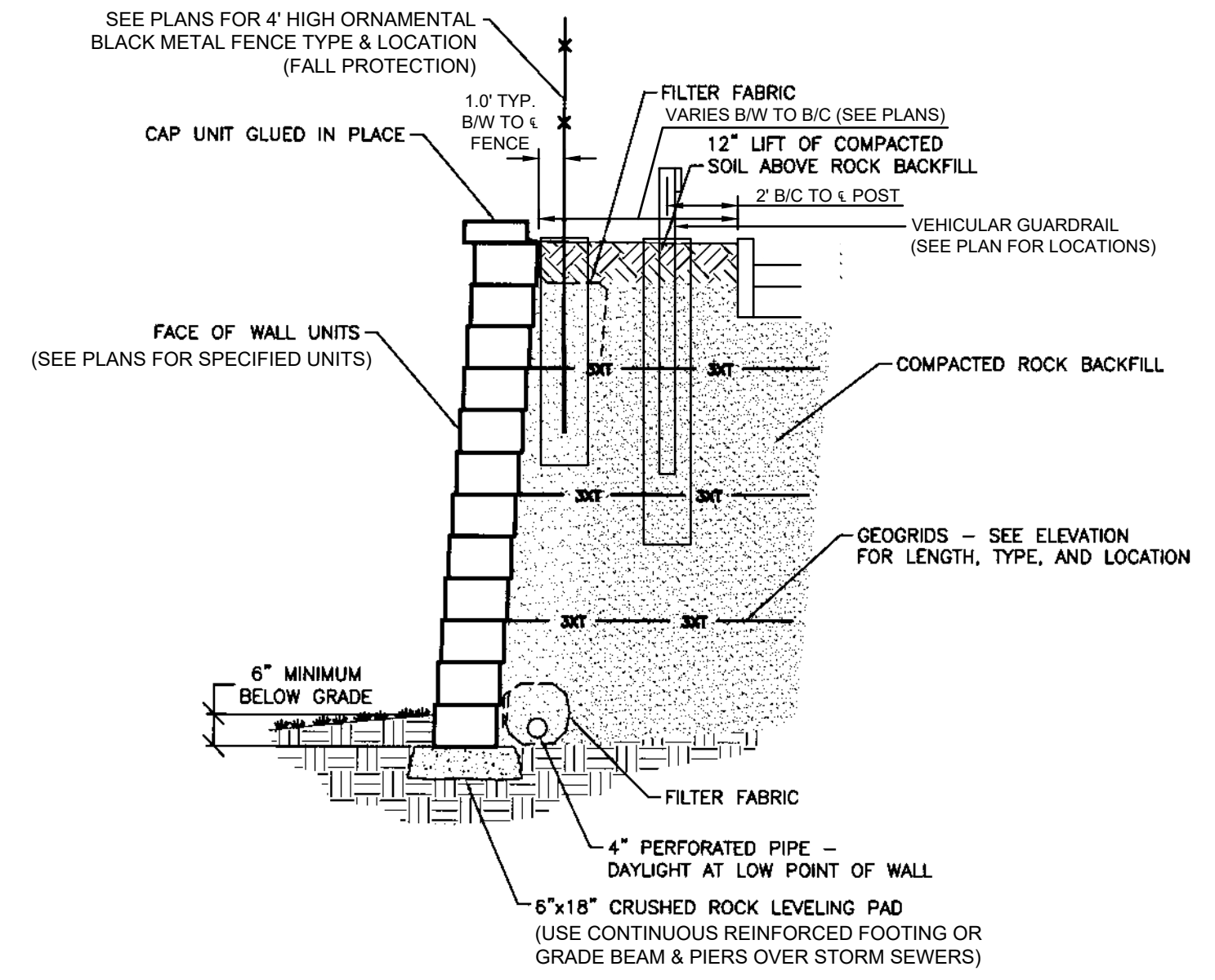


**ERIK J. STALEY, PE**  
ENGINEER No. 200600132  
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**DATE 08/25/2021**

