

# PARKING LOT EXPANSION PLANS

## PREPARED FOR 2649 - 2651 STRANG BOULEVARD

TOWN OF YORKTOWN HEIGHTS, WESTCHESTER COUNTY, NEW YORK

DATE: JUNE 18, 2021

### SITE DATA:

OWNER: GHP STRANG LLC  
4 WEST RED OAK  
WHITE PLAINS, NY 10604

PROJECT SITE: 2649-2651 STRANG BOULEVARD  
YORKTOWN HEIGHTS

TAX MAP ID NUMBER: SECTION 26.19, BLOCK 1, LOT 2

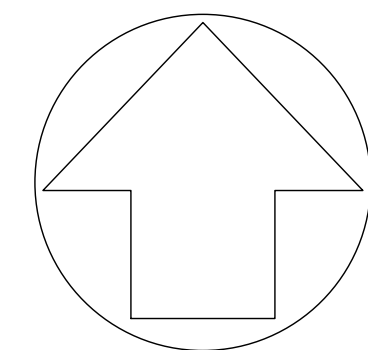
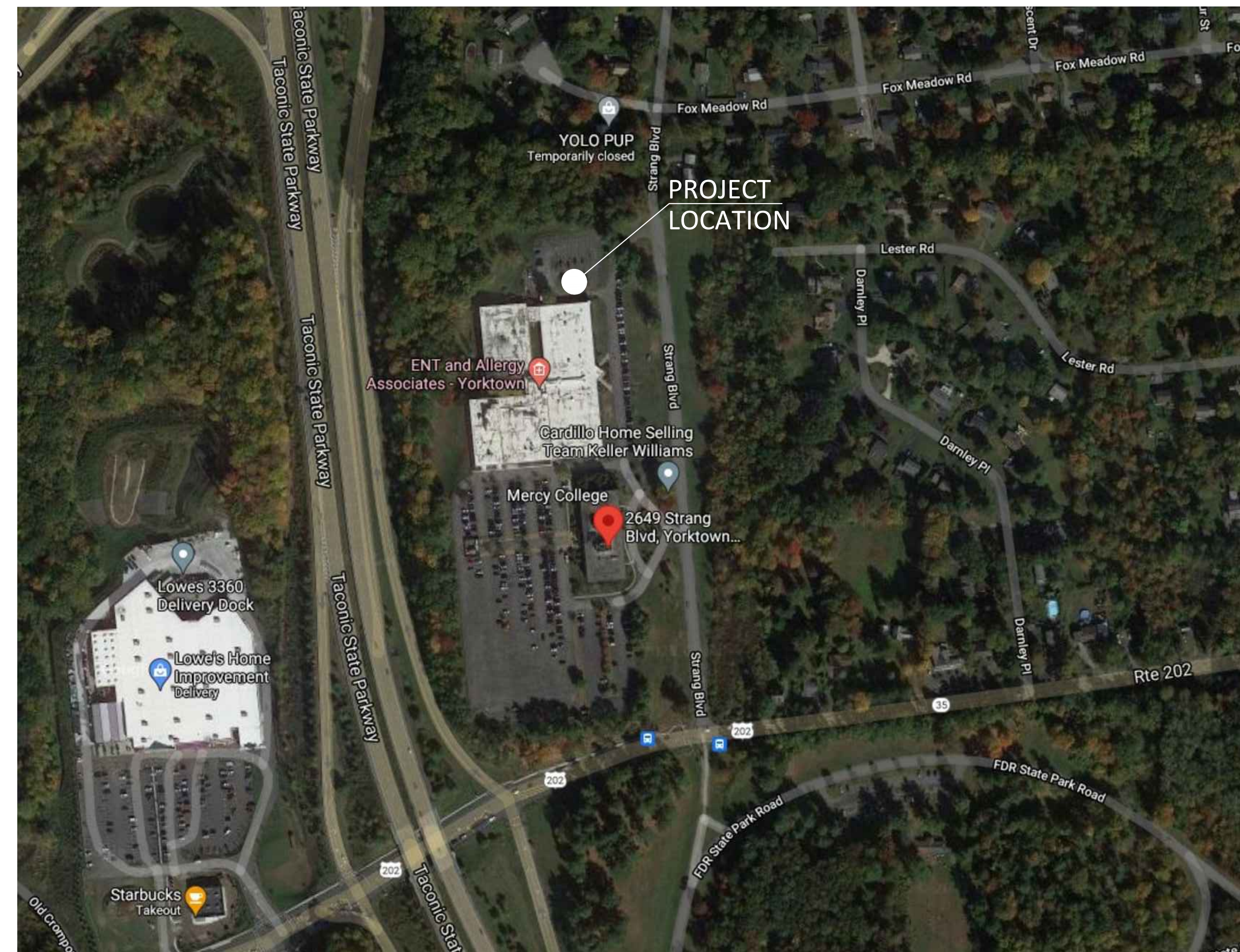
LOT AREA: ± 18.62 AC

ZONING DISTRICT: OB - RESEARCH LABORATORY AND OFFICE

FIRE DISTRICT: YORKTOWN HEIGHTS FIRE DISTRICT

SCHOOL DISTRICT: YORKTOWN SCHOOL DISTRICT

WATER SUPPLY: YORKTOWN CONSOLIDATED WATER DISTRICT



VICINITY MAP  
SCALE: N.T.S.

### SHEET INDEX

#### SITE CIVIL DRAWINGS

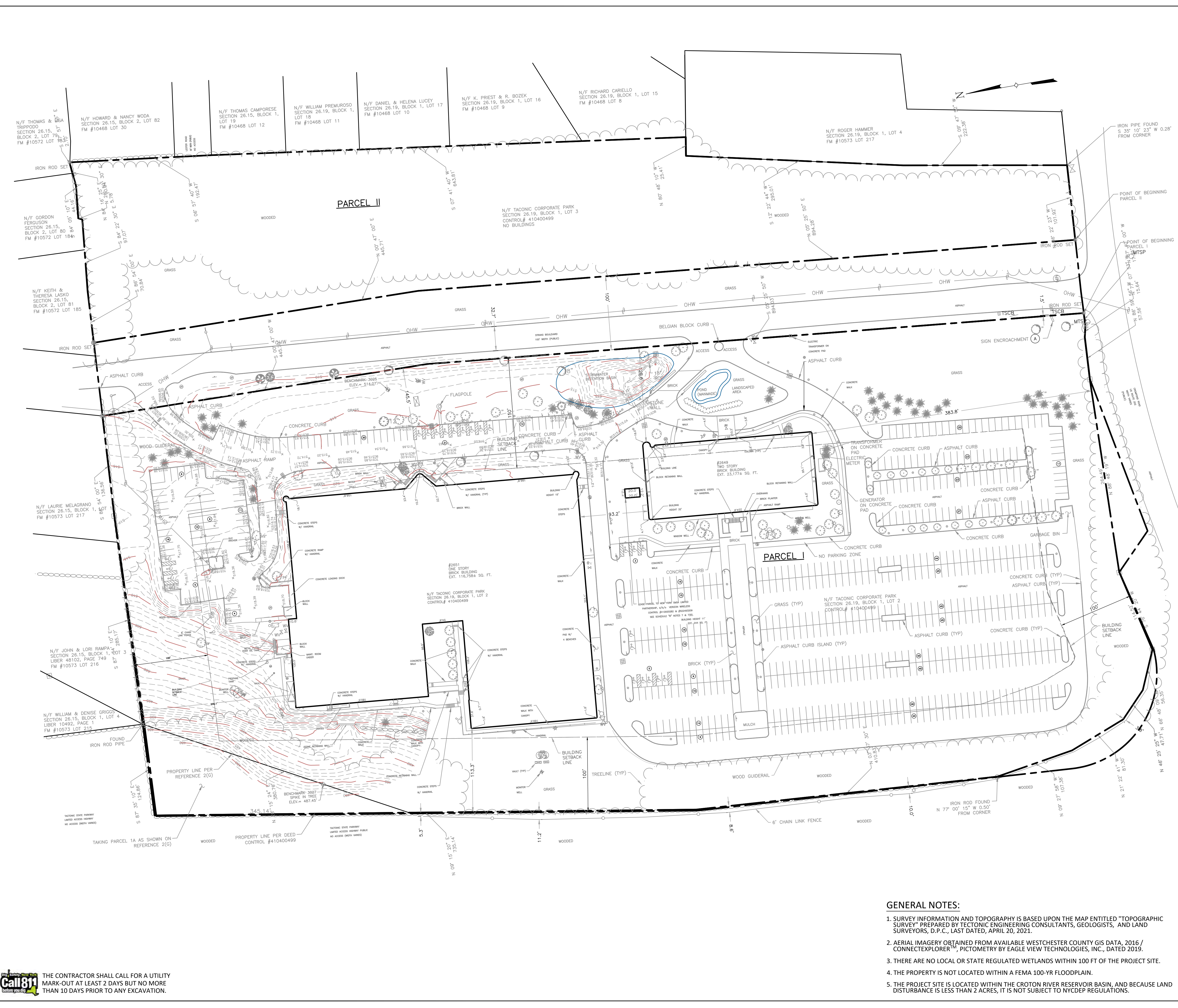
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OVERALL SITE PLAN	3/8
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FOR ARCHITECTURAL DRAWINGS REFER TO PLAN SET DEVELOPED BY CARDARELLI DESIGN AND ARCHITECTURE, P.C. DATED MAY 17, 2021.



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500 MAIN STREET, ARMONK, NY 10549  
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LEGEND	
	EXISTING PROPERTY LINE
	EXISTING TREE TO REMAIN
	EXISTING BUILDING
	EXISTING BUILDING SETBACK LINE
	EXISTING 5 FT CONTOUR
	EXISTING 1 FT CONTOUR



## OVERALL EXISTING CONDITIONS PLAN

### 2649-2651 STRANG BOULEVARD

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

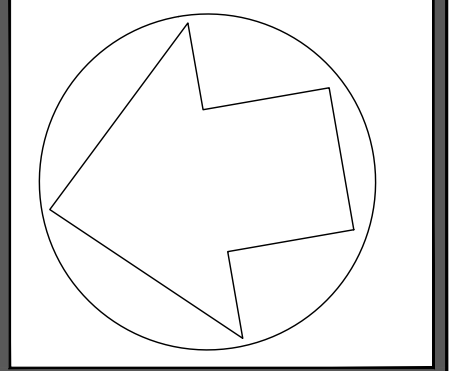
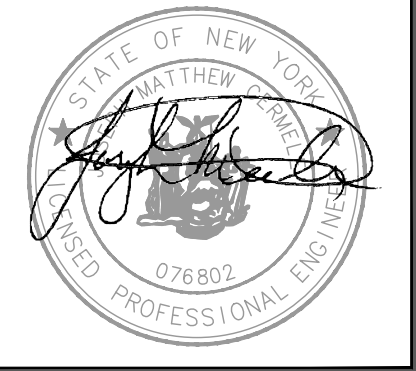


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#### GENERAL NOTES:

- SURVEY INFORMATION AND TOPOGRAPHY IS BASED UPON THE MAP ENTITLED "TOPOGRAPHIC SURVEY" PREPARED BY TECTONIC ENGINEERING CONSULTANTS, GEOLOGISTS, AND LAND SURVEYORS, D.P.C., LAST DATED, APRIL 20, 2021.
- AERIAL IMAGERY OBTAINED FROM AVAILABLE WESTCHESTER COUNTY GIS DATA, 2016 / CONNECTEXPLORER™, PICTOMETRY BY EAGLE VIEW TECHNOLOGIES, INC., DATED 2019.
- THERE ARE NO LOCAL OR STATE REGULATED WETLANDS WITHIN 100 FT OF THE PROJECT SITE.
- THE PROPERTY IS NOT LOCATED WITHIN A FEMA 100-YR FLOODPLAIN.
- THE PROJECT SITE IS LOCATED WITHIN THE CROTON RIVER RESERVOIR BASIN, AND BECAUSE LAND DISTURBANCE IS LESS THAN 2 ACRES, IT IS NOT SUBJECT TO NYCDEP REGULATIONS.

