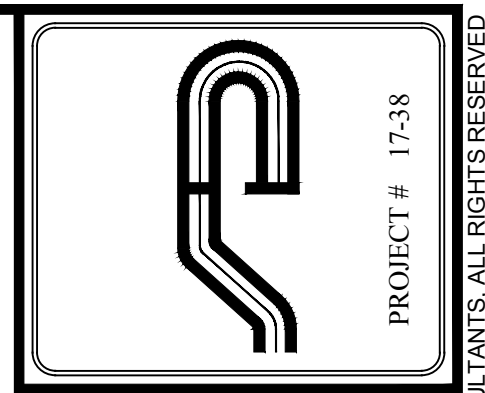


LEGEND

- EXISTING GRADING
- EXISTING SPOT GRADE
- PROPERTY LINE / RIGHT OF WAY
- EDGE OF WETLAND
- 100' WETLAND BUFFER
- EXISTING WATER LINE
- EXISTING DRAINAGE INLET
- EXISTING SANITARY LINE



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Revisions:

No.	Date	Comments
1	11/8/17	ADD DETAILS
2	1/22/18	ALT PLAN
3	2/14/18	LEGEND ADDED
4	2/14/18	DEP COMMENTS
5	9/25/18	DEP COMMENTS
6	12/5/18	Town Comments
7	1/9/19	Town Comments

SCALE:	1" = 40'
DRAWN BY:	MD
DATE:	10-16-17

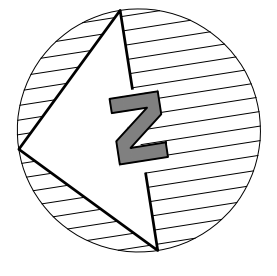
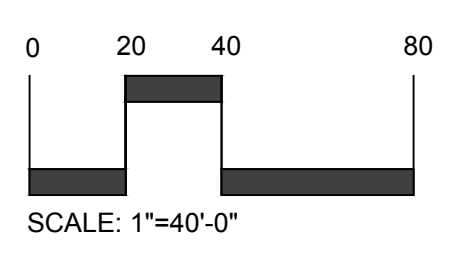
EXISTING CONDITIONS PLAN

SITE PLAN PREPARED FOR
ENVIROGREEN ASSOCIATES
 2040 GREENWOOD ST.
 Westchester County, NY

E:\2017\12-38-CIERANI-2040_GREENWOOD_STREET\ENGINERING\CAD\17-38_SITE_PLAN_1-8-18.DWG, 11/26/2017 3:19:42 PM

NOTE:
 THIS IS NOT A SURVEY. ALL SURVEY INFORMATION SHOWN ON THIS PLAN HAS BEEN TAKEN FROM SURVEY MAP PREPARED BY LINK LAND SURVEYORS, P.C., DATED SEPT. 2016. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

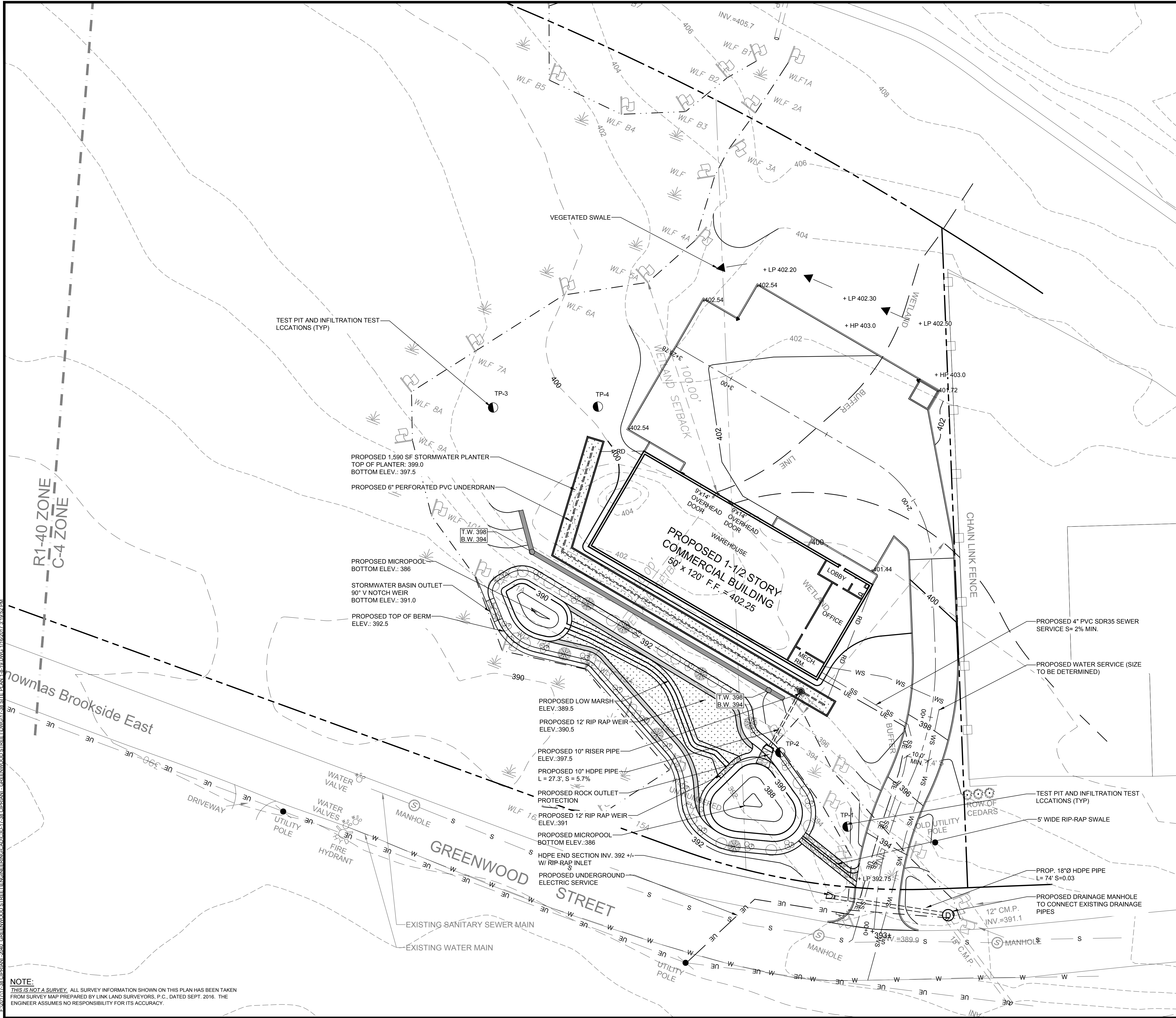
NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.



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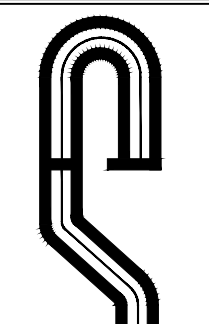
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 NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

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LEGEND


- 222 --- EXISTING GRADING
- x 222.8 --- EXISTING SPOT GRADE
- 200 --- PROPOSED GRADING
- --- PROPERTY LINE / RIGHT OF WAY
- --- PROPOSED CURB
- --- EDGE OF WETLAND
- --- 100' WETLAND BUFFER
- W --- EXISTING WATER LINE
- --- EXISTING DRAINAGE INLET
- S --- EXISTING SANITARY LINE
- --- PROPOSED DRAINAGE LINE
- ⊙ --- PROPOSED DRAINAGE MANHOLE
- SS --- PROPOSED SEWER SERVICE CONNECTION
- WS --- PROPOSED WATER SERVICE CONNECTION
- UE --- PROPOSED UNDERGROUND ELECTRIC SERVICE
- --- PROPOSED STRUCTURE AND DRIVE

0 10 20 40
 SCALE: 1"=20'-0"
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Engineer: Joseph C. Kimia, P.E.
 NYS Lic. No. 64431

Revisions:	No.	Date	Comments
	1	11/8/17	ADD DETAILS
	2	1/22/18	ALT PLAN
	3	2/14/18	REVISION ADDED
	4	2/14/18	REVISION ADDED
	5	9/25/18	Town Comments
	6	12/5/18	Town Comments
	7	1/9/19	Town Comments

SCALE: 1" = 20'

DRAWN BY: MD

DATE: 10-16-17

IMPROVEMENT PLAN

SITE PLAN PREPARED FOR
ENVIROGREEN ASSOCIATES

2040 GREENWOOD ST.
 Westchester County, NY
 Town Of Yorktown

Sheet 4 of 11

E:\2017\12-28-CIERIANI_2040_GREENWOOD_STREET\ENGR\DWG\12-28-CIERIANI_GREENWOOD_STREET\DWG\12-28-CIERIANI_GREENWOOD_STREET_11.16.2017.3.19.62.RVT

NOTE:
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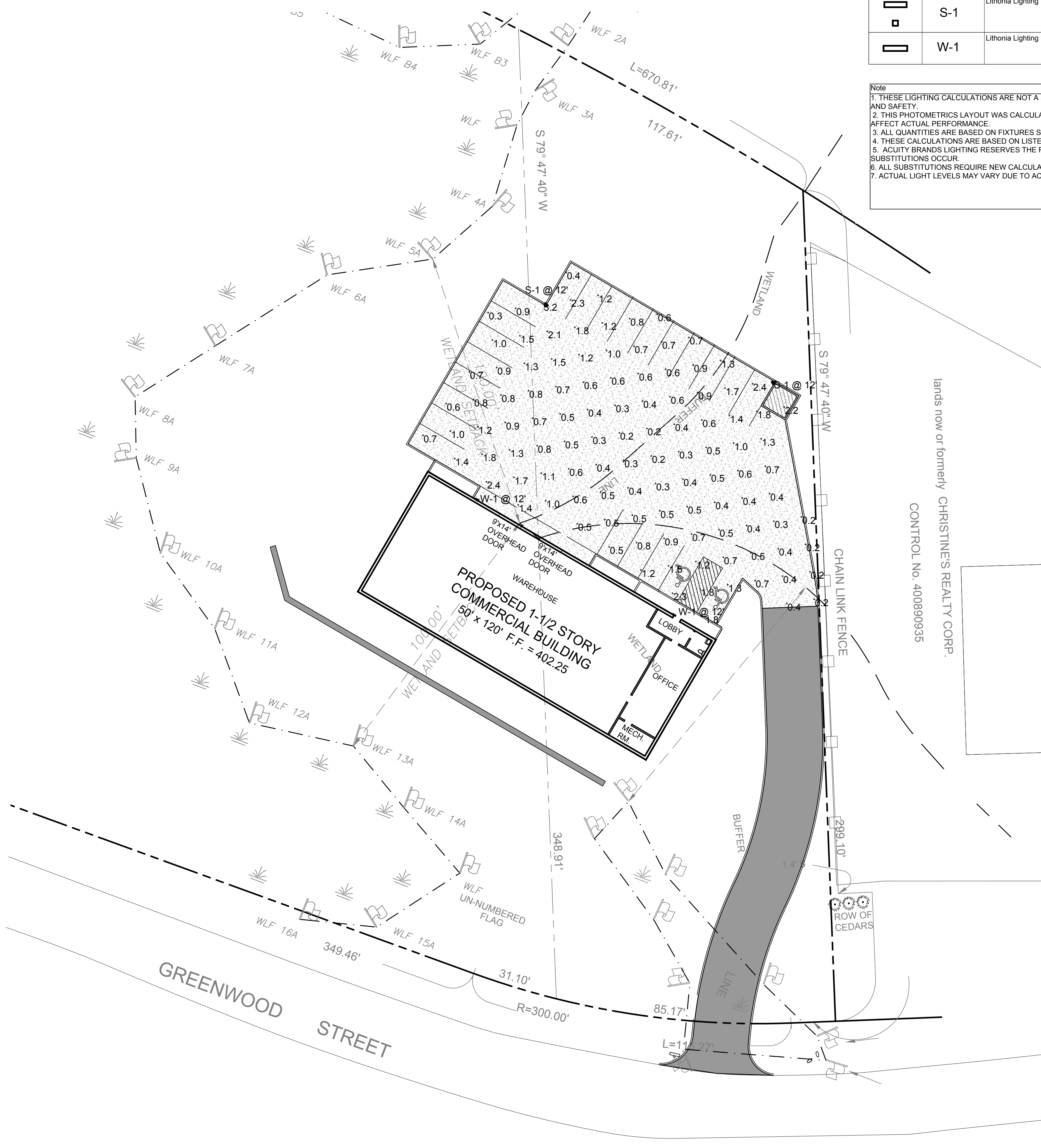
NOTE: UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209 (2) OF THE NEW YORK STATE EDUCATION LAW.

Symbol	Label	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	S-1	Lithonia Lighting	DSXWPM LED 20C 530 40K T4M MVOLT	DSXWPM LED WITH (2) 10 LED LIGHT ENGINES, TYPE T4M OPTIC, 4000K, @ 530mA.	LED	1	DSXWPM_LED_20C_530_40K_T4M_MV_OLT.ies	4201	0.9	34.9
	W-1	Lithonia Lighting	DSXW1 LED 20C 530 40K T4M MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T4M OPTIC, 4000K, @ 530mA.	LED	1	DSXW1_LED_20C_530_40K_T4M_MV_OLT.ies	4201	0.9	34.9

Note

1. THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SUITABILITY AND SAFETY.
2. THIS PHOTOMETRICS LAYOUT WAS CALCULATED USING SPECIFIC CRITERIA. ANY DEVIATION FROM STATED PARAMETERS WILL AFFECT ACTUAL PERFORMANCE.
3. ALL QUANTITIES ARE BASED ON FIXTURES SHOWN IN THE LIGHTING CALCULATIONS ONLY.
4. THESE CALCULATIONS ARE BASED ON LISTED FIXTURES ONLY. SUBSTITUTION OF THESE FIXTURES VOID ALL CALCULATIONS.
5. ACUTY BRANDS LIGHTING RESERVES THE RIGHT TO WITHDRAW THESE COPYRIGHTED LIGHTING PLANS FROM PUBLIC RECORD IF SUBSTITUTIONS OCCUR.
6. ALL SUBSTITUTIONS REQUIRE NEW CALCULATIONS BASED ON THE FIXTURES SUPPLIED.
7. ACTUAL LIGHT LEVELS MAY VARY DUE TO ACTUAL FIXTURE LOCATIONS AND FIELD CONDITIONS.

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Parking Area	+	0.9 fc	3.2 fc	0.2 fc	16.0:1	4.5:1



LEGEND

- EXISTING GRADING
- EXISTING SPOT GRADE
- PROPOSED GRADING
- PROPERTY LINE / RIGHT OF WAY
- PROPOSED CURB
- EDGE OF WETLAND
- 100' WETLAND BUFFER
- EXISTING WATER LINE
- EXISTING DRAINAGE INLET
- EXISTING SANITARY LINE
- PROPOSED DRAINAGE LINE
- PROPOSED DRAINAGE MANHOLE
- PROPOSED SEWER SERVICE CONNECTION
- PROPOSED WATER SERVICE CONNECTION
- PROPOSED UNDERGROUND ELECTRIC SERVICE
- PROPOSED STRUCTURE AND DRIVE

SCALE: 1"=20'-0"

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	6	12/5/18	Town Comments
	7	1/9/19	Town Comments

SCALE: 1" = 20'

DRAWN BY: MD

DATE: 10-16-17

SITE PLAN

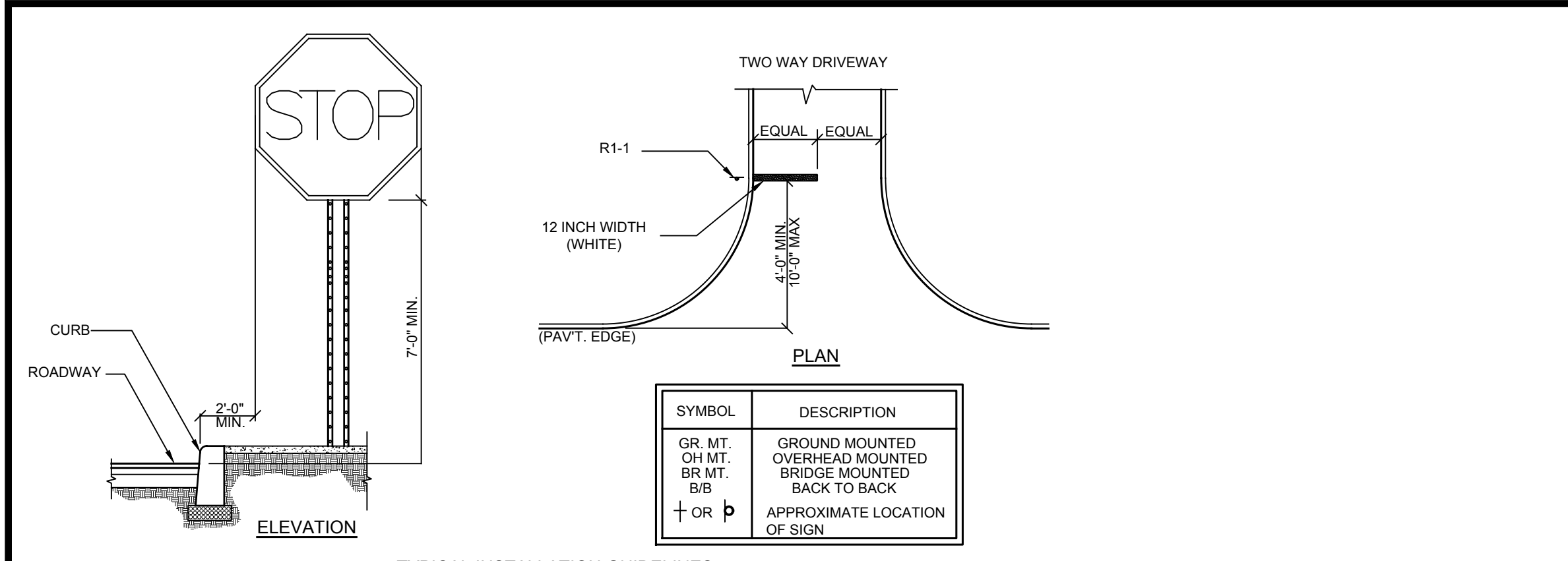
SITE PLAN PREPARED FOR

ENVIROGREEN ASSOCIATES

2040 GREENWOOD ST.
Westchester County, NY
Town Of Yorktown

Sheet 5 of 11

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TYPICAL INSTALLATION GUIDELINES

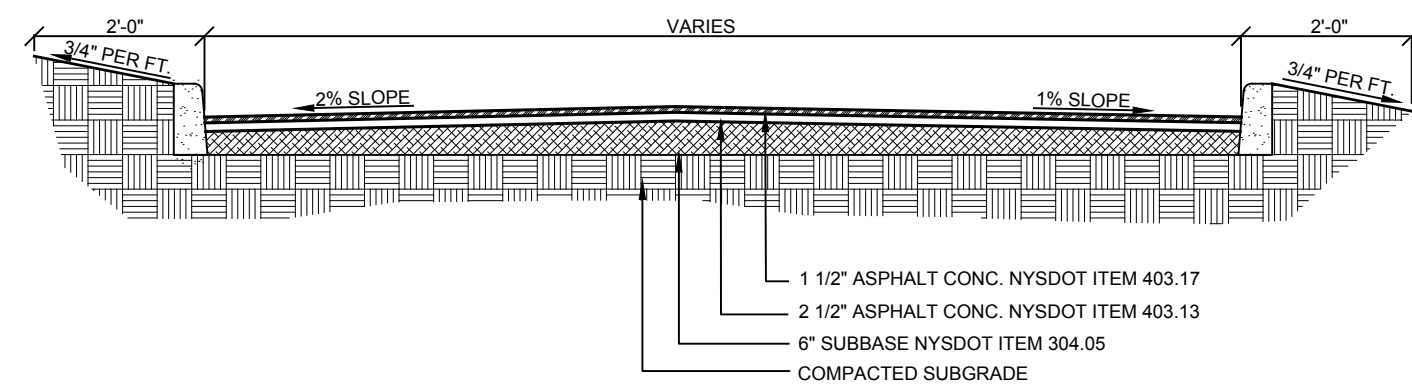
SIGN	M.U.T.C.D. NUMBER	SIZE OF SIGN	TYPE OF MOUNT
	R1-1	18" X 18"	GR. MT.
	R7-8	12" X 18"	GR. MT.

