

P:\3300\13300\13311 - Engineering Services\Task 015 - Pitney Park\CADD\DWG\13311-001-T015-SPI.dwg SITE PLAN

**LEGEND**

- PROPOSED PERVIOUS PAVEMENT
- PROPOSED CURB
- PROPOSED DEPRESSED CURB
- PROPOSED CONCRETE
- PROPOSED REGULATORY SIGN
- EXISTING WOODED AREA TO REMAIN, SEE NOTE '4'

**NOTES:**

1. BOUNDARY & TOPOGRAPHIC INFORMATION SHOWN HEREON WAS TAKEN FROM A PLAN ENTITLED "BOUNDARY & PARTIAL TOPOGRAPHIC SURVEY FOR TOWNSHIP OF MENDHAM (PITNEY FARM), BLOCK 131.01 LOT 1, MENDHAM TOWNSHIP, MORRIS COUNTY, NEW JERSEY", PREPARED BY MASER CONSULTING, P.A., REDBANK, NJ, DATED 11/04/2006, LAST REVISED 11/18/2018. THE HORIZONTAL DATUM IS BASED ON NAD83, VERTICAL DATUM BASED ON NGVD88.
2. ANY UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON ABOVE GROUND OBSERVATIONS, UTILITY MARKINGS FOUND IN THE FIELD AND/OR INFORMATION SUPPLIED BY THE UTILITY COMPANIES. SINCE NO PHYSICAL LOCATION OF THE UNDERGROUND FACILITIES HAVE BEEN MADE BY THE UNDERSIGNED, NO GUARANTEE IS BEING MADE FOR THEIR COMPLETENESS OR ACCURACY.
3. NO DETERMINATION OF THE EXISTENCE OR NON-EXISTENCE OF WETLANDS OR TOXIC WASTE ON THE SUBJECT PROPERTY IS MADE HERE.
4. REFER TO PLANS ENTITLED "PITNEY PARK", PREPARED BY EDWARD CLARK, LANDSCAPE ARCHITECT, FOR HORIZONTAL LAYOUT DIMENSIONS, DETAILS OF REFERENCED ITEMS, IRRIGATION PLAN, PLANTING PLAN & TREATMENT DETAILS OF "EXISTING WOODED AREAS TO REMAIN".

No.	Date	Revision	Revised By	Checked By



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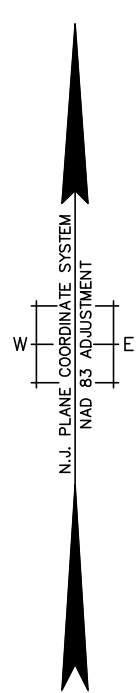
**SITE PLAN**  
 FOR  
**PITNEY PARK**  
 LOT 1.01 BLOCK 131.01

TOWNSHIP OF MENDHAM  
 MORRIS COUNTY NEW JERSEY

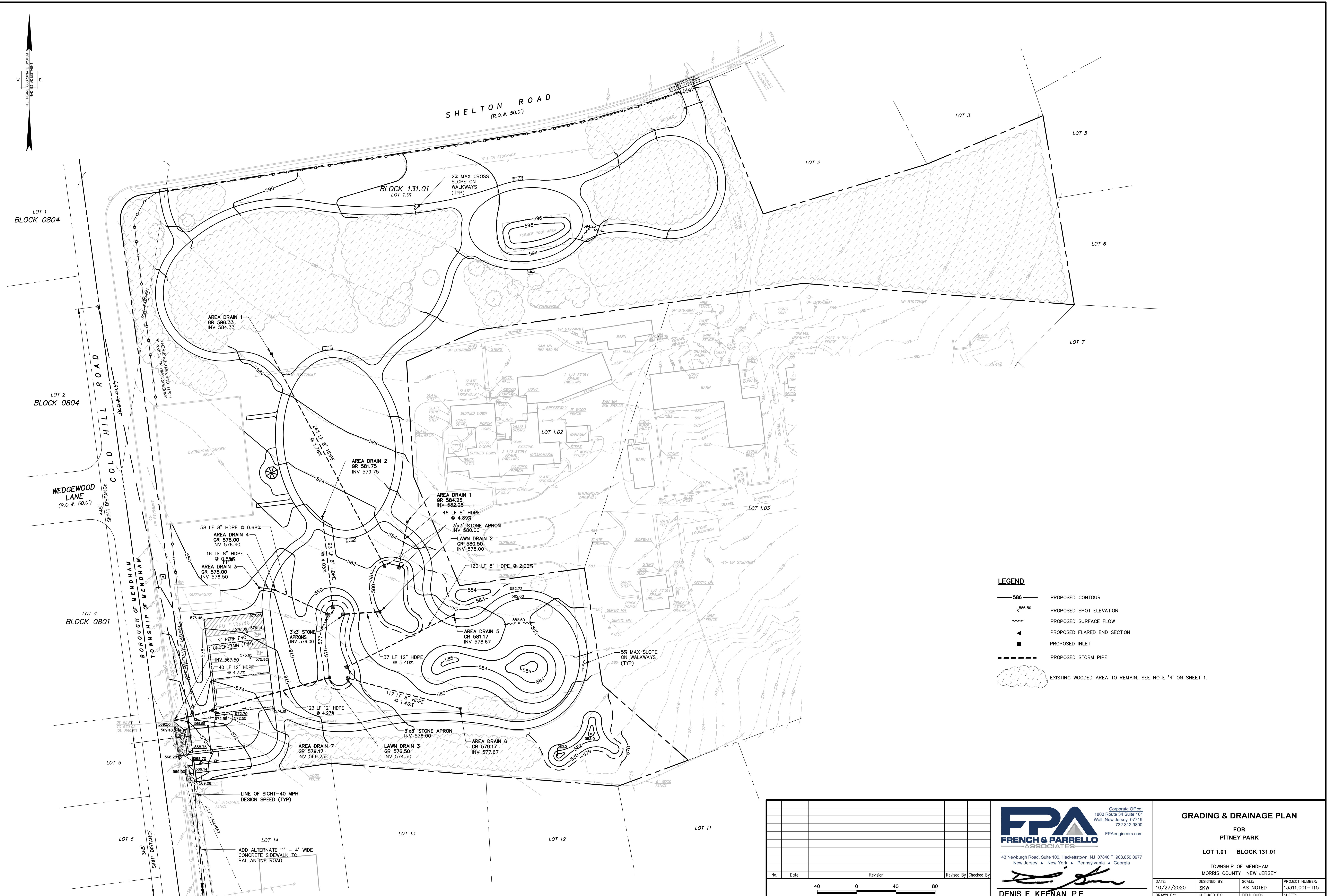
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SEE INSET FOR CONTINUATION





P:\3300\13311 - Mendham Twp Engineer\13311.001 - Engineering Services\Task 015 - Pitney Park\CADD\DWG\13311-001-T015-GR-UT-SCSI.dwg GRADING - DRAINAGE



- LEGEND**
- 586 PROPOSED CONTOUR
  - 586.50 PROPOSED SPOT ELEVATION
  - PROPOSED SURFACE FLOW
  - PROPOSED FLARED END SECTION
  - PROPOSED INLET
  - PROPOSED STORM PIPE
  - EXISTING WOODED AREA TO REMAIN, SEE NOTE '4' ON SHEET 1.

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**GRADING & DRAINAGE PLAN**

FOR  
**PITNEY PARK**

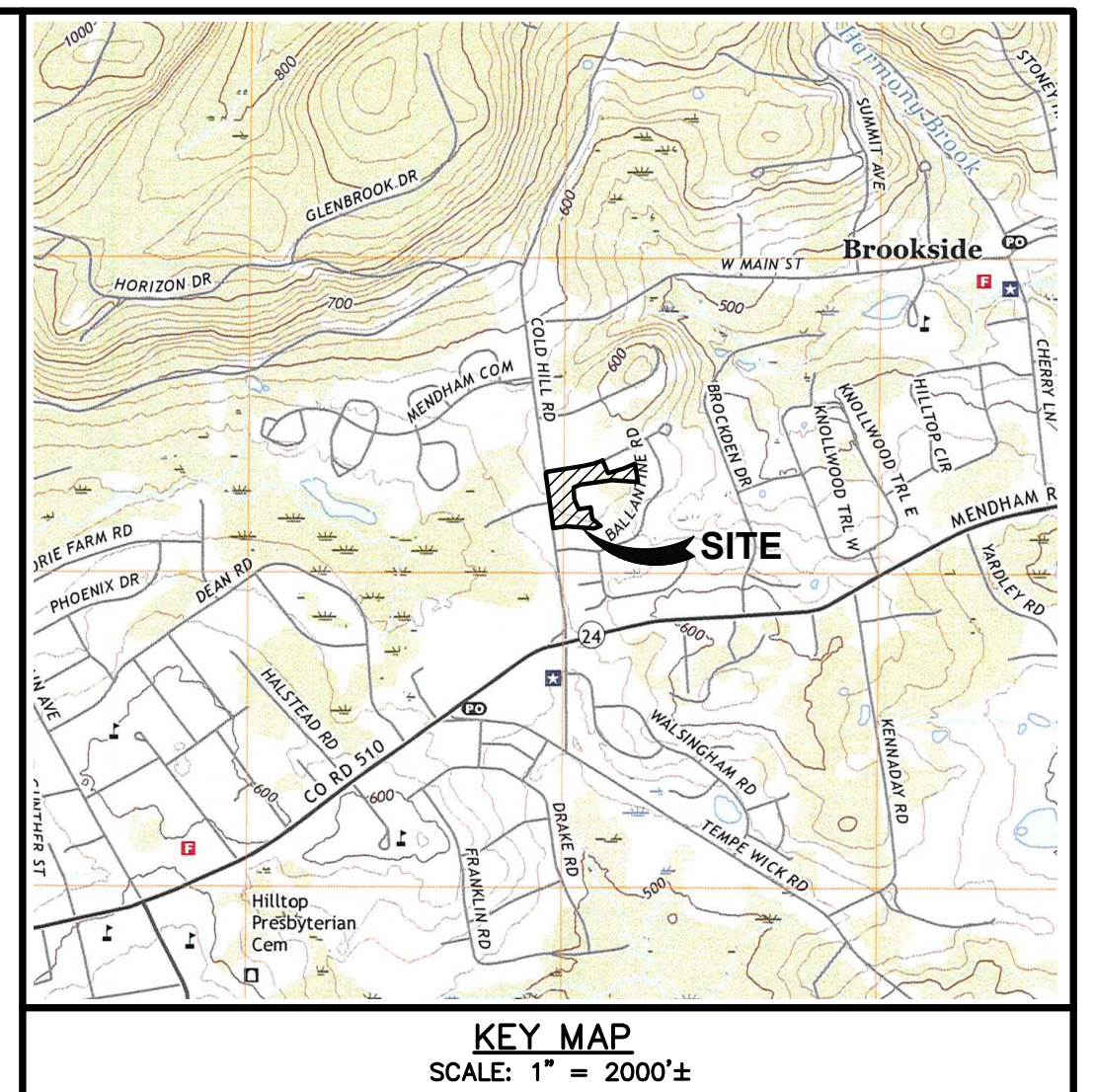
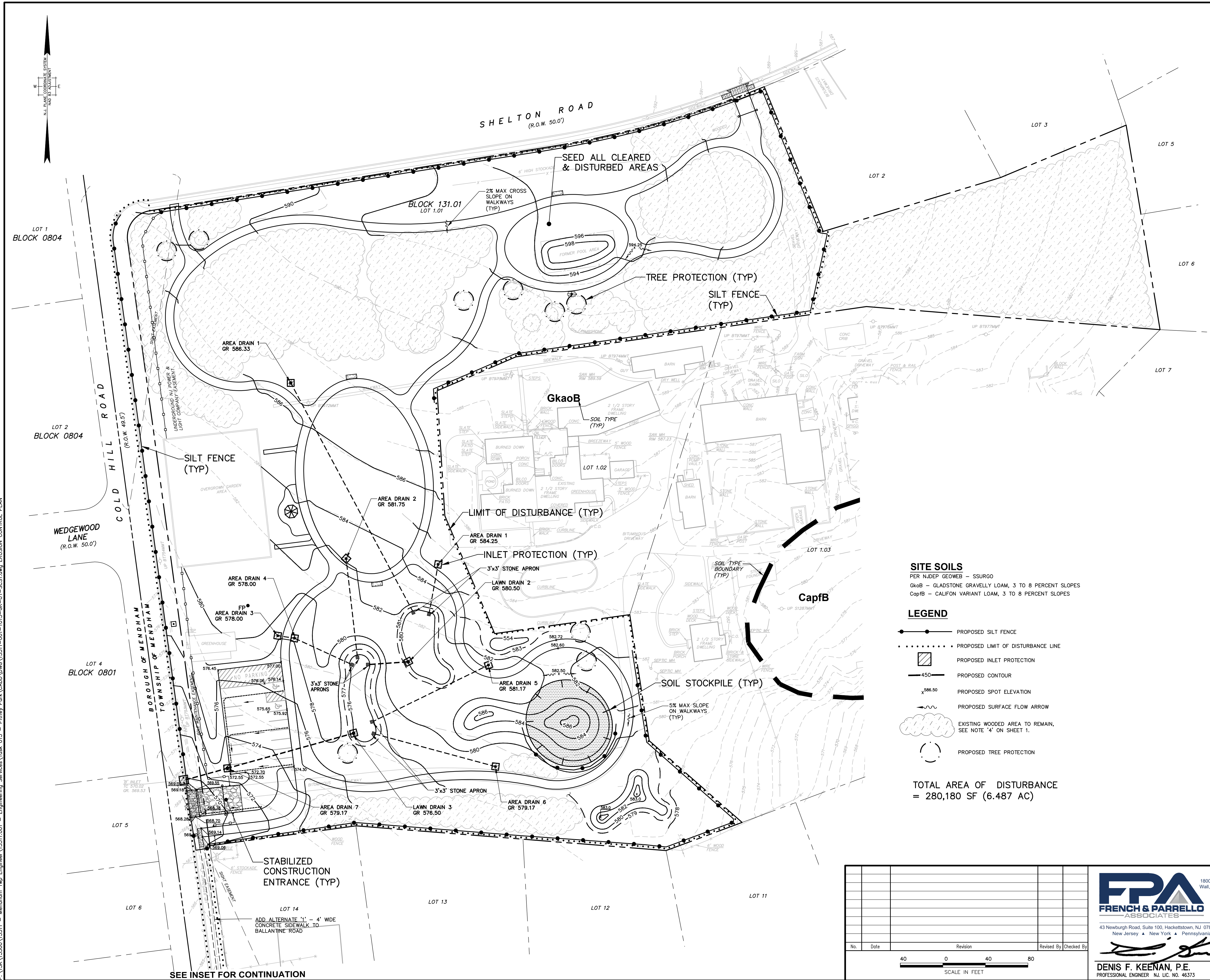
**LOT 1.01 BLOCK 131.01**

