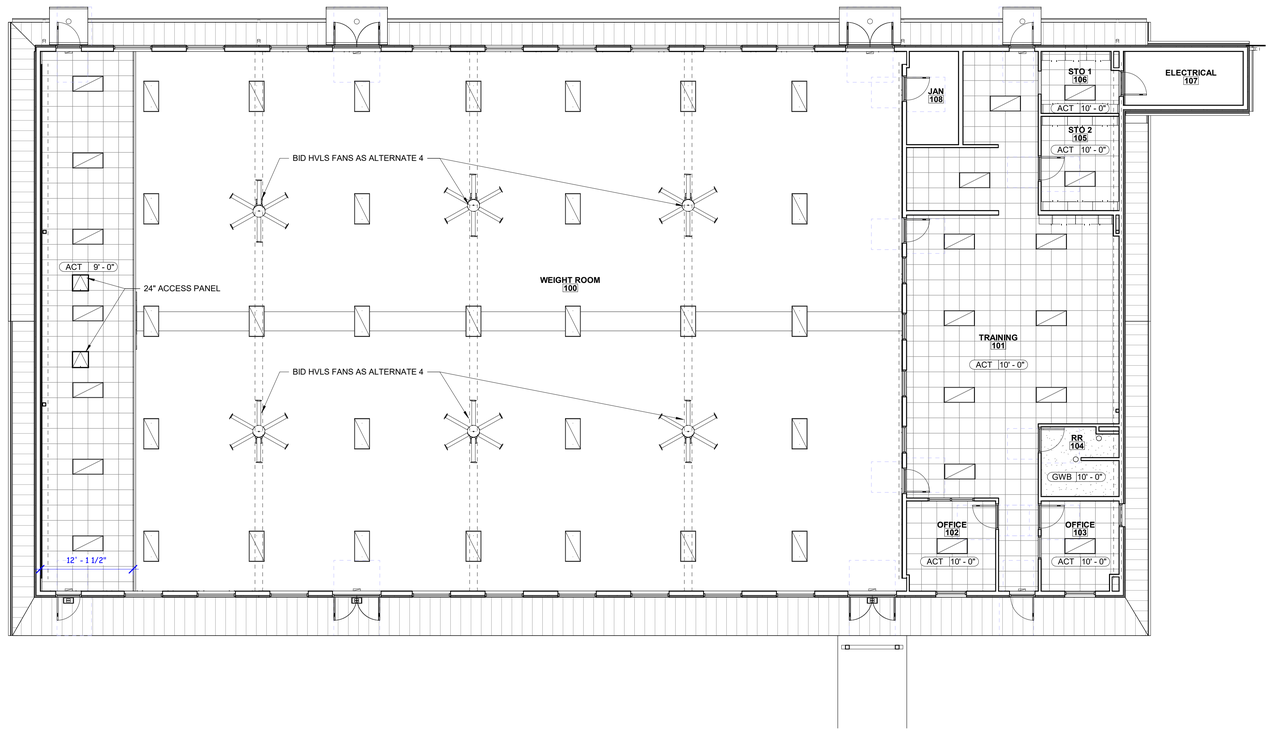
GENERAL RCP NOTES

1. SEE SPECIFICATIONS FOR MORE REFLECTED CEILING PLAN INFORMATION.
2. LIGHTS, FIXTURES, EXIT SIGNS AND OTHER CEILING ACCESSORIES ARES SHOWN FOR TYPE AND LOCATION ONLY. REFER TO ENGINEERING DRAWINGS FOR INFORMATION ON POWER REQUIREMENTS, CIRCUITING, SWITCHING, FIXTURE SPECIFICATIONS, AND EMERGENCY LIGHTING.
3. CONTRACTOR TO VERIFY ALL START, STOP, AND ORIG. POINTS OF A.C.T. GRID WITH ARCHITECT IN FIELD.
4. GANG ALL ADJACENT SWITCHES UNDER ONE COVER PLATE
5. SPRINKLER HEADS AND ANY SPRINKLER LINES ARE TO BE RELOCATED SO THAT THEY WILL NOT COME IN CONFLICT WITH THE LIGHTS AS SHOWN ON THE PLAN.
6. WHEN USED, ELECTRICAL CONTRACTOR SHALL COORDINATE THE TYPE OF DIMMER REQUIRED TO PROPERLY DIM FIXTURES WITH THE FIXTURE MANUFACTURER AND SHALL ADJUST AS NEEDED.
7. ALL CEILING ELEVATION HEIGHTS REFER TO FINISHED FLOOR ELEVATION. (RELATIVE TO THE F.F. BELOW THE CEILING)



1 **REFLECTED CEILING PLAN**
1/8" = 1'-0"

LIGHTING LEGEND

SYMBOL	DESCRIPTION
	2X4 SUSPENDED LED LIGHTING FIXTURE
	RECESSED LED CAN FIXTURE
	WALL MOUNTED LED STRIP
	BIG ASS FAN - BASIC 6

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REFLECTED CEILING PLAN

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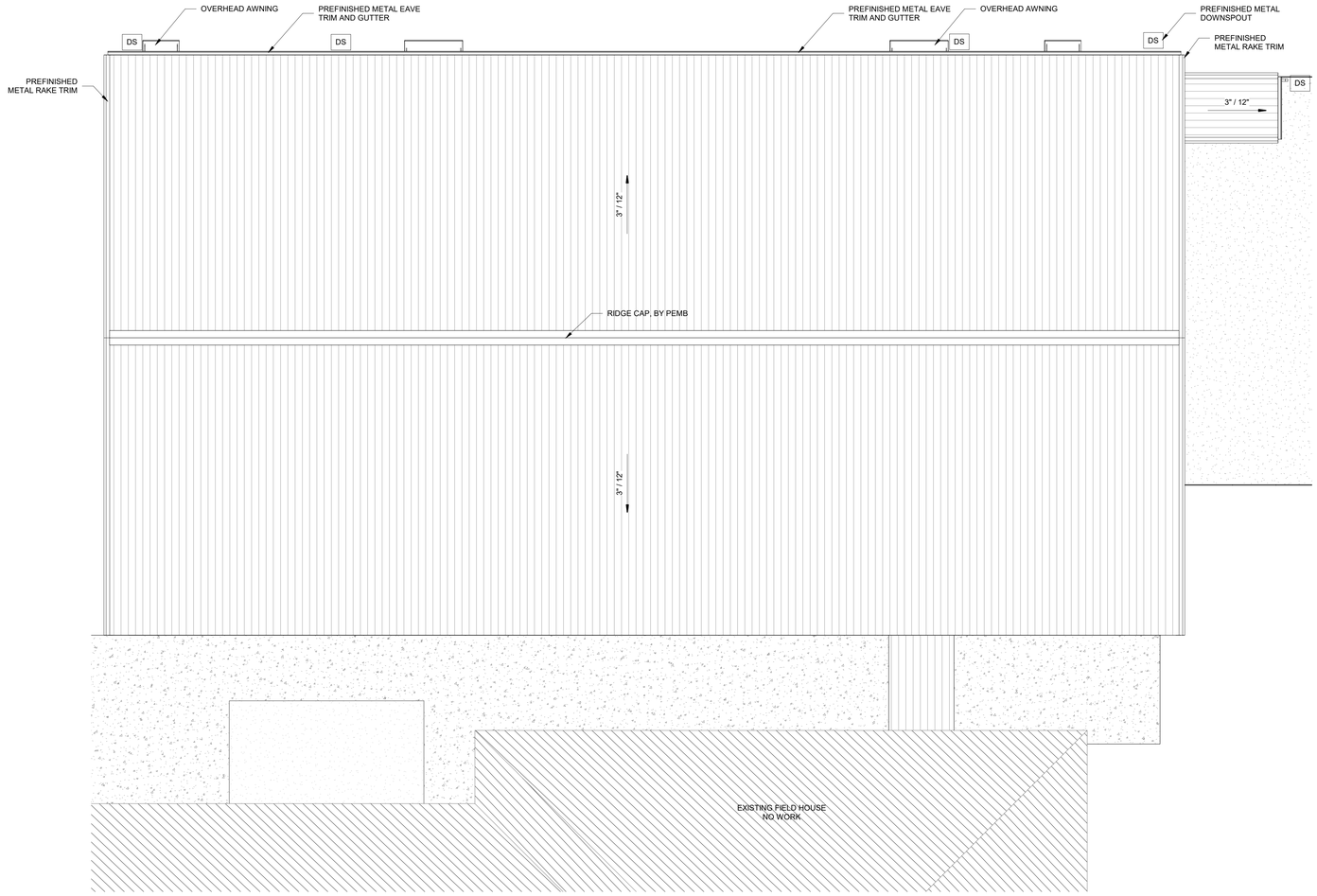
GENERAL ROOF PLAN NOTES

1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PROTECT ALL EXISTING SURFACES TO REMAIN.
3. CONSTRUCTION TO CONFORM TO ALL APPLICABLE CODES IN THE STATE OF TEXAS INCLUDING ICC AND TDLR-TAS STANDARDS.
4. ALL MECHANICAL, ELECTRICAL AND PLUMBING FIXTURES ARE SHOWN FOR LOCATION AND REFERENCE ONLY. REFER TO MEP DRAWINGS AND SCHEDULES FOR SPECIFIC INFORMATION REGARDING SAID FIXTURES.



1 **ROOF PLAN**
1/8" = 1'-0"

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ROOF PLAN

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PIPING SYMBOLS

	PIPE UP
	PIPE DOWN
	PIPE CAP
	90° ELBOW
	RISE OR DROP IN ELEVATION
	TEE OR BRANCH CONNECTION
	TEE DOWN
	TEE DOWN
CHS	CHILLED WATER SUPPLY
CHR	CHILLED WATER RETURN
CWS	CONDENSER WATER SUPPLY
CWR	CONDENSER WATER RETURN
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
CD	CONDENSATE DRAIN LINE
RL	REFRIGERANT LINE
15#S	15 PSIG STEAM
50#S	50 PSIG STEAM
80#S	80 PSIG STEAM
LPC	LOW PRESSURE CONDENSATE
PCR	PUMPED CONDENSATE RETURN
	BALL VALVE
	BUTTERFLY VALVE
	GATE VALVE
	GLOBE VALVE
	2 WAY CONTROL VALVE
	3 WAY CONTROL VALVE
	2 WAY SOLENOID VALVE
	3 WAY SOLENOID VALVE
	BALANCING VALVE
	PRESSURE REDUCING VALVE
	CHECK VALVE
	SAFETY VALVE
	ANGLE VALVE
	STRAINER
	STRAINER W/ BLOWDOWN
	PIPE REDUCER
	PETE'S PLUG
	FLEXIBLE CONNECTION
	UNION
	COMPANION FLANGE
	AIR VENT - AUTOMATIC
	AIR VENT - MANUAL
	THERMOMETER
	PRESSURE GAUGE W/ GAUGE COCK
FM	FLOW METER
	PIPE ANCHOR
	PIPE EXPANSION JOINT
	PIPE GUIDE
	STEAM TRAP

NOTE: NOT ALL SYMBOLS MAY BE USED IN THIS PROJECT.

ABBREVIATIONS

AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AMP	AMPERE
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET PER MINUTE
CV	CONSTANT VOLUME
EAT	ENTERING AIR TEMPERATURE
(ETR)	EXISTING TO REMAIN
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST AIR
°F	DEGREES FAHRENHEIT
FD	FIRE DAMPER
FSD	COMBINATION FIRE SMOKE DAMPER
FPM	FEET PER MINUTE
FT	FEET
GPM	GALLONS PER MINUTE
HEPA	HIGH EFFICIENCY PARTICULATE AIR FILTER
HP	HORSE POWER
IN	INCHES
KW	KILOWATT
KWH	KILOWATT HOUR
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MA	MIXED AIR
MVD	MANUAL VOLUME DAMPER
NIC	NOT IN CONTRACT
NO.	NUMBER (QUANTITY OR MODEL)
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSIG	POUNDS PER SQUARE INCH GAGE
QTY	QUANTITY
RLF	RELIEF
RA	RETURN AIR
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SD	SMOKE DAMPER
SP	STATIC PRESSURE (INCHES OF WATER)
TP	TOTAL PRESSURE (INCHES OF WATER)
TYP	TYPICAL
V	VOLTS
VAC	VOLTS, ALTERNATING CURRENT
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE

NOTE:
NOT ALL ABBREVIATIONS MAY BE USED ON THIS PROJECT.

MECHANICAL SYMBOLS

	CEILING DIFFUSERS WITH ROUND RIGID DUCT CONNECTION
	CEILING DIFFUSERS WITH ROUND FLEX DUCT CONNECTION
	CEILING SUPPLY AIR DEVICE (24x24 AND 12x12)
	CEILING RETURN AIR DEVICE (24x24 AND 12x12)
	CEILING EXHAUST AIR DEVICE (24x24 AND 12x12)
	1-WAY THROW CEILING AIR DEVICE
	2-WAY THROW CEILING AIR DEVICE
	3-WAY THROW CEILING AIR DEVICE
	SIDEWALL EXHAUST OR RETURN AIR GRILLE OR REGISTER
	SIDEWALL SUPPLY REGISTER
MVD	MANUAL VOLUME DAMPER
M	MOTORIZED DAMPER
FD	FIRE DAMPER
FSD	COMBINATION FIRE/SMOKE DAMPER
SD	SMOKE DAMPER
S	DUCT MOUNTED SMOKE DETECTOR
	FLEXIBLE DUCT CONNECTION
12x12 8x8	DUCT TRANSITION
12x12 8"Ø	DUCT TRANSITION FROM RECTANGULAR TO ROUND
R	DUCT RISE IN DIRECTION OF AIRFLOW
D	DUCT DROP IN DIRECTION OF AIRFLOW
	VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EXCEPT TRANSFER AIR SOUND ELBOW)
	LONG RADIUS DUCT ELBOW
	AIR DUCT SPLITTER
	ACOUSTICAL FIBER FREE LINED DUCT
	BRANCH CONNECTION TO MAIN WITH VOLUME DAMPER (ALL BRANCH DUCTWORK TO AIR DEVICE SHALL HAVE VOLUME DAMPERS UNLESS OTHERWISE NOTED)

NOTE: NOT ALL SYMBOLS MAY BE USED ON THIS PROJECT.

	SUPPLY DUCT UP / DOWN
	RETURN DUCT UP / DOWN
	EXHAUST DUCT UP / DOWN
24x24 12"Ø 24x14Ø	INDICATES 24"x24" RECTANGULAR DUCT INDICATES 12" ROUND DUCT INDICATES 24"x24" FLAT OVAL
	ACCESS DOOR
T	THERMOSTAT OR TEMPERATURE SENSOR (RE: CONTROLS)
H	HUMIDISTAT OR HUMIDITY SENSOR (RE: CONTROLS)
M	MAGNAHELIC GAUGE
SPS	STATIC PRESSURE SENSOR
CO	CARBON DIOXIDE SENSOR
CO_2	CARBON DIOXIDE SENSOR
DPS	DIFFERENTIAL PRESSURE SENSOR
OS	OCCUPANCY SENSOR (REFER TO ELECTRICAL FOR MORE INFO)
	THERMOSTAT CONTROL WIRE
	EXISTING TO BE DEMOLISHED
	EXISTING TO REMAIN
	NEW CONSTRUCTION
	CONNECT AT THIS POINT
	REMOVE TO THIS POINT
A 500$ B 500$ E 500$	AIR DEVICE TAG DENOTING CFM QUANTITY AND SCHEDULES TYPE S = SUPPLY R = RETURN E - EXHAUST
TU-1-1 / 1000	EQUIPMENT TAG / CFM TERMINAL UNIT TAG TU = SINGLE DUCT FPTU = FAN POWERED DDTU= DUAL DUCT SAV = SUPPLY AIR VALVE EAV = EXHAUST AIR VALVE
EQUIPMENT	EQUIPMENT CLEARANCE

SECTION CALLOUT SYMBOL

SECTION NUMBER — 1
SHEET NUMBER — M201

GENERAL CALLOUT SYMBOL

ENLARGED PLAN DETAIL NUMBER — 1
ENLARGED PLAN SHEET NUMBER — M201

GENERAL NOTES

1. THESE NOTES APPLY TO ALL MECHANICAL SHEETS.
2. ALL EQUIPMENT, MATERIALS AND INSTALLATION METHODS SHALL BE PROVIDED AND INSTALLED AS OUTLINED IN THE SPECIFICATIONS AND THE DRAWINGS.
3. STANDARD DETAILS ILLUSTRATED ON THE DRAWINGS SHALL BE APPLIED IN ALL CASES WHERE THE FEATURE OCCURS IN THE SYSTEM DESIGN.
4. DRAWING ARE SCHEMATIC IN NATURE. VERIFY DIMENSIONS AND EQUIPMENT LOCATIONS IN THE FIELD. CONTRACTOR SHALL VERIFY EXACT LOCATION AND CONFIGURATION OF EXISTING INSTALLATIONS TO REMAIN.
5. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL DUCTWORK AND PIPING WITH OTHER TRADES AND PROVIDING OFFSETS IN DUCTWORK AND PIPING AS REQUIRED. ALL DUCTWORK SHALL BE ROUTED AS CLOSE TO STRUCTURE AS POSSIBLE WITH MAIN TRUNK DUCTS ABOVE BRANCH DUCTS TO CEILING AIR DEVICES.
6. COORDINATE MECHANICAL EQUIPMENT ABOVE CEILING WITH LIGHT FIXTURES, ELECTRICAL EQUIPMENT, AND PIPING TO CODE REQUIRED CLEARANCE AND MAINTAIN MANUFACTURER RECOMMENDED CLEARANCES FOR MAINTENANCE.
7. COORDINATE ALL DUCTWORK, PIPING, PLUMBING AND FIRE PROTECTION PIPING WITH STRUCTURAL AND ELECTRICAL SYSTEMS AND PROVIDE NECESSARY OFFSETS TO AVOID CONFLICTS AND TO MAINTAIN EQUIPMENT ACCESS AND SERVICEABILITY.
8. MAJOR EQUIPMENT SHOWN ON THE PLANS AND ELEVATIONS ILLUSTRATE THE GENERAL ARRANGEMENT AND SPACE ALLOCATIONS. THE CONTRACTOR SHALL VERIFY THE SPACE REQUIREMENTS FOR EACH SYSTEM COMPONENT USING MANUFACTURER CERTIFIED SHOP DRAWINGS AND MAKE THE NECESSARY ADJUSTMENTS IN EQUIPMENT PLACEMENT AND CONNECTION IN ORDER TO ACCOMMODATE THE EXACT EQUIPMENT INSTALLED.
9. SIZE RIGID ROUND AND FLEX DUCT RUN-OUTS TO DIFFUSERS IN ACCORDANCE WITH THE AIR DEVICE RUNOUT SCHEDULE. ALL ROUND RUNOUTS AND DROPS TO DIFFUSERS SHALL BE THE SAME NOMINAL SIZE AS THE SCHEDULED DIFFUSER NECK SIZE.
10. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL FIRE RATED AND/OR SMOKE RATED WALLS AND ASSEMBLIES. PROVIDE APPROVED FIRE DAMPERS IN ALL REQUIRED PENETRATIONS FOR DUCTWORK, GRILLES, REGISTERS AND DIFFUSERS. ALL PIPE AND DUCTWORK PENETRATIONS OF FIRE, SMOKE AND FULL HEIGHT WALLS SHALL BE CAULKED AIRTIGHT TO THE ADJACENT STRUCTURE BY MEANS OF U.L. APPROVED FIRE PROOF CAULKING MATERIAL.
11. PROVIDE SMOKE DETECTORS AS INDICATED ON THE MECHANICAL PLANS AND AS REQUIRED BY NFPA 90A AND LOCAL CODES. COORDINATE WITH FIRE ALARM TRADE.
12. CEILING SUPPLY AIR DIFFUSERS ARE FOUR WAY THROW UNLESS NOTED ON THE DRAWINGS WITH FLOW ARROWS. REFER TO AIR DEVICE SCHEDULE FOR ADDITIONAL INFORMATION.
13. PROVIDE ACCESS PANELS OR DOORS IN INACCESSIBLE CEILINGS AND/OR CHASES FOR ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, COILS, FANS, CONTROLS, ETC. REFER TO SPECIFICATIONS AND COORDINATE WITH ARCHITECTURAL. ACCESS DOOR RATING SHALL MATCH CLASSIFICATION OF WALL AND CEILING FIRE RATING.
14. ALL DUCTWORK SIZES SHOWN ARE CLEAR NET INSIDE DIMENSION IN INCHES. SUPPLY, RETURN AND EXHAUST DUCTWORK ARE EXTERNALLY INSULATED UNLESS OTHERWISE INDICATED. CONTRACTOR IS REQUIRED TO COORDINATE ACTUAL DUCT ROUTING AND SIZING AS NECESSARY FOR MAINTAINING REQUIRED CLEARANCES IN COORDINATION WITH OTHER TRADES. RESIZING OF DUCT, IF NECESSARY, SHALL BE BASED ON EQUAL FRICTION METHOD. REFER TO SPECIFICATIONS.
15. ALL PIPING AND DUCTS IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR SUSPENDED CEILINGS, UNLESS OTHERWISE NOTED.
16. PROVIDE ALL NECESSARY MISCELLANEOUS ANGLES, CHANNELS, UNISTRUT, ETC., AS REQUIRED TO ADEQUATELY SUPPORT THE MECHANICAL PIPING, DUCTWORK, AND EQUIPMENT, COORDINATE WITH STRUCTURAL.
17. FURNISH ALL NECESSARY STRUCTURES, INSERTS, SLEEVES, AND HANGING DEVICES FOR INSTALLATION OF MECHANICAL AND PLUMBING EQUIPMENT, DUCTWORK AND PIPING, ETC. COORDINATE WITH ALL BUILDING TRADES TO AVOID CONFLICTS AND TO MAINTAIN EQUIPMENT ACCESS AND SERVICEABILITY.
18. THE CONTRACTOR SHALL COORDINATE WORK AFFECTING OCCUPIED AREAS OUTSIDE OF THE SCOPE OF WORK AREA WITH THE OWNER. EXISTING UTILITIES PASSING THROUGH THE SCOPE OF WORK AREA ARE TO REMAIN IN SERVICE THROUGHOUT THE PROJECT. RELOCATION AND INTERRUPTION OF EXISTING SERVICES ARE TO BE CLOSELY COORDINATED WITH THE BUILDING OWNER TO MEET THE REQUIREMENTS OF THE HOSPITAL AND BUILDING SCHEDULE. THE CONTRACTOR'S BID SHALL INCLUDE COST FOR OVERTIME WORK AS REQUIRED TO ACCOMMODATE THE OWNER'S OPERATING SCHEDULE.
19. REFER TO ARCHITECTURAL CEILING PLANS FOR CEILING TYPES AND COORDINATE EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES. COORDINATE AIR DEVICE MOUNTING TYPE WITH CEILING CONSTRUCTION.
20. REFER TO ARCHITECTURAL INTERIOR ELEVATION DRAWINGS FOR EXACT LOCATION OF ALL WALL MOUNTED DEVICES WHERE THE ARCHITECT HAS INDICATED ITEMS.
21. MAINTAIN NEC CLEARANCE REQUIREMENTS ON ENERGIZED EQUIPMENT.
22. PROVIDE MANUAL DAMPER FOR ALL BRANCH DUCTS AND AIR DEVICES.
23. PROVIDE TURNING VANES IN ALL MITERED SQUARE ELBOWS WITH EXCEPTION OF TRANSFER AIR SOUND ELBOWS.
24. SEAL ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, DUCT WALL PENETRATIONS AND FITTING CONNECTIONS ON ALL DUCT SYSTEMS.

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REVISIONS

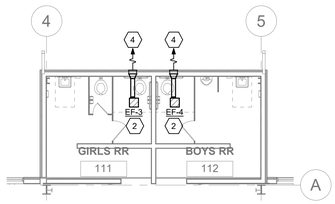
NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

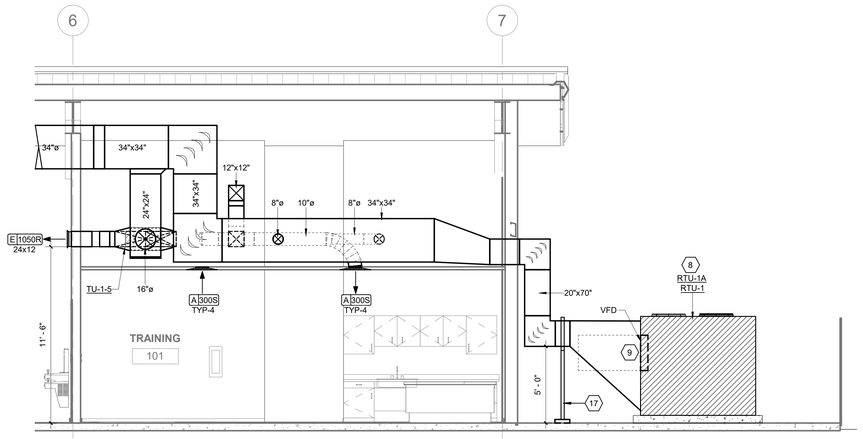
MECHANICAL GENERAL INFORMATION

Project Number:
201924
Sheet issue date:
2020.08.20

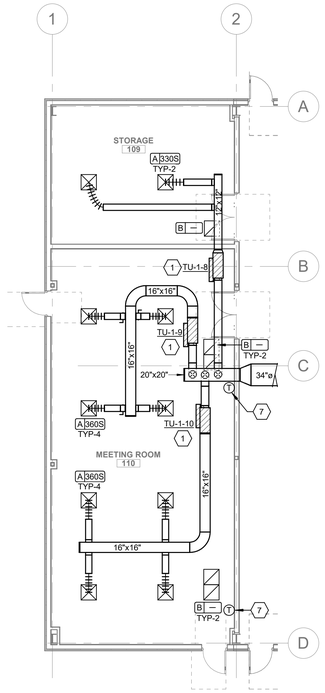
M001



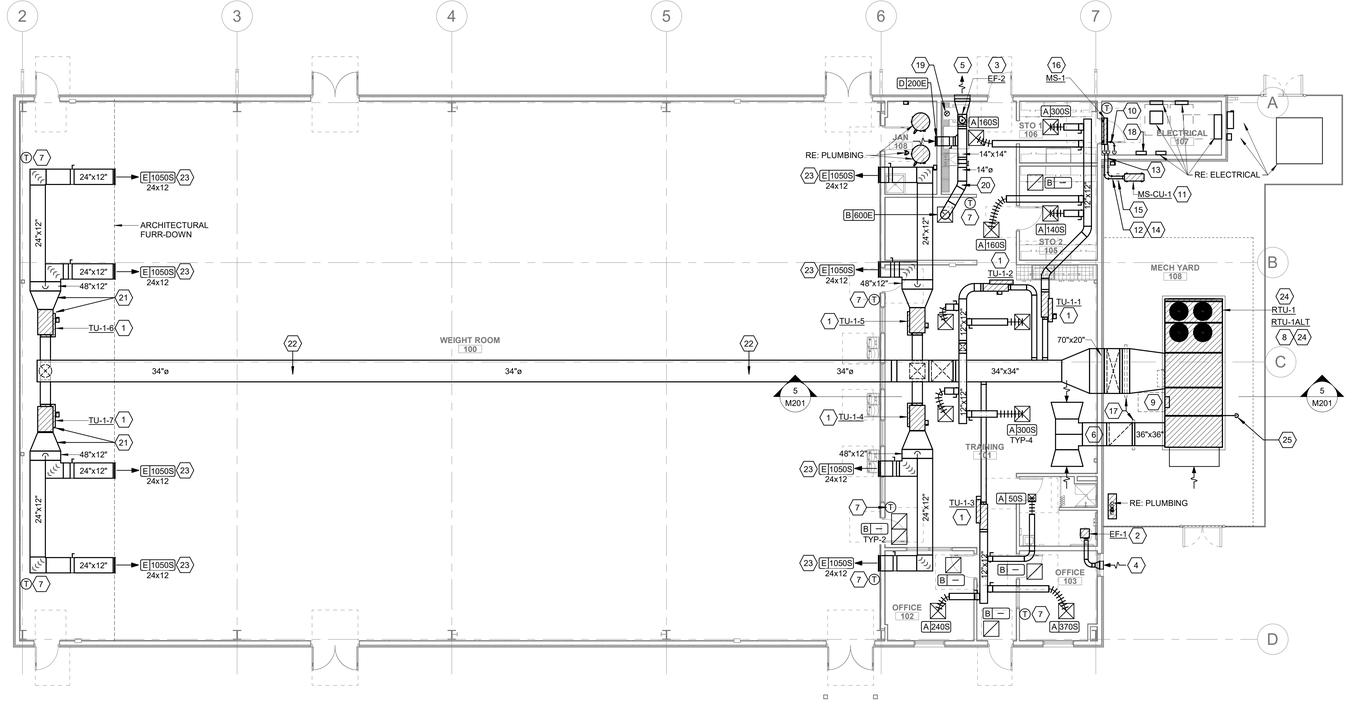
3 MECHANICAL FLOOR PLAN - RESTROOMS - ALTERNATE 2
1/8" = 1'-0"



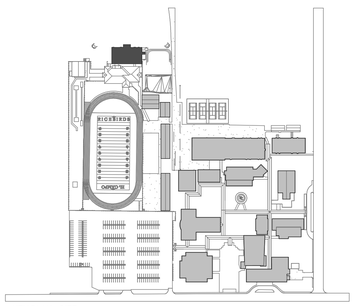
5 MECHANICAL SECTION - TRAINING ROOM
1/4" = 1'-0"



2 MECHANICAL FLOOR PLAN - WEIGHT ROOM - ALTERNATE 1
1/8" = 1'-0"



1 MECHANICAL FLOOR PLAN - WEIGHT ROOM
1/8" = 1'-0"



KEY PLAN - SITE

PLAN NORTH

TRUE NORTH

SCALE: 1/8" = 1'-0"

0' 4' 8' 16'

GENERAL NOTES

A. CONTRACTOR TO VERIFY ROUTING WITH STRUCTURAL AND OTHER TRADES.

B. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

C. MAINTAIN EQUIPMENT MANUFACTURER'S ACCESS CLEARANCES.

D. COORDINATE ALL CEILING AIR DEVICES WITH ELECTRICAL LIGHTING AND ARCHITECTURAL REFLECTED CEILING PLAN.

E. SLOPE CONDENSATE DRAIN LINES A MINIMUM OF 1/8" INCH PER FOOT. PROVIDE CLEANOUT AT EVERY CHANGE OF DIRECTION. ALL FLOOR DECK MOUNTED UNITS SHALL BE RAISED AS NECESSARY TO ALLOW INSTALL REQUIRED FOR P-TRAP AND DRAIN LINE SLOPE TO FLOOR DRAIN.

