

# PORT OF BROWNSVILLE

## OSTOS ROAD TRUCK STAGING ENTRANCE DRIVEWAY



1. COVER SHEET
2. ENTRANCE DRIVEWAY PLAN
3. ENTRANCE DRIVEWAY PROFILE
4. HEAD WALL DETAILS
5. STAGING AREA PROFILE
6. MAILBOX RELOCATION
7. MAILBOX DETAILS

**SITE**



**VICINITY MAP**

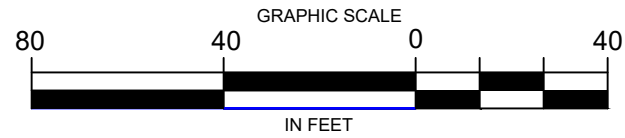
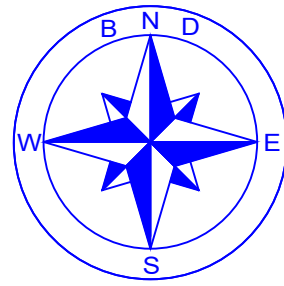
SCALE= NTS

**LOCATION MAP**

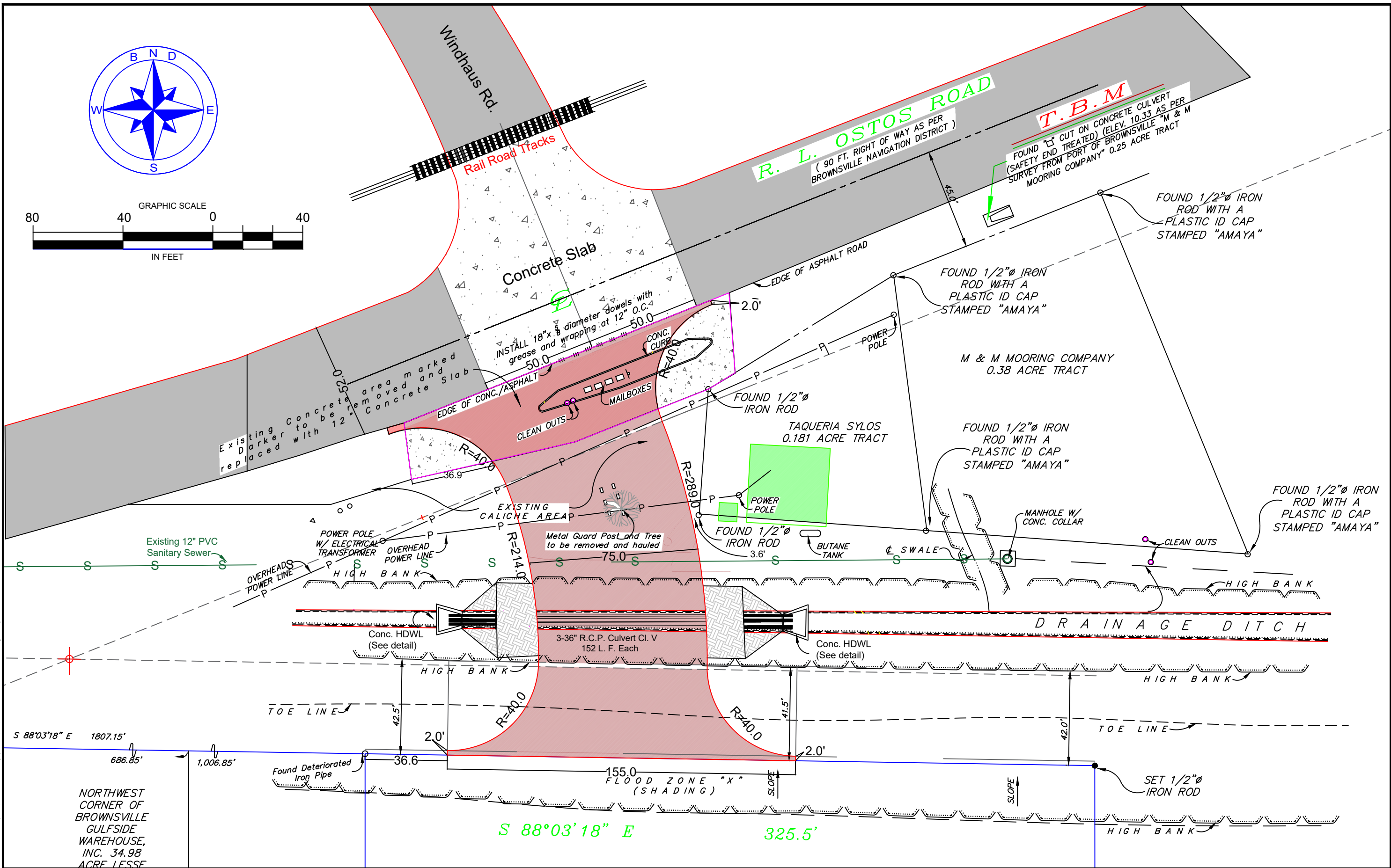


