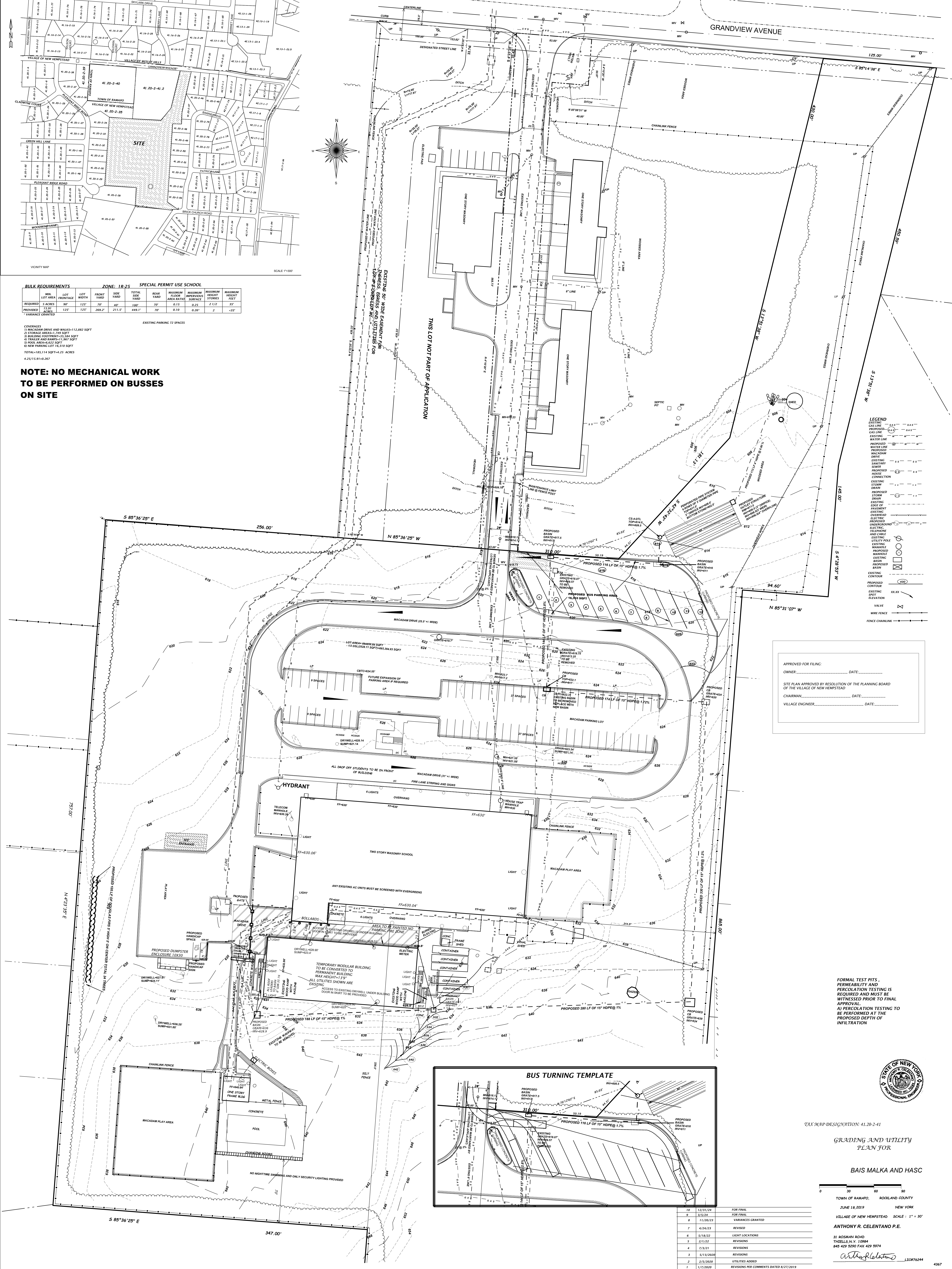




BULK REQUIREMENTS		ZONE: IR-25		SPECIAL PERMIT USE SCHOOL						
REQUIRED	PROVIDED	MIN. LOT AREA	MIN. LOT WIDTH	MIN. FRONT YARD	MIN. SIDE YARD	MIN. REAR YARD	MAXIMUM FLOOR AREA RATIO	MAXIMUM HEIGHT	MAXIMUM NUMBER OF STORIES	MAXIMUM HEIGHT FEET
5 ACRES	125'	90'	125'	70'	40'	100'	0.15	0.25	2 1/2	35'
1.571	125'	125'	125'	269.1'	211.5'	449.1'	0.10	0.20	2	35'

COVERAGES
 1) MACADAM DRIVE AND WALKS-112,882 SQFT
 2) STORAGE AREAS-1,749 SQFT
 3) EXISTING FOOTPRINTS-15,264 SQFT
 4) TRAILER AND RAMP-11,967 SQFT
 5) FLOOR AREAS-652 SQFT
 6) NEW PARKING LOT 18,310 SQFT
 TOTAL-185,114 SQFT-4.25 ACRES
 4.25/15.91-0.267

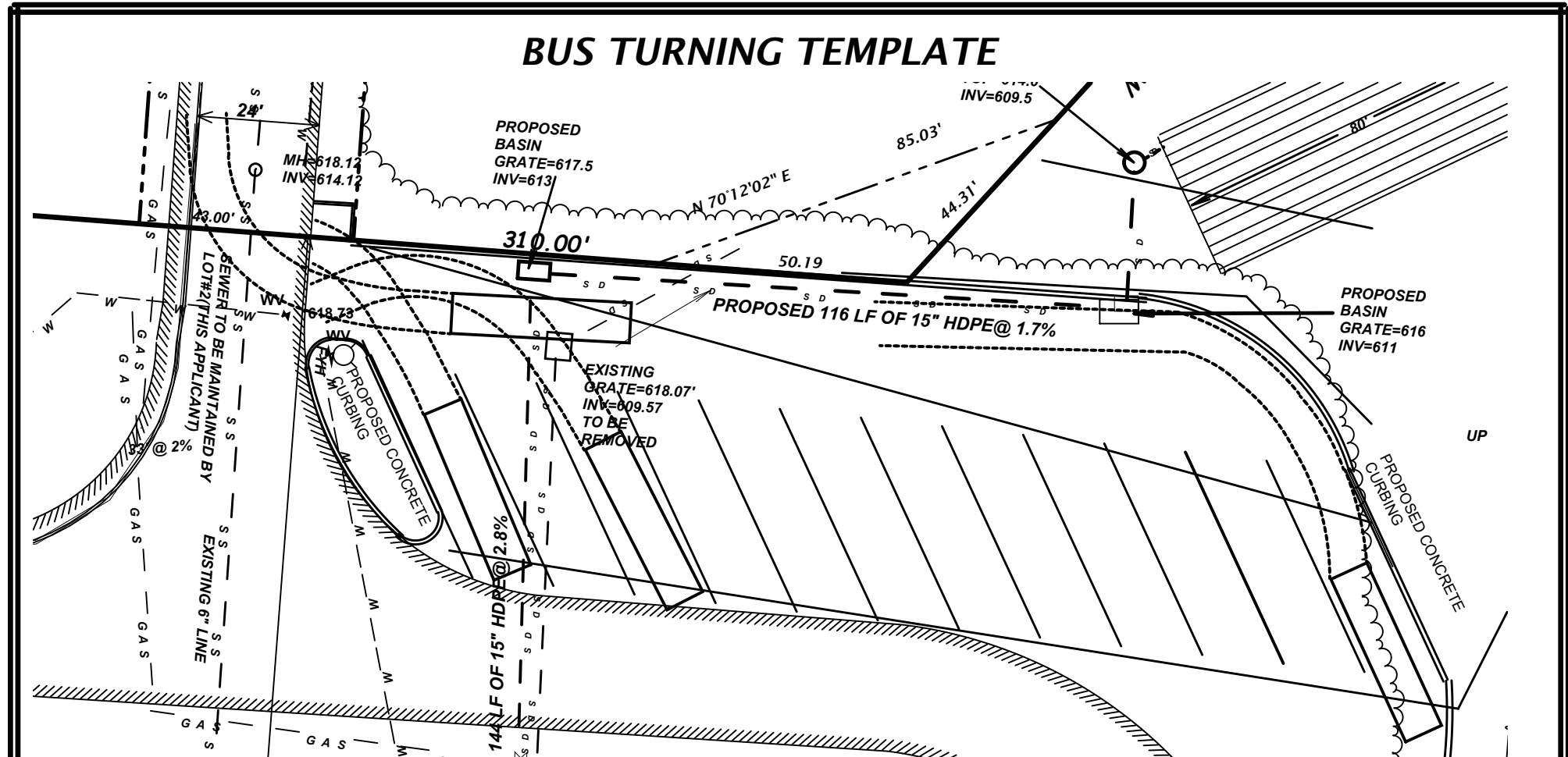
NOTE: NO MECHANICAL WORK TO BE PERFORMED ON BUSES ON SITE