TOWNSHIP OF MENDHAM  
MORRIS COUNTY NEW JERSEY

DATE: 10/27/2020	DESIGNED BY: SKW	SCALE: AS NOTED	PROJECT NUMBER: 13311.001-T15
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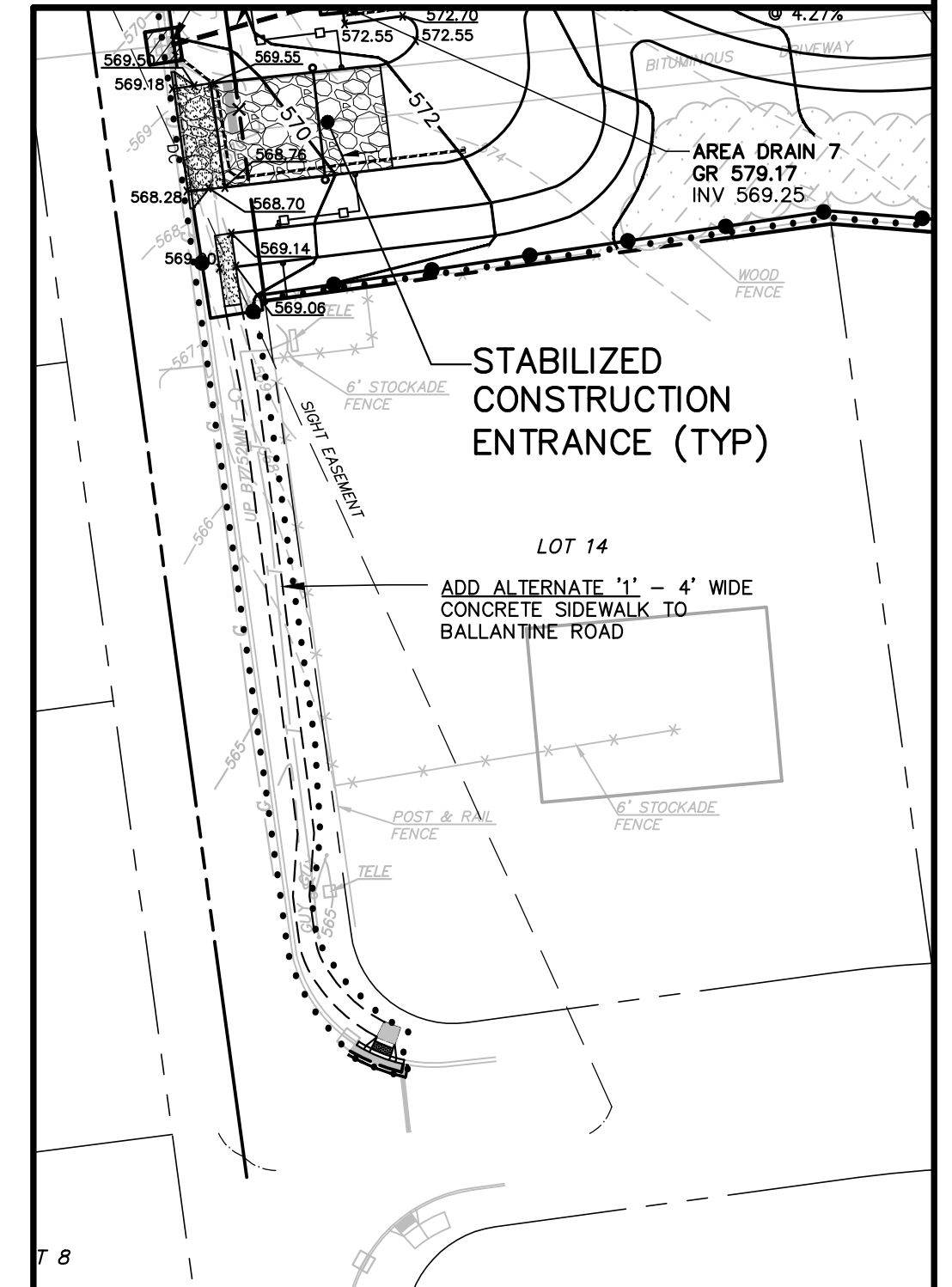




**SITE SOILS**  
 PER NJDEP GEOWEB - SSURGO  
 GkaoB - GLADSTONE GRAVELLY LOAM, 3 TO 8 PERCENT SLOPES  
 CapfB - CALIFON VARIANT LOAM, 3 TO 8 PERCENT SLOPES

- LEGEND**
- PROPOSED SILT FENCE
  - ..... PROPOSED LIMIT OF DISTURBANCE LINE
  - ▣ PROPOSED INLET PROTECTION
  - 450— PROPOSED CONTOUR
  - 586.50 PROPOSED SPOT ELEVATION
  - PROPOSED SURFACE FLOW ARROW
  - ☁ EXISTING WOODED AREA TO REMAIN, SEE NOTE '4' ON SHEET 1.
  - PROPOSED TREE PROTECTION

TOTAL AREA OF DISTURBANCE  
 = 280,180 SF (6.487 AC)



**INSET**  
 ADD ALTERNATE "1"  
 1"=40'

**SOIL EROSION & SEDIMENT CONTROL PLAN**  
 FOR  
 PITNEY PARK  
 LOT 1.01 BLOCK 131.01  
 TOWNSHIP OF MENDHAM  
 MORRIS COUNTY NEW JERSEY

