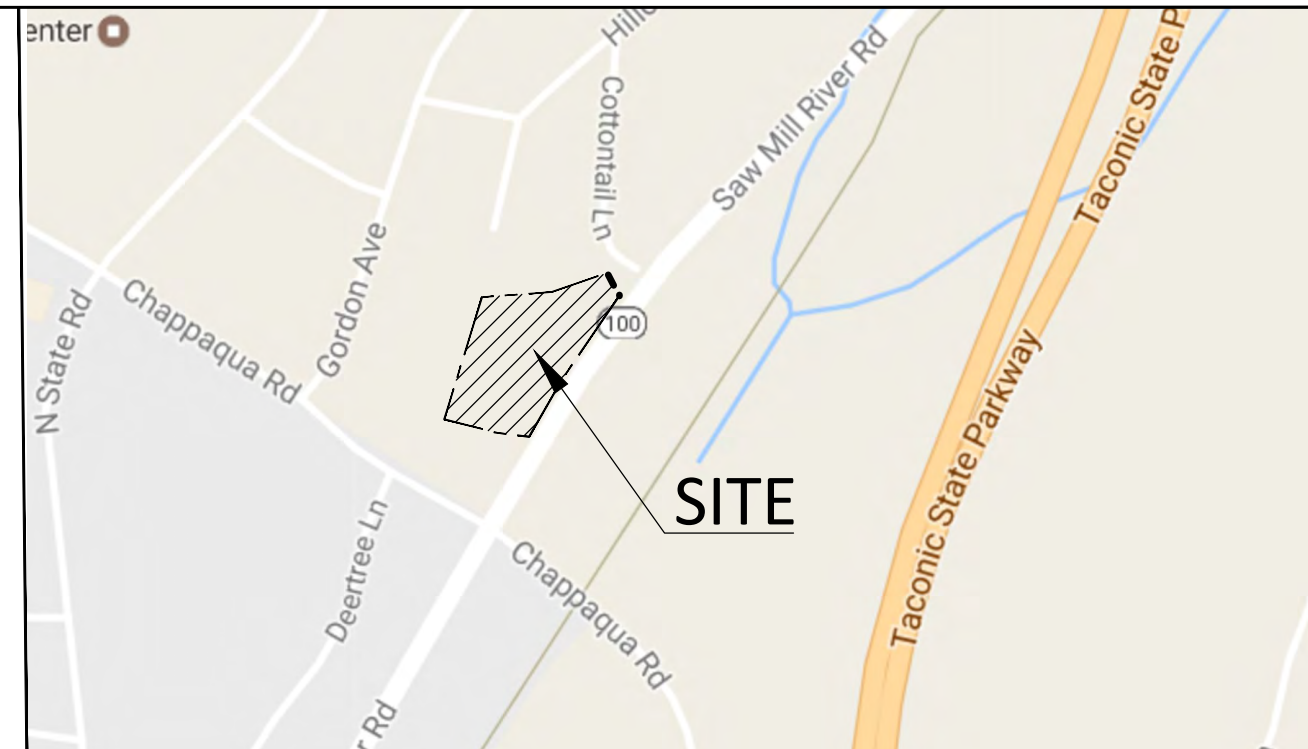
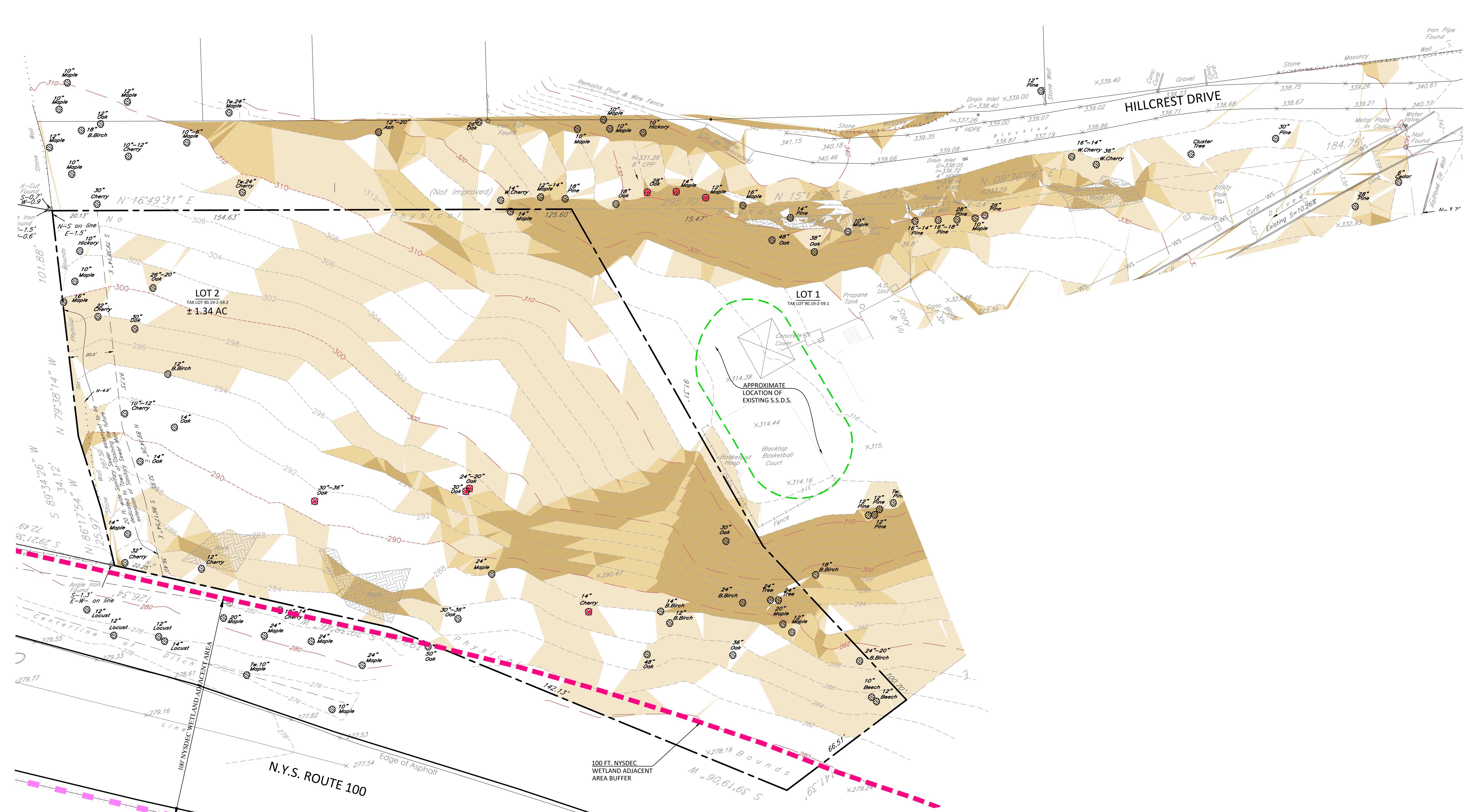