GENERAL NOTES:

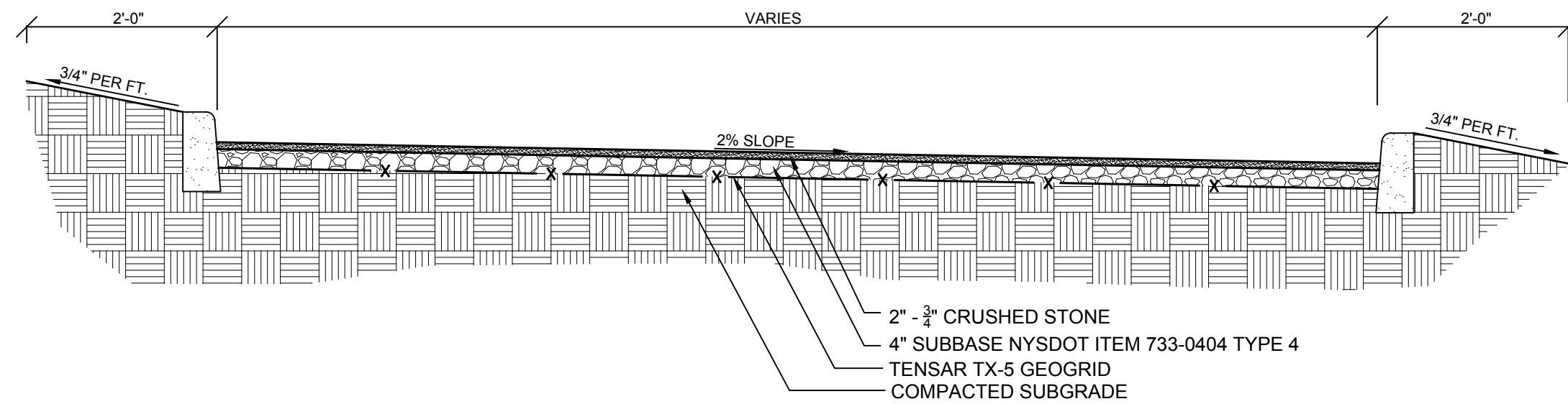
- All signage shall be in accordance with the latest edition of the national MUTCD and the N.Y.S Supplement (MUTCD), September 2007, including the following:
 - Letter size and series
 - Legend and background color
 - Reflectivity
 - Size of sign
- The type of characters as specified in the standard specifications shall be as follows:

MUTCD CODE LETTER	TYPE OF CHARACTER
G.I.	TYPE IV OR V
R.P.W.M.	TYPE IV OR V
- Sign locations as shown on plans are approximate. The Contractor shall relocate existing signs and install new signs in accordance with the MUTCD, latest edition. The Contractor shall contact the Town Engineer to discuss any problem areas.
- Except where otherwise specified, parking signs shall be placed facing approaching traffic at an angle of between 30 and 45 degrees with the line of traffic flow. Parking signs shall be placed at each end of a regulation (single-headed arrows) and, within the regulation (double-headed arrows), at intervals not to exceed 200 ft.
- Where new signs are installed the Contractor shall affix a label to the back of the sign panel. This label will show the date of installation and identification numbers.
- Placement of W3-17 sign is prescribed in the General Municipal Law.

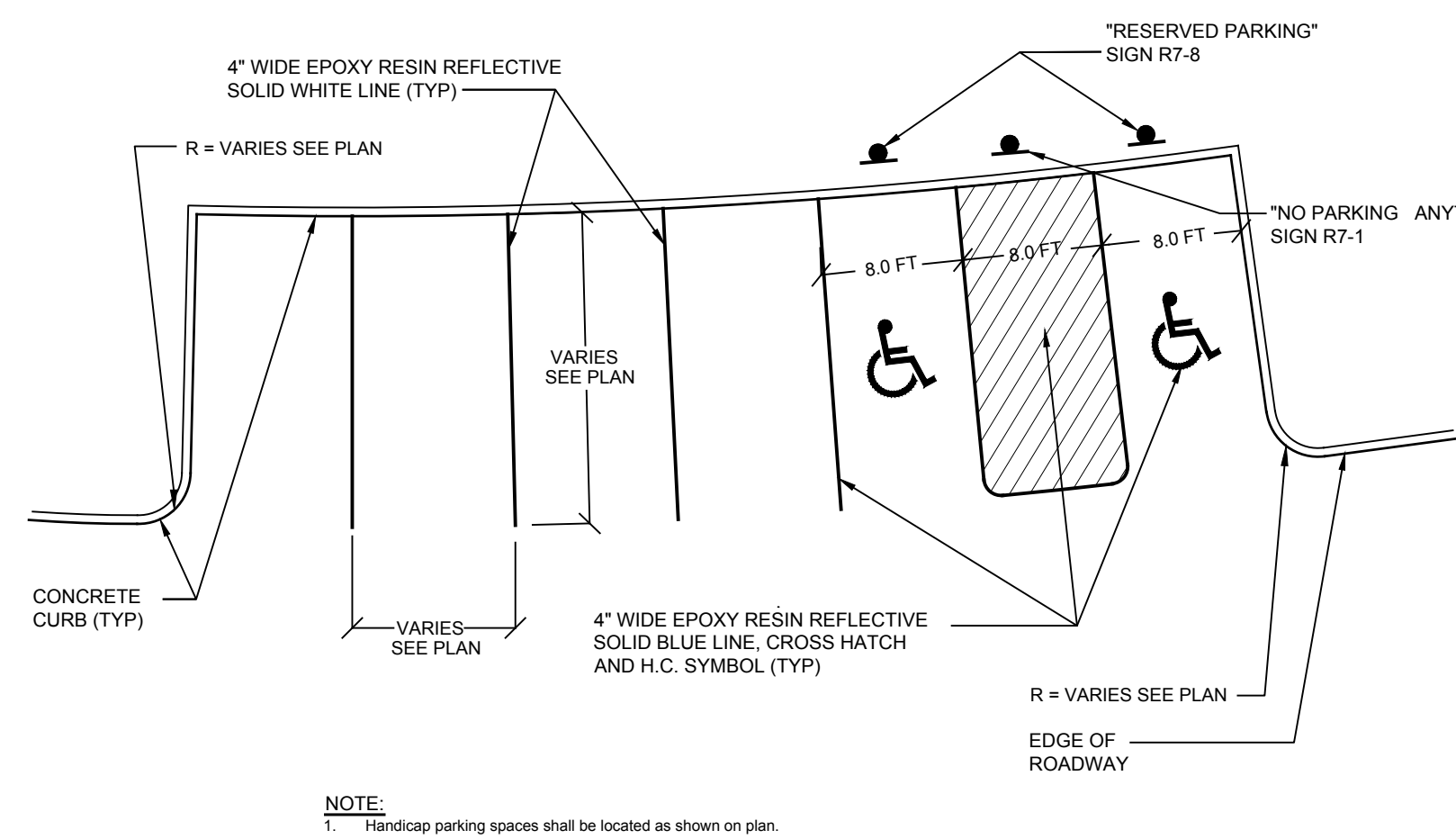
R-1 TRAFFIC SIGN DETAIL NOT TO SCALE



R-2 TYPICAL DRIVEWAY SECTION NOT TO SCALE

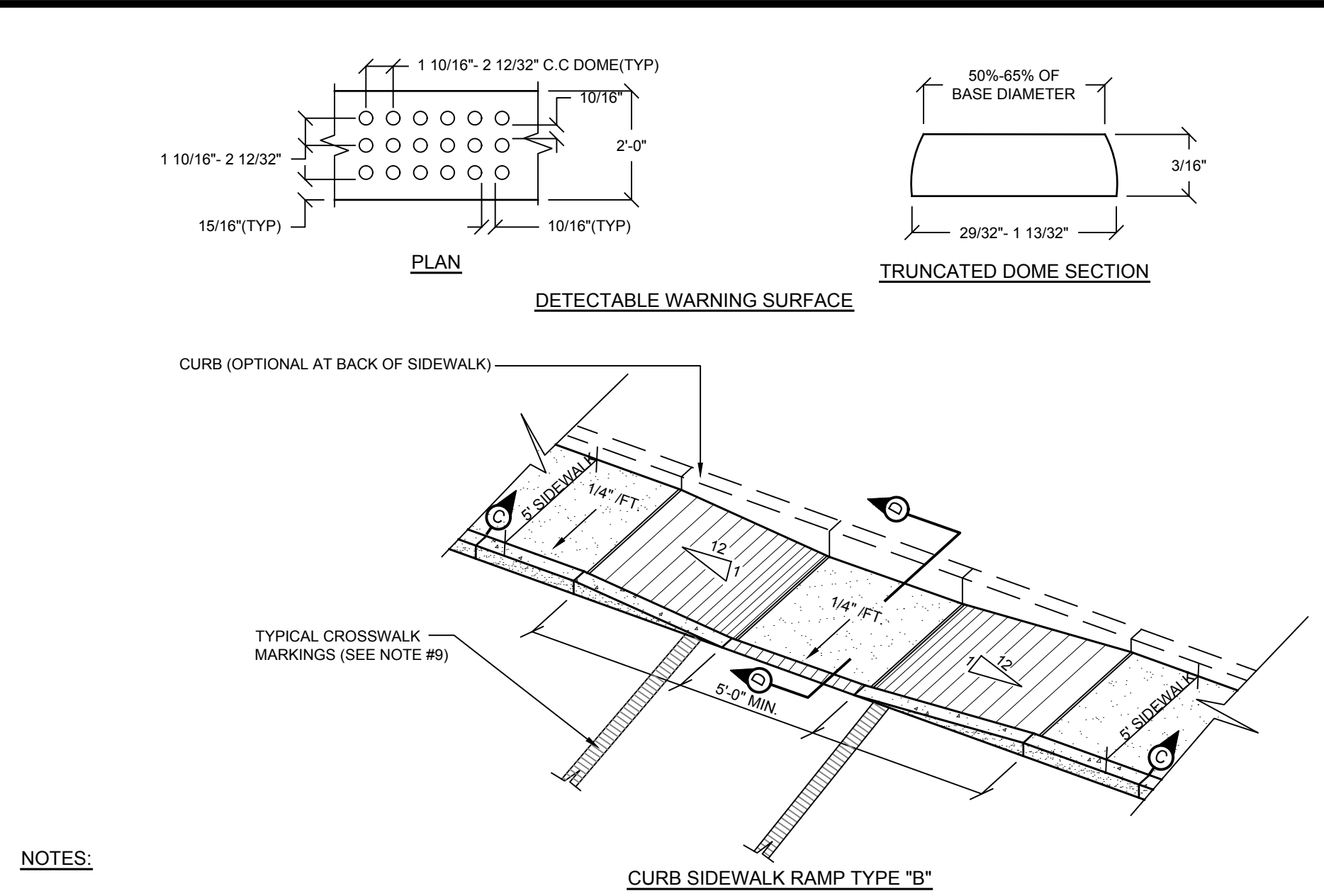


R-3 TYPICAL PARKING LOT SECTION NOT TO SCALE



NOTE:
1. Handicap parking spaces shall be located as shown on plan.

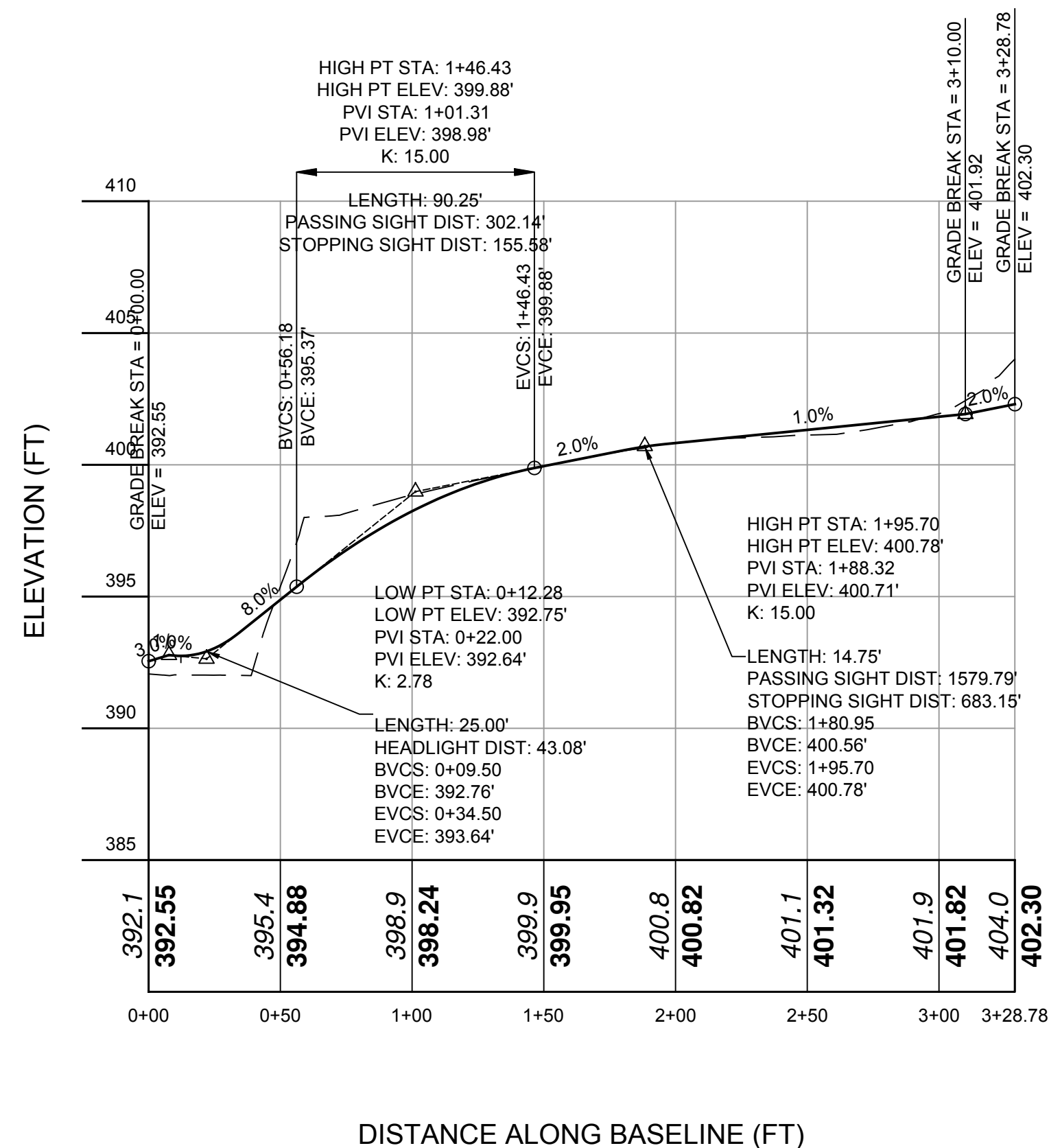
R-4 TYPICAL PARKING STALL LAYOUT NOT TO SCALE



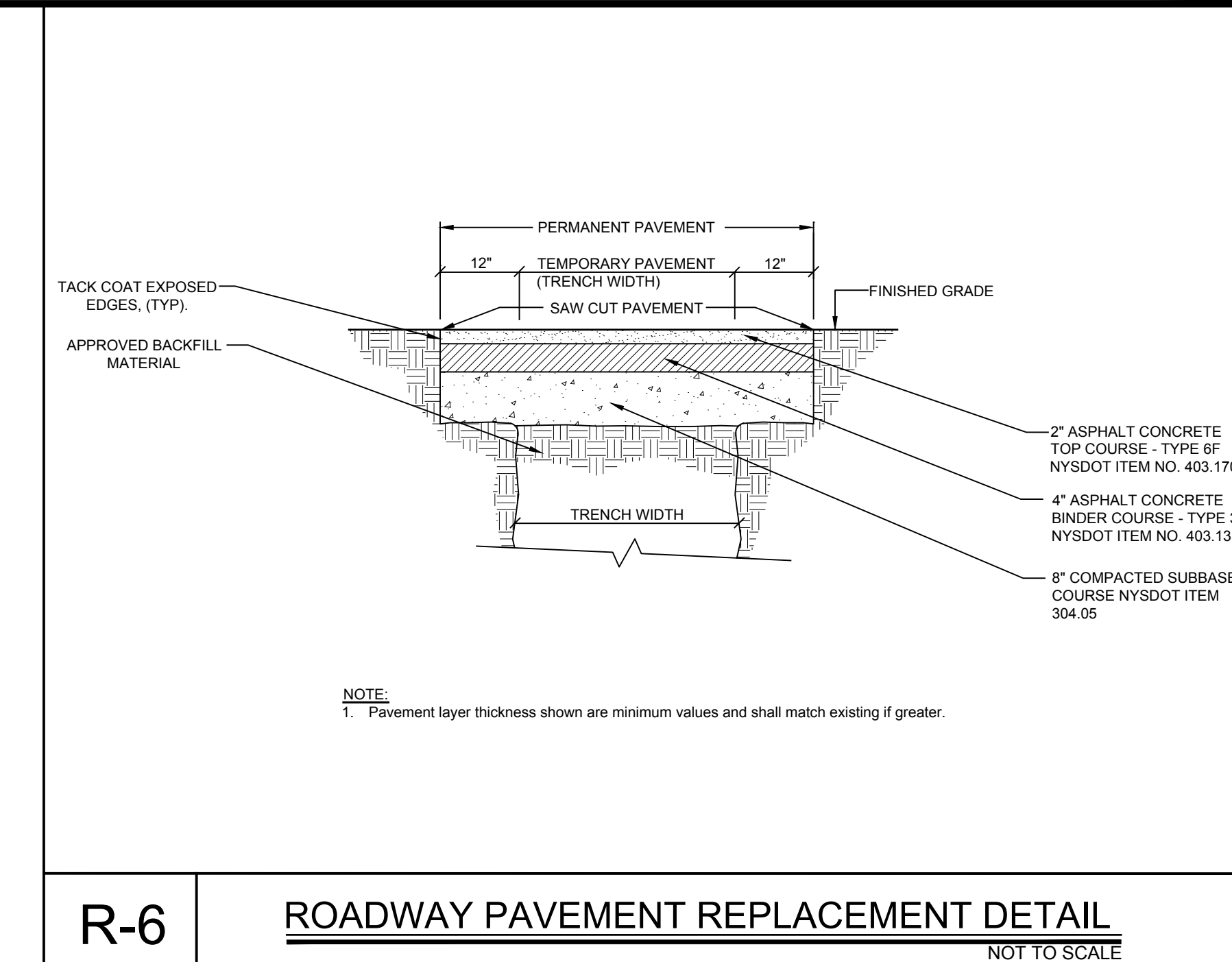
NOTES:

- GENERAL:**
- Sidewalk curb ramp type and location are as shown on the plans or as directed.
 - All sidewalk curb ramp types may be used as straight or curved curb sections.
 - Sidewalk curb ramp types may be different at each location within an intersection.
- SIDEWALK CURB RAMP CRITERIA:**
- The maximum slope of a sidewalk curb ramp shall be 1:12.
 - The maximum width of a sidewalk curb ramp shall be five feet. Exclusive of flared sides.
 - All sidewalk curb ramps shall have flush, smooth transitions to the adjacent street or highway surface.
- SURFACE FINISH:**
- The surface of all sidewalk curb ramps shall be stable, firm, and slip resistant (E.G. A coarse broom finish perpendicular to the ramp slope is acceptable on cement concrete curb ramps.)
 - All proposed sidewalk curb ramps shall have a detectable warning surface installed from the back of the curb for a distance of 2 feet in the direction of travel on the ramp and extending the full width of the ramp, excluding the ramp sides or flares. The detectable warning surface shall comply with the requirements of section 4.29.2 of the Americans with Disabilities Act accessibility guidelines (ADAAG).
- SIDEWALK CURB RAMP PLACEMENT:**
- At a corner, where the curb radius is 25-feet or less, a single ramp (either type a or b) located diagonally can often serve crosswalks in two directions. However, a single ramp shall only be used where there is a minimum clear space of 48" falling entirely within the projection of the intersection curbs (see figure 1). Where the radius exceeds 25' or the minimum 48" clear space is not achievable, then separate ramps should be provided for each crosswalk.
 - Sidewalk curb ramps at marked crossings shall be wholly contained within the markings excluding any flared sides.
 - At a corner where a single ramp (either type a or b) located diagonally serves two crosswalks, this shall be a 48" minimum clear space at the ramp bottom wholly contained within the intersection crosswalk markings (see figure 1).
- UTILITIES - DRAINAGE INLETS OR GRATES:**
- Where stop lines are necessary, they shall be located in advance of sidewalk curb ramps.
 - Where feasible, provide for drainage inlets or grates immediately upstream from the curb ramps. Reticule or rectangular drainage grates are to be used in the area of curb ramps.
 - Do not place signal poles, sign posts, utility poles, fire hydrants, etc., within the ramp or side flare areas.