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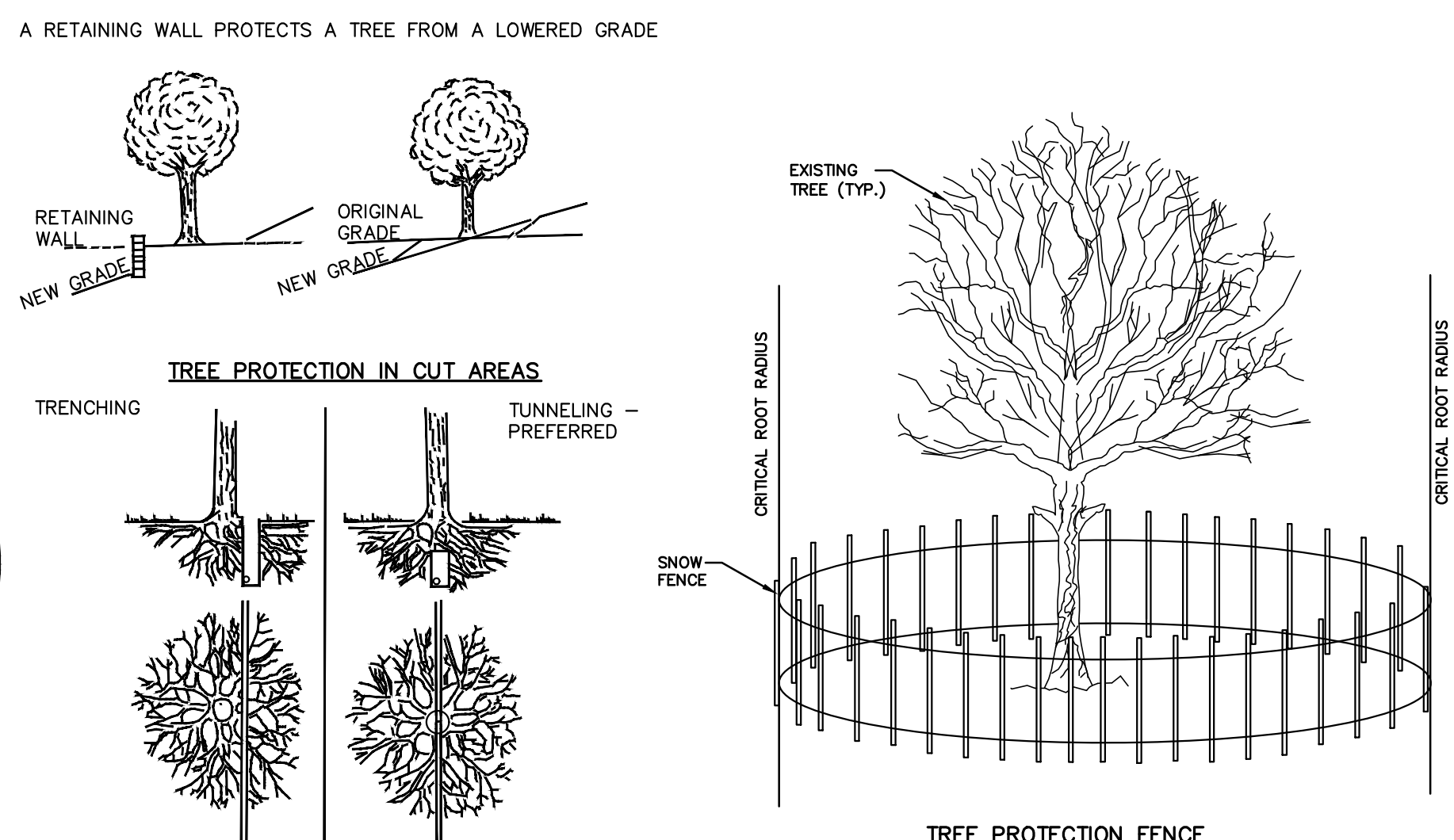
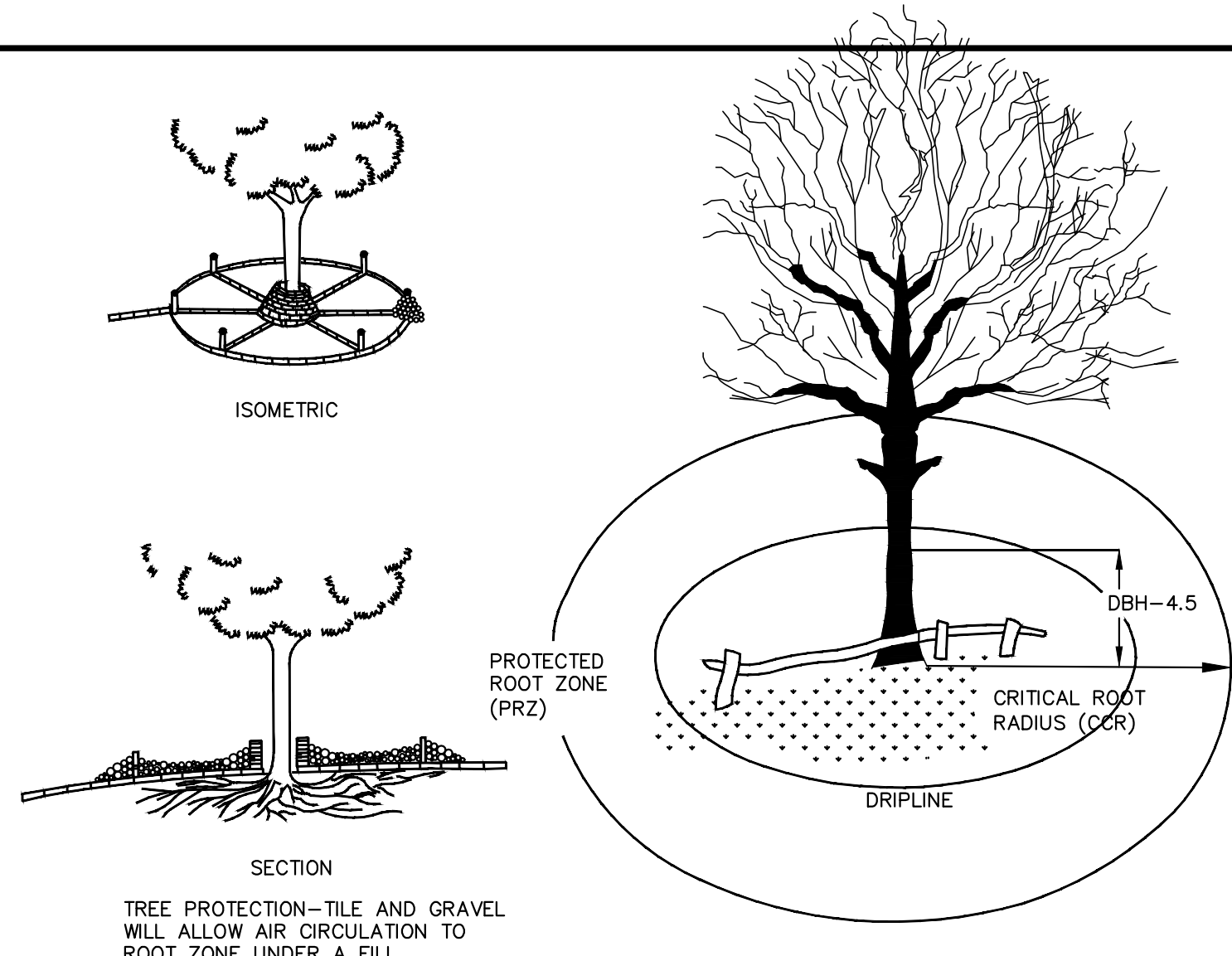
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P:\3300\13311 - Engineering Services\Task 015 - Pitney Park\CADD\DWG\13311-001-GR-UT-SCSI.dwg EROSION CONTROL PLAN  
 P:\3300\13311 - Mendham Twp Engineer\13311.001 - Engineering Services\Task 015 - Pitney Park\CADD\DWG\13311-001-GR-UT-SCSI.dwg EROSION CONTROL PLAN

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P:\3300\13311\13311\_001 - Pitney Park CADD.DWG\13311-001-1015-GR-UT-SCSI.dwg EROSION CONTROL DETAILS



UTILITIES SHOULD BE TUNNELED BENEATH TREE ROOTS. THE DRAWINGS ON THE LEFT SHOW TRENCHING THAT WOULD PROBABLY KILL THE TREE. THE DRAWINGS ON THE RIGHT SHOW HOW TUNNELING UNDER THE TREE WILL PRESERVE MANY OF THE IMPORTANT FEEDER ROOTS.

**TREE PROTECTION-UNDERGROUND UTILITY INSTALLATION**

**TREE PROTECTION IN FILL AREAS ROOT PROTECTION DURING CONSTRUCTION GUIDE**

ESTIMATE A TREE'S PROTECTED ROOT ZONE (PRZ) BY CALCULATING THE CRITICAL ROOT RADIUS (CRR).

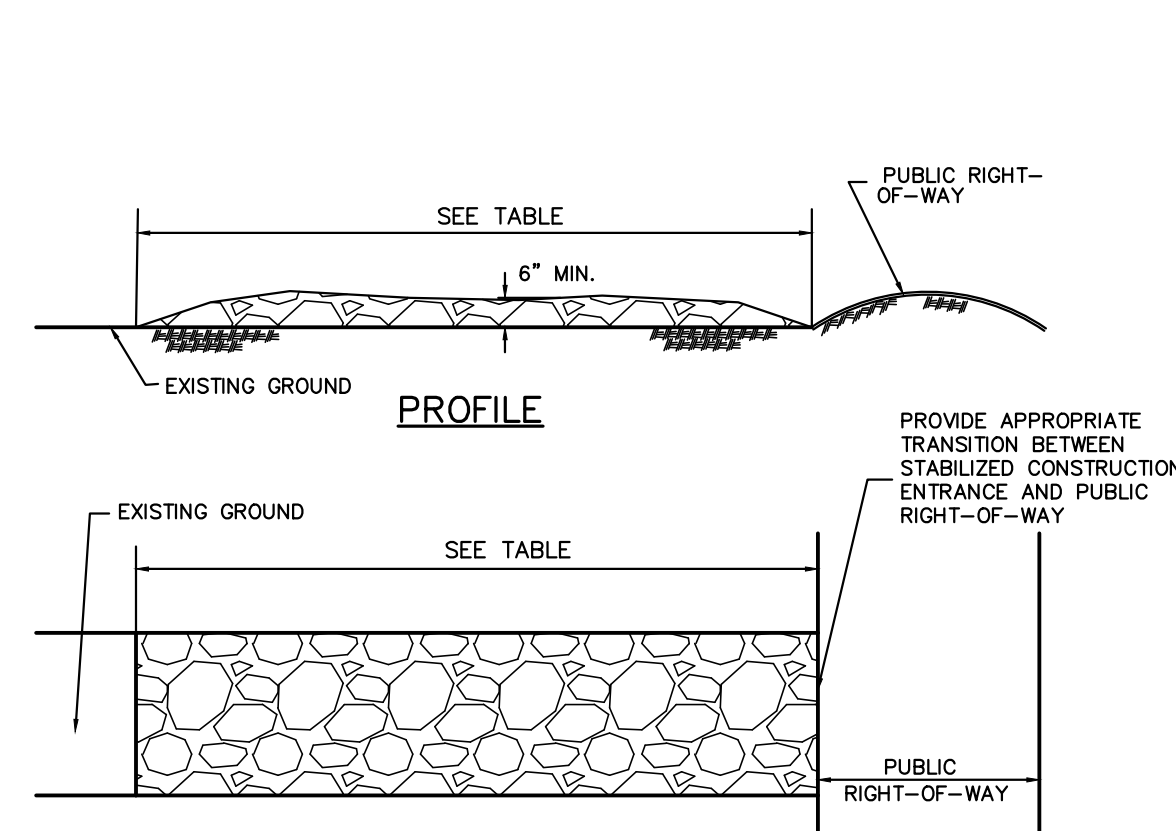
- MEASURE THE DBH (DIAMETER OF TREE AT BREAST HEIGHT, 4.5 FEET ABOVE GROUND ON THE UPHILL SIDE OF THE TREE) IN INCHES.
- MULTIPLY MEASURED DBH BY 1.5 OR 1.0. EXPRESS THE RESULT IN FEET.
- DBH x 1.5: CRITICAL ROOT RADIUS FOR OLDER, UNHEALTHY, OR SENSITIVE SPECIES.
- DBH x 1.0: CRITICAL ROOT RADIUS FOR YOUNGER, HEALTHY OR TOLERANT SPECIES.

**NOTES:**

- TREE PROTECTION SHALL BE PROVIDED FOR ANY AND ALL TREES TO BE PRESERVED DURING AND AFTER CONSTRUCTION AND IN ACCORDANCE WITH STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY. THE CONTRACTOR SHALL TAKE WHATEVER ADDITIONAL MEASURES NECESSARY TO PROTECT EXISTING TREES TO REMAIN AGAINST UNNECESSARY CUTTING, BREAKING OR SKINNING OF BARK, SKINNING AND BRUISING OF BARK, SMOTHERING OF TREES AND STOCKPILING CONSTRUCTION MATERIALS OR EXCAVATED MATERIAL WITHIN DRIP LINE, EXCESS FOOT OR VEHICLE TRAFFIC OR PARKING OF VEHICLES WITHIN DRIP LINE.
- A FOUR FOOT HIGH SNOW FENCE SHALL BE PLACED BEYOND THE CRITICAL ROOT RADIUS OF TREES DESIGNATED TO BE PRESERVED, TREE ROOT SYSTEMS COMMONLY EXTEND WELL BEYOND THE DRIP LINE. INDIVIDUAL TREES TO BE PRESERVED SHALL BE COMPLETELY ENCLOSED WITH FENCING.
- BOARDS OR FENCING SHALL NOT BE NAILED TO TREES DURING CONSTRUCTION.
- FEEDER ROOTS SHOULD NOT BE CUT IN AN AREA INSIDE THE PROTECTED ROOT ZONE (PRZ).
- DAMAGED TRUNKS OR EXPOSED ROOTS SHOULD HAVE DAMAGED BARK REMOVED IMMEDIATELY AND NO PAINT SHALL BE APPLIED. EXPOSED ROOTS SHALL BE PRUNED TO GIVE A CLEAN, SHARP, SURFACE AMENABLE TO HEALING. ROOTS EXPOSED DURING HOT WEATHER SHOULD BE IRRIGATED TO PREVENT PERMANENT TREE INJURY. CARE FOR SERIOUS INJURY SHOULD BE PRESCRIBED BY A PROFESSIONAL FORESTER OR LICENSED TREE EXPERT.
- TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE AS NATURAL TARGET PRUNING TO REMOVE THE DESIRED BRANCH AS CLOSE AS POSSIBLE TO THE BRANCH COLLAR. THERE SHOULD BE NO FLUSH CUTS. FLUSH CUTS DESTROY A MAJOR DEFENSE SYSTEM OF THE TREE. NO TREE PAINT SHALL BE APPLIED. ALL CUTS SHALL BE MADE AT THE OUTSIDE EDGE OF THE BRANCH COLLAR. CUTS MADE TOO FAR BEYOND THE BRANCH COLLAR MAY LEAD TO EXCESS SPROUTING, CRACKS, AND ROT. REMOVAL OF A "V" CROTCH SHOULD BE CONSIDERED FOR FREE STANDING SPECIMEN TREES TO AVOID FUTURE SPLITTING DAMAGE.
- EXISTING TREES TO REMAIN WITHIN THE LIMITS OF THE CONTRACT WORK SHALL BE REGULARLY WATERED TO MAINTAIN THEIR HEALTH.
- UTILITIES SHALL BE TUNNELED UNDER TREES TO PREVENT CUTTING OF IMPORTANT FEEDER ROOTS.

