Mission Consolidated Independent School District

- 1201 Bryce Drive, Mission, Texas 78572
- Telephone: (956) 323 5505 Fax: (956) 323 5634
- Website: www.mcisd.net

Notice and Agenda

The Board of Trustees of the Mission Consolidated Independent School District will hold a **Board of Trustees WORKSHOP** on **Wednesday, February 2, 2022, at 7:00 PM** in the **Mission CISD Annex, 925 E. Business HWY. 83, Mission, Tx 78572**. At this meeting, the Board may deliberate or act on any of the subjects listed on the following agenda. The President may change the order of items listed below for the convenience of the Board.

A G E N D A

I. Call to Order
II. Call Meeting to order and acknowledge Board Members Present
III. Public Comment(s) on Specific Agenda Item(s)
IV. Superintendent's Update and Recognitions
V. *TRANSFORMING TEACHING and LEARNING*
1. Discussion
a. Discussion of Health and Physical Education Instructional Materials Committee Members **4**
b. Discussion of Purchase of Veterans Memorial High School Marching Band Uniforms **7**
VI. *FACILITIES/ENVIRONMENT*
1. Construction Projects
a. Best and Final Offer (BAFO) for the Field Events for the Middle School Project – Javier Hinojosa Engineering **8**
b. Schematic Design for the Synthetic Turf for the Baseball & Softball Fields at Mission High School and Veterans Memorial High School – Javier Hinojosa Engineering **14**
c. Change Order #01 for the Deck Replacement for the Lee Field House Roofing Project – Raba Kistner **45**
d. Final Design for the Demolition of the Old Agriculture Barn Project – Chanin Engineering **60**
e. Final Design for the Demolition of the Roosevelt Alternative Auditorium – Chanin Engineering **69**
f. Final Design for the Demolition of the Technology/Radio Tower Project – Chanin Engineering **77**
g. Schematics Design for the Culinary Arts for Mission High School – PBK Architects **83**
h. Schematics Design for the Culinary Arts for Veterans Memorial High School – PBK Architects **94**

i. Schematics Design for the Additional Animal Pens for the Agricultural Science Barns Project – PBK Architects **101**
j. Change Order #05 for fifteen (15) Delay Days for the Maintenance Warehouse Structural Project – PBK Architects **111**
k. Final Completion, Less Betterment Fund Allowance and Final Payment for the Mission High School Special Education 18+ Program – PBK Architects **121**

VII. *SUPPORT SERVICES*
1. Discussion
a. Recommendation of possible positions for next Board Meeting:
(1) ESSER III Finance Office Accountant

VIII. *FINANCE*
1. Presentation(s) to the Board
a. Internal Auditor's Quarterly Report **129**
b. Property Value Study Update
c. Self-Funded Health Insurance Update
d. COVID-19 Leave Days
e. 2021-2022 Budget Update
2. Discussion
a. Supplemental Budget Amendment **142**
b. Bids, Proposals and Purchases of $50,000 and Over
(1) Contract for E-Rate Round 25 Internet Access 345-22-0 and E-Rate Round 25 Internal Connections 345-22-5 **143**
(2) Contract for On-Call and Cable Drops 344-22-1 **148**
(3) Purchase of Surveillance Cameras #TIPS 200105 **151**
c. Review of Investment Policy and Investment Strategies CDA(LOCAL) **154**
d. Resolution of The Mission CISD To Authorize Acceptance of Donation **160**
3. Informational
a. Financial Reports for the Month of December 2021
(1) General Funds and Debt Service **161**
(2) Tax Levy Adjustments **164**
(3) Disbursements **169**
(4) Donations **170**
(5) Quarterly Investment Report **172**
b. Statement of Impact from ToGive International Charter School **176**
c. Tax Properties Resale **180**

IX. Important Dates to Remember
1. February 9, 2022 Regular Board of Trustees Meeting at 6:30 p.m.
2. February 14, 2022 School Holiday

X. Adjournment

In accordance with the Texas Open Meetings Act, the Board may enter into a closed meeting to deliberate any item that is listed above that fits within an exception listed in Subchapter D. Any final action, decision, or vote on a subject deliberated in closed meeting will be taken in an open meeting held in compliance with the Texas Open Meetings Act.

This Notice was posted by 6:00 p.m., on January 28, 2022

Carol G. Perez, Ed. D.

Dr. Carol G. Perez, Superintendent of Schools
Mission Consolidated Independent School District

SUBJECT: Approval of Health & Physical Education Instructional Materials Committee

PRESENTER: Dr. Sharon Roberts, Deputy Superintendent for Curriculum & Instruction

BACKGROUND INFORMATION

The SBOE issued *Proclamation 2022 at its April 2020 (amended April 2021) meeting to call* for Health & Physical Education instructional materials. In November 2021, the State Board of Education voted on the materials under consideration. The adoption materials are scheduled to go into classrooms in the 2022-2023 school year.

The local education agency sets its own policies for selecting instructional materials for their students, but must include the requirement that materials are selected in an open meeting (Texas Government Code, Chapter 551). Mission CISD's process includes the selection of the District Instructional Materials Committee(s), which consists of teacher representatives from each campus. The superintendent or her designee is a member and will serve as chair of the committee. The District Instructional Materials Committee for the HPE Systems, appointed by their campus principal, will meet to review materials. In addition to the district hearings/presentations, they will have the opportunity to examine copies of the books provided by the publishing companies and present information at their respective campuses. The role of the instructional materials committee is to examine the different systems and materials on the state-adopted lists approved by the State Board of Education. After the committee reviews the adoptions with the campus teachers, teachers vote. The committee is planning to make the final recommendation of the publisher to the Superintendent and the Board of Trustees at the April meeting.

ADMINISTRATIVE CONSIDERATIONS

Board approval of the HPE instructional materials adoption committee members

RECOMMENDATION:

Approval of HPE Systems Adoption committee members.

FUNDING SOURCE / AMOUNT

Not applicable

CONTACT PERSON(S)

Dr. Sharon Roberts, Deputy Supt. for Curriculum & Instruction
Ana Vely Uresti, Coordinator for Fixed Assets/Warehouse/ Textbooks/Records
Martina Carrillo, Health & Physical Education Coordinator

2022 PROCLAMATION HEALTH & PHYSICAL EDUCATION ADOPTION COMMITTEES			
CAMPUS	**REPRESENTATIVE**	**SUBJECT**	**LEVEL**
Mission Collegiate	Denise Rosales	Physical Education	Secondary 9-12
Mission Collegiate	Denise Rosales	Health Education	Secondary 9-12
Mission High School	Edna Clemons/Miguel Fernandez	Physical Education	Secondary 9-12
Mission High School	Irene Gallegos	Health Education	Secondary 9-12
Veterans Memorial HS	Tracie Espino	Physical Education	Secondary 9-12
Veterans Memorial HS	Melissa Reyna	Health Education	Secondary 9-12
Alton Memorial JHS	Laura Suarez	Physical Education	Middle School 6-8
Alton Memorial JHS	Michael Salinas	Health Education	Middle School 6-8
K White JHS	Marissa Martinez	Physical Education	Middle School 6-8
K White JHS	Marissa Martinez	Health Education	Middle School 6-8
Mission JHS	Adrian Carmona	Physical Education	Middle School 6-8
Mission JHS	Penny Rooper	Health Education	Middle School 6-8
R Cantu JHS	Hector Rodriguez	Physical Education	Middle School 6-8
R Cantu JHS	Kristi Santana	Health Education	Middle School 6-8
HEALTH & PHYSICAL ELEMENTARY EDUCATION (PK-5)			
Alton	Mario Martinez	**Marcell**	Javier Ramirez
Bryan	Samuel Barrientos	**Midkiff**	Jose Espino
Cantu	Romeo Vela	**Mims**	Nathan Salazar
Castro	Steven Gutierrez	**O'Grady**	Brian Garza
Cavazos	Monica Salinas-Rivas	**Pearson**	Jorge Menchaca
Escobar/Rios	Ramiro Reyes	**Salinas**	Alfredo Uribe
Leal	Alfonso Rodriguez	**Waitz**	Sandra Menchaca

SUBJECT: Discussion and Approval of Purchase of Veterans Memorial High School Marching Band Uniforms

PRESENTER: Dr. Sharon Roberts, Deputy Superintendent for Curriculum and Instruction

BACKGROUND INFORMATION

Veterans Memorial High School Band is in need of new marching band uniforms. The style and scheme of the current uniform is out date and does not lend itself to the contemporary theme and look of today's marching bands in the state of Texas. The presentation of the uniform is as important to the success of the program as is the musical performance. The sport of marching band has become a very competitive event so it is essential to maintain and stay up to date with current trends for uniforms. A life expectancy for a marching uniform is 7 years due to wear and tear (contests, games, parades, public events etc.), therefore the VMHS band is due for replacement of uniforms since their current uniforms were ordered in 2015.

ADMINISTRATIVE CONSIDERATIONS

This purchase will be made using Inter-local Purchasing Co-op. Using an Inter-local Purchasing Co-op complies with purchase requirements of TEC 44.031a(4) and local board policy requiring an approved purchasing method for contracts valued at $50,000 or more.

FUNDING SOURCE AND AMOUNT

General Fund – Fine Arts Budget

Estimated Expenditure: $145,000

RECOMMENDATION:

Administration will bring a recommendation to award the contract to the February 9th Board Meeting.

CONTACT PERSON(S)

Dr. Sharon Roberts, Deputy Superintendent for Curriculum and Instruction
Joel Garcia, Assistant Superintendent for Finance
Carlos Garcia, Fine Arts Director
Dora Garcia, Purchasing Coordinator

SUBJECT: Best and Final Offer (BAFO) for the Field Events for the Middle School Project – Javier Hinojosa Engineering

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

The Athletic Department and Administration is requesting track and field long jump and triple jump runways at all four of our middle schools. These runways will benefit our Jr. High athletes the opportunity for very much needed practice runs. When traveling to our High Schools for practice to utilize those runways it significantly limits both our HS and JH jumpers practice run-throughs. Civil engineering will be required for this project. Depending on the recommended locations additional civil engineering services may be required for drainage purposes.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

Administration used the on-call professional services agreement for the project assessment. Javier Hinojosa Civil Engineering's estimated project cost is $269,168.

At the Regular Board meeting held on August 11, 2021 the Board approved Utilizing the On-call Professional Services for the Field Events for the Middle School Project – Javier Hinojosa Civil Engineering.

At the Regular Board meeting held on October 20, 2021, the Board approved Schematic Design for the Field Events for the Middle School Project. Designs have been reviewed, approved and signed-off by each campus Principal and Coach Ibarra, Athletic Director.

Advertisements in the local newspapers were posted on December 08, 2021 and December 15, 2021. The process is for the submittals to be reviewed by the Purchasing Department Staff and the Administration Ranking Team to assure that firms meet the criteria based on demonstrated expertise, competence and qualifications. Pre-ranking is scheduled for Friday, January 07, 2022. After the review Administration will then recommend those firms to be reviewed and ranked in order of selection. The recommendations were presented for approval at the January 19, 2022, Board of Trustees Meeting and Administration will then enter into negotiations in the order of selection.

Company	Total Base Bid	Days of Completion	Points
Teni-Trak	$231,900.00	90days	99.5
Hellas	$529,278.00	90days	78.3

ADMINISTRATIVE CONSIDERATIONS

Initial project negotiations were held on January 24, 2022, with Jeff St. John, Teni-Trak, Mr. Adrian Hernandez, Ms. Dora Garcia, Ms. Daisy Cuevas and Mr. Adan Rivera. During the negotiations Teni-Trak presented as their Best and Final Offer (BAFO) $231,900.00 with no decrease in their initial proposal with 90 days of construction time from the notice to proceed (NTP).

The Board of Trustees has the option to accept this BAFO, the initial base proposal, to decline the offer and direct Administration to enter into negotiations with the next contractor or to reject all offers and re-advertise for the project using the same specifications and design or direct the engineer to re-design the project.

FUNDING SOURCE

General Funds/Athletic Fund

Est. Project Budget:	$269,168.00
Project Contingency 20%:	$ 53,833.60
Est. Professional Services 12%:	$ 32,300.16
Est. Total Project Cost:	$355,301.76

RECOMMENDATION

Administration presents to Accept the Best and Final Offer (BAFO) and to Enter Into Contract for the Field Events for the Middle School Project – Javier Hinojosa Engineering.

Company	Total Base Bid	Days of Completion
Teni-Trak	$231,900.00	90days

EXHIBIT

Best and Final Offer (BAFO) - email
Bid Tabulation

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Dora Garcia, Coordinator for Purchasing
Adrian Hernandez, Coordinator for Project & Energy Management

From: jeffstjohn67@aol.com
To: Hernandez, Adrian
Cc: Rivera, Ricardo; Ortiz, Linda C; Gandaria, Nelda; Rivera, Adan; Garcia, Dora R; Cuevas, Daisy D; Ibarra, Leticia; Ramirez, Adan A; Betancourt, Brenda K; Torres, Angel; Dominguez, Jessica M; javier@javierhinojosaeng.com
Subject: [EXTERNAL SENDER] Re: Approved- MCISD Junior High Long Jump CSP#500-22-1 Project -Enter into Best and final offer negotiations
Date: Tuesday, January 25, 2022 4:53:36 PM

External Email Warning: This email is from outside the Mission CISD email system. Please use proper judgement and caution. Do not click on links or attachments unless you expect them from the sender and know the content is safe.

Good afternoon. Let this email serve as Best and Final Offer.

Best and final offer will be $231,900.00
90 days to construct.

Jeff St .John
Teni-Trak, Inc.

-----Original Message-----
From: Hernandez, Adrian <adrian.hernandez@mcisd.org>
To: jeffstjohn67@aol.com <jeffstjohn67@aol.com>
Cc: Rivera, Ricardo <rriver49@mcisd.org>; Ortiz, Linda C <Lcorte30@mcisd.org>; Gandaria, Nelda <Ngandari@mcisd.org>; Rivera, Adan <ARIVER82@mcisd.org>; Garcia, Dora R <drgarc00@mcisd.org>; Cuevas, Daisy D <ddcuev14@mcisd.org>; Ibarra, Leticia <libarr43@mcisd.org>; Ramirez, Adan A <AARami04@mcisd.org>; Betancourt, Brenda K <Bkbeta12@Mcisd.Org>; Torres, Angel <ATorre00@mcisd.org>; Dominguez, Jessica M <JDomin34@mcisd.org>; javier@javierhinojosaeng.com <javier@javierhinojosaeng.com>
Sent: Tue, Jan 25, 2022 9:04 am
Subject: RE: Approved- MCISD Junior High Long Jump CSP#500-22-1 Project -Enter into Best and final offer negotiations

Good morning Mr. St. John,

Thank you for attending yesterdays Best And Final Offer negotiation meeting, as per yesterday's meeting please provide/submit Teni-Tracks letter of BAFO for the project, so that the letter can be added to February's workshop meeting as an agenda item for the boards review/possible approval and the project progress can continue.

Thank you and best regards,
Adrian Hernandez
MCISD

From: Hernandez, Adrian
Sent: Monday, January 24, 2022 11:45 AM
To: jeffstjohn67@aol.com
Cc: Rivera, Ricardo <rriver49@mcisd.org>; Ortiz, Linda C <Lcorte30@mcisd.org>; Gandaria, Nelda

<Ngandari@mcisd.org>; Rivera, Adan <ARIVER82@mcisd.org>; Garcia, Dora R <drgarc00@mcisd.org>; Cuevas, Daisy D <ddcuev14@mcisd.org>; Ibarra, Leticia <libarr43@mcisd.org>; Ramirez, Adan A <AARami04@mcisd.org>; Betancourt, Brenda K <Bkbeta12@Mcisd.Org>; Torres, Angel <ATorre00@mcisd.org>; Dominguez, Jessica M <JDomin34@mcisd.org>; javier@javierhinojosaeng.com
Subject: RE: Approved- MCISD Junior High Long Jump CSP#500-22-1 Project -Enter into Best and final offer negotiations
Importance: High

Mr. St. John,

Good morning, the meeting invite was sent out, Teni-Track did not log in to the BAFO meeting scheduled for today 1/24/2022 at 11:30. Can you please confirm a time today or tomorrow when you would be available to reschedule the BAFO meeting?
Two phone calls were made to the number listed on the bid package as well in an attempt to reach you.

Please advise as to the new meeting time?

Thank you and best regards,
Adrian Hernandez
MCISD

From: Hernandez, Adrian
Sent: Thursday, January 20, 2022 12:04 PM
To: jeffstjohn67@aol.com
Cc: Rivera, Ricardo <rriver49@mcisd.org>; Ortiz, Linda C <Lcorte30@mcisd.org>; Gandaria, Nelda <Ngandari@mcisd.org>; Rivera, Adan <ARIVER82@mcisd.org>; Garcia, Dora R <drgarc00@mcisd.org>; Cuevas, Daisy D <ddcuev14@mcisd.org>; Ibarra, Leticia <libarr43@mcisd.org>; Ramirez, Adan A <AARami04@mcisd.org>; Betancourt, Brenda K <Bkbeta12@Mcisd.Org>; Torres, Angel <ATorre00@mcisd.org>; Dominguez, Jessica M <JDomin34@mcisd.org>
Subject: Approved- MCISD Junior High Long Jump CSP#500-22-1 Project -Enter into Best and final offer negotiations

Good morning,

Hope all is well, at last night's Regular Board Meeting(1/19/2022), the Board of Trustees took the following project into "Discussion and Possible Action" agenda and approved the following below.

*" Consideration and Approval of Administrations Rankings and Enter into Negotiations in the Order of Ranking for the Field Events for the Middle School Project"

A Best And Final Offer Negotiation meeting invitation has been sent out, please confirm invitation Mr. St.John.

Thank you and best regards,
Adrian Hernandez
MCISD

Mission Consolidated Independent School District
Junior High Long Jump Runway Improvements CSP # 500-22-1
Bid Ranking - January 7, 2022

	Contractors		Teni-Trak	Hellas
	Proposal Submission			
	Complete Proposal		x	x
	Bid Bond - 00410		x	x
	CRITERIA	**Max Points**		
Monetary Value - 35 points				
1	Base Proposal and/or Alternate(s) selected by Owner. Based on proposals submitted, including any alternates and/or pricing differential.	**35**	35.0	15.3
	Total Base Bid		$231,900.00	$ 529,278.00
	Days of Completion		90	90
Qualifications and Reputation - 20 points				
2	Contractor's length of time in the construction business.	**7**	7	7
3	Contractor's past relationship with other clients on similar projects. Provide three (3) letters of reference from Owners identified in the lists of projects completed within the past five (5) years of similar scope and size.	**5**	5	5
4	Address history and procedure for assuring timely payment to sub-contractors and suppliers. Provide three (3) letters of reference from major suppliers and sub-contractors which specifically address the proposer's history of paying sub-contractors and material providers on time.	**2**	2	2
5	Prior experience with architectural and/or engineering firms. Provide a letter of reference from an Architectural or Engineering firm addressing the contractor's history of providing detailed documentation and a fair assessment of change order pricing.	**2**	2	2
6	List all claims, judgments, arbitration proceedings or suits pending or outstanding **against your company for its officers**. If any, please summarize the nature of these claims.	**2**	2	2
7	List all claims, judgments, arbitration proceedings or suits that your company or its officers has filed **against a school district** within the past ten (10) years?. If so, please summarize the nature of these claims.	**2**	2	2
Experience with Similar Projects - 15 points				
8	Contractor's experience with **school district** projects of similar size, type and complexity. List school district projects completed within the past five (5) years of similar scope and size.	**10**	10	10
9	Contractor's experience with projects of similar size, type and complexity. List all other projects completed within the past five (5) years of similar scope and size **other than the ones listed above**.	**5**	5	5
Key Personnel and Workforce - 8 points				
10	Qualifications and availability of contractor's personnel. Provide the names and a brief summary of experience or resume of key supervisory personnel to be assigned to the project. Provide history of maintaining assigned personnel for the duration of project.	**5**	5	5
11	Contractor's proposed sub-contractors. Provide a list of the sub-contractors that will be assigned to this project.	**3**	3	3
Past Performance with District - Quality of Work and Adherence to Contract Terms **- 10 points**				
12	List projects completed or in progress for Mission CISD.	**10**	10	9
HUB Certification - 0.5 points				
13	Provide documentation to assist compliance with laws and rules relating to Historically Underutilized Businesses.	**0.5**	0	0
Proposed Schedule for Construction - 5 points				
14	Contractor's ability to adhere to construction schedule. Provide proposed schedule of construction from commencement through substantial and final completion.	**5**	5	5
Financial Strength of Company - 2 points				
15	Provide a letter from your bonding company addressing the points listed in the item 15 of the Contractor's Information Statement Form.	**1**	1	1
16	Provide a bank letter of reference with regards to the company's financial strength.	**0.5**	0.5	0.5
17	Provide a statement attesting if the company or company's principals under other company names ever filed for bankruptcy.	**0.5**	0.5	0.5
Thoroughness of Bid Submission and Quality of Presentation - 4.5 points				
18	Provide the Contractor's Checklist, including the documents required and the copies in the order requested. Contractor must submit everything required in project specifications including Contractor's Information Statement.	**4.5**	4.5	4
	Total Points	**100**	**99.5**	**78.3**
	Rank (1 is Highest)		1	2

Committee Members:
Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Projects and Energy Management
Adan Rivera, Assistant Coordinator for Maintenance
Dora Garcia, Purchasing Coordinator
Daisy Cuevas, Purchasing Specialist

SUBJECT: Schematic Design for the Synthetic Turf for the Baseball & Softball Fields at Mission High School and Veterans Memorial High School – Javier Hinojosa Engineering

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

Mission CISD is proposing of installation of synthetic turf for the baseball and softball fields at both high schools. The installation of synthetic turf will provide a continuous level playing field that will provide safety by possibly eliminating "bad' hops and limiting possible player injuries. The turf will also be a cost savings due to weekly and annual maintenance costs of watering, fertilizing, herbicides, painting, mowing, top dressing, etc. not having to be done.

Due to laws and requirements that regulate such equipment and the cost, this project is being considered a construction project and as such the Texas Education Code 44.031 (a) requires the board of a school district considering a construction project to comply with bidding requirements.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

As per information concerning synthetic turf areas, the area covering a baseball field is of equal or slightly more square feet area than a football field. Administration is using an estimated cost from previous turf quotes and most recent information gathered.

If MCISD is to proceed with this project, The Board of Trustees must take the following action in accordance with Education Code 44.035.

Select or designate an engineer or architect to prepare construction documents for the project. The engineer or architect selected or designated will have full responsibility for complying with the Texas Engineering Practice Act (Article 3271a, Vernon's Texas Civil Statues) or Chapter 478, Acts of the 45th Legislature, Regular Session, 1937 (Article 249a, Vernon's Texas Civil Statutes), as applicable.

The selected architect/engineer along with preparing construction documents will be required to provide MCISD with an estimated project budget.

If the engineer or architect is not a full-time employee of the District, the Board must select the engineer or architect on the basis of demonstrated competence and qualifications as provided by Section 2254.004, Government Code.

Due to the estimated cost being over the $500,000.00 threshold for on-call services Administration requests Discussion and Possible Action on the Selection for Professional Services for Synthetic Turf for the Baseball and Softball Fields at VMHS and MHS.

The Board may direct Administration to advertise for Request for Qualifications (RFQ's) or select an architect/engineer used in the past or present based on demonstrated competence and qualifications. Civil engineering professional services were used for the installation of synthetic turf in 2014. Administration recommends civil engineering services.

At the Regular Board meeting held on August 11, 2021, the board approved the project, proposed budget and utilizing the on-call professional services for the Synthetic Turf for the Baseball & Softball Fields at Mission High School and Veterans Memorial High School - Javier Hinojosa Engineering.

ADMINISTRATIVE CONSIDERATIONS

Javier Hinojosa Engineering has continued to meet with MCISD Staff and Administration on the designs, thus administration will be presenting Schematic Design for the Synthetic Turf for the Baseball & Softball Fields at Mission High School and Veterans Memorial High School – Javier Hinojosa Engineering. Designs have been reviewed and approved by staff.

Schematic Design:

Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:

Communicating the design intent through further refinement of the written and graphic representation of all building materials, components and equipment that can be quantified and useful to contractors.

FUNDING SOURCE

Local Fund

Est. Project Budget:	$3,200,000.00
Project Contingency 20%:	$ 640,000.00
Est. Professional Services 12%:	$ 384,000.00
Est. Total Project Cost:	$4,224,000.00

RECOMMENDATION

Administration is presenting Schematic Design for the Synthetic Turf for the Baseball & Softball Fields at Mission High School and Veterans Memorial High School – Javier Hinojosa Engineering

EXHIBT:

Schematic Designs

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations

CONSTRUCTION PLANS FOR

MISSION C.I.S.D.
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS

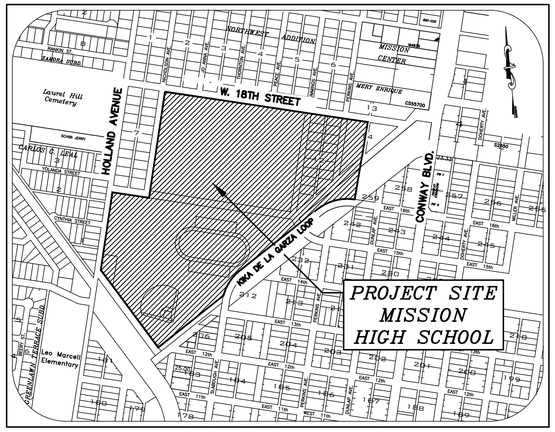
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MISSION, TEXAS

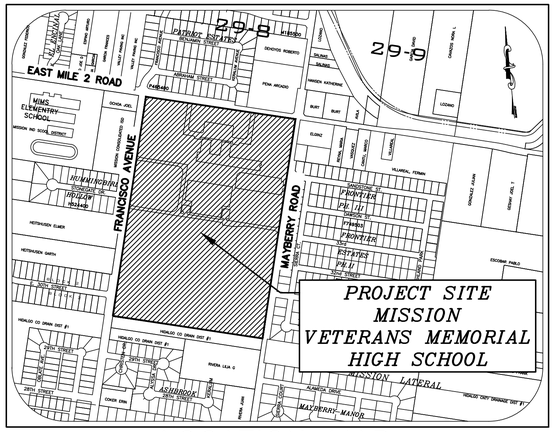
- MISSION HIGH SCHOOL
- MISSION VETERANS MEMORIAL HIGH SCHOOL

MISSION C.I.S.D. BOARD OF TRUSTEES

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ROY VELA	SECRETARY
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JUAN M. GONZALEZ	MEMBER
IRIS IGLESIAS	MEMBER
DR. CAROL G. PEREZ	SUPERINTENDENT



LOCATION MAP
N.T.S.



LOCATION MAP
N.T.S.

PRELIMINARY
FOR REVIEW ONLY
NOT FOR CONSTRUCTION

JAVIER HINOJOSA ENGINEERING
CONSULTING ENGINEERS
416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588
javier@javierhinojosaeng.com
TBPELS FIRM No. F-1295

JANUARY, 2022

220101

S:\2021\Mission\Grading Plans\Mission CISD - Baseball and Softball Fields\Cover.dwg, 1/27/2022 4:59:01 PM, DWG To PDF.pc3

INDEX OF SHEETS

SHEET# DESCRIPTION

1 – GENERAL NOTES

MISSION C.I.S.D. MISSION HIGH SCHOOL LEO NAJO BASEBALL FIELD

2 – EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
3 – PROPOSED DEMOLITION PLAN
4 – SYNTHETIC TURF FIELD DIMENSION PLAN
5 – PROPOSED GRADING PLAN
6 – PROPOSED DRAINAGE PLAN
7 – PROPOSED COLOR RENDERING

MISSION C.I.S.D. MISSION HIGH SCHOOL COACH IRIS IGLESIAS SOFTBALL FIELD

8 – EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
9 – PROPOSED DEMOLITION PLAN
10 – SYNTHETIC TURF FIELD DIMENSION PLAN
11 – PROPOSED GRADING PLAN
12 – PROPOSED DRAINAGE PLAN
13 – PROPOSED COLOR RENDERING

MISSION C.I.S.D. VETERANS MEMORIAL HIGH SCHOOL BASEBALL FIELD

14 – EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
15 – PROPOSED DEMOLITION PLAN
16 – SYNTHETIC TURF FIELD DIMENSION PLAN
17 – PROPOSED GRADING PLAN
18 – PROPOSED DRAINAGE PLAN
19 – PROPOSED COLOR RENDERING

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26 – STANDARD STORM DRAINAGE DETAILS
27 – STANDARD DETAILS

JAVIER HINOJOSA ENGINEERING
CONSULTING ENGINEERS
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JANUARY, 2022

S:\2021\Mission\Grading Plans\Mission CISD - Baseball and Softball Fields\Cover.dwg, 1/27/2022 4:59:36 PM, DWG To PDF.pc3

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UNDERGROUND UTILITIES. WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS, SUFFICIENTLY IN ADVANCE OF OPERATIONS TO PRECLUDE DAMAGE TO SAME.
2. WATER, SEWER, OR OTHER UTILITY SERVICES SHALL NOT BE INTERRUPTED. ANY DAMAGES TO EXISTING UTILITIES WILL BE THE CONTRACTOR'S RESPONSIBILITY.
3. IN THE EVENT OF DAMAGE TO UNDERGROUND FACILITIES, WHETHER SHOWN OR NOT SHOWN IN THE DRAWINGS, THE CONTRACTOR SHALL MAKE THE NECESSARY REPAIRS TO PLACE THE FACILITIES BACK IN SERVICE AT NO INCREASE IN THE CONTRACTOR'S PRICE AND ALL SUCH REPAIRS SHALL CONFORM TO THE REQUIREMENTS OF THE COMPANY OR AGENCY SERVICING THE FACILITY.
4. THE CONTRACTOR SHALL EXERCISE EXTRA CARE TO PREVENT DAMAGE TO ALL OTHER STRUCTURES IN THE AREA INCLUDING BUILDINGS, FENCES, ROADS, PIPELINES, UTILITIES, ETC., WHETHER PUBLICLY OR PRIVATELY OWNED.
5. UNTIL ACCEPTANCE BY THE ENGINEER OF ANY PART OR ALL OF THE CONSTRUCTION, AS PROVIDED FOR IN THE PLANS AND THESE SPECIFICATIONS, IT SHALL BE UNDER THE CHARGE AND CARE OF THE CONTRACTOR, AND HE SHALL TAKE EVERY NECESSARY PRECAUTION AGAINST INJURY OR DAMAGE TO ANY PART OF THE WORK. THE CONTRACTOR SHALL REBUILD, REPAIR, RESTORE AND MAKE GOOD, AT HIS OWN EXPENSE, ALL INJURIES OR DAMAGE TO ANY PORTION OF THE WORK BEFORE ITS COMPLETION AND ACCEPTANCE.
6. NO OPEN TRENCHES OR EXCAVATION SHALL BE LEFT OPEN OVERNIGHT.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT FROM CITY OF MISSION.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF REMOVAL AND/OR RELOCATION OF GAS VALVES, WATER METERS OR IRRIGATION VALVES.
9. CONTRACTOR TO COORDINATE ALL WORK WITH MR. ADRIAN HERNANDEZ, PROJECT MANAGER, MISSION C.I.S.D. (956-323-8960) PRIOR TO START OF CONSTRUCTION.
10. ALL DRIVEWAYS AND SIDEWALKS TO BE RECONSTRUCTED WITH EXISTING LIKE MATERIALS TO BE MINIMUM OF THE FOLLOWING:

ASPHALT DRIVEWAYS :	8" FLEX BASE AND 2" H.M.A.C.
CONCRETE DRIVEWAYS :	6" REINFORCED CONCRETE (3,500 P.S.I.)
CALICHE DRIVES :	8" FLEX BASE – 95% COMPACTED DENSITY
CULVERTS :	18" R.C.P.

11. ALL EXISTING PAVEMENT THAT IS DAMAGED TO BE REPLACED WITH 8" FLEX AND 2" H.M.A.C. AND ALL EDGES TO BE SAW CUT.
12. CONTRACTOR TO PROVIDE TRAFFIC CONTROL PLAN FOR ALL IMPROVEMENTS APPROVED BY MISSION C.I.S.D. AND ENGINEER.
13. PROPER SEDIMENT CONTROL DEVISES SHALL BE UTILIZED DURING CONSTRUCTION ON ALL DRAINAGE STRUCTURES. ALL GRATE INLETS SHALL HAVE FILTER FABRIC INLET PROTECTION TO PREVENT SOIL EROSION INTO THE DRAINAGE SYSTEM.
14. CONTRACTOR TO PROVIDE AND MAINTAIN TEMPORARY GRAPHIC CONSTRUCTION SIGNS, DIRECTIONAL SIGNS AND ANY OTHER SIGNS THAT MAY BE REQUIRED DURING CONSTRUCTION.
15. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF MISSION C.I.S.D. AND JAVIER HINOJOSA ENGINEERING.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING MISSION C.I.S.D. 48 HOURS PRIOR TO COMMENCEMENT OF WORK @ (956) 323-8960 TO COORDINATE AND MEET ANY ADDITIONAL REQUIREMENTS AND/OR SPECIFICATIONS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL DIG TESS 48 HOURS PRIOR TO COMMENCEMENT OF WORK FOR UTILITY SPOTTING @ (1-800-DIG-TESS).
18. LOCATIONS OF UNDERGROUND FACILITIES ARE FROM BEST INFORMATION AVAILABLE. NEITHER THE OWNER OR ENGINEER, WARRANT THE ACCURACY OF THE INFORMATION PROVIDED. ANY DEVIATIONS SHALL BE CALLED TO THE ENGINEER'S ATTENTION IMMEDIATELY.
19. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CORRESPONDING UTILITY CORPORATION IN REGARDS TO THE RELOCATION/ADJUSTING OF ANY CONFLICTING UTILITIES. THE RELOCATION/ADJUSTMENT SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
20. THE CONTRACTOR SHALL REMOVE ALL FENCES LOCATED WITHIN THE EASEMENTS AND RIGHT OF WAY, INTERFERING WITH CONSTRUCTION OPERATION AND PROVIDE TEMPORARY FENCING DURING CONSTRUCTION. REMOVED FENCES SHALL BE REPLACED WITH A NEW FENCE OR UNDAMAGED ORIGINAL FENCING. REMOVAL AND REPLACEMENT OF EXISTING AND TEMPORARY FENCES SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
21. THE CONTRACTOR SHALL PROVIDE ACCESS TO EXISTING BUILDINGS AT ALL TIMES.
22. ANY DAMAGES TO FENCES, WALKS, OR PRIVATE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE
23. NO OPEN EXCAVATION SHALL BE LEFT OPEN OVERNIGHT. ALL EXCAVATIONS WHICH CANNOT BE BACKFILLED OVERNIGHT SHALL BE COVERED. AS A MINIMUM, WITH STEEL PLATING WHEN IN PAVED AND UNPAVED AREAS SUBJECT TO VEHICULAR LOADING; PLYWOOD, WOOD PLANKING WITH O.S.H.A. ORANGE PLASTIC EXPANDED MESH BARRIER AROUND PERIMETER IN UNPAVED AREAS NOT SUBJECT TO VEHICULAR LOADING, OR AS APPROVED BY THE ENGINEER.
24. THE PREPARATION OF THESE PLANS REFLECTS INFORMATION, PROVIDED BY OTHERS, ON THE APPROXIMATE LOCATION AND EXISTENCE OF EXISTING UTILITY AND ADJACENT PHYSICAL FEATURES. HOWEVER, THEY DO NOT IMPLY OR AFFIRM THAT ALL UTILITIES OR PHYSICAL FEATURES ARE SHOWN. GENERALLY, UTILITY SERVICE CONNECTIONS ARE NOT INDICATED ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR NOTIFICATIONS OF THE OWNER IMMEDIATELY UPON ENCOUNTERING UNFORESEEN CONFLICTS.
25. THE APPROXIMATE LOCATIONS OF KNOWN EXISTING UTILITIES ARE SHOWN, CONTRACTOR SHALL DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATIONS IN THE FIELD PRIOR TO COMMENCING WORK. CONTRACTOR TO BE FULLY RESPONSIBLE FOR DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE EXISTING UTILITIES.
26. PUBLIC AND PRIVATE UTILITY LINES AND CUSTOMER SERVICE LINES MAY EXIST THAT ARE NOT SHOWN ON THE CONSTRUCTION DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, MAINTAIN AND PROTECT THE INTEGRITY OF THESE LINES. HAND EXCAVATION MAY BE REQUIRED. THE CONTRACTOR SHALL RESTORE RELOCATED OR DIVERTED UTILITY TO ITS ORIGINAL CONDITION AND LOCATION WHEN APPLICABLE UPON COMPLETION OF CONSTRUCTION. SAID RESTORATION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.

GENERAL NOTES (CONT):

27. THE CONTRACTOR TO MAINTAIN ALL EQUIPMENT AND TRANSPORTATION OF SAID EQUIPMENT WITHIN THE EXISTING RIGHTS-OF-WAY OF THE CITY, COUNTY, OR STATE.
28. DURING EXCAVATION OPERATIONS FOR DRAINAGE AND/OR UTILITIES, THE CONTRACTOR SHALL NOT PILE EXCAVATED MATERIAL OR EXCAVATE WITHIN THE DRIP LINE OF TREES THAT ARE TO BE PRESERVED.
29. WHERE NEW WATER LINES AND SEWER LINES ARE INSTALLED WITH A SEPARATION DISTANCE CLOSER THAN NINE FEET (I.E., WATER LINES CROSSING WASTEWATER LINES, WATER LINES PARALLELING WASTEWATER LINES, OR WATER LINES NEXT TO MANHOLES) THE INSTALLATION MUST MEET THE REQUIREMENTS OF 30 TAC 317 (DESIGN OF SEWAGE SYSTEMS) OR 30 TAC 290 (WATER HYGIENE).
30. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER AND SEWER CONNECTIONS TO ALL BUILDINGS IN WORKING ORDER AT ALL TIMES, EXCEPT FOR BRIEF INTERRUPTIONS IN SERVICE FOR CONNECTIONS TO BE REINSTALLED. IN NO CASE SHALL SERVICES BE ALLOWED TO REMAIN OUT OF SERVICE OVERNIGHT. CONTRACTOR IS RESPONSIBLE FOR DAMAGES TO SAID SERVICES.
31. CONSTRUCTION OF THE PROPOSED PAVING IMPROVEMENTS TO MATCH EXISTING ELEVATIONS TO INSURE POSITIVE DRAINAGE AS PRESENTLY EXISTS.
32. ALL SIDEWALKS AND HANDICAP RAMPS CONNECTING TO PAVED DRIVES SHALL BE IN COMPLIANCE WITH A.D.A. REQUIREMENTS.
33. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF PROPOSED FACILITIES AT ALL TIMES DURING CONSTRUCTION.
34. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AREA BETWEEN THE BACK OF CURB/EDGE OF PAVEMENT, ROAD SIDE DITCH AND RIGHT-OF-WAY TO HAVE POSITIVE FLOW TO THE PROPOSED DRAINAGE SYSTEM.
35. THE CONTRACTOR SHALL PROVIDE/MAINTAIN ADEQUATE POSITIVE DRAINAGE AT ALL TIMES DURING THE INSTALLATION OF THE STRUCTURES, DRAINAGE, UTILITY, IRRIGATION AND ROAD IMPROVEMENTS. DEWATERING OF THE TRENCH MAY BE REQUIRED DURING THE INSTALLATION OF THE DRAINAGE, UTILITY AND IRRIGATION FACILITIES/STRUCTURES. SAID DEWATERING SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
36. THE CONTRACTOR SHALL CLEANUP AND RESTORE THE AREA OF OPERATIONS TO A CONDITION AS GOOD AS OR BETTER THAN THAT WHICH EXISTED PRIOR TO INSTALLATION OF ALL ITEMS TO BE CONSTRUCTED.
37. ALL DEBRIS, VEGETATION AND SURPLUS MATERIAL, RESULTING FROM DEMOLITION AND/OR CLEARING OF THE RIGHT-OF-WAY IN PREPARATION OF PROPOSED IMPROVEMENTS SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF AT A SITE ACCEPTABLE TO HIDALGO COUNTY DRAINAGE DISTRICT No 1. THE CONTRACTOR SHALL PROVIDE A LETTER STATING SO. THIS SHALL BE INCIDENTAL AND NOT A SEPARATE PAY ITEM UNLESS STATED SO. NO EXCESS EXCAVATED MATERIAL SHALL BE DEPOSITED IN LOW AREAS OR ALONG NATURAL DRAINAGE WAYS WITHOUT WRITTEN PERMISSION FROM THE AFFECTED PROPERTY OWNER AND THE HIDALGO COUNTY DRAINAGE DISTRICT No 1. IF THE CONTRACTOR PLACES EXCESS MATERIAL IN THE AREAS WITHOUT WRITTEN PERMISSION, HE WILL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM SUCH FILL AND CONTRACTOR SHALL REMOVE THE MATERIAL AT OWN COST.
38. THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION AND SUBMITTAL OF THE TRENCH EXCAVATION PROTECTION PLAN. CONTRACTOR SHALL SUBMIT CONSTRUCTION DETAILS AND DESIGN CALCULATIONS BEARING THE SEAL OF A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS BEFORE CONSTRUCTING THE SHORING AND/OR UTILIZING A TRENCH PROTECTION SYSTEM (BOX). THE ENGINEER RESERVES THE RIGHT TO REJECT DESIGNS NOT MEETING THE REQUIREMENTS OF SECTION ITEM 402 AND 403.
39. THE CONTRACTOR SHALL BE RESPONSIBLE TO FOLLOW ALL T.C.E.Q. STORM WATER POLLUTION PREVENTION PLAN (SWP3) REQUIREMENTS AS PER SWP3 SHEETS AND AS STATED IN TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM CONSTRUCTION GENERAL PERMIT (TIDES TXR150000, EFFECTIVE DATE MARCH 5, 2008), INCLUDING N.O.I. SUBMITTAL AND MS4 NOTIFICATION.
40. ALL PROPOSED CONCRETE WORK TO BE REINFORCED WITH #4 STEEL REBAR AND CONCRETE STRENGTH TO BE 4000 PSI.
41. THE CONTRACTOR SHALL INSURE A 6" MINIMUM COVER FOR DRIVEWAY CULVERTS. THE RELAYING OR REMOVAL OF DRIVEWAY PIPE CULVERTS SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED ON THE PROPOSAL.
42. THE ENGINEER WILL PROVIDE CONTROL POINTS (BENCHMARK AND PROPERTY CORNERS) FOR THE WORK TO BE PERFORMED BY THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION STAKING, INCLUDING BUT NOT LIMITED TO HORIZONTAL & VERTICAL GRADE CUTS FOR CURB & GUTTER, ROADWAY, STORM DRAIN PIPE, ROADSIDE DITCHES, DRIVEWAY CULVERTS AND DITCH WORK.
43. THE CONTRACTOR SHALL BE RESPONSIBLE FOR STRIPING ALL PARKING AREAS AS CURRENTLY EXIST.
44. ELBOW FOR RCP OR HPP BEING PROPOSED AT THE END OF LINES SHALL BE PRE-FABRICATED AND SECURED TO THE PIPE WITH A CONCRETE COLLAR (TYPICAL ON ALL PIPE ELBOW INSTALLATIONS.) ELBOW SHALL BE REQUIRED AT ALL LOCATIONS SHOWN ON THE PLANS. THIS SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL. PRE-FABRICATED ELBOWS SHALL BE FIELD CONFIRMED BY THE CONTRACTOR.
45. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING ALL EXISTING WATER VALVES AND MANHOLES TO MATCH PROPOSED FINISH GRADE OF ROADWAY. CONCRETE COLLARS SHALL BE INSTALLED TO MATCH TOPS WITH PAVEMENT GRADE. THIS WORK SHALL BE INCIDENTAL AND NOT A SEPARATE PAY ITEM UNLESS STATED OTHERWISE.
46. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT/RELOCATION OF ALL REGULATORY SIGNS REMOVED DUE TO CONSTRUCTION OPERATIONS WITH THE SAME SIGN ON FIXED SUPPORT(S) IMMEDIATELY UPON ITS REMOVAL. APPROVAL BY THE ENGINEER IS NECESSARY BEFORE REMOVING ANY REGULATORY ROADWAY SIGN(S). FLAGGERS ARE REQUIRED TO BE AVAILABLE TO DIRECT TRAFFIC DURING SIGN INTERMEDIATE DOWN TIME. RELOCATION OF ANY DIRECTIONAL SIGN ASSEMBLIES REMOVED DURING CONSTRUCTION OPERATIONS IMMEDIATELY UPON THEIR REMOVAL IS REQUIRED. THESE SIGNS SHALL BE RELOCATED TO A LOCATION IN ACCORDANCE WITH THE LATEST VERSION OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". IN NO CASE WILL A SIGN BE REMOVED WITHOUT A REPLACEMENT SIGN AND SUPPORT(S) BEING READILY AVAILABLE AND A LOCATION ESTABLISHED. REMOVAL AND RELOCATION OF THESE SIGNS WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED ON THE PROPOSAL.
47. ALL CONSTRUCTION OPERATIONS SHALL BE CONDUCTED TO PROVIDE THE LEAST POSSIBLE INTERFERENCE TO TRAFFIC AS PROVIDED FOR IN THE SPECIFICATIONS, TxDOT STANDARDS, TEXAS M.U.T.C.D. AND/OR AS DIRECTED. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT EDITION OF THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

EROSION CONTROL NOTES

1. THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) AND ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIRE EROSION AND SEDIMENTATION CONTROL FOR CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL REQUIRED EROSION AND SEDIMENTATION CONTROL. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN.
2. AT A MINIMUM THESE CONTROLS SHALL CONSIST OF ROCK BERMS AND/OR SILT FENCES CONSTRUCTED PARALLEL TO AND DOWN GRADIENT FROM THE TRENCHES. THE ROCK BERM OR SILT FENCES SHALL BE INSTALLED IN A MANNER SUCH THAT ANY RAINFALL RUNOFF SHALL BE FILTERED. HAY BALES SHALL NOT BE USED FOR TEMPORARY EROSION AND SEDIMENTATION CONTROLS.
3. ALL SLOPES SHALL BE SADDLED OR SEEDED WITH APPROVED GRASS, GRASS MIXTURES OR GROUND COVER SUITABLE TO THE AREA AND SEASON IN WHICH THEY ARE APPLIED
4. THE CONTRACTOR SHALL INSPECT THE CONTROLS AT WEEKLY INTERVALS AND AFTER EVERY SIGNIFICANT RAINFALL TO INSURE DISTURBANCE TO THE STRUCTURES HAS NOT OCCURRED. SEDIMENT DEPOSITED AFTER A RAINFALL SHALL BE REMOVED FROM THE SITE OR PLACED IN AN APPROVED DESIGNATED SOIL DISPOSAL AREA.
5. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE EMPLOYED DURING CONSTRUCTION TO PREVENT POINT SOURCE SEDIMENTATION LOADINGS OF DOWNSTREAM FACILITIES. SUCH INSTALLATIONS SHALL BE REGULARLY INSPECTED BY THE CONTRACTOR FOR EFFECTIVENESS. ADDITIONAL MEASURES MAY BE REQUIRED IF, IN THE OPINION OF THE OWNER, THEY ARE WARRANTED.
6. ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE IMPLEMENTED BEFORE CONSTRUCTION COMMENCES, SHALL BE MAINTAINED DURING CONSTRUCTION, AND SHALL BE REMOVED WHEN VEGETATION IS ESTABLISHED AND THE CONSTRUCTION AREA IS STABILIZED. ADDITIONAL PROTECTION MAY BE NECESSARY IF EXCESSIVE SOLIDS ARE BEING DISCHARGED FROM THE SITE.
7. ALL TEMPORARY EROSION AND SEDIMENTATION CONTROLS SHALL BE REMOVED BY THE CONTRACTOR AT FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER.
8. ALL STAGING, MATERIAL STORAGE, STOCKPILE AND REFUSE AREAS SHALL REQUIRE APPLICABLE EROSION AND SEDIMENT CONTROL MEASURES.
9. ALL CONSTRUCTION DEBRIS SHALL BE CONTAINED WITHIN APPROPRIATE RECEPTACLES (ROLL-OFF CONTAINERS, DUMPSTERS, TRASH CANS, WIRE-MESH CAGES, Etc.) AND CONFINED WITHIN PERIMETER EROSION AND SEDIMENT CONTROLS.
10. THE CONTRACTOR MAY REFER TO THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES (2004 EDITION) ITEM 164, "SEEDING FOR EROSION CONTROL" AND ITEM 168, "VEGETATIVE WATERING" FOR VEGETATIVE STABILIZATION SPECIFICATIONS.
11. DUST CONTROL SHALL BE IMPLEMENTED AS NECESSARY OR AS DIRECTED BY THE ENGINEER. DUST CONTROL MAY CONSIST OF WATERING OR OTHER METHODS APPROVED BY THE PROJECT ENGINEER.
12. ALL DISCHARGES ASSOCIATED WITH DEWATERING OPERATIONS SHALL IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES. MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO SEDIMENTATION BASINS OR FILTER SOCKS.
13. CONCRETE WASH-WATER SHALL NOT BE DISCHARGED DIRECTLY INTO A STORM SEWER SYSTEM OR RECEIVING STREAM. ALL WASH ACTIVITIES MUST BE PERFORMED WITHIN THE EXTENTS OF ESTABLISHED EROSION AND SEDIMENT CONTROL MEASURES OR DESIGNATED AREAS APPROVED BY PROJECT ENGINEER.
14. SEDIMENT SHALL BE CLEARED FROM ALL STORM SEWER PIPES, CULVERTS AND APPURTENANCES WITHIN THE LIMITS OF CONSTRUCTION PRIOR TO FINAL PROJECT ACCEPTANCE. SEDIMENT SHALL BE PROPERLY DISPOSED.

TRENCH SAFETY

1. IN ACCORDANCE WITH HOUSE BILLS 662 AND 665 ENACTED BY THE TEXAS LEGISLATURE (70TH REGULAR LEGISLATIVE SESSION), THE CONTRACTOR SHALL MEET THE REQUIREMENTS FOR TRENCH SAFETY AS OUTLINED IN THE CURRENT VERSION OF THE UNITED STATES DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS, 29 CFR, PART 1926, SUBPART P-EXCAVATIONS.
2. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PROVIDE A TRENCH SAFETY PLAN. ALL PLANS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS. THE PLAN SHALL BE SUBMITTED TO THE PROJECT ENGINEER.
3. IN THE EVENT CONDITIONS ENCOUNTERED IN THE FIELD REQUIRE TRENCH SAFETY SYSTEMS OUTSIDE OF THE EXTENTS SUGGESTED TRENCH PROTECTION SHOWN ON THE CONSTRUCTION PLANS, ALL EXCAVATION SHALL CEASE AND THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING A REVISED TRENCH SAFETY PLAN. NO EXCAVATION SHALL RESUME UNTIL THE REVISED TRENCH SAFETY PLAN HAS BEEN APPROVED.
4. THE CONTRACTOR SHALL ENSURE APPROVED TRENCH SAFETY PLANS ARE IMPLEMENTED. FAILURE TO ADHERE TO THE TRENCH SAFETY PLAN WILL RESULT IN A STOP WORK ORDER. NONCOMPLIANCE INCIDENTS MAY BE REPORTED TO OSHA
5. TRENCHES OR EXCAVATIONS MAY NOT BE LEFT OPEN OVERNIGHT UNLESS AUTHORIZED IN WRITING BY THE PROJECT ENGINEER. IN CASES WHERE TRENCHES ARE LEFT OPEN, THE CONTRACTOR MUST PROVIDE TRAFFIC RATED, ANCHORED STEEL PLATE COVERS APPROVED BY THE ENGINEER.

	220101
	PROJECT No. JANUARY, 2022
	DATE: J.H.
	DRAWN BY: J.H.
	CHK. BY:

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GENERAL NOTES
MISSION C.I.S.D. – SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMETS
MISSION, TEXAS

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220101

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SCALE: 1" = 30'

EXISTING BUILDING FF=147.94

EXISTING BUILDING FF=147.39

EXISTING BUILDING

EXISTING RESTROOM

EXISTING PORTABLE BUILDING FF=145.80

EXISTING PORTABLE BLDG. FF=147.75

EXISTING BUILDING FF=146.25

BUILDING (DUG OUT) FF=146.10

BUILDING (DUG OUT) FF=146.16

EXISTING NATURAL GRASS FIELD

BATTING CAGE

EXIST. SEWER M.H. TOP=145.60 INV.=141.00

GRATE INLET TOP=145.24 INV.=143.00

GRATE INLET TOP=145.05 INV.=142.00

GRATE INLET TOP=145.06 INV.=141.50

GRATE INLET TOP=144.96 INV.=141.40

GRATE INLET TOP=144.48 INV.=140.90

GRATE INLET TOP=145.07 INV.=143.35

GRATE INLET TOP=144.57 INV.=139.50

GRATE INLET TOP=144.66 INV.=139.40

GRATE INLET TOP=144.77 INV.=140.30

EXIST. GRATE INLET TOP=144.27 INV.=

12" Irrig. standpipe

EXIST. CLEAN OUT TOP=145.98

EXIST. CLEAN OUT TOP=145.90

CLEAN OUT

BLOW OFF

4"x4" CONC FLAG POLE

LEO NAJO MONUMENT

EXIST. 6" IRRIGATION LINE

EXIST. 2" WATER LINE

EXIST. 3" WATER LINE

EXIST. 16" SEWER SERVICE

EXIST. 10' SIDEWALK

6' SIDEWALK

RAMP

STEPS

BLEACHERS

SCORE BOARD

WOOD FENCE

EXISTING 42" IRRIGATION LINE (UNITED IRRIGATION DISTRICT)

200' UNITED IRRIGATION DISTRICT CANAL R.O.W.

CONCRETE CANAL

TOBERM=146.19

TOBERM=151.24

TOBERM=151.22

TOBERM=146.03

TOBERM=151.20

TOBCANAL=151.30

TOC=151.59 = EOC=151.51

EOC=145.98

EOC=147.61

EOC=145.99

EOC=145.88

LONG JUMP

POLE VAULT

BUS PARKING

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
- WATER METER
- SPRINKLER VALVE
- FIRE HYDRANT
- SPRINKLER HEAD
- ×114.65 = NATURAL GROUND ELEVATION
- TOC=113.74 = TOP OF CURB ELEVATION
- F.F.=116.36 = FINISH FLOOR ELEVATION
- 1"W — EXIST. 1" WATER LINE
- 3"W — EXIST. 3" WATER LINE
- 4"W — EXIST. 4" WATER LINE
- 8"W — EXIST. 8" WATER LINE
- 4"SS — EXIST. 4" SEWER SERVICE LINE
- 8"SS — EXIST. 8" SEWER SERVICE LINE
- 15"D — EXIST. 15" STORM DRAIN LINE
- OE — EXIST. OVERHEAD ELECTRIC LINE
- FO — EXIST. FIBER OPTIC CABLE LINE
- ATT — EXIST. AT&T TELEPHONE LINE
- 2"G — EXIST. 2" TEXAS GAS LINE
- GAS — EXIST. TEXAS GAS LINE
- EXIST. WOOD FENCE
- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

PROJECT No.	220101
DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

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EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL LEO NAJO BASEBALL FIELD
MISSION, TEXAS

SHEET 2 of 27 sheets

220101

S:\2021\Mission\Grading Plans\Mission CISD - Baseball and Softball Fields\Mission High Shool\MCISD Softball and Baseball\Mission High School Baseball Field.dwg, 1/28/2022 8:22:02 AM, DWG To PDF.pc3

1. REROUTE EXISTING IRRIGATION SYSTEM PRIOR TO FIELD CONSTRUCTION
2. REMOVE EXISTING VEGETATION, DISPOSE OFFSITE
3. EXCAVATE TO DESIGNED SUBGRADE ELEVATION, DISPOSE MATERIAL OFFSITE

SCALE: 1" = 30'

LIMITS OF CONSTRUCTION

EXISTING NATURAL GRASS FIELD (TO BE REMOVED)

EXISTING BUILDING FF=147.94

EXISTING BUILDING FF=147.35

EXISTING RESTROOM

EXISTING PORTABLE BUILDING FF=146.80

EXISTING BUILDING FF=146.25

BUILDING (DUG OUT) FF=146.16

EXISTING PORTABLE BLDG. FF=147.75

EXISTING 42" IRRIGATION LINE (UNITED IRRIGATION DISTRICT)

EXISTING 16" SEWER SERVICE

EXISTING 6" IRRIGATION LINE (TO BE REMOVED)

EXIST. 2" WATER LINE (TO BE REMOVED)

EXIST. 3" WATER LINE (TO BE REMOVED)

EXIST. SEWER M.H. TOP=145.60 INV.=141.00

GRATE INLET TOP=145.24 INV.=144.00

GRATE INLET INV.=142.00

GRATE INLET TOP=145.06 INV.=141.50

GRATE INLET TOP=144.96 INV.=141.40

GRATE INLET TOP=144.48 INV.=140.90

GRATE INLET TOP=144.77 INV.=140.30

GRATE INLET TOP=145.07 INV.=143.35

GRATE INLET TOP=144.57 INV.=139.50

GRATE INLET TOP=144.66 INV.=139.40

EXIST. GRATE INLET TOP=144.27 INV.=

EXIST. CLEAN OUT TOP=145.98

EXIST. CLEAN OUT TOP=145.90

LEO NAJO MONUMENT

12" Irrig. standpipe

4"x4" CONC. FLAG POLE

SCORE BOARD

BLOW OFF

BATTING CAGE

BLEACHERS

STEPS

RAMP

WOOD FENCE

CLEAN OUT

EXIST. 10' SIDEWALK

6' SIDEWALK

POLE VAULT

LONG JUMP

BUS PARKING

10' SWALE

200' UNITED IRRIGATION DISTRICT CANAL R.O.W.

CONCRETE CANAL

TOBERM=151.59 = EOC=151.51

TOBERM=151.24

TOBERM=151.22

TOBERM=151.19

TOBERM=146.03

TOBCANAL=151.20

TOBCANAL=151.30

EOC=145.98

EOC=147.61

EOC=145.99

EOC=146.05

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
- WATER METER
- SPRINKLER VALVE
- FIRE HYDRANT
- SPRINKLER HEAD
- ×114.65 = NATURAL GROUND ELEVATION
- TOC=113.74 = TOP OF CURB ELEVATION
- F.F=116.36 = FINISH FLOOR ELEVATION
- 1"W — EXIST. 1" WATER LINE
- 3"W — EXIST. 3" WATER LINE
- 4"W — EXIST. 4" WATER LINE
- 8"W — EXIST. 8" WATER LINE
- 4"SS — EXIST. 4" SEWER SERVICE LINE
- 8"SS — EXIST. 8" SEWER SERVICE LINE
- 15"D — EXIST. 15" STORM DRAIN LINE
- OE — EXIST. OVERHEAD ELECTRIC LINE
- FO — EXIST. FIBER OPTIC CABLE LINE
- ATT — EXIST. AT&T TELEPHONE LINE
- 2"G — EXIST. 2" TEXAS GAS LINE
- GAS — EXIST. TEXAS GAS LINE
- EXIST. WOOD FENCE
- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

PROJECT No.	220101
DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

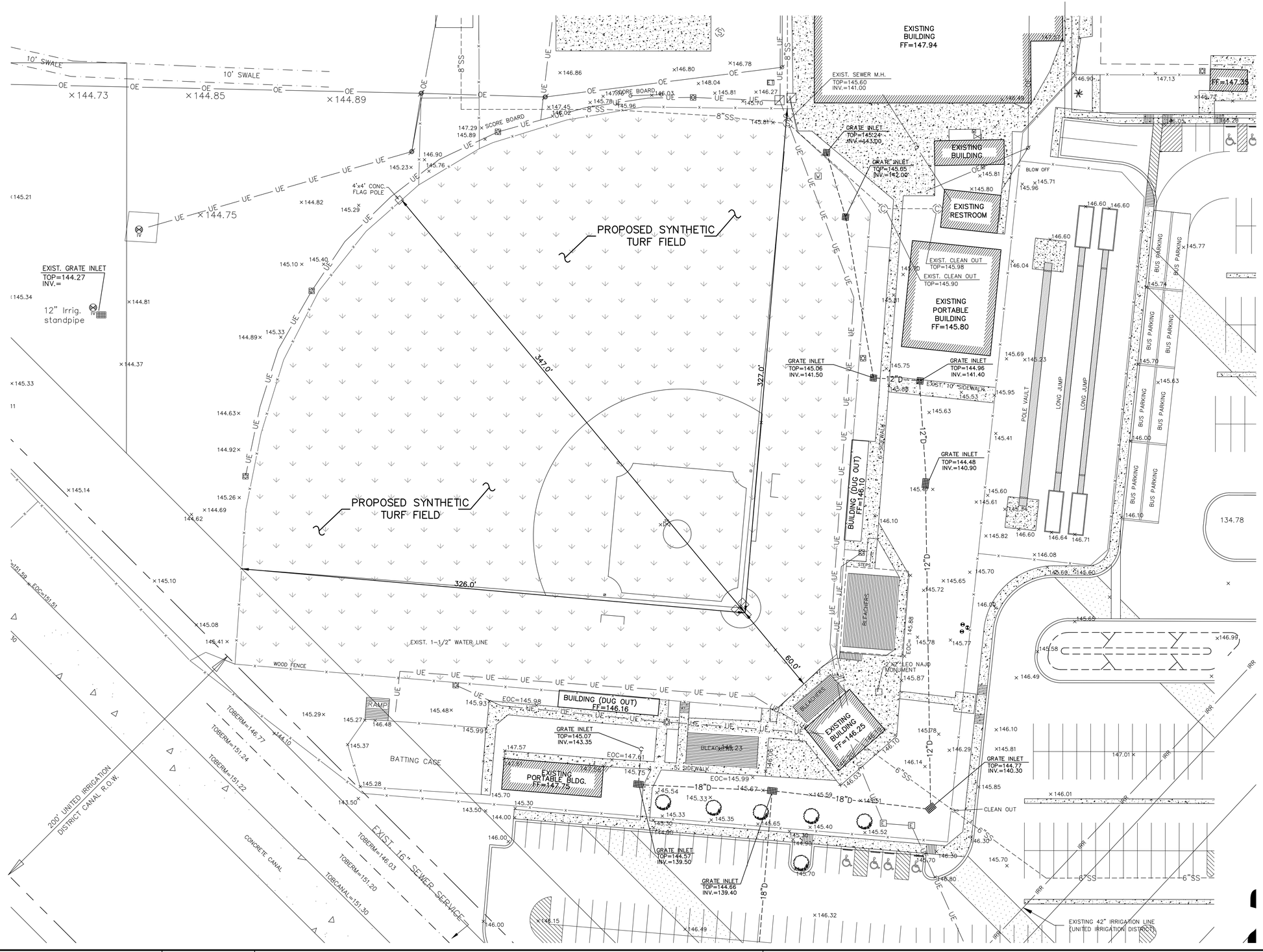
JAVIER HINOJOSA ENGINEERING
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416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588
javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

PROPOSED DEMOLITION PLAN
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL LEO NAJO BASEBALL FIELD
MISSION, TEXAS

SHEET 3 of 27 sheets

220101

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CHK. BY:	J.H.

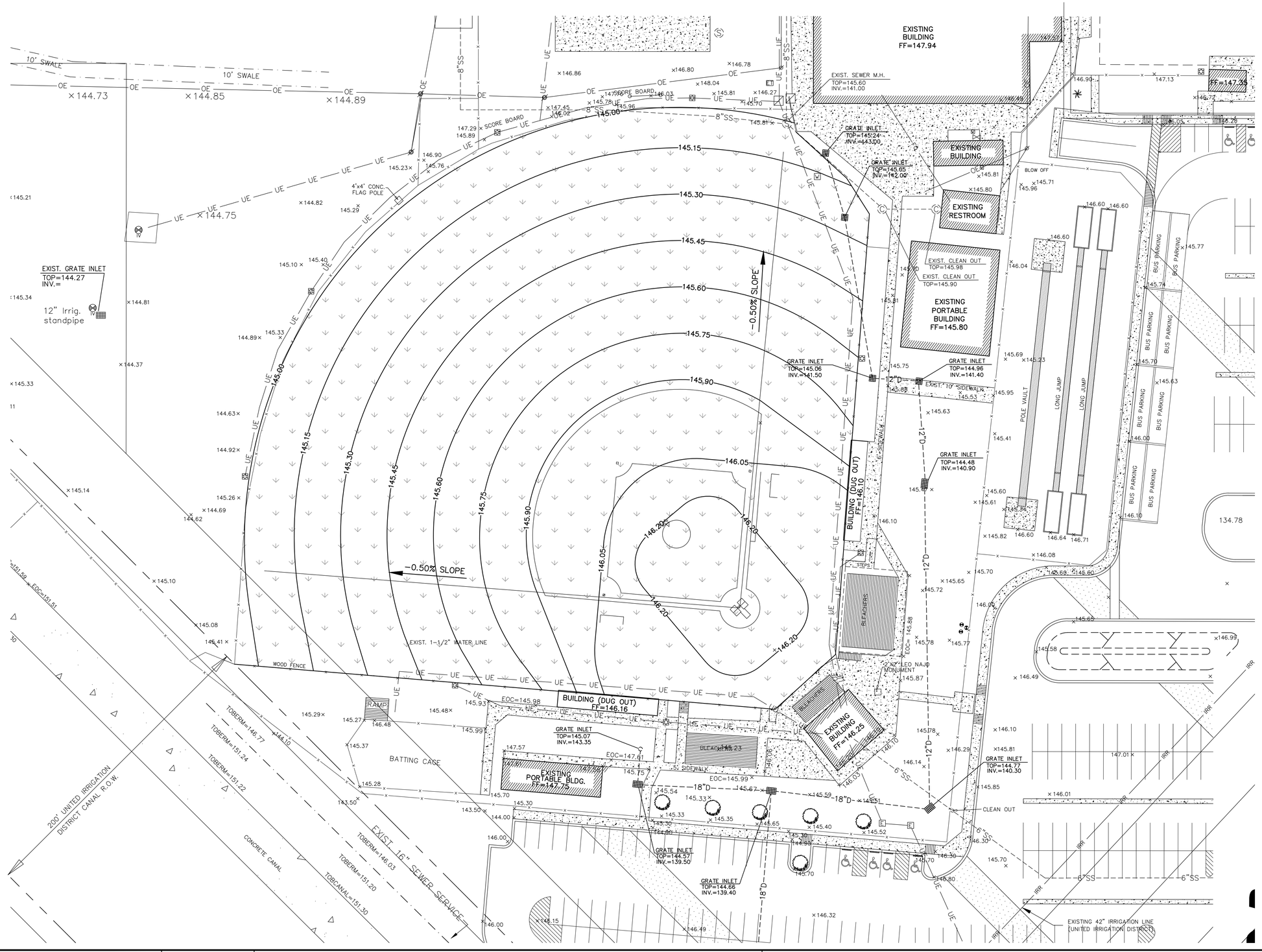
JAVIER HINOJOSA ENGINEERING
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TBPELS FIRM NUMBER F-1295

SYNTHETIC TURF FIELD DIMENSION PLAN
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL LEO NAJO BASEBALL FIELD
MISSION, TEXAS

SHEET 4 of 27 sheets

220101

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CHK. BY:	J.H.

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PROPOSED GRADING PLAN
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL LEO NAJO BASEBALL FIELD
MISSION, TEXAS

SHEET 5 of 27 sheets

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SCALE: 1" = 30'

PIPE FITTING INV=142.05

EXISTING BUILDING FF=147.94

EXIST. SEWER M.H. TOP=145.60 INV.=141.00

EXIST. GRATE INLET TOP=145.24 INV.=143.00

EXIST. GRATE INLET TOP=145.05 INV.=142.00

EXISTING BUILDING

PIPE FITTING INV=141.83

EXISTING RESTROOM

EXIST. CLEAN OUT TOP=145.98

EXIST. CLEAN OUT TOP=145.90

EXISTING PORTABLE BUILDING FF=145.80

93 L.F. 12" PERFORATED PIPE SLOPED @ 0.250%

PIPE FITTING INV=141.60

EXIST. GRATE INLET TOP=144.96 INV.=141.40

EXIST. 10' SIDEWALK

TIE TO EXIST. GRATE INLET TOP=145.06 INV.=141.50

EXIST. GRATE INLET TOP=144.48 INV.=140.90

BUILDING (DUG OUT) FF=146.10

176 L.F. 10" PERFORATED PIPE SLOPED @ 0.500%

PIPE FITTING INV=142.04

EXISTING BUILDING FF=146.25

PIPE FITTING INV=142.15

EXIST. GRATE INLET TOP=145.07 INV.=143.35

BUILDING (DUG OUT) FF=146.16

331 L.F. 10" PERFORATED PIPE SLOPED @ 0.500%

PIPE FITTING INV=142.98

200 L.F. 12" PERFORATED PIPE SLOPED @ 0.500%

EXIST. GRATE INLET TOP=144.27

12" Irrig. standpipe

HYDRAWAY TURF DRAINS LAID FLAT AT 35' ON CENTER

HYDRAWAY TURF DRAINS LAID FLAT AT 35' ON CENTER

4'x4' CONC. FLAG POLE

"Z" LEO NAJO MONUMENT

POLE VAULT

LONG JUMP

LONG JUMP

BUS PARKING

STEPS

RAMP

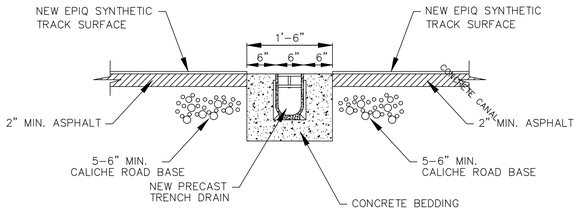
WOOD FENCE

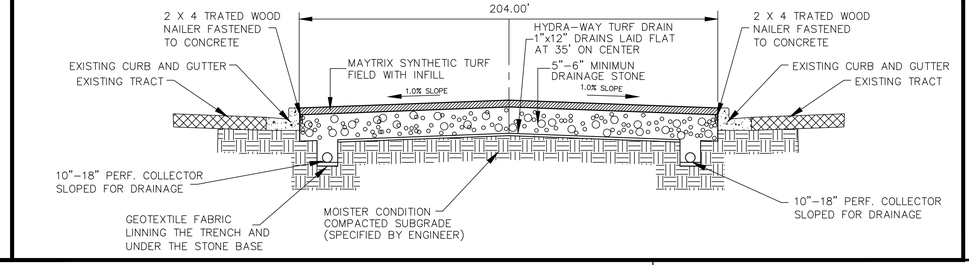
BATTING CAGE

SCORE BOARD

BLOW OFF

10' SWALE





LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
- WATER METER
- SPRINKLER VALVE
- FIRE HYDRANT
- SPRINKLER HEAD
- ×114.65 = NATURAL GROUND ELEVATION
- TOC=113.74 = TOP OF CURB ELEVATION
- F.F=116.36 = FINISH FLOOR ELEVATION
- 1"W — EXIST. 1" WATER LINE
- 3"W — EXIST. 3" WATER LINE
- 4"W — EXIST. 4" WATER LINE
- 8"W — EXIST. 8" WATER LINE
- 4"SS — EXIST. 4" SEWER SERVICE LINE
- 8"SS — EXIST. 8" SEWER SERVICE LINE
- 15"D — EXIST. 15" STORM DRAIN LINE
- OE — EXIST. OVERHEAD ELECTRIC LINE
- FO — EXIST. FIBER OPTIC CABLE LINE
- ATT — EXIST. AT&T TELEPHONE LINE
- 2"G — EXIST. 2" TEXAS GAS LINE
- GAS — EXIST. TEXAS GAS LINE
- EXIST. WOOD FENCE
- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

REVISIONS	

PROJECT No.	220101
DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

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TBPELS FIRM NUMBER F-1295

PROPOSED DRAINAGE PLAN
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL LEO NAJO BASEBALL FIELD
MISSION, TEXAS

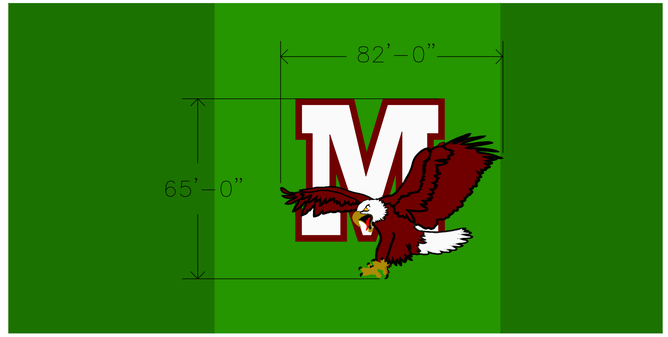
SHEET 6 of 27 sheets

220101

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SCALE: 1" = 30'





LEGEND:

LIGHT POLE	1"W — EXIST. 1" WATER LINE
POWER POLE	3"W — EXIST. 3" WATER LINE
GUY WIRE	4"W — EXIST. 4" WATER LINE
SANITARY SEWER MANHOLE	8"W — EXIST. 8" WATER LINE
WATER VALVE	4"SS — EXIST. 4" SEWER SERVICE LINE
WATER FAUCET	8"SS — EXIST. 8" SEWER SERVICE LINE
ELECTRIC TRANSFORMER	15"D — EXIST. 15" STORM DRAIN LINE
ELECTRIC PANEL	OE — EXIST. OVERHEAD ELECTRIC LINE
WATER METER	FO — EXIST. FIBER OPTIC CABLE LINE
SPRINKLER VALVE	ATT — EXIST. AT&T TELEPHONE LINE
FIRE HYDRANT	2"G — EXIST. 2" TEXAS GAS LINE
SPRINKLER HEAD	GAS — EXIST. TEXAS GAS LINE
×114.65 = NATURAL GROUND ELEVATION	EXIST. WOOD FENCE
TOC=113.74 = TOP OF CURB ELEVATION	EXIST. CHAIN LINK FENCE
F.F=116.36 = FINISH FLOOR ELEVATION	EXIST. ASPHALT PAVING
	EXIST. CONCRETE PAVING/SIDEWALK

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PROPOSED COLOR RENDERING
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL LEO NAJO BASEBALL FIELD
MISSION, TEXAS

SHEET 7 of 27 sheets

220101

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SCALE: 1" = 30'

CUMMINGS AVENUE

KIKA DE LA GARZA LOOP

DUNLAP AVE.

