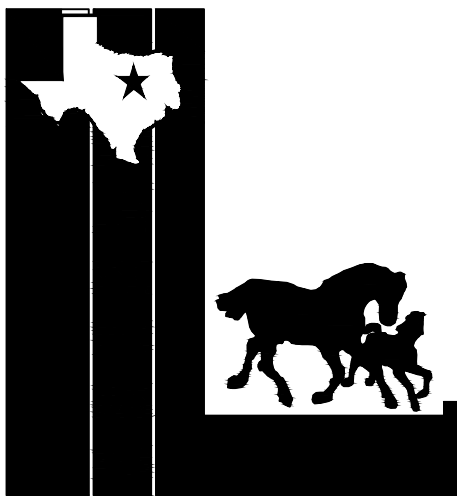


CITY OF LUCAS
CONSTRUCTION PLANS FOR
WASTEWATER SYSTEM IMPROVEMENTS
OSAGE LANE SEWER LIFT STATION



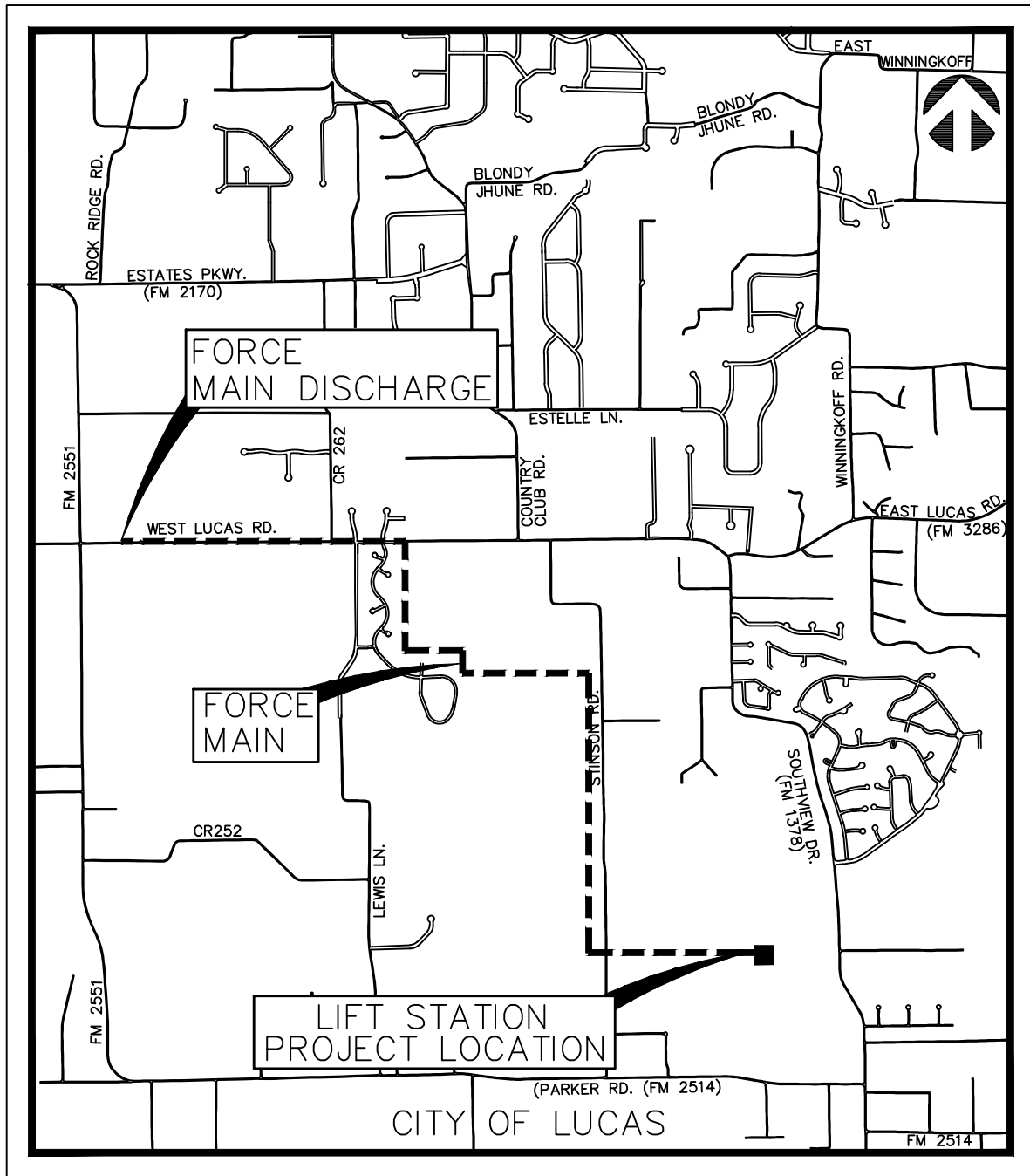
MAYOR
DUSTY KUYKENDALL

MAYOR PRO TEM
DEBBIE FISHER

CITY COUNCIL

BRIAN STUBBLEFIELD PHIL LAWRENCE
CHRIS BIERMAN NEIL PETERSON
TIM JOHNSON

CITY MANAGER
JOHN WHITSELL



VICINITY MAP
JOB NO. R317158.01
AUGUST 2025

SHEET INDEX

COVER	C-0
GENERAL NOTES	C-1
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GENERAL DETAILS	C-3
GENERAL DETAILS	C-4
ELECTRICAL PLAN	E-1
ELECTRICAL SPECIFICATIONS	E-2
PLUMBING PLAN	P-1

WARNING:
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LEAST 48 HOURS PRIOR TO EXCAVATION IN THIS AREA.

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OSAGE LANE SEWER LIFT STATION

ADJOINING OSAGE LANE, WEST OF SOUTHVIEW DR
LUCAS, TEXAS 75002

COVER SHEET

BID # 041-25

HZ PROJECT NO.:	R31-7158.01
DRAWN BY:	P. ROBERTS
REVIEWED BY:	K. CARLSON
APPROVED BY:	A.SCHULTZ

C-0

YMONDRIGUEZ 08/14/2025 10:33AM \\HZNISRV\DALDISK2\PROJ\R317168.01 - CITY OF LUCAS-OSAGE LANE LIFT STATION\10 CADD & BIM\10.1 AUTOCAD\715801_DWG\GISITER31715801-CN.DWG

D

C

B

A

GENERAL NOTES:

