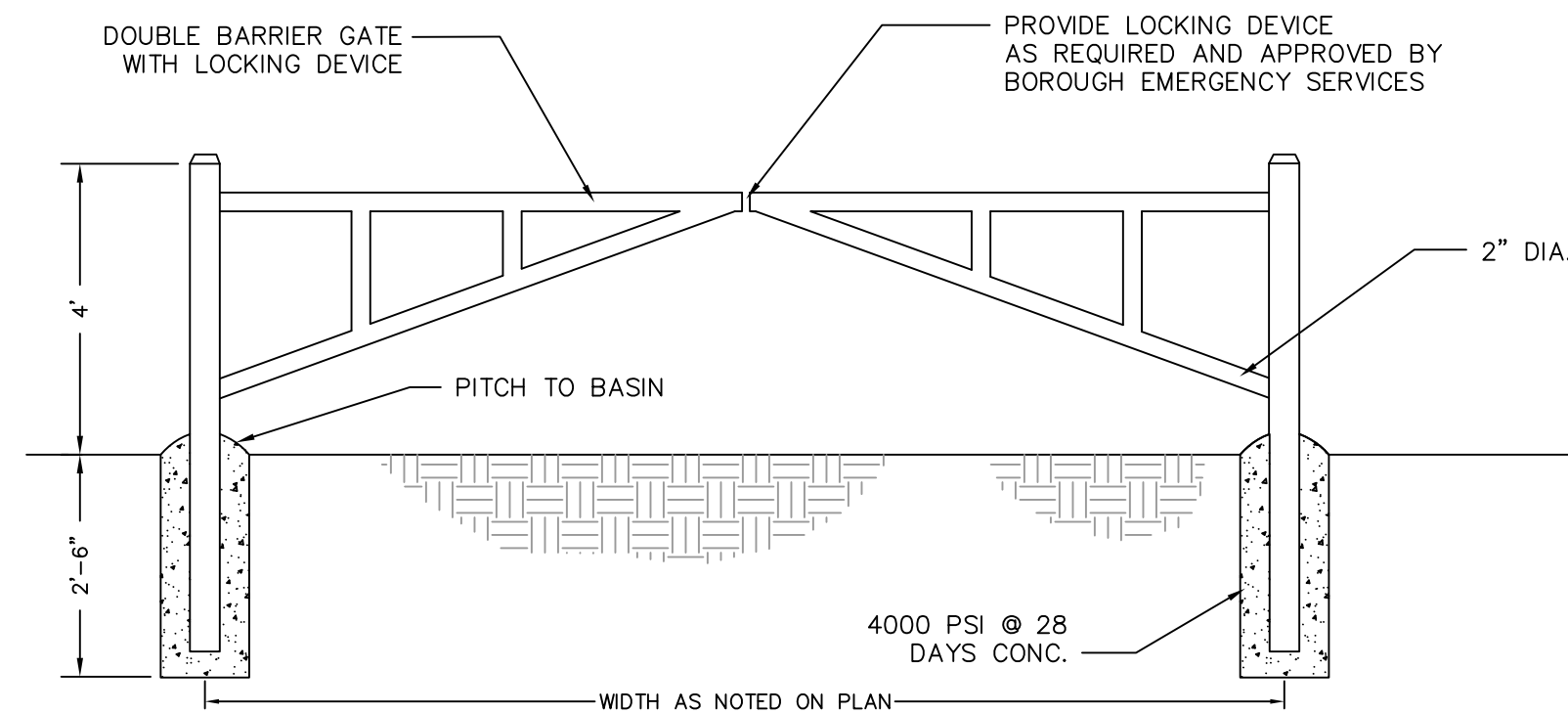
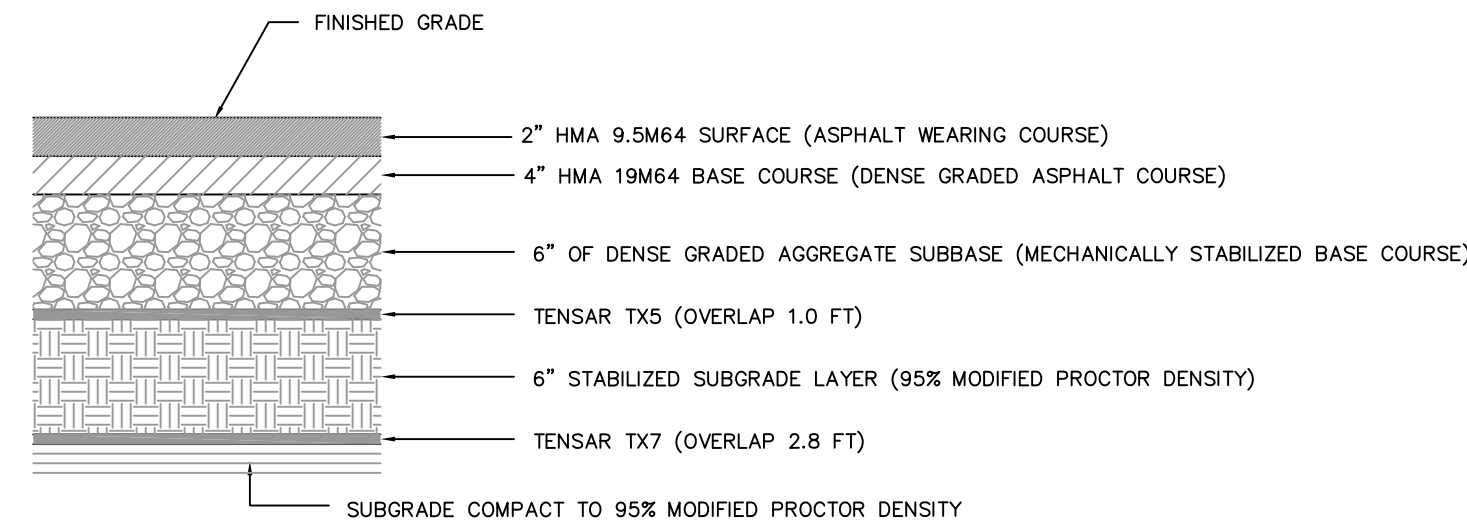