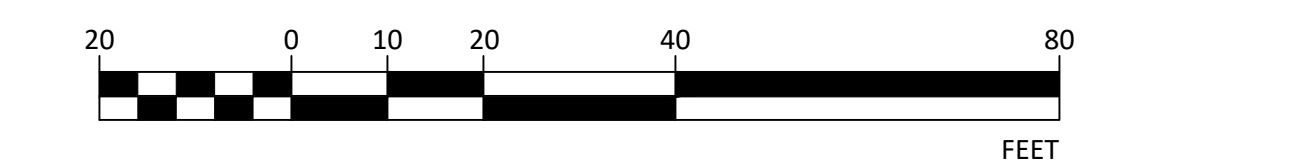
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LOCATION MAP	
NOT TO SCALE	
SITE DATA:	
OWNER:	LISA & MICHAEL D'ONOFRIO 3 SPENCER PLACE OSSINING, N.Y. 10562
PROJECT SITE:	LOT 59.2 HILLCREST DRIVE BRIARCLIFF MANOR, N.Y. 10510
TAX MAP ID NUMBER:	SECTION 90.19, BLOCK 2, LOT 59.2 RS # 2
LOT AREA:	± 1.3 AC (± 58,370.4 SF)
ZONING DISTRICT:	RESIDENTIAL R-30
FIRE DISTRICT:	BRIARCLIFF FIRE DISTRICT
SCHOOL DISTRICT:	OSSINING SCHOOL DISTRICT
WATER SUPPLY:	OSSINING WATER DEPARTMENT

LEGEND	
	EXISTING PROPERTY LINE
	100 FT. NYSDEC WETLAND ADJACENT AREA BUFFER
	NYSDEC WETLAND BOUNDARY
	SLOPES 15-25%
	SLOPES 25-35%
	SLOPES GREATER 35%
	APPROXIMATE LOCATION OF EXISTING OFF-SITE SEPTIC SYSTEM
	EXISTING TREE TO REMAIN
	EXISTING TREE TO BE REMOVED