- It is the CONTRACTOR's responsibility to maintain neat and accurate plans of record.
- The CONTRACTOR is responsible for maintaining adequate site drainage throughout the duration of this project.
- The CONTRACTOR is responsible for obtaining all necessary permits and approvals before construction begins.
- The CONTRACTOR shall replace all fence removed during construction in as good or better condition than before construction.
- The CONTRACTOR shall take all necessary precautions to ensure that electric power and telephone poles are either moved to a safe location by the affected utility company or not disturbed during construction. All costs incurred for moving electric power and telephone poles shall be included in the price bid for the construction of the project.
- The CONTRACTOR shall restore all property including driveways, public streets, sidewalks, public utilities, franchise utilities, private utilities, and all other improvements removed or damaged inside and outside the project limits during construction to as good or better condition than before construction. Restoration shall be made immediately after the property no longer interferes with construction.
- The information shown on these drawings concerning type and location of underground and other utilities is not guaranteed to be accurate or all-inclusive. The CONTRACTOR is responsible for making his own determinations as to the type and location of underground utilities and other utilities as may be necessary to avoid damage thereto.
- The CONTRACTOR shall not place fill or waste material on any private property without prior written permission from the property owner and written concurrence from the City. No excess excavated material shall be deposited in low areas or along natural drainage ways that will restrict the natural flow of water. If the CONTRACTOR places excavated material in low areas that will cause flood damage, CONTRACTOR will be responsible for all damage resulting from such fill, and he shall remove the fill at CONTRACTOR's expense.
- All streets within the scope of the Contract shall be kept accessible to fire trucks, ambulances, and other emergency vehicles.
- The CONTRACTOR shall be responsible for public safety during the duration of construction. All barricades, warning signs, lights, devices, etc., for the guidance and protection of traffic and pedestrians must conform to the installation shown in 2015 Texas Manual of Uniform Traffic Control Devices, as currently amended by the Texas Department of Transportation. CONTRACTOR shall at all times provide barricades, warning signs and lighting adequate to safeguard the public from any hazards resulting from open trenches during non-work hours.
- Filter fabric fence for erosion control shall be provided in accordance with specifications and as shown on the plans and in accordance with the EPA regulations.
- The CONTRACTOR shall use the public right-of-ways and existing utility easements for access to the job site.
- The CONTRACTOR shall keep excavated trenches free of groundwater during construction. If necessary, the CONTRACTOR shall utilize dewatering procedures in order to control groundwater during construction such that it does not affect his construction work.
- The CONTRACTOR shall provide means for adequately controlling and avoiding soil erosion during construction. The CONTRACTOR shall not store spoil in drainage ways during construction.
- All disturbed earth areas are to be finish graded to original or proposed contours, fertilized and either hydromulched with bermuda seed or covered with block sod according to NCTCOG specifications immediately after construction. Backfill to be select material free of rock and other debris. CONTRACTOR shall thoroughly water the hydromulch or block sod immediately after placement. Block sod shall match the existing type of grass on a case by case basis, as determined by the City. There shall be no separate pay for matching each type of grass. The CONTRACTOR shall also be responsible for continued maintenance and watering of the newly hydromulched or sodded areas until the entire project is completed and accepted by the City of Lucas. Watering of the bermuda hydromulch or block sod shall be done in a manner and quantity as directed by City of Lucas field representative.
- The CONTRACTOR shall maintain adequate sanitary facilities for use by workers throughout construction.
- The CONTRACTOR shall conform to the Occupational Safety and Health Administration's (OSHA) standards for trench safety that are in effect during the period of construction.
- All materials and workmanship shall conform to the City of Lucas Standards and Specifications and the North Central Texas Council of Government (NCTCOG) Standards and Specifications, except as noted. In the event of a conflict, the City of Lucas Standards and Specifications shall govern.
- CONTRACTOR shall provide all necessary construction staking.
- CONTRACTOR's working hours shall be in accordance with the provisions of the current City Ordinance governing hours of construction work in the City.

- The CONTRACTOR is responsible for keeping streets, parking areas, sidewalks, etc., adjacent to the project free of mud and debris from construction.
- The City of Lucas Public Works Department is to be notified 48 hours (2 working days) prior to any construction of paving and utilities in rights-of-way, easements and alleys.
- All locations of underground utility lines are approximate. CONTRACTOR shall contact the proper utility companies at least 48 hours prior to construction, shall inform them of beginning of construction and shall make arrangements to have utilities located by flagging. Flagging of utilities shall be completed prior to beginning construction.
- Construction sites shall be secure at all times. Safety precautions shall be taken to protect the public from any injury which might result from construction activities.
- There is no separate pay resulting from any of the work required as a result of the requirements included in these General Notes. All work required shall be included in the price bid for the project.
- CONTRACTOR shall be responsible for coordinating construction work at the lift station site and with property owners in order to minimize the impact on property owners.
- CONTRACTOR shall expose each existing NTMWD pipeline and shall verify the horizontal and vertical location of the existing pipeline prior to the installation of the proposed force main.
- The fittings for the proposed ductile iron pipe at the lift station site shall be AWWA C153 compact fittings.
- All materials furnished and installed on this project shall be domestic materials and shall be in compliance with the appropriate ASTM and AWWA Standards for such items.
- Hydromulch or block sodding shall be installed to match surrounding areas where the ground is disturbed in the construction area. City reserves the right to provide direction with regard to areas to be hydrolmulched or sodded.

SHEET INDEX

SHEET NUMBER	SHEET TITLE
C-0	COVER SHEET
C-1	GENERAL NOTES
C-2	CIVIL SITE PLAN
C-3	GENERAL DETAILS
C-4	GENERAL DETAILS
E-1	ELECTRICAL PLANS
E-2	ELECTRICAL SPECIFICATIONS
P-1	PLUMBING PLAN

WARNING:

THE CONTRACTOR SHALL CONTACT THE FOLLOWING AT LEAST 48 HOURS PRIOR TO EXCAVATION IN THIS AREA.

CITY OF LUCAS	972.912.1210
TEXAS ONE - CALL SYSTEM	800.245.4545
TEXAS EXCAVATION SAFETY SYSTEMS	800.344.8377
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OSAGE LANE SEWER LIFT STATION