**TREE PROTECTION DETAIL**

NOT TO SCALE



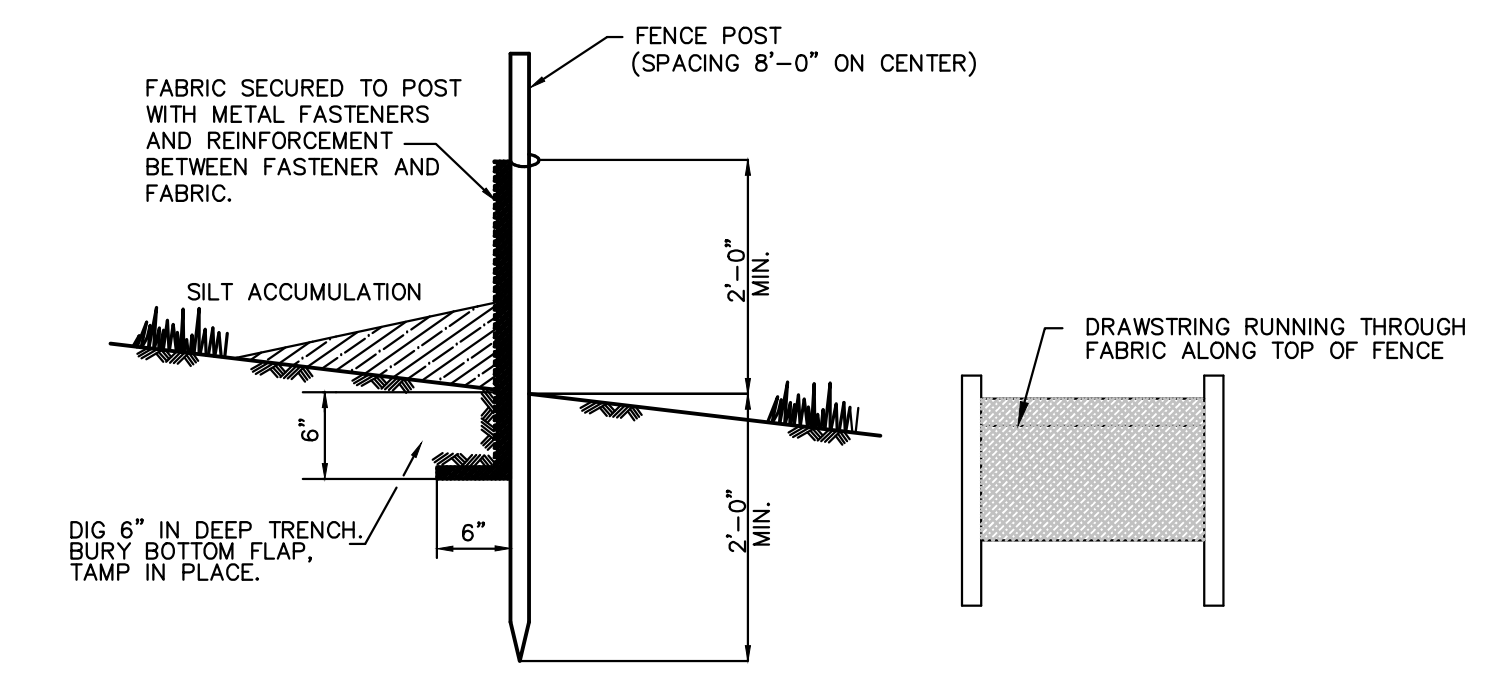
PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COURSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FEET	100 FEET
2% TO 5%	100 FEET	200 FEET
> 5%	ENTIRE SURFACE STABILIZED WITH FABR CURE COURSE, AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNING AUTHORITY	

**CONSTRUCTION SPECIFICATIONS**

- STONE SIZE - USE ASTM C-33, SIZE NO. 2 OR 3. USE CLEAN CRUSHED ANGULAR STONES
- LENGTH - 50 FEET MINIMUM WHERE SOILS ARE COURSE GRAINED (SAND OR GRAVEL), OR 100 FEET MINIMUM WHERE SOILS ARE FINE GRAINED (CLAYS OR SILTS)
- THICKNESS - NOT LESS THAN 6 INCHES.
- WIDTH - NOT LESS THAN FULL WIDTH OF INGRESS OR EGRESS.
- WASHING - WHEN NECESSARY, 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 CRUSHED STONE WHICH DRAIN INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATER COURSE THROUGH USE OF SAND BAGS, GRAVEL, BOARDS, OR OTHER APPROVED METHODS.
- 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 CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
- AT POORLY DRAINED LOCATIONS, SUBSURFACE DRAINAGE SHALL BE INSTALLED BEFORE INSTALLATION.
- A CONSTRUCTION ENTRANCE IS REQUIRED TO BE CONSTRUCTED AT EDGE OF PAVEMENT BETWEEN EACH CONSTRUCTED SECTION AND PHASE.

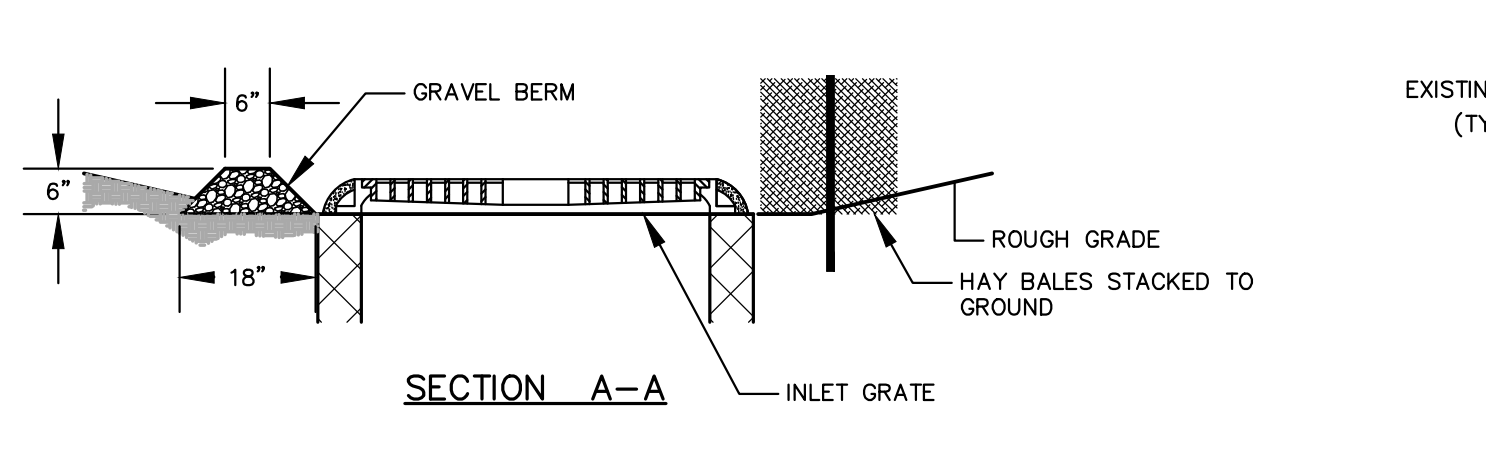
**STABILIZED CONSTRUCTION ENTRANCE**

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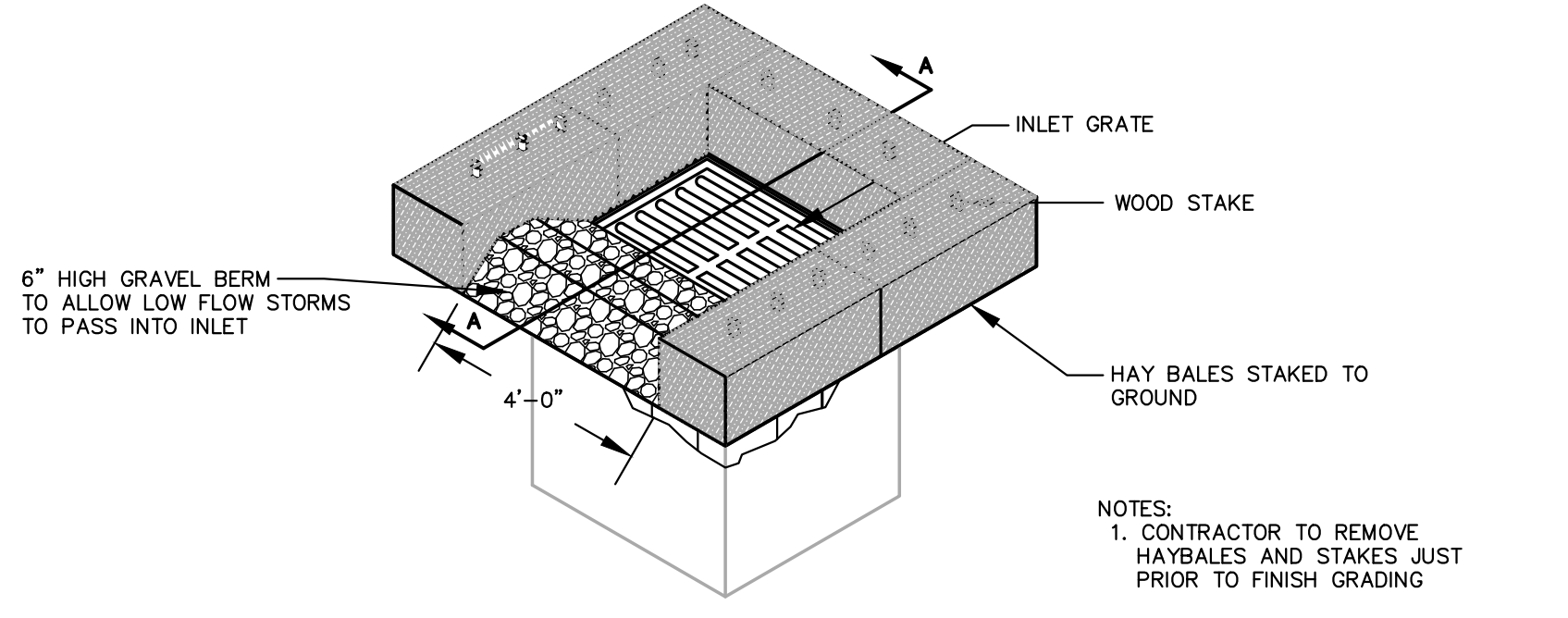
**SILT FENCE**

NOT TO SCALE



**LAWN TYPE INLET FILTER PROTECTION**

NOT TO SCALE



**CONSTRUCTION SCHEDULE AND PROCEDURE FOR IMPLEMENTATION OF SOIL EROSION AND SEDIMENT CONTROL MEASURES**

- INSTALL STABILIZED CONSTRUCTION ENTRANCE, SILT FENCE, & INLET PROTECTION AS SHOWN. (1 WEEK)
- STRIP TOPSOIL, CLEAR BRUSH, ROUGH GRADE, & PREPARE SUBGRADE. INSTALL STORM SEWER STRUCTURES & BASINS. (6 WEEKS)
- INSTALL INLET PROTECTION ON PROPOSED INLETS (3 DAYS)
- INSTALL IRRIGATION SYSTEM & APPURTENANCES. (3 WEEKS)
- INSTALL PAVED WALKWAYS & PARKING AREA (3 WEEKS)
- GRADE SITE PRIOR TO TOPSOIL PLACEMENT (1 WEEK)
- DEEP SCARIFY SITE IN ACCORDANCE WITH SOIL COMPACTION NOTES (3 DAYS)
- ESTABLISH FINISHED GRADE, SPREAD TOPSOIL AND PROVIDE PERMANENT VEGETATIVE COVER & LANDSCAPING. (2 WEEKS)
- REMOVE INLET PROTECTION AND SILT FENCE AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED. (ON GOING)

CONSTRUCTION SCHEDULE PROVIDED FOR SOIL EROSION CONTROL PURPOSES ONLY.