EXISTING BUILDING

EXISTING BUILDING

EXISTING BUILDING

EXISTING ASPHALT DRIVEWAY

EXISTING ASPHALT DRIVEWAY

EXISTING ASPHALT DRIVEWAY

EXISTING 6' CONCRETE SIDEWALK

EXISTING 6' CONCRETE SIDEWALK

EXISTING 6' CONCRETE SIDEWALK

EXISTING CONCRETE PAD

EXIST. ELECTRICAL TRANSFORMER

EXIST. 4" WATER LINE

EXIST. 2" WATER LINE

EXIST. 2" WATER LINE

EXIST. 2" WATER LINE

EXIST. 2" WATER LINE

EXIST. LIGHT POLE

EXIST. 1" WATER LINE

STAND PIPE

EXISTING NATURAL GRASS FIELD

BATTING PRACTICE CAGE

EXISTING CONCRETE SIDEWALK

DUG OUT

PORTABLE BUILDING

BLEACHERS

EXISTING CONCRETE SIDEWALK

DUG OUT

BLEACHERS

EXIST. BLDG.

EXISTING CONCRETE SIDEWALK

GRATE INLET
TOP=144.42
INV=141.12

GRATE INLET
TOP=144.79
INV=140.79

GRATE INLET
TOP=144.47
INV=140.37

GRATE INLET
TOP=144.85
INV=140.75

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
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- EXIST. WOOD FENCE
- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

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DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

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TBPELS FIRM NUMBER F-1295

EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL COACH IRIS IGLESIAS SOFTBALL FIELD
MISSION, TEXAS

SHEET 8 of 27 sheets

220101

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1. REROUTE EXISTING IRRIGATION SYSTEM PRIOR TO FIELD CONSTRUCTION
2. REMOVE EXISTING VEGETATION, DISPOSE OFFSITE
3. EXCAVATE TO DESIGNED SUBGRADE ELEVATION, DISPOSE MATERIAL OFFSITE

SCALE: 1" = 30'

LIMITS OF CONSTRUCTION

EXISTING BUILDING

EXISTING BUILDING

EXISTING BUILDING

EXISTING ASPHALT DRIVEWAY

EXISTING ASPHALT DRIVEWAY

EXISTING ASPHALT DRIVEWAY

EXISTING ASPHALT DRIVEWAY

EXISTING NATURAL GRASS FIELD (TO BE REMOVED)

EXIST. 4" WATER LINE

EXIST. 2" WATER LINE (TO BE REMOVED)

EXIST. 2" WATER LINE (TO BE REMOVED)

EXIST. 2" WATER LINE (TO BE REMOVED)

EXIST. 1" WATER LINE (TO BE REMOVED)

EXIST. 1-1/2" WATER LINE (TO BE REMOVED)

EXIST. 2" WATER LINE

STAND PIPE

BATTING PRACTICE CAGE

PORTABLE BUILDING

EXISTING CONCRETE SIDEWALK

EXISTING CONCRETE SIDEWALK

EXISTING CONCRETE SIDEWALK

EXISTING CONCRETE SIDEWALK

EXISTING CONCRETE SIDEWALK

EXISTING CONCRETE PAD

EXIST. ELECTRICAL TRANSFORMER

BLEACHERS

DUG OUT

DUG OUT

BLEACHERS

EXIST. BLDG.

EXISTING ASPHALT DRIVEWAY

GRATE INLET
TOP=144.42
INV=141.12

GRATE INLET
TOP=144.79
INV=140.79

GRATE INLET
TOP=144.47
INV=140.37

GRATE INLET
TOP=144.85
INV=140.75

LIMITS OF CONSTRUCTION

CUMMINGS AVENUE

KIKA DE LA GARZA LOOP

DUNLAP AVE.

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
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- EXIST. WOOD FENCE
- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

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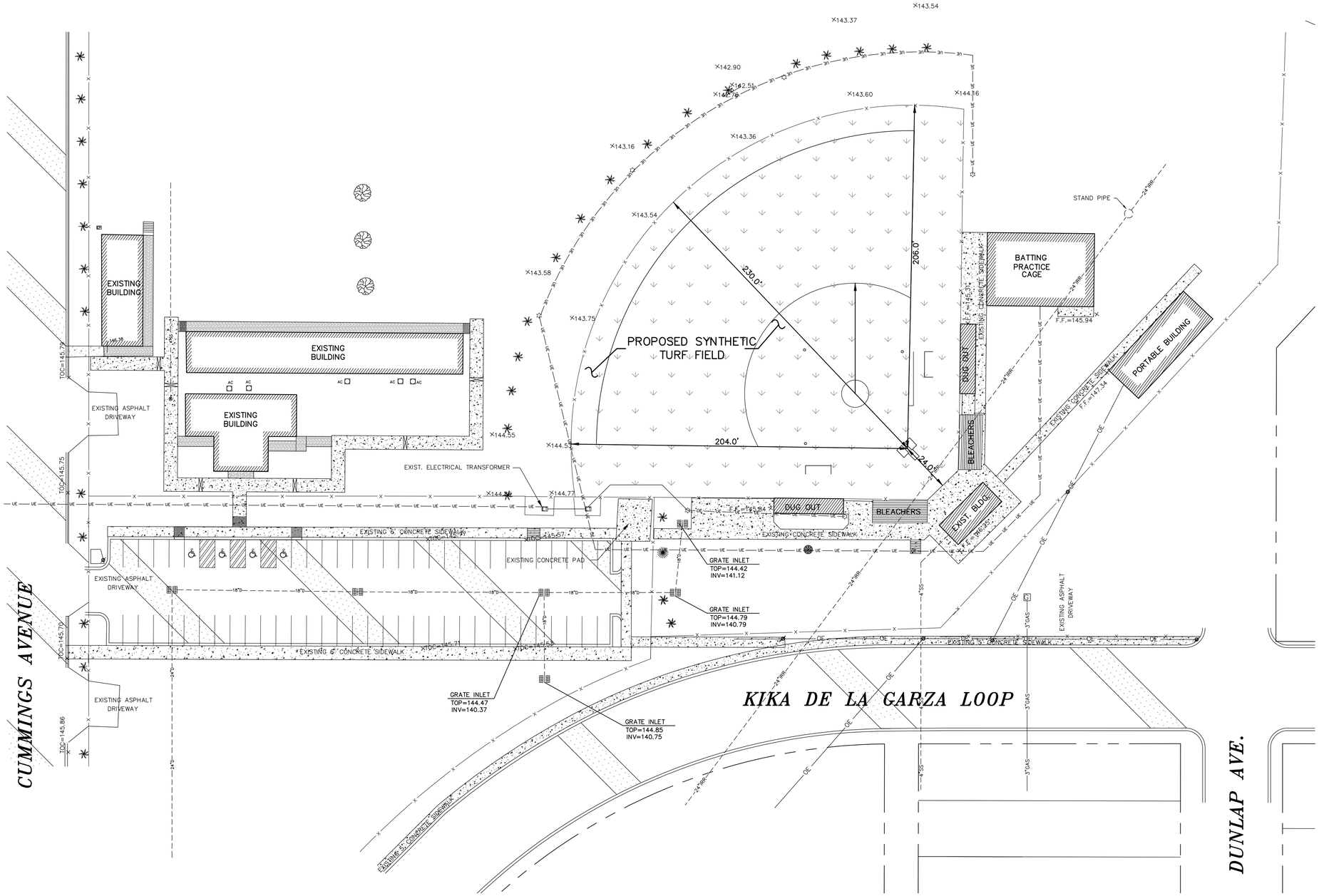
PROPOSED DEMOLITION PLAN
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL COACH IRIS IGLESIAS SOFTBALL FIELD
MISSION, TEXAS

SHEET 9 of 27 sheets

220101

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SCALE: 1" = 30'



LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
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- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

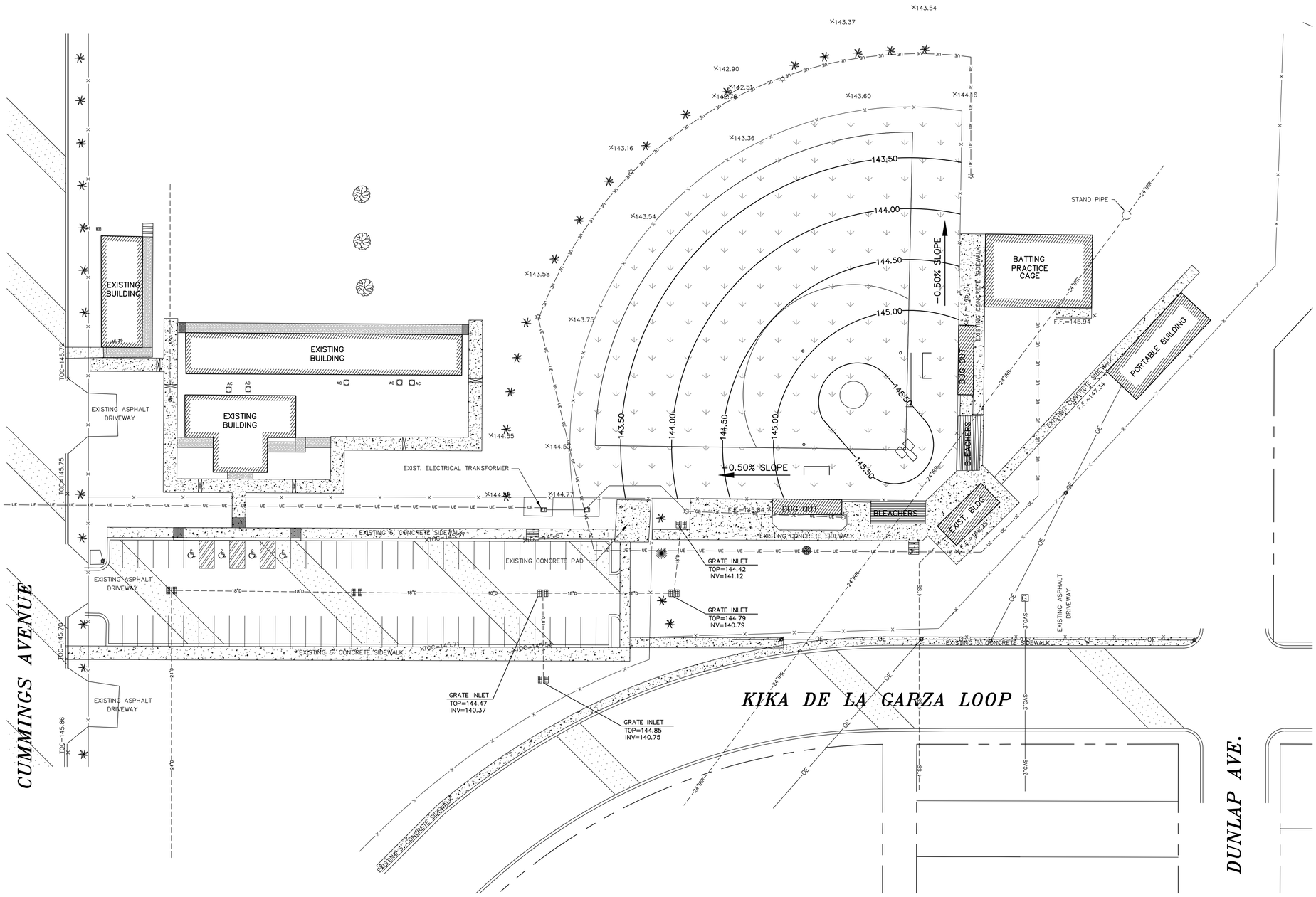
PROJECT No.	220101
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SYNTHETIC TURF FIELD DIMENSION PLAN
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL COACH IRIS IGLESIAS SOFTBALL FIELD
MISSION, TEXAS

SHEET 10 of 27 sheets

SCALE: 1" = 30'



LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
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PROPOSED GRADING PLAN
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL COACH IRIS IGLESIAS SOFTBALL FIELD
MISSION, TEXAS

SHEET 11 of 27 sheets

S:\2021\Mission\Grading Plans\Mission CISD - Baseball and Softball Fields\Mission High Shool\MCISD Softball and Baseball\Mission High School Baseball Field.dwg, 1/28/2022 8:25:38 AM, DWG To PDF.pc3

SCALE: 1" = 30'

PIPE FITTING
INV=142.09

220 L.F. 10" PERFORATED
PIPE SLOPED @ 0.500%

200 L.F. 8" PERFORATED
PIPE SLOPED @ 0.250%

HYDRAWAY TURF DRAINS
LAID FLAT AT 35' ON CENTER

HYDRAWAY TURF DRAINS
LAID FLAT AT 35' ON CENTER

PIPE FITTING
INV=143.34

0.50% SLOPE

0.50% SLOPE

55 L.F. 10" PERFORATED
PIPE SLOPED @ 0.250%

PIPE FITTING
INV=141.20

TIE TO
EXIST. GRATE INLET
TOP=144.42
INV=141.12

140 L.F. 8" PERFORATED
PIPE SLOPED @ 0.250%

EXIST. GRATE INLET
TOP=144.47
INV=140.37

EXIST. GRATE INLET
TOP=144.79
INV=140.79

EXIST. GRATE INLET
TOP=144.85
INV=140.75

EXISTING BUILDING

EXISTING BUILDING

EXISTING BUILDING

EXISTING ASPHALT DRIVEWAY

EXISTING ASPHALT DRIVEWAY

EXISTING ASPHALT DRIVEWAY

EXIST. ELECTRICAL TRANSFORMER

EXISTING 6' CONCRETE SIDEWALK

EXISTING 6' CONCRETE SIDEWALK

EXISTING 6' CONCRETE SIDEWALK

EXISTING CONCRETE SIDEWALK

EXISTING CONCRETE SIDEWALK

EXISTING CONCRETE SIDEWALK

EXISTING 6' CONCRETE SIDEWALK

BATTING PRACTICE CAGE

STAND PIPE

PORTABLE BUILDING

DUG OUT

BLEACHERS

DUG OUT

BLEACHERS

EXIST. BLDG.

CUMMINGS AVENUE

KIKA DE LA GARZA LOOP

DUNLAP AVE.

LEGEND:

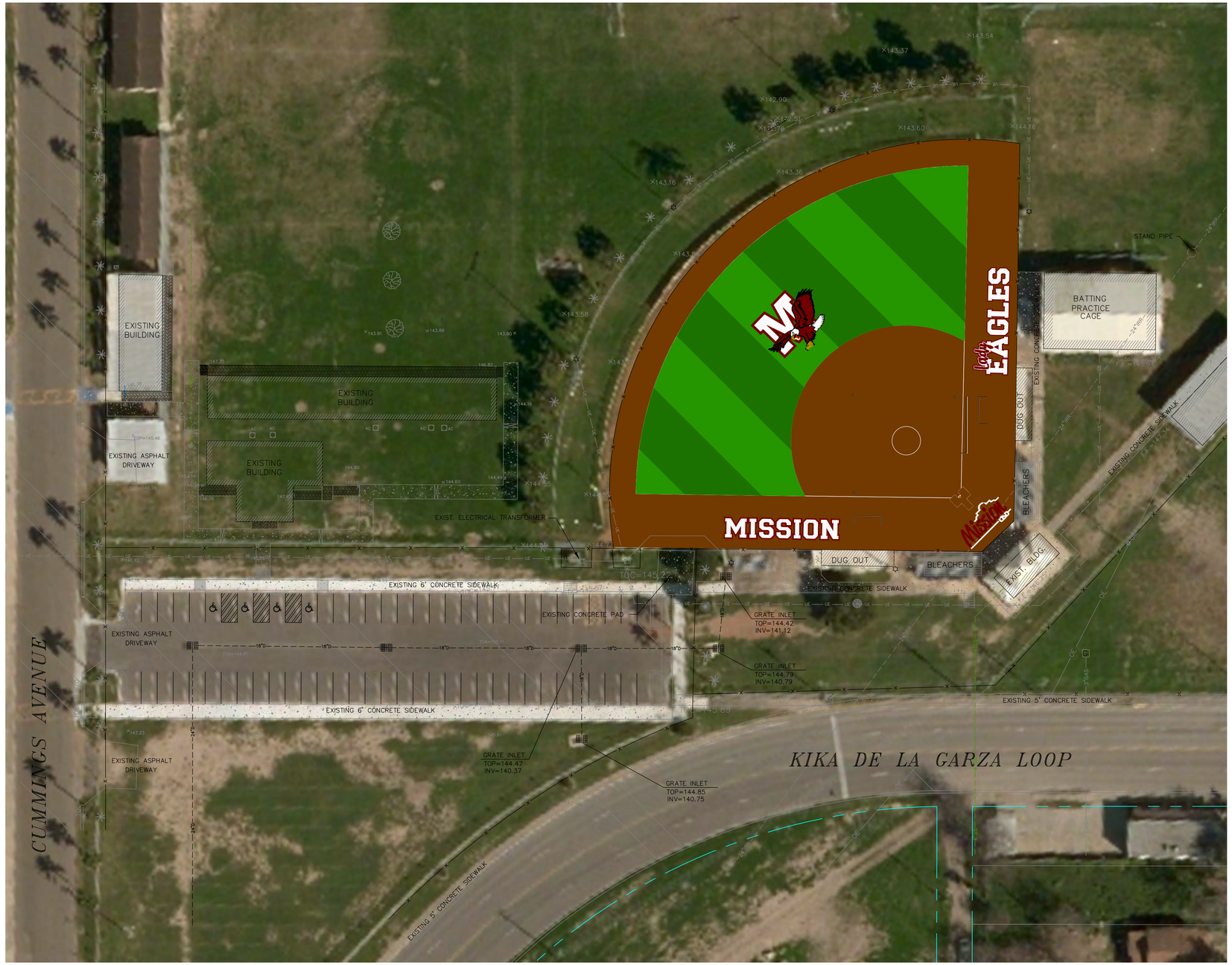
- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
- WATER METER
- SPRINKLER VALVE
- FIRE HYDRANT
- SPRINKLER HEAD
- ×114.65 = NATURAL GROUND ELEVATION
- TOC=113.74 = TOP OF CURB ELEVATION
- F.F=116.36 = FINISH FLOOR ELEVATION
- 1"W — EXIST. 1" WATER LINE
- 3"W — EXIST. 3" WATER LINE
- 4"W — EXIST. 4" WATER LINE
- 8"W — EXIST. 8" WATER LINE
- 4"SS — EXIST. 4" SEWER SERVICE LINE
- 8"SS — EXIST. 8" SEWER SERVICE LINE
- 15"D — EXIST. 15" STORM DRAIN LINE
- OE — EXIST. OVERHEAD ELECTRIC LINE
- FO — EXIST. FIBER OPTIC CABLE LINE
- ATT — EXIST. AT&T TELEPHONE LINE
- 2"G — EXIST. 2" TEXAS GAS LINE
- GAS — EXIST. TEXAS GAS LINE
- EXIST. WOOD FENCE
- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

PROJECT No.	220101
DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

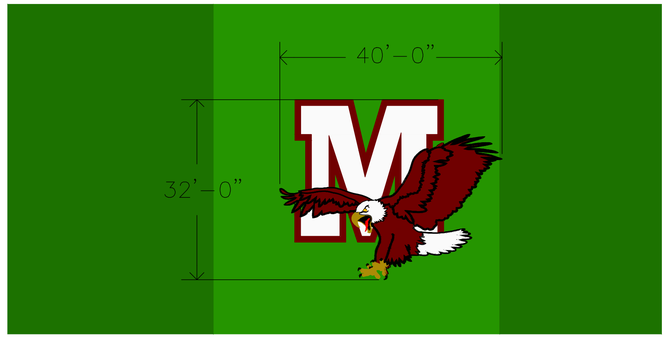
JAVIER HINOJOSA ENGINEERING
CONSULTING ENGINEERS
416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588
javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

PROPOSED DRAINAGE PLAN
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL COACH IRIS IGLESIAS SOFTBALL FIELD
MISSION, TEXAS

SHEET 12 of 27 sheets



SCALE: 1" = 30'





LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
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PROJECT No.	220101
DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

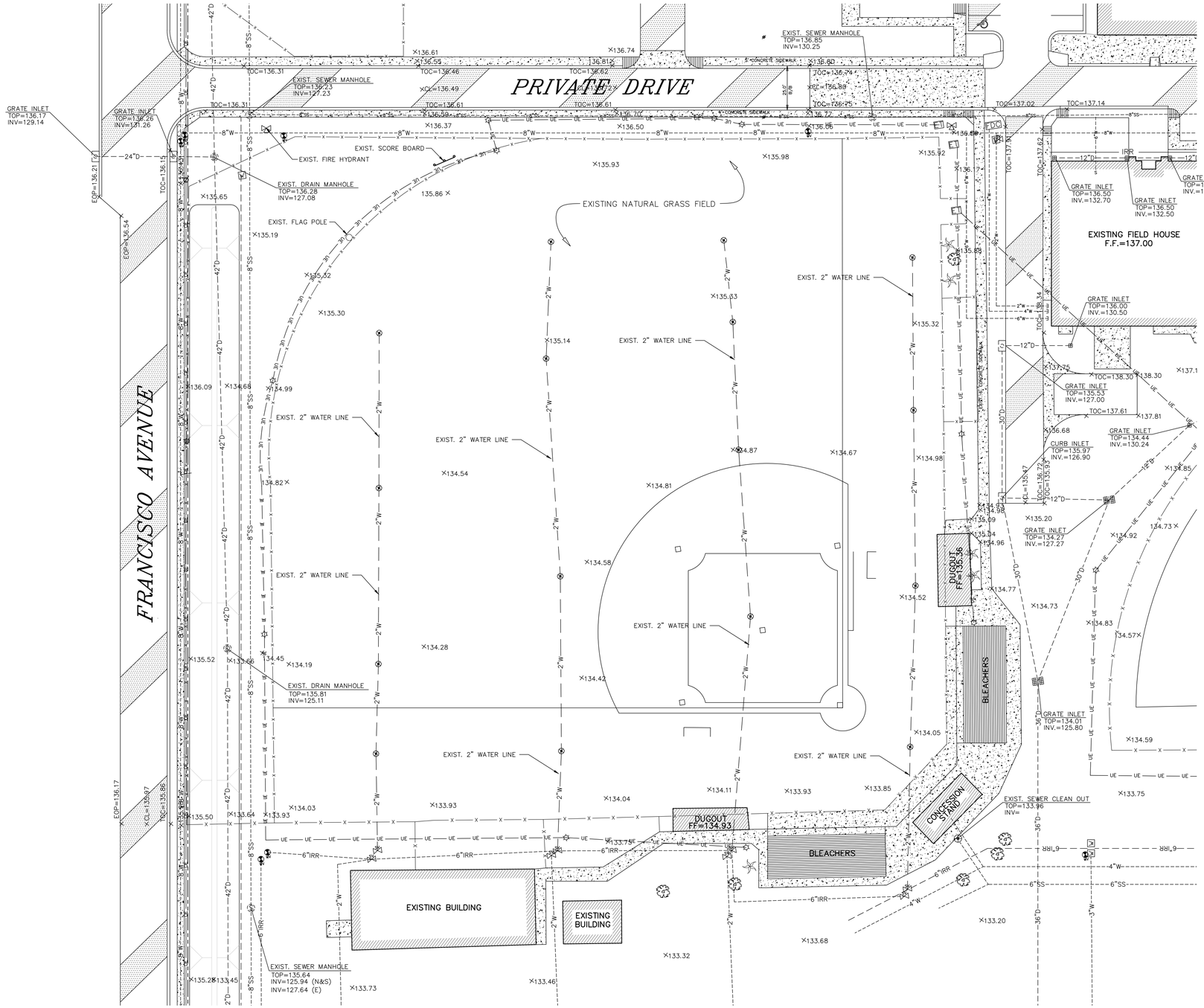
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416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588
javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

PROPOSED COLOR RENDERING
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION HIGH SCHOOL COACH IRIS IGLESIAS SOFTBALL FIELD
MISSION, TEXAS

SHEET 13 of 27 sheets

220101

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LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
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- EXIST. CONCRETE PAVING/SIDEWALK

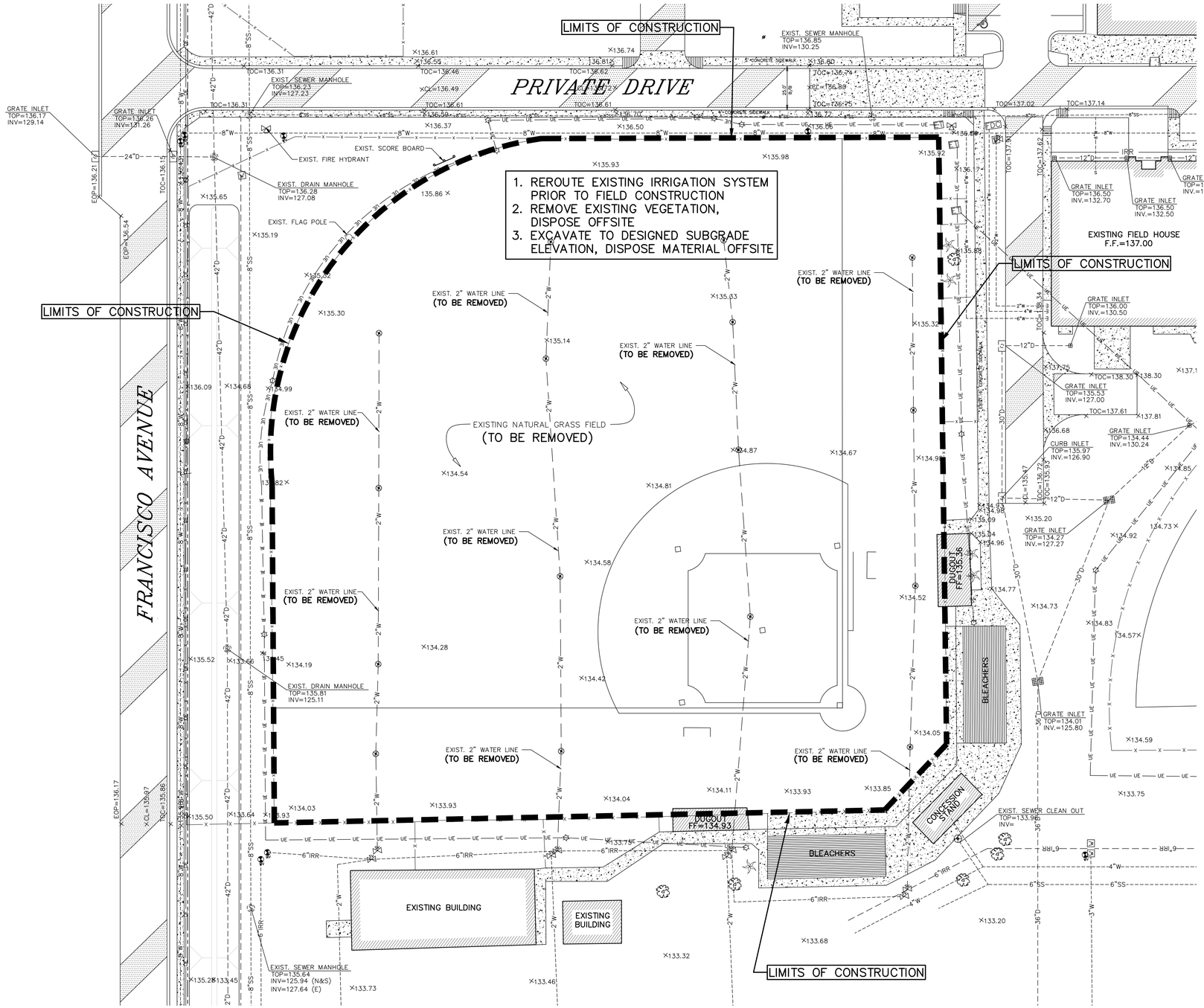
	220101	
	PROJECT No. JANUARY, 2022	
	DATE: A. GAUNA	
	DRAWN BY: J.H.	
	CHK. BY:	

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TBPELS FIRM NUMBER F-1295

EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION VETERANS MEMORIAL HIGH SCHOOL BASEBALL FIELD
MISSION, TEXAS

SHEET 14 of 27 sheets

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SCALE: 1" = 30'

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
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DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
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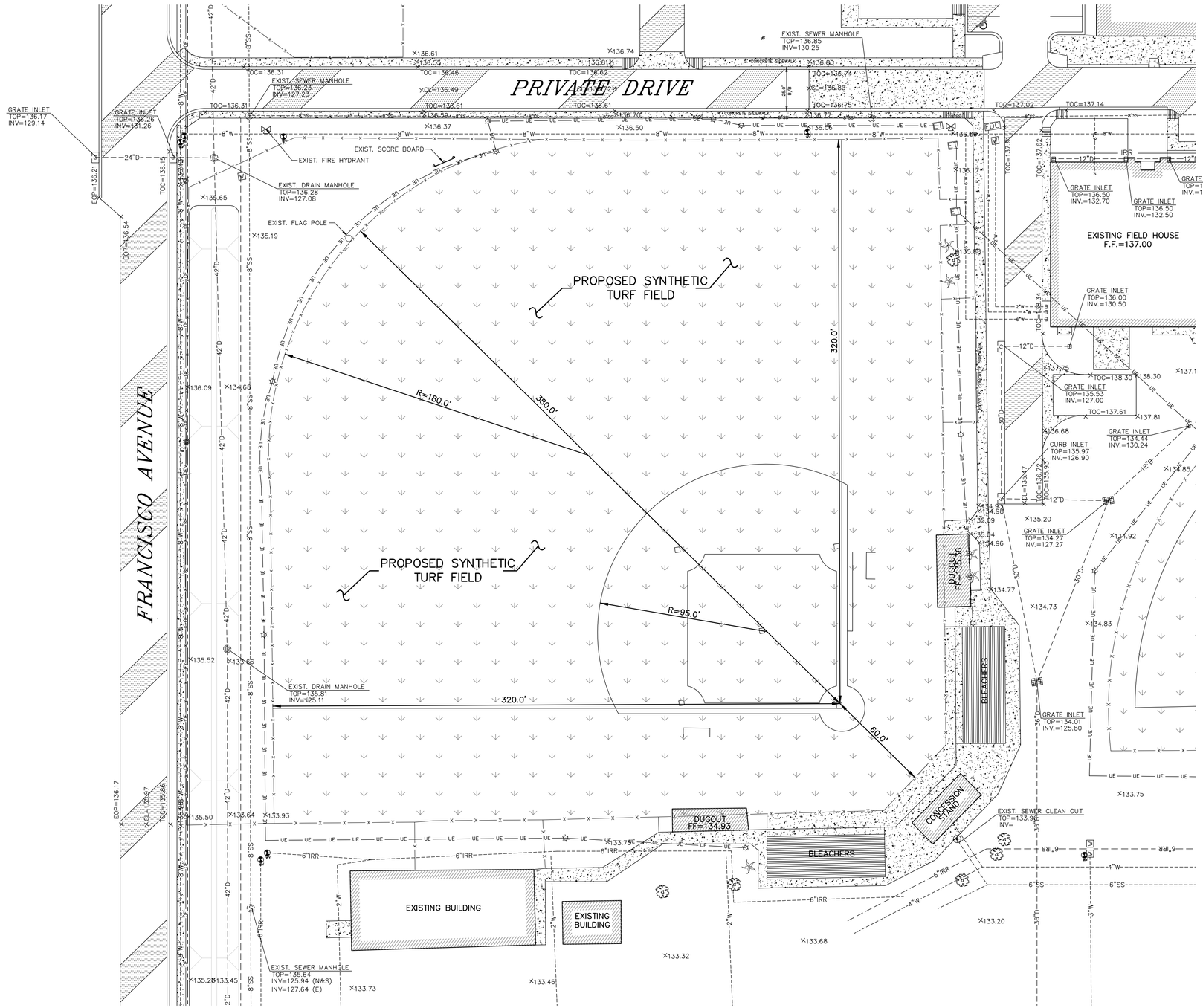
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javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

PROPOSED DEMOLITION PLAN
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS
MISSION VETERANS MEMORIAL HIGH SCHOOL BASEBALL FIELD
MISSION, TEXAS

SHEET 15 of 27 sheets

220101

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SCALE: 1" = 30'

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
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PROJECT No.	220101
DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

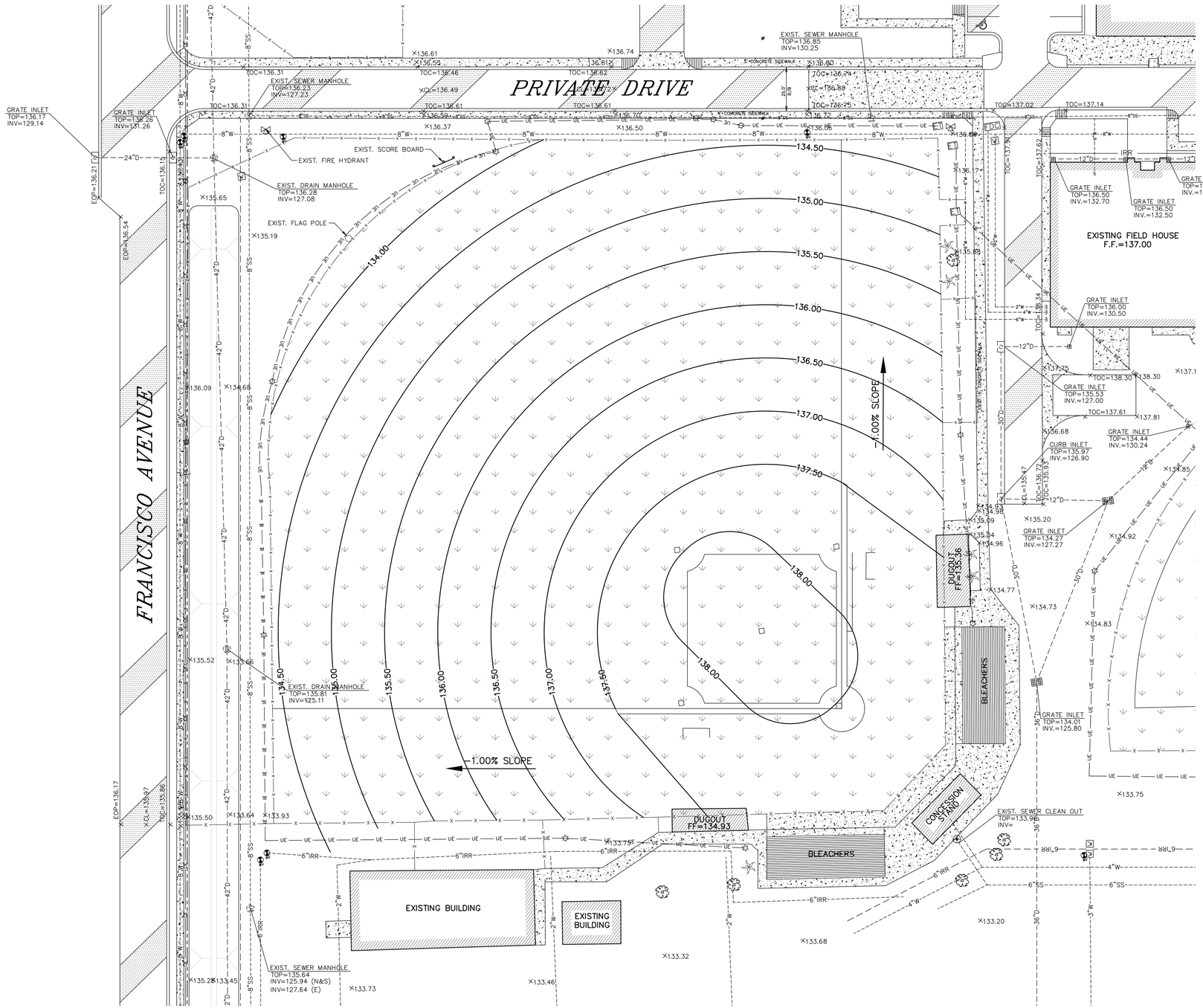
JAVIER HINOJOSA ENGINEERING
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PHONE (956) 668-1588
javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

SYNTHETIC TURF FIELD DIMENSION PLAN
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION VETERANS MEMORIAL HIGH SCHOOL BASEBALL FIELD
MISSION, TEXAS

SHEET 16 of 27 sheets

220101

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PRIVATE DRIVE
FRANCISCO AVENUE
EXIST. SEWER MANHOLE
TOP=136.85
INV=130.25
GRATE INLET
TOP=136.17
INV=129.14
GRATE INLET
TOP=136.26
INV=131.26
EXIST. FIRE HYDRANT
EXIST. SCORE BOARD
EXIST. DRAIN MANHOLE
TOP=136.28
INV=127.08
EXIST. FLAG POLE
EXIST. SEWER MANHOLE
TOP=136.23
INV=127.23
5' CONCRETE SIDEWALK
EXISTING FIELD HOUSE
F.F.=137.00
GRATE INLET
TOP=136.50
INV.=132.70
GRATE INLET
TOP=136.50
INV.=132.50
GRATE INLET
TOP=136.50
INV.=132.30
GRATE INLET
TOP=136.00
INV.=130.50
GRATE INLET
TOP=135.53
INV.=127.00
GRATE INLET
TOP=134.44
INV.=130.24
CURB INLET
TOP=135.97
INV.=126.90
GRATE INLET
TOP=134.27
INV.=127.27
GRATE INLET
TOP=134.01
INV.=125.80
1.00% SLOPE
1.00% SLOPE
134.00
134.50
135.00
135.50
136.00
136.50
137.00
137.50
138.00
DUGOUT
FF=135.36
DUGOUT
FF=134.93
BLEACHERS
BLEACHERS
CONCESSION STAND
EXISTING BUILDING
EXISTING BUILDING
EXIST. DRAIN MANHOLE
TOP=135.81
INV=125.11
EXIST. SEWER MANHOLE
TOP=135.64
INV=125.94 (N&S)
INV=127.64 (E)
EXIST. SEWER CLEAN OUT
TOP=133.96
INV=
EDGE OF CONCRETE SIDEWALK
EDGE OF CONCRETE SIDEWALK
EOP=136.21
EOP=136.54
EOP=136.17
TOC=136.15
TOC=136.31
TOC=136.46
TOC=136.62
TOC=136.74
TOC=136.88
TOC=136.25
TOC=137.02
TOC=137.14
TOC=137.62
TOC=137.78
TOC=138.14
TOC=138.30
TOC=137.61
TOC=137.81
TOC=136.72
TOC=135.93
TOC=135.47
TOC=135.09
TOC=134.58
TOC=134.77
TOC=134.73
TOC=134.83
TOC=133.75
TOC=133.32
TOC=133.68
TOC=133.20
TOC=133.46
TOC=133.73
TOC=135.86
TOC=135.67
CL=135.47
CL=136.72
CL=135.93
CL=135.09
CL=134.58
CL=134.77
CL=134.73
CL=134.83
CL=133.75
CL=133.32
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CL=133.20
CL=133.46
CL=133.73
CL=135.86
CL=135.67
×136.61
×136.55
×136.46
×136.49
×136.59
×136.61
×136.61
×136.70
×136.37
×136.50
×136.55
×136.72
×136.25
×136.60
×136.74
×136.81
×136.80
×136.88

PRIVATE DRIVE

208 L.F. 12" PERFORATED PIPE SLOPED @ 0.500%

PIPE FITTING INV=132.00

PIPE FITTING INV=130.96

PIPE FITTING INV=132.00

PIPE FITTING IN=131.54

PIPE FITTING IN=133.86 (S) INV=130.45

PIPE FITTING INV=135.50

PIPE FITTING INV=134.40

PIPE FITTING INV=132.00

FRANCISCO AVENUE

250 L.F. 12" PERFORATED PIPE SLOPED @ 0.500%

103 L.F. 12" PERFORATED PIPE SLOPED @ 0.500%

218 L.F. 10" PERFORATED PIPE SLOPED @ 0.500%

83 L.F. 12" PERFORATED PIPE SLOPED @ 0.500%

322 L.F. 10" PERFORATED PIPE SLOPED @ 0.500%

38 L.F. 10" PERFORATED PIPE SLOPED @ 0.250%

HYDRAWAY TURF DRAINS LAID FLAT AT 35° ON CENTER

1.00% SLOPE

EXISTING FIELD HOUSE F.F.=137.00

DUGOUT F.F.=134.93

BLEACHERS

CONCESSION STAND

EXISTING BUILDING

TIE TO EXIST. GRATE INLET TOP=135.53 INV.=127.00

TIE TO EXIST. DRAIN MANHOLE TOP=135.81 INV=125.11

EXIST. SEWER MANHOLE TOP=136.23 INV=127.23

EXIST. SEWER MANHOLE TOP=136.85 INV=130.25

EXIST. SCORE BOARD

EXIST. FIRE HYDRANT

EXIST. DRAIN MANHOLE TOP=136.28 INV=127.08

EXIST. FLAG POLE

EXIST. SEWER MANHOLE TOP=135.64 INV=125.94 (N&S) INV=127.64 (E)

EXIST. SEWER CLEAN OUT TOP=133.96 INV=

GRATE INLET TOP=136.17 INV=129.14

GRATE INLET TOP=136.26 INV=131.26

GRATE INLET TOP=136.50 INV=132.70

GRATE INLET TOP=136.50 INV=132.50

GRATE INLET TOP=136.50 INV.=132.30

GRATE INLET TOP=136.00 INV.=130.50

GRATE INLET TOP=134.44 INV.=130.24

GRATE INLET TOP=134.27 INV.=127.27

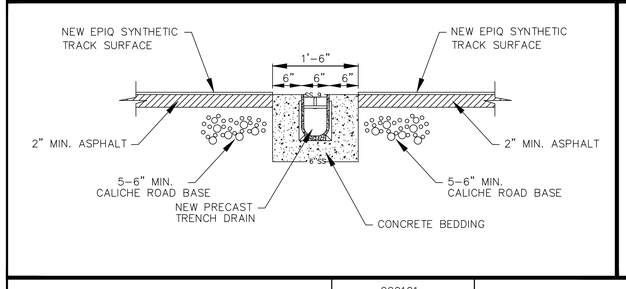
CURB INLET TOP=135.97 INV.=126.90

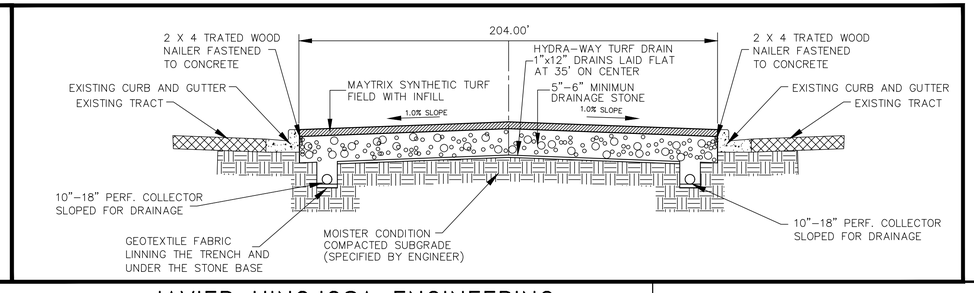
GRATE INLET TOP=134.01 INV.=125.80

SCALE: 1" = 30'

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
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- ELECTRIC PANEL
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- – – 8"W – – EXIST. 8" WATER LINE
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- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK





	220101	
	PROJECT No. JANUARY, 2022	
	DATE: A. GAUNA	
	DRAWN BY: J.H.	
	CHK. BY:	

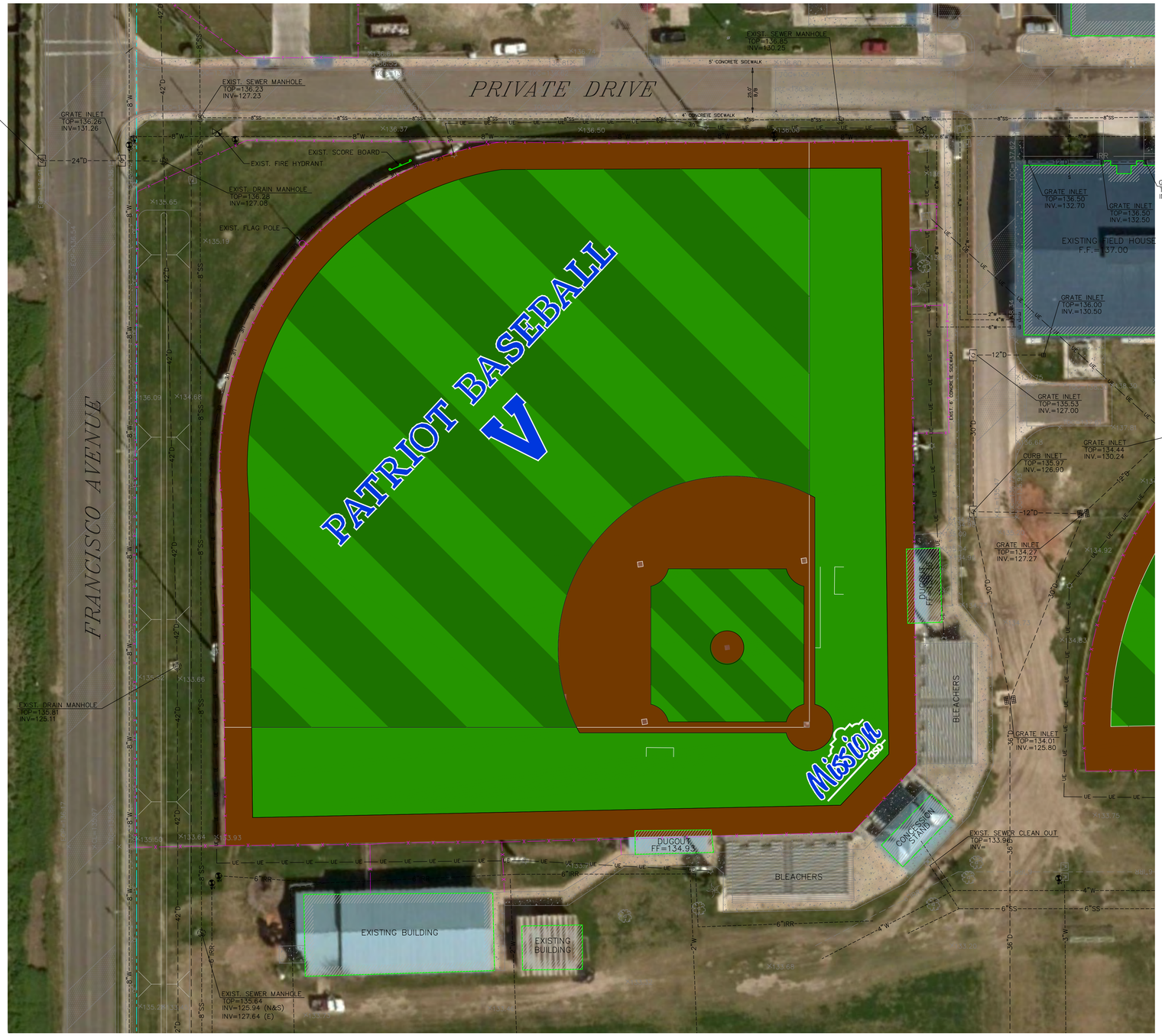
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PHONE (956) 668-1588
javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

PROPOSED DRAINAGE PLAN
SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS
MISSION VETERANS MEMORIAL HIGH SCHOOL BASEBALL FIELD
MISSION, TEXAS

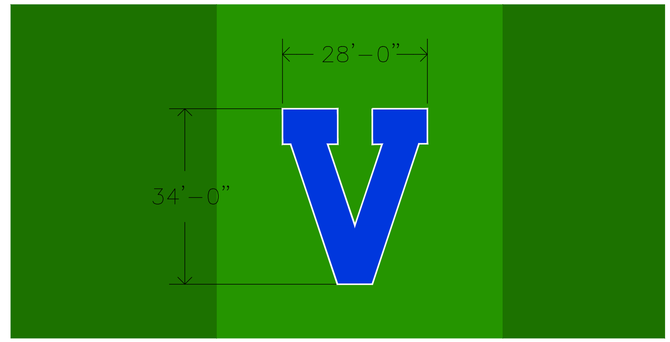
SHEET 18 of 27 sheets

220101

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SCALE: 1" = 30'





LEGEND:

LIGHT POLE	EXIST. 1" WATER LINE
POWER POLE	EXIST. 3" WATER LINE
GUY WIRE	EXIST. 4" WATER LINE
SANITARY SEWER MANHOLE	EXIST. 8" WATER LINE
WATER VALVE	EXIST. 4" SEWER SERVICE LINE
WATER FAUCET	EXIST. 8" SEWER SERVICE LINE
ELECTRIC TRANSFORMER	EXIST. 15" STORM DRAIN LINE
ELECTRIC PANEL	EXIST. OVERHEAD ELECTRIC LINE
WATER METER	EXIST. FIBER OPTIC CABLE LINE
SPRINKLER VALVE	EXIST. AT&T TELEPHONE LINE
FIRE HYDRANT	EXIST. 2" TEXAS GAS LINE
SPRINKLER HEAD	EXIST. TEXAS GAS LINE
x 114.65 = NATURAL GROUND ELEVATION	EXIST. WOOD FENCE
TOC=113.74 = TOP OF CURB ELEVATION	EXIST. CHAIN LINK FENCE
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	EXIST. CONCRETE PAVING/SIDEWALK

220101

PROJECT No. JANUARY, 2022

DATE:

A. GAUNA

DRAWN BY: J.H.

CHK. BY:

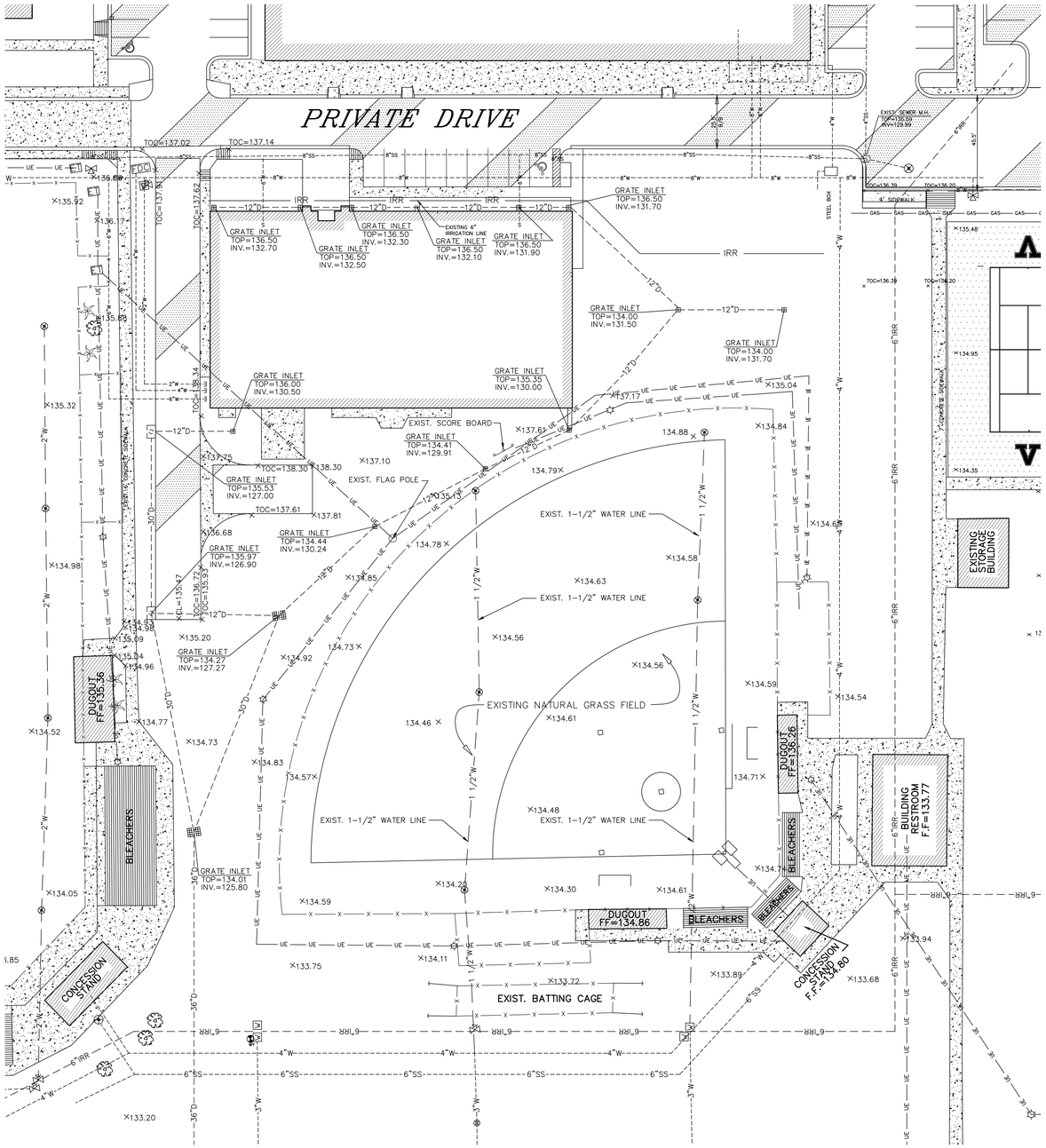
JAVIER HINOJOSA ENGINEERING
CONSULTING ENGINEERS
416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588
javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

PROPOSED COLOR RENDERING
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION VETERANS MEMORIAL HIGH SCHOOL BASEBALL FIELD
MISSION, TEXAS

SHEET 19 of 27 sheets

220101

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SCALE: 1" = 30'

LEGEND:

- LIGHT POLE
- POWER POLE
- GUY WIRE
- SANITARY SEWER MANHOLE
- WATER VALVE
- WATER FAUCET
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
- WATER METER
- SPRINKLER VALVE
- FIRE HYDRANT
- SPRINKLER HEAD
- ×114.65 = NATURAL GROUND ELEVATION
- TOC=113.74 = TOP OF CURB ELEVATION
- F.F=116.36 = FINISH FLOOR ELEVATION
- — 1"W — — EXIST. 1" WATER LINE
- — 3"W — — EXIST. 3" WATER LINE
- — 4"W — — EXIST. 4" WATER LINE
- — 8"W — — EXIST. 8" WATER LINE
- — —4"SS— — EXIST. 4" SEWER SERVICE LINE
- — —8"SS— — EXIST. 8" SEWER SERVICE LINE
- — —15"D— — EXIST. 15" STORM DRAIN LINE
- —— OE —— EXIST. OVERHEAD ELECTRIC LINE
- —— FO —— EXIST. FIBER OPTIC CABLE LINE
- —— ATT —— EXIST. AT&T TELEPHONE LINE
- —— 2"G —— EXIST. 2" TEXAS GAS LINE
- —— GAS —— EXIST. TEXAS GAS LINE
- EXIST. WOOD FENCE
- EXIST. CHAIN LINK FENCE
- EXIST. ASPHALT PAVING
- EXIST. CONCRETE PAVING/SIDEWALK

PROJECT No.	220101
DATE:	JANUARY, 2022
DRAWN BY:	A. GAUNA
CHK. BY:	J.H.

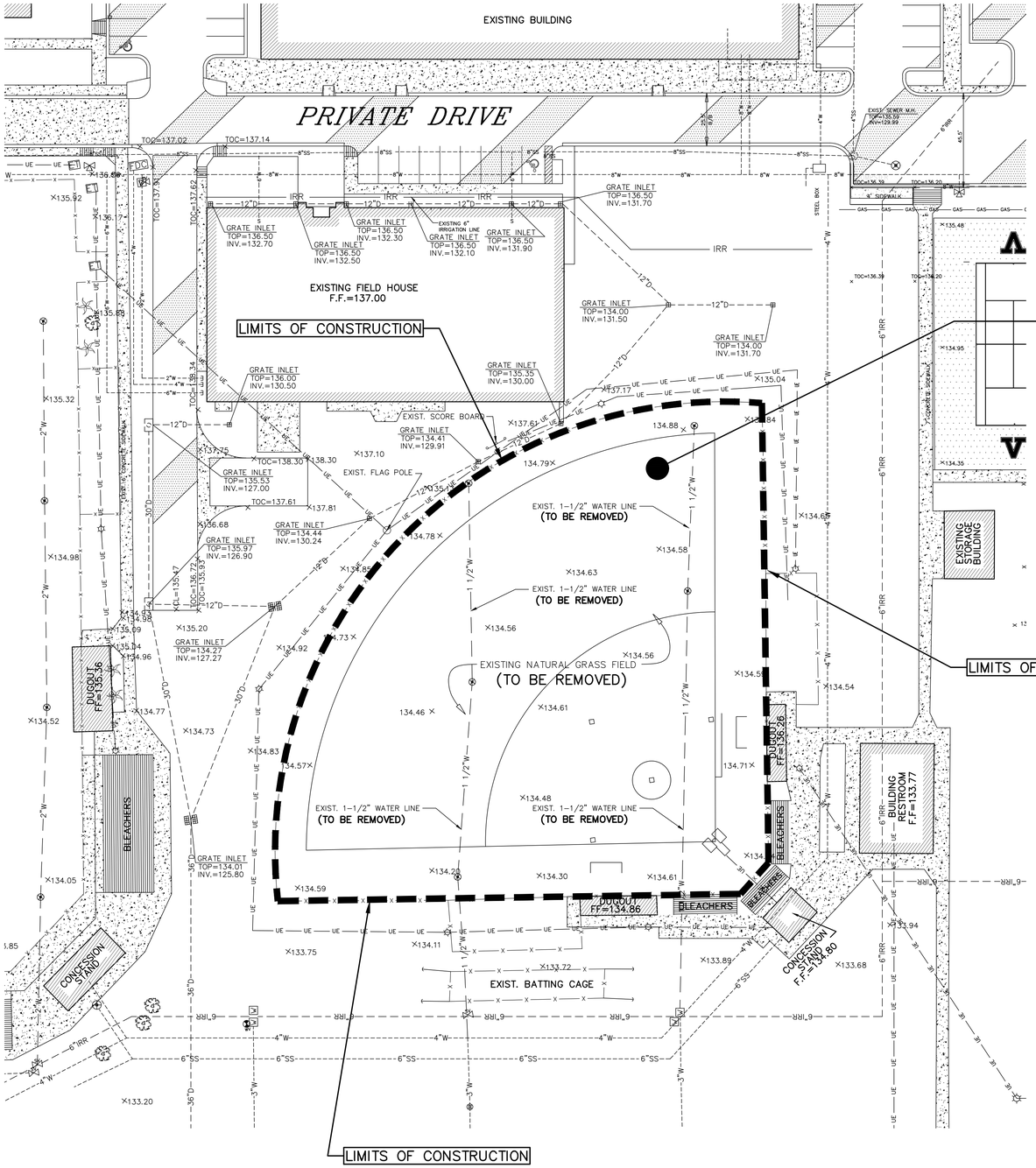
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EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
SYNTHETIC TURF BASEBALL
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MISSION VETERANS MEMORIAL HIGH SCHOOL SOFTBALL FIELD
MISSION, TEXAS

SHEET 20 of 27 sheets

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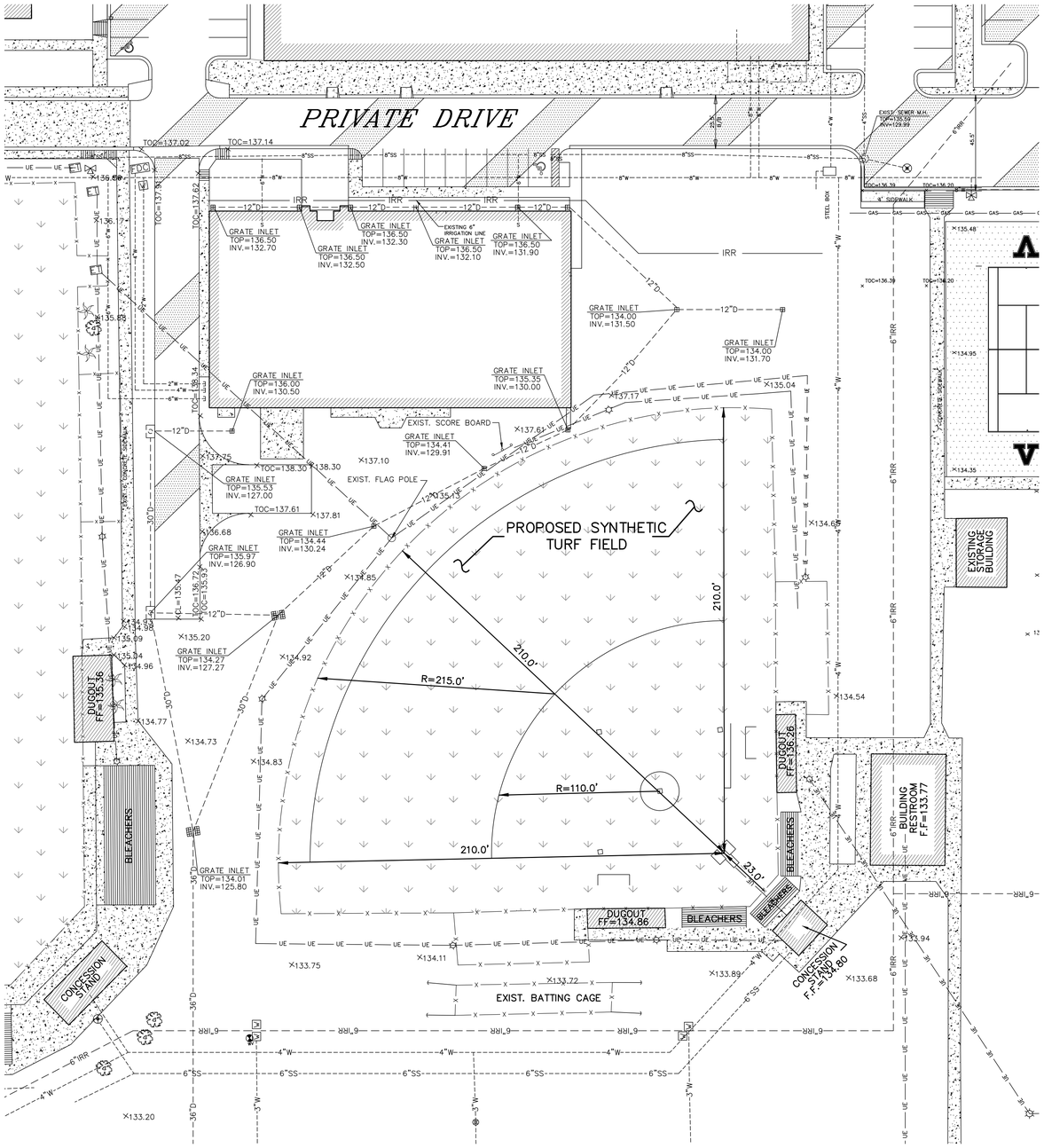
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PROPOSED DEMOLITION PLAN
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION VETERANS MEMORIAL HIGH SCHOOL SOFTBALL FIELD
MISSION, TEXAS

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SCALE: 1" = 30'

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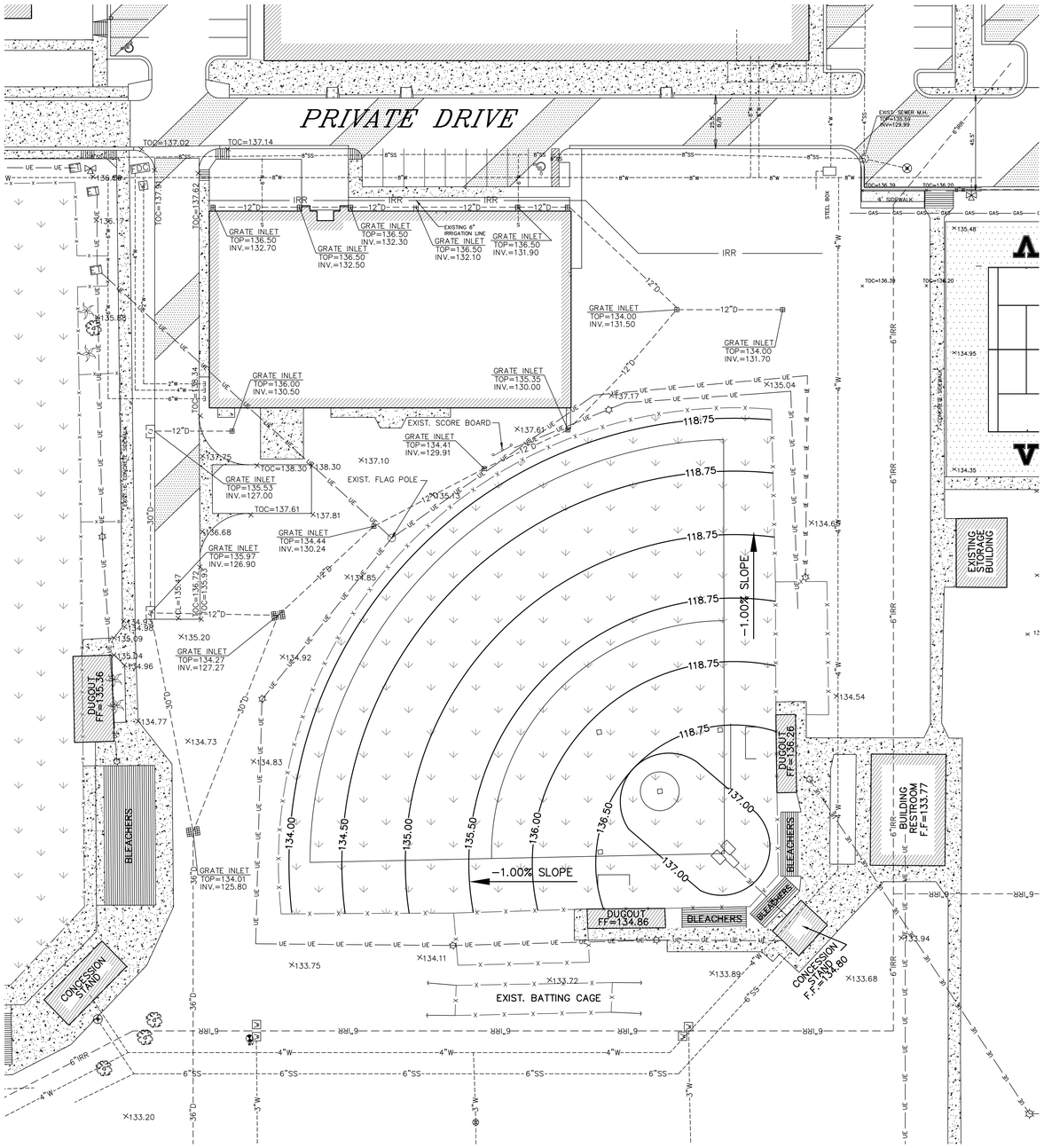
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SYNTHETIC TURF FIELD DIMENSION PLAN
SYNTHETIC TURF BASEBALL
AND SOFTBALL FIELD IMPROVEMENTS
MISSION VETERANS MEMORIAL HIGH SCHOOL SOFTBALL FIELD
MISSION, TEXAS

SHEET 22 of 27 sheets

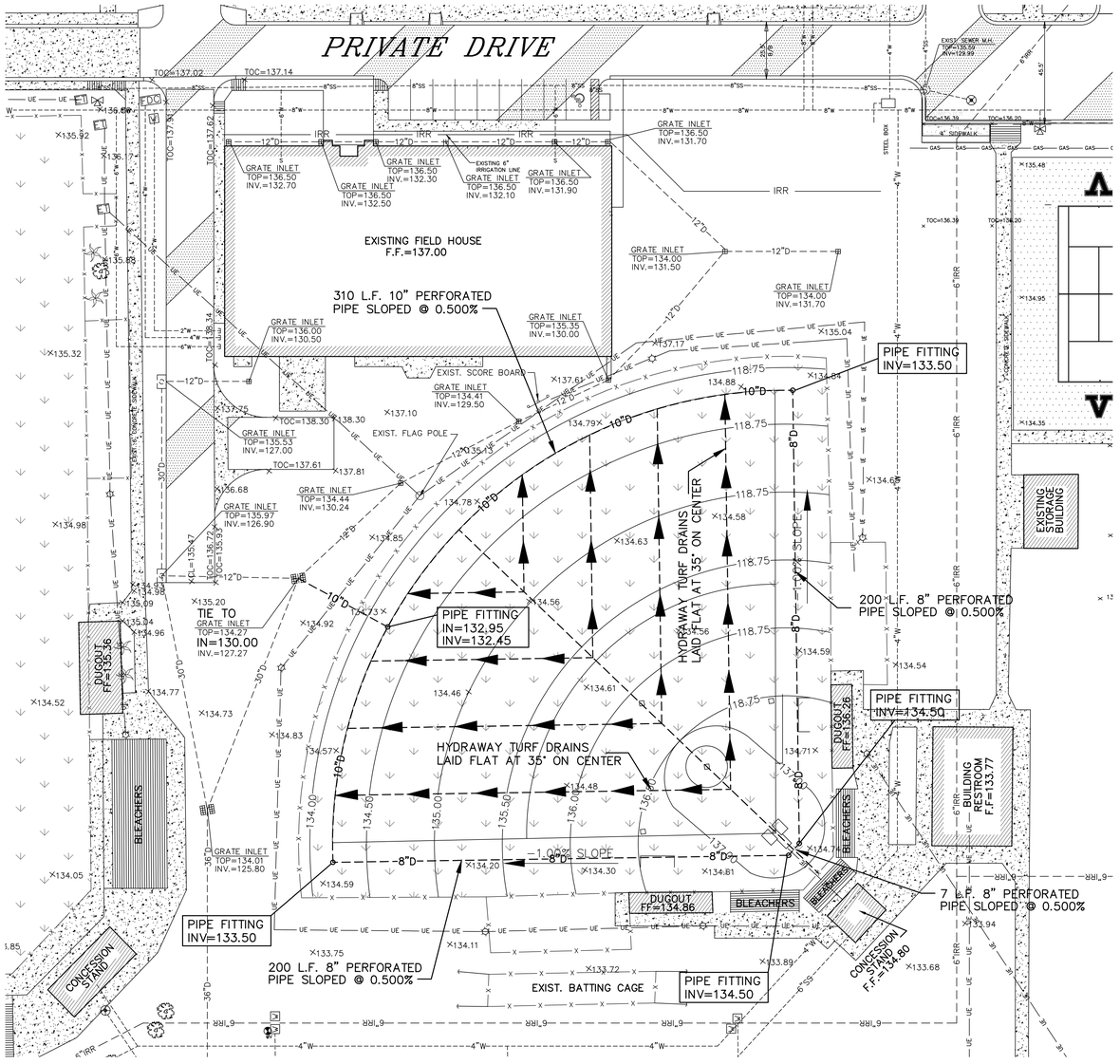
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	220101	JAVIER HINOJOSA ENGINEERING CONSULTING ENGINEERS 416 E. DOVE AVENUE McALLEN, TEXAS 78504 PHONE (956) 668-1588 javier@javierhinojosaeng.com TBPELS FIRM NUMBER F-1295	PROPOSED GRADING PLAN SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMENTS MISSION VETERANS MEMORIAL HIGH SCHOOL SOFTBALL FIELD MISSION, TEXAS	SHEET 23 of 27 sheets
	PROJECT No. JANUARY, 2022			
	DATE: A. GAUNA			
	DRAWN BY: J.H.			
	CHK. BY:			

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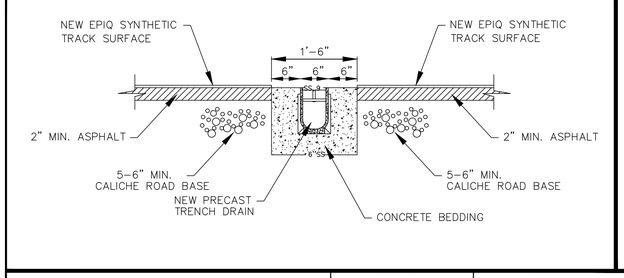
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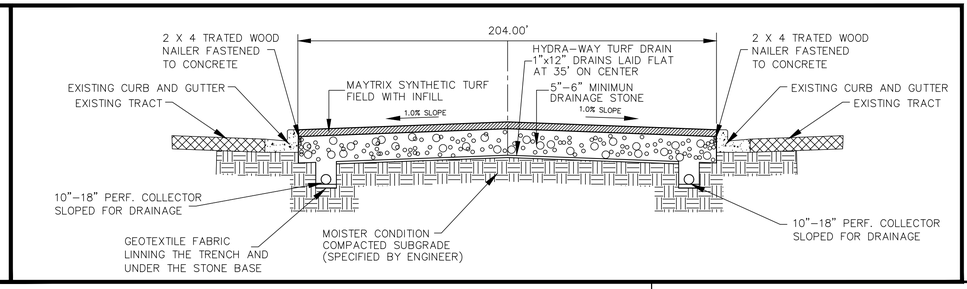


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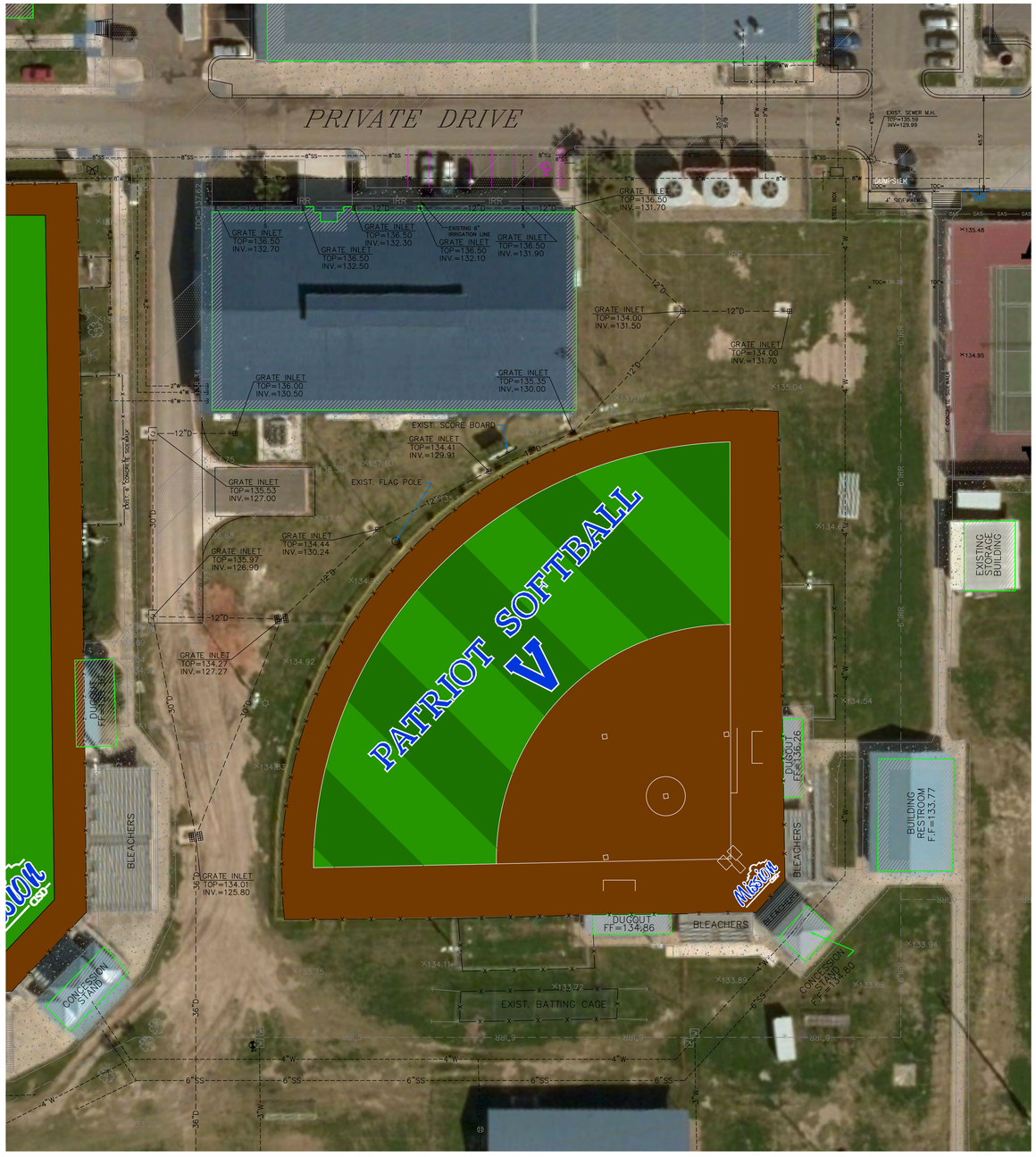
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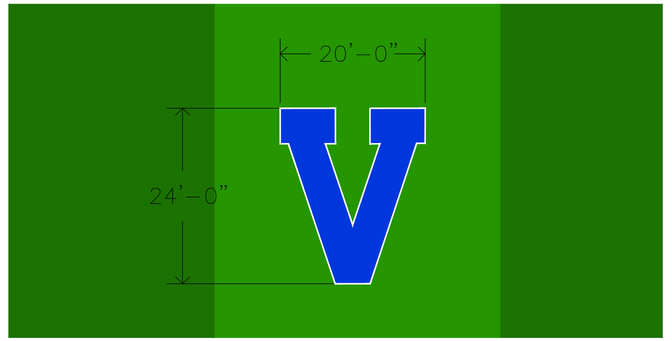
PROPOSED DRAINAGE PLAN
SYNTHETIC TURF BASEBALL
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MISSION VETERANS MEMORIAL HIGH SCHOOL SOFTBALL FIELD
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SCALE: 1" = 30'





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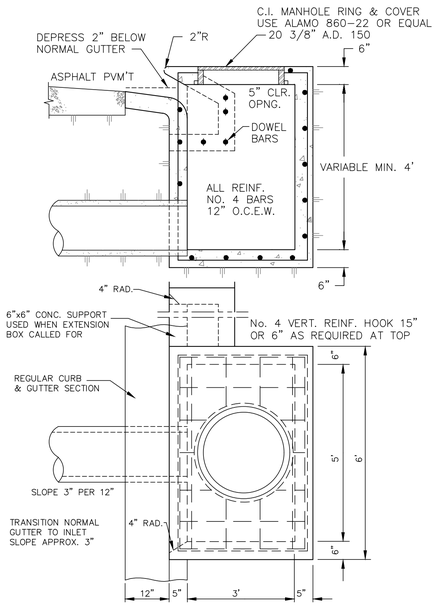
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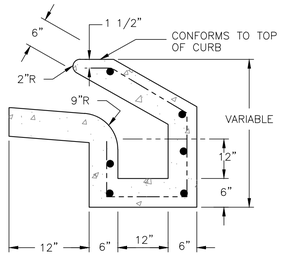
SHEET 25 of 27 sheets

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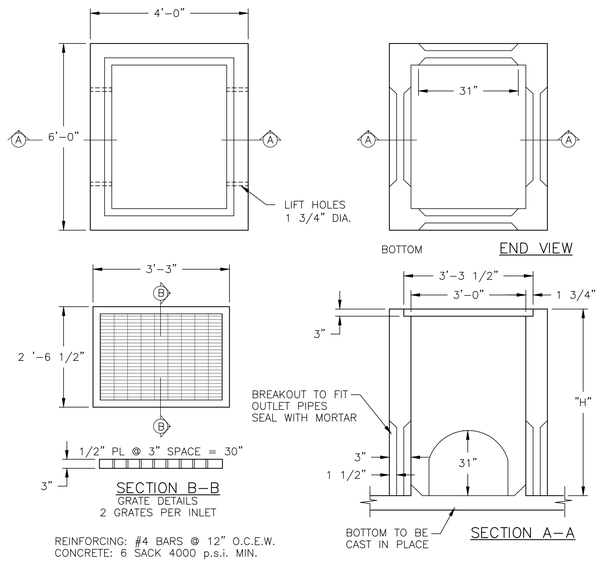


INLET EXTENSION



ALL STEEL TO BE NO. 4 BARS ON 12" SPACING IN BOTH DIRECTIONS.

