

DRAFT

**RESOLUTION NO. R26-67**

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, APPROVING CHANGE ORDER NO. 1 TO THE CONSTRUCTION CONTRACT WITH RUTJENS CONSTRUCTION, INC. IN THE AMOUNT OF \$17,854.85 FOR CHANGE PROPOSAL REQUESTS 1 THROUGH 5 FOR COLUMBUS NORTH WELL NO. 20 PROJECT.

WHEREAS, Resolution R25-136 awarded the construction contract to Rutjens Construction, Inc.; and

WHEREAS, modification, additions, and constructed quantities were measured and determined; and

WHEREAS, city staff and representatives of Rutjens Construction, Inc. and HDR Engineering, Inc. discussed and reviewed said modifications; and

WHEREAS, Rutjens Construction, Inc. has concurred on the proposed modifications as identified in Change Order No. 1.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF COLUMBUS, NEBRASKA, that Change Order No. 1 to the construction contract with Rutjens Construction, Inc. in the amount of \$17,854.85 for Change Proposal Requests 1 through 5 for Columbus North Well No. 20 is approved and the mayor is authorized to sign on behalf of the City of Columbus.

INTRODUCED BY COUNCIL MEMBER \_\_\_\_\_

PASSED AND ADOPTED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2026.

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY



Accountability - Dedication  
Honesty - Integrity - Respect

---

## MEMORANDUM

**DATE:** April 28, 2026  
**TO:** Tara Vasicek, City Administrator  
**FROM:** Richard J. Bogus, City Engineer  
**RE:** Columbus Well No. 20

**RECOMMENDATION:**

I recommend approval of Change Order No. 1 with Rutjens Construction, Inc. for Change Proposal Requests (CPR) 1 through 5 for Columbus Well No. 20.

**DISCUSSION:**

Schedule for Change Order No. 1:

- CPR No. 1 – Control conductors from automated transfer switch to generator: \$680.00  
Added low voltage wiring for start-up and shutdown
- CPR No. 2 – Route fiber into structures and add hand holes: \$11,714.85  
Added for SCADA control purposes
- CPR No. 3 – Well casing di-electric coupling: \$24,910.00  
Added for corrosion prevention of dissimilar metals
- CPR No. 4 – Additional 2" HDPE conduit and plywood panel for data racks: \$4,050.00  
Added for SCADA and data monitoring
- CPR No. 5 – Revise well house wall section: (-\$23,500.00)  
Subtracted due to modification of wall insulation approach and construction

**Total for Change Order No. 1: \$17,854.85**

**FISCAL IMPACT:**

\$17,854.85 part of 2025-2026 North Well No. 20 CIP#25-67 in the amount of \$3,200,000. The change order additional funds are available in the budget.

**ALTERNATIVE:**

Field ordered to keep project moving forward.

**CONCURRENCE:**

By: Chuck Sliva

**SIGNATURE:**

By: Richard J. Bogus

Approved By: [Signature]

---

## CHANGE ORDER NO. ONE

Owner: City of Columbus, Nebraska  
Engineer: HDR  
Contractor: Rutjens Construction, Inc.  
Project: Columbus Well No. 20

Owner's Project No.:  
Engineer's Project No.: 10425904  
Contractor's Project No.:

Date Issued: 4.14.2026

Effective Date of Change Order: 4.15.26

The Contract is modified as follows upon execution of this Change Order: See Description below.

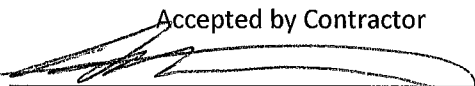
### Description:

See attached schedule for Change Order No. 1

### Attachments:

See attached schedule for Change Order No. 1

| Change in Contract Price                                                       | Change in Contract Times                                                                                                                                |
|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Original Contract Price:<br>\$ <u>1,824,736.00</u>                             | Original Contract Times:<br>Substantial Completion: <u>August 31, 2026</u><br>Ready for final payment: <u>September 30, 2026</u>                        |
| Increase or Decrease from previously approved Change Orders:<br>\$ <u>NONE</u> | Increase or Decrease from previously approved Change Orders:<br>Substantial Completion: <u>None</u><br>Ready for final payment: <u>None</u>             |
| Contract Price prior to this Change Order:<br>\$ <u>1,824,736.00</u>           | Contract Times prior to this Change Order:<br>Substantial Completion: <u>August 31, 2026</u><br>Ready for final payment: <u>September 30, 2026</u>      |
| Increase this Change Order:<br>\$ <u>17,854.85</u>                             | Increase or Decrease this Change Order: <u>None</u><br>Substantial Completion: <u>None</u><br>Ready for final payment: <u>None</u>                      |
| Contract Price incorporating this Change Order:<br>\$ <u>1,842,590.85</u>      | Contract Times with all approved Change Orders:<br>Substantial Completion: <u>August 31, 2026</u><br>Ready for final payment: <u>September 30, 2026</u> |

|                                       |                                                                                      |
|---------------------------------------|--------------------------------------------------------------------------------------|
| Recommended by Engineer (if required) | Accepted by Contractor                                                               |
| By: <u>Chris J. Koenig, PE</u>        |  |
| Title: <u>Senior Project Manager</u>  | <u>Vice President</u>                                                                |
| Date: <u>4.14.2026</u>                | <u>4/27/2026</u>                                                                     |

Authorized by Owner

By: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Schedule for Change Order No. 1:

1. CPR No 1 – Additional Control Conductors from ATS to Generator: \$680.00
2. CPR No. 2 - Route Fiber into Structures and add Hand Holes: \$11,714.85
3. CPR No. 3 – Well Casing Di-Electric Coupling: \$24,910.00
4. CPR No. 4 - Additional 2" HDPE Conduit and Plywood Panel for Data Racks: \$4,050.00
5. CPR No. 5 – Revise Well House Wall Section: -(\$23,500.00)

**Total for Change Order No. 1: \$17,854.85**

Attachments:

1. CPR No 1 - Additional Control Conductors from ATS to Generator, 6 pages
2. CPR No. 2 – Route Fiber into Structures and add Hand Holes, 12 pages
3. CPR No. 3 - Well Casing Di-Electric Coupling, 4 pages
4. CPR No. 4 – Additional 2" HDPE Conduit and Plywood Panel for Data Racks, 2 pages
5. CPR No. 5 – Revise Well House Wall Section, 8 pages

## CHANGE PROPOSAL NO. 1

### CONTROL CONDUCTORS

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Change Proposal No.: 1

Date: 2.25.2026

Submitted in Response to Proposal Request No.: 1

Contractor Name and No.: **Columbus Well No. 20 - 10425904**

Contractor: **Rutjens Construction, Inc.**

Subject: **Proposal Request No. 1 – Addition of Control conductors between the ATS and Generator.**

The following changes to the Contract as described below are proposed.

#### SCOPE OF PROPOSED CHANGE TO CONTRACT:

1. Proposal Request No. 1 – Control Conductors

#### JUSTIFICATION:

1. Communication between ATS and generator.

#### PROPOSED CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

We propose that the Contract Price and Contract Times be changed as follows:

***For Contract Price, attach detailed cost breakdowns for Contractor and Subcontractors, Supplier quotations, and other information required.***

***For the Contract Times, state increase, decrease, or no change to Contract Times for Substantial Completion, readiness for final payment, and Milestones, if any. If increase or decrease, state specific number of days for changes to the Contract Times. Submit supporting data, including time impact analysis for the Progress Schedule.***

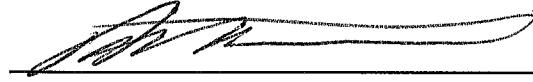
| Description                       | Amount                  | Contract Times (days) |       |
|-----------------------------------|-------------------------|-----------------------|-------|
|                                   |                         | Substantial           | Final |
| 1. Control Conductors             | \$ <u>628.00</u>        |                       |       |
|                                   | \$ _____                |                       |       |
| 2.                                | \$ _____                |                       |       |
| <b>Total This Change Proposal</b> | <b>\$ <u>628.00</u></b> | -                     | -     |

Changes to Milestones, if any: \_\_\_\_\_

Contractor represents that supporting data attached to this Change Proposal are accurate and complete. The requested time or price adjustment indicated in this Change Proposal is the entire adjustment to which Contractor believes it is entitled as a result of the proposed change(s) indicated herein.

Change Proposal by (Contractor): Rutjens Construction

Signature of Proposer:



---



## CPR

|                 |                         |          |           |
|-----------------|-------------------------|----------|-----------|
| PROJECT NAME:   | Columbus Well 20 Design | DATE:    | 2.20.2026 |
| PROJECT NUMBER: | 10425904                |          |           |
| SUBJECT:        | Proposal Request No. 1  | CPR NO.: | 001       |
|                 | Control Conductors      |          |           |

---

DESCRIPTION OF CHANGE:: Conductors from ATS to Generator per Proposal Request  
No. 1

---

All Work shall be in accordance with the terms, stipulations and conditions of original Contract Documents.

---

Time Change (Calendar Days): 0  
Amount:

---

|                                                       |                                                                         |                 |                                                                                                                                                                          |
|-------------------------------------------------------|-------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction Mgr./Contractor:<br>Rutjens Construction | By: Adam Rutjens<br><a href="#">See previous page<br/>for signature</a> | Date: 2.24.2026 | Recommendation:<br><input checked="" type="checkbox"/> <b>Approval</b><br><input type="checkbox"/> <b>Rejection</b><br><input type="checkbox"/> <b>No Recommendation</b> |
|-------------------------------------------------------|-------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

|                     |                  |                 |                                                                                                                                                               |
|---------------------|------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Architect/Engineer: | By: Chris Koenig | Date: 2.25.2026 | Recommendation:<br><input type="checkbox"/> <b>Approval</b><br><input type="checkbox"/> <b>Rejection</b><br><input type="checkbox"/> <b>No Recommendation</b> |
|---------------------|------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

|        |     |       |                                                                                                  |
|--------|-----|-------|--------------------------------------------------------------------------------------------------|
| Owner: | By: | Date: | Action:<br><input type="checkbox"/> <b>Approval</b><br><input type="checkbox"/> <b>Rejection</b> |
|--------|-----|-------|--------------------------------------------------------------------------------------------------|

---

The Contractor is directed to make changes indicated above for the proposed amount and time after Owner approval.  
If allowed by the Contract Documents, this document is considered a fully executed Change Order after Owner approval.

## PROPOSAL REQUEST NO. 1

### CONTROL CONDUCTORS

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Proposal Request No.: 1

Date: **January 23, 2026**

Contract Name and No.: **Columbus Well No. 20 - 10425904**

Contractor: **Rutjens Construction, Inc.**

Other Contracts Involved in Proposed Change: **NA**

TO CONTRACTOR: Please submit a complete Change Proposal (template attached) for the proposed modifications described below. If the associated Change Proposal is approved, a Change Order or allowance authorization will be issued to authorize adjustment so the Contract.

This Proposal Request is not a Change Order, Work Change Directive, Field Order, or an authorization to proceed with the proposed Work described below.

#### SCOPE OF PROPOSED CHANGE(S) IN THE WORK:

1. Submittal 26 32 13.13 for the Diesel-Engine-Driven Generator detailed 6#14 conductors required between the ATS and the generator. These conductors are to be added as part of this proposal request.

Attachments to this Proposal Request:

1. Cost Proposal for Change Proposal No. 1.
2. Plan sheet(s): 20E101, 20E602

Proposal requested by: Scott Schmoker  
HDR (Engineer)

Signature of Requestor: \_\_\_\_\_



1

2

3

4

5

6

7

8

GENERAL NOTES

1.

AREA CLASSIFICATION:  
- OUTSIDE: OUTDOOR, WET.  
- INSIDE: INDOOR, WET.

2.

SEE PROCESS SHEETS FOR EXACT EQUIPMENT LOCATIONS.

3.

FIELD ROUTE CONDUITS TO AVOID OBSTRUCTIONS, OTHER UTILITIES, AND BASED ON FINAL LOCATIONS OF EQUIPMENT AND CONDUIT ENTRY LOCATIONS.

4.

REFER TO MECHANICAL/ELECTRICAL COORDINATION SCHEDULE FOR REQUIREMENTS FOR CONNECTING MECHANICAL EQUIPMENT.

5.

PROVIDE A LIGHTNING PROTECTION SYSTEM IN ACCORDANCE TO SPECIFICATION 28.41.13.

KEYNOTES

#1

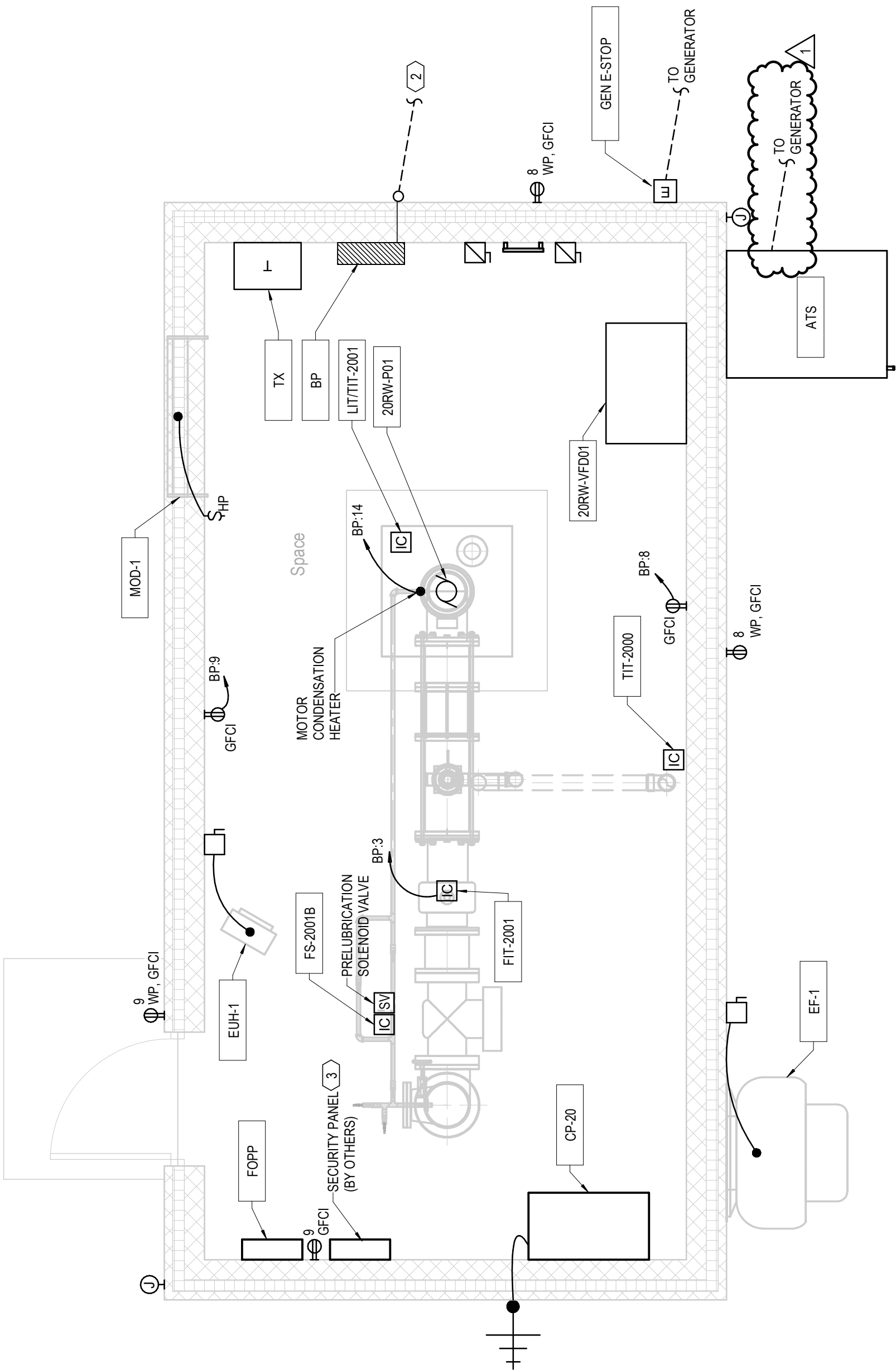
PROVIDE LABEL FOR SWITCH TO INDICATE 'SOUTH EXTERIOR LIGHT'.

#2

PROVIDE THREE 2 IN UNDERGROUND CONDUIT FOR 120V CIRCUITS BETWEEN GENERATOR AND PANEL BP.