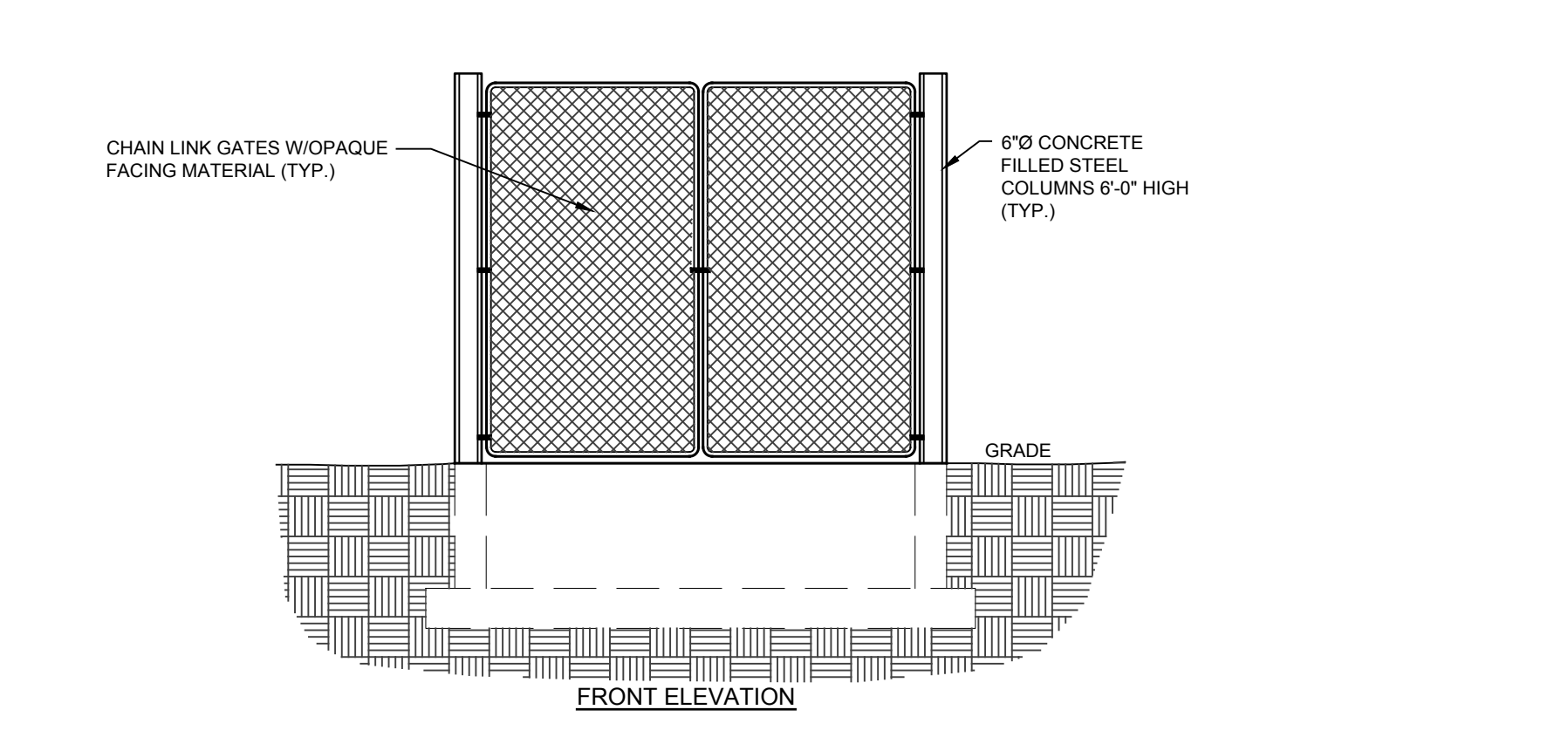
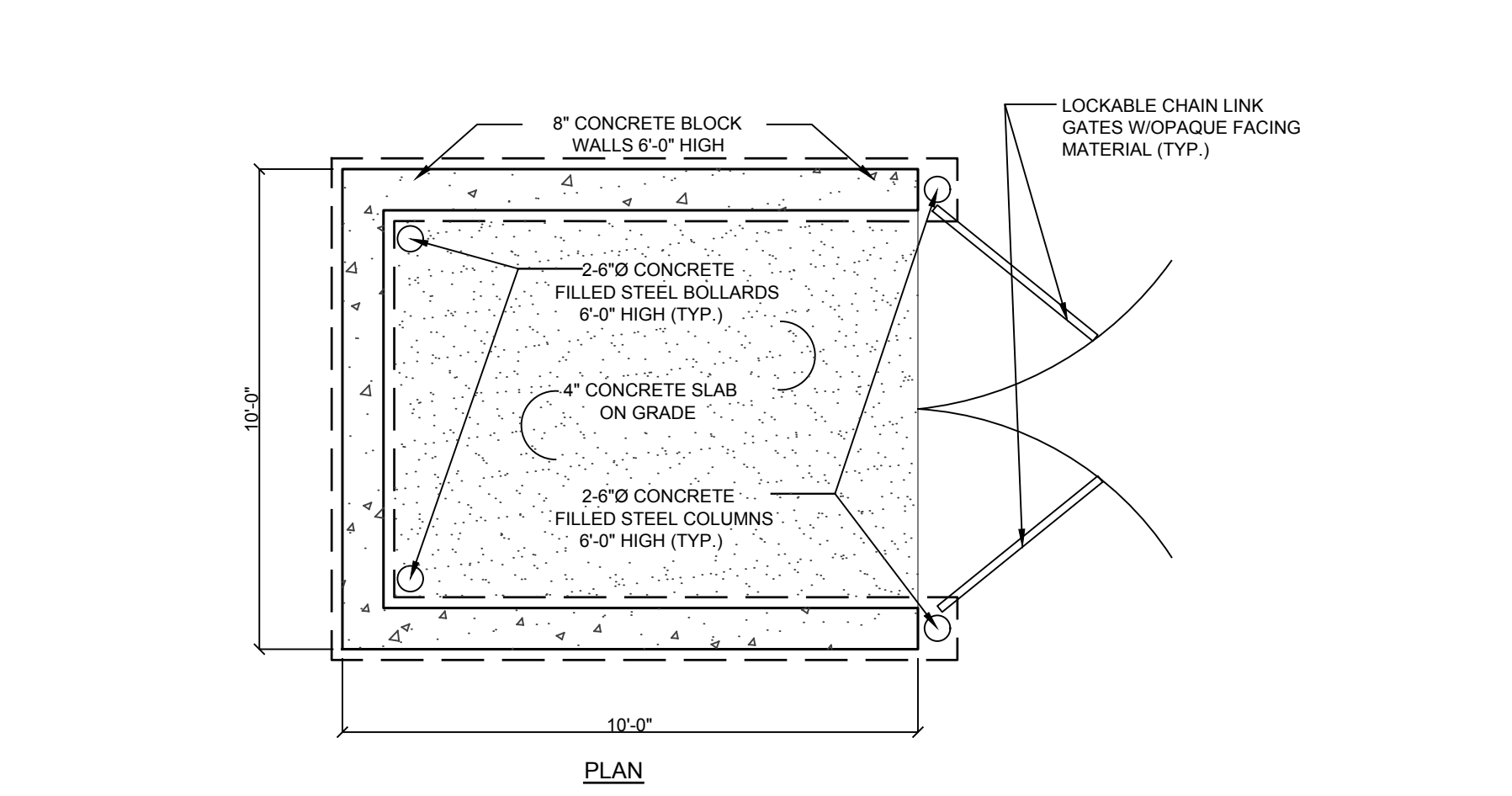
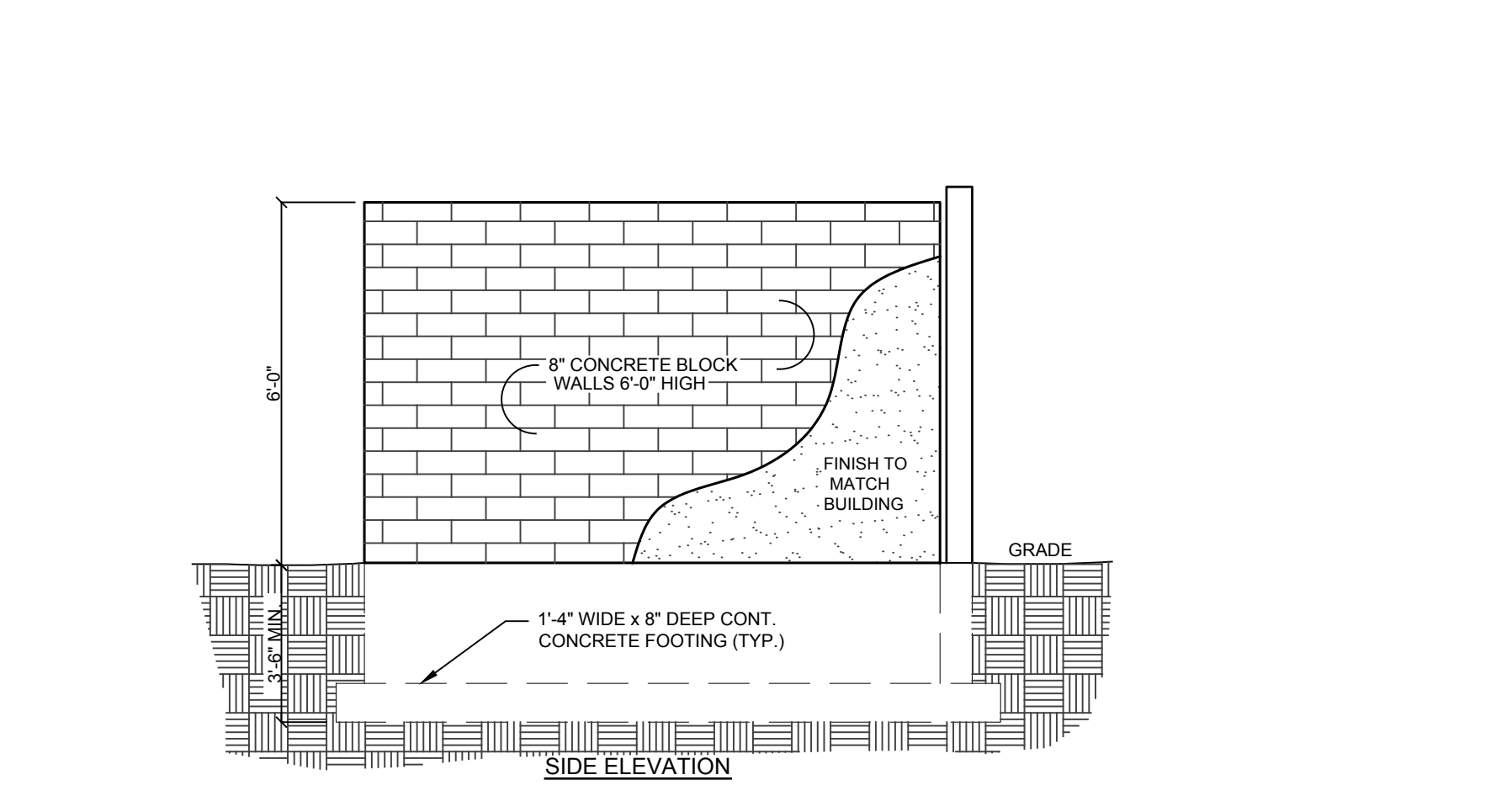
R-5 SIDEWALK CURB-RAMP DETAIL NOT TO SCALE



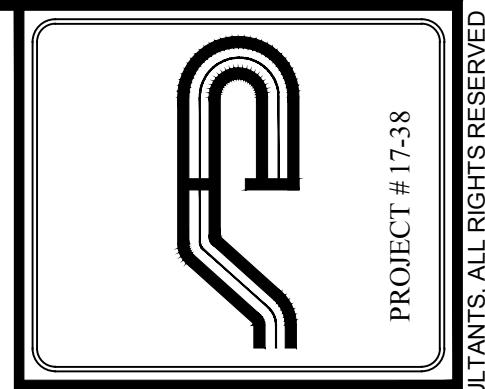
Driveway
VERT. SCALE: 1" = 2'
HORIZ. SCALE: 1" = 20'



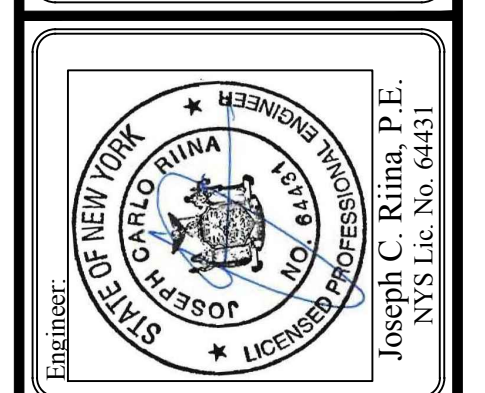
R-6 ROADWAY PAVEMENT REPLACEMENT DETAIL NOT TO SCALE



F-1 TRASH ENCLOSURE NOT TO SCALE



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	3	2/14/18	LEGEND ADDED
	4	9/25/18	DEP Comments
	5	12/5/18	Lower Comments
	6	1/9/19	Lower Comments
	7		

SCALE: NTS
DRAWN BY: DR
DATE: 10/16/17

SITE DETAILS

SITE PLAN PREPARED FOR
ENVIROGREEN ASSOCIATES
2040 GREENWOOD ST.
Westchester County, NY
Town Of Yorktown

F:\2017\17-38 CIBERANI\2040 GREENWOOD STREET\ENGR\CD\17-38 CIBERANI - GREENWOOD STREET\DWG\17-38 SITE PLAN 14.8.18.DWG

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GENERAL EROSION CONTROL NOTES:

- Contractor shall be responsible for compliance with all sediment and erosion control practices. The sediment and erosion control practices are to be installed prior to any major soil disturbances, and maintained until permanent protection is established. Road surface flows from the site should be dissipated with tracking pad or appropriate measures during adjacent road shoulder regrading. Contractor is responsible for the installation and maintenance of all soil erosion and sedimentation control devices throughout the course of construction.
- Catch basin inlet protection must be installed and operating at all times until tributary areas have been stabilized. When possible flows should be stabilized before reaching inlet protection structure. Timely maintenance of sediment control structures is the responsibility of the Contractor.
- All structures shall be maintained in good working order at all times. The sediment level in all sediment traps shall be closely monitored and sediment removed promptly when maximum levels are reached or as ordered by the engineer. All sediment control structures shall be inspected on a regular basis, and after each heavy rain to insure proper operation as designed. An inspection schedule shall be set forth prior to the start of construction.
- The locations and the installation times of the sediment capturing standards shall be as specified in these plans, as ordered by the Engineer, and in accordance with the latest edition of the "New York Standards and Specifications for Erosion and Sediment Control" (NYSSESC).
- All topsoil shall be placed in a stabilized stockpile for reuse on the site. All stockpile material required for final grading and stored on site shall be temporarily seeded and mulched within 7 days. Refer to soil stockpile details.
- Any disturbed areas that will be left exposed more than 7 days and not subject to construction traffic, shall immediately receive temporary seeding. Mulch shall be used if the season prevents the establishment of a temporary cover. Disturbed areas shall not be limed and fertilized prior to temporary seeding.
- All disturbed areas within 500 feet of an inhabited dwelling shall be wetted as necessary to provide dust control.
- The contractor shall keep the roadways within the project clear of soil and debris and is responsible for any street cleaning necessary during the course of the project.
- Sediment and erosion control structures shall be removed and the area stabilized when the drainage area has been properly stabilized by permanent measures.
- All sediment and erosion control measures shall be installed in accordance with current edition of NYSSESC.
- All regraded areas must be stabilized appropriately prior to any rock blasting, cutting, and/or filling of soils. Special care should be taken during construction to insure stability during maintenance and integrity of control structures.
- Any slopes graded at 3:1 or greater shall be stabilized with erosion blankets to be staked into place in accordance with the manufacturers requirements. Erosion blankets may also be required at the discretion of Town officials or Project Engineer. When stabilized blanket is utilized for channel stabilization, place all of the volume of seed mix prior to laying net, or as recommended by the manufacturer.
- To prevent heavy construction equipment and trucks from tracking soil off-site, construct a pervious crushed stone pad. Locate and construct pads as detailed in these plans.
- Contractor is responsible for controlling dust by sprinkling exposed soil areas periodically with water as required. Contractor to supply all equipment and water.
- Contractor shall be responsible for construction inspections as per NYSDEC GP-0-15-002 and Town of Yorktown Code.

MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROL STRUCTURES:

N.Y.S.D.E.C. GP-0-15-002 EXPOSURE RESTRICTIONS - States that any exposed earthwork shall be stabilized in accordance with the guidelines of this plan.

- Trees and vegetation shall be protected at all times as shown on the detail drawing and as directed by the Engineer.
- Care should be taken so as not to channel concentrated runoff through the areas of construction activity on the site.
- Fill and site disturbances should not be created which causes water to pond off site or on adjacent properties.
- Runoff from land disturbances shall not be discharged or have the potential to discharge off site without first being intercepted by a control structure, such as a sediment trap or silt fence. Sediment shall be removed before exceeding 50% of the retention structure's capacity.
- For finished grading, adequate grade shall be provided so that water will not pond on lawns for more than 24 hours after rainfall, except in swale flow areas which may drain for as long as 48 hours after rainfall.
- All swales and other areas of concentrated flow shall be properly stabilized with temporary control measures to prevent erosion and sediment travel. Surface flows over cut and fill areas shall be stabilized at all times.
- All sites shall be stabilized with erosion control materials within 7 days of final grading.
- Temporary sediment trapping devices shall be removed from the site within 30 days of final stabilization.

MAINTENANCE SCHEDULE:

	DAILY	WEEKLY	MONTHLY	AFTER RAINFALL	NECESSARY TO MAINTAIN FUNCTION	AFTER APPROVAL OF INSPECTOR
SILT FENCE	---	INSP.	INSP.	INSP.	CLEAN/REPLACE	REMOVE
INLET PROTECTION	---	INSP.	INSP.	CLEAN	REPLACE	REMOVE

MAINTENANCE OF PERMANENT CONTROL STRUCTURES DURING CONSTRUCTION:

The stormwater management system and outlet structure shall be inspected on a regular basis and after every rainfall event. Sediment build up shall be removed from the inlet protection regularly to insure detention capacity and proper drainage. Outlet structure shall be free of obstructions. All piping and drain inlets shall be free of obstruction. Any sediment build up shall be removed.