ADJOINING OSAGE LANE, WEST OF SOUTHVIEW DR
LUCAS, TEXAS 75002

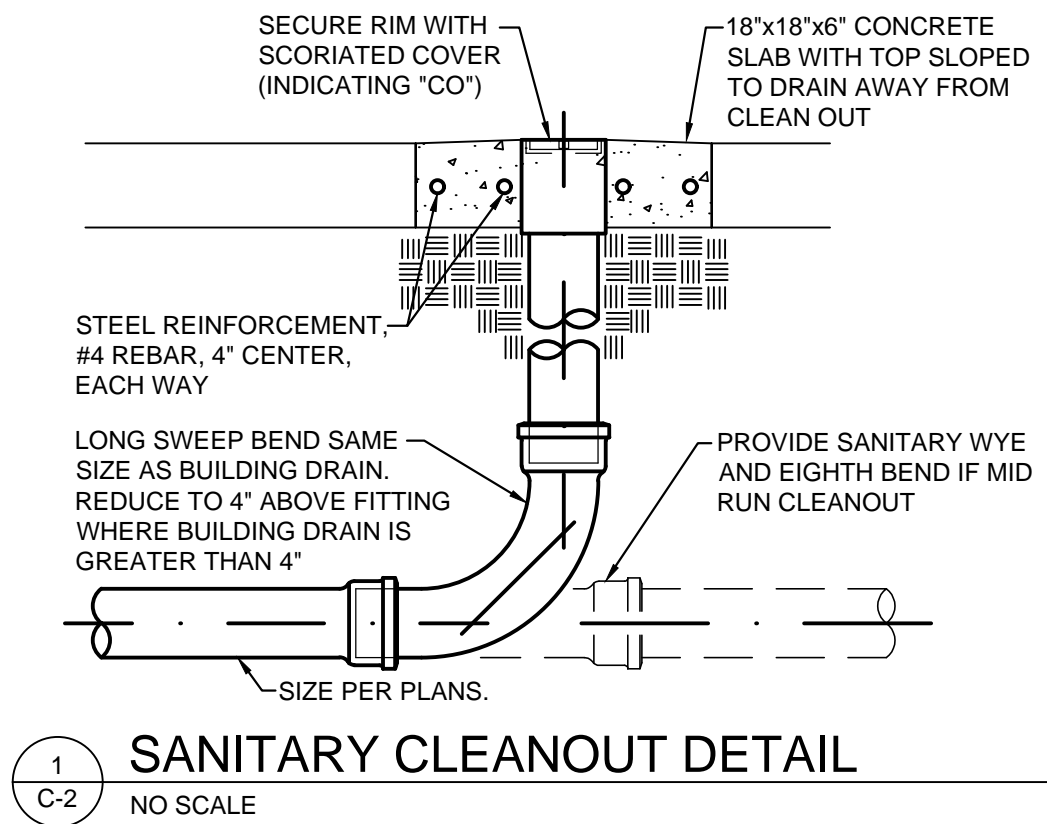
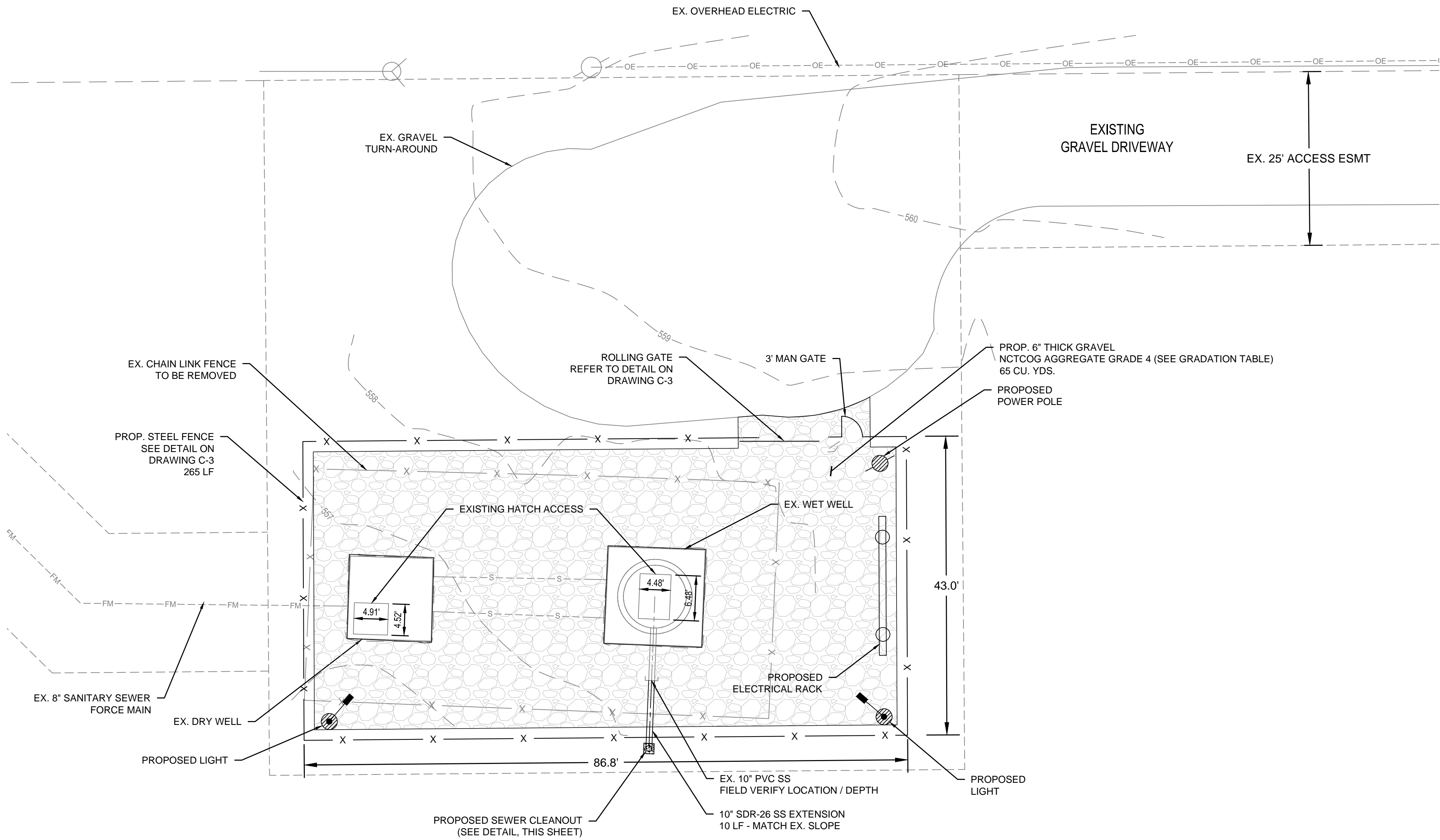
GENERAL NOTES

BID # 041-25

HZ PROJECT NO.:	R31-7158.01
DRAWN BY:	P. ROBERTS
REVIEWED BY:	K. CARLSON
APPROVED BY:	A.SCHULTZ

C-1

YMONDRIGUEZ 08/14/2025 10:34AM \\HZ\SRV\DAL\DISK2\PROJR3\71758.01 - CITY OF LUCAS-OSAGE LANE LIFT STATION\10 CADD & BIM\10.1 AUTOCAD\715801-GP-01.DWG