#3

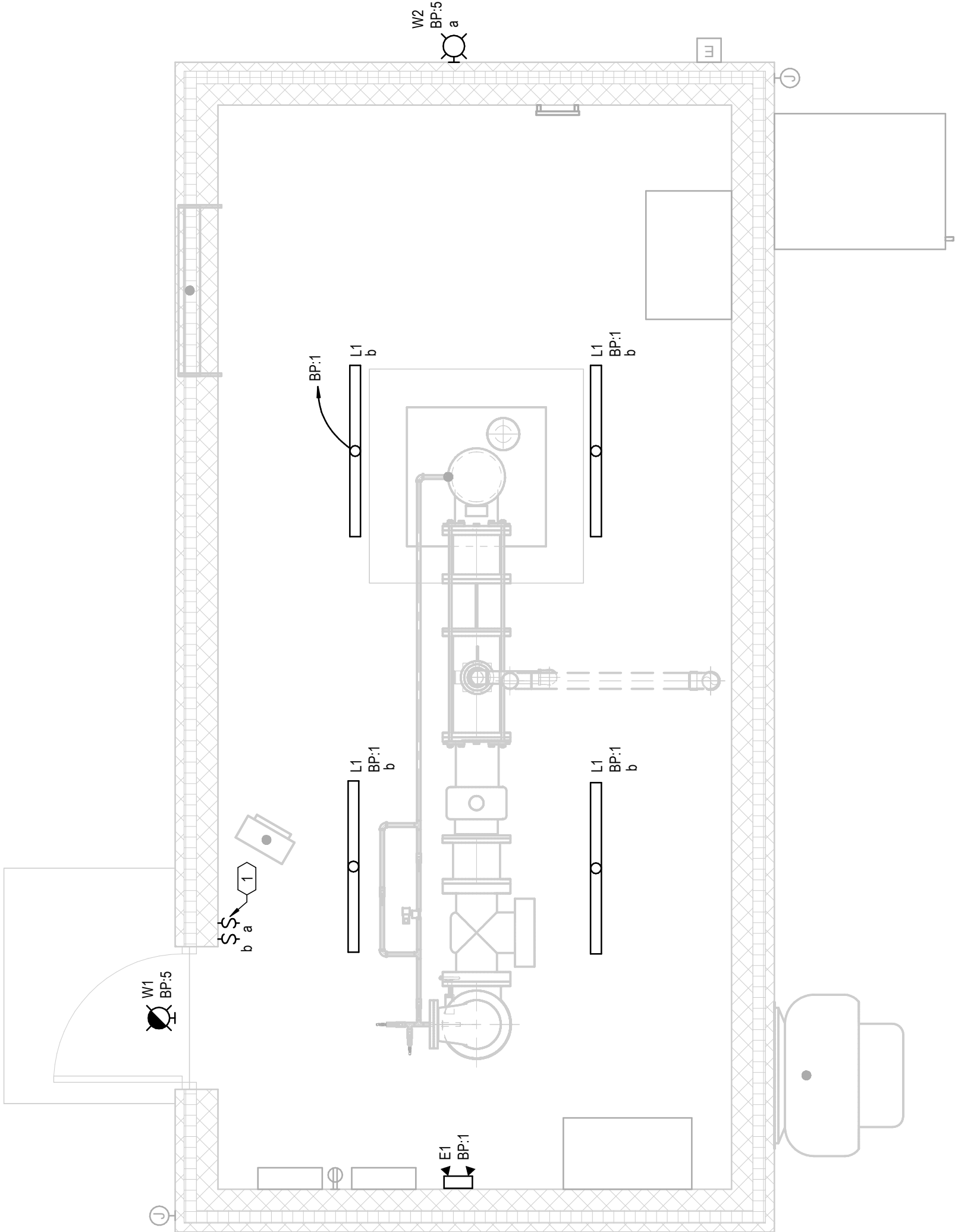
INSTALL 4 IN BY 4 IN JUNCTION BOXES ON BUILDING EXTERIOR WHERE SHOWN. PENETRATE 1" CONDUIT INTO BUILDING ROUTE CONDUIT TO LOCATION OF SECURITY PANEL. SECURITY PANEL BY OTHERS. COORDINATE WITH SECURITY CONTRACTOR.



1

POWER PLAN

3/8" = 1'-0"



2

LIGHTING PLAN

3/8" = 1'-0"

HDR

HDR ENGINEERING, INC. | CA04043AE  
1917 S. 67TH STREET  
OMAHA, NE 68106  
(402) 389-1000

| ISSUE | DATE      | DESCRIPTION        |
|-------|-----------|--------------------|
| 1     | 1-29-2026 | CPR NO. #1         |
|       | 11-7-2025 | CONFORMED DRAWINGS |

| PROJECT MANAGER | C. KOENIG            |
|-----------------|----------------------|
| CIVIL           | S. SCHWOKER          |
| STRUCTURAL      | J. THOMPSON          |
| ARCHITECTURAL   | W. WILSON            |
| PROCESS         | J. ROBERTS           |
| MECHANICAL      | P. KONECK-WILWERDING |
| ELECTRICAL      | J. JACOBS            |
| INSTRUMENTATION | K. ROHLOFF           |
| PROJECT NUMBER  | 10425904             |

THIS DOCUMENT  
WAS ORIGINALLY  
SIGNED ON  
08/15/2025

The City of

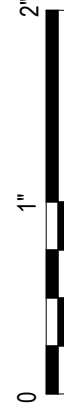
Columbus

WELL NO. 20 DESIGN

6651 33RD AVE. COLUMBUS, NE

ELECTRICAL  
ELECTRICAL PLANS

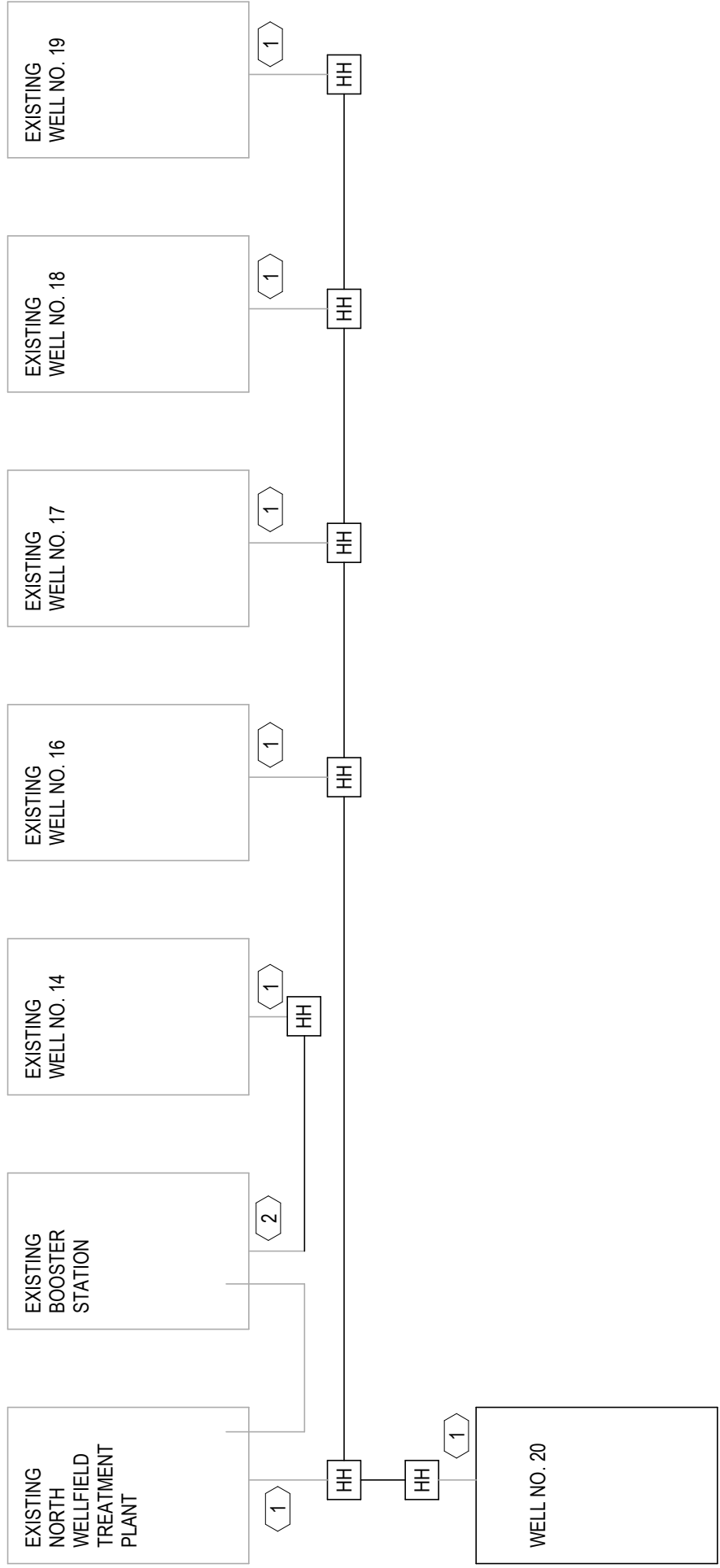
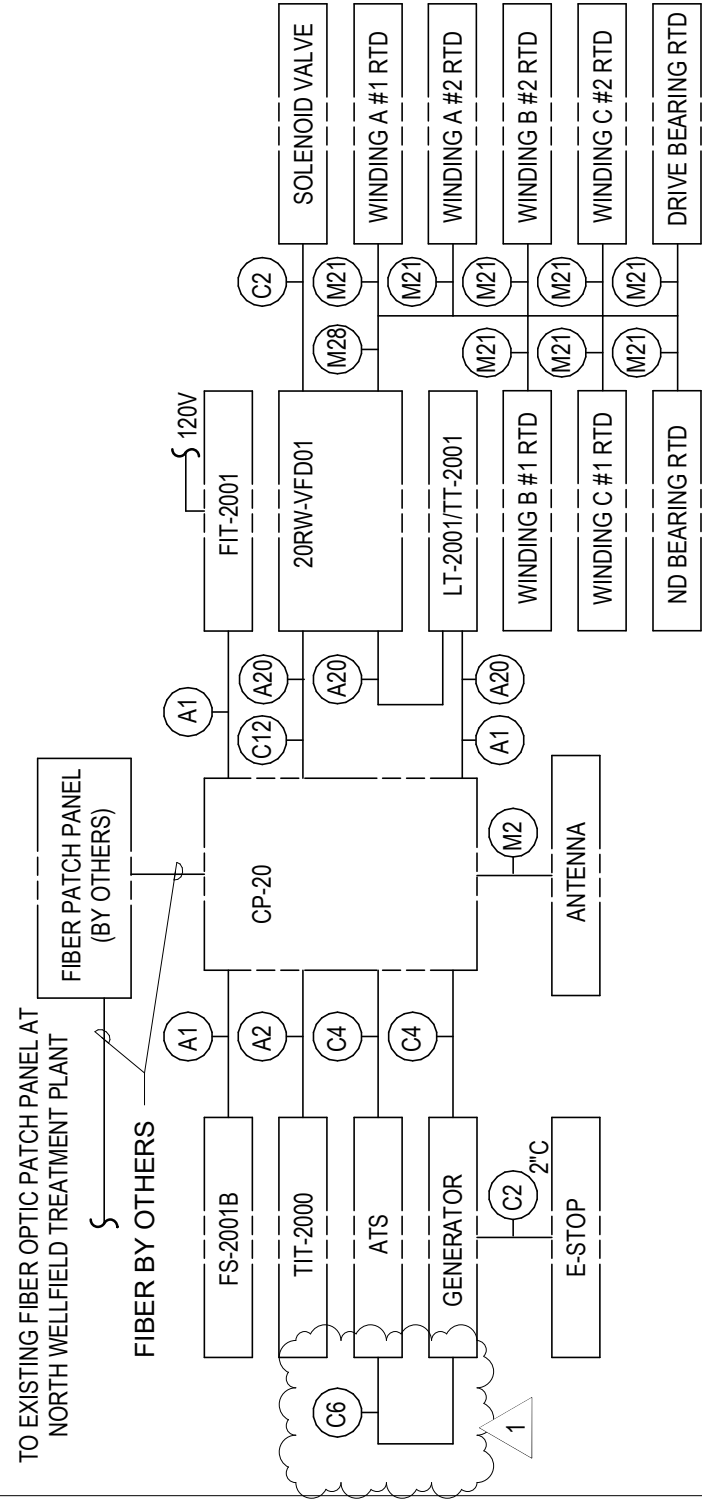
FILENAME | 10425904-05-E-M  
SCALE | 3/8" = 1'-0"  
SHEET | 20E101



| KEYNOTES (##) |                                                                                                                                                                     |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1             | ROUTE CONDUIT TO HANDBOLE. CONDUIT PENETRATION INTO STRUCTURE BY OTHERS.                                                                                            |
| 2             | ROUTE CONDUIT WITHIN FIVE FEET OF EXISTING BUILDING OR STRUCTURE. CONDUIT PENETRATION INTO CONDUIT AND MARK LOCATION. CONDUIT PENETRATION INTO STRUCTURE BY OTHERS. |

| CONDUCTOR AND CONDUIT SCHEDULE CONTROL CIRCUITS |                                                |        |        |        |          |           |        |        |        |
|-------------------------------------------------|------------------------------------------------|--------|--------|--------|----------|-----------|--------|--------|--------|
| DWG MARK                                        | CONDUCTOR                                      | METAL  | PVC    | FLEX   | DWG MARK | CONDUCTOR | METAL  | PVC    | FLEX   |
| C1                                              | 1- #14                                         | 3/4"   | 3/4"   | 3/4"   | C31      | 31- #14   | 1 1/4" | 1 1/4" | 1 1/4" |
| C2                                              | 2- #14                                         | 3/4"   | 3/4"   | 3/4"   | C32      | 32- #14   | 1 1/4" | 1 1/4" | 1 1/4" |
| C3                                              | 3- #14                                         | 3/4"   | 3/4"   | 3/4"   | C33      | 33- #14   | 1 1/4" | 1 1/4" | 1 1/4" |
| C4                                              | 4- #14                                         | 3/4"   | 3/4"   | 3/4"   | C34      | 34- #14   | 1 1/4" | 1 1/4" | 1 1/4" |
| C5                                              | 5- #14                                         | 3/4"   | 3/4"   | 3/4"   | C35      | 35- #14   | 1 1/4" | 1 1/4" | 1 1/4" |
| C6                                              | 6- #14                                         | 3/4"   | 3/4"   | 3/4"   | C36      | 36- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C7                                              | 7- #14                                         | 3/4"   | 3/4"   | 3/4"   | C37      | 37- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C8                                              | 8- #14                                         | 3/4"   | 3/4"   | 3/4"   | C38      | 38- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C9                                              | 9- #14                                         | 3/4"   | 3/4"   | 3/4"   | C39      | 39- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C10                                             | 10- #14                                        | 3/4"   | 3/4"   | 3/4"   | C40      | 40- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C11                                             | 11- #14                                        | 3/4"   | 3/4"   | 3/4"   | C41      | 41- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C12                                             | 12- #14                                        | 3/4"   | 1"     | 3/4"   | C42      | 42- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C13                                             | 13- #14                                        | 3/4"   | 1"     | 3/4"   | C43      | 43- #14   | 1 1/4" | 1 1/2" | 1 1/4" |
| C14                                             | 14- #14                                        | 3/4"   | 1"     | 3/4"   | C44      | 44- #14   | 1 1/2" | 1 1/2" | 1 1/2" |
| C15                                             | 15- #14                                        | 3/4"   | 1"     | 3/4"   | C45      | 45- #14   | 1 1/2" | 1 1/2" | 1 1/2" |
| C16                                             | 16- #14                                        | 1"     | 1"     | 1"     | C46      | 46- #14   | 1 1/2" | 1 1/2" | 1 1/2" |
| C17                                             | 17- #14                                        | 1"     | 1"     | 1"     | C47      | 47- #14   | 1 1/2" | 1 1/2" | 1 1/2" |
| C18                                             | 18- #14                                        | 1"     | 1"     | 1"     | C48      | 48- #14   | 1 1/2" | 1 1/2" | 1 1/2" |
| C19                                             | 19- #14                                        | 1"     | 1"     | 1"     | C49      | 49- #14   | 1 1/2" | 1 1/2" | 1 1/2" |
| C20                                             | 20- #14                                        | 1"     | 1 1/4" | 1"     | C50      | 50- #14   | 1 1/2" | 2"     | 1 1/2" |
| C21                                             | 21- #14                                        | 1"     | 1 1/4" | 1"     | C21      | 51- #14   | 1 1/2" | 2"     | 1 1/2" |
| C22                                             | 22- #14                                        | 1"     | 1 1/4" | 1"     | C52      | 52- #14   | 1 1/2" | 2"     | 1 1/2" |
| C23                                             | 23- #14                                        | 1"     | 1 1/4" | 1"     | C53      | 53- #14   | 1 1/2" | 2"     | 1 1/2" |
| C24                                             | 24- #14                                        | 1"     | 1 1/4" | 1"     | C54      | 54- #14   | 1 1/2" | 2"     | 1 1/2" |
| C25                                             | 25- #14                                        | 1"     | 1 1/4" | 1 1/4" | C55      | 55- #14   | 1 1/2" | 2"     | 1 1/2" |
| C26                                             | 26- #14                                        | 1 1/4" | 1 1/4" | 1 1/4" | C56      | 56- #14   | 1 1/2" | 2"     | 1 1/2" |
| C27                                             | 27- #14                                        | 1 1/4" | 1 1/4" | 1 1/4" | C57      | 57- #14   | 1 1/2" | 2"     | 2"     |
| C28                                             | 28- #14                                        | 1 1/4" | 1 1/4" | 1 1/4" | C58      | 58- #14   | 1 1/2" | 2"     | 2"     |
| C29                                             | 29- #14                                        | 1 1/4" | 1 1/4" | 1 1/4" | C59      | 59- #14   | 1 1/2" | 2"     | 2"     |
| C30                                             | 30- #14                                        | 1 1/4" | 1 1/4" | 1 1/4" | C60      | 60- #14   | 2"     | 2"     | 2"     |
| G                                               | 14x14 GROUND CONDUCTOR WITH CONTROL CONDUCTORS |        |        |        |          |           |        |        |        |

1 WELL NO 20 CONTROL BLOCK DIAGRAM



NOTES:  
ALL NEW COMMUNICATION CONDUIT IS 2" HDPE WITH MAXCELL 3-CELL INNERDUCT WITH PULLSTRINGS.