ISSUANCE		
NO.	DATE	DESCRIPTION
1.	08/25/21	CITY SUBMITTAL
2.	09/22/21	2nd CITY SUBMITTAL
3.	10/04/21	3rd CITY SUBMITTAL
4.	11/22/21	4th CITY SUBMITTAL (BID SET)

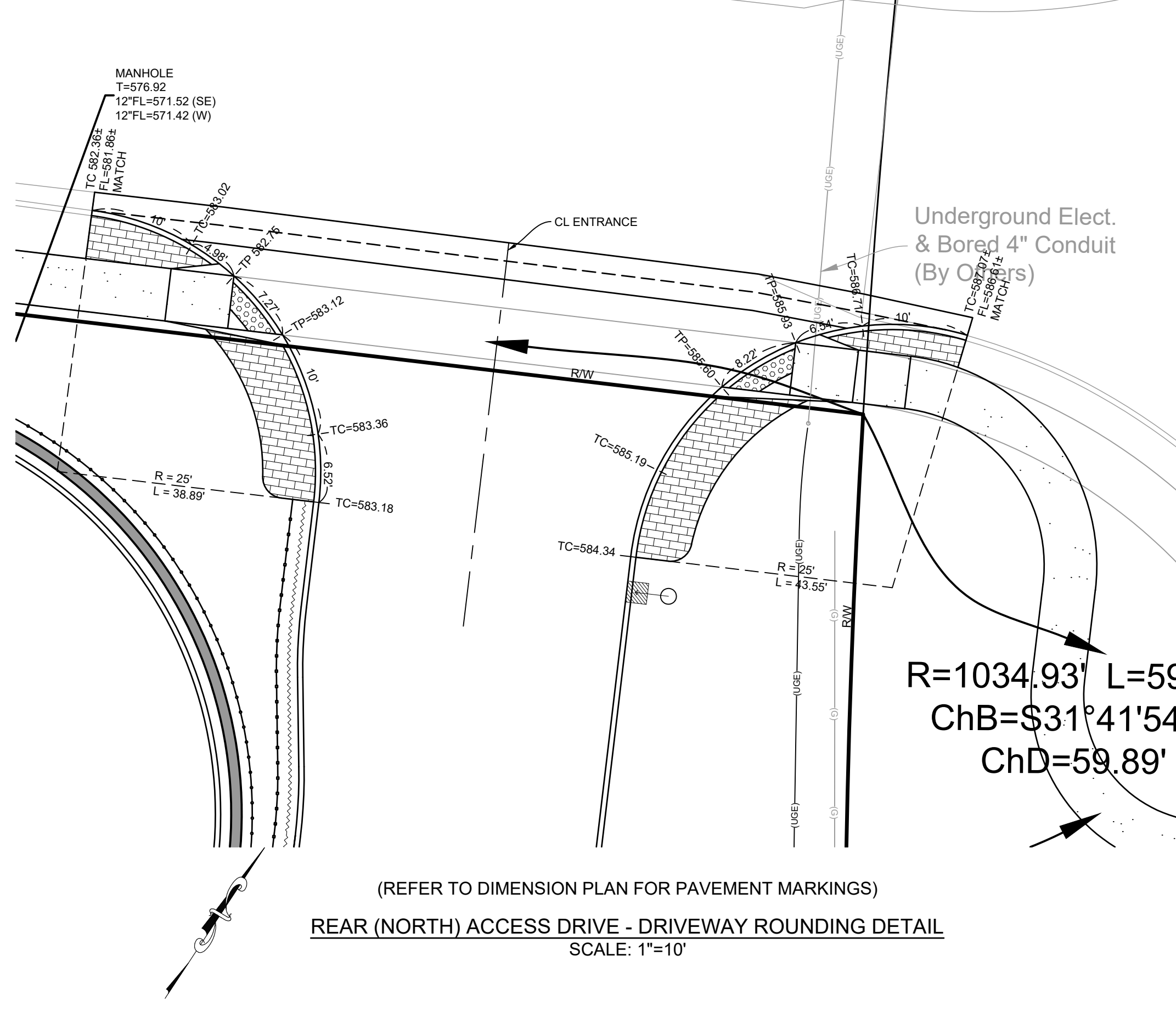
**O'FALLON, MO MOTOMART  
NEW CONVENIENCE CENTER  
AND CARWASH**  
FKG OIL COMPANY

