



AESTHETICALLY IMPROVE LIFT STATION FENCING

EDINBURG CITY COMMISSION

RICHARD MOLINA	MAYOR
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RON GARZA	CITY MANAGER

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LOCATION MAP
N.T.S.



LIFT STATION 5 **VICINITY MAP**
CITY OF EDINBURG POP. 87,650 N.T.S.

PROJECT: **AESTHETICALLY IMPROVE LIFT STATION FENCING**

SHEET NAME: **COVER SHEET**

SCALE: N.T.S.	APPROVED BY: P. LONGORIA	PROJECT ADDRESS:	351 N. 5TH AVE.
BID NO.: 2020-74	DRAWN BY: G. RODRIGUEZ		EDINBURG, TX 78539
DATE: 09/02/2020	REVISED ON: N/A		



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GENERAL NOTES:

1. ALL IMPROVEMENTS TO BE IN ACCORDANCE WITH THE CITY OF EDINBURG CODES.
2. CONTRACTOR TO PLAN AND PERFORM HIS WORK IN A MANNER THAT WILL PERMIT SAFE PUBLIC TRAFFIC MOVEMENT ON ALL STREETS.
3. CONTRACTOR TO BE RESPONSIBLE FOR PROTECTION AND / OR SAFETY OF THE WORK SITE. WORKERS, SUB-CONTRACTORS, MATERIALS AND / OR EQUIPMENT.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND AT CONTRACTOR'S EXPENSE.
5. CONTRACTOR SHALL GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS, OR PERSONS IN CHARGE OF PRIVATE AND PUBLIC UTILITIES AFFECTED BY HIS OPERATIONS PRIOR TO COMMENCEMENT OF WORK. NOTIFY TEXAS ONE CALL FOR UTILITIES LOCATIONS PRIOR TO ANY AND ALL EXCAVATIONS.
6. UPON COMPLETION OF CONSTRUCTION CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONTOURS UNLESS DIFFERENT FINISHED ELEVATIONS ARE SHOWN ON PLANS. CONTRACTOR TO INSURE NO AREAS OF PONDING ARE PRESENT. UPON COMPLETION OF CONSTRUCTION CONTRACTOR SHALL RETURN THE SITE TO ORIGINAL CONDITIONS INCLUDING BUT NOT LIMITED TO BACKFILL, TOP SOIL, HYDRO MULCH, ETC.
7. CONCRETE NOTES:
 - A. ALL CONCRETE WORK TO BE FORMED, UNLESS OTHERWISE APPROVED.
 - B. ALL CONCRETE TO BE 4,000- PSI MINIMUM AT 28 DAYS, UNLESS OTHERWISE SHOWN. STRENGTH TO BE DETERMINED BY CYLINDER BREAK TEST.
 - C. ALL REINFORCING STEEL TO BE ASTM A-615, GRADE 60, UNLESS OTHERWISE SHOWN.
 - D. ALL EXPOSED CONCRETE WORK TO BE CHAMFERED.
 - E. CONTRACTOR TO READ ALL CONCRETE SPECIFICATION NOTES ANY QUESTIONS CONTACT CITY ENGINEER.
8. CONTRACTOR TO INSURE SAME DAY ACCESS TO ALL RESIDENCE AND BUSINESSES ADJACENT TO CONSTRUCTION.
9. DEMOLITION, REMOVAL & DISPOSAL OF ALL EXCESS CONCRETE, CURBS, RUBBLE, ETC. TO BE DONE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
10. PRIOR TO CONSTRUCTION, CONTRACTOR, WASTEWATER SUPERINTENDENT, AND ENGINEER TO PERFORM ON-SITE FIELD INSPECTION TO DOCUMENT EXISTING CONDITIONS (NOTES & PHOTOS).
11. CONTRACTOR TO CONTACT ALL UTILITIES COMPANIES IN THE AREA FOR FIELD VERIFICATION OF EXISTING FACILITIES.
12. CONTRACTOR TO EXPOSE ANY EXISTING FACILITIES THAT MAY BE IN CONFLICT PRIOR TO START OF EXCAVATION.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL EXCAVATED MATERIAL AND DEBRIS FROM THE SITE.
14. CONTRACTOR SHALL AT TIMES ALLOW ACCESS TO EXISTING DRIVEWAYS OR PROVIDE / MAINTAIN ALTERNATIVE ALL-WEATHER ROUTES.
15. ALL TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE WITH THE TEXAS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION. TRENCHES OR EXCAVATIONS MAY NOT BE LEFT OPEN OVERNIGHT.
16. ANY DAMAGES TO FENCES, WALKS OR PRIVATE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
17. ALL CONSTRUCTION MATERIALS TESTING WILL BE COORDINATED THROUGH CITY OF EDINBURG PLANNING & CODE ENFORCEMENT DEPARTMENT.