F. PROVIDE MANUAL BALANCING DAMPERS AT ALL BRANCH TAPS (TYPICAL).

G. PROVIDE YOUNG REGULATORS AT VOLUME DAMPERS ABOVE INACCESSIBLE CEILINGS. REFER TO DETAIL 13/M501 FOR ADDITIONAL INFORMATION.

SHEET KEYED NOTES

1. TERMINAL UNIT SUSPENDED ABOVE CEILING. MAINTAIN MANUFACTURER'S REQUIRED CLEARANCE FOR ELECTRICAL HEATING COIL AND CONTROLS PANELS.
2. CEILING MOUNTED EXHAUST FAN WITH BACKDRAFT DAMPER. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
3. IN-LINE EXHAUST FAN MOUNTED FROM STRUCTURE.
4. 1.0' SQUARE FOOT FREE AREA EXHAUST AIR LOUVER. REFER TO ARCHITECTURAL FOR ADDITIONAL INFORMATION. RE: DETAIL 7/M502 FOR DUCT TRANSITION TO EXTERIOR LOUVER.
5. 1.6' SQUARE FOOT FREE AREA EXHAUST AIR LOUVER. REFER TO ARCHITECTURAL FOR ADDITIONAL INFORMATION. MAINTAIN LOUVER A MINIMUM OF 3'-0" ABOVE EXTERIOR DOOR.
6. PROVIDE RETURN AIR DUCT WITH FIBER FREE INTERNAL LINER.
7. WALL MOUNTED THERMOSTAT WITH LOCKABLE SCREEN. COORDINATE LOCATION WITH OTHER TRADES.
8. REFER TO SCHEDULE FOR RTU-1A AS PART OF ALTERNATE 1.
9. MAINTAIN MANUFACTURER'S RECOMMENDED SPACE BETWEEN SUPPLY AND RETURN DUCTS TO PROVIDE ACCESS TO UNIT INTEGRATED VFD.
10. ROUTE 1" CONDENSATE DRAIN LINE DOWN TO FLOOR DRAIN. PROVIDE 90 DEGREE ELBOW DOWN INTO FLOOR DRAIN. REFER TO PLUMBING. (TYPICAL).
11. AIR COOLED CONDENSING UNIT MOUNTED AND SECURED ON 4" THICK CONCRETE HOUSEKEEPING PAD.
12. PROVIDE EXPOSED PIPING WITH ELASTOMERIC INSULATION AND ALUMINUM JACKETING. REFER TO SPECIFICATIONS. (TYPICAL).
13. ROUTE SLEEVED REFRIGERANT PIPE THRU WALL AND SEAL WATER TIGHT.
14. SIZE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. (TYPICAL).
15. MOUNT AND SECURE PIPING TO PIPE SUPPORT. REFER TO 12/M501 FOR DETAIL.
16. WALL MOUNTED MINI-SPLIT UNIT MOUNTED ABOVE DOOR. COORDINATE LOCATION WITH OTHER TRADES.
17. MOUNT AND SECURE DUCT TO SUPPORT (TYPICAL). REFER TO 7/M501.
18. DDC CONTROL PANEL. CONTROLS CONTRACTOR SHALL COORDINATE LOCATION AND ELECTRICAL CONNECTION WITH ELECTRICAL CONTRACTOR.
19. 8" DRYER VENT UP TO ROOF WITH VENT CAP. REFER TO 4/M502 FOR DRYER VENT AT ROOF TERMINATION DETAIL.
20. PROVIDE WHIRLPOOL EXHAUST DUCT MAIN WITH ALUMINUM CONSTRUCTION. SLOPE DUCT BACK TO CEILING AIR DEVICE.
21. TERMINAL UNIT AND ASSOCIATED DUCTWORK SUSPENDED ABOVE ARCHITECTURAL FURR-DOWN. MAINTAIN MANUFACTURE'S RECOMMENDED CLEARANCES FROM FURR-DOWN WALLS.
22. EXPOSED DUCT SHALL BE DOUBLEWALL SPIRAL CONSTRUCTION. ROUTE IN CENTER OF SPACE AND TIGHT TO STRUCTURE. COORDINATE ROUTING WITH OTHER TRADES.
23. MOUNT BOTTOM OF DRUM LOUVER 11'-6" A.F.F. COORDINATE LOCATION WITH OTHER TRADES.
24. PACKAGED RTU MOUNTED ON GRADE. PROVIDE WITH 6" CONCRETE HOUSEKEEPING PAD.
25. ROUTE 2" CONDENSATE DRAIN LINE FROM RTU TO NEAREST AREA DRAIN. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

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REVISIONS

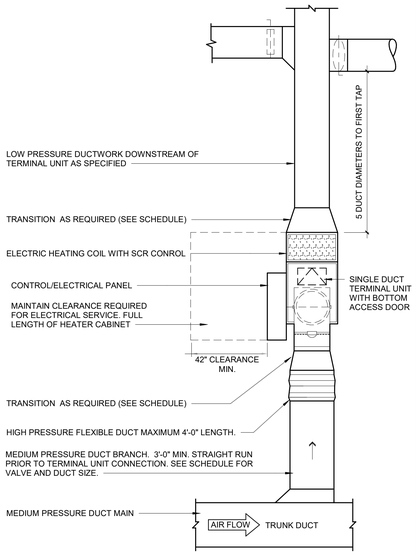
NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

MECHANICAL FLOOR PLAN - WEIGHT ROOM

Project Number:
201924
Sheet issue date:
2020.08.20

M201

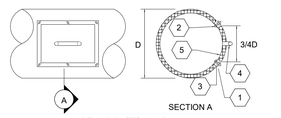


NOTES:

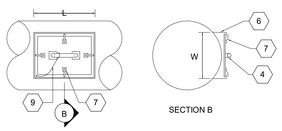
1. SUPPORT FLEX DUCT FROM STRUCTURE AS SPECIFIED. DUCT SHALL NOT KINK, SAG OR REST ON LIGHT FIXTURES, CEILING SUPPORT TEES OR TILE.
2. SUPPORT BOX WITH DUCT STRAPS AT ALL FOUR CORNERS.
3. CONFIGURATION SHOWN IS A SCHEMATIC AND DOES NOT REPRESENT THE SPECIFIC UNIT.
4. PROVIDE SUFFICIENT CLEARANCE TO ACCESS CONTROL BOX.
5. PROVIDE RECOMMENDED STRAIGHT DUCT WORK BEFORE TERMINAL UNIT SENSOR INLET.

17 SINGLE DUCT TERMINAL UNIT - ELECTRIC HEAT

SCALE: N.T.S.

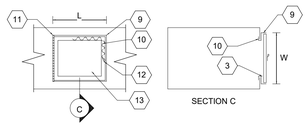


ROUND DUCTS, 4-7" DIA.



W X L	ROUND DUCT DIAMETER	FLAT OVAL DUCT	
		MAJOR AXIS WHEN MOUNTED ON MAJOR AXIS	MINOR AXIS WHEN MOUNTED ON MAJOR AXIS
8" X 12"	8" - 12"	8" - 16"	8" - 11"
12" X 12"	13" - 18"	17" - 24"	12" - 13"
14" X 20"	19" +	25" +	14" +

ROUND OR FLAT OVAL DUCT, 8" +



DUCT DIMENSION ON WHICH ACCESS DOOR IS PLACED	OUTSIDE FRAME W X L
6" - 8"	5" X 12"
9" - 12"	8" X 8"
13" - 15"	12" X 12"
16" - 33"	14" X 14"
34" - 66"	(2) 14" X 14"
67" +	(3) 14" X 14"

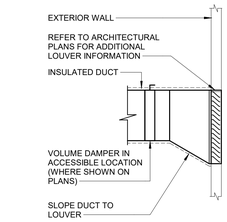
RECTANGULAR DUCTS

1. BOLT AND WING NUT AT MAX. 3' O.C.
2. TACK WELD BOLT TO DUCT
3. PROVIDE GASKET BETWEEN DUCT AND ACCESS
4. DOOR HANDLE
5. INSULATE COVER AS REQUIRED BY DUCT INSULATION SPEC.
6. MIN. 20 GA FRAME WELDED TO DUCT
7. PRESSURE SENSITIVE LATCH FOR VACUUM
8. RELEASE RETAINER CHAIN
9. MIN. 22 GA GALV. STEEL FRAME
10. FRAME SECURED TO DUCT WITH 5/8" NOTCHED KNOCK-OVER EDGES ON ALL SIDES
11. CONTINUOUS HINGE
12. CAM LATCH
13. MIN. 22 GA DOOR

NOTE:
DUCT ACCESS DOORS SHALL BE PROVIDED AT EACH FIRE DAMPER, SMOKE DAMPER, DUCT MOUNTED EQUIPMENT, AND AS REQUIRED FOR DUCT CLEANING AND INSPECTION

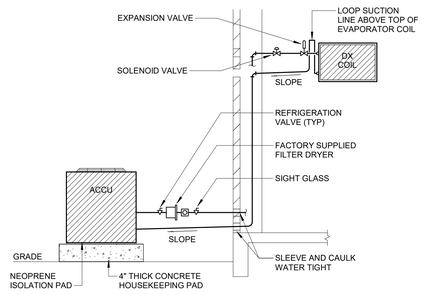
15 DUCT ACCESS DOOR DETAIL

SCALE: N.T.S.



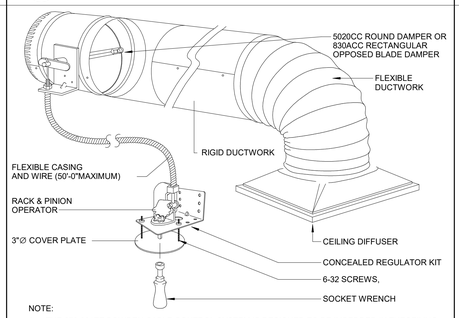
14 DUCT TRANSITION TO EXTERIOR LOUVER

SCALE: N.T.S.



16 REFRIGERANT PIPING INSTALLATION

SCALE: N.T.S.

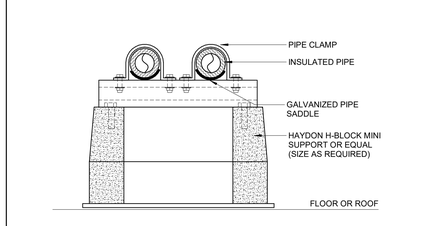


NOTE:

1. THE 270-301EZ BOWDEN CABLE CONTROL SYSTEM IS DESIGNED TO BE IMBEDDED IN THECEILING FLUSH WITH THE FINISHED SURFACE. DAMPER POSITION INDICATOR VISIBLE UNDER COVER PLATE.
2. CABLE SHALL CONSIST OF BOWDEN CABLE 0.054" STAINLESS STEEL CONTROL WIRE ENCAPSULATED IN 1/16" FLEXIBLE GALVANIZED SPIRAL WIRE SHEATH.
3. LOCKING RACK AND PINION GEAR DRIVE SHALL BE CONSTRUCTED OF 14 GAUGE STEEL AND SHALL BE USED TO CONVERT ROTARY MOTION INTO PUSH-PULL MOTION.
4. CONTROL SHAFT SHALL BE "D"-STYLE FLATTENED 1/4" DIAMETER WITH 265° ROTATION PROVIDING 1-1/2" LINEAR TRAVEL CAPABILITY.

13 REGULATOR AT CLG. MOUNTED GRILLE

SCALE: N.T.S.

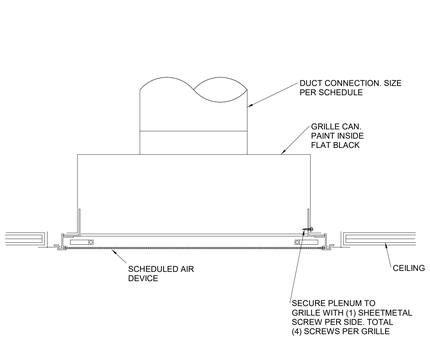


NOTES:

1. SPACING OF SUPPORTS PER SPECIFICATIONS.
2. IF PIPING IS LOCATED ON ROOF, ATTACH SUPPORT BASE TO ROOF MEMBRANE WITH MASTIC APPROVED FOR USE WITH ROOFING SYSTEM.
3. REFER TO MANUFACTURER'S INSTALLATION RECOMMENDATIONS.

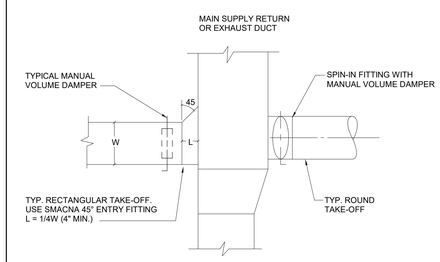
12 MULTIPLE PIPE SUPPORT

SCALE: N.T.S.



11 DUCT PENETRATION THRU ROOF

SCALE: N.T.S.

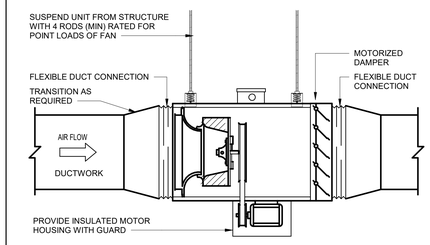


10 DUCT BRANCH TAKE OFF

SCALE: N.T.S.

9 EXHAUST/RETURN AIR CONNECTION

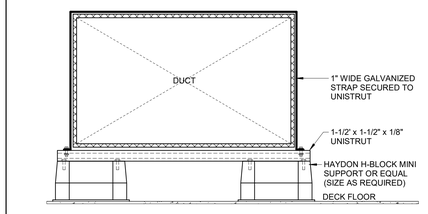
SCALE: N.T.S.



NOTES:
BELT DRIVEN FAN SHOWN IN THIS DETAIL REFER TO SCHEDULE FOR ACTUAL TYPE AND OTHER OPTIONS.

8 IN-LINE FAN MOUNTING DETAIL

SCALE: N.T.S.

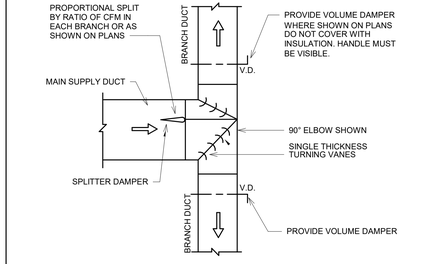


NOTES:

1. SPACING OF SUPPORTS PER SPECIFICATIONS.
2. REFER TO MANUFACTURER'S INSTALLATION RECOMMENDATIONS.

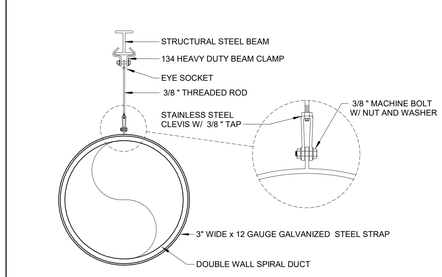
7 DUCT SUPPORT AT MECHANICAL DECK

SCALE: N.T.S.



6 AIR DUCT SPLITTER DETAIL

SCALE: N.T.S.

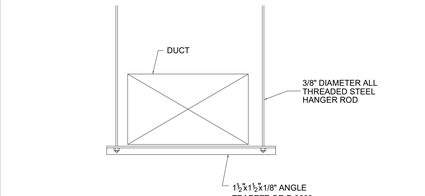


GENERAL NOTES:

1. SUPPORT DUCTWORK FROM STRUCTURE.
2. REFER TO SPEC. SECTION 15140 FOR MAXIMUM SPACING BETWEEN SUPPORTS.
3. PROVIDE STAINLESS STEEL HANGER AND HARDWARE.

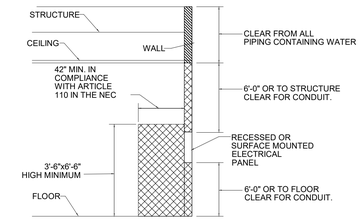
5 ROUND DUCT SUPPORT FROM STRUCTURE

SCALE: N.T.S.



4 DUCT SUPPORT DETAIL

SCALE: N.T.S.

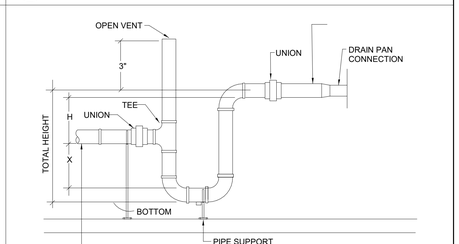


EXCLUSIVELY DEDICATED ELECTRICAL SPACE. NO PIPING OR DUCT SHALL BE ALLOWED WITHIN THESE AREAS

ELECTRICAL SPACE. NO WATER PIPING SHALL BE ALLOWED WITHIN THESE AREAS

3 CLEARANCE REQUIREMENTS AT ELECTRICAL PANELS

SCALE: N.T.S.



TOTAL HEIGHT OF TRAP
= X+H+ (1-1/2 x PIPE DIAMETER)

FOR DRAW THRU UNITS

X= MIN. 1/2 H (PREFERRED X=H)
H= NEGATIVE STATIC PRESSURE +1"

FOR BLOW THRU UNITS

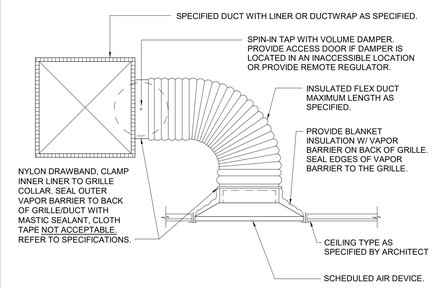
X= FAN STATIC PRESSURE +1" H= MIN. 1"

NOTES:

1. ELEVATE A/C UNIT SUFFICIENT DISTANCE ABOVE FLOOR OR ROOF TO ALLOW FOR INSTALLATION OF TRAP WITH ADEQUATE DIMENSIONS TO WITHSTAND SYSTEM OPERATING PRESSURE. COORDINATE WITH DETAIL FOR A UNIT MOUNTING.
2. TOTAL WIDTH OF TRAP SHALL BE LESS THAN OR EQUAL TO TOTAL HEIGHT OF TRAP.

2 CONDENSATE DRAIN PIPING

SCALE: N.T.S.



NOTE:

1. SUPPORT FLEX DUCT FROM STRUCTURE SO THAT IT DOES NOT KINK, SAG OR REST ON LIGHT FIXTURES, CEILING SUPPORT TEES OR TILE.

1 GRILLE CONNECTION DETAIL

SCALE: N.T.S.

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REVISIONS

NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

MECHANICAL DETAILS

Project Number:
201924
Sheet issue date:
2020.08.20

M501

PACKAGED ROOFTOP UNIT SCHEDULE (MOUNTED ON GRADE)

GENERAL				SUPPLY FAN					DIRTY FILTER SP.WG. ***	AMBIENT TEMPERATURE (F)	DX COOLING						ELECTRICAL			EER / SEER		WEIGHT LBS.	REMARKS
UNIT TAG	AREA SERVED	MANUFACTURER	MODEL	SA CFM	OA CFM	ESP SP.WG. (INCHES)	HP	STARTER	MERV 13		TOTAL LOAD (BTUH)	SENSIBLE LOAD (BTUH)	EAT DB TEMP. (°F)	EAT WB TEMP. (°F)	LAT DB TEMP. (°F)	LAT WB TEMP. (°F)	MCA	MOCP	V/PH/HZ	10.4	14.5		
RTU-1A ALTERNATE 1	WEIGHT ROOM	TRANE	TCH600	15,000	2,100	1.5	15.0	DISCONNECT / VFD	1.0	105	576,360	410,460	78.2	65.4	53.0	52.5	51	60	480/3/60	112	125	5,000	ALL
RTU-1	WEIGHT ROOM	TRANE	TCH600	13,000	2,100	1.5	15.0	DISCONNECT / VFD	1.0	105	441,650	339,060	77.0	64.1	53.0	52.5	51	60	480/3/60	112	125	5,000	ALL

****** TOTAL STATIC PRESSURE = EXTERNAL STATIC PRESSURE, FILTERS (MERV 8) AND INTERNAL LOSSES.***

NOTES:

1. PROVIDE UNIT WITH SINGLE POINT ELECTRICAL CONNECTION AND UNIT MOUNTED DISCONNECT.
2. PROVIDE UNIT MOUNTED RECEPTACLE. CONDUIT AND WIRING SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.
3. PROVIDE FAN SPEED CONTROLLER (VFD) AND FUSED DISCONNECT.
4. PROVIDE WITH FACTORY START-UP AND 8 HOURS OF TRAINING FOR SCHOOL STAFF.
5. PROVIDE WITH INSULATED DRAIN PAN.
6. PROVIDE SMOKE DETECTOR AT UNIT SUPPLY AND RETURN AIR DUCTS. SMOKE DETECTORS TO BE PROVIDED BY DIV. 28. NOTE FOR COORDINATION ONLY.
7. PROVIDE ULTRA LOW LEAK ECONOMIZER WITH BAROMETRIC RELIEF. OUTDOOR AIR DAMPER SHALL CLOSE WHEN UNIT COMPRESSORS IS OFF.
8. PROVIDE LOW AMBIENT CONTROL, AL/CU COILS, MANUFACTURER'S CONTROLS WITH BACNET CARD, LOW SOUND BLANKET ON COMPRESSORS, CONDENSER HAIL GAURDS.
9. PROVIDE DEMAND CONTROL VENTILATION (DCV) AND MANUFACTURER'S Co2 SENSOR.

DUCTLESS MINI-SPLIT SCHEDULE

GENERAL					SUPPLY FAN		FILTER SP.WG.(INCHES)	COOLING COIL (VELOCITY = 450 FPM MAXIMUM)						HEAT PUMP	ELECTRICAL 208/1/60		WEIGHT LBS.	REMARKS
UNIT TAG	AREA SERVED	BASIS OF DESIGN MANUFACTURER	TYPE	MODEL	CFM LOW/MED/HIGH	FLA		TOTAL LOAD (BTUH)	SENSIBLE LOAD (BTUH)	EAT DB TEMP. (°F)	EAT WB TEMP. (°F)	LAT DB TEMP. (°F)	LAT WB TEMP. (°F)	BTUH	MCA	MOCP		
MS-1	SERVER ROOM	CARRIER	HIGH WALL	40MHHQ24-3	353 / 483 / 589	0.45	MERV 7	24,000	22,100	75	63	55	54	25,000	POWERED FROM OUTDOOR UNIT (0.45 MCA)		40	ALL

NOTES:

1. PROVIDE WITH UNIT DISCONNECT.
2. UNIT SHALL BE POWERED FROM ASSOCIATED AIR COOLED CONDENSING UNIT. REFER TO ACCU SCHEDULE FOR ELECTRICAL REQUIREMENTS.
3. PROVIDE WITH CONTROLS KIT CONTROLS KIT.
4. PROVIDE WITH A PROGRAMMABLE THERMOSTAT WITH DIGITAL DISPLAY AND SCHEDULING TO PREVENT UNIT SHORT CYCLING.
7. PROVIDE DRAIN PAN WITH OVERFLOW SENSING SWITCH.

TERMINAL UNIT SCHEDULE

UNIT TAG	AHU SYSTEM NUMBER	MANUFACTURER	MODEL	BOX TYPE	MAX CFM	MIN CFM	S.P. AT INLET (IN) W.G.	MAX. P.D. THRU BOX (IN) W.G.	BOX INLET SIZE (IN)	DUCT RUNOUT TO BOX		ELECTRIC HEATING COIL (SCR CONTROL)				ELECTRICAL	REMARKS
										ROUND	ALTERNATE RECTANGLE	EAT (°F)	LAT (°F)	BTUH	KW	V / PH / HZ	
TU-1-1	RTU-1	PRICE	SVD5	VAV	760	270	1.0	.35	10	12	16x8	50	95	13,122	3.8	277 / 1 / 60	ALL
TU-1-2	RTU-1	PRICE	SVD5	VAV	1,200	420	1.0	.5	12	14	22x8	50	95	20,412	6.0	480 / 3 / 60	ALL
TU-1-3	RTU-1	PRICE	SVD5	VAV	660	240	1.0	.2	8	10	-	50	95	11,664	3.4	277 / 1 / 60	ALL
TU-1-4	RTU-1	PRICE	SVD5	VAV	2,100	740	1.0	.5	14	16	22x10	50	95	35,964	10.5	480 / 3 / 60	ALL
TU-1-5	RTU-1	PRICE	SVD5	VAV	2,100	740	1.0	.5	14	16	22x10	50	95	35,964	10.5	480 / 3 / 60	ALL
TU-1-6	RTU-1	PRICE	SVD5	VAV	2,100	740	1.0	.5	14	16	22x10	50	95	35,964	10.5	480 / 3 / 60	ALL
TU-1-7	RTU-1	PRICE	SVD5	VAV	2,100	740	1.0	.5	14	16	22x10	50	95	35,964	10.5	480 / 3 / 60	ALL
TU-1-8 ALTERNATE 1	RTU-1	PRICE	SVD5	VAV	660	240	1.0	.2	8	10	-	50	95	11,664	3.4	277 / 1 / 60	ALL
TU-1-9 ALTERNATE 1	RTU-1	PRICE	SVD5	VAV	1,440	510	1.0	.5	12	14	22x8	50	95	24,786	7.3	480 / 3 / 60	ALL
TU-1-10 ALTERNATE 1	RTU-1	PRICE	SVD5	VAV	1,440	510	1.0	.5	12	14	22x8	50	95	24,786	7.3	480 / 3 / 60	ALL

NOTES:

1. CONTROLS SHALL BE MOUNTED BY MANUFACTURER.
2. PROVIDE CONTROL VOLTAGE TRANSFORMER.
3. PROVIDE WITH FACTORY INSTALLED ELECTRICAL DISCONNECT.

FAN SCHEDULE

MARK	BUILDING SERVED	TYPE	DRIVE TYPE	AIRFLOW CFM	EXTERNAL SP (IN H20 W.G.)	HP	FAN RPM	VOLT/PHASE/HZ	INTERLOCK	BASIS OF DESIGN MANUFACTURER / MODEL	WEIGHT (LBS)	NOTES
EF-1	TOILET	CEILING	DIRECT DRIVE	150	0.5	29 WATTS	854	277 / 1 / 60	LIGHT SWITCH RE:ELECTRICAL	GREENHECK SP-A390-VG	40	1,2,3,4
EF-2	JANITOR / WHIRLPOOL	IN-LINE	DIRECT DRIVE	800	0.5	1/4	1,725	277 / 1 / 60	LIGHT SWITCH RE:ELECTRICAL	GREENHECK SQ-99-VG	65	2,3,4,5
EF-3 ALTERNATE 2	TOILET	CEILING	DIRECT DRIVE	150	0.5	29 WATTS	854	277 / 1 / 60	LIGHT SWITCH RE:ELECTRICAL	GREENHECK SP-A390-VG	40	1,2,3,4
EF-4 ALTERNATE 2	TOILET	CEILING	DIRECT DRIVE	150	0.5	29 WATTS	854	277 / 1 / 60	WALL SWITCH RE:ELECTRICAL	GREENHECK SP-A390-VG	40	1,2,3,4

NOTES:

1. PROVIDE WITH BACKDRAFT DAMPER.
2. PROVIDE WITH FACTORY MOUNTED DISCONNECT.
3. PROVIDE WITH ALUMINUM CONSTRUCTION.
4. PROVIDE VARIGREEN DIAL CONTROL.
5. PROVIDE WITH MOTORIZED DAMPER, ELECTRONIC ACTUATOR AND AUXILIARY SWITCH INTERLOCKED WITH FAN.

MINI SPLIT AIR COOLED CONDENSER SCHEDULE

GENERAL					TOTAL LOAD (BTUH)	OA DB TEMP (° F)	ELECTRICAL			SEER / EER	WEIGHT LBS.	REMARKS
UNIT TAG	ASSOCIATED UNIT	AREA	BASIS OF DESIGN MANUFACTURER	MODEL			V/PH/HZ	MCA	MOCP			
MS-CU-1	MS-1	SERVER ROOM	CARRIER	38MHRQ24A-3	24,000	105.0	208/1/60	16	25	16.8 / 10.5	105	1,2,3,4

NOTES:

1. MOUNT AND SECURE TO 4" CONCRETE PAD.
2. WITH REFRIGERANT 410A
3. WITH DISCONNECT SWITCH.
4. CONDENSER LOCATED 10 FT BELOW EVAPORATOR.