2 SITE COMMUNICATION CONTROL BLOCK DIAGRAM

| CONDUCTOR AND CONDUIT SCHEDULE INSTRUMENTATION CIRCUITS |            |       |        |        |          |           |       |     |      |
|---------------------------------------------------------|------------|-------|--------|--------|----------|-----------|-------|-----|------|
| DWG MARK                                                | CONDUCTOR  | METAL | PVC    | FLEX   | DWG MARK | CONDUCTOR | METAL | PVC | FLEX |
| A1                                                      | 1-TSP #16  | DRAIN | 3/4"   | 3/4"   | M21      | 1-3C #14  | 3/4"  | 1"  | 1"   |
| A2                                                      | 2-TSP #16  | DRAIN | 3/4"   | 3/4"   | M22      | 2-3C #14  | 3/4"  | 1"  | 1"   |
| A3                                                      | 3-TSP #16  | DRAIN | 3/4"   | 3/4"   | M23      | 3-3C #14  | 3/4"  | 1"  | 1"   |
| A4                                                      | 4-TSP #16  | DRAIN | 1"     | 1 1/4" | M24      | 4-3C #14  | 3/4"  | 1"  | 1"   |
| A5                                                      | 5-TSP #16  | DRAIN | 1"     | 1 1/4" | M25      | 5-3C #14  | 3/4"  | 1"  | 1"   |
| A6                                                      | 6-TSP #16  | DRAIN | 1"     | 1 1/4" | M26      | 6-3C #14  | 3/4"  | 1"  | 1"   |
| A7                                                      | 7-TSP #16  | DRAIN | 1 1/4" | 1 1/4" | M27      | 7-3C #14  | 3/4"  | 1"  | 1"   |
| A8                                                      | 8-TSP #16  | DRAIN | 1 1/2" | 1 1/2" | M28      | 8-3C #14  | 3/4"  | 1"  | 1"   |
| A9                                                      | 9-TSP #16  | DRAIN | 1 1/2" | 1 1/2" | M29      | 9-3C #14  | 3/4"  | 1"  | 1"   |
| A10                                                     | 10-TSP #16 | DRAIN | 1 1/2" | 1 1/2" | M30      | 10-3C #14 | 3/4"  | 1"  | 1"   |
| A11                                                     | 11-TSP #16 | DRAIN | 1 1/2" | 1 1/2" | M31      | 11-3C #14 | 3/4"  | 1"  | 1"   |
| A12                                                     | 12-TSP #16 | DRAIN | 1 1/2" | 1 1/2" | M32      | 12-3C #14 | 3/4"  | 1"  | 1"   |
| A13                                                     | 13-TSP #16 | DRAIN | 2"     | 2"     | M33      | 13-3C #14 | 3/4"  | 1"  | 1"   |
| A14                                                     | 14-TSP #16 | DRAIN | 2"     | 2"     | M34      | 14-3C #14 | 3/4"  | 1"  | 1"   |
| A15                                                     | 15-TSP #16 | DRAIN | 2"     | 2"     | M35      | 15-3C #14 | 3/4"  | 1"  | 1"   |
| A20                                                     | 1-TST #16  | DRAIN | 3/4"   | 3/4"   | M36      | 16-3C #14 | 3/4"  | 1"  | 1"   |
| A21                                                     | 2-TST #16  | DRAIN | 3/4"   | 3/4"   | M37      | 17-3C #14 | 3/4"  | 1"  | 1"   |
| A22                                                     | 3-TST #16  | DRAIN | 1"     | 1"     | M38      | 18-3C #14 | 3/4"  | 1"  | 1"   |
| A23                                                     | 4-TST #16  | DRAIN | 1"     | 1"     | M39      | 19-3C #14 | 3/4"  | 1"  | 1"   |
| A24                                                     | 5-TST #16  | DRAIN | 1 1/4" | 1 1/4" | M40      | 20-3C #14 | 3/4"  | 1"  | 1"   |
| A25                                                     | 6-TST #16  | DRAIN | 1 1/4" | 1 1/4" | M41      | 21-3C #14 | 3/4"  | 1"  | 1"   |

CONDUCTOR AND CONDUIT SCHEDULE NOTES

- ALL MARK NUMBERS MAY NOT BE USED ON THIS PROJECT.
- CONTROL CONDUCTORS IN SAME CONDUIT AS POWER CONDUCTORS
- CONTROL CONDUCTORS IS SEPARATE CONDUIT FROM POWER CONDUCTORS
- TYPE "T" CONDUIT BODY OR OUTLET BOX. PER SPECIFICATIONS CUBIC INCH VOLUME PER NEC. POWER CONDUCTORS CAN BE SPLICED. CONTROL CONDUCTORS AND INSTRUMENTATION CABLES SHALL BE UNSPLICED.
- GROUND CONDUCTOR IN SAME CONDUIT AS CONTROL CONDUCTOR
- MULTIPLE MULTICONDUCTOR CABLES IN SAME CONDUIT. REQUIRED CONDUIT SIZE INDICATED.
- JUNCTION BOX. SIZED PER NEC. TYPE PER SPECIFICATIONS. USE TERMINAL BLOCKS FOR SPLICES IN CONTROL J-BOXES. INSTRUMENTATION J-BOXES SHALL BE USED AS PULL BOXES. CABLES SHALL NOT BE SPLICED.

THIS DOCUMENT  
WAS ORIGINALLY  
SIGNED ON  
08/15/2025

The City of  
**Columbus**  
WELL NO. 20 DESIGN

6651 33RD AVE. COLUMBUS, NE

ELECTRICAL  
CONTROL BLOCK DIAGRAMS



**FDR**

FDR ENGINEERING, INC. | CA0493AE  
1917 S. 67TH STREET  
OMAHA, NE 68106  
(402) 389-1000

| PROJECT MANAGER |                       | C. KOENIG  |             |
|-----------------|-----------------------|------------|-------------|
| CIVIL           | S. SCHWOKER           | STRUCTURAL | J. THOMPSON |
| ARCHITECTURAL   | W. WILSON             | PROCESS    | J. ROBERTS  |
| MECHANICAL      | P. KONECKA-WILWERDING | ELECTRICAL | J. JACOBS   |
| INSTRUMENTATION | K. ROHLOFF            |            |             |
| PROJECT NUMBER  |                       | 10425904   |             |

| ISSUE | DATE      | DESCRIPTION        |
|-------|-----------|--------------------|
| 1     | 1-26-2026 | CRP NO. #1         |
|       | 11-7-2025 | CONFORMED DRAWINGS |

## CHANGE PROPOSAL NO. 2

### ADDITIONAL FIBER HAND HOLES AND CONDUIT INTO STRUCTURES

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Change Proposal No. 2

Date: **February 20, 2026**

Submitted in Response to Proposal Request No. 2

Contractor Name and No.: **Columbus Well No. 20 - 10425904**

Contractor: **Rutjens Construction, Inc.**

Subject: **Proposal Request No. 2, fiber conduit into structures and additional fiber hand holes.**

The following changes to the Contract as described below are proposed.

#### SCOPE OF PROPOSED CHANGE TO CONTRACT:

1. Proposal Request No. 2 – Route fiber conduit into all eight structures and add Fiber Hand Holes at Water Treatment Plant building and Booster Station building.

#### JUSTIFICATION:

1. Keynotes call for conduit into building by others. Installing the conduit at this time is beneficial for coordination and efficiency purposes.
2. The Electrical sheets do not call for a hand hole on the south side of the treatment plan or the east side of the booster building which will be needed to route conduit into these structures.

#### PROPOSED CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

We propose that the Contract Price and Contract Times be changed as follows:

***For Contract Price, attach detailed cost breakdowns for Contractor and Subcontractors, Supplier quotations, and other information required.***

***For the Contract Times, state increase, decrease, or no change to Contract Times for Substantial Completion, readiness for final payment, and Milestones, if any. If increase or decrease, state specific number of days for changes to the Contract Times. Submit supporting data, including time impact analysis for the Progress Schedule.***

| Description                       | Amount             | Contract Times (days) |          |
|-----------------------------------|--------------------|-----------------------|----------|
|                                   |                    | Substantial           | Final    |
| 1. Materials                      | \$5,423.80         | 0                     | 0        |
| 3. Labor                          | \$5,733.20         | 0                     | 0        |
| 4. Contractor Bond/Markup         | \$557.85           | 0                     | 0        |
| <b>Total This Change Proposal</b> | <b>\$11,714.85</b> | <b>0</b>              | <b>0</b> |

Changes to Milestones, if any: NA

Contractor represents that supporting data attached to this Change Proposal are accurate and complete. The requested time or price adjustment indicated in this Change Proposal is the entire adjustment to which Contractor believes it is entitled as a result of the proposed change(s) indicated herein.

Change Proposal by (Contractor): **Adam Rutjens, Rutjens Construction**

Signature of Proposer: \_\_\_\_\_



## CPR

|                 |                         |          |           |
|-----------------|-------------------------|----------|-----------|
| PROJECT NAME:   | Columbus Well 20 Design | DATE:    | 2.20.2026 |
| PROJECT NUMBER: | 10425904                |          |           |
| SUBJECT:        | Proposal Request No. 2  | CPR NO.: | 002       |

---

DESCRIPTION OF CHANGE: Route fiber conduit into 8 structures and add two hand holes per Proposal Request No. 2

---

All Work shall be in accordance with the terms, stipulations and conditions of original Contract Documents.

---

Time Change (Calendar Days): 0  
Amount: \$11,714.85

---

|                               |     |       |                                                     |
|-------------------------------|-----|-------|-----------------------------------------------------|
| Construction Mgr./Contractor: | By: | Date: | Recommendation:                                     |
| Rutjens Construction          |     |       | <input checked="" type="checkbox"/> <b>Approval</b> |
|                               |     |       | <input type="checkbox"/> <b>Rejection</b>           |
|                               |     |       | <input type="checkbox"/> <b>No Recommendation</b>   |

---

|                     |                  |                 |                                                     |
|---------------------|------------------|-----------------|-----------------------------------------------------|
| Architect/Engineer: | By: Chris Koenig | Date: 2.20.2026 | Recommendation:                                     |
|                     |                  |                 | <input checked="" type="checkbox"/> <b>Approval</b> |
|                     |                  |                 | <input type="checkbox"/> <b>Rejection</b>           |
|                     |                  |                 | <input type="checkbox"/> <b>No Recommendation</b>   |

---

|        |     |       |                                           |
|--------|-----|-------|-------------------------------------------|
| Owner: | By: | Date: | Action:                                   |
|        |     |       | <input type="checkbox"/> <b>Approval</b>  |
|        |     |       | <input type="checkbox"/> <b>Rejection</b> |

---

The Contractor is directed to make changes indicated above for the proposed amount and time after Owner approval.  
If allowed by the Contract Documents, this document is considered a fully executed Change Order after Owner approval.



Remit To:  
Echo Group, Inc.  
PO Box 336  
Council Bluffs, IA 51502

ECHO ELECTRIC SUPPLY BR 03 SNNE  
700 OMAHA AVE  
NORFOLK, NE 68701-5877  
Phone 402-371-2928  
Fax 402-371-2323

## Quotation

| EXPIRATION DATE                                                                                                | QUOTE NUMBER |
|----------------------------------------------------------------------------------------------------------------|--------------|
| 01/26/2026                                                                                                     | S011582929   |
| ECHO ELECTRIC SUPPLY BR 03 SNNE<br>700 OMAHA AVE<br>NORFOLK, NE 68701-5877<br>402-371-2928<br>Fax 402-371-2323 |              |
| PAGE NO.<br>1 of 1                                                                                             |              |

QUOTE TO:

SHIP TO:

COMMONWEALTH ELECTRIC  
472 26TH AVE  
COLUMBUS, NE 68601-6625

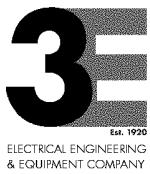
COMMONWEALTH ELECTRIC  
472 26TH AVE  
COLUMBUS, NE 68601-6625

| CUSTOMER NUMBER                                                                                     | CUSTOMER PO NUMBER                                                                  | ORDERED BY         | SALESPERSON        |
|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------|--------------------|
| 45485                                                                                               | 233360                                                                              | Chase Lovell       | Tim Bates 27 SGNE  |
| WRITER                                                                                              | SHIP VIA                                                                            | TERMS              | SHIP DATE          |
| Brandon Miller 03 SNNE                                                                              | ECHO-TRUCK                                                                          | 2% 10TH NET EOM    | 01/12/2026         |
| ORDER QTY                                                                                           | DESCRIPTION                                                                         | UNIT PRICE         | EXT PRICE          |
|  2 <del>6EA</del>  | QUA PG2436BA24<br>QUA 24X36X24 BOX OPEN BOTTOM<br><br>MFR Spec Sheet                | 945.460/EA         | <del>5672.76</del> |
|  2 <del>6EA</del> | QUA PG2436CA0012 (TIER 8)<br>QUA COVER 24X36 "COMMUNICATIONS"<br><br>MFR Spec Sheet | 442.890/EA         | <del>2657.34</del> |
|                                                                                                     |                                                                                     | Total<br>\$2776.80 |                    |

### This is a Quotation.

All transactions are subject to and exclusively governed by our Terms and Conditions of Sale, which are incorporated herein and available at: <https://www.echogroupinc.com/content/terms.htm>. Additional or conflicting terms are rejected, void, and of no force or effect. Tax is not included unless stated.

|             |                             |
|-------------|-----------------------------|
| Subtotal    | \$2776.8 <del>8330.10</del> |
| S&H Charges | 0.00                        |
| Amount Due  | <del>8330.10</del>          |



**ELECTRICAL ENGINEERING & EQUIPMENT CO.**  
 418 23RD STREET  
 COLUMBUS, NE68601  
 (402)562-6042 FAX (402)562-6036  
 www.3e-co.com

# QUOTE

CUST.#: 110941  
 SHIP TO: COMMONWEALTH ELECTRIC  
 ADM  
 3000 E 8TH ST  
 COLUMBUS, NE 68601-6625

BILL TO: COMMONWEALTH ELECTRIC  
 472 26TH AVENUE  
 COLUMBUS, NE 68601-6625

CORRESPONDENCE TO: Electrical Engineering & Equip  
 953 73RD ST  
 WINDSOR HEIGHTS, IA 50324-1031

| TAKEN BY      | QUOTE DATE | QUOTE NO.  |
|---------------|------------|------------|
| bkru          | 02/18/26   | 9092747-00 |
| P.O. NO.      |            | PAGE #     |
| WELL#20 ADDED |            | 1          |
| PLACED BY     |            |            |

| INSTRUCTIONS  | REFERENCE |         | CASH DISCOUNT: |
|---------------|-----------|---------|----------------|
|               |           |         |                |
| SHIP POINT    | SHIP VIA  | SHIPPED | IF PAID BY:    |
| 3E - COLUMBUS | 3E TRUCK  |         |                |

| LINE NO. | PRODUCT AND DESCRIPTION                                 | QUANTITY ORDERED  | QUANTITY B.O. | QTY. SHIPPED | QTY. U/M    | NET PRICE                   | AMOUNT (NET) |
|----------|---------------------------------------------------------|-------------------|---------------|--------------|-------------|-----------------------------|--------------|
| 1        | ECN RIG ELL 90D 200<br>2 RIG GALV 90 ELBOW              | 16                |               | 16           | C           | 2897.94                     | 463.67       |
| 2        | PVC E942J<br>2 IN SCH 40 FEMALE ADPT                    | 32                |               | 32           | C           | 107.63                      | 34.44        |
| 3        | COND RIG 200<br>2 IN RIGID CONDUIT                      | 20                |               | 20           | C           | 1094.95                     | 218.99       |
| 4        | COND PVC SCH80 200<br>49411 2 IN SCH 80 PVC CONDUIT     | 20                |               | 20           | C           | 156.95                      | 31.39        |
| 5        | KIL OLB-6M<br>2IN MALL LB COND BODY DURALOY 5 SERIES    | 8                 |               | 8            | E           | 56.24                       | 449.92       |
| 6        | ARL 994N<br>2 IN COND GASKET<br>GK200-N                 | 8                 |               | 8            | C           | 29.25                       | 2.34         |
| 7        | KIL OL-60M<br>2IN STEEL COND BDY COVER DURALOY 5 SERIES | 8                 |               | 8            | E           | 10.08                       | 80.64        |
| 8        | APP XJ2004<br>2 IN EXPANSION CPLG                       | 8                 |               | 8            | E           | 170.71                      | 1365.68      |
| 8        | Lines Total                                             | Qty Shipped Total |               | 120          | Total Taxes | 2647.07<br>TO BE DETERMINED |              |

Last Page

THIS IS NOT AN OFFER TO CONTRACT, BUT MERELY A QUOTATION OF CURRENT PRICES FOR YOUR CONVENIENCE AND INFORMATION. ORDERS BASED ON THIS QUOTATION ARE SUBJECT TO YOUR ACCEPTANCE OF THE TERMS AND CONDITIONS LOCATED AT SALES.OUR-TERMS.COM, WHICH WE MAY CHANGE FROM TIME TO TIME WITHOUT PRIOR NOTICE. WE MAKE NO REPRESENTATION WITH RESPECT TO COMPLIANCE WITH JOB SPECIFICATIONS.