SCOPE OF WORK

Project to consist of building and installation of an 8' high block fence, with an 8' high aluminum gate. Concrete slab to be poured over existing ground. Contractor to coordinate with lift station superintendent, and city engineer.

Coating - 15-year warranty

Workmanship - 5-year warranty

UTILITIES COORDINATION NOTES:

1. 48 HOURS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE OWNER OR ENGINEER (956-388-8211) TO COORDINATE INSPECTION SERVICES.
2. ANY DAMAGE CAUSED TO EXISTING STRUCTURES AND/OR UTILITIES BY THE CONTRACTOR SHALL BE THE CONTRACTORS RESPONSIBILITY TO CORRECT AT HIS EXPENSE.
3. ANY DAMAGE TO PROPERTY, OUTSIDE THE CONSTRUCTION ZONE, CAUSED BY THE CONTRACTOR, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT AT HIS EXPENSE.

THE CONTRACTOR SHALL NOTIFY PARTIES AFFECTED BY CONSTRUCTION ACTIVITIES A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION. THE FOLLOWING ARE TELEPHONE NUMBERS FOR THE ENTITIES MOST LIKELY TO BE AFFECTED:

- TEXAS 811.....811
- TEXAS ONE CALL SYSTEM.....(800) 245-4545
- TEXAS EXCAVATION SAFETY SYSTEM....(800) 344-8377
- LONE STAR NOTIFICATION COMPANY...(800) 669-8344
- AT&T.....(800) 288-2020
- CENTRAL POWER AND LIGHT (CP&L)....(800) 274-2611
- AMERICAN ELECTRIC POWER (AEP).....(877) 373-4858
- SOUTHERN UNION GAS CO.....(800) 743-2945
- US SPRINT CP.....(956) 948-3100
- TIME WARNER CABLE (SPECTRUM).....(800) 222-5355
- CITY OF EDINBURG UTILITIES DEPT.....(956)388-8212

CONSTRUCTION MATERIAL CALCULATIONS

COMPONENT	MATERIAL	QUANTITY	MEASUREMENT
CONCRETE	CONCRETE	18	C.Y.
GATE	ALUMINUM	1	E.A

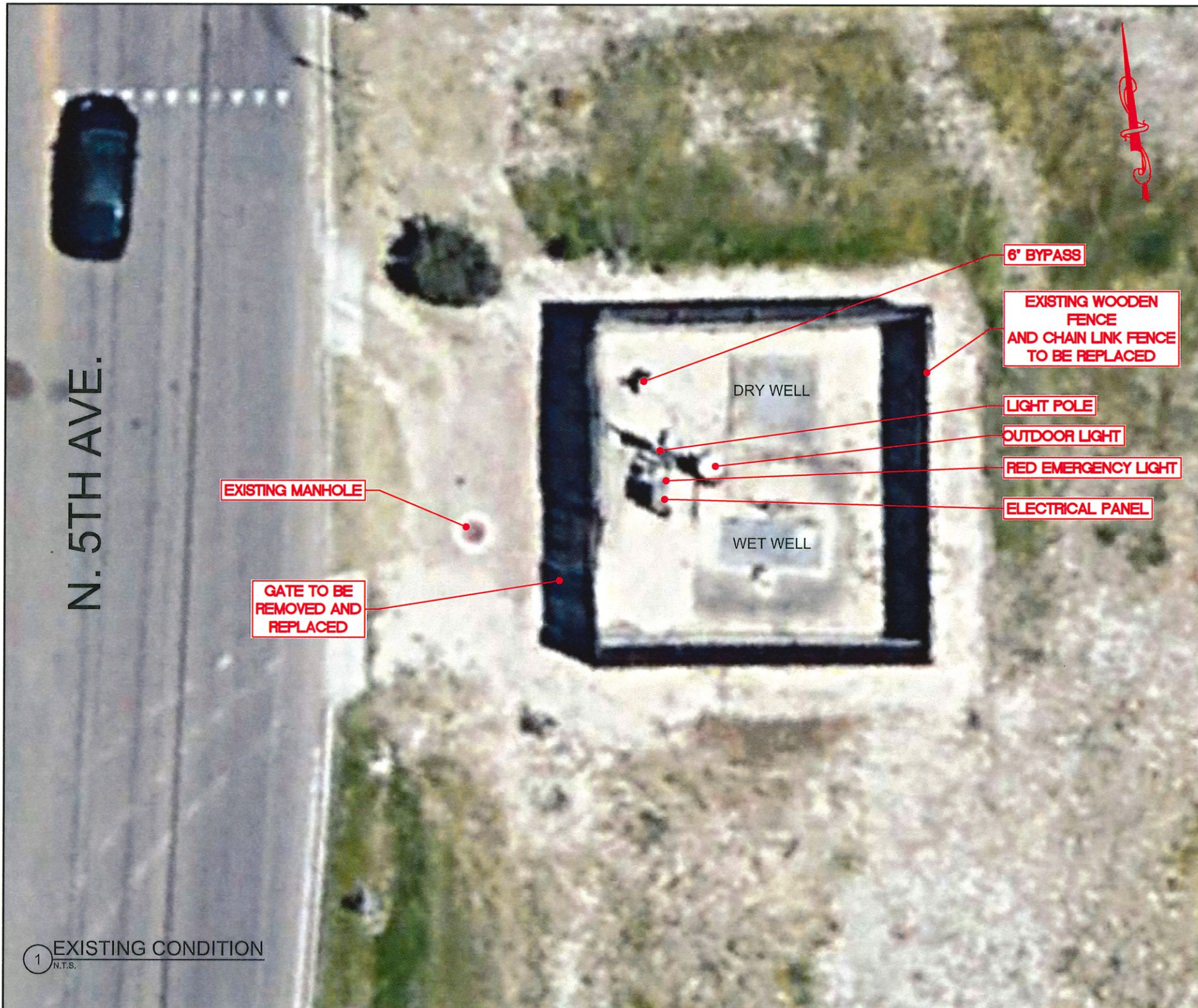
PROJECT: **AESTHETICALLY IMPROVE LIFT STATION FENCING**