**CONSTRUCTION DETAILS 3**

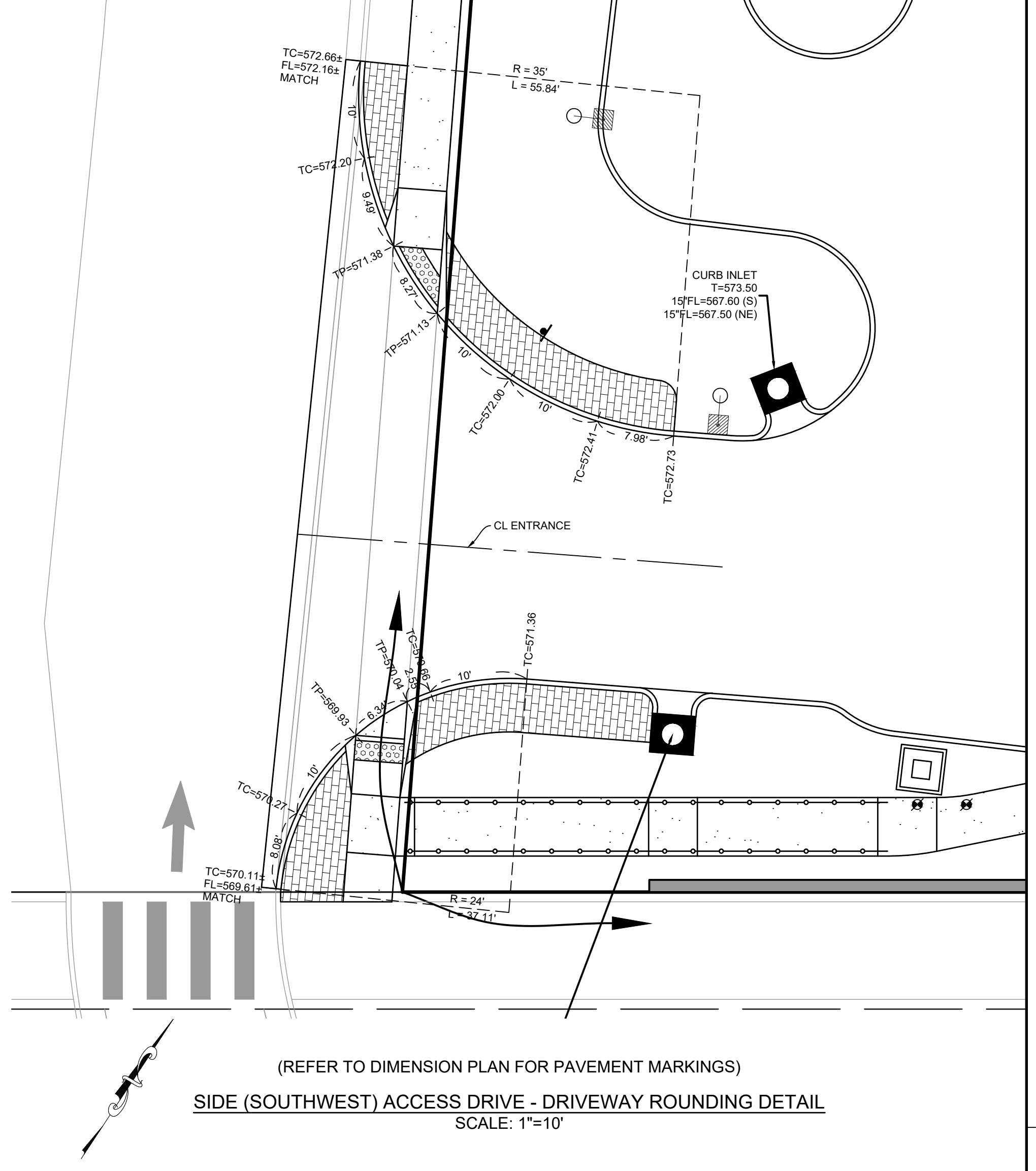


- NOTES:**
- SHOP DRAWINGS ARE TO BE PREPARED BY A PROFESSIONAL ENGINEER. THE WALL DESIGNS SHALL BE SUBMITTED TO THE PROJECT CIVIL ENGINEER FOR REVIEW PRIOR TO WALL CONSTRUCTION.
  - THE WALL DESIGN SHALL MEET THE PROJECT REQUIREMENTS AND THE LOCAL REVIEW AGENCY REQUIREMENTS TO OBTAIN A CONSTRUCTION PERMIT.
  - THE PROJECT GEOTECHNICAL ENGINEER IS TO DETERMINE THE FOUNDATION BEARING CAPACITY AND WILL PROVIDE A GLOBAL STABILITY ANALYSIS IF NECESSARY.
  - THE OWNER'S REPRESENTATIVE WILL PROVIDE FOOTING INSPECTIONS PRIOR TO CONSTRUCTION AND BACKFILL COMPACTION TESTING AS REQUIRED.
  - FENCE AND VEHICULAR GUARDRAIL SHOWN ABOVE FOR APPROXIMATE SPACING RELATIONSHIP ONLY.
  - SHOP DRAWING DETAILS AND/OR STRUCTURAL PLANS SHALL SUPERCEDE THESE PLANS AND SPECIFICATIONS.
  - USE CONTINUOUS REINFORCED FOOTING OR GRADE BEAM & PIERS FOR NEW RETAINING WALLS OVER NEW SANITARY AND STORM SEWER PIPES.