**4' SPLIT RAIL FENCE DETAIL**  
N.T.S.

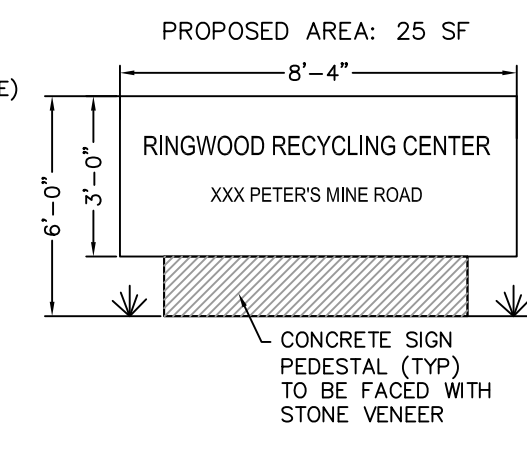


**SWING GATE**  
N.T.S.



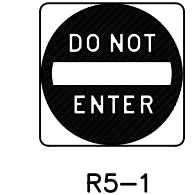
- TACK COAT SHALL BE APPLIED TO ALL ADJACENT SURFACES (I.E. PAVEMENTS, CURBS, AND CASTINGS). MATERIALS AND METHODS OF APPLICATION SHALL CONFORM WITH SECTION 401 OF NJDOT'S STANDARDS SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION.
- PROOF ROLL TO BE WITNESSED BY THE TOWNSHIP ENGINEER PRIOR TO PAVING.
- THIS PAVEMENT SECTION APPLIES TO ONSITE ROADWAYS AND DRIVEWAYS.
- ASPHALT TO UTILIZE TENSAR REINFORCEMENT