**GENERAL SEEDING NOTES:**

- STEPS SHALL BE TAKEN TO MINIMIZE SOIL COMPACTION. ALL COMPACTED AREAS SHALL BE RE-TILLED TO A DEPTH OF 4-6 INCHES PRIOR TO SEED APPLICATION.
- SEED SHALL BE PLANTED USING A SLIT SEEDER OR SEED DRILL. HYDRO SEEDING IS NOT ACCEPTABLE EXCEPT ON STEEP SLOPES.
- ALL SEED SHALL BE CURRENT CROP CERTIFIED. APPROVED BY THE TOWNSHIP OR FRENCH & PARRELO.

**SOIL COMPACTION NOTES:**

- PRIOR TO PLACEMENT OF TOPSOIL & ESTABLISHMENT OF PERMANENT COVER, CONTRACTOR SHALL PROVIDE SOIL RESTORATION IN ACCORDANCE WITH "THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY", LATEST EDITION. RESTORATION SHALL BE THROUGH DEEP SCARIFICATION/TILLAGE (6" MIN DEPTH) OR IN THE ALTERNATIVE, ANOTHER METHOD AS APPROVED BY THE ENGINEER

**DUST CONTROL NOTES:**

REFER TO "THE STANDARDS FOR SOIL EROSION & SEDIMENT CONTROL IN NEW JERSEY", LATEST ADDITION FOR REFERENCE

The following methods should be considered for controlling dust:

- Mulches - See Standard for Stabilization with Mulches Only (pg. 5-1)
- Vegetative Cover - See Standard for Temporary Vegetative Cover (pg. 7-1), Permanent Vegetative Cover for Soil Stabilization (pg. 4-1), and Permanent Stabilization with Sod (pg. 6-1)
- Gravel-On Adhesives - On mineral soils (not effective on muck soils). Keep traffic off these areas.

Table 16-1: Dust Control Materials

MATERIAL	WATER DILUTION	TYPE OF NOZZLE	APPLY GALLONS/ACRE
Anticolic asphalt emulsion	7:1	Coarse Spray	1200
Latex emulsion	12.5:1	Fine Spray	235
Resin in water	4:1	Fine Spray	300
Polycrylamide (PAM) - spray on		Apply according to manufacturer's instructions. May also be used as an additive to sediment basins to flocculate and precipitate suspended solids. See Sediment Basin standard (pg. 26-1)	
Acidulated Soy Bean Soap Stick	None	Coarse Spray	1200

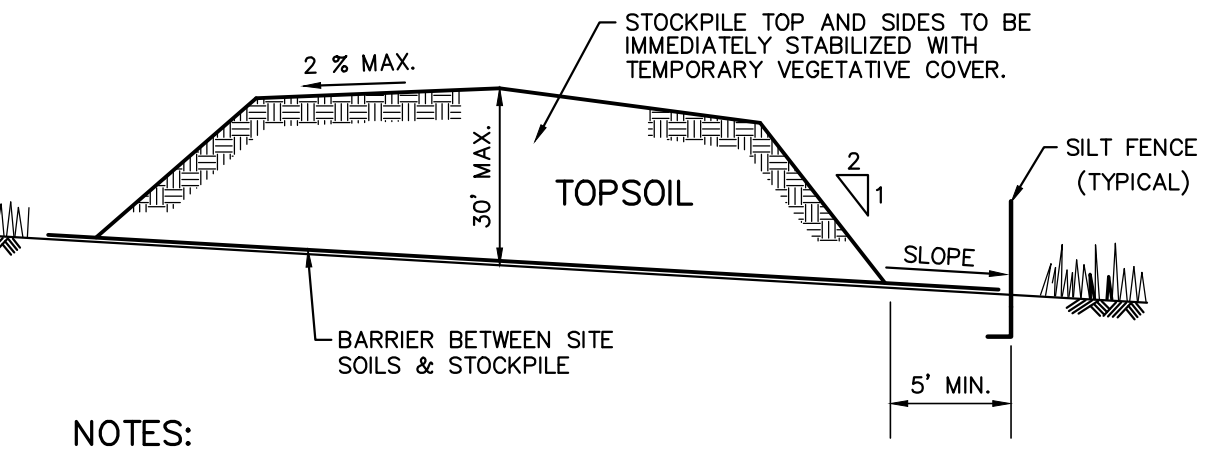
**Tillage** - To roughen surface and bring clods to the surface. This is a temporary emergency measure which should be used before soil blowing starts. Begin plowing on windward side of site. Chisel-type plows spaced about 12 inches apart, and spring-toothed harrows are examples of equipment which may produce the desired effect.

**Spinkling** - Site is sprinkled until the surface is wet.

**Barriers** - Solid board fences, snow fences, burlap fences, crate walls, bales of hay, and similar material can be used to control air currents and soil blowing.

**Calcium Chloride** - Shall be in the form of loose, dry granulates of flakes fine enough to feed through commonly used spreaders at a rate that will keep surface moist but not cause pollution or plant damage. If used on steeper slopes, then use other practices to prevent washing into streams, or accumulation around plants.

**Stone** - Cover surface with crushed stone or coarse gravel.



**NOTES:**

- TOPSOIL STOCKPILES TO BE PLACED AS DETERMINED IN THE FIELD.
- STOCKPILE NOT TO BE PLACED IN AREA WITH CONCENTRATED FLOW, WETLANDS, EXTREME SLOPE OR WITHIN 100' OF A NATURAL FLOW.

**TEMPORARY SOIL STOCKPILE**

NOT TO SCALE

No.	Date	Revision	Revised By	Checked By

SCALE IN FEET

**MORRIS COUNTY SOIL CONSERVATION DISTRICT SOIL EROSION AND SEDIMENT CONTROL NOTES**

- All Soil Erosion and Sediment Control Practices will be installed in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey, and will be in place prior to any major soil disturbance, or in their proper sequence and maintained until permanent protection is established.
- Any disturbed area that will be left exposed for more than thirty (14) days and not subject to construction traffic shall immediately receive a temporary seeding. If the season prohibits temporary seeding, the disturbed areas will be mulched with straw or hay and tacked in accordance with the New Jersey Standards. See Note 22 below.
- Permanent vegetation is to be established on exposed areas within ten (10) days after final grading. Mulch is to be used for protection until vegetation is established. See Note 23 below.
- Immediately following initial disturbance or rough grading. All critical areas (steep slopes, sandy soils, wet conditions) subject to erosion will receive a temporary seeding in accordance with Note 22 below.
- Temporary Diversion Berms are to be installed on all cleared roadways and easement areas. See the Diversion Detail.
- Permanent Seeding and stabilization to be in accordance with the "Standards for Permanent Vegetative Cover for Soil Stabilization". Specified rates and locations shall be on the approved Soil Erosion and Sediment Control Plan.
- The site shall at all times be graded and maintained so that all stormwater runoff is diverted to Soil Erosion and Sediment Control facilities.
- All sedimentation structures (silt fence, inlet filters, and sediment basins) will be inspected and maintained daily.
- Stockpiles shall not be located within 50' of a floodplain, slope, drainage facility, or roadway. All stockpiles bases shall have a silt fence properly entrenched at the toe of slope.
- A Stabilized Construction Access will be installed, whenever an earthen road intersects with a paved road. See the Stabilized Construction Access detail and chart for dimensions.
- All new roadways will be treated with suitable subbase upon establishment of final grade elevations.
- Paved roadways must be kept clean at all times.
- Before discharge points become operational, all storm drainage outlets will be stabilized as required.
- All dewatering operations must be discharged directly into a sediment filter area. The filter should be composed of a fabric or approved material. See the Dewatering detail.
- All sediment basins will be cleaned when the capacity has been reduced by 50%. A clean out elevation will be identified on the plan and a marker installed on the site.
- During and after construction, the applicant will be responsible for the maintenance and upkeep of the drainage structures, vegetation cover, and any other measures deemed appropriate by the District. Said responsibility will end when completed work is approved by the Morris County Soil Conservation District.
- All trees outside the disturbance limit indicated on the subject plan or those trees within the disturbance area which are designated to remain after construction are to be protected with tree protection devices. See the Tree Protection detail.
- The Morris County Soil Conservation District may request additional measures to minimize on site or off site erosion problems during construction.
- The Morris County Soil Conservation District must be notified, in writing, at least 48 hours prior to any land disturbance, and a pre-construction meeting held.
- Contractor to set up a meeting with the inspector for periodic inspections of the Temporary Sediment Basin prior to and during its construction.
- Topsoil Stockpile Protection  
Apply Ground Limestone at a rate of 90 lbs per 1000 sq. ft.  
Apply fertilizer (10-20-10) at a rate of 11 lbs. per 1000 sq. ft.  
Apply Perennial Ryegrass seed at 1 lb. per 1000 sq. ft.  
Mulch stockpile with straw or hay at a rate of 90 lbs. per 1000 sq. ft.  
Apply a liquid mulch binder or tack to straw or hay mulch.  
Property entrench a silt fence at the bottom of the stockpile.
- Temporary Stabilization Specifications  
Apply Ground Limestone at a rate of 90 lbs per 1000 sq. ft.  
Apply fertilizer (10-20-10) at a rate of 11 lbs. per 1000 sq. ft.  
Apply Perennial Ryegrass seed at 1 lb. per 1000 sq. ft.  
Mulch disturbed soil with straw or hay at a rate of 90 lbs. per 1000 sq. ft.  
Apply a liquid mulch binder or tack to straw or hay mulch.
- Permanent Stabilization Specifications  
Apply topsoil to a depth of 5 inches (unsettled).  
Apply Ground Limestone at a rate of 90 lbs per 1000 sq. ft. and work four inches into soil.  
Apply fertilizer (10-20-10) at a rate of 11 lbs. per 1000 sq. ft.  
Apply Hard Fescue seed at 2.7 lbs. per 1000 sq. ft. and Creeping Red Fescue seed at 0.7 lbs. per 1000 sq. ft. and Perennial Ryegrass seed at 0.25 lbs. per 1000 sq. ft.  
Mulch stockpile with straw or hay at a rate of 90 lbs. per 1000 sq. ft.  
Apply a liquid mulch binder or tack to straw or hay mulch.

\*NOTE: 48 HOURS PRIOR TO ANY SOIL DISTURBANCE, NOTICE IN WRITING, SHALL BE GIVEN TO THE MORRIS COUNTY SOIL CONSERVATION DISTRICT AND A PRE-CONSTRUCTION MEETING HELD.

**MORRIS COUNTY SOIL CONSERVATION DISTRICT NOTES FOR ROAD WORK**

- The Contractor shall prepare a plan for the proper dewatering of each stream crossing prior to excavating the stream bed. Plan shall be forwarded to the engineer and Morris County Soil Conservation District for approval. The District shall be notified for inspection prior to each stream crossing construction.
- Any areas used for the Contractor's staging, including but not limited to, temporary storage of stockpiled materials (e.g. crushed stone, quarry process stone, select fill, excavated materials, etc.) shall be entirely protected by a silt fence along the low elevation side to control sediment runoff.
- Prior to construction, the contractor shall be responsible for notifying the Morris County Soil Conservation District of any staging and/or stockpile location areas and for obtaining a Soil Erosion and Sediment Control Certification for these areas.
- A crushed stone, vehicle wheel-cleaning blanket shall be installed at the Contractor's staging yard and/or stockpile areas to prevent off-site tracing of sediment by construction vehicles onto public roads. Blanket shall be 15' x 50' x 6" (minimum), crushed stone 2-1/2" in diameter. Solid blanket shall be underlain with a suitable synthetic sediment filter fabric and maintained in good order.