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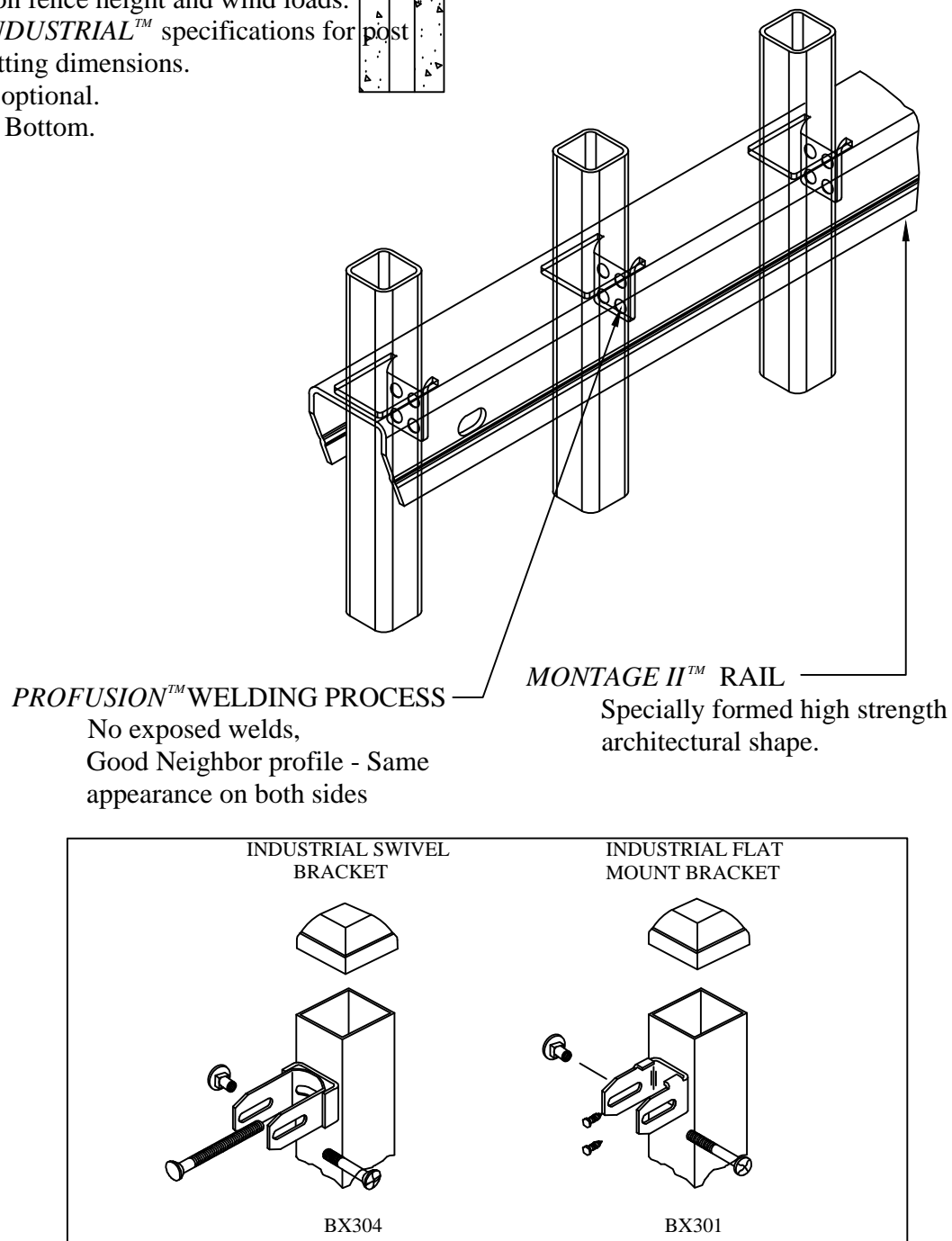
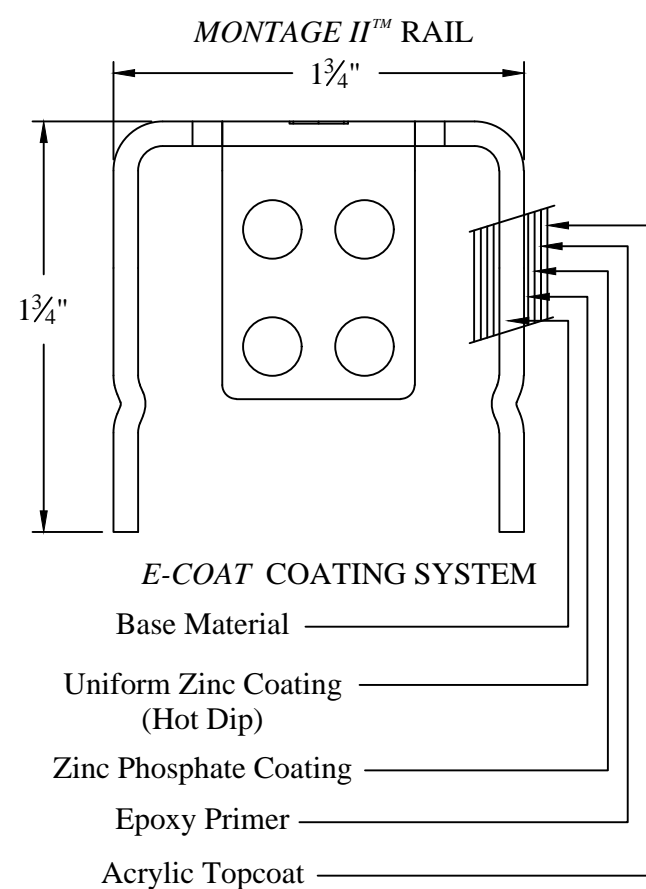
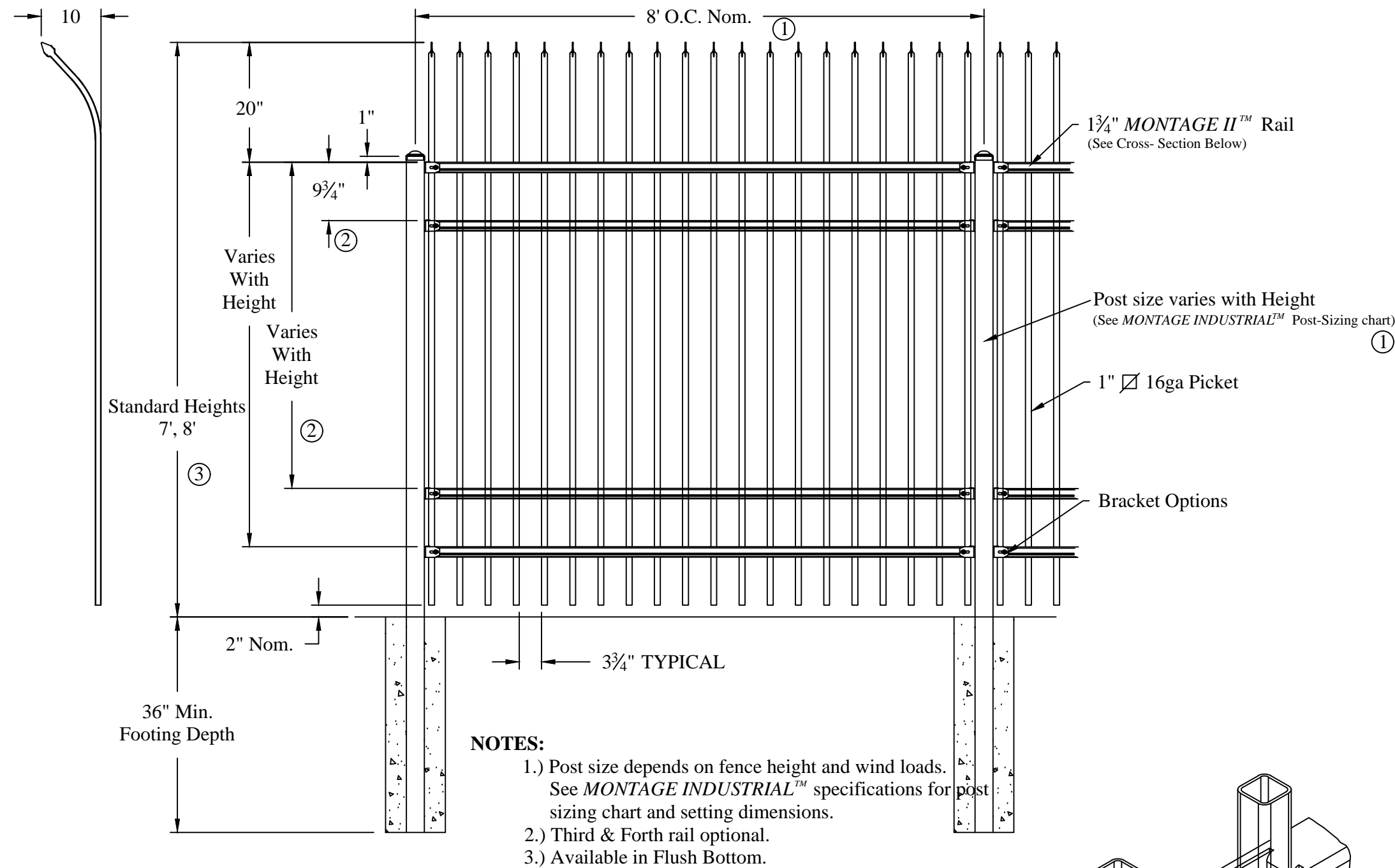
CIVIL SITE PLAN

BID # 041-25

HZ PROJECT NO.:	R31-7158.01
DRAWN BY:	Y. MONDRIGUEZ
REVIEWED BY:	J. MARLIA
APPROVED BY:	A. SCHULTZ

C-2

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Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.