  - SHOP DRAWINGS TO INCORPORATE STRUCTURAL DESIGN AND DETAILS FOR FENCE POST FOOTINGS PER SPECIFIED FENCE SELECTION.
  - THE GENERAL CONTRACTOR IS RESPONSIBLE TO PROPERLY SEQUENCE INSTALLATION OF ITEMS LIKE STORM SEWERS, LIGHT POLES, FENCING, ETC. INTO THE PROPER CONSTRUCTION AND INSTALLATION OF THE WALL. THESE ITEMS SHOULD BE IN PLACE AT THE PROPER TIME TO INSTALL THE GEOGRIDS AROUND THESE ITEMS. CUTTING OF GEOGRIDS TO INSTALL THESE ITEMS POST WALL INSTALLATION IS NOT PERMITTED.
  - AT TOP OF RETAINING WALL, FENCE POSTS AND VEHICULAR GUARDRAIL POSTS SHALL NOT BE INSTALLED IN LINE PERPENDICULAR TO THE BACK OF WALL WHERE POSSIBLE, BUT SHOULD RATHER BE STAGGERED IN RELATION TO ONE ANOTHER. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF THE FENCE DESIGN AND LAYOUT TO THE ENGINEER AND OWNER FOR REVIEW AND APPROVAL PRIOR TO SUBMITTAL TO THE CITY FOR THE FENCE PERMIT.
  - REFER TO THE GEOTECHNICAL REPORT FOR RECOMMENDATIONS FOR THIS WALL, IF AVAILABLE.