### PROJECT INFORMATION

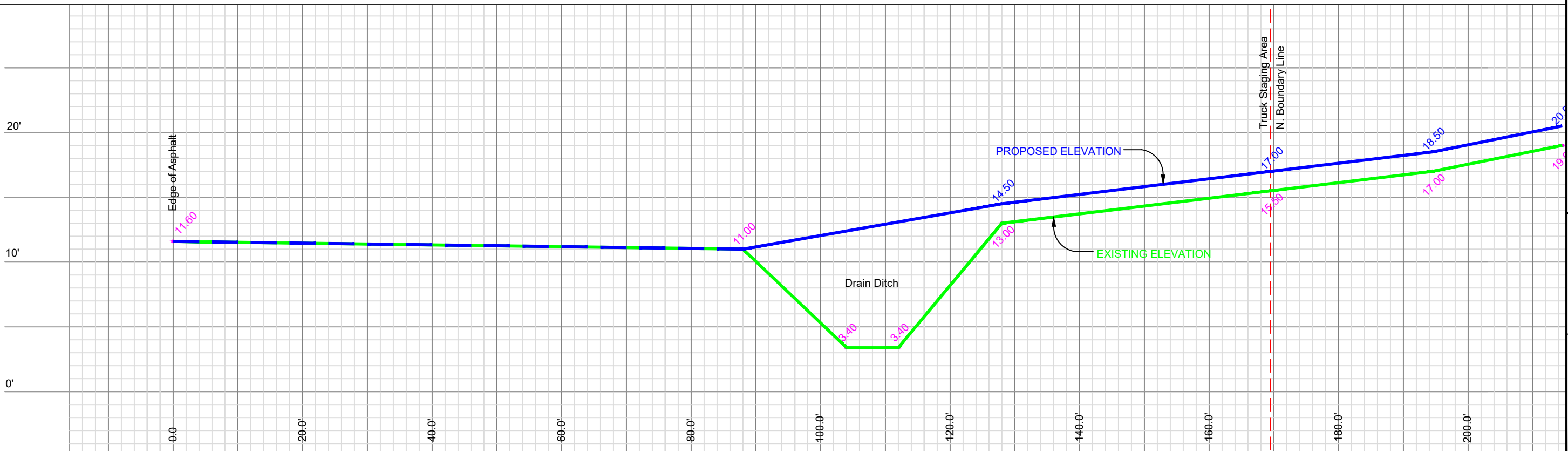
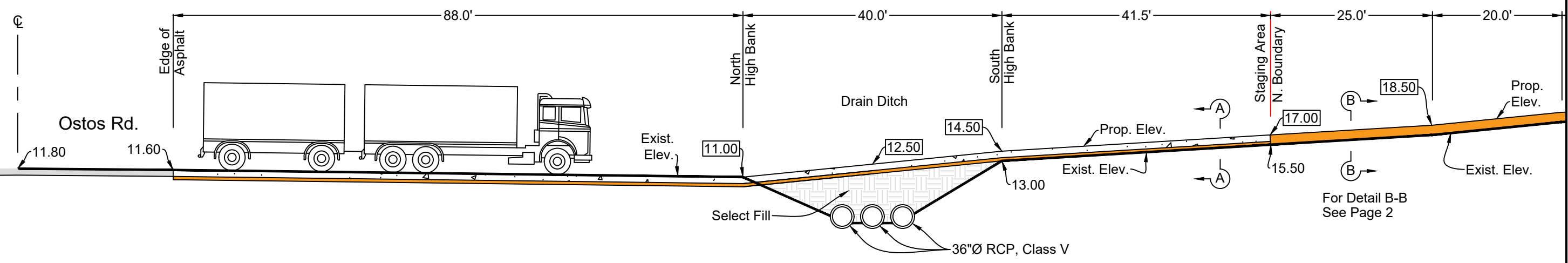
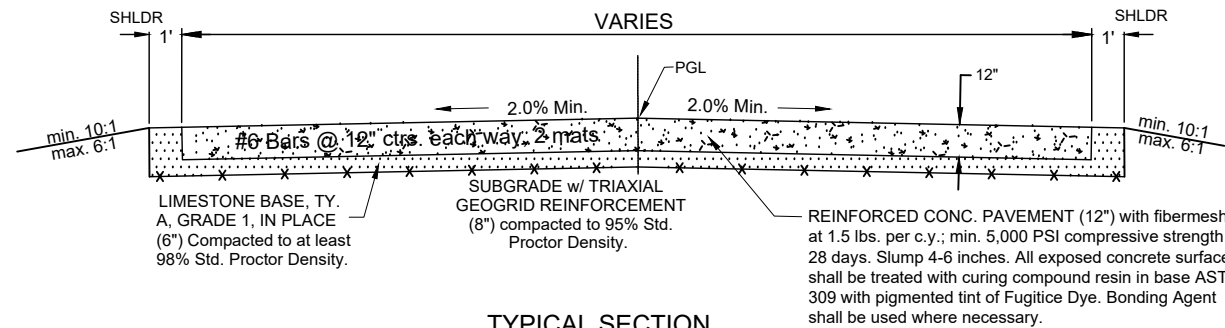
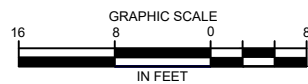
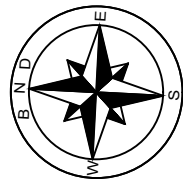
BROWNSVILLE NAVIGATION DISTRICT  
1000 CAPT. D.L. FOUST ROAD  
BROWNSVILLE, TEXAS 78521  
PHONE (956) 831-4592 1-800-378-5395  
FAX (956) 831-6153  
EMAIL [achavez@portofbrownsville.com](mailto:achavez@portofbrownsville.com)