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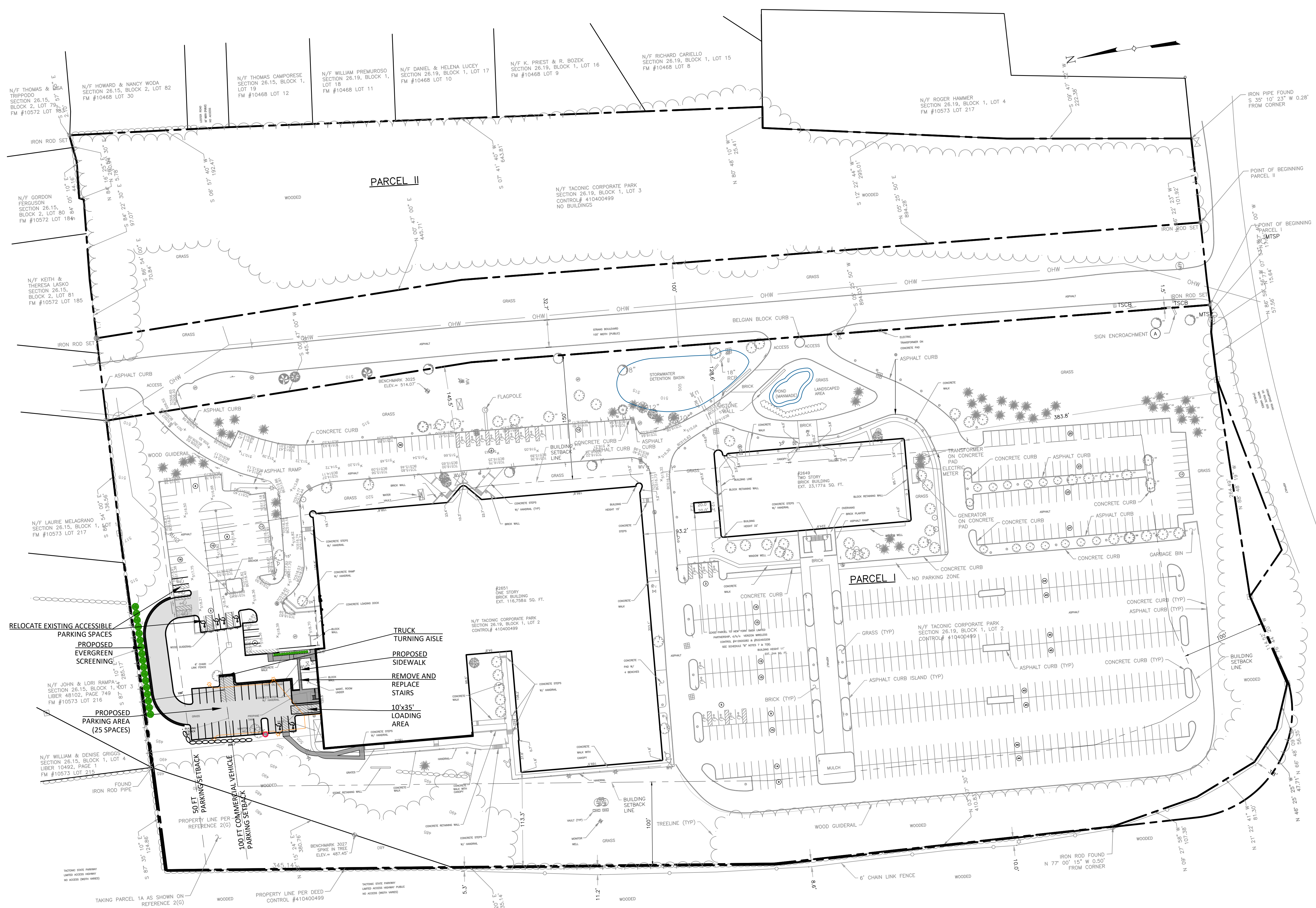
PROJECT I.D.: YRHP600  
DATE: JUNE 18, 2021

REVISIONS

**Call811** THE CONTRACTOR SHALL CALL FOR A UTILITY MARK-OUT AT LEAST 2 DAYS BUT NO MORE THAN 30 DAYS PRIOR TO ANY EXCAVATION.

UNAUTHORIZED ADDITIONS, MODIFICATIONS AND / OR ALTERATIONS TO THESE PLANS IS A VIOLATION OF SECTION 7209(2) OF THE NEW YORK STATE EDUCATION LAW

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**LEGEND**

- EXISTING PROPERTY LINE
- EXISTING TREE TO REMAIN
- EXISTING BUILDING
- EXISTING SETBACK LINE
- EXISTING BUILDING SETBACK LINE
- PROPOSED DRIVEWAY
- PROPOSED EVERGREEN
- PROPOSED BUILDING MODIFICATION
- PROPOSED RETAINING WALL



## OVERALL SITE PLAN

### 2649-2651 STRANG BOULEVARD

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

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PROJECT I.D.: YRHP600

DATE: JUNE 18, 2021

REVISIONS

**BULK ZONING SUMMARY-OB-1, LAB, OFFICE**

BULK REGULATION	REQUIRED	EXISTING	PROPOSED
MINIMUM PARKING SETBACK	50 FT	50 FT	NO CHANGE
MINIMUM COMMERCIAL VEHICLE PARKING SETBACK	100 FT	100 FT	NO CHANGE

- GENERAL NOTES:**
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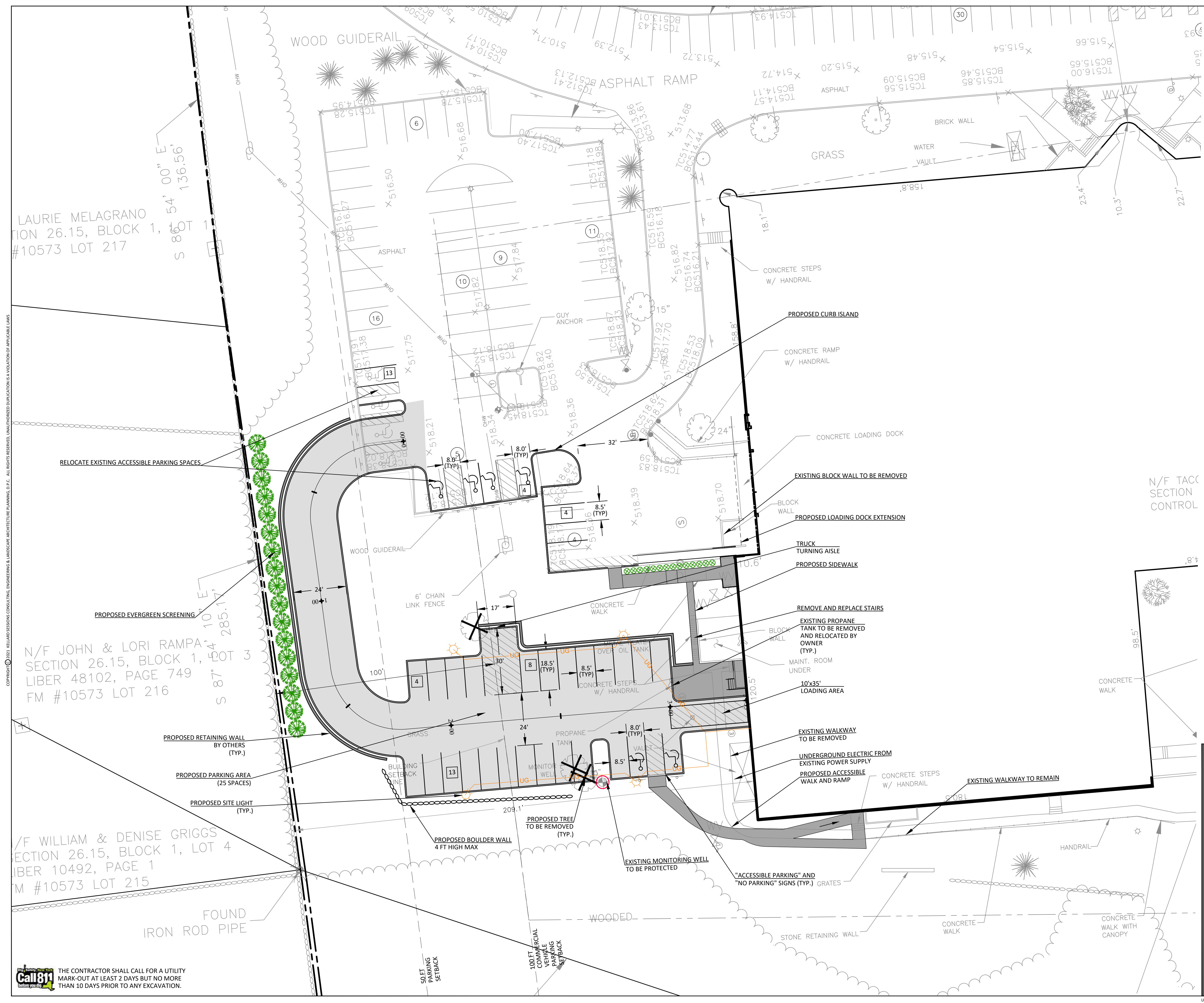
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LAURIE MELAGRANO  
SECTION 26.15, BLOCK 1,  
#10573 LOT 217

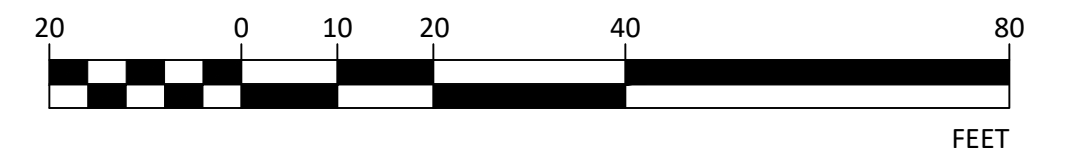
N/F JOHN & LORI RAMPA,  
SECTION 26.15, BLOCK 1, LOT 3  
LIBER 48102, PAGE 749  
FM #10573 LOT 216

N/F WILLIAM & DENISE GRIGGS  
SECTION 26.15, BLOCK 1, LOT 4  
LIBER 10492, PAGE 1  
FM #10573 LOT 215

**Call811**  
THE CONTRACTOR SHALL CALL FOR A UTILITY  
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- LEGEND**
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  - EXISTING TREE TO REMAIN
  - EXISTING TREE TO BE REMOVED
  - EXISTING BUILDING
  - EXISTING SETBACK LINE
  - EXISTING SETBACK LINE
  - PROPOSED DRIVEWAY
  - PROPOSED EVERGREEN
  - PROPOSED RETAINING WALL
  - PROPOSED PARKING COUNT



**ENLARGED SITE PLAN**

**2649-2651 STRANG BOULEVARD**

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

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3	JUNE 18, 2021
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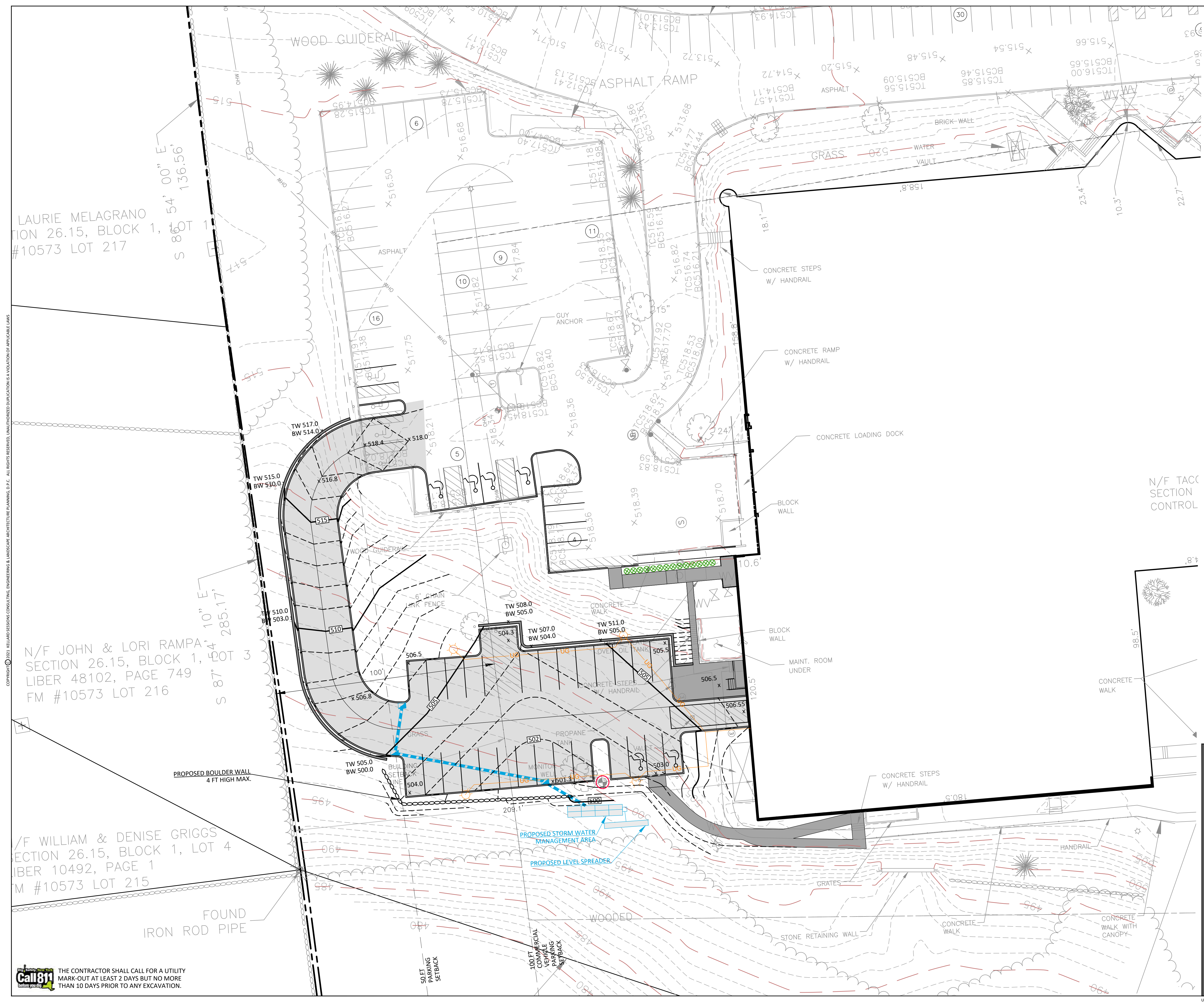
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FOUND IRON ROD PIPE