SHEET NAME: **GENERAL NOTES**

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1 EXISTING CONDITION
N.T.S.



2 EXISTING INTERIOR CONDITIONS
N.T.S.



3 EXISTING INTERIOR CONDITIONS
N.T.S.

PROJECT: AESTHETICALLY IMPROVE LIFT STATION FENCING

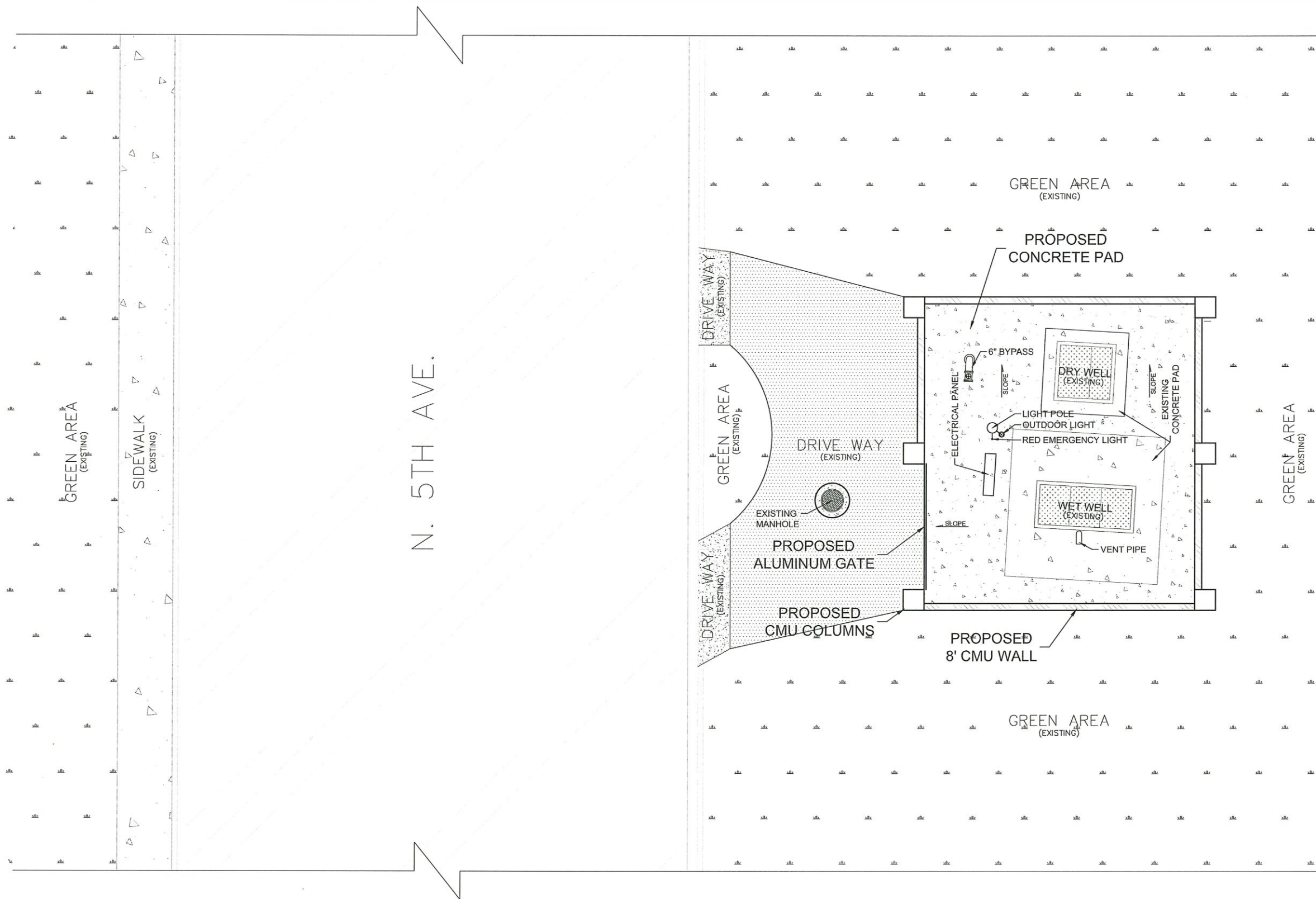
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PROJECT: **AESTHETICALLY IMPROVE LIFT STATION FENCING**