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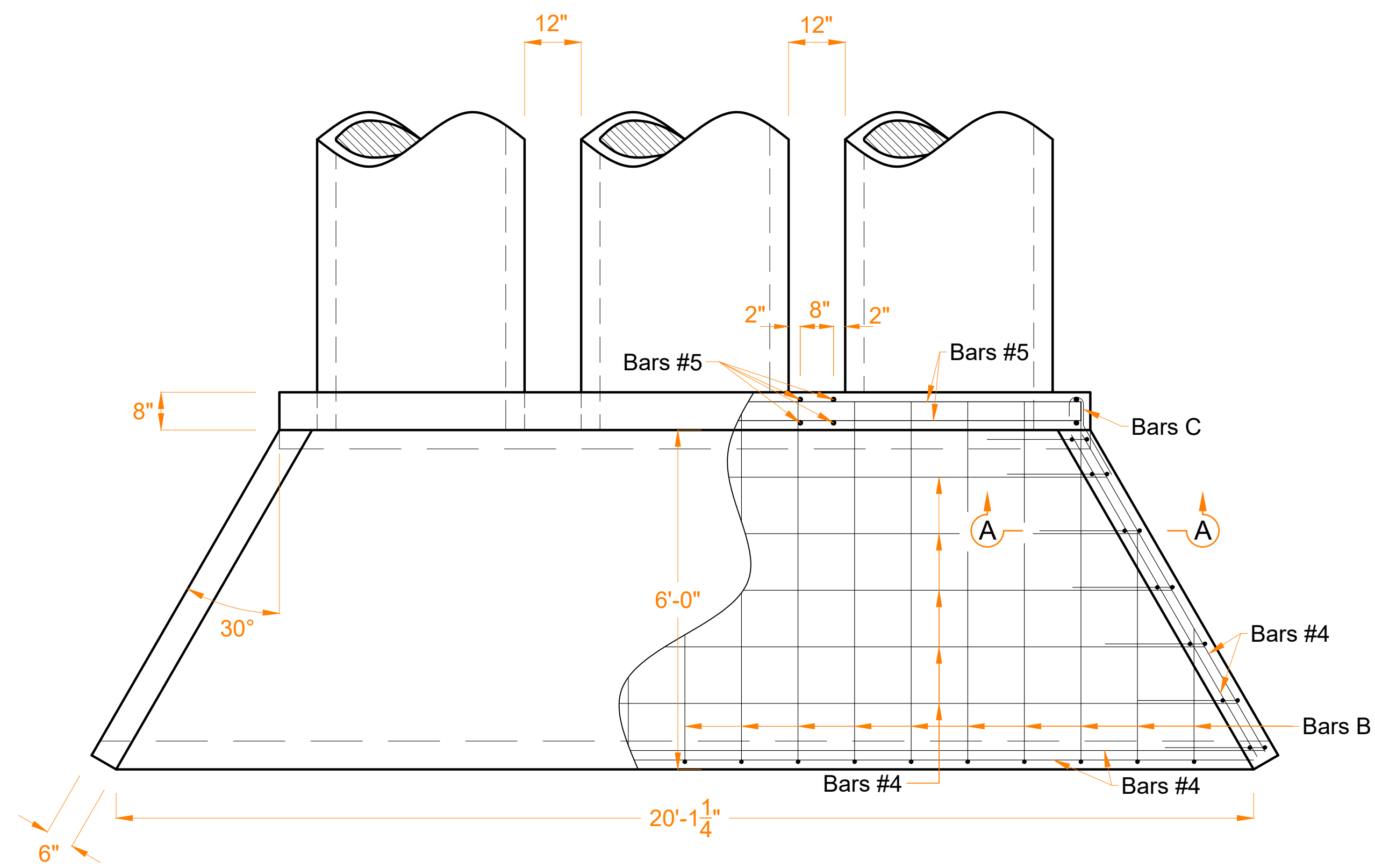
BROWNSVILLE NAVIGATION DISTRICT  
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PHONE (956) 831-4592 1-800-378-5395  
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EMAIL achavez@portofbrownsville.com



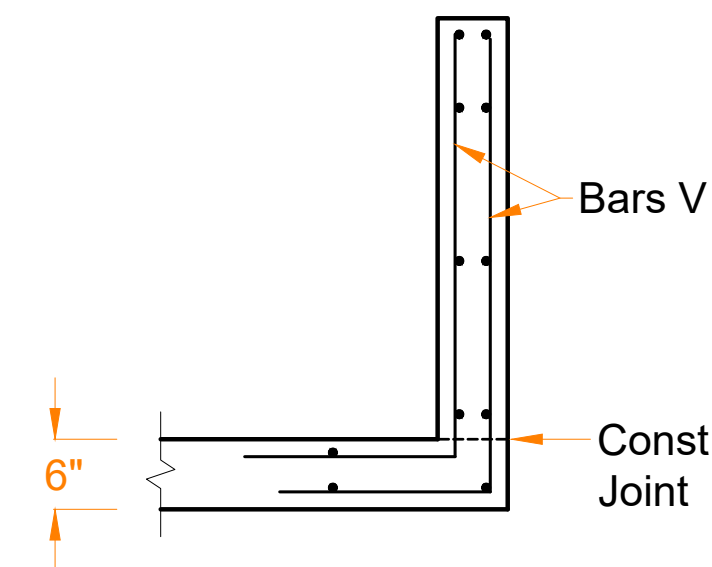
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|                           |  |
|---------------------------|--|
| DRAWN BY : P. ESQUIVEL    | APPROVED BY :  |
| DATE DRAWN : OCT. 2019    | REVISION DATE :  |
| CHECKED BY : A. CHAVEZ II | DWG. NO. :   |
| SCALE : AS SHOWN          | FILE NAME : C:\MY DRAWINGS\2019\OstosRoadTruckStagingArea\Entrance Profile.dwg |