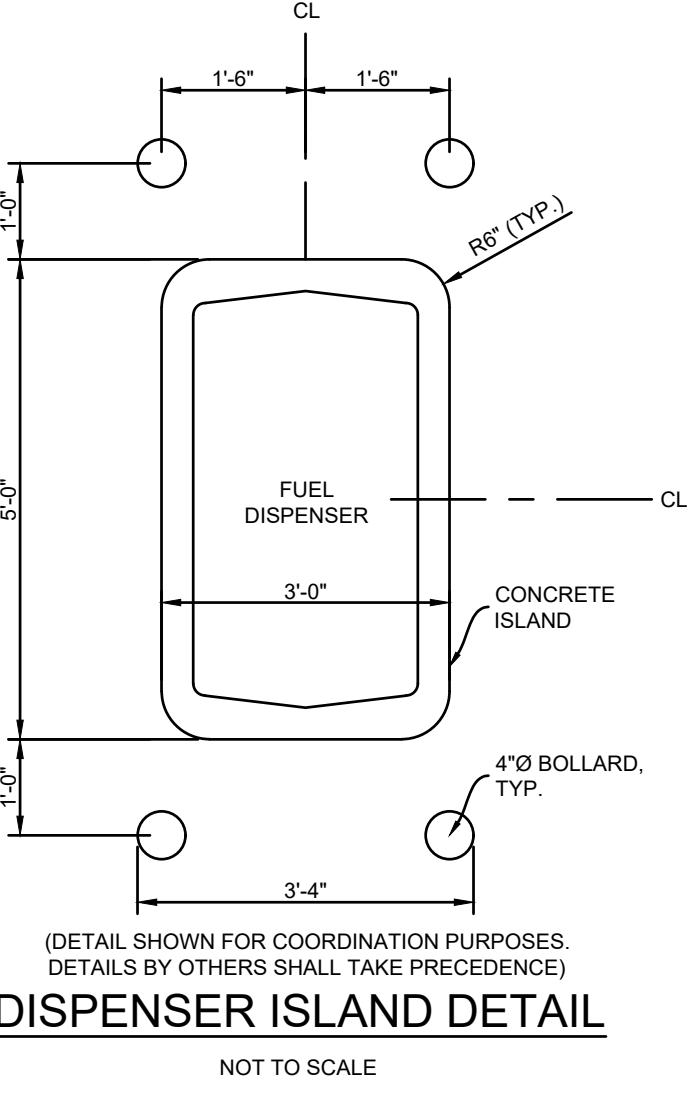
**MODULAR BLOCK RETAINING WALL DETAIL**  
N.T.S.