SHEET NAME: **FENCE LAYOUT AND WALL DETAIL**

SCALE: AS NOTED
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 DATE: 09/02/2020

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 DRAWN BY: G. RODRIGUEZ
 REVISED ON: N/A

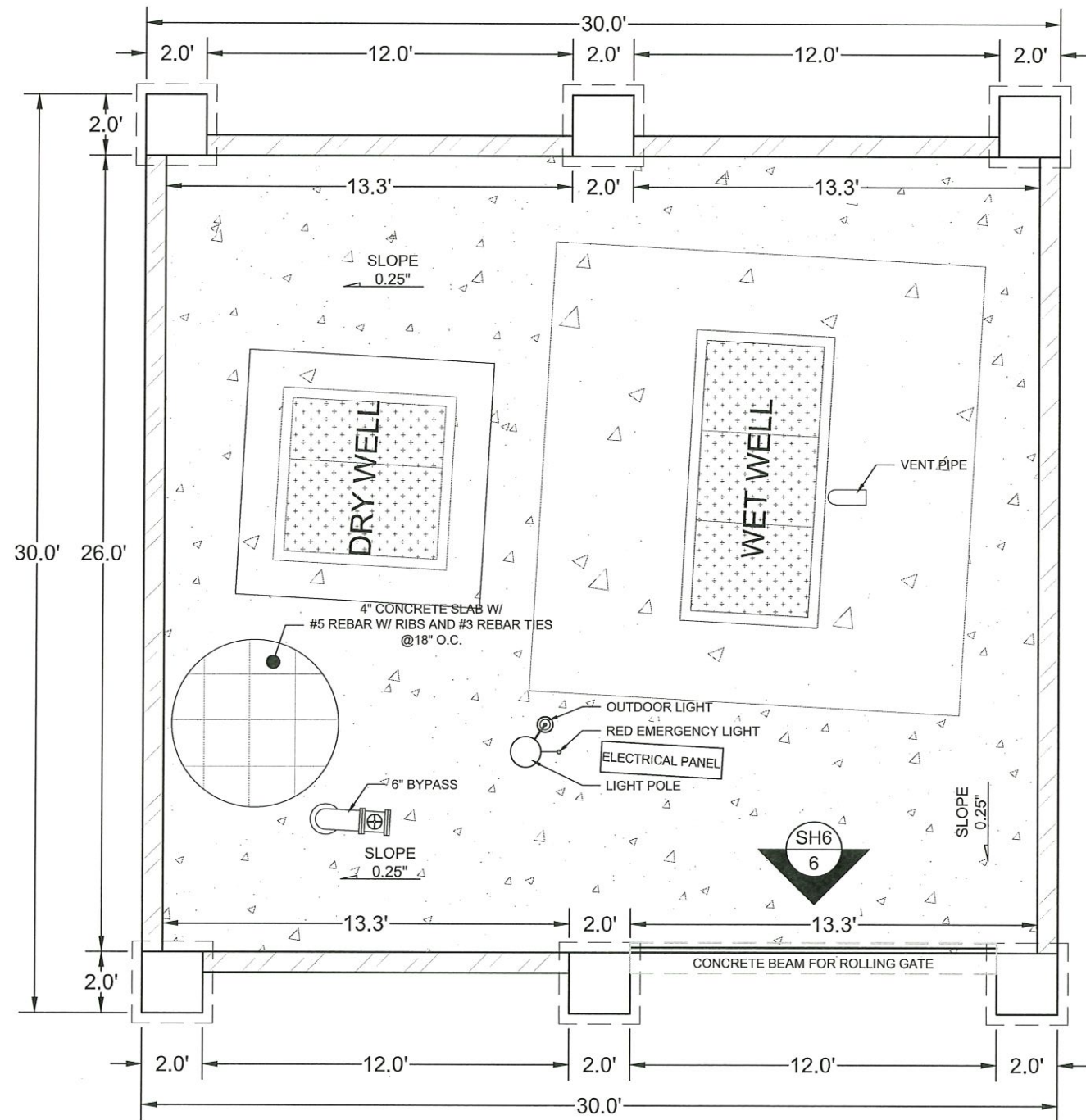
PROJECT ADDRESS: **351 N. 5TH AVE.
 EDINBURG, TX 78539**