MAINTENANCE OF CONTROLS AFTER CONSTRUCTION:

Controls (including respective outlet structures) should be inspected periodically for the first few months after construction and on an annual basis thereafter. They should also be inspected after major storm events.

DEBRIS AND LITTER REMOVAL:

Twice a year, inspect outlet structure and drain inlets for accumulated debris. Also, remove any accumulations during each mowing operation.

STRUCTURAL REPAIR/REPLACEMENT:

Outlet structure must be inspected twice a year for evidence of structural damage and repaired immediately.

EROSION CONTROL:

Unstable areas tributary to the basin shall immediately be stabilized with vegetation or other appropriate erosion control measures.

SEDIMENT REMOVAL:

Sediment should be removed after it has reached a maximum depth of five inches above the stormwater management system floor.

CONSTRUCTION SEQUENCE:

Refer to the Plan Set for all plans and details which relate to Construction Sequence.

- A licensed surveyor must define infrastructure locations, limits of disturbance, stormwater basin limits, and grades in the field prior to start of any construction. Limits of disturbance shall be marked with the installation of construction fence or approved equal. The extents of the stormwater management system shall be cordoned off to minimize the disturbance on this area.
- Install all perimeter erosion control measures, construction entrance as shown on the Erosion and Sediment Control Plan and the associated Details. Install silt fencing at the bottom of slopes.
- Strip site and place topsoil in stockpile locations shown on the plan. Remove existing on site sidewalk.
- Begin rough grading the site. Contractor to limit exposure of denuded soils by providing temporary stabilization for work areas that will remain undisturbed for over seven (7) days. Excess material shall be stockpiled in the location shown on the plan as grades allow. Once material can no longer be stockpiled, it shall be removed from the site within 24 hrs of excavation. Prior to the installation of the driveway top course, remove any material not used during site grading.
- Rough grade Driveway, parking area, and sidewalk.
- Begin construction of retaining wall. Sections of wall overlapping with drainage pipe shall not be constructed until pipe is installed. Wall shall be completed prior to the installation of the proposed driveway and parking area.
- Begin the excavation and installation of drainage system and infiltration chambers. Protect trenches and open excavations from erosion. The drainage system shall be constructed working from the downstream end up. All drainage inlets shall be protected from sediment entering. There shall be no direct unfettered discharge into the stormwater systems. The stormwater outlet shall be blocked until all upstream areas have been permanently stabilized. Protection will be provided at inlets to prevent sediment from entering the system. Once system has been installed, backfill, seed where necessary, and reinstall measures to cordon off the system from disturbance. This shall only be removed to install overlapping sections of sidewalk and driveway/parking.
- During site construction maintain and re-establish as required erosion control and stabilization measures as required by the site plan and details. Remove any sediment track on roadway from construction vehicles as needed.
- Excavate to the sub-grade level. Scarify the existing soil to a depth of 12-inches by rototilling or other means acceptable to the Engineer. Install all courses of stone as per the specifications given on the Plan.
- Install base course of Item 4 in all pavement areas. Bring open areas to final grades and put in place permanent vegetative cover over all disturbed areas, landscape beds, slopes, etc.
- Construct remainder of driveway and parking areas. First install curbs and backfill. Install asphalt binder, and concrete sidewalk. Once binder course is installed, drainage outlet may be unblocked.
- Once site stabilization has taken place (An area shall be considered to have achieved final stabilization when it has a minimum uniform 80% perennial vegetative cover or other permanent non-vegetative cover with a density sufficient to resist accelerated surface erosion and subsurface characteristics sufficient to resist sliding and other movements), remove all temporary erosion and sediment controls, unplug the drainage system to allow runoff to enter the stormwater management system.

Winter Stabilization Notes:

If construction activities are expected to extend into or occur during the winter season the contractor shall anticipate proper stabilization and sequencing. Construction shall be sequenced such that wherever possible areas of disturbance that can be completed and permanently stabilized shall be done by applying and establishing permanent vegetative cover before the first frost. Areas subject to temporary disturbance that will not be worked for an extended period of time shall be treated with temporary seed, mulch, and/or erosion blankets.

TOPSOIL:

Existing topsoil will be removed and stored in piles sufficiently as to avoid mixing with other excavation. Stockpiles shall be surrounded by erosion control as outlined on these plans. The furnishing of new topsoil shall be of a better or equal to the following criteria (SS713.01 NYSDOT):

- The pH of the material shall be 5.5 to 7.6.
- The organic content shall not be less than 2% or more than 70%.
- Gradation:

SIEVE SIZE	% PASSING BY WGT.
2 INCH	100
1 INCH	85 TO 100
1/4 INCH	65 TO 100
NO. 200 MESH	20 TO 80

PERMANENT VEGETATIVE COVER:

- Site preparation:
 - Install erosion control measures.
 - Scarify compacted soil areas.
 - Lime as required to pH 6.5.
 - Fertilize with 10-6-4 4 lbs/1,000 S.F.
 - Incorporate amendments into soil with disc harrow.
- Seed mixtures for use on swales and cut and fill areas.

MIXTURE	LBS./ACRE
ALT. A	KENTUCKY BLUE GRASS 20 CREEPING RED FESCUE 28 RYE GRASS OR REDTOP 5
ALT. B	CREEPING RED FESCUE 20 REDDTOP 2 TALL FESCUE/SMOOTH BLOOMGRASS 20
- SEEDING
 - Prepare seed bed by raking to remove stones, twigs, roots and other foreign material.
 - Apply soil amendments and integrate into soil.
 - Apply seed uniformly by cyclone seeder culti-packer or hydro-seeder at rate indicated.
 - Stabilize seeded areas in drainage swales.
 - Irrigate to fully saturate soil layer, but not to dislodge planting soil.
 - Seed between April 1st and May 15th or August 15th and October 15th.
 - Seeding may occur May 15th and August 15th if adequate irrigation is provided.

TEMPORARY VEGETATIVE COVER:

SITE PREPARATION:

- Install erosion control measures.
- Scarify areas of compacted soil.
- Fertilize with 10-10-10 at 400/lb/acre.
- Lime as required to pH 6.5.

SEED SPECIES:

MIXTURE	LBS./ACRE
Rapidly germinating annual ryegrass (or approved equal)	20
Perennial ryegrass	20
Cereal oats	36

SEEDING:

Same as permanent vegetative cover

CONTRACTOR CERTIFICATION STATEMENT

Certification Statement - All contractors and subcontractors as identified in a SWPPP, by the Owner or Operator, in accordance with Part III.A.5 of the SPDES General Permit for Stormwater Runoff from Construction Activity, GP-0-15-002, dated January 29, 2015, Page 10 of 40, shall sign a copy of the following Certification Statement before undertaking any construction activity at the Site identified in the SWPPP:

"I hereby certify that I understand and agree to comply with the terms and conditions of the SWPPP and agree to implement any corrective actions identified by the Qualified Inspector during a site inspection. I also understand that the Owner or Operator must comply with the terms and conditions of the New York State Pollutant Discharge Elimination System ("SPDES") General Permit for Stormwater Discharge from Construction Activities and that it is unlawful for any person to cause or contribute to a violation of water quality standards. Furthermore, I understand that certifying false, incorrect or inaccurate information is a violation of the referenced permit and the laws of the State of New York and could subject me to criminal, civil and/or administrative proceedings."

Individual Contractor: _____
 Name and Title (please print): _____
 Signature of Contractor: _____
 Company / Contracting Firm: _____
 Name of Company: _____
 Address of Company: _____
 Telephone Number / Cell Number: _____
 Site Information: _____
 Address of Site: _____
 Today's Date: _____

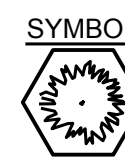
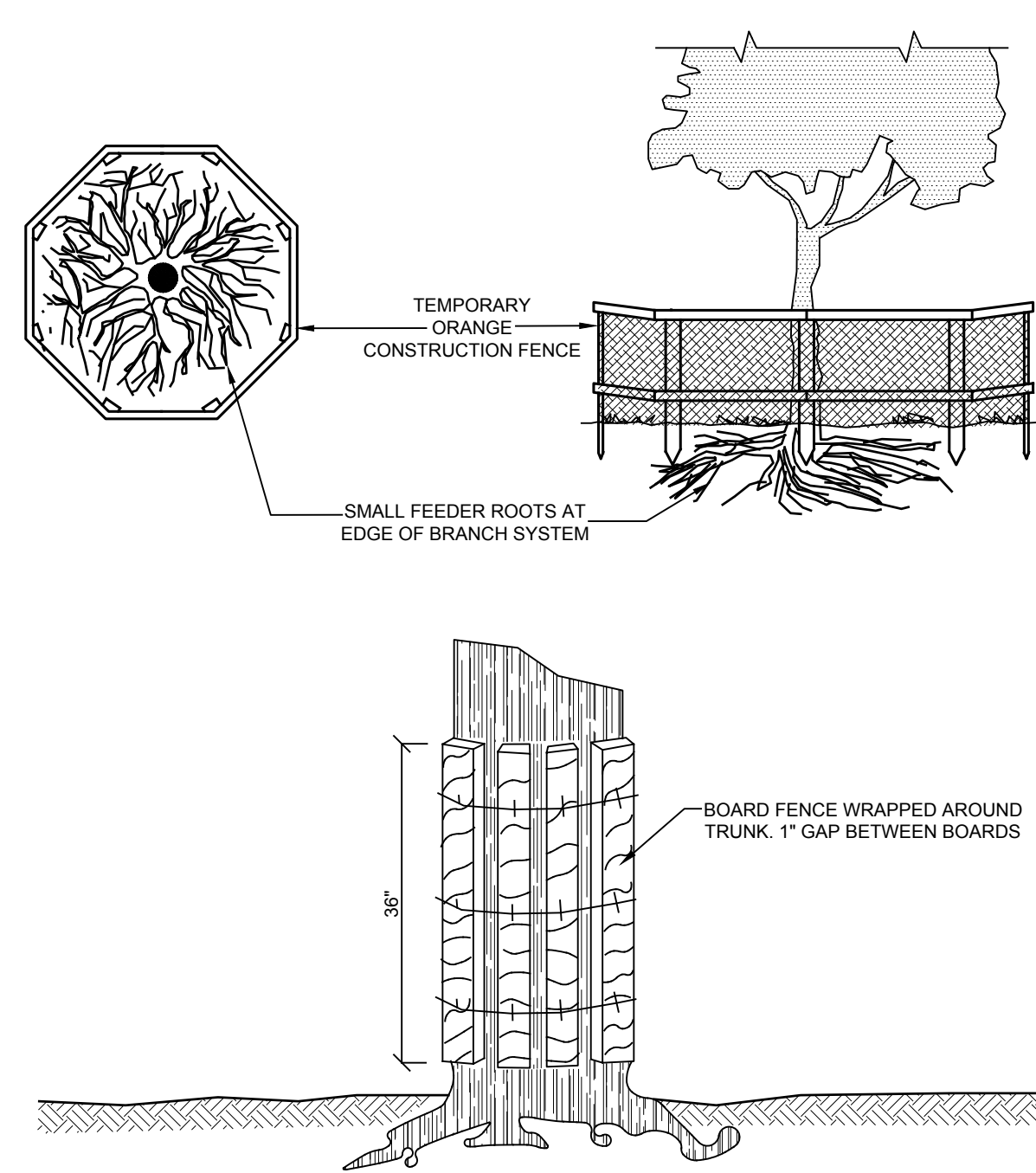
OWNER / OPERATOR CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. Further, I hereby certify that the SWPPP meets all Federal, State, and local erosion and sediment control requirements. I am aware that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law."

Name (please print): _____
 Title: _____
 Date: _____
 Address: _____
 Phone: _____
 Signature: _____
 E-mail: _____

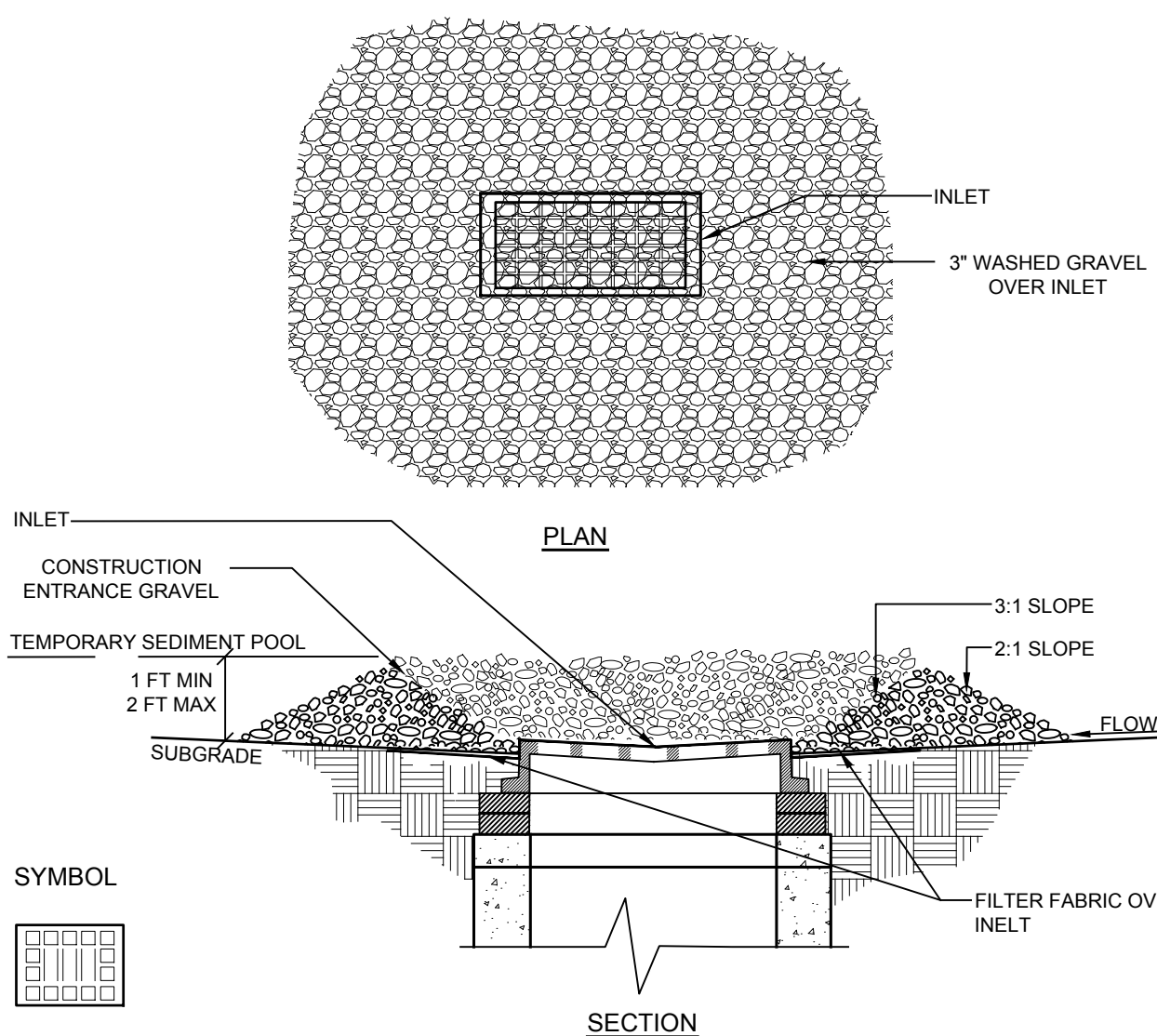
POST CONSTRUCTION MAINTENANCE SCHEDULE:

Control to be Inspected	Inspection Frequency	Maintenance Threshold Criteria	Maintenance Procedure
Drain Inlets	Quarterly	3" + Accumulated Sediment	Remove debris and sediment.
Infiltration Chambers	Bi-annually	3" + Accumulated Sediment	JetVac debris and sediment
Downstream Defender	Bi-annually	18" + Accumulated Sediment	Vacuum debris and sediment

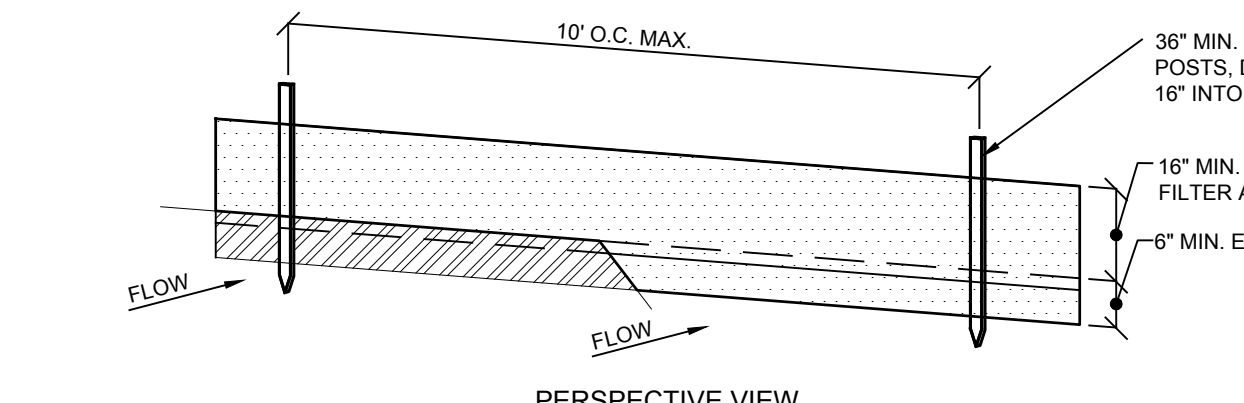


- NOTES:**
- Contractor shall use the tree trunk armor detail for isolated trees that require protection.
 - As an alternate, the contractor may protect trees in the vicinity of regular heavy traffic / construction areas or clusters of trees to be protected as per the construction fence detail.