NECK SIZING SCHEDULE

CFM RANGE	SUPPLY CEILING TYPE		RETURN & EXHAUST CEILING TYPE		SUPPLY / RETURN / EXHAUST SIDEWALL TYPE
	ROUND NECK SIZE	SQUARE NECK SIZE	ROUND NECK SIZE	SQUARE NECK SIZE	NOM. DUCT SIZE
0 - 120	6"Ø	6" X 6 "	8"Ø	8" X 8 "	8" X 6 "
121 - 210	8"Ø	8" X 8 "	10"Ø	10" X 10 "	12" X 6 "
211 - 330	10"Ø	10" X 10 "	12"Ø	12" X 12 "	18" X 6 "
331 - 470	12"Ø	12" X 12 "	14"Ø	15" X 15 "	24" X 6 "
471 - 725	14"Ø	15" X 15 "	15"Ø	16" X 16 "	24" X 10 "
726 - 850	15"Ø	16" X 16 "	-	20" X 20"	30" X 12"
851-1200	-	-	-	-	36" X 12"

AIR DEVICE SCHEDULE

MARK	TYPE	MANUFACTURER / MODEL	REMARKS
A	ARCHITECTURAL SQUARE PANEL SUPPLY AIR DIFFUSER	TITUS OMNI	24"x24" OR 12"x12" FACE AREA. AIR PATTERN SHALL BE 4-WAY THROW UNLESS OTHERWISE NOTED ON DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPE & CONSTRUCTION DETAILS. FLEX SUPPLYING DUCT TO BE SAME AS NECK SIZE. PROVIDE WHITE FINISH. PROVIDE DIFFUSER WITH INSULATED BACK (EXTERNAL TO AIRFLOW).
B	ARCHITECTURAL SQUARE PANEL RETURN/EXHAUST AIR GRILLE	TITUS OMNI	24"x24" OR 12"x12" FACE AREA. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPE & CONSTRUCTION DETAILS. INCLUDE INSULATED BACK PLENUM . PROVIDE WITH WHITE FINISH.
C	LOUVERED FACE SIDEWALL GRILLE	TITUS 300FL	EXTRUDED ALUMINUM SUPPLY AIR DOUBLE-DEFLECTION RECTANGULAR SIDEWALL DIFFUSER, 3/4" SPACE BLADES. FRONT BLADES PARALLEL TO SHORT SECTION. REFER TO PLANS FOR SIZE (W"xH") AND AIR QUANTITY. PROVIDE WITH WHITE FINISH.
D	LOUVERED FACE SIDEWALL GRILLE	TITUS 350FL	ALUMINUM RETURN/EXHAUST RECTANGULAR SIDEWALL DIFFUSER, 3/4" SPACE BLADES. FRONT BLADES PARALLEL TO LONG SECTION. REFER TO PLANS FOR SIZE (W"xH") AND AIR QUANTITY. PROVIDE WITH WHITE FINISH.
E	DRUM LOUVER	PRICE AHCD	EXTRUDED ALUMINUM, ROTATABLE DRUM WITH SPLIT ADJUSTABLE VANES. COORDINATE COLOR WITH ARCHITECT.

NOTES:

1. CEILING DIFFUSERS ARE 4-WAY UNLESS INDICATED OTHERWISE IN THE DRAWINGS.
2. PROVIDE OPTIONAL BLOW CLIPS FOR 3-WAY, 2-WAY AND 1-WAY THROWS.
3. ALL VISIBLE SURFACES OF THE RETURN/EXHAUST PLENUM AND DUCT CONNECTION SHALL BE PAINTED FLAT BLACK.
4. AIR DEVICE FRAME AND STYLE SHALL MATCH CEILING TYPE. COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN.

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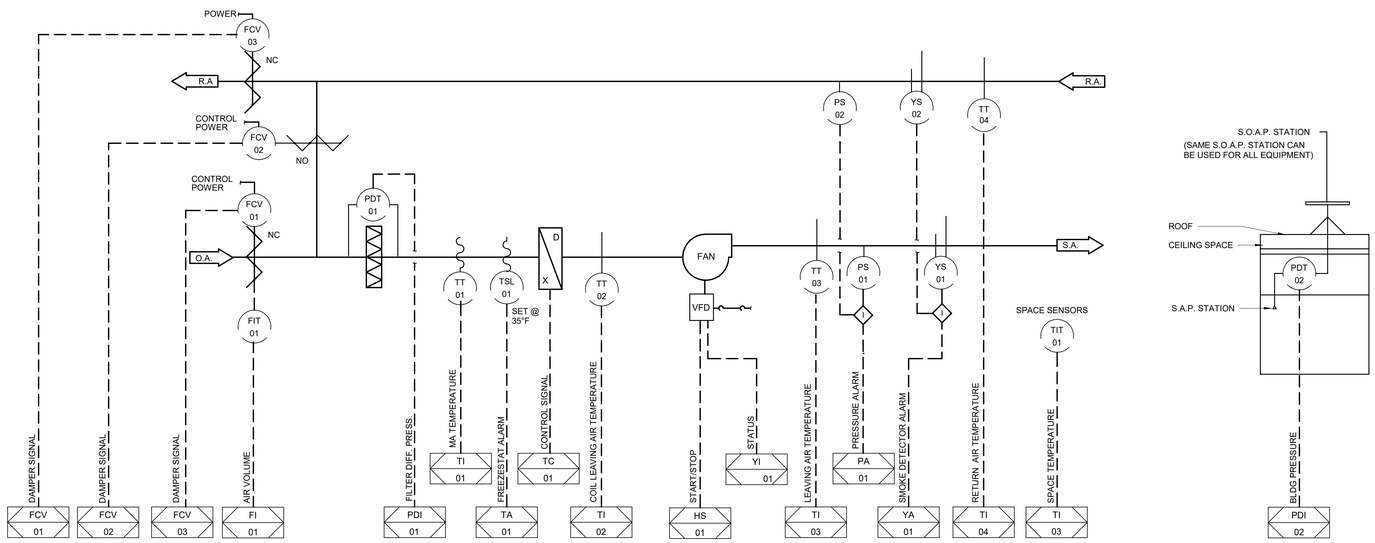
MECHANICAL SCHEDULES

Project Number: 201924
Sheet issue date: 2020.08.20

M701



RTU SHALL BE FURNISHED WITH FACTORY DDC CONTROLS. THE CONTRACTOR SHALL PROVIDE INSTALLATION FOR ALL FIELD INSTALLED DEVICES FURNISHED WITH THE MECHANICAL EQUIPMENT IN ADDITION TO THE DEVICES REQUIRED IN THE DIAGRAM ABOVE. REFER TO PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SEQUENCE OF OPERATION

PROGRAMMING
THE ROOFTOP UNIT SHALL BE PROGRAMMED ACCORDING TO THE FOLLOWING SEQUENCE OF OPERATIONS INCLUDING ALL ENERGY REDUCTION OPERATIONS DESCRIBED IN THIS SEQUENCE AND IN THE PROJECT SPECIFICATIONS.

SYSTEM STATUS DISPLAY
THE DISPLAYS SHALL INCLUDE ALL POINTS INDICATED ON THE DRAWINGS AND ANY OTHERS REQUIRED TO ACHIEVE THE SEQUENCE OF OPERATIONS. THE UNIT CONTROLLER SHALL BE ABLE TO INTEGRATE SYSTEM DIAGNOSTICS INTO CONTROL ACTION DECISIONS. THIS SHALL ALSO INCLUDE THE ABILITY TO DESIGNATE INDIVIDUAL UNITS AS BEING IN MAINTENANCE MODE TO AVOID GENERATING ALARMS. ALL SYSTEM CONTROL AND STATUS EVENTS SHALL BE RECORDED, AT THE OPERATOR'S SELECTION TO FACILITATE TROUBLESHOOTING. ALL DETECTED ALARMS OR FAILURES SHALL INITIATE AN ALARM WITHIN THE UNIT.

POWER FAILURE RECOVERY
THE POWER FAILURE RECOVERY CAPABILITY SHALL RETURN THE SYSTEM TO ITS LAST STATE (BEFORE THE BUILDING LOST POWER).

OCCUPANCY CONTROL
THE RTU SHALL BE SETUP WITH AN OCCUPANCY SCHEDULE FOR DIFFERENT AREAS OF THE FACILITY. THE OWNER SHALL BE INTERVIEWED BY THE CONTRACTOR BEFORE START-UP TO ESTABLISH THESE SCHEDULES. EACH TERMINAL BOX SHALL BE TIED IN TO A ZONE OCCUPANCY SENSOR FOR USE IN CONSERVING ENERGY WHILE UNOCCUPIED. AN AFTER HOURS OVERRIDE SHALL BE PROVIDED.

MINIMUM OUTSIDE AIR VOLUME SETPOINT CONTROL
OUTSIDE AIR VOLUME SHALL BE CONSTANT AND SHALL MATCH CFM ON SCHEDULE DURING UNOCCUPIED PERIODS, VAV BOXES SHALL GO TO MINIMUM CFM. CONTRACTOR SHALL COORDINATE WITH MANUFACTURER SELECTED TO ENSURE RTU IS NOT OPERATED BELOW MANUFACTURER'S RECOMMENDED MINIMUM AIRFLOW.

SUPPLY AIR TEMPERATURE CONTROL
THE RTU COMPRESSORS SHALL BE STAGED TO MAINTAIN THE SUPPLY AIR TEMPERATURE SETPOINT OF 52 F (ADJ.). ZONE HEATING COILS WILL HEAT SPACE TO MEET ZONE T-STAT REQUIREMENTS.

SUPPLY AIR STATIC SETPOINT CONTROL
A DUCT MOUNTED STATIC PRESSURE TRANSDUCER LOCATED TWO THIRDS THE DISTANCE DOWN THE LONGEST PRIMARY DUCT SYSTEM SERVED BY THE AIR HANDLING UNIT. MODULATE THE FAN MOTOR SPEED AS REQUIRED TO MAINTAIN DUCT STATIC PRESSURE SET POINT (ADJUSTABLE). UNIT FAN SHALL ALWAYS START UNLOADED AND INCREASE STATIC PRESSURE GRADUALLY TO SET POINT.

SUPPLY FAN CONTROL
THE SUPPLY FAN VFD SHALL BE ENABLED BASED ON AN OCCUPANCY SCHEDULE FOR THE SPACE PROGRAMMED INTO UNIT CONTROLLER. THE FAN SHALL OPERATE ONLY WHEN COMPRESSORS ARE OPERATING. IF DURING UNOCCUPIED PERIODS, ANY OF THE SPACE TEMPERATURES RISE ABOVE THE UNOCCUPIED COOLING SETPOINT, THE AIR HANDLING UNIT SHALL START AND OPERATE TO CHANGE THE SPACE TEMPERATURE 2°F (ADJUSTABLE) BEFORE STOPPING. IF DURING UNOCCUPIED PERIODS, ANY OF THE SPACE OCCUPANCY SWITCHES ARE ACTIVATED, THE AIR HANDLING UNIT SHALL START AND OPERATE FOR A PERIOD OF TWO HOURS BEFORE STOPPING.

FILTER MONITORING
NONE

SMOKE DETECTORS
SMOKE DETECTORS LOCATED IN THE SUPPLY AIR STREAM, SHALL STOP THE FAN IF AN ALARM CONDITION IS DETECTED. WHEN THE FANS ARE STOPPED, THE UNIT CONTROLLER SHALL POSITION THE DAMPERS TO THEIR NORMAL STATE.

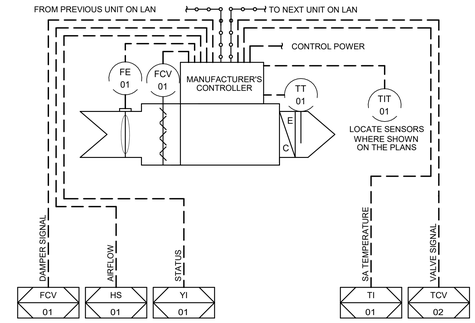
DUCT PRESSURE SAFETY SWITCHES
SAFETY SWITCHES INSTALLED IN THE SUPPLY AND RETURN AIR DUCTS FOR EACH UNIT SHALL ALARM IF THE DUCT PRESSURE IS ABOVE THE HIGH ALARM SETPOINT. THE HIGH ALARM SETPOINT SHALL BE 150% OF THE NORMAL OPERATING STATIC OF THE SYSTEM. IF THE RTU CONTROLLER SENSES AN ALARM CONDITION, THE CONTROLLER SHALL STOP THE SUPPLY FANS.

ECONOMIZER CONTROL
MODULATE THE OUTSIDE AIR AND RETURN AIR DAMPERS IN SEQUENCE TO MAINTAIN THE MIXED AIR TEMPERATURE SETPOINT 2°F (ADJ.) LESS THAN THE DISCHARGE AIR TEMPERATURE SETPOINT.

ECONOMIZER ENABLING
ECONOMIZER SHALL BE ENABLED WHEN OUTSIDE AIR TEMPERATURE IS LESS THAN 68°F (ADJ.), THE OUTSIDE AIR ENTHALPY IS LESS THAN THE RETURN AND ENTHALPY AND THE SUPPLY FANS STATUS ARE ON. WHEN ECONOMIZER IS ENABLED, THE MINIMUM OA DAMPER SHALL MODULATE OPEN BEYOND THE POSITION REQUIRED FOR MINIMUM VENTILATION AIR AND UP TO FULLY OPEN AND THE RETURN AIR DAMPER SHALL MODULATE TO MAINTAIN THE LEAVING AIR TEMPERATURE. IF THE OUTSIDE AIR DAMPER IS FULLY OPEN AND THE ECONOMIZER OPERATION ALONE IS NOT SUFFICIENT TO SATISFY THE DISCHARGE AIR TEMPERATURE SETPOINT REQUIREMENT FOR COOLING THE UNIT WILL CALL FOR MECHANICAL COOLING AND RESUME NORMAL COOLING OPERATION.

ECONOMIZER DISABLING
WHEN THE DISCHARGE AIR TEMPERATURE IS OUT OF THE DESIGN LIMITS (55°F TO 45°F) OR THE FREEZESTAT IS ON OR LOSS OF SUPPLY FAN ON STATUS OR IF UNIT IS TURN OFF THE ECONOMIZER MODE IS DISABLE. WHEN THIS CONDITION OCCUR THE OUTSIDE AIR DAMPER SHALL CLOSE TO THE MINIMUM AIR FLOW REQUIRED AND THE RETURN AIR DAMPER SHALL OPEN TO MAINTAIN OUTSIDE AIR.

3 VAV ROOFTOP UNIT CONTROL DIAGRAM
SCALE: N.T.S.



SEQUENCE OF OPERATION

GENERAL NOTES
EACH TERMINAL UNIT SHALL BE EQUIPPED WITH ITS OWN STAND ALONE CONTROLLER. THE WIRING SHOWN IS PROVIDED AS A GENERAL DESCRIPTION AND IS NOT AS A DETAILED WIRING DIAGRAM WHICH VARIES WITH THE MANUFACTURER.

VARIABLE AIR VOLUME TERMINAL UNITS
EACH TERMINAL UNIT SHALL MODULATE THE SUPPLY AIR DAMPER TO MAINTAIN THE SPACE TEMPERATURE CONDITIONS. IF THE ZONE REQUIRES COOLING, THE SUPPLY AIR DAMPER SHALL BE MODULATED BETWEEN THE MINIMUM AND MAXIMUM COOLING AIR FLOWS TO MAINTAIN THE SPACE TEMPERATURE AT THE COOLING SETPOINT OF 73°F (ADJUSTABLE). IF BOX IS AT MINIMUM SETTING AND STILL TOO COLD, THE SCR CONTROL SHALL STAGE THE ELECTRIC HEATING COIL TO MAINTAIN SPACE TEMPERATURE.

EACH ROOM IS EQUIPPED WITH DUAL TECHNOLOGY OCCUPANCY SENSOR TO BE USED TO TURN OFF LIGHTS WHEN UNOCCUPIED AS WELL AS SETBACK VAV TO CLOSED POSITION (OR MINIMUM - ADJUSTABLE). IF VAV SERVES MORE THAN ONE ROOM, ANY OCCUPANCY IN SPACES SHALL OVERRIDE CONTROL. A HI/LO LIMIT SHALL OPEN TERMINAL UNIT SHOULD TEMPERATURE RISE 3ºF DEGREES (ADJ.) OR DROP 5ºF DEGREES (ADJ.) FROM SPACE SETPOINT.

2 TERMINAL UNIT WITH ELECTRIC REHEAT CONTROL DIAGRAM
SCALE: N.T.S.

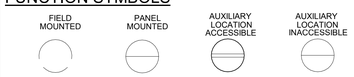
INSTRUMENTATION ABBREVIATION LIST

CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION
AA	ANALYTICAL ALARM	LA	LEVEL ALARM	VA	VIBRATION ALARM
AE	ANALYTICAL ELEMENT	LC	LEVEL CONTROLLER (STAND ALONE)	VS	VIBRATION SWITCH
AET	ANALYTICAL ELEMENT TRANSMITTER	LCV	LEVEL CONTROL VALVE		
AI	ANALYTICAL INDICATOR	LE	LEVEL ELEMENT	XV	SOLENOID VALVE
AC	ANALYTICAL CONTROLLER	LIC	LEVEL INDICATING CONTROLLER		
AIC	ANALYTICAL INDICATING CONTROLLER	LIT	LEVEL INDICATING TRANSMITTER	YA	EQUIPMENT ALARM
AT	ANALYTICAL TRANSMITTER	LS	LEVEL SWITCH	YI	EQUIPMENT STATUS
AIT	ANALYTICAL INDICATING CONTROLLER	LT	LEVEL TRANSMITTER	YCD	SMOKE DAMPER
ACV	ANALYTICAL CONTROL VALVE	LY	LEVEL SIGNAL CONVERTER	YS	SMOKE DETECTOR
AY	ANALYTICAL SIGNAL CONVERTER				
		MV	MANUAL HAND VALVE	ZC	POSITION CONTROL
EI	VOLTAGE INDICATOR			ZI	POSITION INDICATOR
EA	VOLTAGE ALARM	NT	HUMIDITY TRANSMITTER	ZS	POSITION SWITCH
ES	VOLTAGE SWITCH (CONTROL RELAY)				
ESL	VOLTAGE SWITCH LOW (24 VAC OR LESS)	PA	PRESSURE ALARM	NC	NORMALLY CLOSED
ET	VOLTAGE TRANSMITTER	PCV	PRESSURE CONTROL VALVE	NO	NORMALLY OPEN
EY	VOLTAGE SIGNAL CONVERTER	PDI	PRESSURE DIFFERENTIAL INDICATOR		
		PDS	PRESSURE DIFFERENTIAL SWITCH		
FA	FLOW ALARM	PDT	PRESSURE DIFFERENTIAL TRANSMITTER		
FCV	FLOW CONTROL VALVE	PI	PRESSURE INDICATOR		
FE	FLOW ELEMENT	PIS	PRESSURE INDICATING SWITCH		
FET	FLOW ELEMENT\TRANSMITTER	PIT	PRESSURE INDICATING TRANSMITTER		
FI	FLOW INDICATOR	PS	PRESSURE SWITCH		
FIT	FLOW INDICATING TRANSMITTER	PT	PRESSURE TRANSMITTER		
FS	FLOW SWITCH	PY	PRESSURE SIGNAL CONVERTER		
FT	FLOW TRANSMITTER				
FY	FLOW SIGNAL CONVERTER	SC	SPEED CONTROL		
		SCM	SPEED CONTROL MANUAL		
HK	MANUAL VARIABLE CONTROL				
HS	HAND SWITCH	TA	TEMPERATURE ALARM		
HSI	HAND SWITCH INDICATOR	TC	TEMPERATURE CONTROLLER		
		TCV	TEMPERATURE CONTROL VALVE		
II	CURRENT INDICATOR	TE	TEMPERATURE ELEMENT		
IA	CURRENT ALARM	TET	TEMPERATURE ELEMENT TRANSMITTER		
IS	CURRENT SWITCH	TI	TEMPERATURE INDICATOR		
IT	CURRENT TRANSMITTER	TIT	TEMPERATURE INDICATING TRANSMITTER		
IY	CURRENT SIGNAL CONVERTER	TIC	TEMPERATURE INDICATING CONTROLLER		
		TS	TEMPERATURE SWITCH		
JIT	POWER INDICATING TRANSMITTER	TSL	FREEZE STAT		
JY	POWER SIGNAL CONVERTER	TT	TEMPERATURE TRANSMITTER		
KC	CLOCK				

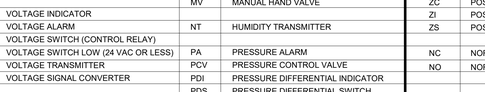
*NOTE: NOT ALL ABBREVIATIONS SHOWN ABOVE MAY NOT BE USED IN THIS PROJECT.

GENERAL INSTRUMENT SYMBOLS

FUNCTION SYMBOLS

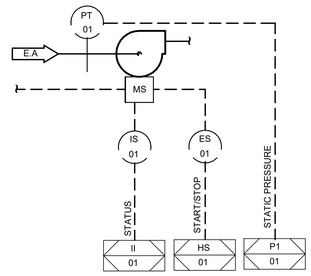


TEMPERATURE



LINE TYPE LEGEND

ELECTRICAL SIGNAL
PNEUMATIC SIGNAL
INTERNAL SYSTEM LINK



SEQUENCE OF OPERATION

THE FAN'S SHALL BE INTERLOCKED WITH RTU SO EXHAUST FAN SHALL ONLY RUN WHEN UNIT IS OPERATING.

1 TYPICAL EXHAUST FAN CONTROL DIAGRAM (EF-2)
SCALE: N.T.S.

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INTERIM REVIEW ONLY
Document incomplete, not intended for regulatory approval, permit, or construction.
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REVISIONS

NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

MECHANICAL CONTROLS

Project Number:
201924
Sheet issue date:
2020.08.20

M801

ABBREVIATIONS

ABBREV.	DEFINITION
A	AMPS, AMPERE
AC	ALTERNATING CURRENT
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AVAILABLE INTERRUPTING CURRENT
AL	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ATSC	AUTOMATIC TRANSFER SWITCH CONTROL
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLF	CURRENT LIMITING FUSE
CO	CONDUIT ONLY
CU	COPPER
DC	DIRECT CURRENT
DIA	DIAMETER
E	EMERGENCY
EC	EMERGENCY, CRITICAL
EG	ENGINE GENERATOR
EL	EMERGENCY, LIFE SAFETY
EQ	EMERGENCY, EQUIPMENT
EX	EXISTING
F (FUT)	FUTURE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FEDER	FEEDER
FUT.	FUTURE
GEN	GENERATOR
GFI	GROUND FAULT INTERRUPTER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GND	GROUND.
HOA	HAND-OFF-AUTOMATIC.
HP	HORSEPOWER
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
IG	ISOLATED GROUND
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILOVOLT AMPS
KVAR	KILOVOLT AMPS REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR.
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, AND GROUND
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MIN	MINIMUM
MH	MANHOLE
MM	MIXED MEDIA
MTS	MANUAL TRANSFER SWITCH
MVA	MEGAVOLT AMPS
N	NEW
N.A.	NOT APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NEUT	NEUTRAL
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NL	NORMAL
NM	NEW MEXICO
NO	NORMALLY OPEN
OH (O/H)	OVERHEAD
P	POLE
PA	PUBLIC ADDRESS
PC	PHOTOCELL
PH	PHASE
PMCS	POWER MONITORING AND CONTROL SYSTEM
RSC	RIGID STEEL CONDUIT
SEC	SECURITY
SPD	SURGE PROTECTIVE DEVICE
SW	SWITCH
TEMP	TEMPORARY
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
TYP.	TYPICAL
UC	UNDER COUNTER
U/G	UNDERGROUND
UGE	UNDERGROUND ELECTRIC
UL	UNDERWRITERS' LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTABLE POWER SUPPLY
V	VOLTS, VOLTAGE
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WP	WEATHERPROOF
XFER	TRANSFER
XFMR (TRANSF)	TRANSFORMER

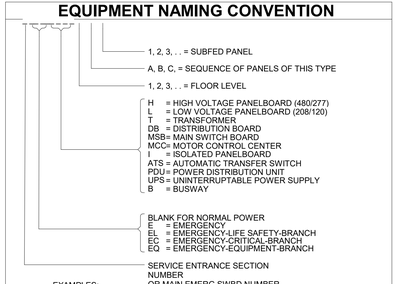
REFERENCE

SYMBOL	DEFINITION
	KEYED NOTE REFERENCE
VAV-9	MECHANICAL EQUIPMENT REFERENCE
+48"	DENOTES MOUNTING HEIGHT A.F.F.
	KITCHEN EQUIPMENT REFERENCE
	MEDICAL EQUIPMENT REFERENCE

GENERAL DRAWING SYMBOLS

- A / E4 — SECTION LETTER OR DETAIL NUMBER / DRAWING NUMBER WHERE DETAILED
- B / E3 E4 — SECTION LETTER OR DETAIL NUMBER / DRAWING NUMBER WHERE DETAILED / DRAWING NUMBER WHERE TAKEN
- NORTH — NORTH ARROW
- 0 10' 20' 40' 80' — SCALE BAR
- 1" = 40'-0"

EQUIPMENT NAMING CONVENTION



EXAMPLES:
A. 5ES1 (SERVICE ENTRANCE SECTION #1)
B. 1H1A (SERVED FROM SES#1, 480/277 NORMAL, LEVEL 1, FIRST BOARD)
C. 1EQH1A (SERVED FROM MAIN EMER SWBD #1, 480/277 EQUIP POWER, LEVEL 1, FIRST BOARD)

RACEWAY & CONDUCTORS

SYMBOL	DESCRIPTION
= GROUND = HOT / PHASE = NEUTRAL = SWITCH LEG	CONDUCTOR IDENTIFICATION SYMBOLS. REFER TO PLANS FOR COMBINATION USE. CONDUCTOR IDENTIFICATION MOSTLY USED IN HOMERUN LOCATION, BUT CAN ALSO BE USED IN BRANCH CIRCUITING WHERE APPLIED. GROUND CONDUCTORS SHALL BE INSTALLED IN ALL RACEWAYS WHETHER SHOWN OR NOT.
LA-1 LA-1,3 LA-1,3,5	HOMERUN TO EQUIPMENT LOCATION. THE CIRCUIT NUMBER ADJACENT TO HOMERUN INDICATES EQUIPMENT AND INDIVIDUAL SINGLE POLE CIRCUIT BREAKER(S). CONDUCTOR IDENTIFICATION SYMBOL INDICATES NUMBER OF CONDUCTORS IN HOMERUN. MINIMUM #12 CONDUCTORS SHALL BE PROVIDED IN HOMERUN UON. ALL HOMERUNS SHALL INCLUDE GROUND WIRE.
LA-7 LA-13	HOMERUN TO EQUIPMENT LOCATION. THE CIRCUIT NUMBER ADJACENT TO HOMERUN INDICATES EQUIPMENT AND INDIVIDUAL TWO OR THREE POLE CIRCUIT BREAKERS. CONDUCTOR IDENTIFICATION SYMBOL INDICATES NUMBER OF CONDUCTORS IN HOMERUN. MINIMUM #12 CONDUCTORS SHALL BE PROVIDED IN HOMERUN UON. NEUTRAL MAY BE USED WHERE INDICATED ON PLAN. ALL HOMERUNS SHALL INCLUDE GROUND WIRE.
	CONCEALED RACEWAY BETWEEN DEVICES AND OR EQUIPMENT IN WALLS OR IN CEILING SPACE
	UNDERGROUND RACEWAY BETWEEN DEVICES AND OR EQUIPMENT
	EXPOSED RACEWAY BETWEEN DEVICES AND OR EQUIPMENT ON WALLS OR CEILINGS
DOWN UP	CONDUIT TURNS
	CONDUIT STUBBED AND CAPPED
B	BUSWAY
G	GROUNDING CONDUCTOR
	CABLE TRAY - POWER
T	TELECOMMUNICATIONS RACEWAY
D	DATA RACEWAY
V/D	VOICE/DATA COMBINATION RACEWAY
FA	FIRE ALARM RACEWAY

EQUIPMENT

SYMBOL	DESCRIPTION
MSB	MAIN SWITCHBOARD. DASH LINES INDICATE CLEARANCES.
DB	DISTRIBUTION BOARD. DASH LINES INDICATE CLEARANCES.
H1A	FLUSH MOUNTED PANELBOARD. DASH LINES INDICATE CLEARANCES.
L1A	SURFACE MOUNTED PANELBOARD. DASH LINES INDICATE CLEARANCES.
MCC	MOTOR CONTROL CENTER. DASH LINES INDICATE CLEARANCES.
T T1A	DRY TYPE TRANSFORMER.
VFD	VARIABLE FREQUENCY DRIVE
UPS-A	UNINTERRUPTABLE POWER SUPPLY.
ATS-1	AUTOMATIC TRANSFER SWITCH.
G	GROUND BAR