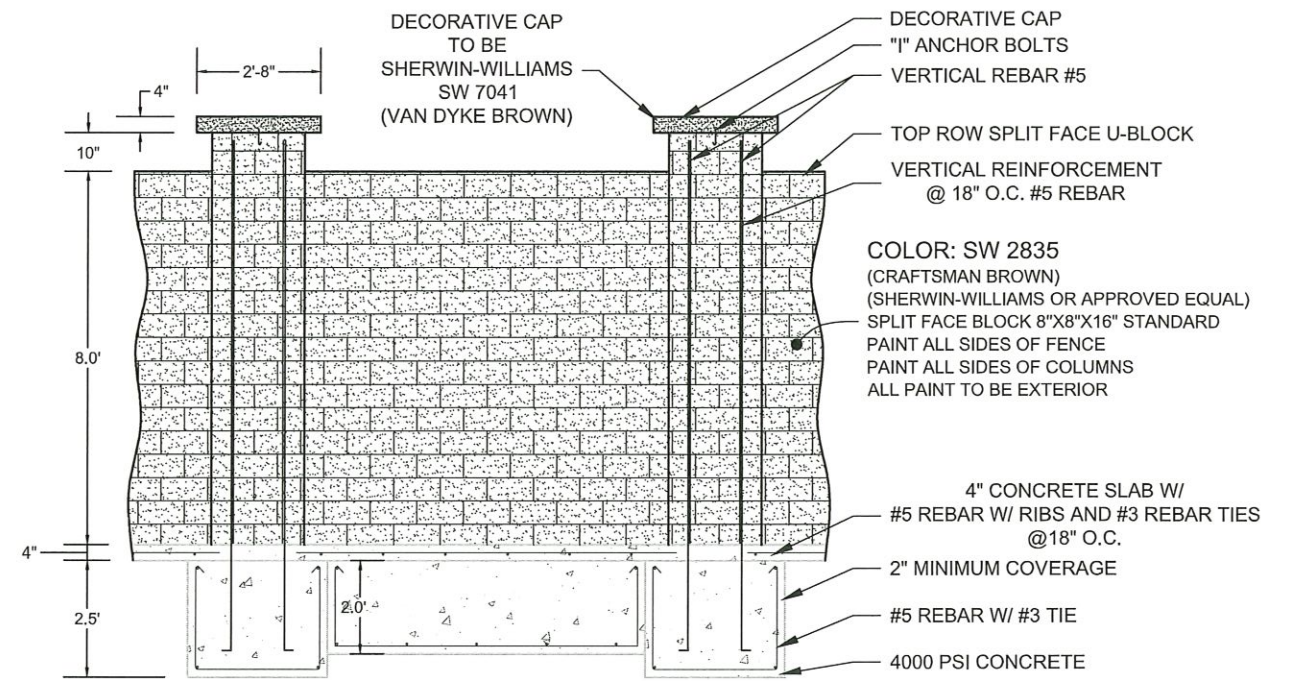
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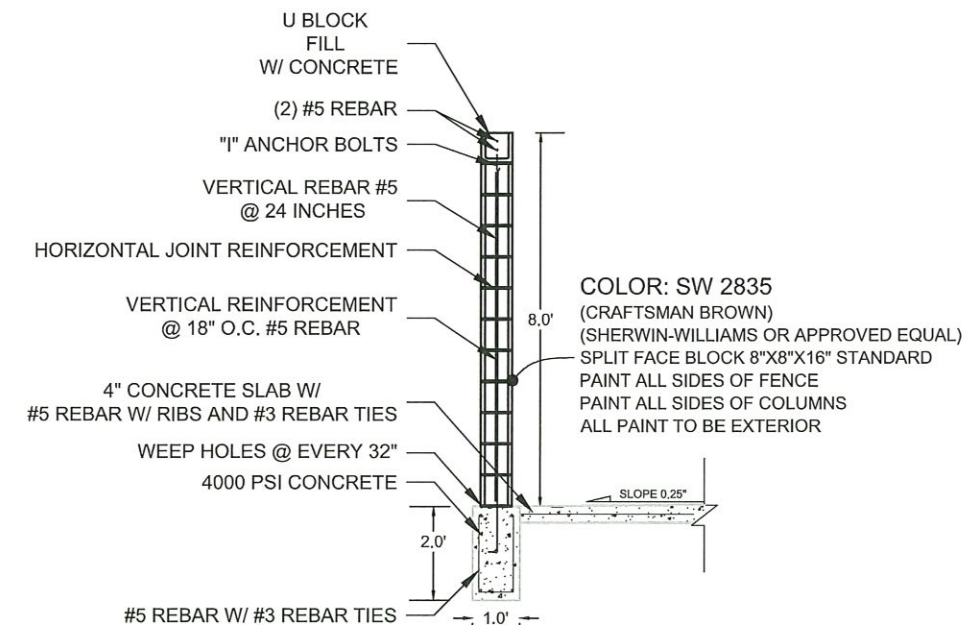