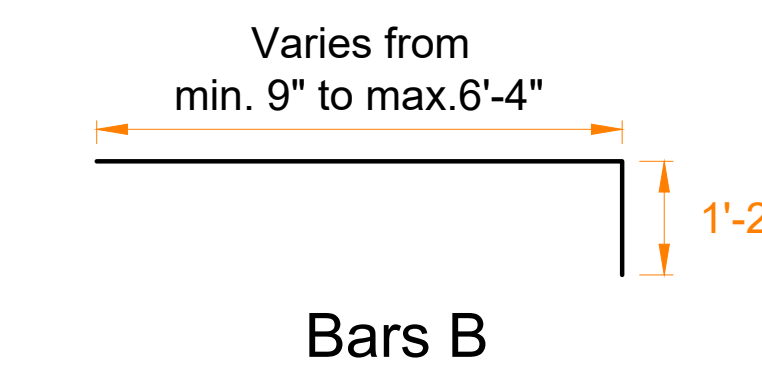




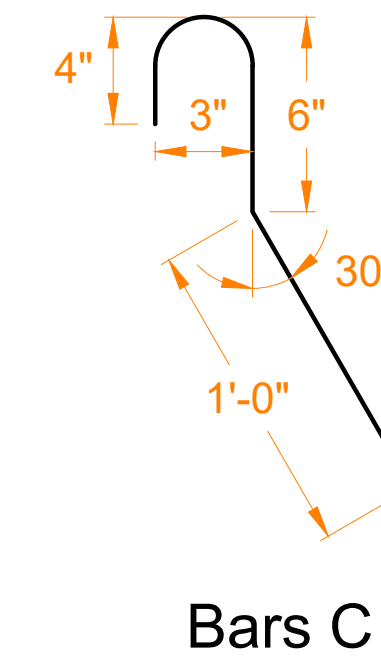
**TOP VIEW**



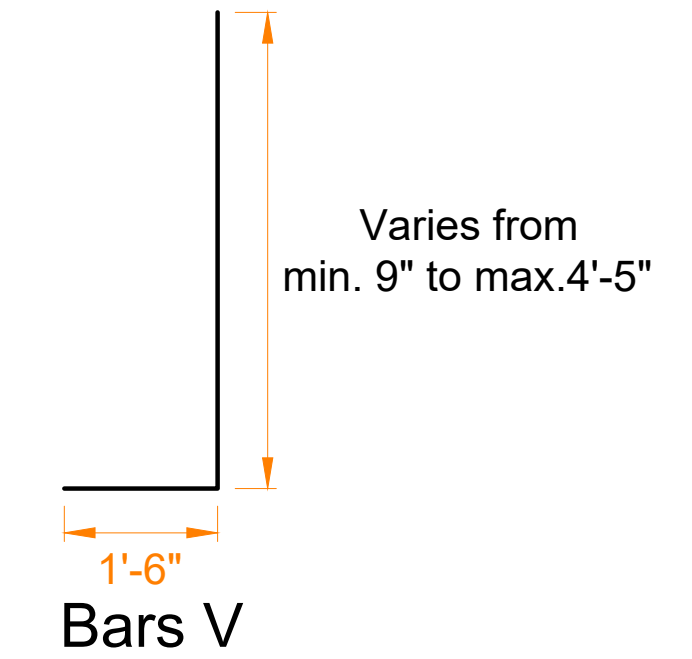
**CROSS SECTION A-A**



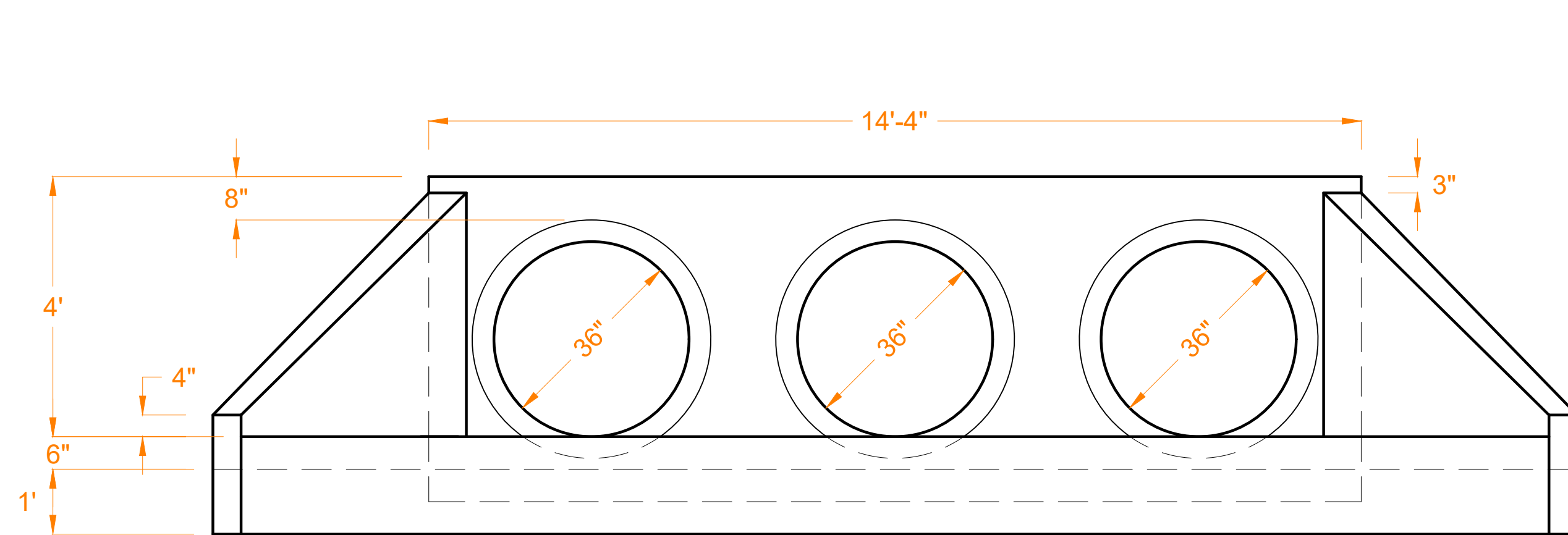
**Bars B**



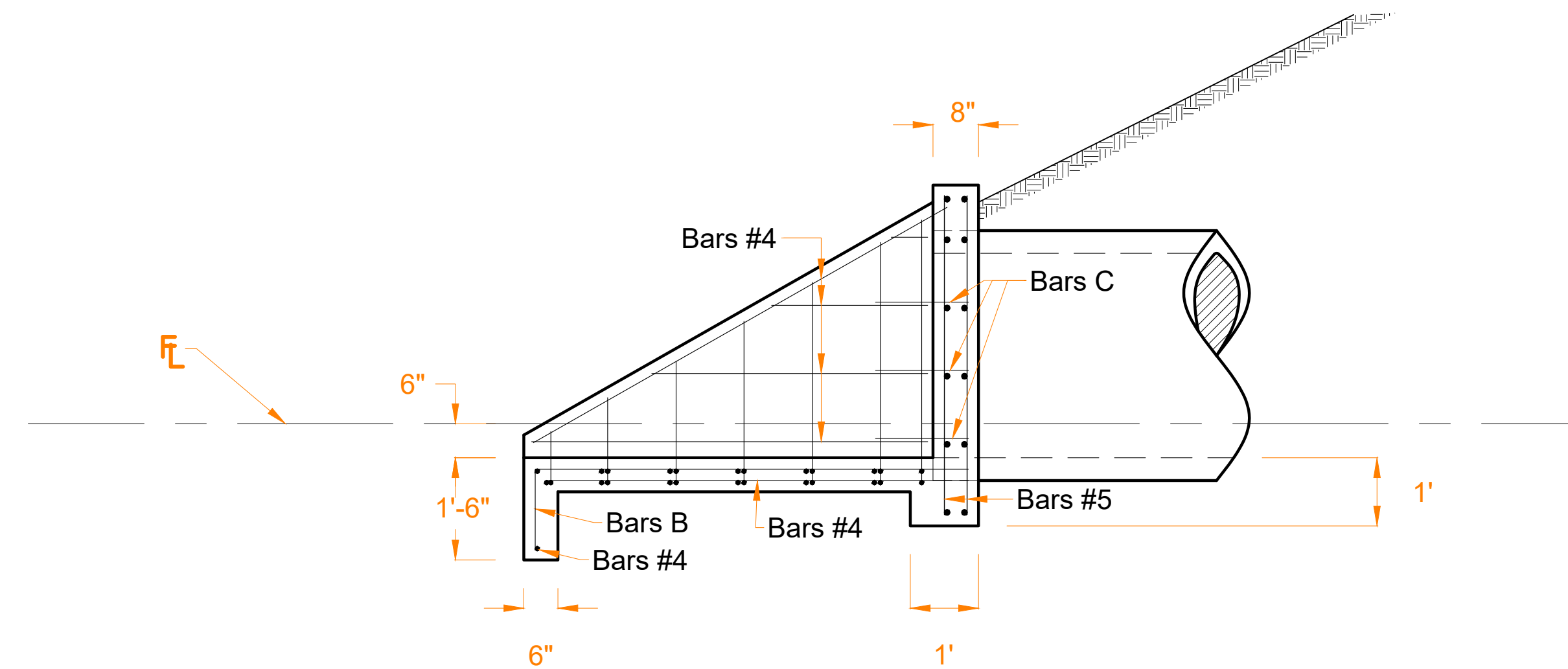
**Bars C**



**Bars V**



**FRONT VIEW**



**SIDE VIEW**

**NOTES:**

ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4".

ALL PIPES SHALL BE REINFORCED CONCRETE CLASS V, 7,000 PSI (BY OTHERS).

REINFORCING STEEL SHALL BE PLACED WITH THE CENTER OF THE OUTSIDE LAYER OF BARS 2" FROM THE SURFACE OF THE CONCRETE.