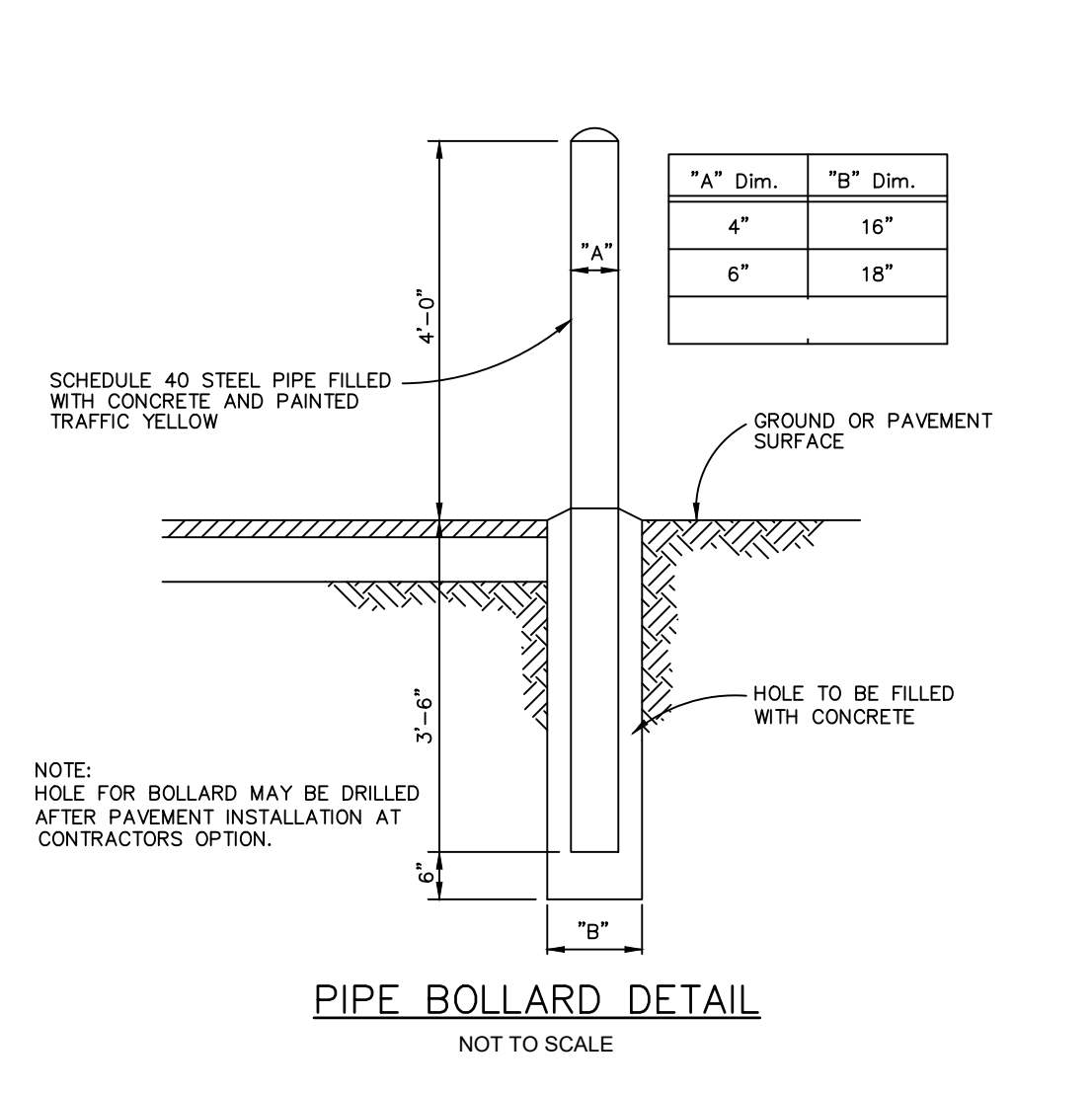
**REAR (NORTH) ACCESS DRIVE - DRIVEWAY ROUNDING DETAIL**  
SCALE: 1"=10'



