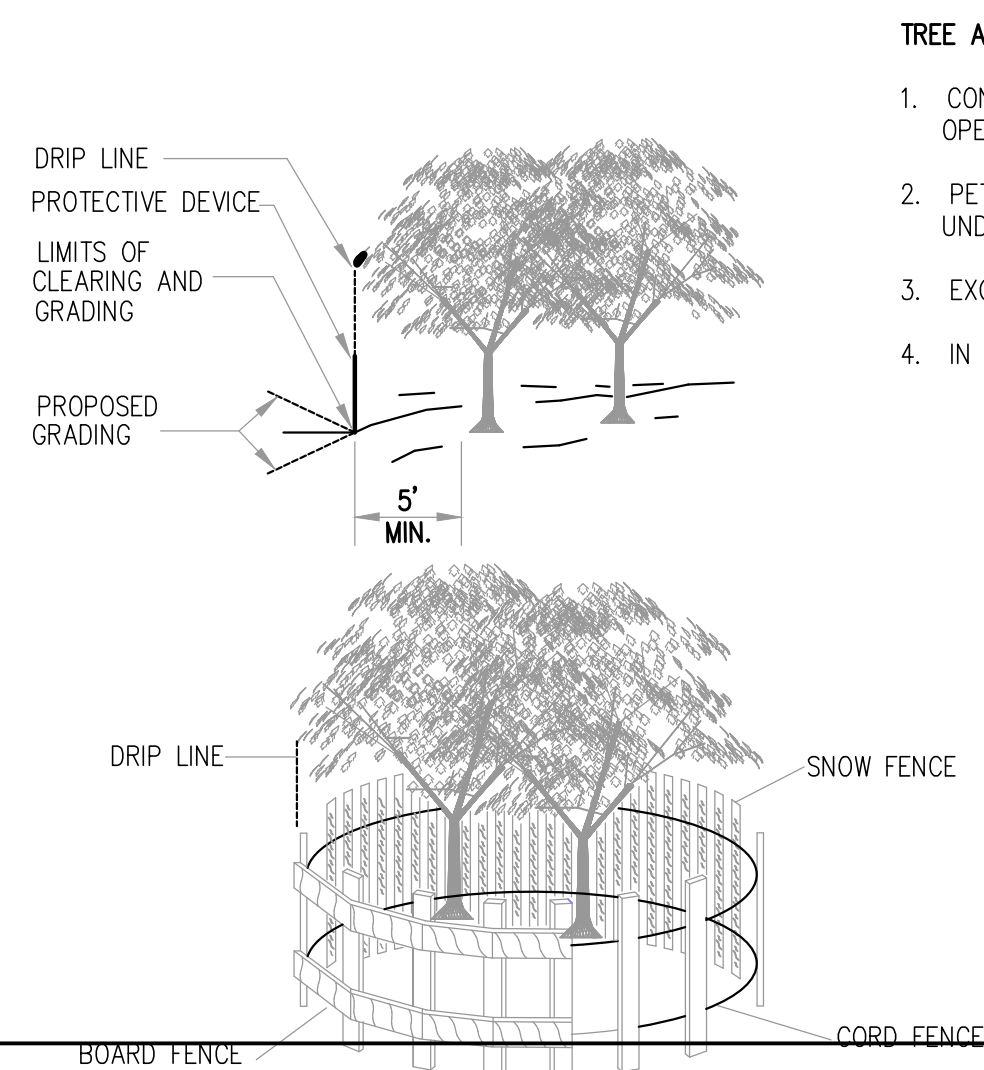


CONSTRUCTION SPECIFICATIONS

1. STONE SIZE-No. 5 (4") STONE NYSDOT ITEM No. 703.02 (TABLE 703.4).
2. LENGTH-NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS-NOT LESS THAN TWELVE (12) INCHES.
4. WIDTH-TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS, TWENTY-EIGHT (28) FEET IF SINGLE ENTRANCE TO SITE.
5. NON WOVEN FILTER FABRIC WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER- ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE-THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE, WHICH DRAINS INTO A APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