ALL REINFORCING STEEL SHALL BE GRADE 60.

ALL CONCRETE SHALL BE CLASS "C" AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.

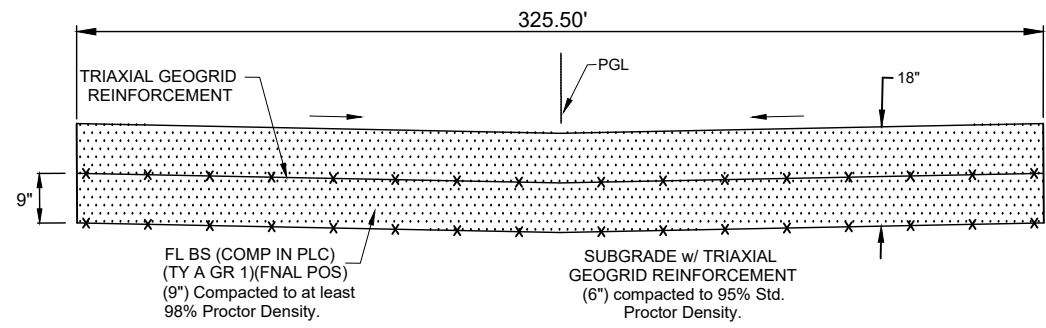
NO BRIDGE RAILS OF ANY TYPE MAY BE MOUNTED DIRECTLY TO THESE CULVERT HEADWALLS.

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|                            |  |
|----------------------------|--|
| DRAWN BY: P. ESQUIVEL      | APPROVED BY:   |
| DATE DRAWN: SEPT. 24, 2019 | REVISION DATE:   |
| CHECKED BY: A. CHAVEZ II   | DWG. NO.   |
| SCALE: N.T.S.              | FILE NAME: C:\MYDRAWINGS\9892\OstosRoadTruckStagingAreaHeadwallDetails.dwg |