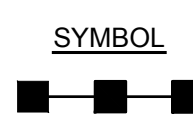
E-1 TREE PROTECTION DETAIL
NOT TO SCALE



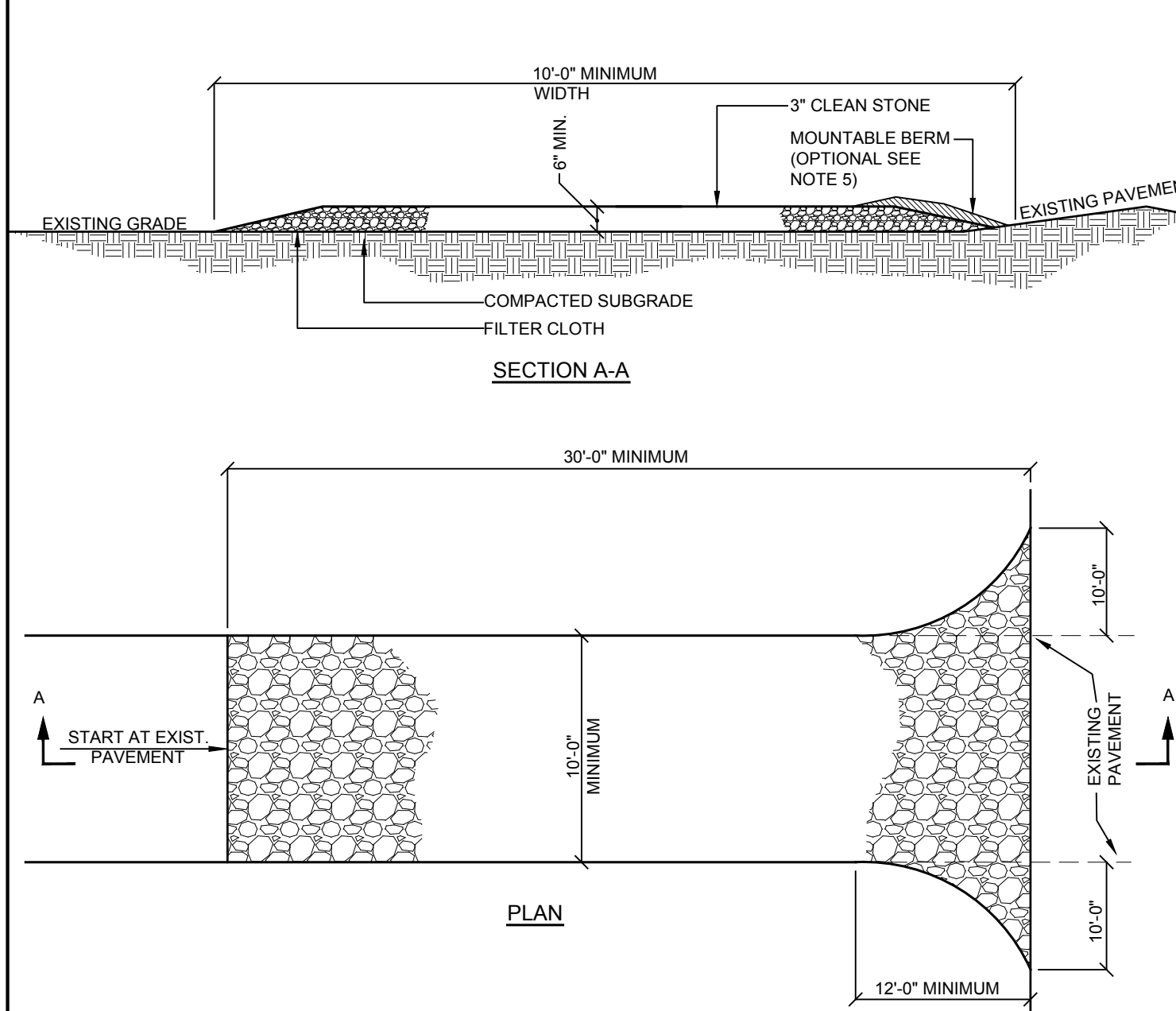
E-2 INLET PROTECTION DETAIL
NOT TO SCALE



- NOTES:**
- Filter cloth to be fastened securely to post: steel either 1 or 2" hardwood posts at top and mid section.
 - When two sections of filter cloth adjoin each other they shall be overlapped by 6 inches and folded. Filter cloth shall be miraf 100x, stabilinka t140n or approved equal.
 - Maintenance shall be performed as needed and material removed when "bulges" develop in the silt fence.
 - Excavate 4 inch trench along the lower perimeter of the site.
 - Unroll a section at a time and position the post against the back (downstream) wall of the trench (net side away from direction of flow).
 - Drive the post into the ground until the netting is approximately 2 inches from the trench bottom.
 - Lay the toe-in flap of fabric onto the undisturbed bottom of the trench, backfill the trench and tamp the soil. Steeper slopes require an intercept trench.
 - Join sections as shown above.



E-3 SILT FENCE DETAIL
NOT TO SCALE

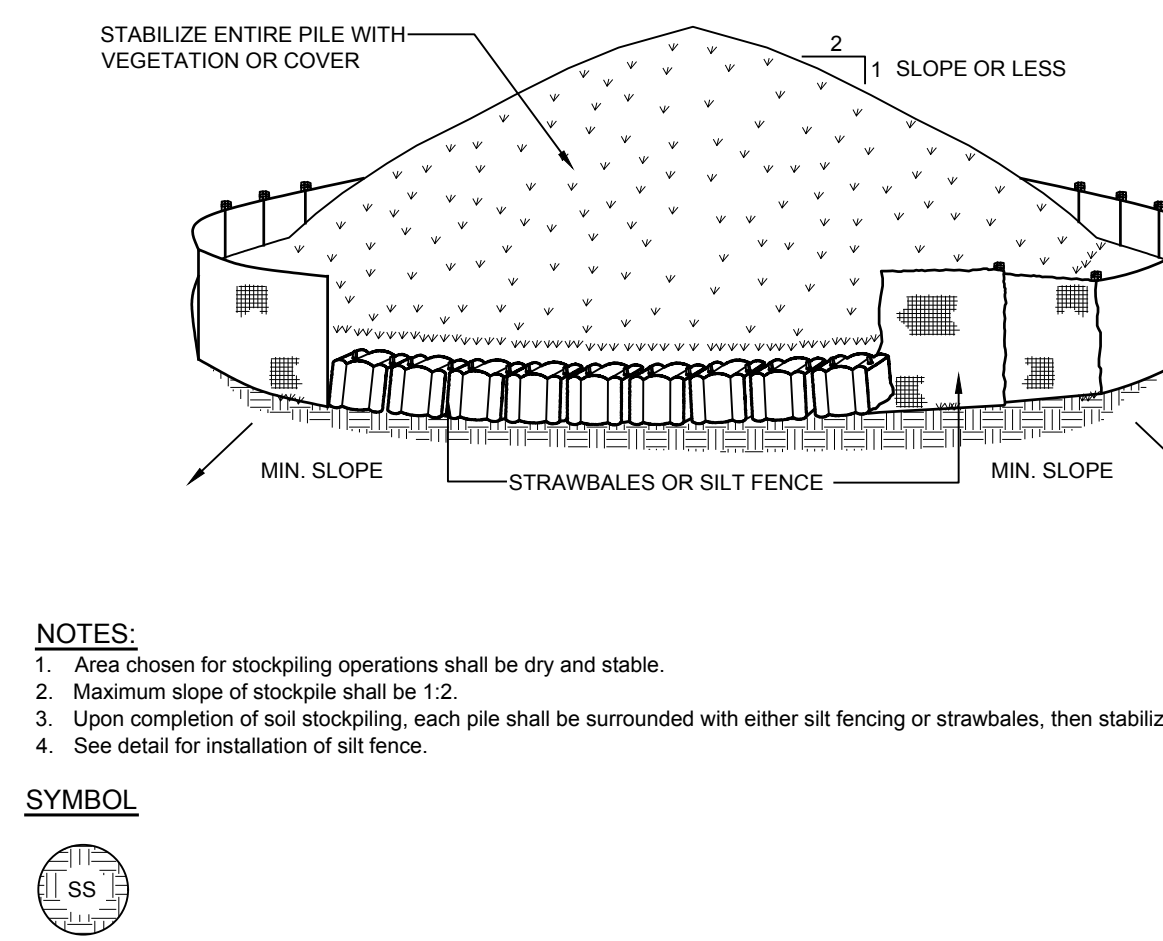


- INSTALLATION NOTES:**
- Stone size - use 3" min. Stone, or reclaimed or recycled concrete equivalent.
 - Length - as required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 - Thickness - not less than six (6) inches.
 - Width - 10 foot minimum, but not less than the full width at points where ingress or egress occur. 24 ft if single entrance to site.
 - 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.
 - Maintenance - the entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right of way this may require periodic top dressing with additional stone as conditions demand and repair and/or cleanouts of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right of way must be removed immediately.
 - Washing - wheels shall be cleaned to remove sediment prior to entrance onto public right of way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
 - Periodic inspection and needed maintenance shall be provided after each rain.

SYMBOL:

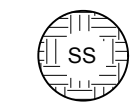


E-4 STABILIZED CONSTRUCTION ENTRANCE DETAIL
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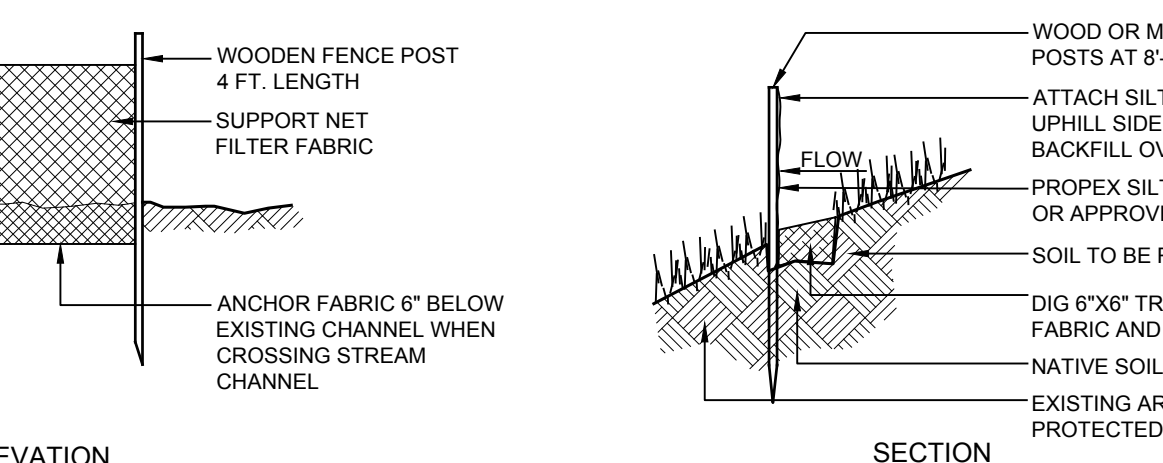
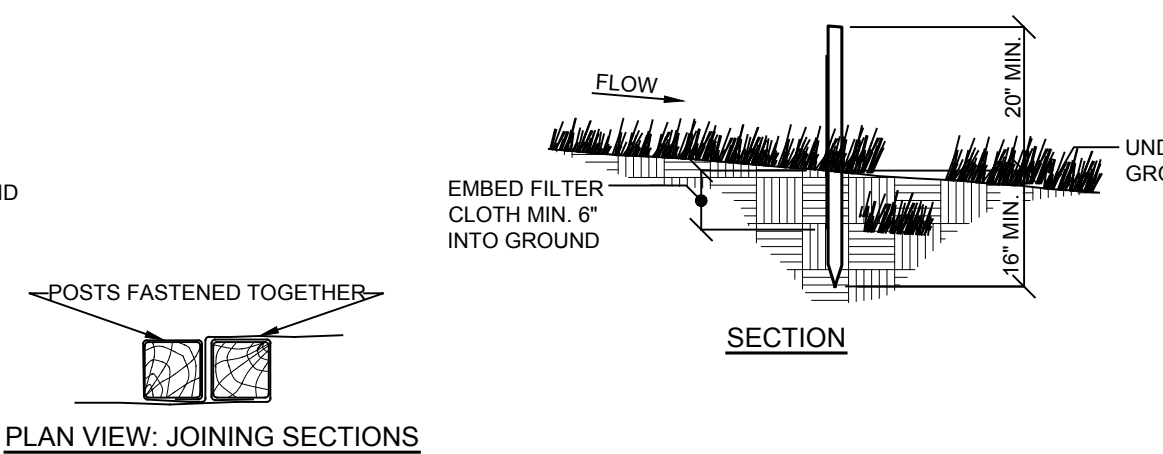


- NOTES:**
- Areas chosen for stockpiling operations shall be dry and stable.
 - Maximum slope of stockpile shall be 1:2.
 - Upon completion of soil stockpiling, each pile shall be surrounded with either silt fencing or strawbales, then stabilized with vegetation or covered.
 - See detail for installation of silt fence.

SYMBOL:

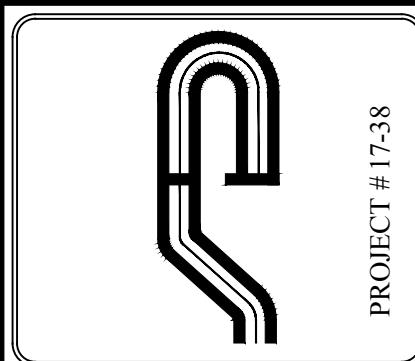


E-5 SOIL STOCKPILE DETAIL
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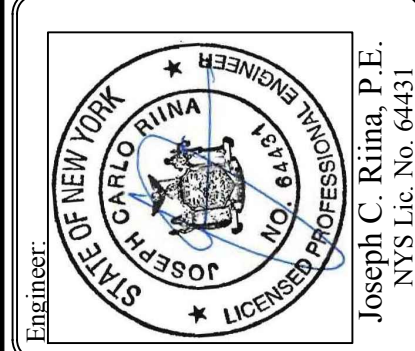


ELEVATION:

E-3 SILT FENCE DETAIL
NOT TO SCALE



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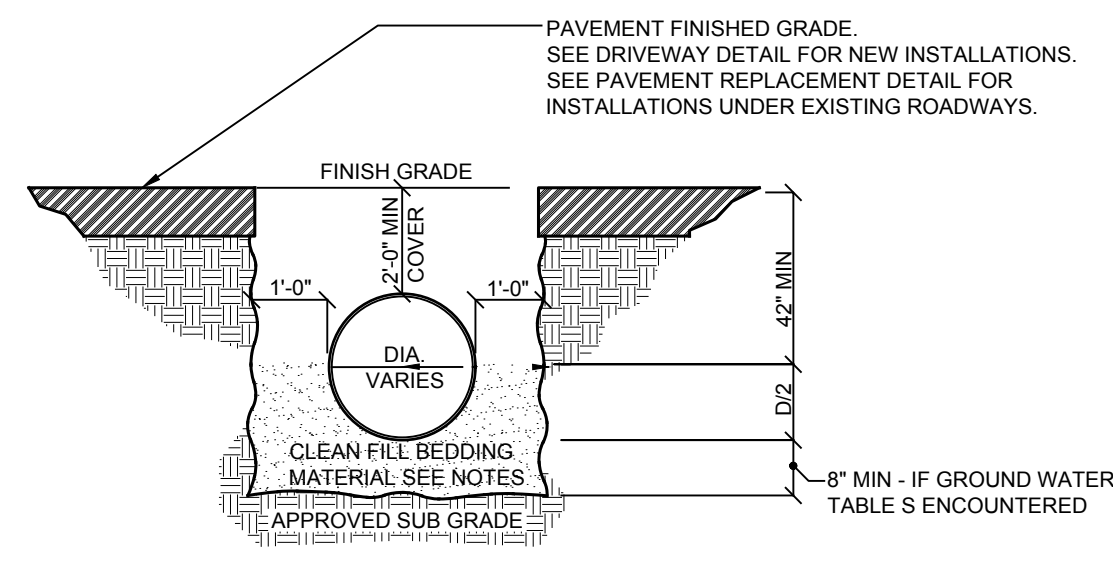
Revisions:

No.	Date	Comments
1	11/8/17	ADD DETAIL
2	1/22/18	ALT PLAN
3	2/14/18	LEGEND ADDED
4	9/25/18	DETA COMMENTS
5	12/5/18	TOWN COMMENTS
6	1/9/19	TOWN COMMENTS
7	1/9/19	TOWN COMMENTS

SCALE: NTS
DRAWN BY: DR
DATE: 10/16/17

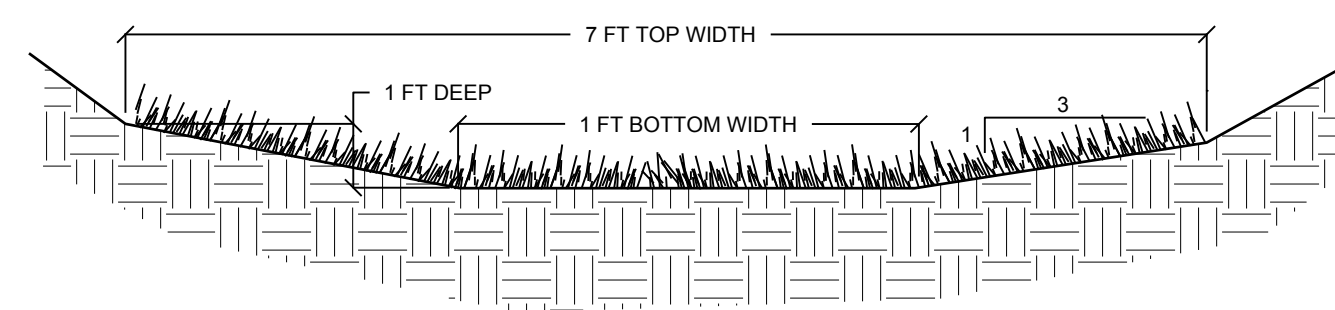
E&SC NOTES & DETAILS

ENVIROGREEN ASSOCIATES
 2040 GREENWOOD ST.
 Westchester County, NY
 Town Of Yorktown



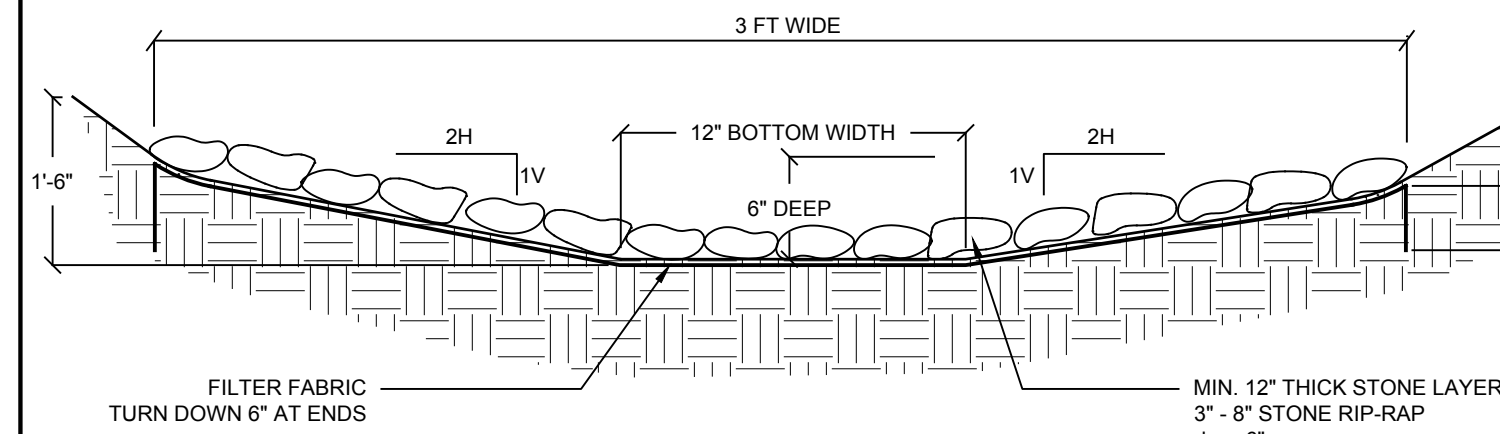
- NOTES:**
- Pipe shall be laid and connected in the bedding which shall consist of:
 - Compacted existing subsoil when laid above ground water or;
 - 3/4" crushed stone when laid below ground water.
 - If subsoil is determined to be unsuitable by the Engineer, all unsuitable material shall be removed for at least 2'-6" below the pipe invert or twice the pipe diameter, whichever is greater, and replaced with compacted bedding material.

SYMBOL



- NOTE:**
- Grass swale to be seeded with grass mixture per 1000 s.F as follows:
 - Kentucky Bluegrass: 60lbs
 - Creeping Red Fescue: 50 lbs
 - Perennial Ryegrass: 20lbs
 - The foundation area shall be cleared of trees, stumps, sod, loose rock, or other objectionable materials.
 - The cross section shall be excavated to the neat lines and grades shown on the plans. Over excavated areas shall be backfilled with moist soil compacted to the density of the surrounding material.
 - No abrupt deviations from design grade or horizontal alignment shall be permitted.
 - Construction operations shall be done in such a manner that erosion, air and water pollution will be minimized and held within legal limits. All disturbed areas shall be vegetated or otherwise protected against soil erosion.