**Call811**  
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LEGEND	
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	EXISTING BUILDING
	EXISTING 5 FT CONTOUR
	EXISTING 1 FT CONTOUR
	EXISTING SETBACK LINE
	PROPOSED DRIVEWAY
	PROPOSED 5 FT CONTOUR
	PROPOSED 1 FT CONTOUR
	PROPOSED DRAINAGE LINE
	PROPOSED STORMWATER MITIGATION SYSTEM
	PROPOSED CATCH BASIN
	PROPOSED LEVEL SPREADER
	PROPOSED SITE LIGHTING
	PROPOSED UNDERGROUND ELECTRIC



**ENLARGED GRADING AND UTILITIES PLAN**

**2649-2651 STRANG BOULEVARD**

TOWN OF YORKTOWN HEIGHTS      WESTCHESTER COUNTY, NEW YORK

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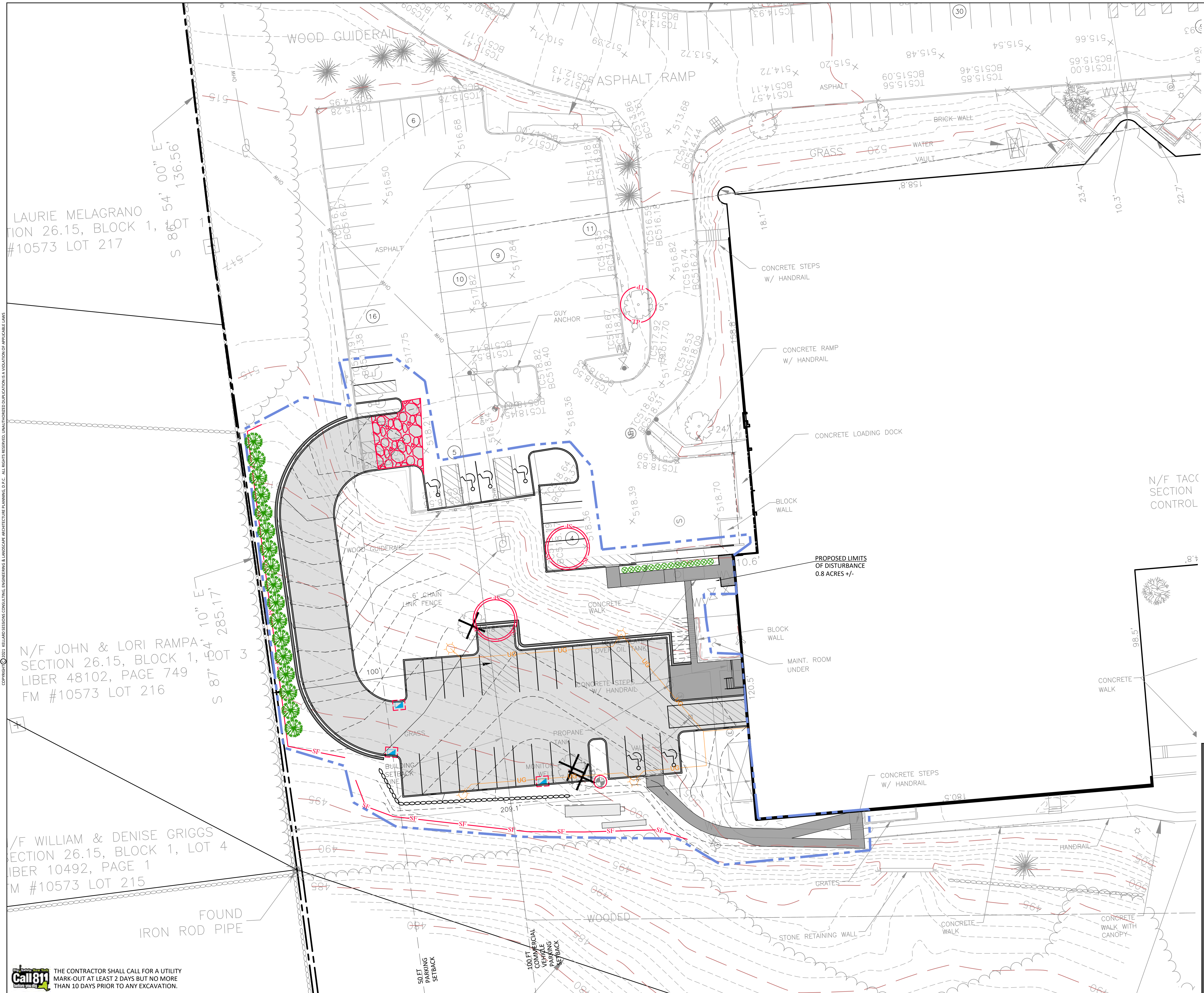
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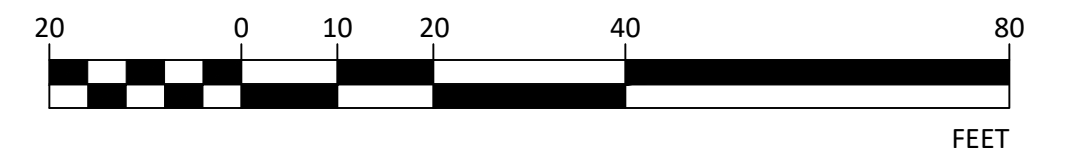
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- EXISTING 1 FT CONTOUR
- EXISTING SETBACK LINE
- PROPOSED DRIVEWAY
- PROPOSED 10 FT CONTOUR
- PROPOSED 1 FT CONTOUR
- PROPOSED EVERGREEN
- LIMIT OF DISTURBANCE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED SILT FENCE
- PROPOSED INLET PROTECTION
- PROPOSED SOIL STOCKPILE

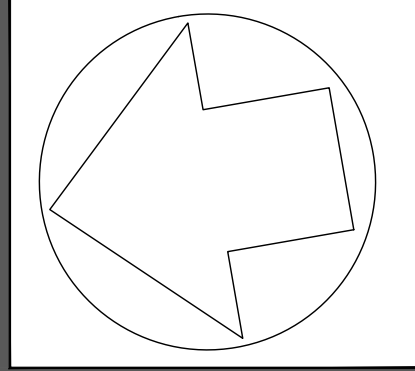
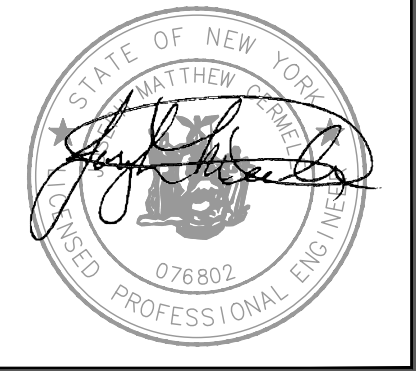


**ENLARGED EROSION AND SEDIMENT CONTROL PLAN**

**2649-2651 STRANG BOULEVARD**

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

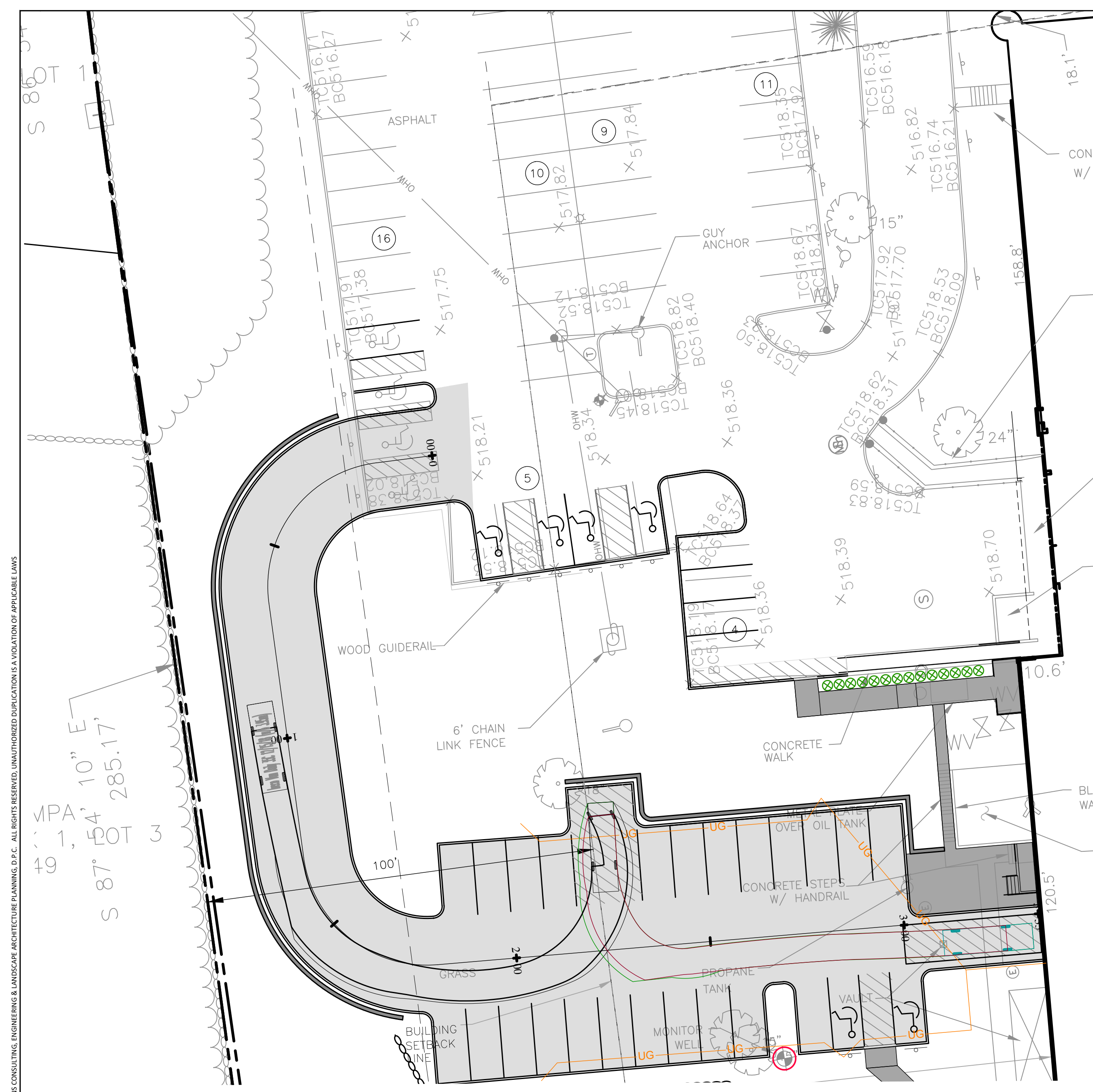
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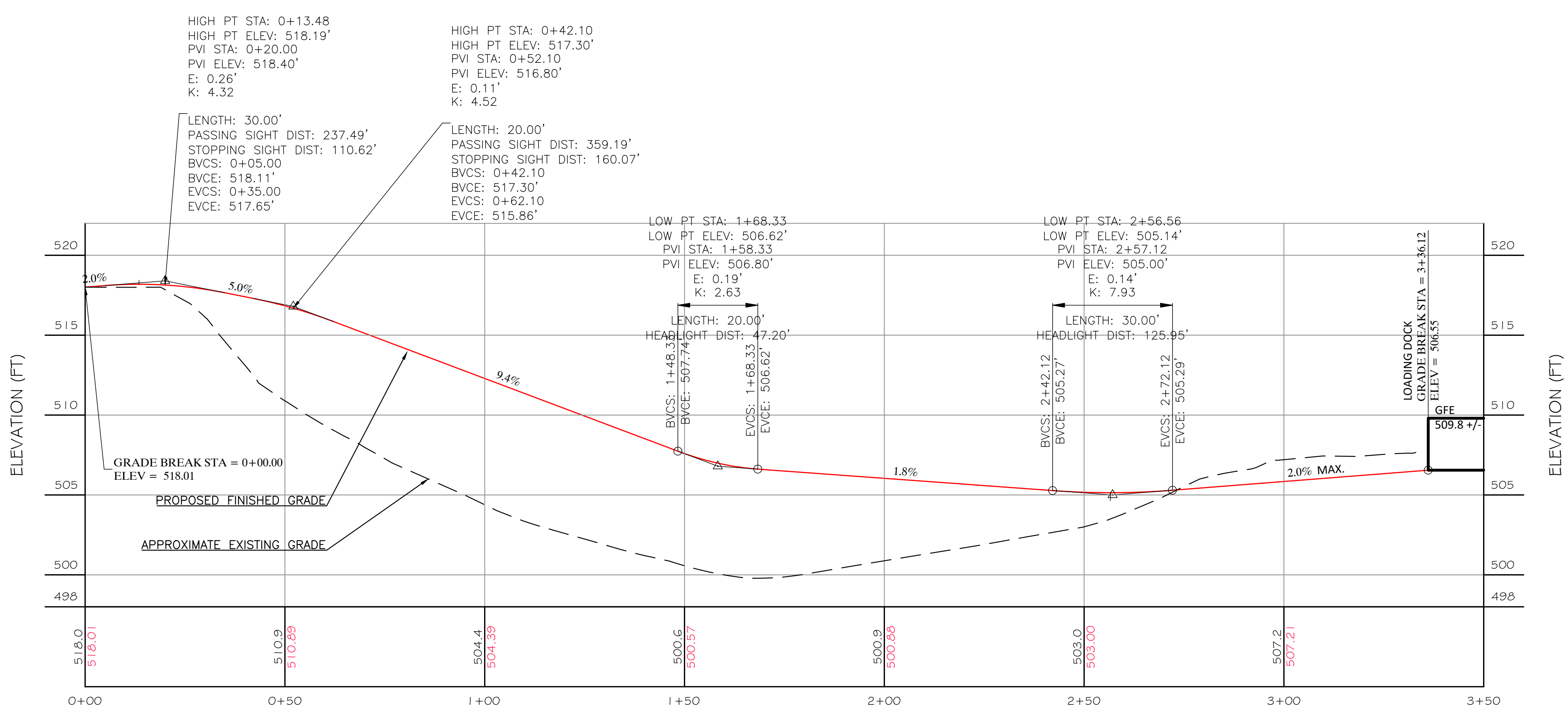
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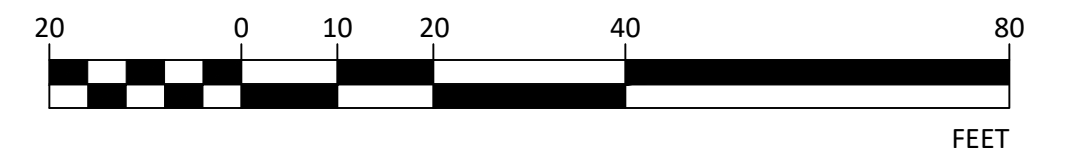
**TRUCK TURNING ANALYSIS**

NOTE: TRUCK MANEUVER SHOWN FOR TYPICAL DELIVERY TRUCK (30 FT.)