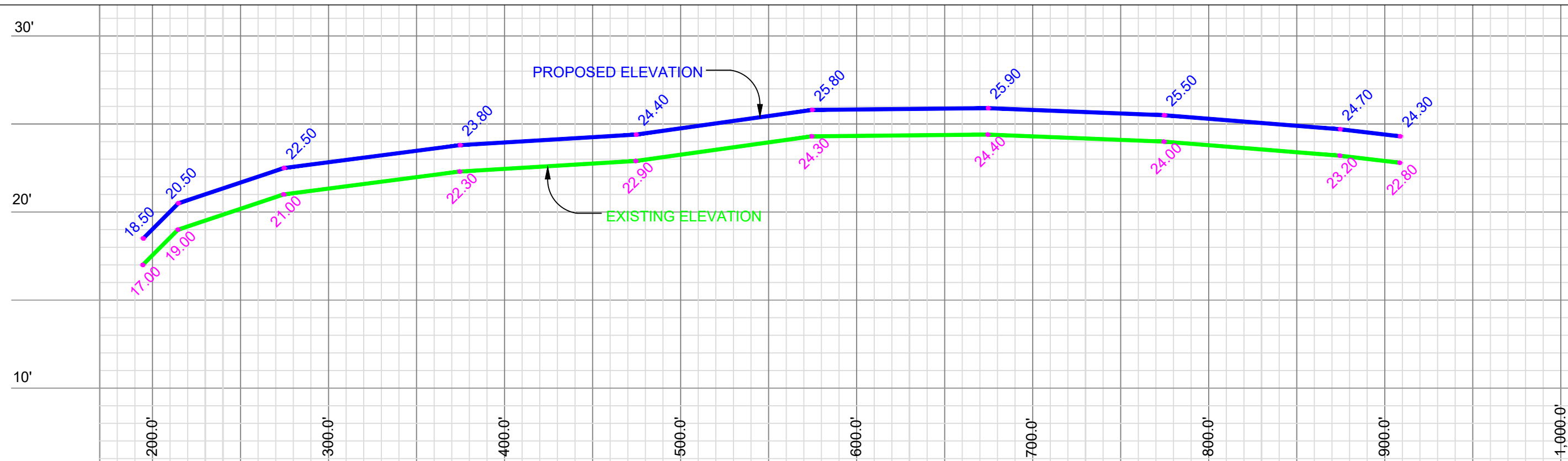
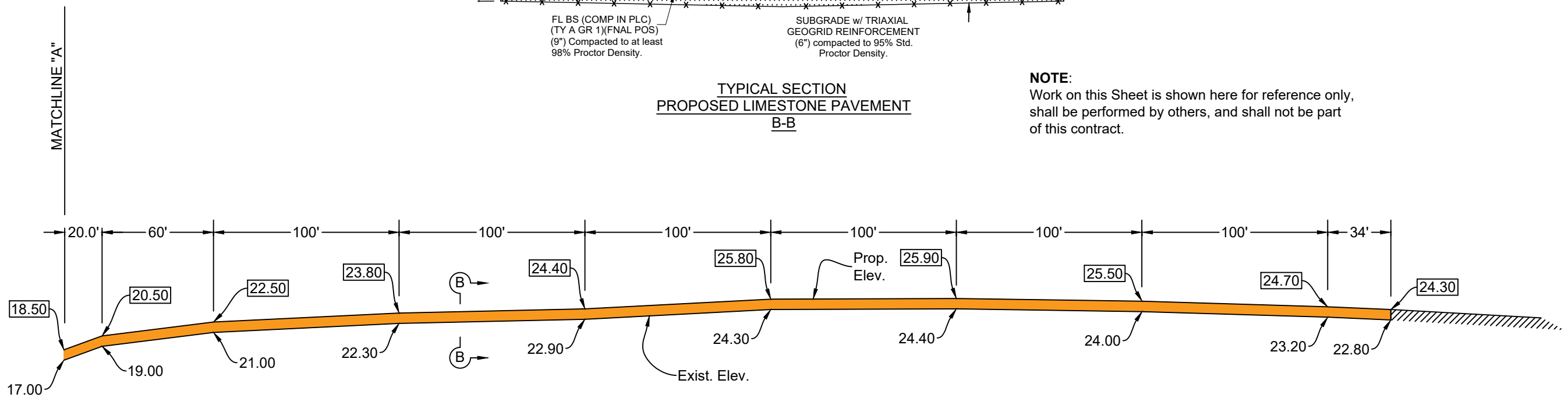
BROWNSVILLE NAVIGATION DISTRICT  
ENGINEERING DEPARTMENT  
BROWNSVILLE, TEXAS 78521  
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**TYPICAL SECTION  
PROPOSED LIMESTONE PAVEMENT  
B-B**

**NOTE:**  
Work on this Sheet is shown here for reference only, shall be performed by others, and shall not be part of this contract.