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**SOIL EROSION & SEDIMENT CONTROL NOTES & DETAILS**

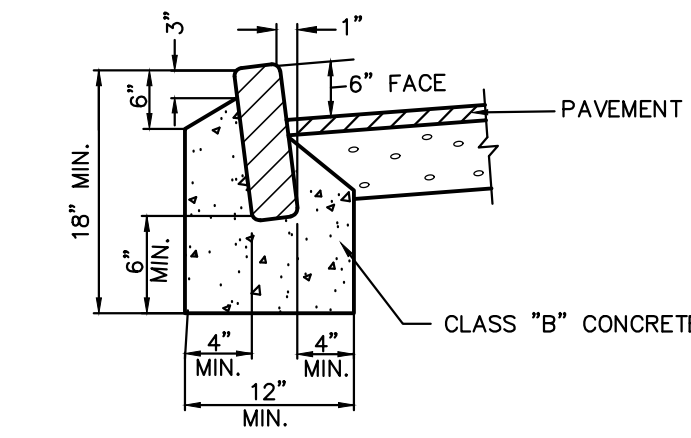
FOR  
**PITNEY PARK**

LOT 1.01 BLOCK 131.01

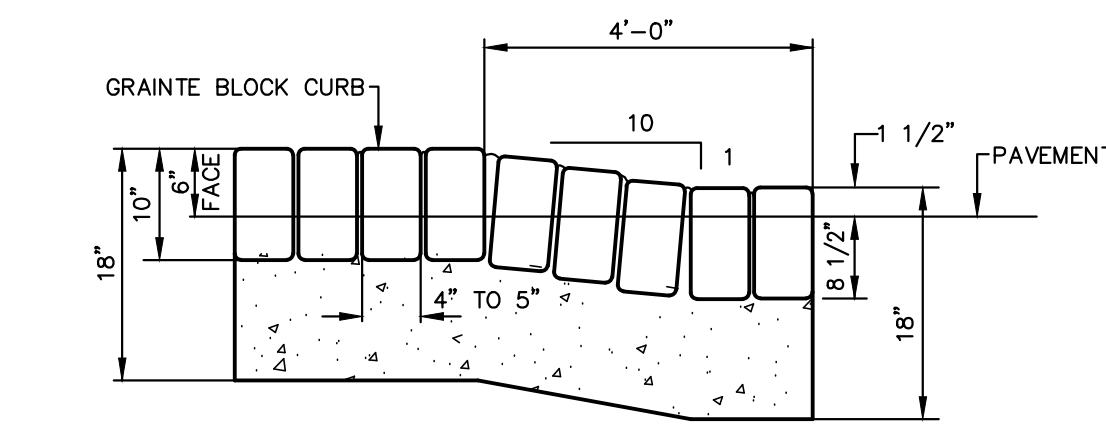
TOWNSHIP OF MENDHAM  
MORRIS COUNTY NEW JERSEY

DATE:	DESIGNED BY:	SCALE:	PROJECT NUMBER:
10/27/2020	SKW	AS NOTED	13311.001-T15
DRAWN BY:	CHECKED BY:	FIELD BOOK:	SHEET:
SKW	DFK		4 of 5

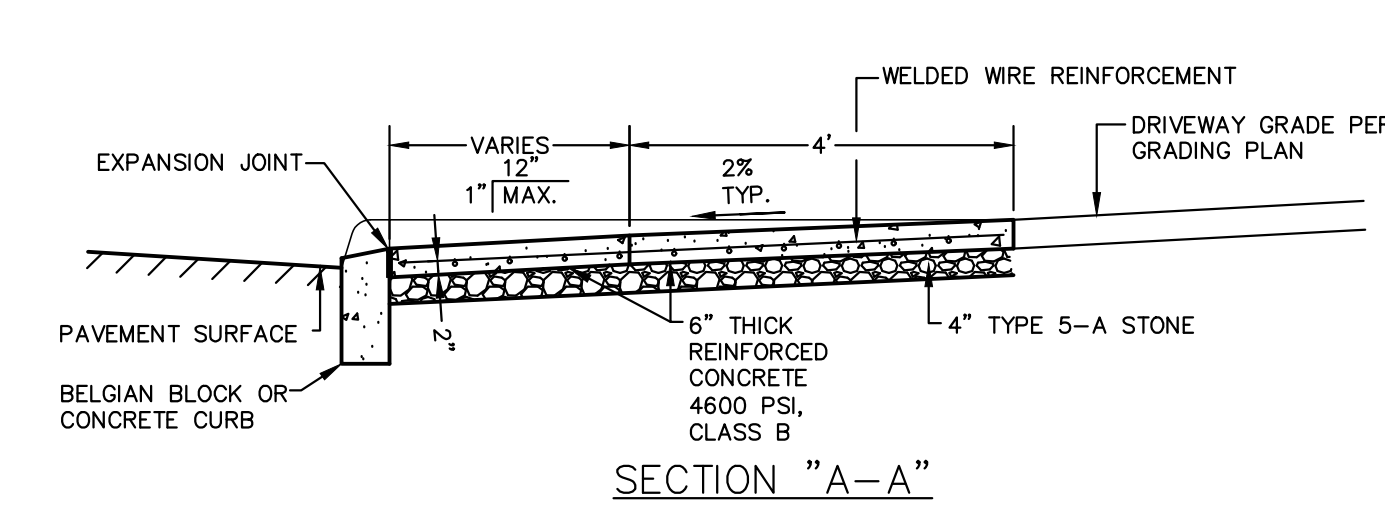




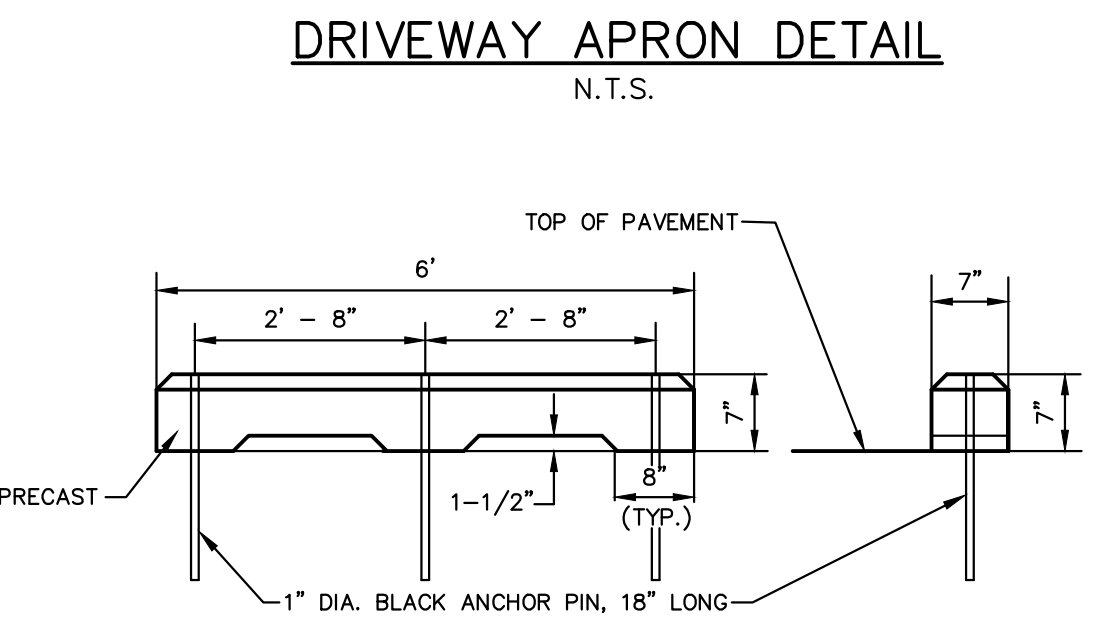
**GRANITE BLOCK CURB**  
NOT TO SCALE



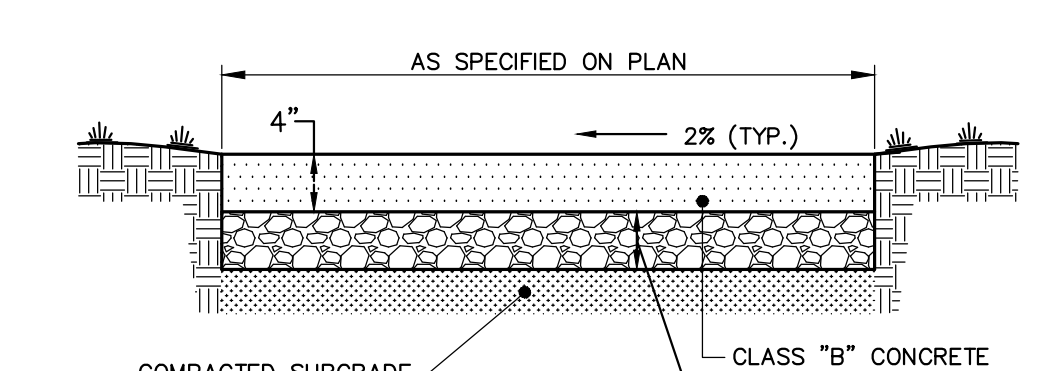
**METHOD OF DEPRESSING GRANITE BLOCK CURB AT DRIVEWAY**  
N.T.S.