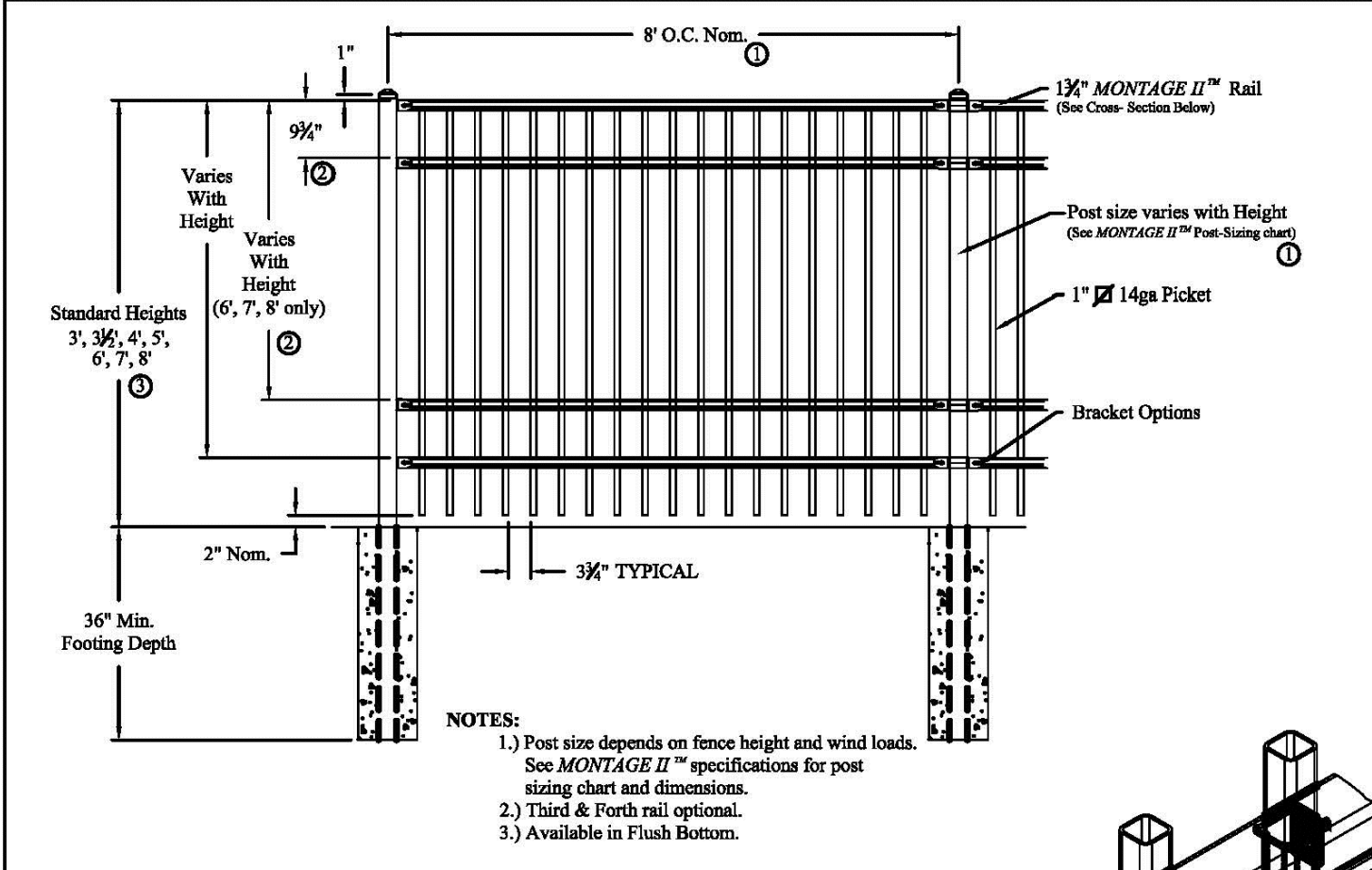
**SIDE (SOUTHWEST) ACCESS DRIVE - DRIVEWAY ROUNDING DETAIL**  
SCALE: 1"=10'



