

- NOTES:
1. TOPSOIL STOCKPILE TO BE SEED AS PER THE TEMPORARY SEEDING SPECIFICATIONS.
 2. SILT FENCE TO BE INSTALLED DOWN GRADIENT OF STOCKPILE.

TOPSOIL STOCKPILE DETAIL

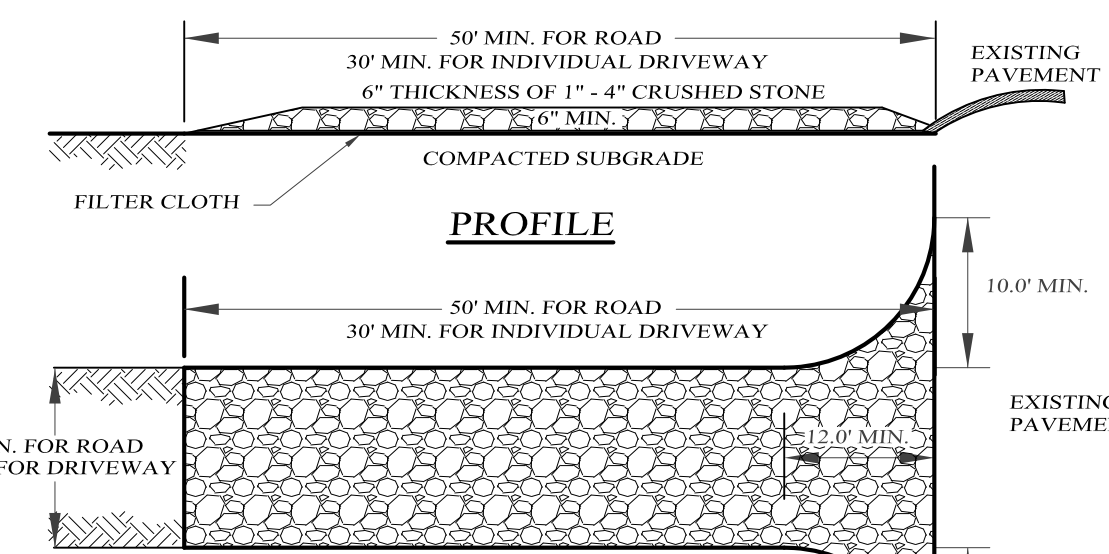
NOT TO SCALE

FENCE PROPERTIES	MINIMUM VALUE	STANDARD	
GRAB TENSILE STRENGTH (LBS)	90	ASTM D 1682	WOVEN WIRE FENCE (MIN. 14 GAUGE W MAX. 6" MESH SPACING) WITH FILTER CLOTH SPECIFIED FOR USE AS SILT FENCE
ELONGATION AT FAILURE (%)	50	ASTM D 1682	
MULEN BURST STRENGTH (PSI)	190	ASTM D 3786	
PUNCTURE STRENGTH (LBS)	40	ASTM D 751 (MODIFIED)	DIG 6" WIDE x 6" DEEP TRENCH BURY BOTTOM 1'-0" OF FILTER CLOTH WITH COMPACTED SOIL
SLURRY FLOW RATE (GAL./MIN/SP)	0.3		
EQUILIVENT OPENING SIZE	40-80	US STD SIEVE CW-02215	
ULTRAVIOLET RADIATION STABILITY (%)	90	ASTM G-26	
SLOPE STEEPNESS	2:1	MAXIMUM FENCE SPACING (FT)	
	3:1	25	
	4:1	75	
5:1 OR FLATTER		100	

- NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
 2. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD WITH A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
 3. STEEL POSTS WILL BE STANDARD "T" AND "U" SECTION WEIGHING NOT LESS THAN 100 POUND PER LINEAR FOOT.
 4. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
 5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 6" AND FORDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFT 100X, STABILINKA T400N, OR APPROVED EQUAL.
 6. PREFABRICATED UNITS SHALL BE GEOPAR, ENVROFENCE, OR APPROVED EQUAL.
 7. ALL SILT FENCES SHALL RUN PARALLEL TO THE CONTOUR OF THE LAND.
 8. ALL SILT FENCING SHALL MEET THE MINIMUM REQUIREMENTS AS STATED UNLESS OTHERWISE NOTED AND APPROVED BY THE BUILDING INSPECTOR AND ENGINEER.
 9. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