SECURITY

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
CR	CARD READER.	WALL, UON	+48" UON
KP	KEY PAD		
KS	KEY SWITCH		
	CLOSED CIRCUIT TV CAMERA	WALL, UON	+84" UON
MD	MOTION SENSOR; TYPE AS NOTED ON PLANS		
G	GLASS BREAK DETECTOR	WINDOW	SEE PLANS
WS	WINDOW SWITCH		
DS	DOOR SWITCH	DOOR	SEE PLANS
DC	DOOR CONTACT		

DEVICES

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	DEVICE INDICATOR LETTER. "X" EQUALS DESIGNATION BELOW (TYPICAL FOR MOST RECEPTACLE TYPES): BLANK FOR NORMAL POWER G = GFCI RATED IG = ISOLATED GROUND T = TAMPERPROOF WG = WEATHERPROOF AND GFCI WP = WEATHERPROOF IN-USE		
X	IN FLOOR DOUBLE DUPLEX RECEPTACLE. CONFIGURATION AS INDICATED ON PLANS	FLOOR	VARIES
X	IN FLOOR DUPLEX RECEPTACLE. CONFIGURATION AS INDICATED ON PLANS		
X	IN FLOOR EMERGENCY DUPLEX RECEPTACLE. CONFIGURATION AS INDICATED ON PLANS		
X	COMBINATION DUPLEX RECEPTACLE AND COMMUNICATIONS OUTLET. (TWO GANG OUTLET) CONFIGURATION AS INDICATED ON PLANS.	VARIES	VARIES
X	CEILING MOUNTED DUPLEX RECEPTACLE	CEILING	FLUSH
X	CEILING MOUNTED DOUBLE DUPLEX RECEPTACLE		
X	CEILING MOUNTED EMERGENCY DOUBLE DUPLEX RECEPTACLE		
X	COMBINATION POWER/COMMUNICATION IN CEILING OUTLET. CONFIGURATION AS INDICATED ON PLANS		
X	SIMPLEX RECEPTACLE	WALL, UON	+18", UON
X	DUPLEX RECEPTACLE		
X	DOUBLE DUPLEX RECEPTACLE (QUADPLEX)		
X	EMERGENCY DUPLEX RECEPTACLE		
X	EMERGENCY DOUBLE DUPLEX RECEPTACLE		
X	SPECIAL PURPOSE RECEPTACLE. NEMA CONFIGURATION AND AMPERAGE AS NOTED ON PLANS		
C	CLOCK. RECESSED SIMPLEX RECEPTACLE.	WALL	+96" UON
TV	TELEVISION. DUPLEX RECEPTACLE.	WALL, UON	+ 84" UON
TV	COMBINATION DUPLEX RECEPTACLE AND TV JACK. (TWO GANG OUTLET)		
	MULTI-OUILET ASSEMBLY (SURFACE MOUNTED RACEWAY)	VARIES SEE PLANS	VARIES SEE PLANS
	COMBINATION POWER/COMMUNICATION POLE. CONFIGURATION AS NOTED ON PLANS		
J	WALL MOUNTED CODE SIZE J-BOX	VARIES SEE PLANS	VARIES SEE PLANS
J	POWER CONNECTION TO EQUIPMENT MOUNTED J-BOX.		
J	CODE SIZE JUNCTION BOX		
P	CODE SIZE PULLBOX		
	PUSHBUTTON		
PC	PHOTOCELL MOUNTED ON ROOF		
	LIGHTNING PROTECTION AIR TERMINAL	ROOF	VARIES
T	THERMOSTAT	WALL	
CB 30/3R	ENCLOSED CIRCUIT BREAKER. AMPERAGE/NEMA ENCLOSURE RATING, 3 POLE U.O.N	VARIES	VARIES
30/1	NON-FUSED DISCONNECT SWITCH. AMPERAGE/NEMA ENCLOSURE RATING, 3 POLE U.O.N.		
F 30/3R	FUSED DISCONNECT SWITCH. AMPERAGE/NEMA ENCLOSURE RATING, 3 POLE U.O.N.		
0/1	MOTOR STARTER. STARTER SIZE INDICATED BY NUMBER/NEMA ENCLOSURE RATING, SINGLE SPEED U.O.N.		
1/30/3R	COMBINATION FUSIBLE DISCONNECT SWITCH AND MOTOR STARTER. NEMA STARTER SIZE/AMPERAGE/NEMA ENCLOSURE RATING, 3 POLE U.O.N.		+48" UON
5	MOTOR. NUMBER INDICATES HORSEPOWER RATING 1HP AND LARGER	N.A.	N.A.
F	MOTOR. "F" INDICATES FRACTIONAL HORSEPOWER		

UTILITIES

SYMBOL	DESCRIPTION
	DISTRIBUTION POLE FOR OVERHEAD ELECTRICAL OR COMMUNICATIONS AS INDICATED ON PLAN.
X X	OVERHEAD UTILITY AND OR SYSTEM DISTRIBUTION. 3P = THREE PHASE 1P = SINGLE PHASE P = ELECTRICAL PRIMARY S = ELECTRICAL SECONDARY T = TELECOMMUNICATION TV = TELEVISION E = EMERGENCY POWER ATSC = AUTOMATIC TRANSFER SWITCH CONTROL
X X	UNDERGROUND UTILITY AND OR SYSTEM DISTRIBUTION. 3∅ = THREE PHASE 1∅ = SINGLE PHASE P = ELECTRICAL PRIMARY S = ELECTRICAL SECONDARY T = TELECOMMUNICATION TV = TELEVISION E = EMERGENCY POWER ATSC = AUTOMATIC TRANSFER SWITCH CONTROL
UT	FACILITY TRANSFORMER
S	PAD MOUNTED SWITCH
CC	CONNECTION CABINET (UTILITY METER MOUNT)
PM	PRIMARY SITE METER ENCLOSURE
ME	METER ENCLOSURE. EITHER ON BUILDING OR ON UTILITY EQUIPMENT
CT	CT ENCLOSURE. EITHER ON BUILDING OR ON UTILITY EQUIPMENT
MH	MANHOLE - POWER OR COMMUNICATION AS INDICATED ON PLANS
HH	HAND HOLE - POWER OR COMMUNICATION AS INDICATED ON PLANS
EG	ENGINE GENERATOR
TP	TELECOMMUNICATION PEDESTAL
TVP	TELEVISION PEDESTAL

LIGHTING

REFER TO LUMINAIRE SCHEDULE FOR ALL LUMINAIRE TYPES WHETHER WALL MOUNTED OR CEILING MOUNTED.

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	HATCHING INDICATES EMERGENCY LIGHTING. HATCH WILL BE MODIFIED FOR EACH LUMINAIRE TYPE. EMERGENCY LUMINAIRE DESIGNATED WITH "E" IN TYPE DESIGNATION.	VARIES	REFER TO LIGHTING SCHEDULE
A 3 a	RECESSED MOUNTED FLUORESCENT LUMINAIRE. SMALL CASE "a" DENOTES SWITCHING, NUMBER "3" DENOTES BRANCH CIRCUITING. SYMBOL "A" DENOTES LUMINAIRE TYPE	CEILING	
	SURFACE MOUNTED FLUORESCENT LUMINAIRE. LUMINAIRE TYPE AS INDICATED ON PLANS		
	LINEAR DIRECT/INDIRECT LUMINAIRE. CABLE OR STEM MOUNTED		
	DOWN LIGHT LUMINAIRE; CEILING MOUNTED		
	WALL MOUNTED FLUORESCENT LUMINAIRE	WALL	
	WALL MOUNTED LUMINAIRE		
	TRACK MOUNTED LUMINAIRES	SURFACE	
	FLUORESCENT STRIP LUMINAIRE		
WALL CEILING	EXIT LUMINAIRE. SHADED SIDE INDICATES FACE SIDE. PROVIDE DIRECTIONAL ARROW(S) AS INDICATED ON PLANS	VARIES	
WALL CEILING	DOUBLE FACE EXIT LUMINAIRE. SHADED SIDE INDICATES FACE SIDE. PROVIDE DIRECTIONAL ARROW(S) AS INDICATED ON PLANS		
	EMERGENCY BATTERY PACK LUMINAIRE		
	SINGLE HEAD, POLE MOUNTED LUMINAIRE	EXTERIOR	AS DETAILED
	DOUBLE HEAD, POLE MOUNTED LUMINAIRE		
	BOLLARD LUMINAIRE		
X	DEVICE INDICATOR LETTER. "X" EQUALS DESIGNATION BELOW (TYPICAL FOR MOST SWITCH TYPES): a = SMALL CASE LETTER DENOTES SWIICHING CONTROL 2 = DOUBLE POLE 3 = THREE-WAY 4 = FOUR-WAY P = PILOT LIGHT M = MOMENTARY CONTACT K = KEY OPERATED T = WEATHERPROOF DM = MANUAL MOTOR STARTER WITH THERMAL OVERLOAD PROTECTION DIMMER SWITCH	WALL	+48" UON
OS	WALL MOUNTED OCCUPANCY SENSOR; TYPE AS INDICATED ON PLANS		
OS	DUAL TECHNOLOGY OCCUPANCY SENSOR; TYPE AS INDICATED ON PLANS	CEILING	SURFACE

FIRE ALARM

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
FACP	CONTROL PANEL	WALL	-
FAA	ANNUNCIATOR PANEL	WALL	+44"
FACS	FIRE ALARM POWER SUPPLY		
F	DOUBLE ACTION MANUAL PULL STATION		
	FIREMAN'S TELEPHONE OUTLET		
F	HORN NOTIFICATION	WALL OR CEILING	+80" UON
S	FIRE ALARM SPEAKER		
C	CHIME NOTIFICATION		
	COMBINATION SPEAKER AND CHIME NOTIFICATION		
	MULTI CANDELA SPEAKER/STROBE		
	STROBE LIGHT		
B	BELL (GONG)		
	ADDRESABLE PHOTOELECTRIC SMOKE DETECTOR	CEILING	
I	IONIZATION SMOKE DETECTOR		
BT	BEAM TRANSMITTER		
BR	BEAM RECEIVER		
R/F	COMBINATION RATE OF RISE / FIXED TEMPERATURE		
F	FIXED TEMERATURE; TEMPERATURE AS NOTED ON PLANS OR SPECIFICATIONS		
R	RATE OF RISE ONLY		
U	UNDER FLOOR SMOKE DETECTOR	UNDER FLOOR	SEE PLANS
	DUCT DETECTOR	AT DUCT	SEE PLANS
	FIRE/SMOKE DAMPER		
M	MAGNETIC DOOR HOLDER	VARIES	SEE PLANS
R	CONTROL RELAY		
MM	MONITOR MODULE		
	REMOTE ALARM INDICATING LIGHT		
R	ADDRESSABLE/SUPERVISED RELAY		

ONE-LINE DIAGRAM

SYMBOL	DESCRIPTION
300 / 400	CIRCUIT BREAKER; TRIP SETTING/FRAME SIZE OR NO. OF POLES. SETTINGS AND PROTECTION AS NOTED ON PLANS
300 / 400	DRAWOUT CIRCUIT BREAKER (TRIP SETTING / FRAME SIZE)
300 / 400	MEDIUM VOLTAGE DRAWOUT CIRCUIT BREAKER (TRIP SETTING / FRAME SIZE)
480-3P T1A Δ 1#8 208Y/120V 30kVA	PRIMARY VOLTAGE AND WIRING CONFIGURATION, NAME TRANSFORMER GROUNDING SIZE SECONDARY VOLTAGE, TRANSFORMER SIZE K RATING IF APPLICABLE
3000/5 3	POTENTIAL TRANSFORMER. NUMBER "2" DENOTES QUANTITY
300A	DISCONNECT SWITCH. "300A" DENOTES AMPERAGE RATING
300A	FUSE. "300A" DENOTES AMPERAGE RATING
G	GROUND FAULT PROTECTION
ST	SHUNT TRIP OPERATOR
	GROUND CONNECTION
	TRANSFER SWITCH. SEE PLANS FOR TYPE OF SWITCH
	SURGE ARRESTOR
SPD	SURGE PROTECTIVE DEVICE
KW	KILOWATT METER
M	ELECTRONIC METER
K1	KIRK KEY INTERLOCK No.1
R1	RELAY No.1
AS	AMMETER SWITCH
A	AMMETER
VS	VOLTMETER SWITCH
V	VOLTMETER.
	DELTA CONNECTED
	WYE CONNECTED
	GENERATOR
VFD	VFD CONNECTION
M	MOTOR CONNECTION
	UPS

SPECIAL SYSTEMS

SYMBOL	DESCRIPTION	MOUNTING LOC.	MOUNTING HT.
	FLOOR MOUNTED DATA OUTLET	FLOOR	VARIES SEE PLANS
	FLOOR MOUNTED VOICEDATA		
	FLOOR MOUNTED TELEPHONE OUTLET		
M	FLOOR MOUNTED MICROPHONE OUTLET		
	DATA OUTLET	WALL	+18" UON
	VOICE\DATA OUTLET		
	TELEPHONE OUTLET		
W	VOICE\DATA OUTLET WALL MOUNTED	WALL	+48" UON
W	TELEPHONE OUTLET WALL MOUNTED		
M	MICROPHONE		
IC	INTERCOM CALL SWITCH		
	COMMUNICATION HORN	WALL	+84" UON
B	COMMUNICATION BELL		
S	WALL SPEAKER		
S	WALL SPEAKER FOR LOCAL SOUND SYSTEM		
TV	J-BOX FOR TELEVISION OUTLET		
WAP	WIRELESS ACCESS POINT		
GPS	GLOBAL POSITIONING SATELLITE RECEIVER FOR CLOCK SYSTEM	ON ROOF	SEE PLANS
S C	COMBINATION CLOCK/SPEAKER. MOUNTED ABOVE AND CENTER TO WRITING/TACK BOARD	WALL	SEE PLANS
S	CEILING SPEAKER	CEILING	FLUSH
	CABLE TRAY FOR COMMUNICATIONS	ABOVE CEILING	SEE DETAIL
	J-HOOK ROUTING PATH		
	TELEPHONE TERMINAL BACKBOARD (TTB) AROUND PERIMETER OF ROOM	WALL	SEE PLANS
	FLUSH MOUNTED CABINET	WALL	+6'-7" TOP OF CABINET
	SURFACE MOUNTED CABINET		

DEMOLITION

SYMBOL	DESCRIPTION	NOTES
	DASHED SYMBOL INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED	REFER TO DEMOLITION PLANS FOR ADDITIONAL INFORMATION
R	REMOVE EXISTING RACEWAY IN AN ALL ACCESSIBLE AREAS. CAPPED AND ABANDONED IF IN UNACCESSIBLE AREA	
	SOLID SYMBOL, LIGHTER IN COLOR INDICATES EXISTING DEVICE OR EQUIPMENT TO REMAIN	
EX	EXISTING CONDUIT TO BE REUSED	

PROJECT GENERAL NOTES

PROJECT GENERAL NOTES APPLY TO ALL ELECTRICAL DRAWINGS.

A. GENERAL

A1.01 CONTRACTOR SHALL INFORM HIMSELF OF ANY ELECTRICAL INFORMATION THAT MIGHT BE SHOWN IN OTHER DISCIPLINES OF THIS PROJECT AND NOT SHOWN IN ELECTRICAL DIVISION. COORDINATE ALL WORK DISCREPANCIES WITH ARCHITECT PRIOR TO BID. SHOULD COORDINATION NOT OCCUR, IT IS UNDERSTOOD THAT THE CONTRACTOR FOUND NO DISCREPANCIES AND SHALL PROVIDE AND INSTALL ELECTRICAL RACEWAY, CONDUCTORS, DEVICES, AND EQUIPMENT AT NO ADDITIONAL COST.

A1.02 THE CONTRACTOR SHALL REFER TO DIVISION 26 AND 28 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. THE SPECIFICATIONS ARE A PART OF THE CONSTRUCTION DOCUMENT SET AND MAY CONTAIN INFORMATION NOT SHOWN ON THE DRAWING SET.

A1.03 THE WORD "PROVIDE" SHALL MEAN TO FURNISH AND INSTALL, EXCEPTIONS SHALL BE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS.

A1.04 DO NOT SCALE THE ELECTRICAL DRAWING TO DETERMINE THE LOCATIONS OF LUMINAIRES, OUTLETS, OR EQUIPMENT. REFER TO THE ARCHITECTURAL DRAWINGS AND FIELD MEASUREMENTS FOR ALL PROJECT DIMENSIONS.

A1.05 THE CONTRACTORS SHALL COORDINATE ALL WORK WITH OTHER DISCIPLINES PRIOR TO START OF WORK AND INSTALLATION OF EQUIPMENT.

A1.06 ALL EXPOSED CONDUIT, FITTING, BOXES, HANGERS, CLIPS, SUPPORTERS, ETC. IN FINISHED AREAS SHALL BE PAINTED PER THE ARCHITECT'S INSTRUCTIONS.

A1.07 PROVIDE PULLSTRING IN ALL EMPTY CONDUITS.

A1.08 ALL FREESTANDING ELECTRICAL EQUIPMENT SHALL HAVE CONCRETE HOUSEKEEPING PADS. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

A1.09 IN THE CASE OF CONFLICTS NOT CLARIFIED PRIOR TO THE BIDDING DEADLINE, USE OF THE MOST COSTLY ALTERNATIVE (BETTER QUALITY, GREATER QUANTITY, AND LARGER SIZE) IN PREPARING THE BID.

A1.10 CONTRACTORS SHALL VERIFY AND COORDINATE WITH EXACT MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN. ALL RACEWAYS FOR RECEPTACLES TO RUN CONCEALED BENEATH COUNTER AS REQUIRED.

A1.11 ALL GROUNDING CABLE IN THE WHOLE ELECTRICAL DISTRIBUTION SYSTEM SHALL SHOW ZERO CURRENT (AFTER SYSTEM IS ENERGIZED) - IF ANY CURRENT IS FOUND IN THE SYSTEM, THEN THE CONTRACTOR IS RESPONSIBLE TO RESOLVE THE PROBLEM AND REMOVE OBJECTIONABLE CURRENT FROM THE GROUNDING SYSTEM.

A1.12 CONTRACTORS SHALL COORDINATE ALL CEILING MOUNTED DEVICES INCLUDING LUMINAIRES, SPEAKERS, CEILING MOUNTED RECEPTACLES, VOICE/DATA OUTLET BOXES, AND DIFFUSERS PRIOR TO ROUGH-IN.

A1.13 THE CONTRACTOR SHALL COORDINATE ALL UTILITY REQUIREMENTS WITH LOCAL UTILITY POWER COMPANY PRIOR TO BID AS UTILITY REQUIREMENTS B. CIRCUITS/ HAVE CHANGED.

B1.01 ALL BRANCH CIRCUITS SHALL BE 2#12 & 1#12GND IN 3/4"C MINIMUM UNLESS OTHERWISE INDICATED. FOR 120V BRANCH CIRCUITS THAT EXCEED 60FT IN LENGTH, USE #10. FOR 277V BRANCH CIRCUITS THAT EXCEED 100FT IN LENGTH, USE #10.

B1.02 ALL RECEPTACLES LOCATED WITHIN 6 FEET OF ANY SINK SHALL BE GFCI TYPE.

B1.03 ALL EXTERIOR LIGHTING CIRCUITS SHALL BE #10 IN 1" CONDUIT UNLESS SPECIFICALLY NOTED OTHERWISE.

B1.04 FIRE SEAL ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALL WITH FIRE SEALANT THAT MATCHES OR EXCEEDS RATING OF WALL.

C. LIGHTING

C1.01 LOCATE THE LUMINAIRES IN MECHANICAL SPACES AFTER ALL THE MECHANICAL EQUIPMENT, PIPING, DUCTWORK, GAUGES, VALVES, CONTROL PANELS, ETC. HAVE BEEN INSTALLED, IN ORDER TO EFFECTIVELY ILLUMINATE THESE ITEMS.

C1.02 THE LUMINAIRE TYPE SHALL TAKE PRECEDENCE OVER LUMINARE MANUFACTURE MODEL NUMBER SHOULD A CONFLICT OCCUR.

D. EQUIPMENT

D1.01 REFER TO MECHANICAL DRAWINGS FOR CONTROL DIAGRAMS AND/OR SEQUENCE OF OPERATION DESCRIPTIONS.

D1.02 REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT SCHEDULES.

D1.03 SWITCHES CONTROLLING MECHANICAL EQUIPMENT SHALL BE LABELED FOR THE EQUIPMENT SERVED.

D1.04 SIZE ALL FUSES PER THE EQUIPMENT MANUFACTURES RECOMMENDATION.

D1.05 REFER TO MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS FOR MOTORIZED DAMPERS.

D1.06 PROVIDE A GFCI CONVENIENCE RECEPTACLE FOR MECHANICAL EQUIPMENT. LOCATE RECEPTACLE WITHIN 25 FEET OF UNIT. COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.

D1.07 PROVIDE FEEDERS BETWEEN THE STARTERS AND DISCONNECT SWITCHES SIZED PER THE HOMERUN.

D1.08 THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF EQUIPMENT.

E. SPECIAL SYSTEMS.

E1.01 E.01 ALL VOICE/DATA OUTLETS SHALL BE 4"X4"X1-1/2" NOMINAL OUTLET BOXES WITH 1"C RISERS STUBBED OUT ABOVE SUSPENDED CEILINGS WITH BUSHINGS. COVER PLATE SHALL BE BLANK AND MATCH RECEPTACLE DEVICE PLATES.

F. FIRE ALARM

F1.01 COORDINATE WITH FIRE ALARM CONSULTANT PRIOR TO COMMENCEMENT OF WORK.

F1.02 CONTRACTOR SHALL COORDINATE AND INSTALL ALL DUCT MOUNTED SMOKE DETECTORS, FIRE SMOKE DAMPERS, HEAT AND SMOKE DETECTORS, PULL STATIONS, HORN/STROBES, ETC. AS REQUIRED TO PROVIDE A COMPLETE SYSTEM. ALL DEVICES SHALL BE INSTALLED PER MANUFACTURER RECOMENDATION.

F1.03 FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR MONITORING AND/OR CONTROLLING OF ALL REQUIRED ELEMENTS ASSOCIATED WITH THE FOLLOWING SYSTEMS: HVAC, SECURITY INTERFACE, AND EMERGENCY SHUT DOWNS.

F1.04 ALL HORNS, STROBES, OR COMBINATION OF THE TWO SHALL BE SYNCHRONIZED. CONTRACTOR SHALL PROVIDE TWO SEPARATE CIRCUITS FOR HORNS AND STROBES TO PROVIDE THE CAPABILITY OF TURNING OFF HORNS, BUT NOT STROBES.

F1.05 DUCT DETECTORS ARE PROVIDED BY THE FIRE ALARM CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL, CONTRACTOR. COORDINATE REMOTE VALVE SHUT DOWN CONTROLS WITH SECURITY CONSULTANT PRIOR TO ROUGH-IN.

F1.06 DUCT DETECTORS SHALL BE MOUNTED ON THE RETURN, SUPPLY AND/OR EXHAUST DUCTS. COORDINATE EXACT LOCATION WITH MECHANICAL PRIOR TO ROUGH-IN. REFER TO FIRE ALARM DETAIL.

F1.07 ALL DEVICES (SMOKE DETECTORS, SPEAKERS, ETC.) MOUNTED IN LAY-IN CEILING SHALL BE CENTERED IN TILE.

F1.08 IN MECHANICAL/UTILITY ROOMS, CONTRACTOR SHALL LOCATE SMOKE DETECTORS IN SPACE AFTER ALL MECHANICAL, PLUMBING, ETC. HAS BEEN INSTALLED. PROVIDE ADEQUATE COVERAGE OF THE SPACE.

F1.09 ALL FIRE RACEWAY SHALL BE 3/4"C MINIMUM UNLESS OTHERWISE NOTED

NOTE: NOT ALL ABBREVIATIONS OR SYMBOLS APPLY TO THIS PROJECT

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REVISIONS

NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

ELECTRICAL GENERAL INFORMATION

Project Number: 201924
Sheet issue date: 2020.08.20

E001

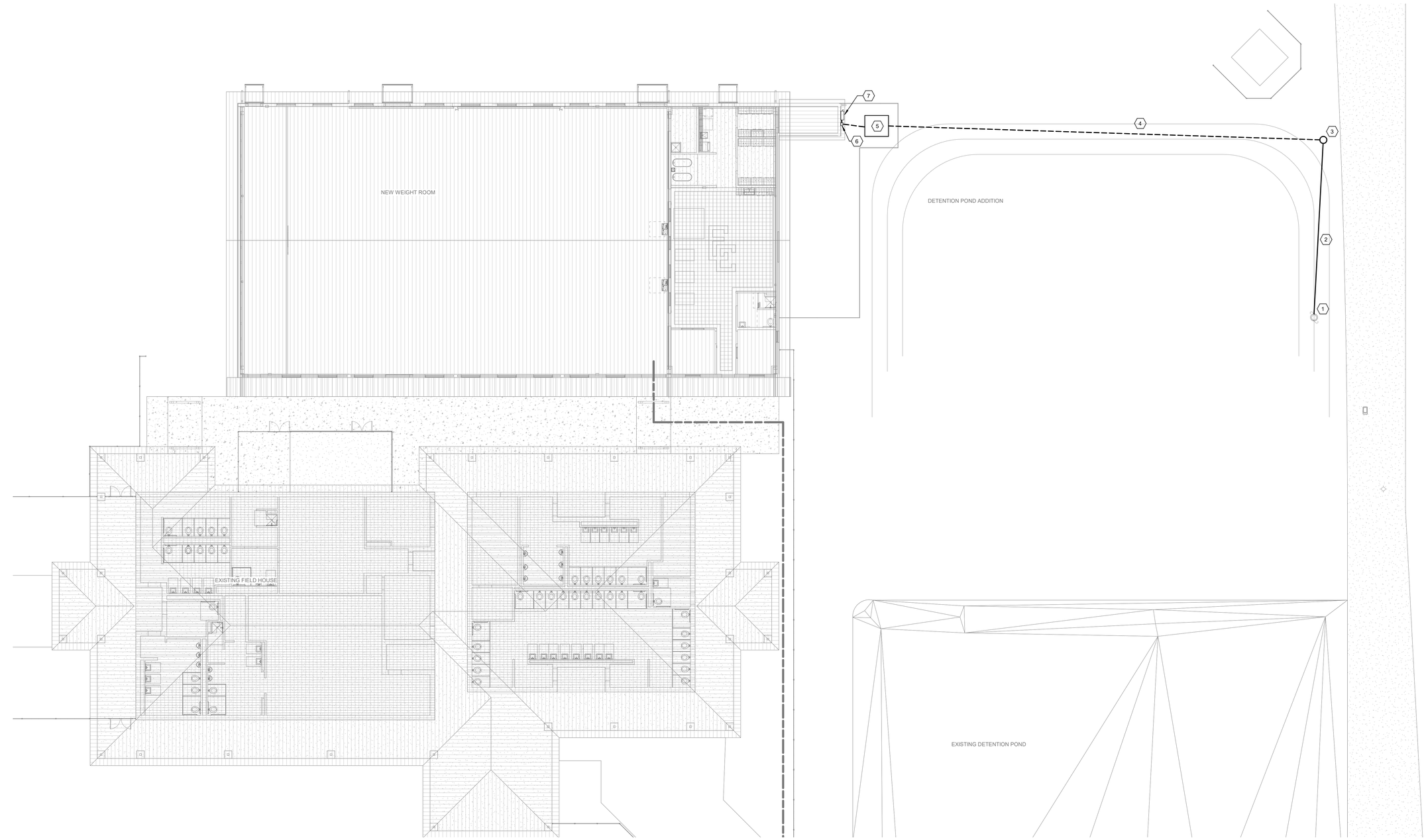
SHEET KEYED NOTES

1. EXISTING ELECTRICAL POLE TO REMAIN. SHOWN FOR REFERENCE ONLY.
2. NEW OVERHEAD ELECTRICAL SERVICE FEEDERS BY AEP.
3. NEW POWER POLE BY AEP. COORDINATE WITH AEP REPRESENTATIVE FOR EXACT LOCATION.
4. CONTRACTOR SHALL PROVIDE NEW UNDERGROUND FEEDERS FROM SERVICE POLE TO NEW PAD MOUNTED TRANSFORMER. PROVIDE EASMENT AS REQUIRED BY AEP. COORDINATE WITH AEP REPRESENTATIVE FOR EXACT LOCATION OF POLE PROVIDE CONNECTIONS AS TERMINATION AS REQUIRED BY AEP GUIDELINES.
5. NEW PAD MOUNTED TRANSFORMER TO BE PROVIDED BY AEP. REFER TO ELECTRICAL ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION. COORDINATE WITH AEP REPRESENTATIVE FOR ADDITIONAL INFORMATION. CONTRACTOR SHALL PROVIDE CONNECTIONS AND CONCRETE PAD AS REQUIRED BY AEP GUIDELINES.
6. CONTRACTOR TO PROVIDE AND INSTALL NEW METER SOCKET. PROVIDE CONNECTIONS FROM PAD MOUNTED TRANSFORMER AND TO NEW SERVICE DISCONNECT AS REQUIRED. REFER TO AEP GUIDELINES FOR INSTALLATION REQUIREMENTS.
7. PROVIDE NEW 600A 277/480V 3PH 4W SERVICE ENTRANCE DISCONNECT SWITCH. REFER TO ELECTRICAL FLOOR PLAN FOR ADDITIONAL INFORMATION

GENERAL NOTES

A. REFER TO ELECTRICAL LEGEND AND GENERAL INFORMATION ON SHEET E001.

B. REFER TO ELECTRICAL ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION.



1 ELECTRICAL SITE PLAN
3/32" = 1'-0"

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ELECTRICAL SITE PLAN

Project Number:
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Sheet issue date:
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E100

GENERAL NOTES

A. REFER TO ELECTRICAL LEGEND AND GENERAL INFORMATION ON SHEET E001.

B. FOR 120V BRANCH CIRCUITS RUNS LESS THAN 60' IN LENGHT USE 2#12, #12G, 3/4"C. RUNS FROM 60' TO 99' IN LENGHT USE 2#10, #10G, 3/4"C. RUNS FROM 99' TO 157' IN LENGHT USE 2#8, #8G, 1"C.