**BITUMINOUS PAVING DETAIL**  
N.T.S.

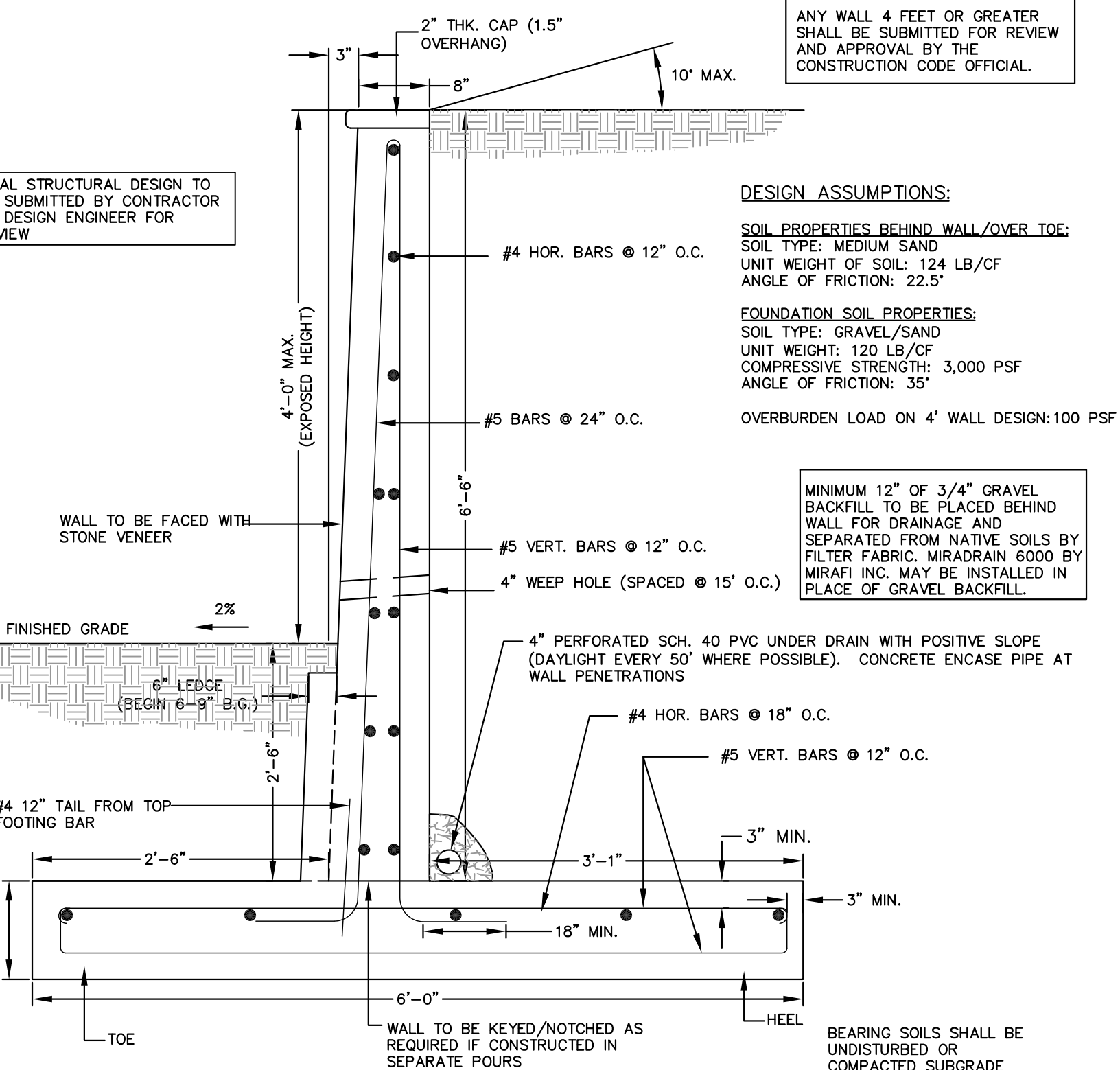


**SIGN DETAIL**  
N.T.S.

HEAVY DUTY FLANGED CHANNEL SIGN POST WITH BREAKAWAY SYSTEM, 2 LBS./FT. MIN. AND IN ACCORDANCE WITH NJDOT STANDARD SPECIFICATIONS.



**SIGN POST DETAIL**  
N.T.S.



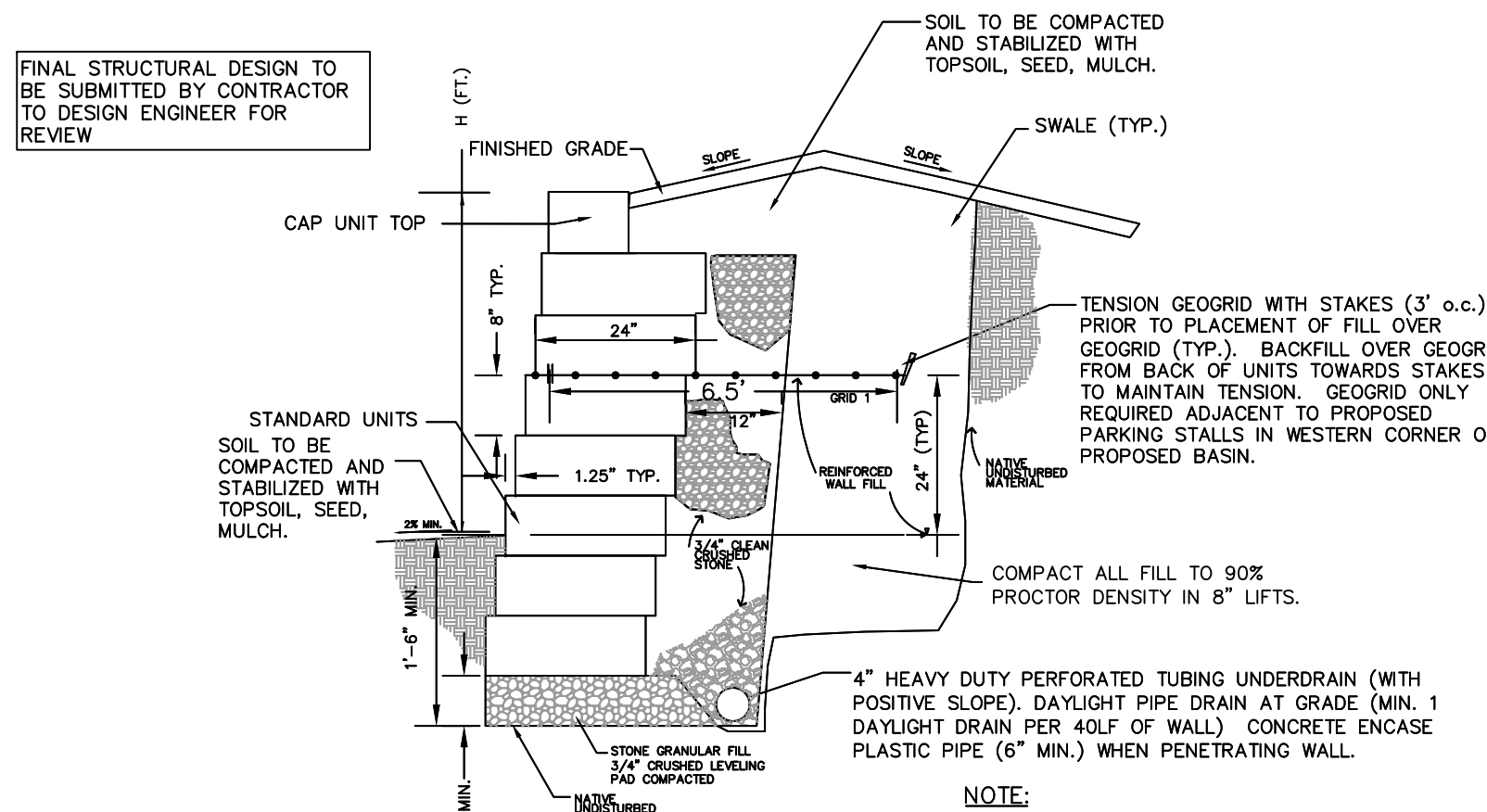
**DESIGN ASSUMPTIONS:**  
SOIL PROPERTIES BEHIND WALL/OVER TOE:  
SOIL TYPE: MEDIUM SAND  
UNIT WEIGHT OF SOIL: 124 LB/CF  
ANGLE OF FRICTION: 22.5°  
FOUNDATION SOIL PROPERTIES:  
SOIL TYPE: GRAVEL/SAND  
UNIT WEIGHT: 120 LB/CF  
COMPRESSIVE STRENGTH: 3,000 PSF  
ANGLE OF FRICTION: 35°  
OVERBURDEN LOAD ON 4' WALL DESIGN: 100 PSF