TREES TO BE REMOVED	
1.	12" MAPLE (DRIVEWAY)
2.	14" MAPLE (DRIVEWAY)
3.	28" OAK (DRIVEWAY)
4.	30" OAK (SEPTIC)
5.	26" OAK (SEPTIC)
6.	30" OAK (SEPTIC)
7.	14" CHERRY (INFILTRATION)
7.	TOTAL TREES TO BE REMOVED



EXISTING CONDITIONS AND REMOVALS
PLAN

D'ONOFRIO RESIDENCE

TOWN OF OSSINING

WESTCHESTER COUNTY, NEW YORK

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PROFESSIONAL ENGINEER

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REVISIONS

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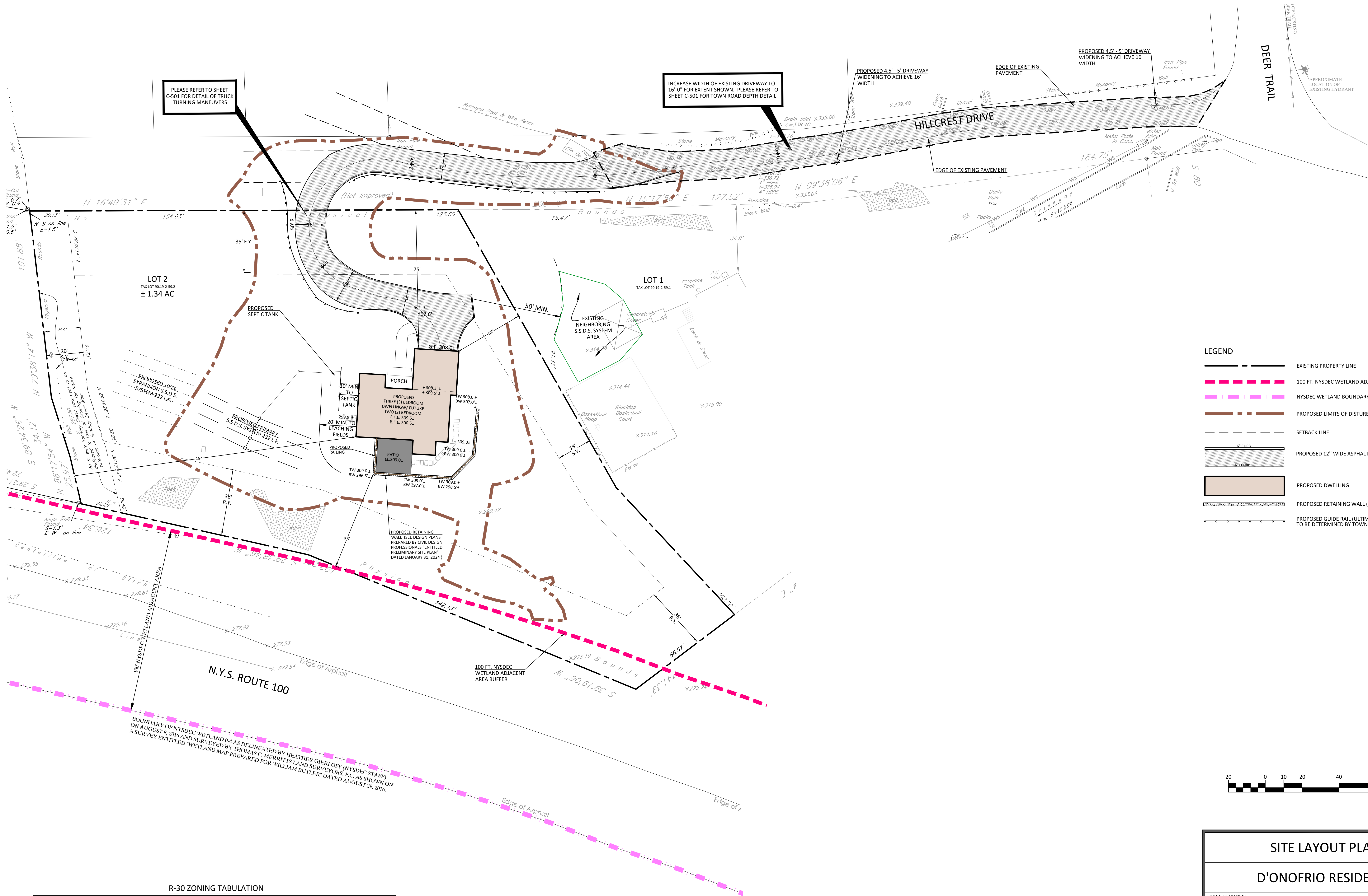
PROJECT I.D.:
OSSONOFRI0100
DATE:
MARCH 01, 2024