LEGEND

- EXISTING GAS LINE
- PROPOSED GAS LINE
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING SANITARY LINE
- PROPOSED SANITARY LINE
- EXISTING STORM DRAIN
- PROPOSED STORM DRAIN
- EXISTING ELEC. TELEPHONE
- PROPOSED ELEC. TELEPHONE
- EXISTING UTILITY POLE
- PROPOSED UTILITY POLE
- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING BENCH
- PROPOSED BENCH
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- VALVE
- WIRE FENCE
- FENCE CHAINLINK

APPROVED FOR FILING: _____ DATE: _____
 OWNER: _____
 SITE PLAN APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE VILLAGE OF NEW HEMPSTEAD
 CHAIRMAN: _____ DATE: _____
 VILLAGE ENGINEER: _____ DATE: _____



FORMAL TEST PITS, PERMEABILITY AND PERCOLATION TESTING IS REQUIRED AND MUST BE WITNESSED PRIOR TO FINAL APPROVAL.
 A) PERCOLATION TESTING TO BE PERFORMED AT THE PROPOSED DEPTH OF INFILTRATION



TOWN MAP DESIGNATION: 41.20-2-41
GRADING AND UTILITY PLAN FOR
BAIS MALKA AND HASC

0 30 60 90
 TOWN OF RAMAPO, ROCKLAND COUNTY
 JUNE 18, 2019 NEW YORK
 VILLAGE OF NEW HEMPSTEAD SCALE: 1" = 30'

ANTHONY R. CELENTANO P.E.
 31 ROSMAN ROAD
 THEELLS, N.Y. 10984
 845 429 5290 FAX 429 5974

NO.	DATE	DESCRIPTION
10	12/31/24	FOR FINAL
9	12/04/24	FOR FINAL
8	11/20/23	VARIANCES GRANTED
7	4/24/23	REVISED
6	5/18/22	LIGHT LOCATIONS
5	2/1/22	REVISIONS
4	7/3/21	REVISIONS
3	5/13/2020	REVISIONS
2	2/5/2020	UTILITIES ADDED
1	1/7/2020	REVISIONS PER COMMENTS DATED 8/27/2019
0	DATE	DESCRIPTION

CASCADE SEPARATOR DESIGN NOTES

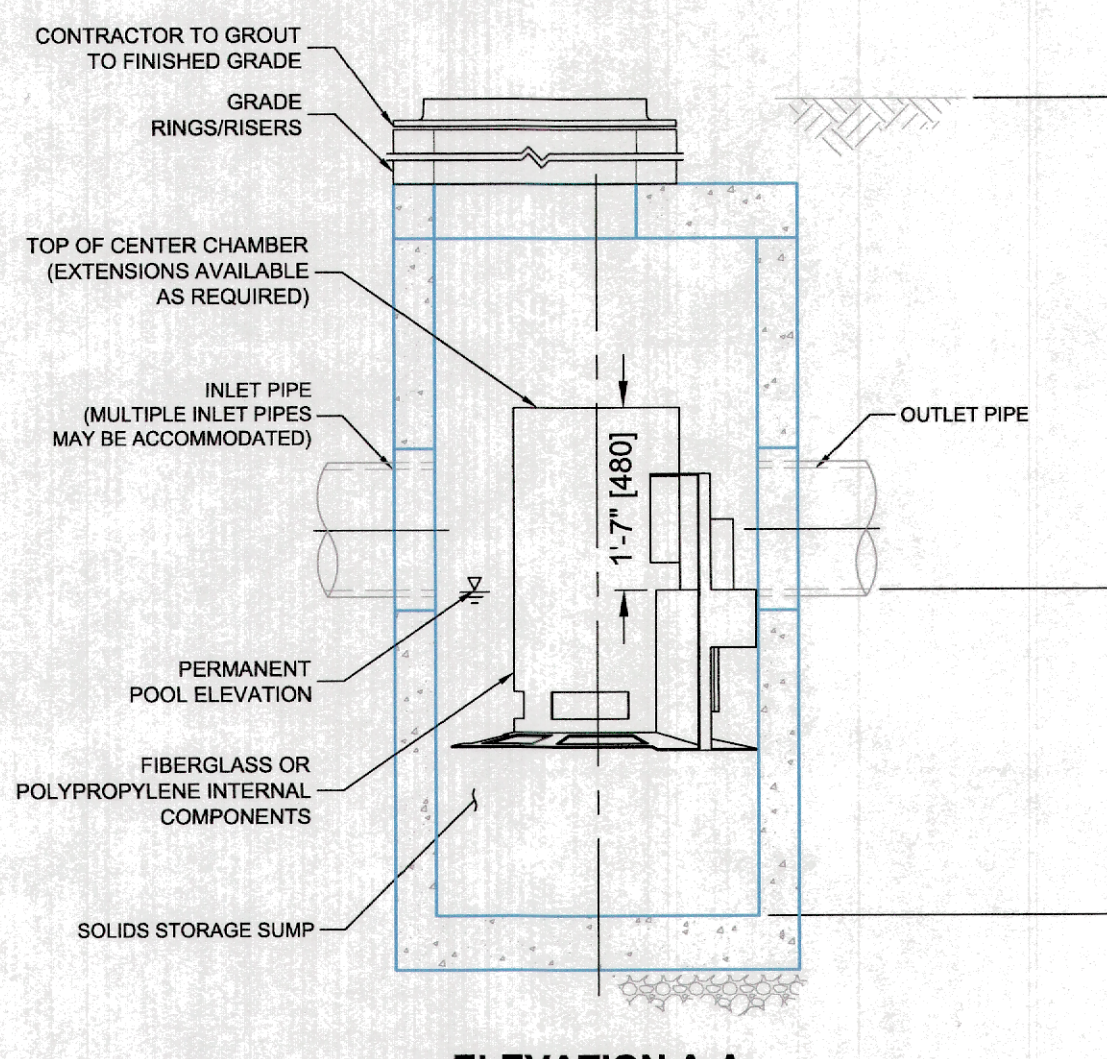
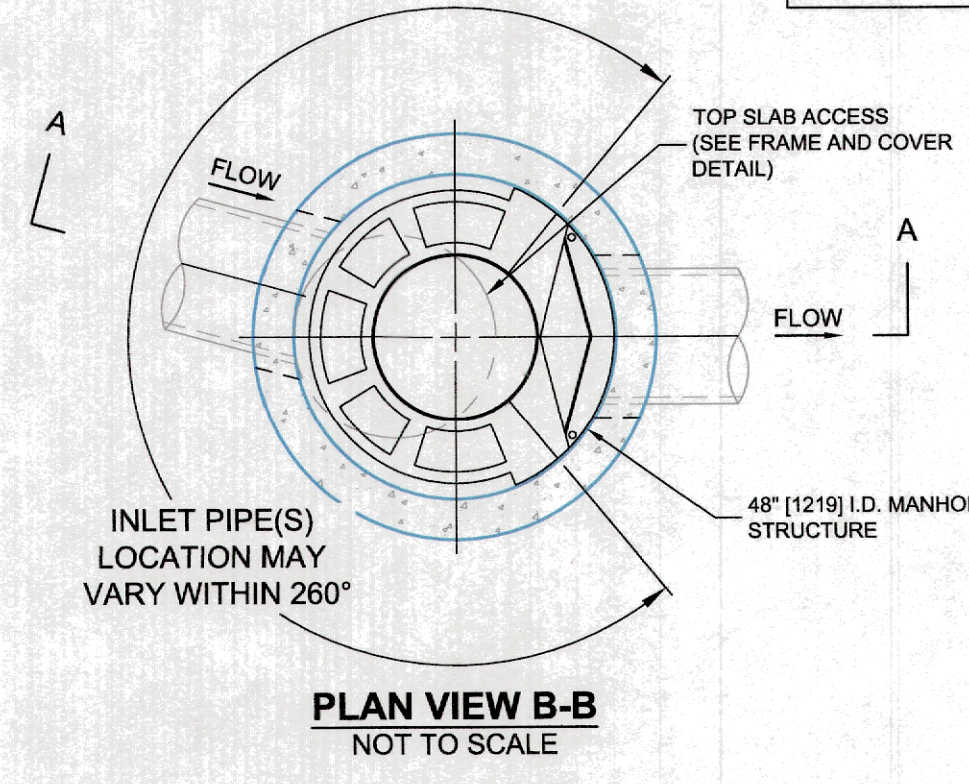
THE STANDARD #888 CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO MEET SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION

GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES

SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	#1 CS-4-DTL
WATER QUALITY FLOW RATE (GAL/IN)	2.1 GFS
PEAK FLOW RATE (GAL/IN)	2.1 GFS
RETURN PERIOD OF PEAK FLOW (YRS)	1 YEAR
RIM ELEVATION	614.0
PIPE DATA	
INLET PIPE 1	600.5 HOPE 15"
INLET PIPE 2	600.5 HOPE 15"
OUTLET PIPE	600.5 HOPE 15"



FRAME AND COVER (DIAMETER VARIES) NOT TO SCALE

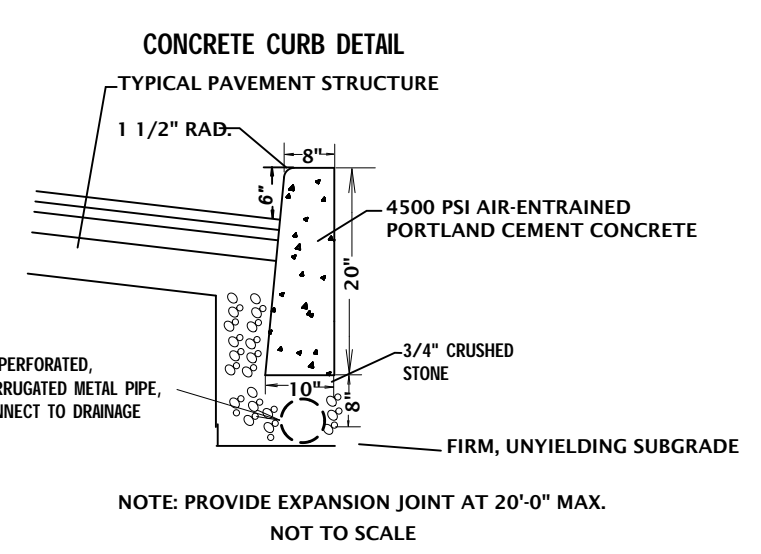


GENERAL NOTES

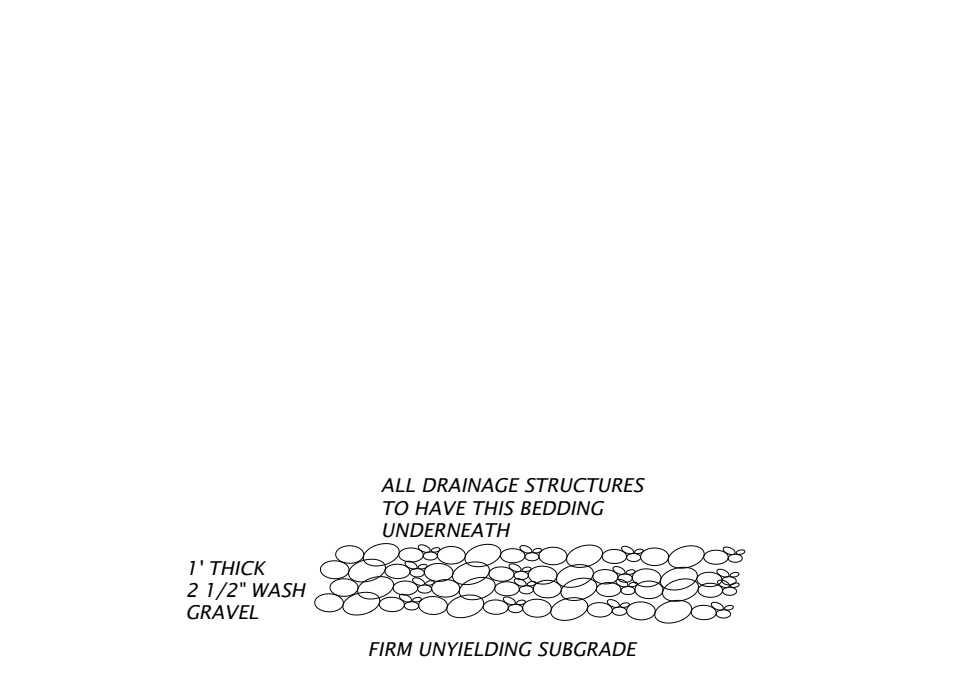
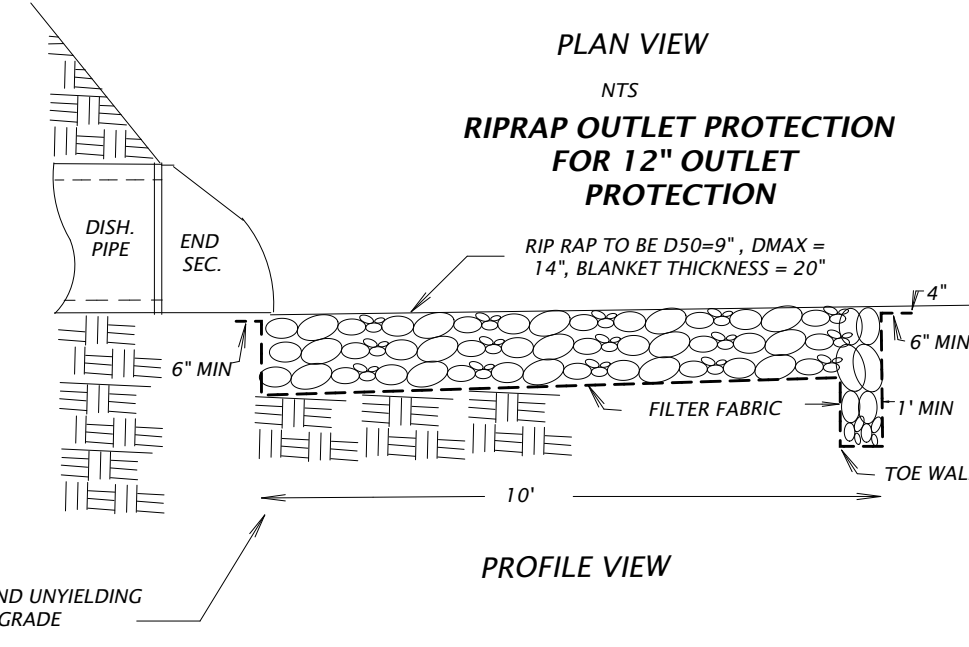
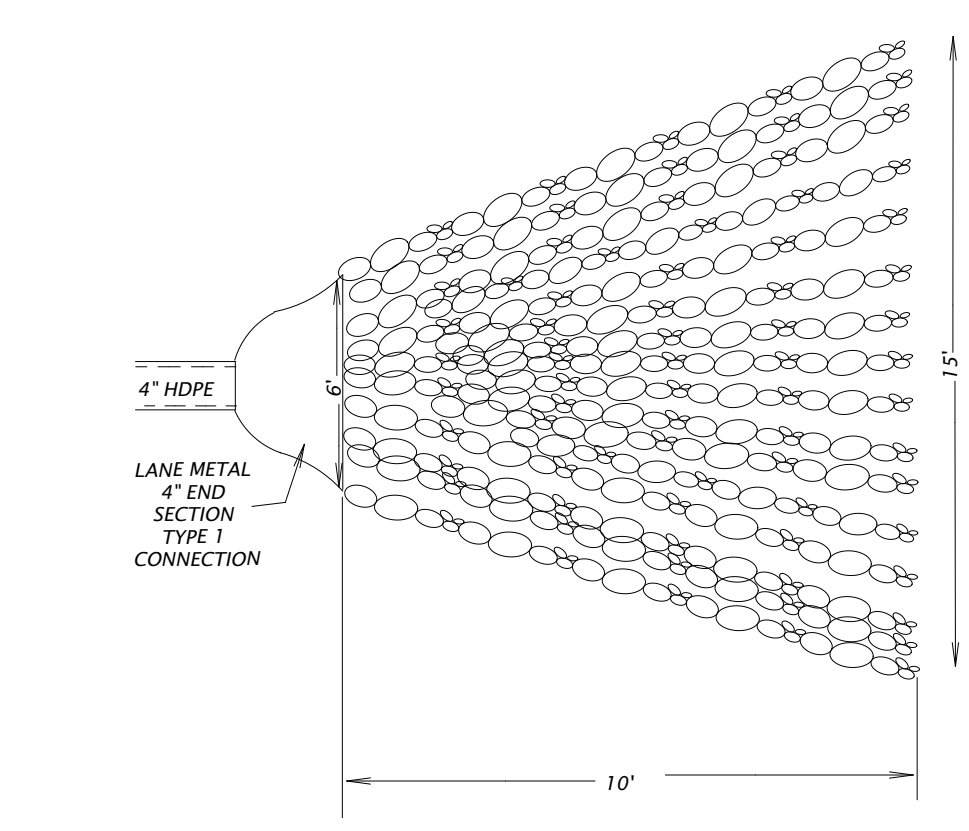
- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE FOR SITE SPECIFIC DRAWINGS WITH DETAILED DIMENSIONS AND WEIGHT. PLEASE CONTACT YOUR CONTECH ENGINEER FOR SITE SPECIFIC DRAWINGS.
- CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF ALL APPLICABLE REGULATIONS.
- CASCADE SEPARATOR STRUCTURE SHALL MEET ASHTO HEAVY LOAD RATING, ASSUMING EARTH COVER OF 2' ± 8" AND GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INVERT ELEVATION. ENGINEER HAS REVIEWED MEASURES TO AVOID OVERSTRESSING CASTINGS SHALL MEET ASHTO HEAVY LOAD AND BE CAST WITH THE CONTECH LOAD RATING. ALTERNATE UNITS ARE SHOWN IN MILLIMETERS (mm).

INSTALLATION NOTES

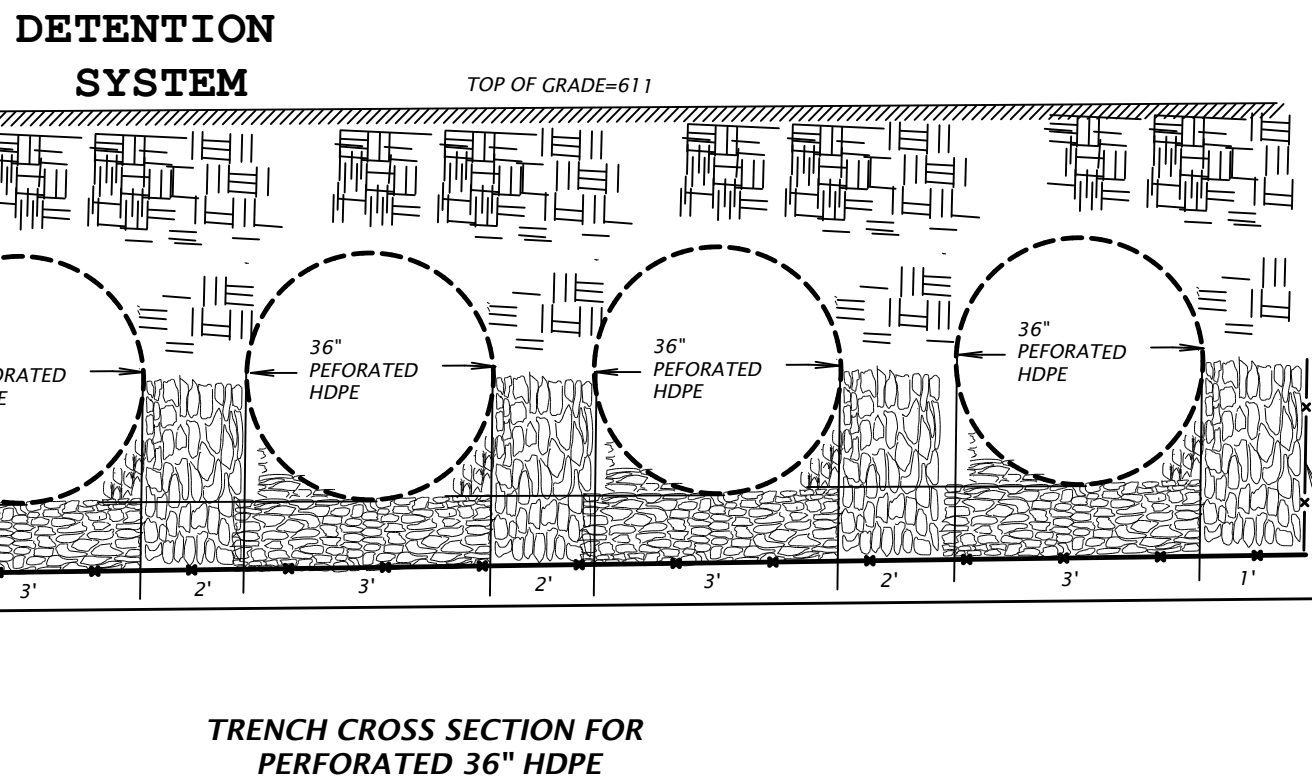
- ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OR RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR MANHOLE STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLY STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE CENTERLINES.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.