## PROPOSAL REQUEST NO. 2

### ADDITIONAL FIBER HAND HOLES AND CONDUIT INTO STRUCTURES

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Proposal Request No. 2

Date: **February 20, 2026**

Contract Name and No.: **Columbus Well No. 20 - 10425904**

Contractor: **Rutjens Construction, Inc.**

Other Contracts Involved in Proposed Change: **NA**

TO CONTRACTOR: Please submit a complete Change Proposal (template attached) for the proposed modifications described below. If the associated Change Proposal is approved, a Change Order or allowance authorization will be issued to authorize adjustment so the Contract.

This Proposal Request is not a Change Order, Work Change Directive, Field Order, or an authorization to proceed with the proposed Work described below.

#### SCOPE OF PROPOSED CHANGE(S) IN THE WORK:

1. Route Conduit into the six well house buildings and into the Water Treatment Plant (WTP) building and into the Booster Station building.
2. Add a hand hole on the south side of the WTP building and add hand hole on the east side of the Booster Station building.

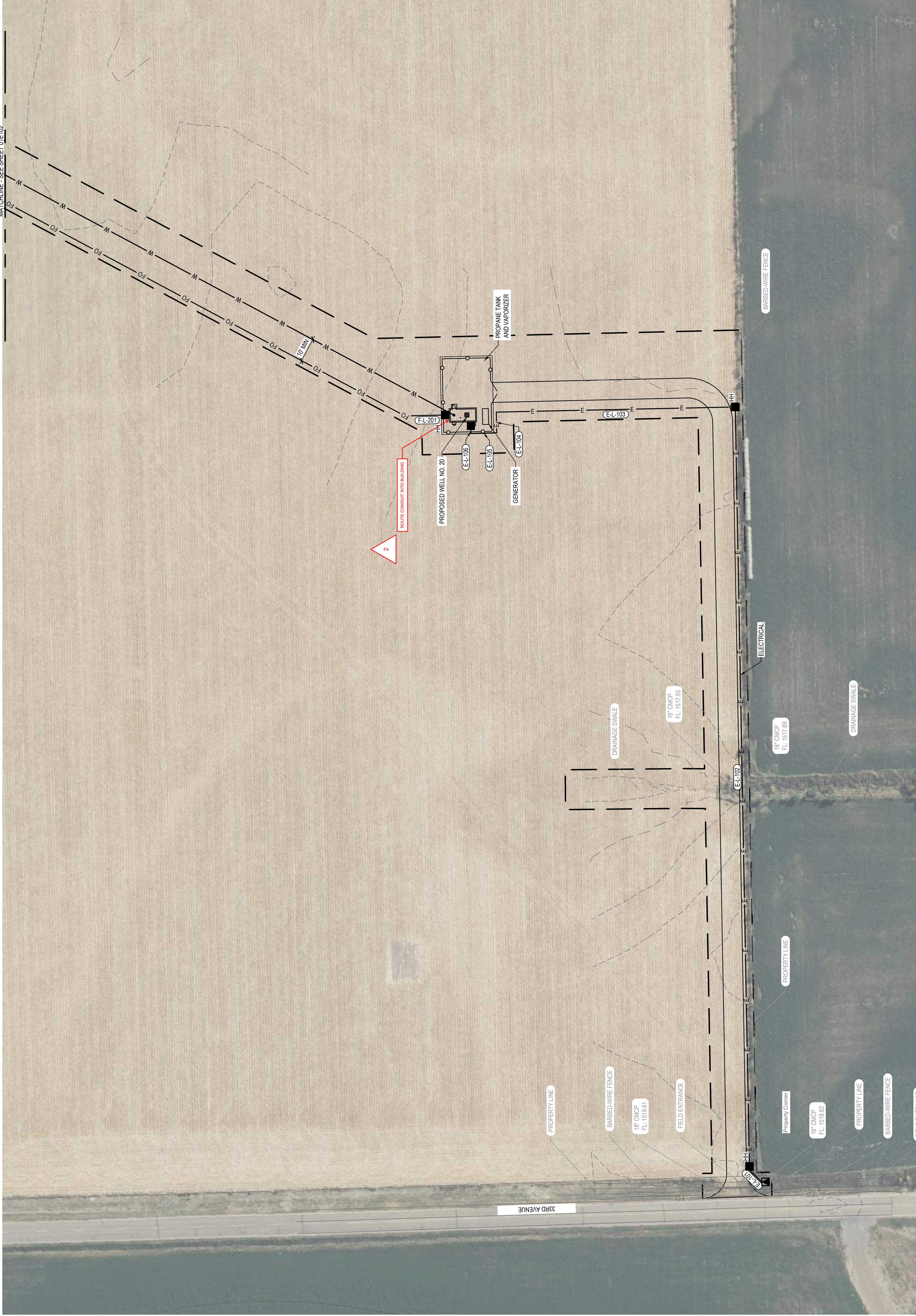
Attachments to this Proposal Request:

1. Plan sheet(s): 01E101 through 01E105 revised to show conduit into structures and two additional hand holes.

Proposal requested by: Scott Schmoker  
HDR (Engineer)



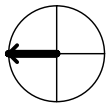
Signature of Requestor: \_\_\_\_\_



| ALIGNMENT LINE TABLE |               |         |               |                             |                             |  |
|----------------------|---------------|---------|---------------|-----------------------------|-----------------------------|--|
| LINE NO.             | ALIGNMENT     | LENGTH  | DIRECTION     | START POINT                 | END POINT                   |  |
| E-L-101              | ELECTRICAL    | 17.07'  | N43° 54' 33"E | N 609158.15<br>E 2361282.81 | N 609170.44<br>E 2361294.65 |  |
| E-L-102              | ELECTRICAL    | 767.34' | N88° 56' 05"E | N 609170.44<br>E 2361294.65 | N 609164.71<br>E 236206.166 |  |
| E-L-103              | ELECTRICAL    | 240.29' | N01° 41' 16"W | N 609164.71<br>E 236206.166 | N 609424.48<br>E 2362056.67 |  |
| E-L-104              | ELECTRICAL    | 207.9'  | S88° 42' 43"W | N 609424.48<br>E 2362056.67 | N 609424.48<br>E 2362055.88 |  |
| E-L-105              | ELECTRICAL    | 25.86'  | N01° 19' 12"W | N 609424.48<br>E 2362055.88 | N 609430.33<br>E 2362035.29 |  |
| E-L-106              | ELECTRICAL    | 3.71'   | N88° 40' 48"E | N 609430.33<br>E 2362035.29 | N 609450.41<br>E 2362038.99 |  |
| F-L-201              | FIBER OPTIC 1 | 44.71'  | N01° 19' 12"W | N 609472.10<br>E 2362063.88 | N 609516.80<br>E 2362062.85 |  |

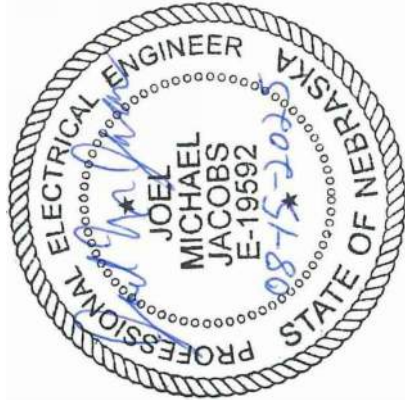
## **GENERAL NOTES**

1. FURNISH AND INSTALL 2" HDPE SDR 11 CONDUIT FOR FIBER OPTIC ROUTES BETWEEN EXISTING TREATMENT PLANT AND PUMP STATION #20. POPULATE WITH MAXCELL 3 CELL INNERDUCT.
2. PLACE COMMUNICATION HANDHOLES WITHIN 5 FEET OF WELL PUMP BUILDING. CONDUIT ROUTING FROM HANDHOLE TO BUILDINGS BY OTHERS.



MATCHLINE - SEE SHEET 01E102.

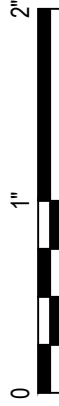
# ELECTRICAL SITE PLAN



*The City of* **Columbus**   
**WELL NO. 20 DESIGN**

**6651 33RD AVE. COLUMBUS, NE**

|          |                    |
|----------|--------------------|
| FILENAME | 10425904-E-101.dwg |
| SCALE    | 1" = 50'           |



**SHEET**  
**01E101**



| ALIGNMENT LINE TABLE |               |         |               |                             |                             |
|----------------------|---------------|---------|---------------|-----------------------------|-----------------------------|
| LINE NO              | ALIGNMENT     | LENGTH  | DIRECTION     | START POINT                 | END POINT                   |
| F-L-302              | FIBER OPTIC 1 | 954.12' | N28° 09' 24"E | N 609516.80<br>E 2362052.85 | N 610358.01<br>E 2362303.09 |
| F-L-303              | FIBER OPTIC 1 | 240.11' | N61° 50' 44"W | N 610358.01<br>E 2362503.09 | N 610471.31<br>E 2362291.39 |
| F-L-301              | FIBER OPTIC 2 | 148.79' | N02° 02' 41"W | N 610471.32<br>E 2362291.39 | N 610620.01<br>E 2362286.08 |
| F-L-302              | FIBER OPTIC 2 | 60.21'  | N85° 56' 37"E | N 610571.67<br>E 2362332.51 | N 610675.95<br>E 2362392.57 |
| F-L-303              | FIBER OPTIC 2 | 267.62' | S61° 17' 04"E | N 610539.78<br>E 2362357.93 | N 610511.20<br>E 2362792.63 |
| F-L-304              | FIBER OPTIC 2 | 63.54'  | S22° 11' 44"W | N 610511.20<br>E 2362792.63 | N 610452.37<br>E 2362768.63 |
| F-L-305              | FIBER OPTIC 2 | 85.82'  | N71° 21' 19"E | N 610452.37<br>E 2362768.63 | N 610479.81<br>E 2362849.95 |
| F-L-306              | FIBER OPTIC 2 | 458.70' | S61° 17' 04"E | N 610479.81<br>E 2362849.95 | N 610259.42<br>E 2363252.23 |

| ALIGNMENT CURVE TABLE |               |               |         |         |              |
|-----------------------|---------------|---------------|---------|---------|--------------|
| CURVE NO.             | ALIGNMENT     | Δ             | RADIUS  | TANGENT | CHORD LENGTH |
| F-C-301               | FIBER OPTIC 2 | 087°59'18.03" | 50.00'  | 48.27'  | 76.78'       |
| F-C-302               | FIBER OPTIC 2 | 032°46'19.11" | 300.00' | 88.22'  | 171.59'      |
| F-C-303               | FIBER OPTIC 2 | 012°02'31.95" | 350.00' | 36.92'  | 73.56'       |

- GENERAL NOTES
1. FURNISH AND INSTALL 2" HDPE SDR 11 CONDUIT FOR FIBER OPTIC ROUTES BETWEEN EXISTING TREATMENT PLANT AND EXISTING PUMP STATIONS. POPULATE WITH MAXCELL 3 CELL INNERDUCT.

2. FURNISH AND INSTALL 2" HDPE SDR 11 CONDUIT FOR FIBER OPTIC ROUTES BETWEEN EXISTING TREATMENT PLANT AND PUMP STATION #20. POPULATE WITH MAXCELL 3 CELL INNERDUCT.

3. PLACE COMMUNICATION HANDHOLES WITHIN 5 FEET OF WELL PUMP BUILDING. CONDUIT ROUTING FROM HANDHOLE TO BUILDINGS BY OTHERS.
- KEYNOTES (#)
1. INSTALL 4" X 4" JUNCTION BOXES ON BUILDING EXTERIOR WHERE SHOWN. PENETRATE CONDUIT INTO BUILDING. ROUTE CONDUIT TO LOCATION OF SECURITY PANEL. INSTALL GROUND RECEPTACLE FOR SECURITY PANEL. ELECTRICAL PANELS TO BE PROVIDED BY OTHERS. COORDINATE WITH SECURITY CONTRACTOR.



The City of

Columbus

WELL NO. 20 DESIGN

6651 33RD AVE. COLUMBUS, NE

ELECTRICAL SITE PLAN

FILENAME | 10425904-E-101.dwg

SCALE | 1" = 50'

0 1' 2'



|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|

- |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|

- |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|



|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|





### GENERAL NOTES

- FURNISH AND INSTALL 2" HDPE SDR 11 CONDUIT FOR FIBER OPTIC ROUTES BETWEEN EXISTING TREATMENT PLANT AND EXISTING PUMP STATIONS. POPULATE WITH MAXCELL 3 CELL INNERDUCT.
- PLACE COMMUNICATION HANDHOLES WITHIN 5 FEET OF WELL PUMP BUILDING CONDUIT ROUTING FROM HANDHOLE TO BUILDING BY OTHERS.

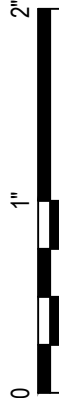
### KEYNOTES (#)

- INSTALL 4" X 4" JUNCTION BOXES ON BUILDING EXTERIOR WHERE SHOWN. PENETRATE CONDUIT INTO BUILDING. ROUTE CONDUIT TO LOCATION OF SECURITY PANEL. INSTALL GPO RECEPTACLE FOR SECURITY PANEL. SECURITY PANELS TO BE PROVIDED BY OTHERS. COORDINATE WITH SECURITY CONTRACTOR.

| ALIGNMENT LINE TABLE |               |         |               |                             |                             |
|----------------------|---------------|---------|---------------|-----------------------------|-----------------------------|
| LINE NO.             | ALIGNMENT     | LENGTH  | DIRECTION     | START POINT                 | END POINT                   |
| F-L-312              | FIBER OPTIC 2 | 902.69' | S86° 03' 27"E | N 610115.41<br>E 2365597.14 | N 610053.35<br>E 2365597.14 |
| F-L-313              | FIBER OPTIC 2 | 92.84'  | S43° 35' 20"E | N 610053.35<br>E 2365597.14 | N 609886.10<br>E 2365603.16 |

### ELECTRICAL SITE PLAN

FILENAME | 10425904-E-101.dwg  
SCALE | 1" = 50'



SHEET  
01E104

The City of  
**Columbus**

WELL NO. 20 DESIGN

6651 33RD AVE. COLUMBUS, NE



| PROJECT MANAGER |                       | C. KOENIG |
|-----------------|-----------------------|-----------|
| CIVIL           | S. SCHWOKER           |           |
| STRUCTURAL      | J. THOMPSON           |           |
| ARCHITECTURAL   | W. WILSON             |           |
| PROCESS         | J. ROBERTS            |           |
| MECHANICAL      | P. KONECK-WILLWERDING |           |
| ELECTRICAL      | J. JACOBS             |           |
| INSTRUMENTATION | K. ROHLOFF            |           |
| PROJECT NUMBER  |                       | 10425904  |

| ISSUE | DATE      | DESCRIPTION                                     |
|-------|-----------|-------------------------------------------------|
| 2     | 2.10.2026 | COR NO. 2 - FIBER CONDUIT AND HAND HOLE CHANGES |
| A     | 8-27-2025 | ISSUED FOR BID                                  |

**HDR**  
HDR ENGINEERING, INC. | CA0443AE  
1917 S. 67TH STREET  
OMAHA, NE 68106  
(402) 389-1000





## CHANGE PROPOSAL NO. 3

### WELL CASING DI-ELECTRIC COUPLING

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Change Proposal No.: 3

Date: 2.19.2026

Submitted in Response to Proposal Request No.: 3

Contractor Name and No.: Columbus Well No. 20 - 10425904

Contractor: Rutjens Construction, Inc.