FILTER FABRIC SILT FENCE DETAIL

NOT TO SCALE



PROFILE

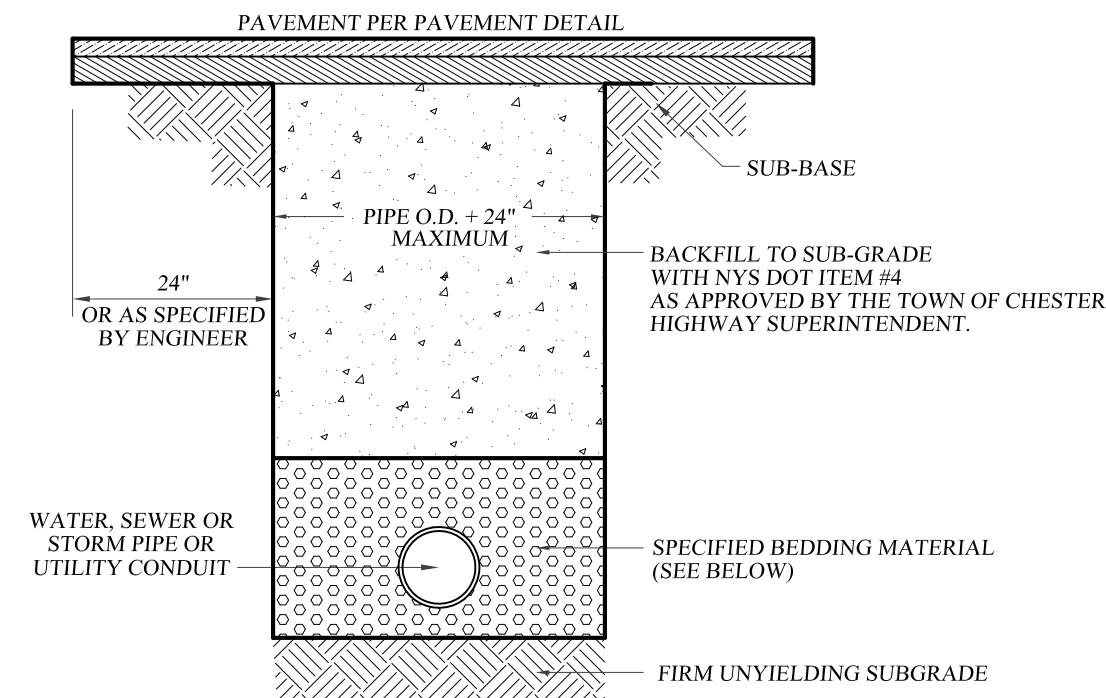
PLAN

CONSTRUCTION SPECIFICATIONS:

1. ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO TO PUBLIC R.O.W. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC R.O.W. MUST BE REMOVED IMMEDIATELY.
2. A CRUSHED STONE, VEHICLE WHEEL-CLEANING BLANKET WILL BE INSTALLED WHERE A CONSTRUCTION ACCESS ROAD INTERSECTS ANY PAVED ROADWAY. THE BLANKET SHALL BE COMPOSED OF 6" DEPTH OF 1'-4" CRUSHED STONE. SHALL BE AT LEAST 24' x 50' FOR THE ROAD ENTRANCE AND 12' x 30' FOR DRIVEWAYS, AND SHALL BE PLACED ON COMPACTED SUB-GRADE.
3. A FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
4. ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
5. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE

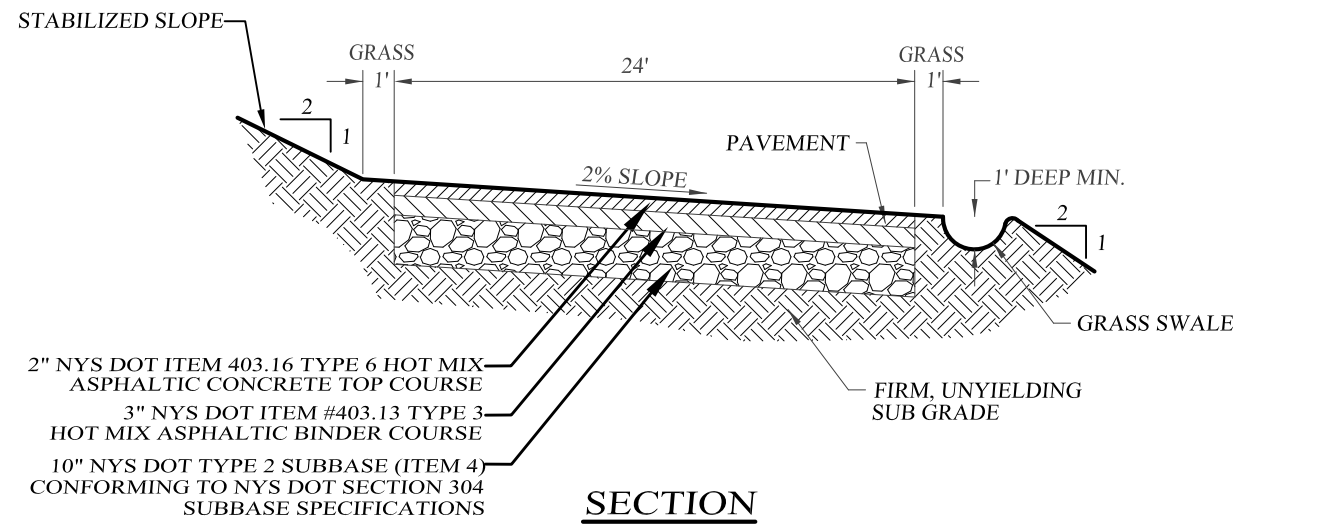


MATERIALS

- PIPE ZONE BEDDING MATERIAL:
1. WATER MAINS: SAND OR RUN-OF-BANK GRAVEL, AS APPROVED BY SOILS ENGINEER.
 2. SEWER MAINS: 1/4" CHRUSHED STONE.
- PIPE ZONE BACKFILL MATERIAL:
1. WATER MAINS: ON-SITE MATERIAL FREE OF STONE, CLAY FOREIGN MATERIAL OR FROZEN EARTH AS APPROVED BY SOILS ENGINEER.
 2. SEWER MAINS: 1/4" CHRUSHED STONE.