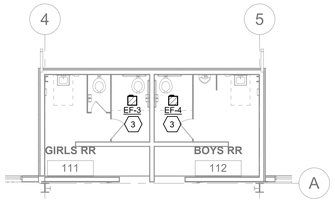
C. CONTRACTOR SHALL COORDINATE EXACT HEIGHT AND LOCATION OF ALL ELECTRICAL DEVICES WITH MILLWORK. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION.

D. REFER TO ELECTRICAL ONE LINE DIAGRAMS AND PANEL SCHEDULES ON SHEETS E600 AND E700 SERIES FOR ADDITIONAL INFORMATION.

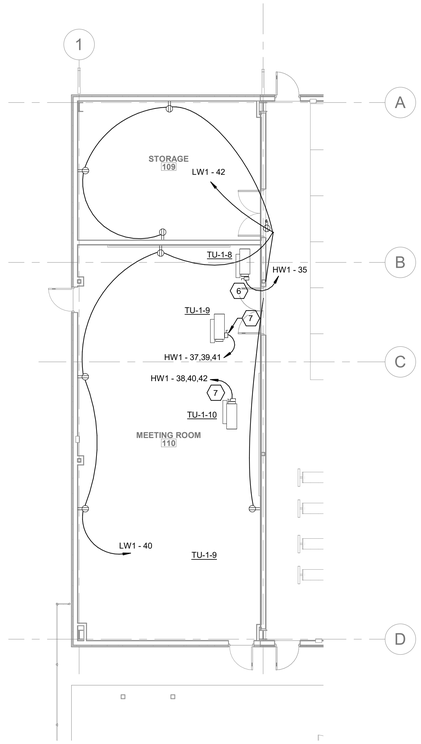
E. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATION OF EQUIPMENT.

SHEET KEYED NOTES

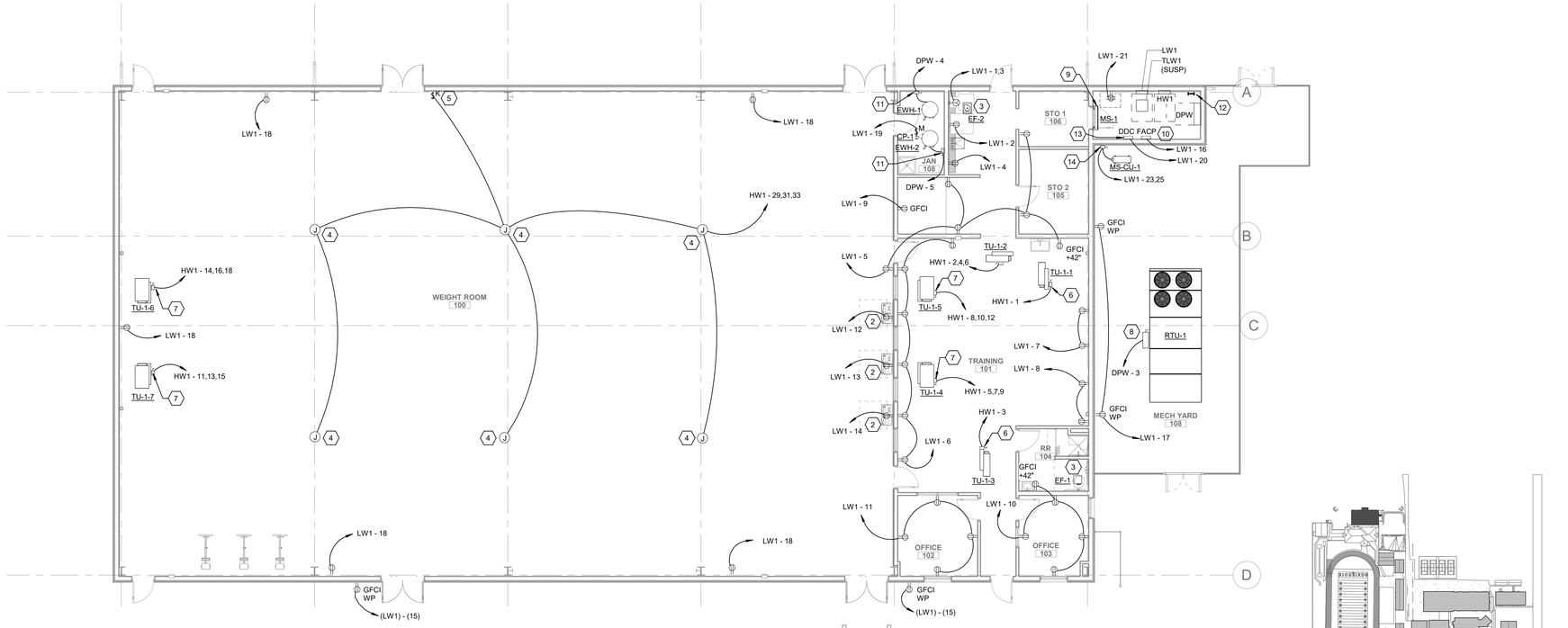
1. NEW PAD MOUNTED TRANSFORMER. REFER TO ELECTRICAL ONE LINE DIAGRAM FOR ADDITIONAL INFORMATION. COORDINATE WITH ENERGY POWER COMPANY REPRESENTATIVE. REFER TO SITE PLAN FOR ADDITIONAL INFORMATION.
2. POWER FOR ELECTRIC DRINKING FOUNTAIN. PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED. COORDINATE WITH PLUMBING CONTRACTOR. PROVIDE GFCI BREAKERS FOR THIS CIRCUIT.
3. EXHAUST FANS SHALL BE INTERLOCKED WITH LIGHTING CONTROLS AND CONNECTED TO LIGHTING BRANCH CIRCUIT SERVING THE ROOM. PROVIDE CONNECTIONS AS REQUIRED.
4. PROVIDE SURFACE MOUNTED JUNCTION BOX FOR FAN POWER. PROVIDE CONNECTIONS AS REQUIRED BY EQUIPMENT MANUFACTURER. (THIS IS PART OF ALTERNATE 4)
5. COORDINATE FINAL LOCATION OF CONTROLS WITH OWNER AND MANUFACTURER PRIOR TO INSTALLATION. (THIS IS PART OF ALTERNATE 4)
6. ELECTRICAL DISCONNECT PROVIDED BY DIVISION 23. ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED BY EQUIPMENT MANUFACTURER. ROUTE 2#12, #12G, 3/4"C TO ELECTRICAL PANEL AS INDICATED.
7. ELECTRICAL DISCONNECT PROVIDED BY DIVISION 23. ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED BY EQUIPMENT MANUFACTURER. ROUTE 3#12, #12G, 3/4"C TO ELECTRICAL PANEL AS INDICATED.
8. ELECTRICAL VFD PROVIDED BY DIVISION 23. ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED BY EQUIPMENT MANUFACTURER. ROUTE 3#1/0, #6G, 1-1/2"C TO ELECTRICAL PANEL AS INDICATED.
9. POWER FOR MS-1 SHALL BE POWERED FROM MS-CU-1 PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED BY EQUIPMENT MANUFACTURER.
10. POWER FOR FIRE ALARM CONTROL PANEL.
11. POWER FOR ELECTRICAL WATER HEATER. PROVIDE NEW 60/3/NF ELECTRICAL DISCONNECT. REFER TO ONE LINE DIAGRAM FOR WIRE SIZE INFORMATION.
12. COPPER GROUND BUS. REFER TO GROUNDING DIAGRAM FOR ADDITIONAL INFORMATION. REFER TO ELECTRICAL DETAIL 1/E501.
13. POWER FOR DDC CONTROL PANEL. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE CONNECTIONS AS REQUIRED.
14. PROVIDE NEW 30A/3/NF/N3R DISCONNECT SWITCH FOR MS-CU-1. ROUTE 2#10, # 10G, 3/4"C TO PANEL AS INDICATED.



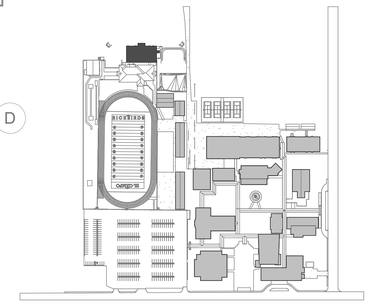
4 ELECTRICAL FLOOR PLAN - RESTROOMS - ALTERNATE 2
1/8" = 1'-0"



2 ELECTRICAL FLOOR PLAN - WEIGHT ROOM ALTERNATE 1
1/8" = 1'-0"



1 ELECTRICAL FLOOR PLAN - WEIGHT ROOM
1/8" = 1'-0"



KEY PLAN - SITE

PLAN NORTH

TRUE NORTH

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

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EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

ELECTRICAL FLOOR PLAN - WEIGHT ROOM

Project Number:
201924
Sheet issue date:
2020.08.20

E201

GENERAL NOTES

A. REFER TO ELECTRICAL LEGEND AND GENERAL INFORMATION SHEET E0000.

B. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E0703 FOR COMPLETE DESCRIPTION OF LIGHT FIXTURES SHOWN ON THIS SHEET.

C. REFER TO ELECTRICAL ONE LINE DIAGRAMS AND PANEL SCHEDULES ON SHEETS E0600 AND E0700 SERIES FOR ADDITIONAL INFORMATION.

D. ALL CEILING MOUNTED DEVICES ARE TO BE CENTERED IN CEILING TILE.

E. ALL FIXTURES WITH EMERGENCY BATTERY PACK SHALL HAVE AN ADDITIONAL HOT WIRE WHICH SHALL BE UNSWITCHED TO ENREGIZE EMERGENCY BATTERIES IN LIGHT FIXTURES CONNECTED TO THIS LIGHTING BRANCH CIRCUIT.

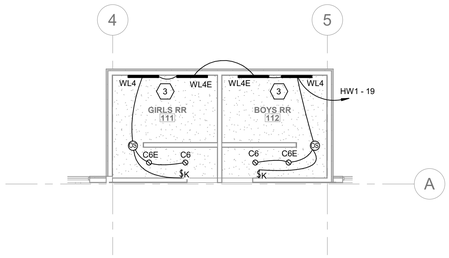
F. COORDINATE WITH ARCHITECTURAL ELEVATIONS FOR EXACT HEIGHT OF EXTERIOR WALL PACK FIXTURES.

SHEET KEYED NOTES

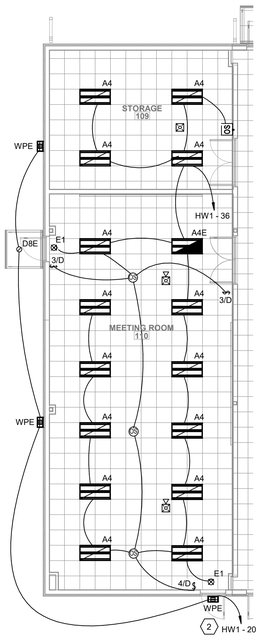
1. CONTRACTOR TO PROVIDE AND INSTALL NEW PHOTOCELL MOUNTED ON ROOF POINTING NORTH.
2. ALL EXTERIOR LIGHT FIXTURES SHALL BE CONTROLLED BY NEW PHOTOCELL.
3. WALL MOUNT FIXTURES (WL4) AT 7'4" A.F.F. REFER TO ARCHITECT ELEVATIONS FOR ADDITIONAL INFORMATION.
4. ROUTE # 10 WIRE AS REQUIRED FOR THIS BRANCH CIRCUIT.

FIRE ALARM GENERAL NOTE

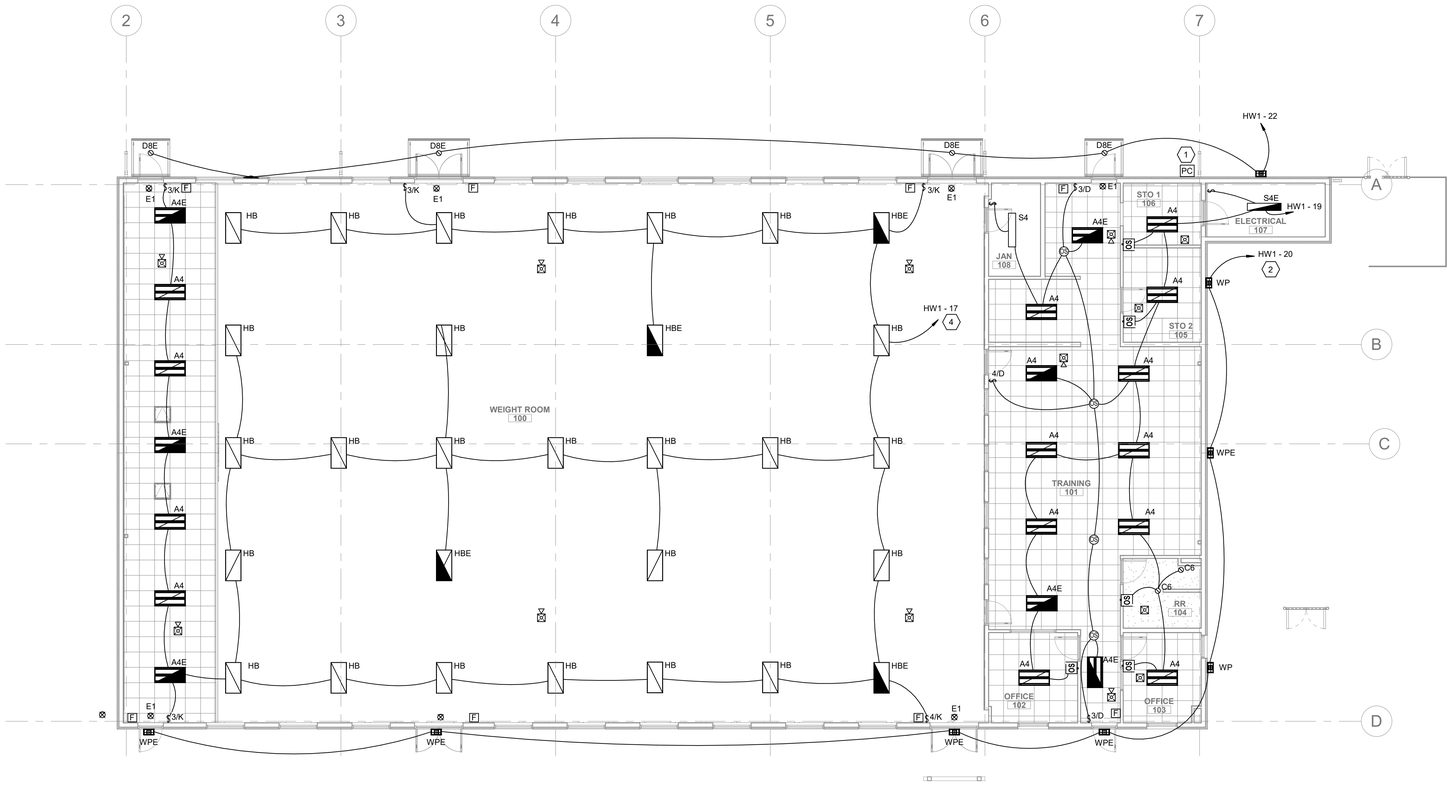
FIRE ALARM DESIGN SHOWN REPRESENT A NEW STAND ALONE SYSTEM. FIRE ALARM DEVICES SHOWN ARE INTENDED TO IDENTIFY THE KEY COMPONENTS OF THE FIRE ALARM SYSTEM. A CERTIFIED FIRE ALARM CONTRACTOR WILL REVIEW BUILDING USE AND DESIGN A FIRE ALARM SYSTEM IN COMPLIANCE WITH NFPA 72, LOCAL CODES AND AUTHORITY HAVING JURISDICTION. THE CERTIFIED FIRE ALARM CONTRACTOR SHALL CREATE A SHOP DRAWING SUBMITTAL PACKAGE COMPLETE WITH ALL REQUIRED COMPONENTS, ALL REQUIRED CALCULATIONS AND LAYOUT WIRING DRAWINGS FOR A COMPLETE WORKING SYSTEM. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.



3 LIGHTING FLOOR PLAN - RESTROOMS ALTERNATE 2
1/8" = 1'-0"



2 LIGHTING FLOOR PLAN - WEIGHT ROOM ALTERNATE 1
1/8" = 1'-0"



1 LIGHTING FLOOR PLAN - WEIGHT ROOM
1/8" = 1'-0"

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EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

LIGHTING FLOOR PLAN - WEIGHT ROOM

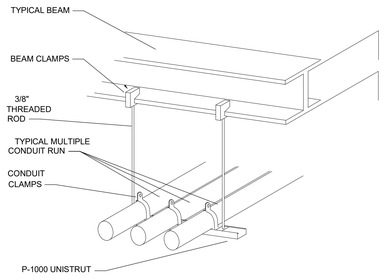
PLAN NORTH TRUE NORTH

SCALE: 1/4" = 1'-0"

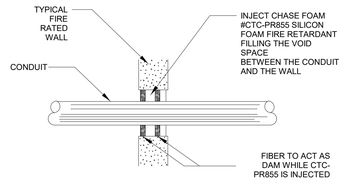
0' 2' 4' 8'

Project Number:
201924
Sheet issue date:
2020.08.20

E301



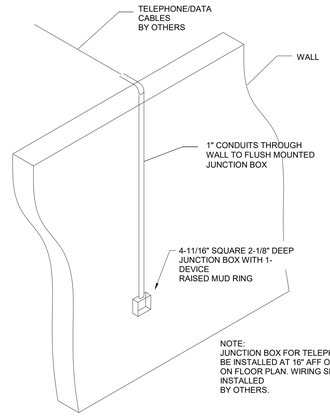
9 TRAPEZE MOUNTED CONDUIT DETAIL
SCALE = NONE



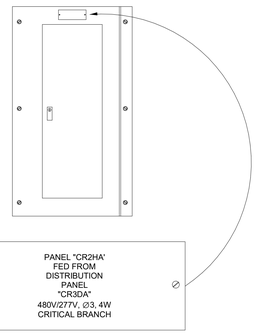
NOTE

FIRE RATING OF COMPLETED FIREPROOFED ASSEMBLY SHALL EQUAL OR EXCEED THE FIRE RATING OF THE WALL

6 FIREWALL PENETRATION DETAIL
SCALE = NONE



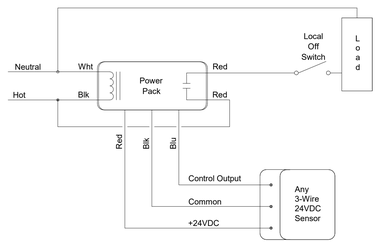
3 TELECOMMUNICATION BOX DETAIL
SCALE = NONE



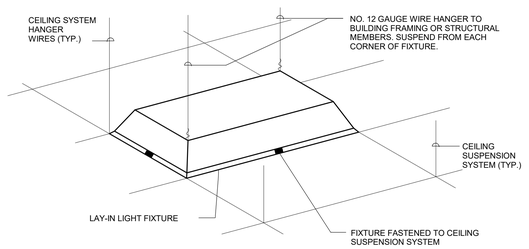
NOTE

ALL PANEL BOARDS, DISCONNECT SWITCHES, VFD's, ELECTRICALLY SERVED EQUIPMENT, ETC IN THIS PROJECT SHALL BE IDENTIFIED BY THE PANEL NAME, SOURCE PANEL, VOLTAGE/PHASE, AND ELECTRICAL BRANCH OF THE ELECTRICAL SYSTEM. RE: SPECIFICATIONS FOR COLORS AND ADDITIONAL INFORMATION.

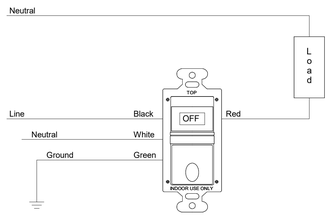
8 TYPICAL EQUIPMENT IDENTIFICATION TAG DEATIL
SCALE = NONE



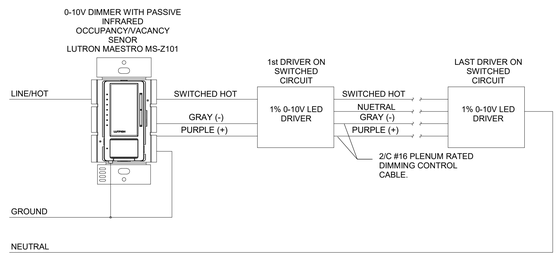
WALL MOUNTED LIGHT SWITCH WITH CEILING MOUNTED OCCUPANCY SENSOR
5 SCALE = NONE



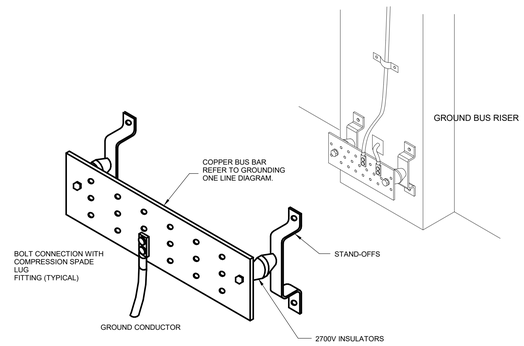
2 LIGHT FIXTURE SUPPORT DETAIL
SCALE = NONE



7 WALL MOUNTED OCCUPANCY SENSOR
SCALE = NONE



WALL MOUNTED OCCUPANCY SENSOR WITH 0-10V DIMMER WIRING DIAGRAM
4 SCALE = NONE



1 GROUND BUS DETAIL
SCALE = NONE

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REVISIONS

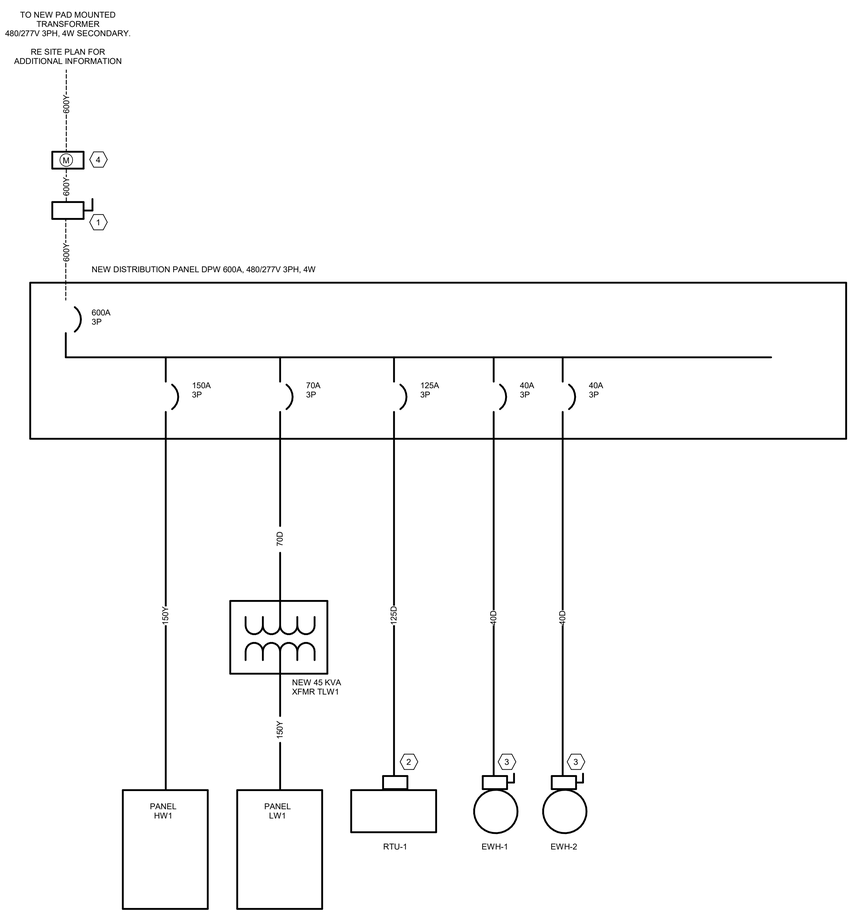
NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

ELECTRICAL DETAILS

Project Number:
201924
Sheet issue date:
2020.08.20

E501



1 ELECTRICAL ONE-LINE DIAGRAM
NTS

ELECTRICAL LOAD SUMMARY
EL CAMPO WEIGHT ROOM

Type of Occupancy: K-12 School
HVAC System: RTU with Electric Heat
Plumbing Equipment: Electric Water Heaters

Loads	BLDG SQFT	Watts per SQFT	KVA	Demand Factor	Total KVA
NEC 220.12, 210.20(a), IECC Table C405.4.2(1)					
Lighting per Code	12240	1	12.2	125%	15.3
Connected Load			6.8	125%	8.5
Max between Connected and Code					15.3
NEC 220.44					
Receptacles	12240	1	12.2		
**First 10KVA at 100%*				100%	10.0
**Remainder over 10KVA @50%*				50%	1.1
				Total	11.1
Connected Load			32.5		
**First 10KVA at 100%*				100%	10.0
**Remainder over 10KVA @50%*				50%	11.3
				Total	21.3
Max between Connected and Code					21.3
Equipment					
EWH-1 and EWH-2 (24 KW Ea.)			48.0	125%	60.0
RTU-1 (1500 CFM)			93.0	125%	116.3
VAV BOXES			73.4	100%	73.4
EF-1			2.8	100%	2.8
ACCU-1/FCU-1			3.0	100%	3.0

NEW Connected Load (KVA): 292.0
Amps At 480V: 351.7
New Service Size (Amps): 600.0

Based on NEC 2017 & IECC 2015

Switchboard: DPW

Location: ELEC ROOM 109
Supply From: SERVICE TRANSFORMER
Mounting: CONCRETE PAD
Enclosure: Type 1
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating:
Mains Type: MCB
Mains Rating: 600 A
MCB Rating: 600 A

Notes:

CKT	Load Name	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PANEL HW1	3	150 A	150 A	83257 VA	
2	PANEL LW1 VIA 45 KVA XFMR TLW1	3	70 A	70 A	23720 VA	
3	AHU-1	3	125 A	125 A	76452 VA	
4	EWH-1	3	70 A	70 A	24000 VA	
5	EWH-2	3	70 A	70 A	24000 VA	
6	SPARE	1	400 A	20 A	0 VA	
7	SPARE	1	400 A	20 A	0 VA	
8	SPARE	1	400 A	20 A	0 VA	
9	SPARE	1	400 A	20 A	0 VA	
10	SPARE	1	400 A	20 A	0 VA	
11	SPARE	1	400 A	20 A	0 VA	
12	SPARE	1	400 A	20 A	0 VA	
				Total Conn. Load:	229418 VA	
				Total Amps:	276 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Other	306 VA	100.00%	306 VA		
Power	82452 VA	100.00%	82452 VA	**Total Conn. Load:**	229418 VA
Lighting	7177 VA	100.00%	7177 VA	**Total Est. Demand:**	225058 VA
HVAC	2800 VA	100.00%	2800 VA	**Total Conn. Current:**	276 A
LTG	0 VA	0.00%	0 VA	**Total Est. Demand Current:**	271 A

Notes:

SHEET KEYED NOTES

1. PROVIDE NEW 600A 277/480V 3PH 4W SERVICE ENTRANCE DISCONNECT SWITCH. REFER TO ELECTRICAL FLOOR PLAN FOR ADDITIONAL INFORMATION.
2. VFD PROVIDED BY DIVISION 23. ELECTRICAL CONTRACTOR TO PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED BY EQUIPMENT MANUFACTURER. ROUTE 3#1/0, #6G, 1-1/2"C TO ELECTRICAL PANEL AS INDICATED.
3. POWER FOR ELECTRICAL WATER HEATER. PROVIDE NEW 60A/3/NF ELECTRICAL DISCONNECT. PROVIDE CONNECTIONS AS REQUIRED
4. NEW METER SOCKET. REFER TO ELECTRICAL SITE PLAN E100 FOR ADDITIONAL INFORMATION.

FEEDER SCHEDULE

NOTE: ALL CONDUCTORS ARE COPPER, TYPE THWN/THHN UNLESS OTHERWISE NOTED.