Subject: Proposal Request No. 3 – Well Screen Di-Electric Coupling

The following changes to the Contract as described below are proposed.

#### SCOPE OF PROPOSED CHANGE TO CONTRACT:

1. Proposal Request No. 3 – Provide and install dielectric coupler at the transition between well casing and well screen.

#### JUSTIFICATION:

1. Provides protection against galvanic corrosion at the transition between well casing and well screen.

#### PROPOSED CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

We propose that the Contract Price and Contract Times be changed as follows:

***For Contract Price, attach detailed cost breakdowns for Contractor and Subcontractors, Supplier quotations, and other information required.***

***For the Contract Times, state increase, decrease, or no change to Contract Times for Substantial Completion, readiness for final payment, and Milestones, if any. If increase or decrease, state specific number of days for changes to the Contract Times. Submit supporting data, including time impact analysis for the Progress Schedule.***

| Description                       | Amount             | Contract Times (days) |          |
|-----------------------------------|--------------------|-----------------------|----------|
|                                   |                    | Substantial           | Final    |
| 1. Control Conductors             | \$24,910           | 0                     | 0        |
| <b>Total This Change Proposal</b> | <b>\$24,910.00</b> | <b>0</b>              | <b>0</b> |

Changes to Milestones, if any: \_\_\_\_\_

Contractor represents that supporting data attached to this Change Proposal are accurate and complete. The requested time or price adjustment indicated in this Change Proposal is the entire adjustment to which Contractor believes it is entitled as a result of the proposed change(s) indicated herein.

Change Proposal by (Contractor): Rutjens Construction

Signature of Proposer: See attached page for Contractor signature



**CPR**

|                 |                                                             |          |          |
|-----------------|-------------------------------------------------------------|----------|----------|
| PROJECT NAME:   | Columbus Well 20 Design                                     | DATE:    | 2/9/2026 |
| PROJECT NUMBER: | 10425904                                                    |          |          |
| SUBJECT:        | Proposal Request No.3 - Well<br>Screen Di-Electric Coupling | CPR NO.: | 003      |

---

DESCRIPTION OF CHANGE:1-24" Dielectric Coupling. 9'-24" x.375" 304 Stainless Steel Casing

---

All Work shall be in accordance with the terms, stipulations and conditions of original Contract Documents.

---

Time Change (Calendar Days): 0  
Amount: \$24,910.00

---

|                                                       |                                                                                       |               |                                                                                                                                                                          |
|-------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Construction Mgr./Contractor:<br>Rutjens Construction | By:  | Date:2/9/2026 | Recommendation:<br><input checked="" type="checkbox"/> <b>Approval</b><br><input type="checkbox"/> <b>Rejection</b><br><input type="checkbox"/> <b>No Recommendation</b> |
|-------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

|                     |                  |                |                                                                                                                                                                          |
|---------------------|------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Architect/Engineer: | By: Chris Koenig | Date:2.19.2026 | Recommendation:<br><input checked="" type="checkbox"/> <b>Approval</b><br><input type="checkbox"/> <b>Rejection</b><br><input type="checkbox"/> <b>No Recommendation</b> |
|---------------------|------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

|        |     |       |                                                                                                  |
|--------|-----|-------|--------------------------------------------------------------------------------------------------|
| Owner: | By: | Date: | Action:<br><input type="checkbox"/> <b>Approval</b><br><input type="checkbox"/> <b>Rejection</b> |
|--------|-----|-------|--------------------------------------------------------------------------------------------------|

---

The Contractor is directed to make changes indicated above for the proposed amount and time after Owner approval.  
If allowed by the Contract Documents, this document is considered a fully executed Change Order after Owner approval.

**PROPOSAL REQUEST NO. 3**  
**WELL SCREEN DI-ELECTRIC COUPLING**

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Proposal Request No.: 3

Date: **February 05, 2026**

Contract Name and No.: **Columbus Well No. 20 - 10425904**

Contractor: **Rutjens Construction, Inc.**

Other Contracts Involved in Proposed Change: **NA**

TO CONTRACTOR: Please submit a complete Change Proposal (template attached) for the proposed modifications described below. If the associated Change Proposal is approved, a Change Order or allowance authorization will be issued to authorize adjustment to the Contract.  
This Proposal Request is not a Change Order, Work Change Directive, Field Order, or an authorization to proceed with the proposed Work described below.

**SCOPE OF PROPOSED CHANGE(S) IN THE WORK:**

1. Provide and install a dielectric coupler at the transition between the carbon steel well casing and the stainless steel well screen, located at approximately 115 feet below ground surface. Replace the 24-inch diameter, 0.50-inch-thick carbon steel well casing with 24-inch diameter, 0.375-inch-thick stainless steel well casing between 135 and 144 feet below ground surface. See attached Figure CPR01-20D101.

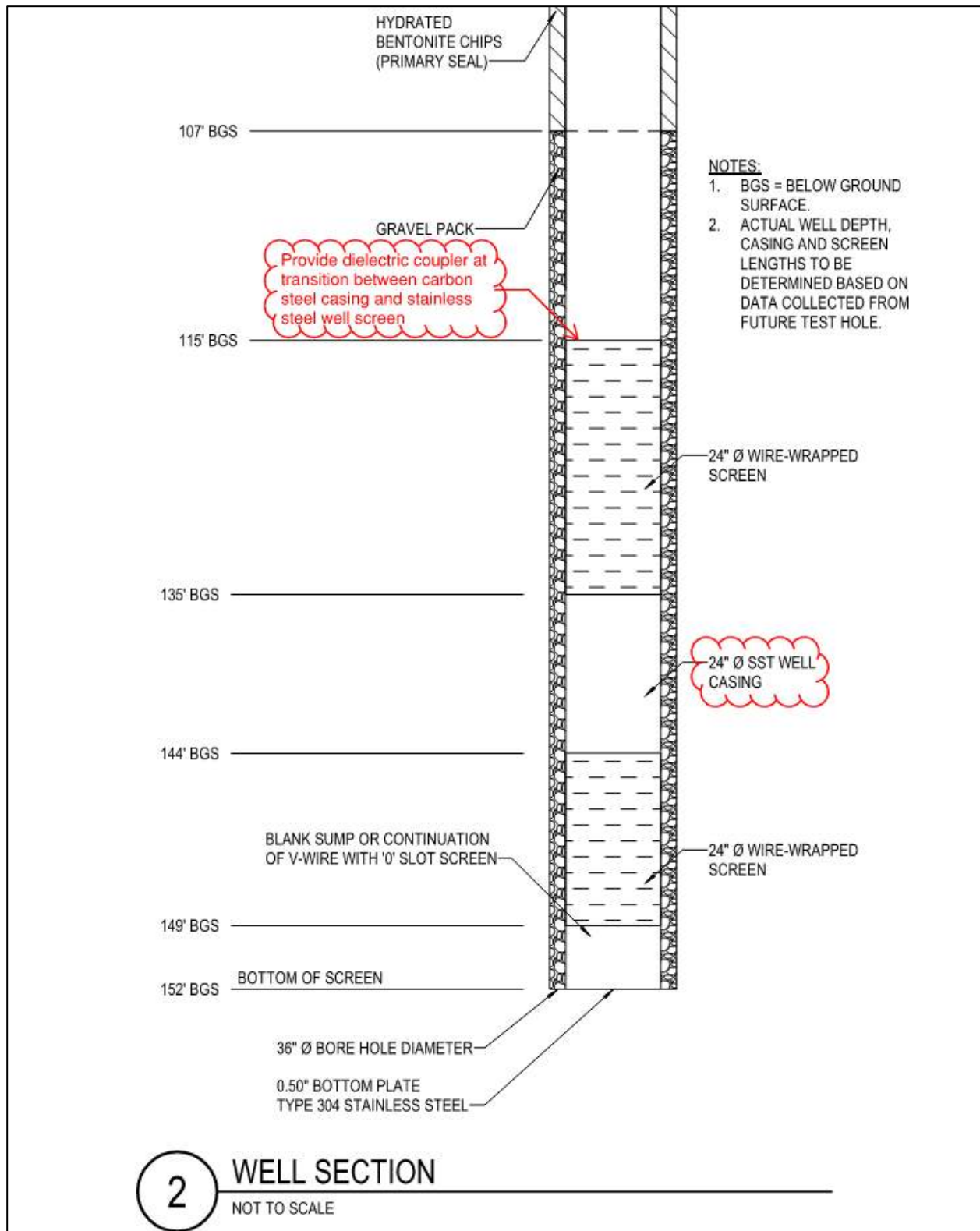
Attachments to this Proposal Request:

1. Figure 20D101 – Proposal Request No. 3
2. Change Proposal No. 3.

Proposal requested by: Scott Schmoker / Joseph Roberts  
HDR (Engineer)



Signature of Requestor: \_\_\_\_\_



Proposal Request 03 – Figure 20D101

## CHANGE PROPOSAL NO. 4

### 2" HDPE CONDUIT AND PLYWOOD DATA RACK MOUNTING BOARDS

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Change Proposal No. 4

Date: **3.23.2026**

Submitted in Response to Proposal Request No. NA

Contractor Name and No.: **Columbus Well No. 20 - 10425904**

Contractor: **Rutjens Construction, Inc.**

Subject: **2" HDPE Conduit under drive from handhole to WTP and Plywood Data Rack Mounts in Well Houses**

The following changes to the Contract as described below are proposed.

#### SCOPE OF PROPOSED CHANGE TO CONTRACT:

1. Additional 2" HDPE under driveway from hand hole to treatment plant per City's employees.
2. Addition of plywood to each well building for data rack and security box. Conduit to be run around exterior of Well No. 14 from south side to east side to reduce the chance of fiber optic damage during well maintenance.

#### JUSTIFICATION:

1. Per request from City.
2. Requested per site visit with Matt Soukup and RVW on 3.04.2026.

#### PROPOSED CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

We propose that the Contract Price and Contract Times be changed as follows:

***For Contract Price, attach detailed cost breakdowns for Contractor and Subcontractors, Supplier quotations, and other information required.***

***For the Contract Times, state increase, decrease, or no change to Contract Times for Substantial Completion, readiness for final payment, and Milestones, if any. If increase or decrease, state specific number of days for changes to the Contract Times. Submit supporting data, including time impact analysis for the Progress Schedule.***

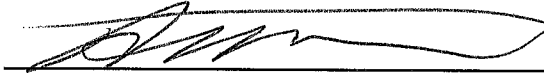
| Description                       | Amount            | Contract Times (days) |          |
|-----------------------------------|-------------------|-----------------------|----------|
|                                   |                   | Substantial           | Final    |
| 1. Materials                      | \$1,135.00        | 0                     | 0        |
| 3. Labor                          | \$2,548.00        | 0                     | 0        |
| 4. Contractor Bond/Markup         | \$367.00          | 0                     | 0        |
| <b>Total This Change Proposal</b> | <b>\$4,050.00</b> | <b>0</b>              | <b>0</b> |

Changes to Milestones, if any: NA

Contractor represents that supporting data attached to this Change Proposal are accurate and complete. The requested time or price adjustment indicated in this Change Proposal is the entire adjustment to which Contractor believes it is entitled as a result of the proposed change(s) indicated herein.

Change Proposal by (Contractor): **Adam Rutjens, Rutjens Construction**

Signature of Proposer:

A handwritten signature in black ink, appearing to read 'Adam Rutjens', is written over a horizontal line.

## CHANGE PROPOSAL NO. 5

### WELL HOUSE WALL SECTION REVISION

Owner: City of Columbus, Nebraska

Project Name: Columbus Well No. 20

Change Proposal No. 5

Date: 3.23.2026

Submitted in Response to Proposal Request No. NA

Contractor Name and No.: Columbus Well No. 20 - 10425904

Contractor: Rutjens Construction, Inc.

Subject: Well House Wall Section Revision

The following changes to the Contract as described below are proposed.

#### SCOPE OF PROPOSED CHANGE TO CONTRACT:

1. Revise the wall section for Well No. 20 as shown on the attached plan sheets dated 3.18.2026 for CPR No. 5.

##### Plan Sheets for CPR No. 5:

- a. Sheet 20A101 Architecture Floor Plan, Roof Plan and Exterior Sections
- b. Sheet 20A301 Architecture Building Section, Wall Section and Details
- c. Sheet 20A601 Architecture Schedules and Details
- d. Sheet 20S101 Structural Foundation Plan and Roof Framing Plan
- e. Sheet 20S301 Structural Sections and Details
- f. Sheet 00S503 Typical Masonry Details

#### JUSTIFICATION:

1. Cost reduction due to modified wall insulation approach.

#### PROPOSED CHANGES IN CONTRACT PRICE AND CONTRACT TIMES:

We propose that the Contract Price and Contract Times be changed as follows:

***For Contract Price, attach detailed cost breakdowns for Contractor and Subcontractors, Supplier quotations, and other information required.***

***For the Contract Times, state increase, decrease, or no change to Contract Times for Substantial Completion, readiness for final payment, and Milestones, if any. If increase or decrease, state specific number of days for changes to the Contract Times. Submit supporting data, including time impact analysis for the Progress Schedule.***

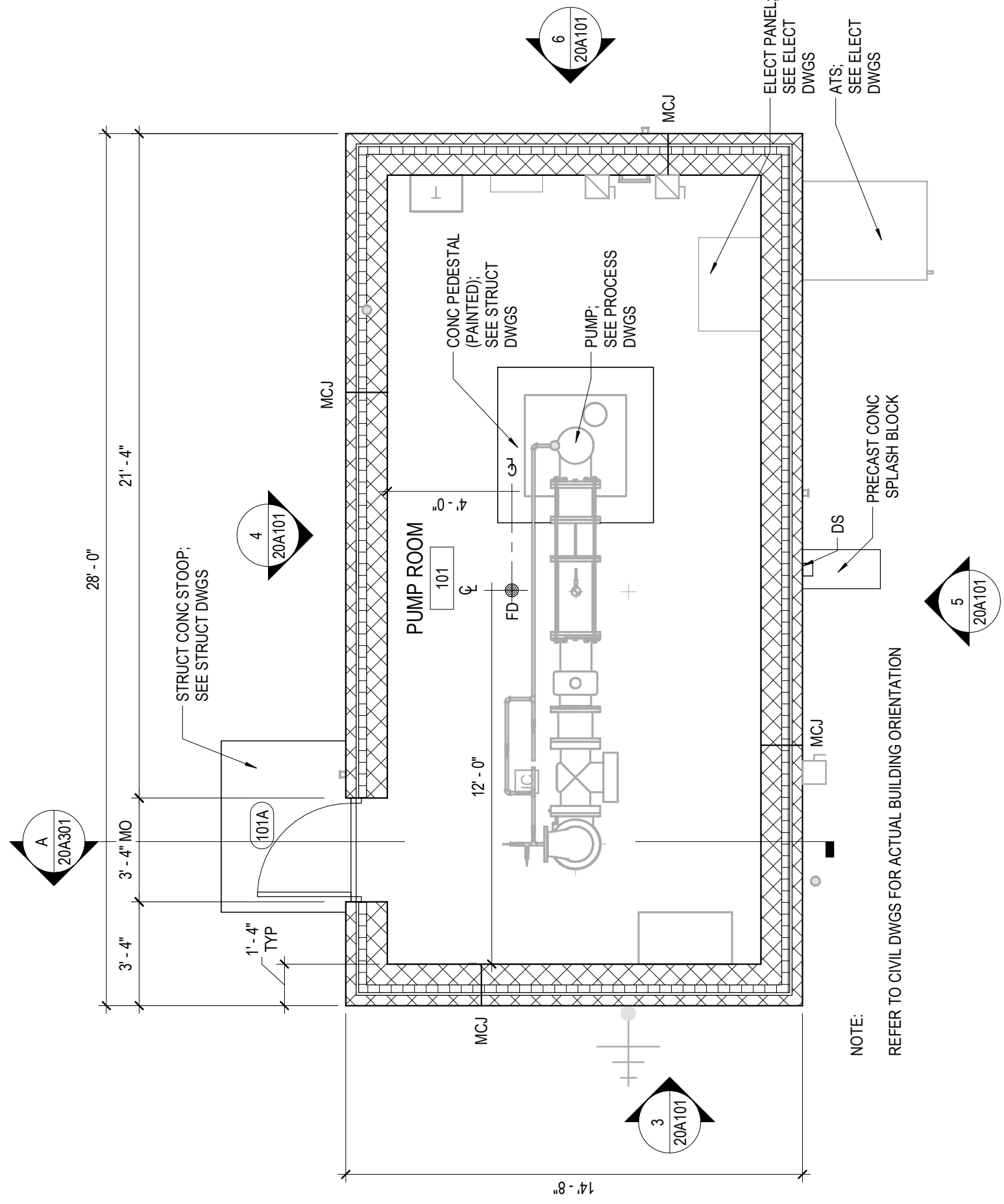
| Description                       | Amount                | Contract Times (days) |          |
|-----------------------------------|-----------------------|-----------------------|----------|
|                                   |                       | Substantial           | Final    |
| 1. Materials                      | \$ (13,747.00)        | 0                     | 0        |
| 2. Labor                          | \$ (7,403.00)         | 0                     | 0        |
| 3. Contractor Bond/Markup         | \$ (2,350.00)         | 0                     | 0        |
| <b>Total This Change Proposal</b> | <b>\$ (23,500.00)</b> | <b>0</b>              | <b>0</b> |

Changes to Milestones, if any: NA

Contractor represents that supporting data attached to this Change Proposal are accurate and complete. The requested time or price adjustment indicated in this Change Proposal is the entire adjustment to which Contractor believes it is entitled as a result of the proposed change(s) indicated herein.