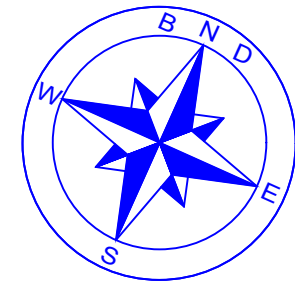
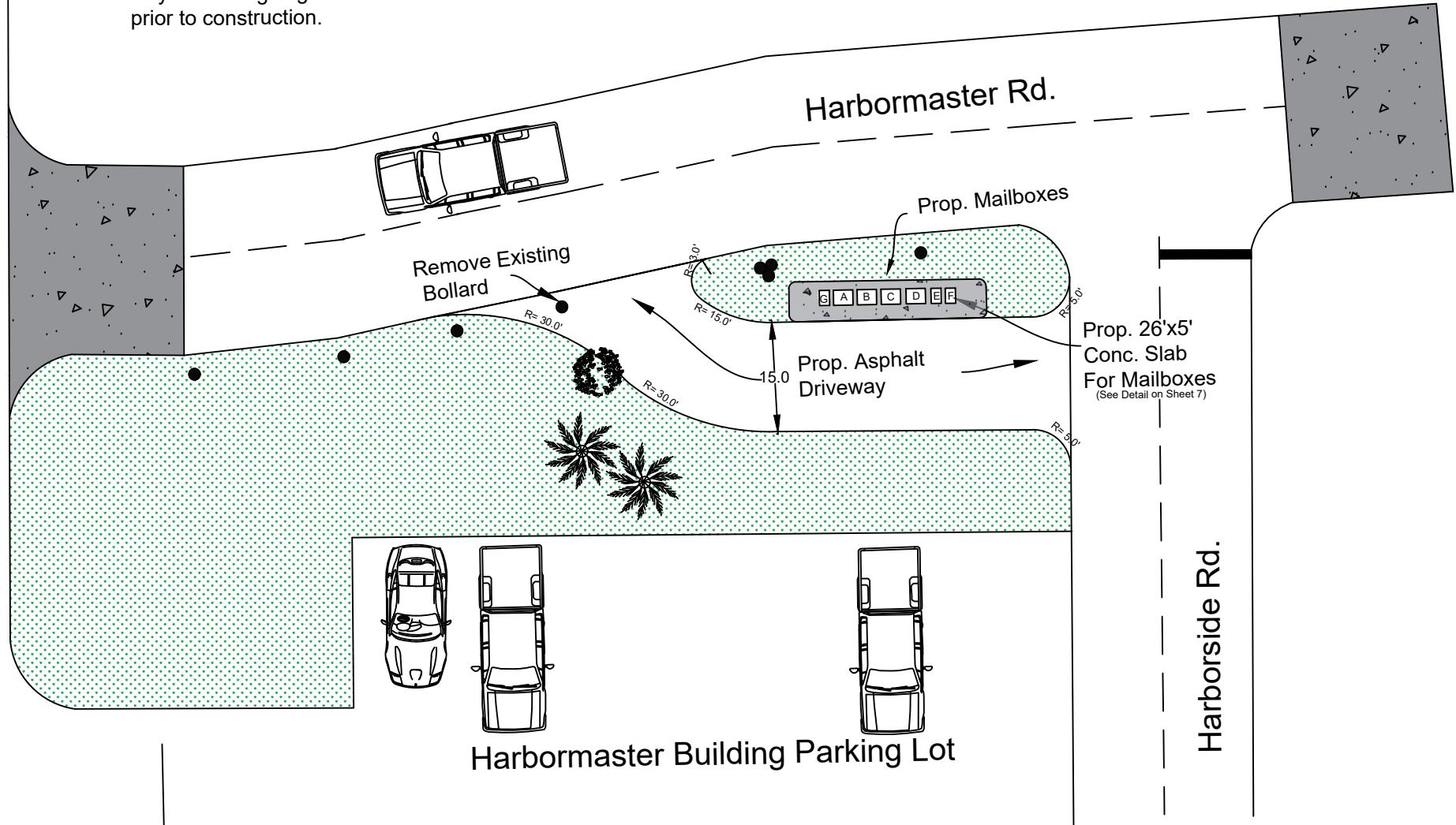


|                          |   |
|--------------------------|---|
| DRAWN BY: P. ESQUIVEL    | APPROVED BY:  |
| DATE DRAWN: OCT. 2019    | REVISION DATE:  |
| CHECKED BY: A. CHAVEZ II | DWG. NO.:   |
| SCALE: N.T.S.            | FILE NAME: C:\MY DRAWINGS\BNS\Brownsville\TruckStagingArea\Entrance Profile.dwg |

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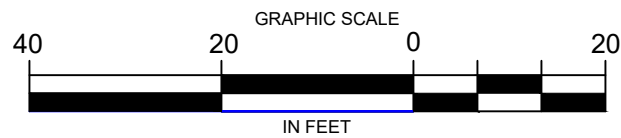
Windhaus Road

NOTE:  
1. Any interfering vegetation shall be removed prior to construction.