GENERAL NOTE:
1. SURVEY INFORMATION AND TOPOGRAPHY IS BASED UPON THE MAP PREPARED BY WARD CARPENTERS ENGINEERS, INC., LAST DATED, NOVEMBER 13, 2013.

Call 811
THE CONTRACTOR SHALL CALL FOR A UTILITY MARK-OUT AT LEAST 2 DAYS BUT NO MORE THAN 10 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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R-30 ZONING TABULATION

LOT	MINIMUM LOT AREA (SQUARE FEET)	MINIMUM LOT WIDTH (FEET)	MINIMUM LOT DEPTH (FEET)	MINIMUM YARD REQUIREMENTS			MAXIMUM HEIGHT (FEET)	COVERAGE (PERCENT)
				FRONT (FEET)	LESSER SIDE/TOTAL BOTH SIDES (FEET)	REAR (FEET)		
REQUIRED	30,000	125	150	35	18/38	36	2 1/2	20
LOT 2	58,370	220	158	75	38/192	53	2 1/2	3.7

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SITE LAYOUT PLAN

D'ONOFRIO RESIDENCE

TOWN OF OSSING

WESTCHESTER COUNTY, NEW YORK

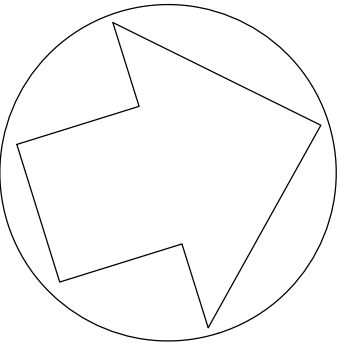


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PROJECT I.D.:

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DATE:

MARCH 01, 2024



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Call 811
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GRADING, UTILITY & EROSION AND SEDIMENT CONTROL PLAN