DESIGNATION	CONDUCTORS	GROUND	CONDUIT	NOTES
THREE PHASE THREE WIRE & GROUND FEEDER				
20D	3#12	12	3/4"	
25D	3#10	10	3/4"	
30D	3#10	10	3/4"	
35D	3#8	10	3/4"	
40D	3#8	10	3/4"	
45D	3#8	10	3/4"	
50D	3#8	10	3/4"	
60D	3#6	10	1"	
70D	3#4	8	1 1/4"	
80D	3#4	8	1 1/4"	
90D	3#2	8	1 1/4"	
100D	3#2	8	1 1/4"	
125D	3#1/0	6	1 1/2"	
150D	3#1/0	6	1 1/2"	
175D	3#2/0	6	2"	
200D	3#3/0	6	2"	
225D	3#4/0	4	2 1/2"	
250D	3-250 KCMIL	4	3"	
300D	3-350 KCMIL	4	3"	
350D	3-500 KCMIL	2	4"	
400D	3-500 KCMIL	2	4"	
450D	(2)3#4/0	(2) 2	(2) 2 1/2"	
500D	(2)3-250 KCMIL	(2) 2	(2) 3"	
575D	(2)3-300 KCMIL	(2) 1	(2) 3"	
600D	(2)3-350 KCMIL	(2) 1	(2) 3"	
700D	(2)3-500 KCMIL	(2) 1/0	(2) 4"	
800D	(3)3-300 KCMIL	(3) 1/0	(3) 3"	
1000D	(3)3-400 KCMIL	(3) 2/0	(3) 3"	
1200D	(4)3-350 KCMIL	(4) 3/0	(4) 4"	
1600D	(5)3-400 KCMIL	(5) 4/0	(5) 4"	
2000D	(6)3-400 KCMIL	(6)250 KCMIL	(6) 4"	
2500D	(7)3-500 KCMIL	(7)350 KCMIL	(7) 4"	
3000D	(8)3-500 KCMIL	(8)400 KCMIL	(8) 4"	
4000D	(11)3-500 KCMIL	(11)500 KCMIL	(11) 4"	
THREE PHASE FOUR WIRE & GROUND FEEDER				
20Y	4#12	12	3/4"	
25Y	4#10	10	3/4"	
30Y	4#10	10	3/4"	
35Y	4#8	10	3/4"	
40Y	4#8	10	3/4"	
45Y	4#8	10	3/4"	
50Y	4#8	10	3/4"	
60Y	4#6	10	1"	
70Y	4#4	8	1 1/4"	
80Y	4#4	8	1 1/4"	
90Y	4#2	8	1 1/4"	
100Y	4#2	8	1 1/4"	
125Y	4#1/0	6	1 1/2"	
150Y	4#1/0	6	2"	
175Y	4#2/0	6	2"	
200Y	4#3/0	6	2"	
225Y	4#4/0	4	2 1/2"	
250Y	4-250 KCMIL	4	3"	
300Y	4-350 KCMIL	4	3"	
350Y	4-500 KCMIL	2	4"	
400Y	4-500 KCMIL	2	4"	
450Y	(2)4#4/0	(2) 2	(2) 2 1/2"	
500Y	(2)4-250 KCMIL	(2) 2	(2) 3"	
575Y	(2)4-300 KCMIL	(2) 1	(2) 3"	
600Y	(2)4-350 KCMIL	(2) 1	(2) 3"	
700Y	(2)4-500 KCMIL	(2) 1/0	(2) 4"	
800Y	(3)4-300 KCMIL	(3) 1/0	(3) 3"	
1000Y	(3)4-400 KCMIL	(3) 2/0	(3) 3"	
1200Y	(4)4-350 KCMIL	(4) 3/0	(4) 4"	
1600Y	(5)4-400 KCMIL	(5) 4/0	(5) 4"	
2000Y	(6)4-400 KCMIL	(6)250 KCMIL	(6) 4"	
2500Y	(7)4-500 KCMIL	(7)350 KCMIL	(7) 4"	
3000Y	(8)4-500 KCMIL	(8)400 KCMIL	(8) 4"	
4000Y	(11)4-500 KCMIL	(11)500 KCMIL	(11) 4"	
5000Y	(14)4-500 KCMIL	(14)500 KCMIL	(14) 4"	

EQUIPMENT BONDING JUMPER FOR SEPARATELY DERIVED SYSTEMS PER NEC 250.66 (PROVIDE CONDUCTOR GROUND BELOW INSTEAD OF FEEDER GROUND FOR THREE PHASE, 4-WIRE SYSTEMS INDICATED ABOVE)

DESIGNATION	GROUND		
20YS THRU 100YS	8		
125YS THRU 150YS	6		
175YS THRU 200YS	4		
225YS THRU 300YS	2		
350YS THRU 500YS	1/0		
600YS THRU 700YS	2/0		
800YS THRU 5000YS	3/0		
THREE PHASE FOUR WIRE 200% NEUTRAL & GROUND FEEDER			
100E 3#2, 1#4/0 NEUTRAL	8	2"	
150E 3#2/0, 2#2/0 NEUT.	6	2"	
225E 3-250 KCMIL, 2-250 KCMIL NEUT.	4	2 1/2"	
350E (2) 3#3/0, (2) 2#3/0 NEUT.	(2) 2	(2) 2 1/2"	
400E (2) 3#4/0, (2) 2#3/0 NEUT.	(2) 2	(2) 2 1/2"	
500E (2) 3-350 KCMIL, (2) 2-350KCMIL NEUT.	(2) 2	(2) 3"	

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REVISIONS

NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

ELECTRICAL ONE LINE DIAGRAM

Project Number: 201924
Sheet issue date: 2020.08.20

E601

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GENERAL NOTES

A. INSTALL GROUNDING CONNECTIONS TO BUILDING STRUCTURE AND WATER PIPES AT LOCATIONS THAT ARE VISIBLE AND ACCESSIBLE FOR INSPECTION, MAINTENANCE, AND TESTING.

B. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC SERVICE ENTRANCE CONDUIT. BOND TO SERVICE ENTRANCE EQUIPMENT GROUND BUS USING GROUNDING ELECTRODE CONDUCTOR.

C. INSTALL AN INSULATED THROAT GROUNDING BUSHING ON EACH METALLIC FEEDER CONDUIT. BOND TO GROUND BUS USING CONDUCTOR THAT IS SIZED EQUAL TO EQUIPMENT GROUNDING CONDUCTOR.

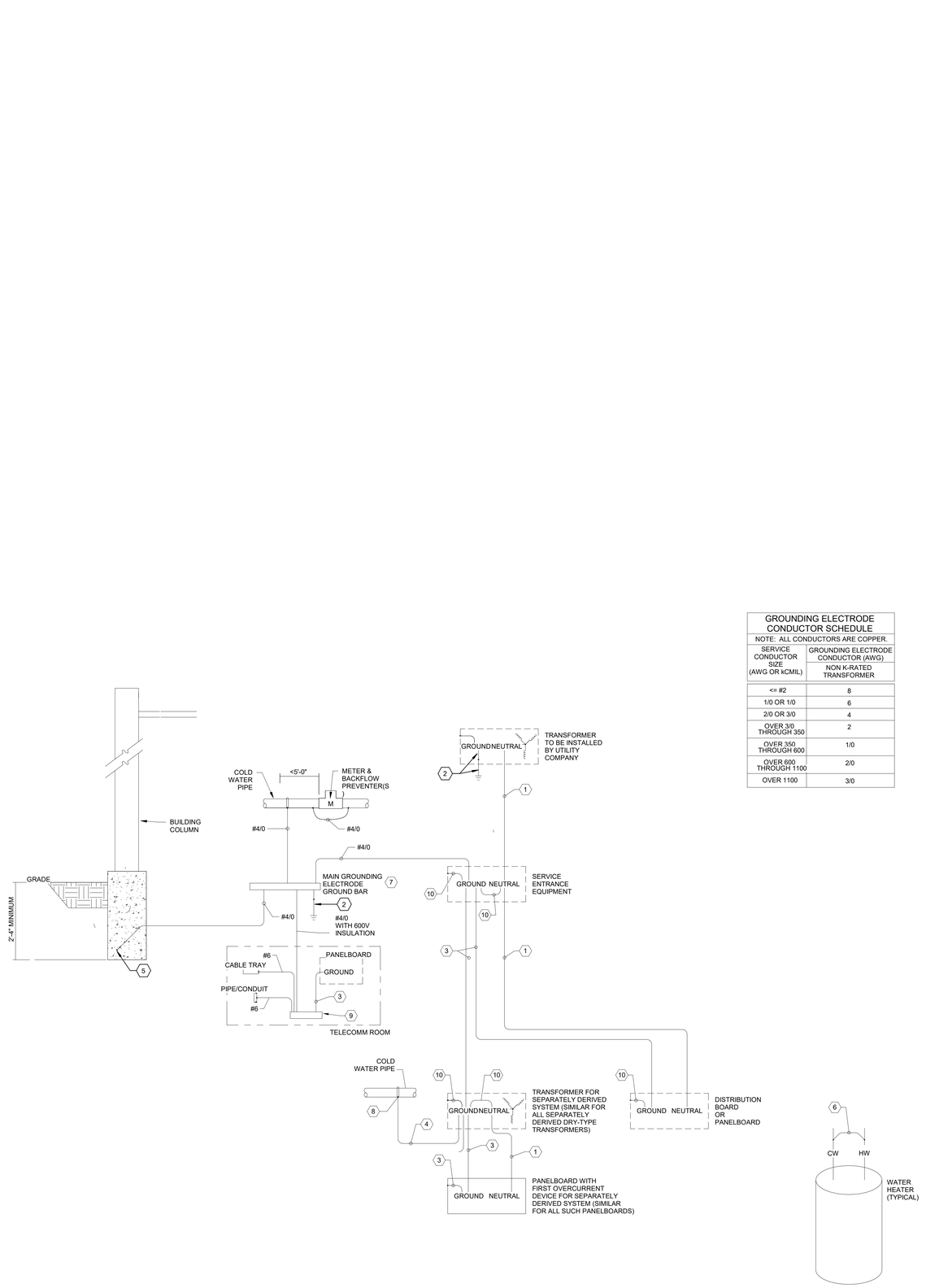
D. BOND ELECTRICAL EQUIPMENT ENCLOSURES TO GROUND BAR USING SAME SIZE CONDUCTOR AS FEEDER EQUIPMENT GROUND CONDUCTOR OR FACTORY PROVIDED GREEN SCREW.

E. CLEAN COATED RE-BAR PRIOR TO PERFORMING ELECTRICAL CONNECTION.

SHEET KEYED NOTES

1. REFER TO ONE-LINE DIAGRAM AND FEEDER SCHEDULE FOR GROUNDED CONDUCTOR SIZE.
2. CONNECT GROUNDING ELECTRODE CONDUCTOR TO GROUND ROD.
3. FOR EQUIPMENT GROUNDING CONDUCTOR SIZE REFER TO ONE-LINE DIAGRAM AND FEEDER SCHEDULE.
4. PROVIDE GROUNDING ELECTRODE CONDUCTOR SIZE BASED ON THE CONDUCTOR SIZE OF THE SECONDARY OF THE TRANSFORMER. SIZE PER NEC 250.66 AND PER SCHEDULE ON THIS SHEET.
5. BOND TO REBAR IN FOOTING USING #4/0 BARE COPPER EXOTHERMALLY WELDED OR IRREVERSIBLE GROUND CONNECTIONS
6. BOND HOT WATER PIPE TO COLD WATER PIPE AT EACH WATER HEATER WITH A #8 BARE COPPER CONDUCTOR.
7. PROVIDE A 1/4" X 4" X 12" "MAIN GROUNDING ELECTRODE GROUND BAR" FOR SINGLE POINT GROUNDING. LOCATE AT AN ACCESSIBLE POINT NEAR THE SERVICE ENTRANCE EQUIPMENT. MAKE OTHER CONNECTIONS TO THE GROUND BAR USING TWO-HOLE COMPRESSION SPADE LUGS THAT MEET IEEE 837 REQUIREMENTS. LABEL EACH CONNECTION.
8. USE THE "MAIN GROUNDING ELECTRODE GROUND BAR" INSTEAD OF BUILDING STRUCTURAL STEEL IF THE FIRST OVER CURRENT DEVICE FOR THE SEPARATELY DERIVED SYSTEM IS WITHIN SAME ROOM OF THE "MAIN GROUNDING ELECTRODE GROUND BAR".
9. INSTALL A 1/4" X 4" COPPER "TELECOMMUNICATIONS GROUNDING BUSBAR" IN EACH TELECOMMUNICATIONS ROOM. CONNECT CABLES TO THE "TELECOMMUNICATIONS GROUNDING BUSBAR" USING COMPRESSION SPADE LUGS. LABEL CONDUCTORS PER ANSI-J-STD-607-A. LABEL EACH CONNECTION. SEE PLAN FOR BAR LENGTH AND LOCATIONS.
10. BONDING JUMPER SIZED PER GROUNDING ELECTRODE CONDUCTOR SCHEDULE THIS SHEET.

GROUNDING ELECTRODE CONDUCTOR SCHEDULE	
NOTE: ALL CONDUCTORS ARE COPPER.	
SERVICE CONDUCTOR SIZE (AWG OR KCMIL)	GROUNDING ELECTRODE CONDUCTOR (AWG)
	NON K-RATED TRANSFORMER
<= #2	8
1/0 OR 1/0	6
2/0 OR 3/0	4
OVER 3/0 THROUGH 350	2
OVER 350 THROUGH 600	1/0
OVER 600 THROUGH 1100	2/0
OVER 1100	3/0



1 ELECTRICAL GROUNDING DIAGRAM
NTS

EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

ELECTRICAL GROUNDING DIAGRAM

Project Number:
201924
Sheet issue date:
2020.08.20

E602

LIGHT FIXTURE SCHEDULE

NOTES

1. MANUFACTURERS CATALOG NUMBERS REPRESENT MANUFACTURER SERIES. SHOP DRAWING SUBMITTALS WILL INCLUDE ALL PART NUMBERS REPRESENTING ALL ITEMS OF THIS LUMINAIRE SCHEDULE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ORDER LUMINAIRES TO INCLUDE ALL PARTS INDICATED ON SCHEDULE FOR EACH LUMINAIRE. SUBMITTAL WILL CALL OUT EACH PART CLEARLY.
2. LUMINAIRE REQUIRES MOUNTING COORDINATION WITH ARCHITECT PRIOR TO COMMENCEMENT OF ANY WORK. THIS LUMINAIRE MAY REQUIRE A HIGHER OR LOWER MOUTING FROM THAT PROVIDED ON THIS SCHEDULE OR NOTES ON PLAN DUE TO ARCHITECTURAL REQUIREMENTS OR CONSTRUCTION CONDITIONS.
3. ALL LUMINAIRES ON THIS LUMINAIRE SCHEDULED ARE APPROVED FOR BID ON THIS PROJECT. CONTRACTOR MAY PROVIDE VOLUNTARY ALTERNATE SELCTIONS FOR FIXTURES LISTED BELOW. CONTRACTOR TO PROVIDE PHOTOMETRICS, LIST OF DEVATIONS FOR THE SPECIFIED FIXTURES TYPE, AND COST SAVINGS.

TROFFER

TYPE	DESCRIPTION	VOLTS	MOUNTING	LAMPS	BALLAST	EM BAT. PK.	LENS	MANUFACTURER/MODEL NO.	NOTES
A4	2'x4' RECESSSED LED LIGHT FIXTURE, COLD-ROLLED STEEL, CENTER BASKET.	MULTI TAP (UNV.)	RECESSED T-BAR	6000 LUMENS 4000K 56 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	CENTER BASKET, ACRYLIC LENS	CREE #LT-24 METALUX # 24CZ2	1,3
A4E	SAME AS AB EXCEPT WITH EMERGENCY LED BATTERY PACK	MULTI TAP (UNV.)	RECESSED T-BAR	7200 LUMENS 4000K 56 WATTS	LED DRIVER PROVIDED WITH FIXTURE	LED BATTERY PACK, 1400 LUMEN	CENTER BASKET, ACRYLIC LENS	CREE #LT-24 METALUX # 24CZ2	1,3

DOWNLIGHTS

TYPE	DESCRIPTION	VOLTS	MOUNTING	LAMPS	BALLAST	EM BAT. PK.	LENS	MANUFACTURER/MODEL NO.	NOTES
C6	6" LED COMMERCIAL DOWNLIGHT. SPECULAR CLEAR OPEN REFLECTOR.	MULTI TAP (UNV.)	RECESSED IN GYP CEILING	4000 LUMENS 4000K 72 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	NONE	HE WILLIAMS #6DR PORTFOLIO # LD6	1,2,3
C6E	SAME AS C6 EXCEPT WITH EMERGENCY LED BATTERY PACK	MULTI TAP (UNV.)	RECESSED IN GYP CEILING	4000 LUMENS 4000K 72 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	NONE	HE WILLIAMS #6DR PORTFOLIO # LD6	1,2,3

HIGH BAY FIXTURE

TYPE	DESCRIPTION	VOLTS	MOUNTING	LAMPS	BALLAST	EM BAT. PK.	LENS	MANUFACTURER/MODEL NO.	NOTES
HB	2X4 LED HIGH BAY LENSED FIXTURE.	MULTI TAP (UNV.)	3/4" NTP PIPE BRACKET.	18000 LUMENS 4000K 172 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	IMPACT RESISTANT POLYCARBONATE ROUND DROP REFLECTOR WITH LENS	HE WILLIAMS # GH METALUX # LHB	1,2,3

EXIT SIGN/EMERGENCY LIGHTS

TYPE	DESCRIPTION	VOLTS	MOUNTING	LAMPS	BALLAST	EM BAT. PK.	LENS	MANUFACTURER/MODEL NO.	NOTES
E1	LED EXIT SIGN, EMERGENCY, WHITE THERMOPLASTIC WITH RED LETTERS, SINGLE SIDE (DIRECTIONAL ARROWS AS INDICATED ON LIGHTING PLANS). MEETS UL LISTINGS FOR THIS TYPE OF LUMINAIRE. WITH SELF-CONTAINED, SELF DIAGNOSING, EMERGENCY BATTERY PACK.	MULTI TAP (UNV.)	UNIVERSAL SURFACE WALL AT 8'-0"AFF OR CEILING	LED LAMPS	NONE	NICKEL CADIUM PER MFG.	NONE	ATLAS #EXPRWR EMERGILITE #ELX	1,2,3

SURFACE UTILITY

TYPE	DESCRIPTION	VOLTS	MOUNTING	LAMPS	BALLAST	EM BAT. PK.	LENS	MANUFACTURER/MODEL NO.	NOTES
S4	4' STRIP, COLD-ROLLED STEEL, BAKED WHITE ENAMBEL, NO REFLECTOR, ACRYLIC LENS. WITH WIREGUARD OPTION	MULTI TAP (UNV.)	CHAIN HUNG, MOUNT AT 8FT AFF	4000 LUMENS 4000K 44 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	LENSED	HE WILLIAMS # 75R METALUX # 4SLSTP	1,3
S4E	SAME AS S4C EXCEPT WITH EMERGENCY LED BATTERY PACK.	MULTI TAP (UNV.)	CHAIN HUNG, MOUNT AT 8FT AFF	4000 LUMENS 4000K 44 WATTS	LED DRIVER PROVIDED WITH FIXTURE	EMERGENCY LED BATTERY PACK	LENSED	LSI # SDL4 METALUX # 4SLSTP	1,3
WL4	4FT WALL SURFACE LENSED LED LIGHT FIXTURE, STEEL HOUSING, BAKED WHITE ENAMEL FINISH	MULTI TAP (UNV.)	SURFACE WALL MOUNT AT 8FT AFF	4000 LUMENS 4000K 34 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	LENSED	LSI # SDL4 NULITE # RW2B	1,2,3
WL4E	SAME AS WL4 EXCEPT WITH EMERGENCY LED BATTERY PACK.	MULTI TAP (UNV.)	SURFACE WALL MOUNT AT 8FT AFF	4000 LUMENS 4000K 34 WATTS	LED DRIVER PROVIDED WITH FIXTURE	EMERGENCY LED BATTERY PACK, 1400 LUMEN	LENSED	LSI # SDL4 NULITE # RW2B	1,2,3

EXTERIOR LIGHTING

TYPE	DESCRIPTION	VOLTS	MOUNTING	LAMPS	BALLAST	EM BAT. PK.	LENS	MANUFACTURER/MODEL NO.	NOTES
WP	WALL SCONCE, BRONZE FINISH. WIDE THROW DISTRUBTION.	MULTI TAP (UNV.)	SEE ARCH. ELEVATIONS	6600 LUMENS 4000K 59W	LED DRIVER PROVIDED WITH FIXTURE	NONE	LENSED	LSI # XWM LUMARK # AXCL8A	1,2,3
WPE	SAME AS WP EXCEPT WITH EMERGENCY LED BATTERY PACK.	MULTI TAP (UNV.)	SEE ARCH. ELEVATIONS	6600 LUMENS 4000K 59W	LED DRIVER PROVIDED WITH FIXTURE	EMERGENCY BATTERY BACK-UP	LENSED	LSI # XWM LUMARK # AXCL8A	1,2,3
D8	8" LED EXTERIOR CANOPY DOWNLIGHT, WHITE FINISH.	MULTI TAP (UNV.)	RECESSED IN CANOPY	3000 LUMENS 4000K 27 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	LENSED	LSI # LAD8 PORTFOLIO # LD8B	1,2,3
D8E	SAME AS D8 EXCEPT WITH EMERGENCY LED BATTERY PACK.	MULTI TAP (UNV.)	RECESSED IN CANOPY	3000 LUMENS 4000K 27 WATTS	LED DRIVER PROVIDED WITH FIXTURE	NONE	LENSED	LSI # LD	1,2,3

Branch Panel: HW1

Location: ELEC ROOM 109
Supply From: DIST PANEL HW1
Mounting: Surface
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
MCB Rating: 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	TU-1-1	20 A	1	3800 VA	2000 VA								2
3	TU-1-3	20 A	1			3600 VA	2000 VA			3	20 A	TU-1-2	4
5								3500 VA	2000 VA				6
7	TU-1-4	20 A	3	3500 VA	3500 VA								8
9						3500 VA	3500 VA			3	20 A	TU-1-5	10
11								3500 VA	3500 VA				12
13	TU-1-7	20 A	3	3500 VA	3500 VA								14
15						3500 VA	3500 VA			3	20 A	TU-1-6	16
17	WEIGHT ROOM LIGHTING	30 A	1					4988 VA	3500 VA				18
19	INTERIOR LIGHTING	20 A	1	1170 VA	470 VA					1	20 A	EXTERIOR LIGHTING	20
21	SPARE	20 A	1			0 VA	167 VA			1	20 A	EXTERIOR LIGHTING	22
23	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	24
25	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	26
27	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	28
29								2000 VA	0 VA	1	20 A	SPARE	30
31	HAIKU FANS (ALTERNATE 4)	20 A	3	2000 VA	0 VA					1	20 A	SPARE	32
33						2000 VA	0 VA			1	20 A	SPARE	34
35	TU-1-8 (ALTERNATE 1)	20 A	1					0 VA	702 VA	1	20 A	INTERIOR LIGHTING (ALTERNATE 1)	36
37				2433 VA	2433 VA								38
39	TU-1-9 (ALTERNATE 1)	20 A	3			2433 VA	2433 VA			3	20 A	TU-1-10 (ALTERNATE 1)	40
41								2433 VA	2433 VA				42
			Total Load:	28305 VA		26629 VA		28349 VA					
			Total Amps:	103 A		96 A		103 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	7177 VA	100.00%	7177 VA		
Other	106 VA	100.00%	106 VA	**Total Conn. Load:**	83257 VA
Power	6000 VA	100.00%	6000 VA	**Total Est. Demand:**	83257 VA
Heating	69998 VA	100.00%	69998 VA	**Total Conn. Current:**	100 A
Lighting - Dwelling Unit	150 VA	100.00%	150 VA	**Total Est. Demand Current:**	100 A
LTG	0 VA	0.00%	0 VA		

Notes:

Branch Panel: LW1

Location: ELEC ROOM 109
Supply From: DPW
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MCB
MCB Rating: 150 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	DRYER	20 A	2	1500 VA	1200 VA					1	20 A	WASHER	2
3						1500 VA	1200 VA			1	20 A	ICE MAKER	4
5	RECEP. RM 103	20 A	1					3120 VA	1080 VA	1	20 A	RECEP. RM 103	6
7	RECEP. RM 103	20 A	1	360 VA	360 VA					1	20 A	RECEP. RM 103	8
9	WHIRPOOL	20 A	1			180 VA	900 VA			1	20 A	RECEP. RM 105	10
11	RECEP. RM 104	20 A	1					720 VA	1000 VA	1	20 A	EDF	12
13	EDF	20 A	1	1000 VA	1000 VA					1	20 A	EDF	14
15	EXTERIOR RECEP.	20 A	1			360 VA	1000 VA			1	20 A	FACP	16
17	EXTERIOR RECEP.	20 A	1					360 VA	900 VA	1	20 A	RECEP. RM 100	18
19	CP-1	20 A	1	200 VA	1000 VA					1	20 A	DDC CONTROL PANEL	20
21	I.T. SERVER	20 A	1			360 VA	0 VA			1	20 A	SPARE	22
23	MS-CU-1	30 A	2					1400 VA	0 VA	1	20 A	SPARE	24
25				1400 VA	0 VA					1	20 A	SPARE	26
27	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	28
29	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	30
31	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	32
33	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	34
35	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	36
37	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	38
39	SPARE	20 A	1			0 VA	900 VA			1	20 A	RECEP. RM 112 (ALTERNATE 1)	40
41	SPARE	20 A	1					0 VA	720 VA	1	20 A	RECEP. RM 111 (ALTERNATE 1)	42
			Total Load:	8020 VA		6400 VA		9300 VA					
			Total Amps:	69 A		53 A		80 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	2800 VA	100.00%	2800 VA		
Other	200 VA	100.00%	200 VA	**Total Conn. Load:**	21720 VA
Receptacle	18720 VA	76.71%	14360 VA	**Total Est. Demand:**	17360 VA
				Total Conn. Current:	60 A
				Total Est. Demand Current:	48 A

Notes:

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REVISIONS

NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

ELECTRICAL SCHEDULES

Project Number:
201924
Sheet issue date:
2020.08.20

LW2 | HW1
LIGHT FIXTURE SCHEDULE | LW1

E701

GENERAL SYMBOLS

SECTION SYMBOL
SECTION LOCATION → A1
DRAWING NUMBER WHERE DETAILED → P301

DETAIL SYMBOL
DETAIL LOCATION → A1
DRAWING NUMBER WHERE DETAILED → P501

EQUIPMENT SYMBOLS

XX - ##
- SYMBOL INDICATES EQUIPMENT IDENTIFIED IN EQUIPMENT SCHEDULE
- NUMBERS REFER TO SPECIFIC EQUIPMENT
- LETTERS REFER TO THE EQUIPMENT TYPE

SECTION AND DETAIL TITLES
SECTION LETTER LOCATION → A1 SECTION
DRAWING NUMBER WHERE DETAILED → P301 SCALE

DETAIL NUMBER LOCATION → A1 DETAIL
DRAWING NUMBER WHERE DETAILED → P501 SCALE

PLUMBING FIXTURE MARK

LV-1 — FIXTURE TYPE REFER TO SCHEDULE FOR ADDITIONAL INFORMATION

P-1 / 2" — P-1: VENT NUMBER; 2": VENT SIZE

GENERAL NOTES

1. OBTAIN ALL NECESSARY PERMITS, PAY LEGAL FEES AND COMPLY WITH ALL NATIONAL, STATE AND MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY.
2. IT IS THE INTENTION OF THESE DRAWINGS TO CALL FOR FINISHED WORK, I.E., FULLY ADJUSTED, TESTED, AND READY FOR OPERATION. WHEREVER THE WORK "PROVIDE" IS USED, IT SHALL MEAN, "FURNISH AND INSTALL COMPLETE AND READY FOR USE".
3. PROTECT EQUIPMENT AND WORK FROM DAMAGE DURING HANDLING AND INSTALLATION UNTIL COMPLETION OF CONSTRUCTION.
4. REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT UPON COMPLETION OF WORK. TOUCH UP WITH PAINT WHERE REQUIRED.
5. ALL SYSTEMS SHALL BE COMPLETE AND WORKING AT COMPLETION OF CONSTRUCTION.
6. CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. INSTALL EQUIPMENT AND MAKE FINAL CONNECTIONS, FURNISHING CUTOFF VALVES, P-TRAPS, P.R.V'S, AND PIPING AS REQUIRED.
7. ALL CONNECTIONS BETWEEN PIPES OF DISSIMILAR MATERIALS SHALL BE MADE WITH DIELECTRIC UNIONS. PROVIDE ACCESS PANELS WHERE REQUIRED.
8. COORDINATE WATER, WASTE AND VENT PIPING WITH OTHER TRADES TO AVOID SPACING OR ROUTING PROBLEMS.
9. CONTRACTOR SHALL COORDINATE ALL WORK CLOSELY WITH NEW MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL.
10. SUBMIT SHOP DRAWINGS OF PROPOSED NEW DEVICES PRIOR TO INSTALLATION.
11. FURNISH OWNER WITH COMPLETE OPERATING MANUALS AND INSTRUCTIONS FOR ALL EQUIPMENT FURNISHED.
12. FIXTURES, EQUIPMENT AND CONNECTIONS, AND PIPING SHALL BE FURNISHED AND INSTALLED TO MEET OR EXCEED STATE AND LOCAL CODES AND REQUIREMENTS.
13. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL OFFSETS. INSTALL PIPING AS CLOSE AS POSSIBLE TO LOCATIONS SHOWN. WHERE INTERFERENCES WITH COMPONENTS OF OTHER TRADE'S WORK (STRUCTURAL FOUNDATIONS OR OTHER BUILDING ELEMENTS) REQUIRE ROUTINGS AND LOCATIONS THAT VARY FROM THOSE SHOWN, THE CONTRACTOR SHALL OBTAIN PROJECT ENGINEER'S APPROVAL PRIOR TO INSTALLATION. NO ADDITIONAL COST SHALL BE GRANTED FOR THESE CHANGES.
14. THE PLUMBING DRAWINGS DO NOT NECESSARILY SHOW EVERY COMPONENT AND/OR ACCESSORY REQUIRED FOR A COMPLETE INSTALLATION. THE CONTRACTOR SHALL INCLUDE SUCH ITEMS AS ARE REQUIRED TO ENSURE THAT THE ENTIRE SYSTEM IS FUNCTIONING IN COMPLIANCE WITH APPLICABLE CODES, ACCEPTED INDUSTRY STANDARDS, AND MANUFACTURER'S INSTALLATION REQUIREMENTS UPON COMPLETION OF THE WORK.
15. FURNISH AND INSTALL WATER HAMMER ARRESTORS IN COLD WATER LINES AT CONNECTIONS TO FLUSH VALVES AND QUICK CLOSING VALVES AND AT ALL HOT AND COLD WATER CONNECTIONS TO FIXTURES.
16. ROUGH-IN PLUMBING PIPING USING DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS. LOCATION OF ALL PIPING SHALL ALLOW INSTALLATION OF FIXTURES WITHOUT THE NEED TO FURR-OUT WALLS.
17. PROVIDE CLEANOUTS IN EXCESS OF THOSE SHOWN WHICH ARE REQUIRED BY THE PLUMBING CODE.
18. INDIVIDUAL FIXTURE SUPPLY AND DRAIN SERVICES ARE NOT SHOWN IN PLAN VIEW DUE TO DRAWING SPACE LIMITATIONS. THE CONTRACTOR SHALL PROVIDE ALL SERVICES FOR A COMPLETE FUNCTIONAL INSTALLATION.
19. DO NOT INSTALL PIPING AT LOCATIONS THAT INTERFERE WITH SERVICE ACCESSIBILITY TO EQUIPMENT.
20. A.D.A. ACCESSIBLE LAVATORIES AND SINKS: INSULATE ALL EXPOSED DRAIN PIPING AND WATER SUPPLY PIPING BENEATH A.D.A. COMPLIANT LAVATORIES & SINKS WITH FULLY MOLDED CLOSED CELL VINYL INSULATION KIT AS MANUFACTURED BY TRUEBRO, BROCAR OR MCGUIRE.
21. ALL CONFLICTS, WHICH MAY PREVENT THE COMPLETION OF WORK AS INTENDED, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION. THE CONTRACTOR SHALL PROCEED AT THEIR OWN RISK UNTIL ALL CONFLICTS ARE RESOLVED AND THE CLARIFYING INFORMATION IS ISSUED TO THE CONTRACTOR BY THE ARCHITECT.
22. THE SUPPLY OF BOTH HOT AND COLD WATER TO EACH FIXTURE SHALL BE EQUIPPED WITH STOP VALVE. ALL EXPOSED VALVES AND COCKS SHALL BE CHROMIUM PLATED TO CORRESPOND TO PIPE FINISH.
23. CONTRACTOR WILL BE RESPONSIBLE FOR RELOCATING DOMESTIC WATER LINES IN CONFLICT WITH OTHER TRADES SCOPE OF WORK INCLUDING MECHANICAL EQUIPMENT, PIPING, DUCTS, ELECTRICAL CONDUITS, ETC.