**DRIVEWAY APRON DETAIL**  
N.T.S.

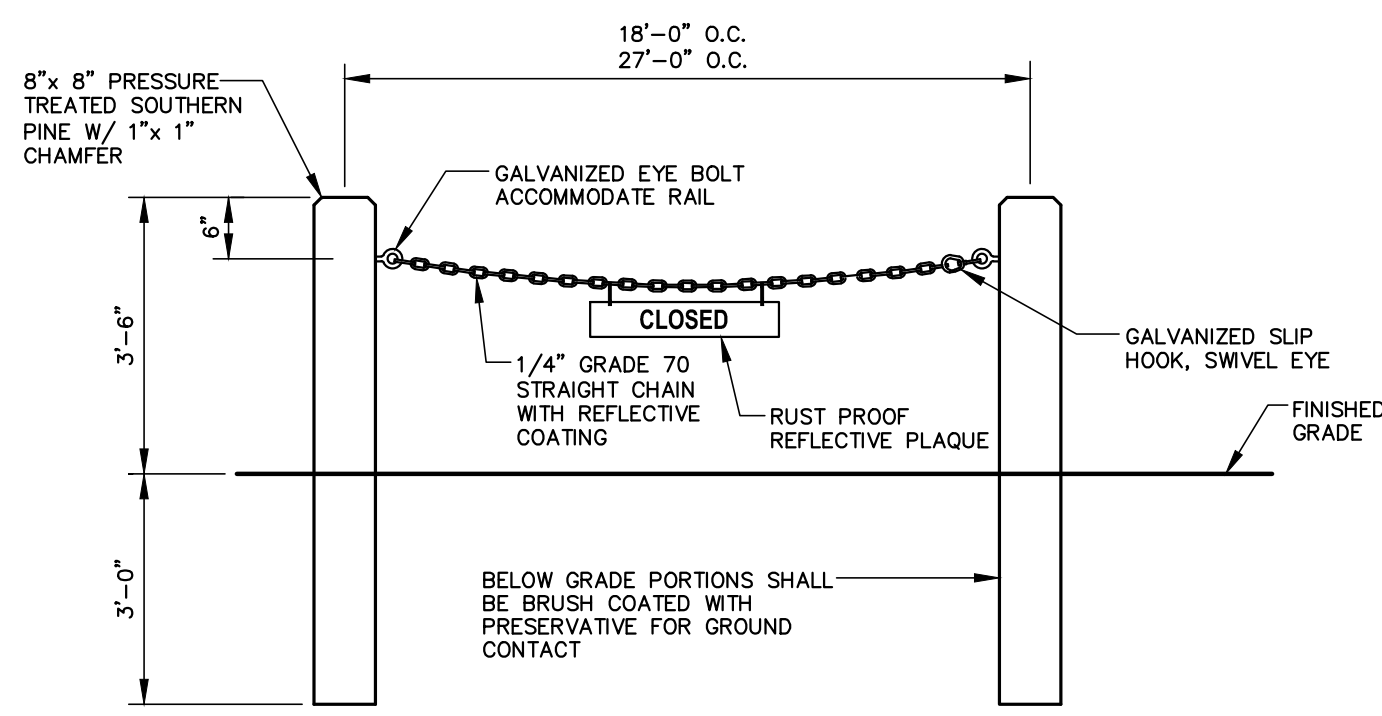


**WHEEL STOP DETAIL**  
N.T.S.

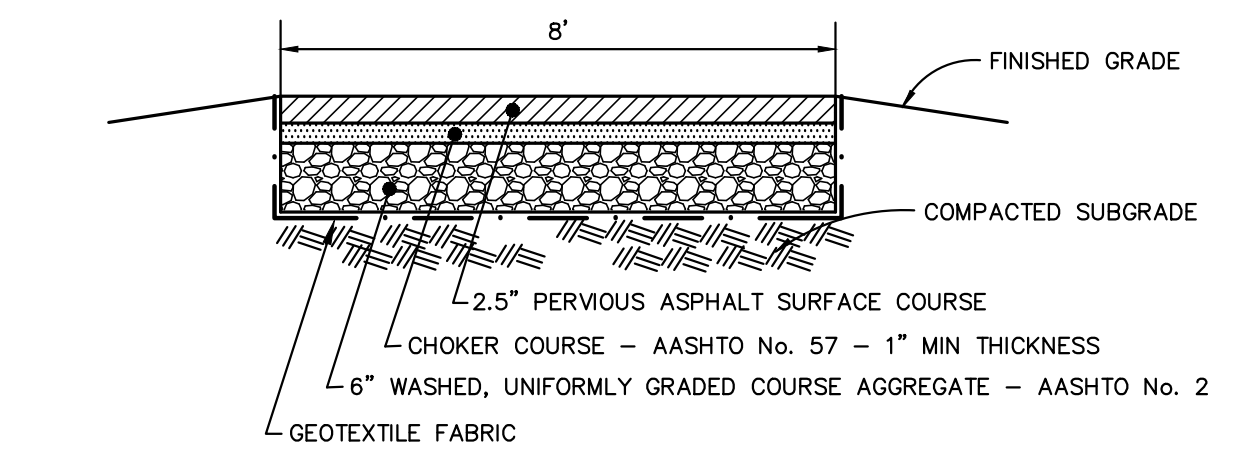


**4" THICK CONCRETE SIDEWALK**  
N.T.S.

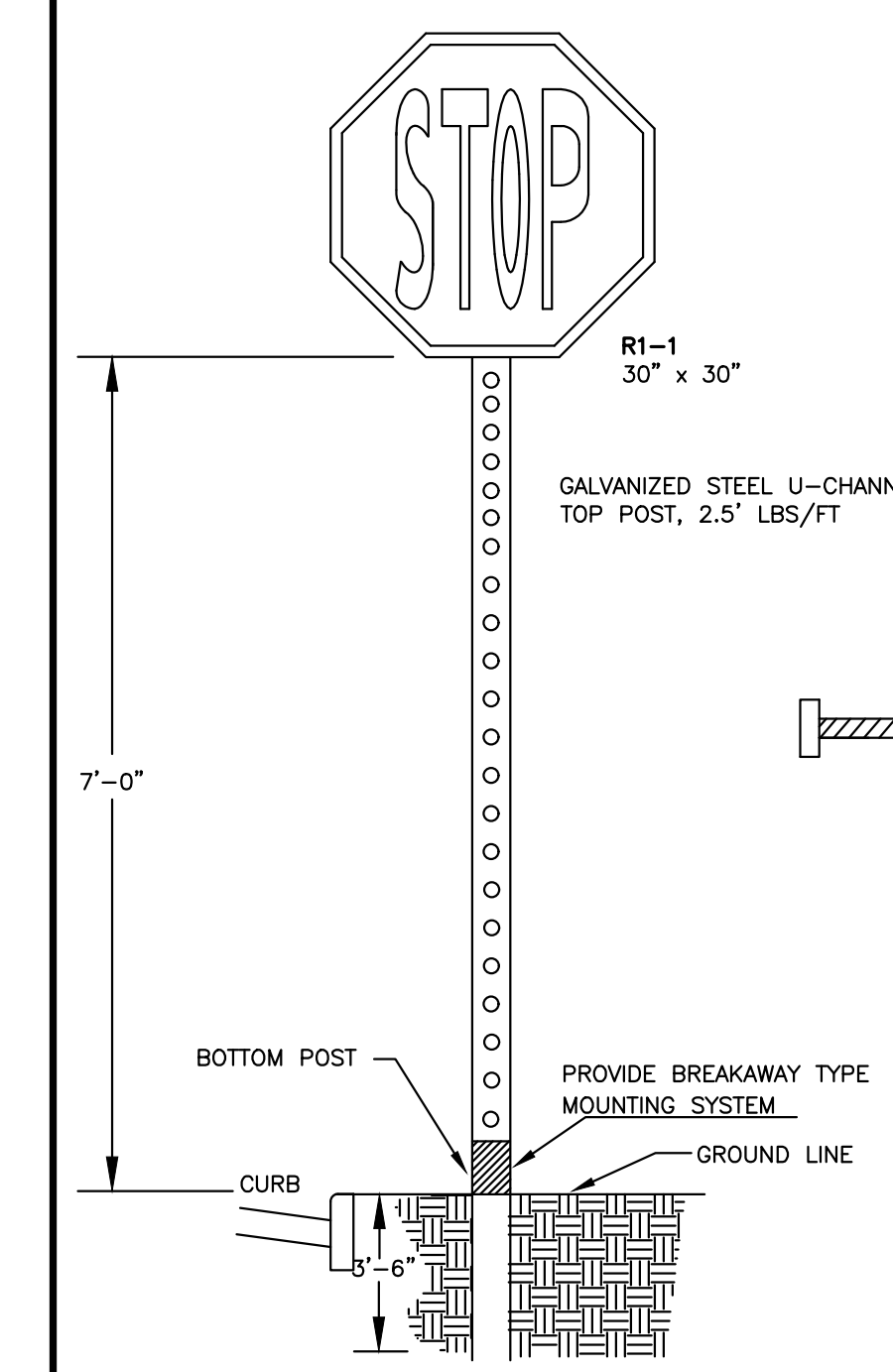
**FLAG POLE DETAIL**  
N.T.S.



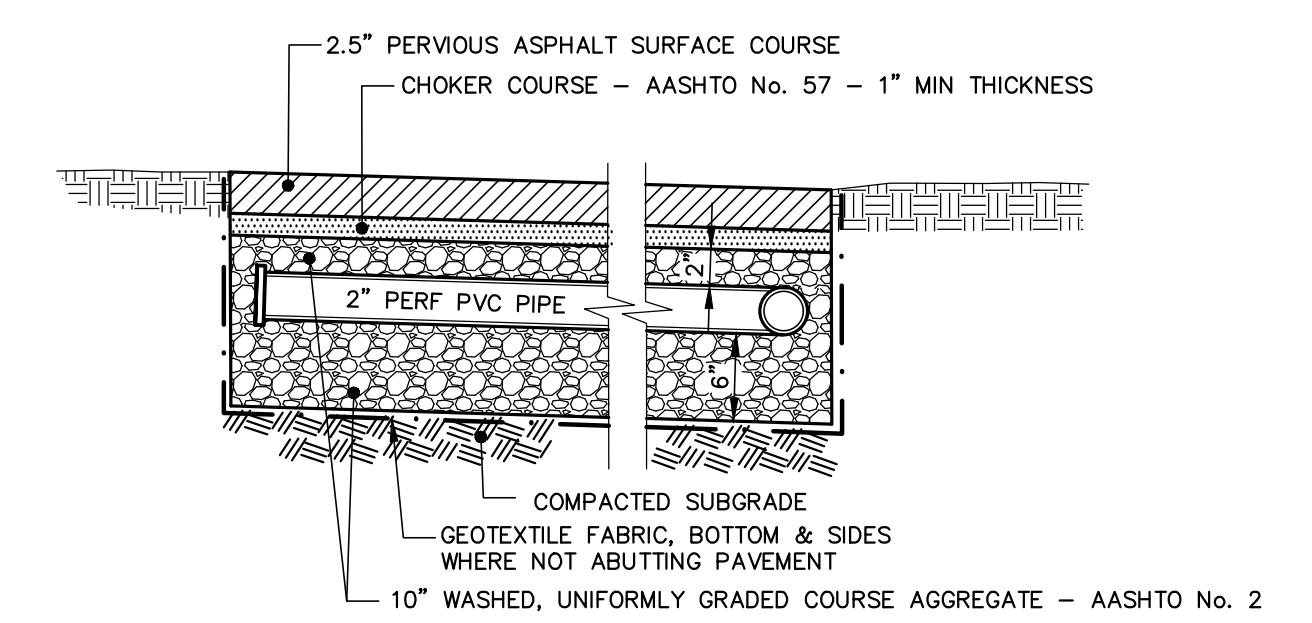
**WOOD BOLLARD WITH CHAIN ACCESS GATE**  
N.T.S.