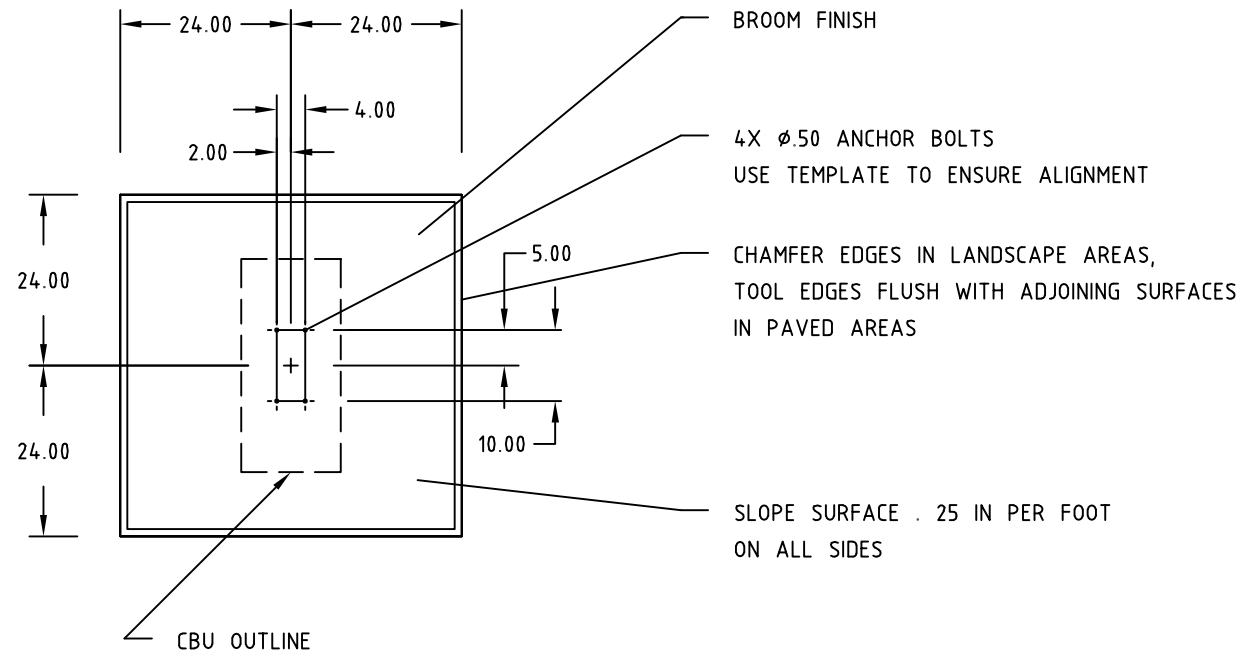


Harbormaster Building

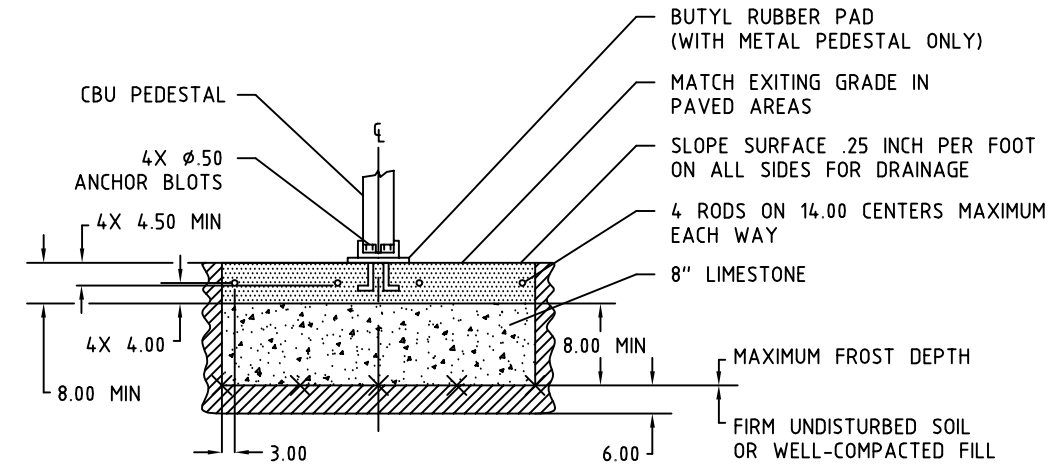
BRASS PLATE  
MSL=15.94



|                                   |  |
|-----------------------------------|--|
| DRAWN BY:<br>Emanuel Hernandez    | APPROVED BY:<br>A. CHAVEZ II   |
| DATE DRAWN:<br>September 12, 2019 | REVISION DATE:   |
| CHECKED BY:<br>I. PEREZ           | DWG. NO.:  |
| SCALE:<br>AS SHOWN                | FILE NAME:<br>R:\PROJ\INDUSTRY\DRAWING\INDUSTRIAL DEVELOPMENT SITE\ACRES.DWG |



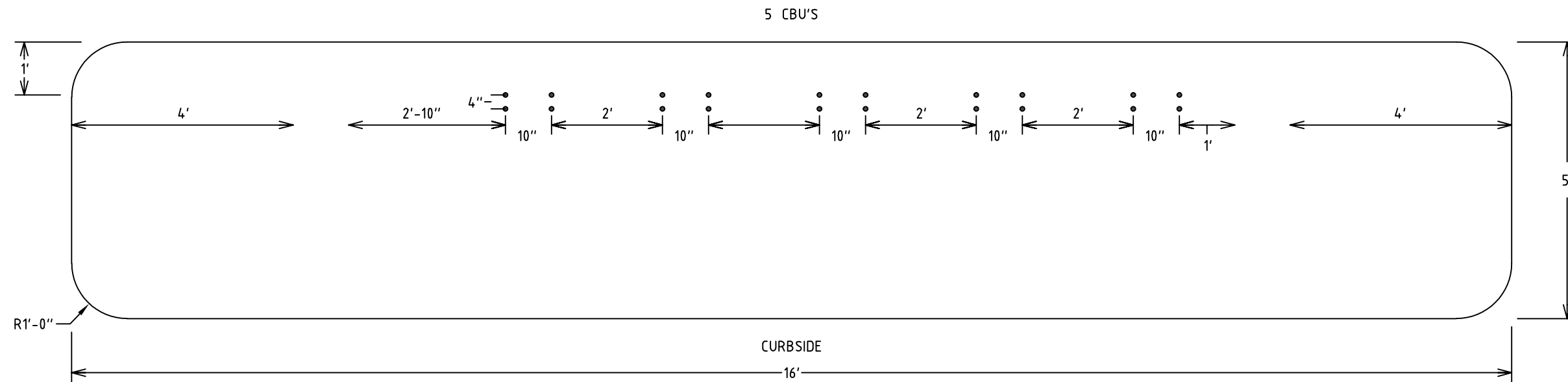
SINGLE UNIT STANDARD



NOTES:

1. CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS, CONTAIN 4% MIN - 6% MAX AIR ENTERTAINMENT AND BE PLACED WITH A 3.50 - 4.50 SLUMP IN ACCORDANCE WITH ACI 301.
2. REINFORCING STEEL RODS SHALL CONFORM TO ASTM A615. GRADE 60.
3. ANCHOR BOLTS SHALL CONFORM TO ASTM A193. GRADE 88M. TYPE 316 STAINLESS STEEL

PROFILE  
Not To Scale



CONCRETE HAS TO BE 8" DEEP MINIMUM, BOLTS TO BE  $\frac{1}{2}$ " X 13 TPI "L" SHAPED TO BE ANCHORED IN TO CEMENT BASE.

TOP VIEW

|                             |                |
|-----------------------------|----------------|
| DRAWN BY:<br>M. MARIN       | APPROVED BY:   |
| DATE DRAWN:<br>10/12/2019   | REVISION DATE: |
| CHECKED BY:<br>A. CHAVEZ II | DWG. NO.:      |
| SCALE:<br>AS SHOWN          | FILE NAME:     |

SHEET

**7**

OF 7

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