Change Proposal by (Contractor): **Adam Rutjens, Rutjens Construction**

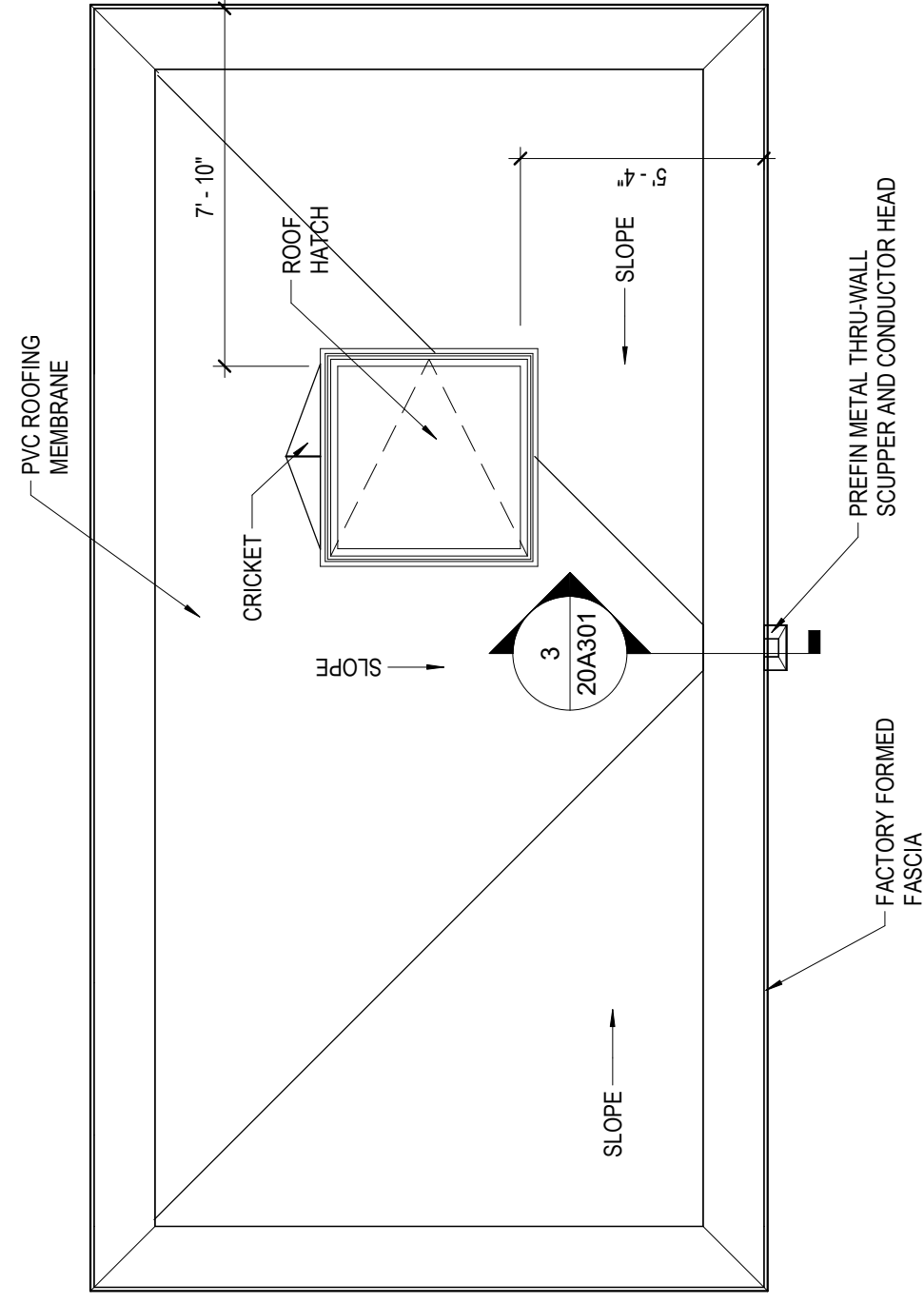
Signature of Proposer: \_\_\_\_\_



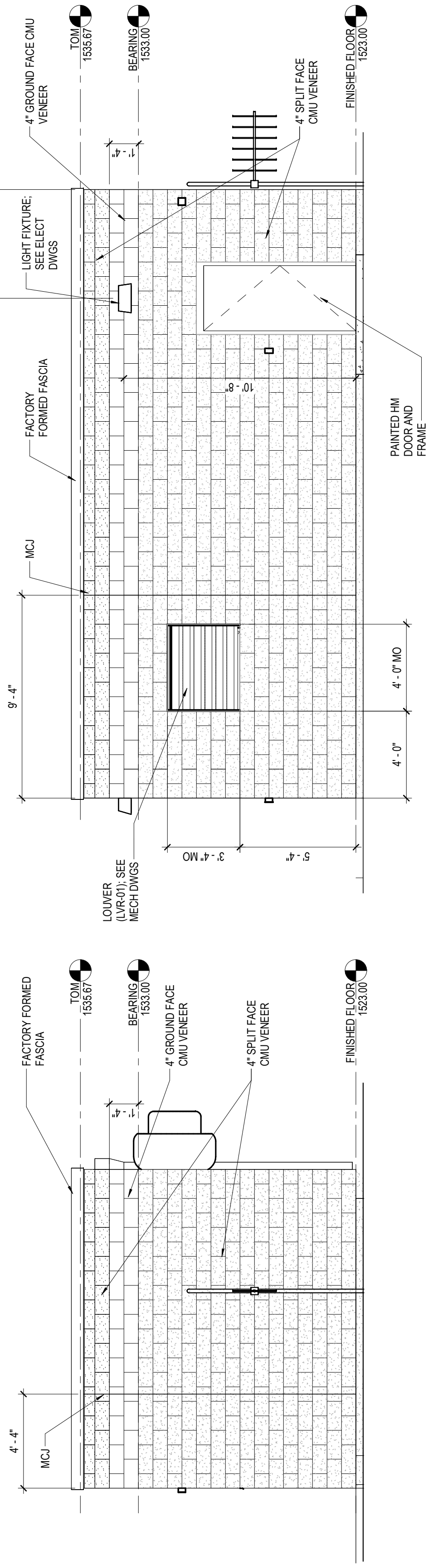
1

FLOOR PLAN

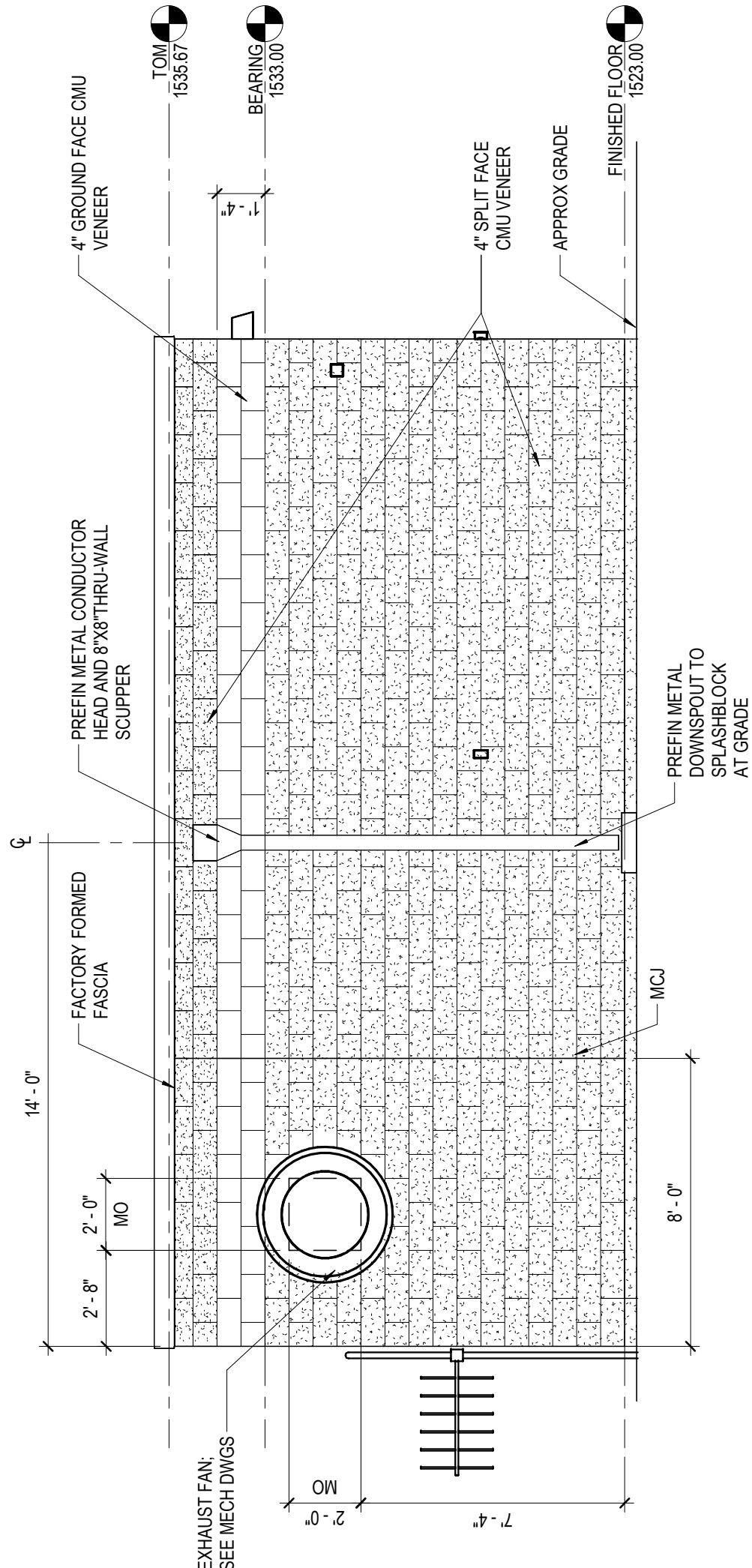
1/4" = 1'-0"



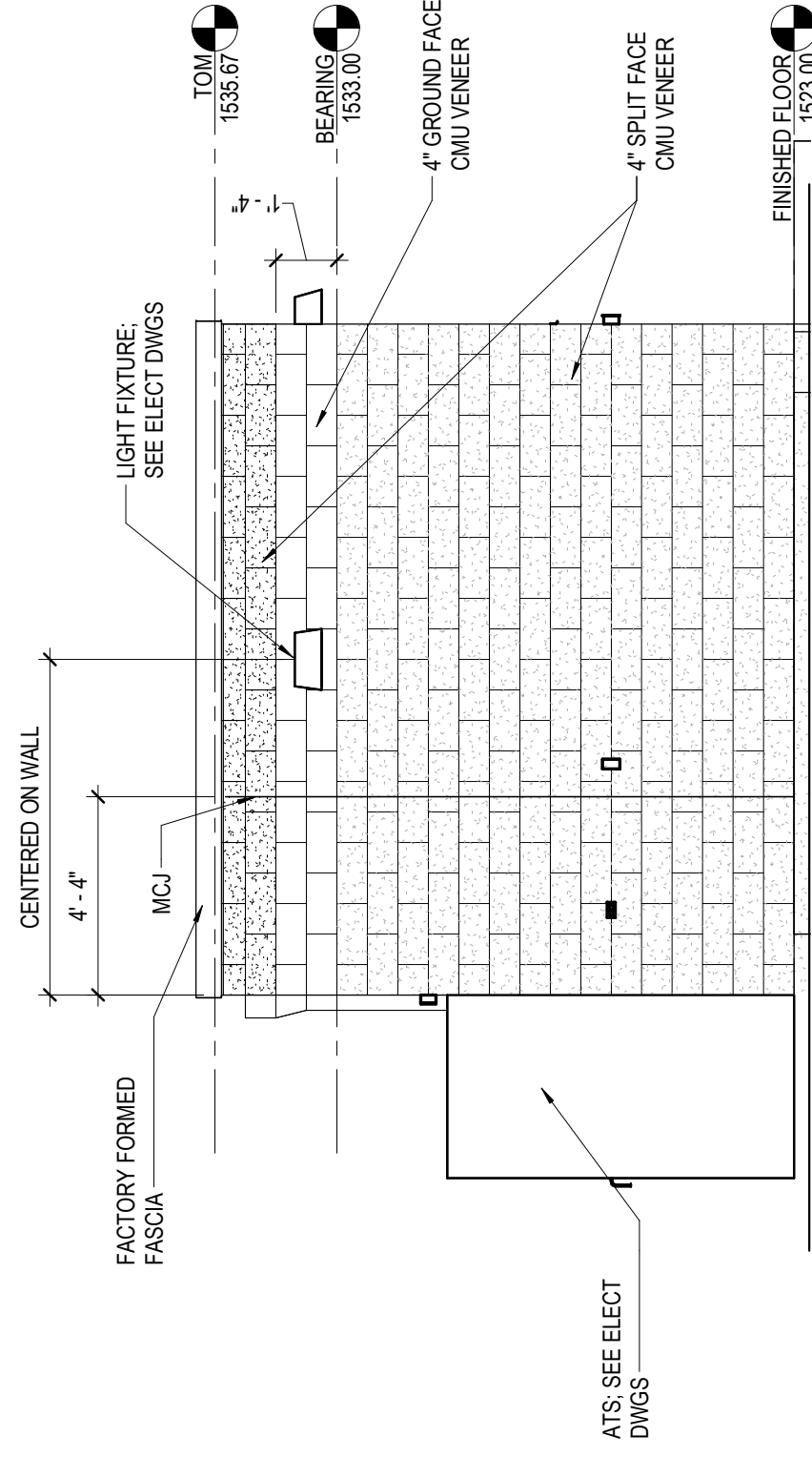
2 ROOF PLAN  
1/4" = 1'-0"



3 NORTH ELEVATION  
20A101 1/4" = 1'-0"



4 EAST ELEVATION  
20A101 1/4" = 1'-0"



5 WEST ELEVATION  
1/4" = 1'-0"



HDR ENGINEERING, INC. | CA0443AE  
1917 S. 67TH STREET  
OMAHA, NE 68106  
(402) 399-1000

|  |   |            |                    |
|--|---|------------|--------------------|
|  | A | 3/18/2026  | CPR NO. 5          |
|  |   | 11-7-2025  | CONFORMED DRAWINGS |
|  |   | ISSUE DATE | DESCRIPTION        |
|  |   |            |                    |
|  |   |            |                    |
|  |   |            |                    |
|  |   |            |                    |
|  |   |            |                    |

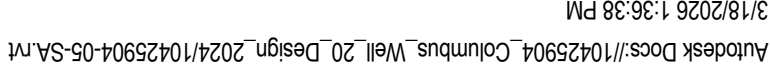
|                 |                      |
|-----------------|----------------------|
| PROJECT MANAGER | C. KOENIG            |
| CIVIL           | S. SCHMOKER          |
| STRUCTURAL      | J. THOMPSON          |
| ARCHITECTURAL   | W. WILSON            |
| PROCESS         | R. ROBERTS           |
| MECHANICAL      | P. KONECK-WILWERDING |
| ELECTRICAL      | J. JACOBS            |
| INSTRUMENTATION | K. ROHLOFF           |
| PROJECT NUMBER  | 10425904             |