PIPE BEDDING AND BACKFILL

NOT TO SCALE

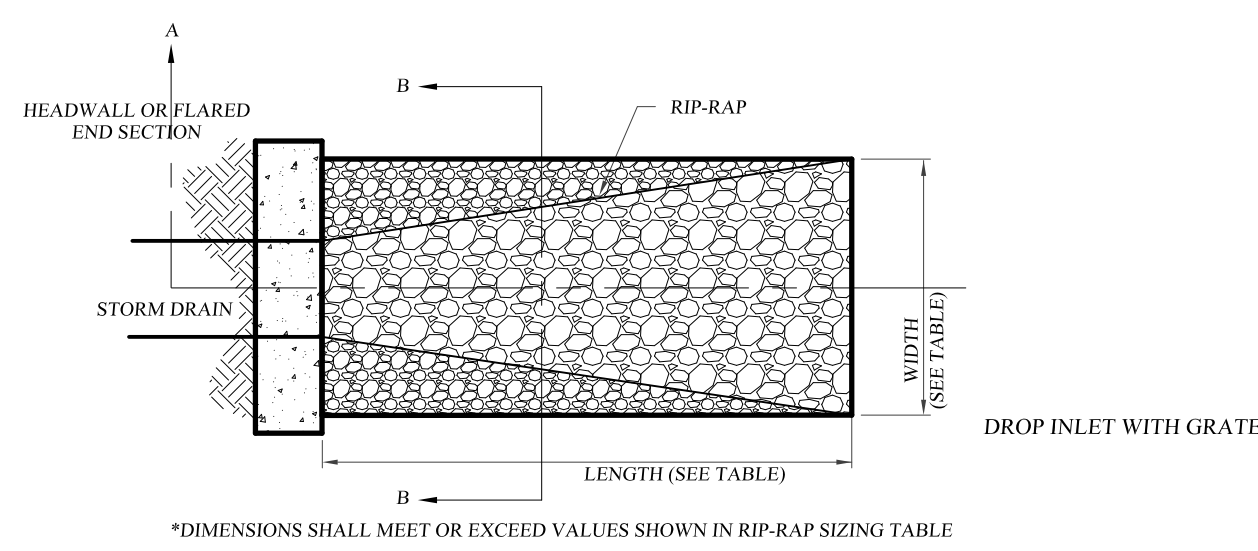


SECTION

ACCESS DRIVE DETAIL

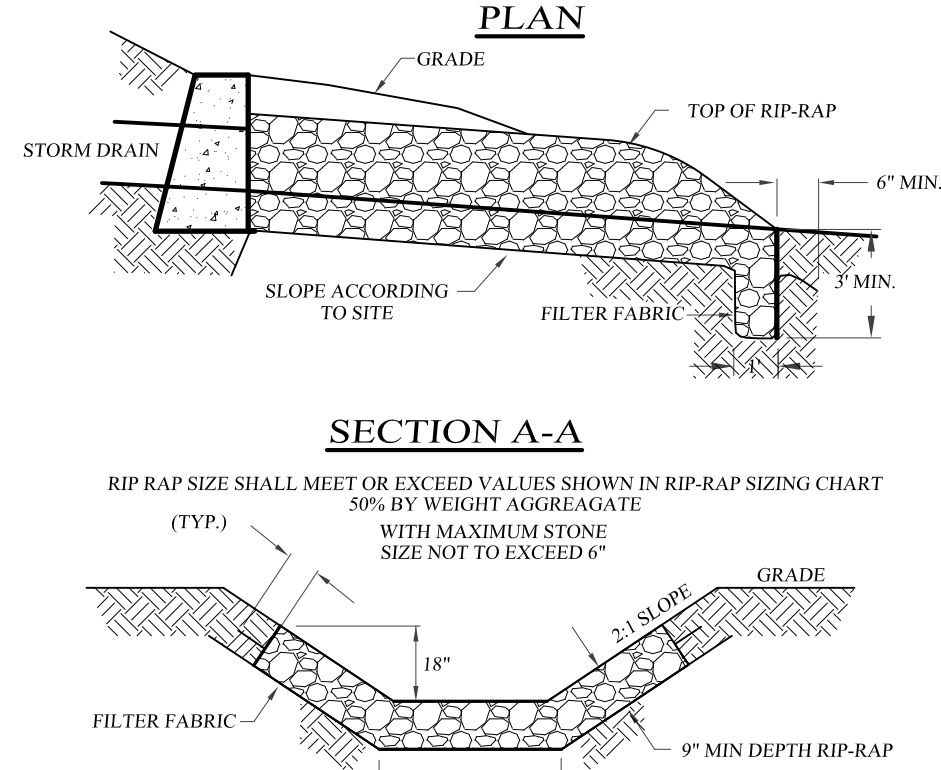
WITHIN SITE

NOT TO SCALE



PLAN

*DIMENSIONS SHALL MEET OR EXCEED VALUES SHOWN IN RIP-RAP SIZING TABLE

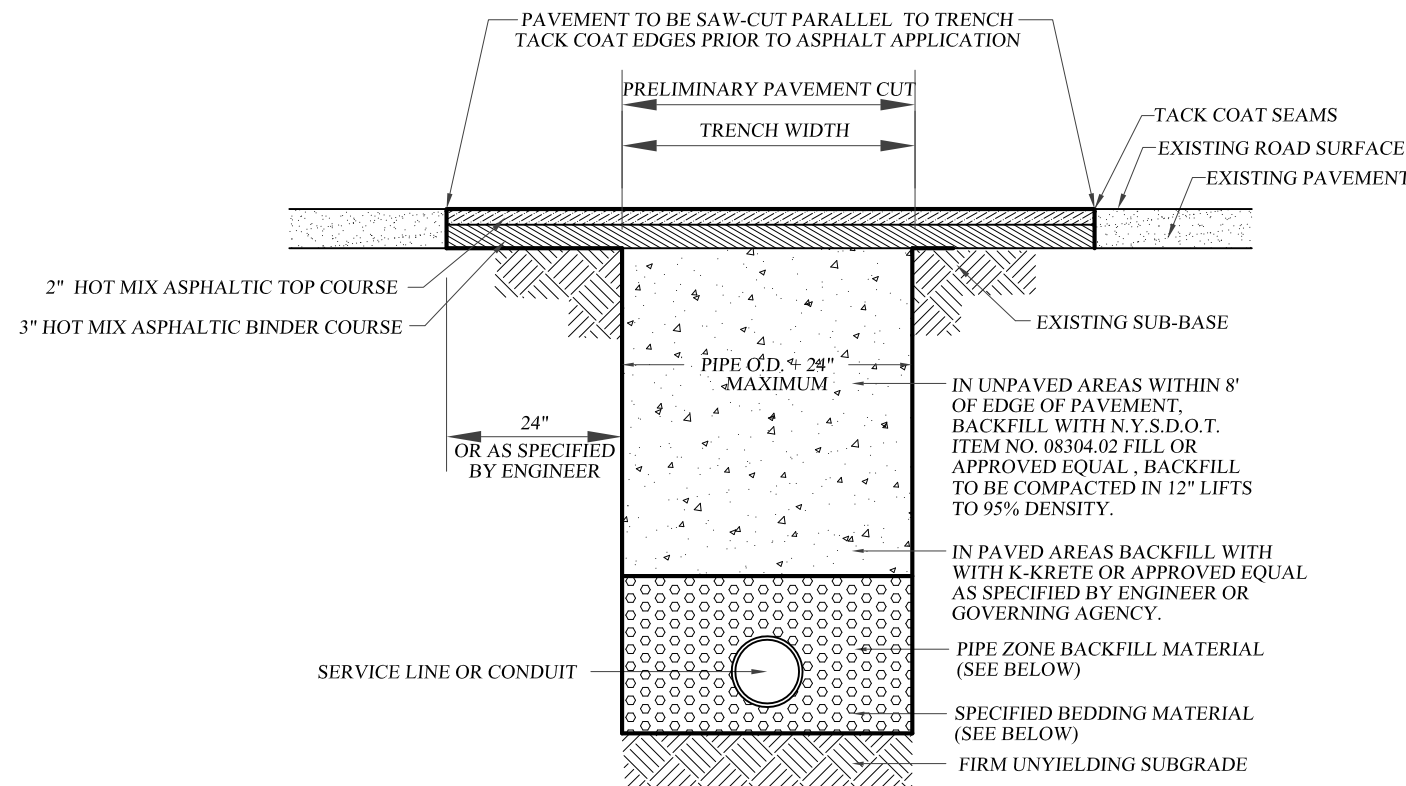


SECTION A-A

SECTION B-B

RIP-RAP OUTLET DETAIL

NOT TO SCALE



MATERIALS

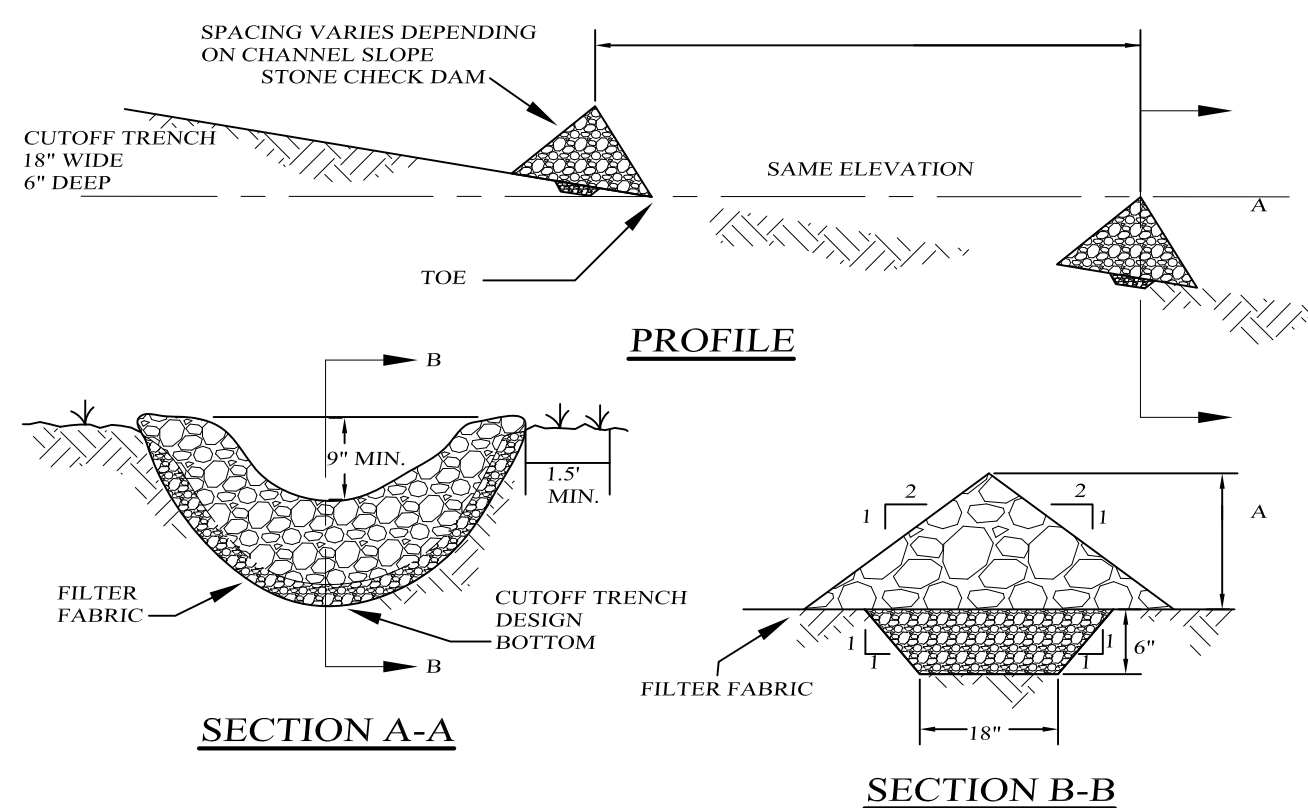
- PIPE ZONE BEDDING MATERIAL:
1. WATER MAINS: SAND OR RUN-OF-BANK GRAVEL, AS APPROVED BY SOILS ENGINEER.
 2. SEWER MAINS: SAND OR PEA GRAVEL.
 3. STORM SEWER: 3/4" CRUSHED STONE.
- PIPE ZONE BACKFILL MATERIAL:
1. WATER MAINS: ON-SITE MATERIAL FREE OF STONE, CLAY FOREIGN MATERIAL OR FROZEN EARTH AS APPROVED BY SOILS ENGINEER.
 2. SEWER MAINS: SAND OR PEA GRAVEL.
 3. STORM SEWER ON-SITE MATERIAL FREE OF STONE, CLAY FOREIGN MATERIAL OR FROZEN EARTH AS APPROVED BY SOILS ENGINEER.

PIPE BEDDING AND BACKFILL

NOT TO SCALE

DETAIL

(WITHIN TOWN OR COUNTY R.O.W.)