NOTE: NOT ALL THE ABBREVIATIONS OR SYMBOLS APPLY TO THIS PROJECT

ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR	HD	HEAD
AFG	ABOVE FINISHED GRADE	HE	HEAT EXCHANGER
ARV	AIR RELIEF VALVE	HP	HORSEPOWER
BOP	BOTTOM OF PIPE	IM	ICE MAKER
BS	BIRD SCREEN	IN	INCHES
BTU	BRITISH THERMAL UNIT	INV	INVERT
BTUH	BTU PER HOUR	JP	JOCKEY PUMP
CI	CAST IRON	KW	KITCHEN WASTE, or, KILOWATT
CO	CLEAN OUT	LV	LAVATORY
CP	CIRCULATION PUMP	MB	MOP BASIN
DCO	DOUBLE CLEANOUT	NA	NOT APPLICABLE
DCOTG	DOUBLE CLEANOUT TO GRADE	NC	NORMALLY CLOSED
DCW	DOMESTIC COLD WATER	NIC	NOT IN CONTRACT
DHW	DOMESTIC HOT WATER	NO	NORMALLY OPEN
DHWR	DOMESTIC HOT WATER RETURN	No. #	NUMBER
CWM	CLOTHES WASHING MACHINE	OW	OIL WASTE
DF	DRINKING FOUNTAIN	OWV	OIL WASTE VENT
DN	DOWN	PC	PLUMBING CONTRACTOR
DS	DOWNSPOUT	PRV	PRESSURE REDUCING VALVE
DWBP	DOMESTIC WATER BOOSTER PUMP	PH	PHASE
ECO	EXTERIOR CLEANOUT	PSAN	PUMPED SANITARY
EL	ELEVATION	PSB	PLUMBING SERVICE BOX
EWH	ELECTRIC WATER HEATER	PSIG	POUNDS PER SQ. INCH GAUGE
EWC	ELECTRIC WATER COOLER	PV	PRIMING VALVE
EEW	EMERGENCY EYEWASH	SE	SEWAGE EJECTOR
EM	EMERGENCY	SH	SHOWER
EPP	ELEVATOR PIT PUMP	SK	SINK
ES	EMERGENCY SHOWER	SP	SUMP PUMP
ESEW	EMERGENCY SHOWER EYE WASH	SV	SOLENOID VALVE
EX	EXISTINGCP	SS	SERVICE SINK, or, STAINLESS STEEL
(E)	EXISTING	TD	TRENCH DRAIN
°F	DEGREES FAHRENHEIT	TMV	THERMOSTATIC MIXING VALVE
FCO	FLOOR CLEANOUT	TP	TRAP PRIMER
FD	FLOOR DRAIN	TYP	TYPICAL
FFE	FINISHED FLOOR ELEVATION	UR	URINAL
FP	FIRE PUMP	V	VENT
FS	FLOOR SINK	VTR	VENT THROUGH ROOF
FT	FEET	VB	VACUUM BREAKER
FV	FLUSH VALVE	YB	YARD BOX
GC	GENERAL CONTRACTOR	YH	YARD HYDRANT
GI	GREASE INTERCEPTOR	W	WASTE
GPH	GALLONS PER HOUR	WCO	WALL CLEANOUT
GPM	GALLONS PER MINUTE	WC	WATER CLOSET
GWH	GAS WATER HEATER	WH	WALL HYDRANT
GPR	GAS PRESSURE REDUCER	WHA	WATER HAMMER ARRESTOR
HB	HOSE BIBB		

PIPING SYMBOLS

SYMBOL AND ABBREVIATION	DESCRIPTION
	CONDENSATE DRAIN
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
	VENT
	SANITARY SEWER
	UNDERGROUND SANITARY SEWER
SD	STORM/ROOF DRAIN
OSD	OVERFLOW STORM DRAIN
NG	NATURAL GAS-LOW PRESSURE
	DIRECTION OF FLOW
	REDUCER OR INCREASER
	ECCENTRIC REDUCER
	RISE IN PIPE
	UNION
	WYE TYPE STRAINER
	THERMOMETER
	PRESSURE GAUGE AND GAUGE COCK
WHA	WATER HAMMER ARRESTOR
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	DROP IN PIPE
	FLEXIBLE CONNECTION
A	AUTOMATIC AIR VENT (AAV)
FD	FLOOR DRAIN
FS	FLOOR SINK
AD	AREA DRAIN
FCO ∅	FLOOR CLEANOUT
ECO ∅	EXTERIOR CLEAN OUT
∅ ∅	TWO WAY OR DOUBLE CLEANOUT TO GRADE
RD	ROOF DRAIN
OD	OVERFLOW DRAIN
DD	DECK DRAIN
	EXTEND NEW FROM THIS POINT
	DEMO TO THIS POINT

VALVE SYMBOLS

SYMBOL	DESCRIPTION
	GATE VALVE
	CHECK VALVE
	GLOBE VALVE
	PLUG VALVE
	WATER PRESSURE REDUCING VALVE
	BALANCING VALVE/CIRCUIT SETTER MEASURING DEVICE
S	SOLENOID VALVE
	BALL VALVE
	DRAIN VALVE
	OS&Y VALVE
	BUTTERFLY VALVE
	FUEL GAS PRESSURE REGULATOR
	PRESSURE RELIEF VALVE
	TEMPERATURE AND PRESSURE RELIEF VALVE
	2-WAY CONTROL VALVE
	3-WAY MODULATING CONTROL VALVE
	FLOW SWITCH
	DIAPHRAGM VALVE (PROCESS SYSTEMS)
	AUTO BALL DRIP VALVE
	VALVE IN VERTICAL
	REDUCED PRESSURE BACKFLOW PREVENTER(RPBP)
	DOUBLE CHECK BACKFLOW PREVENTER (DCBP)
	DOUBLE DETECTOR CHECK ASSEMBLY (DDCA)
	ATMOSPHERIC VACCUM BREAKER
	PRESSURE STYLE VACUUM BREAKER

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REVISIONS

NUMBER	DATE

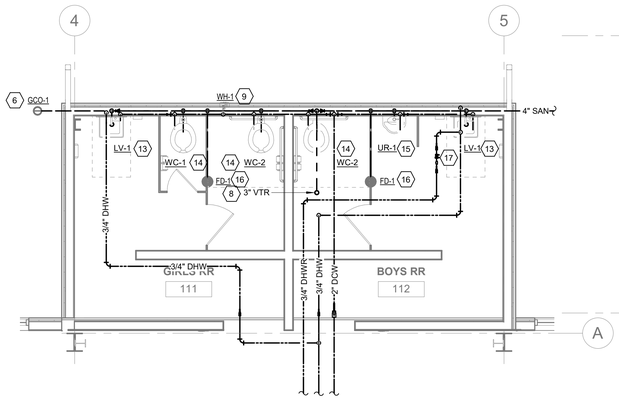
EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

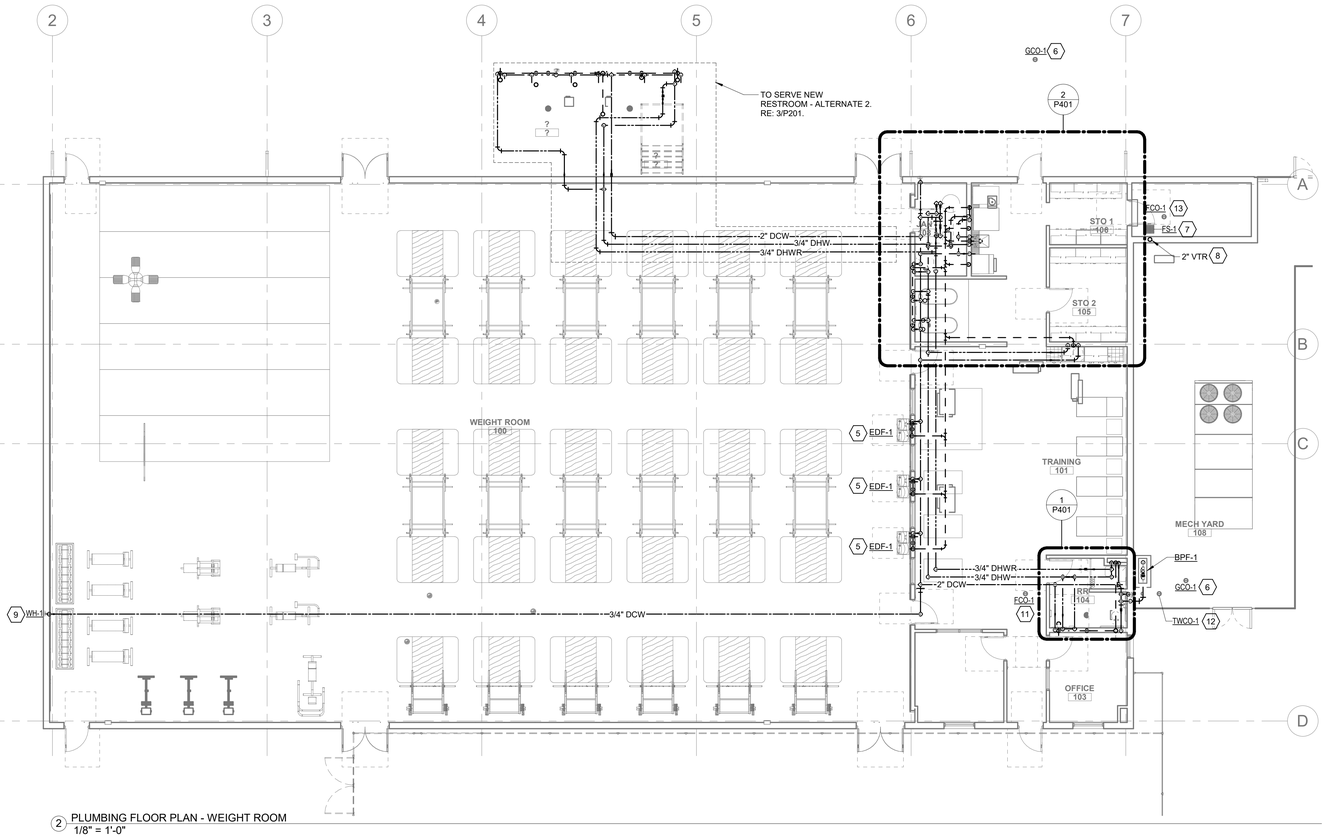
PLUMBING GENERAL INFORMATION

Project Number: 201924
Sheet issue date: 2020.08.20

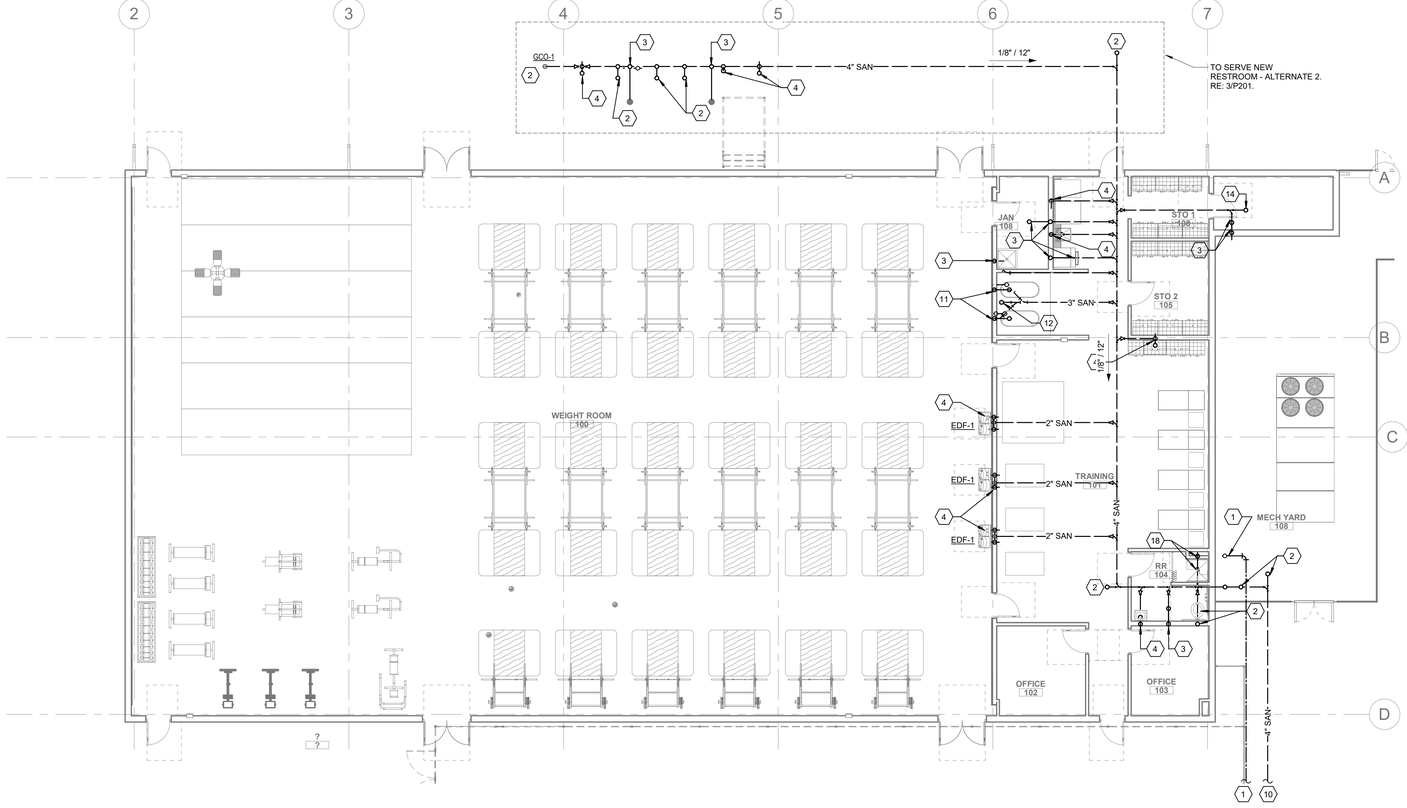
P001



3 PLUMBING FLOOR PLAN - RESTROOMS - ALTERNATE 2
1/4" = 1'-0"



2 PLUMBING FLOOR PLAN - WEIGHT ROOM
1/8" = 1'-0"



1 PLUMBING UNDERFLOOR PLAN - WEIGHT ROOM
1/8" = 1'-0"

GENERAL NOTES

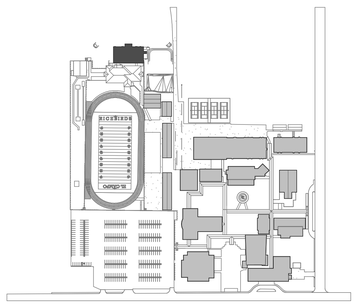
A. REFER TO SHEET P001 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.

B. CLEAN AND REPAIR EXISTING MATERIALS AND EQUIPMENT WHICH BECOME DAMAGED OR CONTAMINATED BY CONSTRUCTION ACTIVITY.

C. CIVIL/SITE WORK IS PROVIDED UNDER A SEPARATE PROJECT. CONTRACTOR SHALL COORDINATE ALL SITE PLUMBING WORK WITH THE OTHER CONTRACTOR PERFORMING THE CIVIL/SITE WORK.

SHEET KEYED NOTES

1. 2" DOMESTIC COLD WATER UP. RE: 2/P201 FOR CONTINUATION. MINIMUM INVERT ELEVATION (-)3'-0" BELOW FINISHED FLOOR. RE: 1/P502 FOR DETAIL.
2. 4" WASTE FROM ABOVE. RE: 2/P201 FOR CONTINUATION .
3. 3" WASTE FROM ABOVE. RE: 2/P201 FOR CONTINUATION OF VENT.
4. 2" WASTE FROM ABOVE. RE: 2/P201 FOR CONTINUATION.
5. 2" WASTE DOWN, 2" VENT UP FROM ELECTRIC DRINKING FOUNTAIN. 3/4" DCW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
6. LOCATION OF GRADE CLEANOUT. RE: 1/P201 FOR CONTINUATION. RE: 6/P501 FOR DETAIL.
7. 3" WASTE DONW, 2" VENT UP FROM FLOOR SINK. RE: 1/P201 FOR CONTINUATION. RE: 9/P501 FOR DETAIL.
8. LOCATION OF VENT THRU ROOF. RE: 4/P501 FOR DETAIL.
9. 3/4" DCW DOWN AT WALL TO SERVE WALL HYDRANT.
10. APPROXIMATE LOCATION OF SANITARY SEWER EXITING THE BUILDING. MINIMUM INVERT ELEVATION (-)5'-3" BELOW FINISHED FLOOR . REFER TO CIVIL DRAWINGS FOR CONTINUATION.
11. LOCATION OF FLOOR CLENAOUT. RE: 1/P201 FOR CONTINUATION. RE: 12/P501 FOR DETAIL.
12. LOCATION OF TWO-WAY CLENOUT. RE: 1/P201 FOR CONTINUATION. RE: 5/P501 FOR DETAIL.
13. 2" WASTE DONW, 2" VENT UP FROM LAVATORY. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
14. 4" WASTE DOW, 2" VENT UP FROM WATER CLOSET. 1-1/2" DCW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
15. 2" WASTE DOW, 2" VENT UP FROM URINAL. 3/4" DCW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
16. 3" WASTE DOWN, 2" VENT UP FROM FLOOR DRAIN. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE WHIRLPOOL TUB. RE: 1/P201 FOR CONTINUATION.
17. PROVIDE NEW CIRCUIT SETTER BALANCING VALVE. RE: 17/P501 FOR DETAIL.
18. 2" WASTE FROM ABOVE. RE: 2/P201 FOR CONTINUATION OF VENT.



KEY PLAN - SITE

PLAN NORTH
TRUE NORTH

SCALE: 1/4" = 1'-0"
0' 2' 4' 8'

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EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

PLUMBING FLOOR PLAN - WEIGHT ROOM

Project Number:
201924
Sheet issue date:
2020.08.20

P201

GENERAL NOTES

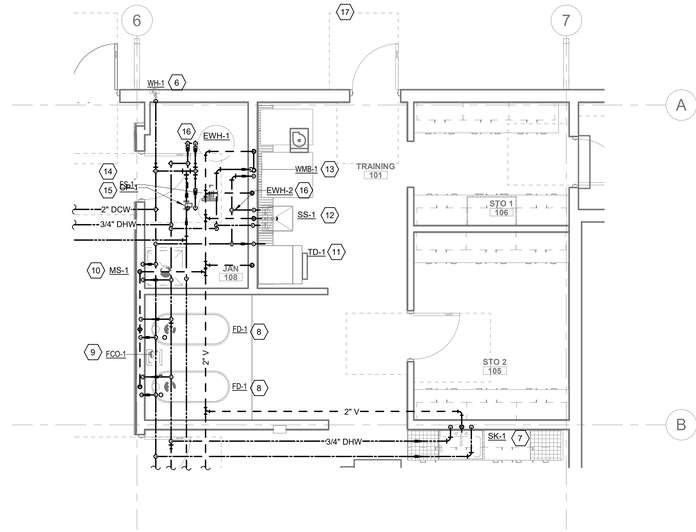
A. REFER TO SHEET P001 FOR SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.

B. CLEAN AND REPAIR EXISTING MATERIALS AND EQUIPMENT WHICH BECOME DAMAGED OR CONTAMINATED BY CONSTRUCTION ACTIVITY.

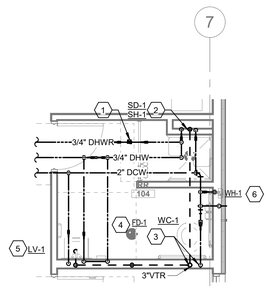
C. CIVIL/SITE WORK IS PROVIDED UNDER A SEPARATE PROJECT. CONTRACTOR SHALL COORDINATE ALL SITE PLUMBING WORK WITH THE OTHER CONTRACTOR PERFORMING THE CIVIL/SITE WORK.

SHEET KEYED NOTES

1. PROVIDE NEW CIRCUIT SETTER BALANCING VALVE. RE: 17/P501 FOR DETAIL.
2. 3" WASTE DONW, 2" VENT UP FROM SHOWER DRAIN. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
3. 4" WASTE DOW, 2" VENT UP FROM WATER CLOSET. 1-1/2" DCW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
4. 3" WASTE DOWN, 2" VENT UP FROM FLOOR DRAIN. RE: 10/P501 FOR DETAIL. RE: 1/P201 FOR CONTINUATION.
5. 2" WASTE DONW, 2" VENT UP FROM LAVATORY. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
6. 3/4" DCW DOWN AT WALL TO SERVE WALL HYDRANT.
7. 2" WASTE DOWN, 2" VENT UP FROM HAND SINK. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
8. 3" WASTE DOWN, 2" VENT UP FROM FLOOR DRAIN. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE WHIRLPOOL TUB. RE: 1/P201 FOR CONTINUATION.
9. LOCATION OF FLOOR CLENAOUT. RE: 1/P201 FOR CONTINUATION. RE: 12/P501 FOR DETAIL.
10. 3" WASTE DOWN, 2" VENT UP FROM MOP SINK. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
11. 3" WASTE DOWN, 2" VENT UP FROM TRENCH DRAIN. 3/4" COLD WATER DOWN AT WALL TO SERVE ICE MAKER. PROVIDE AND INSTALL NEW BACKFLOW PREVENTER BPF-2 PRIOR TO CONNECTION. RE: 1/P201 FOR CONTINUATION BELOW.
12. 2" WASTE DOWN, 2" VENT UP FROM SERVICE SINK. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE FIXTURE. RE: 1/P201 FOR CONTINUATION.
13. 2" WASTE DOWN, 2" VENT UP FROM WASHING MACHINE BOX. 3/4" DCW AND 3/4" DHW DOWN AT WALL TO SERVE FIXTURE.
14. 3" WASTE DONW, 2" VENT UP FROM FLOOR SINK. RE: 1/P201 FOR CONTINUATION. RE: 9/P501 FOR DETAIL.
15. LOCATION OF CIRCULATION PUMP. RE: 14/P501 FOR DETAIL.
16. LOCATION OF NEW FLOOR MOUNTED GAS WATER HEATERS. RE: X/P501 FOR DETAIL.
17. LOCATION OF GRADE CLEANOUT. RE: 1/P201 FOR CONTINUATION. RE: 6/P501 FOR DETAIL.



2 PLUMBING FLOOR PLAN - WEIGHT ROOM - WATER HEATER ROOM
1/4" = 1'-0"



1 PLUMBING FLOOR PLAN - WEIGHT ROOM - RESTROOM
1/4" = 1'-0"

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PLUMBING ENLARGED PLANS

Project Number:
201924
Sheet issue date:
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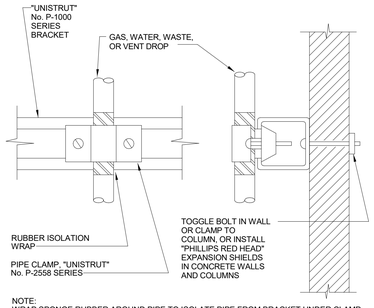
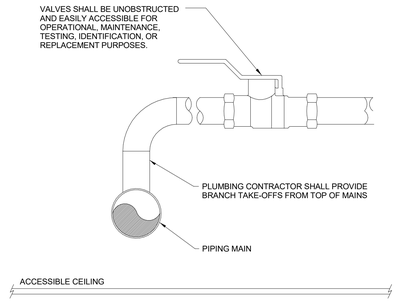
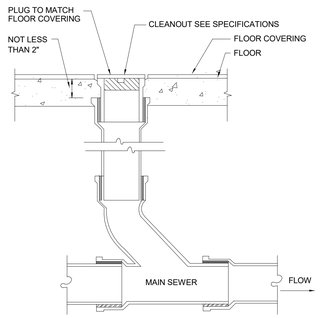
P401



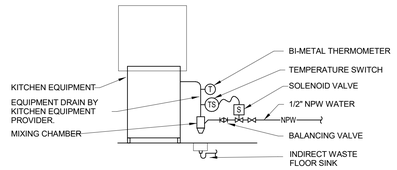
20 TYPICAL PIPING DROP DETAIL
SCALE: N.T.S.



16 TYPICAL BRANCH TAKE-OFF DETAIL
SCALE: N.T.S.

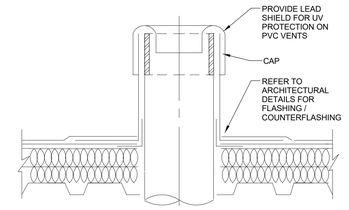


12 INTERIOR FLOOR CLEANOUT DETAIL
SCALE: N.T.S.

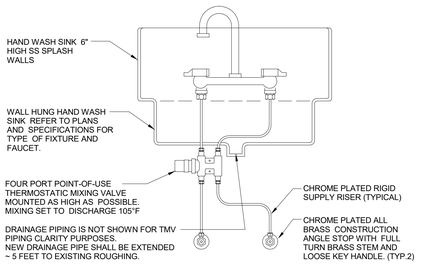


NOTES:
1. FOR INDIRECT WASTES BETWEEN 140°F AND 200°F AND MAXIMUM 15 GPM.
2. SET SOLENOID VALVE TO OPEN WHEN INDIRECT WASTE REACHES OR EXCEEDS 130°F (ADJUSTABLE).
3. INDIRECT WASTE RECEPTACLE: MINIMUM 4" HUB DRAIN OR FLOOR SINK.
4. SET BALANCING VALVE TO 15 GPM MAXIMUM.
5. INDIRECT WASTE RECEPTOR: FLOOR SINK WITH FUNNEL AND 4" MINIMUM SANITARY WASTE LINE. PROVIDE 2" MINIMUM AIR GAP AT INDIRECT WASTE DISCHARGE AND COLD WATER.
6. NON-POTABLE WATER: PROVIDED FROM RPZA BACKFLOW PREVENTER.
7. MIXING CHAMBER: PROVIDE SUFFICIENT VOLUME TO ALLOW HIGH TEMPERATURE INDIRECT WASTE TO MIX WITH TEMPERING WATER. MINIMUM SIZE 3"ØX4" LONG WITH 3X2 REDUCER.