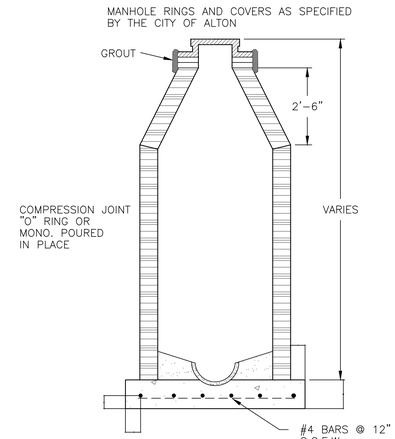
INLET EXTENSION



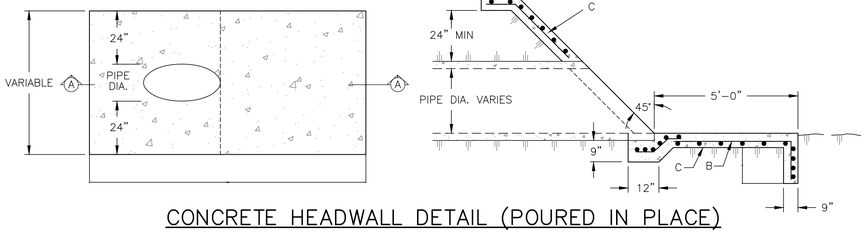
REINFORCING: #4 BARS @ 12" O.C.E.W.
CONCRETE: 6 SACK 4000 p.s.i. MIN.

"H" DIMENSION AVAILABLE IN 6" INCREMENTS FROM 3'-0" TO 7'-6", APPROXIMATE WEIGHT 1300# PER VERT. FOOT

GRATED INLET DETAILS



STD. MANHOLE



CONCRETE HEADWALL DETAIL (POURED IN PLACE)

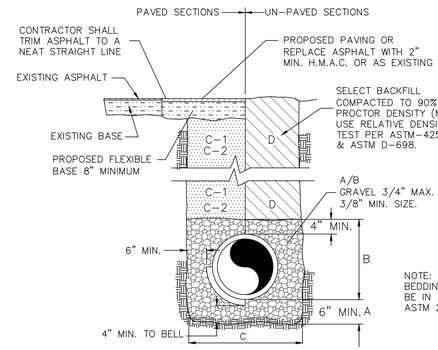
GENERAL NOTES:
1. CONCRETE TO HAVE 3000 p.s.i. AT MIN. 28 DAYS COMPRESSION STRENGTH.
2. ALL STEEL TO HAVE 4000 p.s.i. YIELD STRENGTH

CONSTRUCTION NOTES
A. DRAIN DITCH FLOW LINE
B. 6"X6" #6 WIRE MESH OR EQUAL LAPPED 6"
C. MIN. 3" COVER REQUIRED ON EVERY SIDE
D. MIN. 95% COMPACTION

LINNING THE TRENCH AND UNDER THE STONE BASE (SPECIFIED BY ENGINEER)

GENERAL NOTES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UNDERGROUND UTILITIES, WHETHER SHOWN OR NOT SHOWN ON THE DRAWINGS, SUFFICIENTLY IN ADVANCE OF OPERATIONS TO PRECLUDE DAMAGE TO SAME.
2. CONTRACTOR TO SAW CUT EXISTING ASPHALT PAVEMENT ALONG EDGES OF PROPOSED AGENCY SERVICING THE FACILITY.
3. IN THE EVENT OF DAMAGE TO UNDERGROUND FACILITIES, WHETHER SHOWN OR NOT SHOWN IN THE DRAWINGS, THE CONTRACTOR SHALL MAKE THE NECESSARY REPAIRS TO PLACE THE FACILITIES BACK IN SERVICE AT NO INCREASE IN THE CONTRACTOR'S PRICE AND ALL SUCH REPAIRS SHALL CONFORM TO THE REQUIREMENTS OF THE COMPANY OR
4. THE CONTRACTOR SHALL EXERCISE EXTRA CARE TO PREVENT DAMAGE TO ALL OTHER STRUCTURES IN THE AREA INCLUDING BUILDINGS, FENCES, ROADS, PIPELINES, UTILITIES, ETC., WHETHER PUBLICLY OR PRIVATELY OWNED.
5. UNTIL ACCEPTANCE BY THE ENGINEER OF ANY PART OR ALL OF THE CONSTRUCTION, AS PROVIDED FOR IN THE PLANS AND THESE SPECIFICATIONS, IT SHALL BE UNDER THE CHARGE AND CARE OF THE CONTRACTOR, AND HE SHALL TAKE EVERY NECESSARY PRECAUTION AGAINST INJURY OR DAMAGE TO ANY PART OF THE WORK. THE CONTRACTOR SHALL REBUILD, REPAIR, RESTORE AND MAKE GOOD, AT HIS OWN EXPENSE, ALL INJURIES OR DAMAGE TO ANY PORTION OF THE WORK BEFORE ITS COMPLETION AND ACCEPTANCE.
6. CONTRACTOR SHALL REPAIR ALL ASPHALT PAVEMENT AND CONCRETE CURB, GUTTER, SIDEWALK OR DRAINAGE STRUCTURES DAMAGED DURING CONSTRUCTION.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT FROM CITY OF McALLEN.
8. PROVIDE TEMPORARY GRAPHIC CONSTRUCTION SIGNS, DIRECTIONAL SIGNS AND ANY OTHER SIGNS THAT MAY BE REQUIRED.
9. PROPER SEDIMENT CONTROL DEVISES SHALL BE UTILIZED DURING CONSTRUCTION ON ALL DRAINAGE STRUCTURES. ALL GRATE INLETS SHALL HAVE FILTER FABRIC INLET PROTECTION TO PREVENT SOIL EROSION INTO THE DRAINAGE SYSTEM.
10. KEEP OPEN ACCESS AROUND PERIMETER OF SCHOOL SITE DURING CONSTRUCTION
11. ALL EXISTING UTILITIES SHOWN WITHIN THE SITE AREA AS PER McALLEN I.S.D. STAFF. THE LOCATIONS OF THE UNDERGROUND LINES ARE APPROXIMATE. THE SPOTTING OF THESE LINES SHALL BE COORDINATED WITH THE DISTRICT'S MAINTENANCE DEPARTMENT (MR. ,) FOR FIELD VERIFICATION.
12. THE CONTRACTOR SHALL APPLY FOR, PAY ALL ASSOCIATED COSTS AND OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AT NO ADDITIONAL COST TO THE OWNER ALL COSTS ASSOCIATED WITH ANY PROTECTION MEASURES THAT WILL BE REQUIRED BY THE CONSTRUCTION/ DEMOLITION ACTIVITIES TO SAFEGUARD THE HEALTH, SAFETY AND WELFARE OF THE PUBLIC.
14. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH MR. , PROJECT MANAGER FOR McALLEN I.S.D. (956- -) PRIOR TO START OF CONSTRUCTION.
15. ALL EXISTING WATER AND SEWER LINES DAMAGED DURING DEMOLITION OF BUILDINGS TO BE REPAIRED BY CONTRACTOR IN ORDER TO KEEP EXISTING BUILDINGS OPERATIONAL.
16. ALL CONSTRUCTION AREAS TO BE PROPERLY BARRICATED TO INSURE THE SAFETY OF THE STUDENTS AND STAFF (FACULTY) WITHIN THE CAMPUS. NO CONSTRUCTION SHALL BE ALLOWED PRIOR TO WORK ZONE BEING BARRICATED AND APPROVED BY THE SCHOOL DISTRICT.



A. GRAVEL BEDDING PLACED BEFORE PIPE IS LAID UP TO FLOW LINE OF PIPE (MIN. THICKNESS=6") - PIT RUN GRAVEL 3/4" MAX. SIZE.

B. GRAVEL PLACED AFTER PIPE IS LAID, FROM BOTTOM OF PIPE TO 4" ABOVE THE TOP OF PIPE. PIT RUN GRAVEL 3/4" MAX. SIZE.

C. TRENCH WIDTHS SHALL BE PIPE BELL O.D. + 12" OR IN ACCORDANCE WITH ASTM 2321 FOR PVC PIPE AND ASTM C12 (LATEST) FOR VITRIFIED CLAY PIPE.

C-1. (CITY STREETS, PARKING AREA, DRIVEWAYS) SELECT EXCAVATED BACK FILL COMPACTED TO 95% SPD, 8" LIFTS, MECHANICAL COMPACTION.

C-2. (STATE MAINTAINED ROADWAYS) COMPACTED SAND/CEMENT STABILIZED BACK FILL WITH 7 % PORTLAND CEMENT COMPACTED AS PER ASTM D-4253 AND ASTM D-698

D. SELECT EARTH BACK FILL COMPACTED TO 90% STD. PROCTOR DENSITY (12" LIFTS, MECHANICAL COMPACTION) FOUNDATION PREPARATION (WELLPOINTS, GRAVEL OR CEMENT STABILIZATION, OR APPROVED SUBSTITUTE) SHALL BE REQUIRED WHEN TRENCH BOTTOM IS

REQUIRED TO APPROXIMATE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO 95% STD. PROCTOR DENSITY (USE RELATIVE DENSITY TEST PER ASTM D-4253 & ASTM D-698). THE THICKNESS OF EACH LOOSE LAYER SHALL NOT EXCEED 6". STRUCTURE BACK FILL MATERIAL SHALL BE SAND, APPROVED SITE SOIL, OR OTHER APPROVED SUBSTITUTE.

STORM SEWER (LOW PRESSURE PIPE)

SCALE: N.T.S.

NOTE: SHOULD A CONFLICT BETWEEN THIS STANDARD AND THE RECOMMENDATION OF ANY GEOTECHNICAL REPORT ARISE, WRITTEN APPROVAL MUST BE RECEIVED BY CONTRACTOR FROM THE CITY OF McALLEN. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF EITHER.

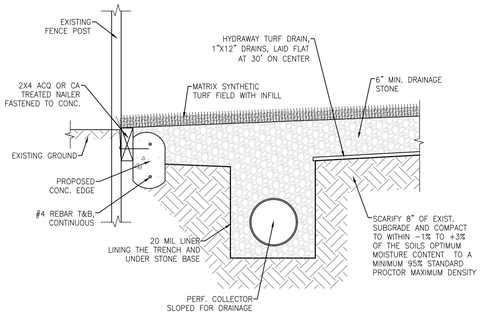
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javier@javierhinojosaeng.com
TBPELS FIRM NUMBER F-1295

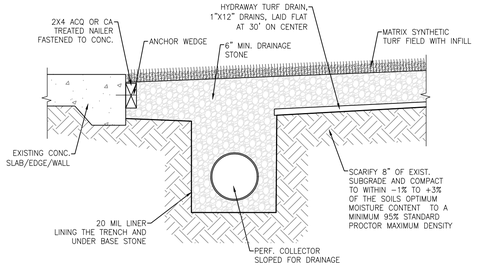
STANDARD STORM DRAINAGE DETAILS
MISSION C.I.S.D. - SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMETS
MISSION, TEXAS

SHEET 26 of 27 sheets

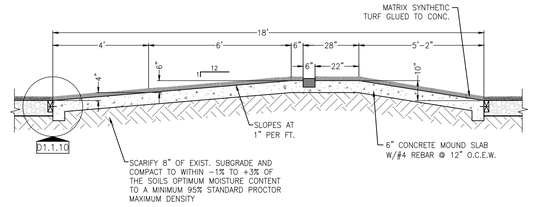
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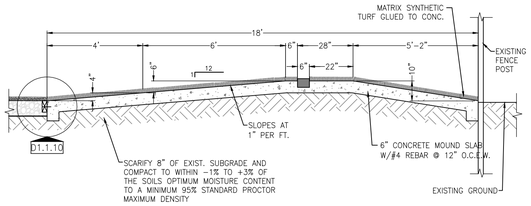
BB/SB EDGE DETAIL – TYPE I



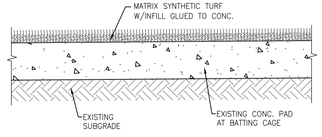
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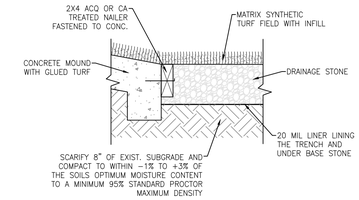
BB PITCHERS MOUND CROSS SECTION



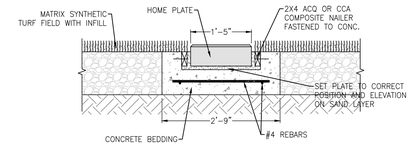
BB PITCHERS MOUND CROSS SECTION



BATTING CAGE TURF INSTALLATION DETAIL

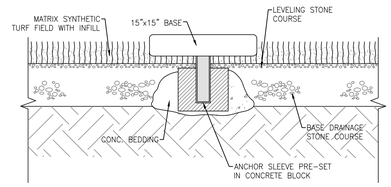


BB PITCHERS MOUND EDGE DETAIL

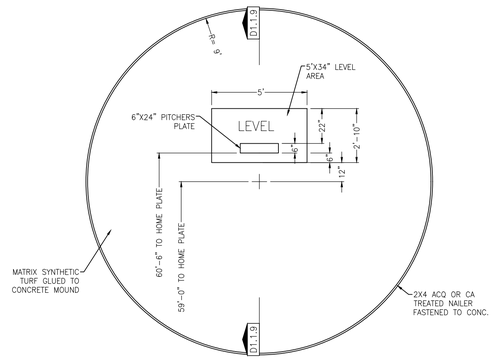


BB/SB HOME BASE DETAIL

NOTE:
INSTALL ANCHOR BASE PLUG WHEN 15"x15" BASE IS NOT IN USE



BB/SB BASE DETAIL



BB PITCHERS MOUND DETAIL

	220101	JAVIER HINOJOSA ENGINEERING CONSULTING ENGINEERS 416 E. DOVE AVENUE McALLEN, TEXAS 78504 PHONE (956) 668-1588 javier@javierhinojosaeng.com TBPELS FIRM NUMBER F-1295	STANDARD DETAILS MISSION C.I.S.D. – SYNTHETIC TURF BASEBALL AND SOFTBALL FIELD IMPROVEMETS MISSION, TEXAS	SHEET 27 of 27 sheets
	PROJECT No. JANUARY, 2022			
	DATE: J.H.			
	DRAWN BY: J.H.			
	CHK. BY:			

220101

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SUBJECT: Change Order #01 for the Deck Replacement for the Lee Field House Roofing Project – Raba Kistner

PRESENTER: Ricardo Rivera
Assistant Superintendent for Operations

BACKGROUND INFORMATION

Tom Landry Stadium was constructed and the Eagles played their first football game in 1977. The field house was constructed a few years later. In December of 2014 the new field house was completed, however, the new fieldhouse did not have adequate space and facilities to incorporate all the sports grade level teams. Due to this, Lee Field continues to be used for other MHS sports teams, however, much building renovations and improvements are needed primarily a new roof, new showers, new restroom facilities, new lockers and benches along with meeting rooms and may not be all inclusive. Lee Fieldhouse is also used for visiting teams and game officials along with being the fieldhouse for VMHS when they play home games.

Due to Hurricane Hanna on or about July 24, 2021 the roof structure was completely torn off causing extensive damage in the interior and exterior and the need for a new roof structure.

At the Regular Board of Trustees Meeting, held on May 12, 2021, the Board approved Raba Kistner's submission of schematic and final designs and submitted these for Administration and the Board of Trustees to review. Administration presented Consideration and Approval of Schematic and Final Roof Design for the Lee Field House Project.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

Advertisements in the local newspapers were posted on May 19, 2021 and May 26, 2021. A pre-proposal meeting was held on Thursday, May 27, 2021 with proposals publicly and remotely scheduled to be opened on June 3, 2021 at 2:00 p.m.. There were no proposals submitted and Administration extended the solicitation for an additional two weeks. A second pre-proposal meeting was held Thursday, June 17, 2021 and proposals were opened on Thursday, June 24, 2021 at 2:00 p.m.. Pre-ranking of the proposals were conducted by Ms. Dora Garcia, Mr. Joel Garcia, Mr. Adrian Hernandez and Ms. Daisy Cuevas on Wednesday, July 21, 2021 at 8:30 a.m..

Pre-ranking of proposals by Administration is a district process to pre-check if all requested documents and information in the Competitive Sealed Proposal (CSP) was submitted.

However, since the district no longer has a Facilities/Environment Committee and we now use the Board of Trustees Work Shop format, Administration presents the option of presenting Approval to Accept Administrations Rankings and Enter into Negotiations in the Order of Ranking for the Lee Field House Project.

Two proposals were submitted for this project.

Company, Base bid, Number of days, Total Points and Alternates

Rio Roofing - $444,400.00 – 180 days	Total Points	98.0
Alt.#1 $409,500.00		98.0
Alt.#2 $416,000.00		98.0
Alt.#2a $410,500.00		98.0
Alt.#3 $11,000.00 – 30 days		98.0
Rain Seal - $535,000.00 – 150 days	Total Points	81.1
Alt.#1a $470,000.00		82.5
Alt.#2 $484,000.00		82.1
Alt.#2a $440,000.00		84.7
Alt.#3 $45,000.00 – 30 days		60.6

Initial project negotiations were held on August 17, 2021, with Mr. Hichens, Rio Roofing, Mr. Ricardo Rivera and Mr. Adrian Hernandez. During the negotiations Rio Roofing presented as their Best and Final Offer (BAFO) $444,400.00 with no decrease in their initial proposal with 180 days of construction time from the notice to proceed (NTP).

The Board of Trustees has the option to accept this BAFO, the initial base proposal, to decline the offer and direct Administration to enter into negotiations with the next contractor or to reject all offers and re-advertise for the project using the same specifications and design or direct the engineer to re-design the project.

Raba Kistner recommends alternate #2, alternate #3 and the contingency allowance:

Alt. #2:	$416,000.00	108 days
Alt. #3:	$ 11,000.00	30 days
Contingency:	$ 20,000.00	
Total Project:	$447,000.00	

At the Regular Board meeting held on September 08, 2021, the Board approved Rio Roofing Best and Final Offer (BAFO) of $447,000.00 with 210 days. Notice to Proceed was effective October 25, 2021, with substantial completion will be May 23, 2022. On the request of MCISD the general contractor was asked if they could delay working on the project until after the Thanksgiving Holiday on or about November 29, 2021 due to the Mission Eagles being in the football playoffs and may need to use the facilities. It was agreed upon by all parties.

ADMINISTRATIVE CONSIDERATIONS

Raba Kistner and Rio Roofing presents, Change Order #01 for the Deck Replacement and additional 45 delay days for the Lee Field House Roofing Project – Raba Kistner. If approved it will be deducted from owner's contingency allowance and the new substantial completion will be July 8, 2022. Large portions of the existing metal deck were found deteriorated during construction, thus the recommended change order.

Contingency Allowance: $20,000.00
Change Order #1 Roof: $76,500.00

Contingency Balance: ($56,500,00)

FUNDING SOURCE
Local Funds

Estimated Budget $300,000.00

RECOMMENDATION
Administration presents Change Order #01 for the Deck Replacement for the Lee Field House Roofing Project – Raba Kistner

EXHIBIT
Change Order (CO) #01

CONTACT PERSONS
Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

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Change Order

PROJECT: *(Name and address)*	CONTRACT INFORMATION:	CHANGE ORDER INFORMATION:
Lee Field House Reroofing & Repair Main Field House Roof 1802 Cleo Dawson, Mission, Texas, 78572	Contract For: General Construction Date: 09/20/2021	Change Order Number: 01 Date: 01/24/2022
OWNER: *(Name and address)*	**ARCHITECT:** *(Name and address)*	**CONTRACTOR:** *(Name and address)*
Mission Consolidated School District 1201 Bryce Drive, Mission, Texas, 78572	Raba Kistner, Inc. 1600 N. Jackson Rd., Suite #3 Pharr, Texas, 78577	Rio Roofing, Inc. 22452 US 77 Expressway Harlingen, Texas 78552

THE CONTRACT IS CHANGED AS FOLLOWS:
(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

The Scope of Work will be increased, to replace 7,300 SF of the deteriorated metal deck. (Re.: Proposal Request No. 001, Items 1 thru 4, included as Attachment A to this Change Order) and Contractor Proposal (dated January 24, 2022 and included as Attachment B to this Change Order).

This Change Order will utilize all of the available Contingency Allowance of $20,000.00 and result in a net increase of the Contract amount by $56,500.00 to $503,500 and will add 45 days to the Contract as follows:

Item 1 (Credit) -	($ 2,230.00)	Delete plywood fastening at Roof Area A2 and North portion of Roof Area A.
Item 2 (Credit) -	($ 1,400.00)	Delete new steel angle at Detail 5/D3.
Item 3 (Credit) -	($ 2,270.00)	Delete new fascia wood blocking at Roof Edges.
Item 4 (Add)	$ 82,400.00	Remove deteriorated deck & replace with new 22ga. 1.5B-deck (Approx 7,300 sf)
Total Add & Credits	$ 76,500.00	
Available Betterment Fund	($ 20,000.00)	
Total Change Order No. 1	$ 56,500.00	
Total Additional Days	45	

The current Substantial Completion Date is May 23rd, 2022. Forty-five (45) days will be added to this Project to complete work. The new Substantial Completion Date will be July 8th, 2022.

The original Contract Sum was	$	447,000.00
The net change by previously authorized Change Orders	$	0.00
The Contract Sum prior to this Change Order was	$	447,000.00
The Contract Sum will be increased by this Change Order in the amount of	$	56,500.00
The new Contract Sum including this Change Order will be	$	503,500.00

The Contract Time will be increased by forty-five (45) days.
The new date of Substantial Completion will be July 8th, 2022

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

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User Notes: (3B9ADA4C)

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Raba Kistner	Rio Roofing, Inc.	Mission Consolidated School District
ARCHITECT *(Firm name)*	**CONTRACTOR** *(Firm name)*	**OWNER** *(Firm name)*
SIGNATURE	**SIGNATURE**	**SIGNATURE**
Michael D. Hovar, AIA, RRO, LEED AP	Hedley Hichens	
PRINTED NAME AND TITLE	**PRINTED NAME AND TITLE**	**PRINTED NAME AND TITLE**
01/24/2022	01/24/2022	
DATE	**DATE**	**DATE**

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Attachment A

Proposal Request Issued by Architect

AIA® Document G709™ – 2018

Proposal Request

PROJECT: *(name and address)*	**CONTRACT INFORMATION:**	Architect's Project Number: AMB21-005-00
Lee Field House Reroofing & Repair Main Field House Roof 1802 Cleo Dawson, Mission, Texas, 78572	Contract For: General Construction Date: 09/20/2021	Proposal Request Number: 01 Proposal Request Date: 01/19/2022
OWNER: *(name and address)* Mission Consolidated School District 1201 Bryce Drive, Mission, Texas, 78572	**ARCHITECT:** *(name and address)* Raba Kistner, Inc. 1600 N. Jackson Rd., Suite #3 Pharr, Texas, 78577	**CONTRACTOR:** *(name and address)* Rio Roofing, Inc. 22452 US 77 Expressway Harlingen, Texas 78552

The Owner requests an itemized proposal for changes to the Contract Sum and Contract Time for proposed modifications to the Contract Documents described herein. The Contractor shall submit this proposal within Ten (10) days or notify the Architect in writing of the anticipated date of submission.
(Insert a detailed description of the proposed modifications to the Contract Documents and, if applicable, attach or reference specific exhibits.)

Large portions of the existing metal deck were found deteriorated during construction. In order to facilitate the Owners right to accept or reject any or all of the items for which proposals are being requested, the Contractor shall prepare a complete, itemized breakdown for each Proposal Item that includes the individual cost of:

a) Materials (additions and deductions)
b) Labor (additions and deductions)
c) Time (additions and deductions)

for each individual proposal item listed below.

Item 1 (Credit to Owner) - Delete fastening the plywood cover board to the metal deck at Roof Areas A2 and north portion or (former) Roof Area A (This section of roof is now designated as Roof Area A3, while the south portion of Roof Area A is maintained with original scope of work).

Item 2 (Credit to Owner) - Delete new steel angle at Detail 5/D3 (Install as per Revised Detail 5R/D3)

Item 3 (Credit to Owner) - Delete new fascia wood blocking at Details 1/D1, 2/D1, 3/D2, 4/D2, 5/D3, 6/D3 & 7/D4 (install as per Revised Details 1R/D1, 2R/D1, 3R/D2, 4R/D2, 5R/D3, 6R/D3 & 7R/D4).

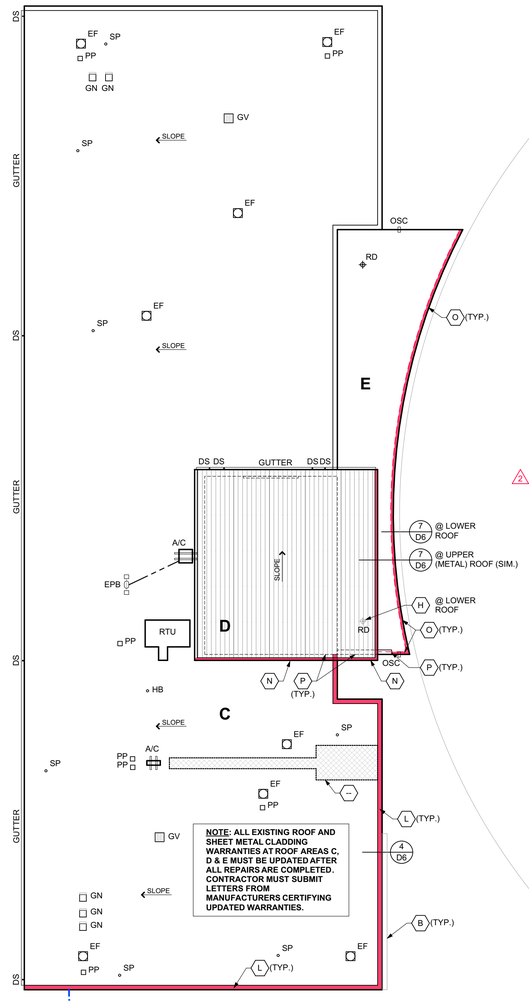
Item 4 - Deck Replacement and Perimeter Detail Modification (Roof Deck Condition 1) - Remove deteriorated metal decking over Roof Areas A2 and A3 (indicated as hatched areas in Revised Roof Plan) and install new metal decking. Refer to Attached Revised drawing Sheets R1R, D1R, D2R, D3R, D4R, D5R, D6R, D7R for scope and detailing.

THIS IS NOT A CHANGE ORDER, A CONSTRUCTION CHANGE DIRECTIVE, OR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED IN THE PROPOSED MODIFICATIONS.

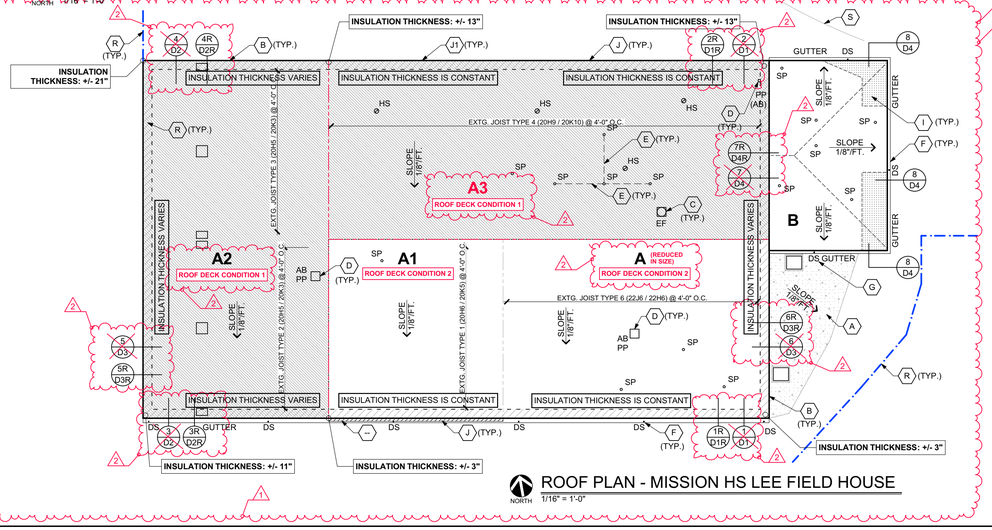
REQUESTED BY THE ARCHITECT:

Michael D. Hovar, AIA, LEED AP,
RRO
PRINTED NAME AND TITLE

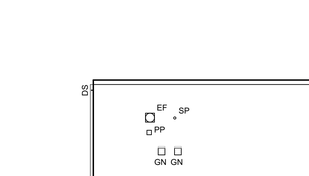
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User Notes: (3B9ADA4E)



ROOF PLAN - MISSION HS MAIN FIELD HOUSE
NORTH 1/16" = 1'-0"



ROOF PLAN - MISSION HS LEE FIELD HOUSE
NORTH 1/16" = 1'-0"



KEY PLAN
N.T.S.

LEGEND

	BASE BID	
	REPAIRS AS NOTED	

LEGEND

AB	AN ABANDONED FIXTURE	DETAIL 7/D5
PS	PENETRATION SEAL	DETAIL 2/D5
SP	SOIL PIPE (MOD. BIT.)	DETAIL 1/D5
HS	HOT STACK (MOD. BIT.)	DETAIL 10/D5
EF	EXHAUST FAN / G. VENT	DETAILS 8 & 12/D5
WMLF	WALL-MOUNT LIGHT FIXT.	KEYED NOTE B
DS	DOWNSPOUT	DETAILS SHEET D6
PP	PITCH PAN	DETAIL 6/D5
	INDICATES OVERHANGS AND OTHER SEMI-COVERED AREAS	
	REPAIRS & SELECTIVE REPLACEMENTS AS NOTED	
A/C	A/C, OR CONDENS. UNIT	

REVISED SCOPE OF WORK
(FOR PROPOSAL REQUEST 001)

REMOVE DETERIORATED DECK FROM HATCHED AREAS AND INSTALL NEW DECK AS DETAILED AND SPECIFIED.

ROOF AREA A (NO MODIFICATION BUT HAS BEEN REDUCED SIZE FOR PROPOSAL REQUEST 001) AND

ROOF AREA A1 (NO MODIFICATION)
- 2-PLY GRANULE SURFACED MODIFIED BITUMEN MEMBRANE SYSTEM INSTALLED BY TORCH APPLICATION (OVER)
- VENTED BASE SHEET (TORCHED OVER HEAT-ACTIVATED PELLET SURFACING)
- INSULATED LIGHTWEIGHT CONCRETE TOPPING (MIN. COVER OF LT. WT. CONC. IS 2", WITH A STARTING INSULATION THICKNESS OF 1" AT THE LOW-SIDE EAVES, STEPPED UP TO 11" AT THE HIGH SIDE EAVES (OVER)
- SELF-ADHERED MOD. BIT. MEMBRANE (OVER)
- 5/8" EXISTING PLYWOOD (FASTEN MECHANICALLY THRU EXTG. 2x4 SLEEPERS & INSULATION TO TO METAL DECK - OVER)
- 1.5" EXISTING CLOSED CELL, HIGH DENSITY SPRAY FOAM INSULATION (SPF - OVER)
- 1" EXISTING POLYISO BD.
- EXISTING METAL DECK

ROOF AREA A2 & (NEW) ROOF AREA A3
- 2-PLY GRANULE SURFACED MODIFIED BITUMEN MEMBRANE SYSTEM INSTALLED BY TORCH APPLICATION (OVER)
- VENTED BASE SHEET (MECHANICALLY FASTENED TO)
- INSULATED LIGHTWEIGHT CONCRETE TOPPING (MIN. COVER OF LT. WT. CONC. IS 2", WITH A MINIMUM STARTING INSULATION THICKNESS OF 1" AT THE SOUTHEAST CORNER, STEPPED UP TO 11" AT THE NORTHEAST CORNER AND 5 INCHES AT THE SOUTHWEST CORNER, STEPPED UP TO 15 INCHES AT THE NORTHWEST CORNER (OVER)
- SELF-ADHERED MOD. BIT. MEMBRANE (OVER)
- 1/2" COVER BOARD (FASTEN MECHANICALLY FASTENED TO METAL DECK - OVER)
- 1.5-B METAL DECK (MECHANICALLY FASTENED TO STEEL FRAMING)
- EXISTING STEEL FRAMING (OPEN-WEB JOISTS)

ROOF AREA B (NO MODIFICATION)
- 2-PLY GRANULE SURFACED MODIFIED BITUMEN MEMBRANE SYSTEM INSTALLED BY TORCH APPLICATION (OVER)
- VENTED BASE SHEET (TORCHED OVER HEAT-ACTIVATED PELLET SURFACING)
- INSULATED LIGHTWEIGHT CONCRETE TOPPING (MIN. COVER OF LT. WT. CONC. IS 2", WITH A STARTING INSULATION THICKNESS OF 1" AT THE LOW SIDE EAVES, STEPPED UP TO 2.5" AT THE RIDGE (OVER)
- SELF-ADHERED MOD. BIT. MEMBRANE (OVER)
- EXISTING T&G WOOD DECK

ROOF AREAS C, D & E (NO MODIFICATION)
- REPAIRS AS NOTED

ALTERNATE - 3 (NO MODIFICATION)

GENERAL NOTES

1 THE CONTACTOR SHALL VISIT THE EXISTING SITE FOR THE PURPOSE OF DETERMINING THE EXTENT OF SITE ACCESSIBILITY AND DEMOLITION PRIOR TO SUMBITTING A PROPOSAL.

2 THE CONTRACTOR SHALL PROTECT THE FACILITY DURING DEMOLITION. FACILITY SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION WORK.

3 THE CONTRACTOR SHALL PROTECT THE BUILDING OCCUPANTS AT ALL TIMES DURING THE COURSE OF THE CONSTRUCTION.

4 THE CONTRACTOR SHALL NOT CUT OR SPLICE CONTROL LINES. ALL LINES SHALL REMAININ SERVICE FOR THE COMPLETE DURATION OF THE PROJECT.

5 THE CONTRACTOR SHALL PROVIDE ROOF PROTECTION AT MATERIAL LOADING/STORAGE.

6 CONTRACTOR SHALL COMPLY WITH OWNERS SECURITY CLEARANCES AND BADGING PROCEDURES FOR ALL CONTRACTOR AND SUBCONTRACTOR PERSONNEL AT THE PROJECT SITE.

7 ALL DIMENSIONS SHOWN SHALL BE FIELD VERIFIED BY THE CONTRACTOR.

8 INSTALL PROTECTION PADS AT THE SERVICE SIDE OF ALL MECHANICAL EQUIPMENT AND AT LADDER AND ROOF HATCH LANDINGS.

9 ALL ACCESS DOORS AND LADDERS SHALL BE SECURED WHEN NOT IN USE..

10 PROVIDE CRICKETS ON THE HIGH SIDE OF ALL CURBS 24" OR GREATER WIDE TO DIVERT ROOF DRAINAGE TO DISCHARGE AREAS (SCUPPERS, ROOF DRAINS, ETC.). AT EQUIPMENT SUPPORT CURBS, PROVIDE CRICKETS ON HIGH SIDE OF CURB.

11 SUMP ALL ROOF DRAINS AND PRIMARY DRAINAGE SCUPPERS AS DETAILED AND SPECIFIED.

12 PROVIDE 4" LAP JOINTS FOR ALL SHEET METAL FLASHING RECEIVERS.

13 FLASH ALL ROUND ROOF PENETRATIONS AS DETAILED UNLESS OTHERWISE NOTED.

14 PROVIDE CURBS FOR ALL VENTILATORS WITH A DECK OPENING OF 12-INCHES OR GREATER.

15 RAISE ALL ROOF MOUNTED APPURTENANCES, EQUIPMENT, PIPING, ETC. TO 8-INCH MINIMUM HEIGHT ABOVE TOP OF ROOF MEMBRANE OR AS REQUIRED TO PROVIDE CLEARANCES AS RECOMMENDED BY NRCA STANDARDS.

16 PROVIDE TRAFFIC PADS AT ALL LADDERS, CROSS-OVER PLATFORMS AND ROOF HATCHES AND AT THE SERVICE SIDES OF ALL ROOF TOP EQUIPMENT.

17 VERIFY ROOF DRAIN PIPING AND DRAIN COMPONENTS ARE SEALED AND NOT RESTRICTED. REPLACE ALL DAMAGED DRAIN COMPONENTS (BOWLS, STRAINERS, CLAMPING RINGS, ETC.). ALL ROOF DRAIN STRAINERS MUST BE METAL (PLASTIC STRAINERS ARE NOT ACCEPTABLE).

18 DO NOT INSTALL COLLECTOR BOXES & DOWNSPOUTS OVER CONTROL JOINTS, WALL OPENINGS, HANDICAPPED RAMPS OR ANY WALL-MOUNT DEVICE.

19 INSTALL ROLLER SUPPORTS UNDER ALL ELECTRICAL CONDUIT, GAS, WATER A/C AND DRAINAGE LINES NOT SUSPENDED FROM PIPE HANGERS.

20 PROVIDE GUTTER EXPANSION JOINTS AT MAXIMUM 50-FEET O.C. WITH MINIMUM ONE DOWNSPOUT IN EACH GUTTER SECTION. CONNECT DOWNSPOUTS TO HEAVY STEEL BOOTS AS DETAILED, WITH 45-DEGREE FLANGE TO DISCHARGE ONTO PRECAST SPLASH BLOCK. WHERE DOWNSPOUTS EMPTY ONTO THE ROOF SURFACE, INSTALL NEW 22 GA. GALVANIZED SPLASH PANS WITH BAFFLE.

21 ALL PLUMBING, GAS, ELECTRICAL & MECHANICAL LINES MUST BE RAISED TO A MIN. 8-INCH FLASHING HEIGHT & SUPPORT WITH ADJUSTABLE PIPE SUPPORTS.

22 ALL ROOFTOP APPURTENANCES, EQUIPMENT, PIPING, ETC. SHALL BE ATTACHED IN A MANNER TO PROVIDE CODE REQUIRED WIND RESISTANCE AS CALCULATED BY ASCE-7.

23 TIE-DOWN STRAPS (12 GA.) PROVIDE SPACING & ATTACHMENT OF TIE-DOWN STRAPS @ EACH MECHANICAL UNIT AS CALCULATED BY ASCE-12. FASTEN TO EQUIPMENT HOUSINGS AS PER EQUIPMENT'S MANUFACTURERS SO AS NOT TO DAMAGE EQUIPMENT OR VOID THEIR WARRANTIES

KEYED NOTES:

A IF OWNER ACCEPTS ALTERNATE 3, INSTALL 4" CONCRETE SLAB WITH 6x6 WWF OVER PREPARED SUBBASE WITH CONTROL JOINTS AT DESIGNATED AREA (SE PORTION OF FH). DISCONNECT & RAISE A/C EQUIPMENT AS NEEDED. SLOPE SLAB AWAY FROM BUILDING. (NO SPLASHBLOCK WILL BE NEEDED OVER ADJACENT DOWNSPOUT @ ROOF AREA B).

B PROTECT ALL EIFS MOULDINGS AS WELL AS ALL WALL-MOUNT EQUIPMENT & FIXTURES DURING CONSTRUCTION. COORDINATE W/OWNER IF IT BECOMES NECESSARY TO TEMPORARILY REMOVE AND REINSTALL ANY FIXTURE TO AVOID CONFLICTS W/ SCHOOL'S ACTIVITIES.

C RAISE THE CURBS OF ALL EXTG. MECHANICAL UNITS (EXHAUST FANS & GRAVITY VENTS) & FLASH AS PER DETAILS 8 & 12/D5.

D CONFIRM THE ABANDONED STATUS OF ALL DETERIORATED MEP EQUIPMENT & FIXTURES W/ OWNER & REMOVE ABANDONED FIXTURES AS PER OWNERS INSTRUCTIONS. REPAIR DECK AS PER DETAIL 7/D5.

E REMOVE EXTG. PVC PIPING BETWEEN SOIL PIPES & VENTS AND EXTEND & FLASH ALL PENETRATIONS AS PER THEIR CORRESPONDING KEYED DETAILS.

F ALL DOWNSPOUTS DISCHARGING AT GROUND LEVEL MUST BE TERMINATED WITH HEAVY STEEL BOOTS, AS PER DETAIL 2/D6.

G INSTALL CONCRETE SPLASH BLOCK AT THE DOWNSPOUT LOCATED SOUTH OF ROOF AREA B AS PER DETAIL 11/D5 (NOT REQUIRED IF OWNER ACCEPTS ALTERNATE 3).

H MARKED ROOF DRAIN IS LOCATED AT ROOF AREA E (BELOW)

I HATCHED AREAS INDICATE EXISTING BUILDING PORTIONS THAT ARE SEMI-COVERED.

J REROUTE ALL ELECTRICAL & A/V CONDUITS LOCATED BELOW THE ROOF EDGE TO ACCOMODATE NEW ROOF EDGES AND WALL PANELS.

J1 FLASH ELECTRICAL WALL PENETRATION AS PER DETAIL 5/D6 TO ACCOMODATE NEW WALL PANELS.

J2 REMOVE ADDITIONAL WOOD BLOCKS @ ROOF EDGES AND ONLY INSTALL AS DETAILED

K [NOT USED].

L REPLACE METAL COPING AT ROOF AREA C AS PER DETAIL 4/D6 (HATCHED PORTIONS, ONLY)

M REPLACE ROOF EDGE, WALL PANELS & LOWER TRIM OVER THE EAST EDGE (RAKE) OF ROOF AREA D.

N REPLACE ROOF EDGE TRIM, SIDING METAL PANELS & LOWER TRIM OVER THE SOUTH & EAST ROOF EDGES & WALLS OF ROOF AREA D AS PER DETAIL 7/D6 (SIM.). CONSULT W/ ARCHITECT DURING DEMOLITION TO ASSESS EXTEND OF DAMAGE BEHIND METAL CLADDING.

O REPLACE ROOF EDGE TRIM, SIDING METAL PANELS & LOWER TRIM OVER THE SOUTH & EAST ROOF EDGES & WALLS OF ROOF AREA E AS PER DETAIL 7/D6.

P APPLY A NEW REINFORCED TOP COATING OVER THE SOUTH WALL BETWEEN ROOF AREAS D & E (SOUTH AND EAST-FACING SIDES).

Q APPROXIMATE LOCATION OF CHAIN-LINK FENCE

R FILL PATTERN INDICATES APPROXIMATE LOCATION OF WIRE REINFORCING AT PERIMETER (24" MIN. FROM ROOF EDGE)

S APPROXIMATE EDGE/LOCATION OF RUNNING TRACK @ ATHLETIC

EXISTING ROOF CONSTRUCTION

ROOF AREA A & A2
- SINGLE PLY ROOF (TEMPORARY ROOF)
- MODIFIED BITUMEN CAP SHEET W/ GRANULAR SURFACING - (OVER)
- BASE SHEET - (MECHANICALLY FASTENED - OVER)
- 5/8" PLYWOOD (OVER)
- 2x4 SLEEPERS @ 24" O.C. (OVER)
- 3" SPRAY FOAM INSULATION (OVER)
- METAL DECK

ROOF AREA A1
- SINGLE PLY ROOF (TEMPORARY ROOF)
- MODIFIED BITUMEN CAP SHEET W/ GRANULAR SURFACING - (OVER)
- BASE SHEET - (MECHANICALLY FASTENED - OVER)
- 5/8" PLYWOOD (OVER)
- 2x4 SLEEPERS @ 24" O.C. (OVER)
- 1.5" SPRAY FOAM INSULATION (OVER)
- FLOOD COAT & GRAVEL (SPUDDED)
- 1" POLYISO BD.
- METAL DECK

ROOF AREA B
- METAL ROOF SYSTEM (R-PANEL, MECHANICALLY FASTENED - OVER)
- WOOD FRAMING
- T&G WOOD DECK

ROOF AREA C
- SINGLE PLY-ROOF - (OVER)
- POLYISO BD.
- METAL DECK

ROOF AREA D
- BATTEN METAL STANDING SEAM ROOF SYSTEM (12" PANEL WIDTH - OVER)
- POLYISO BD.
- METAL DECK

ROOF AREA E
- SINGLE PLY-ROOF - (OVER)
- POLYISO BD.
- METAL DECK

SCOPE OF WORK

BASE BID
INSTALL THE SPECIFIED PRODUCTS AND SYSTEMS OVER THE EXISTING DECKS AT THE FOLLOWING AREAS:

ROOF AREA A (REDUCED)
- 2-PLY GRANULE SURFACED MODIFIED BITUMEN MEMBRANE SYSTEM INSTALLED BY TORCH APPLICATION (OVER)
- VENTED BASE SHEET (MECHANICALLY FASTENED TO)
- INSULATED LIGHTWEIGHT CONCRETE TOPPING (MIN. COVER OF LT. WT. CONC. IS 2", WITH A STARTING INSULATION THICKNESS OF 1" AT THE LOW-SIDE EAVES, STEPPED UP TO 11" AT THE HIGH SIDE EAVES (OVER)
- SELF-ADHERED MOD. BIT. MEMBRANE (OVER)
- 5/8" EXISTING PLYWOOD (FASTEN MECHANICALLY THRU EXTG. 2x4 SLEEPERS & INSULATION TO METAL DECK - OVER)
- 3" EXISTING CLOSED CELL, HIGH DENSITY SPRAY FOAM INSULATION (SPF - OVER)
- EXISTING METAL DECK

ROOF AREA A1
- 2-PLY GRANULE SURFACED MODIFIED BITUMEN MEMBRANE SYSTEM INSTALLED BY TORCH APPLICATION (OVER)
- VENTED BASE SHEET (MECHANICALLY FASTENED TO)
- INSULATED LIGHTWEIGHT CONCRETE TOPPING (MIN. COVER OF LT. WT. CONC. IS 2", WITH A STARTING INSULATION THICKNESS OF 1" AT THE LOW-SIDE EAVES, STEPPED UP TO 11" AT THE HIGH SIDE EAVES (OVER)
- SELF-ADHERED MOD. BIT. MEMBRANE (OVER)
- 5/8" EXISTING PLYWOOD (FASTEN MECHANICALLY THRU EXTG. 2x4 SLEEPERS & INSULATION TO METAL DECK - OVER)
- 1.5" EXISTING CLOSED CELL, HIGH DENSITY SPRAY FOAM INSULATION (SPF - OVER)
- 1" EXISTING POLYISO BD.
- EXISTING METAL DECK

ROOF AREA A2
- 2-PLY GRANULE SURFACED MODIFIED BITUMEN MEMBRANE SYSTEM INSTALLED BY TORCH APPLICATION (OVER)
- VENTED BASE SHEET (MECHANICALLY FASTENED TO)
- INSULATED LIGHTWEIGHT CONCRETE TOPPING (MIN. COVER OF LT. WT. CONC. IS 2", WITH A MINIMUM STARTING INSULATION THICKNESS OF 1" AT THE SOUTHEAST CORNER, STEPPED UP TO 11" AT THE NORTHEAST CORNER AND 5 INCHES AT THE SOUTHWEST CORNER, STEPPED UP TO 15 INCHES AT THE NORTHWEST CORNER (OVER)
- SELF-ADHERED MOD. BIT. MEMBRANE (OVER)
- 5/8" EXISTING PLYWOOD (FASTEN MECHANICALLY THRU EXTG. 2x4 SLEEPERS & INSULATION TO METAL DECK - OVER)
- 3" EXISTING CLOSED CELL, HIGH DENSITY SPRAY FOAM INSULATION (SPF - OVER)
- EXISTING METAL DECK

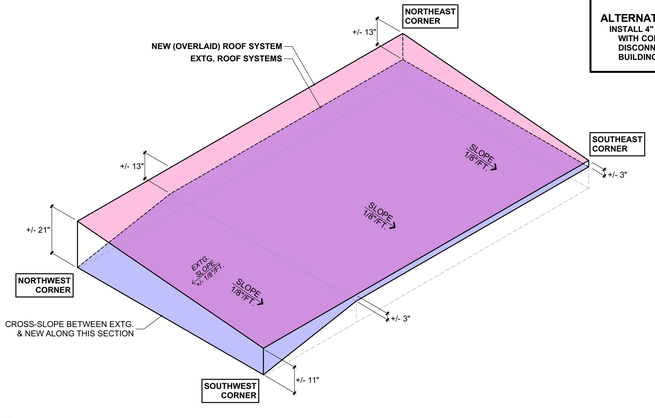
ROOF AREA B
- 2-PLY GRANULE SURFACED MODIFIED BITUMEN MEMBRANE SYSTEM INSTALLED BY TORCH APPLICATION (OVER)
- VENTED BASE SHEET (MECHANICALLY FASTENED TO)
- INSULATED LIGHTWEIGHT CONCRETE TOPPING (MIN. COVER OF LT. WT. CONC. IS 2", WITH A STARTING INSULATION THICKNESS OF 1" AT THE LOW SIDE EAVES, STEPPED UP TO 2.5" AT THE RIDGE (OVER)
- SELF-ADHERED MOD. BIT. MEMBRANE (OVER)
- EXISTING T&G WOOD DECK

ROOF AREAS C, D & E
- REPAIRS AS NOTED

ALTERNATE - 1A:
IN LIEU OF THE MECHANICALLY FASTENED BASE SHEET IDENTIFIED IN THE BASE BID FOR:
ROOF AREAS A, A1, A2 & B INSTALL THE SPECIFIED HEAT ACTIVATED, ASPHALT-BASED PELLET SURFACE TREATMENT WITH THE SPECIFIED INSULATED LIGHTWEIGHT CONCRETE TOPPING

ALTERNATE - 2:
IN LIEU OF THE 2-PLY MODIFIED BITUMEN MEMBRANE SYSTEM IDENTIFIED IN THE BASE BID FOR ROOF AREAS A, A1, A2 & B INSTALL THE SPECIFIED HYBRID ELVALOY-KEE SYSTEM, FULLY ADHERED.

ALTERNATE - 3:
INSTALL 4" CONCRETE SLAB WITH 6x6 WWF OVER PREPARED SUBBASE WITH CONTROL JOINTS AT DESIGNATED AREA (SE PORTION OF FH). DISCONNECT A/C EQUIPMENT AS NEEDED. SLOPE AWAY FROM BUILDING.



1 EDGE & FASCIA - VERTICAL COORDINATION & ALIGNMENT
SCALE: N.T.S.

ATTACHMENT A
PROPOSAL REQUEST No. 01 - ATTACHMENT A
ROOF PLAN - REVISED (01/19/2022)
MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

LEE FIELD HOUSE
REROOFING AND
MAIN FIELD HOUSE
ROOF REPAIRS

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TBPE Firm F-3257
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REGISTERED ARCHITECT MICHAEL D. HORN 18849 STATE OF TEXAS
05/19/2021

ISSUED FOR:

No.	DATE	DESCRIPTION
1	05/19/2021	BIDDING & CONSTRUCTION
1	06/17/2021	ADDENDUM No. 1
2	01/19/2022	PROPOSAL REQUEST No. 1 (METAL DECK REPLACEM.)

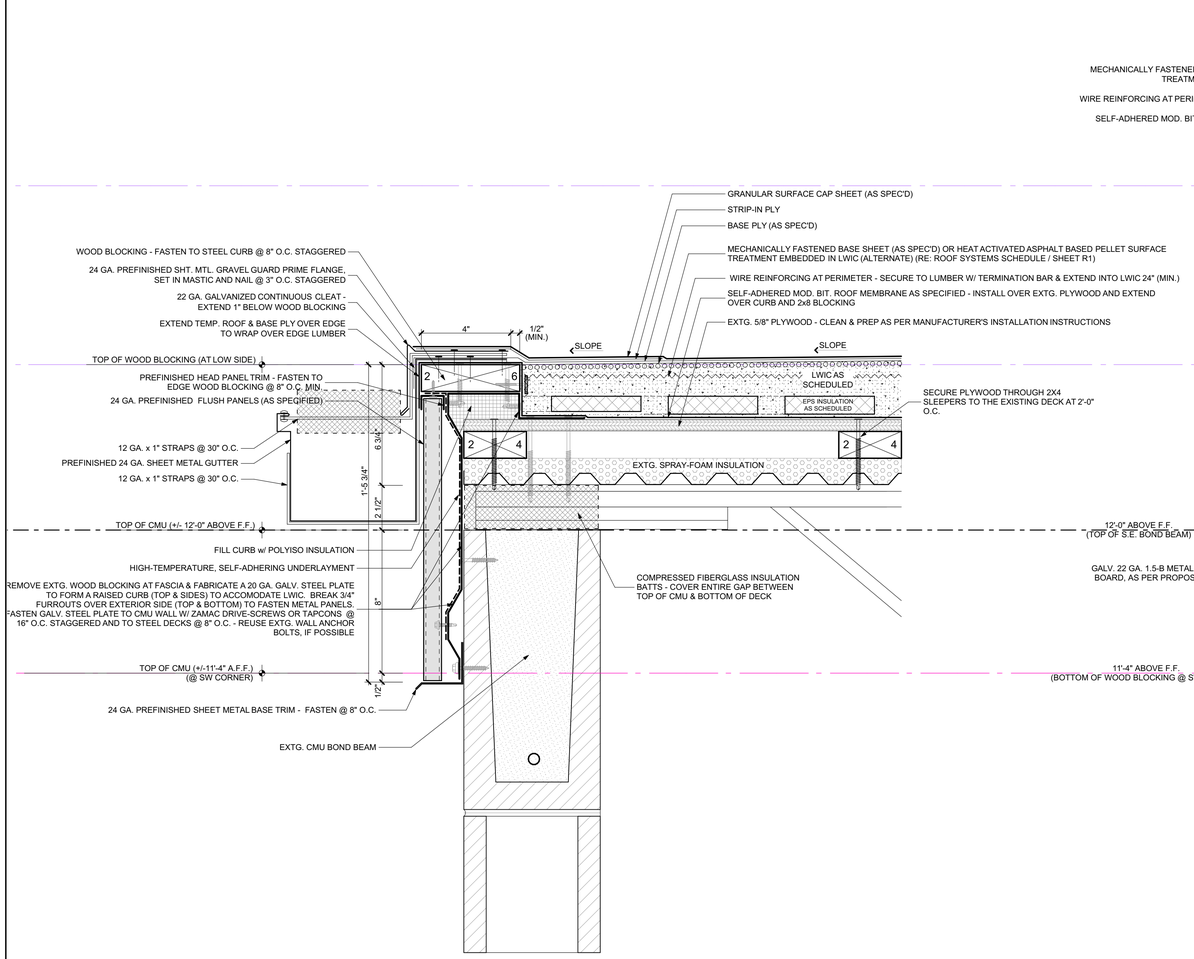
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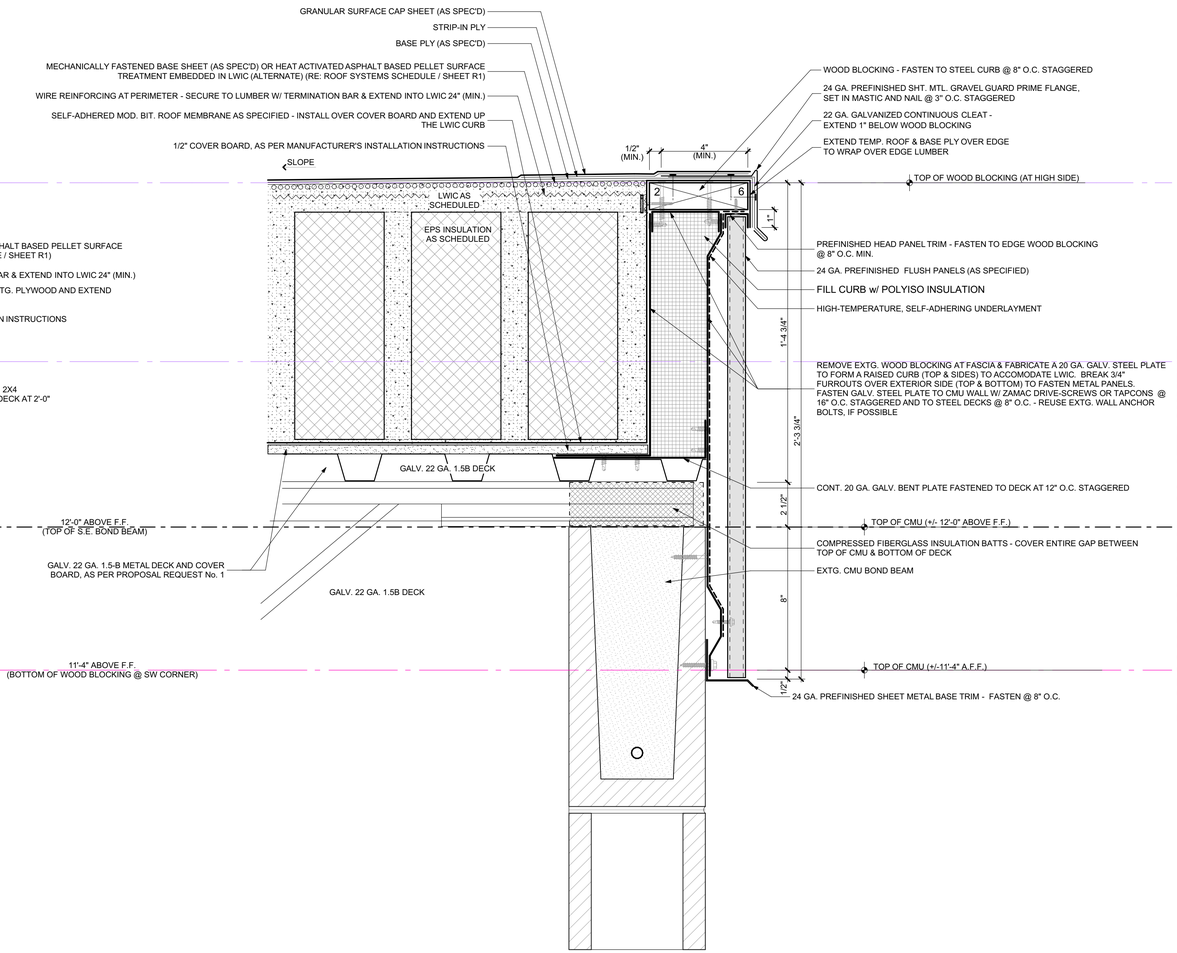
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SHEET NO.
R1-R
SHEET 10 OF 8

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1R LOW-SIDE EAVE WITH GUTTER (SE CORNER) △2
SCALE: 3" = 1'-0"



2R HIGH-SIDE EAVE (NE CORNER) △2
SCALE: 3" = 1'-0"

PROPOSAL REQUEST No. 01 - ATTACHMENT A

ATTACHMENT A

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DETAILS - REVISED (01/19/2022)

MISSION CONSOLIDATED INDEPENDENT SCHOOL DISTRICT

LEE FIELD HOUSE
REROOFING AND
MAIN FIELD HOUSE
ROOF REPAIRS

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REGISTERED ARCHITECT MICHAEL D. HOPPE 13845 STATE OF TEXAS
05/19/2021

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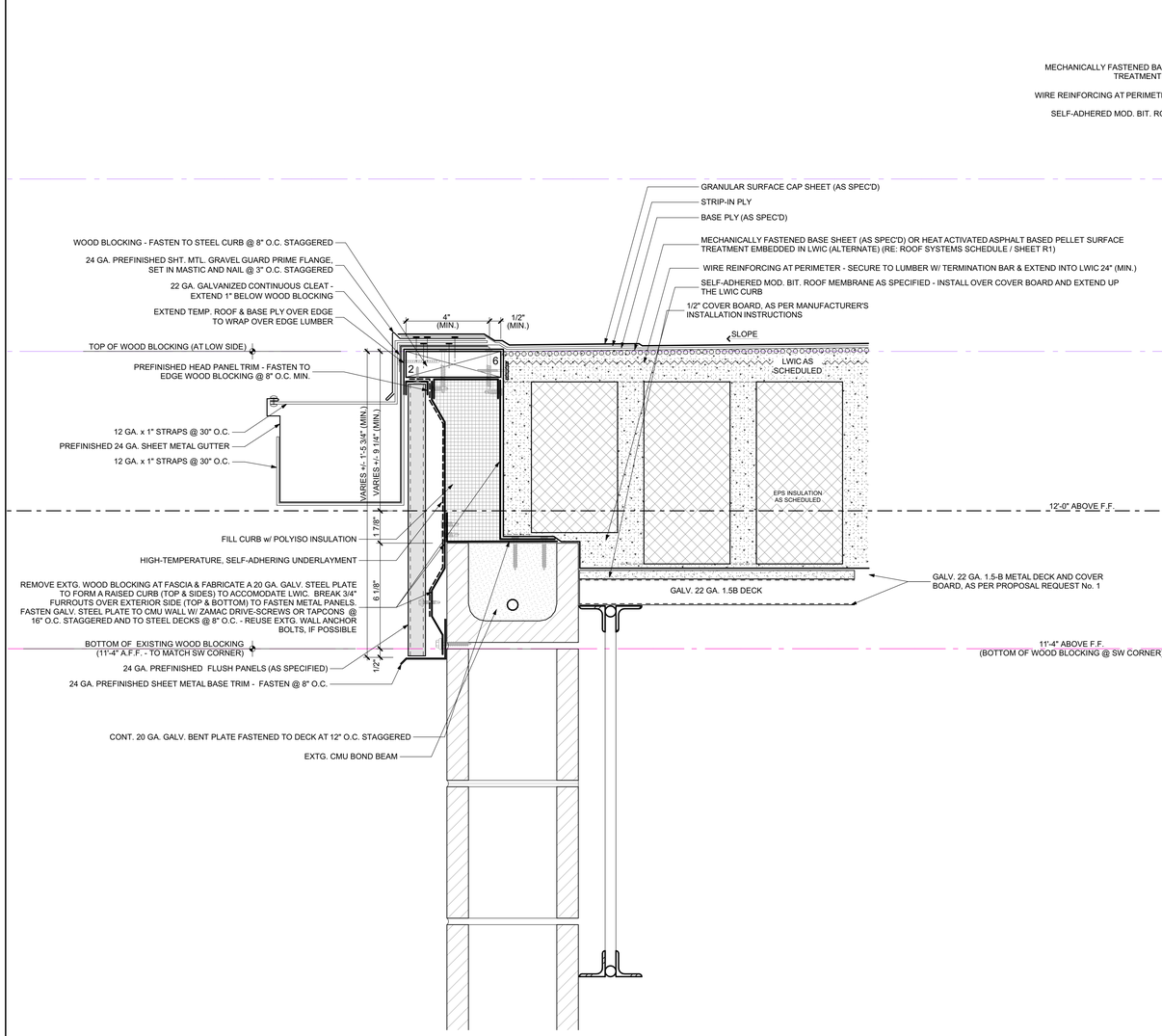
No.	DATE	DESCRIPTION
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△1 1	06/17/2021	ADDENDUM No. 1
△2 2	01/19/2022	PROPOSAL REQUEST No. 1 (METAL DECK REPLACEM.)