NOTE: PROVIDE EXPANSION JOINT AT 20' MAX. NOT TO SCALE

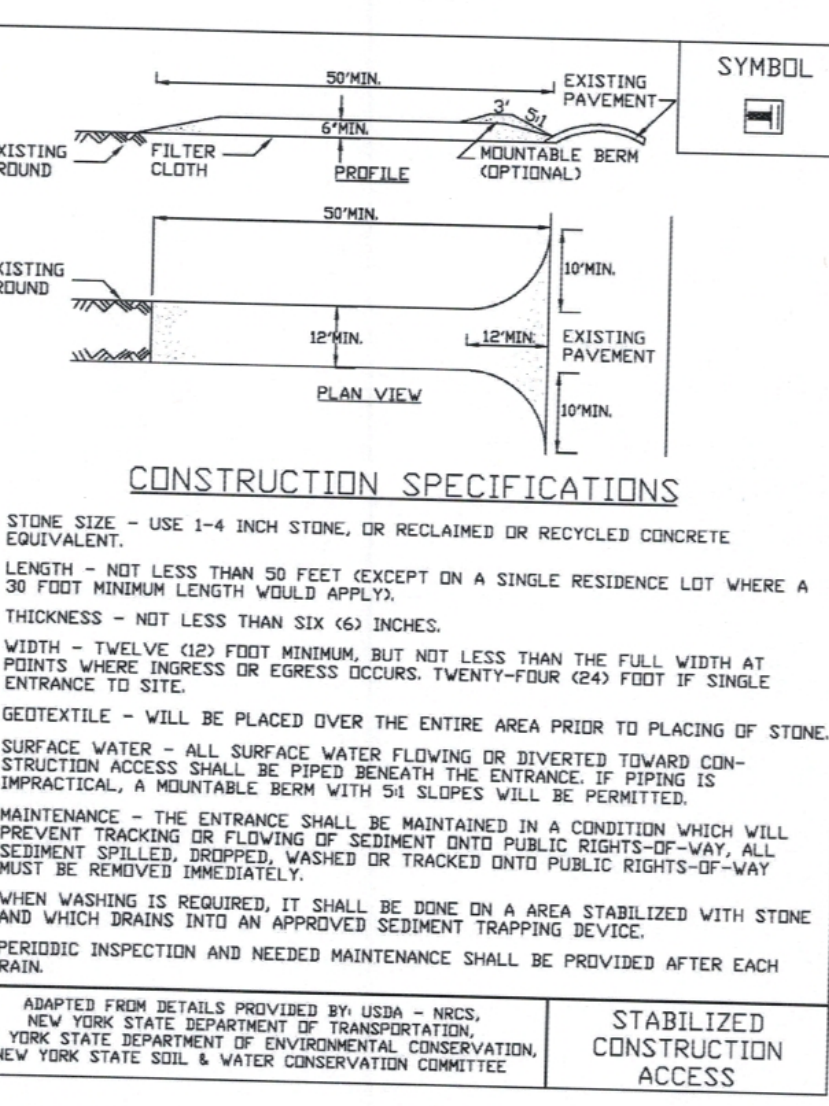


ALL DRAINAGE STRUCTURES TO HAVE THIS BEDDING CONSTRUCTION:
1" THICK 2 1/2" WASH GRAVEL
FIRM UNYIELDING SUBGRADE



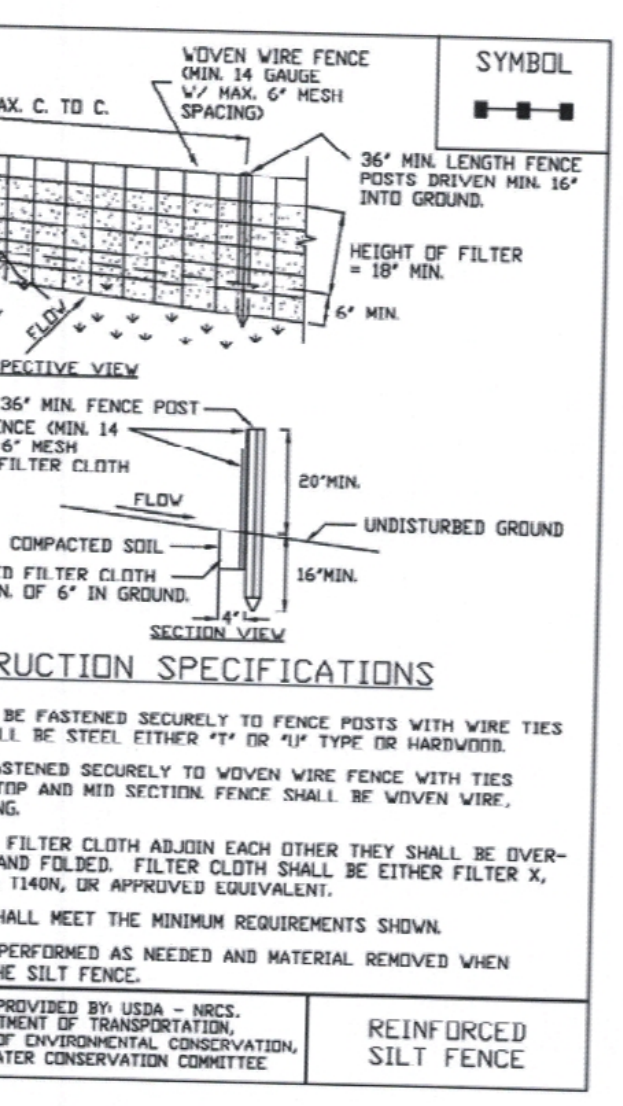
NOT TO SCALE

Figure 2.1 Stabilized Construction Access

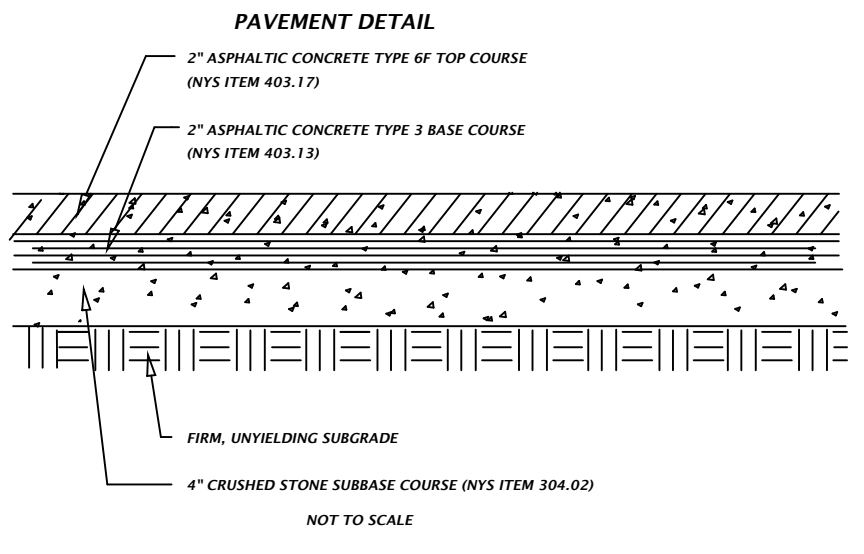


STABILIZED CONSTRUCTION ACCESS

Figure 5.30 Reinforced Silt Fence



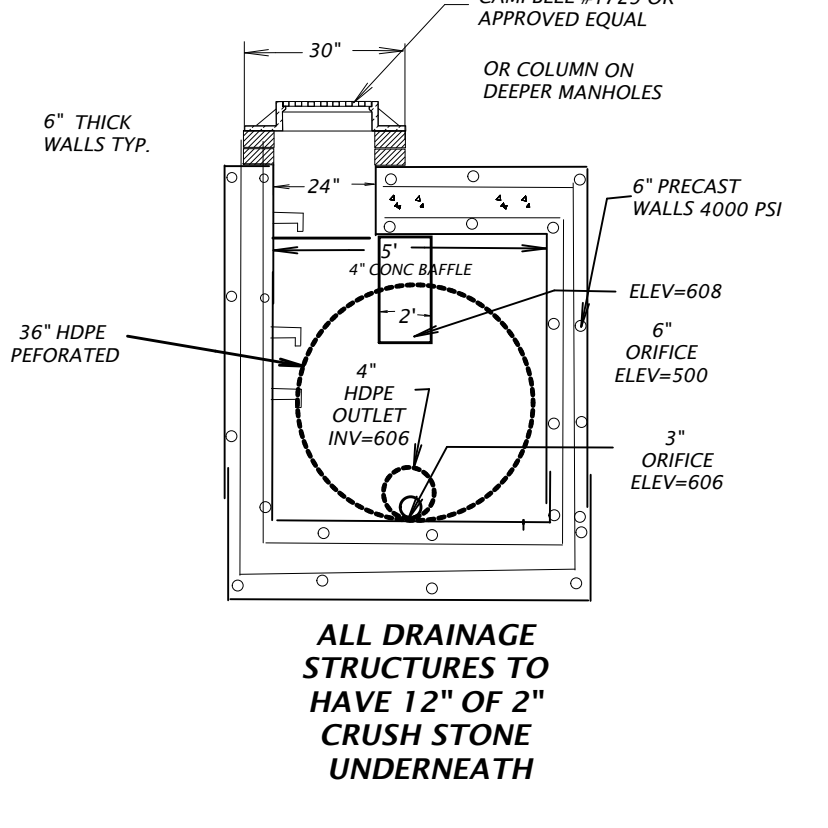
REINFORCED SILT FENCE



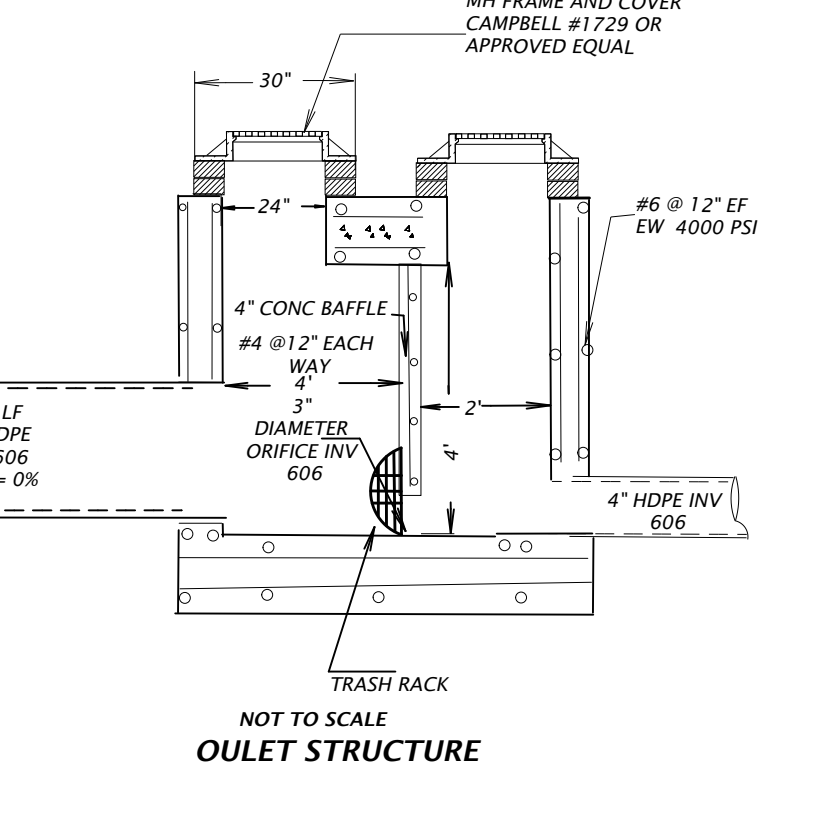
NOT TO SCALE

STANDARD EROSION CONTROL NOTES

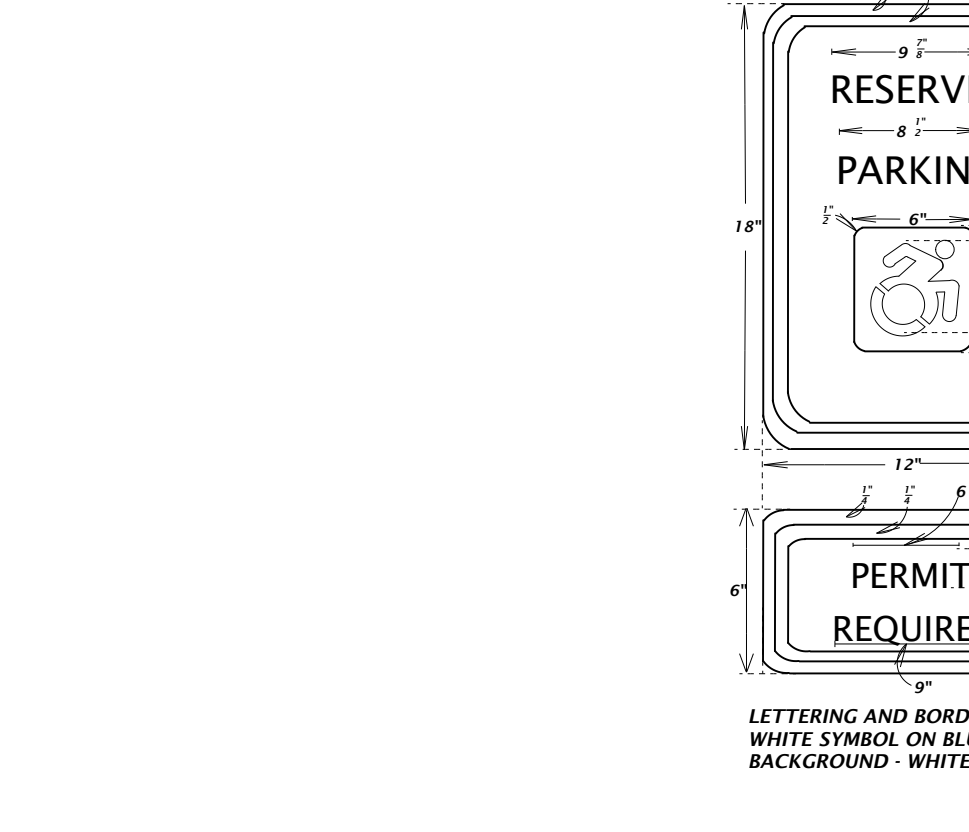
- AN EROSION CONTROL SYSTEM WILL BE UTILIZED BY THE DEVELOPER TO MINIMIZE THE PRODUCTION OF SEDIMENT FROM THE SITE. METHODS TO BE UTILIZED WILL BE THOSE FOUND MOST EFFECTIVE FOR THE SITE AND SHALL INCLUDE ONE OR MORE OF THE FOLLOWING, AS APPLICABLE.
 - TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED UTILIZING EARTHEN BERMS, RIP-RAP OR CRUSHED STONE DAMS, HAY BALES, OR OTHER SUITABLE MATERIALS. DIVERSION SWALES, BERMS OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTED SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
 - ALL DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN UNFINISHED FOR MORE THAN 30 DAYS SHALL BE TEMPORARILY SEEDING WITH 1/2 LB. OF RYE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR HAY PER 1,000 SQUARE FEET. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS PRACTICABLE BY THE INSTALLATION OF THE BASE COURSE.
 - SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY THE APPROPRIATE MUNICIPAL AUTHORITIES.
 - AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY SILTATION DEVICES MUST BE REMOVED.