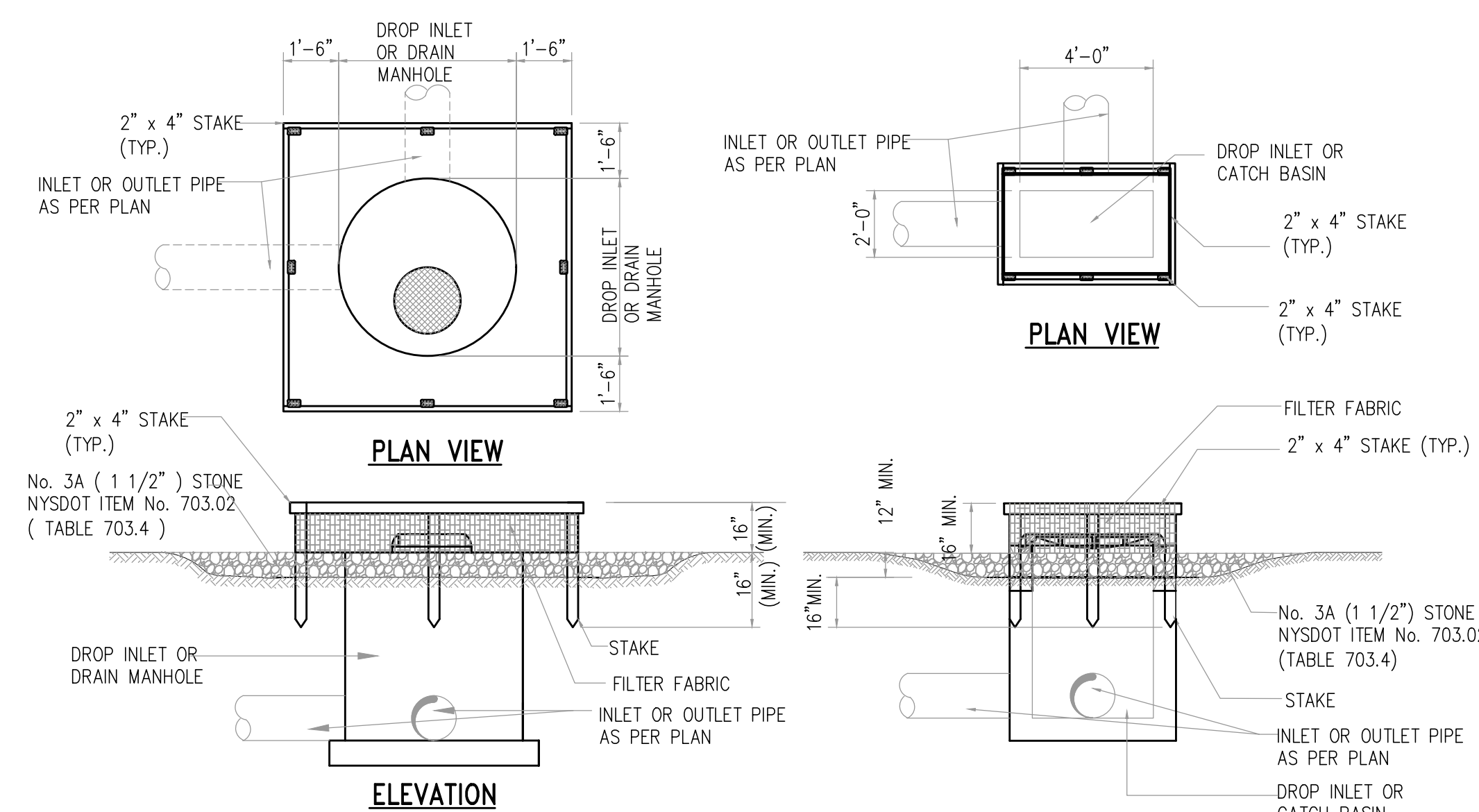


TREE AND ROOT PROTECTION

1. CONSTRUCTION EQUIPMENT, TRUCKS OR OTHER VEHICLES SHOULD NOT BE PARKED OR OPERATED UNDER THE CANOPY OF TREES TO BE SAVED.
2. PETROLEUM PRODUCTS AND CHEMICALS SHOULD NOT BE STORED, SPILLED, OR DUMPED UNDER PROTECTED TREE CANOPIES.
3. EXCAVATION OR STOCKPILING BENEATH PROTECTED TREES IS NOT ACCEPTABLE.
4. IN NO CASE SHALL BOARDS OR FENCES BE NAILED TO PROTECTED TREES.