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SHEET NO.
D1-R
SHEET 11 OF 8



3R LOW-SIDE EAVE WITH GUTTER (SW CORNER)

SCALE: 3" = 1'-0"

4R HIGH-SIDE EAVE (NW CORNER)

SCALE: 3" = 1'-0"

PROPOSAL REQUEST No. 01 - ATTACHMENT A

DETAILS - REVISED (01/19/2022)

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REGISTERED ARCHITECT MICHAEL D. HOWARTH 13849 STATE OF TEXAS

05/19/2021

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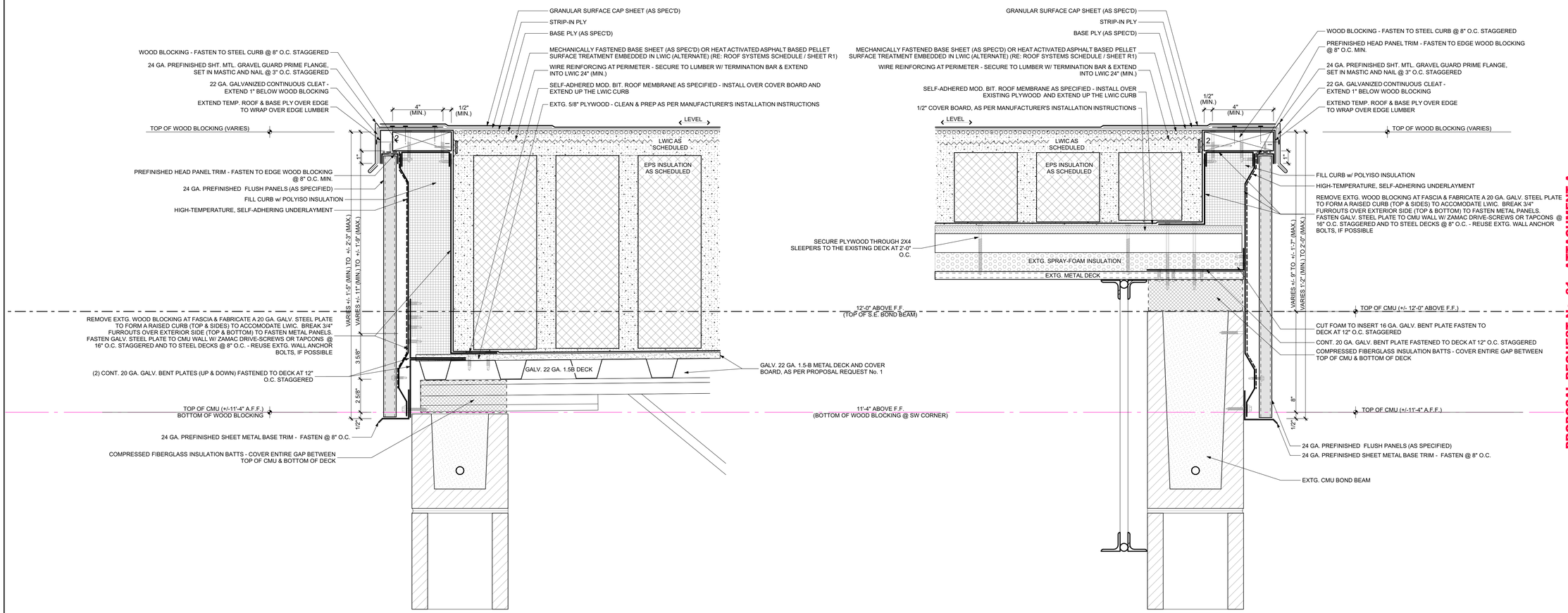
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SHEET NO.
D2-R
SHEET 12 OF 8

ATTACHMENT A

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5R RAKE
SCALE: 3" = 1'-0"

6R RAKE
SCALE: 3" = 1'-0"

PROPOSAL REQUEST No. 01 - ATTACHMENT A

DETAILS - REVISED (01/19/2022)

ATTACHMENT A

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REGISTERED ARCHITECT MICHAEL D. HORN 13849 STATE OF TEXAS

05/19/2021

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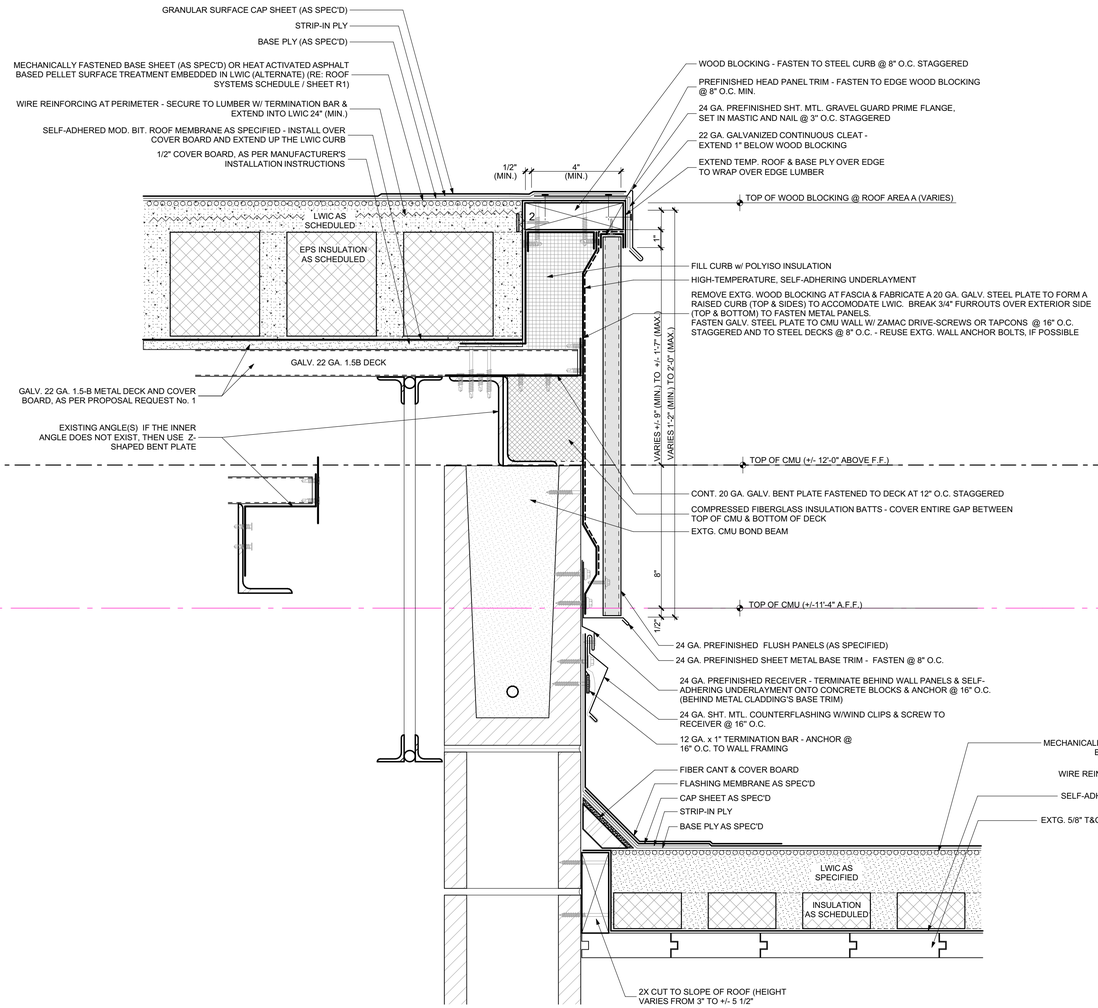
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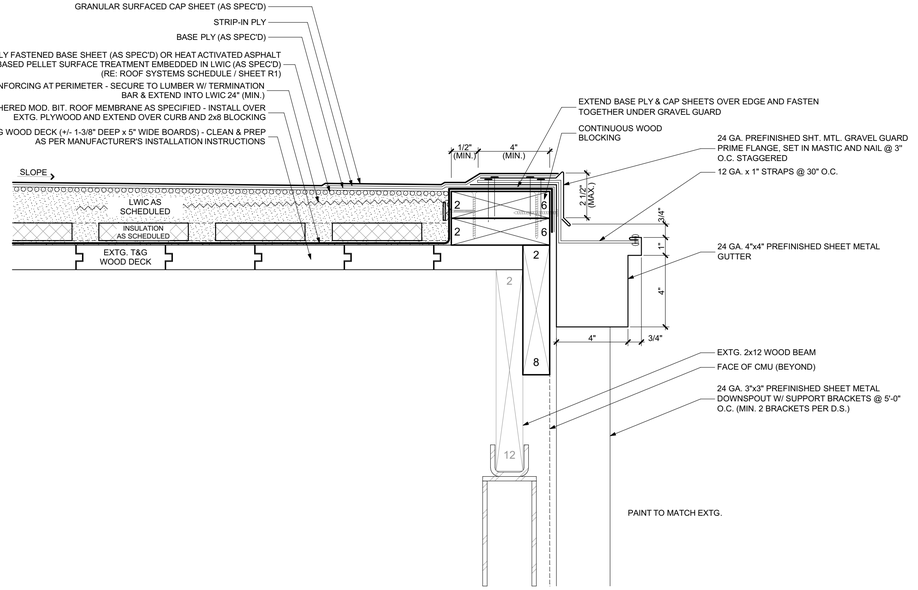
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D3-R
SHEET 13 OF 8

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7aR SOUTHWEST RAKE AT ROOF AREA A (EXTG. METAL DECK & ROOF SYSTEM)

SCALE: 3" = 1'-0"

PROPOSAL REQUEST No. 01 - ATTACHMENT A

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ATTACHMENT A

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REGISTERED ARCHITECT MICHAEL D. HORNE 13849 STATE OF TEXAS

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SHEET 14 OF 8

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GENERAL STRUCTURAL NOTES / SPECIFICATIONS

1. COORDINATION
1.1. THE CONTRACTOR SHALL COMPARE THE ARCHITECTURAL, STRUCTURAL, AND OTHER SERIES DRAWINGS AND REPORT ANY DISCREPANCIES WITHIN THE DRAWINGS PRIOR TO COMMENCEMENT OF WORK, INCLUDING FABRICATION OF ANY STRUCTURAL FRAMING.
1.2. WHERE CONFLICT EXISTS AMONG THE DRAWINGS, THE STRICTEST REQUIREMENT, AS INDICATED BY THE ENGINEER OF RECORD, SHALL GOVERN. IF THERE IS A QUESTION AS TO WHICH CRITERIA IS THE STRICTEST, THE CONTRACTOR SHALL SUBMIT AN RFI TO THE ENGINEER OF RECORD.
1.3. LIMITED SITE OBSERVATIONS BY REPRESENTATIVES FROM RABA KISTNER, INC. ARE NOT INTENDED TO BE A REVIEW OF THE QUANTITY OR QUALITY OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR QUALITY ASSURANCE AND QUALITY CONTROL. RABA KISTNER, INC. OBSERVATIONS ARE ONLY FOR THE PURPOSE OF REVIEWING THAT THE WORK IS PROCEEDING IN ACCORDANCE WITH THESE DOCUMENTS.
1.4. THESE DRAWINGS REPRESENT THE FINISHED STRUCTURAL FRAMING AND DO NOT INDICATE MEANS OR METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, SEQUENCING, AND SAFETY MEASURES INCLUDING BUT NOT LIMITED TO OSHA GUIDELINES.
1.5. ALL NEW STRUCTURAL FRAMING IN THESE DRAWINGS HAVE BEEN DESIGNED BY THE ENGINEER TO RESIST REQUIRED CODE FORCES THAT COULD OCCUR IN THE COMPLETED STRUCTURE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED BRACING, SHORING, OR OTHER TEMPORARY SUPPORTS DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF THE STRUCTURE AND STRUCTURAL ELEMENTS. TEMPORARY SUPPORTS SHALL NOT OVERSTRESS OR DAMAGE ANY NEW OR EXISTING FRAMING.
1.6. EXISTING CONDITIONS
1.6.1. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ENGINEER OF RECORD PRIOR TO COMMENCING WORK.
1.6.2. WORK ON THE DRAWINGS IS NEW UNLESS NOTED AS EXISTING.
1.6.3. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM LIMITED SITE OBSERVATION. **THE CONTRACTOR SHALL VERIFY IF THE FOUNDATION SLAB IS MILDLY REINFORCED OR POST-TENSIONED PRIOR TO CUTTING. IN NO CASE SHALL POST-TENSIONING TENDONS, IF PRESENT, BE CUT OR DAMAGED DURING THE WORK.**
1.6.4. DEMOLITION, CUTTING, AND DRILLING OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO DAMAGE OR COMPROMISE THE INTEGRITY OF THE STRUCTURE OR ITS COMPONENTS. IF ANY COMPONENTS OR MEMBERS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL OBTAINED PRIOR TO MODIFYING OR REMOVING THESE ELEMENTS.
1.6.5. THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING BELOW SLAB UTILITIES, INCLUDING PLUMBING LINES, AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE.
1.7 THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ENGINEER. ANY ADDITIONAL AREAS OF DISTRESS, OBSERVED BY THE CONTRACTOR, SHALL BE REPORTED TO THE ENGINEER.

2. SUBMITTALS
2.1. SHOP DRAWINGS SHALL BE PREPARED FOR ALL STRUCTURAL ITEMS AND SUBMITTED TO THE ENGINEER FOR REVIEW. THESE DRAWINGS SHALL NOT BE DUPLICATED AND USED AS SHOP DRAWINGS. ALL ITEMS THAT ARE DIFFERENT FROM THESE DRAWINGS SHALL BE CLOUDED AND NOTED.
2.2. THE CONTRACTOR SHALL REVIEW ANY SHOP DRAWINGS SUBMITTED BY SUB-CONTRACTORS FOR COMPLIANCE WITH THESE DRAWINGS PRIOR TO SUBMITTING TO THE ENGINEER. THE CONTRACTOR SHALL CERTIFY THEIR REVIEW BY STAMPING THE SUBMITTAL AS "APPROVED" AND BEARING THE DATE AND SIGNATURE OF THE CONTRACTOR. SUBMITTALS WHICH HAVE NOT BEEN APPROVED BY THE CONTRACTOR WILL BE RETURNED WITHOUT REVIEW.
2.3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DELAYED CAUSED BY REJECTION OF INADEQUATE SHOP DRAWINGS.
2.4. THE ENGINEER WILL REVIEW EACH SUBMITTAL WITHIN 2 WEEKS OF RECEIPT, WHERE SHOP DRAWING REVIEW IS REQUIRED OR REQUESTED.
2.5. COMMENTS AND/OR CORRECTIONS ON THE SHOP DRAWINGS DO NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THESE DRAWINGS. THE ENGINEER'S REVIEW IS FOR GENERAL CONFORMANCE WITH THESE DRAWINGS. THE CONTRACTOR SHALL CONFIRM AND CORRECT ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, AND COORDINATING ALL WORK BETWEEN SUB-CONTRACTORS.

3. SUBSTITUTIONS
3.1. ALL REQUESTS FOR SUBSTITUTIONS OF MATERIALS OR DETAILS SHALL BE SUBMITTED FOR APPROVAL DURING THE BIDDING PERIOD.
3.2. ONCE BIDS ARE ACCEPTED, PROPOSED SUBSTITUTIONS WILL BE CONSIDERED ONLY WHEN THEY ARE OFFICIALLY SUBMITTED WITH AN IDENTIFIED SAVINGS OR DURATION FROM THE CONTRACT AND/OR SCHEDULE IMPACT. SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.

4. CAST-IN-PLACE CONCRETE
4.1. CONCRETE SHALL OBTAIN A 28 DAY STRENGTH NO LESS THAN 3,000 PSI, AND HAVE A MAXIMUM WATER TO CEMENT (W/C) RATIO OF 0.45.
4.1.1. CEMENTITIOUS MATERIAL SHALL BE PORTLAND CEMENT PER ASTM C150 TYPE I/II. A MAX OF 20 PERCENT OF THE CEMENTITIOUS MATERIALS MAY BE REPLACED WITH CLASS C OR F FLY ASH CONFORMING TO ASTM C618.
4.1.2. COARSE AGGREGATES SHALL BE NORMAL WEIGHT, CONFORMING TO ASTM C33, AND HAVE A MAXIMUM AGGREGATE SIZE OF 1/2 INCHES.
4.2. SURFACE PREPARATION
4.2.1. ALL EXISTING DAMAGED OR LOOSE CONCRETE SHALL BE REMOVED.
4.2.2. PRIOR TO REPAIR, SURFACE SHALL BE CLEAN OF ALL DETERIORATED CONCRETE, DIRT, OIL, AND GREASE.
4.2.3. SURFACE SHALL BE CLEANED WITH HIGH PRESSURE WATER BLAST OR OTHER APPROPRIATE MECHANICAL MEANS.
4.2.4. A CONCRETE BONDING AGENT (SUCH AS SIKA ARMATEC 110 EPOCEM OR APPROVED SUBSTITUTION) SHALL BE APPLIED TO THE SURFACE AND ANY EXPOSED REINFORCEMENT DIRECTLY BELOW PLACING NEW CONCRETE. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS.
4.3. STEEL REINFORCEMENT
4.3.1. ALL REINFORCING STEEL SHALL BE NEW BILLET STEEL PER ASTM A615, GRADE 60 UNLESS NOTED OTHERWISE IN THE DRAWINGS.
4.3.2. NEW STEEL REINFORCEMENT MAY BE DOWELED INTO THE EXISTING CONCRETE AT THE CONTRACTOR'S OPTION UNLESS NOTED OTHERWISE IN THE DRAWINGS, AND BE SET IN AN APPROVED DOWELLING ADHESIVE. INSTALL ADHESIVE IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
4.3.2.1. ADHESIVE DOWELLING SYSTEM SHALL BE ONE OF THE FOLLOWING PRODUCTS UNLESS SPECIFICALLY SPECIFIED IN THE DRAWINGS:
4.3.2.1.1. HILTI "HIT RE-500-V3"
4.3.2.1.2. SIMPSON "SET-XP" OR "SET-3G"
4.3.2.2. DRILLING AND INSERTING DOWELLING ADHESIVE SHALL BE PERIODICALLY INSPECTED BY THE SPECIAL INSPECTIONS COMPANY ENGAGED BY THE OWNER.
4.3.3. NEW STEEL REINFORCEMENT SHALL BE PLACED AT A DEPTH OF ONE HALF OF THE DEPTH OF SLABS LESS THAN 7 INCHES THICK. LOCATE DOWELS A MINIMUM OF 2" HORIZONTALLY FROM EXISTING BARS UNLESS GREATER SPACING IS REQUIRED BY MANUFACTURER'S INSTALLATION INSTRUCTIONS OR THE DRAWINGS.
4.3.4. HEAT SHALL NOT BE USED IN THE FABRICATION OR INSTALLATION OF REINFORCEMENT.
4.4. CONCRETE MIXING
4.4.1. READY-MIXED CONCRETE: MEASURE, BATCH, MIX, AND DELIVER CONCRETE ACCORDING TO ASTM C 94, AND FURNISH BATCH TICKET INFORMATION.
4.4.1.1. WHEN AIR TEMPERATURE IS BETWEEN 85 AND 95 DEG F, REDUCE MIXING AND DELIVERY TIME FROM 1-1/2 HOURS TO 75 MINUTES; WHEN AIR TEMPERATURE IS ABOVE 95 DEG F, REDUCE MIXING AND DELIVERY TIME TO 60 MINUTES.
4.4.2. PROJECT-SITE MIXING: MEASURE, BATCH, AND MIX CONCRETE MATERIALS AND CONCRETE ACCORDING TO ASTM C 94. MIX CONCRETE MATERIALS IN APPROPRIATE DRUM-TYPE BATCH MACHINE MIXER.
4.4.2.1. FOR MIXER CAPACITY OF 1 CU. YD. OR SMALLER, CONTINUE MIXING AT LEAST 1-1/2 MINUTES, BUT NOT MORE THAN 5 MINUTES AFTER INGREDIENTS ARE IN MIXER, BEFORE ANY PART OF BATCH IS RELEASED.
4.4.2.2. FOR MIXER CAPACITY LARGER THAN 1 CU. YD., INCREASE MIXING TIME BY 15 SECONDS FOR EACH ADDITIONAL 1 CU. YD.
4.4.2.3. PROVIDE BATCH TICKET FOR EACH BATCH DISCHARGED AND USED IN THE WORK, INDICATING PROJECT IDENTIFICATION NAME AND NUMBER, DATE, MIXTURE TYPE, MIXTURE TIME, QUANTITY, AND AMOUNT OF WATER ADDED. RECORD APPROXIMATE LOCATION OF FINAL DEPOSIT IN STRUCTURE.

4. CAST-IN-PLACE CONCRETE, CONTINUED
4.5. INSTALLATION OF NON-SHRINK GROUT UNDER BASEPLATES
4.5.1. GROUT UNDER ALL BEARING AND BASEPLATES. COMPLY WITH MANUFACTURERS INSTRUCTIONS. DO NOT DRY PACK.
4.5.2. MIXING: USE A MECHANICAL MIXER. ADD ONLY ENOUGH WATER TO MAKE GROUT PLACEABLE. DO NOT MIX MORE GROUT THAN CAN BE USED IN 20 MINUTES. UNDER NO CIRCUMSTANCES SHALL GROUT BE RETEMPERED.
4.6. CONCRETE TESTS:
4.6.1. TESTING OF COMPOSITE SAMPLES OF FRESH CONCRETE OBTAINED ACCORDING TO ASTM C 172 SHALL BE PERFORMED ACCORDING TO THE FOLLOWING REQUIREMENTS:
4.6.1.1. TESTING FREQUENCY: OBTAIN AT LEAST ONE COMPOSITE SAMPLE FOR EACH 100 CU. YD. OR FRACTION THEREOF OF EACH CONCRETE MIXTURE PLACED EACH DAY.
4.6.1.2. SLUMP: ASTM C 143/C 143M; ONE TEST AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE. PERFORM ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY APPEARS TO CHANGE.
4.6.1.3. AIR CONTENT: ASTM C 231, PRESSURE METHOD, FOR NORMAL-WEIGHT CONCRETE; ONE TEST FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIXTURE.
4.6.1.4. CONCRETE TEMPERATURE: ASTM C 1064/C 1064M; ONE TEST HOURLY WHEN AIR TEMPERATURE IS 40 DEG F AND BELOW AND WHEN 80 DEG F AND ABOVE, AND ONE TEST FOR EACH COMPOSITE SAMPLE
4.6.1.5. COMPRESSION TEST SPECIMENS: ASTM C 31.
4.6.1.5.1. CAST AND LABORATORY CURE FIVE CYLINDERS FOR EACH COMPOSITE SAMPLE.
4.6.1.5.2. DO NOT TRANSPORT FIELD-CAST CYLINDERS UNTIL THEY HAVE CURED FOR A MINIMUM OF 24 HOURS.
4.6.1.6. COMPRESSIVE-STRENGTH TESTS: ASTM C 39
4.6.1.6.1. TEST TWO CYLINDER AT 7 DAYS
4.6.1.6.2. TEST THREE CYLINDERS AT 28 DAYS
4.6.1.7. STRENGTH OF EACH CONCRETE MIXTURE WILL BE SATISFACTORY IF EVERY AVERAGE OF ANY THREE CONSECUTIVE COMPRESSIVE-STRENGTH TESTS EQUALS OR EXCEEDS SPECIFIED COMPRESSIVE STRENGTH AND NO COMPRESSIVE-STRENGTH TEST VALUE FALLS BELOW SPECIFIED COMPRESSIVE STRENGTH BY MORE THAN 500 PSI.
4.6.1.8. TEST RESULTS SHALL BE REPORTED IN WRITING TO ARCHITECT, CONCRETE MANUFACTURER, AND CONTRACTOR WITHIN 48 HOURS OF TESTING. REPORTS OF COMPRESSIVE-STRENGTH TESTS SHALL CONTAIN PROJECT IDENTIFICATION NAME AND NUMBER, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING AND INSPECTING AGENCY, LOCATION OF CONCRETE BATCH IN WORK, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIXTURE PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7- AND 28-DAY TESTS.
4.7. SUBMITTALS
4.7.1. SUBMIT CONCRETE MIX DESIGN TO ENGINEER OF RECORD FOR APPROVAL PRIOR TO APPLICATION. THE PROPOSED MIX DESIGNS SHALL BE IN ACCORDANCE WITH ACI 301, CHAPTER 3.9. EACH PROPOSED MIX DESIGN SHALL BE ACCOMPANIED BY A RECORD OF PAST PERFORMANCE BASED ON AT LEAST 30 CONSECUTIVE STRENGTH TESTS, OR BY THREE LABORATORY TRIAL MIXTURES WITH CONFIRMATION TESTS.
4.7.1.1. SUBMITTAL SHALL ALSO INCLUDE MATERIAL TEST REPORTS FOR AGGREGATES AND MATERIAL CERTIFICATES FOR CEMENTITIOUS MATERIALS, ADMIXTURES, FLY ASH, STEEL REINFORCEMENT AND ACCESSORIES, AND BONDING AGENTS.
4.7.1.2. SUBMIT MANUFACTURER'S CERTIFICATION OF MAXIMUM CHLORIDE ION CONTENT IN ADMIXTURES.
4.7.1.3. SUBMIT FLY ASH CERTIFICATION ATTESTING TO CARBON CONTENT AND COMPLIANCE WITH ASTM C618.

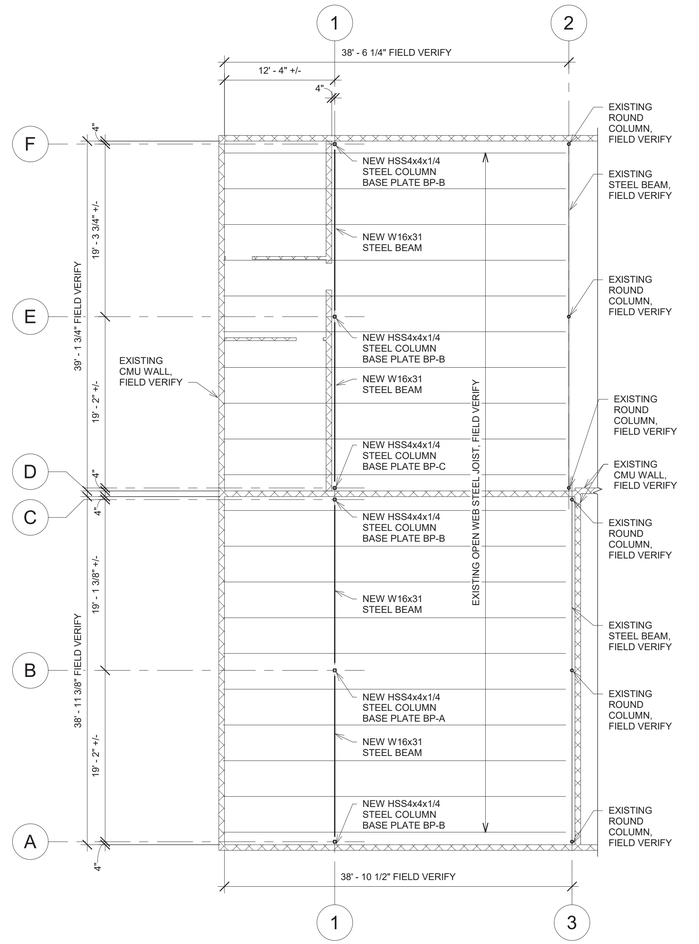
5. VAPOR RETARDER
5.1. PROVIDE A VAPOR RETARDER TO MATCH EXISTING (IF ANY) THAT CONFORMS TO ASTM E1745, CLASS C OR BETTER WITH A MAXIMUM WATER VAPOR PERMEANCE OF 0.04 PERMS PER ASTM F1249.
5.2. VAPOR RETARDER SHALL BE NO LESS THAN 6 MILS THICK.
5.3. OVERLAP SEAMS A MINIMUM OF 6 INCHES AND SEAL WITH TAPE AS RECOMMENDED BY MANUFACTURER.
5.4. SUBMIT PROPOSED VAPOR RETARDER (IF REQUIRED TO MATCH EXISTING) FOR REVIEW PRIOR TO INSTALLATION.

6. STRUCTURAL STEEL
6.1. MATERIAL
6.1.1. ALL HOT ROLLED STEEL MEMBERS SHALL BE NEW AND CONFORM TO ASTM SPECIFICATION A6.
6.1.2. ASTM SPECIFICATION AND GRADE. CLEARLY MARK THE GRADE ON EACH MEMBER.
6.1.3. UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, STRUCTURAL STEEL MEMBERS SHALL BE:
6.1.3.1. W-SHAPES SHALL CONFORM TO ASTM A992.
6.1.3.2. ANGLES SHALL CONFORM TO ASTM A36.
6.1.3.3. SQUARE OR RECTANGULAR HOLLOW STRUCTURAL SHAPE MEMBERS SHALL CONFORM TO ASTM A500 GRADE B, FY = 46 KSI.
6.1.3.4. STRUCTURAL STEEL PLATE SHALL CONFORM TO ASTM A36.
6.1.3.5. ANY OTHER STEEL SHALL CONFORM TO ASTM A36.
6.1.3.6. HEADED STUD SHEAR CONNECTORS SHALL CONFORM TO ASTM A108.
6.2. BASE PLATES
6.2.1. COLUMN BASE PLATES SHALL BE SET TO THE ELEVATION INDICATED ON THE STRUCTURAL DRAWINGS AND LEVELED USING SHIMS OR BY DOUBLE NUTS ON ANCHOR BOLTS. BASE PLATES SHALL THEN BE GROUTED WITH A NON-SHRINK, HIGH STRENGTH NONMETALLIC GROUT. TIGHTEN ANCHOR BOLTS AFTER SUPPORTED MEMBERS HAVE BEEN POSITIONED AND PLUMBED.
6.2.2. HOLE SIZES IN BASE PLATES SHALL BE OVERSIZED PER AISC SECTION J9.
6.2.3. ANCHOR RODS SHALL BE AS NOTED IN THE DETAILS. WHERE ANCHORS ARE NOT SPECIFICALLY NOTED IN THE DETAILS, USE:
6.2.3.1. TYPICAL: ASTM F1554 GR. 36, WELDABLE.
6.3. FOR CONNECTIONS NOT SPECIFICALLY ADDRESSED BY THESE NOTES OR THE STRUCTURAL DRAWINGS, PROVIDE FILLET WELDS AT ALL CONTACT SURFACES SUFFICIENT TO DEVELOP THE TENSILE STRENGTH OF THE SMALLER MEMBER AT THE JOINT.
6.4. FABRICATION
6.4.1. SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ENGINEER AS TO LOCATION AND TYPE OF SPLICE TO BE MADE. ANY MEMBER HAVING SPLICE NOT SHOWN AND DETAILED ON SHOP DRAWINGS WILL BE REJECTED.
6.4.2. DIMENSIONAL TOLERANCES OF FABRICATED STRUCTURAL STEEL SHALL CONFORM TO SECTION 6.4 OF THE AISC CODE OF STANDARD PRACTICE UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
6.4.3. SHOP PAINTING: PAINT STRUCTURAL STEEL WITH ONE COAT OF MANUFACTURER'S STANDARD RED OXIDE PRIMER APPLIED AT A RATE TO PROVIDE A UNIFORM DRY FILM THICKNESS OF 2.5 MILS.
6.5. ERECTION
6.5.1. ERECTION TOLERANCES OF ANCHOR BOLTS, EMBEDDED ITEMS, AND ALL STRUCTURAL STEEL UNLESS SPECIFIED OTHERWISE ON THE STRUCTURAL DRAWINGS SHALL CONFORM TO THE AISC CODE OF STANDARD PRACTICE.
6.5.2. FIELD CUTTING OF STRUCTURAL STEEL OR ANY FIELD MODIFICATIONS TO STRUCTURAL STEEL SHALL NOT BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER.
6.5.3. CONTRACTOR SHALL PROTECT ANY UNPRIMED STRUCTURAL STEEL FROM DETRIMENTAL EFFECTS OF CORROSION, AS REQUIRED, UNTIL THE STEEL IS ENCLOSED AND PROTECTED BY THE NEW CONSTRUCTION.
6.6. SUBMITTALS
6.6.1. PROVIDE DRAWINGS SHOWING DETAILS FOR FABRICATION AND SHOP ASSEMBLY OF MEMBERS, ERECTION PLANS AND DETAILS. INCLUDE DETAILS OF CONNECTIONS, CAMBER, WELD PROFILES AND SIZES AND SPACING.

7. SPECIAL INSPECTIONS
7.1. REQUIRED SPECIAL INSPECTIONS ARE TABULATED AT THE END OF THESE STRUCTURAL NOTES.
7.2. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE GENERAL BUILDING CODE BY A SPECIAL INSPECTOR HIRED BY THE OWNER TO PERFORM THE SPECIAL INSPECTIONS LISTED IN THESE NOTES. THE INSPECTOR SHALL BE QUALIFIED BY AN APPROVED AGENCY ACCORDING TO THE CITY'S BUILDING OFFICIAL TO PERFORM THE SPECIAL INSPECTIONS FOR WHICH THEY WILL BE UNDERTAKING.
7.3. THE CONTRACTOR SHALL COORDINATE WITH AND NOTIFY THE SPECIAL INSPECTOR OF ALL TESTS. THE SPECIAL INSPECTOR SHALL BE RESPONSIBLE TO VERIFY THAT THE ITEMS DETAILED IN THE CONSTRUCTION DOCUMENTS WERE BUILT ACCORDINGLY AND SHALL PREPARE, SIGN, AND FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE ARCHITECT FOR ALL TIME SPENT AT THE SITE. THE INSPECTOR SHALL BRING DISCREPANCIES TO THE IMMEDIATE ATTENTION OF THE GENERAL CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE ARCHITECT PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.
7.4. THE FOLLOWING SPECIAL INSPECTIONS ARE IN ADDITION TO THE OTHER INSPECTIONS LISTED IN THESE STRUCTURAL NOTES OR PROJECT SPECIFICATIONS:
7.4.1. STRUCTURAL STEEL VERIFICATION AND INSPECTION IN ACCORDANCE WITH AISC 360.
7.4.1.1. WELDING:
7.4.1.1.1. PRIOR TO WELDING:
7.4.1.1.1.1. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE, CONTINUOUS
7.4.1.1.1.2. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE, CONTINUOUS
7.4.1.1.1.3. MATERIAL IDENTIFICATION (TYPE/GRADE), PERIODIC
7.4.1.1.1.4. WELDER IDENTIFICATION SYSTEM, PERIODIC
7.4.1.1.1.5. FIT-UP OF FILLET WELDS (DIMENSIONS, CLEANLINESS, TACKING), PERIODIC
7.4.1.1.2. DURING WELDING:
7.4.1.1.2.1. USE OF QUALIFIED WELDERS, PERIODIC
7.4.1.1.2.2. CONTROL AND HANDLING OR WELDING CONSUMABLES, PERIODIC
7.4.1.1.2.3. NO WELDING OVER CRACKED TACK WELDS, PERIODIC
7.4.1.1.2.4. ENVIRONMENTAL CONDITIONS, PERIODIC
7.4.1.1.2.5. WPS FOLLOWED, PERIODIC
7.4.1.1.2.6. WELDING TECHNIQUES, PERIODIC
7.4.1.1.3. AFTER WELDING:
7.4.1.1.3.1. WELDS CLEANED, PERIODIC
7.4.1.1.3.2. SIZE, LENGTH, AND LOCATION OF WELDS, CONTINUOUS
7.4.1.1.3.3. WELDS MEET VISUAL ACCEPTANCE CRITERIA, CONTINUOUS
7.4.1.1.3.4. ARC STRIKES, CONTINUOUS
7.4.1.1.3.5. K-AREA, CONTINUOUS
7.4.1.1.3.6. BACKING REMOVED AND WELD TABS REMOVED IF REQUIRED, CONTINUOUS
7.4.1.1.3.7. REPAIR ACTIVITIES, CONTINUOUS
7.4.1.1.3.8. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER, CONTINUOUS
7.4.1.2. BOLTING:
7.4.1.2.1. PRIOR TO BOLTING:
7.4.1.2.1.1. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS, CONTINUOUS
7.4.1.2.1.2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS, PERIODIC
7.4.1.2.1.3. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL, PERIODIC
7.4.1.2.1.4. PROPER BOLTING PROCEDURE FOR THE JOINT DETAIL, PERIODIC
7.4.1.2.1.5. CONNECTING ELEMENTS MEET APPLICABLE REQUIREMENTS, PERIODIC
7.4.1.2.1.6. PRE-INSTALLATION VERTIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED, PERIODIC
7.4.1.2.1.7. PROPER STORAGE FOR BOLTS, NUTS, WASHERS, AND OTHER COMPONENTS, PERIODIC
7.4.1.2.2. DURING BOLTING:
7.4.1.2.2.1. FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED, PERIODIC
7.4.1.2.2.2. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRE-TENSIONING, PERIODIC
7.4.1.2.2.3. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING, PERIODIC
7.4.1.2.2.4. FASTENERS ARE PRE-TENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PERIODIC
7.4.1.2.3. AFTER BOLTING:
7.4.1.2.3.1. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS, CONTINUOUS
7.4.2. CONCRETE CONSTRUCTION VERIFICATION AND INSPECTION IN ACCORDANCE WITH ACI 318
7.4.2.1. INSPECTION OF REINFORCING STEEL, AND VERIFY PLACEMENT, PERIODIC
7.4.2.2. INSPECT ANCHORS CAST IN CONCRETE, PERIODIC
7.4.2.3. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:
7.4.2.3.1. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS, CONTINUOUS
7.4.2.3.2. MECHANICAL ANCHORS AND OTHER ADHESIVE ANCHORS, PERIODIC
7.4.2.4. VERIFY USE OF REQUIRED MIX DESIGN, PERIODIC
7.4.2.5. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE TEMPERATURE OF THE CONCRETE, CONTINUOUS
7.4.2.6. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES, CONTINUOUS
7.4.2.7. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES, PERIODIC
7.4.2.8. INSPECT FORMWORK OR CUTOUTS FOR SHAPE, LOCATION, AND DIMENSIONS OF CONCRETE MEMBERS BEING FORMED, PERIODIC
7.4.3. STEEL DECK VERIFICATION AND INSPECTION IN ACCORDANCE WITH SDI
7.4.3.1. VERIFY COMPLIANCE OF MATERIALS (DECK AND ACCESSORIES)
7.4.3.2. VERIFY COMPLIANCE OF DECK AND ACCESSORIES INSTALLATION, PERIODIC
7.4.3.3. VERIFY PROPER INSTALLATION TOOLS AND VERIFY PROPER POSITIONING OF FASTENERS DURING INSTALLATION PER FASTENER MANUFACTURER'S INSTRUCTIONS, PERIODIC
7.4.3.4. INSPECT SPACING, TYPE, AND INSTALLTION OF SUPPORT FASTENERS, SIDELAP FASTENERS, AND PERIMETER FASTENERS, PERIODIC

8. STEEL ROOF DECK
8.1. STEEL ROOF DECK SHALL MEET THE FOLLOWING PROPERTIES:
8.1.1. DECK GAUGE = 22
8.1.2. SDI DECK TYPE = WR (TYPE B)
8.1.3. DECK DEPTH = 1.5 INCHES
8.1.4. SHEET WIDTH = 36 INCHES
8.1.5. PANEL MOMENT OF INERTIA, I = 0.200 IN^4 / FT
8.2 STEEL ROOF DECK AND ACCESSORIES SHALL BE GALVANIZED AND CONFORM TO ASTM A653, STRUCTURAL QUALITY, WITH A MINIMUM YIELD STRENGTH OF 40 KSI.
8.3 ROOF DECK SHALL BE CONTINUOUS OVER FOUR OR MORE SUPPORTS WHEREVER POSSIBLE.
8.4 ROOF DECK SHEET EDGES SHALL BE LOCATED OVER STRUCTURAL SUPPORTS WITH A MINIMUM LAP OF 2 INCHES. DECKS SHALL HAVE A MINIMUM END BEARING OF 2 INCHES.
8.5 EDGE RIBS SHALL BE FASTENED TO EACH POINT OF SUPPORT. ADDITIONAL FASTENERS BETWEEN EDGE RIBS SHALL BE SPACED APPROXIMATELY 12 INCHES ON CENTER, NOT TO EXCEED 18 INCHES ON CENTER.
8.6 STEEL ROOF DECK SHALL BE ATTACHED TO ROOF JOISTS WITH #14 HWH SELF-TAPPING SCREWS AT THE FOLLOWING LAYOUT PATTERNS:
8.6.1. ZONES 1', 1, 2 36/4
8.6.2. ZONE 3 36/5
8.7 SIDELAP FASTNERS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 3 FASTENERS PER DECK SPAN. SIDELAP FASTENERS SHALL BE #10 SCREWS.

2



1 PARTIAL ROOF FRAMING PLAN
1/8" = 1'-0"

PLAN NOTES:
1. FIELD VERIFY ALL FRAMING AND DIMENSIONS PRIOR TO STARTING WORK.
2. PROVIDE SHORING AT EACH JOIST PRIOR TO INSTALLING NEW BEAM.
3. COLUMNS SHALL BE SUPPORTED ON NEW FOOTINGS IN ACCORDANCE WITH THE DETAILS. ALL FOOTINGS SHALL BE INSPECTED IN ORDER TO ENSURE THAT THE FOOTING HAS BEEN CONSTRUCTED TO SPECIFIED SIZE, WITH DETAILED REINFORCING, AND TO SPECIFIED TOLERANCES.
4. ALL SHOP PRIMED STEEL, EXISTING AND NEW, SHALL BE TOUCHED UP AND PAINTED IN ACCORDANCE WITH THE STRUCTURAL NOTES AND AS SPECIFIED IN PAINTING SPECIFICATION 09 91 33.

GENERAL NOTES FOR SELECTION DEMOLITION AND REPAIR OF ARCHITECTURAL AND MEP SYSTEMS/COMPONENTS/FINISHES:
1. REFER TO SPECIFICATION SECTION 01 73 20 FOR SELECTIVE DEMOLITION.
2. REMOVE CEILING, FLOOR, AND WALL SYSTEMS/COMPONENTS/FINISHES AS REQUIRED TO EXECUTE THE NOTED STRUCTURAL REPAIRS.
3. INSTALL NEW OR UNDAMAGED EXISTING CEILING, FLOOR, AND WALL SYSTEMS/COMPONENTS/FINISHES TO MATCH EXISTING AT AREAS AFFECTED BY THE NOTED STRUCTURAL REPAIRS.
4. REFER TO SPECIFICATION SECTIONS 22 05 00, 23 05 00, AND 26 05 00 FOR COMMON WORK RESULTS FOR MECHANICAL, ELECTRICAL, AND PLUMBING (MEP) SYSTEMS/LINES/COMPONENTS.
5. DISCONNECT/RECONNECT MEP SYSTEMS/COMPONENTS AS REQUIRED TO EXECUTE THE NOTED STRUCTURAL REPAIRS. ALL MEP SYSTEMS/COMPONENTS SHALL BE RETURNED TO THE SAME LEVEL OF FUNCTIONAL OPERATION THAT EXISTED PRIOR TO THE STRUCTURAL REPAIRS.

RABA KISTNER CONSULTANTS
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TBAE Firm BR-3427

PROPOSAL REQUEST NO. 1 - ATTACHMENT B

STRU

Attachment B

Rio Roofing Proposal

R|O ROOFING inc.
22452 US 77 Expressway - Harlingen, Texas 78552
(956) 423.3359 - Fax (956) 423.3382

January 24, 2022

Raba Kistner, Inc.
1600 North Jackson Rd, Ste. 3
Pharr, TX 78577

Mission CISD Lee Field House Reroofing and Main Field House Roof Repairs
Mission, TX

Re: Work Changes Proposal 01

Item 1- Deck Replacement

Proposal: We propose to remove and replace approximately 7,300 square feet of steel deck per Proposal request 01, dated 1/19/2022.

Item 1 (Credit to Owner)- Delete plywood fastening at Roof Area A2 and North portion of Roof Area A.
Labor: $ 730.00
Material: $ 1,500.00
Credit to Owner: $ 2,230.00

Item 2 (Credit to Owner)- Delete new steel angle at Detail 5/D3.
Labor: $ 800.00
Material: $ 600.00
Credit to Owner: $ 1,400.00

Item 3 (Credit to Owner)- Delete new fascia wood blocking at Roof Edges.
Labor: $ 1,600.00
Material: $ 670.00
Credit to Owner: $ 2,270.00

Item 4- Remove deteriorated deck and replace with new 1.5”, 22 gauge B-deck (Approx 7,300 sf). Includes new 1/4" angle.
Labor: $ 24,500.00
Material: $ 57,900.00
Total Add $ 82,400.00

Total Change Order Proposal:
Add: $76,500.00
Time: Add 45 days

Thank you,

Hedley Hichens

SUBJECT: Final Design for the Demolition of the Old Agriculture Barn Project – Chanin Engineering

PRESENTER: Rick Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

In May of 2008, a successful construction bond election was concluded for a total amount of $59,000,000.00. In August of 2008, the Texas Education Agency (TEA) approved the District's application for the Instructional Facilities Allotment (IFA) program.

During the district-wide needs assessment for the 2006 and the 2008 bond construction and renovation projects were identified and subsequently ranked by priority. The projects selected by this process were funded and completed. There continued to be a need district-wide for improvements that were not funded by either the 2006 or 2008 bonds.

On Saturday, March 24, 2012, a Facilities Committee Bond Workshop was held to consider projects utilizing the remaining funds from the proposed new elementary school, which no longer was to be built.

At the Facilities Committee meeting held on April 11, 2012, one of the projects discussed for possible Board recommendation was the renovation and construction of the Agricultural Science Facility.

At the Regular Board of Trustees meeting held on Wednesday, April 18, 2012, the Board approved PBK Architects for administrative construction services for the renovations at the Agricultural Science Facility. At this same meeting, the Board approved a total budget of $700,000.00 for the renovations.

The new facility will provide additional holding pens for goats, sheep, pigs, hogs and steers with wash racks, sand pits, lighting and a parking area. If the budget allows a possible show arena, classroom, office, concession area, etc. may be built. The Agricultural Science Facility would be utilized by the districts agricultural and FFA programs.

At the Facilities Committee meeting held on Wednesday, December 05, 2012, PBK presented preliminary drawings of potential renovations and additions to the site along with preliminary drawings of a new MCISD driveway and parking area. Discussed at the meeting were possible budget constraints, particularly what the Agricultural instructors at both high schools are initially recommending. Possibly, only a driveway and parking area may be able to be constructed with the current budget.

At the Regular Board of Trustees meeting held on Wednesday, January 23, 2013 the Board considered and approved for PBK Architects for a master plan design assessment for the agricultural science facilities renovation project. At this same Board of Trustees meeting, the Board decided to proceed to only fund the driveway and parking area at this time.

At the Facilities Committee meeting held on May 07, 2014, Committee Members reviewed two options for a master plan for the Agricultural Science Facility. After

numerous design meetings with the Agricultural Instructors from both MHS and VMHS, PBK Architects presented a master plan. The master plan incorporated those recommended suggestions into two designs. One design is to construct one large facility to be shared by both schools. The second design is for individual facilities. The plan consists of individual hog, pig, goat, lamb and steer pens, with storage rooms, classrooms, concession stand, wash racks, arena, loading shoots and parking lots. In order to proceed with the project, the Board of Trustees must approve the construction project, approve an estimated total construction budget, approve the procurement method and select an architect for the full design, development and administration. The Facilities Committee tabled this project due to the probability that the master plan would be over budget.

Administration continued to meet with MHS and VMHS Agricultural Instructors along with PBK Architects on the master plan and have agreed to a conceptual preliminary design that will be suitable to both instructors and campuses. The next phase of this project is requesting consideration and approval for the construction of a new Agricultural Science Facility and a proposed budget.

At the Special Board of Trustees Meeting held on Wednesday, October 01, 2014, the Board approved the construction of a new Ag Facility and Budget.

At the Regular Board of Trustees Meeting held on Wednesday, March 11, 2015, the Board approved “Final” designs. PBK Architects will proceed to complete construction documents. The construction of the driveway and parking lot is under a separate budget and contract. Mr. Javier Hinojosa Civil Engineering is under contract for this portion of the work

At the Special Board of Trustees meeting held on Wednesday, August 26, 2015, the Board approved to enter into contract with D. Wilson Construction.

General Funds
Construction Budget: $2,750,000.00
Total Construction Budget: $3,500,000.00
Wilson Const. BAFO: $2,607,000.00

Project final completion: 08/20/2016

At the Regular Board of Trustees Meeting held on November 11, 2020, the Board was informed that discussions with the previous Administration were held concerning what to do with the old agricultural farm. Discussions centered on that the old farm was in bad shape structurally and aesthetically and needed to be torn down since we now had built a new facility for both campuses. Discussions then were held on trying to keep some of the structure, pour concrete flooring, install tables and make this into a picnic area. This did not occur and was not a priority project.

Recently, parents and students continue to use these old facilities. Upon inspecting the conditions and makeshift electrical and power installations we declared that this area was not safe and the maintenance department proceeded to disconnect all electrical power to these buildings due to a potential fire and electrical hazard.

The question has now been asked what are we to do with these old structures, thus this presentation to the Board of Trustees. Current pictures are attached to show the conditions of the buildings. A consideration is that the center structure be demolished due to its poor condition. With work and funding possibly the west and east structure may be salvaged for a temporary holding pen(s) during livestock shows at the new facility. The other structure may possibly be converted into a picnic area. Work that would need to be done is: (not all inclusive)

- Demolition of at least one structure
- Removal of old electrical, plumbing and camera devices
- Sandblasting of the structures
- Preparing and painting of the structures
- Concrete flooring
- New installation of electrical, plumbing and camera/security systems
- Possible repairs of pens
- Civil work
- Does not include any roofing work

After reviewing the condition of the old Agricultural Science Barn, the Maintenance department and Administration has deemed that they are both a structural and electrical hazard and that these structures are not safe for students, families or animal projects. Administration, C & I and the CTE Department have discussed and have made the decision to have these structures removed in the best interest of safety. Due to the nature of the project structural engineering will be required.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects. However, at the November 10, 2021 Board of Trustees meeting, the Board approved Job Order Contracting (JOC) and this method may be used for this smaller project.

Administration used the on-call professional services agreement for the project assessment. Chanin Structural Engineering's estimated project cost is $50,000.00.

At the Regular Board of Trustees Meeting held on August 11, 2021, the Board approved of Utilizing the On-call Professional Services for the Demolition of Old Agricultural Science Barns Project – Chanin Structural Engineering.

At the Regular Board of Trustees Meeting held on December 15, 2021, the Board approved Schematic Design for the Demolition of the Old Agriculture Barn Project – Chanin

ADMINISTRATIVE CONSIDERATIONS

Chanin Engineering has continued to meet with MCISD Staff and Administration on the designs, thus administration will be presenting Final Design for the Demolition of the Old Agriculture Barn Project. Designs have been reviewed and

approved by staff. If approved Administration will move forward to seek proposals for the demolition or utilize our approved on-call listing.

FUNDING SOURCE AND AMOUNT

General Funds

Est. Project Budget:	$50,000.00
Project Contingency 20%:	$10,000.00
Est. Professional Services 12%:	$ 6,000.00
Est. Total Project Cost:	$66,000.00

RECOMMENDATION

Administration presents Final Design for the Demolition of the Old Agriculture Barn Project – Chanin Engineering.

EXHIBIT

Final Design

CONTACT PERSONS

Rick Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

MISSION CISD

AG SCIENCE BARN DEMO

Mission, Texas

DRAWING INDEX

STRUCTURAL

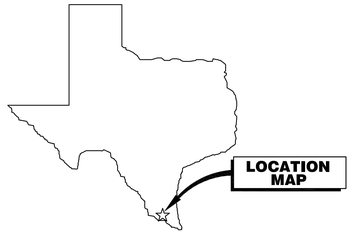
S1.0 DEMOLITION/STAGING SITE PLAN
S2.0 DEMOLITION TIN SHED BLDGS. AND GENERAL DEMOLITION NOTES
S2.1 DEMOLITION TIN SHED DIRT FLOOR BLDGS. AND GENERAL DEMOLITION NOTES
S2.2 DEMOLITION TIN SHED BLDGS. AND GENERAL DEMOLITION NOTES

CIVIL

C1.0 EXISTING SITE
C1.1 EXISTING SITE



V I C I N I T Y M A P N. T. S.
1205 W Griffin Pkwy,
Mission, Texas 78572



MISSION, TEXAS

☆ SCHOOL BOARD ☆

CAROL G. PEREZ, ED.D. ☆☆☆☆☆☆☆☆☆☆ SUPERINTENDENT

JERRY ZAMORA ☆☆☆☆☆☆☆☆☆☆☆☆☆☆ BOARD PRESIDENT
VERONICA R. MENDOZA ☆☆☆☆☆☆☆☆☆☆ VICE-PRESIDENT
ROY VELA ☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆ SECRETARY
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JUAN M. GONZALEZ ☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER
IRIS IGLESIAS ☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER

STRUCTURAL ENGINEER

CHANIN ENGINEERING, LLC

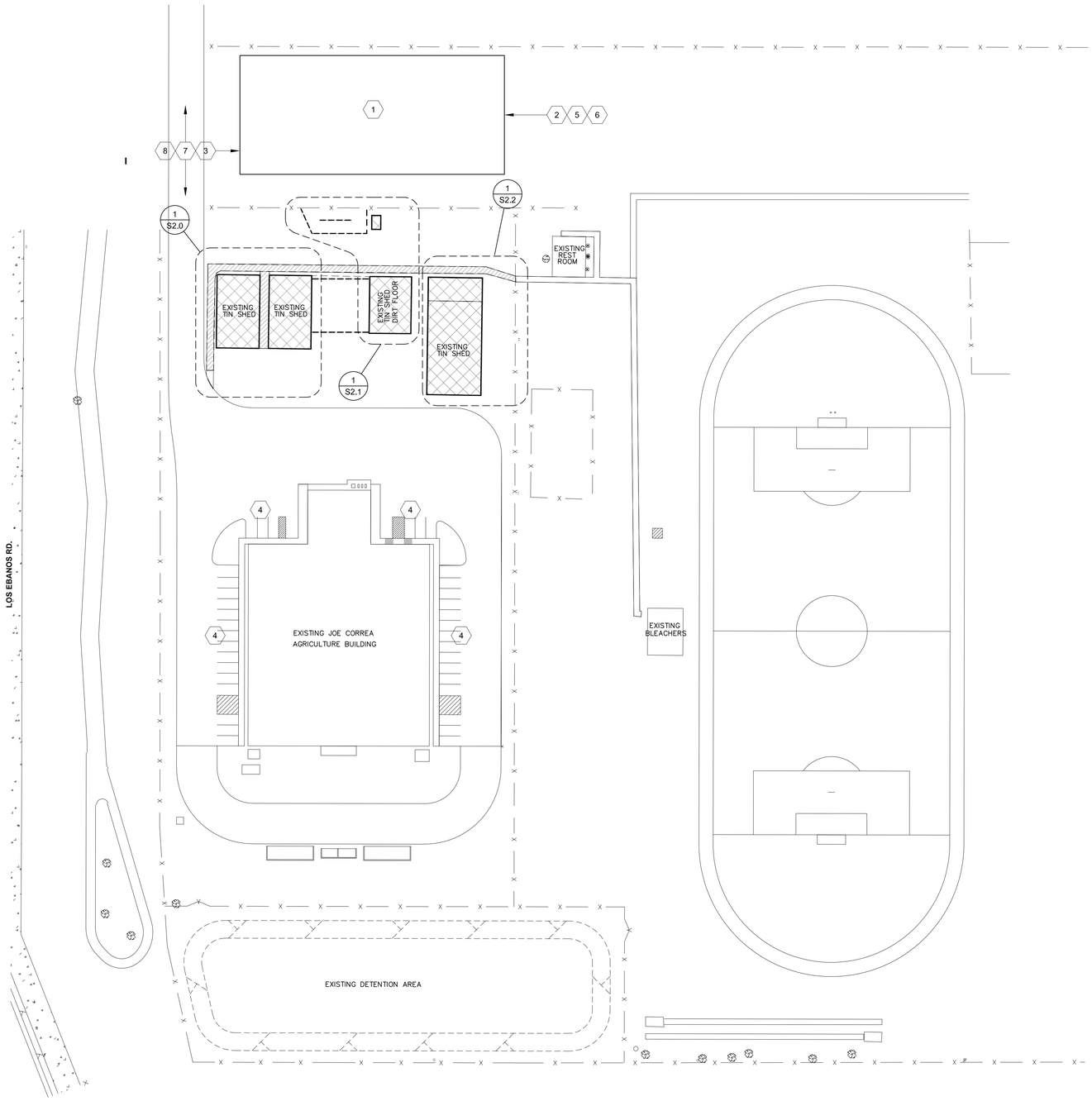
TBPE FIRM REG. NUMBER F-9369
PH: (956) 687-9421
FAX: (956) 687-3211
400 Nolana, Suite H2
McAllen, Texas 78504
www.chaninengineering.com

CONSTRUCTION DEPARTMENT
520 N. HOLLAND AVENUE
MISSION, TEXAS 78572
TEL: (956) 323-8960 FAX: (956) 323-8177

CIVIL ENGINEER

JAVIER HINOJOSA ENGINEERING
416 E. DOVE AVENUE
McAllen, TX 78504
TEL: 956-668-1588

CS



KEY NOTES:

1. CONSTRUCTION STAGING AREA
2. 6' HIGH CHAIN LINK FENCE WITH PRIVACY SCREEN AROUND STAGING AREA AND TEMPORARY PARKING AND CONSTRUCTION SITE.
3. SECURE ACCESS POINT. GENERAL CONTRACTOR TO DIRECT ANY INDIVIDUALS THAT WILL BE CHECKING IN AT FRONT OFFICE.
4. MISSION INDEPENDENT SCHOOL DISTRICT PARKING AREAS ARE PROHIBITED, FOR CONSTRUCTION PARKING.
5. BOUNDARY AREA FOR TEMPORARY CONSTRUCTION PARKING.
6. 12' GATE FOR DELIVERY OF MATERIALS AND LARGE EQUIPMENT ONLY. GATE TO REMAIN LOCKED AT ALL OTHER TIMES.
7. PREPARE AREA FOR VEHICULAR ACCESS AND PATCH AT END OF PROJECT CONSTRUCTION. APPLIES ON ENTIRE SITE.
8. PATHS FROM STAGING AREA TO CONSTRUCTION AREAS TO BE DISCUSSED WITH DISTRICT STAFF PRIOR TO INITIATION WORK.

DEMOLITION LEGEND:

- DEMOLISHED ITEM
- DEMOLISH STRUCTURE
- DEMOLISH SLAB

PLAN NORTH

DEMOLITION/STAGING SITE PLAN

SCALE: N.T.S.

100% FOR OWNER REVIEW

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SEAL:

STATE OF TEXAS
MIGUEL CHANIN
93127
LICENSED PROFESSIONAL ENGINEER
1-26-22

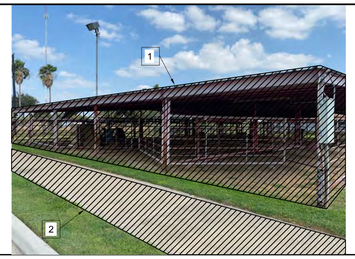
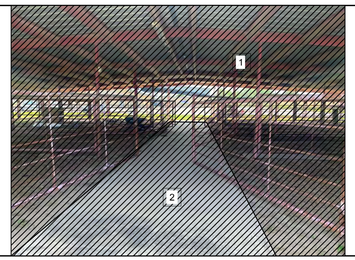
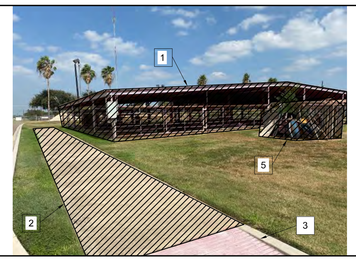
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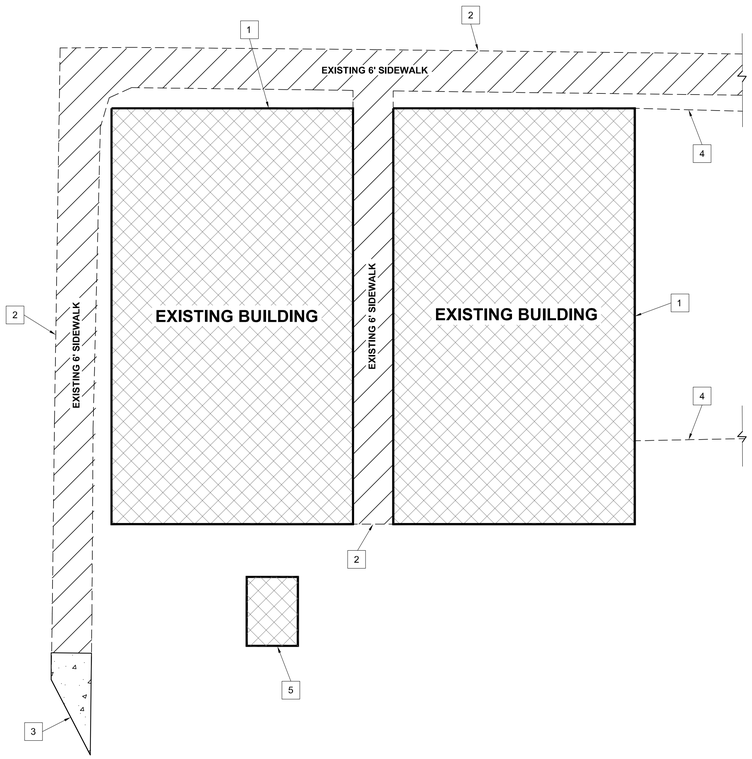
PROJECT:

MCISD AG SCIENCE BARN DEMO

1205 W Griffin Pkwy, Mission, Texas 78572

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DEMOLITION LEGEND:

- DEMOLISHED ITEM
- DEMOLISH STRUCTURE
- DEMOLISH SLAB
- EXISTING SIDEWALK/RAMP TO REMAIN

PLAN NORTH

1 - DEMOLITION TIN SHED BLDGS.

SCALE: 1/8"=1'-0"

DEMOLITION KEY NOTES

1. REMOVE STRUCTURE, FOUNDATION AND ALL ASSOCIATED ITEMS IN ITS ENTIRETY INCLUDING MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS.
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6. CONTRACTOR TO FILL EXISTING ABANDONED SEPTIC TANKS WITH SAND OR FLOWABLE FILL.

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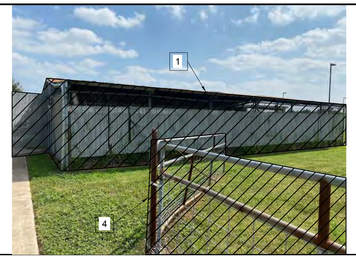
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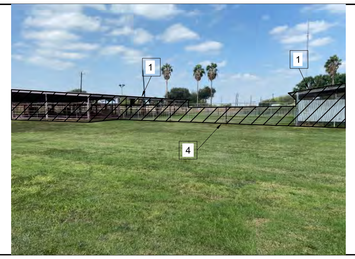
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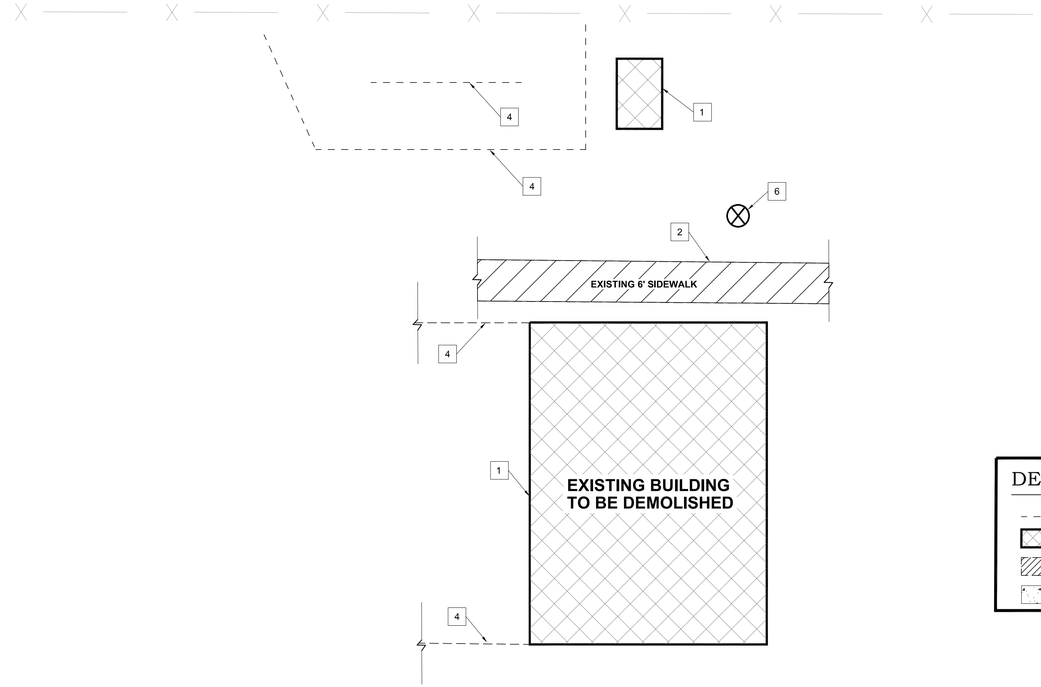
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100% FOR OWNER REVIEW

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400 Nolana, Suite H2
McAllen, Texas 78504
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TBPE FIRM REG. NUMBER F-9369

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416 E. DOVE AVENUE
McAllen, TX 78504
TEL: 956-668-1588

SEAL:

STATE OF TEXAS
MIGUEL CHANIN
93127
LICENSED PROFESSIONAL ENGINEER
1-26-22

Mission CISD

PROJECT:
MCISD AG SCIENCE BARN DEMO
1205 W Griffin Pkwy, Mission, Texas 78572

JOB NO.	21-185
DATE.	1/26/22
DRAWN BY.	EC
CHECKED BY:	M.C.
REVISION:	

DRAWING NO.
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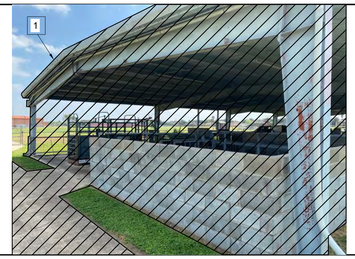
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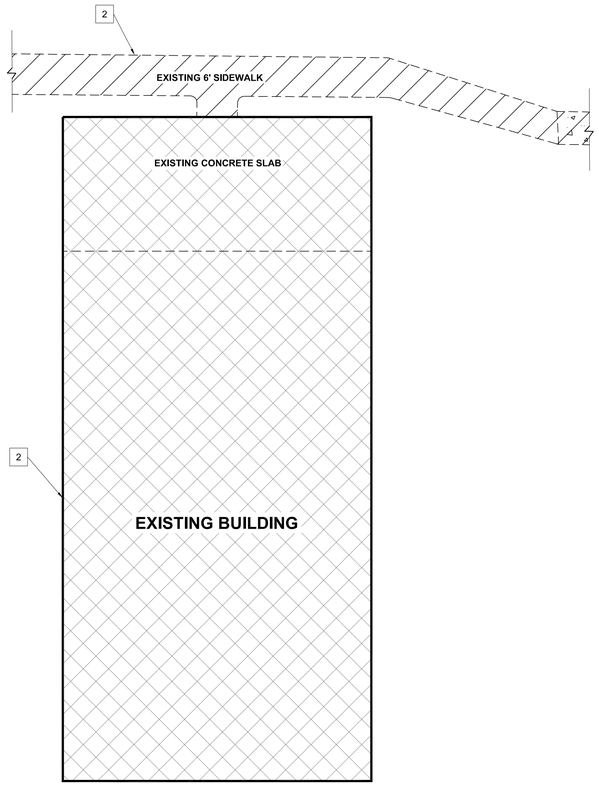
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DEMO PHOTO | 2



DEMOLITION LEGEND:

- DEMOLISHED ITEM
- DEMOLISH STRUCTURE
- DEMOLISH SLAB
- EXISTING SIDEWALK/RAMP TO REMAIN

PLAN NORTH

1 - DEMOLITION TIN SHED BLDGS.

SCALE: N.T.S.

DEMOLITION KEY NOTES

1. REMOVE STRUCTURE, FOUNDATION AND ALL ASSOCIATED ITEMS IN ITS ENTIRETY INCLUDING MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS.
2. REMOVE EXISTING SLAB/SIDEWALK IN ITS ENTIRETY
3. EXISTING SIDEWALK/RAMP TO REMAIN UNDISTURBED.
4. REMOVE FENCING/GATES AND ASSOCIATED ITEMS IN ITS ENTIRETY.
5. REMOVE ALL DEBRIS PRESENT AT SITE
6. CONTRACTOR TO FILL EXISTING ABANDONED SEPTIC TANKS WITH SAND OR FLOWABLE FILL.