**PROPOSED DRIVEWAY**

PROFILE SCALE:  
HORIZ: 1"=20'  
VERT: 1"=5'

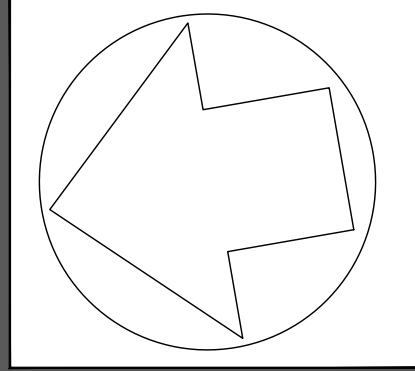
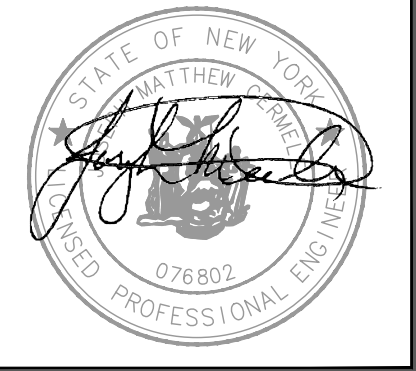


**DRIVEWAY PROFILES**

2649-2651 STRANG BOULEVARD

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

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REVISIONS

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**EROSION AND SEDIMENT CONTROL PLAN**

All proposed soil erosion and sediment control practices have been designed in accordance with the following publications:

- New York Standards and Specifications for Erosion and Sediment Control, latest edition
- New York State SPDES General Permit for Stormwater Runoff from Construction Activity (GP-0-20-001)
- Town Code of Yorktown Chapter 248 "Stormwater Management"

The primary aim of the soil erosion and sediment control plan is to reduce soil erosion from areas stripped of vegetation during and after construction and to prevent silt from reaching the drainage structures, culcut infiltration systems, wetland systems, watercourses, waterbodies and downstream properties. The culcut infiltration systems will not be put into service until the contributing drainage areas to the system have been stabilized. As outlined in the construction sequencing notes below and on the Sediment & Erosion Control Plans, the Sediment & Erosion Control Plan is an integral component of the construction phasing and sequencing and will be implemented to control sediment and re-establish vegetation as soon as practicable. The plan will be implemented prior to the commencement of any earthmoving activities and will be maintained through the duration of the project.

A copy of the contractor certification form is provided in Stormwater Pollution Prevention Plan Report. This form will be signed by the contractor prior to the commencement of construction activity. Each contractor and subcontractor shall identify at least one (1) person from their company that will be responsible for implementation of the SWPPP. This person shall be known as the *trained contractor*. The *trained contractor* shall be on site on a daily basis when soil disturbance activities are being performed. The *trained contractor* must receive four (4) hours of NYSDEC endorsed training in proper erosion and sediment control principles from a Soil and Water Conservation District, or other NYSDEC endorsed entity. The *trained contractor* must receive four (4) hours of training every three (3) years.

The owner/operator shall maintain at the construction site a copy of the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities, GP-0-20-001, the Notice of Intent (NOI), the NOI acknowledgment letter, the Stormwater Pollution Prevention Plan Report for American Capital Energy Corporation, the MS4 SWPPP Acceptance Form and inspection reports from the qualified inspector until all disturbed areas have achieved final stabilization and the Notice of Termination (NOT) has been filed with the NYSDEC.

The applicant or developer or their representative shall be on site at all times when construction or grading activity takes place. A *qualified inspector* shall conduct site inspections a minimum of once every seven (7) calendar days. The qualified inspector shall inspect and document the effectiveness of all erosion and sediment control practices. The *qualified inspector* shall prepare an inspection report subsequent to each and every inspection. The reports shall be forwarded to the Town's Stormwater Management Officer and also copied to the site logbook. The *qualified inspector* must be a licensed Professional Engineer, a Certified Professional in Erosion and Sediment Control (CPESC), a Registered Landscape Architect or someone working under the direct supervision of, and at the same company as, the Licensed Professional Engineer or Registered Landscape Architect, provided they have received four (4) hours of NYSDEC endorsed training in proper erosion and sediment control principles from a soil and water conservation district.

The proposed soil erosion and sediment control devices include the planned erosion control practices outlined below. Maintenance procedures for each erosion control practice are also provided herein. The owner or operator must ensure that all erosion and sediment control practices identified herein are maintained in effective operating condition at all times.

**• STABILIZED CONSTRUCTION ENTRANCE**  
A stabilized construction entrance shall be installed at the project entrance as indicated on the plans. The purpose of the stabilized construction entrance is to prevent vehicles leaving the site from tracking sediment, mud or any other construction-related materials from the site onto Strang Boulevard.

**Maintenance/Inspection**  
Stabilized construction entrance shall be inspected a minimum of twice every seven (7) calendar days. The contractor shall maintain the construction entrance in a manner which prevents or significantly reduces the tracking of sediment/soil onto Strang Boulevard. The contractor shall inspect the construction entrance daily and after each rain event for displacement or loss of aggregate. The contractor shall top-dress the construction entrance when displacement/loss of aggregate occurs, or if the aggregate becomes clogged or silted to the extent that the entrance can no longer perform its intended function. The contractor shall inspect the vicinity of the construction entrance several times a day and immediately remove any sediment dropped or washed onto Strang Boulevard.

**• SILT FENCE**  
Silt fence (geotextile filter cloth) shall be placed in locations depicted on the approved plans. The purpose of the silt fence is to reduce the velocity of sediment-laden stormwater from small drainage areas and to intercept the transported sediment load. In general, silt fence shall be used at the down-slope end of disturbed areas, toe of slopes or intermediately within slopes where obvious channel concentration of stormwater is not present. Silt fence shall always be installed parallel to the contours in order to prevent concentrated flows from developing along the silt fence.

**Maintenance/Inspection**  
Silt fencing shall be inspected a minimum of twice every seven (7) calendar days. Inspections shall include ensuring that the fence material is tightly secured to the wood posts. In addition, overlapping filter fabric shall be secure and the fabric shall be maintained a minimum of six (6) inches below grade. In the event that any "bulges" develop in the fence, that section of fence shall be replaced immediately with a new fence section. Any visible sediment build-up against the fence shall be removed immediately and deposited on-site a minimum of 100 feet outside of any wetland area.

**• INLET PROTECTION**  
After the drain inlets have been installed and the site is completely stabilized, these drain inlets will receive stormwater from the driveways and overland watersheds. During construction, a filter fabric drop inlet barrier shall be placed around the drain inlets to allow stormwater to be filtered prior to the stormwater being discharged to the drainage system.

**Maintenance/Inspection**  
Inlet protection devices shall be inspected a minimum of twice every seven (7) calendar days. Care shall be taken to ensure that all inlet protection devices are properly located and secure and do not become displaced. Upon stabilization of the drainage areas, remove all materials and sediment and dispose of properly. Any accumulated sediments shall be removed from the device and deposited not less than 100 feet from a wetland area.

**• TREE PROTECTION**  
All significant trees to be preserved located within the limits of disturbance and on the perimeter of the disturbance limits shall be protected from harm by erecting a three (3) feet high (minimum) snow fence completely surrounding the tree. Snow fence should extend to the drip-line of the tree to be preserved. Trees designated to be protected/saved are illustrated on the construction drawings and will be identified in the field prior to construction.

**Maintenance/Inspection**  
The snow fence shall remain at the drip-line of the tree to be preserved. The snow fence shall be inspected a minimum of twice every seven (7) calendar days. Any damaged portions of the fence shall be repaired or replaced. Care shall also be taken to ensure that no construction equipment is driven or parked within the drip-line of the tree to be preserved.

**• RIP-RAP OUTLET PROTECTION**  
The outlets of all stormwater discharge areas will be protected from erosion by the placement of stone rip-rap at the culvert outlet. The purpose of the stone outlet protection is to reduce the velocities of the discharged water such that flows will not erode the receiving area.

**Maintenance/Inspection**  
Maintenance of the outlet protection devices shall be inspected twice every seven (7) calendar days to determine if any scouring beneath the rip-rap has occurred and/or if any rip-rap has been displaced. All displaced rip-rap shall be re-positioned or replaced with new rip-rap. In addition, all leaves, twigs and brush shall be removed in the vicinity of the culvert/swale outlet to ensure that stormwater is flowing unobstructed.

**• SOIL/MATERIAL STOCKPILING**  
All soil/material stripped from the construction area during grubbing and grading shall be stockpiled in locations illustrated on the approved plans, or in practical locations on-site.

**Maintenance/Inspection**  
All stockpiles shall be inspected a minimum of twice every seven (7) calendar days for signs of erosion or problems with seed establishment. Soil stockpiles shall be protected from erosion by vegetating the stockpile with a rapidly-germinating grass seed and surrounded with either silt fence or staked haybales. If the project is ongoing during the non-growing season, the stockpiles shall be protected by a tarpaulin covering the entire stockpile.

**• SURFACE STABILIZATION**  
All disturbed areas will be protected from erosion with the use of vegetative measures (e.g., grass seed mix, sod), hydromulch, hay or erosion control blankets.

Erosion control barriers consisting of silt fencing shall be placed around exposed areas during construction. Any areas stripped of vegetation during construction will be vegetated and/or mulched immediately to prevent erosion of the exposed soils. In areas where significant erosion potential exists (steep slopes) and/or where specifically directed, Curlex Excelsior erosion control blankets (manufactured by American Excelsior or approved equal) shall be installed. Materials that may be used for mulching include straw, hay, salt hay, wood fiber, synthetic soil stabilizers, mulch netting, erosion control blankets or sod. A permanent vegetative cover will be established upon completion of construction of those areas which have been brought to finish grade and to remain undisturbed.

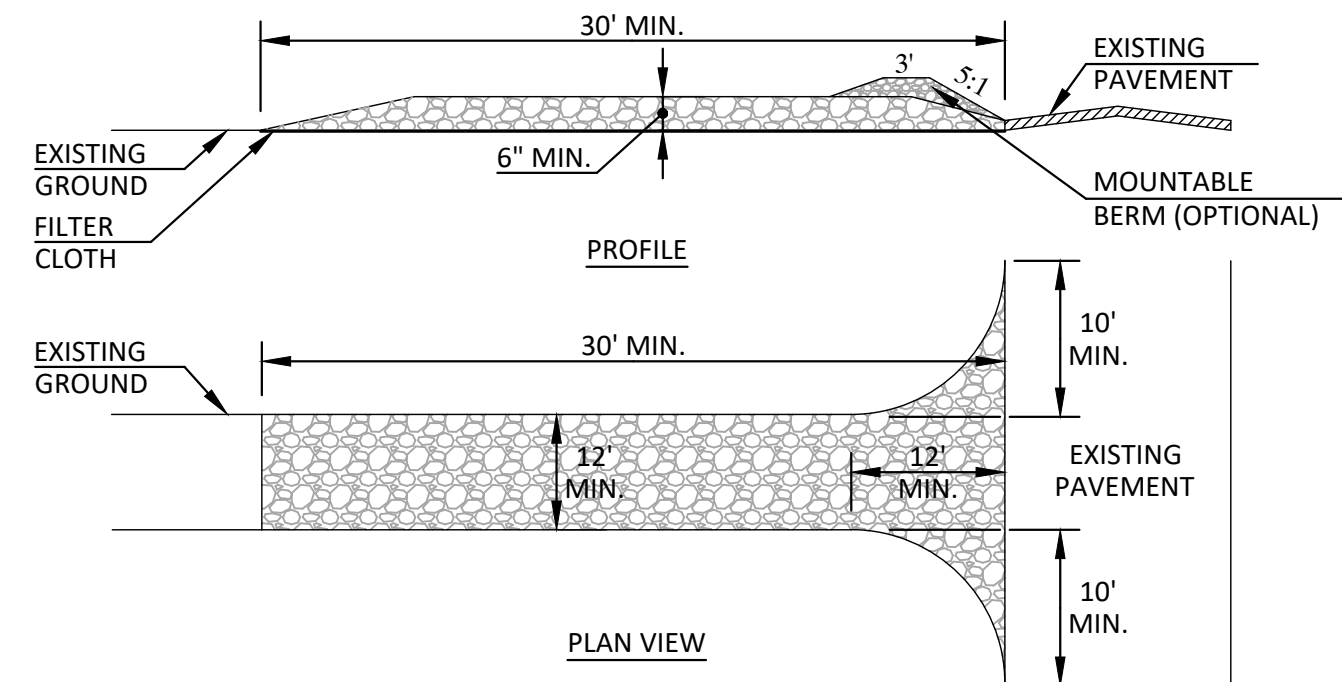
**• GENERAL LAND GRADING**  
The applicant/developer or their representatives shall be on-site at all times when construction or grading activity takes place and shall inspect and document the effectiveness of all sediment and erosion control practices. No more than five (5) acres of disturbed land will be exposed without stabilization at any one time.