**PERVIOUS PAVEMENT WALKWAY DETAIL**  
N.T.S.

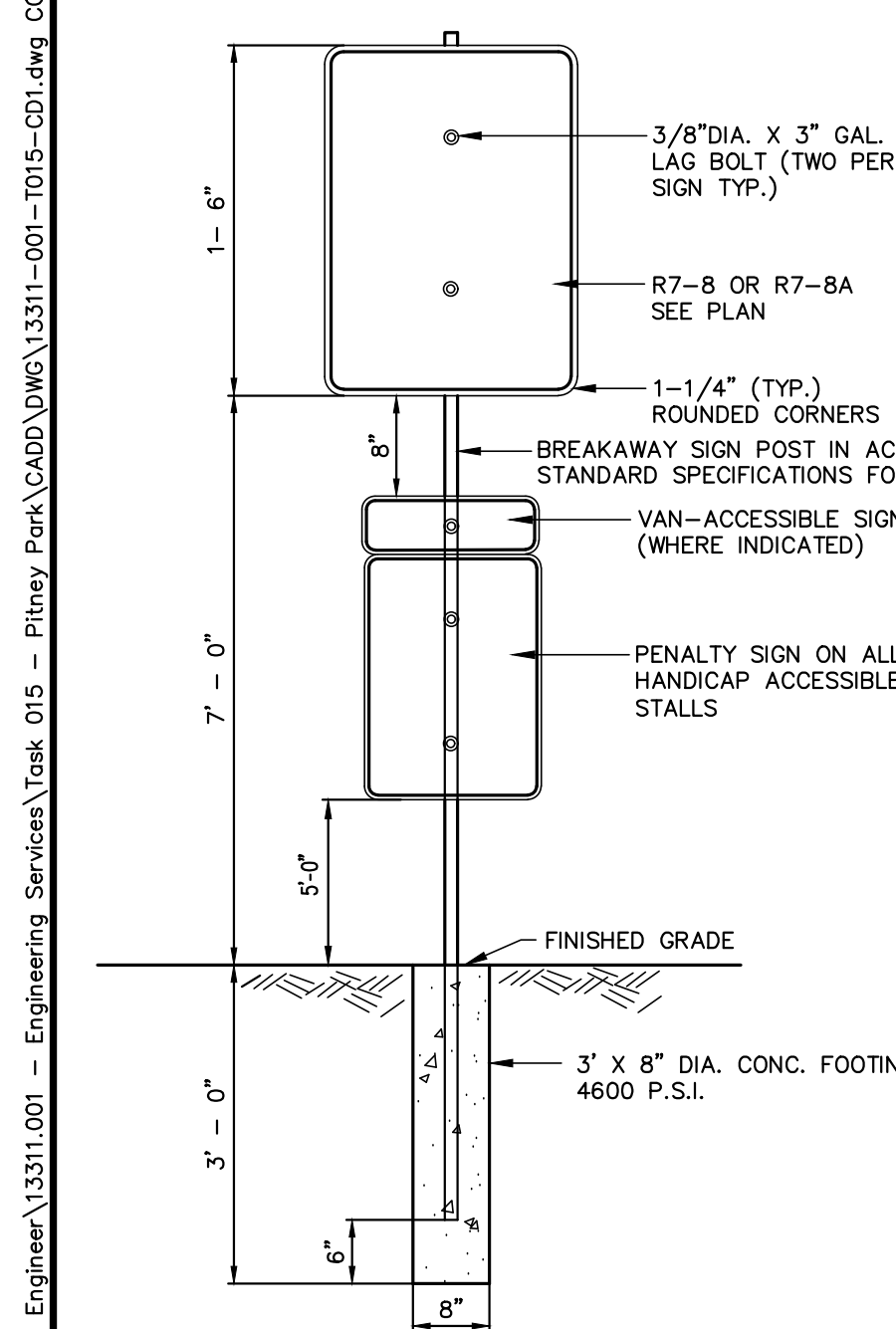


**BREAK-A-WAY SIGN POST DETAIL**  
NOT TO SCALE

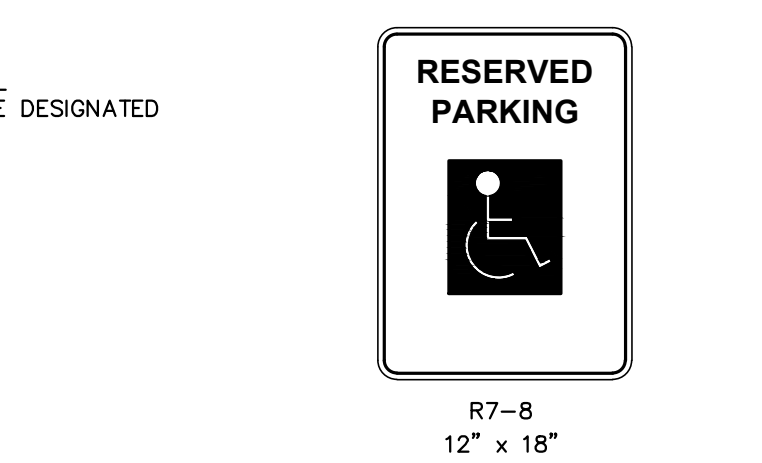


**PERVIOUS PAVEMENT PARKING AREA DETAIL**  
N.T.S.

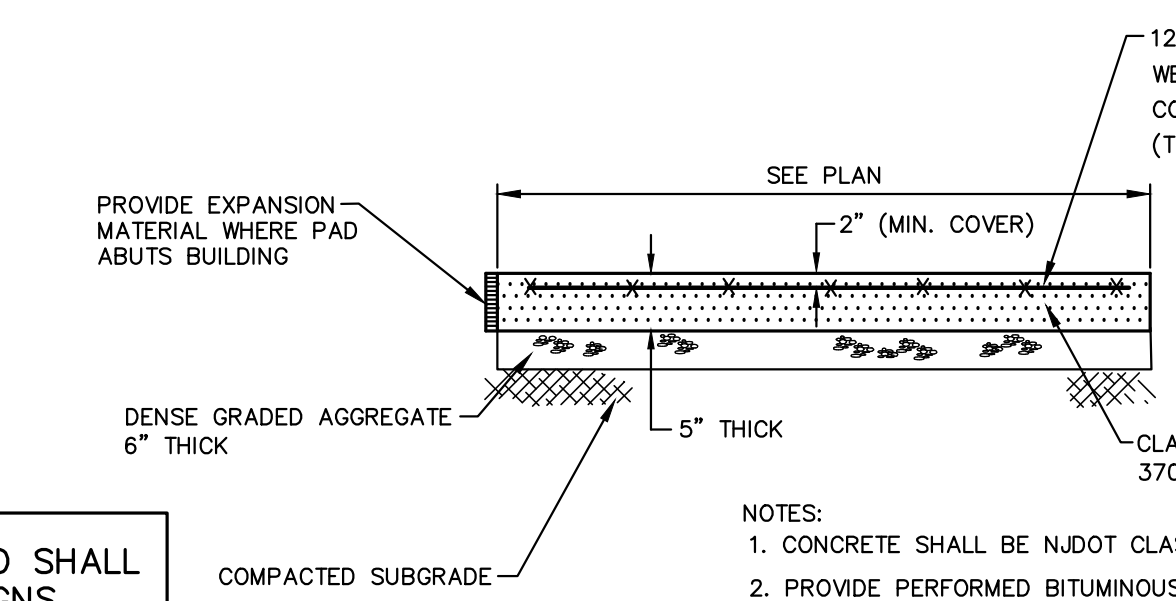
- NOTES:
1. ALL SIGNS TO CONFORM TO THE 2009 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES MANUAL REVISIONS 1 & 2 DATED MAY, 2012, OR MOST CURRENT STANDARD
  2. OUTSIDE EDGE OF CLOSEST TO ROADWAY SHALL BE A MINIMUM DISTANCE OF 2'



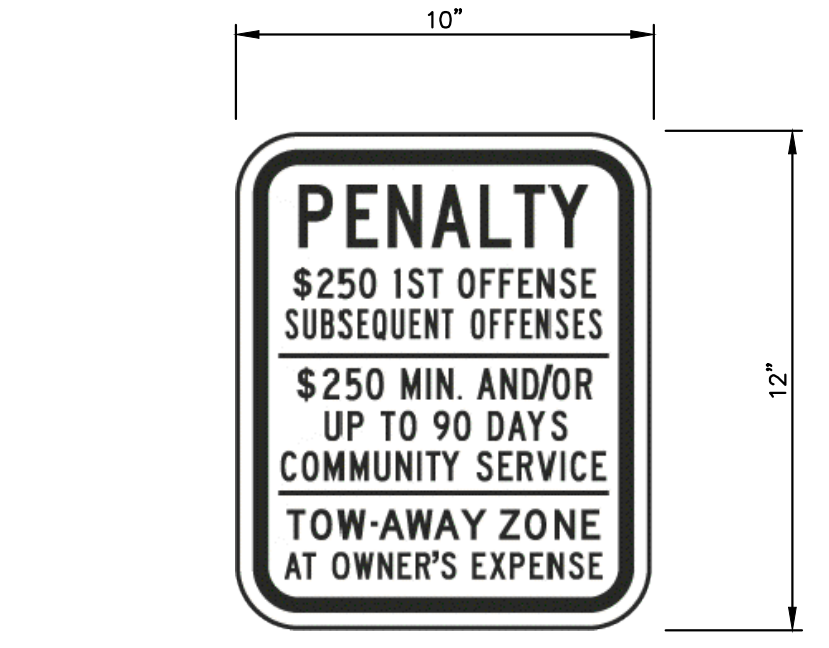
**HANDICAPPED PARKING SIGN AND SIGN POST DETAIL**  
N.T.S.



**HANDICAPPED PARKING SIGN**  
N.T.S.



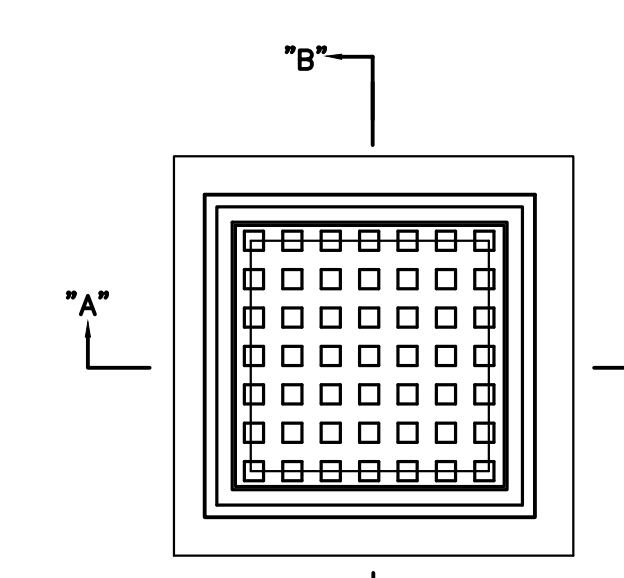
**CONCRETE PAD DETAIL**  
N.T.S.



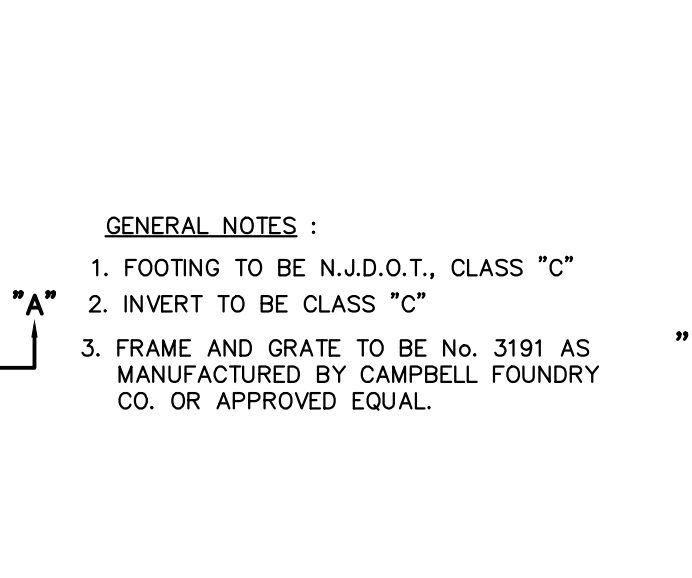
**PENALTY SIGN**  
N.T.S.



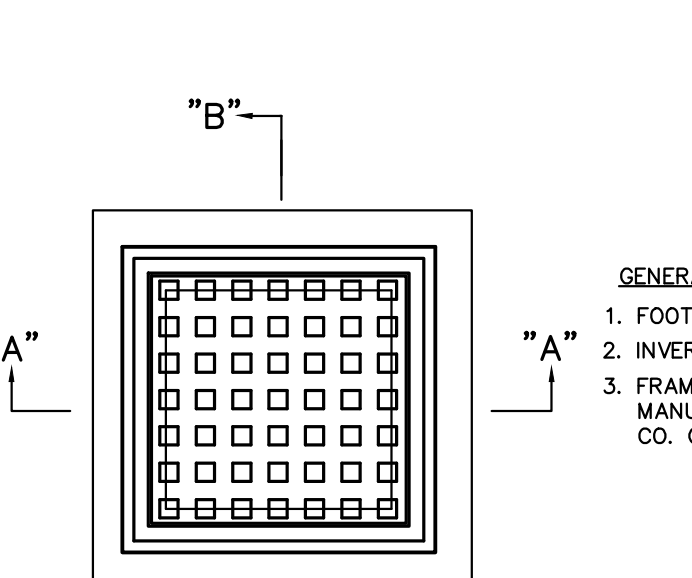
**RESERVED PARKING SIGN**  
NOT TO SCALE



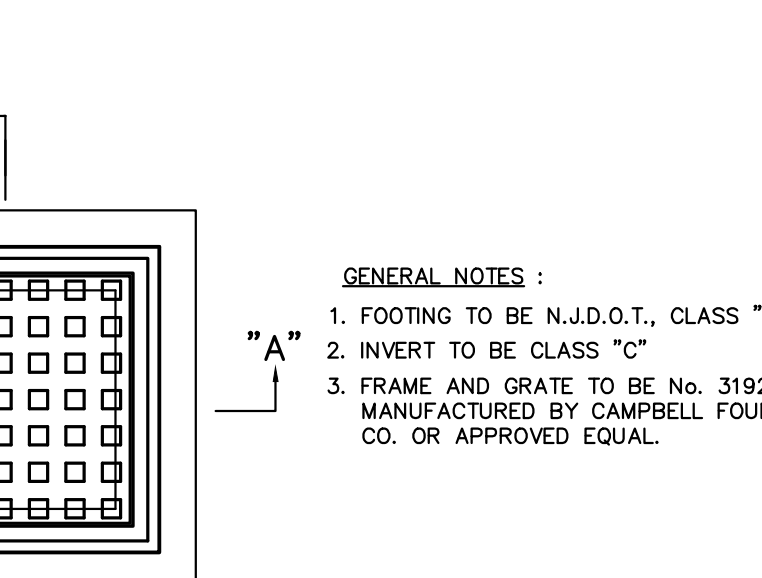
**AREA DRAIN DETAIL**  
N.T.S.



**LAWN INLET DETAIL**  
N.T.S.



**3'x3' STONE APRON DETAIL**  
NOT TO SCALE



**AREA DRAIN DETAIL**  
N.T.S.



**LAWN INLET DETAIL**  
N.T.S.

No.	Date	Revision	Revised By	Checked By

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PROFESSIONAL ENGINEER N.J. LIC. NO. 46373

CONSTRUCTION DETAILS			
FOR PITNEY PARK			
LOT 1.01 BLOCK 131.01			
TOWNSHIP OF MENDHAM MORRIS COUNTY NEW JERSEY			
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SKW	DFK		5 of 5