MINIMUM 12" OF 3/4" GRAVEL BACKFILL TO BE PLACED BEHIND WALL FOR DRAINAGE AND SEPARATED FROM NATIVE SOILS BY FILTER FABRIC. MIRADRAIN 6000 BY MIRAFI INC. MAY BE INSTALLED IN PLACE OF GRAVEL BACKFILL.

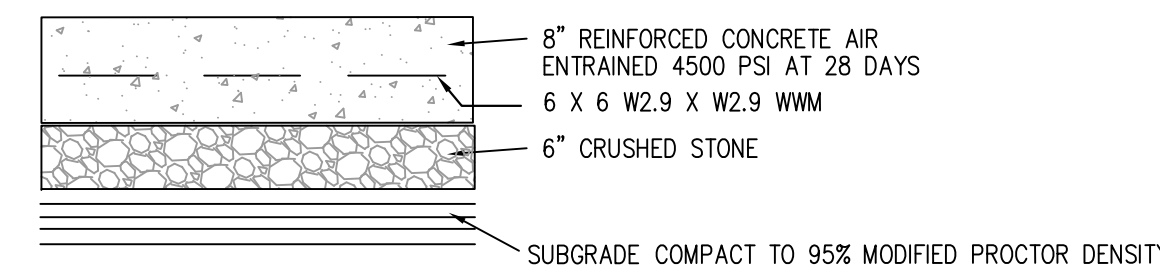
**SITE SPECIFIC NOTES:**

- BACKFILL SHALL BE PLACED AGAINST "TOE OF WALL" PRIOR TO BACKFILL BEHIND WALL AT "HEEL OF WALL" (SEE DETAIL).
- STEEL REINFORCEMENT SHALL HAVE A YIELD STRENGTH OF 60,000 PSI (GRADE 60).
- CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 3,500 PSI @ 28 DAYS.
- BACKFILL AND BEARING SOILS SHALL BE COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED MUNICIPAL AND AGENCY APPROVALS PRIOR TO CONSTRUCTION.
- DRAINS SHALL BE INSTALLED IN THE PAVERS BEHIND THE WALLS OR ADEQUATE SLOPE SHALL BE PROVIDED FOR SURFACES. DRAIN PLACEMENT TO BE COORDINATED BY CONTRACTOR.
- GRAVEL TO BE COMPACTED IN 6" LIFTS.

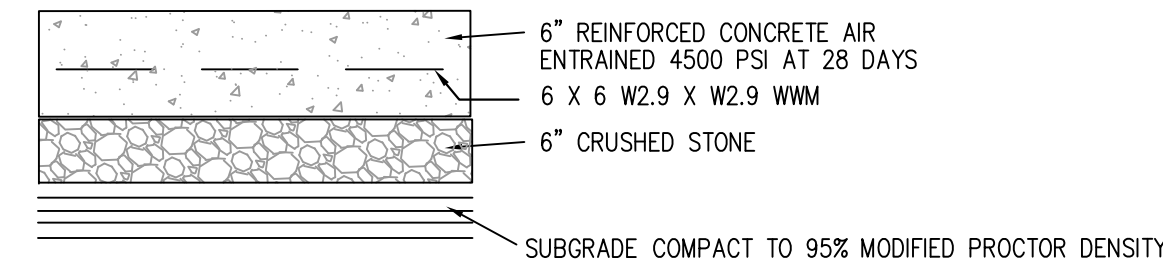
**2-4' EXPOSED HEIGHT CONCRETE RETAINING WALL**  
NOT TO SCALE