GENERAL DEMOLITION NOTES:

1. THIS DEMOLITION PLAN OUTLINES THE SCOPE OF THE WORK INVOLVED FOR THE INITIAL DEMOLITION PHASE OF THIS PROJECT.
2. EXISTING CONDITIONS INFORMATION WAS OBTAINED FROM SITE VISITS AND INFORMATION SUPPLIED TO THE ENGINEER, THE CONTRACTOR IS TO VERIFY EXACT LOCATIONS, SIZES, ELEVATIONS, ETC. AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
3. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN ON SITE, THE CONTRACTOR SHALL REPAIR THE DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
4. ALL FLATWORK WITHIN BOUNDARIES OF DEMOLITION EXTENT SHOWN SHALL BE REMOVED UNLESS OTHERWISE NOTED.
5. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
6. CONTRACTOR SHALL CONTACT ALL UTILITY SERVICE PROVIDERS TO DETERMINE COSTS ASSOCIATED WITH DEMOLITION/RELOCATION OF UTILITIES. ALL ASSOCIATED COSTS SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
7. CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION NOTED TO REMAIN FROM DAMAGE AND SOILING DURING DEMOLITION. REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND NOISE PROOF PARTITION BETWEEN CONSTRUCTION AREA AND ADJACENT PROPERTIES AS NECESSARY
9. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. THAT ARE TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD CONDITION. G.C. SHALL DELIVER ALL SALVAGED ITEMS TO THE OWNER'S STORAGE FACILITY AT NO ADDITIONAL COST TO THE OWNER.
10. THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
11. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ENGINEER IMMEDIATELY FOR RESOLUTION.
12. PROTECT EXISTING SITE IMPROVEMENTS AND LANDSCAPING TO REMAIN, INCLUDING BUT NOT LIMITED TO EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
13. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY THE CITY.
14. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
15. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION. TEMPORARY SERVICE INTERRUPTIONS SHALL NOT EXCEED 4 HOURS IN DURATION.
16. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT WITH ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVICING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
17. REMOVE ANY EXISTING VINYL MATERIALS IN ACCORDANCE WITH EPA STANDARDS, NOTIFY THE ENGINEER & OWNER OF ANY ADDITIONAL ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK.
18. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT AND SALVAGEABLE MATERIALS SHOWN TO BE REMOVED.
19. CONTRACTOR SHALL COORDINATE DEMOLITION ACTIVITY WITH THE REQUIRED AIR MONITORING CONSULTANT. EXISTING ASBESTOS AT BUILDINGS SHALL ABATED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER PRIOR TO COMMENCING THE PROPOSED DEMOLITION AND RENOVATION WORK.
20. MCISD AND ENGINEER REQUIRE A 48 HOUR NOTICE FOR ANY UTILITY OUTAGE DURING PROJECT.
21. LIMITS OF DEMOLITON BOUNDARY DENOTES AREA WHERE ALL EXISTING CONSTRUCTION AND FLATWORK IS TO BE REMOVED AND AREA IS TO BE REGARDED PER CIVIL DRAWINGS. ALL WORK OCCURRING OUTSIDE THE DENOTED BOUNDARY INCLUDING BUT NOT LIMITED TO RE-ROUTING OF ELECTRICAL, PLUMBING, GAS, AND TELECOMMUNICATIONS LINES SHALL BE PERFORMED IN SUCH MANNER THAT ALL EXISTING CONSTRUCTION ELEMENTS SHALL BE RESTORED TO THEIR ORIGINAL STATE.
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DRAWN BY. EC
CHECKED BY: M.C.
REVISION:

DRAWING NO.
S2.2

SUBJECT: Final Design for the Demolition of Roosevelt Alternative Auditorium – Chanin Engineering

PRESENTER: Rick Rivera, Executive Director for Maintenance/Facilities/Construction

BACKGROUND INFORMATION

As per current information available, the Roosevelt Alternative Campus was constructed on or about 1929 as an elementary school. The campus since then has gone through several renovations/additions throughout the years. The campus had an auditorium with seating, a performance stage and a basement which consisted of storage areas and dressing rooms. Per our recollection, the last MCISD performance on the stage was a play performed by the Veterans Memorial High School class of 2005-2006. The auditorium began to have structural issues and most notably the roof structure. The building roof began to collapse and the building became a safety hazard with the Maintenance department being directed to chain and lock the doors so no one could enter the building.

The Historical Society presented and approved that this auditorium and adjacent two educational classrooms be designated a historical landmark, this was done in 2002.

At the Facilities Committee meeting held on Wednesday, April 06, 2016 Administration presented a fee proposal from Rick Hinojosa Structural Engineering for a structural assessment and feasibility study for the Roosevelt Auditorium Building. After discussion the recommendation was tabled and not presented at the subsequent Board of Trustees meeting.

Mission CISD is once again exploring the structural condition of the Roosevelt Auditorium and what can be done so that it will not become a safety hazard to either students and staff along with damage to adjacent buildings. It appears that extensive deterioration has occurred throughout the entire building due to many years of the building being vacant and just because of aging.

Ms. Adela Ortega, Historical Society Member for the County of Hidalgo met with Dr. Perez, MCISD Superintendent and Mr. Rick Rivera, Assistant Superintendent for Operations on Monday, November 04, 2019 and gave a brief history lesson on the Roosevelt Auditorium and its significance to the City of Mission. In meeting with Ms. Ortega, she stated that possibilities with organizations such as the Historical Society may have “grant” monies for building restoration. Administration advised her that a structural feasibility study would need to be considered first to assess the building and advise parties of an estimated cost for the project. Ms. Ortega attended the Facilities/Environment Committee meeting and made a presentation to the Committee and those in attendance on the history of the auditorium and its significance.

Should the Board of Trustees consider this structural feasibility study the necessary action in accordance with Texas Education Code 44.035 which consists of the selection/designation of an architect and/or engineer to prepare construction documents for this project must be taken. The engineer and/or architect selected or designated will have full responsibility for complying with the Texas Engineering Practice Act (Article 3271a, Vernon’s Texas Civil Statues) or Chapter 478, Acts of the 45th Legislature, Regular Session, 1937 (Article 249a, Vernon’s Texas Civil Statues) as applicable.

If the engineer or architect is not a full-time employee of the District, the Board must select the engineer or architect on the basis of demonstrated competence and qualifications as provided by Section 2254.004, Government Code.

Administration recommends Consideration and Approval to Advertise for Request for Qualifications (RFQ) for the Selection of Structural Engineering Services for Roosevelt Auditorium.

Note: The Board may direct Administration to advertise for request for qualifications (RFQ's) for this project. All Engineers must have demonstrated expertise and competence in current or past projects.

At the Regular Board of Trustees Meeting held on November 13, 2019, the Board approved to Consideration and Approval to Advertise for Request for Qualifications (RFQ) for the Selection of Structural Engineering Services for Roosevelt Auditorium.

At the Special Board of Trustees meeting held on January 29, 2020, the Board approved the ranking and selection for professional services for the district-wide construction projects the selected firm awarded to negotiate was Ricardo Hinojosa Engineering.

At the Regular Board of Trustees meeting held on February 12, 2020 the Board approved to grant authority to Superintendent Dr. Perez, to authorize the negotiations the contract for professional services for the district-wide construction projects. The selected firm awarded the project was Ricardo Hinojosa Engineering to do an assessment.

At the Regular Board of Trustees meeting held on April 14, 2021, a presentation from Hinojosa Structural Engineering on their visual structural condition assessment of the Roosevelt Auditorium building was presented. A report was submitted on or about November 2020 and identified serious deficiencies in the roof and wall structural components along with flooring and foundation deterioration. As per the assessment and due to these deficiencies and failures, the building does not have adequate load supporting systems and shows numerous signs of structural distress and in their professional opinion it is unsafe and should not be occupied until these deficiencies and failures are addressed.

Two options were reported of which option #1 is to consider demolition of the entire structure, removal of debris and leveling of the site at an estimated cost of $175,000.00. Option #2 would be to consider making needed repairs to correct these deficiencies and failures to include roof replacement, ceiling, floor, electrical, plumbing, A/C, restrooms, seating and rehabilitation of foundation and walls at an estimated cost of $1,500,000.00.

As mentioned in the report, the Roosevelt School Auditorium and Classroom Addition is listed in the National Register of Historic Places. And in Hinojosa speaking with Ms. Lydia Woods-Boone, Program Coordinator, Federal & State Review Program Division of Architecture for the Texas Historical Commission, whichever option the school district takes, the district will need to coordinate with Greg Smith the National Register Coordinator.

After discussion the Board voted for option #1 and to proceed filing the required documentation with the Texas Historical Commission. Structural engineering services will be required.

Submission of mandatory documents to the Commission require that an engineer be on file for the possible approval of Option #1.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects. However, at the November 10, 2021 Board of Trustees meeting, the Board approved Job Order Contracting (JOC) and this method may be used for this smaller project.

Administration used the on-call professional services agreement for the project assessment. Chanin Structural Engineering's estimated project cost is $175,000.00.

At the Regular Board of Trustees Meeting held on August 11, 2021, the Board approved Consideration and Approval of Utilizing the On-call Professional Services for the Demolition of Roosevelt Alternative Auditorium Project – Chanin Structural Engineering.

At the Regular Board of Trustees Meeting held on December 15, 2021, the Board approved schematic designs, thus Administration will be presenting Schematic Design for the Demolition of Roosevelt Alternative Auditorium – Chanin Engineering.

ADMINISTRATIVE CONSIDERATIONS

Chanin Engineering has continued to meet with MCISD Staff and Administration on the designs, thus Administration will be presenting Final Design for the Demolition of Roosevelt Alternative Auditorium. Designs have been reviewed and approved by staff. If approved Administration will move forward to seek proposals for the demolition or utilize our approved on-call listing.

Note: MCISD has been in communication with the Texas Historical Commission and they have issued this statement: "The THC has no review authority over this project, even though it will result in the demolition of a building that is listed in the National Register of Historic Places. We would prefer to see the building preserved, but the final decision is in the hands of the ISD.

In order to keep the National Register data up-to-date, we request that after the building has been demolished the ISD send us documentation to verify the building is gone and we will process the property's removal from the National Register. Some photos of the site before and after demolition will suffice".

Gregory W. Smith

FUNDING SOURCE AND AMOUNT

Local Funds

Est. Project Budget:	$175,000.00
Project Contingency 20%:	$ 35,000.00
Est. Professional Services 12%:	$ 21,000.00
Est. Total Project Cost:	$231,000.00

RECOMMENDATION

Administration presents Final Design for the Demolition of Roosevelt Alternative Auditorium – Chanin Engineering.

EXHIBIT

Final Design

CONTACT PERSONS

Rick Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

MISSION CISD
ROOSEVELT AUDITORIUM DEMO

Mission, Texas

D R A W I N G I N D E X

STRUCTURAL

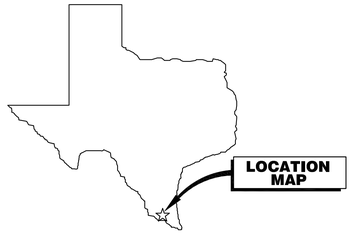
S1.0 DEMOLITION SITE PLAN
S2.0 DEMOLITION ROOSEVELT AUDITORIUM
S2.1 FOUNDATION, FRAMING PLANS AND DETAILS

CIVIL

C1.0 EXISTING UTILITY AND TOPOGRAPHIC LAYOUT
C2.0 PARTIAL GRADING PLAN



V I C I N I T Y M A P N. T. S.
407 E 3rd St. Mission, Texas 78572



MISSION, TEXAS

☆ SCHOOL BOARD ☆

CAROL G. PEREZ, ED.D. ☆☆☆☆☆☆☆☆☆☆ SUPERINTENDENT

JERRY ZAMORA ☆☆☆☆☆☆☆☆☆☆☆☆☆☆ BOARD PRESIDENT
VERONICA R. MENDOZA ☆☆☆☆☆☆☆☆☆☆ VICE-PRESIDENT
ROY VELA ☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆ SECRETARY
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MINNIE R. RODGERS ☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER
JUAN M. GONZALEZ ☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER
IRIS IGLESIAS ☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER

STRUCTURAL ENGINEER

CHANIN ENGINEERING, LLC

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Mission CISD

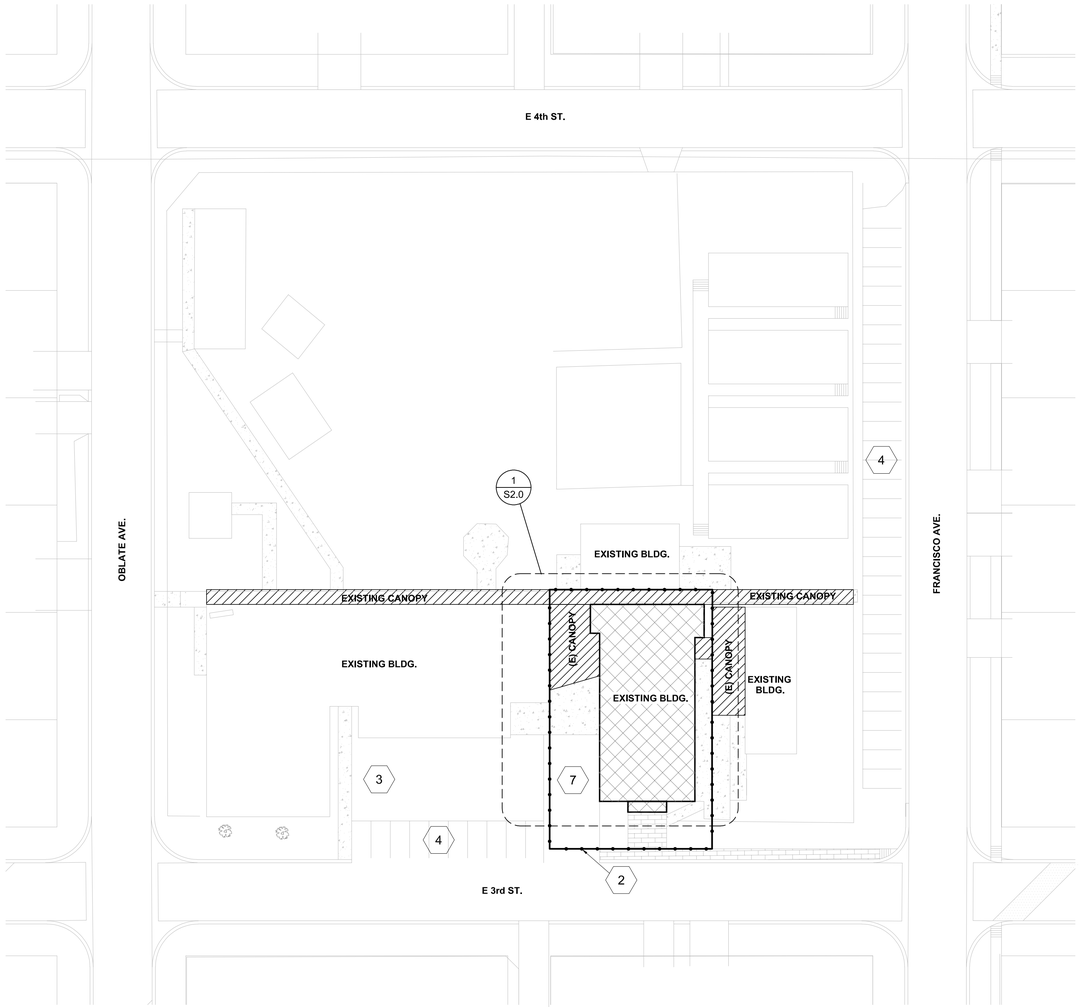
CONSTRUCTION DEPARTMENT
520 N. HOLLAND AVENUE
MISSION, TEXAS 78572
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CIVIL ENGINEER

JEH

JAVIER HINOJOSA ENGINEERING
416 E. DOVE AVENUE
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TEL: 956-668-1588

CS



KEY NOTES:

1. CONSTRUCTION STAGING AREA
2. 6' HIGH CHAIN LINK FENCE WITH PRIVACY SCREEN AROUND STAGING AREA AND TEMPORARY PARKING AND CONSTRUCTION SITE. T.B.D.
3. SECURE ACCESS POINT. GENERAL CONTRACTOR TO DIRECT ANY INDIVIDUALS THAT WILL BE CHECKING IN AT FRONT OFFICE.
4. MISSION INDEPENDENT SCHOOL DISTRICT PARKING AREAS ARE PROHIBITED, FOR CONSTRUCTION PARKING.
5. BOUNDARY AREA FOR TEMPORARY CONSTRUCTION PARKING. T.B.D.
6. 12' GATE FOR DELIVERY OF MATERIALS AND LARGE EQUIPMENT ONLY. GATE TO REMAIN LOCKED AT ALL OTHER TIMES. T.B.D.
7. PREPARE AREA FOR VEHICULAR ACCESS AND PATCH AT END OF PROJECT CONSTRUCTION. APPLIES ON ENTIRE SITE.
8. PATHS FROM STAGING AREA TO CONSTRUCTION AREAS TO BE DISCUSSED WITH DISTRICT STAFF PRIOR TO INITIATION WORK.

DEMOLITION LEGEND:

- DEMOLISH
- EXISTING SIDEWALK/RAMP TO REMAIN
- EXISTING PAVERS TO REMAIN
- EXISTING CANOPY TO REMAIN

N
PLAN NORTH

DEMOLITION SITE PLAN

SCALE: N.T.S.

100% FOR OWNER REVIEW

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STATE OF TEXAS
MIGUEL CHANIN
93127
LICENSED PROFESSIONAL ENGINEER
1-26-22

Mission CISD

PROJECT:
MCISD ROOSEVELT AUDITORIUM DEMO
407 E 3rd St. Mission, Texas 78572

JOB NO. 21-186
DATE. 1/26/22
DRAWN BY. EC,VDV
CHECKED BY: M.C.
REVISION:

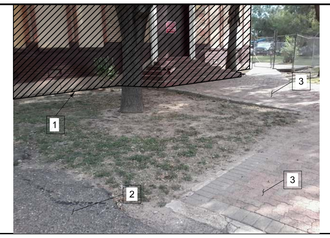
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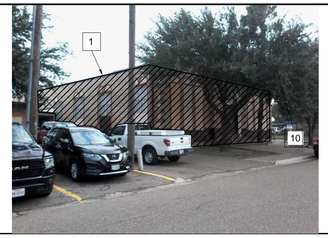
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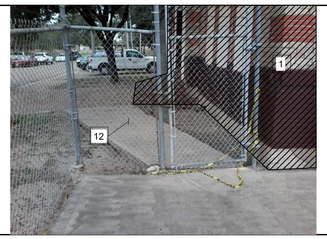
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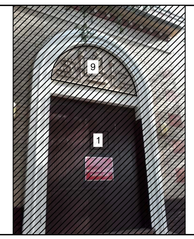
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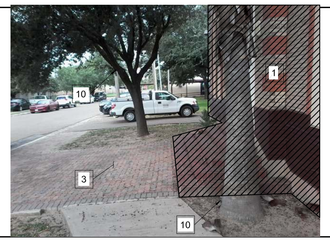
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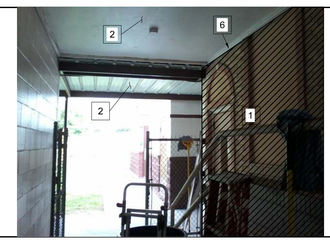
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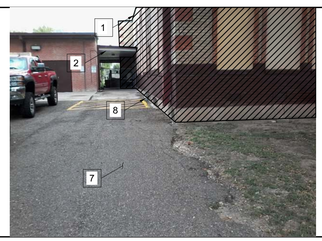
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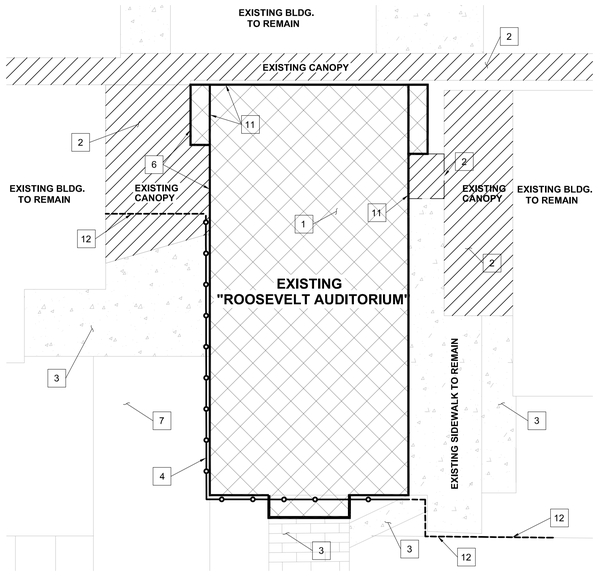


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ASBESTOS NOTE:
CONTRACTOR TO FOLLOW ASBESTOS REPORT PROVIDED BY RABA KISTNER DATED 11-02-21 FOR RESULTS AND RECOMMENDATIONS.



DEMOLITION LEGEND:

- DEMOLISH
- EXISTING SIDEWALK/RAMP TO REMAIN
- EXISTING PAVERS TO REMAIN
- EXISTING CANOPY TO REMAIN
- NEW FENCING TO BE INSTALLED BY CONTRACTOR
- EXISTING FENCE TO REMAIN UNDISTURBED

PLAN NORTH

1 - DEMOLITION "ROOSEVELT AUDITORIUM"

SCALE: 1/8"=1'-0"

DEMOLITION KEY NOTES

1. REMOVE STRUCTURE, FOUNDATION AND ALL ASSOCIATED ITEMS INCLUDING MECHANICAL, ELECTRICAL, AND PLUMBING COMPONENTS IN ITS ENTIRETY. CONTRACTOR TO CAREFULLY REMOVE A 16 ft x 16 ft AREA OF LIGHT BROWN, ORANGE, AND MAROON COLORED BRICK EACH. CONTRACTOR TO TRANSPORT BRICKS AT THE OWNERS PREFERRED LOCATION AT NO EXTRA COST.
2. EXISTING CANOPY TO REMAIN UNDISTURBED.
3. EXISTING SIDEWALK/RAMP TO REMAIN UNDISTURBED.
4. INDICATES OUTLINE OF NEW FENCE FOR CONTRACTOR TO INSTALL UPON COMPLETION OF DEMOLITION.
5. INSTALL NEW GUTTER IN. KIND THOSE TO REMAIN.
6. INSTALL NEW COLUMN AND FOOTING SYSTEM ALONG EXISTING STRUCTURES EDGE TO BE DEMOLISHED TO SUPPORT EXISTING CANOPY TO REMAIN.
7. EXISTING PAVING TO REMAIN UNDISTURBED.
8. CONTRACTOR TO COORDINATE DEMOLITION OF ELECTRICAL FEEDER WITH THE SCHOOL DISTRICT AND UTILITY COMPANIES AS REQUIRED.
9. BUILDING LOCATION PLAQUE. SAVE FOR OWNER
10. TREES TO BE TRIMMED AS REQUIRED. CONTRACTOR TO COORDINATE WITH OWNER.
11. CONTRACTOR TO INSTALL NEW FENCING AFTER DEMOLITION IS COMPLETE.
12. EXISTING FENCE TO REMAIN UNDISTURBED.

GENERAL DEMOLITION NOTES:

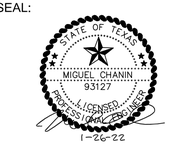
1. THIS DEMOLITION PLAN OUTLINES THE SCOPE OF THE WORK INVOLVED FOR THE INITIAL DEMOLITION PHASE OF THIS PROJECT.
2. EXISTING CONDITIONS INFORMATION WAS OBTAINED FROM SITE VISITS AND INFORMATION SUPPLIED TO THE ENGINEER, THE CONTRACTOR IS TO VERIFY EXACT LOCATIONS, SIZES, ELEVATIONS, ETC. AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
3. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN ON SITE, THE CONTRACTOR SHALL REPAIR THE DAMAGE AT NO ADDITIONAL COST TO THE OWNER.
4. ALL FLATWORK WITHIN BOUNDARIES OF DEMOLITION EXTENT SHOWN SHALL BE REMOVED UNLESS OTHERWISE NOTED.
5. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
6. CONTRACTOR SHALL CONTACT ALL UTILITY SERVICE PROVIDERS TO DETERMINE COSTS ASSOCIATED WITH DEMOLITION/RELOCATION OF UTILITIES. ALL ASSOCIATED COSTS SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
7. CONTRACTOR SHALL PROTECT ALL EXISTING CONSTRUCTION NOTED TO REMAIN FROM DAMAGE AND SOILING DURING DEMOLITION. REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND NOISE PROOF PARTITION BETWEEN CONSTRUCTION AREA AND ADJACENT PROPERTIES AS NECESSARY
9. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. THAT ARE TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD CONDITION. G.C. SHALL DELIVER ALL SALVAGED ITEMS TO THE OWNER'S STORAGE FACILITY AT NO ADDITIONAL COST TO THE OWNER.
10. THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
11. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ENGINEER IMMEDIATELY FOR RESOLUTION.
12. PROTECT EXISTING SITE IMPROVEMENTS AND LANDSCAPING TO REMAIN, INCLUDING BUT NOT LIMITED TO EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
13. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY THE CITY.
14. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
15. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION. TEMPORARY SERVICE INTERRUPTIONS SHALL NOT EXCEED 4 HOURS IN DURATION.
16. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT WITH ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVICING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
17. REMOVE ANY EXISTING VINYL MATERIALS IN ACCORDANCE WITH EPA STANDARDS, NOTIFY THE ENGINEER & OWNER OF ANY ADDITIONAL ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK.
18. OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT AND SALVAGEABLE MATERIALS SHOWN TO BE REMOVED.
19. CONTRACTOR SHALL COORDINATE DEMOLITION ACTIVITY WITH THE REQUIRED AIR MONITORING CONSULTANT. EXISTING ASBESTOS AT BUILDINGS SHALL ABATED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER PRIOR TO COMMENCING THE PROPOSED DEMOLITION AND RENOVATION WORK.
20. MCISD AND ENGINEER REQUIRE A 48 HOUR NOTICE FOR ANY UTILITY OUTAGE DURING PROJECT.
21. LIMITS OF DEMOLITION BOUNDARY DENOTES AREA WHERE ALL EXISTING CONSTRUCTION AND FLATWORK IS TO BE REMOVED AND AREA IS TO BE REGRADED PER CIVIL DRAWINGS. ALL WORK OCCURRING OUTSIDE THE DENOTED BOUNDARY INCLUDING BUT NOT LIMITED TO RE-ROUTING OF ELECTRICAL, PLUMBING, GAS, AND TELECOMMUNICATIONS LINES SHALL BE PERFORMED IN SUCH MANNER THAT ALL EXISTING CONSTRUCTION ELEMENTS SHALL BE RESTORED TO THEIR ORIGINAL STATE.

100% FOR OWNER REVIEW

CHANIN ENGINEERING, LLC
PH: (956) 687-9421
FAX: (956) 687-3211
www.chaninengineering.com
TBPE FIRM REG. NUMBER F-9369

CIVIL: JAVIER HINOJOSA ENGINEERING
419 E. DOVE AVENUE
McAllen, TX 78504
TEL: 956-668-1588

SEAL:



Mission CISD

PROJECT:
MCISD ROOSEVELT AUDITORIUM DEMO
407 E 3rd St. Mission, Texas 78572

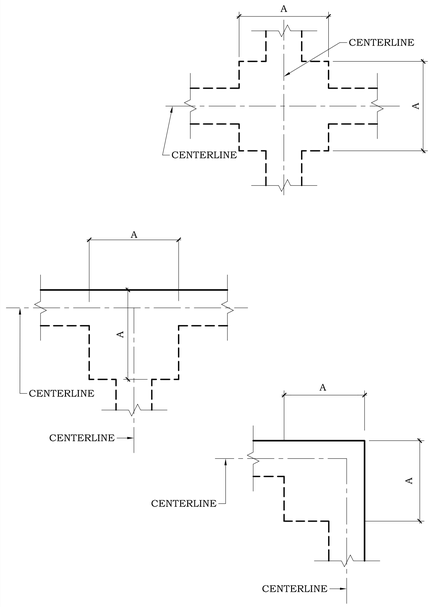
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DATE.	1/26/22
DRAWN BY.	EC,VDV
CHECKED BY:	M.C.
REVISION:	

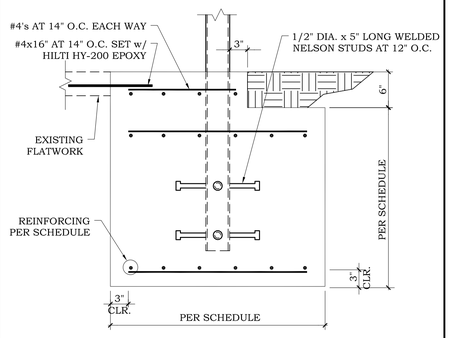
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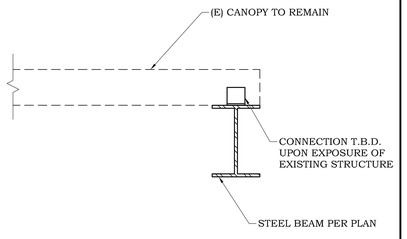
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NOT USED	5	FOOTING SCHEDULE	1
NOT USED	6	FOOTING AT STEEL COLUMN	2
NOT USED	7	EXISTING CANOPY TO STEEL BEAM	3

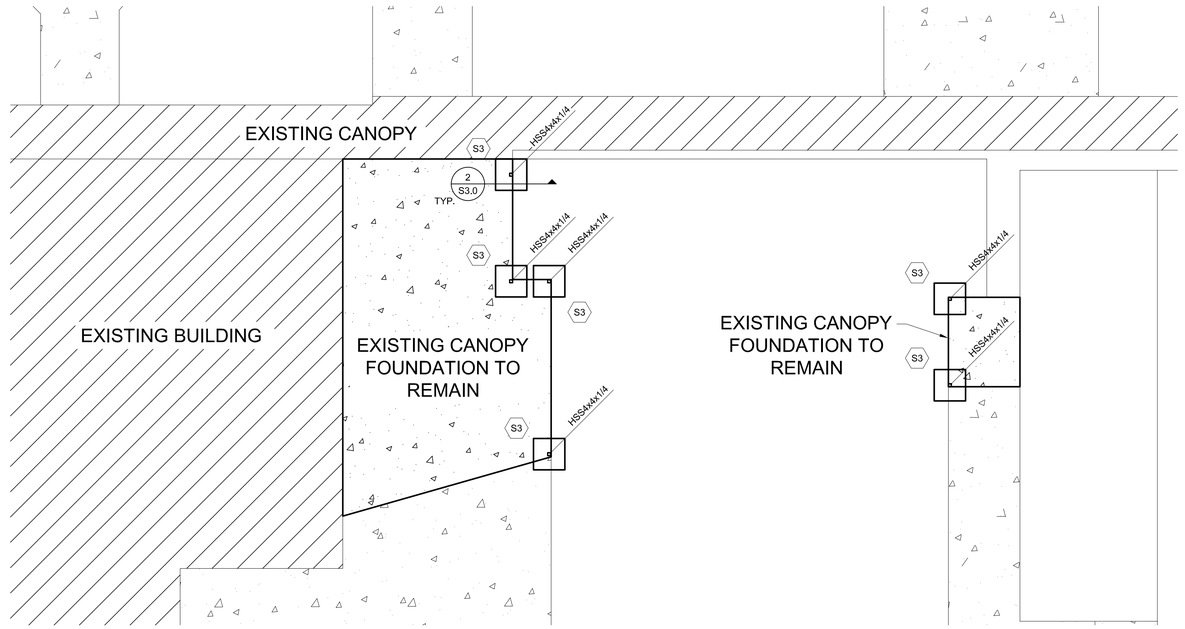
FOOTING SCHEDULE AT STEEL COLUMNS

TYPE	A	DEPTH	REBAR REINFORCEMENT
S3	3'-6"	3'-0"	#5'S @ 12" O.C. E.W. TOP & BOTTOM







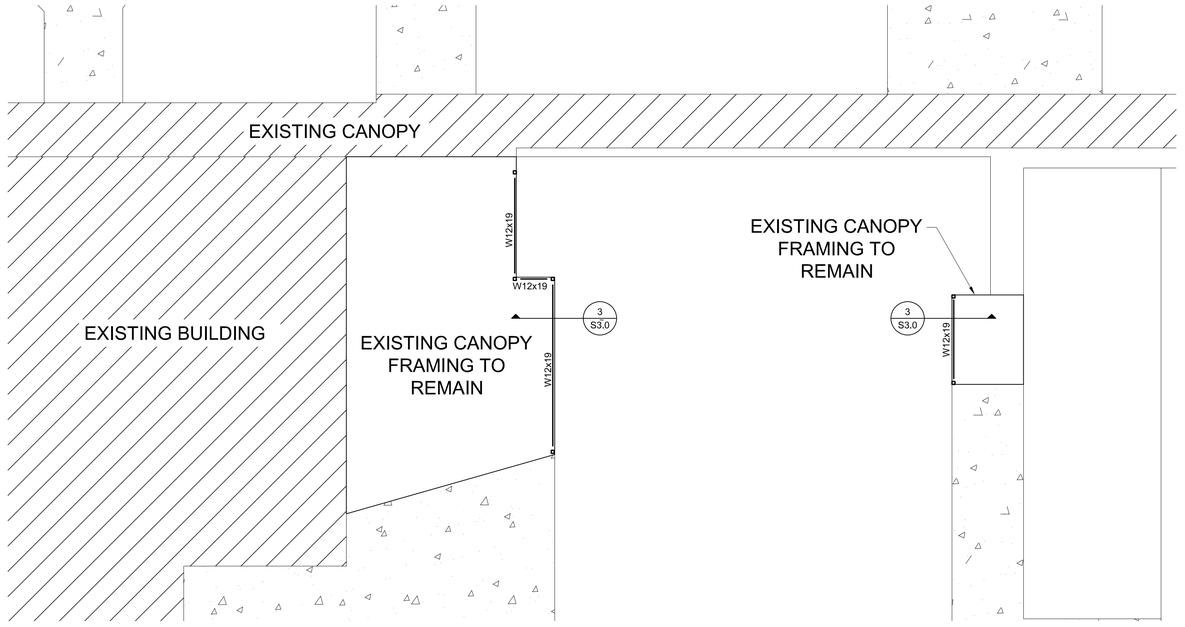


FOUNDATION NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS WITH EXISTING CONDITIONS BEFORE COMMENCING WORK

FOUNDATION PLAN

SCALE: 1/8"=1'-0"



FRAMING NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS WITH EXISTING CONDITIONS BEFORE COMMENCING WORK
2. ALL STEEL TO BE HOT DIPPED GALVANIZED

FRAMING PLAN

SCALE: 1/8"=1'-0"

100% FOR OWNER REVIEW

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TEL: 956-668-1588

SEAL:

STATE OF TEXAS
MIGUEL CHANIN
93127
LICENSED PROFESSIONAL ENGINEER
1-26-22

Mission CISD

PROJECT:

MCISD ROOSEVELT AUDITORIUM DEMO

407 E 3rd St. Mission, Texas 78572

JOB NO. 21-186

DATE. 1/26/22

DRAWN BY. EC,VDV

CHECKED BY: M.C.

REVISION:

DRAWING NO.

S3.0

SUBJECT: Final Design for the Demolition of the Technology/Radio Tower Project – Chanin Engineering

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

The existing radio tower has been at this same location for many years, on a recent evaluation by an outside firm it was noted that the tower has endured weather damages over time. Concerns expressed is that any future storm or hurricane could damage the exiting tower, disrupting the radio communication for the bus fleet and other district vehicles. The firm also noted that the tower is deemed to be unsafe for climbing to do repairs.

In December of 2016 Chanin Structural Engineering was contracted to conduct a structural assessment at the technology/radio tower located behind CNP. Findings showed tower rust and deteriorations and a report with photographs was provided. Cost of the assessment was $7,500.00. The tower was then leased to an outside entity and as per contract they were to maintain the structure. This entity no longer exists; thus, MCISD is responsible and liable for any issues pertaining to the tower. Reception issues have arisen due to the tower swaying and will require maintenance of possible tightening of the guide wires. Due to the past report we recommend that another assessment be conducted to re-assess if further deterioration has occurred. A structural engineer will be required for this project.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects. However, at the November 10, 2021 Board of Trustees meeting, the Board approved Job Order Contracting (JOC) and this method may be used for this smaller project.

Administration used the on-call professional services agreement for project administration and assigned this project to Chanin Structural Engineering. It will be the responsibility of the design/engineer professional to provide an estimated project budget.

Upon meeting with Mr. Miguel Chanin he advised us that conducting another structural assessment would be a mute service since nothing had changed since his original assessment of 2016 and possibly the structure only deteriorated more. He advised us that his original report recommendations were still valid.

At the Regular Board of Trustees Meeting held on August 11, 2021, the Board approved of Utilizing the On-call Professional Services for the Removal of the Technology /Radio Tower Structural Project - Chanin Structural Engineering.

At the Regular Board of Trustees Meeting held on December 15, 2021, the Board approved Schematic Design for the Demolition of the Technology/Radio Tower Project – Chanin Engineering.

ADMINISTRATIVE CONSIDERATIONS

Chanin Engineering has continued to meet with MCISD Staff and Administration on the designs, thus Administration will be presenting Final Design for the Demolition of the Technology/Radio Tower Project. Designs have been reviewed and approved by staff.

If approved Administration will move forward to seek proposals for the demolition or utilize our approved on-call listing.

FUNDING SOURCE
Local Fund

RECOMMENDATION
Administration presents Final Design for the Demolition of the Technology/Radio Tower Project – Chanin Engineering.

EXHIBT:
Final Design

CONTACT PERSONS
Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

MISSION CISD

TECHNOLOGY RADIO TOWER DEMO

Mission, Texas

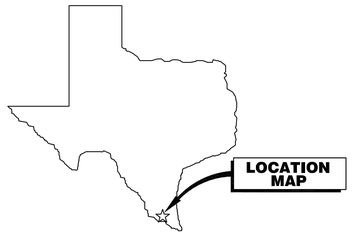
D R A W I N G I N D E X

STRUCTURAL

S1.0 DEMOLITION/STAGING SITE PLAN
S2.0 RADIO TOWER ELEVATION
S2.1 FOUNDATION, FRAMING PLANS AND DETAILS



V I C I N I T Y M A P N. T. S.
1201 West Griffin Parkway,
Mission, Tx. 78572



MISSION, TEXAS

☆ SCHOOL BOARD ☆

CAROL G. PEREZ, ED.D. ☆☆☆☆☆☆☆☆☆☆ SUPERINTENDENT

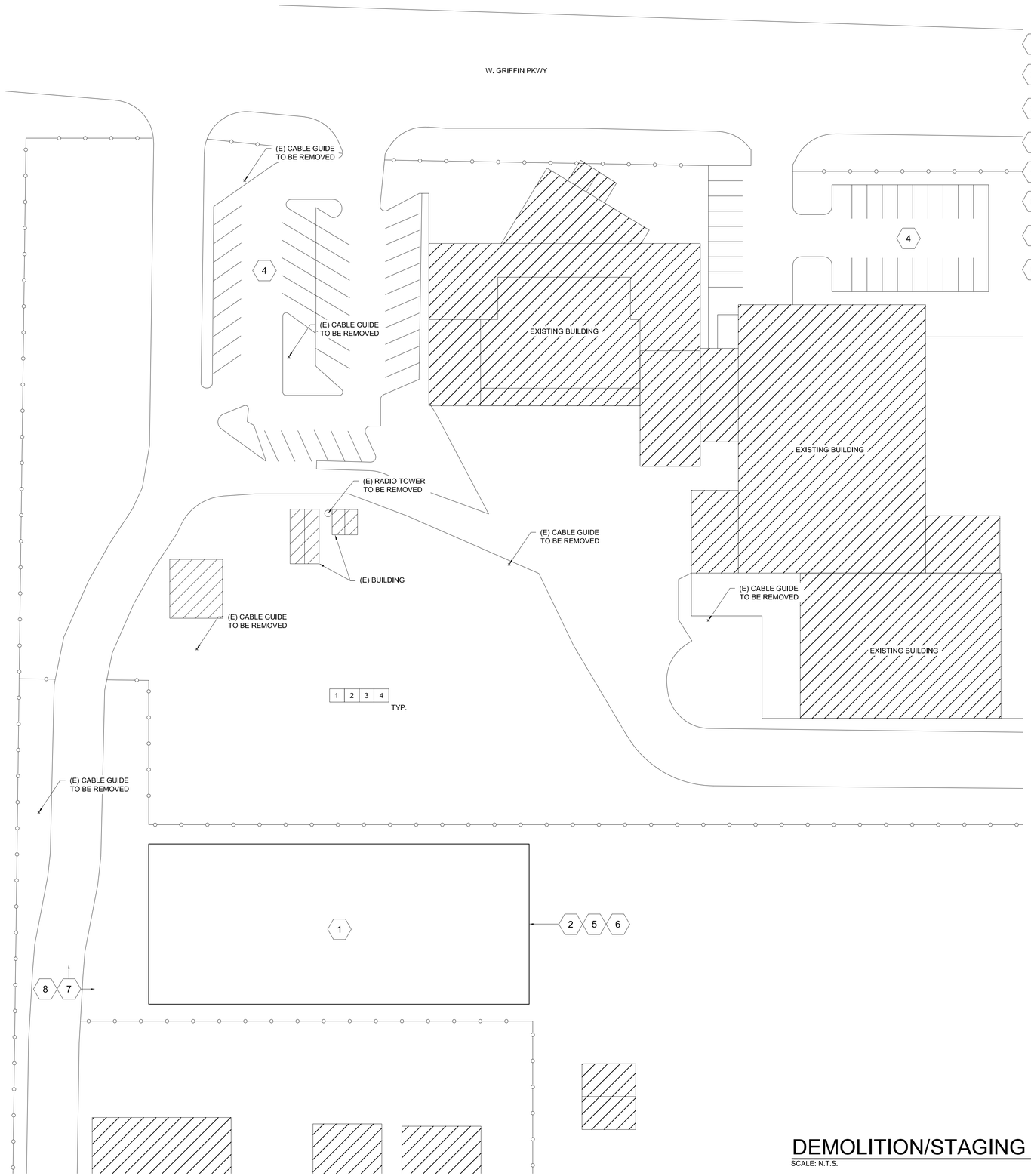
JERRY ZAMORA ☆☆☆☆☆☆☆☆☆☆☆☆☆☆ BOARD PRESIDENT
VERONICA R. MENDOZA ☆☆☆☆☆☆☆☆☆☆ VICE-PRESIDENT
ROY VELA ☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆ SECRETARY
PETRA B. RAMIREZ ☆☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER
MINNIE R. RODGERS ☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER
JUAN M. GONZALEZ ☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER
IRIS IGLESIAS ☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆ MEMBER

STRUCTURAL ENGINEER

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400 Nolana, Suite H2
McAllen, Texas 78504
www.chaninengineering.com

Mission CISD
CONSTRUCTION DEPARTMENT
520 N. HOLLAND AVENUE
MISSION, TEXAS 78572
TEL: (956) 323-8960 FAX: (956) 323-8177

CS



KEY NOTES:

1. CONSTRUCTION STAGING AREA
2. 6' HIGH CHAIN LINK FENCE WITH PRIVACY SCREEN AROUND STAGING AREA AND TEMPORARY PARKING AND CONSTRUCTION SITE.
3. SECURE ACCESS POINT. GENERAL CONTRACTOR TO DIRECT ANY INDIVIDUALS THAT WILL BE CHECKING IN AT FRONT OFFICE.
4. MISSION INDEPENDENT SCHOOL DISTRICT PARKING AREAS ARE PROHIBITED, FOR CONSTRUCTION PARKING.
5. BOUNDARY AREA FOR TEMPORARY CONSTRUCTION PARKING.
6. 12' GATE FOR DELIVERY OF MATERIALS AND LARGE EQUIPMENT ONLY. GATE TO REMAIN LOCKED AT ALL OTHER TIMES.
7. PREPARE AREA FOR VEHICULAR ACCESS AND PATCH AT END OF PROJECT CONSTRUCTION. APPLIES ON ENTIRE SITE.
8. PATHS FROM STAGING AREA TO CONSTRUCTION AREAS TO BE DISCUSSED WITH DISTRICT STAFF PRIOR TO INITIATION WORK.

DEMOLITION KEY NOTES

NOTE:
1. ALL STEEL MEMBERS, CONNECTORS, AND COMPONENTS OF EXISTING RADIO TOWER TO BE CAREFULLY REMOVED.

2. CONTRACTOR TO SHORE STRUCTURE AS REQUIRED PRIOR TO ANY DEMOLITION.

3. CLIMBING ON THE TOWER AS PART OF THE DEMOLITION PROCESS IS PROHIBITED.

4. (E) RADIO TOWER TO BE REMOVED IN SEGMENT

GENERAL DEMOLITION NOTES:

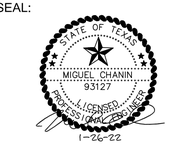
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21. CONTRACTOR TO COORDINATE THE REMOVAL OF ALL RADIO EQUIPMENT WITH THE APPROPRIATE PARTIES INCLUDING MISSION CISD, HIDALGO COUNTY, AND ANY ADDITIONAL PARTIES INVOLVED ON RADIO EQUIPMENT.

DEMOLITION/STAGING SITE PLAN

SCALE: N.T.S.

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www.chaninengineering.com
TBPE FIRM REG. NUMBER F-9369

SEAL:



Mission CISD

PROJECT:

MCISD TECHNOLOGY RADIO TOWER DEMO

1201 West Griffin Parkway, Mission, Tx. 78572

100% FOR OWNER REVIEW

JOB NO.	21-189
DATE.	1/26/22
DRAWN BY.	EC
CHECKED BY:	M.C.
REVISION:	

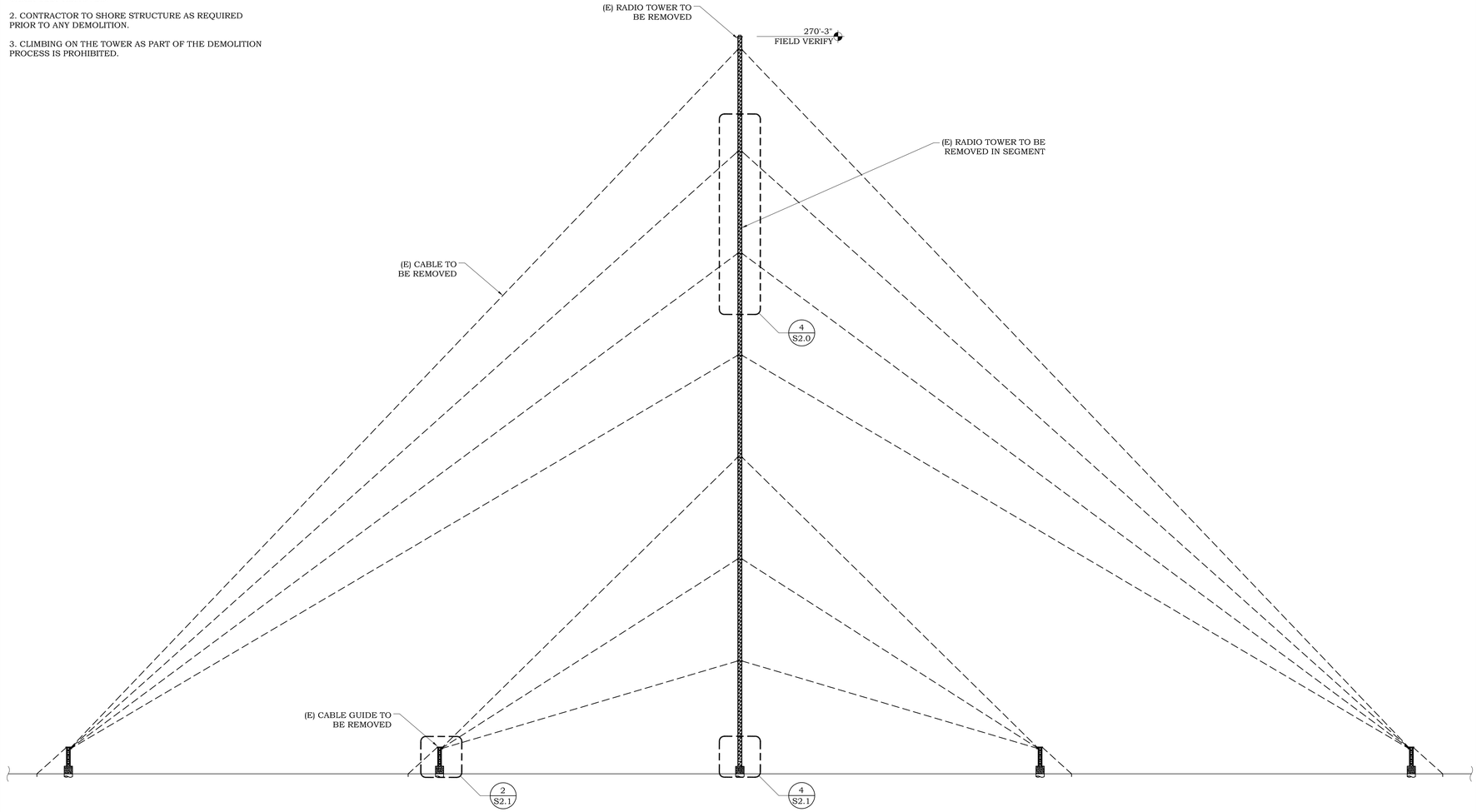
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NOTE:
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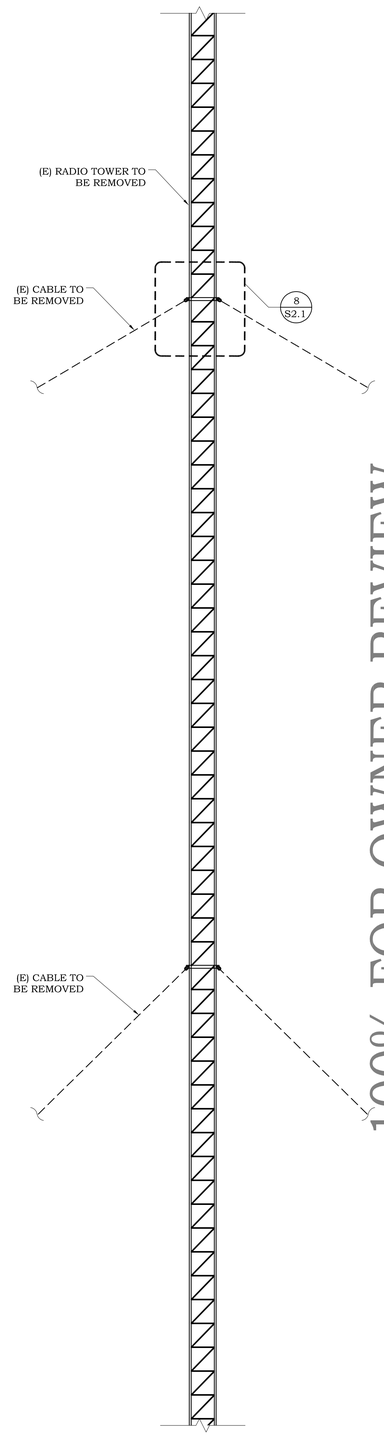
2. CONTRACTOR TO SHORE STRUCTURE AS REQUIRED PRIOR TO ANY DEMOLITION.

3. CLIMBING ON THE TOWER AS PART OF THE DEMOLITION PROCESS IS PROHIBITED.



RADIO TOWER ELEVATION | 6

NOT USED	20	NOT USED	16	NOT USED	12	NOT USED	7



RADIO TOWER ELEVATION | 4

100% FOR OWNER REVIEW

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SEAL:

STATE OF TEXAS
MIGUEL CHANIN
9317
LICENSED PROFESSIONAL ENGINEER
1-26-22

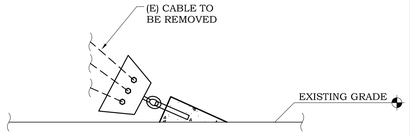
Mission CISD

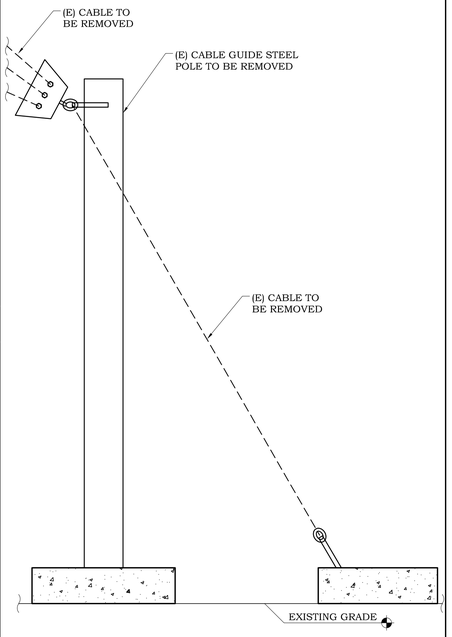
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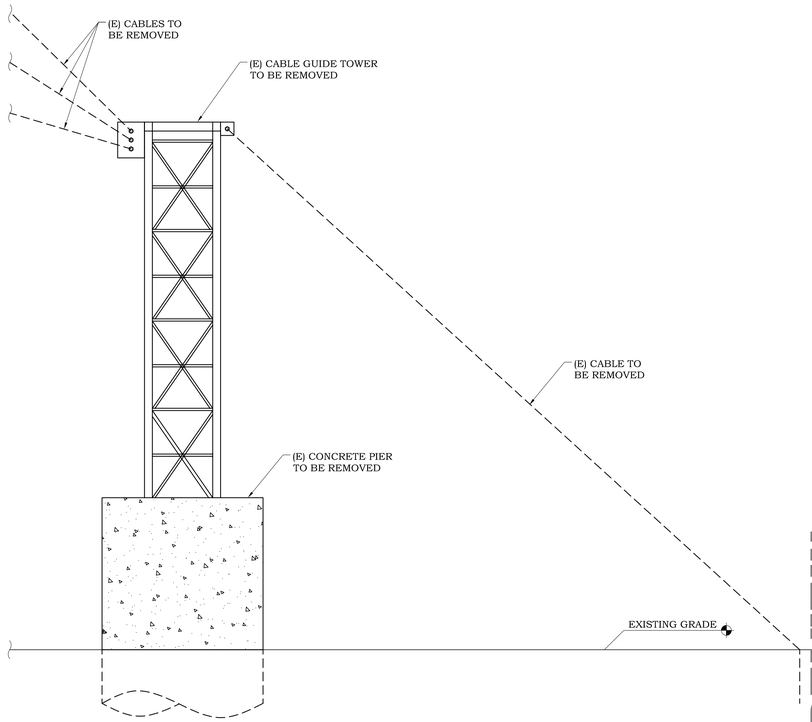
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DATE. 1/26/22
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REVISION:

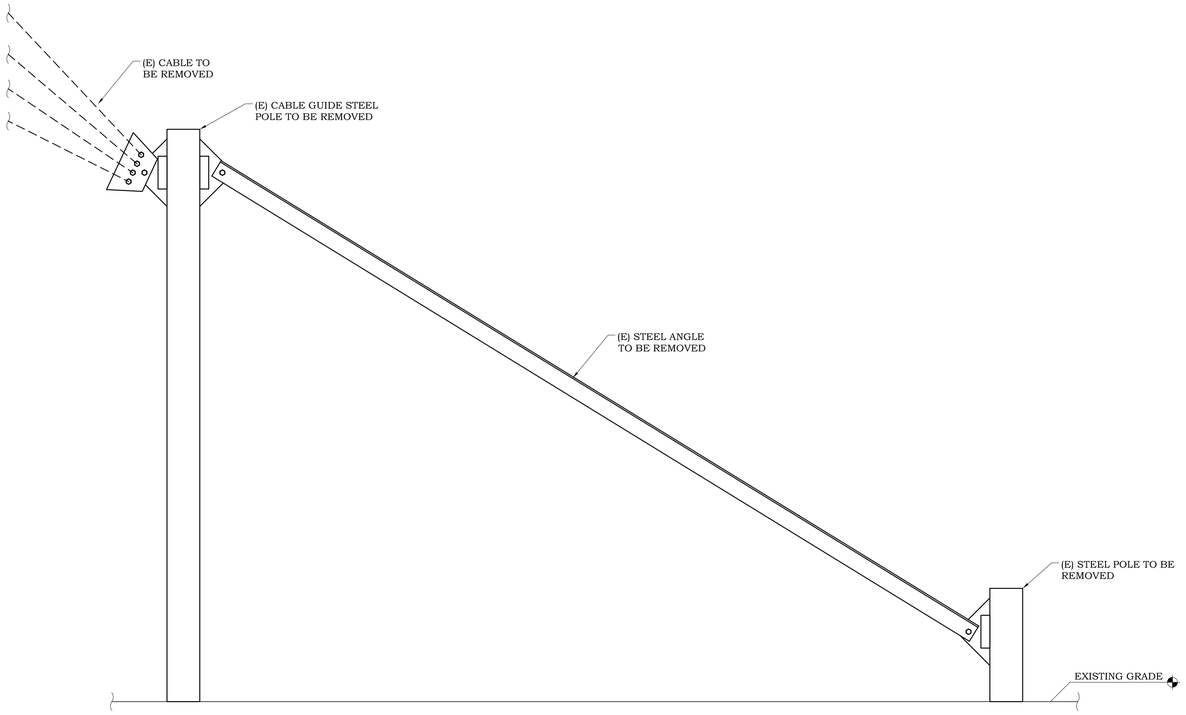
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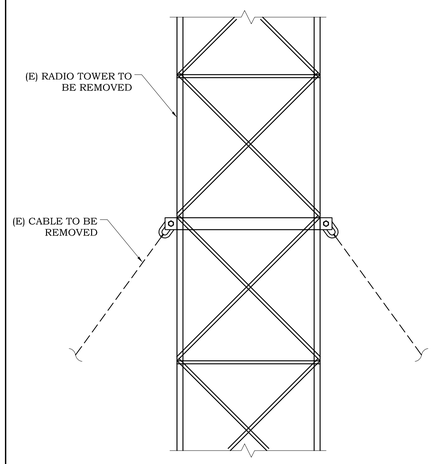
NOT USED	17	EMBEDDED CONCRETE CABLE GUIDE	13	STEEL POLE CABLE GUIDE	10	PIER AT CABLE GUIDE TOWER	5
NOT USED	18	NOT USED	14				

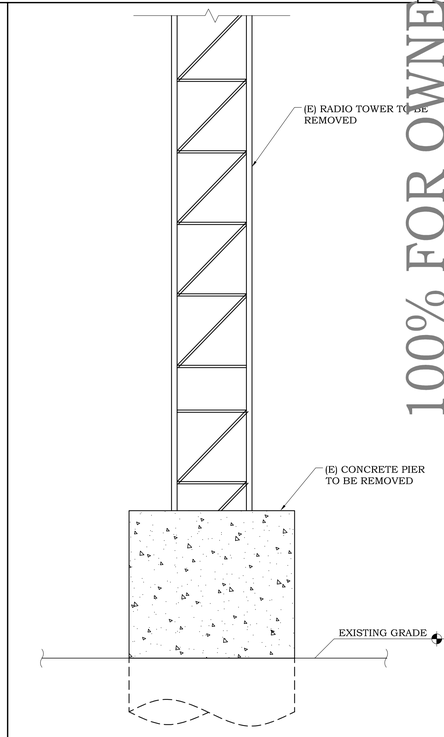












STEEL POLE CABLE GUIDE	12	GUIDE WIRE DETAIL	8	PIER AT RADIO TOWER	4		

CHANIN
ENGINEERING, LLC
400 Nolana, Suite H2
McAllen, Texas 78504
PH: (956) 687-9421
FAX: (956) 687-3211
www.chaninengineering.com
TBPE FIRM REG. NUMBER F-9369

SEAL:

STATE OF TEXAS
MIGUEL CHANIN
9317
LICENSED
PROFESSIONAL ENGINEER
1-26-22

Mission CISD

100% FOR OWNER REVIEW

PROJECT:
MCISD TECHNOLOGY RADIO TOWER DEMO

1201 West Griffin Parkway, Mission, Tx. 78572

JOB NO. 21-189
DATE. 1/26/22
DRAWN BY. EC
CHECKED BY: M.C.
REVISION:

DRAWING NO.
S2.1

SUBJECT: Schematic Design for the Culinary Arts Laboratory at Mission High School Project – PBK Architects

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

The CTE program and Mission High School are establishing a culinary arts lab at MHS similar to one currently at VMHS. Due to the size of the project, the fire code requirements for fire suppression systems due to cooking equipment, mill-work, electrical and plumbing requirements design/engineering professional services will be required.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

At the Regular Board of Trustees meeting held on August 11, 2021 the Board approved the project, proposed budget and utilizing the on-call professional services for the Culinary Arts Laboratory at Mission High School Project – PBK Architects. PBK Architects estimated project cost is $250,000.00.

ADMINISTRATIVE CONSIDERATIONS

PBK Architect has continued to meet with MCISD Staff and Administration on the designs, thus administration will be presenting Schematic Design for the Culinary Arts Laboratory at Mission High School Project – PBK Architects. Designs have been reviewed and approved by staff.

Schematic Design:

Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:

Communicating the design intent through further refinement of the written and graphic representation of all building materials, components and equipment that can be quantified and useful to contractors.

FUNDING SOURCE

Local Fund

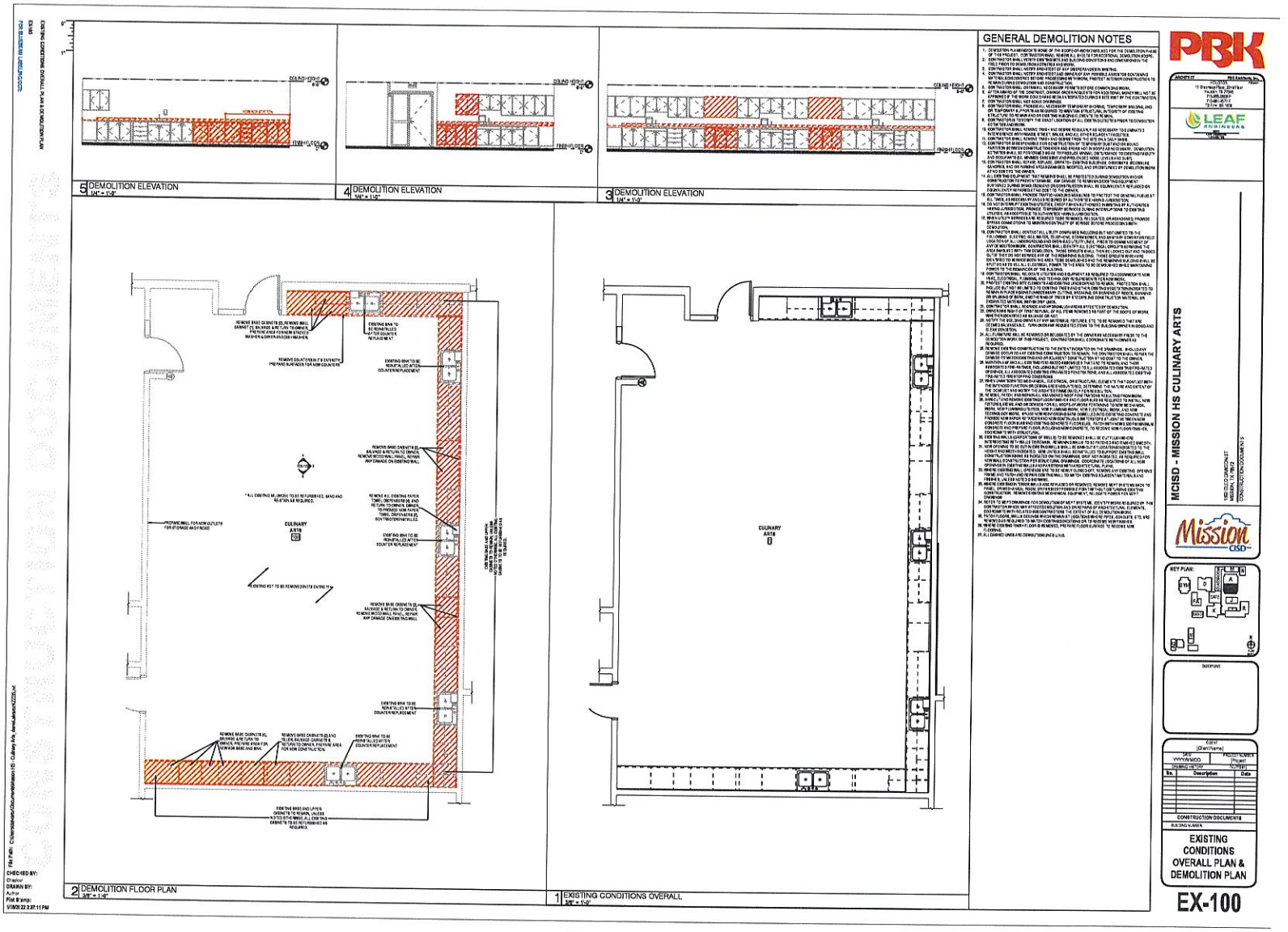
Est. Project Budget:	$250,000.00
Project Contingency 20%:	$ 50,000.00
Est. Professional Services 12%:	$ 30,000.00
Est. Total Project Cost:	$330,000.00

RECOMMENDATION

Administration is presenting Schematic Design for the Culinary Arts Laboratory at Mission High School Project – PBK Architects.