PROFILE

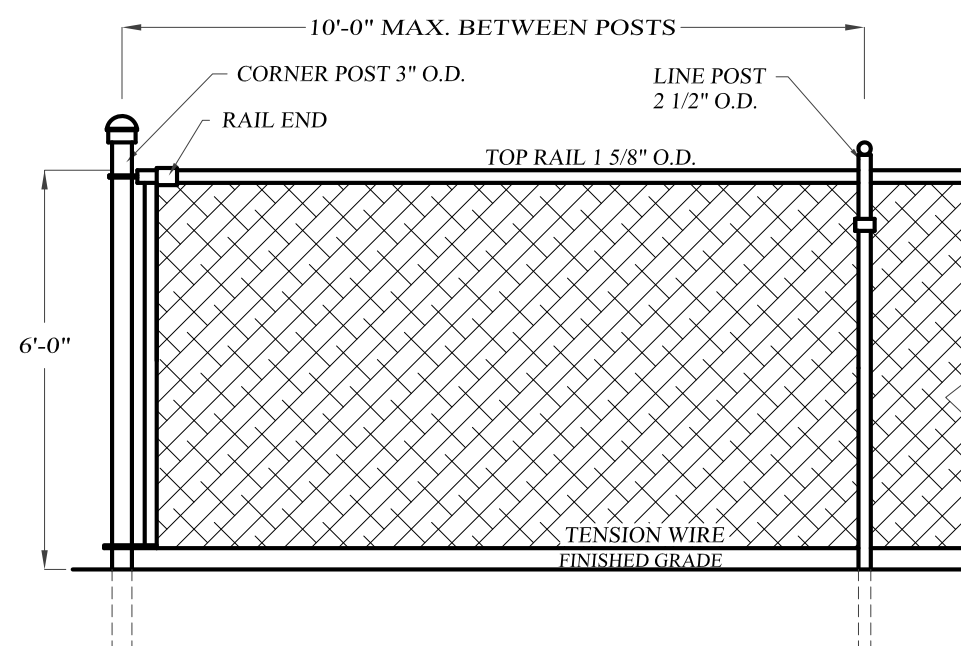
SECTION A-A

SECTION B-B

- CONSTRUCTION SPECIFICATIONS:
1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
 2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATION OF THE CREST OF THE DOWN STREAM DAM IS AT THE SAME ELEVATION OF THE TOP OF THE UPSTREAM DAM.
 3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
 5. ENSURE THAT CHANNEL APERTURENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.
 6. MAXIMUM DRAINAGE AREA IS 2 ACRES ABOVE THE CHECK DAM.

CHECK DAM DETAILS

NOT TO SCALE

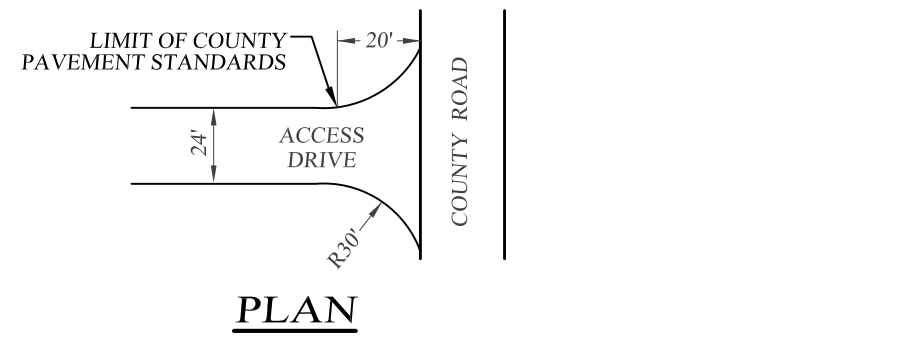


NOTES:

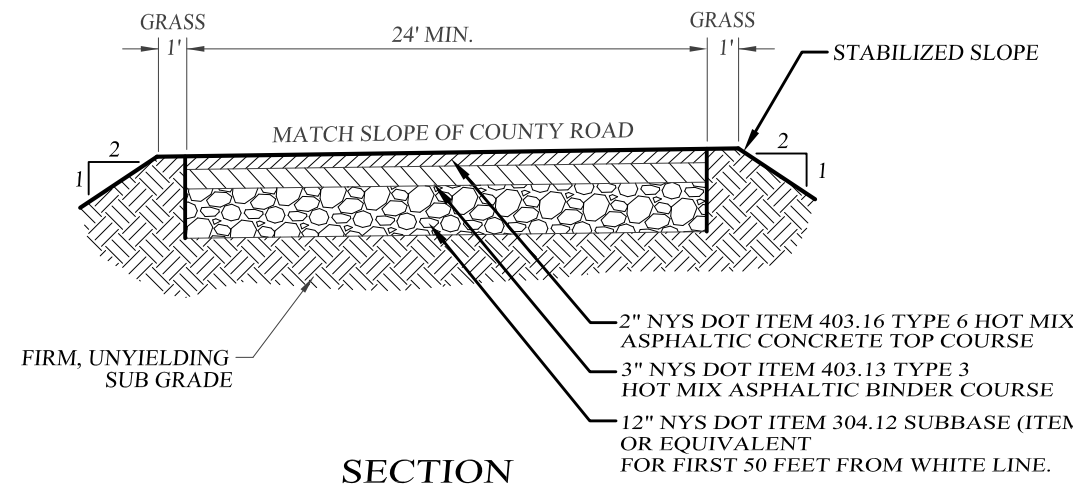
1. POST SPACING SHALL BE EQUIDISTANT.
2. ALL FENCE COMPONENTS SHALL BE INSTALLED PER MANUFACTURER.