NOT TO SCALE

CORRECT METHODS OF TREE FENCING

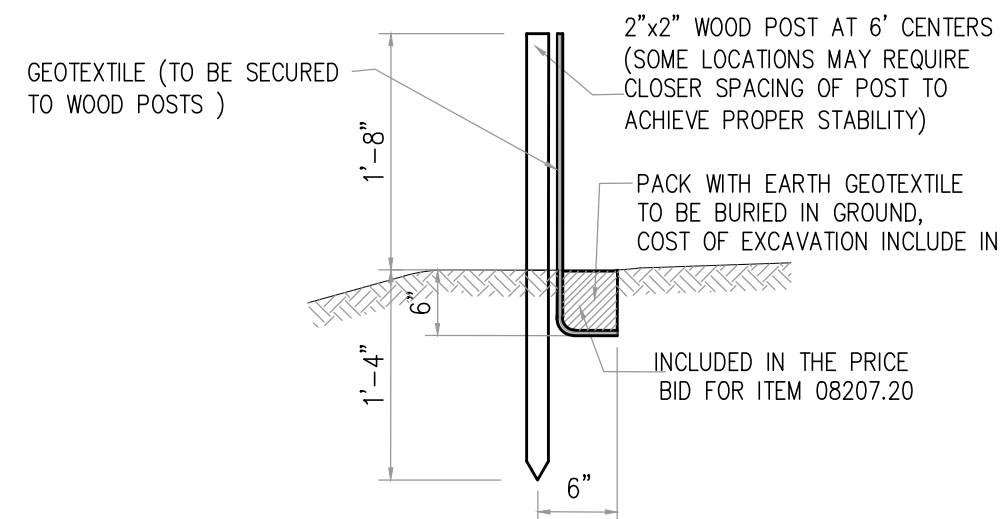


CONSTRUCTION SPECIFICATIONS

1. CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
2. GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
3. WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
4. UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
5. MAXIMUM DRAINAGE AREA TRIBUTARY TO INLET NOT TO EXCEED 1.0 ACRE.
6. INSPECTION OF THIS PRACTICE SHALL BE CONDUCTED BY A QUALIFIED PROFESSIONAL AT LEAST EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GRATER.