SYMBOL



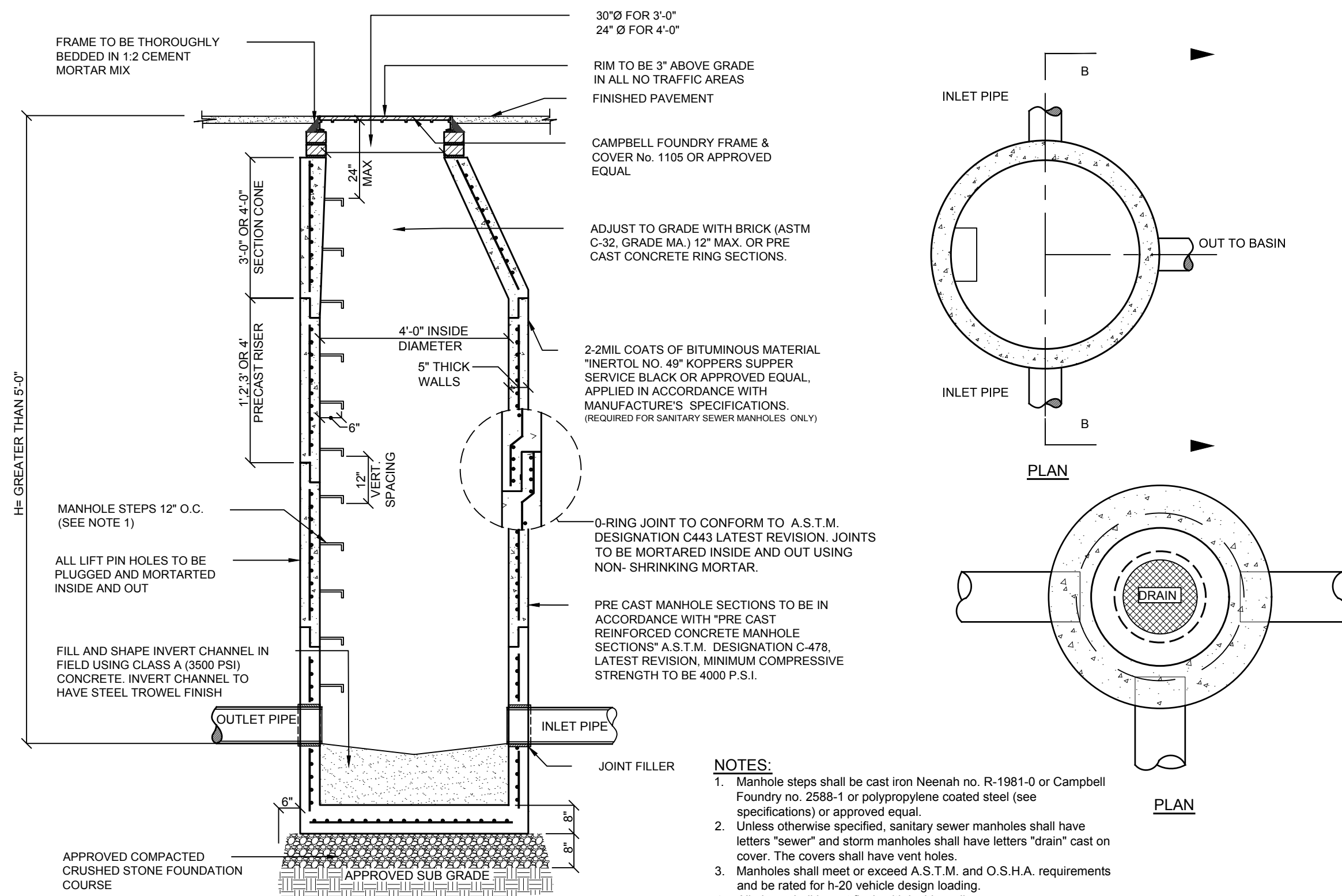
- NOTES:**
- The foundation area shall be cleared of trees, stumps, sod, loose rock, or other objectionable materials.
 - The cross section shall be excavated to the neat lines and grades shown on the plans. Over excavated areas shall be backfilled with moist soil compacted to the density of the surrounding material.
 - Filter, bedding, and rock riprap shall be placed to line and grade in the manner specified.
 - No abrupt deviations from design grade or horizontal alignment shall be permitted.
 - Construction operations shall be done in such a manner that erosion, air and water pollution will be minimized and held within legal limits. All disturbed areas shall be vegetated or otherwise protected against soil erosion.

SYMBOL

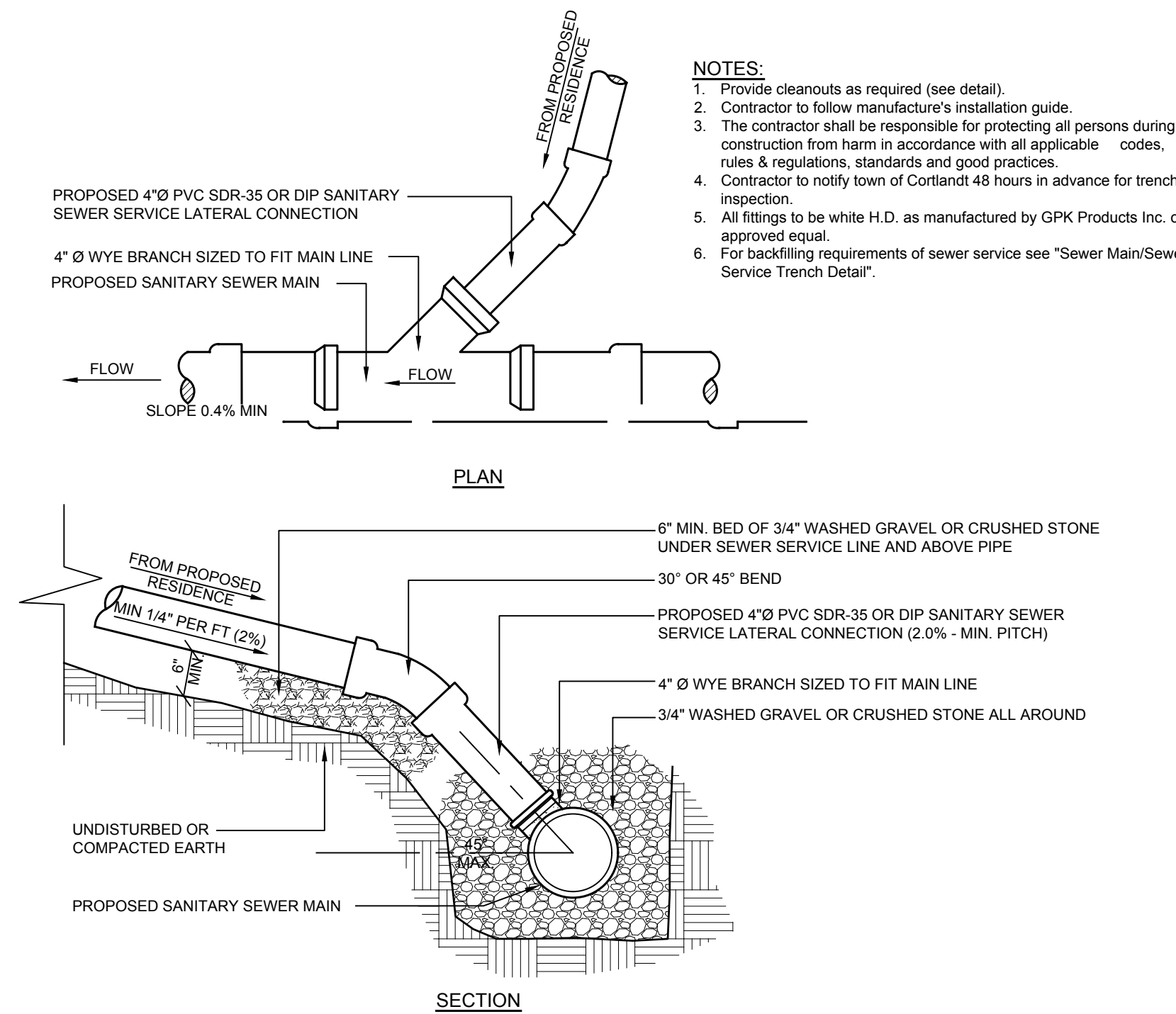
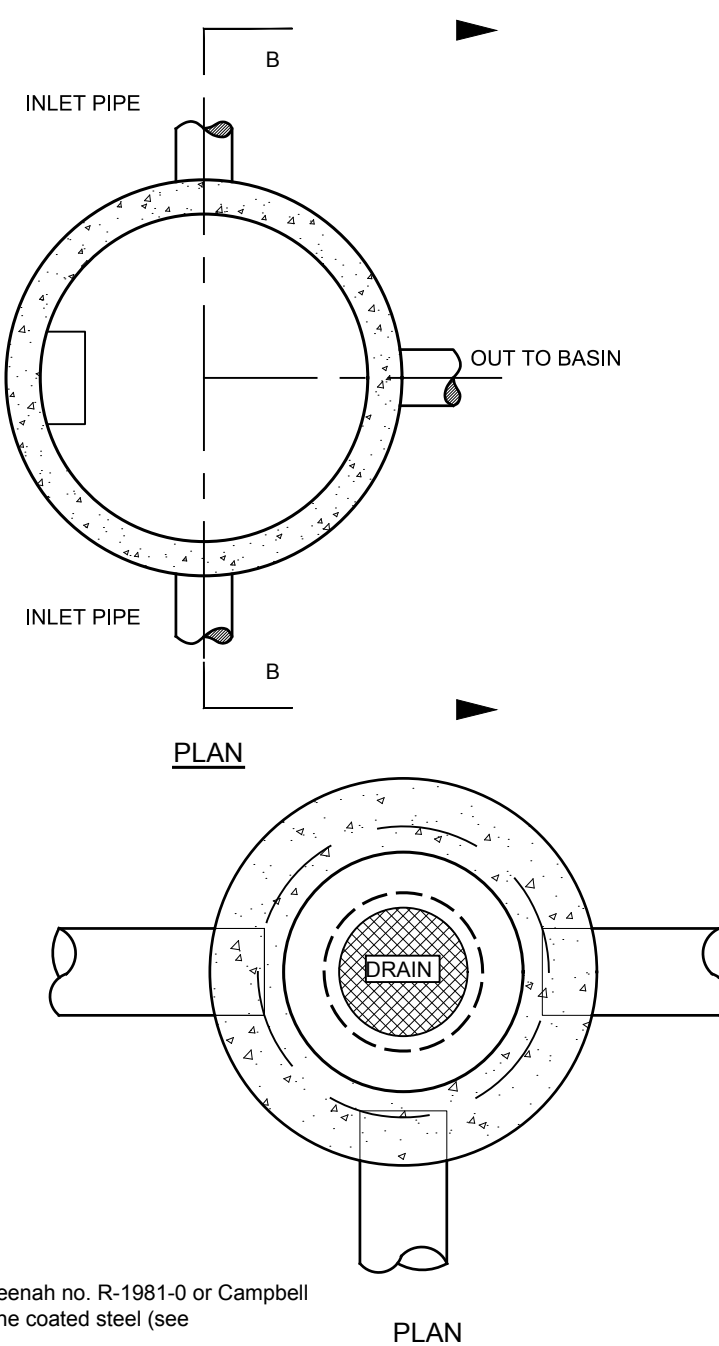
D-1 STORM PIPE BEDDING DETAIL

SW-1 GRASS SWALE DETAIL
NOT TO SCALE

SW-2 RIP-RAP SWALE DETAIL
NOT TO SCALE



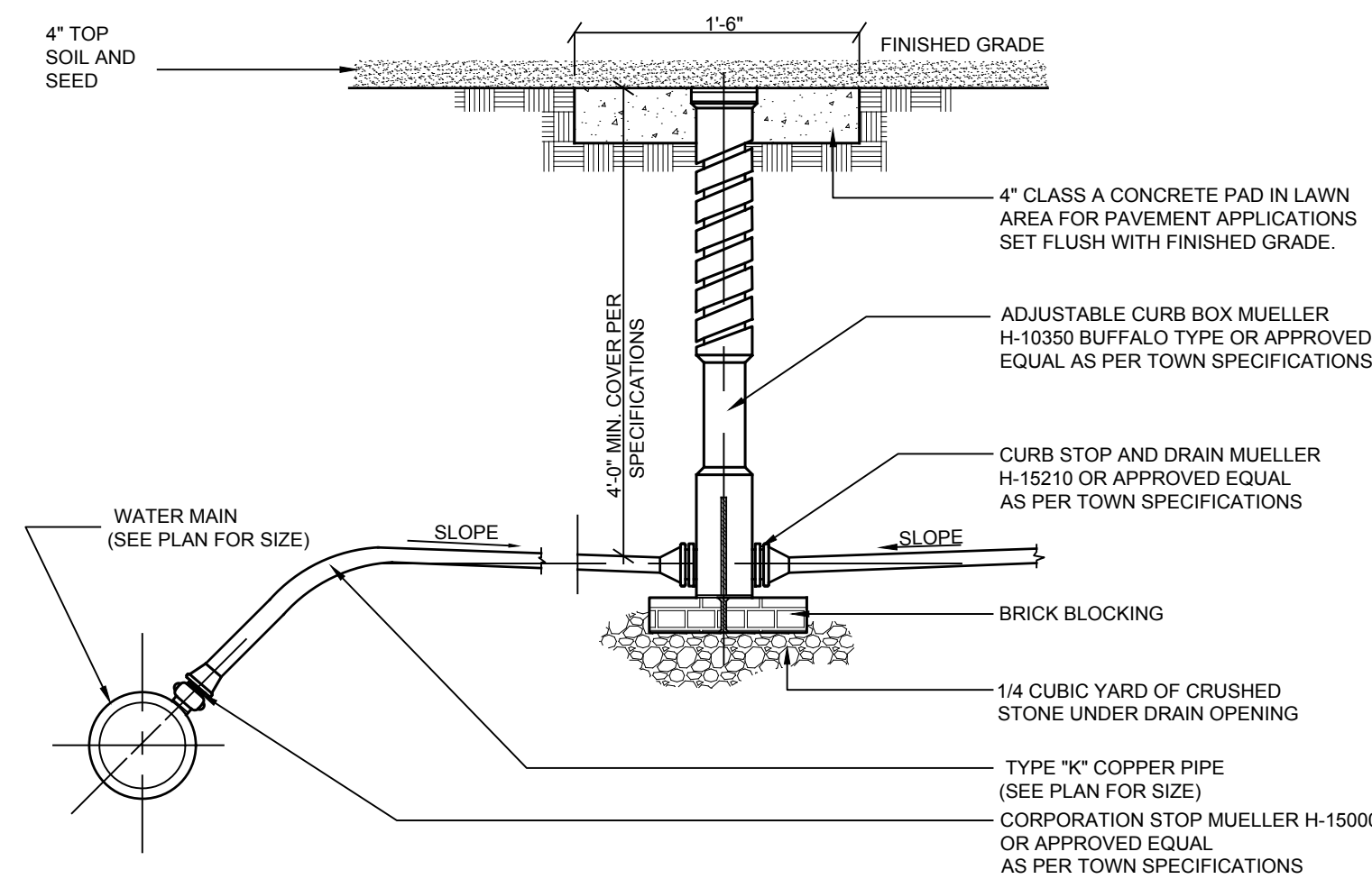
- NOTES:**
- Manhole steps shall be cast iron Neenah no. R-1981-0 or Campbell Foundry no. 2588-1 or polypropylene coated steel (see specifications) or approved equal.
 - Unless otherwise specified, sanitary sewer manholes shall have letters "sewer" and storm manholes shall have letters "drain" cast on cover. The covers shall have vent holes.
 - Manholes shall meet or exceed A.S.T.M. and O.S.H.A. requirements and be rated for h-20 vehicle design loading.
 - All pipes shall be cut flush with inside walls.
 - Where depth of manhole exceeds 10 ft, inside diameter shall be 60".



- NOTES:**
- Provide cleanouts as required (see detail).
 - Contractor to follow manufacturer's installation guide.
 - The contractor shall be responsible for protecting all persons during construction from harm in accordance with all applicable codes, rules & regulations, standards and good practices.
 - Contractor to notify town of Cortlandt 48 hours in advance for trench inspection.
 - All fittings to be white H.D. as manufactured by GPK Products Inc. or approved equal.
 - For backfilling requirements of sewer service see "Sewer Main/Sewer Service Trench Detail".

D-2 STORM DRAIN MANHOLE DETAIL
NOT TO SCALE

S-1 SEWER CONNECTION TO PROPOSED MAIN-LINE DETAIL
NOT TO SCALE



W-1 WATER SERVICE CONNECTION DETAIL
NOT TO SCALE

GENERAL CONSTRUCTION NOTES:

- ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH CONSTRUCTION SPECIFICATIONS SET FORTH IN THESE DOCUMENTS AND LAND SUBDIVISION REGULATIONS OF THE TOWN OF YORKTOWN.
- PERMANENT SURVEY MONUMENTS TO BE LOCATED WHERE SPECIFIED BY THE TOWN ENGINEER.
- BENCH MARKS USING U.S.G.S. DATUM SHALL BE OF SUCH ELEVATION THAT THE GROUND WILL SLOPE AWAY FROM IT IN ALL DIRECTIONS.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED FROM 8:00 A.M. TO 6 P.M., AND NO CONSTRUCTION ACTIVITY SHALL OCCUR ON SUNDAYS OR LEGAL NEW YORK STATE HOLIDAYS. WHERE BLASTING IS NECESSARY, IT SHALL OCCUR FROM MONDAY THROUGH FRIDAY BETWEEN THE HOURS OF 8:00 A.M. AND 6:00 P.M. NO BLASTING SHALL OCCUR ON HOLIDAYS, SATURDAY OR SUNDAY. ALL BLASTING SHALL ALSO BE COMPLETED IN ACCORDANCE WITH THE TOWN OF SOMERS AND NEW YORK STATE BLASTING ORDINANCES.
- ANY SOIL THAT IS UNSUITABLE FOR DEVELOPMENT OF BUILDINGS OR ROADWAYS SHALL BE REMOVED FROM AREAS TO BE DEVELOPED AND SHALL BE DISPOSED OF WITHIN THE SITE IN NEW EMBANKMENTS WHERE STRUCTURAL LOADING, I.E. A BUILDING OR ROADWAY, WILL NOT TAKE PLACE. WHEN CONSTRUCTION IS PROPOSED TO OCCUR IN SPECIFIC AREAS WHERE SOILS ARE OF QUESTIONABLE SUITABILITY, THE APPLICANT SHALL PROVIDE SOILS ENGINEERING REPORTS AS REQUIRED BY THE PLANNING BOARD ENGINEER, PRIOR TO THE CONSTRUCTION OF ROADWAYS AND, AS REQUIRED BY THE BUILDING INSPECTOR, PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- NO TOPSOIL SHALL BE REMOVED FROM THE SITE.

GENERAL STORM DRAINAGE & UTILITY NOTES

- ALL UTILITIES, INCLUDING ELECTRIC LINES, TELEPHONE, WATER, SANITARY SEWER LINES, AND STORM SEWER LINES SHALL BE LOCATED UNDERGROUND AND SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF YORKTOWN AND THE UTILITY COMPANIES HAVING JURISDICTION.
- LOCATION OF WATER VALVES, ELECTRIC AND TELEPHONE POLES ARE TO BE DETERMINED BY PROPER AUTHORITIES AND APPROVED, AS TO LOCATION, BY THE TOWN ENGINEER.
- ROOF LEADER DRAINS SHALL EMPTY INTO THE STORM DRAINAGE SYSTEM OR DISCHARGE DIRECTLY TO STORMWATER MANAGEMENT BASINS UNDER NO CIRCUMSTANCES SHALL THE DISCHARGE OF GROUND WATER OR STORM WATER, EITHER BY GRAVITY OR BY PUMPING, BE DISCHARGED TO ANY SANITARY SEWER SYSTEM.
- ANY REVISIONS AND/OR ADDITIONS TO THE ROAD STORM DRAINAGE SYSTEMS CURRENTLY SHOWN ON THE PLANS WHICH ARE DEEMED NECESSARY DURING CONSTRUCTION MUST BE MADE BY THE CONTRACTOR AS REQUIRED BY THE TOWN AND SHALL BE SHOWN ON THE AS-BUILT DRAWINGS.
- STORM DRAIN PIPING TO BE HIGH DENSITY POLYETHYLENE AS SHOWN ON THE CONSTRUCTION DRAWINGS. MINIMUM COVER TO BE 2' UNLESS OTHERWISE NOTED.
- PRIOR TO FINAL APPROVAL AND OPERATION OF DRAINAGE SYSTEM, CONTRACTOR SHALL CLEAR ALL ACCUMULATED SEDIMENT AND/OR DEBRIS FROM DRAINAGE STRUCTURES, MANHOLES, CULVERTS, OUTLETS AND DRAIN INLETS. ENGINEER SHALL BE NOTIFIED FOR FINAL INSPECTION.
- ALL STRUCTURES SHALL BE SET ONE INCH BELOW PAVEMENT.
- STREET OPENING PERMIT FROM THE TOWN OF YORKTOWN D.P.W. MAY BE REQUIRED FOR INSTALLATION IN PUBLIC ROADS.