1 FENCE LAYOUT
1:5



2 WEST ELEVATION
1:4



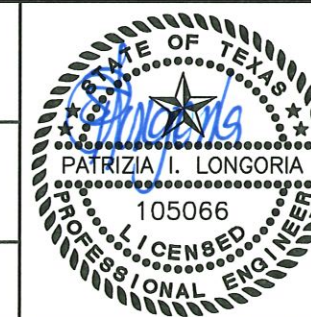
3 WEST ELEVATION
1:4

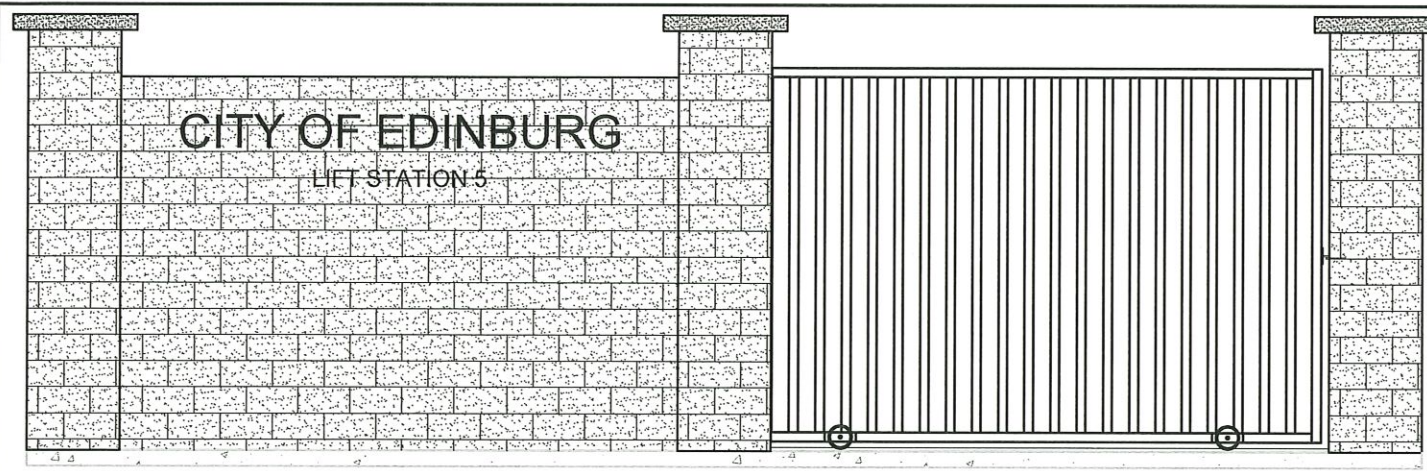