The intent of the erosion controls is to control all disturbed areas, such that soils are protected from erosion by temporary methods and, ultimately by permanent vegetation.

**• DUST CONTROL**  
Where vegetative or mulch cover is not practicable in disturbed areas of the site, dust shall be controlled by the use of water sprinkling. The surface shall be sprayed until wet. Dust control shall continue until such time as the entire site is adequately stabilized with permanent vegetative cover.

**• POLLUTION PREVENTION MEASURES FOR CONSTRUCTION RELATED ACTIVITIES**  
Pollution prevention practices for preventing litter, construction chemicals (if applicable) and construction debris from becoming a pollutant source in stormwater discharge include daily pickup of construction debris, inspection, and physical controls such as silt fencing. Inspections will also be conducted to ensure that control measures are necessary. During construction, maintenance, construction and waste materials will be stored within suitable areas/dumpsters, as appropriate, to minimize the exposure of the materials to stormwater and spill prevention. All maintenance and construction waste will be disposed of in a safe manner in accordance with all applicable regulations.

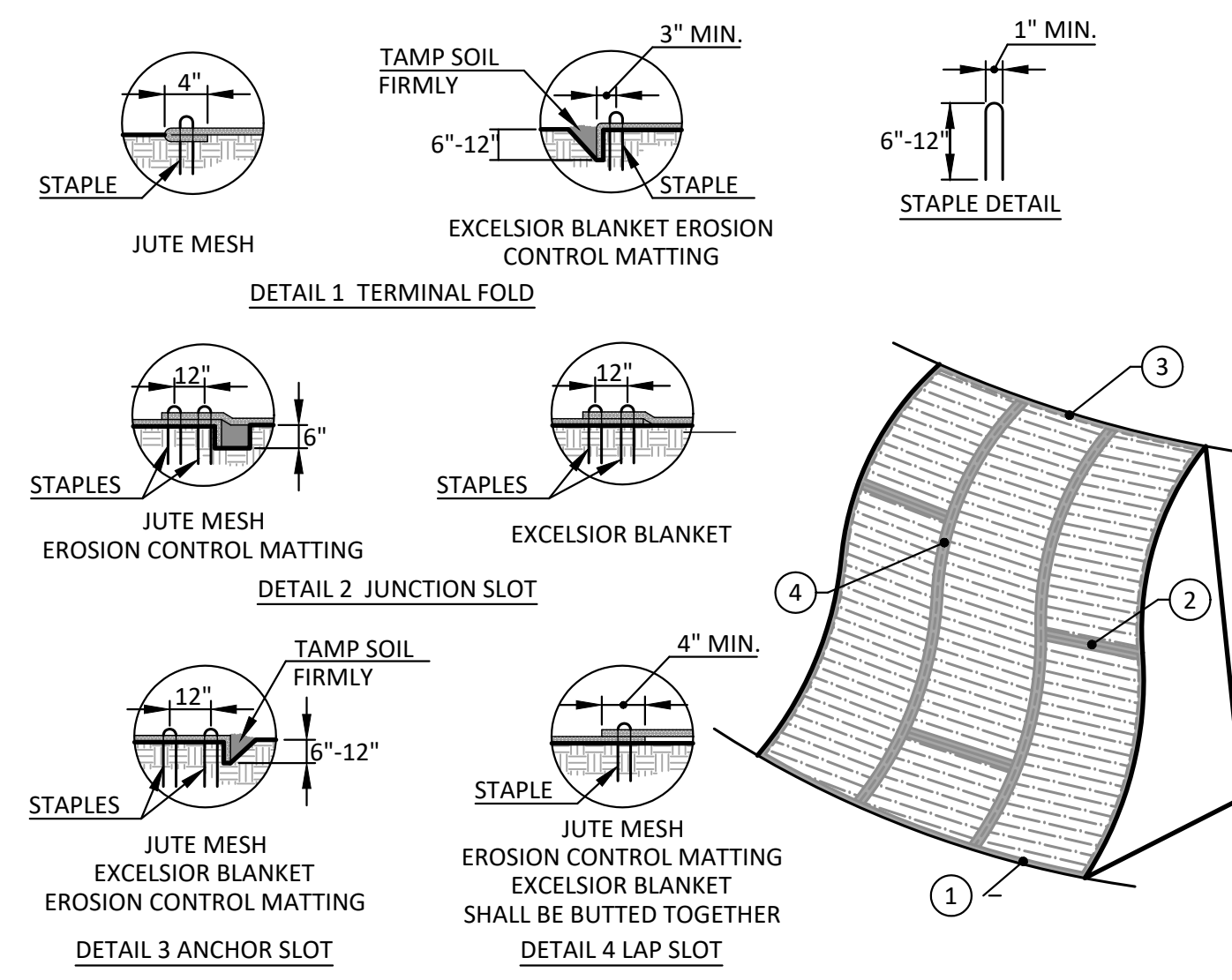
**STABILIZED CONSTRUCTION ENTRANCE DETAIL (N.T.S.)**



**CONSTRUCTION SPECIFICATIONS**

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 30 FEET
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

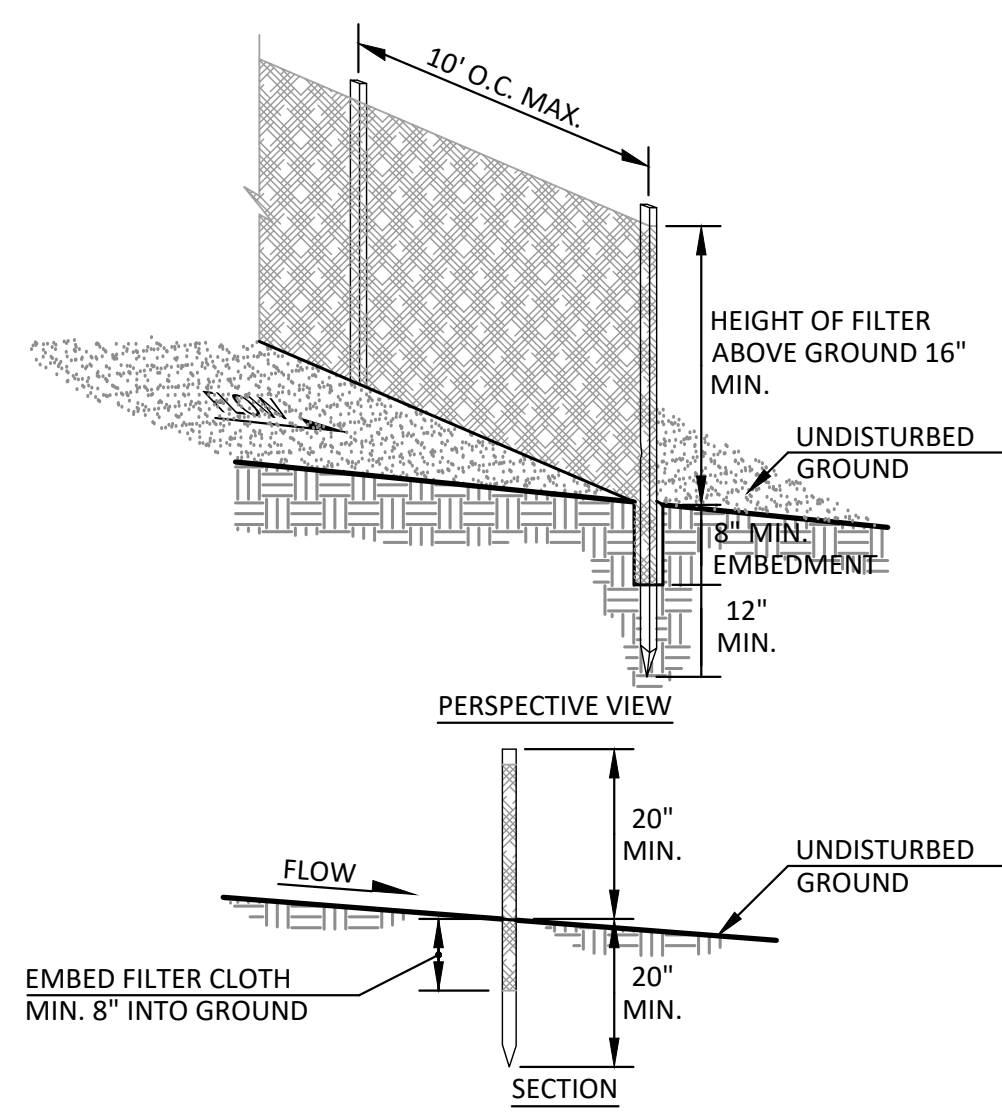
**EROSION CONTROL BLANKET DETAIL (N.T.S.)**



**CONSTRUCTION SPECIFICATIONS**

1. APPLY TO SLOPES GREATER THAN 3H:1V OR WHERE NECESSARY TO AID IN ESTABLISHING VEGETATION.
2. APPLY FERTILIZER, LIME AND SEED PRIOR TO PLACING MATTING.
3. STAPLES ARE TO BE PLACED ALTERNATELY, IN COLUMNS APPROXIMATELY 2' APART AND IN ROWS APPROXIMATELY 3' APART. APPROXIMATELY 175 STAPLES ARE REQUIRED PER 4' X 225' ROLL OF MATERIAL AND 125 STAPLES ARE REQUIRED PER 4' X 150' ROLL OF MATERIAL.
4. DISTURBED AREAS SHALL BE SMOOTHLY GRADED. EROSION CONTROL MATERIAL SHALL BE PLACED LOOSELY OVER GROUND SURFACE. DO NOT STRETCH.
5. ALL TERMINAL ENDS AND TRANSVERSE LAPS SHALL BE STAPLED AT APPROXIMATELY 12" INTERVALS.