WARNING:

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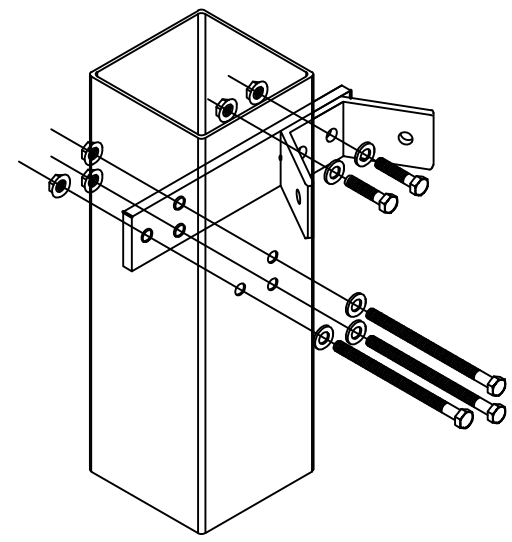
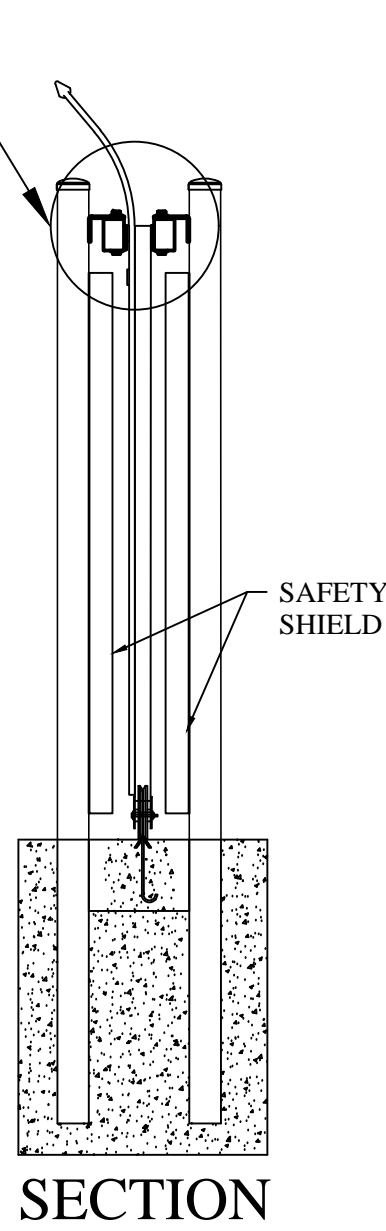
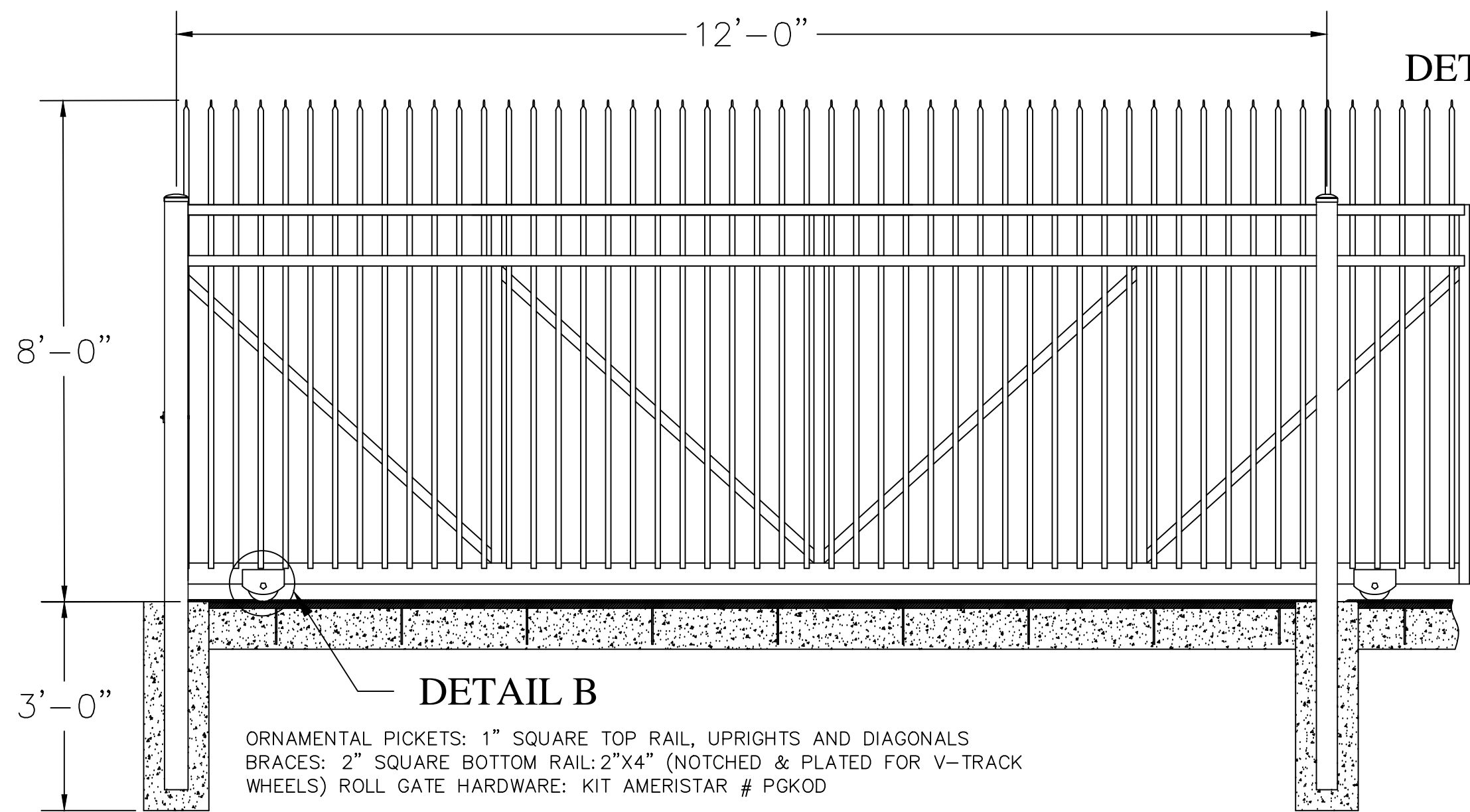
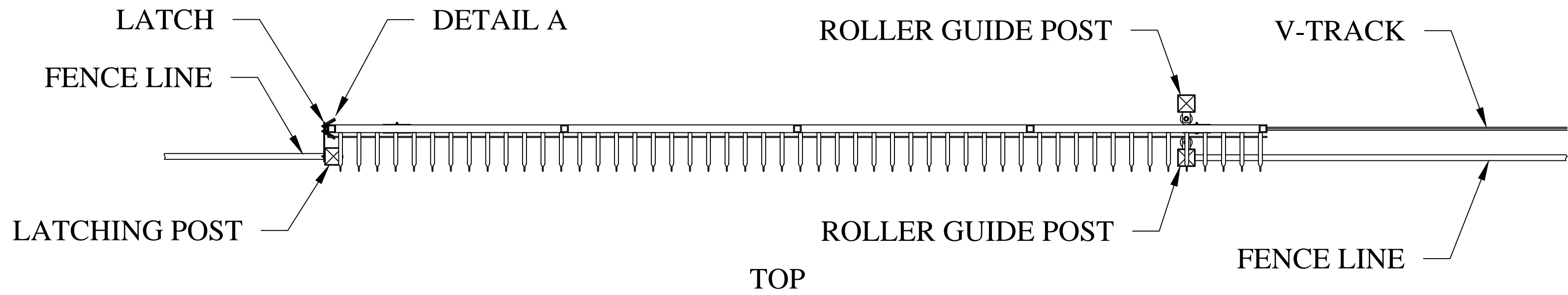
ADJOINING OSAGE LANE, WEST OF SOUTHVIEW DR
LUCAS, TEXAS 75002