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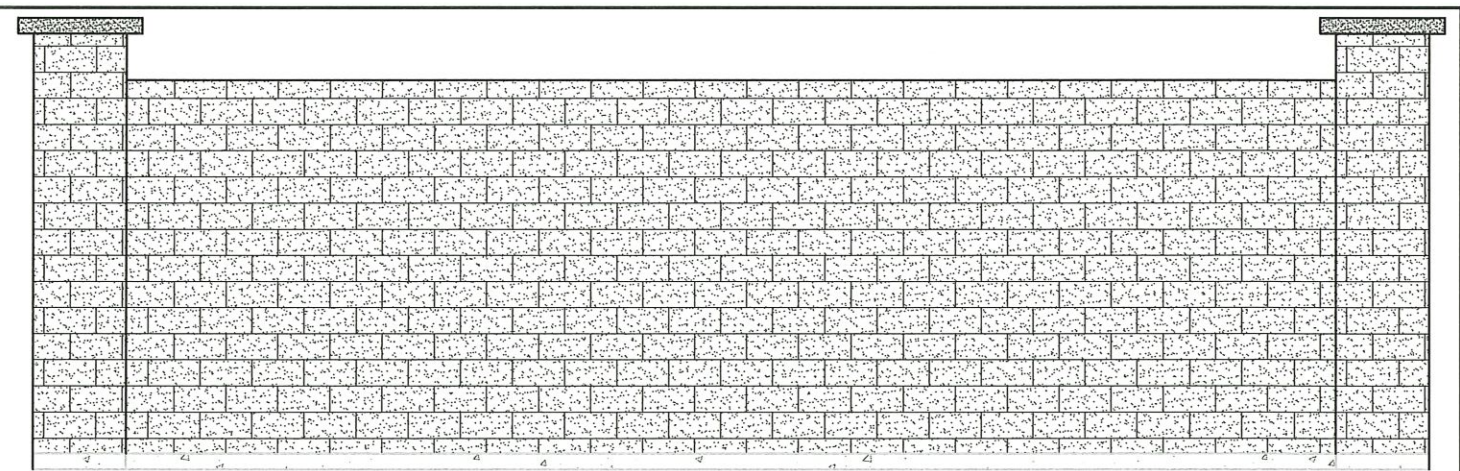
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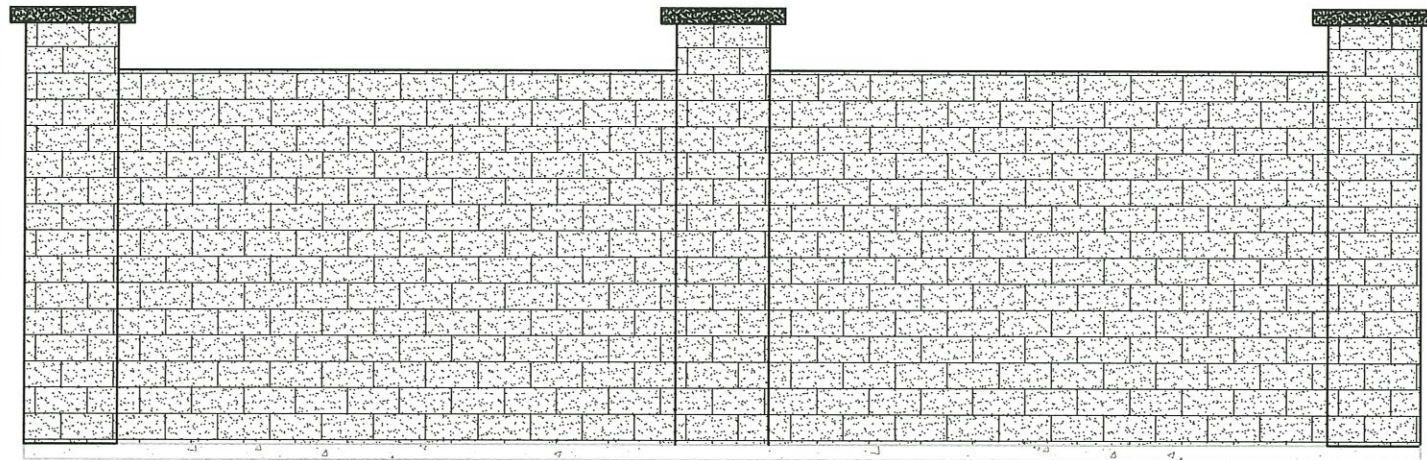