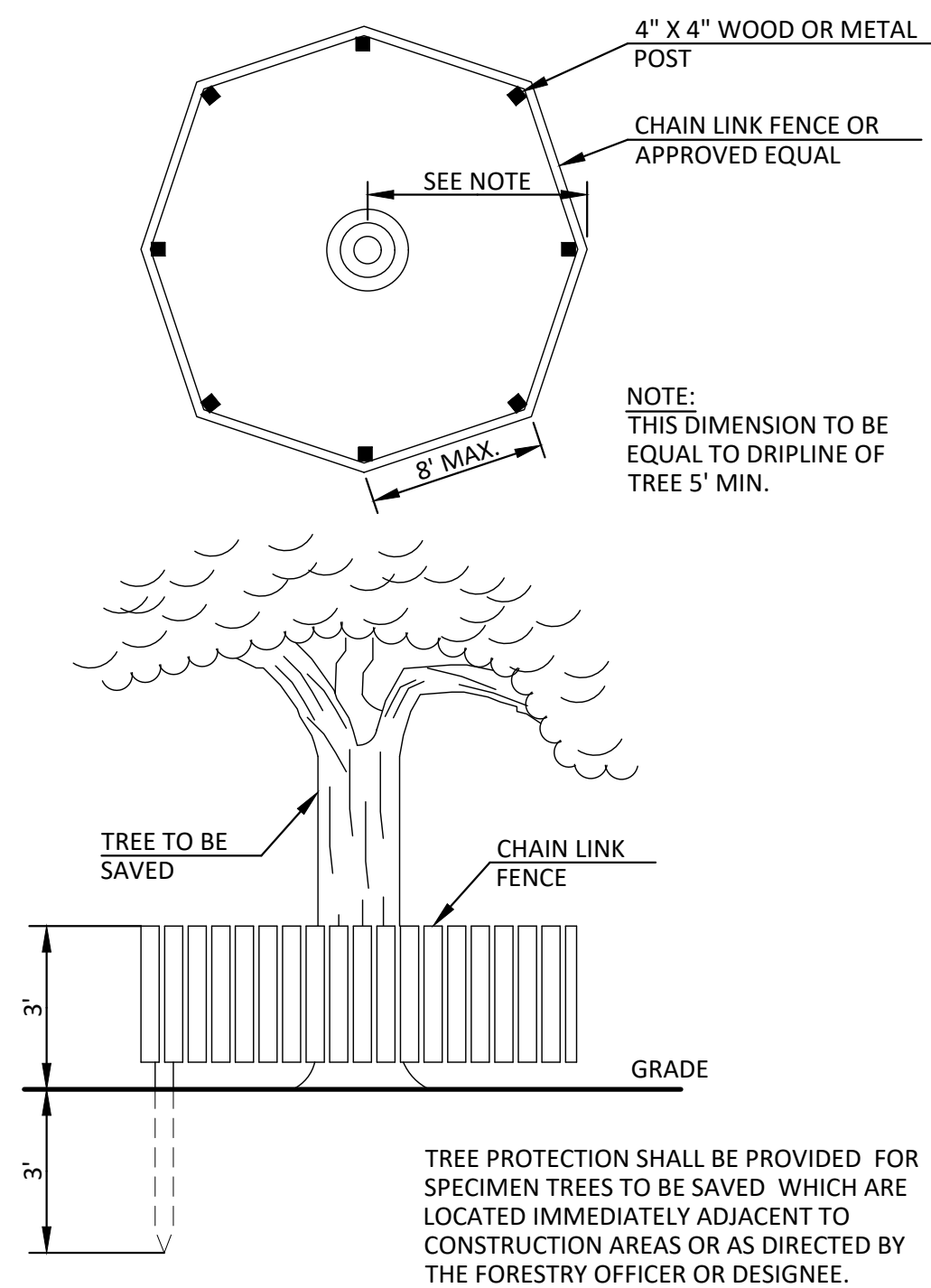
**SILT FENCE DETAIL (N.T.S.)**



**CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**

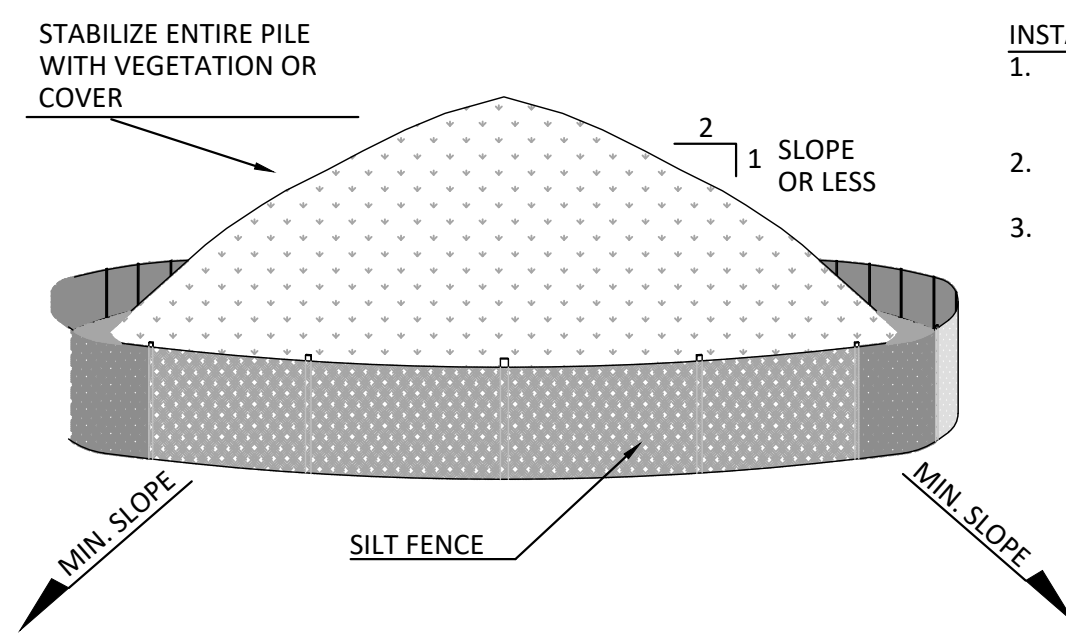
1. FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION. POSTS: STEEL EITHER T OR U TYPE HARDWOOD OR 2" FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N, AND FOLDED. PREFABRICATED UNIT: GEOFAB, ENVIRFENCE, OR APPROVED EQUAL
2. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES
3. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

**TREE PROTECTION DETAIL (N.T.S.)**



TREE PROTECTION SHALL BE PROVIDED FOR SPECIMEN TREES TO BE SAVED WHICH ARE LOCATED IMMEDIATELY ADJACENT TO CONSTRUCTION AREAS OR AS DIRECTED BY THE FORESTRY OFFICER OR DESIGNEE.

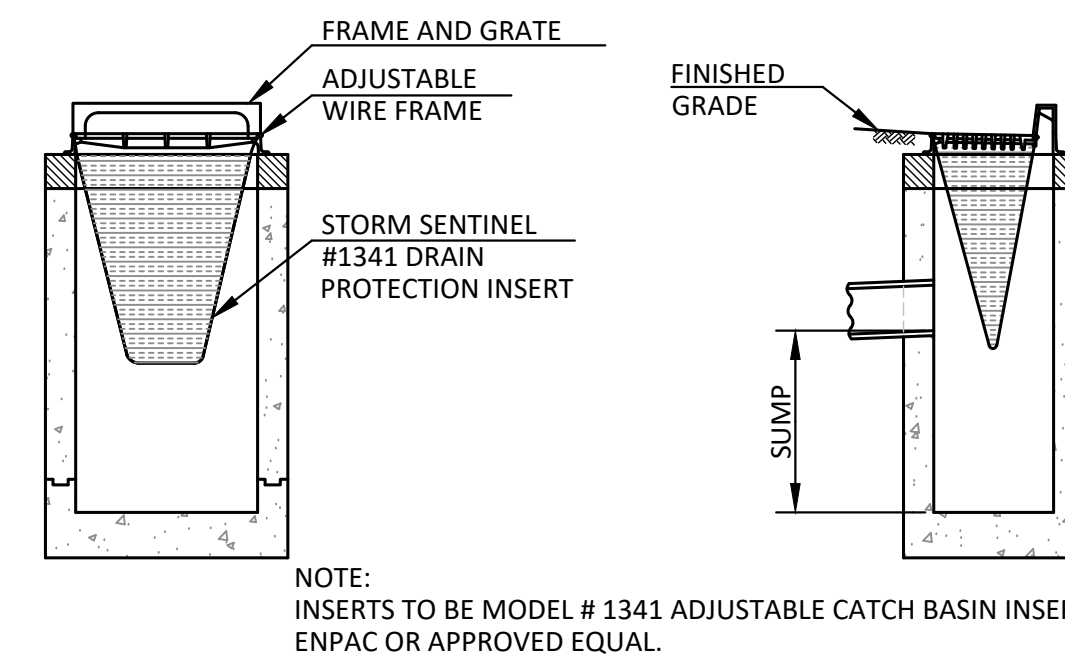
**TEMPORARY SOIL STOCKPILE DETAIL (N.T.S.)**



**INSTALLATION NOTES**

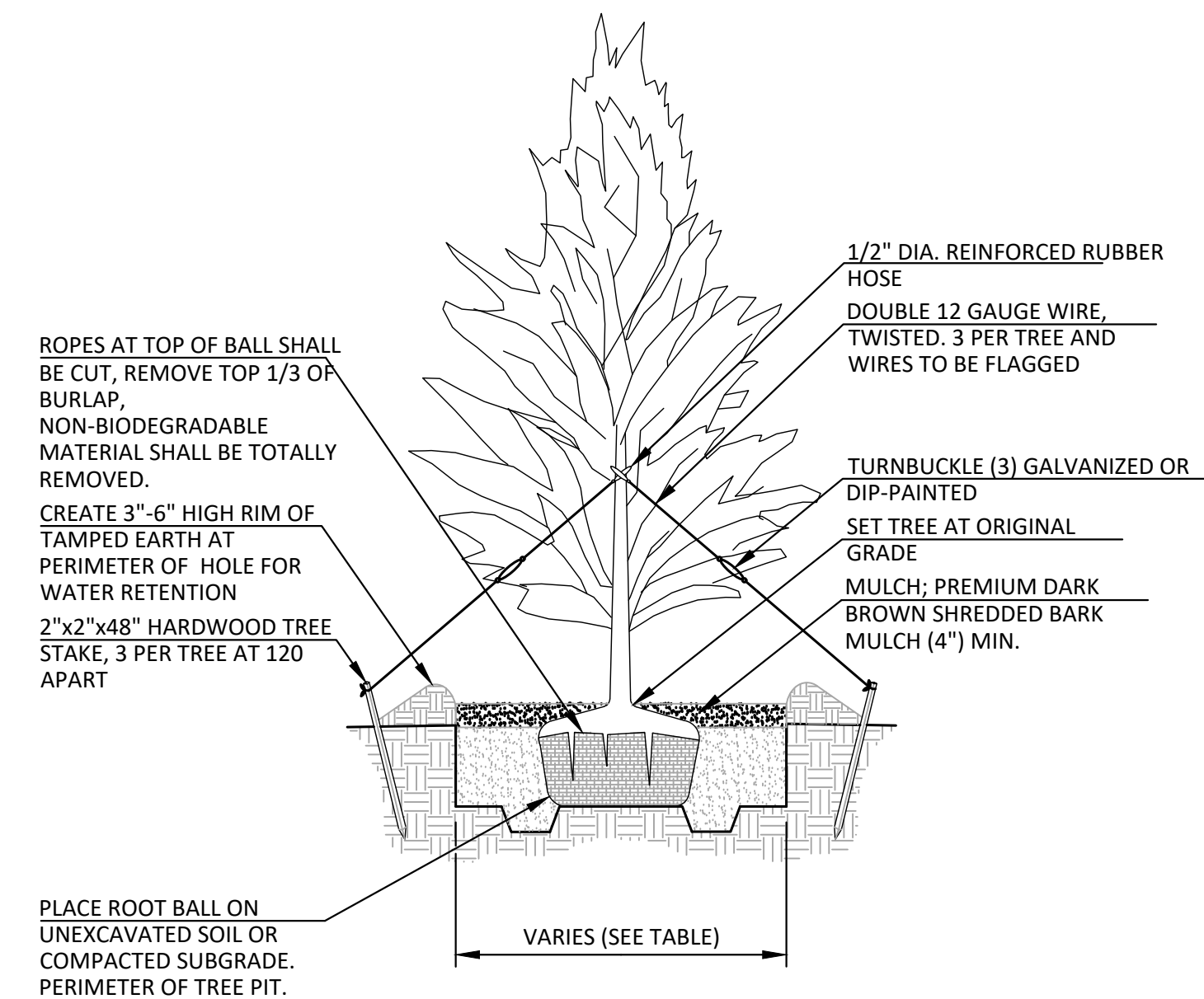
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
2. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.

**CATCH BASIN FILTERS - INLET PROTECTION DETAIL (N.T.S.)**



NOTE: INSERTS TO BE MODEL # 1341 ADJUSTABLE CATCH BASIN INSERTS BY ENPAC OR APPROVED EQUAL.

**EVERGREEN TREE PLANTING DETAIL (N.T.S.)**



HOLE DIAMETER TABLE	
ROOT BALL SIZE	HOLE DIAMETER
LESS THAN 4' Ø	2X BALL Ø
4'-5' Ø	1 3/4X BALL Ø
GREATER THAN 5' Ø	1 1/2X BALL Ø

NOTE: PLANTED TREES SHALL BE PROTECTED AGAINST DEER BROWSE/DAMAGE BY REGULAR APPLICATION OF DEER REPELLANT OR USE OF PLASTIC NETTING OR WIRE MESH, TREE GUARDS, ETC. OR OTHER MEASURES.

**DETAILS**

**2649-2651 STRANG BOULEVARD**

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK



CONSULTING ENGINEERING & LANDSCAPE ARCHITECTURE PLANNING, D.P.C.

500 MAIN STREET ARMONK, N.Y. 10504

P: (914) 273-2323 F: (914) 273-2329

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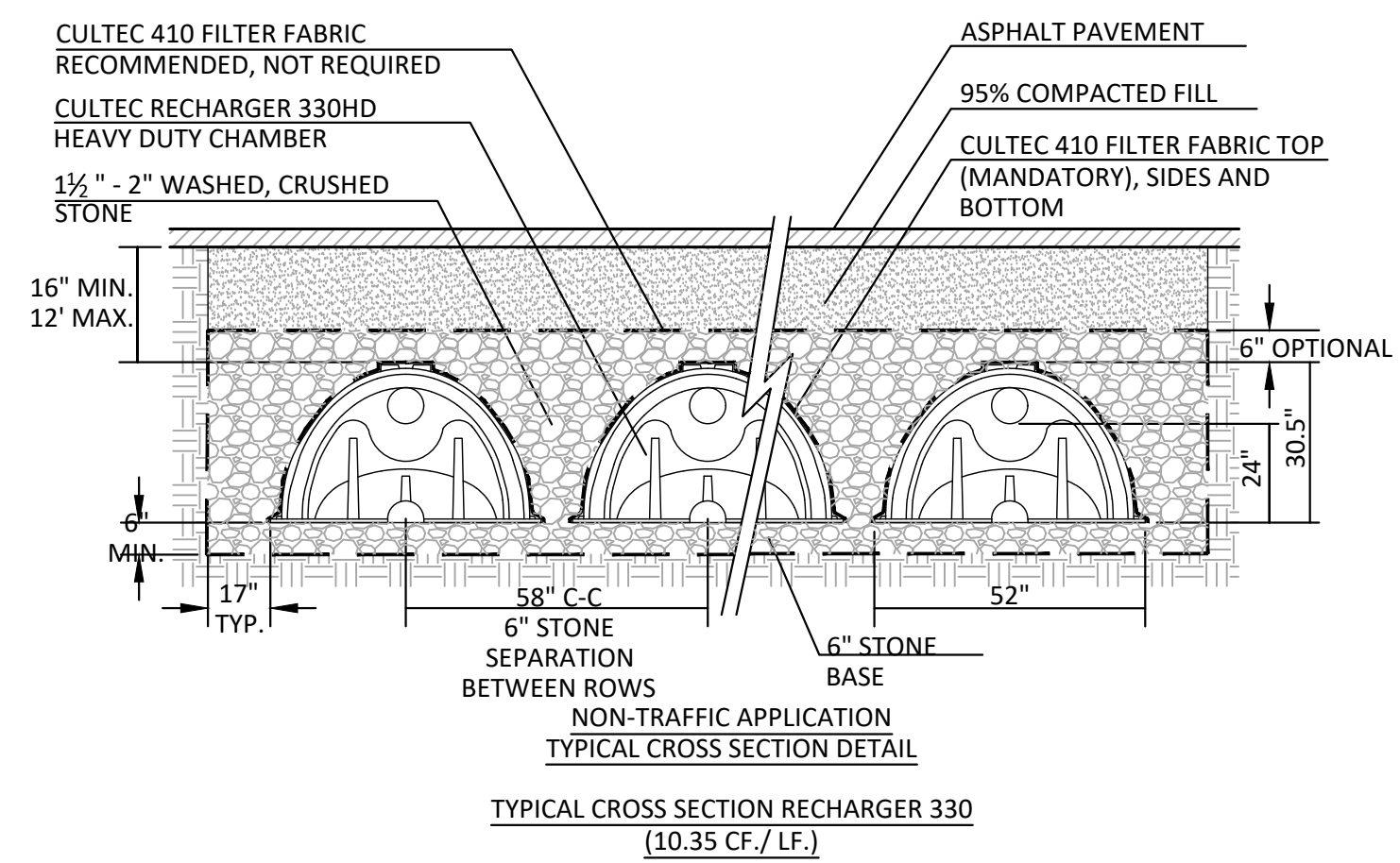
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PROJECT I.D.: YRHP600	
DATE: JUNE 18, 2021	

**REVISIONS**

**Call811**  
THE CONTRACTOR SHALL CALL FOR A UTILITY MARK-OUT AT LEAST 2 DAYS BUT NO MORE THAN 10 DAYS PRIOR TO ANY EXCAVATION.