*The City of* **Columbus**   
**WELL NO. 20 DESIGN**

## ARCHITECTURE FLOOR PLAN, ROOF PLAN AND EXTERIOR ELEVATIONS

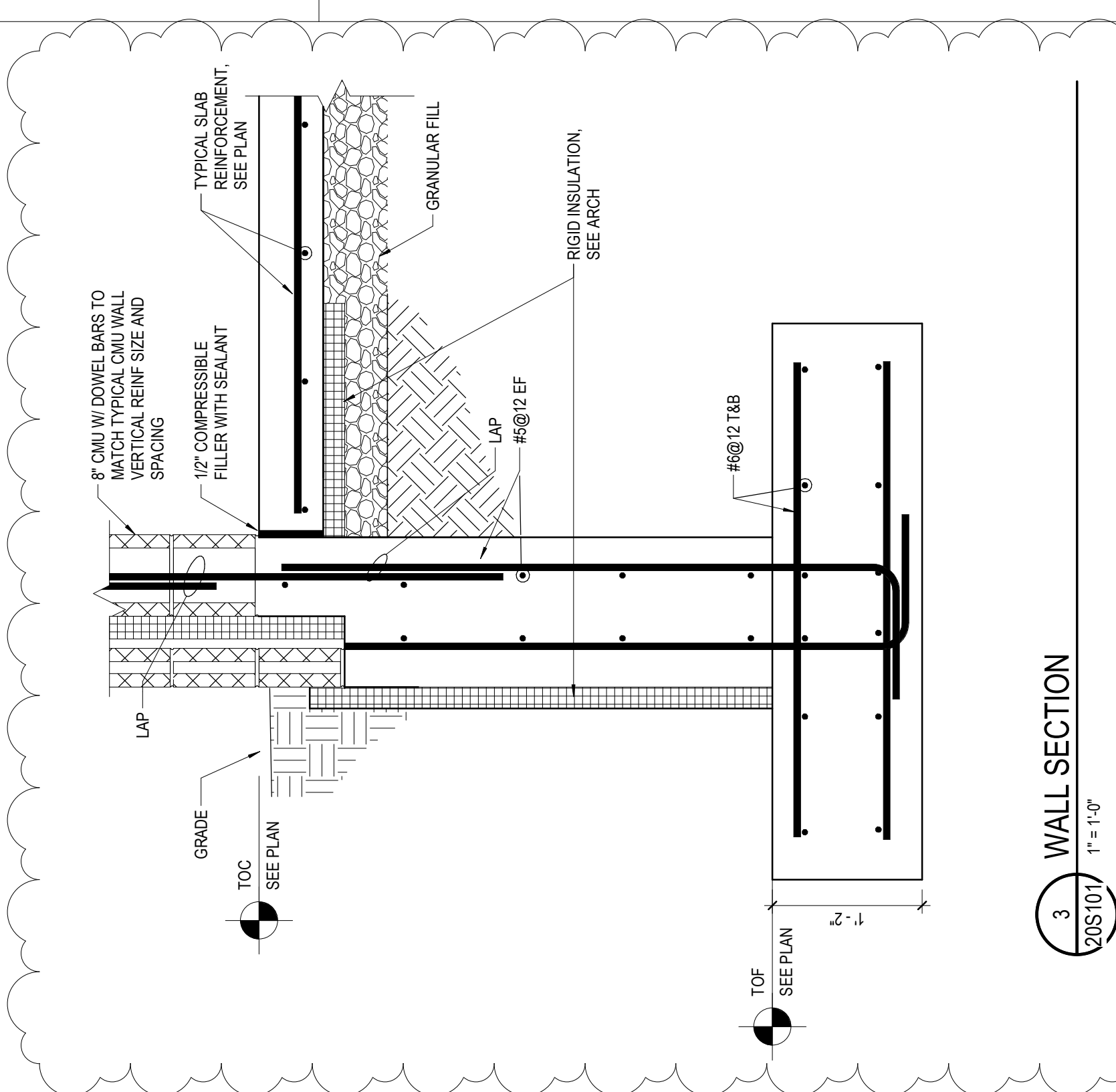
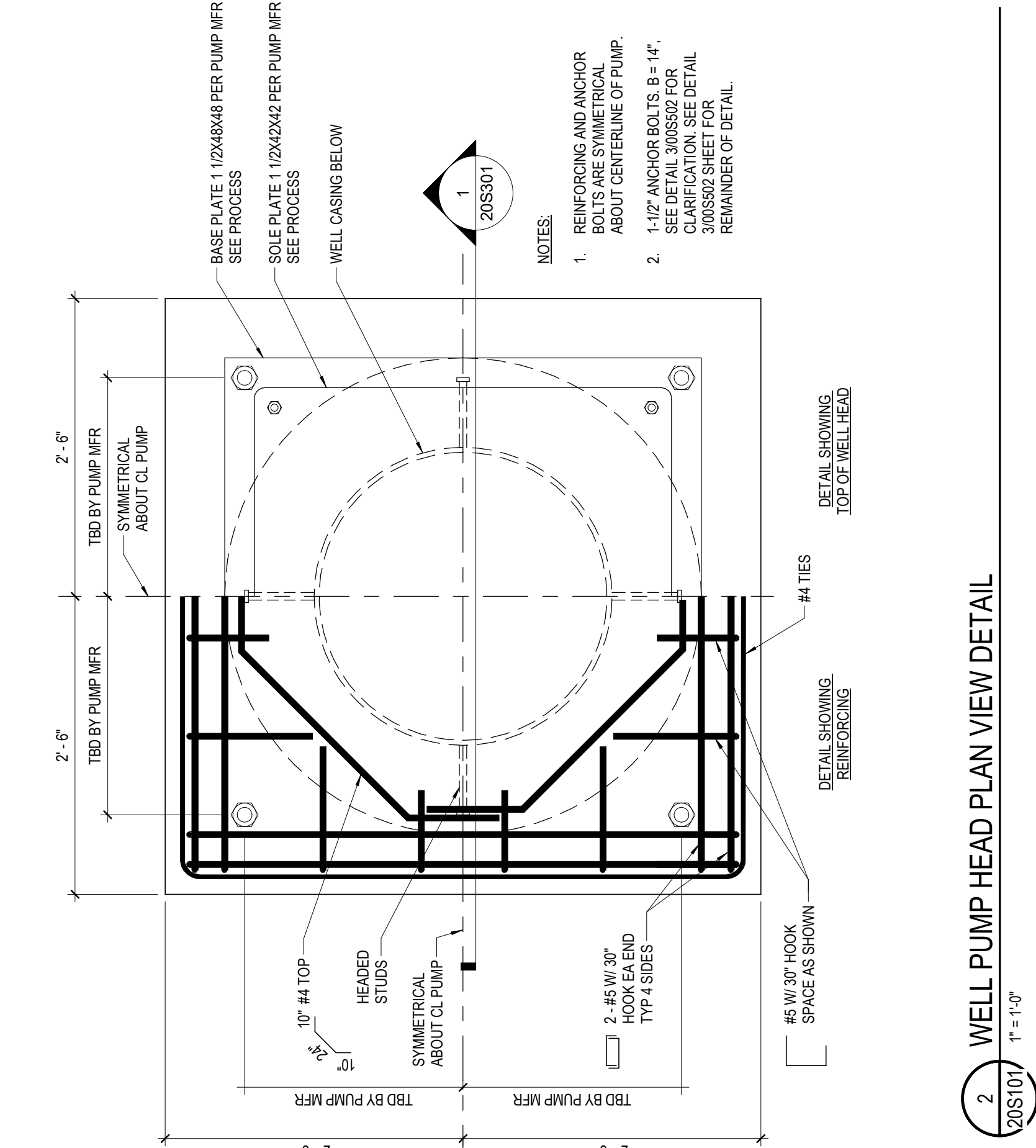
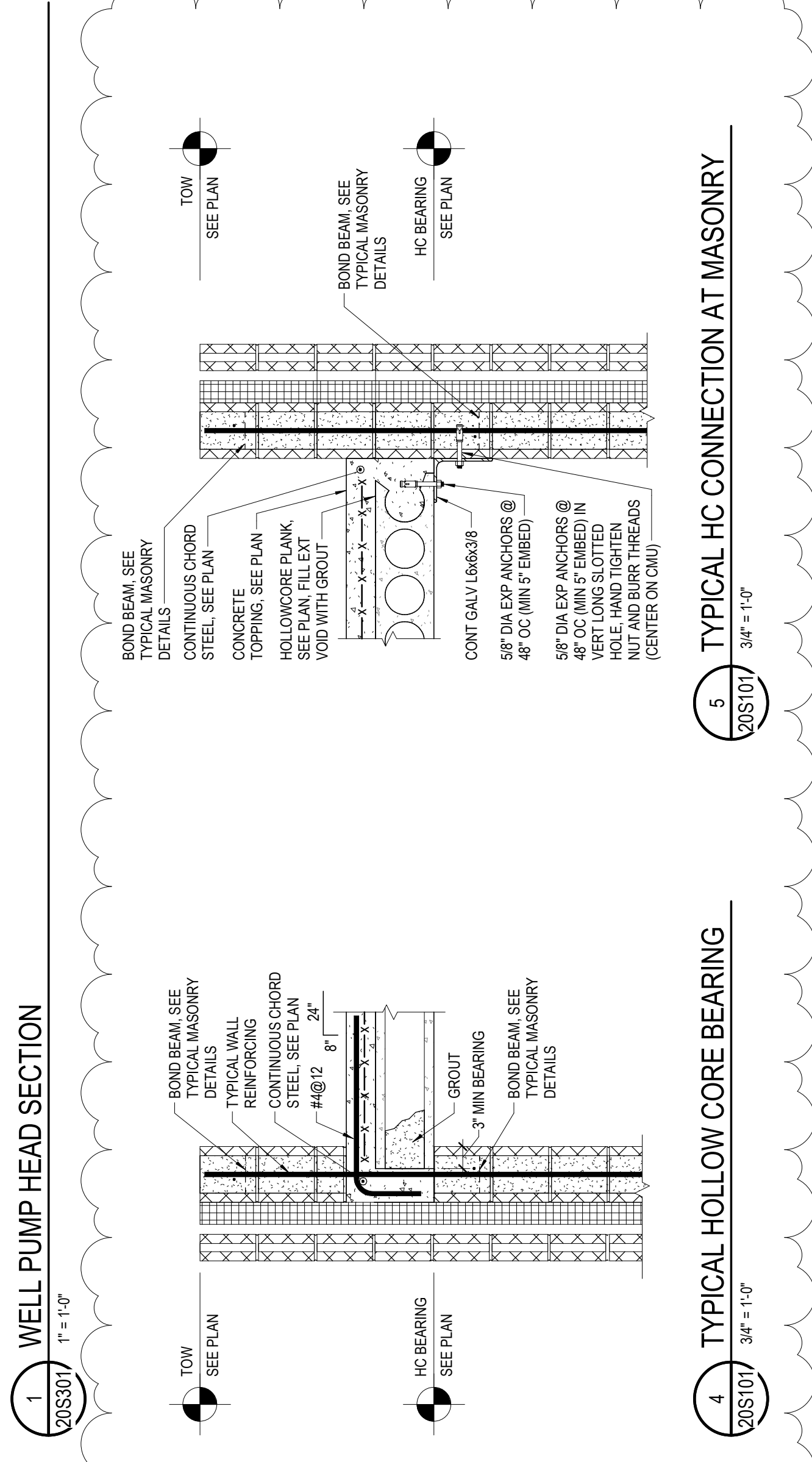
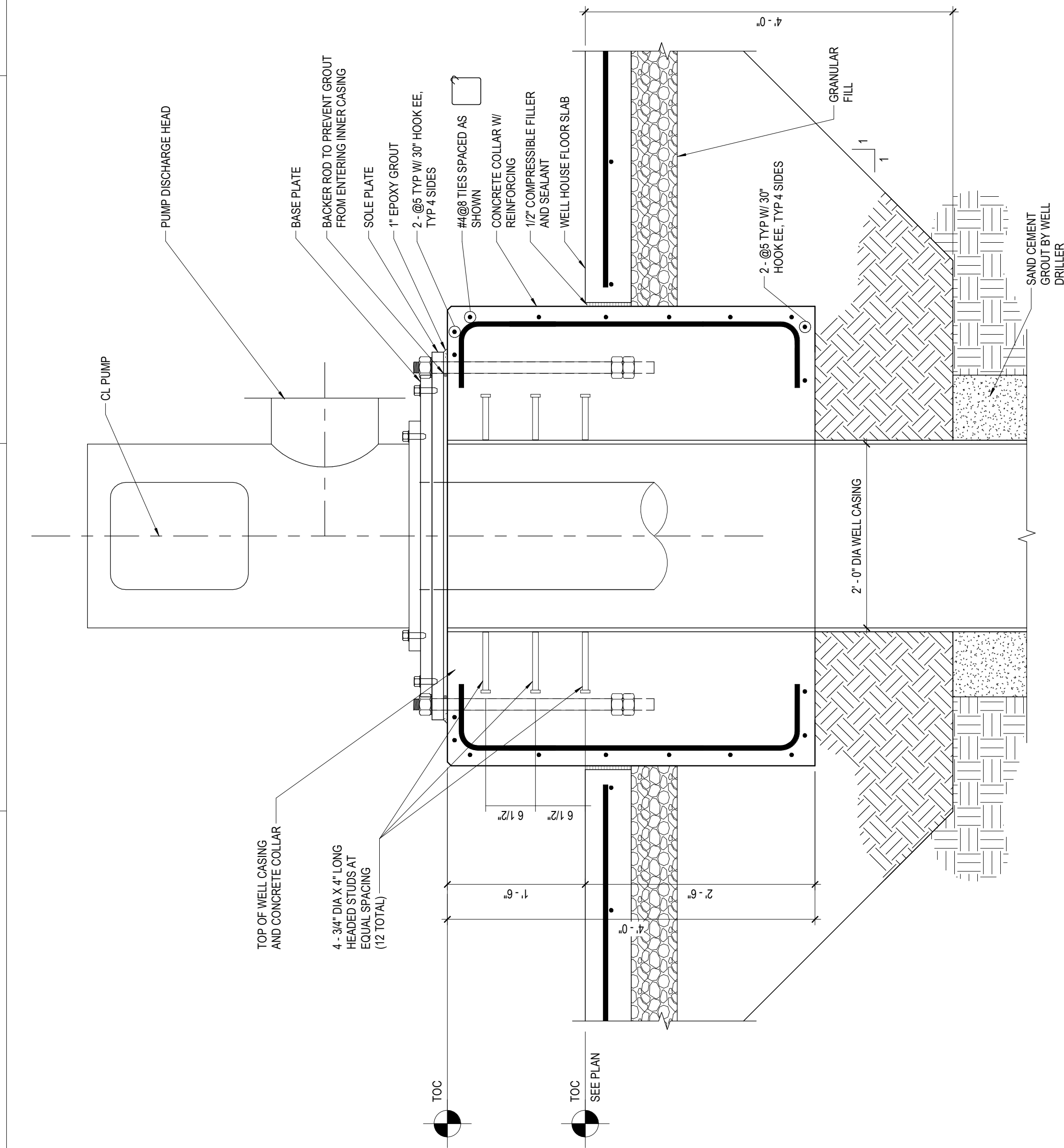
6651 33RD AVE. COLUMBUS, NE

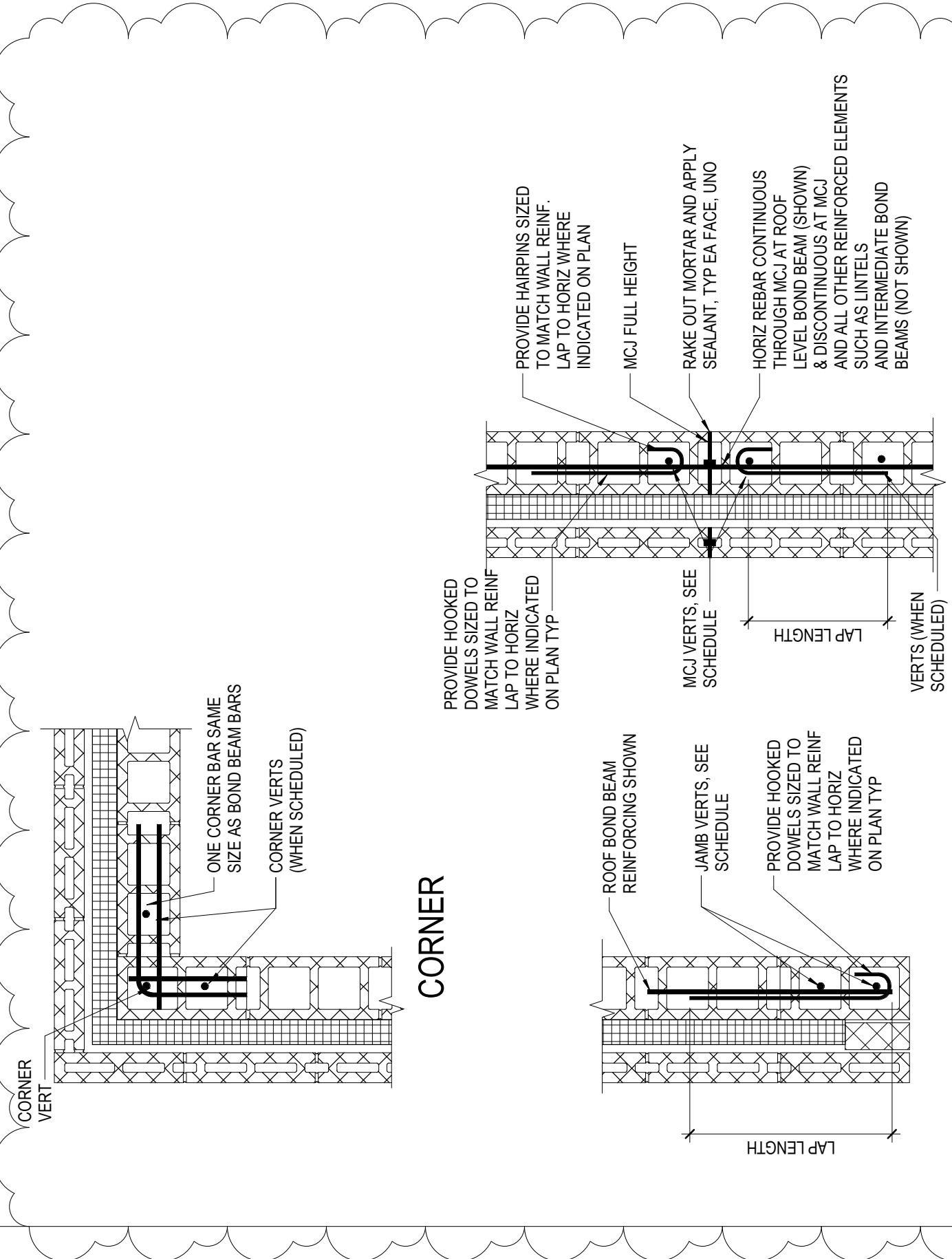
|          |                    |       |        |
|----------|--------------------|-------|--------|
| FILENAME | 10425904-05-SA.rvt | SHEET | 20A101 |
| SCALE    | 1/4" = 1'-0"       | 1"    | 0"     |