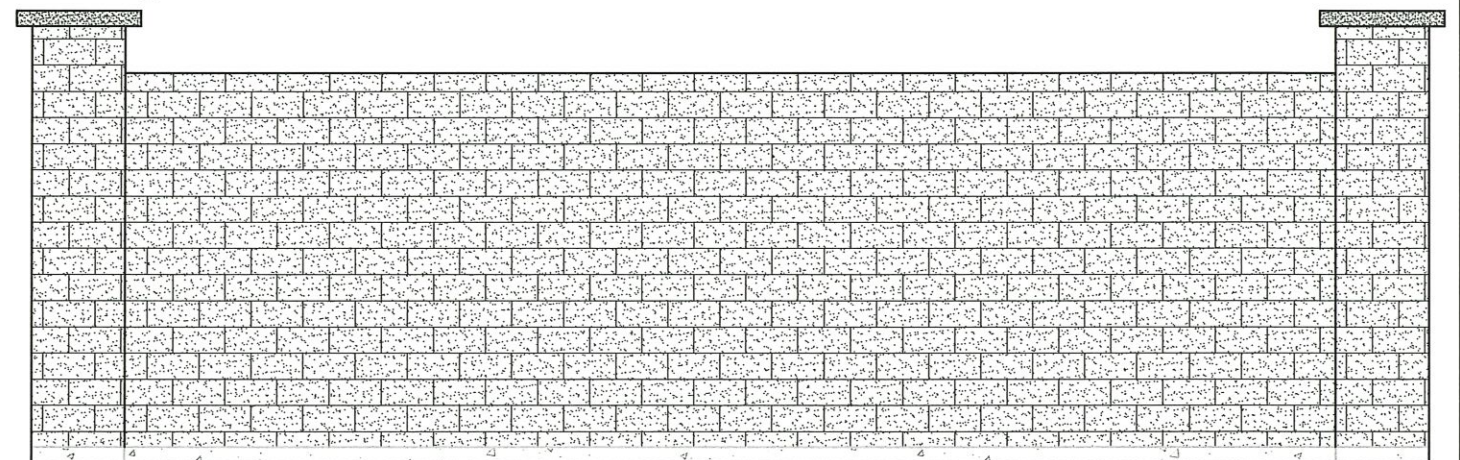
1 WEST ELEVATION
1/4



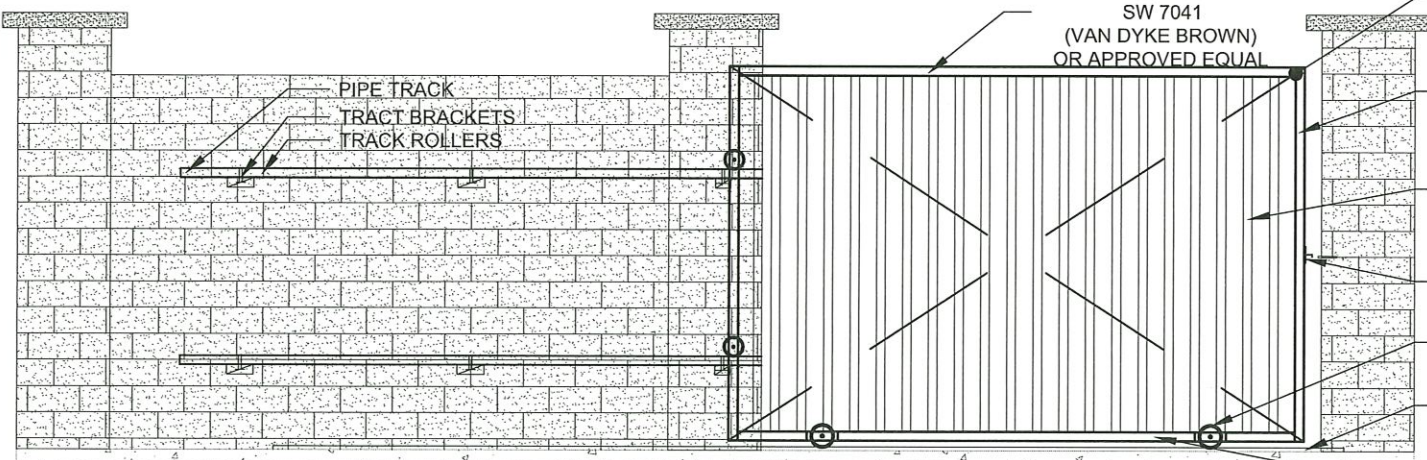
2 NORTH ELEVATION
1/4



3 EAST ELEVATION
1/4



4 SOUTH ELEVATION
1/4



5 ALUMINUM COMMERCIAL ROLL GATE
1/4

ALUMINUM FENCE TO BE
SHERWIN-WILLIAMS
SW 7041
(VAN DYKE BROWN)
OR APPROVED EQUAL

12' X 4" X 8'
ALUMINUM COMMERCIAL
ROLLING GATE
W/ DIAGONAL SUPPORT

4" X 3" X 8"
WALL THICKNESS 1/4"
ALUMINUM TUBE

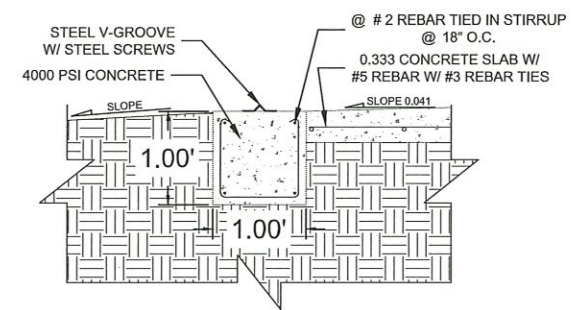
4" X 2" X 8"
WALL THICKNESS 1/4"
ALUMINUM TUBE
@ 4" O.C.

LOCKING DEVICE
W/ LATCH

ROLL-GATE WHEEL
ON V-GROOVE TRACK

V-GROOVE TRACK
DRILLED IN TO CONCRETE

ALL HARDWARE AND ACCESSORIES
TO BE ALUMINUM OR STAINLESS STEEL
AND BE ASME CERTIFIED



6 V-GROOVE DETAIL
1/4

PROJECT:

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SHEET NAME:

FENCE ELEVATION AND GATE DETAIL

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