8 HIGH TEMPERATURE INDIRECT WASTE DETAIL
SCALE: N.T.S.

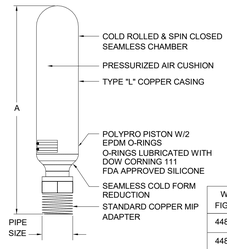


4 VENT THRU ROOF DETAIL
SCALE: N.T.S.



NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR HAND WASH SINK MOUNTING HEIGHTS.
2. P-TRAP, TAIL PIECE, AND WASTE ARM NOT SHOWN FOR CLARITY.
3. ALL WASTE PIPING UNDER SINK SHALL BE WRAPPED WITH PROTECTIVE PIPE COVERS.
4. SINK ANGLE STOP VALVES AND SUPPLY RISERS SHALL BE WRAPPED WITH PROTECTIVE PIPE COVERS. SUPPLY RISERS SHALL BE WRAPPED FROM STOP VALVES TO MIXING VALVE. ENDS OF PROTECTIVE WRAP SHALL BE CUT SQUARE AND TIE WRAPPED CLOSED.

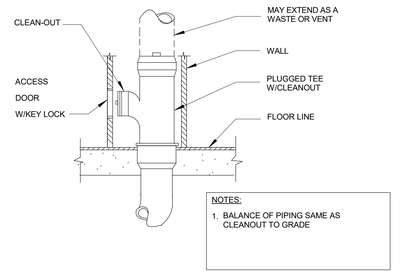
19 TYPICAL HAND WASH SINK OR LAVATORY W/TMV DETAIL
SCALE: N.T.S.



WADE FIG. NO	P.D.I. SYMB.	FIXTURE UNITS	PIPE SIZE	A
4481-A	A	1-11	1/2"	6-1/2"
4481-B	B	12-32	3/4"	8-3/4"
4481-C	C	33-60	1"	11"
4481-D	D	61-113	1"	10-1/8"
4481-E	E	114-154	1"	12-5/8"
4481-F	F	155-330	1"	15-1/8"

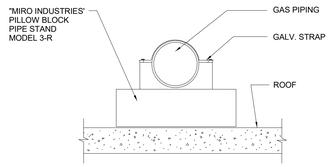
NOTES:
1. ALWAYS INSTALL IN UPRIGHT POSITION
2. INSTALL AT AN ACCESSIBLE LOCATION. PROVIDE ACCESS PANEL WHERE REQUIRED.

15 TYPICAL WATER HAMMER ARRESTOR (WHA)
SCALE: N.T.S.



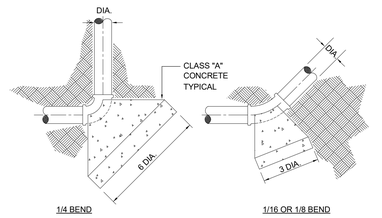
NOTES:
1. BALANCE OF PIPING SAME AS CLEANOUT TO GRADE

11 WALL CLEANOUT DETAIL
SCALE: N.T.S.



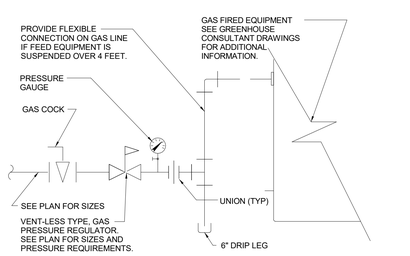
NOTES:
1. PROVIDE 12 GA. GALVANIZED STRAP. ATTACH TO PILLOW BLOCK PIPE STAND W/ CADMIUM PLATED SCREWS (SIZE AS REQUIRED)

7 GAS PIPE ON ROOF SUPPORT DETAIL
SCALE: N.T.S.

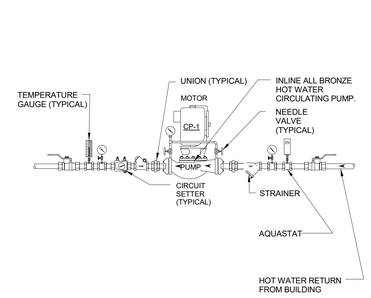


NOTES:
1. THRUST BLOCKING TO PREVENT MOVEMENT OF LINES UNDER PRESSURE AT BENDS, TEES, CAPS, VALVES, HYDRANTS AND AT POINTS SPECIFIED BY THE ENGINEER SHALL BE PORTLAND CEMENT CONCRETE, A MINIMUM OF 12" THICK PLACED BETWEEN SOLID GROUND AND FITTING. THRUST BLOCK SHALL BE ACCESSIBLE FOR REPAIRS. ALL BENDS OF 1 1/4" OR MORE, ALL TEES AND ALL PLUGS SHALL BE THRUST PROTECTED AS SHOWN. WHERE CONDITIONS PREVENT THE USE OF CONCRETE THRUST BLOCKS, ANCHORED JOINTS OF A TYPE APPROVED BY THE ENGINEER MAY BE USED.
2. THRUST BLOCK SIZES SHALL BE DESIGNED BASED UPON THE SOIL AND OPERATING PRESSURE.

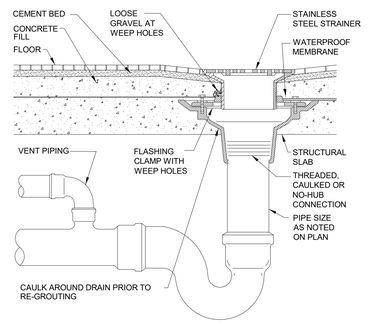
3 THRUST BLOCK DETAIL
SCALE: N.T.S.



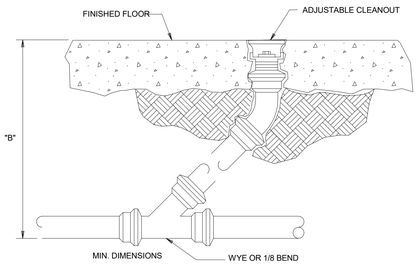
18 TYPICAL EQUIPMENT GAS SUPPLY DETAIL
SCALE: N.T.S.



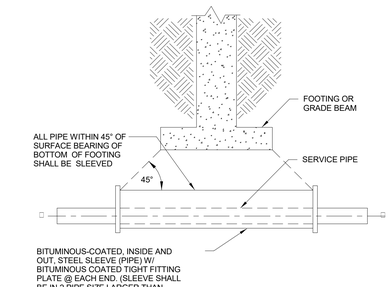
14 IN-LINE DOMESTIC HOT WATER RETURN PUMP
SCALE: N.T.S.



10 TYPICAL FLOOR DRAIN DETAIL
SCALE: N.T.S.

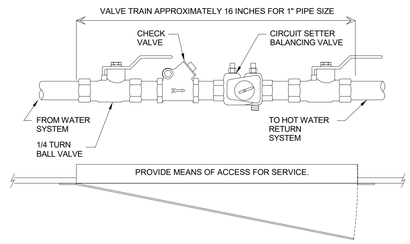


6 GRADE CLEANOUT DETAIL
SCALE: N.T.S.

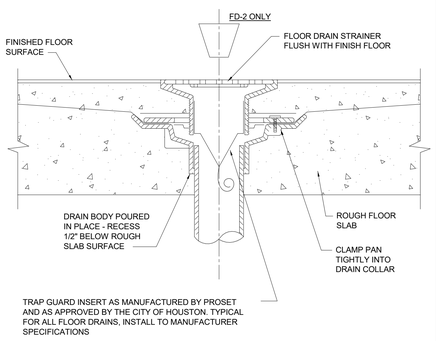


2 BELOW FOOTING, PIPE SLEEVE DETAIL
SCALE: N.T.S.

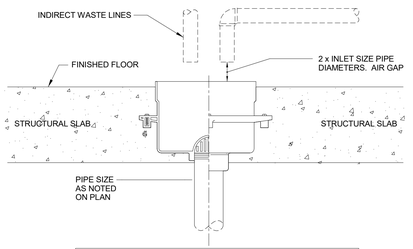
NOTES:
1. EACH VALVE SHALL BE FURNISHED WITH A PRE-FORMED REMOVABLE PVC INSULATION JACKET.
2. MARK THE BALANCING VALVE WITH AN ARROW ON THE VALVE BODY TO FLOW.
3. PROVIDE EASY AND UNOBSTRUCTED ACCESS TO THE VALVE FOR ADJUSTMENT AND MEASUREMENT.
4. SEE FLOOR PLAN FOR BALANCING VALVE LOCATION AND PIPE SIZE.



17 HOT WATER BALANCING VALVE DETAIL
SCALE: N.T.S.

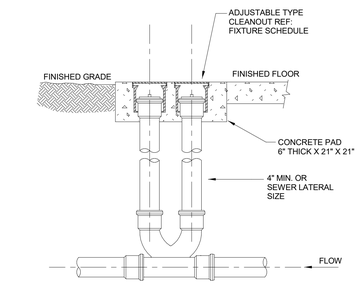


13 FLOOR DRAIN W/TRAP GUARD DETAIL
SCALE: N.T.S.

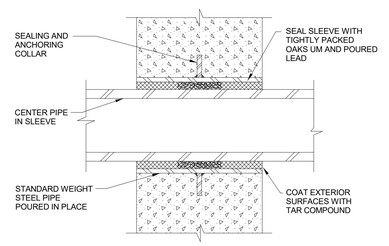


NOTES:
1. INDIRECT WASTE PIPING EXCEEDING 5' IN LENGTH SHALL BE TRAPPED WITH THE EXCEPTION OF CLEAR WATER WASTES.

9 12" x 12 x 12" FLOOR SINK DETAIL
SCALE: N.T.S.



5 TWO WAY CLEANOUT DETAIL
SCALE: N.T.S.



1 TYPICAL FOUNDATION PIPE SLEEVE DETAIL
SCALE: N.T.S.

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Date

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REVISIONS

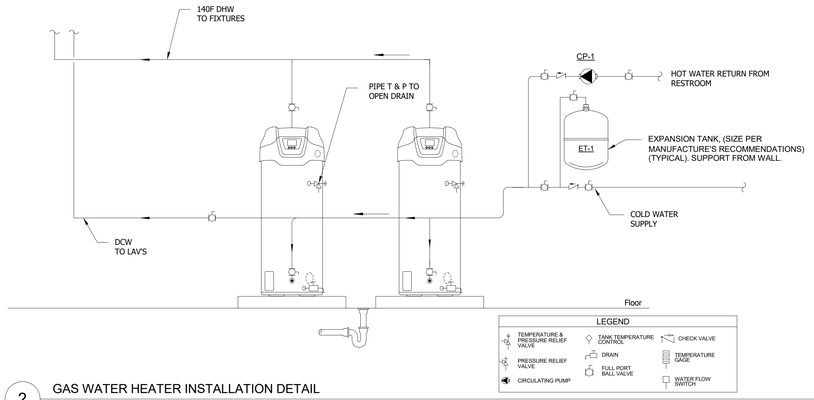
NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM
700 WEST NORRIS, EL CAMPO, TEXAS 77437

PLUMBING DETAILS

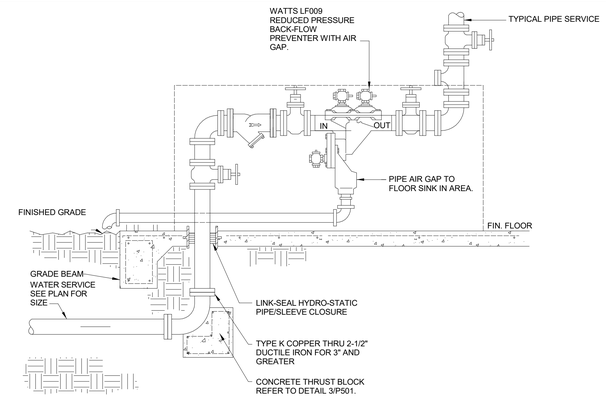
Project Number: 201924
Sheet issue date: 2020.08.20

P501



2 GAS WATER HEATER INSTALLATION DETAIL

SCALE: N.T.S.



1 DOMESTIC WATER ENTRANCE

SCALE: N.T.S.

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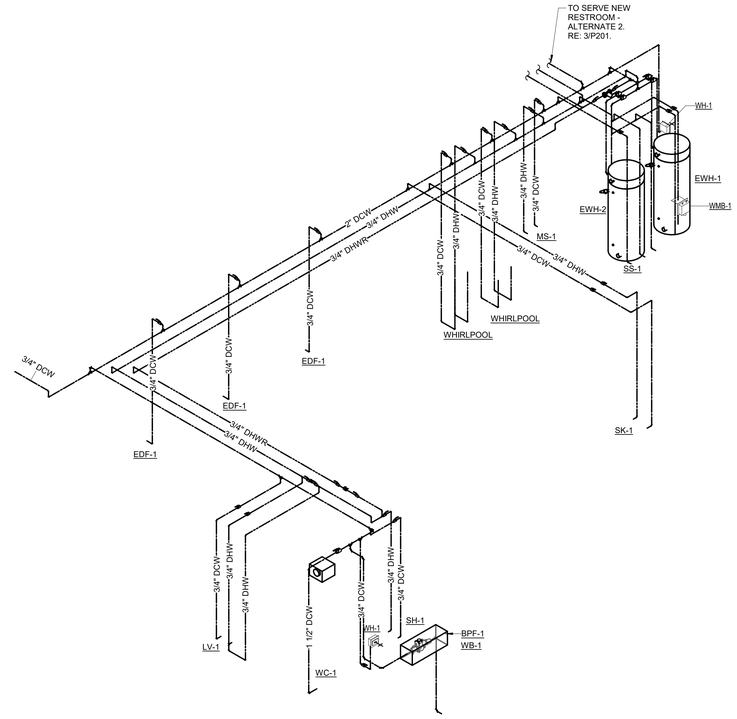
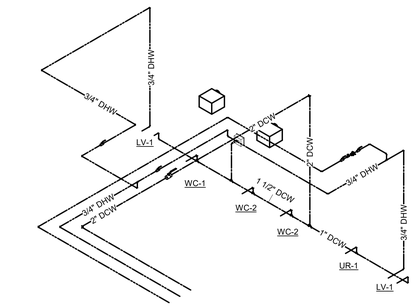
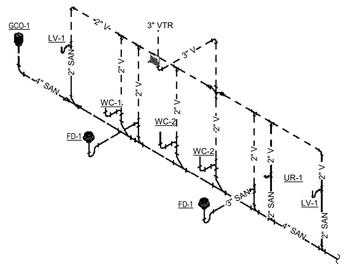
P502



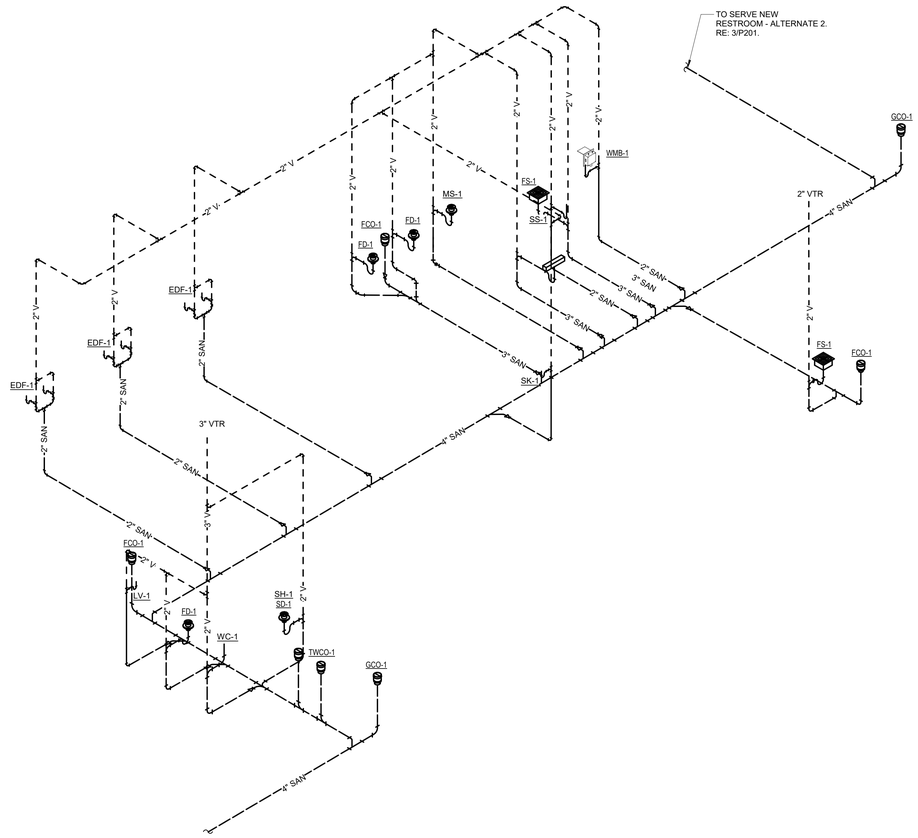
2 PLUMBING RISER DIAGRAM -DOMESTIC WATER



4 PLUMBING RISER DIAGRAM - WATER GIRLS AND BOYS - ALTERNATE 2



3 PLUMBING RISER DIAGRAM - SANITARY GIRLS AND BOYS - ALTERNATE 2



228 1 PLUMBING RISER DIAGRAM - SANITARY

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PLUMBING RISER

Project Number:
201924
Sheet issue date:
2020.08.20

P601

INLINE PUMP SCHEDULE

TAG	SERVING	TYPE	MANUFACTURER / MODEL	FLOW	TOTAL HEAD (FT H20)	VOLTS / PH / HZ	MOTOR RPM	DESCRIPTION	NOTES
CP-1	EWH-1-W	IN-LINE DHW RATED ALL BRONZE	BELL & GOSSET PL-SERIES	3 GPM	20	120 / 1 / 60	1725	PIPE MOUNTED WITH ISOLATION VALVES, INLET SIDE STRAINER, AND CHECK VALVE ON OUTLET.	1, 2, 3,4

NOTES:
1. FURNISH AND INSTALL PUMP COMPLETE WITH AQUASTAT AND TIMER.
2. MOTOR RATED SWITCH TO BE PROVIDED BY DIVISION 26.
3. PROVIDE CONTROLS & CONTROL PANEL AS DETAILED.
4. PROVIDE VIBRATION RATED HANGERS ON EACH SIDE OF THE PUMP VALVE ASSEMBLY.

ELECTRIC WATER HEATER SCHEDULE

TAG	MANUFACTURER & MODEL No.	LOCATION	CAPACITY GAL.	RECOVERY GPH	TEMPERATURE RISE (F)	ELECTRICAL KW	VOLTS	PH	HZ	REMARKS
EWH-1	BRADFORD WHITE #CEHD120(A) 24 3CF	JANITOR CLOSET	119	99 GPH	100	24	480	3	60	1-3
EWH-1	BRADFORD WHITE #CEHD120(A) 24 3CF	JANITOR CLOSET	119	99 GPH	100	24	480	3	60	1-3

NOTES:
1. SET WATER HEATER TEMPERATURE TO 140° F DEGREES.
2. ELECTRICAL DISCONNECT TO BE PROVIDED BY DIVISION 26.
3. PROVIDE EXPANSION TANK.

WATER STORAGE TANK SCHEDULE

TAG	TYPE	MANUFACTURER	MODEL	STORAGE GAL.
ET-1	POTABLE WATER	AMTROL	ST-12C	6.4

BACKFLOW PREVENTER SCHEDULE

TAG	DEVISE	TYPE	MANUFACTURER	MODEL	SERVING	MATERIAL	NOTES
BFP-1	BACKFLOW PREVENTER	REDUCED PRESSURE ZONE	WATTS	LF009	WEIGHT ROOM	CAST COPPER	1-5
BFP-2	BACKFLOW PREVENTER	DUAL CHECK VALVE WITH INTERMEDIATE ATMOSPHERIC VENT	WATTS	LF9D	ICE MAKER, GARBAGE DISPOSAL & COMBI-OVEN	LEAD FREE BRASS BODY W/ STAINLESS STEEL PARTS	1-4

NOTES:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE WITH LEAD FREE INLINE STRAINER AND ISOLATION VALVES FOR SERVICE.
3. INSTALL IN AN ACCESSIBLE LOCATION. (NOT FOR CONCEALED INSTALLATION).
4. REFER TO CONSTRUCTION DOCUMENTS FOR ACTUAL PIPE SIZE.
5. PROVIDE WITH WATTS #WB-N3 INSULATED BOX ENCLOSURURE. PROVIDED WITH 1000 WATTS HEAT TRACE. REFER TO ELECTRICAL DRAWINGS FOR CIRCUIT.

PLUMBING FIXTURE SCHEDULE

TYPE	MINIMUM ROUGH-IN SIZE WASTE	VENT	DCW	DHW	LP	MANUFACTURER/ MODEL	DESCRIPTION	NOTES
WC-1	4"	2"	1-1/2"	--		SLOAN ST-2009	ELONGATED FLOOR-MOUNTED WATER CLOSET VITREOUS CHINA, FLUSH VALVE: SLOAN ROYAL #111-SMO-1.28 BATTERY OPERATED 1.28GPF, TOP SPUD, ELONGATED BOWL, LEFT HAND TRIP LEVER, AMERICAN STANDARD #59001.100 HEAVY DUTY OPEN FRONT LESS COVER. ROVIDE JAY R. SMITH #0210 4" WASTE DISCHARGE FIXTURE SUPPORT.	
WC-2 (ADA)	4"	2"	1-1/2"	--		SLOAN ST-2449	ELONGATED FLOOR-MOUNTED ADA WATER CLOSET VITREOUS CHINA, FLUSH VALVE: SLOAN ROYAL #111-SMO-1.28 BATTERY OPERATED 1.28GPF, TOP SPUD, ELONGATED BOWL, LEFT HAND TRIP LEVER, AMERICAN STANDARD #59001.100 HEAVY DUTY OPEN FRONT LESS COVER. ROVIDE JAY R. SMITH #0210 4" WASTE DISCHARGE FIXTURE SUPPORT.	
UR-1	2"	2"	3/4"	--		SLOAN SU-1009	URINAL WHITE VITREOUS CHINA WASHDOWN FLUSHING ACTION - FLUSHOMETER SLOAN ROYAL #186.SMO-0.125-DBP BATTERY OPERATED. PROVIDED WITH JAY R. SMITH #0636 SUPPORT.	
LV-1 (ADA)	2"	2"	3/4"	3/4"		SLOAN SS-3003	LAVATORY - WALL-HUNG VITREOUS CHINA WITH BACKSPLASH. FAUCET: SLOAN #EBF-650-4-BAT-BDT-CP-0.5GPM-MLMHR-BT-FCT. SUPPLY WITH STOP: MCGUIRE #BV2165CC LOSE KEY SUPPLY AND STOP KIT. DRAIN/TAIL PIECE: MCGUIRE #155WC OFFSET LIFT AND TURN PLUG. TRAP: MCGUIRE #8090 CAST P-TRAP WITH CLEANOUT. INSULATION: TRUEBRO #LAV SHIELD PROTECTIVE ENCLOSURE ON TRAP, DRAIN, AND BOTH HOT AND COLD SUPPLY. LAVATORY SUPPORTS: JAY R. SMITH #0700.	
SK-1 (ADA)	2"	2"	3/4"	3/4"		ELKAY LRAD252160	ELKAY LUSTERTONE CLASSIC STAINLESS STEEL 25"X21-1/4"X6", SINGLE BOWL DROP-IN ADA SINK. ELKYA #LKGT1041 GOURMET SINGLE HOLE KITCHEN FAUCET WITH SPRAY AND LEVER HANDLE WITH HI AND MID-RISE 1.75GPM. SUPPLY WITH STOP: MCGUIRE #BV2165CC LOSE KEY SUPPLY AND STOP KIT. DRAIN/TAIL PIECE: MCGUIRE #155WC OFFSET LIFT AND TURN PLUG. TRAP: MCGUIRE #8090 CAST P-TRAP WITH CLEANOUT. INSULATION: TRUEBRO #LAV SHIELD PROTECTIVE ENCLOSURE ON TRAP, DRAIN, AND BOTH HOT AND COLD SUPPLY. PROVIDED WITH PT-1.	
MS-1	3"	2"	3/4"	3/4"		STERN-WILLIAMS SB-803	SERVICEPTOR 24"X24"X12" FLOOR MOUNTED SERVICE SINK. FAUCET: #SC-5812 COMMANDER WALL MOUNTED FAUCET, 4" WRIST BLADE HANDLES. INTEGRAL VACUUM BREAKER. PROVIDE 3" QUICK DRAIN CONNECTOR MODEL T-35 HOSE AND WALL BRACKET MODEL T-40 SS MOP HANGER, MODEL 1453-BB STAINLESS STEEL STRAINER DRAIN AND WALL GUARD.	
SS-1	3"	2"	3/4"	3/4"		AMERICAN STANDARD 7695.008	ENAMELED CAST IRON AKRON SERVICE SINK WITH 2 HOLES ON 8" CENTERS AND RIM GUARD. FAUCET: AMERICAN STANDARD 8340.243 EXPOSED YOKE WALL MOUNT UTILITY FAUCET WITH VACUUM BREAKER. METAL LEVER HANDLES.	
SH-2 (ADA)	--	--	3/4"	3/4"		SYMMONS TEPMPTROL C-96-500-B30-V-X	SHOWER SYSTEM WITH HAND SHOWER, ADA COMPLIANT, PRESSURE BALANCING MIXING VALVE WITH LEVER HANDLE, INTEGRAL SERVICE STOPS AND ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN. 2.0 GPM FLOW RATE RESTRICTOR. DUAL OUTLET DIVERTER VALVE. IN-LINE VACUUM BREAKER. FLEXIBLE METAL HOSE. SHOWER HEAD WITH ARM AND FLANGE. PROVIDED WITH SD-1 SHOWER DRAIN. ROUGH IN SHOWER HEAD AT 7'-0" AFF.D	
FCO-1	4"					JAY R. SMITH 4120A	DUCO CAST IRON GRADE CLEANOUT WITH ROUND ADJUSTABLE SCORIATED CAST IRON TOP.	
TWCO-1	4"					JAY R. SMITH 4220	STAINLESS STEEL SHALLOW COVER WITH CENTER SCREW.	
WCO-1	4"					JAY R. SMITH 4710	DUCO CAST IRON GRADE CLEANOUT WITH ROUND ADJUSTABLE SCORIATED CAST IRON TOP.	
FD-1	3"	2"	3/4"			JAY R. SMTIH 2005Y02B	5" SQUARE TOP STRAINER HEAD FLOOR DRAIN WITH ADJUSTABLE STRAINER HEAD. PROVIDE TRAP GUARD.	1-3
FD-2	3"	2"	3/4"			JAY R. SMTIH 2005Y02B	5" SQUARE TOP STRAINER HEAD FLOOR DRAIN WITH ADJUSTABLE STRAINER HEAD. PROVIDE TRAP GUARD. JAY R. SMITH #3580 FUNNEL ATTATCHEMENT	
SD-1	2"	2"	3/4"			JAY R. SMTIH 2005Y02B	5" SQUARE TOP STRAINER HEAD FLOOR DRAIN WITH ADJUSTABLE STRAINER HEAD.	1-3
FS-1	3"	2"	3/4"			JAY R. SMTIH 3150	SANI-CEPTOR FLOOR SINK, 8" DEEP. PROVIDE DRAIN WITH 3/4 GRATE.	1-3
WHA-1						WATTS LF15M2	PLUMBING FIXTURE BANK WATER SUPPLY BRANCH LINE. ASSE 1010 APPROVED. ANSI A112.26M APPROVED, PDI WH201 APPROVED AND CERTIFIED.	
EDF-1	2"	2"	3/4"			ELKAY LVRCTL8WSK W/ 98324C	ELKAY EZH2O VANDAL-RESISTANT BOTTLE FILLING STATION AND BI-LEVEL COOLER FILTERED ADA WALL MOUNTED ADA 8 GPH STAINLESS STEEL FINISH. 115V/60HZ, MCGUIRE #BV09 LOOSE KEY SUPPLY AND STOP KIT, TRAP: MCGUIRE #8090 CAST P-TRAP WITH CLEANOUT, SUPPORT: ELKAY #MLP200 IN WALL MOUNTING SYSTEM. CANE APRON ACCESSORY	
WB-1			3/4"			IPS CORPORATION 87967	PLASTIC SQUARE REFRIGERATOR OUTLET BOX WITH LEAD FREE QUARTER TURN HAMMER VALVE.	
WMB-1	2"	2"	3/4"	3/4"		IPS CORPORATION 82064	CENTER DRAIN WASHING MACHINE OUTLET BOX WITH QUARTER TURN VALVES.	
WH-1			3/4"			WOODFORD B67	BOX TYPE BACKFLOW PROTECTED FREEZELESS WALL HYDRANT	

NOTES:
1. PROVIDE WITH VANDAL RESISTANT SCREWS
2. PROVIDE WITH DEEP SEA TRAP.
3. FLOOR DRAINS IN TOILET ROOMS SHALL BE PROVIDED WITH TRAP GUARD.

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INTERIM REVIEW ONLY
Document incomplete, not intended for regulatory approval, permit, or construction.
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REVISIONS

NUMBER	DATE

EL CAMPO ISD WEIGHT ROOM

700 WEST NORRIS, EL CAMPO, TEXAS 77437

PLUMBING SCHEDULES

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