GENERAL DETAILS

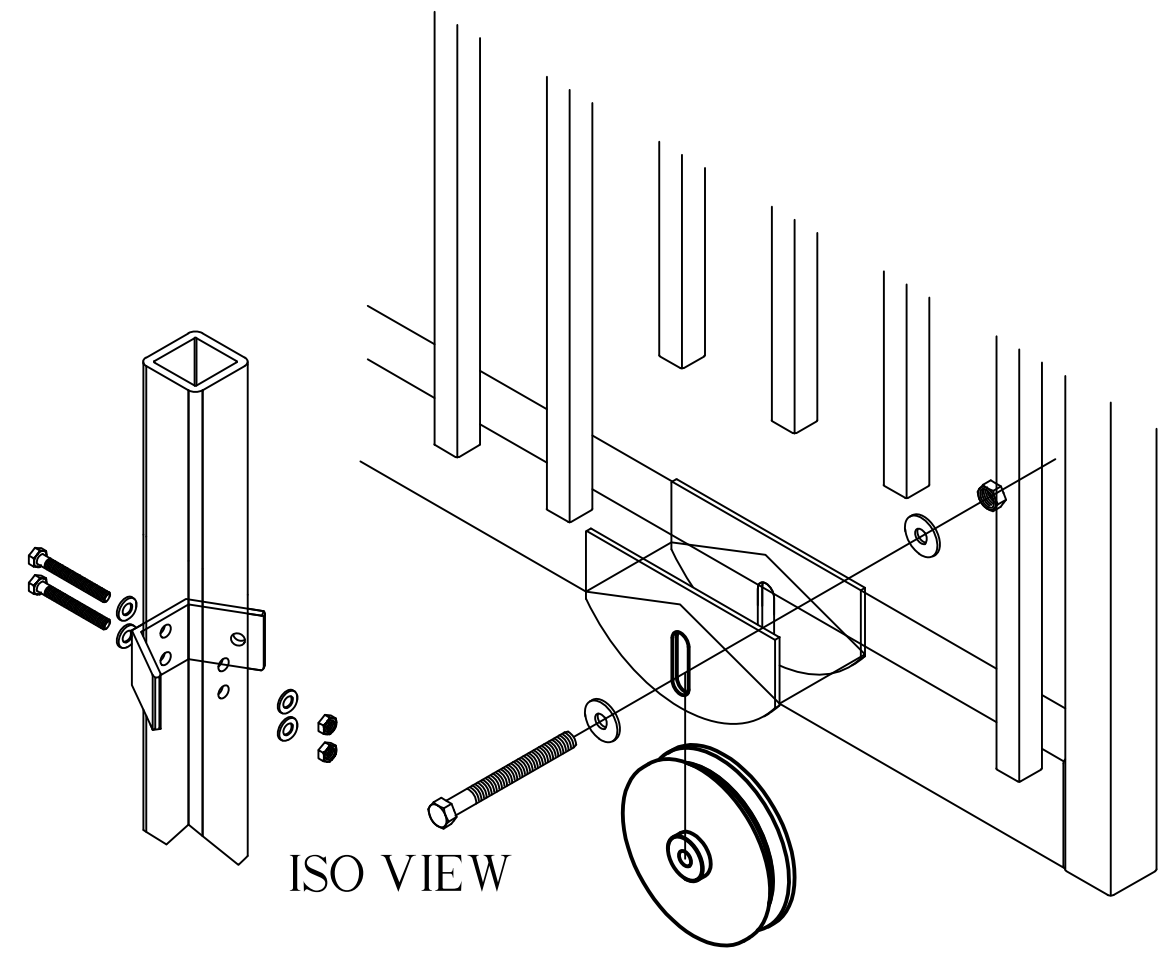
BID # 041-25

HZ PROJECT NO.: R31-7158.01
DRAWN BY: P. ROBERTS
REVIEWED BY: K. CARLSON
APPROVED BY: A.SCHULTZ

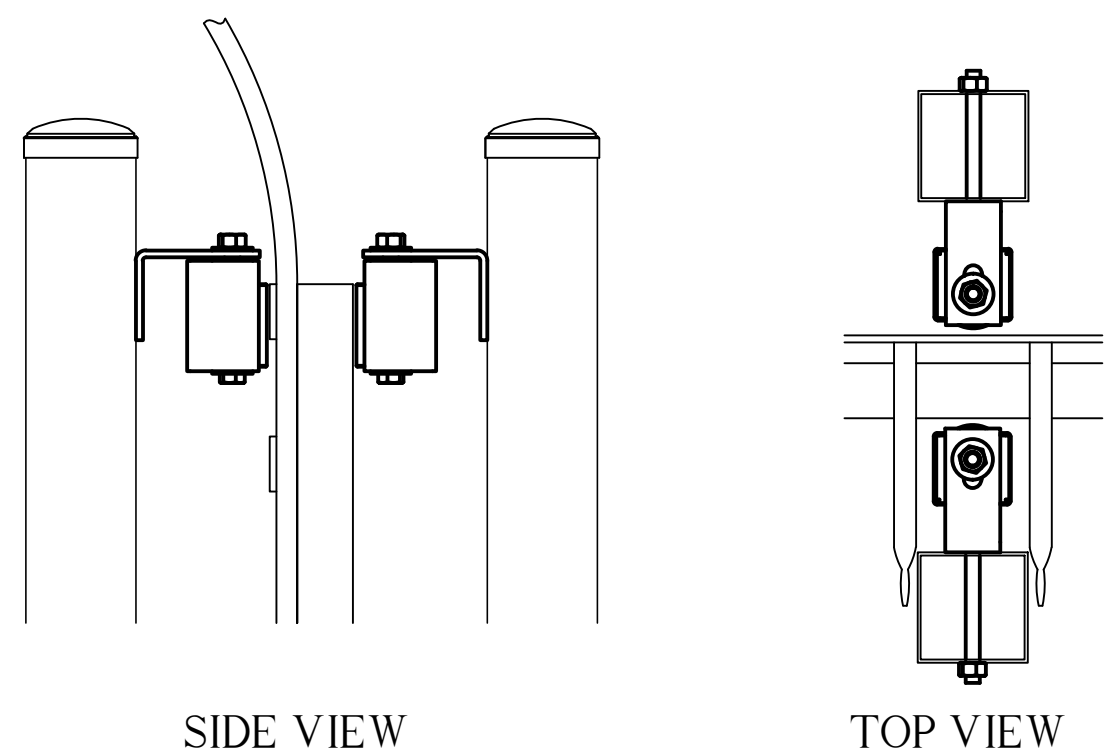
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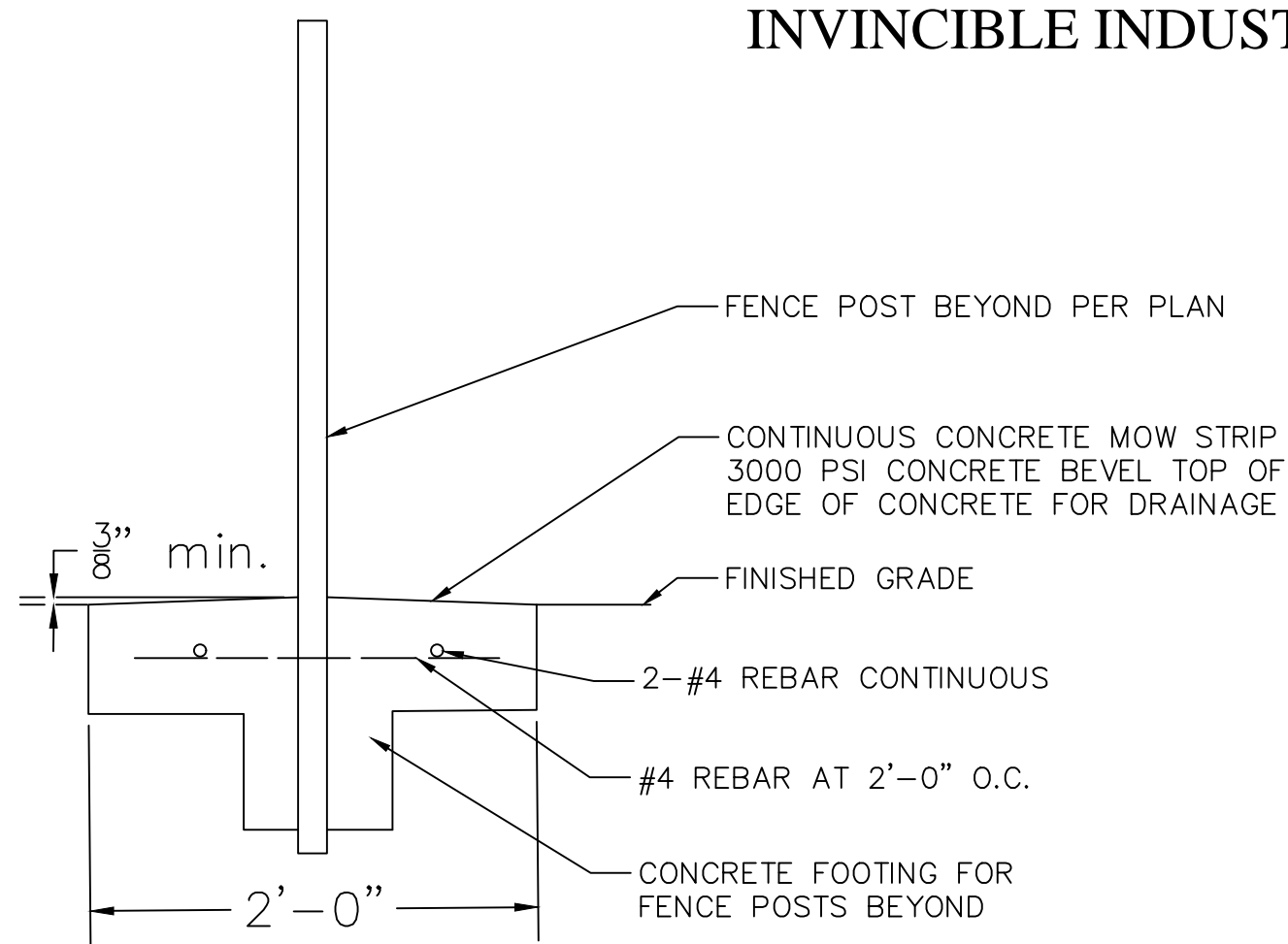
ISO VIEW
DETAIL A



ISO VIEW
DETAIL B



SIDE VIEW
TOP VIEW
DETAIL C



MOW STRIP DETAIL

- GENERAL NOTE:
1. ALL CONCRETE USED IN FOOTING SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 300 PSI @ 28 DAYS.