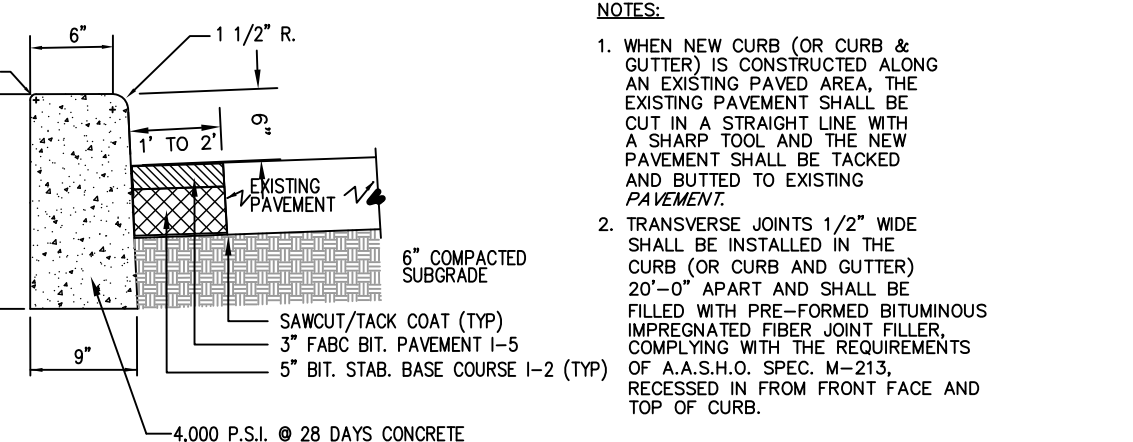
**KEYSTONE MODULAR BLOCK WALL**  
H = 4 FT. & LESS  
NOT TO SCALE



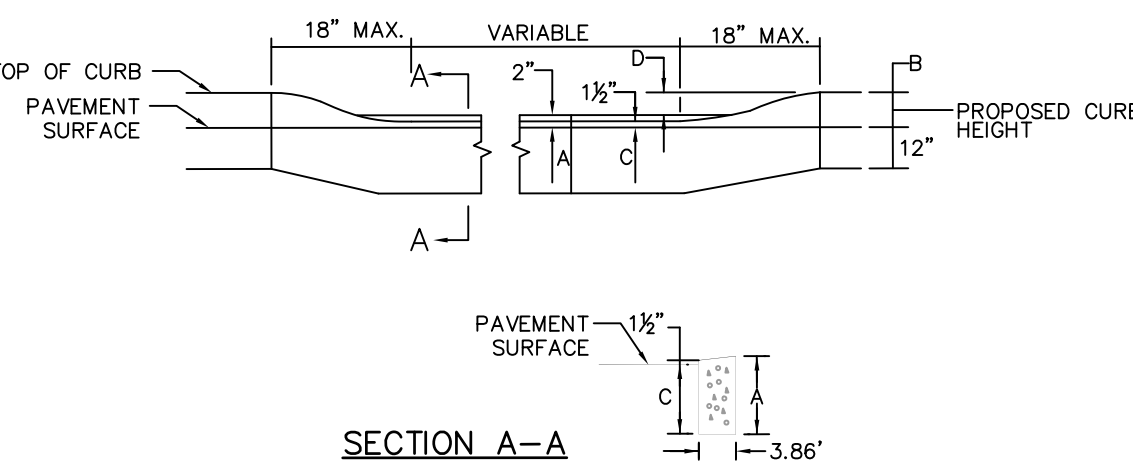
**REINFORCED CONCRETE PAD DETAIL**  
NOT TO SCALE



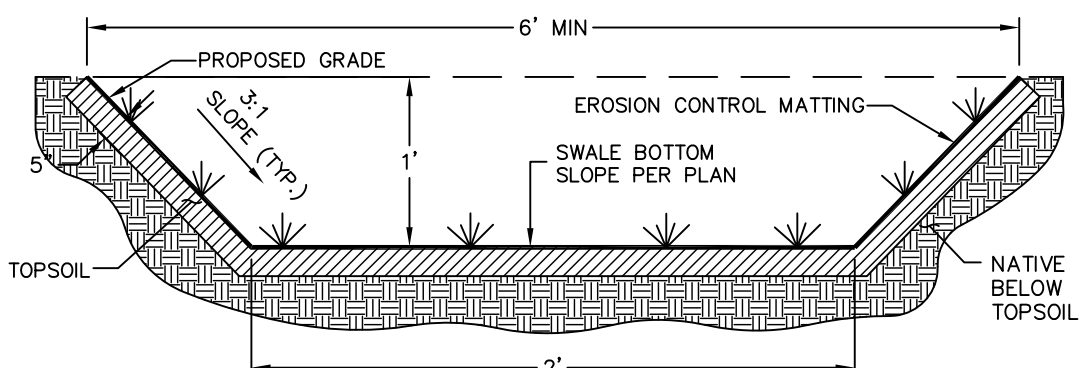
**REINFORCED CONCRETE PAVING DETAIL**  
NOT TO SCALE