EXCAVATED DROP INLET PROTECTION

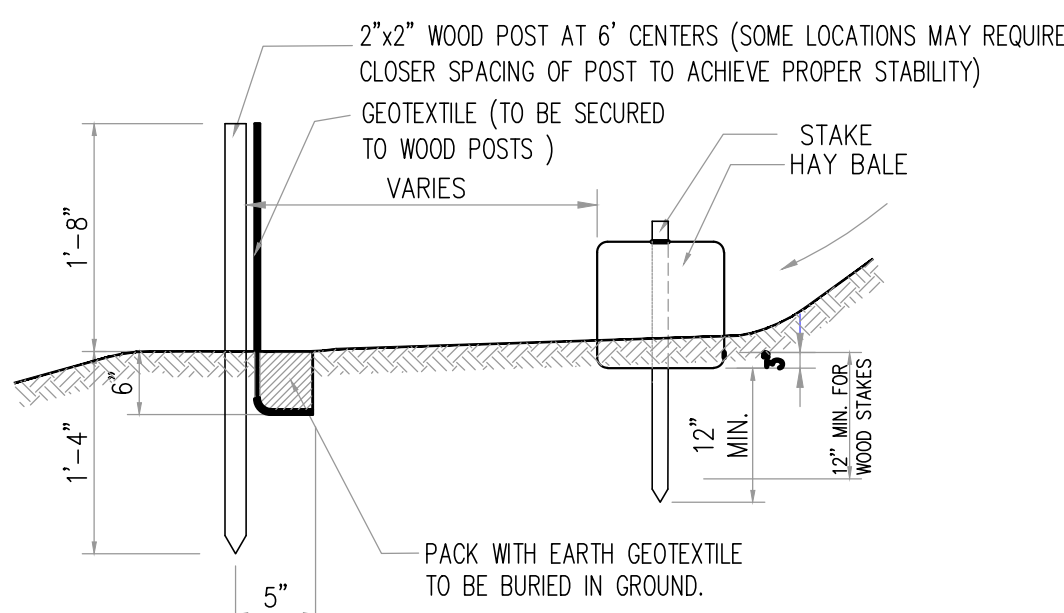
NOT TO SCALE



SILT FENCE

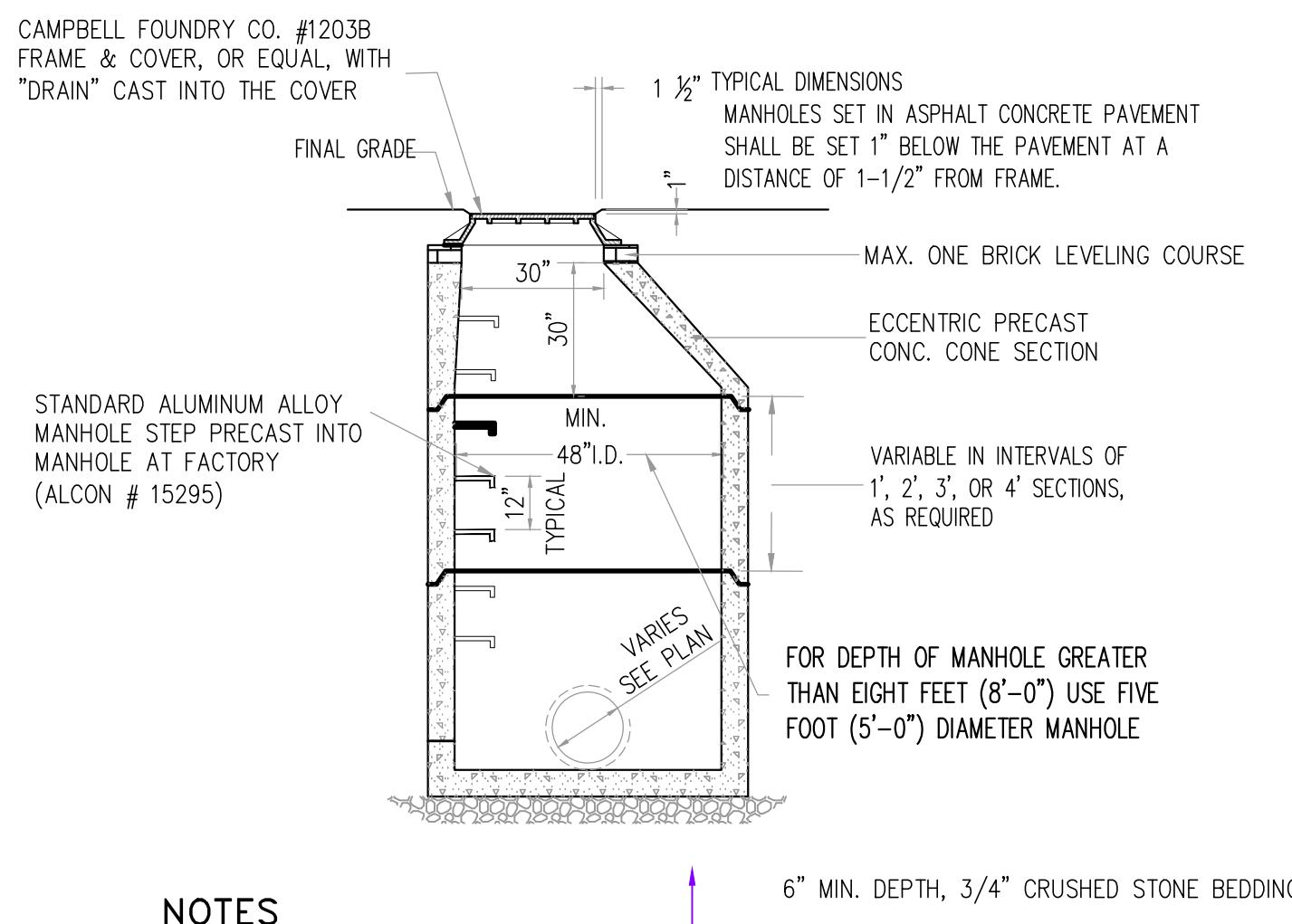
NOT TO SCALE

SILT FENCE DETAIL



HAY BALES AND SILT FENCE

NOT TO SCALE

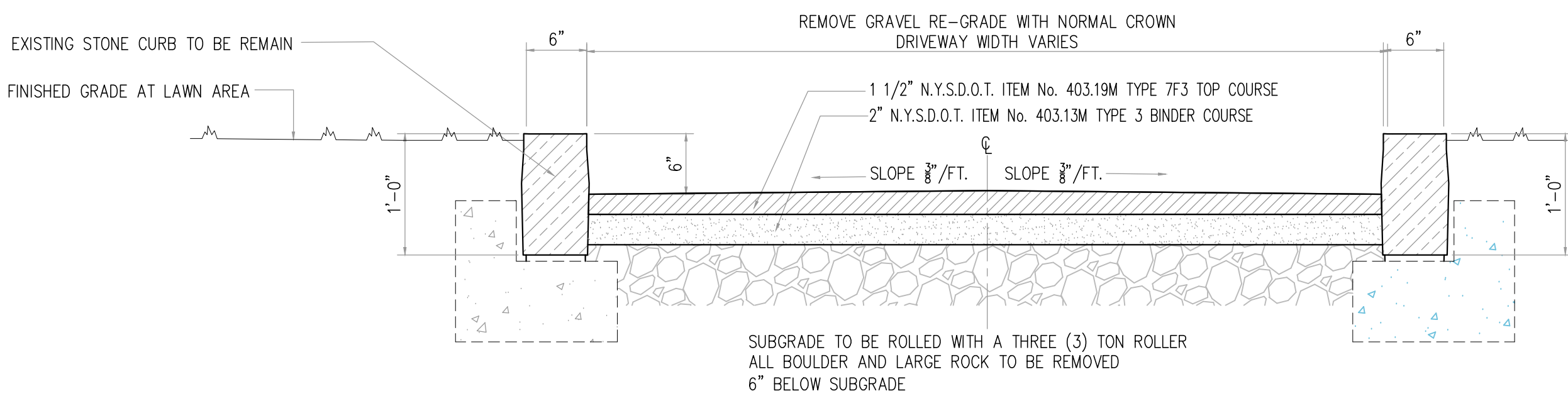


NOTES

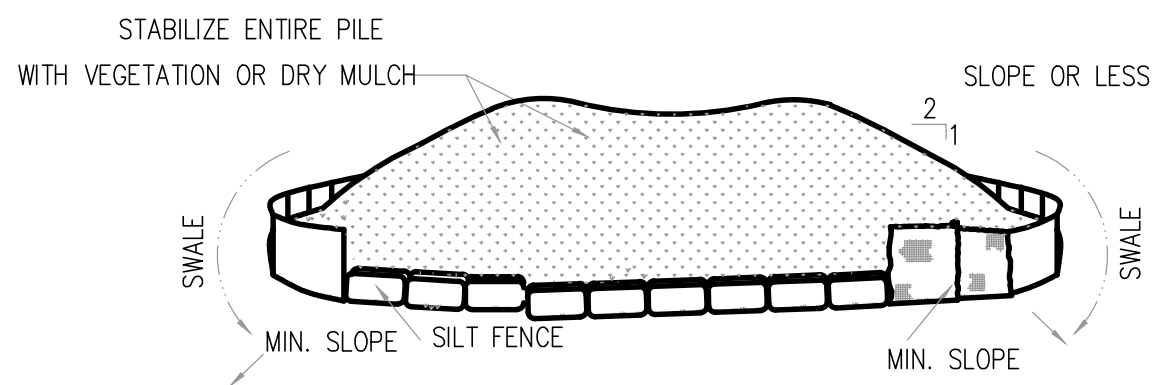
1. PRECAST REINFORCED CONCRETE MANHOLE WALLS & CONE SHALL BE DESIGNED FOR H-20 TRUCK LOADING WITH 50% IMPACT LOADING. CERTIFICATION TO BE PROVIDED TOWN ENGINEER BEFORE INSTALLATION.
2. ALL PIPES SHALL BE CUT FLUSH WITH INSIDE MANHOLE WALLS, AND PARGED INSIDE AND OUTSIDE WITH NON-SHRINK, HYDRAULIC CEMENT MORTAR.