 2. ALL TUBULAR STEEL POSTS SHALL BE INSTALLED PLUMB, SQUARE AND LEVEL.
 3. 1" DEPTH CONTROL JOINTS SHALL BE INSTALLED PERPENDICULARLY AT BETWEEN POSTS UNLESS NOTED OTHERWISE ALONG ENTIRE LENGTH OF MOW STRIP

WARNING:
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GENERAL DETAILS

BID # 041-25

HZ PROJECT NO.:	R31-7158.01
DRAWN BY:	P. ROBERTS
REVIEWED BY:	K. CARLSON
APPROVED BY:	A.SCHULTZ

C-4

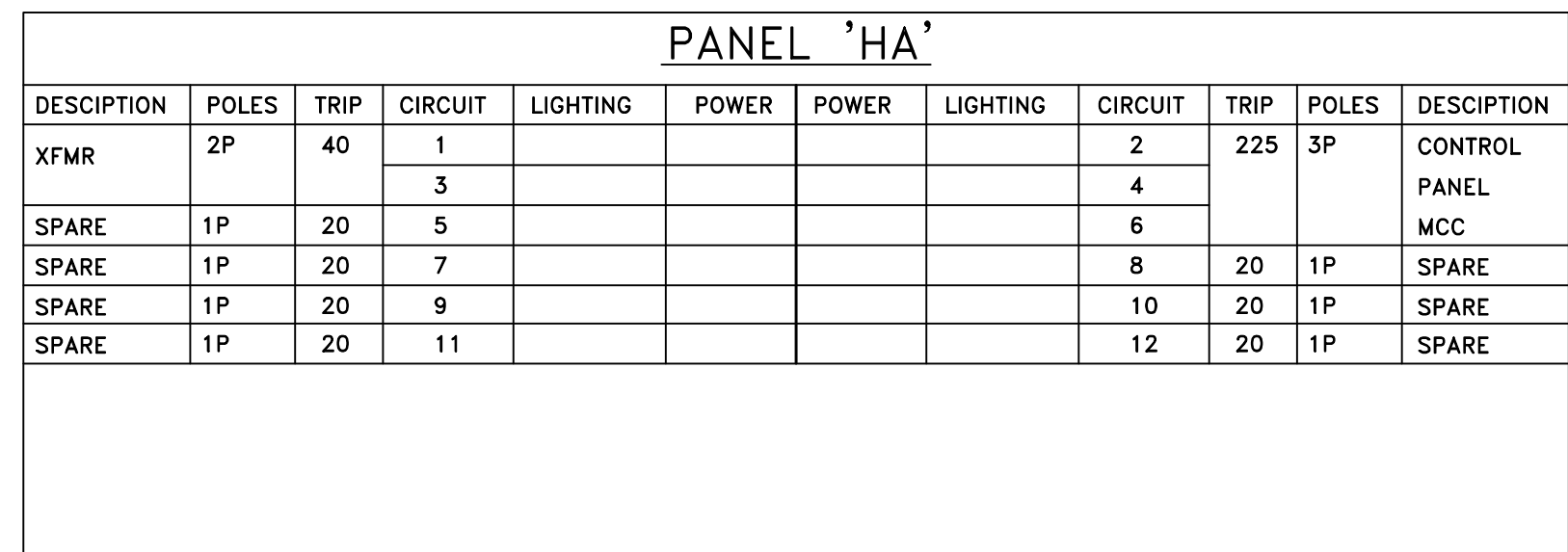


Diagram illustrating the installation of a generator receptacle. The components and labels shown are:

- EXTERIOR WALL
- RACK SUPPORT
- ANCHOR BOLTS
- 18"x18"x 1/4" STEEL PLATE PAINT TO MATCH WALL
- BACK BOX
- 24" AFF
- GENERATOR RECEPTACLE
- ANGLE ADAPTER
- RECEPTACLE KILLARK CAT. I.D. VP204612
- 36" ABOVE MECHANICAL PAD
- COORDINATE WITH LOCAL AUTHORITIES FOR E.G. CONNECTOR REQUIREMENTS
- HUB STRAIGHT
- CONDUIT

CONTRACTOR SHALL DRILL ACCESS COVER AND INSTALL "LOCKTITE" CAT. NO. 32009 TWO BOLT HOLE GROUND LUG. BOLTS SHALL BE 3/8" DIA. OUTSIDE BOLT SHALL BE 1" IN LENGTH. INTERIOR BOLT SHALL BE REQUIRED LENGTH. BOLT AND NUT SHALL BE COPPER. GROUND LUG SHALL BE PROVIDED ON INSIDE OF BACK BOX AND GROUNDING CONDUCTOR SHALL BE EXTENDED FROM THIS LOCATION TO GROUND BAR IN TRANSFER SWITCH.

#10 G, 3/4"

GENERATOR RECEPTACLE INSTALLATION
N.T.S.

E-1

WARNING:

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Scott P Parma

STATE OF TEXAS

SCOTT P. PARMA

75690

LICENSED PROFESSIONAL ENGINEER

8/14/2025

Huitt-Zollars, Inc.
Firm Registration No. F-761

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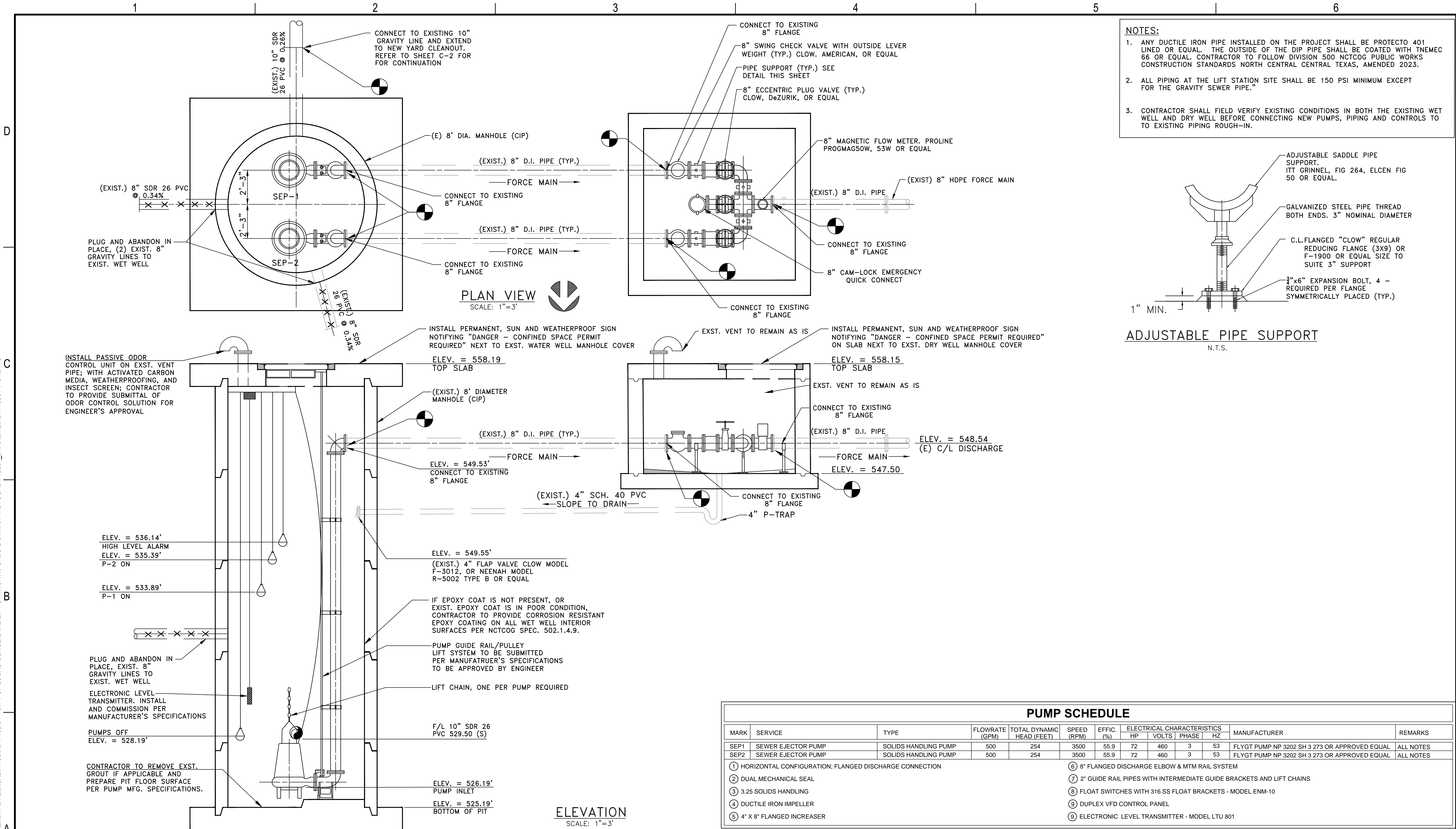
ELECTRICAL SPECIFICATIONS

BID # 041-25

HZ PROJECT NO.: R31-7158.01
DRAWN BY: P. ROBERTS
REVIEWED BY: K. CARLSON
APPROVED BY: A.SCHULTZ

E-2

YMONDRIGUEZ 08/22/2025 10:36AM \\H:\SRV\DAL\DISK2\PROJ\R317158.01 - CITY OF LUCAS-OSAGE LANE LIFT STATION\10 CADD & BIM\10.1 AUTOCAD\715801.DWG\SITE\R31715801-P-01.DWG



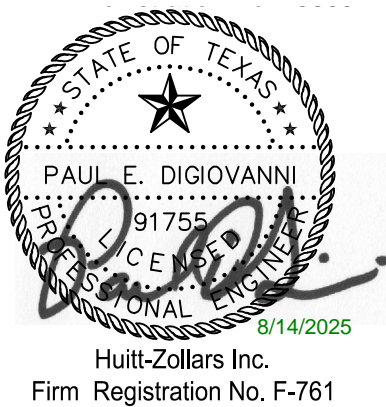
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PLUMBING PLAN

BID # 041-25

HZ PROJECT NO.: R31-7158.01
DRAWN BY: P. ROBERTS
REVIEWED BY: K. CARLSON
APPROVED BY: A. SCHULTZ

P-1