**CONCRETE CURB DETAIL**  
N.T.S.

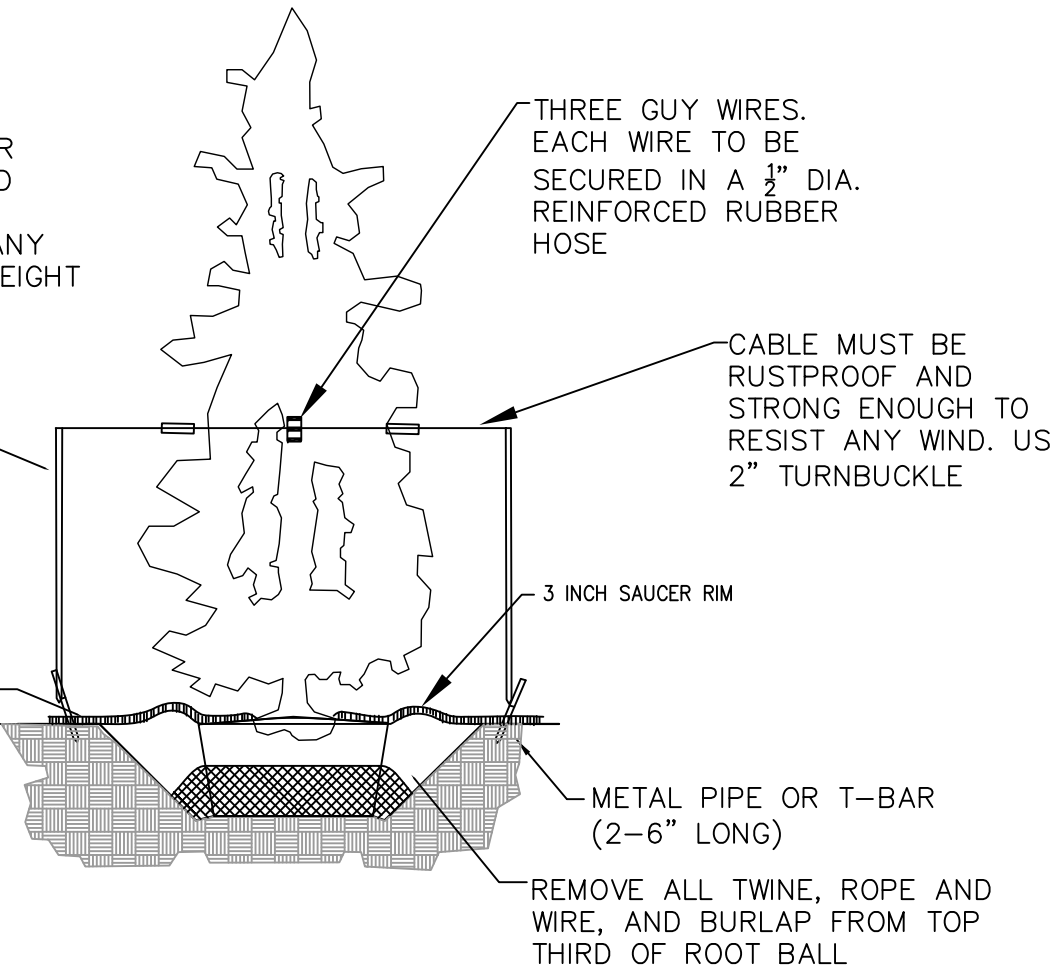


**METHOD OF DEPRESSING CURB AT DRIVEWAYS**  
N.T.S.

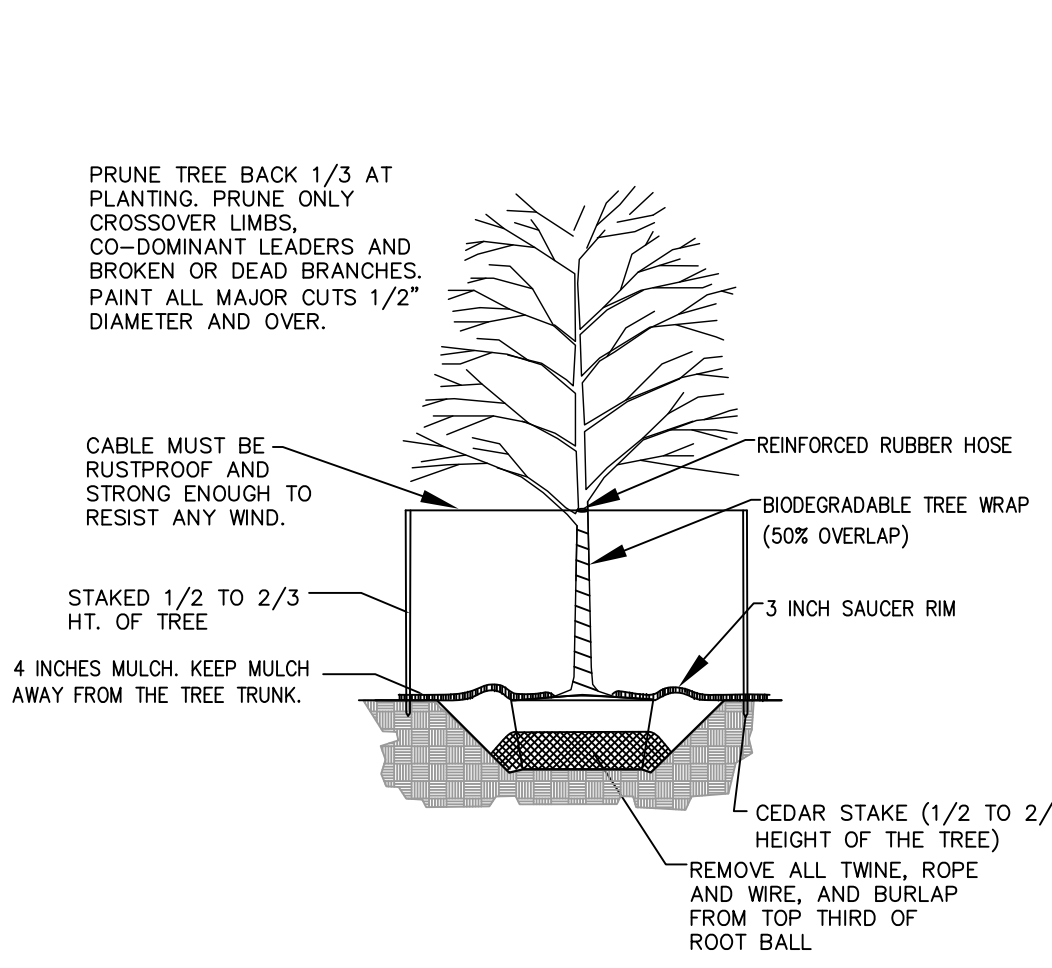