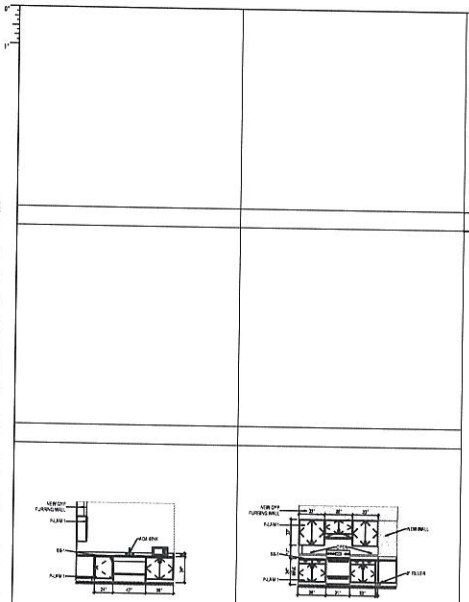
EXHIBT:
Schematic Design

CONTACT PERSONS
Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management


5 DEMOLITION ELEVATION
1/4" = 1'-0"
4 DEMOLITION ELEVATION
1/4" = 1'-0"
3 DEMOLITION ELEVATION
1/4" = 1'-0"
2 DEMOLITION FLOOR PLAN
3/8" = 1'-0"
1 EXISTING CONDITIONS OVERALL
3/8" = 1'-0"
GENERAL DEMOLITION NOTES
PBK
MCISD - MISSION HS CULINARY ARTS
MISSION CISD
KEY PLAN:
EXISTING CONDITIONS OVERALL PLAN & DEMOLITION PLAN
EX-100

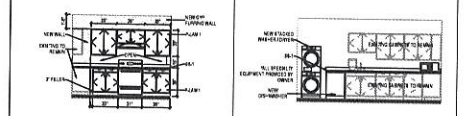
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1/26/22



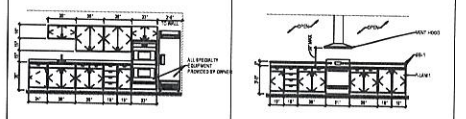
07 ADA STUDENT STATION
1/4" = 1'-0"

06 ADA STUDENT STATION
1/4" = 1'-0"



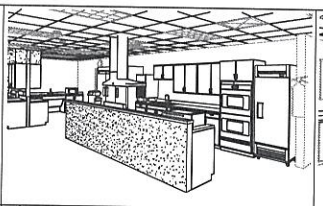
05 STUDENT STATION TYP.
1/4" = 1'-0"

04 ELEVATION
1/4" = 1'-0"

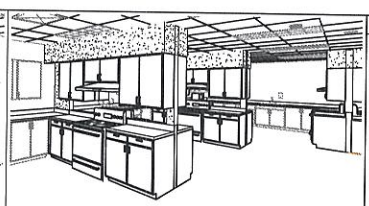


03 INSTRUCTOR'S STATION
1/4" = 1'-0"

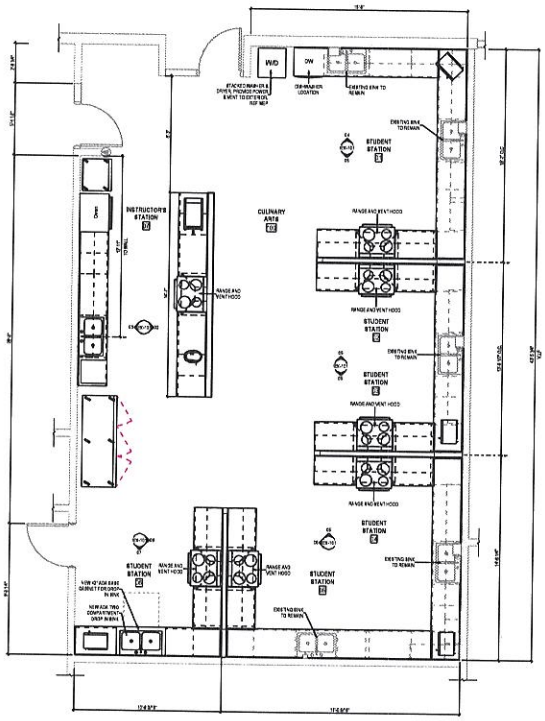
02 INSTRUCTOR'S STATION
1/4" = 1'-0"



9 3D VIEW



8 3D VIEW



01 NEW FLOOR PLAN
1/8" = 1'-0"

GENERAL ARCH PLAN NOTES

1. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE. CONTRACTOR TO VERIFY ALL DIMENSIONS AND REPORT ANY ERRORS TO SITE TO MARK THE INTENT OF THE CONTRACT DOCUMENTS.
2. DRAWINGS NOTED AS "NTS" OR "NOT TO SCALE".
3. ALL DIMENSIONS ARE TO STRUCTURAL COLUMN FACE OR THE SURFACE OF PARTITION ASSEMBLY U.N.O.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCH. OF ANY DISCREPANCIES BEFORE PROCEEDING WITH AFFECTED WORK.
5. NOTES OR DIMENSIONS NOTED AS TYPICAL OR TYP. OR TYP'S SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR.
6. DIMENSIONS NOTED AS "CLR." OR "CLEAR" OR "CLG." OR "HT." SHALL BE MEASURED AND CONFIRMED BY THE PROJECT SITE BY THE CONTRACTOR(S) REVIEWED WITH THE ARCH. BEFORE INCORPORATING THE WORK.
7. DIMENSIONS NOTED AS "+/- 0'-0 1/4" OR 1/8 SIMILAR" TO SHOW SPECIFIC COORDINATION AMONG DISCIPLINES AND SPECIALTY TRADES.
8. REFER TO PARTITION TYPES ON A400 SERIES SHEETS
9. ALL INTERIOR PARTITIONS THIS SHEET, EXCEPT FOR FURR-OUT PARTITIONS, SHALL BE PARTITION TYPE A.U.N.O.
10. ALL INTERIOR FURR-OUT PARTITIONS THRU-OUT SHALL BE PARTITION TYPE A.U.N.O.
11. ALIGN FINISHED FACE OF WALLS WHERE NEW PARTITIONS OF DIFFERING THICKNESS MEET AND OR ADJOIN THE EXISTING PLANS.
12. PROVIDE BACKING INSTALL CONT., BEHIND, THRU AT JOINTS WHERE BY WALL BOARD WALL PARTITIONS ARE TO BE ON ADJOIN WHERE WALL SURFACE MAY BE THE SAME PLANE
13. ALL DOOR FRAMES SHALL BE FLUSH OR WHERE HAVE INDICATED LONG
14. ALL DOOR FRAMES SHALL BE FLUSH OR WHERE HAVE INDICATED LONG WALL ON THE HINGE SIDE OF THE DOOR U.N.O. NEW FACE OF ANY DOOR JAMB NOTED AS "EXISTING" TO REMAIN, INCLUDING BUT NOT LIMITED TO CONCRETE OR MASONRY SHALL BE PATCHED AND REPAIRED AS NECESSARY TO RECEIVE NEW FINISHES
15. ALL DOOR THRESHOLDS INSTALL WITH BEVELED SILL SHALL BE SET IN FULL BED OF SEALANT
16. DOORS ALL DOOR SWING LEAVE A LOOK BEHIND TH FLOOR PLAN PRIOR TO FLOOR SLAB
17. ALL FLOOR SLOPES TO DRAIN SHALL NOT EXCEED 1/4"
18. PROVIDE AND INSTALL BEVELED END UNDER ALL MEETING EDGES OF UNEVEN FLOORS AS COST TO PROVIDE A SMOOTH TRANSITION
19. DOORS, HOLLOW METAL FRAMES AND OPENINGS DIMENSIONS WITH EQUIPMENT TO BE INSTALLED BY OTHERS SHALL BE COORDINATED WITH THE SUPPLIER OF EQUIPMENT
20. ALL FLOOR PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE FIRE STOPPED
21. ALL ROUGHING DIMENSIONS, CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL CEILING TYPE, ALL PLUMBING FIXTURES, ALL CABINETWORK ITEMS, ALL ELECTRICAL WORK ITEMS, ALL LAWN SPRINKLERS, ALL URINALS, ALL TOILETS SHALL BE STRICTLY OBSERVED
22. APPLY BATT INSULATION TO ALL CONCEALED STRUCTURAL STEEL MEMBERS IN ALL EXTERIOR GARRET LOCATIONS
23. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK

GENERAL CASEWORK NOTES

1. PRELIMINARY ALL CASEWORK RELATED DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION
2. VERIFY ALL CEILING HEIGHTS PRIOR TO FABRICATION AND INSTALLATION
3. REFER TO REFLECTED CEILING PLANS FOR ALL LIGHTING FIXTURES, ELECTRICAL OUTLETS AND MECHANICAL DIFFUSERS AND RETURNS. VERIFY AND FIELD LOCATE ANY CONFLICTS PRIOR TO FABRICATION AND INSTALLATION
4. ALL CASEWORK MADE CABINETS SHALL BE IN PRIVILEGED GRADE, U.N.O.
5. ALL CASEWORK UPPER SHELVES, CABINETS SHALL BE 14 INCHES DEEP, U.N.O.
6. ALL DOUBLE TIER, VERTICAL SLIP PRICES, HARDWARE, PLUMBING FIXTURES SHALL BE PLACED IN THE LOWER TIER
7. PROVIDE END PANELS AT ALL EXPOSED ENDS WHERE COUNTER TOP ENDS WITH ANOTHER CASEWORK
8. PROVIDE END PANELS AT ALL EXPOSED ENDS WHERE COUNTER TOP ENDS WITH ANOTHER CASEWORK
9. PROVIDE END PANELS AT ALL EXPOSED ENDS WHERE COUNTER TOP ENDS WITH ANOTHER CASEWORK
10. ALL CASEWORK UNITS IN SHOWER AREAS SHALL BE WATER RESISTANT
11. ALL CASEWORK UNITS IN SHOWER AREAS SHALL BE WATER RESISTANT
12. ALL WORKFLOW END-MOUNTED AND OPERATORS SHALL BE FINISH THEM MINIMUM
13. ALL CASEWORK DRAWER HEADS SHALL HAVE RECESSED STAINLESS HARDWARE
14. ALL CASEWORK DRAWER HEADS SHALL BE FINISH THEM MINIMUM
15. PROVIDE ALL CASEWORK DRAWER HEADS SHALL HAVE RECESSED STAINLESS HARDWARE
16. PROVIDE ALL CASEWORK DRAWER HEADS SHALL HAVE RECESSED STAINLESS HARDWARE

FINISH LEGEND KEY

CODE	MATERIAL
FLOR	PLASTIC LAMINATE
P1	PAINT
P2	WOOD BLANKAGE

*VERIFY ALL FINISH SELECTIONS WITH OWNER AND ARCHITECT

PBK

PROJECT
[Project Address]
[City, State, Zip]
T: [Phone]
F: [Fax]

LEAF ENGINEERS

MCISD - MISSION HS CULINARY ARTS

MCISD GOVERNMENT
MISSION, TX 78572

CONSTRUCTION DOCUMENTS

Mission CISD

KEY PLAN:

DESIGNED

DRAWN BY: [Drawn by]
CHECKED BY: [Checked by]
PROJECT NUMBER: [Project Number]
DATE: WWWW/DD/YY

No.	Description	Date

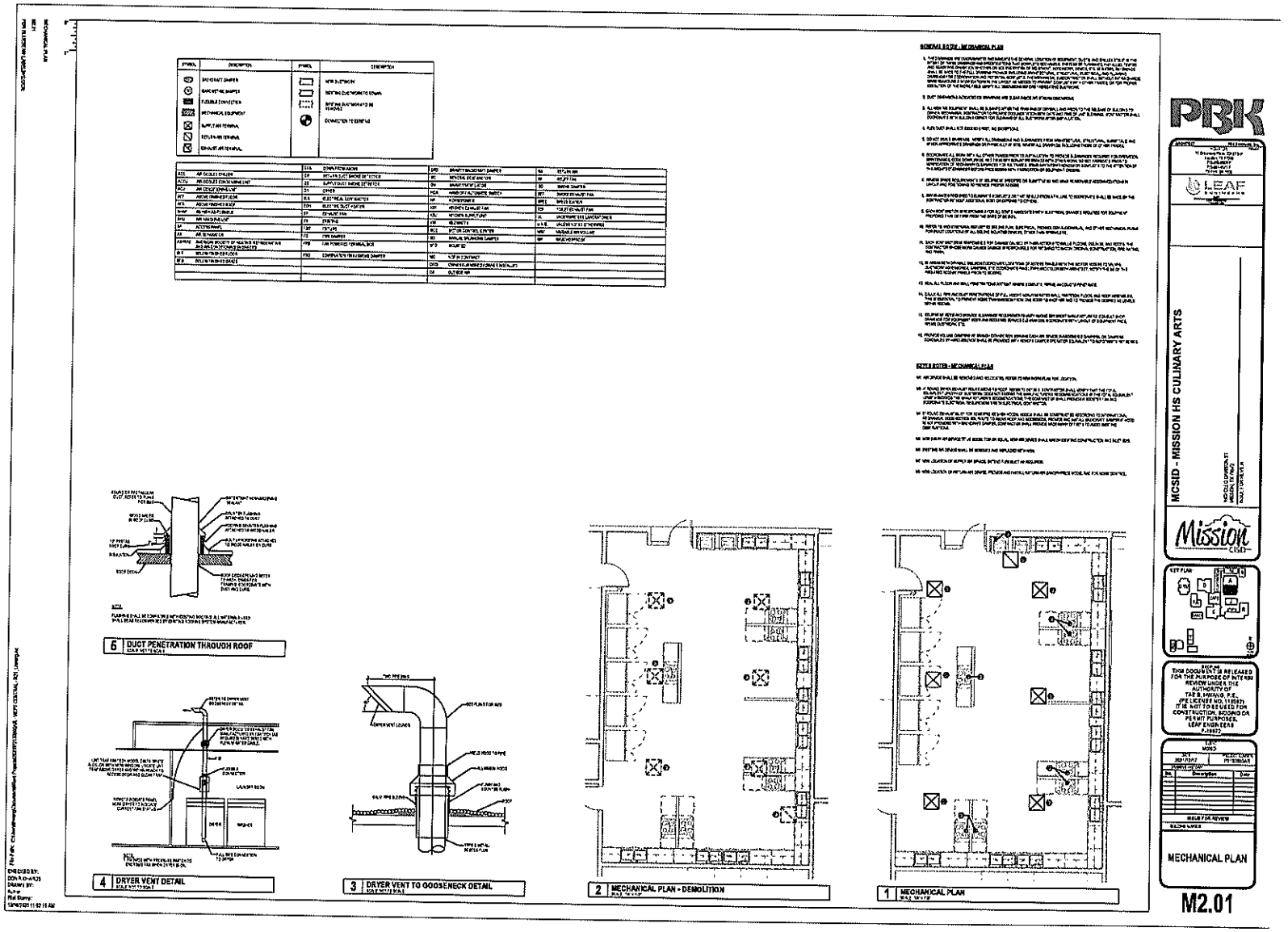
CONSTRUCTION DOCUMENTS

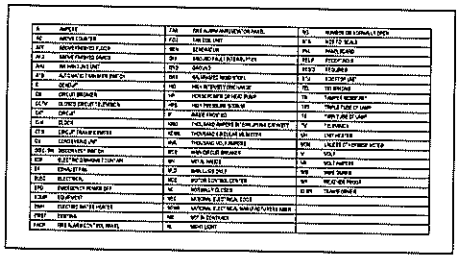
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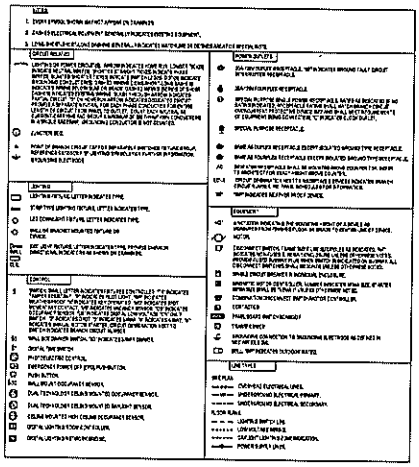
NEW FLOOR PLAN

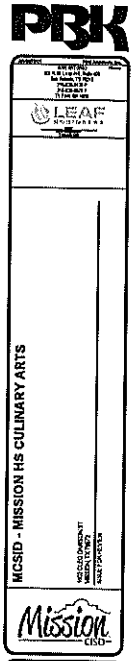
EX-101

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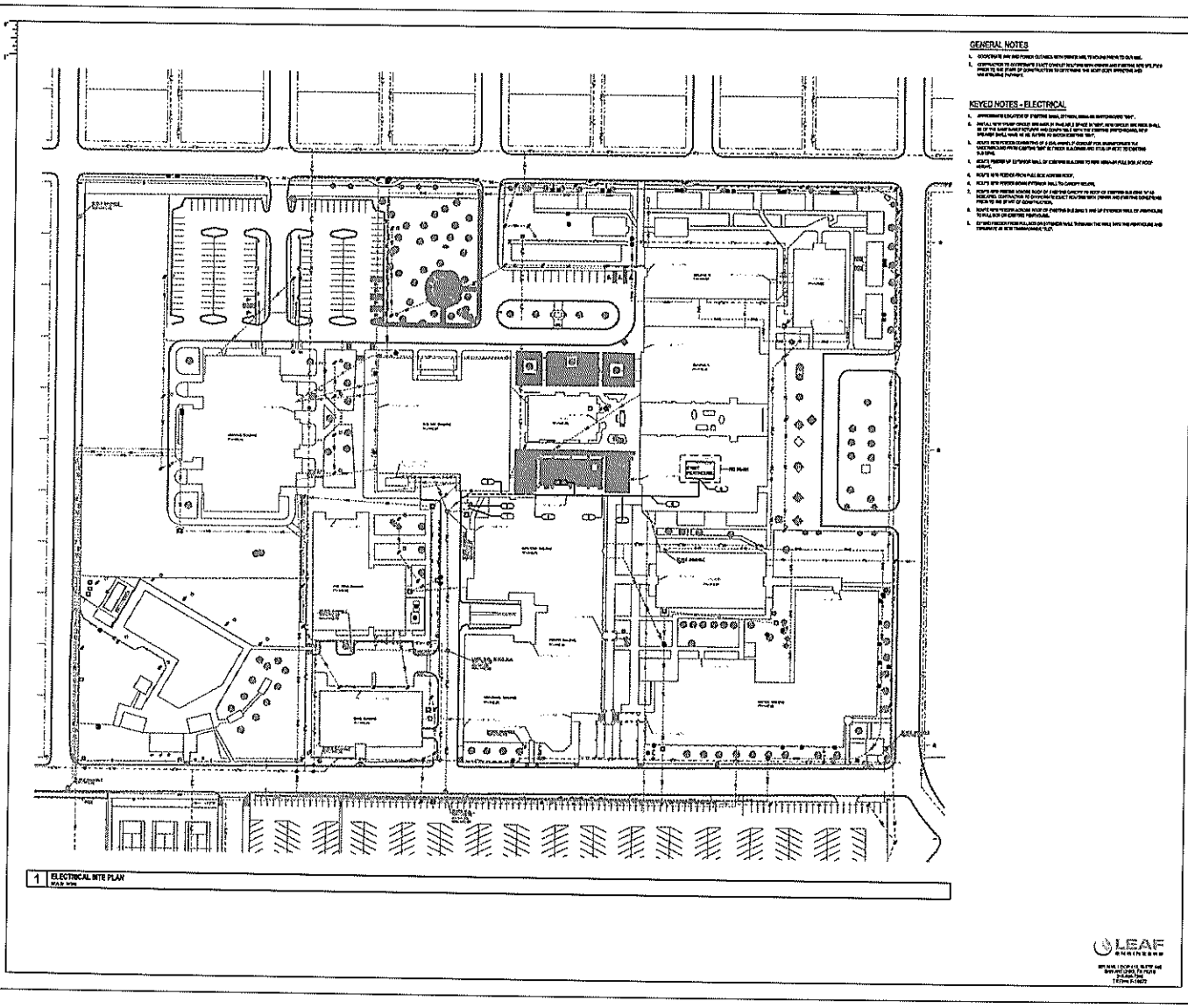

GENERAL NOTES - MECHANICAL PLAN
KEYNOTES - MECHANICAL PLAN
6 DUCT PENETRATION THROUGH ROOF
4 DRYER VENT DETAIL
3 DRYER VENT TO GOOSENECK DETAIL
2 MECHANICAL PLAN - DEMOLITION
1 MECHANICAL PLAN
MCSID - MISSION HS CULINARY ARTS
MECHANICAL PLAN
M2.01



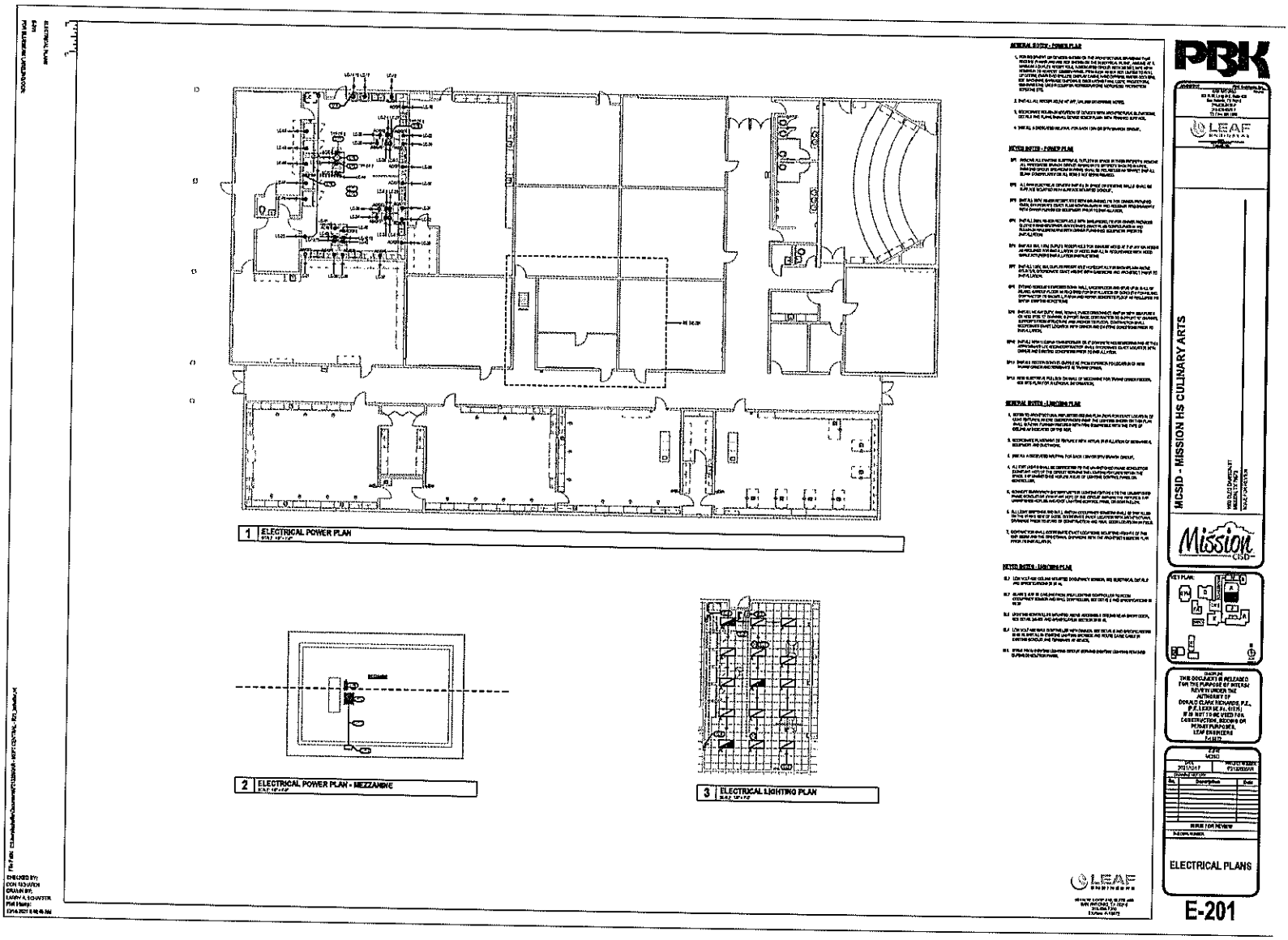


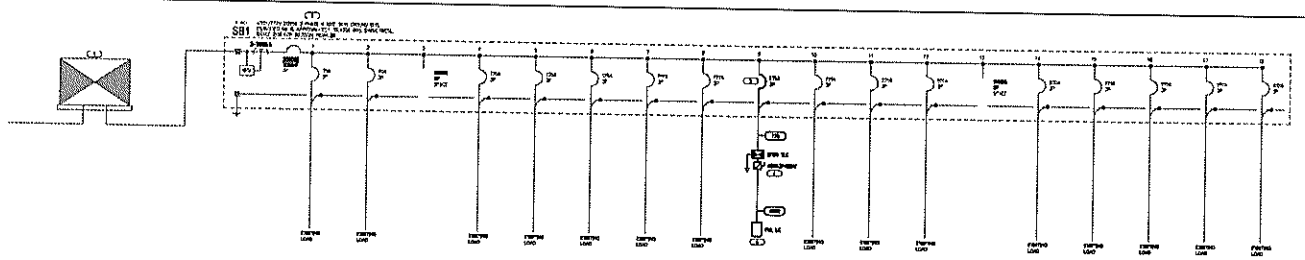

PBK
MCSID - MISSION HS CULINARY ARTS
Mission CISD
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ELECTRICAL SYMBOLS AND ABBREVIATIONS
E-001

88


GENERAL NOTES
KEYED NOTES - ELECTRICAL
1 ELECTRICAL SITE PLAN
PBK
LEAF ENGINEERS
MCSID - MISSION HS CULINARY ARTS
Mission CISD
KEY PLAN
ISSUED
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12/16/2021
ISSUE FOR REVIEW
ELECTRICAL SITE PLAN
E-101

CZ


1 ELECTRICAL POWER PLAN
2 ELECTRICAL POWER PLAN - MEZZANINE
3 ELECTRICAL LIGHTING PLAN
PBK
LEAF ENGINEERS
MCSID - MISSION HS CULINARY ARTS
Mission CISD
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ISSUE FOR REVIEW
ELECTRICAL PLANS
E-201



LOAD ANALYSIS

FEEDER / BRANCH CIRCUIT SCHEDULE

MARK	RACEWAY	PHASE CONDUCTORS	NEUTRAL CONDUCTORS	GROUND CONDUCTORS	REMARKS

KEYED NOTES - ONE LINE DIAGRAM

1. EXISTING SERVICE ENTRANCE.
2. EXISTING 277/480V, 3000A, SWITCHBOARD SB1.
3. INSTALL NEW 175AMP CIRCUIT BREAKER IN AVAILABLE SPACE IN EXISTING SWITCHBOARD SB1. NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AND COMPATIBLE WITH THE EXISTING SWITCHBOARD. NEW BREAKER SHALL HAVE AN ARC RATING TO MATCH EXISTING.
4. NEW TRANSFORMER AND SECONDARY SYSTEM TO BE INSTALLED ON BUILDING B MEZZANINE. REFER TO DETAIL 3 BELOW FOR TRANSFORMER & GROUNDING DETAIL.
5. NEW PANEL LC TO BE INSTALLED IN NEW CULINARY CLASSROOM IN BUILDING B.

TRANSFORMER SCHEDULE

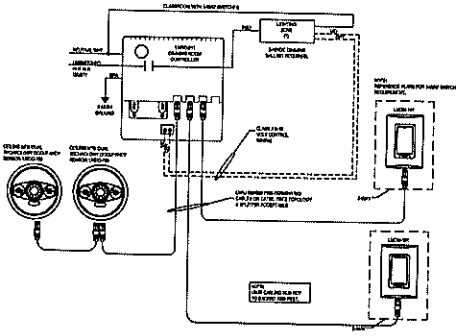
MARK	KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	GROUNDING ELECTRODE	REMARKS
T-C	112.5				

1 ELECTRICAL ONE-LINE DIAGRAM (EXISTING SB1 SERVICE)
SCALE: NONE

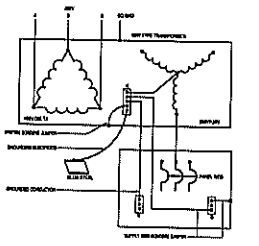
LIGHTING FIXTURE SCHEDULE

	LAMPS	VA	MOUNTING	NOTES
A	LED	41VA	RECESSED	
AC	LED	42VA	RECESSED	
B1	LED	13VA	SURFACE	

GENERAL NOTES
1. COLOR TEMPERATURE SHALL BE 4000K UNLESS NOTED OTHERWISE.



2 CULINARY CLASSROOM LIGHTING CONTROL DIAGRAM (3-WAY SWITCHING)
SCALE: NONE



3 SEPARATELY DERIVED SYSTEM GROUNDING DETAIL
SCALE: NONE

PANELBOARD LC

	LOAD	BKR			BKR	LOAD
1						
2						
3						
4						
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PBK

MCSID - MISSION HS CULINARY ARTS

KEY PLAN:

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ISSUE FOR REVIEW

ELECTRICAL ONE LINE DIAGRAM, SCHEDULES & DETAILS

E-501

CZ

PLUMBING ABBREVIATION SCHEDULE

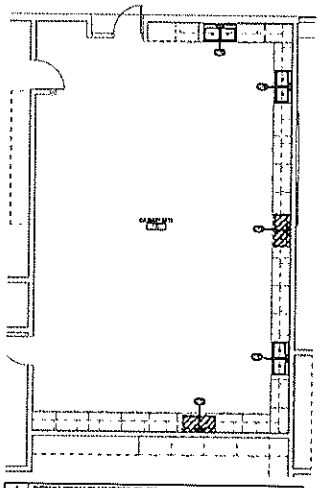
NOTES: 1. ALL ABBREVIATIONS MAY NOT BE USED ON THESE DRAWINGS.

ABV	ABOVE	HB	HOSE BIBB
AFF	ABOVE FINISHED FLOOR	HD	HUB DRAIN
AP	ACCESS PANEL	HW	HOT WATER
ATC	AT CENTER	HWC	HOT WATER CIRCULATION
BFP	BACKFLOW PREVENTER	HWR	HOT WATER RETURN
BOT	BOTTOM OF PIPE	IE	INVERT ELEVATION
BOT	BOTTOM OF PIPE	INV	INVERT
CAP	CAP	LAV	LAVATORY
CFH	CUBIC FEET PER HOUR	MAX	MAXIMUM
CFM	CUBIC FEET PER MINUTE	MB	MOP BASIN
CI	CAST IRON	MC	MECHANICAL
CLG	CEILING	MCA	MECHANICAL CONTRACTOR
CO	CLEANOUT	MD	MOP DRAIN
CONC	CONCRETE	MFG	MANUFACTURER
CPVC	CHLORINATED PVC	MIN	MINIMUM
CT	CHANNEL TROUGH	MJ	MECHANICAL JOINT
CW	COLD WATER	NC	NOT IN CONTRACT
DFW	DRAINAGE FIXTURE UNIT	NIC	NOT IN CONTRACT
DWG	DRAWING	NO	NUMBER
EA	EACH	NTS	NOT TO SCALE
EXP	EXPANSION JOINT	OC	ON CENTER
FCO	FLOOR CLEANOUT	OD	OUTSIDE DIAMETER
FD	FLOOR DRAIN	OH	OVERHEAD
FDN	FOUNDATION	P	TRAP
FF	FINISH FLOOR	PD	PLANTER DRAIN
FIG	FIGURE	PEX	CROSS-LINKED POLYETHYLENE
FL	FLOW LINE	PIV	POST INDICATOR VALVE
FS	FLOOR SINK	PRV	PRESSURE REGULATING VALVE
FT	FEET	PSI	POUNDS PER SQUARE INCH
GAL	GALLON	PSIG	POUNDS PER SQUARE INCH GAUGE
GC	GENERAL CONTRACTOR	PVC	POLYVINYL CHLORIDE
GPD	GALLONS PER DAY	R	RISER
GPH	GALLONS PER HOUR	RD	ROOF DRAIN
GPM	GALLONS PER MINUTE	RED	REDUCER
HB	HOSE BIB	RW	RAIN WATER
HP	HORSEPOWER	SAN	SANITARY
HR	HOUR	SCH	SCHEDULE
HTR	HEATER	SD	STORM DRAIN
HUM	HUMIDIFIER	SHT	SHEET
HVAC	HEATING VENTILATING AIR CONDITIONING	SIM	SIMILAR
HW	HOT WATER	SPEC	SPECIFICATION
HWC	HOT WATER CIRCULATION	SQ	SQUARE
HWR	HOT WATER RETURN	SS	STAINLESS STEEL
IE	INVERT ELEVATION	STD	STANDARD
INV	INVERT	TEMP	TEMPERATURE
LAV	LAVATORY	TP	TRAP PRIMER
MAX	MAXIMUM	TYP	TYPICAL
MB	MOP BASIN	UC	UNDER COUNTER
MC	MECHANICAL	UNO	UNLESS NOTED OTHERWISE
MD	MOP DRAIN	V	VENT
MFG	MANUFACTURER	VTR	VENT THRU ROOF
MIN	MINIMUM	W	WASTE
MJ	MECHANICAL JOINT	WC	WATER CLOSET
NC	NOT IN CONTRACT	WCO	WALL CLEANOUT
NIC	NOT IN CONTRACT	WH	WALL HYDRANT
NO	NUMBER	WHA	WHOLE HOUSE AERATOR
NTS	NOT TO SCALE	WM	WATER METER
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
OH	OVERHEAD		
P	TRAP		
PD	PLANTER DRAIN		
PEX	CROSS-LINKED POLYETHYLENE		
PIV	POST INDICATOR VALVE		
PRV	PRESSURE REGULATING VALVE		
PSI	POUNDS PER SQUARE INCH		
PSIG	POUNDS PER SQUARE INCH GAUGE		
PVC	POLYVINYL CHLORIDE		
R	RISER		
RD	ROOF DRAIN		
RED	REDUCER		
RW	RAIN WATER		
SAN	SANITARY		
SCH	SCHEDULE		
SD	STORM DRAIN		
SHT	SHEET		
SIM	SIMILAR		
SPEC	SPECIFICATION		
SQ	SQUARE		
SS	STAINLESS STEEL		
STD	STANDARD		
TEMP	TEMPERATURE		
TP	TRAP PRIMER		
TYP	TYPICAL		
UC	UNDER COUNTER		
UNO	UNLESS NOTED OTHERWISE		
V	VENT		
VTR	VENT THRU ROOF		
W	WASTE		
WC	WATER CLOSET		
WCO	WALL CLEANOUT		
WH	WALL HYDRANT		
WHA	WHOLE HOUSE AERATOR		
WM	WATER METER		

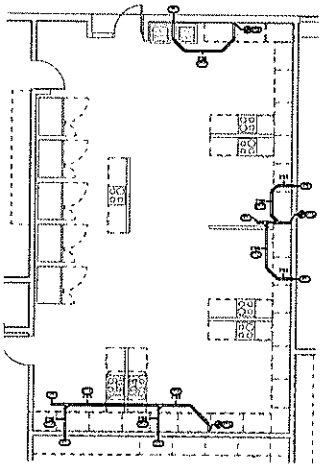
PLUMBING SYMBOLS LEGEND

NOTES: 1. ALL SYMBOLS MAY NOT BE USED ON THESE DRAWINGS.

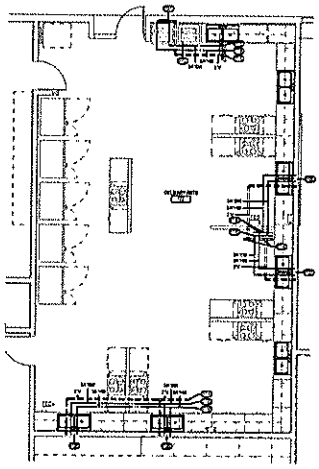
SYMBOL	ABV.	DESCRIPTION
	HB	HOSE BIBB
	AV	AIR VENT
		FLOOR CLEANOUT
		CLEANOUT TO GRADE
		CLEANOUT AT BASE OF WALL
		CLEANOUT TEE
		DRY STANDPIPE
		WET STANDPIPE
		FLOOR DRAIN
		FLOOR SINK
		FLOOR DRAIN
		ROOF DRAIN
		ROOF DRAIN WITH SUMP
		OVERFLOW ROOF DRAIN
		PLANTER DRAIN WITH GRATE
		PLANTER DRAIN
		STORM DRAIN
		STORM DRAIN WITH SUMP
		STORM DRAIN
		CLEANOUT
		CLEANOUT AT BASE OF WALL
		CLEANOUT AT BASE OF WALL
		DRAIN
		HOSE BIBB
		HOSE BIBB
		HOSE BIBB WITH VACUUM BREAKER



1 DEMOLITION PLUMBING PLAN



2 PLUMBING PLAN - UNDERFLOOR



3 PLUMBING PLAN

PBK

MCSID - MISSION HS CULINARY ARTS

Mission CISD

KEY PLAN:

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ISSUE FOR REVIEW

PLUMBING PLAN

P2.01

93

SUBJECT: Schematics Design for the Culinary Arts for Veterans Memorial High School – PBK Architects

PRESENTER: Ricardo Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

The CTE program and Veterans Memorial High School currently have a culinary arts lab. As per a field inspection at VMHS the culinary lab is requiring possible renovations to be in code compliance. Areas of note are the current vent/hood suppression systems.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

At the Regular Board of Trustees meeting held on August 11, 2021 the Board approved the project, proposed budget and utilizing the on-call professional services for the Culinary Arts Laboratory at Veterans Memorial High School Project – PBK Architects. PBK Architects estimated project cost is $10,000.00.

ADMINISTRATIVE CONSIDERATIONS

PBK Architect has continued to meet with MCISD Staff and Administration on schematic designs, thus administration will be presenting Schematic Design for the Culinary Arts Laboratory at Veterans Memorial High School Project – PBK Architects. Designs have been reviewed and approved by staff.

Schematic Design:
Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:
Communicating the design intent through further refinement of the written and graphic representation of all building materials, components and equipment that can be quantified and useful to contractors.

FUNDING SOURCE

Local Fund

Est. Project Budget:	$10,000.00
Project Contingency 20%:	$ 2,000.00
Est. Professional Services 12%:	$ 1,200.00
Est. Total Project Cost:	$13,200.00

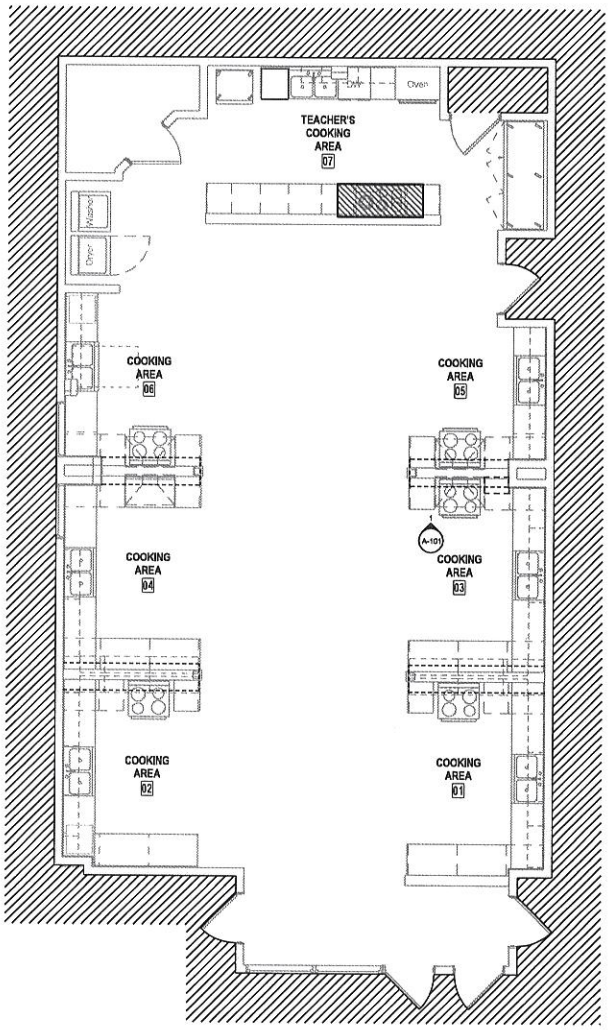
RECOMMENDATION

Administration is presenting Schematics Design for the Culinary Arts for Veterans Memorial High School – PBK Architects

EXHIBT:
Schematic Designs

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management



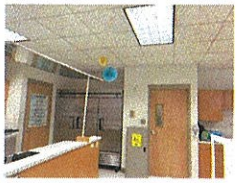
2 FLOOR PLAN - CULINARY ARTS
1/4" = 1'-0"

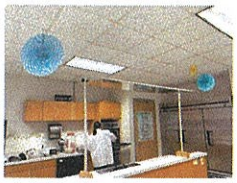
GENERAL ARCH PLAN NOTES

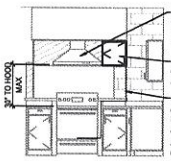
1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE. CONTACT ARCH IF CLARIFICATION IS NECESSARY IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS
2. DRAWINGS NOTED AS "N.T.S" OR "NTS" ARE NOT TO SCALE
3. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCH. OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK
4. NOTES OR DIMENSIONS NOTED AS "TYPICAL" OR "TYP." OR "TYP" SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR
5. DIMENSIONS NOTED AS "FIELD VERIFY" OR "V.I.F." OR "MF" SHALL BE MEASURED AND CONFIRMED AT THE PROJECT SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCH. BEFORE INCORPORATING INTO THE WORK
6. DIMENSIONS NOTED AS "CLEAR" OR "CLEAR INSIDE" REQUIRE SPECIFIC COORDINATION AMONG DISCIPLINES AND OR MANUFACTURERS
7. ALIGN FINISHED FACE OF WALLS WHERE WALL PARTITIONS OF DIFFERING THICKNESS ABUT AND OR ADJOIN IN THE SAME PLANE
8. PROVIDE AND INSTALL CONT. REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE
9. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48
10. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES
11. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS, ALL PLUMBING FIXTURES, ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED
12. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK











HOOD TO BE RELOCATED TO COMPLY WITH GUARDIAN FIRE SUPRESSION SYSTEM REQUIREMENTS

NEW CABINET TO CONCEAL GUARDIAN FIRE SUPRESSION SYSTEM.

POWER CORD WALL MOUNTED AND GUIDED TO OUTLET BEHIND RANGE.

*GUARDIAN FIRE SUPRESSION SYSTEM TO BE INSTALLED BY OTHERS.

1 STUDENT STATION TYP.
1/4" = 1'-0"

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MEP/FP
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MCISD VETERANS HS CULINARY ARTS
700 E MILE 2 RD
MISSION, TX 78574
CONSTRUCTION DOCUMENTS

Mission CISD

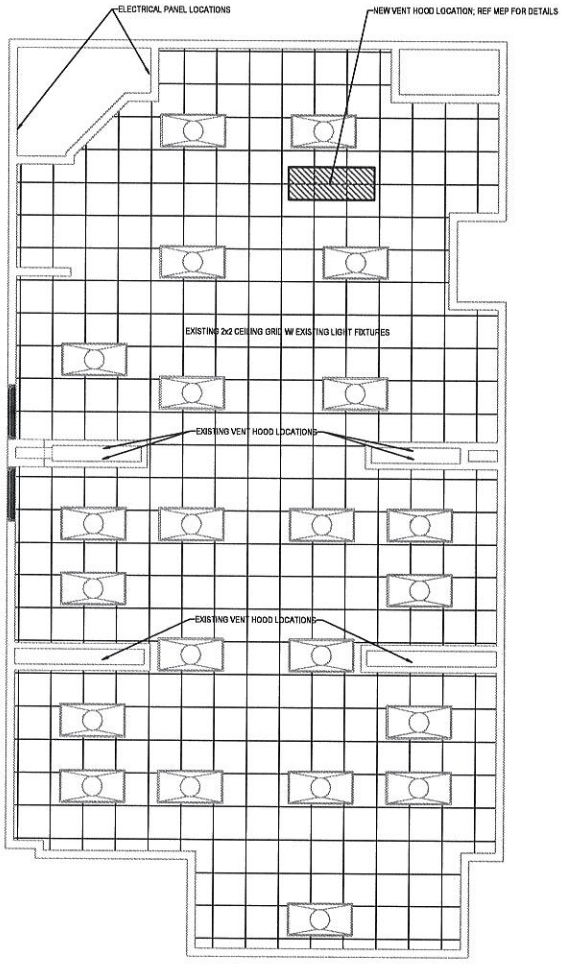
DISCIPLINE

FLOOR PLAN

A-101

Carlos Luna 1/26/22

1/26/22



1 RCP - COMPOSITE
1/4" = 1'-0"

GENERAL CEILING PLAN NOTES

1. REFER TO AND COORD. WITH ROOM FINISH SCHEDULES FOR SPECIFIC CEILING TYPES.
2. ALL SCHEDULED CEILING HEIGHTS ARE FROM THE MAIN FLOOR LEVEL WITHIN THE ROOM AND OR SPACE, AND ARE NOT FROM AN ELEVATED FLOOR LEVEL, AND ARE NOT FROM A RECESSED FLOOR LEVEL.
3. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCH. CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
4. ONLY CEILING MOUNTED FIXTURES AND EQUIP. IS SHOWN ON ARCH. CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
5. CEILING MOUNTED LIGHT FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. COORD. WITH ELEC. DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS.
6. CEILING MOUNTED LIGHT FIXTURES WITHIN FIRE RATED CEILING ASSEMBLIES SHALL HAVE LIGHT FIXTURE PROTECTION AND BE TENTED OR OTHERWISE FIRE RATED TO MATCH CEILING ASSEMBLY FIRE RATING.
7. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEPT DOCUMENTS. COORD. LOCATIONS OF CEILING ACCESS PANELS WITH ARCH. PRIOR TO INSTALLATION. CEILING ACCESS PANEL FIRE RATINGS SHALL MATCH CEILING ASSEMBLY FIRE RATINGS.
8. REFER TO WALL SECTIONS FOR WALL-CEILING INTERFACE

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CONSTRUCTION DOCUMENTS

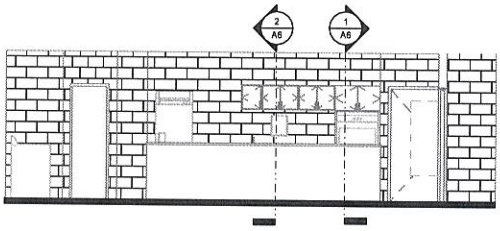
Mission CISD

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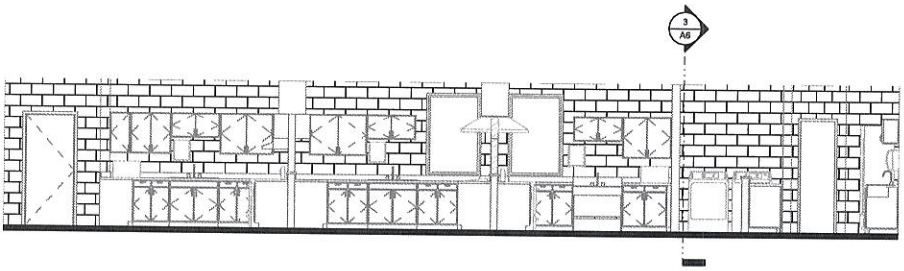
REFLECTED CEILING PLAN - COMPOSITE

A-201

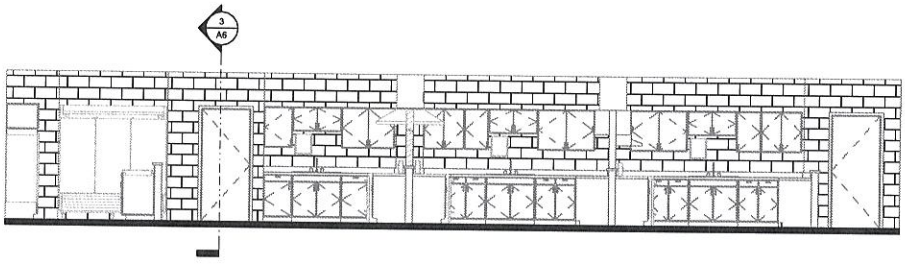
C2



3 Section 3
1/4" = 1'-0"



2 Section 1
1/4" = 1'-0"



1 Section 2
1/4" = 1'-0"

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MCISD VETERANS HS CULINARY ARTS

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CONSTRUCTION DOCUMENTS

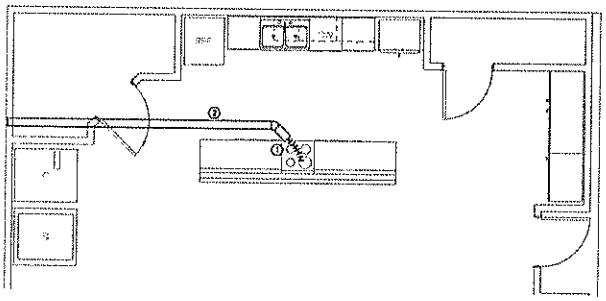
Mission CISD

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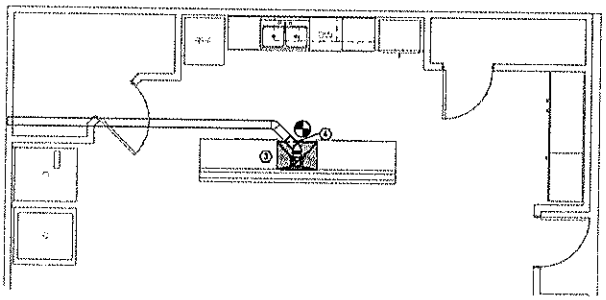
BUILDING SECTIONS

A6

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
CO2	CARBON DIOXIDE SENSOR		FLEXIBLE CONNECTION
SD	SMOKE DAMPER		MECHANICAL EQUIPMENT
FSD	COMBINATION FIRE / SMOKE DAMPER		NEW DUCTWORK
FD	FIRE DAMPER		EXISTING DUCTWORK TO REMAIN
H	HUMIDISTAT		EXISTING DUCTWORK TO BE REMOVED
T	THERMOSTAT		CONNECTION TO EXISTING
VD	VOLUME DAMPER		
S	SMOKE DETECTOR		



2 MECHANICAL PLAN - DEMOLITION
SCALE: 1/4" = 1'-0"



1 MECHANICAL PLAN - NEW WORK
SCALE: 1/4" = 1'-0"

GENERAL NOTES - MECHANICAL PLAN

1. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL LOCATION OF EQUIPMENT, DUCTS, AND GRILLES ETC. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS THAT COMPLETE MECHANICAL SYSTEMS BE FURNISHED, INSTALLED, TESTED AND READY FOR OPERATION WHETHER OR NOT EVERY ITEM OF EQUIPMENT, ACCESSORY, DEVICE, ETC. IS SHOWN. REFERENCE SHALL BE MADE TO THE FULL DRAWING PACKAGE INCLUDING ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR COORDINATION AND POTENTIAL CONFLICTS. THE MECHANICAL SUBCONTRACTOR SHALL, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICTS WITH OTHER TRADES, OR FOR PROPER EXECUTION OF THE WORK. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATING DUCTWORK.
2. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS GRAPHICALLY AT SITE. REVIEW ALL DRAWINGS, INCLUDING THOSE OF OTHER TRADES.
3. COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO VERIFY NO INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH FABRICATION OR EQUIPMENT ORDERS.
4. REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
5. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR EXPENSE TO OTHERS.
6. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.
7. IN AREAS WITH DRYWALL CEILINGS COORDINATE LOCATIONS OF ACCESS PANELS WITH THE GC FOR ACCESS TO VALVES, DUCTWORK ACCESSORIES, DAMPERS, ETC. COORDINATE PANEL TYPE AND COLOR WITH ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANELS PRIOR TO BIDDING.
8. SEAL ALL FLOOR AND WALL PENETRATIONS AIRTIGHT WHERE CONDUITS, PIPING, AND DUCTS PENETRATE.
9. CAULK ALL PIPE AND DUCT PENETRATIONS OF FULL HEIGHT NON-FIRE RATED WALL, PARTITION, FLOOR, AND ROOF ASSEMBLIES. THIS IS ESSENTIAL TO PREVENT NOISE TRANSMISSION FROM ONE ROOM TO ANOTHER AND TO PROVIDE THE DESIRED NC LEVELS WITHIN ROOMS.
10. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO THE START OF THE DEMOLITION PROCESS.

KEYED NOTES - MECHANICAL PLAN

1. REMOVE EXISTING FLEX DUCT.
2. EXISTING HOOD EXHAUST DUCTWORK. CONTRACTOR SHALL VERIFY THE CONSTRUCTION OF THE DUCTWORK PRIOR TO ANY WORK BEING PERFORMED TO ENSURE THAT THE DUCTWORK MEETS THE REQUIREMENTS SET FORTH IN THE INTERNATIONAL MECHANICAL CODE SECTION 505. IF THE DUCTWORK DEVIATES FROM THE REQUIREMENTS, THEN THE DUCTWORK SHALL BE REPLACED WITH NEW OF THE SAME SIZE. IF DUCTWORK IS ACCEPTABLE, ANY BLOCKAGES THAT EXIST SHALL BE CLEARED TO PROVIDE A FULLY FUNCTIONAL SYSTEM.
3. NEW OWNER PROVIDED RANGE HOOD. MECHANICAL DESIGN IS BASED UPON HOOD MODEL BROAN B6436055S. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS TO VERIFY THAT THE EXISTING DUCTWORK MEETS THE MANUFACTURER'S REQUIREMENTS.
4. PROVIDE AND INSTALL NEW SECTION OF HARD DUCT EXTENDING EXISTING TO THE NEW HOOD. CONNECT TO EXHAUST DUCT COLLAR ON THE HOOD. DUCTWORK CONSTRUCTION SHALL ADHERE TO THE REQUIREMENTS OF IMC 2015 SECTION 505. PROVIDE AND INSTALL BACKDRAFT DAMPER IF NOT PROVIDED WITH THE HOOD.

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LEAF ENGINEERS

VETERANS HIGH SCHOOL
CULINARY ARTS RENOVATION
Address Line 1
Address Line 2
[Project Status]

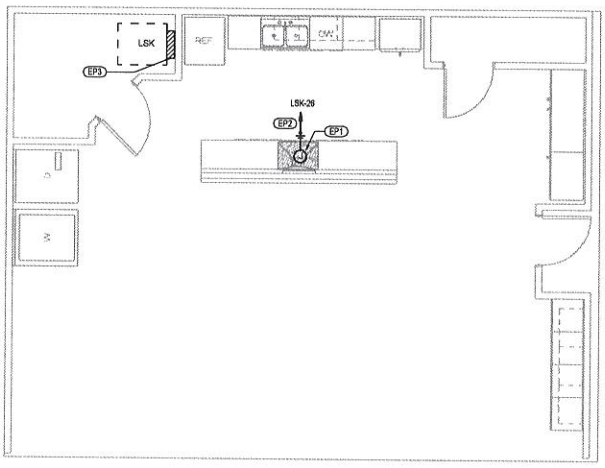
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MECHANICAL PLAN

M2.01

CZ



1 ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES - POWER PLAN

1. COORDINATE ROUGH-IN LOCATION OF DEVICES WITH ARCHITECTURAL ELEVATIONS, DETAILS AND PLANS. INSTALL DEVICE BOXES FLUSH WITH FINISHED SURFACE.
2. INSTALL A DEDICATED NEUTRAL FOR EACH 120V OR 277V BRANCH CIRCUIT.

KEYED NOTES - POWER PLAN

EP1 CONNECTION FOR EXHAUST HOOD WITH 2#12,#12GND,3/4"C. COORDINATE EXACT MOUNTING HEIGHT AND ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

EP2 SERVE FROM NEW 120V, 20A CIRCUIT BREAKER IN EXISTING PANEL LSK.

EP3 CONTRACTOR TO INSTALL NEW 20A1P CIRCUIT BREAKER IN EXISTING PANEL LSK, SPACE 26 FOR NEW EXHAUST HOOD. NEW BREAKER SHALL BE OF THE SAME MANUFACTURER AND COMPATIBLE WITH THE EXISTING PANEL. NEW BREAKER SHALL HAVE AN AIC RATING TO MATCH PANEL.

PBK

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LEAF ENGINEERS
TEXAS REGISTERED ENGINEERING FIRM F-18672

VETERANS HIGH SCHOOL
CULINARY ARTS RENOVATION

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ELECTRICAL POWER PLAN

E2.01

CZ

SUBJECT: Schematics Design for the Additional Animal Pens for the Agricultural Science Barns Project – PBK Architects

PRESENTER: Rick Rivera, Assistant Superintendent for Operations

BACKGROUND INFORMATION

In May of 2008, a successful construction bond election was concluded for a total amount of $59,000,000.00. In August of 2008, the Texas Education Agency (TEA) approved the District's application for the Instructional Facilities Allotment (IFA) program.

During the district-wide needs assessment for the 2006 and the 2008 bond construction and renovation projects were identified and subsequently ranked by priority. The projects selected by this process were funded and completed. There continued to be a need district-wide for improvements that were not funded by either the 2006 or 2008 bonds.

On Saturday, March 24, 2012, a Facilities Committee Bond Workshop was held to consider projects utilizing the remaining funds from the proposed new elementary school, which no longer was to be built.

At the Facilities Committee meeting held on April 11, 2012, one of the projects discussed for possible Board recommendation was the renovation and construction of the Agricultural Science Facility.

At the Regular Board of Trustees meeting held on Wednesday, April 18, 2012, the Board approved PBK Architects for administrative construction services for the renovations at the Agricultural Science Facility. At this same meeting, the Board approved a total budget of $700,000.00 for the renovations.

The new facility will provide additional holding pens for goats, sheep, pigs, hogs and steers with wash racks, sand pits, lighting and a parking area. If the budget allows a possible show arena, classroom, office, concession area, etc. may be built. The Agricultural Science Facility would be utilized by the districts agricultural and FFA programs.

At the Facilities Committee meeting held on Wednesday, December 05, 2012, PBK presented preliminary drawings of potential renovations and additions to the site along with preliminary drawings of a new MCISD driveway and parking area. Discussed at the meeting were possible budget constraints, particularly what the Agricultural instructors at both high schools are initially recommending. Possibly, only a driveway and parking area may be able to be constructed with the current budget.

At the Regular Board of Trustees meeting held on Wednesday, January 23, 2013 the Board considered and approved for PBK Architects for a master plan design assessment for the agricultural science facilities renovation project. At this same Board of Trustees meeting, the Board decided to proceed to only fund the driveway and parking area at this time.

At the Facilities Committee meeting held on May 07, 2014, Committee Members reviewed two options for a master plan for the Agricultural Science Facility. After

numerous design meetings with the Agricultural Instructors from both MHS and VMHS, PBK Architects presented a master plan. The master plan incorporated those recommended suggestions into two designs. One design is to construct one large facility to be shared by both schools. The second design is for individual facilities. The plan consists of individual hog, pig, goat, lamb and steer pens, with storage rooms, classrooms, concession stand, wash racks, arena, loading shoots and parking lots. In order to proceed with the project, the Board of Trustees must approve the construction project, approve an estimated total construction budget, approve the procurement method and select an architect for the full design, development and administration. The Facilities Committee tabled this project due to the probability that the master plan would be over budget.

Administration continued to meet with MHS and VMHS Agricultural Instructors along with PBK Architects on the master plan and have agreed to a conceptual preliminary design that will be suitable to both instructors and campuses. The next phase of this project is requesting consideration and approval for the construction of a new Agricultural Science Facility and a proposed budget.

At the Special Board of Trustees Meeting held on Wednesday, October 01, 2014, the Board approved the construction of a new Ag Facility and Budget.

At the Regular Board of Trustees Meeting held on Wednesday, March 11, 2015, the Board approved “Final” designs. PBK Architects will proceed to complete construction documents. The construction of the driveway and parking lot is under a separate budget and contract. Mr. Javier Hinojosa Civil Engineering is under contract for this portion of the work

At the Special Board of Trustees meeting held on Wednesday, August 26, 2015, the Board approved to enter into contract with D. Wilson Construction.

General Funds
Construction Budget: $2,750,000.00
Total Construction Budget: $3,500,000.00
Wilson Const. BAFO: $2,607,000.00

Project final completion: 08/20/2016

At the Regular Board of Trustees Meeting held on November 11, 2020, the Board was informed that discussions with the previous Administration were held concerning what to do with the old agricultural farm. Discussions centered on that the old farm was in bad shape structurally and aesthetically and needed to be torn down since we now had built a new facility for both campuses. Discussions then were held on trying to keep some of the structure, pour concrete flooring, install tables and make this into a picnic area. This did not occur and was not a priority project.

Recently, parents and students continue to use these old facilities. Upon inspecting the conditions and makeshift electrical and power installations we declared that this area was not safe and the maintenance department proceeded to disconnect all electrical power to these buildings due to a potential fire and electrical hazard.

The question has now been asked what are we to do with these old structures, thus this presentation to the Board of Trustees. Current pictures are attached to show the conditions of the buildings. A consideration is that the center structure be demolished due to its poor condition. With work and funding possibly the west and east structure may be salvaged for a temporary holding pen(s) during livestock shows at the new facility. The other structure may possibly be converted into a picnic area. Work that would need to be done is: (not all inclusive)

- Demolition of at least one structure
- Removal of old electrical, plumbing and camera devices
- Sandblasting of the structures
- Preparing and painting of the structures
- Concrete flooring
- New installation of electrical, plumbing and camera/security systems
- Possible repairs of pens
- Civil work
- Does not include any roofing work

Pending: Administration recommends Consideration and Approval of Project and Proposed Budget for the Demolition of Old Agricultural Science Barns Project.

Due to the increasing number of animal science projects for both Mission High School and Veterans Memorial High School, the CTE department is requesting to increase the number of animal pens at the current facility. The plan is for current hog and goat/lamb pens to be split into two pens allowing additional project animals. This project will be a turn-key construction project to include the additional electrical outlets and water troughs needed. Due to the nature of the project design engineering will be required. PBK Architects was the original design team for the Agricultural Science Barn.

At the Regular Board of Trustees meeting held on August 11, 2021 the Board approved the project, proposed budget and utilizing the on-call professional services for the Additional Animal Pens for the Agricultural Science Barns Project – PBK Architects. PBK Architects estimated project cost is $50,000.00

ADMINISTRATIVE CONSIDERATIONS

PBK Architect has continued to meet with MCISD Staff and Administration on the designs, thus administration will be presenting Schematic Design for the Additional Animal Pens for the Agricultural Science Barns Project – PBK Architects. Designs have been reviewed and approved by staff.

Schematic Design:

Rough sketches that develop a feasible conceptual design of the project.

Construction Documents:

Communicating the design intent through further refinement of the written and graphic representation of all building materials, components and equipment that can be quantified and useful to contractors.

FUNDING SOURCE AND AMOUNT

Local Funds/CTE

Est. Project Budget:	$50,000.00
Project Contingency 20%:	$10,000.00
Est. Professional Services 12%:	$ 6,000.00
Est. Total Project Cost:	$66,000.00

RECOMMENDATION

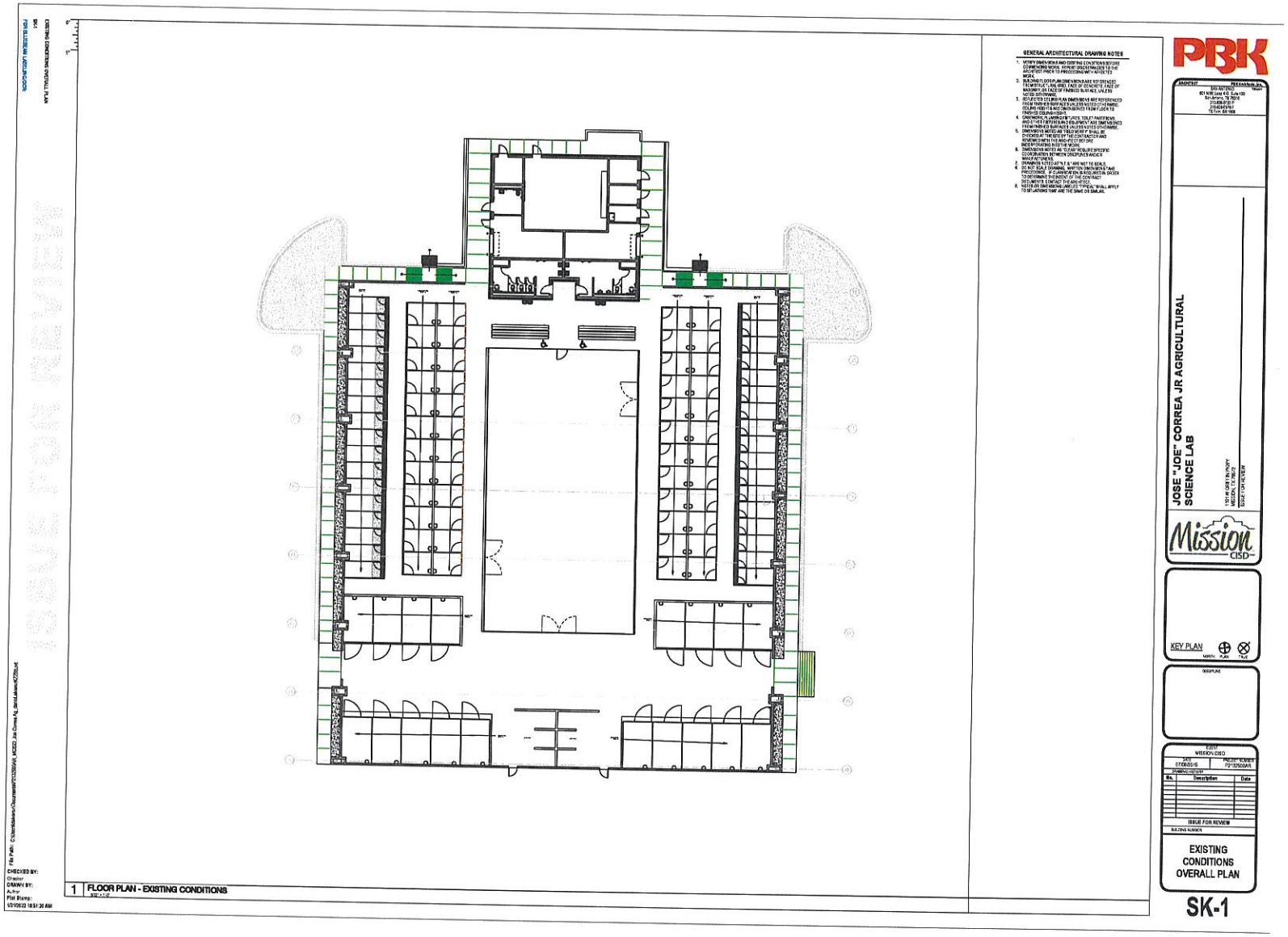
Administration presenting Schematics Design for the Additional Animal Pens for the Agricultural Science Barns Project – PBK Architects

EXHIBIT

Schematic Designs

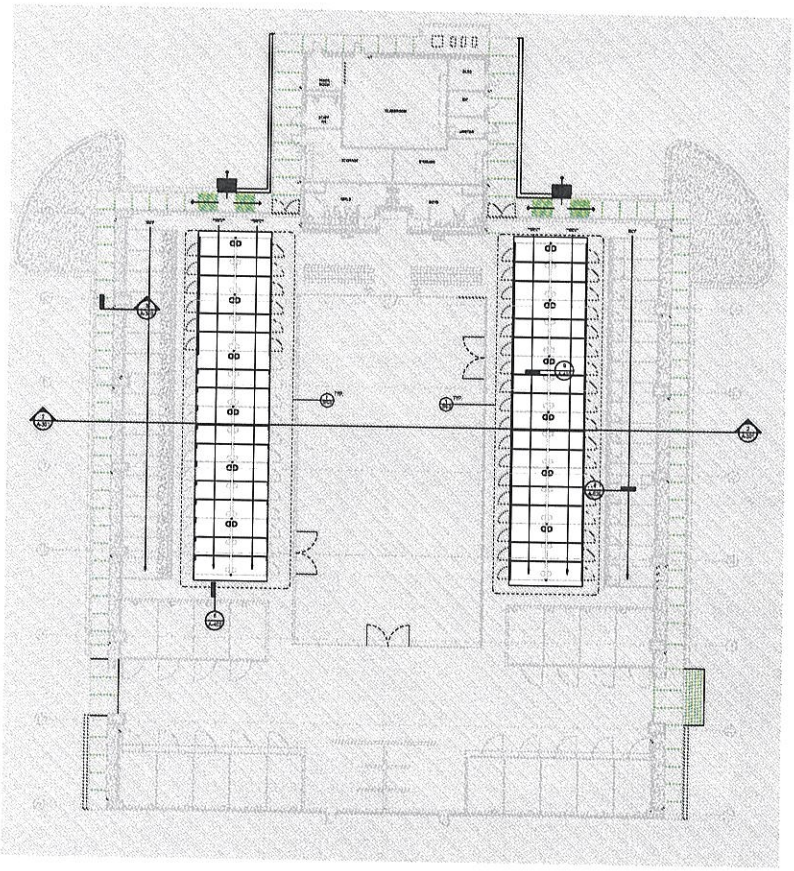
CONTACT PERSONS

Rick Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management


GENERAL ARCHITECTURAL DRAWING NOTES
1 FLOOR PLAN - EXISTING CONDITIONS
PBK
JOSE "JOE" CORREA JR AGRICULTURAL SCIENCE LAB
Mission CISD
KEY PLAN
ISSUE FOR REVIEW
EXISTING CONDITIONS OVERALL PLAN
SK-1

1/26/22

1/26/22



1 FLOOR PLAN - NEW CONSTRUCTION

GENERAL ARCHITECTURAL DRAWING NOTES

NEW CONSTRUCTION AND EXISTING - LEGEND

JOSE "JOE" CORREA JR AGRICULTURAL SCIENCE LAB

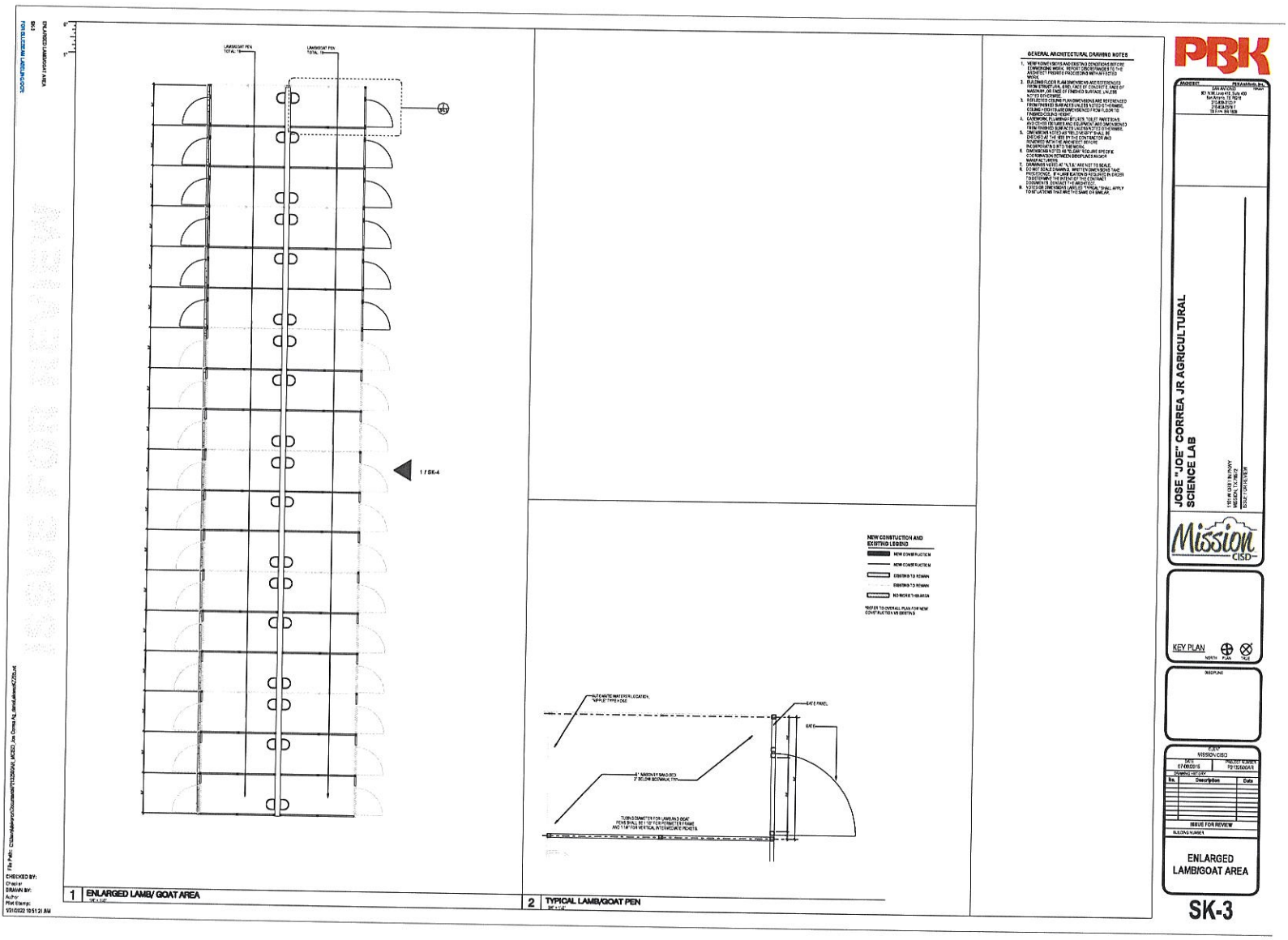
MISSION CISD

KEY PLAN

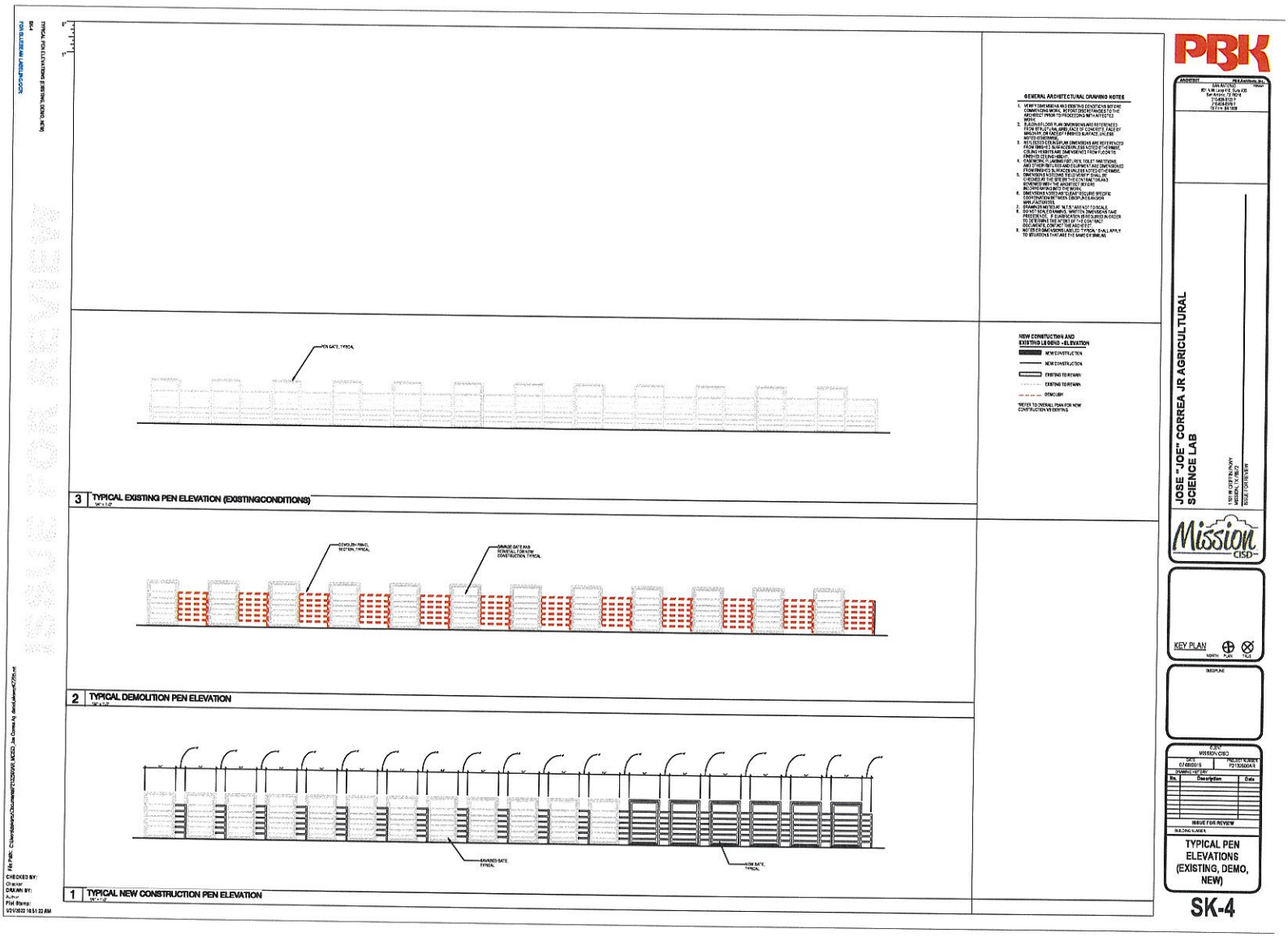
NEW CONSTRUCTION OVERALL PLAN

SK-2

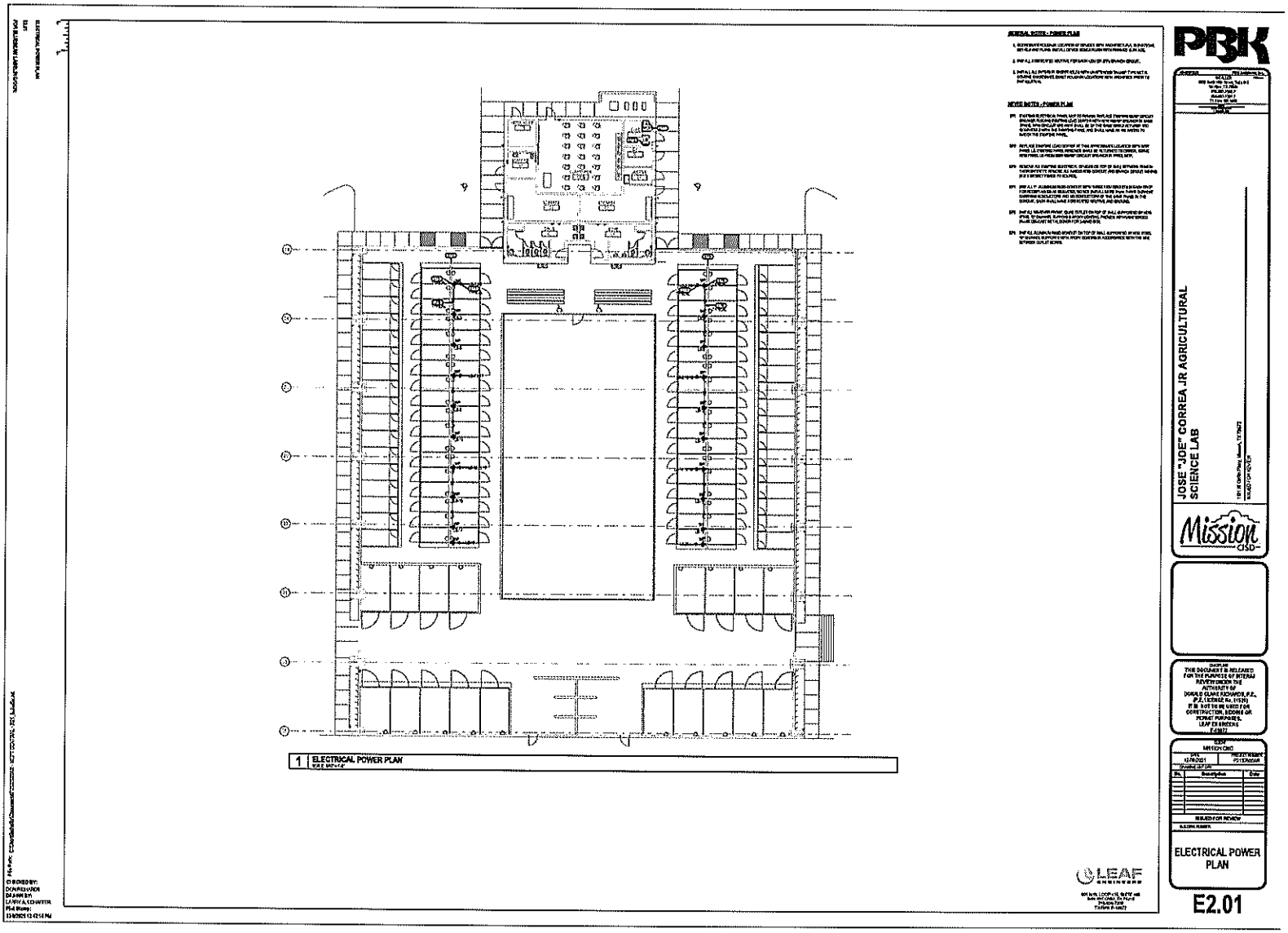
C2

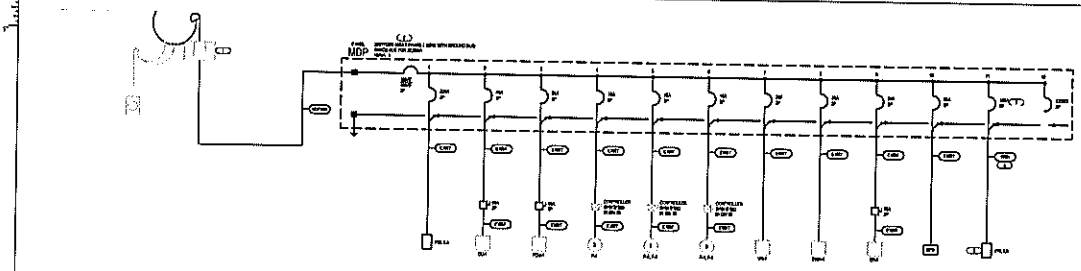

LAMB/GOAT PEN TOTAL
LAMB/GOAT PEN TOTAL
1 / SK-4
GENERAL ARCHITECTURAL DRAWING NOTES
NEW CONSTRUCTION AND EXISTING LEGEND
NEW CONSTRUCTION
NEW CONSTRUCTION
EXISTING TO REMAIN
EXISTING TO REMAIN
NO WORK THIS AREA
AUTO WATER WATER FOUNTAIN, NIPPLE TYPE H-D02
GATE PANEL
GATE
4" MASONRY SAW CUT 3" BELOW SIDEWALK TYP.
TUBING DIAMETER FOR LAMB AND GOAT FENCE SHALL BE 1 1/2" O.D.X .065 WALL STEEL PIPE FOR PERIMETER FRAME AND 1 1/4" FOR VERTICAL INTERMEDIATE POSTS.
1 ENLARGED LAMB/ GOAT AREA
2 TYPICAL LAMB/GOAT PEN
PBK
JOSE "JOE" CORREA JR AGRICULTURAL SCIENCE LAB
Mission CISD
KEY PLAN
NORTH PLAN TRUE
WISD/CISD
07/01/2022
ISSUE FOR REVIEW
ENLARGED LAMB/GOAT AREA
SK-3

C 7


GENERAL ARCHITECTURAL DRAWING NOTES
NEW CONSTRUCTION AND EXISTING LEGEND + ELEVATION
NEW CONSTRUCTION
NEW CONSTRUCTION
EXISTING TO REMAIN
EXISTING TO REMAIN
DEMOLISH
3 TYPICAL EXISTING PEN ELEVATION (EXISTINGCONDITIONS)
2 TYPICAL DEMOLITION PEN ELEVATION
1 TYPICAL NEW CONSTRUCTION PEN ELEVATION
JOSE "JOE" CORREA JR AGRICULTURAL SCIENCE LAB
MISSION CISD
KEY PLAN
ISSUE FOR REVIEW
TYPICAL PEN ELEVATIONS (EXISTING, DEMO, NEW)
SK-4

C2


GENERAL NOTES - POWER PLAN
KEYED NOTES - POWER PLAN
1 ELECTRICAL POWER PLAN
PBK
JOSE "JOE" CORREA JR AGRICULTURAL SCIENCE LAB
Mission CISD
LEAF ENGINEERS
ELECTRICAL POWER PLAN
E2.01



1 ELECTRICAL RISER DIAGRAM

PANELBOARD MDP

PANELBOARD LB

LOAD ANALYSIS

PBK

JOSE "JOE" CORREA JR AGRICULTURAL SCIENCE LAB

Mission CISD

ELECTRICAL ONE LINE DIAGRAMS & SCHEDULES

E5.01

SUBJECT: Change Order #05 for Fifteen (15) Delay Days for the Maintenance Warehouse Structural Project – PBK Architects

PRESENTER: Ricardo Rivera
Assistant Superintendent for Operations

BACKGROUND INFORMATION

At the Regular Board of Trustees meeting held on February 12, 2020 the Board of Trustees approved to grant authority to Superintendent Dr. Perez to authorize the negotiations and enter into contract for professional services for the district-wide construction projects. The selected firm awarded was PBK Architects. PBK Architects was to conduct a roofing assessment for the Warehouse, Transportation and Maintenance departments.