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SEAL OF NEW YORK
 JOSEPH C. RIMA, P.E.
 LICENSED PROFESSIONAL ENGINEER
 NYS Lic. No. 64431

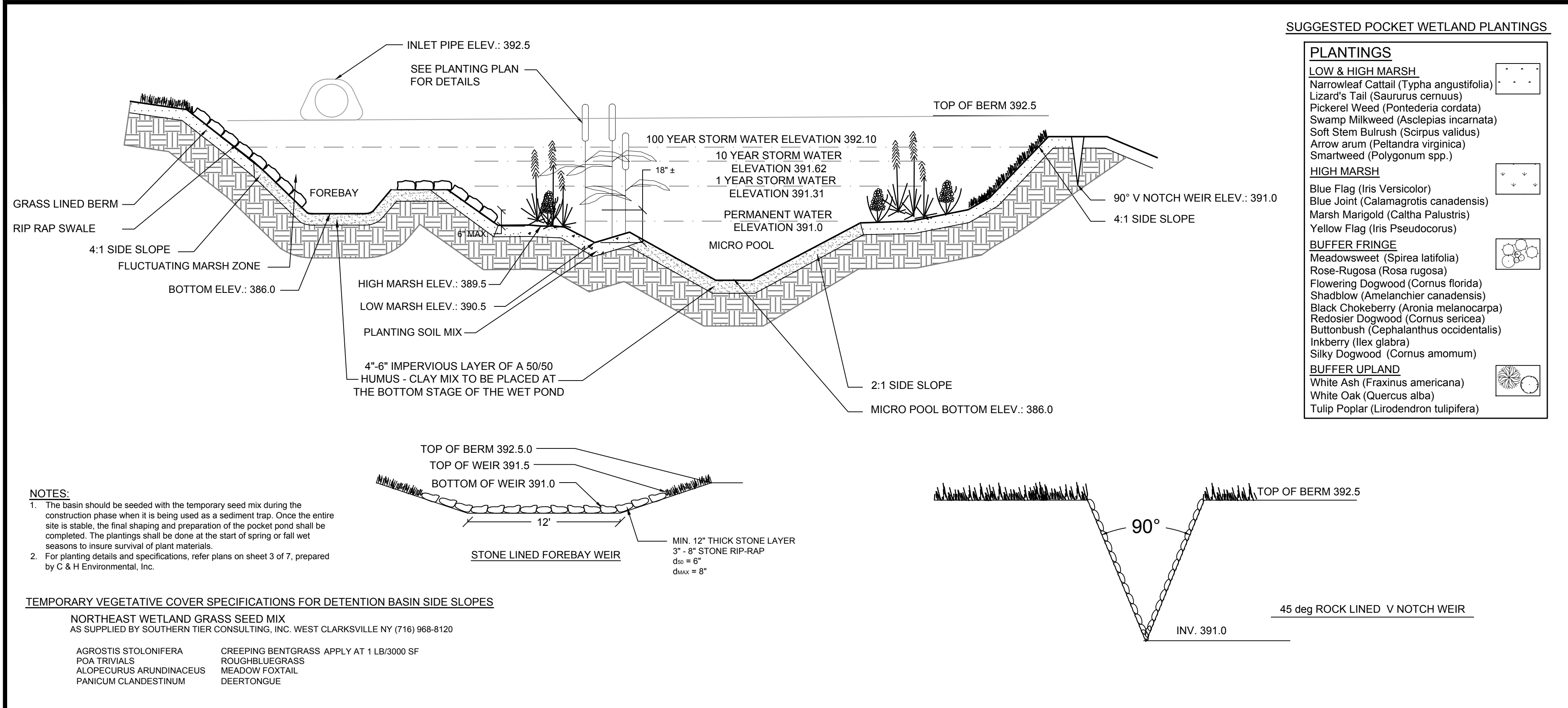
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	1	11/8/17	ADD DETAILS
	2	1/22/18	ALT PLAN
	3	2/14/18	LEGEND ADDED
	4	2/27/18	DEP COMMENTS
	5	9/25/18	TOWN COMMENTS
	6	12/5/18	TOWN COMMENTS
	7	1/9/19	TOWN COMMENTS

SCALE: NTS	DRAWN BY: DR	DATE: 10/16/17
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IMPROVEMENT DETAILS

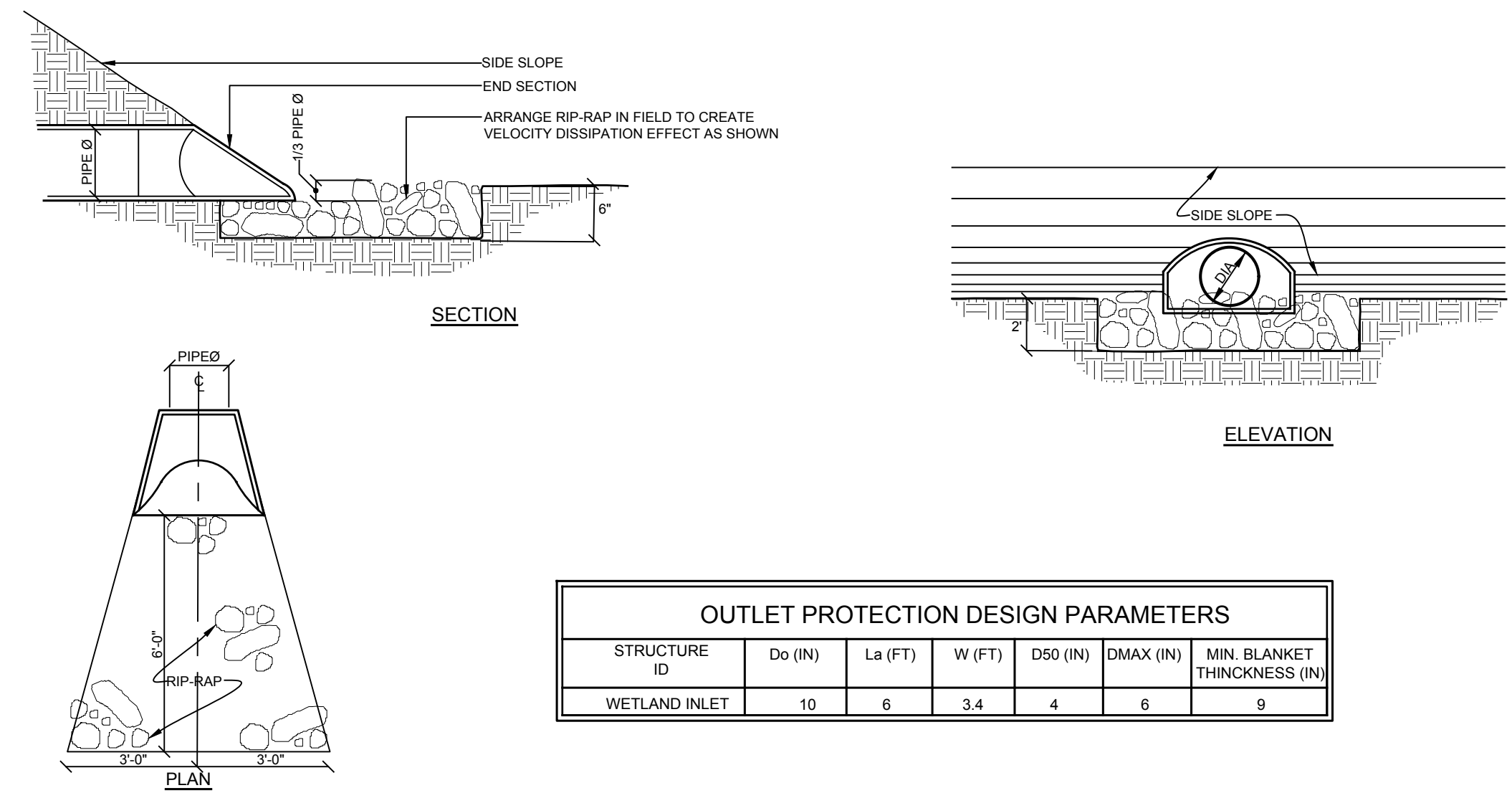
SITE PLAN PREPARED FOR
2040 GREENWOOD STREET
 ENVIROGREEN ASSOCIATES
 Westchester County, NY

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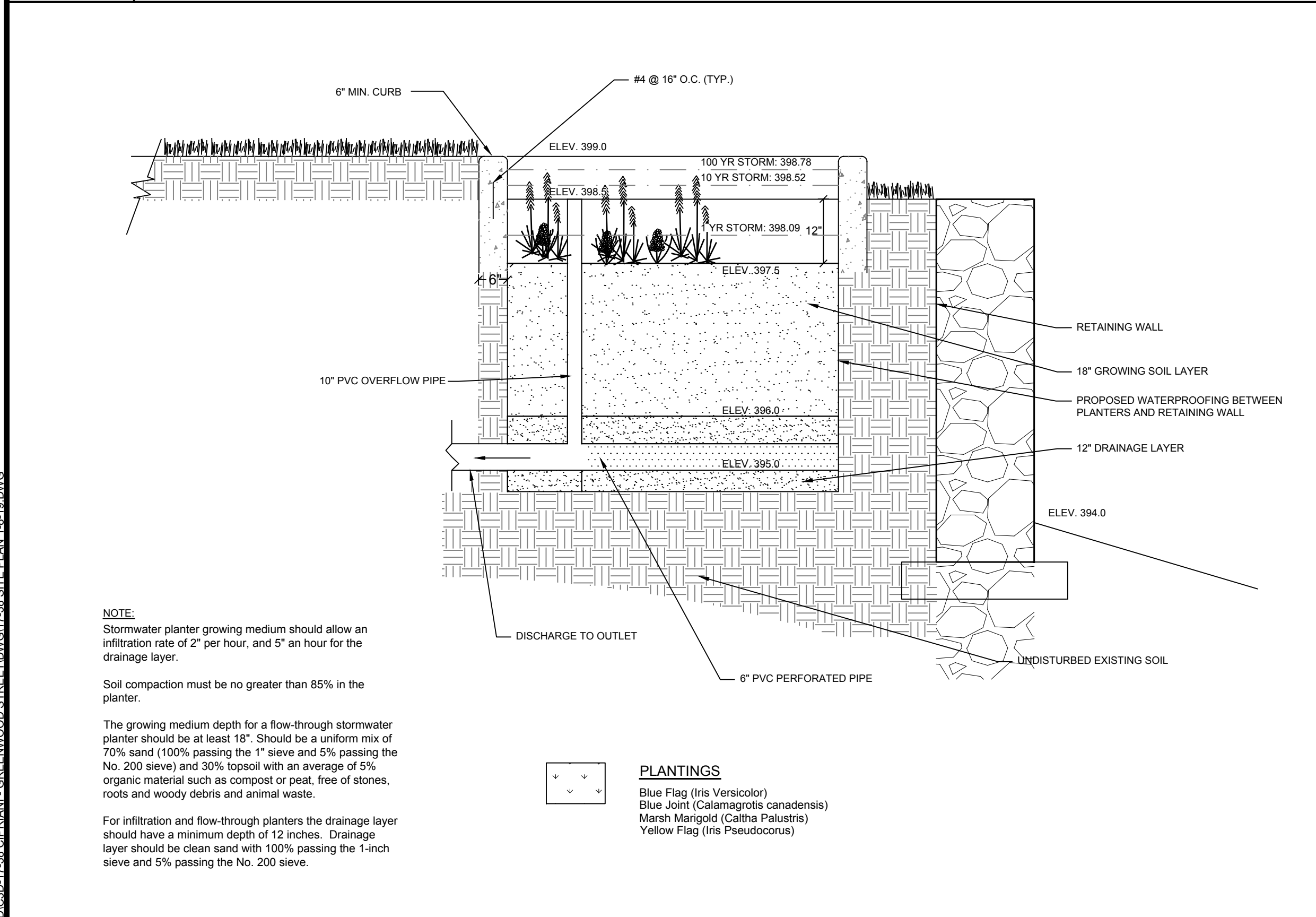


SUGGESTED POCKET WETLAND PLANTINGS

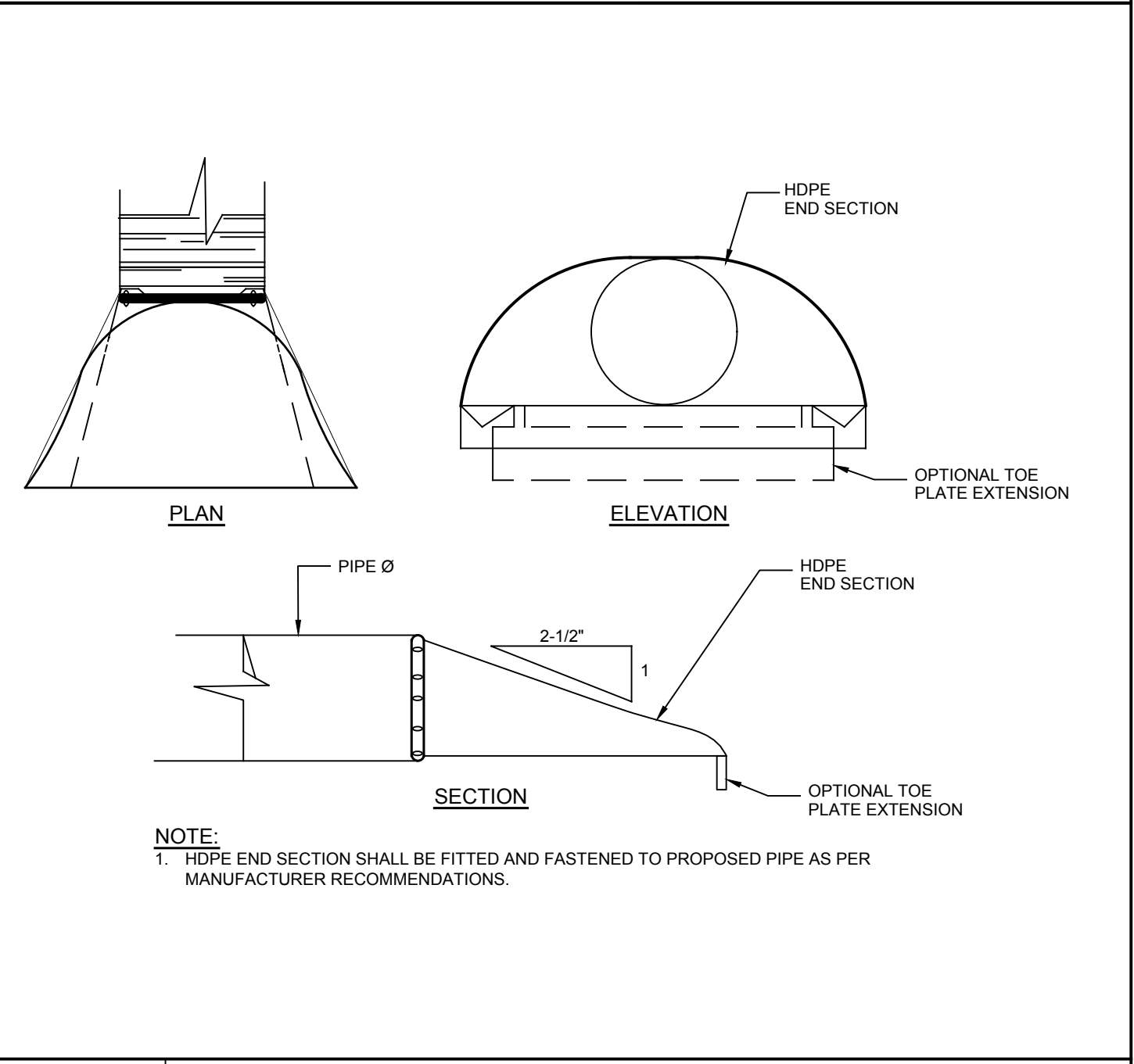
- PLANTINGS**
- LOW & HIGH MARSH**
Narrowleaf Cattail (*Typha angustifolia*)
Lizard's Tail (*Saururus cernuus*)
Pickers' Weed (*Pontederia cordata*)
Swamp Milkweed (*Asclepias incarnata*)
Soft Stem Bulrush (*Scirpus validus*)
Arrow arum (*Peltandra virginica*)
Smartweed (*Polygonum* spp.)
- HIGH MARSH**
Blue Flag (*Iris Versicolor*)
Blue Joint (*Calamagrostis canadensis*)
Marsh Marigold (*Caltha Palustris*)
Yellow Flag (*Iris Pseudocorus*)
- BUFFER FRINGE**
Meadowsweet (*Spiraea latifolia*)
Rose-Rugosa (*Rosa rugosa*)
Flowering Dogwood (*Cornus florida*)
Shadblow (*Amelanchier canadensis*)
Black Chokeberry (*Aronia melanocarpa*)
Redosier Dogwood (*Cornus sericea*)
Buttonbush (*Cephalanthus occidentalis*)
Inkberry (*Ilex glabra*)
Silky Dogwood (*Cornus amomum*)
- BUFFER UPLAND**
White Ash (*Fraxinus americana*)
White Oak (*Quercus alba*)
Tulip Poplar (*Liriodendron tulipifera*)



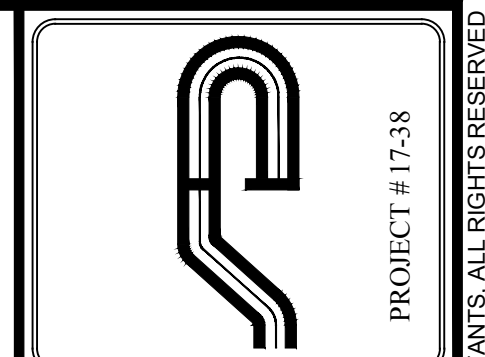
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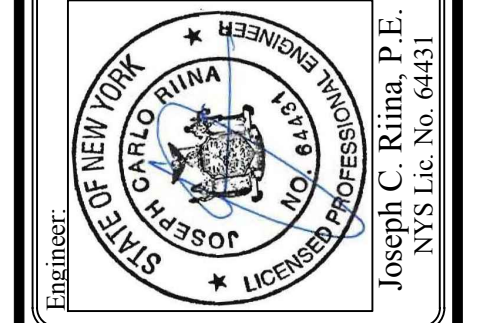
SW-3



D-6



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Revisions:

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2	1/22/18	ALT PLAN
3	2/14/18	REVISION ADDED
4	2/25/18	DEP COMMENTS
5	9/25/18	DEP COMMENTS
6	12/5/18	Lower Comments
7	1/9/19	Lower Comments