**SWALE DETAIL**  
NOT TO SCALE

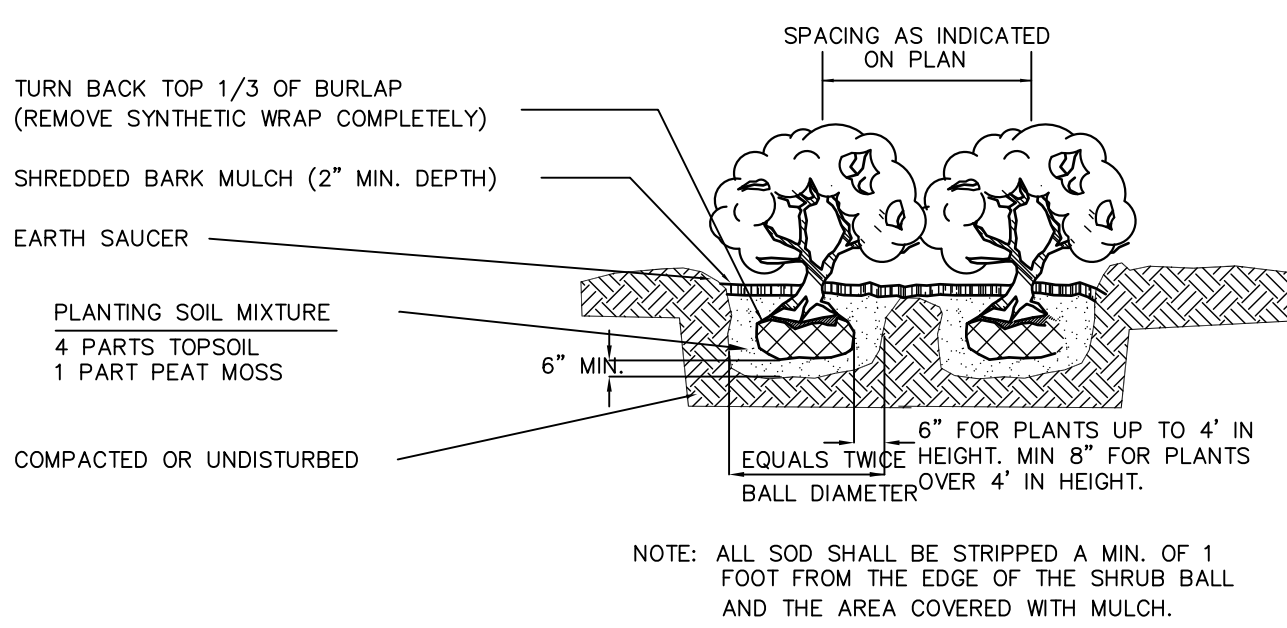
NOTES:  
BOTTOM AND SIDES OF SWALE SHALL BE LINED WITH 5" OF TOPSOIL.