At the Regular Board of Trustees meeting held on July 29, 2020, The Board considered suspension of Texas Education Code section 44.031, and authorizing the Superintendent or her designee to negotiate and execute any and all agreements, contracts, and/or purchase orders necessary to remediate and/or repair damage to District property, personal property and/or Infrastructure caused by the Hurricane Hanna storm which occurred on or around the weekend of July 24, 2020 and to seek on the District's behalf any and all insurance proceeds, federal and/or state aid available to the District to offset costs associated with the repair and remediation.

At the Regular Board of Trustees Meeting held on May 12, 2021, the Board approved PBK Architects schematic and final designs for the Maintenance Warehouse Project.

Administration will use competitive sealed proposals (CSP's) as the procurement method as approved by the Board of Trustees in the February 2021 Board of Trustees meeting. This method was approved as the primary default method for projects.

Advertisements in the local newspapers were posted on May 19, 2021 and May 26, 2021. A pre-proposal meeting was held on Thursday, May 27, 2021 and proposals will be opened on June 3, 2021 at 2:00 p.m. and firms will be able to view remotely. Pre-ranking of the proposals will be conducted by Ms. Lorena Garcia, Mr. Ricardo Rivera, Ms. Dora Garcia, Mr. Joel Garcia, Ms. Rumalda Ruiz and Ms. Daisy Cuevas.

Pre-ranking of proposals by Administration is a district process to pre-check if all requested documents and information in the Competitive Sealed Proposal (CSP) was submitted.

However, since the district no longer has a Facilities/Environment Committee and we now use the Board of Trustees Work Shop format Administration presents the option of presenting Consideration and Approval to Accept Administrations Rankings and Enter into Negotiations in the Order of Ranking for the Mission CISD – Structural Maintenance Warehouse Project.

Three proposals were submitted for this project and were ranked by the Administration Committee. The Board must now consider the rankings and approve to enter into negotiations with the top ranked firms in the order selected. Rankings listed below:

Company, Base Bid, Days and Total Points
NM Contracting Base Bid $348,800.00 with 120 construction days 98pts.
Alternate: $50,750.00 with additional 10 construction days

G & G Contractors Base Bid $399,350.00 with 120 construction days 89.6pts.
Alternate: $57,400.00 with additional 45 construction days

Aguirre F & C Base Bid $434,094.00 with 120 construction days 73.1pts.
Alternate: $50,210.00 with no additional days

At the Regular Board of Trustees Meeting on Tuesday, June 8, 2021 the Board approved to negotiate with the top rank vendor, NM Contracting.

Initial project negotiations were held on June 10, 2021 with Mr. Charles Anderson, NM Contracting, Mr. Joel Garcia and Mr. Ricardo Rivera. On Wednesday, June 10, 2021 NM Contracting submitted their best and final offer (BAFO) with no changes from their original proposal.

The Board of Trustees has the option to accept this BAFO, the initial base proposal, to decline the offer and direct Administration to enter into negotiations with the next contractor or to reject all offers and re-advertise for the project using the same specifications and design or direct the engineer to re-design the project to meet the approved budget.

At the Special Board of Trustees Meeting on June 23, 2021, the Board approved to Accept the Best and Final Offer (BAFO) and to Enter Into Contract for the Mission CISD – Structural Maintenance Warehouse Project and awarded NM Contracting, LLC the project.

NM Contracting, LLC
Base Bid: $348,800.00
Alternate: $50,750.00 (adjacent shop area)
Total Bid: $399,550.00

Base Bid Time: 120 days from notice to proceed (NTP)
Alternate Time: 10 days
Total Const. Time: 130 days from NTP

Notice to Proceed (NTP) was issued on July 26, 2021 with a substantial completion date of December 03, 2021.

At the Regular Board meeting held on October 20, 2021 the Board approved the following items, Change Proposal Request #01 for Sixty (60) Delay Days for the Maintenance Warehouse Structural Project due to shortage in materials and supplies, the new substantial completion will be February 01, 2022.

Change proposal request #02R for electrical panel upgrade. Currently the electrical panel has 24-space breaker panel and request to upgrade to a 30-space breaker panel. If approved it will be deducted from owner's contingency allowance.

Contingency Allowance:	$25,000.00
CPR#2R electrical panel:	$ 3,963.78
Contingency Balance:	$21,036.22

At the Regular Board meeting held on December 15, 2021, the Board approved the Consideration and Approval of Change Proposal Request #4 for Replacement of Wood Rafter and Fourteen (14) Delay Days for the Maintenance Warehouse Structural Project – PBK Architects. If approved it will be deducted from owner's contingency allowance and the new substantial completion will be February 15, 2022.

Contingency Allowance:	$21,036.22
CPR#4 replace wood rafter:	$16,166.15
Contingency Balance:	$ 4,870.07

ADMINISTRATIVE CONSIDERATIONS

PBK and NM Contracting are having some delays on material availability, deliveries, color selections and weather-related delays, thus, they present Change Order #05 for Fifteen (15) Delay Days for the Maintenance Warehouse Structural Project. If approved the new substantial completion will be March 02, 2022.

FUNDING SOURCE

General Funds
Estimated Budget $500,000.00

RECOMMENDATION

Administration presents Change Order #05 for Fifteen (15) Delay Days for the Maintenance Warehouse Structural Project – PBK Architects

EXHIBIT

Change Order (CPR) #05

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

6316 N 10th Street, Bldg A, Suite 1
McAllen, Texas 78504
Phone: 956-687-1330
PBK.com

January 21, 2021 **VIA: E-mail**

Mr. Ricardo Rivera
Assistant Superintendent for Operations
520 Holland Ave.
Mission TX 78572

Re: Mission CISD Maintenance Warehouse
Change Proposal Request No. 05- Extension of Time

Mr. Rivera,

We have reviewed CPR No. 05 regarding a request for an extension of time for delays on some material availability, deliveries, color selections and weather-related delays. They are requesting a total of thirty-two (32) days. Based on our review, we would recommend an extension of time of fifteen (15) days which would extend the construction contract time from February 15, 2022 to March 2, 2022.

Please do not hesitate to call me should you have any questions.

Respectfully submitted,

David I. Iglesias
Client Executive, PBK

CC: File

Change Proposal Request (CPR)

Project Information	
Project #	2097
Title	Mission CISD Maintenance Warehouse Renovation
Address	1201 Bryce Drive
City, State, Zip	Mission , TX 78572
Country	US

Change Proposal Request	
Contract #	001
CPR #	005
Issue Date	21-Jan-2022
Subject	Additional days Pandemic

Prime Contract Company	
Contact	Derrick Munoz
Company	NM Contracting, LLC
Address	2022 Orchid Ave
City, State, Zip	McAllen, Texas 78504
Country	United States
Phone	(956) 631-5667
Fax	(956) 627-3959

Owner	
Contact	David Iglesias
Company	Mission CISD
Address	1201 Bryce Drive
City, State, Zip	Mission , TX 78572
Country	US
Phone	956-323-5648
Fax	956-323-5616

Description of the proposed change:

Additional days being requested
wood materials 10 Days
RTUs 5 Days
weather 3 Days
Fabrication gutter / Down Spouts 14 Days

Net Amount of this Proposed Change: **$0.00**

The Contract time due to this Change Proposal Request has increased by 32 Working Days.

This document, when fully executed as accepted, shall constitute authorization to proceed with the work described herein.

Submitted By

NM Contracting, LLC
Company

_____ _____
By Date

Response: ☐ Accept ☐ Do Not Accept

Mission CISD
Company

_____ _____
By Date

Proposed Items

Item #	Item Description	Quantity	Unit	Unit Price	Subtotal
1	32 Additional days for Pandemic Delays	1		0.00	0.00

Subtotal = $0.00
Tax = $0.00
Total = $0.00

Mission ISD Maintenance Warehouse RTU Lead Time

Andres Canales <contref7@aol.com>

Mon 1/24/2022 10:51 AM

To: Derrick Munoz <derrick@nmcontracting.us>

Derrick
I just wanted to send you an update on the Equipment for this project. We are still waiting for the units and should be getting them by first or second week of February. The delay was due to material shortages at the factory. I will keep you updated as soon as I get confirmation of ship status from our supplier.

Thank you

Andres Canales Jr, owner
Continental Refrigeration
(956) 383-4247

Mission CISD ware house renovations

Javi Sanchez <javi.sanchez@tadcoroofing.com>

Mon 1/24/2022 1:16 PM

To: Derrick Munoz <derrick@nmcontracting.us>

Derrick,

Regarding our conversation the metal has a delay time of about 3-6 wks. Just to be on the same page.

Thanks m.

Javier Sanchez
Project Manager
TADCO Roofing – Corporate Office - Edinburg
902 E. Owassa Rd
Edinburg, TX 78542
Office (956)-961-4736 (Fax) 956-961-4737
Cell (956) 221-0089
E-mail: javi.sanchez@tadcoroofing.com
HUB Certified Texas Corporation
www.tadcoroofing.com



Mission CISD Maintenance Warehouse Delays

Michael Ramos <mramos@commercialframingsystems.com>

Mon 1/24/2022 2:20 PM

To: Derrick Munoz <derrick@nmcontracting.us>; Jerry Garcia <jgarcia@nmcontracting.us>

Cc: Eddie Elizondo <commercialframingsystems@yahoo.com>

Good Afternoon,

During the process of ordering the treated wood deck material, we were told that there would be a two-week lead time before material would arrive. We advised NM Contracting of this delay and discussed holding off demolition of the roof for a couple of weeks until the material was in stock and ready for delivery to the job site.

Thanks,

Michael Ramos

Business Manager
Commercial Framing Systems, LLC
Cell: 210-848-2077
Email: mramos@commercialframingsystems.com
www.commercialframingsystems.com

Climatological Data for MCALLEN MILLER INTL AP, TX - January 2022

Date	Temperature				HDD	CDD	Precipitation	New Snow	Snow Depth
	Maximum	Minimum	Average	Departure					
2022-01-01	92	69	80.5	18.3	0	16	0.00	0.0	0
2022-01-02	72	39	55.5	-6.6	9	0	0.00	0.0	0
2022-01-03	61	35	48.0	-14.1	17	0	0.00	0.0	0
2022-01-04	74	43	58.5	-3.6	6	0	0.00	0.0	0
2022-01-05	83	47	65.0	3.0	0	0	0.00	0.0	M
2022-01-06	84	57	70.5	8.5	0	6	0.01	0.0	0
2022-01-07	63	48	55.5	-6.5	9	0	0.00	0.0	0
2022-01-08	73	50	61.5	-0.5	3	0	0.00	0.0	0
2022-01-09	80	63	71.5	9.4	0	7	T	0.0	0
2022-01-10	64	53	58.5	-3.6	6	0	T	0.0	0
2022-01-11	69	52	60.5	-1.6	4	0	0.00	0.0	0
2022-01-12	59	54	56.5	-5.7	8	0	0.03	0.0	0
2022-01-13	77	49	63.0	0.8	2	0	0.00	0.0	0
2022-01-14	83	49	66.0	3.7	0	1	0.00	0.0	0
2022-01-15	68	51	59.5	-2.9	5	0	T	0.0	0
2022-01-16	67	35	51.0	-11.4	14	0	0.00	0.0	0
2022-01-17	75	36	55.5	-7.0	9	0	0.00	0.0	0
2022-01-18	81	47	64.0	1.4	1	0	0.00	0.0	0
2022-01-19	87	58	72.5	9.8	0	8	0.00	0.0	0
2022-01-20	66	39	52.5	-10.3	12	0	T	0.0	0
2022-01-21	46	**33**	39.5	-23.4	25	0	**0.65**	0.0	0
2022-01-22	50	44	47.0	-16.1	18	0	0.15	0.0	0
2022-01-23	53	48	50.5	-12.7	14	0	0.14	M	M
2022-01-24	M	M	M	M	M	M	M	M	M
2022-01-25	M	M	M	M	M	M	M	M	M
2022-01-26	M	M	M	M	M	M	M	M	M
2022-01-27	M	M	M	M	M	M	M	M	M
2022-01-28	M	M	M	M	M	M	M	M	M
2022-01-29	M	M	M	M	M	M	M	M	M
2022-01-30	M	M	M	M	M	M	M	M	M
2022-01-31	M	M	M	M	M	M	M	M	M
Sum	1627	1099	-	-	162	38	0.98	0.0	-
Average	70.7	47.8	59.3	-3.1	-	-	-	-	0.0
Normal	72.3	52.4	62.4	-	119	58	0.57	M	-

Above Normals represent the month through 2022-01-23.

Observations for each day cover the 24 hours ending at the time given below (Local Standard Time).
Max Temperature : midnight
Min Temperature : midnight
Precipitation : midnight
Snowfall : midnight
Snow Depth : 6am

SUBJECT: Final Completion, Less Betterment Fund Allowance and Final Payment for the Canopies and Sidewalks at the Mission High School Special Education 18+ Program – PBK Architects

PRESENTER: Ricardo Rivera
Assistant Superintendent for Operations

BACKGROUND INFORMATION

Mission CISD Administration has been working with Mission High school Special Education +18 Program on upgrading their educational facilities. Currently this program is mainly housed at the portable buildings east of the main campus. Currently there are limited canopies and sidewalks where students need to walk to and from class, thus the need for these additions.

If MCISD is to proceed with this project, The Board of Trustees must take the following action in accordance with Education Code 44.035.

Select or designate an engineer or architect to prepare construction documents for the project. The engineer or architect selected or designated will have full responsibility for complying with the Texas Engineering Practice Act (Article 3271a, Vernon's Texas Civil Statues) or Chapter 478, Acts of the 45th Legislature, Regular Session, 1937 (Article 249a, Vernon's Texas Civil Statutes), as applicable.

The selected architect/engineer along with preparing construction documents will be required to provide MCISD with an estimated project budget.

If the engineer or architect is not a full-time employee of the District, the Board must select the engineer or architect on the basis of demonstrated competence and qualifications as provided by Section 2254.004, Government Code.

At the Regular Board of Trustees meeting held on December 18, 2019 the Board approve the for Request for Qualification (RFQ's) for an engineer or architect for this project.

At the Special Board of Trustees meeting held on January 29, 2020, the Board approved the ranking and selection for professional services for the district-wide construction projects the selected firm awarded to negotiate was PBK Architects.

At the Regular Board of Trustees meeting held on February 12, 2020 the Board approved to grant authority to Superintendent Dr. Perez, to authorize the negotiations the contract for professional services for the district-wide construction projects. The selected firm awarded the project was PBK Architects.

Advertisements in the local newspapers were posted on December 19, 2020 and December 26, 2020. Proposals were publicly opened January 28, 2021. Pre-ranking of the proposals were conducted by Ms. Lorena Garcia, Mr. Ricardo Rivera, Ms. Dora Garcia, Mr. Carlos Lerma, Ms. Rumalda Ruiz and Ms. Daisy Cuevas.

Pre-ranking of proposals by Administration is a district process to pre-check if all requested documents and information in the Request for Proposals (RFP) was submitted. In prior years the Evaluation and Selection Committee conducted the

formal evaluation. The pre-ranking of proposals was then unofficial. The Request for Proposal (RFP) package includes document CSP – 00350 Evaluation and Selection Criteria for Competitive Sealed Proposals which defines this portion of the procurement process. The District Evaluation and Selection Committee is comprised of three (3) Board of Trustees Facilities Committee Members and one (1) appointed Administration Staff. The Evaluation and Selection Committee will evaluate, rank and publish all proposals. The Evaluation and Selection criteria has been approved by the Mission C. I. S. D.'s Board. Once the M. C. I. S. D. Board of Trustees approves the ranking, the District Evaluation and Selection Committee then authorized Administration to negotiate a contract with the highest-ranking Proposer.

However, since the district no longer has a Facilities/Environment Committee and we now use the Board of Trustees Work Shop format Administration presents the option of presenting Consideration and Approval to Accept Administrations Rankings and Enter into Negotiations in the Order of Ranking for the Special Education Titans 18+ Program Sidewalks and Canopy Project.

Two proposals were submitted for this project and were ranked by the Administration Committee. The Board must now consider the rankings and approve to enter into negotiations with the top ranked firms in the order selected. Rankings listed below:

Company	Base Proposal	Days	Total Points
G & G Contractors	$149,100.00	120	97.0
Peacock Contractors	$206,500.00	120	86.5
	Alternate Proposal		
G &G Contractors	$136,700.00	180	97.0
Peacock Contractors	$157,000.00	150	93.2

G & G Contractors **Grand Total: $285,800.00**
Peacock Contractors **Grand Total: $363,500.00**

Project Scope Base Proposal:
Canopy and sidewalk from MHS Building "R" to Cummings Street and sidewalks on east and west side of Titans Center to meet with Special Education Portable buildings behind and front entrance sidewalk to parking lot.

Alternate:
Construction of additional canopies to cover base sidewalks.

At the Regular Board Meeting February 10, 2021, the Board approved to negotiate with the top rank vendor, G&G Contractors.

Initial project negotiations were held on February 24, 2021, with Mr. Rene Garza Jr., G & G Construction, Mr. Carlos Lerma and myself. Mr. Garza reviewed his cost proposal for both the base bid and the alternate and he had a deadline of Monday, March 01, 2021 at 12:00 p.m. to submit his best and final offer (BAFO).

Administration submitted G & G Construction (BAFO) we believe it's in the districts best interest. Administration presented Consideration and Approval to Accept the Best and Final Offer (BAFO) and to Enter Into Contract for the Special Education Titans 18+ Program Sidewalks and Canopy Project.

The Board of Trustees had the option to accept this BAFO, the initial base proposal and alternate, to decline the offer and direct Administration to enter into negotiations with the next contractor or to reject all offers and re-advertise for the project using the same specifications and design or direct the engineer to re-design the project to meet the approved budget.

Company	Base Proposal	Days	Alternate Proposal
G & G Contractors	$149,100.00	120	$136,700.00

Original Price: $149,100.00 with Alt. $136,700.00 Grand Total: $285,800.00

At the Special Board Meeting held on March 03, 2021, the Board approved G & G Construction best and final offer of $149,100.00 with 120 days along with approving the alternate proposal. Notice to Proceed was effective April 22, 2021, with substantial completion will be October 19, 2021.

At the Regular Board Meeting held on September 8, 2021, the Board approved some of the following items listed below:

Change Proposal Request #01 for Temporary Covering of Footings for Aluminum Canopy for the Mission High School Special Education 18+ Program.

Contingency Allowance:	$25,000.00
CPR#01 Temp. covering:	$ 8,716.88
Contingency Balance:	$16,283.12

Change Proposal Request #02 to Replace the Aluminum Canopy with a Steel Canopy Structure for the Mission High School Special Education 18+ Program was not recommended by Administration and PBK Architects.

Change Proposal Request #03 to Replace Aluminum Canopies Vendor for the Mission High School Special Education 18+ Program.

Contingency Allowance:	$25,000.00
CPR#1 Temp. covering:	$ 8,716.88
CPR#03 replace vendor:	$29,700.00
Contingency Balance:	($13,416.88)
10% G.C. :	$ 1,341.69
	($14,758.57)

Change Order #1 for One Hundred Ninety (190) Delay Days for the Mission High School Special Education 18+ Program was pulled out item.

At the Regular Board of Trustees meeting held on January 19, 2022, the Board approved Substantial Completion for the Canopies and Sidewalks at the Mission High School Special Education 18+ Program – PBK Architects.

ADMINISTRATIVE CONSIDERATIONS

As per PBK Architects, they present Final Completion, Less Betterment Fund Allowance and Final Payment for the Mission High School Special Education 18+ Program. There was no credit back due since all of the contingency allowance was used on change orders and the project was completed on time with all punch list items completed.

Final construction cost was $300,558.57

FUNDING SOURCE

General Fund

RECOMMENDATION

Administration presents Final Completion, Less Betterment Fund Allowance and Final Payment for the Canopies and Sidewalks at the Mission High School Special Education 18+ Program – PBK Architects.

EXHIBIT

PBK Architects – Final Completion letter
AIA G701 – 2017 Change Order

CONTACT PERSONS

Ricardo Rivera, Assistant Superintendent for Operations
Adrian Hernandez, Coordinator for Project & Energy Management

6316 N 10th Street, Bldg A, Suite 1
McAllen, Texas 78504
Phone: 956-687-1330
PBK.com

January 21, 2022 **VIA: E-mail**

Mr. Ricardo Rivera
Assistant Superintendent for Operations
520 Holland Ave.
Mission TX 78572

Re: Mission HS Special Education- Canopies & Walkways
Final Completion

Mr. Rivera,

We have received the closeout documents in accordance with the contract documents. The punch list items have been completed. Attached is a copy of Allowance Expenditure Authorization No. 02 and Change Order No. 01R. Also included are the final Payment Applications. With this information, we recommend Final Completion of this project.

Please do not hesitate to call me should you have any questions.

Respectfully submitted,

David I. Iglesias
Client Executive, PBK

CC: File

APPLICATION FOR PAYMENT # 5-RETAINAGE

To: Mission Consolidated Independent School District (OWNER)
From: RG Enterprises, LLC dba G&G Contractors (CONTRACTOR)
Contract: Special Education-Canopies and Walkways
Project: Mission CISD Special Education Canopies & Walkways
OWNER's Contract No. 573-21-0 ENGINEER's Project No. 20110
For Work accomplished through the date of: January 21, 2022 Invoice No: 21-012-5

1.	Original Contract Price:		$ 285,800.00
2.	Net change by Change Orders and Written Agreements (+ or -):		$ 14,758.57
3.	Current Contract Price (1 plus 2):		$ 300,558.57
4.	Total completed to date:		$ 300,558.57
5.	Retainage (per Agreement):		
	0% of completed Work:	$ -	
	0% of stored material:	$ -	
	Total Retainage:		$ -
6.	% of Construction Completed:		
	100% of contracted $ amount has been completed		$ 300,558.57
7.	Total completed to date less retainage (4 minus 5):		$ 300,558.57
8.	Less previous Application for Payments:		$ 270,502.71
9.	Balance to Finish Including Retainage:		$ -
10.	AMOUNT DUE THIS APPLICATION (6 MINUS 7):		**$ 30,055.86**

Accompanying Documentation:

CONTRACTOR'S Certification:
The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR's legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through # 5-RETAINAGE inclusive; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

Dated January 21, 2022 RG Enterprises, LLC dba G&G Contractors
CONTRACTOR

By:

State of Texas
County of Hidalgo
Subscribed and sworn to before me this 21ST day of January, 2022

IRMA H. RODRIGUEZ
Notary Public, State of Texas
Comm. Expires 03-25-2022
Notary ID 12332674

Notary Public
My Commission expires: 25-Mar-22

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated January 21, 2022 PBK Architects, Inc.
~~ENGINEER~~ ARCHITECT

By:

APPLICATION FOR PMT # 4-REVISED

To: Mission Consolidated Independent School District (OWNER)
From: RG Enterprises, LLC dba G&G Contractors (CONTRACTOR)
Contract: Special Education-Canopies and Walkways
Project: Mission CISD Special Education Canopies & Walkways
OWNER's Contract No. 573-21-0 ENGINEER's Project No. 20110
For Work accomplished through the date of: December 21, 2021 Invoice No: 21-012-4

1.	Original Contract Price:		$ 285,800.00
2.	Net change by Change Orders and Written Agreements (+ or -):		$ 14,758.57
3.	Current Contract Price (1 plus 2):		$ 300,558.57
4.	Total completed to date:		$ 300,558.57
5.	Retainage (per Agreement):		
	10% of completed Work:	$ 30,055.86	
	0% of stored material:	$ -	
	Total Retainage:		$ 30,055.86
6.	% of Construction Completed:		
	90% of contracted $ amount has been completed		$ 300,558.57
7.	Total completed to date less retainage (4 minus 5):		$ 270,502.71
8.	Less previous Application for Payments:		$ 119,679.97
9.	Balance to Finish Including Retainage:		$ 30,055.86
10.	AMOUNT DUE THIS APPLICATION (6 MINUS 7):		**$ 150,822.74**

Accompanying Documentation:

CONTRACTOR'S Certification:
The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR's legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through PMT # 4-REVISED inclusive; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

Dated December 21, 2021

RG Enterprises, LLC dba G&G Contractors
CONTRACTOR

By: _____

State of Texas
County of Hidalgo
Subscribed and sworn to before me this 27Th day of January, 2022

_____
Notary Public
My Commission expires: _____

IRMA H. RODRIGUEZ
Notary Public, State of Texas
Comm. Expires 03-25-2022
Notary ID 12332674

Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated December 21, 2021

PBK Architects, Inc.
~~ENGINEER~~ ARCHITECT

By: _____

Quantity Worksheet 3.5

Contractor Name: RG ENTERPRISES, LLS dba G&G CONTRACTORS
Starting Date: 4/22/21
Project Ending Date: 11/18/21
Project : MISSION CISD SPECIAL EDUCATION CANOPIES & WALKWAYS

Application: Payment 4-REVISED
Application Date: December 21, 2021
P.O. No.:
Invoice No.: 21-012-3

Bid No:

Item Code	Description	Unit	Original Schedule Value			Application #1			Application #2			Application #3			APPLICATION #4			Amount Due This Pay Period	Balance To Finish Including Retainage Amount	
			Original Rates	Quan	Dollars	% Complete	Total to Date	10% Retainage	% Complete	Total to Date	10% Retainage	% Complete	Total to Date	10% Retainage	% Complete	Total to Date	10% Retainage			
1	BONDS & INSURANCE		$ 5,500.00	1.00	$ 5,500.00	100%	$ 5,500.00	$ 550.00	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 550.00
2	**DEMOLITION - FENCING**	M	$ 55.00	1.00	$ 55.00	100%	$ 55.00	$ 5.50	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 5.50
		L	$ 277.00	1.00	$ 277.00	100%	$ 277.00	$ 27.70	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 27.70
	CONC. SIDEWALKS & RAMPS	M	$ 710.00	1.00	$ 710.00	0%		$ -	100%	$ 710.00	$ 71.00	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 71.00
		L	$ 1,659.00	1.00	$ 1,659.00	100%	$ 1,659.00	$ 165.90	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 165.90
3	**CONCRETE WORK - FOOTINGS**	M	$ 2,500.00	1.00	$ 2,500.00	50%	$ 1,250.00	$ 125.00	0%	$ -	$ -	0%	$ -	$ -	50%	$ 1,250.00	$ 125.00	$ 1,125.00		$ 250.00
		L	$ 6,500.00	1.00	$ 6,500.00	50%	$ 3,250.00	$ 325.00	0%	$ -	$ -	0%	$ -	$ -	50%	$ 3,250.00	$ 325.00	$ 2,925.00		$ 650.00
	SIDEWALK/RAMP	M	$ 9,950.00	1.00	$ 9,950.00	25%	$ 2,487.50	$ 248.75	75%	$ 7,462.50	$ 746.25	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 995.00
		L	$ 11,170.00	1.00	$ 11,170.00	25%	$ 2,792.50	$ 279.25	75%	$ 8,377.50	$ 837.75	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 1,117.00
	DIRT WORK	M	$ 2,765.00	1.00	$ 2,765.00	25%	$ 691.25	$ 69.13	0%	$ -	$ -	50%	$ 1,382.50	$ 138.25	25%	$ 691.25	$ 69.13	$ 622.13		$ 276.50
		L	$ 6,083.00	1.00	$ 6,083.00	25%	$ 1,520.75	$ 152.08	0%	$ -	$ -	50%	$ 3,041.50	$ 304.15	25%	$ 1,520.75	$ 152.08	$ 1,368.68		$ 608.30
5	**METALS - CANOPY STRUCTURE**	M	$ 24,944.00	1.00	$ 24,944.00	100%	$ 24,944.00	$ 2,494.40	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 2,494.40
		L	$ 11,060.00	1.00	$ 11,060.00	100%	$ 11,060.00	$ 1,106.00	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 1,106.00
	BASE PLATES	M	$ 660.00	1.00	$ 660.00	100%	$ 660.00	$ 66.00	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 66.00
		L	$ 884.00	1.00	$ 884.00	100%	$ 884.00	$ 88.40	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 88.40
	METAL ROOF PANELS	M	$ 25,544.00	1.00	$ 25,544.00		$ -	$ -	100%	$ 25,544.00	$ 2,554.40	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 2,554.40
		L	$ 6,634.00	1.00	$ 6,634.00		$ -	$ -	100%	$ 6,634.00	$ 663.40	0%	$ -	$ -	0%	$ -	$ -	$ -		$ 663.40
	HURRICANE FENCING	M	$ 827.00	1.00	$ 827.00		$ -	$ -	50%	$ 413.50	$ 41.35	25%	$ 206.75	$ 20.68	25%	$ 206.75	$ 20.68	$ 186.08		$ 82.70
		L	$ 770.00	1.00	$ 770.00		$ -	$ -	50%	$ 385.00	$ 38.50	25%	$ 192.50	$ 19.25	25%	$ 192.50	$ 19.25	$ 173.25		$ 77.00
10	**SPECIALTIES - ALTERNATE# 1**															$ -		$ -		$ -
	ALUMINUM CANOPY															$ -		$ -		$ -
	STUCTURE & ROOF PANELS	M	$ 76,314.00	1.00	$ 76,314.00	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	100%	$ 76,314.00	$ 7,631.40	$ 68,682.60		$ 7,631.40
		L	$ 23,100.00	1.00	$ 23,100.00	0%	$ -	$ -	0%	$ -	$ -	0%	$ -	$ -	100%	$ 23,100.00	$ 2,310.00	$ 20,790.00		$ 2,310.00
	FOOTINGS	M	$ 11,060.00	1.00	$ 11,060.00	50%	$ 5,530.00	$ 553.00	0%	$ -	$ -	0%	$ -	$ -	50%	$ 5,530.00	$ 553.00	$ 4,977.00		$ 1,106.00
		L	$ 26,654.00	1.00	$ 26,654.00	50%	$ 13,327.00	$ 1,332.70	0%	$ -	$ -	0%	$ -	$ -	50%	$ 13,327.00	$ 1,332.70	$ 11,994.30		$ 2,665.40
19	**GEN. CONDITIONS**									$ -	$ -					$ -		$ -		$ -
	TEMP FACILITIES	M	$ 990.00	1.00	$ 990.00	15%	$ 148.50	$ 14.85	15%	$ 148.50	$ 14.85	30%	$ 297.00	$ 29.70	40%	$ 396.00	$ 39.60	$ 356.40		$ 99.00
		L	$ 750.00	1.00	$ 750.00	15%	$ 112.50	$ 11.25	15%	$ 112.50	$ 11.25	30%	$ 225.00	$ 22.50	40%	$ 300.00	$ 30.00	$ 270.00		$ 75.00
	FINAL CLEANING	M	$ 440.00	1.00	$ 440.00		$ -	$ -	0%	$ -	$ -	25%	$ 110.00	$ 11.00	75%	$ 330.00	$ 33.00	$ 297.00		$ 44.00
		L	$ 660.00	1.00	$ 660.00		$ -	$ -	0%	$ -	$ -	25%	$ 165.00	$ 16.50	75%	$ 495.00	$ 49.50	$ 445.50		$ 66.00
	CLOSEOUTS	M	$ 200.00	1.00	$ 200.00		$ -	$ -	0%	$ -	$ -		$ -	$ -	100%	$ 200.00	$ 20.00	$ 180.00		$ 20.00
		L	$ 110.00	1.00	$ 110.00		$ -	$ -	0%	$ -	$ -		$ -	$ -	100%	$ 110.00	$ 11.00	$ 99.00		$ 11.00
	DUMPSTER/TRASH/ GEN. CLEANING	M	$ 1,540.00	1.00	$ 1,540.00	10%	$ 154.00	$ 15.40	15%	$ 231.00	$ 23.10	45%	$ 693.00	$ 69.30	30%	$ 462.00	$ 46.20	$ 415.80		$ 154.00
		L	$ 490.00	1.00	$ 490.00	10%	$ 49.00	$ 4.90	15%	$ 73.50	$ 7.35	45%	$ 220.50	$ 22.05	30%	$ 147.00	$ 14.70	$ 132.30		$ 49.00
	ALLOWANCES:																			
	CONTINGENCY-FOOTINGS		$ 25,000.00	1.00	$ 25,000.00		$ -	$ -	-	$ -	$ -				100%	$ 25,000.00	$ 2,500.00	$ 22,500.00		$ 2,500.00
	CHANGE ORDERS																			
	ALUMINUM CANOPY		$ 14,758.57	1.00	$ 14,758.57										100%	$ 14,758.57	$ 1,475.86	$ 13,282.71		$ 1,475.86
			$ 300,558.57		**$ 300,558.57**	25%	$ 76,352.00	$ 7,635.20	17%	50,092.00	**$ 5,009.20**	2%	6,533.75	**$ 653.38**		**$ 167,580.82**	$ 16,758.08	$ 150,822.74	100%	$ 30,055.86

Date: _____

SUBJECT: Internal Audit Quarterly Report

PRESENTER: Rebecca Magee, CPA, Internal Auditor

BACKGROUND INFORMATION

Internal Auditing is an independent appraisal activity established within the District to examine and evaluate its activities. The objective of internal auditing is to assist the Board of Trustees, Superintendent, and management of the District in the effective discharge of their responsibilities by furnishing them with analysis, recommendations, and information concerning the activities reviewed. Types of internal audits that may be conducted include 1) financial, 2) compliance, 3) efficiency, economy, effectiveness, and 4) special reviews.

ADMINISTRATIVE CONSIDERATIONS

This report summarizes the internal audit activities for the period beginning October 1, 2021 and ending December 31, 2021. The Internal Audit department conducts independent and objective reviews of the District's operations and procedures and reports findings and recommendations to management, the Superintendent, and the Board of Trustees. Financial information on Activity Funds is included in the report and power point presentation.

FUNDING SOURCE:

Not Applicable

RECOMMENDATION:

Not Applicable. Informational report only.

CONTACT PERSON (S)

Carol G. Perez, Ed.D., Superintendent of Schools
Joel Garcia, CPM, Assistant Superintendent for Finance
Rebecca Magee, CPA, Internal Auditor

Rebecca Magee, CPA
Internal Auditor
Mission Consolidated Independent School District
1201 Bryce Drive - Mission, Texas 78572-4399
Office (956) 323-5511 - Fax (956) 323-8255
E-mail: bmagee@mcisd.org - www.mcisd.net

January 20, 2022

Mission CISD Board of Trustees
Carol G. Perez, Ed.D., Superintendent of Schools

Re: Internal Audit Quarterly Report

This report summarizes the internal audit activities from October 1, 2021 through December 31, 2021.

Internal Auditing is an independent appraisal activity established within the District to examine and evaluate its activities. The objective of internal auditing is to assist the Board of Trustees, Superintendent, and management of the District in the effective discharge of their responsibilities by furnishing them with analysis, recommendations, and information concerning the activities reviewed. Types of internal audits that may be conducted include 1) financial, 2) compliance, 3) efficiency, economy, effectiveness, and 4) special reviews.

ACTIVITY FUNDS

Activity funds, which include both campus and student activity funds, are considered an area of high risk because the majority of the revenues are received in the form of actual cash, the number of individuals (employees and students) handling collections and the perception of the community. During the period covered by this report, I reviewed fundraiser applications, fundraiser reports, the monthly income statement reports, and assisted in preparing some journal entries related to Activity Funds. Additionally, I provided training on activity procedures to a new activity clerk.

Although students returned to in-person instruction, there were still fewer fundraisers than normal due to the on-going pandemic. A total of 145 fundraiser applications were approved this quarter, for a grand total of 209 for the school year through 12/31/2021.

Activity Funds Income Statement

The Finance Department typically prepares a monthly income statement report for all campus and student activity funds. This report reflects columns for the beginning balance, receipts,

Our Vision: *Mission CISD will prepare and inspire all students to be equipped to excel in the college and career of their choice, dominate 21st century skills in leadership, knowledge, language, and technology to compete in a global economy and serve as successful citizens in their community.*

Declaración de la Visión: *Mission CISD preparará e inspirará a todos los estudiantes a estar preparados para sobresalir en la universidad y la carrera de su elección, dominar habilidades del siglo 21 en liderazgo, conocimiento, lenguaje y tecnología para competir en una economía global y servir como ciudadanos exitosos en su comunidad.*

encumbrances, expenditures and the ending balance. Each campus receives a report for the activity of their campus. Currently, the accounting system will not automatically generate the reports necessary to prepare the activity funds income statement report. I provided some assistance in generating and creating the reports that Finance Department needs for preparation of the monthly income statement. As of the date of this report, the income statement report for the six months ending December 31, 2021 had not been prepared due to delays in posting cash receipts. However, based on previous reports and the general ledger, the report would have reflected a beginning balance at July 1st of $922,667, year-to-date receipts of $607,712, outstanding encumbrances of $106,238, expenditures of $382,400 and an ending balance at December 31st of $1,041,741.

Activity funds should typically be spent in the year earned or collected. The bank account used for these funds is an interest-bearing account that is pooled with other funds. Excess funds may be invested in certificates of deposit, however, currently there are no investments due to low interest rates. Interest earned on campus and student activity fund balances will be distributed to the campuses based on their ending balances at the end of the fiscal year.

Attached is a summary report of the balances of campus and student activity funds by campus. My power point presentation that I prepared in conjunction with this report also includes a summary and year to year comparison of activity fund balances.

CITY OF MISSION ALL INCLUSIVE LIONS PARK

The City of Mission is renovating and expanding Lions Park to make it more inclusive for all children. The park will be renovated to include an all-abilities playground area and splash pad. The project also includes shaded picnic shelters, a pavilion, basketball courts and a paved walking trail. The City has received a grant from the Texas Parks and Wildlife to pay for the majority of the project and also received donations for various organizations, entities and individuals. Mission CISD was also asked to contribute to the project. Since the district is unable to donate district funds, district staff and students have begun to fundraise for the project. As of 12/31/2021, a total of $9,618 has been raised. Fundraising efforts will continue into the next quarter.

ANNUAL FINANCIAL STATEMENT AUDIT

During the quarter, the District's external auditors, Carr, Riggs & Ingram, LLC, completed the annual financial statement audit of the District. The four federal programs selected as major programs for Single Audit purposes were the following: *Child Nutrition Program Cluster*, *Special Education Cluster* (IDEA B and IDEA B Preschool), *Education Stabilization Fund* (ESSER – Elementary and Secondary School Emergency Relief Fund and Operation Connectivity Prior Purchase Reimbursement Program), and *Coronavirus Relief Fund* (TDEM and Operation Connectivity Bulk Purchase Program).

The District received an unmodified opinion with no material weaknesses or significant deficiencies indicated. There were no findings reported, however, the external auditors issued a

management letter with a few comments regarding capital assets/depreciation and state compliance for mandated programs.

The majority of my time spent during the months covered by this report was related to the annual financial statement audit. I continued in facilitating the audit process by obtaining information requested by the auditors for the various samples selected and researching variances as part of the auditors' analytical review of account balances. I also reviewed various schedules prepared for the audit including: capital assets/depreciation, compensated absences, and the salaries reconciliation. In addition, I prepared the operating transfer entries and cash flow statements for the printshop and health insurance funds. I also updated the operating lease schedule and prepared the statement of changes in fiduciary net position for the fiduciary funds that include our Scholarship Funds and Student Activity Fund. The Student Activity Fund was reported as a custodial fund this year requiring the presentation of additions and deductions.

Additionally, I completed the required conversion entries reconciling the fund financial statements (modified accrual basis of accounting) to the government-wide financial statements (accrual basis of accounting) and finished updating the related notes to the financial statements. Using AuditWare, which is a financial reporting and auditing software program, I prepared the financial statements for review by the external auditor, which included nine additional combining statements. I also reviewed the Management's Discussion and Analysis (MD&A) and Transmittal Letter which are part of the annual comprehensive financial report. In addition, I finished completing several of the statistical tables. A total of 26 statistical tables were included in the report for the first time.

After the audit was approved by the Board, I generated the Data Feed file for submission to TEA. The Finance Department also submitted the Data Collection Form, which contains information on federal program expenditures, to the Federal Audit Clearinghouse. I reviewed the form before submission.

Additionally, I submitted the annual comprehensive financial report to the Government Finance Officers Association (GFOA) for consideration of the *Certificate of Achievement for Excellence in Financial Reporting.* Prior to the board's approval of the audit, I completed the comprehensive general-purpose checklist (49 pages) to ensure that the annual comprehensive financial report was complete and would comply with GASB and the requirements of the GFOA awards program.

GASB STATEMENT NO. 84 – *FIDUCIARY ACTIVITIES*

This governmental accounting standard that was implemented last fiscal year establishes criteria for identifying fiduciary activities of all state and local governments, including school districts. Fiduciary activities of the district include Student Activity Fund accounts and Scholarship Fund accounts. Accounts meeting the criteria can continue to be reported as fiduciary funds. Accounts not meeting the criteria may need to be reported as special revenue funds. I assisted in the evaluation of Student Activity Fund accounts by visiting each of the secondary campuses to review club charters and verify that each club had student officers.

ATHLETICS

The Athletics Department is responsible for collecting and depositing cash from the sale of tickets to various sporting events. The majority of athletic revenues are from the sale of football game tickets. Beginning this school year, varsity football tickets were sold on-line. During the quarter, I began reviewing cash receipts, on-line ticket sales reports, and ticket sale procedures as part of my internal of football ticket sales, which will be completed in the next quarter.

AFTER-SCHOOL CHILDCARE PROGRAM

Bryan, Mims, Cavazos, Marcell, and Midkiff Elementary schools operate after-school child care programs at their respective campuses. During the month of December, I began reviewing cash receipts and credit card payments received as part of my internal audits that will be completed in the next quarter.

MISCELLANEOUS

In November, I attended virtual meetings of the Coordinated School Health Committee (CSH) and School Health Advisory Council (SHAC) quarterly meetings. I also attended the webinar *COVID-19 Funding Best Practices, Accounting Treatment, and Single Audit Implications,* which was presented by Carr, Riggs, & Ingram, LLC.

If you have any questions or need additional information regarding this report, please don't hesitate to call me at (956) 323-5511.

Respectfully submitted,

Rebecca Magee, CPA
Internal Auditor

SUMMARY REPORT OF
CAMPUS & STUDENT ACTIVITY FUNDS

	Beginning Balance 7/1/2021	+ Receipts	- Encumbrances	- Expenditures	=	Ending Balance 12/31/2021
Mission High School	$ 194,240.02	$176,963.35	$ 24,985.68	$ 94,303.96		$ 251,913.73
Veterans Memorial High School	208,079.48	132,071.82	16,837.02	86,806.51		236,507.77
Mission Collegiate High School	33,005.98	7,270.83	-	1,537.94		38,738.87
Options Academy	473.75	0.98	-	-		474.73
Roosevelt Alternative	3,268.25	1,319.21	1,080.00	866.64		2,640.82
Mission Jr. High School	27,488.02	30,582.11	7,702.92	17,168.81		33,198.40
K. White Jr. High School	53,385.82	31,481.74	12,691.40	27,484.57		44,691.59
Alton Memorial Jr. High School	42,554.56	17,009.74	358.40	9,330.03		49,875.87
R. Cantu Jr. High School	46,386.20	27,956.47	2,972.94	17,579.12		53,790.61
Alton Elementary	11,749.90	4,186.46	50.00	3,098.87		12,787.49
Bryan Elementary	12,349.65	21,504.93	9,718.39	9,803.18		14,333.01
Cantu Elementary	18,227.68	5,868.32	-	4,841.42		19,254.58
Castro Elementary	11,244.43	5,376.38	656.40	2,629.37		13,335.04
Cavazos Elementary	18,765.35	16,304.03	2,958.96	19,051.13		13,059.29
Escobar Rios Elementary	12,963.78	7,129.66	1,159.99	4,957.29		13,976.16
Leal Elementary	26,024.44	26,465.19	99.90	10,277.42		42,112.31
Marcell Elementary	41,370.73	4,246.73	2,334.67	1,911.51		41,371.28
Midkiff Elementary	28,548.85	21,235.57	13,879.50	12,097.05		23,807.87
Mims Elementary	41,762.84	18,521.61	2,500.00	7,134.68		50,649.77
O'Grady Elementary	15,143.24	5,260.17	3,149.66	5,492.42		11,761.33
Pearson Elementary	9,616.03	4,946.55	1,948.04	2,261.01		10,353.53
Salinas Elementary	35,075.09	13,239.31	-	18,533.82		29,780.58
Waitz Elementary	4,547.38	7,404.55	1,022.51	5,005.25		5,924.17
Departments	26,395.27	21,183.65	131.41	20,228.76		27,218.75
Interest	-	183.57	-	-		183.57
Totals	**$ 922,666.74**	**$ 607,712.93**	**$ 106,237.79**	**$ 382,400.76**		**$ 1,041,741.12**
High Schools	$ 435,325.48	$ 316,306.00	$ 41,822.70	$ 182,648.41		$ 527,160.37
Jr High Schools	169,814.60	107,030.06	23,725.66	71,562.53		181,556.47
Alternative/Options Academy	3,742.00	1,320.19	1,080.00	866.64		3,115.55
Elementary Schools	287,389.39	161,689.46	39,478.02	107,094.42		302,506.41
Departments	26,395.27	21,183.65	131.41	20,228.76		27,218.75
Interest	-	183.57	-	-		183.57
Totals	**$ 922,666.74**	**$ 607,712.93**	**$ 106,237.79**	**$ 382,400.76**		**$ 1,041,741.12**





Internal Audit Quarterly Report

Campus and Student Activity Funds
7/1/2021 - 12/31/2021

Rebecca Magee, CPA
Internal Auditor



Elementary Balances

Campus Name	Receipts	Disbursements & Encumbrances	Balance as of 12/31/2021
Alton	$ 4,186	$ 3,149	$ 12,787
Bryan	21,505	19,522	14,333
Cantu	5,868	4,841	19,255
Castro	5,376	3,286	13,335
Cavazos	16,304	22,010	13,059
Escobar Rios	7,130	6,117	13,976
Leal	26,465	10,377	42,112
Marcell	4,247	4,246	41,371

Elementary Balances

Campus Name	Receipts	Disbursements & Encumbrances	Balance as of 12/31/2021
Midkiff	$ 21,236	$ 25,976	$ 23,808
Mims	18,522	9,635	50,650
O'Grady	5,260	8,642	11,761
Pearson	4,947	4,209	10,354
Salinas	13,239	18,534	29,781
Waitz	7,404	6,028	5,924
Totals	$ 161,689	$ 146,572	$ 302,506

SECONDARY



High School Balances

Campus Name	Receipts	Disbursements & Encumbrances	Balance as of 12/31/2021
Mission HS	$ 176,963	$ 119,290	$ 251,913
Veterans Memorial HS	132,072	103,643	236,508
Mission Collegiate HS	7,271	1,538	38,739
Totals	$ 316,306	$ 224,471	$ 527,160

Jr. High School Balances

Campus Name	Receipts	Disbursements & Encumbrances	Balance as of 12/31/2021
Mission Jr. High	$ 30,582	$ 24,872	$ 33,198
K. White Jr. High	31,481	40,176	44,691
Alton Memorial Jr. High	17,010	9,688	49,876
R. Cantu Jr. High	27,957	20,552	53,791
Totals	$ 107,030	$ 95,288	$ 181,556

Secondary Campus Summary

	Receipts	Disbursements & Encumbrances	Balance as of 12/31/2021
High Schools	$ 316,306	$ 224,471	$ 527,160
Jr. High Schools	107,030	95,288	181,556
Alternative and Options Academy	1,320	1,947	3,116
Totals	$ 424,656	$ 321,706	$ 711,832

COMPARISONS & SUMMARY

Year to Year Comparison of Activity Funds

	FY 2022	FY 2021	FY 2020
Beginning Balance July 1st	$ 922,667	$ 1,104,529	$ 909,134
Plus: Receipts	607,712	66,222	1,003,370
Less: Disbursements	(382,400)	(148,768)	(747,725)
Less: Encumbrances	(106,238)	(7,832)	(186,427)
Ending Balance December 31st	$ 1,041,741	$ 1,014,151	$ 978,352

Summary of Activity Fund Ending Balances as of 12/31/2021

Secondary Campuses	Elementary Campuses	Departments/ Interest	Total
$ 711,832	$ 302,506	$ 27,403	$ 1,041,741
68%	29%	3%	100%


Mission CISD
CHANGING THE World
Mission
Consolidated Independent School District

Questions?

SUBJECT: Approval of Budget Amendment for the Month of January 2022

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

In accordance with TEA budget and accounting procedures guidelines, the District's official budget includes the General Fund and Debt Service. The adoption of the budgets associated with these funds, and subsequent amendments, should be approved by the Board of Trustees. The authority to approve a budget or a budget amendment for a grant program, however, lies with the granting agency and not with the District's Board.

The budget amendments are broken down into the following two categories:

1. Programmatic or policy changes – amendments that are necessary because of policy changes or program revisions that increase/decrease the budget.
2. Adjustment of original estimates – amendments that are necessary because the original amounts required adjustments but do not increase/decrease the budget.

ADMINISTRATIVE CONSIDERATIONS

All requests for budget amendments have been reviewed and are justified for the programmatic or policy changes and adjustments of original estimates.

FUNDING SOURCE AND AMOUNT

The amendment also includes a reallocation of function 11 to various functions to support Campus and Department Operations.

RECOMMENDATION:

Approval of budget amendment as presented.

CONTACT PERSONS

Joel Garcia, Assistant Superintendent for Finance

SUBJECT: Award of E-Rate 25 Internet Access and Internal Connections Purchase RFP 345-22-0 and RFP 345-22-5

PRESENTER: Joel Garcia, Assistant Superintendent for Finance and Operations

BACKGROUND INFORMATION

This proposal is to continue services to the District Technology Infrastructure supported by the Schools and Libraries Division E-Rate. The intent of this proposal is to provide the following: Internet Access that provides access district-wide, the District Firewall and Internal Connections for Castro Elementary, Pearson Elementary, Marcell Elementary, and Kenneth White Jr. High School. For the year 2021-2022 Mission CISD is eligible for a discount of 85% Priority 2 and 90% for Priority 1.

Once contracts are awarded, Mission CISD will need to complete the necessary applications and submit them to the Schools and Libraries Division Universal Service Program (E-Rate). In order for Mission CISD to receive this support, it must, a) self-certify that it has a plan for securing access to all necessary resources, and b) comply with all state and local laws and policies governing the procurement, and show proof of compliance.

ADMINISTRATIVE CONSIDERATIONS

The District solicited Requests for Proposals in compliance with TEC Sec 44.031(a) requiring an approved method of procurement for expenditures of similar categories valued at an annual aggregate of $50,000 or greater.

The Technology Subcommittee reviewed the proposals received and a summary of the response review and evaluation process is as follows:

Number of vendors submitting a proposal: 4
Number of campuses/sites included in the proposal: 4
Number of low bid proposals not recommended: 0

FUNDING SOURCE

Currently, this proposal does not need a funding source. The proposed costs are being used to submit the E-Rate 25 FY2022 applications. Funding allocations will be considered during the budget review for the 2021-2022 school year for **$431,905** from Local Maintenance funds.

RECOMMENDATION

Administration recommends awarding contract to the vendors listed below pending E-Rate funding:

Smartcom **$40,740**
1. Internet Access

Netsync Network Solutions **$1,188,076**
1. Internal Connections

CONTACT PERSONS:

Joel Garcia, Assistant Superintendent for Finance and Operations
Noe Peña, Director for Technology Systems
Jose Alberto Gonzalez, Network Coordinator
Dora Garcia, Purchasing Coordinator

FY2022 Term Contract:	E-Rate 25 Internal Access #345-22-0
Awarded To:	1. Smartcom
Term:	One Year
Term Period :	July 2022 – June 2023

Bid Evaluation Matrix for Internet Access

	Criteria	Weight
a	**Price of E-Rate eligible service/product**	35
b	**Reputation of vendor**	15
c	**Quality of vendor's services/products**	15
d	**Meet district's needs**	10
e	**Past relationship with vendor**	10
f	**Ability to comply with federal program rules**	5
g	**Long-term cost to district**	10
	Total	100

	Internet Access	
	Foremost	**Smartcom**
a	30	35
b	15	15
c	15	15
d	10	10
e	10	10
f	5	5
g	10	10
	95	**100**

Bid Evaluation Matrix for Internal Connections

Criteria	Weight
Price of E-Rate eligible service/product	35
Reputation of vendor	5
Quality of vendor's services/products	10
Meet district's needs	
Integration with District's current infrastructure	15
Meets District's Technology staff current certifications	15
Past relationship with vendor	5
Ability to comply with federal program rules	5
Long-term cost to district	10
Total	100

	Internal Connections	
	Netsync	**Insight**
a	35	22
b	5	5
c	10	10
d		
1	15	10
2	15	0
e	5	5
f	5	5
g	10	5
	100	**62**

FY2022 Term Contract:	Internal Connections #345-22-5
Awarded To:	1. Netsync Network Solutions
Term:	One Year
Term Period :	July 2022 – June 2023

Form 470-FY22-R25				
	Internet Access		**Foremost**	**Smartcom**
3.1	Internet Access			
	Internet Service Provider 2GB (Mission CISD)		$ -	$ -
	Internet Service Provider 3GB (Mission CISD)		$ -	$ -
	Internet Service Provider 5GB (Mission CISD)		$ 35,940.00	$ 32,340.00
	Internet Service Provider 10GB (Mission CISD)		$ 47,940.00	**$ 40,740.00**
3.1.1	Fiber Optics Transport		Included with Internet Access	Access
	TOTAL INTERNET ACCESS			**$ 40,740.00**

3.3	**Internal Connections**	**Netsync**	**Insight**	
3.3.1	Networking Cabling	**$ 46,025.73**	$ 35,691.24	
3.3.2	Network Hardware	**$ 340,781.28**	$ 620,478.71	
3.3.3	Uninterruptible Power Supply	**$ 117,689.18**	$ 160,382.30	
3.3.4	Wireless Hardware	**$ 196,279.70**	$ 269,697.08	
3.3.5	**Firewall Option 2 Recommended for SSL decryption**	**$ 487,299.64**	$ 846,299.90	
	firewall Option 1	$ 277,498.64		

	TOTAL INTERNAL CONNECTIONS	**$ 1,188,075.53**	**$ 1,932,549.23**	

TOTALS	**Totals Recommended Vendor by Services**	**Total Cost**	
	Internet Access Total	**$ 40,740.00**	**Yearly**
	Internal Connections Total	**$ 1,188,075.53**	**One time cost**
	TOTAL	**$ 1,228,815.53**	

Legend	
Recommended Vendors	2
Incomplete Proposals	0
Grand Total	**$ 1,228,815.53**
E-Rate Eligible Projects	**$ 981,338.54**
SLD Estimated Discount	**$ 836,174.76**
MCISD Estimated Cost	**$ 145,163.78**
Internal Connections Ineligibles	**$ 247,476.99**
Total Cost to MCISD	**$ 392,640.77**

10% For additional unexpected costs **$ 39,264.08**

(Ineligibles determined by USAC)

$ 431,904.85

SUBJECT: Award Purchase On-Call and Cable Drops #344-22-0

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

The intent of this contract is to provide a method to procure On-Call and Cable Drops to meet the needs of the District.

ADMINISTRATIVE CONSIDERATIONS

The District solicited Requests for Proposals in compliance with TEC Sec 44.031(a) requiring an approved method of procurement for expenditures of similar categories valued at an annual aggregate of $50,000 or greater.

A summary of the response review and evaluation process is as follows:

1. Number of responses received - 3
2. Number of vendors awarded 1

FUNDING SOURCE AND AMOUNT

Respective departmental budget

Estimated expenditure **$50,000**

RECOMMENDATION

Administration will bring a recommendation to award the Purchase to the vendor listed on the tabulation form at the February 9th Board Meeting.

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Noe Pena, Director for Technology Systems
Dora Garcia, Coordinator for Purchasing

FY2022 Term Contract:	On-Call and Cable Drops #344-22-0
Awarded To:	1. JSJ Rodriguez Inc dba Telepro Communications
Term:	One Year/Two year option to renew
Term Period :	February 2022 – July 2023

Mission Consolidated Independent School District
Tabulation Form
On-Call and Cable Drops 344-22-0

			JetWeb dba Barcom Technology Solutions			**BridgeNet Communications**			**JSJ Rodriguez Inc. dba Telepro Communications**		
			Vendor #			Vendor #10577			Vendor #11791		
			Arturo J Garcia			Marco Ramirez			Daniel Backhaus		
			956-313-8597			956-461-3335			956-618-2360 ext209		
			agarcia@barcoment.com			roxann@bncrgv.com			daniel@teleprocommunications.com		
		Total Cost	$3,517.90			$1,609.69			$1,583.00		
		Selected #	0			0			16		
		Selected ($)	$0			$0			$1,583.00		
#	Items	Quantity Required	Unit Price per Each	Notes	Total Cost	Unit Price per Each	Notes	Total Cost	Unit Price per Each	Notes	Total Cost
1											
#1-1	Category 6E 100ft	1	$465.90	Labor & Materials Included	$465.90	$161.32	Does not include: raceway	$161.32	$148	Includes cable, jacks, surface-mount box, J-hooks, terminations, and labor	$148
#1-2	Category 6E 200ft	1	$565.37	Labor & Materials Included	$565.37	$161.32	Does not include: raceway	$161.32	$172	Includes cable, jacks, surface-mount box, J-hooks, terminations, and labor	$172
#1-3	Category 6E 300ft	1	$664.26	Labor & Materials Included	$664.26	$161.32	Does not include: raceway	$161.32	$204	Includes cable, jacks, surface-mount box, J-hooks, terminations, and labor	$204
#1-4	Category 6A 100ft	1	$465.90	Labor & Materials Included	$465.90	$205.34	Does not include: raceway	$205.34	$171	Includes cable, jacks, surface-mount box, J-hooks, terminations, and labor	$171
#1-5	Category 6A 200ft	1	$545.90	Labor & Materials Included	$545.90	$205.34	Does not include: raceway	$205.34	$217	Includes cable, jacks, surface-mount box, J-hooks, terminations, and labor	$217
#1-6	Category 6A 300ft	1	$664.85	Labor & Materials Included	$664.85	$205.34	Does not include: raceway	$205.34	$284	Includes cable, jacks, surface-mount box, J-hooks, terminations, and labor	$284
2											
#2-1	Category 6E 24 port	1	$57.50	Labor & Material	$57.50	$70.11	Includes: Labor and Material	$70.11	$61	Empty, Modular	$61
#2-2	Category 6A 24 port	1	$57.50	Labor & Material	$57.50	$70.11	Includes: Labor and Material	$70.11	$61	Empty, Modular	$61
3											
#3-1	Category 6E 7ft	1	$5.75	Labor & Material	$5.75	$11.01	Includes: Labor and Material	$11.01	$11	N/A	$11
#3-2	Category 6E 15ft	1	$9.61	Labor & Material	$9.61	$15.50	Includes: Labor and Material	$15.50	$15	N/A	$15
#3-3	Category 6A 7ft	1	$5.75	Labor & Material	$5.75	$15.20	Includes: Labor and Material	$15.20	$15	N/A	$15
#3-4	Category 6A 15ft	1	$9.61	Labor & Material	$9.61	$19.90	Includes: Labor and Material	$19.90	$19	N/A	$19
	On-Call Service Rates										
#4-1	Normal Hours	1				$51.75	8:00am-5:00pm minimum 2 hours	$51.75	$55	per hour per technician	$55
#4-2	After Hours	1				$77.63	5:01pm-7:59am minimum 2 hours	$77.63	$75	per hour per technician	$75
#4-3	Holiday Hours	1				$103.50	minimum 2 hours	$103.50	$75	per hour per technician	$75
#4-4	Service Charge: Travel	1				$75.00	any job under 4 hours	$75.00			

SUBJECT: Award Purchase of Surveillance Cameras #TIPS 200105

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

The intent of this contract is to provide a method to procure replacement of 400+ Surveillance cameras, installation and the additional licenses needed to meet the needs of the District.

ADMINISTRATIVE CONSIDERATIONS

This purchase will be made using Inter-local Purchasing Co-op. Using an Inter-local Purchasing Co-op complies with purchase requirements of TEC 44.031a(4) and local board policy requiring an approved purchasing method for contracts valued at $50,000 or more.

A summary of the response review and evaluation process is as follows:

1. Number of responses received - 3
2. Number of vendors awarded - 1

FUNDING SOURCE AND AMOUNT

Federal Funds

Estimated expenditure **$380,235**

RECOMMENDATION

Administration will bring a recommendation to award the purchase to the vendor listed on the tabulation form at the February 9th Board Meeting.

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Noe A Pena, Director for Technology Systems
Dora Garcia, Coordinator for Purchasing

FY2022 Term Contract:	Surveillance Cameras #TIPS 200105
Awarded To:	1. TelePro Communications
Term:	One Time Purchase
Term Period :	February 2022 – Completion

Mission Consolidated Independent School District
Tabulation Form
Surveillance Cameras

VENDOR NAME:		CDW Government			Insight Public Sector			TelePro Communications		
		Contact Name:		Mike Smith	Contact Name:		James Pearcy	Contact Name:		Edgar Rodriguez
		Phone #		866-691-7123	Phone #		956-793-5777	Phone #		956-618-2360
		Email		miksmit@cdwg.com	Email		james.pearcy@insight.com	Email		
Qty	**Detailed Desc**	**Note**	**Quoted Price**	**Sub-total**	**Note**	**Quoted Price**	**Sub-total**	**Note**	**Quoted Price**	**Sub-total**
294	Arecont MicroDome G2 AV5555DN-S-NL - Network surveillance camera	TIPS #200105	$ 362.38	$ 106,539.72	Omnia #4400006644	$ 349.32	$ 102,700.08	TIPS #200105	$ 344.40	$ 101,253.60
118	Arecont SurroundVideo G5 AV20585PM-Panoramic Camera-dome		$ 1,294.79	$ 152,785.22		$ 1,501.65	$ 177,194.70		$ 1,480.50	$ 174,699.00
19	Arecont SurroundVIdeo Omni SX, 12 Megapixel, SNA		$ 1,264.80	$ 24,031.20		$ 1,445.50	$ 27,464.50		$ 1,445.50	$ 27,464.50
1	AXIS Q1785-LE-network surveillance camera			$ -		$ 1,139.05	$ 1,139.05		$ 928.91	$ 928.91
130	Wall mount for D4S and MicroDome Outdoor			$ -		$ 50.41	$ 6,553.30		$ 49.69	$ 6,459.70
1	Wall Mt.Junction Box (no Cap). White		$ 56.10	$ 56.10		$ 63.90	$ 63.90		$ 63.00	$ 63.00
60	Arecont AV-WMJB-Camera dome mount-with junction box-wall mountable-ivory		$ 56.10	$ 3,366.00		$ 63.90	$ 3,834.00		$ 63.00	$ 3,780.00
60	Arecont SV-CAP-camera cap		$ 45.59	$ 2,735.40		$ 52.54	$ 3,152.40		$ 32.90	$ 1,974.00
1	Mount Cap - SurroundVideo OmniSX 1.5 NPT		$ 28.79	$ 28.79		$ 33.37	$ 33.37		$ 32.90	$ 32.90
1	Mounting and focus of cameras			$ -		$ 89,650.00	$ 89,650.00			$ -
4	Milestone Systems: Xprotect corporate device license-25			$ -		$ 236.88	$ 947.52			$ -
100	Xprotect Corporate Device Channel License		$ 187.22	$ 18,722.00					$ 281.82	$ 28,182.00
100	1 year Sup for Xprotect corpoarate device channel licence			$ -					$ 51.35	$ 5,135.00
269	Labor (2) Techs			$ -					$ 112.50	$ 30,262.50
7	SurroundVideo Omni SX, 12 Megapixel SNA		$ 1,264.80	$ 8,853.60						
1	Fees		$ 109,230.00	$ 109,230.00						
Total				$ 426,348.03			$ 412,732.82			$ 380,235.11

Note:	

SUBJECT: Review and Adoption of the Investment Policy and Investment Strategies CDA(LOCAL)

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

As a part of our TASB Policy Service, the District gets localized policy updates throughout the year that are generally based upon changes in law, case rulings, or TEA rulings. The Review of Investment Policy and Investment Strategies CDA(LOCAL). The (LOCAL) policies included for consideration here, have been reviewed by administration and the district's legal counsel.

ADMINISTRATIVE CONSIDERATIONS

Items included for presentation reflect appropriate changes to drafts sent by the District Investment Committee. Administrative practice has been to provide the policy review as a part of the Board Workshop with a request that the agenda item be approved for inclusion on the consent agenda for the regular board meeting.

FUNDING SOURCE AND AMOUNT

N/A

RECOMMENDATION

Administration will be taking to recommend Review and Adoption of the Investment Policy and Investment Strategies CDA(LOCAL) on February 9th Board Meeting.

CONTACT PERSON (S)

Lorena Garcia, Deputy Superintendent for Support Services

Investment Authority

The Superintendent or other person designated by Board resolution shall serve as the investment officer of the District and shall invest District funds as directed by the Board and in accordance with the District's written investment policy and generally accepted accounting procedures. All investment transactions except investment pool funds and mutual funds shall be settled on a delivery versus payment basis.

Approved Investment Instruments

From those investments authorized by law and described further in CDA(LEGAL) under Authorized Investments, the Board shall permit investment of District funds, including bond proceeds and pledged revenue to the extent allowed by law, in only the following investment types, consistent with the strategies and maturities defined in this policy:

1. Obligations of, or guaranteed by, governmental entities as permitted by Government Code 2256.009.
2. Certificates of deposit and share certificates as permitted by Government Code 2256.010.
3. Fully collateralized repurchase agreements permitted by Government Code 2256.011.
4. A securities lending program as permitted by Government Code 2256.0115.
5. Banker's acceptances as permitted by Government Code 2256.012.
6. Commercial paper as permitted by Government Code 2256.013.
7. No-load mutual funds, except for bond proceeds, and no-load money market mutual funds, as permitted by Government Code 2256.014.
8. A guaranteed investment contract as an investment vehicle for bond proceeds, provided it meets the criteria and eligibility requirements established by Government Code 2256.015.
9. Public funds investment pools as permitted by Government Code 2256.016.

Safety

The primary goal of the investment program is to ensure safety of principal, to maintain liquidity, and to maximize financial returns within current market conditions in accordance with this policy. Investments shall be made in a manner that ensures the preservation of capital in the overall portfolio, and offsets during a 12-month period any market price losses resulting from interest-rate fluctua-

tions by income received from the balance of the portfolio. No individual investment transaction shall be undertaken that jeopardizes the total capital position of the overall portfolio.

Investment Management

In accordance with Government Code 2256.005(b)(3), the quality and capability of investment management for District funds shall be in accordance with the standard of care, investment training, and other requirements set forth in Government Code Chapter 2256.

Liquidity and Maturity

Any internally created pool fund group of the District shall have a maximum dollar weighted maturity of ~~180 days~~one year. The maximum allowable stated maturity of any other individual investment owned by the District shall not exceed three years from the time of purchase. ~~The Board may specifically authorize a longer maturity for a given investment, within legal limits.~~

The District's investment portfolio shall have sufficient liquidity to meet anticipated cash flow requirements.