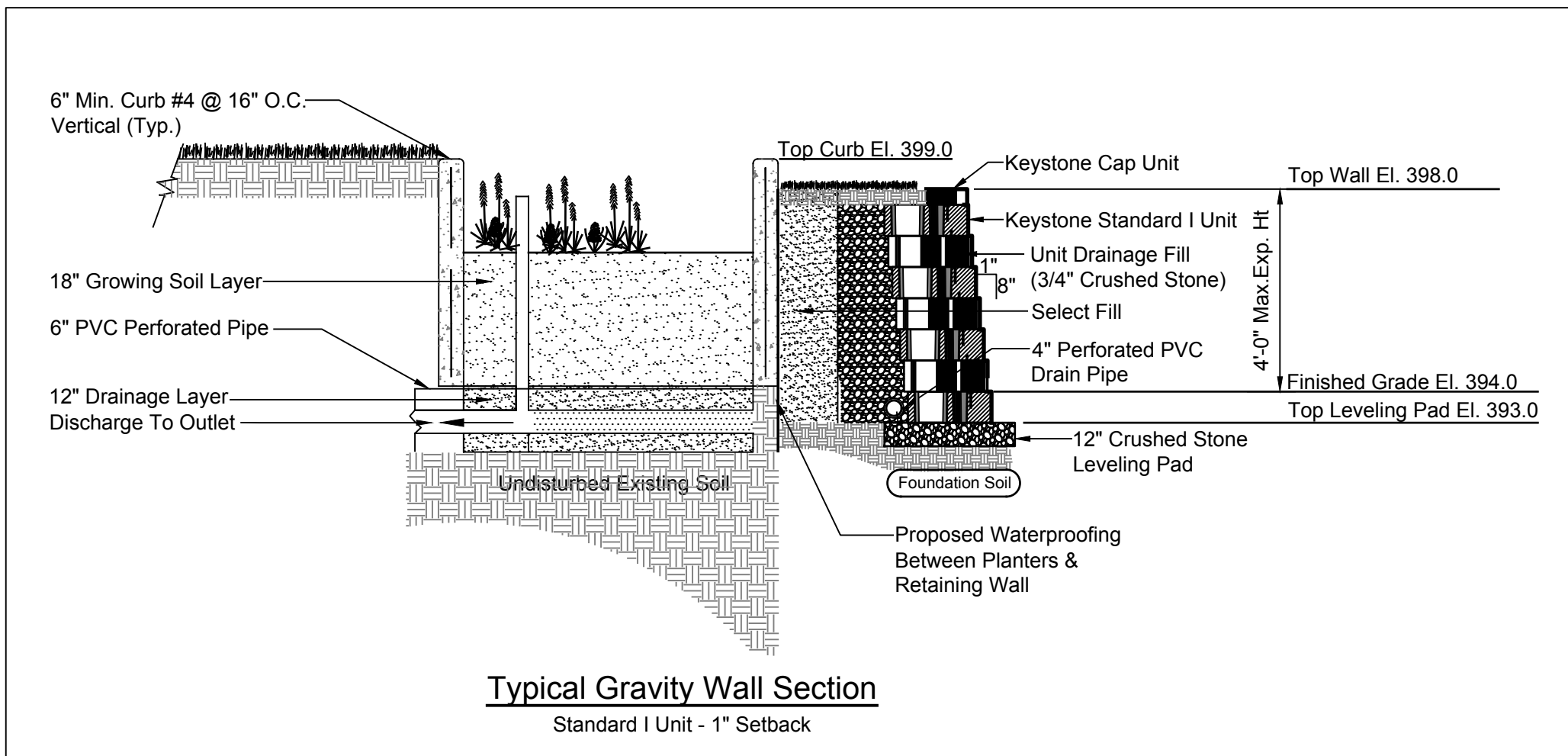
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DRAWN BY: TK
DATE: 7/18/18

STORMWATER DETAILS

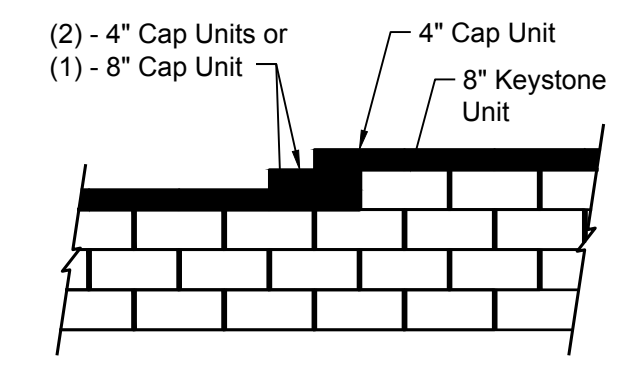
SITE PLAN PREPARED FOR
ENVIROGREEN ASSOCIATES
2040 GREENWOOD ST.
Town Of Yorktown
Westchester County, NY

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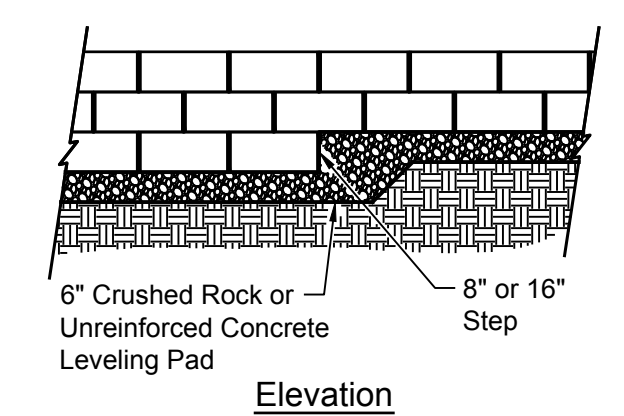


Typical Gravity Wall Section
Standard I Unit - 1" Setback

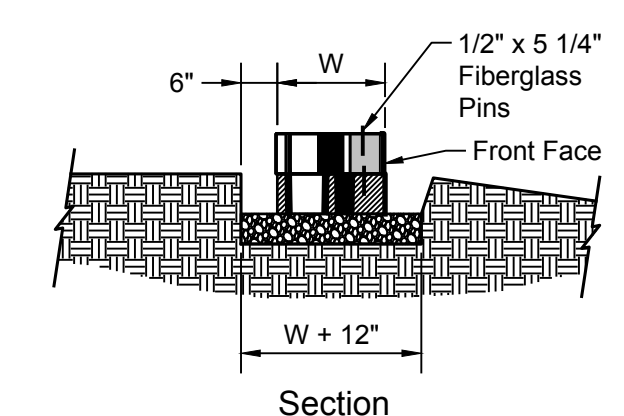


Note:
1. Secure all cap units with Keystone Kapseal or equal.

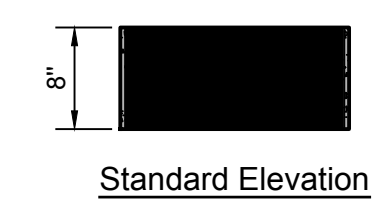
Top of Wall Steps



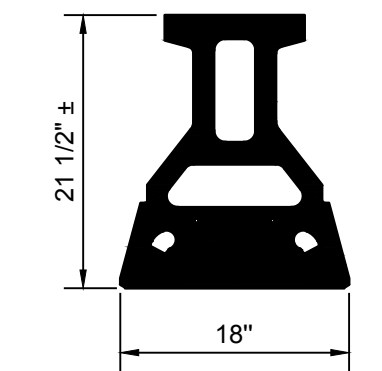
Note:
1. The leveling pad is to be constructed of crushed stone.



Leveling Pad Detail



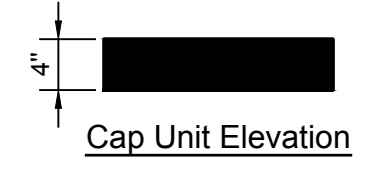
Standard Elevation



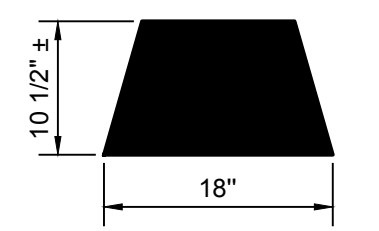
Standard Plan



Standard Unit
*Dimensions May Vary by Region



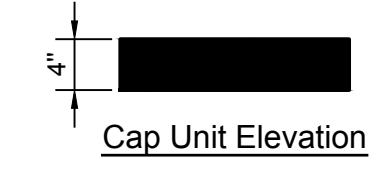
Cap Unit Elevation



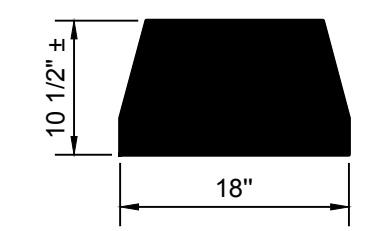
Cap Unit Plan



Universal Cap Unit Option
*Dimensions & Availability Will Vary by Region



Cap Unit Elevation



Cap Unit Plan



Straight Split Cap Unit Option
*Dimensions & Availability Will Vary by Region

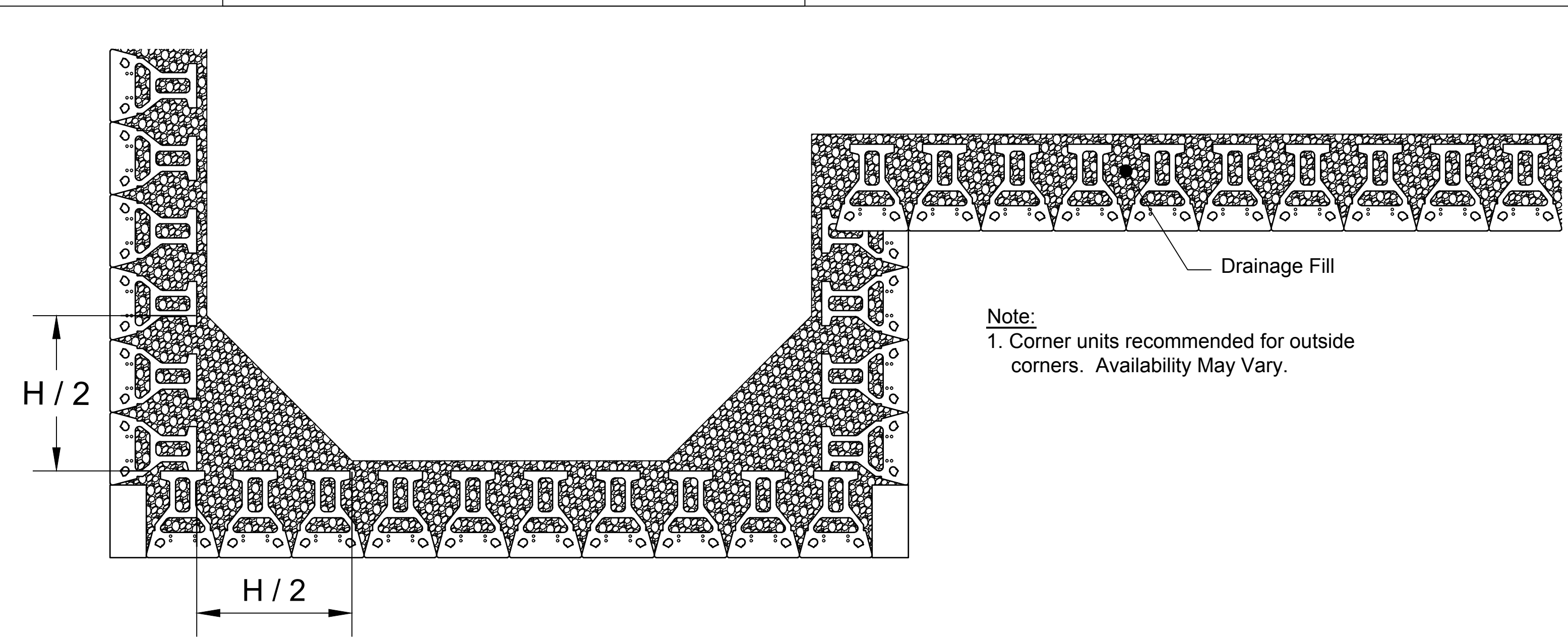
General Notes:

- ALL WORK ON THE PROJECT SHALL BE PERFORMED IN A WORKMAN LIKE MANNER AND SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE INDUSTRY. THE OWNER WILL BE THE SOLE JUDGE OF THE ACCEPTABILITY OF THE WORK. MATERIALS AND WORK DEEMED UNACCEPTABLE WILL BE REMOVED AND REDONE AT THE SOLE COST AND RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT HIS WORK AND WILL BE HELD RESPONSIBLE FOR CONSEQUENTIAL DAMAGES DUE TO HIS ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF HIS EMPLOYEES, AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY THE WORK UNDER A SEPARATE CONTRACT WITH THE CONTRACTOR.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY SHORE EXISTING UTILITIES & DECK IF REQUIRED BY CONSTRUCTION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE THE BUILDING INSPECTOR IN ADVANCE OF HIS WORK OR AS THE INSPECTOR DEEMS APPROPRIATE. ALL CONDITIONS, LOCATIONS AND DIMENSIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE OWNER/ENGINEER NOTIFIED IN WRITING OF ANY DISCREPANCIES PRIOR TO THE START OF WORK. THE OWNER/ENGINEER WILL EVALUATE THE SITUATION AND MODIFY THE PLAN AS NECESSARY.
- ALL CHANGES MADE TO THIS PLAN SHALL BE APPROVED BY THE ENGINEER'S WHOSE SEAL APPEARS ON THESE DRAWINGS.
- ALL WRITTEN DIMENSIONS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER ANY SCALED DIMENSIONS.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL VERIFY ALL SUBSTRUCTURES ENCOUNTERED DURING CONSTRUCTION.
- THE DESIGN ENGINEER DISCLAIMS ANY LIABILITY FOR DAMAGE OR LOSS INCURRED DURING OR AFTER CONSTRUCTION.
- THE CONTRACTOR SHALL SECURE & PAY FOR A BUILDERS RISK POLICY TO COVER THE PERIOD OF CONSTRUCTION. THE ENGINEER & OWNER SHALL BE NAMED AS ADDITIONAL INSURED. ALL CONTRACTORS EMPLOYED AT THE SITE SHALL BE COVERED BY WORKMAN'S COMPENSATION.
- ENGINEER'S WHOSE SEAL APPEARS HEREON HAS NOT BEEN RETAINED FOR SUPERVISION OF CONSTRUCTION. SUBSEQUENTLY, HE HIS NOT RESPONSIBLE FOR CONSTRUCTION AND THEREFORE ASSUMES NO RESPONSIBILITY FOR CONSTRUCTION PRACTICES, PROCEDURES, AND RESULTS THEREFROM.
- CONTRACTOR SHALL RESPECT 100' WETLAND CONTROL SETBACK, AND SHALL STAY WITHIN THE ORIGINAL LIMIT OF IMPROVEMENTS WITH PROPOSED STRUCTURES. ALL PRECAUTIONS SHALL BE TAKEN TO MINIMIZE DISTURBANCE WITHIN THE CONTROL AREA BY INSTALLING THE SEDIMENT EROSION CONTROL PRACTICES REQUIRED.

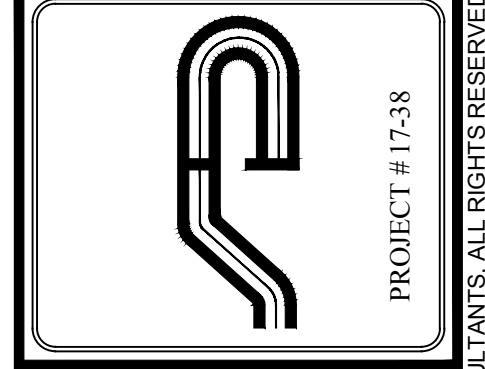
Wall Notes:

- THE CONTRACTOR SHALL PROVIDE PROPER SURFACE DRAINAGE DURING AND AFTER CONSTRUCTION TO MINIMIZE WATER INFILTRATION INTO THE REINFORCED SOIL ZONE.
- EXCAVATION IN GENERAL SHALL CONFORM TO THE LINES AND GRADES SHOWN ON THE CONTRACT DRAWINGS.
- SOILS USED AS BACKFILL AND UNIT DRAINAGE FILL SHALL CONSIST OF SOUND DURABLE PARTICLES TO THE GRADATION SHOWN IN THE TABLES BELOW. THE MATERIAL SHALL BE GRANULAR AND FREE OF ORGANIC OR OTHER DELETERIOUS MATERIAL. IN GENERAL THE SOIL SHALL BE NON- PLASTIC WITH A PLASTICITY INDEX LESS THAN 5 AND SHALL CONFORM TO THE AASHTO SOIL CLASSIFICATION SYSTEM FOR AN "A-1-a" SOIL. HOWEVER THE MAXIMUM SIZE SHALL BE AS SHOWN. IN GENERAL ALL FILL SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE. WET MATERIAL OR UNSUITABLE MATERIAL SHOULD NOT BE USED.
- IF ON-SITE EXCAVATED MATERIAL IS USED IT MUST CONFORM TO THE SAME MINIMUM REQUIREMENTS SPECIFIED.
- SOIL WITHIN THE REINFORCED ZONE SHALL BE PLACED IN LOOSE 8" LIFTS. EACH LIFT SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY A.S.T.M. D1557 METHOD C.
- EXCAVATION SHALL BE PERFORMED IN ACCORDANCE WITH THE "CONSTRUCTION SAFETY AND HEALTH ACT" (O.S.H.A.) PART 1926 SUB-PART P.
- GEOTEXTILE FABRIC SHALL BE TREVIRA SPUNBOUND NON-WOVEN #1125 OR APPROVED EQUAL. THE GEOTEXTILE SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS AND GUIDELINES.
- THE CONTRACTOR SHALL NOT USE LARGE OR HEAVY CONSTRUCTION EQUIPMENT WITHIN 5' OF THE RETAINING WALLS OR NEW GARAGE FOUNDATION WALL. HAND OPERATED COMPACTING EQUIPMENT SHALL BE USED WITHIN 5' OF THE WALL FACE.
- DURING BACKFILL OPERATIONS, THE CONTRACTOR SHALL BE CAREFUL NOT TO CREATE UNBALANCED LOADING CONDITIONS ON THE WALL. BACKFILL SHOULD BE PLACED AND COMPACTED ON BOTH SIDES OF THE WALL SIMULTANEOUSLY.
- THE SEGMENTAL WALL SYSTEM SHALL BE THE KEYSTONE RETAINING WALL SYSTEM.
- THE MODULAR BLOCK RETAINING WALL SYSTEM SHALL BE INSTALLED ACCORDING TO THE MANUFACTURES SPECIFICATION AND THE DESIGN AND CONSTRUCTION MANUAL.
- THE ENGINEER SHALL BE NOTIFIED OF UNSUITABLE SUB-GRADE SOILS.
- ALTERNATE WALL DESIGNS MUST BE SEALED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER THE MINIMUM FACTORS OF SAFETY FOR SLIDING AND OVERTURNING SHALL BE 2.0.

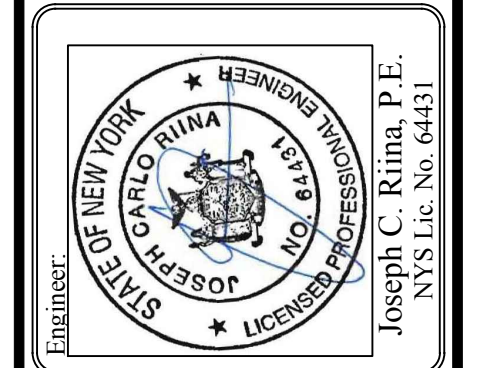
SELECT FILL		UNIT DRAINAGE FILL	
SIEVE SIZE	PERCENT PASSING BY WEIGHT	SIEVE SIZE	PERCENT PASSING BY WEIGHT
2"	100	1"	100
No. 10	50 MAX.	3/4"	75 - 100
No. 40	30 MAX.	No. 4	0 -10
No. 200	15 MAX.	No. 50	0 -5



Corner Details



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Revisions:	No.	Date	Comments
	1	1/8/17	ADD DETAILS
	2	1/22/18	ALT PLAN
	3	2/14/18	LEGEND ADDED
	4	9/25/18	DEP COMMENTS
	5	12/5/18	LOWEY COMMENTS
	6	1/9/19	LOWEY COMMENTS
	7		

SCALE: NTS
DRAWN BY: TC
DATE: 1/10/19

RETAINING WALL

SITE PLAN PREPARED FOR
ENVIROGREEN ASSOCIATES
2040 GREENWOOD ST.
Town Of Yorktown
Westchester County, NY

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