NOT TO SCALE

PRECAST STORM DRAIN MANHOLE



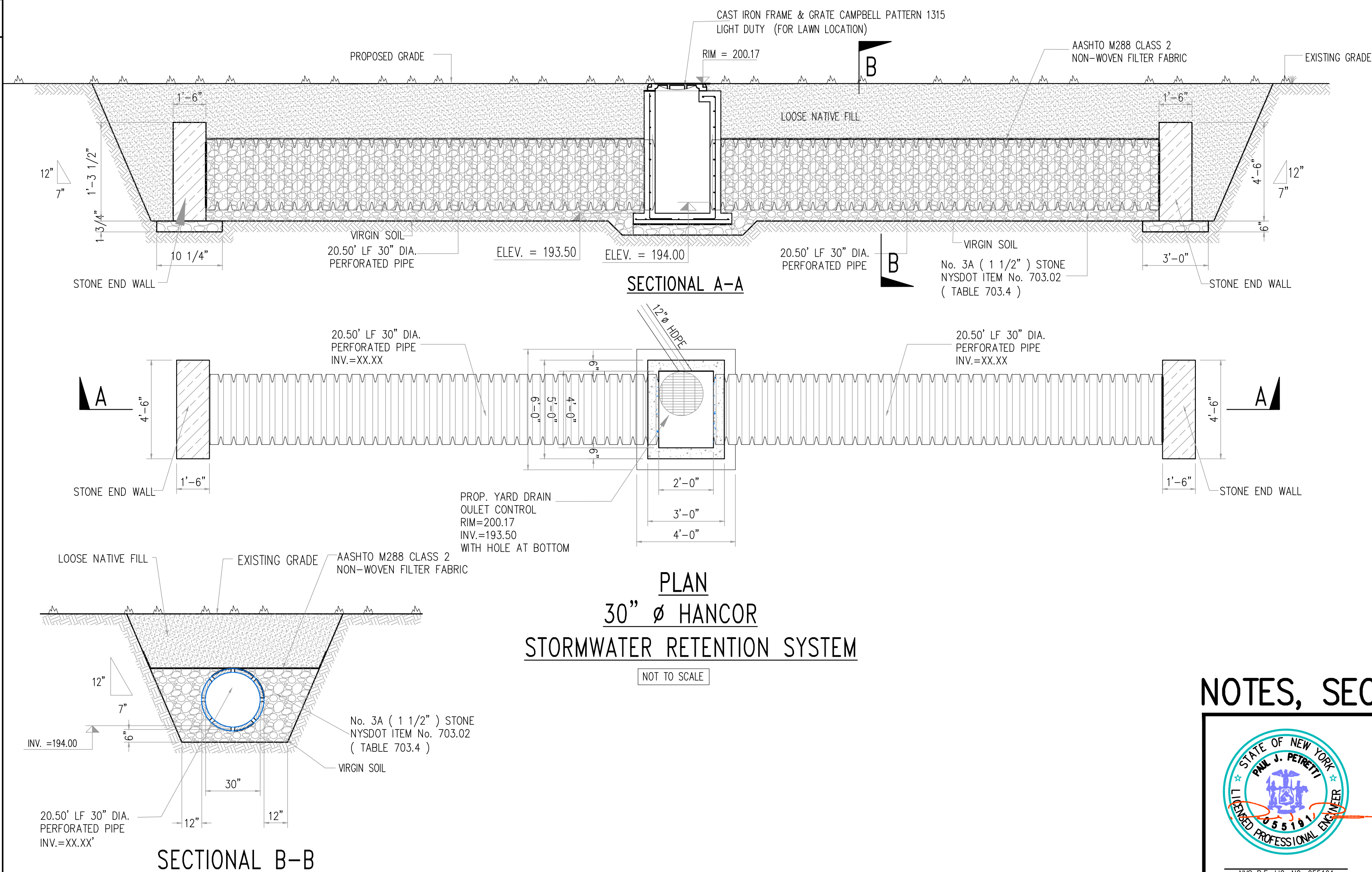
DRIVEWAY DETAILS



INSTALLATION NOTES

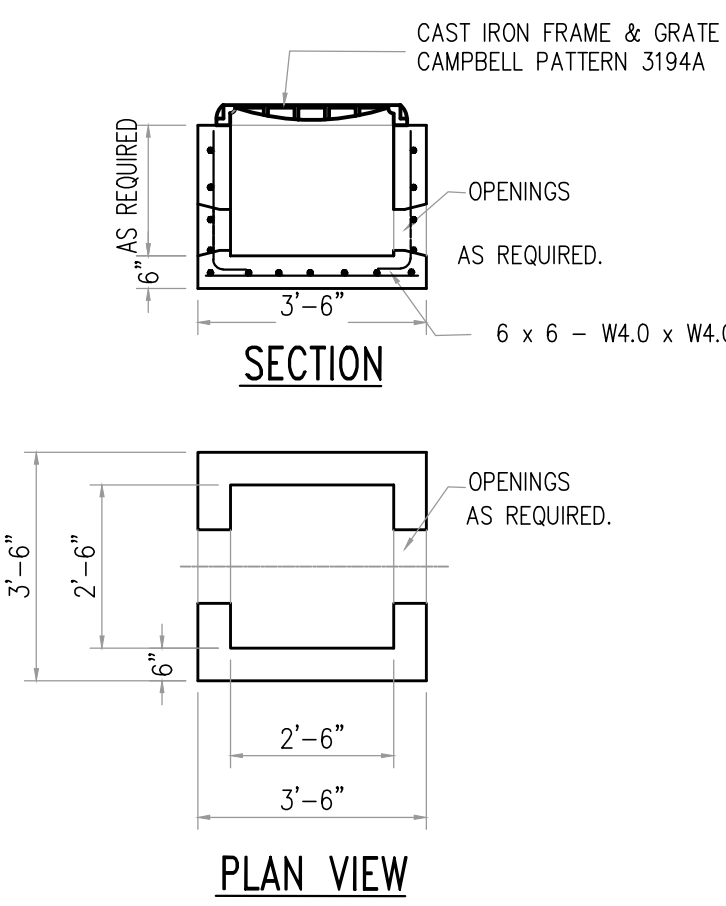
1. THE AREA CHOSEN FOR STOCKPILING SHALL BE FLAT, DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR HAY BALES, THEN STABILIZED WITH VEGETATION OR DRY MULCH.
4. SEE SPECIFICATIONS (THIS SHEET) FOR INSTALLATION OF SILT FENCE.