CHAIN LINK FENCE DETAIL

NOT TO SCALE



PLAN



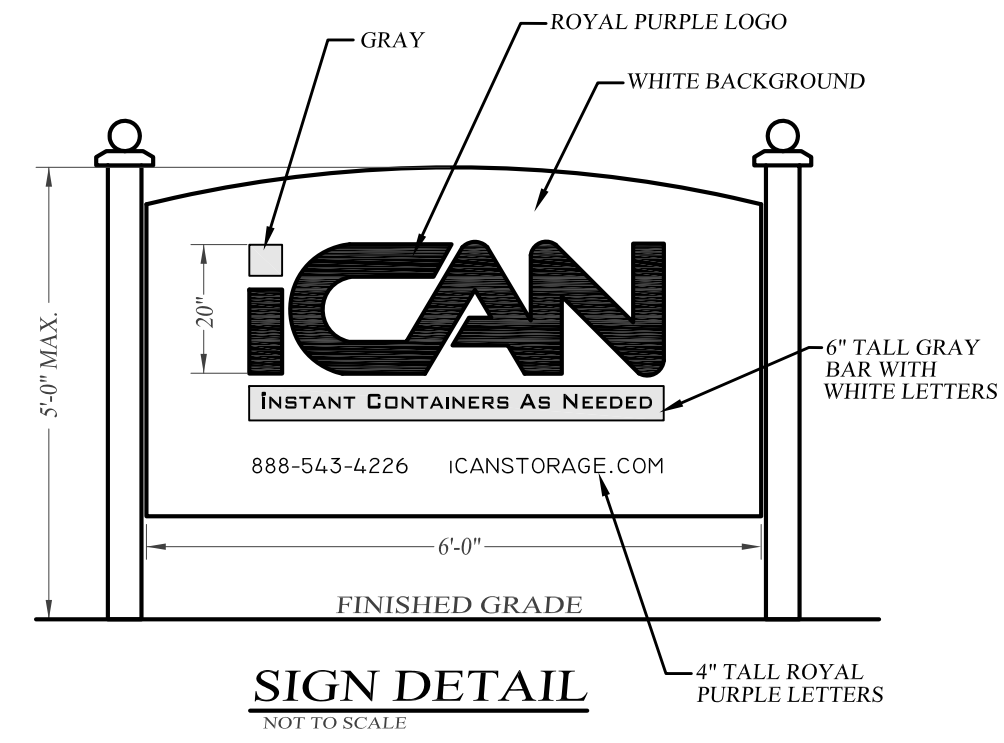
SECTION

ACCESS DRIVE DETAIL

WITHIN COUNTY R.O.W.