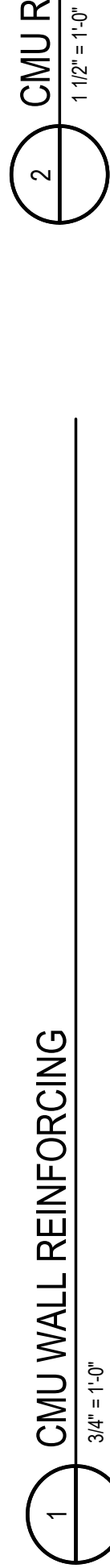




JAMB OR END OF WALL

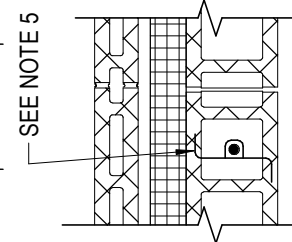
## MASONRY CONTROL JOINT (MCJ)

- NOTES:**
1. FOR REINFORCING, SEE CMU WALL REINFORCING SCHEDULE.
  2. INDICATES LOCATION OF VERTICAL BARS AT CENTERLINE OF WALL, UNO IN SCHEDULE.
  3. EXTEND MCJ FULL HEIGHT OF MASONRY BOND BEAM.
  4. LIMIT DISTANCE BETWEEN MCJ TO MAX 24'-0". SEE DRAWINGS FOR LOCATIONS.
  5. HORIZONTAL JOINT REINFORCING NOT SHOWN.
  6. MODIFY BAR CONFIGURATION SHOWN AS REQUIRED WHERE TWO VERTICAL REINFORCING BARS ARE SHOWN ON THE SCHEDULE.
  7. SEE ARCHITECTURAL DRAWINGS FOR MCJ DETAILS AND REMAINDER OF JOINT DETAILS.

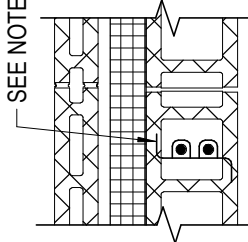


| CMU WALL REINFORCING SCHEDULE |                                                                |
|-------------------------------|----------------------------------------------------------------|
| TYPE                          | REINFORCING LOCATION                                           |
| VERTICAL                      | VERTICAL BARS                                                  |
|                               | JAMBS                                                          |
|                               | CORNERS / INTERSECTIONS                                        |
|                               | TOP OF WALL BOND BEAMS                                         |
| HORIZONTAL                    | 1 - #5 CONTINUOUS                                              |
|                               | 9 GAGE WIRE JOINT REINF AT 16" VERT SPACING BETWEEN BOND BEAMS |
|                               | LINTELS                                                        |
|                               | TYPE SEE LINTEL REINFORCEMENT SCHEDULE                         |

# SINGLE CENTERED



## DOUBLE CENTERED



4

**HDR**  
HDR ENGINEERING, INC. | CA0443AE  
1917 S. 67TH STREET  
OMAHA, NE 68106  
(402) 399-1000

|                 |                      |
|-----------------|----------------------|
| PROJECT MANAGER | C. KOENIG            |
| CIVIL           | S. SCHMOCKER         |
| STRUCTURAL      | J. THOMPSON          |
| ARCHITECTURAL   | W. WILSON            |
| PROCESS         | J. ROBERTS           |
| MECHANICAL      | P. KONECK-WILVERDING |
| ELECTRICAL      | J. JACOBS            |
| INSTRUMENTATION | K. ROHLGFF           |
| PROJECT NUMBER  | 10425904             |

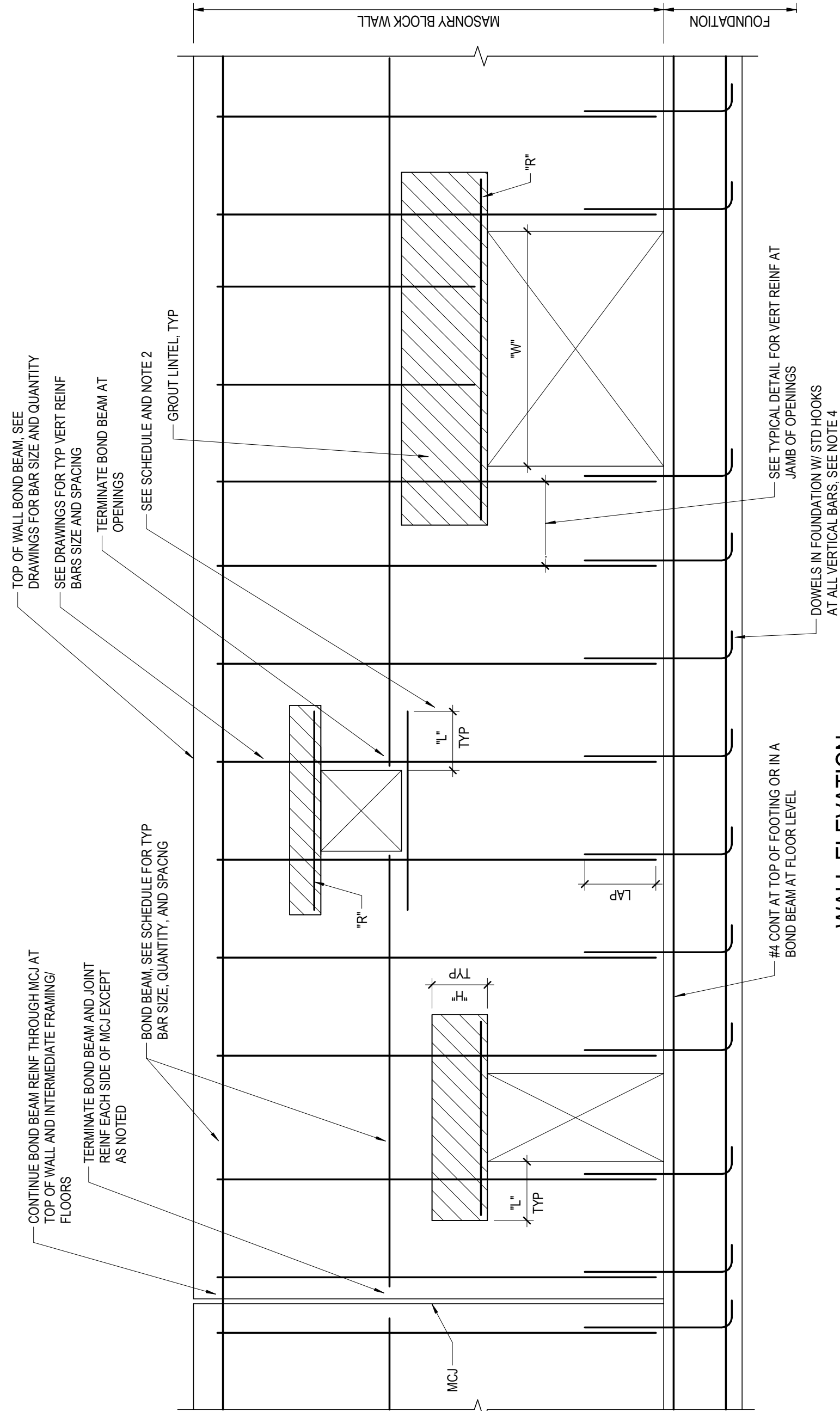
**Columbus**  
The City of  
**WELL NO. 20 DESIGN**

---

FILENAME | 1042504-05-S4.vrt  
SCALE | AS INDICATED

SHEET  
**00S503**

0      1"      2"



# WALL ELEVATION

- NOTES:**
1. ONLY LINTEL GROUT IS SHOWN. GROUT SOLID ALL REINFORCED CELLS. SEE CHU WALL REINFORCING SCHEDULE.
  2. WHERE OTHER DRAWING DETAILS INDICATE SOLID MASONRY SILL, PLACE BOND BEAM REINF. IN FIRST COURSE BETWEEN SILL AND CHU WALL.
  3. PROVIDE BOND BEAM AT ALL ELEVATED FLOORS WITH SAME REINFORCING AS TOP OF WALL UNO.
  4. STRAIGHT BARS EMBEDDED ONE CONCRETE LAP LENGTH INTO CONC FOUNDATION.
  5. LINTEL REINFORCING AND BARS PASSING THROUGH "H" SHALL NOT BE SPICED.
  6. SHORE LINTEL MINIMUM 7 DAYS AFTER GROUTING OR UNTIL GROUT ATTAINS FULL DESIGN STRENGTH.



| MASONRY LAP SPICE LENGTHS : f <sub>m</sub> =2000 psi, f <sub>y</sub> =50000 psi |          |            |          |            |  |
|---------------------------------------------------------------------------------|----------|------------|----------|------------|--|
| BAR SIZE                                                                        | 8" BLOCK |            |          | 12" BLOCK  |  |
|                                                                                 | BAR @ CL | BAR @ EDGE | BAR @ CL | BAR @ EDGE |  |
| #3                                                                              | 19"      | 19"        | 19"      | 19"        |  |
| #4                                                                              | 25"      | 31"        | 25"      | 28"        |  |
| #5                                                                              | 31"      | 48"        | 31"      | 43"        |  |
| #6                                                                              | 57"      | -          | 52"      | -          |  |

## CMU REINFORCING LAP SCHEDULE

5 CMU  
12" = 1'-0"

[illegible]

|                 |                      |
|-----------------|----------------------|
| PROJECT MANAGER | C. KOENIG            |
|                 | S. SCHNOKER          |
| CIVIL           | J. THOMPSON          |
| STRUCTURAL      | W. WILSON            |
| ARCHITECTURAL   | J. ROBERTS           |
| PROCESS         | P. KONECK-WILLWERING |
| MECHANICAL      | J. JACOBS            |
| ELECTRICAL      | K. ROHLOFF           |
| INSTRUMENTATION |                      |
| PROJECT NUMBER  | 10425904             |

**Columbus**  
The City of  
**WELL NO. 20 DESIGN**

---

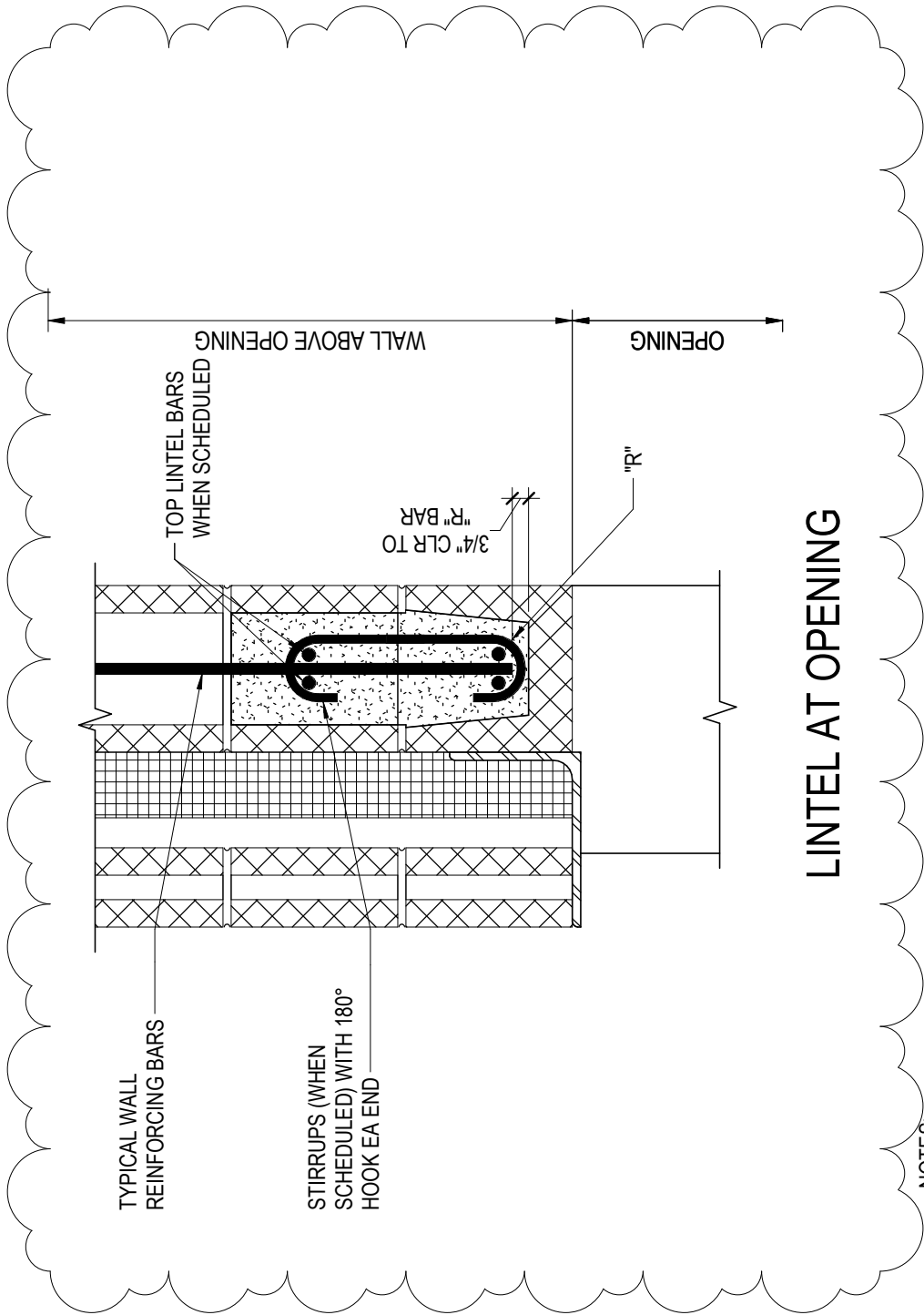
FILENAME | 1042504-05-S4.vrt  
SCALE | AS INDICATED

SHEET  
**00S503**

0      1"      2"



| LINTEL REINFORCEMENT SCHEDULE |                |       |     |     |         |
|-------------------------------|----------------|-------|-----|-----|---------|
| MARK                          | "W"            | "R"   | "L" | "H" | REMARKS |
| ML-1                          | 1.4" THRU 3.4" | (1)#5 | 25" | 16" | -       |



1. OPENINGS 8" OR LESS WIDE MAY OCCUR WITHOUT LINTEL REINFORCING AS LONG AS NO REINFORCINGS IS INTERRUPTED.
2. SEE DRAWINGS FOR LINTEL TYPES. WHERE LINTEL TYPES ARE NOT SHOWN, PROVIDE LINTELS FROM THE ABOVE SCHEDULE BASED ON THICKNESS OF WALL AND MAX CLEAR OPENING WIDTH AND VERIFY LINTEL TYPE W/ ENGINEER PRIOR TO CONSTRUCTION.

4 CMU WALL REINFORCING SCHEDULE  
3/4" = 1'-0"

[illegible]

**Columbus**  
The City of  
**WELL NO. 20 DESIGN**

---

FILENAME | 10425004-05-S4.vrt  
SCALE | AS INDICATED

SHEET  
**00S503**

0 1" 2"