TEMPORARY STOCKPILE DETAIL



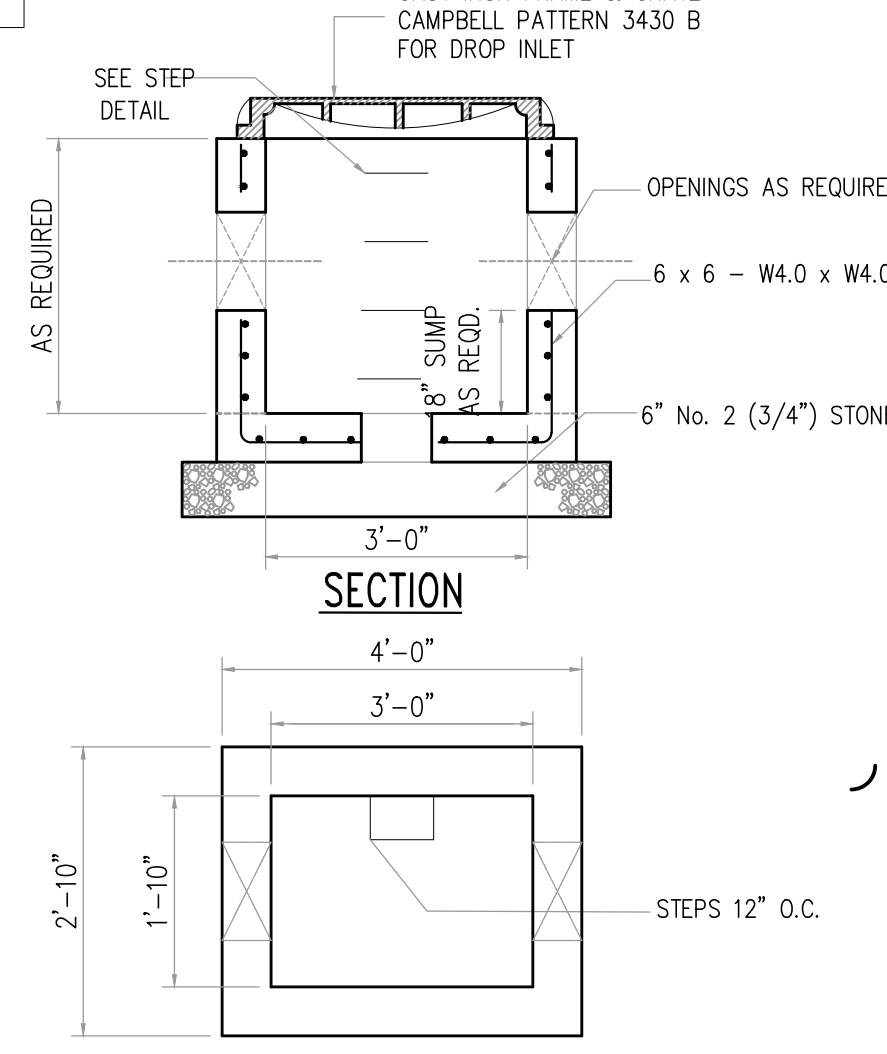
30" HANCOR STORMWATER RETENTION SYSTEM

NOT TO SCALE



DROP INLET

CONCRETE TO TEST 4000 PSI AT 28 DAYS
IN CONFORMANCE WITH ASTM C-478-68



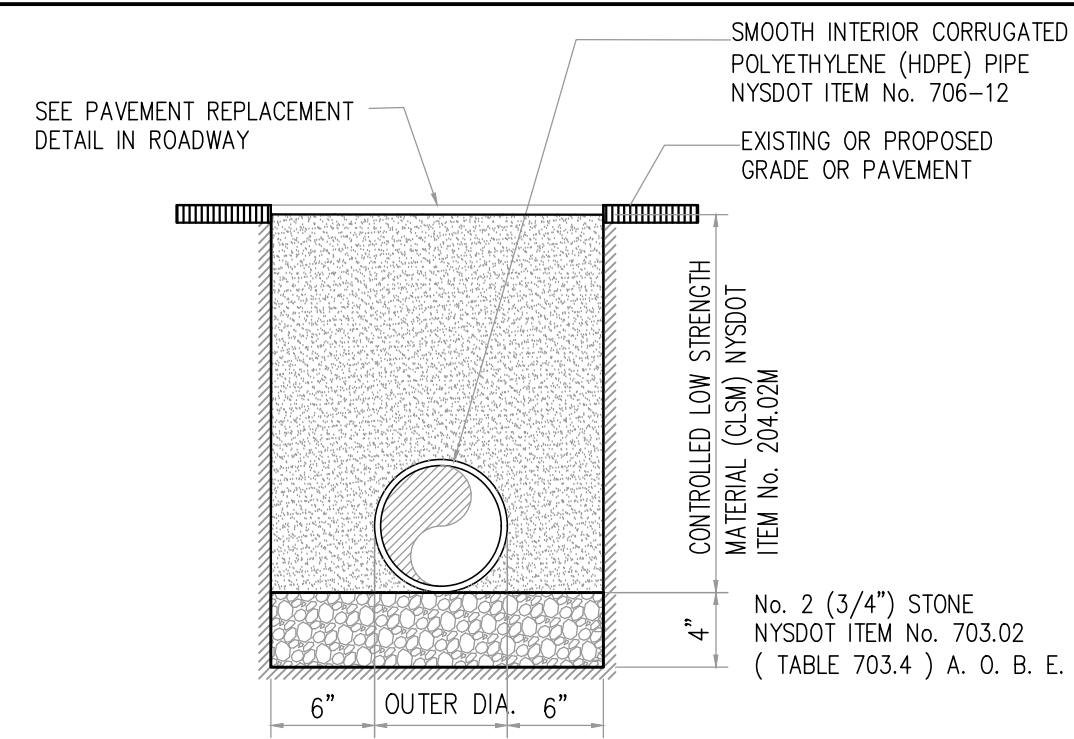
CATCH BASIN DETAILS

NOTES

1. PRECAST REINFORCED CONCRETE CATCH BASIN WALLS SHALL BE DESIGNED FOR H-20 TRUCK LOADING WITH 50% IMPACT LOADING. CERTIFICATION TO BE PROVIDED TOWN ENGINEER BEFORE INSTALLATION.
2. ALL PIPES SHALL BE CUT FLUSH WITH INSIDE CATCH BASIN WALLS, AND PARGED INSIDE AND OUTSIDE WITH NON-SHRINK, HYDRAULIC CEMENT MORTAR.
3. BACKFILL IN EXISTING PAVED STREETS SHALL BE WITH "K-CRETE", OR APPROVED EQUAL.

NOT TO SCALE

CATCH BASIN



POLYETHYLENE (HDPE) PIPE ADS-N12 PIPE

TRENCH DETAIL

NOT TO SCALE

NOTES, SECTIONS AND DETAILS



NY S. P. E. No. 55191

REVISIONS		
NO.	DATE	DESCRIPTION
1	05.10.23	DESIGN MODIFICATION

SITE IMPROVEMENT LEVEL REAR YARD

PREPARED FOR
JULIE & MICHAEL CIVALE
25 OSCEOLA AVENUE, VILLAGE OF DOBBS FERRY,
WESTCHESTER COUNTY, NEW YORK

PAUL J. PETRETTI
CIVIL ENGINEER & LAND SURVEYOR
30 GOLD AVENUE, DOBBS FERRY, NEW YORK 10522.

CIVIL ENGINEERING - LAND SURVEYING & MAPPING - SITE DESIGN & PLANNING
ENVIRONMENTAL & GEOTECHNICAL - DRAINAGE & STORMWATER QUALITY
EROSION & SEDIMENT CONTROL STORMWATER POLLUTION PREVENTION PLANS
Phone Number 914-674-3827 Cell 914-672-1518 E-Mail: PJP@ES&M.com

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