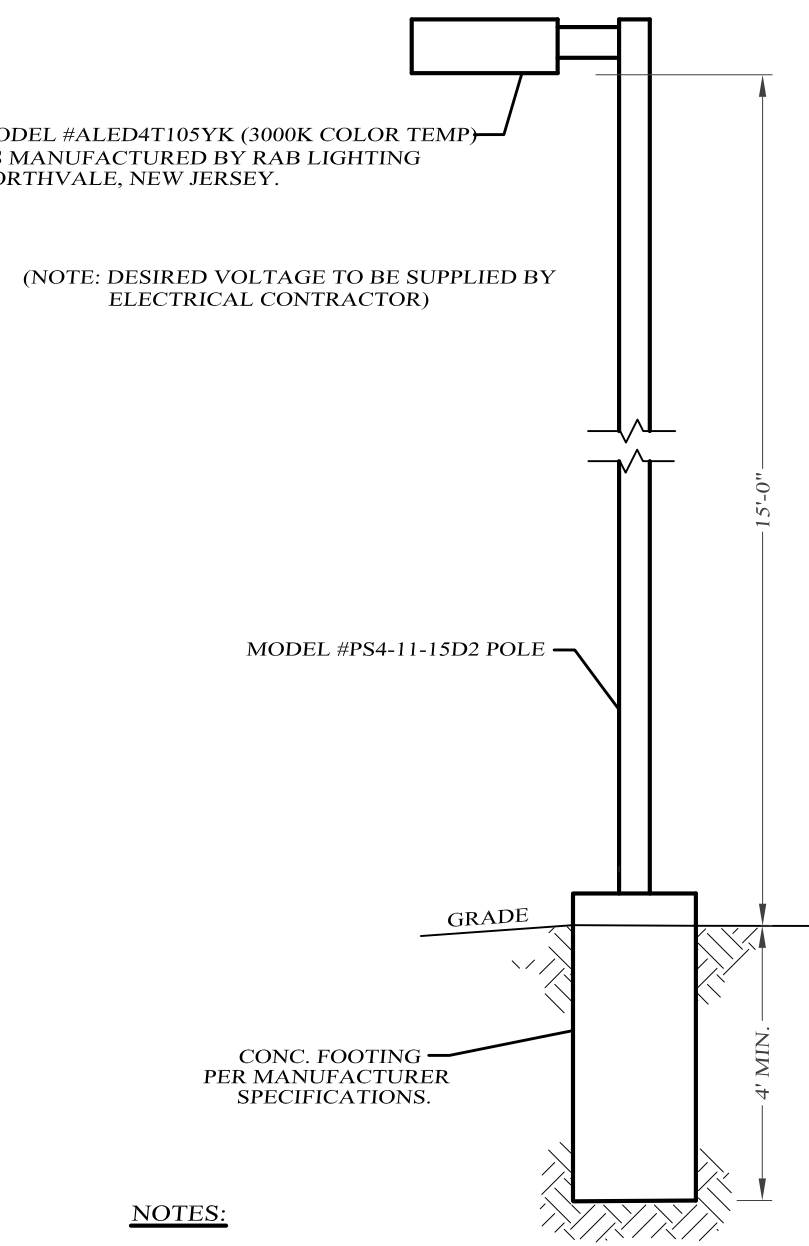
NOT TO SCALE

- NOTES:
1. AT THE TIME OF CONSTRUCTION, THE NEW DRIVEWAY PAVEMENT IS TO BE KEVED INTO THE COUNTY ROAD SHOULDER ASPHALT AS DIRECTED BY THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS - WORKS - DIVISION OF ENGINEERING.
 2. ACCESS DRIVE TO MEET THE COUNTY PAVEMENT STANDARDS FOR A MINIMUM OF 30 FEET FROM THE WHITE LINE.
 3. BEYOND FIRST 30 FEET FOLLOW STANDARD DETAIL FOR BASE AND PAVEMENT REQUIREMENTS.



SIGN DETAIL

NOT TO SCALE

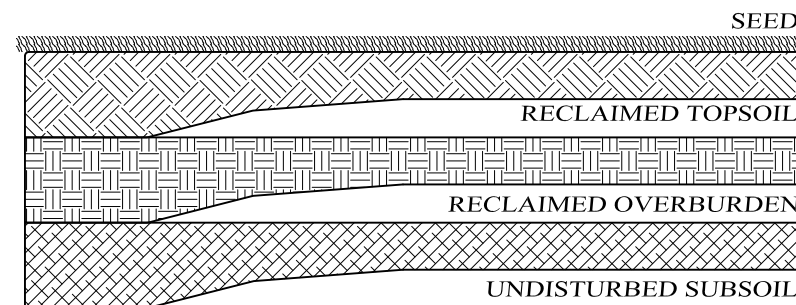


NOTES:

1. LIGHTS ALONG EXTERIOR PROPERTY LINE TO BE SHIELDED SO AS TO MINIMIZE SPILLOVER OF GLARE ONTO ADJOINING PROPERTIES.
2. ALL ELECTRICAL COMPONENTS TO BE AS SPECIFIED BY MANUFACTURER AND INSTALLED IN CONFORMANCE WITH ALL APPLICABLE BUILDING CODES.

POLE MOUNTED LIGHT DETAIL

NOT TO SCALE



RECLAMATION DETAIL

NOT TO SCALE

DATE	REVISIONS
12-21-21	ADD TREE CUTTING NOTE & SIGN DETAIL
10-26-21	REV PER ENGINEER'S COMMENTS
09-15-21	INITIAL PREPARATION

Lands of KLEIN TOWN OF CHESTER ORANGE COUNTY, NEW YORK PROJECT TITLE SEC. 6, BLK 1, LOT 68.2			
DETAIL SHEET			
DRAWING TITLE			
KIRK ROTHER, P.E. CONSULTING ENGINEER, PLLC 5 Saint Stephens Lane, Warwick, NY 10990 (845) 988-0620			
KIRK ROTHER, P.E. N.Y.S. LIC. NO. 079053 DATE			
D.O.T. SHEET #	D.E.C. SHEET #	O.C.H.D. SHEET #	SHEET #
N.A.	N.A.	N.A.	2 OF 2
CAD #	PROJECT #	SCALE	
21117 CONC	21117	AS SHOWN	

ORANGE COUNTY DEPARTMENT

OF PUBLIC WORKS NOTES:

1. NO SITE PREPARATION OR CONSTRUCTION, INCLUDING UTILITY CONNECTIONS, SHALL COMMENCE UNTIL A VALID HIGHWAY WORK PERMIT HAS BEEN SECURED FROM THE ORANGE COUNTY DEPARTMENT OF PUBLIC WORKS UNDER SECTION 136 OF THE HIGHWAY LAW.
2. THE VEGETATIVE DRIP EDGE, AT MATURITY, SHALL NOT PROJECT INTO THE COUNTY R.O.W.
3. NO SIGNS SHALL BE PLACED WITHIN, OR PROJECT INTO, THE COUNTY R.O.W.