**DISPENSER ISLAND DETAIL**  
NOT TO SCALE



**PIPE BOLLARD DETAIL**  
NOT TO SCALE



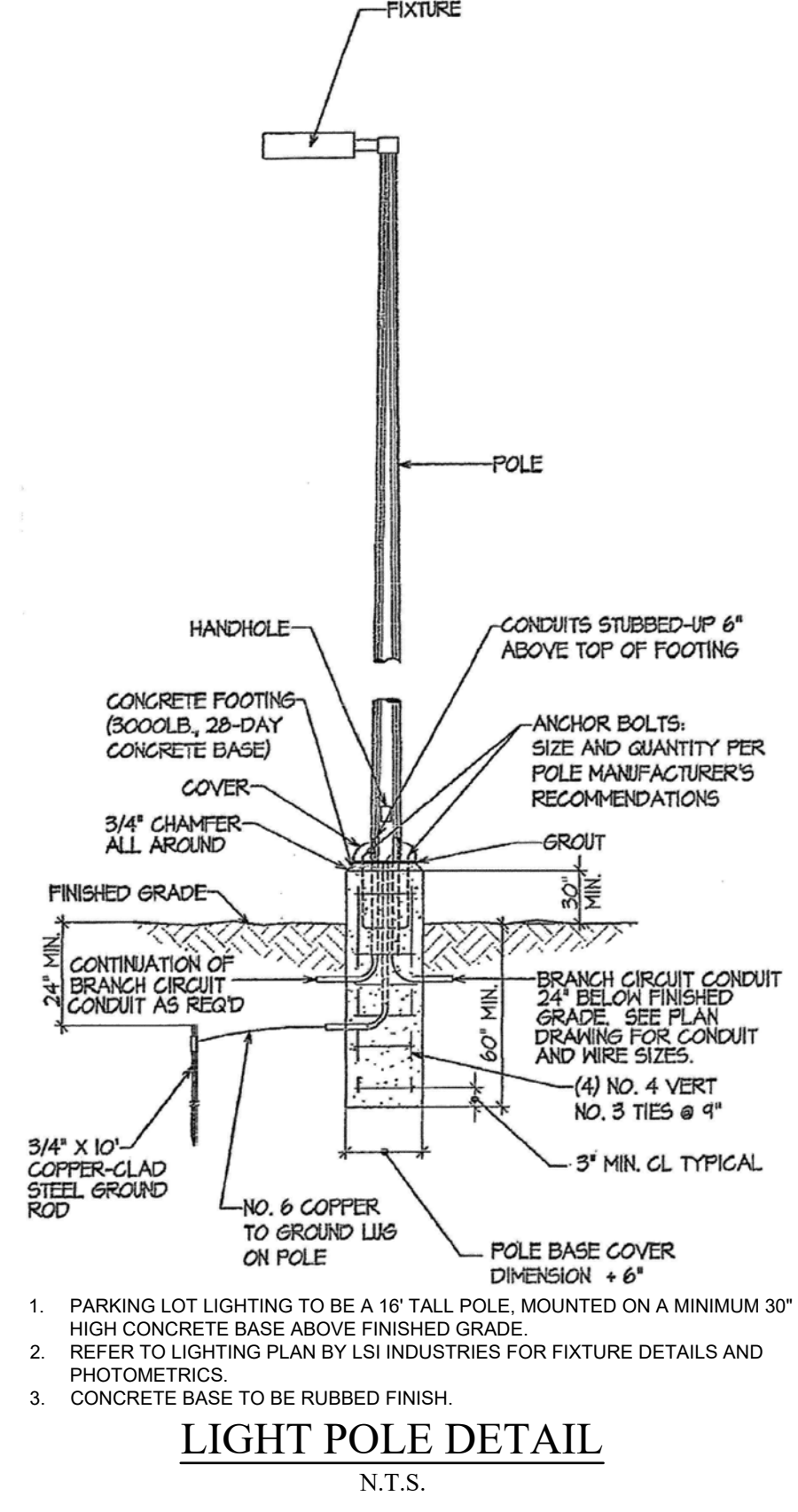
**HEAVY INDUSTRIAL STRENGTH WELDED STEEL PANEL**  
PRE-ASSEMBLED

**MONTAGE II MAJESTIC 2/3/4-RAIL**  
DR: RTM SH: 1 of 1 SCALE: DO NOT SCALE  
CK: ME Date: 6/28/10 REV: b

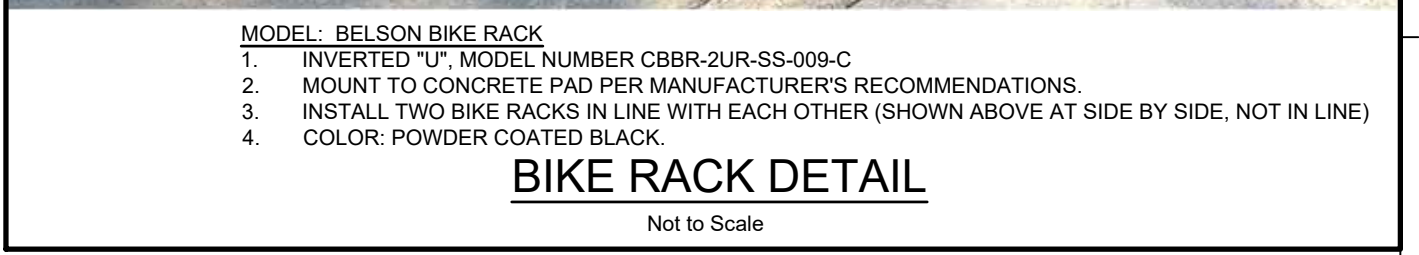
1555 N. Mingo  
Tulsa, OK 74116  
1-888-333-3422  
www.ameristarfence.com

**AMERISTAR**

ORNAMENTAL BLACK METAL FENCE ON TOP OF RETAINING WALL TO BE 4-FOOT HIGH AMERISTAR MONTAGE II MAJESTIC 3-RAIL



**LIGHT POLE DETAIL**  
N.T.S.



**BIKE RACK DETAIL**  
Not to Scale



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