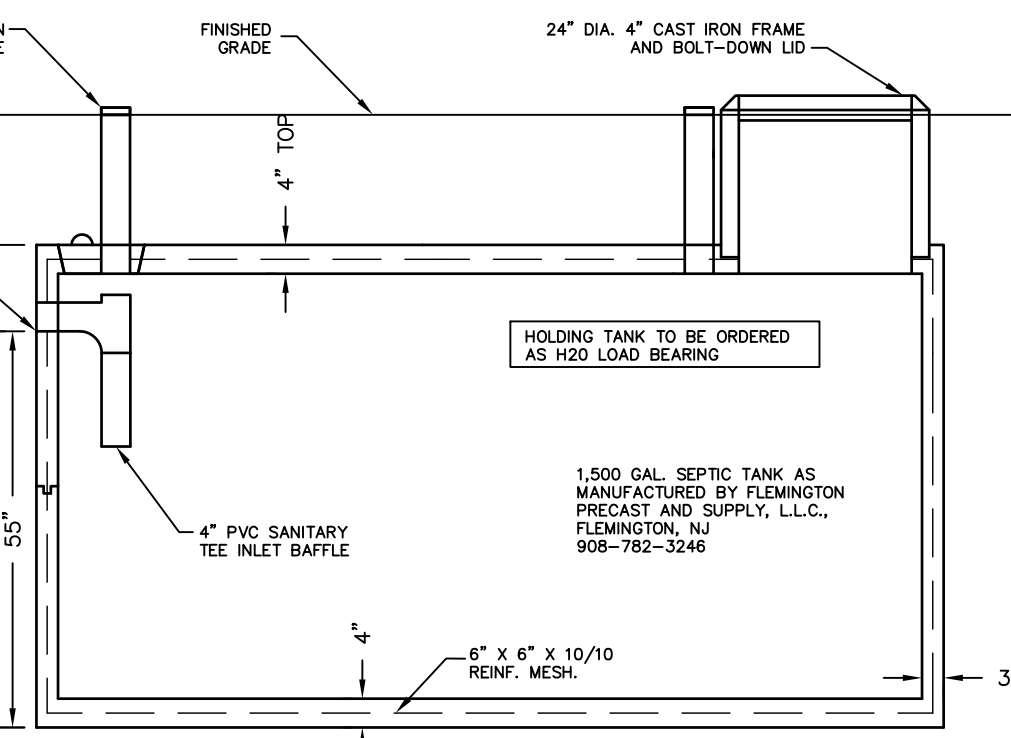
**EVERGREEN TREE PLANTING DETAIL**  
NOT TO SCALE



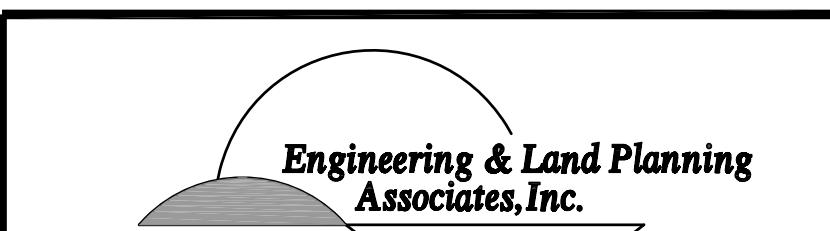
**TREE PLANTING DETAIL**  
NOT TO SCALE



**TYPICAL SHRUB PLANTING**  
NOT TO SCALE



**1,500 GALLON SEWAGE HOLDING TANK DETAIL**  
N.T.S.



140 WEST MAIN STREET HIGH BRIDGE, NJ 08829  
PH. 908-238-0544 FAX. 908-238-9572  
A PROFESSIONAL ASSOCIATION  
CERTIFICATE OF AUTHORIZATION NO. 24G28021500

NO.	REVISION	BY	DATE
3	REV. PER LIMITS OF CAPPING PLAN	PMH	12/12/14
2	REV. PER COMMENTS	GJS	5/9/14
1	REV. FOR SUBMISSION	PMH	3/3/14

12/12/14 DATE  
WAYNE J. INGRAM  
PROFESSIONAL ENGINEER  
N.J. P.E. NO. 24GE048393

PROJECT: BOROUGH OF RINGWOOD  
RECYCLING CENTER SITE PLAN  
PETER'S MINE ROAD  
BLOCK 601 LOT 14 TAX MAP SHEET 6.03  
BOROUGH OF RINGWOOD  
PASSAIC COUNTY NEW JERSEY

**DETAILS**

JOB NO.:	13245C	DRAWING NO.:	10
SCALE:	NTS		11
DESIGNED:	PMH		
CHECKED:	WJI		
FILENAME:	09_12_DETAILS.DWG		
DATE:	5/9/2014		