Diversity

The investment portfolio shall be diversified in terms of investment instruments, maturity scheduling, and financial institutions to reduce risk of loss resulting from overconcentration of assets in a specific class of investments, specific maturity, or specific issuer.

Monitoring Market Prices

The investment officer shall monitor the investment portfolio and shall keep the Board informed of significant changes in the market value of the District's investment portfolio. Information sources may include financial/investment publications and electronic media, available software for tracking investments, depository banks, commercial or investment banks, financial advisers, and representatives/advisers of investment pools or money market funds. Monitoring shall be done at least quarterly, as required by law, and more often as economic conditions warrant by using appropriate reports, indices, or benchmarks for the type of investment.

Monitoring Rating Changes

In accordance with Government Code 2256.005(b), the investment officer shall develop a procedure to monitor changes in investment ratings and to liquidate investments that do not maintain satisfactory ratings.

Funds/Strategies

Investments of the following fund categories shall be consistent with this policy and in accordance with the applicable strategy defined below. All funds may be combined for investment purposes and the weighted average maturity of the total portfolio will not exceed one year. All strategies described below for the investment of a particular fund should be based on an understanding of the suitability of an investment to the financial requirements of the District

	and consider preservation and safety of principal, liquidity, marketability of an investment if the need arises to liquidate before maturity, diversification of the investment portfolio, and yield.
Operating Funds	Investment strategies for operating funds (including any commingled pools containing operating funds) shall have as their primary objectives preservation and safety of principal, investment liquidity, and maturity sufficient to meet anticipated cash flow requirements.
Custodial Funds	Investment strategies for custodial funds shall have as their primary objectives preservation and safety of principal, investment liquidity, and maturity sufficient to meet anticipated cash flow requirements.
Debt Service Funds	Investment strategies for debt service funds shall have as their primary objective sufficient investment liquidity to timely meet debt service payment obligations in accordance with provisions in the bond documents. Maturities longer than one year are authorized provided legal limits are not exceeded.
Capital Project Funds	Investment strategies for capital project funds shall have as their primary objective sufficient investment liquidity to timely meet capital project obligations. ~~Maturities longer than one year are authorized provided legal limits are not exceeded.~~
Safekeeping and Custody	The District shall retain clearly marked receipts providing proof of the District's ownership. The District may delegate, however, to an investment pool the authority to hold legal title as custodian of investments purchased with District funds by the investment pool.
Sellers of Investments	Prior to handling investments on behalf of the District, a pool ~~broker/dealer or a qualified representative of a business organization~~ must submit required written documents in accordance with law. [See Sellers of Investments, CDA(LEGAL)] Representatives of brokers/dealers shall be registered with the Texas State Securities Board and must have membership in the Securities Investor Protection Corporation (SIPC) and be in good standing with the Financial Industry Regulatory Authority (FINRA). All broker/dealers will receive a copy of the investment policy.
Soliciting Bids for CDs	In order to get the best return on its investments, the District may solicit bids for certificates of deposit and other securities in writing, by telephone, or electronically, or by a combination of these methods.
Interest Rate Risk	To reduce exposure to changes in interest rates that could adversely affect the value of investments, the District shall use final and weighted-average-maturity limits and diversification.

The District shall monitor interest rate risk using weighted average maturity and specific identification.

Internal Controls

A system of internal controls shall be established and documented in writing and must include specific procedures designating who has authority to withdraw funds. Also, they shall be designed to protect against losses of public funds arising from fraud, employee error, misrepresentation by third parties, unanticipated changes in financial markets, or imprudent actions by employees and officers of the District. Controls deemed most important shall include:

1. Separation of transaction authority from accounting and recordkeeping and electronic transfer of funds.
2. Avoidance of collusion.
3. Custodial safekeeping.
4. Clear delegation of authority.
5. Written confirmation of ~~telephone~~ all transactions.
6. Documentation ~~of dealer questionnaires, quotations and bids, evaluations,~~ all transactions~~, and rationale~~.
7. Avoidance of bearer-form securities.

These controls shall be reviewed by the District's independent auditing firm.

Annual Review

The Board shall review this investment policy and investment strategies not less than annually and shall document its review in writing, which shall include whether any changes were made to either the investment policy or investment strategies.

Annual Audit

In conjunction with the annual financial audit, the District shall perform a compliance audit of management controls on investments and adherence to the District's established investment policies.

Approved Broker/Dealer List

9/30/2021

[1] Bank of America/Merrill Lynch
[1] Barclays Capital Inc.
BNY Capital Markets
BOK Financial
[1] Cantor Fitzgerald & Co.
[2] CastleOak Securities
[1] Citigroup Global Markets Inc.
FHN Financial
Fifth Third Securities, Inc.
[1] Goldman Sachs & Co.
Guggenheim Securities, LLC
Hilltop Securities
ICAP Corporates, LLC
InspereX (formerly InCapital)
[1] Jefferies
[1] JPMorgan Securities
Keybanc Capital Markets
Loop Capital Markets
MarketAxess Corporation
[1] Mizuho Securities
Moreton Capital Markets
[1] Morgan Stanley
[2] Multi-Bank Securities
[1] Nomura Securities
Oppenheimer
Piper Sandler & Co
PNC Capital Markets LLC
Raymond James
[1] RBC Securities
Robert W. Baird
[2] Siebert Williams Shank
Stifel Nicolaus
StoneX Group Inc.
SunTrust Robinson Humphrey, Inc
[1] UBS Financial
[1] Wells Fargo

Note: Direct issuers of CP and CDs are considered to be approved counterparties if approved as an issuer.

[1] *Primary Government Securities Dealer*
[2] *Minority, Woman owned, or Service Disabled-Veteran owned Enterprise*

Important Disclosures

This list is current as of the effective date only and is subject to change without notice. This list is for informational purposes only, and may not be relied upon for any other purpose. The list does not imply counterparty approval for deriviatives of any type. This information is confidential and may not be distributed without prior written consent of Patterson & Associates.

RESOLUTION OF THE MISSION CISD
TO AUTHORIZE ACCEPTANCE OF DONATION

WHEREAS, Mr. Antonio Villeda of _____, Texas has generously offered to donate future life insurance proceeds to Mission CISD for the purpose of funding student scholarships; and

WHEREAS, the Mission Consolidated Independent School District ("District") Policy CDC (LOCAL) requires the Board of Trustees to accept donations made for specific purposes; and

WHEREAS, Mr. Villeda has designated the District as beneficiary for a life insurance policy in the amount of $500,000; and

WHEREAS, Mr. Villeda has expressed that the donation of the described life insurance proceeds is conditional on the District's agreement to fund an annual scholarship in the amount of $20,000 to benefit migrant students from Mission High School who attend University of Texas at Austin, Texas A&M, or Southern Methodist University; and

WHEREAS, it is in the interest of the District that the Board of Trustees accept the donation of the described life insurance proceeds under the conditions expressed by Mr. Villeda; and

WHEREAS, the District is a non-profit governmental entity as recognized by the Internal Revenue Service, but the District is not able to verify that any specific donation will be deductible for income tax purposes; now therefore

BE IT RESOLVED:

1. The Board of Trustees accepts the donation of the described life insurance proceeds upon vesting and subject to the limitations described above; and

Passed by a vote of _____ to _____ on_____, 2022.

_____ _____

Gerardo Zamora
President, Board of Trustees

Roy Vela
Secretary, Board of Trustees

SUBJECT: Financial Report for December 2021

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

As per Board Policy CFA (LEGAL), The Board shall prepare an annual financial statement that shows the following for each fund subject to its authority during the fiscal year:

1. The total receipts of the fund, itemized by the source of revenue, including taxes, assessments, service charges, grants of state money, gifts, or other general sources from which funds are derived.

2. The total disbursements of the fund, itemized by the nature of the expenditure.

3. The balance in the fund at the close of the fiscal year.

Monthly financial reports are prepared throughout the year by Administration for information purposes only.

ADMINISTRATIVE CONSIDERATIONS

The General Fund Financial reports compare the budgeted revenues and expenditures.

Actual revenues for December 2021 totaled $76,535,264 and actual expenditures totaled $58,247,628. The excess total revenues over expenditures and other operating uses is $18,294,263.

These numbers do not include outstanding encumbrances for payroll and supplies. Budget by function is sufficient to meet expenditures.

The Debt Fund financial report is also attached.

FUNDING SOURCE AND AMOUNT

Not applicable.

RECOMMENDATION

Information item only.

CONTACT PERSON(S)

Joel Garcia, Assistant Superintendent for Finance
Anna Zuniga, CPA Director for Finance

Mission Consolidated Independent School District
General Fund
December 31, 2021

		Budget	Actual	Difference	%
Revenues					
5700	Local and Intermediate Sources	$ 27,728,439	$13,365,422	$ (14,363,017)	48.20%
5800	State Program Revenues	130,446,452	55,540,886	(74,905,566)	42.58%
5900	Federal Program Revenues	22,687,952	7,628,956	(15,058,996)	33.63%
	Total Revenues	**$ 180,862,843**	**$ 76,535,264**	**$ (104,327,579)**	
Expenditures					
11	Instruction	$ 72,340,285	$22,400,036	$ 49,940,249	30.96%
12	Instrucional Resources & Media Services	2,522,688	781,419	1,741,269	30.98%
13	Curriculum and Personnel Development	2,243,646	938,046	1,305,600	41.81%
21	Instructional Administration	2,901,516	1,197,044	1,704,472	41.26%
23	School Administration	9,707,122	3,840,341	5,866,781	39.56%
31	Guidance and Counseling Services	6,170,276	2,187,961	3,982,315	35.46%
32	Attendance and Social Work Services	587,220	237,710	349,510	40.48%
33	Health Services	1,974,224	640,260	1,333,964	32.43%
34	Pupil Transportation	6,481,181	2,055,069	4,426,112	31.71%
35	Food Services	15,337,356	6,684,824	8,652,532	43.59%
36	Co-Curricular Activities	8,643,395	2,278,272	6,365,123	26.36%
41	General Administration	5,899,249	2,740,771	3,158,478	46.46%
51	Plant Maintenance and Operations	34,454,482	9,100,819	25,353,663	26.41%
52	Security and Monitoring	3,515,703	1,034,967	2,480,736	29.44%
53	Data Processing Services	3,335,115	1,622,082	1,713,033	48.64%
61	Community Services	399,873	110,999	288,874	27.76%
71	Debt Service	1,036,320	233,159	803,161	22.50%
81	Facilities Acquisition and Construction	8,709,628	17,998	8,691,630	0.21%
95	Juvenile Justice Alt. Education	20,000	-	20,000	0.00%
99	Other Intergovernmental Charges	296,080	145,851	150,230	0.00%
	Total Expenditures	**$ 186,575,359**	**$58,247,628**	**$ 128,327,731**	**0**
1100	**Excess (Deficiency)**	**$ (5,712,516)**	**$18,287,636**	**$ 24,000,152**	
Non-Operating Revenue					
7912	Sale of Real or Personal Property	$ 132,680	$ 6,627	$ (126,053)	5.00%
7915	Operating Transfers In	16,480,615	$ -	(16,480,615)	0.00%
	Total Non-Operating Revenue	**$ 16,613,295**	**$ 6,627**	**$ (16,606,668)**	
Non-Operating Expenses					
8911	Other Uses	$ (18,022,997)	$ -	$ (18,022,997)	0.00%
	Total Non-Operating Expenses	**$ (18,022,997)**	**$ -**	**$ (18,022,997)**	
1200	**Excess (Deficiency)**	**$ (7,122,218)**	**$ 18,294,263**	**$ (10,629,513)**	
0100	**Fund Balance - Beginning Audited**	**$ 80,898,169**	**$ 80,898,169**	**$ -**	
3000	**Fund Balance - Ending Un-Audited**	**$ 73,775,951**	**$ 99,192,432**	**$ (10,629,513)**	

Mission Consolidated Independent School District
December 31, 2021
DEBT SERVICE FUND 599

		Budget	Actual	Difference	%
Revenues					
5700	Local and Intermediate Sources	$ 4,182,889	$ 2,132,028	$ (2,050,861)	50.97%
5800	State Program Revenues	4,274,159	3,902,778	(371,381)	91.31%
	Total Revenues	**$ 8,457,048**	**$ 6,034,806**	**$ (2,422,242)**	
Expenditures					
71	Debt Services	$ 8,457,048	$ 1,793,824	$ 6,663,225	21.21%
	Total Expenditures	**$ 8,457,048**	**$ 1,793,824**	**$ 6,663,225**	
1100	**Excess (Deficiency)**	**$ -**	**$ 4,240,982**	**$ 4,240,982**	
Non-Operating Revenue					
7900	Operating Transfers In	$0	$0	$0	0.00%
Non-Operating Expenses					
8900	Operating Transfers Out	$ -	$ -	$ -	0.00%
1200	**Excess (Deficiency)**	**$ -**	**$ 4,240,982**	**$ 4,240,982**	
0100	**Fund Balance - Beginning Audited**	**$ 5,114,405**	**$ 5,114,405**	**$ -**	
3000	**Fund Balance - Ending Un-Audited**	**$ 5,114,405**	**$ 9,355,387**	**$ 4,240,982**	

SUBJECT: Tax Levy Adjustments for the Month of December 2021

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

The Hidalgo County Assessor & Collector has been collecting the District's taxes since December 1999. Both current and delinquent taxes are collected by Hidalgo County on our behalf.

ADMINISTRATIVE CONSIDERATIONS

Tax roll adjustments due to corrections, rollbacks, homesteads, dropped years, etc., resulted in a net decrease of $33,919.13. Adjustments are reviewed and posted to the general ledger on a monthly basis. These modifications are included as part of the monthly tax report.

Collections totaled $11,196,319.74. The monthly fee for this service is $6,271.00.

Attached is the December 2021 Tax Collection Report

FUNDING SOURCE AND AMOUNT

Local Maintenance Levy Modification $29,084.37
Debt Service Levy Modification $4,834.76
Rollbacks $0.00

RECOMMENDATION

Information item only; no recommendation is required.

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Anna Zuniga, CPA Director of Finance
Rosalinda Rodriguez, Accountant

PREPARED BY: Bianca Guerra

PABLO "PAUL" VILLARREAL JR., ASSESSOR & COLLECTOR
MISSION C.I.S.D. TAXES COLLECTED FOR:
DECEMBER 2021

COMPARATIVE RATE OF COLLECTIONS

MISSION C.I.S.D. SMS - 48	ORIGINAL TAX LEVY	COLLECTED TO DATE	DROPPED YRS AFTER PURGE	MODIF. TO DATE	TAXES OUTSTANDING	PERCENT 2021/2022	COLLECTED 2020/2021
2021 TAX ROLL	28,363,668.26	13,825,551.46	-	713,841.23	15,251,958.03	47.55%	40.98%
2020 & PRIOR YRS	4,597,051.27	875,839.49	(26,936.59)	(63,379.42)	3,630,895.77	19.43%	19.64%
ROLLBACK	8,099.31	3,081.26	-	-	5,018.05	38.04%	100.00%
TOTALS	32,968,818.84	14,704,472.21	(26,936.59)	650,461.81	18,887,871.85		

BREAKDOWN OF TAX COLLECTIONS AND FEES FOR THE MONTH OF DECEMBER 2021

	MISSION C.I.S.D.	MONTHLY MODIFICATIONS	
CURRENT YEAR-BASE TAX	11,093,426.80	(30,734.16)	CURRENT
CURRENT YEAR-P&I	-		
PRIOR YEARS-BASE TAX	67,267.44	(3,184.97)	PRIOR
PRIOR YEARS-P&I	22,475.21		
ROLLBACK	-	-	ROLLBACK
ROLLBACK P&I	-		
ATTORNEY FEES	13,150.29		PURGED
TOTAL COLLECTIONS	11,196,319.74	(33,919.13)	
LESS TRANSFERRED	4,247,608.51		
LESS IN TRANSIT	6,942,084.62		
LESS DUE TO HCAD COMM FEES	355.61		
LESS DUE TO CO TREASURER	6,271.00		
	-		
BALANCE	0.00		

**********AFFIDAVIT**********

I, PABLO "PAUL" VILLARREAL JR., ASSESSOR-COLLECTOR OF TAXES FOR THE MISSION C.I.S.D., DO SOLEMNLY SWEAR THAT THE ABOVE STATEMENT OF TAXES COLLECTED BY ME FOR THE MONTH OF DECEMBER IS CORRECT.

Pablo (Paul) Villarreal Jr.

ASSESSOR-COLLECTOR OF TAXES FOR MISSION C.I.S.D., TEXAS

HIDALGO COUNTY ASSESSOR & COLL. OF TEXAS

SWORN AND SUBSCRIBED BEFORE ME THIS 21TH DAY OF JANUARY 2022 A.D.

Jose E Jaramillo

NOTARY PUBLIC, HIDALGO COUNTY, TEXAS

NOTARY PUBLIC
Jose Edgar Jaramillo
Notary ID#
12911866-7
My Comm. Exp.
9-10-2024
STATE OF TEXAS

HIDALGO COUNTY TAX OFFICE
MISSION CISD

MODIFICATIONS FOR THE MONTH OF DECEMBER 2021

YR	RATE	M&O	%	ADJ	M&O	I&S	%	I&S
2021	1.1332	0.9719	85.77%	(30,734.16)	(26,359.45)	0.1613	14.23%	(4,374.71)
2020	1.19930	1.02800	85.72%	(3,374.70)	(2,892.68)	0.1713	14.28%	(482.02)
2019	1.23955	1.06835	86.19%	(737.61)	(635.74)	0.1712	13.81%	(101.87)
2018	1.3398	1.1700	87.33%	248.10	216.66	0.1698	12.67%	31.44
2017	1.3502	1.1700	86.65%	336.15	291.29	0.1802	13.35%	44.86
2016	1.3582	1.1700	86.14%	343.09	295.55	0.1882	13.86%	47.54
2015	1.3672	1.1700	85.58%		0.00	0.1972	14.42%	0.00
2014	1.3300	1.1700	87.97%		0.00	0.1600	12.03%	0.00
2013	1.3000	1.1700	90.00%		0.00	0.1300	10.00%	0.00
2012	1.3000	1.1700	90.00%		0.00	0.1300	10.00%	0.00
2011	1.3000	1.1700	90.00%		0.00	0.1300	10.00%	0.00
2010	1.3000	1.0400	80.00%		0.00	0.2600	20.00%	0.00
2009	1.2800	1.0400	81.25%		0.00	0.2400	18.75%	0.00
2008	1.2400	1.0400	83.87%		0.00	0.2000	16.13%	0.00
2007	1.1800	1.0400	88.14%		0.00	0.1400	11.86%	0.00
2006	1.4574	1.3374	91.77%		0.00	0.1200	8.23%	0.00
2005	1.5632	1.4632	93.60%		0.00	0.1000	6.40%	0.00
2004	1.5691	1.4632	93.25%		0.00	0.1059	6.75%	0.00
2003	1.5841	1.4632	92.37%		0.00	0.1209	7.63%	0.00
2002	1.5841	1.4500	91.53%		0.00	0.1341	8.47%	0.00
2001	1.5341	1.4394	93.83%		0.00	0.0947	6.17%	0.00
2000	1.5341	1.4000	91.26%		0.00	0.1341	8.74%	0.00
1999	1.5050	1.4208	94.41%		0.00	0.0842	5.59%	0.00
			TOTAL	**(33,919.13)**	**(29,084.37)**			**(4,834.76)**

		M&O	I&S
2021	**(30,734.16)**	**(26,359.45)**	**(4,374.71)**
2020 & PRIOR	**(3,184.97)**	**(2,724.92)**	**(460.05)**
TOTAL	**(33,919.13)**	**(29,084.37)**	**(4,834.76)**

ROLLBACK MODIFICATIONS FOR THE MONTH OF DECEMBER 2021

YR	RATE	M&O	%	ADJ	M&O	I&S	%	I&S
2021	1.1332	0.9719	85.77%	-	0.00	0.1613	14.23%	0.00
2020	1.1993	1.0280	85.72%	-	0.00	0.1713	14.28%	0.00
2019	1.2396	1.0684	86.19%	-	0.00	0.1712	13.81%	0.00
2018	1.3398	1.1700	87.33%	-	0.00	0.1698	12.67%	0.00
2017	1.3502	1.1700	86.65%	-	0.00	0.1802	13.35%	0.00
			TOTAL	**0.00**	**0.00**			**0.00**

	M&O	I&S
CURRENT	-	-
DELINQUENT	-	-
TOTAL	-	-

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2021	M & O	.971900	9,514,385.48	.00	.00	.00	9,514,385.48	.00	.00	.00	9,514,385.48
	I & S	.161300	1,579,041.32	.00	.00	.00	1,579,041.32	.00	.00	.00	1,579,041.32
	TOTAL	1.133200	11,093,426.80	.00	.00	.00	11,093,426.80	.00	.00	.00	11,093,426.80
2020	M & O	1.028000	33,953.46	.00	7,822.79	.00	41,776.25	7,150.98	.00	.00	48,927.23
	I & S	.171300	5,657.79	.00	1,303.58	.00	6,961.37	.00	.00	.00	6,961.37
	TOTAL	1.199300	39,611.25	.00	9,126.37	.00	48,737.62	7,150.98	.00	.00	55,888.60
2019	M & O	1.068350	13,682.99	.00	4,892.70	.00	18,575.69	3,223.28	.00	.00	21,798.97
	I & S	.171200	2,192.67	.00	784.01	.00	2,976.68	.00	.00	.00	2,976.68
	TOTAL	1.239550	15,875.66	.00	5,676.71	.00	21,552.37	3,223.28	.00	.00	24,775.65
2018	M & O	1.170000	4,414.83	.00	1,985.29	.00	6,400.12	1,051.19	.00	.00	7,451.31
	I & S	.169800	640.72	.00	288.10	.00	928.82	.00	.00	.00	928.82
	TOTAL	1.339800	5,055.55	.00	2,273.39	.00	7,328.94	1,051.19	.00	.00	8,380.13
2017	M & O	1.170000	2,375.29	.00	1,368.04	.00	3,743.33	632.87	.00	.00	4,376.20
	I & S	.180200	365.81	.00	210.70	.00	576.51	.00	.00	.00	576.51
	TOTAL	1.350200	2,741.10	.00	1,578.74	.00	4,319.84	632.87	.00	.00	4,952.71
2016	M & O	1.170000	873.49	.00	575.40	.00	1,448.89	246.85	.00	.00	1,695.74
	I & S	.188200	140.53	.00	92.55	.00	233.08	.00	.00	.00	233.08
	TOTAL	1.358200	1,014.02	.00	667.95	.00	1,681.97	246.85	.00	.00	1,928.82
2015	M & O	1.170000	759.56	.00	599.61	.00	1,359.17	223.02	.00	.00	1,582.19
	I & S	.197200	128.02	.00	101.06	.00	229.08	.00	.00	.00	229.08
	TOTAL	1.367200	887.58	.00	700.67	.00	1,588.25	223.02	.00	.00	1,811.27
2014	M & O	1.170000	265.70	.00	251.96	.00	517.66	88.05	.00	.00	605.71
	I & S	.160000	36.34	.00	34.46	.00	70.80	.00	.00	.00	70.80
	TOTAL	1.330000	302.04	.00	286.42	.00	588.46	88.05	.00	.00	676.51
2013	M & O	1.170000	571.19	.00	444.22	.00	1,015.41	120.67	.00	.00	1,136.08
	I & S	.130000	63.47	.00	49.35	.00	112.82	.00	.00	.00	112.82
	TOTAL	1.300000	634.66	.00	493.57	.00	1,128.23	120.67	.00	.00	1,248.90
2012	M & O	1.170000	356.79	.00	296.89	.00	653.68	69.36	.00	.00	723.04
	I & S	.130000	39.65	.00	32.99	.00	72.64	.00	.00	.00	72.64
	TOTAL	1.300000	396.44	.00	329.88	.00	726.32	69.36	.00	.00	795.68
2011	M & O	1.170000	68.90	.00	90.27	.00	159.17	26.53	.00	.00	185.70
	I & S	.130000	7.66	.00	10.03	.00	17.69	.00	.00	.00	17.69
	TOTAL	1.300000	76.56	.00	100.30	.00	176.86	26.53	.00	.00	203.39
2010	M & O	1.040000	18.76	.00	23.62	.00	42.38	6.41	.00	.00	48.79
	I & S	.260000	4.69	.00	5.91	.00	10.60	.00	.00	.00	10.60
	TOTAL	1.300000	23.45	.00	29.53	.00	52.98	6.41	.00	.00	59.39

YEAR	FUND	TAX RATE	LEVY PAID	DISCOUNT GIVEN	PENALTY INTEREST	TIF AMOUNT	DISBURSE TOTAL	ATTORNEY	OTHER FEES	REFUND AMOUNT	PAYMENT AMOUNT
2009	M & O	1.040000	85.82	.00	132.74	.00	218.56	50.38	.00	.00	268.94
	I & S	.240000	19.80	.00	30.63	.00	50.43	.00	.00	.00	50.43
	TOTAL	1.280000	105.62	.00	163.37	.00	268.99	50.38	.00	.00	319.37
2008	M & O	1.040000	213.18	.00	254.41	.00	467.59	61.00	.00	.00	528.59
	I & S	.200000	41.00	.00	48.92	.00	89.92	.00	.00	.00	89.92
	TOTAL	1.240000	254.18	.00	303.33	.00	557.51	61.00	.00	.00	618.51
2007	M & O	1.040000	126.20	.00	211.35	.00	337.55	54.41	.00	.00	391.96
	I & S	.140000	16.99	.00	28.46	.00	45.45	.00	.00	.00	45.45
	TOTAL	1.180000	143.19	.00	239.81	.00	383.00	54.41	.00	.00	437.41
2005	M & O	1.463200	97.89	.00	198.70	.00	296.59	47.53	.00	.00	344.12
	I & S	.100000	6.69	.00	13.58	.00	20.27	.00	.00	.00	20.27
	TOTAL	1.563200	104.58	.00	212.28	.00	316.86	47.53	.00	.00	364.39
2004	M & O	1.463200	236.14-	.00	224.31-	.00	460.45-	.02	.00	.00	460.43-
	I & S	.105900	17.08-	.00	16.23-	.00	33.31-	.00	.00	.00	33.31-
	TOTAL	1.569100	253.22-	.00	240.54-	.00	493.76-	.02	.00	.00	493.74-
2003	M & O	1.463200	229.33	.00	410.53	.00	639.86	81.56	.00	.00	721.42
	I & S	.120900	18.95	.00	33.93	.00	52.88	.00	.00	.00	52.88
	TOTAL	1.584100	248.28	.00	444.46	.00	692.74	81.56	.00	.00	774.30
2002	M & O	1.450000	42.56	.00	81.44	.00	124.00	16.18	.00	.00	140.18
	I & S	.134100	3.94	.00	7.53	.00	11.47	.00	.00	.00	11.47
	TOTAL	1.584100	46.50	.00	88.97	.00	135.47	16.18	.00	.00	151.65
ALL	M & O		9,572,285.28	.00	19,415.65	.00	9,591,700.93	13,150.29	.00	.00	9,604,851.22
ALL	I & S		1,588,408.96	.00	3,059.56	.00	1,591,468.52	.00	.00	.00	1,591,468.52
ALL	TOTAL		11,160,694.24	.00	22,475.21	.00	11,183,169.45	13,150.29	.00	.00	11,196,319.74
DLQ	M & O		57,899.80	.00	19,415.65	.00	77,315.45	13,150.29	.00	.00	90,465.74
DLQ	I & S		9,367.64	.00	3,059.56	.00	12,427.20	.00	.00	.00	12,427.20
DLQ	TOTAL		67,267.44	.00	22,475.21	.00	89,742.65	13,150.29	.00	.00	102,892.94
CURR	M & O		9,514,385.48	.00	.00	.00	9,514,385.48	.00	.00	.00	9,514,385.48
CURR	I & S		1,579,041.32	.00	.00	.00	1,579,041.32	.00	.00	.00	1,579,041.32
CURR	TOTAL		11,093,426.80	.00	.00	.00	11,093,426.80	.00	.00	.00	11,093,426.80

SUBJECT: Disbursements for the Months of November and December 2021

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION:
The District's disbursements list all of the checks and other payments made during the reporting month. The check registers, wire transfers, and automated clearing house (ACH) transactions are available for inspection at the office of the Assistant Superintendent for Finance.

Monthly disbursement reports are prepared throughout the year by administration for information purposes only.

ADMINISTRATIVE CONSIDERATIONS:
The District's total disbursements for the Month of November totaled $13,007,719.51 as follows:

Disbursement Type	Amount
Accounts Payable Vendor Checks	$ 2,656,284.51
District Purchasing Cards	$ 594,118.43
ACH	$ 1,834,805.47
Wire Transfers	$ 213,059.83
Payroll	$ 7,709,451.27
TOTAL	**$ 13,007,719.51**

The District's total disbursements for the Month of December totaled $15,645,945.93 as follows:

Disbursement Type	Amount
Accounts Payable Vendor Checks	$ 1,905,154.39
District Purchasing Cards	$ 489,512.12
ACH	$ 2,538,499.78
Wire Transfers	$ 214,876.99
Payroll	$ 10,497,902.65
TOTAL	**$ 15,645,945.93**

FUNDING SOURCE AND AMOUNT:
N/A

RECOMMENDATION:
Information item only; no recommendation is required.

CONTACT PERSON (S):
Joel Garcia, Assistant Superintendent for Finance
Anna Zuniga, CPA, Director for Finance
Odon Garcia Jr, Accountant

SUBJECT: Donations

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

In accordance with Board Policy CDC (Legal), all bequest of property for the benefit of the public schools shall, when not otherwise directed by the grantor, vest the property in the Board. Funds or other property donated, or the income therefrom, may be expended:

1. For any purpose designated by the donor that is in keeping with the lawful purposes of the schools that are to benefit from the donation; or
2. For any legal purpose if the donor designated no specific purpose.

The district receives donations from various sources throughout the school year. The majority of donations are given to the student activity funds to be used for student travel and awards. Some donations are in cash and some are non-cash, such as equipment, food, and services.

AMINISTRATION CONSIDERATION

For the period reported, total donations were $2,217.00. There were no cash donations and there were four non-cash donations received. These donations benefit our students.

FUNDING SOURCE AND AMOUNT

N/A

RECOMMENDATION:

Informational item

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Anna Zuniga, CPA, Director for Finance
Rosalinda Rodriguez, Accountant

Mission Consolidated Independent School District
Donations through January 2022

Date	Campus / Scholarship	Cash	Non-Cash	Donor	Purpose
12/13/21	Pearson Elementary	-	139.00	Gabriela Perez	Donation of a boy's bicycle
12/17/21	Pearson Elementary	-	278.00	Veronica Mendoza	Donation of two bicycles and toys
12/17/21	Pearson Elementary	-	100.00	Joel Perez	Donation of large stocking with toys
01/10/22	MCISD Administraion Office	-	1,700.00	Mission Regional Medical Center	Donation of 1000 K-95 masks for the District
	Total donations	$ -	$ 2,217.00		

SUBJECT: Quarterly Investment Report

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

In accordance with Board Policy CDA (LEGAL), all investments made by a district shall comply with the Public Funds Investment Act (Texas Government Code Chapter 2256, Subchapter A) and all federal, state, and local statutes, rules or regulations. *Gov't Code 2256.026*

Not less than quarterly, an investment officer shall prepare and submit to a board a written report of investment transactions for all funds covered by the Public Funds Investment Act for the preceding reporting period. This report shall be presented to a board and a superintendent, not less than quarterly, within a reasonable time after the end of the reporting period.

ADMINISTRATIVE CONSIDERATIONS

Mission CISD's investment portfolio totaled $95,629,371.42 at the end of the 2nd quarter ending on December 31, 2021. Interest earned in the 2nd quarter was $7,957.55.

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FUNDING SOURCE AND AMOUNT

N/A

RECOMMENDATION

Information item only; no recommendation is required.

CONTACT PERSON (S)

Joel Garcia, Assistant Superintendent for Finance
Anna Zuniga, CPA, Director of Finance

INVESTMENT REPORT SUMMARY
QUARTER ENDING DECEMBER 31, 2021

FUND	Mutual Funds	INVESTMENT POOLS	CASH	ENDING BALANCE	INTEREST EARNED 2nd QTR
Local Maintenance		$ 67,067,458.88	$ -	$ 67,067,458.88	$ 6,945.20
Debt Service		$ 7,714,430.46	$ 317,506.36	$ 8,031,936.82	$ 654.17
Non-Expendable Trust Fund	$ 265,925.90			$ 265,925.90	$ -
Payroll			$ 1,691,895.50	$ 1,691,895.50	$ 71.82
General Finance			$ 18,572,154.32	$ 18,572,154.32	$ 286.36
TOTAL	**$ 265,925.90**	**$ 74,781,889.34**	**$ 20,581,556.18**	**$95,629,371.42**	**$ 7,957.55**
Portfolio Composition	**0.28%**	**78.20%**	**21.52%**	**100.00%**	

We, the approved Investment Officers of Mission CISD, hereby certify that the following Investment Report represents the investment position of the District as of December 31, 2021 in compliance with the Board approved Investment Policy, the the Public Funds Investment Act (Texas Government Code 2256), and Generally Accepted Accounting Principles (GAAP).

Rosalinda Rodriguez, Accountant

Anna Zuniga, CPA, Director for Finance

Joel Garcia, Assistant Superintendent for Finance

Lorena Garcia, Deputy Superintendent for Support Services

Investment #	Type	Original Purchase Date	Fund	Last Renewal Date	Maturity Date	Rate @ 9/30/2021 *Qtr.avg		Beg. Bal. Market/Book Value 07/01/21	Purchased increase	Sold decrease	End. Bal. Market/Book Value 09/30/21	Qtr. Interest Received	2ND QTR Interest Earned	Int. Earned 7/1/2021 - 6/30/2022
LOCAL MAINTENANCE														
10827-3859-000	TxStar-04		199	n/a	n/a	0.01%	*	10,444,794.59	299.20	0.00	10,445,093.79	299.20	299.20	562.45
907155492	LoneStar-02		199	n/a	n/a	0.06%	*	25,786,615.66	4,799.85	0.00	25,791,415.51	4,133.47	4,133.47	8,468.99
TX010061002	TX CLASS		199	n/a	n/a	0.05%	*	13,610,864.24	27,002,252.82	16,000,000.00	24,613,117.06	2,252.82	2,252.82	5,320.42
1200-03	TEXAS TERM	10/3/2018	199	n/a	n/a	0.02%	*	6,217,572.81	259.71	0.00	6,217,832.52	259.71	259.71	571.70
				Total Local Maintenance				**56,059,847.30**	**27,007,611.58**	**16,000,000.00**	**67,067,458.88**	**6,945.20**	**6,945.20**	**14,923.56**
DEBT SERVICE														
2515278470	Cash (bank bal.)		599	n/a	n/a	0.07%	*	693,426.27	30.70	375,950.61	317,506.36	30.70	30.70	73.03
TX0100610001	TX CLASS	11/1/2018	599	n/a	n/a	0.05%	*	2,408,093.87	5,306,336.59	0.00	7,714,430.46	623.47	623.47	1,089.08
				Total Interest & Sinking				**3,101,520.14**	**5,306,367.29**	**375,950.61**	**8,031,936.82**	**654.17**	**654.17**	**1,162.11**
NON-EXPENDABLE TRUST														
American Balance A	Mutual Fund	11/27/2021	836	n/a	n/a			0.00	72,234.55		72,234.55	0.00	0.00	
American Cap Inc Builder A	Mutual Fund	11/27/2021	836	n/a	n/a			0.00	64,485.67		64,485.67	0.00	0.00	
American Growth FD of Amer A	Mutual Fund	11/27/2021	836	n/a	n/a			0.00	63,946.89		63,946.89	0.00	0.00	
American Inc Fd of Amer A	Mutual Fund	11/27/2021	836	n/a	n/a			0.00	65,258.79		65,258.79	0.00	0.00	
Su Casa Scholarship 6797648521	Cash (bank bal.)			n/a	n/a		*	0.00	0.00	0.00	0.00	0.00	0.00	0.00
												0.00	0.00	0.00
				Total Non-Expendable Trust				**0.00**	**265,925.90**	**0.00**	**265,925.90**	**0.00**	**0.00**	**0.00**
PAYROLL														
2515278454	Cash (bank bal.)		063	n/a	n/a	0.01%	*	1,174,461.83	517,433.67	0.00	1,691,895.50	71.82	71.82	230.87
				Total Payroll				**1,174,461.83**	**517,433.67**	**0.00**	**1,691,895.50**	**71.82**	**71.82**	**230.87**
GENERAL FINANCE														
2515282931	Cash (bank bal.)		064	n/a	n/a	0.01%	*	19,537,391.75	286.36	965,523.79	18,572,154.32	286.36	286.36	1,858.88
				Total General Finance				**19,537,391.75**	**286.36**	**965,523.79**	**18,572,154.32**	**286.36**	**286.36**	**1,858.88**
				TOTAL INVESTMENTS				**$79,873,221.02**	**$33,097,624.80**	**$17,341,474.40**	**$95,629,371.42**	**$7,957.55**	**$7,957.55**	**$18,175.42**

Investment #	Type	Maturity Date	End. Bal. Market/Book Value 12/30/21	DAYS TO MATURITY	BOOK VALUE X DAYS TO MATURITY	WEIGHTED AVERAGE MATURITY*
10827-3859-000	TxStar-04*	n/a	10,445,093.79	0	-	
907155492	LoneStar-02	n/a	25,791,415.51	0	-	
TX010061002	TX CLASS	n/a	24,613,117.06	0	-	
2515278470	Cash (bank bal.)	n/a	317,506.36	0	-	
2515278454	Cash (bank bal.)	n/a	1,691,895.50		-	
2515282931	Cash (bank bal.)	n/a	18,572,154.32		-	
6797648521	Cash (bank bal.)	n/a	0.00		-	
1200-03	TEXAS TERM	n/a	6,217,832.52	0	-	
TX0100610001	TX CLASS	n/a	7,714,430.46	0	-	
			$95,363,445.52		-	**0 DAYS WAM**

SUBJECT: Statement of Impact from ToGive International Charter School

PRESENTER: Joel Garcia, Assistant Superintendent for Finance

BACKGROUND INFORMATION

ToGive International Charter School intends to submit an application to the Commissioner of Education. As part of the amendment process, charter schools are required to notify any districts that are likely to be affected by the change.

Texas Education Agency guidelines require that the Statement of Impact Form be sent to each district that may be affected. Information is requested if proposed change may adversely impact a district financially or if the proposed change may impact the student enrollment of a district in a manner that impairs the district's ability to comply with a court order.

Attached is the Statement of Impact form indicating the type of amendment request that is being made.

ADMINISTRATIVE CONSIDERATIONS

ToGive International Charter School intends open a facility and grade levels to be served at their new campus with an effective date of September 1, 2022 through August 31, 2023.

Enrollment Year 1	– 1st - 5th Grade	300
Enrollment Year 2	– 1st - 6th Grade	360
Enrollment Year 3	– 1st - 7th Grade	360
Enrollment Year 4	– 1st - 8th Grade	480
Enrollment Year 5	– 1st - 8th Grade	540
At Capacity	1st - 8th Grade	540

FUNDING SOURCE AND AMOUNT

N/A

RECOMMENDATION

Respond to Statement of Impact form for ToGive International Charter School.

The proposed change for the open-enrollment charter school is expected to impact the school district to a significant degree.

CONTACT PERSON(S)

Carol G. Perez, Ed. D., Superintendent of Schools
Joel Garcia, Assistant Superintendent for Finance

November 15, 2021

MISSION C.I.S.D.
JAN 26 2022
SUPT'S OFFICE

ToGive International
2500 Dicker Rd Suite C
Hidalgo, Texas, 78557

Dear Jerry Zamora,

This letter is to inform you that **ToGive International** intends to submit an application to the Texas Education Agency in response to the Generation Twenty-Seven Open-Enrollment charter school application process. Statutory guidelines require that applicants send the enclosed *Statement of Impact* form and a copy of the completed *Applicant Profile Page* to each district that may be affected by the proposed charter school. Your district is receiving this information because the proposed charter school's designated geographic boundary overlaps with your district's boundary. The proposed charter school's designated geographic boundary will include the following districts: **Donna ISD, Edcouch-Elsa ISD, Edinburg CISD, Harlingen ISD, Hidalgo ISD, La Feria ISD, La Joya ISD, La Villa ISD, McAllen ISD, Mercedes ISD, Mission CISD, Monte Alto ISD, Progreso ISD, PSJA ISD, Rio Hondo ISD, Santa Maria ISD, Santa Rosa ISD, Sharyland ISD, South Texas ISD, Valley View ISD, Weslaco ISD.**

The attached *Statement of Impact* form provides a district with an opportunity to inform the commissioner of whether the proposed charter school may adversely impact it financially or in some other respect. Completed forms may be returned to:

Texas Education Agency
Attention: The New Schools Team
charterapplication@tea.texas.gov

Forms must be received no later than **Friday, March 4, 2022,** for the information to be considered. If you have questions about the process for approval of open-enrollment charter schools, please contact the Division of Charter School Authorizing and Administration at 512 463-9575 or visit https://tea.texas.gov/texas-schools/texas-schools-charter-schools/charter-schools.
Our application will be available on the Texas Education Agency Charter School webpage on (or around) January 28, 2022.

If you would like a complete application prior to that date, please contact **ToGive International** at **(956) 445-6784**.

Sincerely,

Prisciliano Treviño
Director of the Board of ToGive International

Enclosures: Statement of Impact Form
Application Profile Page

GENERATION TWENTY-SEVEN
OPEN-ENROLLMENT CHARTER APPLICATION
Statement of Impact Form

Purpose of this form: The sponsoring entity identified on the cover letter is submitting an application to the commissioner of education for approval to operate an open-enrollment charter school. The name and location, if known, of the proposed charter school are provided below. As required in Texas Education Code §12.1101, this form must be sent to the superintendent and the board of trustees of each traditional district from which the proposed school intends to draw students, and to each member of the legislature that represents the geographic area to be served by the proposed school.

A school district **may** submit this form to provide the commissioner with information relating to any financial difficulty that a loss in enrollment may have on the district or open-enrollment charter school, and any other information that a district wishes to share with the commissioner. For more information about the proposed charter, please contact the sponsoring entity.

Instructions: Should you choose, to respond, return the completed form no later than Friday, March 4, 2022 to:
charterapplication@tea.texas.gov

Note: See Texas Education Code §12.106 for information about state funding.

Name of Proposed Charter School: ToGive International

Physical Address or General Location of Proposed Charter School: _____

Check the appropriate response below:

☐ The proposed open-enrollment charter school is **not** expected to adversely impact the district to a significant degree.

☑ The proposed open-enrollment charter school **is** expected to have a major impact on the district in the following manner:

*(Describe the impact in the space below **and/or** attach any supporting documentation.)*

Expected to impact the school district to a significant degree

Mission Consolidated Independent School District	108-908
District Name	County-District Identification Number

1201 Bryce Drive - Mission, Texas 78572
District Address

Signature of Superintendent	Signature of Board President
Carolina "Carol" G. Perez, Ed. D.	Gerardo Zamora
Print Superintendent's Name	Print Board President's Name
	(956) 323-5515
Date	Phone Number

RFA 701-22-100

APPLICATION PROFILE

Creative Arts Studio
NAME OF PROPOSED CHARTER SCHOOL

ToGive International
NAME OF SPONSORING ENTITY

- (•) NEW OPERATOR
- ( ) EXPERIENCED OPERATOR

The sponsoring entity is a: [X] 501(c)(3) Nonprofit Organization [ ] Governmental Entity [ ] College or University

SCHOOL MODEL: Arts

I. CONTACT INFORMATION

Contact Name: Jorge Augusto Contreras

Mailing Address: 2500 Dicker Rd Suite C, Hidalgo Tx 78557

Email Address: augusto@creativeartstudio.org

Phone Number: 956 445 6784

II. GOVERNANCE/LEADERSHIP

Chairperson of the School Governing Board:

Prisciliano Trevino

Chief Executive Officer/Superintendent (if known):

Anna Kare Tirado Torres

III. CHARTER MANAGEMENT ORGANIZATION [CMO]

Organization Name:

States within the CMO Portfolio (use state abbreviations):

IV. ENROLLMENT BOUNDARY & FACILITIES

Number of Total Campuses Requested: 1

Anticipated District for Each Campus in Year 1:

McAllen ISD

Address for Each Campus [If Known] or Anticipated Zip Code for Each Campus in Year 1:

V. STUDENT : TEACHER RATIO

By Grade Level: 60:4

VI. FISCAL YEAR

Sponsoring Entity: July 1–June 30

Charter School: September 1–August 31

VII. ENROLLMENT PROJECTIONS

State the estimated enrollment and check all grade levels to be served for each school year. By Year 3, at least one grade in which state assessments are administered must be offered.

		EE3	PK4	K	1	2	3	4	5	6	7	8	9	10	11	12
Year 1	300				60	60	60	60	60							
Year 2	360				60	60	60	60	60	60						
Year 3	420				60	60	60	60	60	60	60					
Year 4	480				60	60	60	60	60	60	60	60				
Year 5	480				60	60	60	60	60	60	60	60				
At Capacity	480				60	60	60	60	60	60	60	60				

I certify that I have the authority to submit this application and that all information contained herein is complete and accurate, realizing that any misrepresentation could result in disqualification from the application process or revocation after award. In accordance with Texas Education Code §12.120, I further certify that no members of the governing body of the sponsoring entity or of the proposed charter school or any officers or employees of the proposed school have been convicted of a misdemeanor involving moral turpitude or of any felony. I understand that incomplete applications will not be considered. As part of the application submission process, I certify that I have read and reviewed the Generation Twenty-Seven Open-Enrollment Charter Application Subchapter D Instructions and Guidance document.

Prisciliano Trevino

Digitally signed by Prisciliano Trevino
Date: 2021.11.15 19:13:33 -06'00'

Electronic Signature of the Chair of the Sponsoring Entity

LINEBARGER GOGGAN BLAIR & SAMPSON, LLP
ATTORNEYS AT LAW
1512 S. Lone Star Way
EDINBURG, TEXAS 78539

Telephone: (956) 383-4500
Facsimile: (956) 383-7820

December 28, 2021

Dr. Carol G. Perez, Superintendent
Mission Consolidated Independent School District
1201 Bryce Drive,
Mission, Texas, 78572

RE: Tax Resale Properties

Dear Dr. Perez,

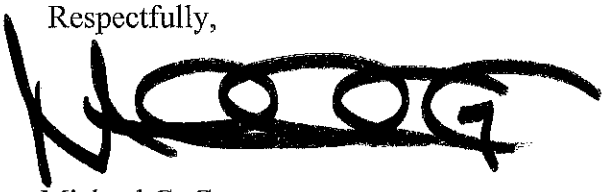
Enclosed is a signed resolution recently approved by Hidalgo County Commissioners Court authorizing our firm to proceed with the tax resale of the struck-off properties listed on attached Exhibit A. The tax resale will take place at the west side of the Administrative Building located at 2802 South Business Highway 281, Edinburg, Texas 78539 (by public auction) on Tuesday, **FEBRUARY 01, 2022,** at 10:30 am.

All of the properties listed on Exhibit A were previously foreclosed upon and put up for tax sale, but the properties failed to receive the required minimum bids and were therefore struck-off to the taxing entities. Additionally, all of the properties were *non-homestead* designated properties and therefore no longer have a right of redemption. Therefore, in accordance with Sec. 34.05 of the Texas Property Tax Code, our firm will proceed to place the properties up for *resale* at a public auction on February 01, 2022, and the proceeds will be applied pro-rata amongst *all* of the taxing entities respective interest in each property.

This item does not need to be placed on your agenda for official approval; it is being provided to you for *informational* purposes only. However, I strongly recommend reviewing the attached Exhibit A and *immediately* contact my office if your taxing entity has an interest/concern in a particular property and wishes that it not be sold. Otherwise, all of the properties will be sold on February 01, 2022, without any further approval by any of the interested taxing entities.

If you have any questions about any particular property and/or about the tax sale/resale process, please do not hesitate to contact me.

Respectfully,



Michael G. Cano
Partner

FILED
AT 1:32 O'CLOCK P M
DEC 16 2021
ARTURO GUAJARDO, JR. COUNTY CLERK
HIDALGO COUNTY, TEXAS
BY _____ DEPUTY

RESOLUTION NO. _____

AUTHORIZING THE RESALE OF PROPERTIES ON THE ATTACHED AND INCORPORATED EXHIBIT A, FOR FAILURE TO PAY AD VALOREM TAXES DUE TO THE COUNTY OF HIDALGO, IN ACCORDANCE WITH SEC. 34.05 OF THE TEXAS PROPERTY TAX CODE.

WHEREAS, the County of Hidalgo is a taxing entity in the State of Texas and is duly authorized to levy and collect taxes on property located within its taxing jurisdiction; and

WHEREAS, the taxing authorities located within the County of Hidalgo hold in trust all properties in their jurisdiction that were previously foreclosed upon and not sold at tax sale ("struck-off") because the opening bid was not met; and

WHEREAS, the County of Hidalgo, as a taxing jurisdiction that is entitled to receive proceeds of the sale of such previously struck-off properties, desires that such properties be placed for resale in accordance with Sec. 34.05 of the Texas Property Code; and

WHEREAS, the County of Hidalgo desires to receive the highest possible bid for each struck-off property so that such properties may be returned to the tax rolls; and

NOW THEREFORE, BE IT RESOLVED BY THE COUNTY OF HIDALGO THAT

1. The governing body of the County of Hidalgo authorizes its County Constable(s) to resale the struck-off properties on the attached Exhibit A by public auction in accordance with Sec. 34.05 of the Texas Property Tax Code and to accept the highest bid for each struck-off property.

2. After such resale is conducted and monies received, the County of Hidalgo authorizes its ad valorem tax attorneys (Linebarger) to pay all costs of resale in accordance with the Texas Property Tax Code and to prorate the remaining monies amongst all of the taxing jurisdictions in accordance with the balances found to be owed in the final judgment, which was approved by a court of proper jurisdiction.

3. The County of Hidalgo authorizes its County Constable(s) to execute the necessary resale deeds upon the payment of its prorated share of the tax resale proceeds without further action from this governing body.

4. This resolution is adopted in accordance with all requirements and is in effect as of December 14, 2021.

County of Hidalgo

Hon. Richard F. Cortez
County Judge, County of Hidalgo

ATTEST:

Arturo Guajardo, Jr.
County Clerk, County of Hidalgo

COMMISSIONERS COURT HIDALGO COUNTY, TEXAS

APPROVED BY
COMMISSIONERS COURT
ON: 12/14/21

LINEBARGER GOGGAN BLAIR & SAMPSON, LLP
HIDALGO COUNTY TAX RESALE LIST

#	SUIT NUMBER	LEGAL DESCRIPTION	ACCOUNT NUMBER
05	T-3355-14-F	TRACT 2: THAT PORTION OUT OF LOT 13-12, WEST ADDITION TO SHARYLAND, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 1, PAGE 56, MAP RECORDS, HIDALGO COUNTY, TEXAS, DESCRIBED IN DOCUMENT # 570093, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS, THE SOUTH 10.85 ACRES, MORE OR LESS, BEING AN IRREGULAR TRACT, OUT OF LOT 13-12, EXCLUDING THE NORTHWEST 0.13 OF AN ACRE, MORE OR LESS, AND CARRIED ON THE APPRAISAL ROLL AS: WEST ADDN. TO SHARYLAND S10.85AC EXC N79.34' W75' LOT 13-12 10.72AC GR 10.11AC NET.	W0100-00-013-0012-00
10	T-1912-18-C & T-1207-03-A	THE WEST ONE (1) ACRE OF THE NORTHEAST THREE (3) ACRES OUT OF THE WEST TWENTY (20) ACRES OF LOT FORTY-FOUR DASH FIVE (44-5) OF THE WEST ADDITION TO SHARYLAND, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 1, PAGE 56, MAP RECORDS, HIDALGO COUNTY, TEXAS AND MORE PARTICULARLY DESCRIBED IN DOCUMENT # 2642875, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS; SAVE AND EXCEPT; (A) THE SOUTH 1/2 OF THE WEST 1 ACRE OF THE NORTHEAST 3 ACRES OF THE WEST 20 ACRES OF LOT 44-5, WEST ADDITION TO SHARYLAND SUBDIVISION, HIDALGO COUNTY, TEXAS, AS DESCRIBED IN VOLUME 1462, PAGE 381, DEED RECORDS, HIDALGO COUNTY, TEXAS; AND (B) A 0.30 ACRE TRACT, MORE OR LESS, DESCRIBED IN DEED DATED FEBRUARY 19, 2015, FROM BALDEMAR FRANCO A/K/A BALDOMAR FRANCO, ETUX TO MARIA IRMA FRANCO, ETUX, RECORDED IN DOCUMENT # 2590182, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS; LEAVING A RESIDUE OF 0.20 ACRE(S), MORE OR LESS.	W0100-00-044-0005-26

DISCLAIMER—RESALE LIST IS PRELIMINARY AND SUBJECT TO CHANGE

T-3355-14-F

(W0100-00-013-0012-00)

LINEBARGER
ATTORNEYS AT LAW

Hidalgo CAD

Property Search > 316508 HIDALGO COUNTY TRUSTEE for Year 2021

Tax Year: 2021

Property

Account

Property ID:	316508	Legal Description:	WEST ADDN. TO SHARYLAND S10.85AC EXC N79.34'-W75' LOT 13-12 10.72AC GR 10.11AC NET
Geographic ID:	W0100-00-013-0012-00	Zoning:	OF
Type:	Real	Agent Code:	
Property Use Code:			
Property Use Description:			

Location

Address:	S STEWART RD TX	Mapsco:	
Neighborhood:	WEST ADDN. TO SHARYLAND	Map ID:	VOL 1 PG 56
Neighborhood CD:	W010000		

Owner

Name:	HIDALGO COUNTY TRUSTEE	Owner ID:	1067775
Mailing Address:	PO BOX 178 EDINBURG, TX 78540-0178	% Ownership:	100.0000000000%
		Exemptions:	EX-XV

Values

(+) Improvement Homesite Value:	+	$0	
(+) Improvement Non-Homesite Value:	+	$0	
(+) Land Homesite Value:	+	$0	
(+) Land Non-Homesite Value:	+	$207,255	Ag / Timber Use Value
(+) Agricultural Market Valuation:	+	$0	$0
(+) Timber Market Valuation:	+	$0	$0

(=) Market Value:	=	$207,255	
(–) Ag or Timber Use Value Reduction:	–	$0	

(=) Appraised Value:	=	$207,255	
(–) HS Cap:	–	$0	

(=) Assessed Value:	=	$207,255	

Taxing Jurisdiction

Owner: HIDALGO COUNTY TRUSTEE
% Ownership: 100.0000000000%
Total Value: $207,255

Entity	Description	Tax Rate	Appraised Value	Taxable Value	Estimated Tax
CAD	APPRAISAL DISTRICT	0.000000	$207,255	$0	$0.00
CMS	CITY OF MISSION	0.529900	$207,255	$0	$0.00
DR1	DRAINAGE DISTRICT #1	0.126400	$207,255	$0	$0.00
GHD	HIDALGO COUNTY	0.575000	$207,255	$0	$0.00
JCC	SOUTH TEXAS COLLEGE	0.171500	$207,255	$0	$0.00
R05	ROAD DIST 05	0.000000	$207,255	$0	$0.00
SMS	MISSION ISD	1.133200	$207,255	$0	$0.00
SST	SOUTH TEXAS SCHOOL	0.049200	$207,255	$0	$0.00
W14	UNITED IRR WTR DIST	0.000000	$207,255	$0	$0.00
	Total Tax Rate:	2.585200			
				Taxes w/Current Exemptions:	$0.00
				Taxes w/o Exemptions:	$5,357.96

Improvement / Building

No improvements exist for this property.

Land

#	Type	Description	Acres	Sqft	Eff Front	Eff Depth	Market Value	Prod. Value
1	AC	ACREAGE	3.5200	153331.20	0.00	0.00	$72,160	$0
2	AC	ACREAGE	6.5900	287060.40	0.00	0.00	$135,095	$0

Roll Value History

Year	Improvements	Land Market	Ag Valuation	Appraised	HS Cap	Assessed
2022	$0	$207,255	0	207,255	$0	$207,255
2021	$0	$207,255	0	207,255	$0	$207,255
2020	$0	$207,255	0	207,255	$0	$207,255
2019	$0	$207,255	0	207,255	$0	$207,255
2018	$0	$96,045	0	96,045	$0	$96,045
2017	$0	$96,045	0	96,045	$0	$96,045
2016	$0	$96,045	0	96,045	$0	$96,045
2015	$0	$96,045	0	96,045	$0	$96,045
2014	$0	$96,045	0	96,045	$0	$96,045
2013	$0	$96,045	0	96,045	$0	$96,045
2012	$0	$101,100	0	101,100	$0	$101,100
2011	$0	$101,100	0	101,100	$0	$101,100
2010	$0	$101,100	0	101,100	$0	$101,100
2009	$0	$122,766	0	122,766	$0	$122,766
2008	$0	$122,766	0	122,766	$0	$122,766

Deed History - (Last 3 Deed Transactions)

#	Deed Date	Type	Description	Grantor	Grantee	Volume	Page	Deed Number
1	4/19/2021	TXD	TAX/RESALE DEED	DIZDAR MARK	HIDALGO COUNTY TRUSTEE			3217082
2	12/30/1996	WD	WARRANTY DEED	MARTED	DIZDAR MARK			570093
3	3/20/1992	WD	WARRANTY DEED	DIZDAR MARK TRUSTEE	MARTED	3226	670	

Tax Due

Property Tax Information as of 01/07/2022

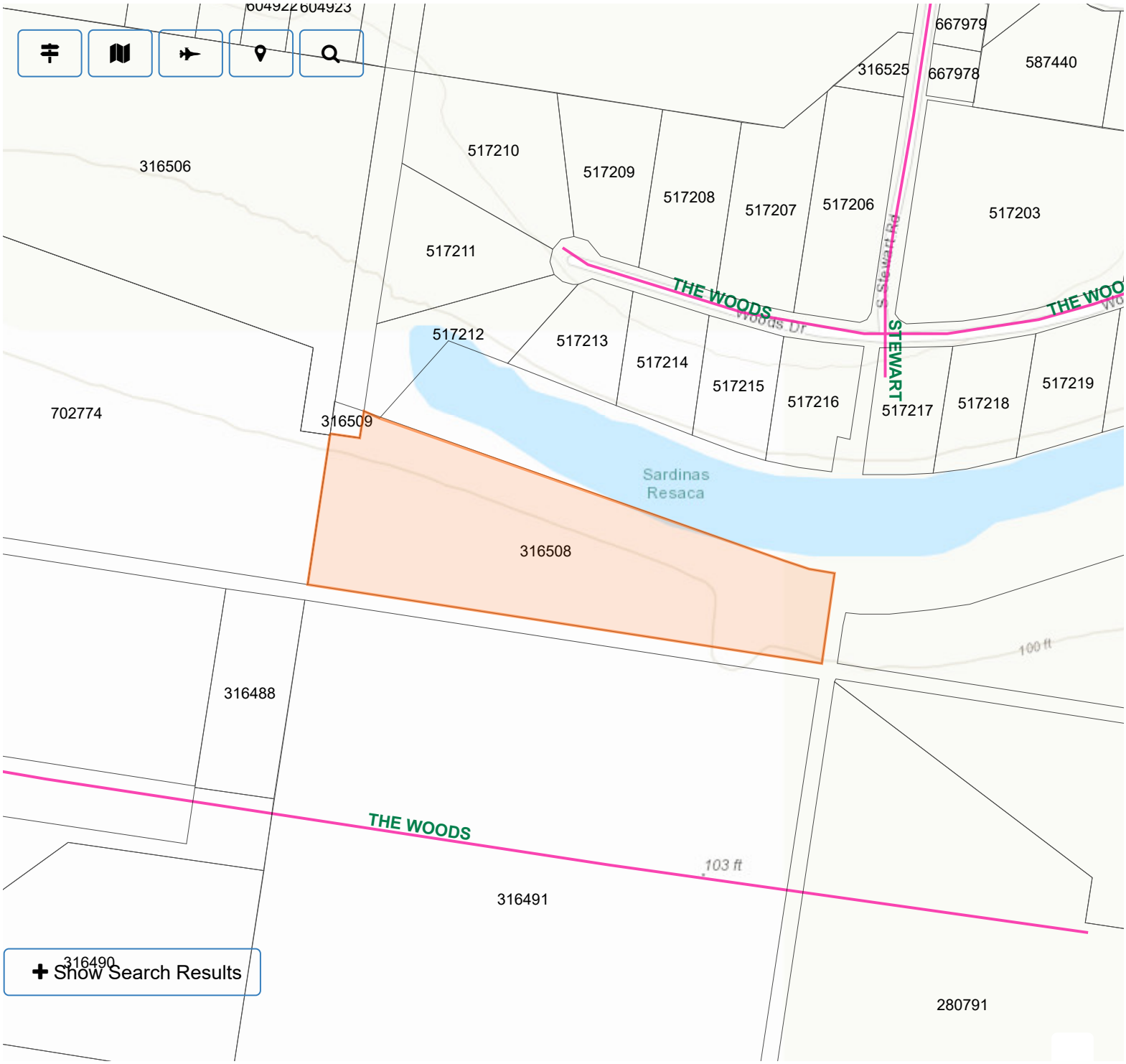
Amount Due if Paid on:

Year	Taxing Jurisdiction	Taxable Value	Base Tax	Base Taxes Paid	Base Tax Due	Discount / Penalty & Interest	Attorney Fees	Amount Due

NOTE: Penalty & Interest accrues every month on the unpaid tax and is added to the balance. Attorney fees may also increase your tax liability if not paid by July 1. If you plan to submit payment on a future date, make sure you enter the date and RECALCULATE to obtain the correct total amount due.

Questions Please Call (956) 381-8466.

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CONNECTEXPLORER™



map: Auto (Mosaic) | Dates: Latest | 08/01/2021 - 10/28/2021


ATTENTION
FOR SALE/TAX FORECLOSURE AUCTION
THIS PROPERTY HAS BEEN SEIZED BY THE SHERIFF/CONSTABLE OF THIS COUNTY FOR DELINQUENT TAXES. DO NOT REMOVE OR TAMPER WITH THIS PROPERTY! YOU COULD BE SUBJECT TO CRIMINAL AND CIVIL PENALTIES.
FOR INFORMATION ON THIS PROPERTY YOU MAY CONTACT:
www.lgbs.com
DATE OF AUCTION: 2/2/21
SUIT: T-3355-14-F
Trail 2
LINEBARGER GOGGAN BLAIR & SAMPSON, LLP
1512 S LONE STAR WAY
EDINBURG, TX 78539
956-289-7917

*

T-1912-18-C

&

T-1207-013-A

(W0100-00-044-0005-26)

Hidalgo CAD

Property Search > 318485 HIDALGO COUNTY TRUSTEE for Year 2021

Tax Year: 2021

Property

Account

Property ID:	318485	Legal Description:	WEST ADDN. TO SHARYLAND E150'- W448'- S57.90'- N145.2' LOT 44-5 0.20AC NET
Geographic ID:	W0100-00-044-0005-26	Zoning:	RS
Type:	Real	Agent Code:	
Property Use Code:			
Property Use Description:			

Location

Address:	704 W SAINT JUDE AVE. TX	Mapsco:	
Neighborhood:	WEST ADDN. TO SHARYLAND	Map ID:	VOL 1 PG 56
Neighborhood CD:	W010000		

Owner

Name:	HIDALGO COUNTY TRUSTEE	Owner ID:	1067775
Mailing Address:	PO BOX 178 EDINBURG, TX 78540-0178	% Ownership:	100.0000000000%
		Exemptions:	EX-XV

Values

(+) Improvement Homesite Value:	+	$0		
(+) Improvement Non-Homesite Value:	+	$57,851		
(+) Land Homesite Value:	+	$0		
(+) Land Non-Homesite Value:	+	$17,754	Ag / Timber Use Value	
(+) Agricultural Market Valuation:	+	$0		$0
(+) Timber Market Valuation:	+	$0		$0

(=) Market Value:	=	$75,605		
(–) Ag or Timber Use Value Reduction:	–	$0		

(=) Appraised Value:	=	$75,605		
(–) HS Cap:	–	$0		

(=) Assessed Value:	=	$75,605		

Taxing Jurisdiction

Owner: HIDALGO COUNTY TRUSTEE
% Ownership: 100.0000000000%
Total Value: $75,605

Entity	Description	Tax Rate	Appraised Value	Taxable Value	Estimated Tax
CAD	APPRAISAL DISTRICT	0.000000	$75,605	$0	$0.00
CAN	CITY OF ALTON	0.436700	$75,605	$0	$0.00
DR1	DRAINAGE DISTRICT #1	0.126400	$75,605	$0	$0.00
GHD	HIDALGO COUNTY	0.575000	$75,605	$0	$0.00
JCC	SOUTH TEXAS COLLEGE	0.171500	$75,605	$0	$0.00
R05	ROAD DIST 05	0.000000	$75,605	$0	$0.00

SMS	MISSION ISD	1.133200	$75,605	$0	$0.00
SST	SOUTH TEXAS SCHOOL	0.049200	$75,605	$0	$0.00
TCAN	CITY OF ALTON TAX INCREMENT ZONE	0.000000	$75,605	$0	$0.00
THCAN	COUNTY - CITY OF ALTON TAX INCREMENT ZONE	0.000000	$75,605	$0	$0.00
W14	UNITED IRR WTR DIST	0.000000	$75,605	$0	$0.00
	Total Tax Rate:	2.492000			
				Taxes w/Current Exemptions:	$0.00
				Taxes w/o Exemptions:	$1,884.08

Improvement / Building

Improvement #1: RESIDENTIAL **State Code:** A1 **Living Area:** 1962.0 sqft **Value:** $57,851

Type	Description	Class CD	Exterior Wall	Year Built	SQFT
MA	MAIN AREA	STUFA - 4	DSTU	1988	1640.0
POR	PORCH (COVERED)	*		1990	112.0
ADD	ADDITION	STUFA - 4	DSTU	1999	168.0
GAR	GARAGE	*		1999	252.0
ENC	ENCLOSED ADD	STUFA - 4	DSTU	1999	154.0
STG	STORAGE	* - *		2006	80.0
CAN	CANOPY	*		2006	192.0

Land

#	Type	Description	Acres	Sqft	Eff Front	Eff Depth	Market Value	Prod. Value
1	AC	ACREAGE	0.2000	8712.00	0.00	0.00	$17,754	$0

Roll Value History

Year	Improvements	Land Market	Ag Valuation	Appraised	HS Cap	Assessed
2022	$57,939	$17,754	0	75,693	$0	$75,693
2021	$57,851	$17,754	0	75,605	$0	$75,605
2020	$52,926	$13,023	0	65,949	$0	$65,949
2019	$42,677	$13,023	0	55,700	$0	$55,700
2018	$45,788	$13,023	0	58,811	$0	$58,811
2017	$46,630	$13,023	0	59,653	$0	$59,653
2016	$46,561	$13,023	0	59,584	$0	$59,584
2015	$48,181	$9,157	0	57,338	$0	$57,338
2014	$42,086	$18,314	0	60,400	$0	$60,400
2013	$43,474	$18,314	0	61,788	$0	$61,788
2012	$43,662	$18,314	0	61,976	$0	$61,976
2011	$42,112	$18,314	0	60,426	$0	$60,426
2010	$43,334	$18,314	0	61,648	$0	$61,648
2009	$44,557	$18,314	0	62,871	$0	$62,871
2008	$47,427	$18,314	0	65,741	$0	$65,741

Deed History - (Last 3 Deed Transactions)

#	Deed Date	Type	Description	Grantor	Grantee	Volume	Page	Deed Number
1	2/20/2020	TXD	TAX/RESALE DEED	NAVARRO MARIA I & MATIAS	HIDALGO COUNTY TRUSTEE			3100337
2				NAVARRO MARIA I & MATIAS	NAVARRO MARIA I & MATIAS			

Tax Due

Property Tax Information as of 01/07/2022

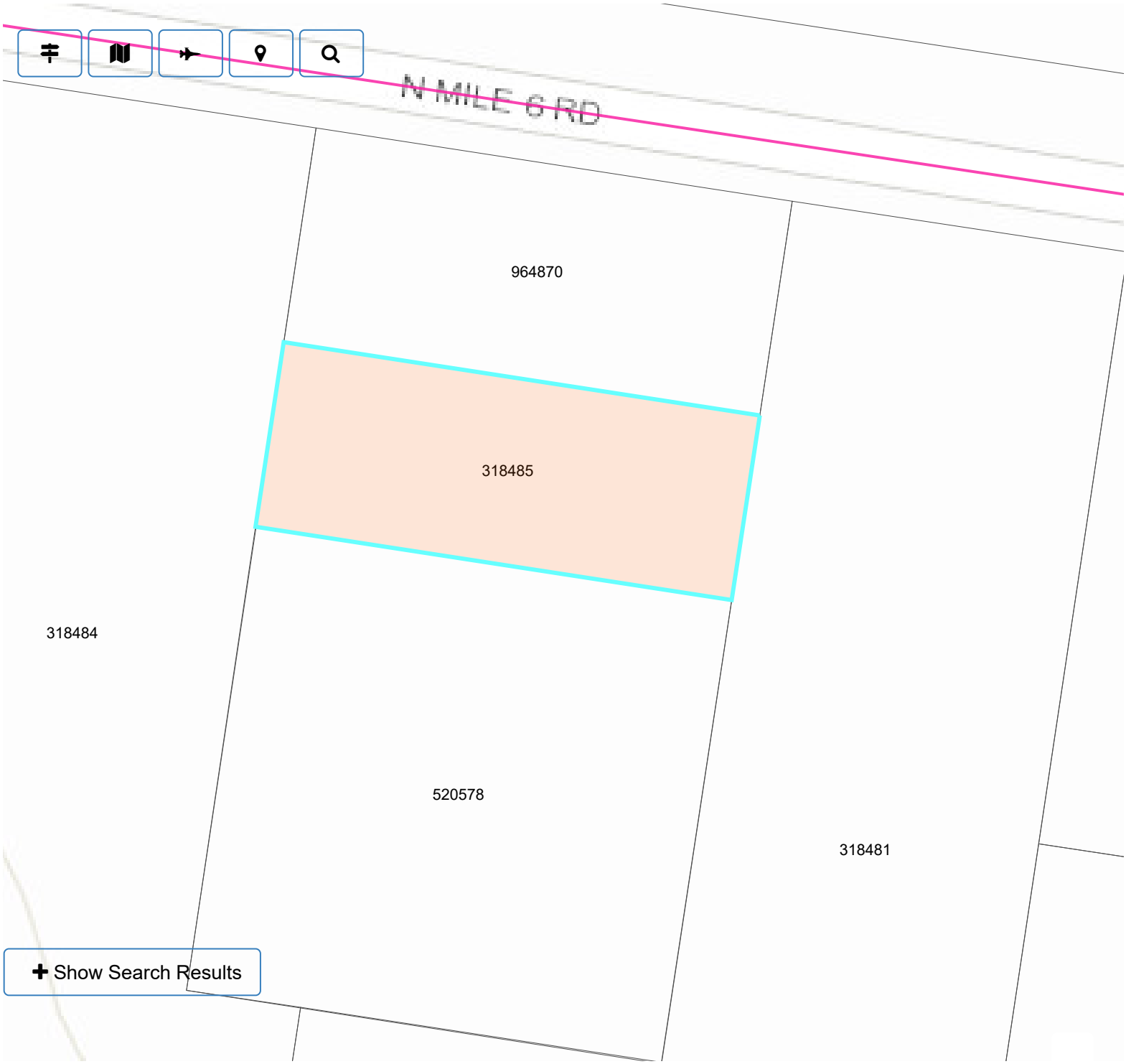
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