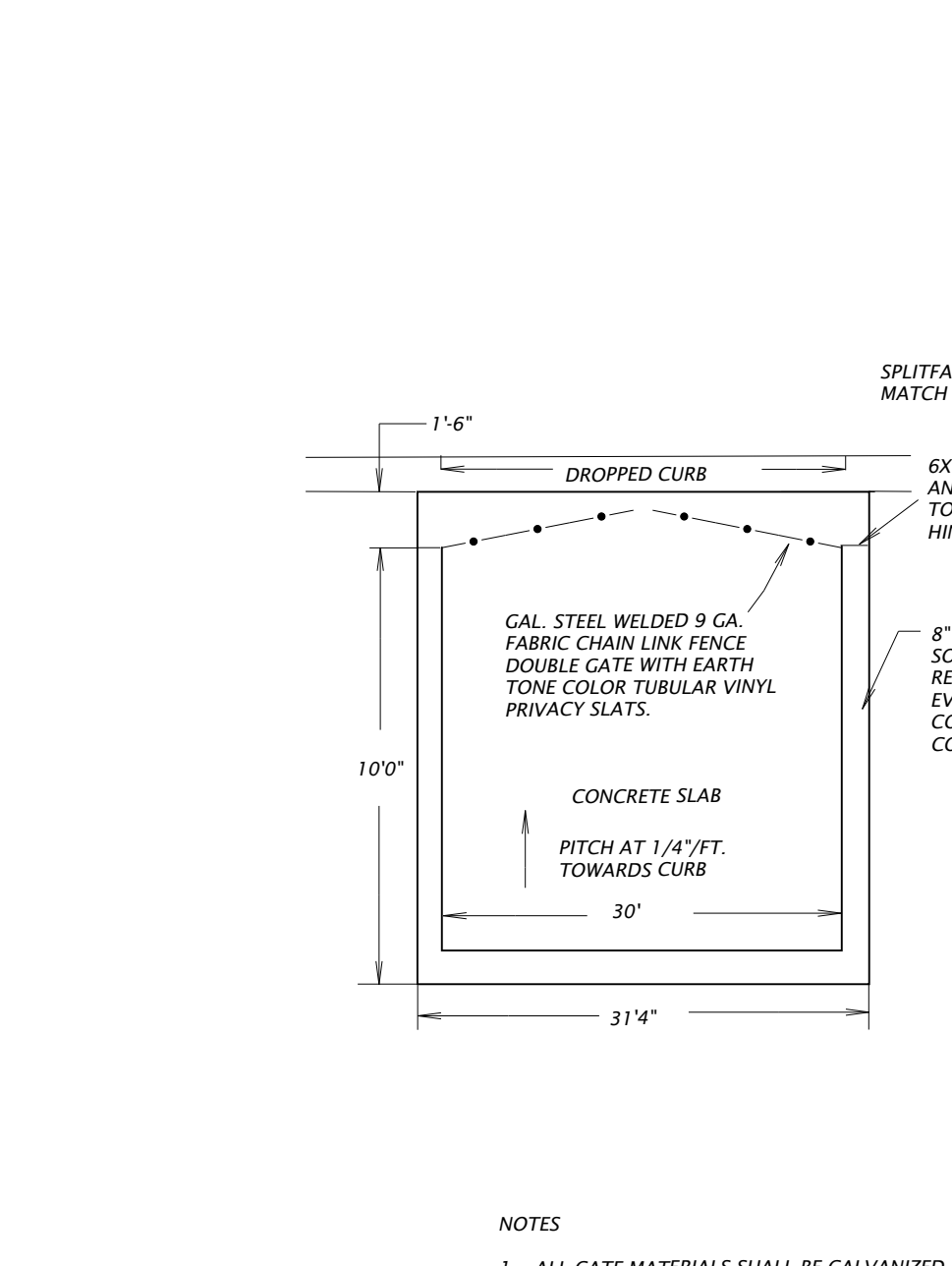
ALL DRAINAGE STRUCTURES TO HAVE 12" OF 2" CRUSH STONE UNDERNEATH