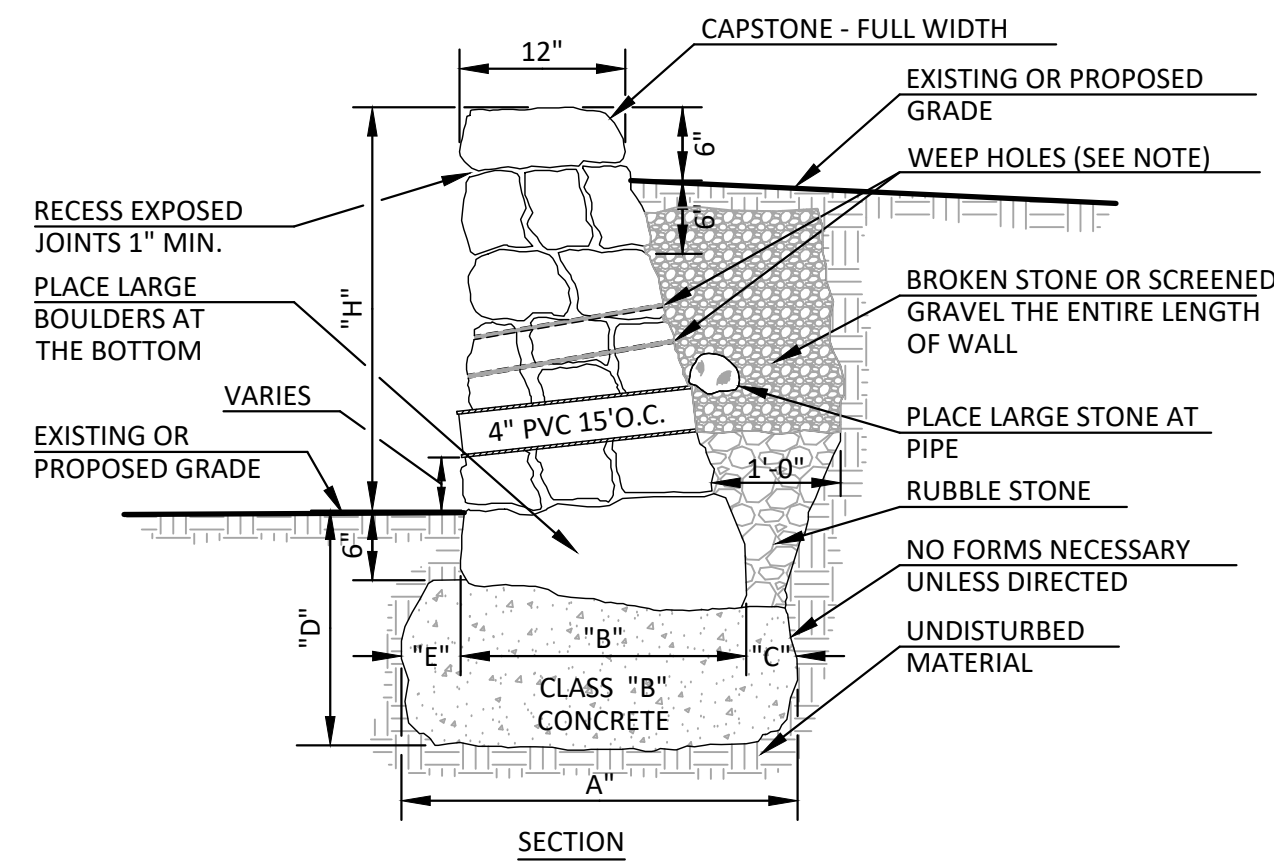
### 330 HD CULTEC RECHARGER CHAMBER SYSTEM DETAIL (N.T.S.)



CALCULATIONS BASED ON 40% STONE VOID

**GENERAL NOTES**  
RECHARGER™ 330 BY CULTEC, INC. OF BROOKFIELD, CT. ALL RECHARGER™ 330 CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. REFER TO MANUFACTURER, CULTEC, INC.'S RECOMMENDED INSTALLATION GUIDELINES. ALL RECHARGER™ 330HD HEAVY DUTY UNITS ARE MARKED WITH A 4" STRIPE ALONG THE LENGTH OF THE CHAMBER. 6" STONE ABOVE THE CHAMBER IS OPTIONAL FOR ADDITIONAL STORAGE.

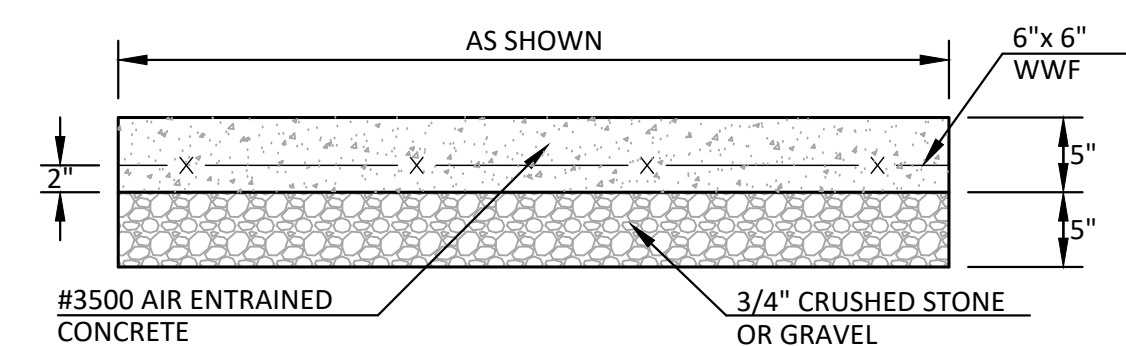
### RUBBLE STONE MASONRY RETAINING WALL DETAIL (N.T.S.)



DIMENSIONS					
H(Ft)	"A"	"B"	"C"	"D"	"E"
1	2'-0"	1'-6"	3"	2'-0"	3"
2	2'-6"	2'-0"	3"	2'-0"	3"
3	3'-2"	2'-6"	4"	3'-0"	4"
4	3'-8"	3'-0"	4"	3'-0"	4"
5	4'-6"	3'-6"	6"	3'-0"	6"
6	5'-0"	4'-0"	6"	3'-0"	6"

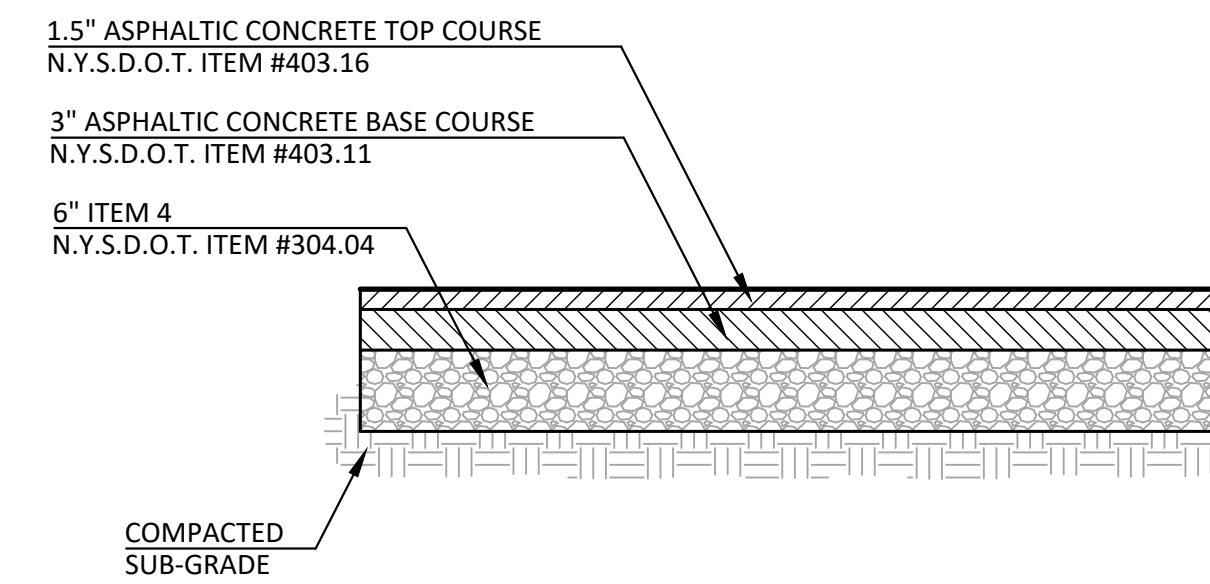
- NOTES:**
- RETAINING WALLS OVER 6FT. IN HEIGHT SHALL BE ENGINEERED OR IN CASE OF ROCK OCCURRENCE; 8 ON 1 ROCK CUT SHALL BE UTILIZED.
  - STAGGER WEEP HOLES 18" O.C. VERTICALLY.
  - IN ROCK CUT AREAS; ALL ROCK CUTS SHALL BE STABILIZED TO THE SATISFACTION OF THE TOWN'S REPRESENTATIVE.

### CONCRETE SIDEWALK DETAIL (N.T.S.)

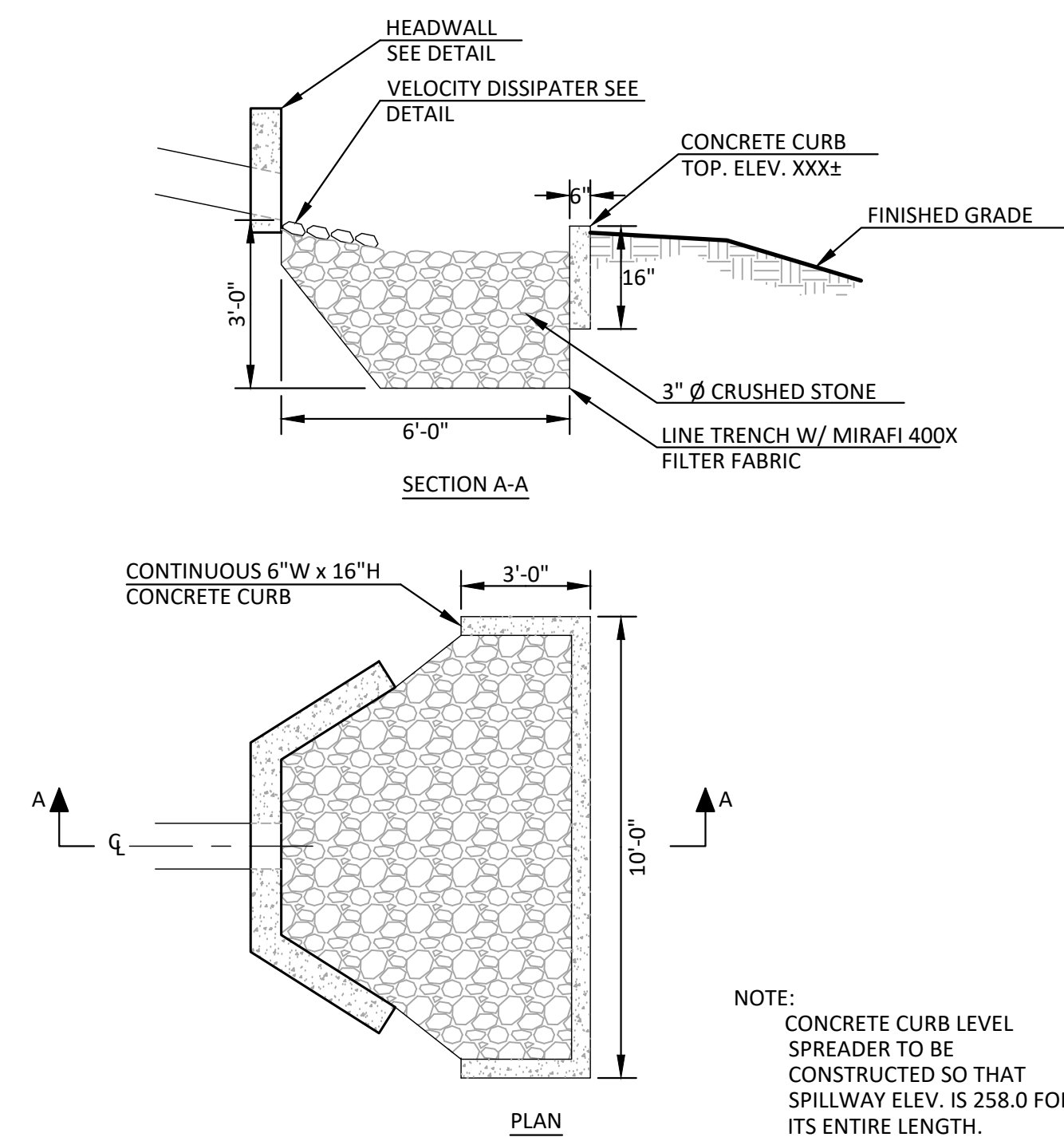


- NOTES:**
- SIDEWALK TO BE CONSTRUCTED WITH SLOPE OF 1/4" PER FOOT AND PITCHED TOWARDS DRIVEWAY.
  - BITUMINOUS EXPANSION JOINTS @ 40' O.C.
  - CONTRACTION JOINTS @ 5' O.C.