NOT TO SCALE



LETTERING AND BORDER: GREEN
WHITE SYMBOL ON BLUE BACKGROUND
BACKGROUND: WHITE

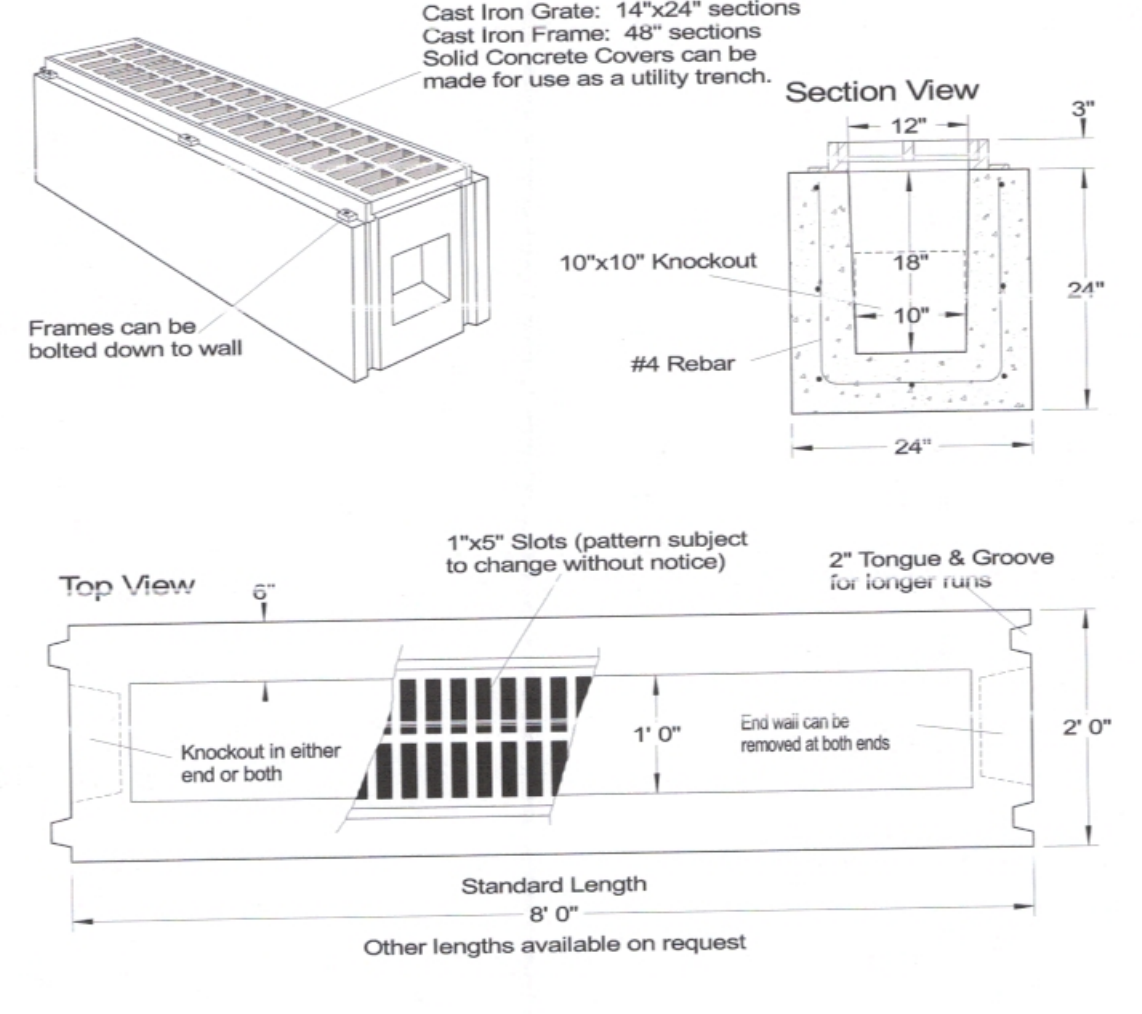


NOTES

- ALL GATE MATERIALS SHALL BE GALVANIZED STEEL.
- CONCRETE BLOCK SHALL BE TYPED AND COLORED TO MATCH BUILDING.
- SIZE MAY BE VARIED TO SUIT SIZE OF DUMPSTER.
- 2" RIBBED ASBESTOS CEMENT BOARD TO PREVENT CHIPPING OUT OF EXTERIOR WALL.

GARbage DUMPSTER DETAIL

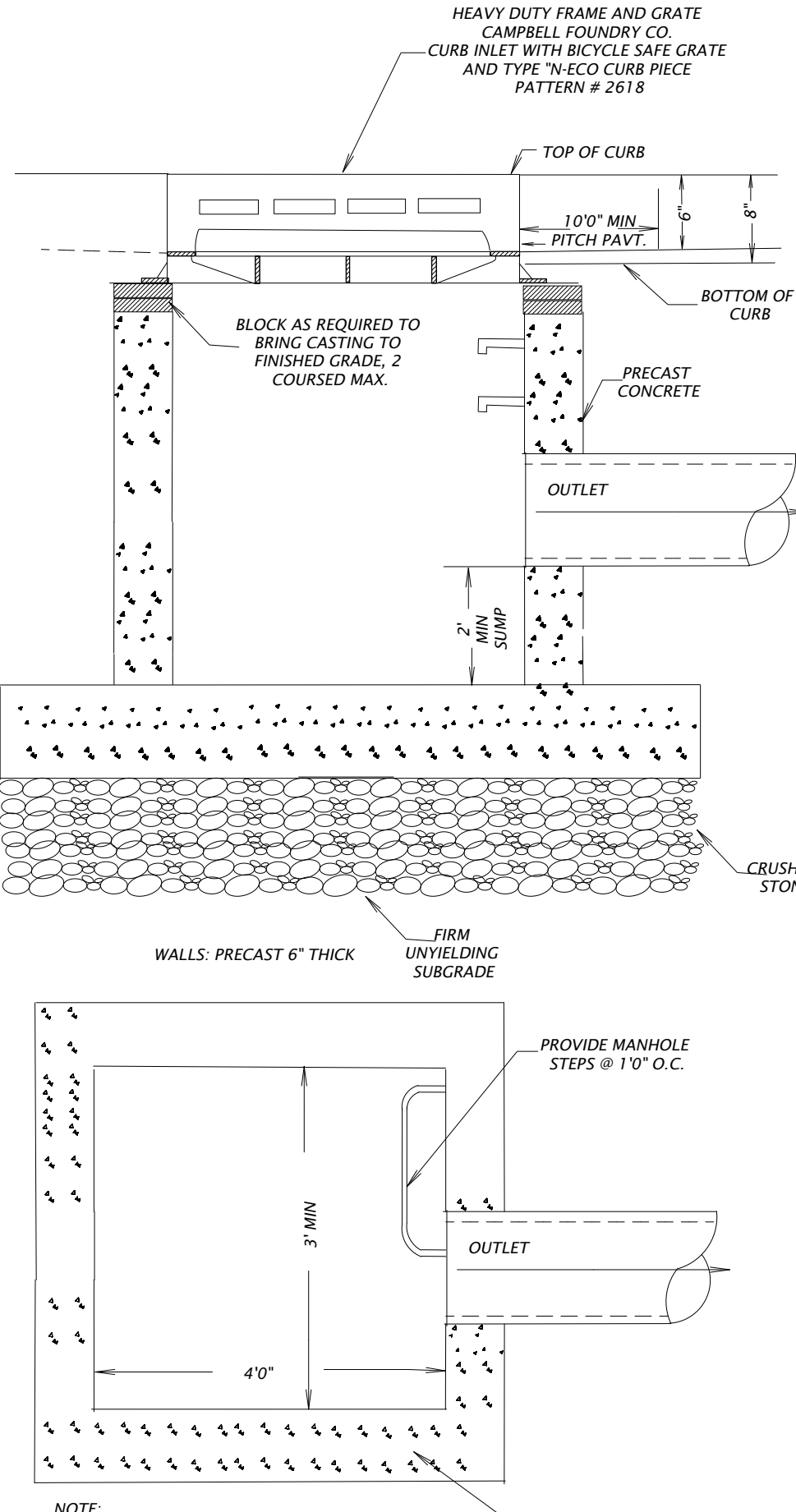
N.T.S.



SPECIFICATIONS

Concrete Min. Strength: 4,000 psi at 28 days
Reinforcement: #4 Rebar / ASTM A615
Air Entrainment: 5%
Weight = 3,000 lbs
Load Rating: H20 / ASTM C857

Woodward's Concrete Products, Inc.
600 Leland Road, Basking Ridge, NJ 07005
(848) 361-3471 / Fax 361-1000
Page 31 12/31/09



NOT TO SCALE

PRECAST CATCH BASIN DETAILS

NOT TO SCALE

TOWN MAP DESIGNATION: 41.20-2-41

DETAIL SHEET FOR

BAS MALKA AND HASC

TOWN OF RAMAPO, ROCKLAND COUNTY
JUNE 18, 2019 NEW YORK

VILLAGE OF NEW HEMPSTEAD, SCALE: 1" = 30'

ANTHONY R. CELENTANO P.E.

31 ROSMAN ROAD
THEBELLS, N.Y. 10984
845 429 5290 FAX 429 5974

11/27/2020 REVISIONS PER COMMENTS DATED 8/27/2019

11/27/2020 DATE DESCRIPTION

SHEET 3 OF 3