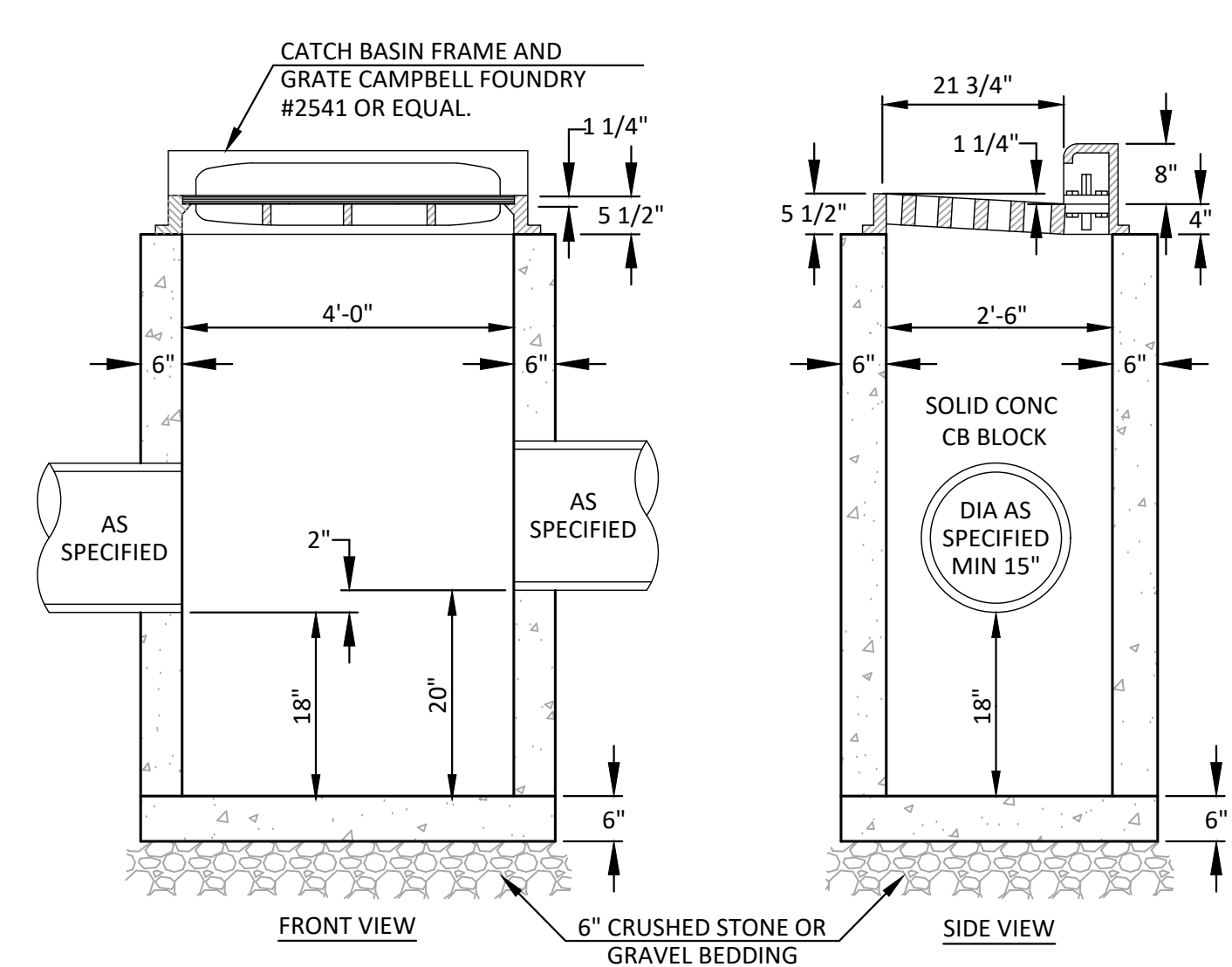
### CONCRETE PAVEMENT DETAIL (N.T.S.)



### LEVEL SPREADER/VELOCITY DISSIPATER DETAIL (N.T.S.)

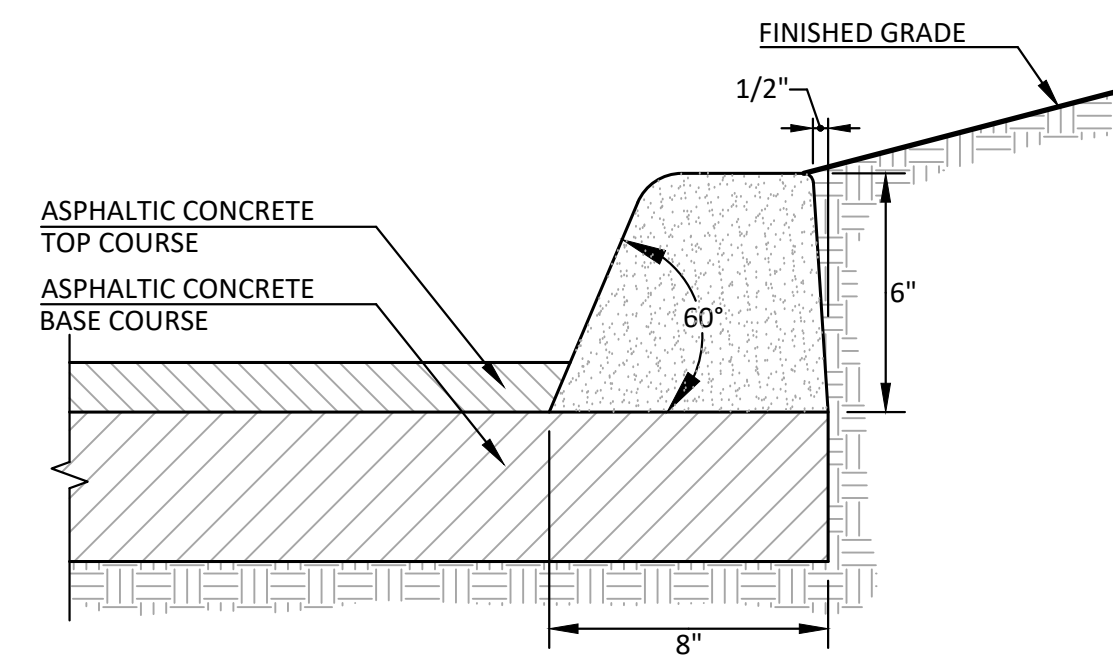


### CATCH BASIN DETAIL (N.T.S.)

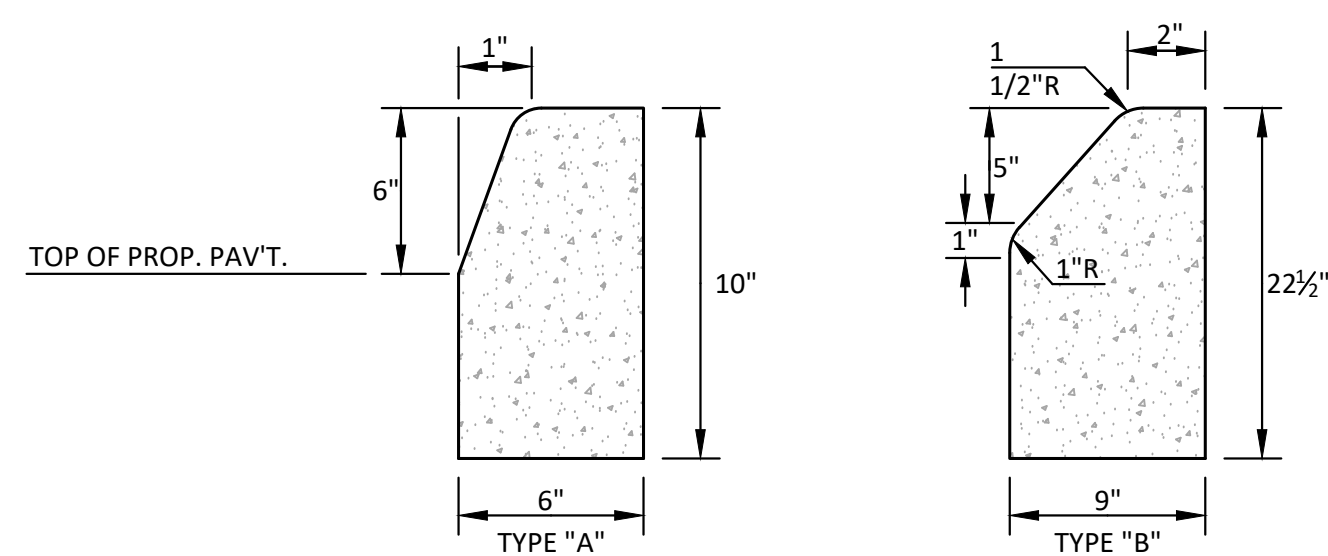


**NOTE:**  
TYPE A CATCH BASIN AS SHOWN HERE ON WILL BE UTILIZED WHERE THE NEED FOR A DROP INLET EXISTS. THE CURB TYPE CASTING SHALL BE SUBSTITUTED WITH CAMPBELL FOUNDRY FRAME AND GRATE # 3433 OR EQUAL.

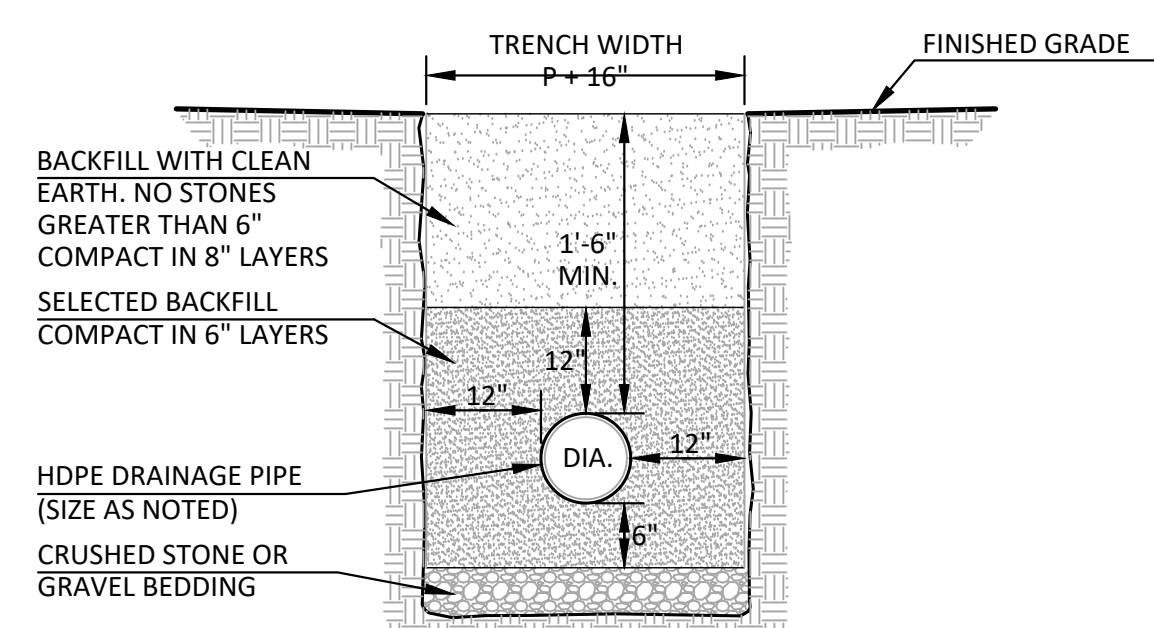
### ASPHALTIC CONCRETE CURB DETAIL (N.T.S.)



### CONCRETE CURB DETAIL (N.T.S.)



### TRENCH DETAIL (N.T.S.)



## DETAILS

### 2649-2651 STRANG BOULEVARD

TOWN OF YORKTOWN HEIGHTS WESTCHESTER COUNTY, NEW YORK

**KELLARD SESSIONS**

CONSULTING  
ENGINEERING  
&  
LANDSCAPE  
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PLANNING, D.P.C.

500 MAIN STREET  
ARMONK, N.Y. 10504  
P: (914) 273-2323  
F: (914) 273-2329  
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PROJECT I.D.:	YRHP600
DATE:	JUNE 18, 2021

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