D'ONOFRIO RESIDENCE

TOWN OF OSSING WESTCHESTER COUNTY, NEW YORK

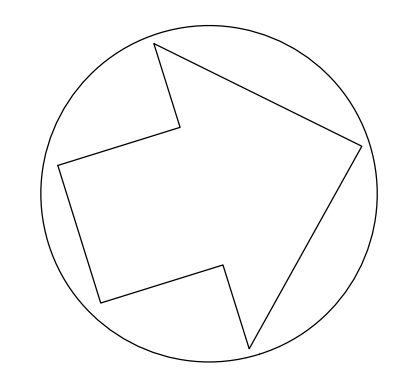
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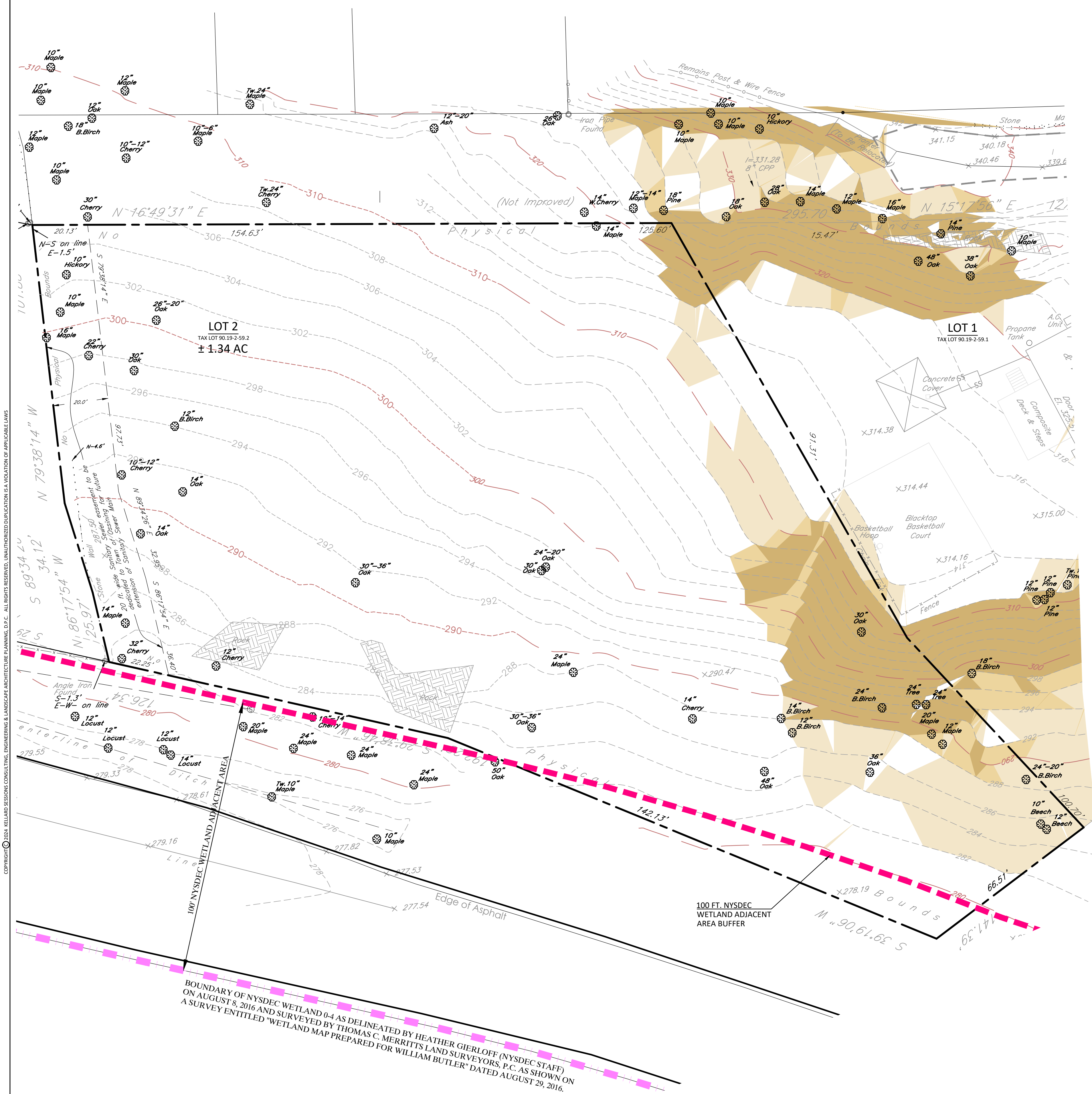
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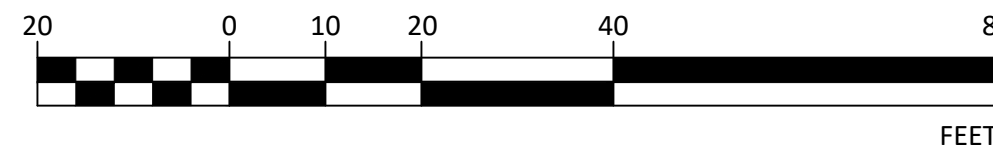
MARCH 01, 2024

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PRE-DEVELOPMENT SLOPES



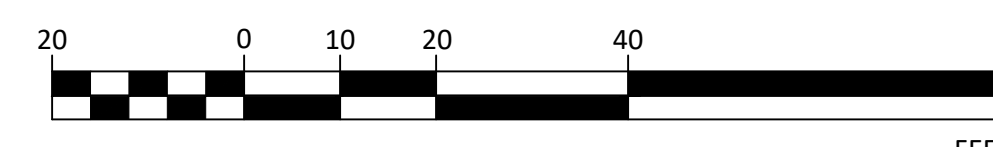
SLOPE DISTURBANCE	
15 - 25% SLOPES	12,002 SF
25 - 35% SLOPES	2,609 SF
35% SLOPES OR GREATER	2,017 SF

LEGEND

- EXISTING PROPERTY LINE
- 100 FT. NYSDEC WETLAND ADJACENT AREA BUFFER
- NYSDEC WETLAND BOUNDARY
- SLOPES 15-25%
- SLOPES 25-35%
- SLOPES GREATER 35%
- LIMIT OF DISTURBANCE
- EXISTING TREE



POST-DEVELOPMENT SLOPES



GENERAL NOTE:

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SLOPE DISTURBANCE PLAN

D'ONOFRIO RESIDENCE

TOWN OF OSSINGWESTCHESTER COUNTY, NEW YORK

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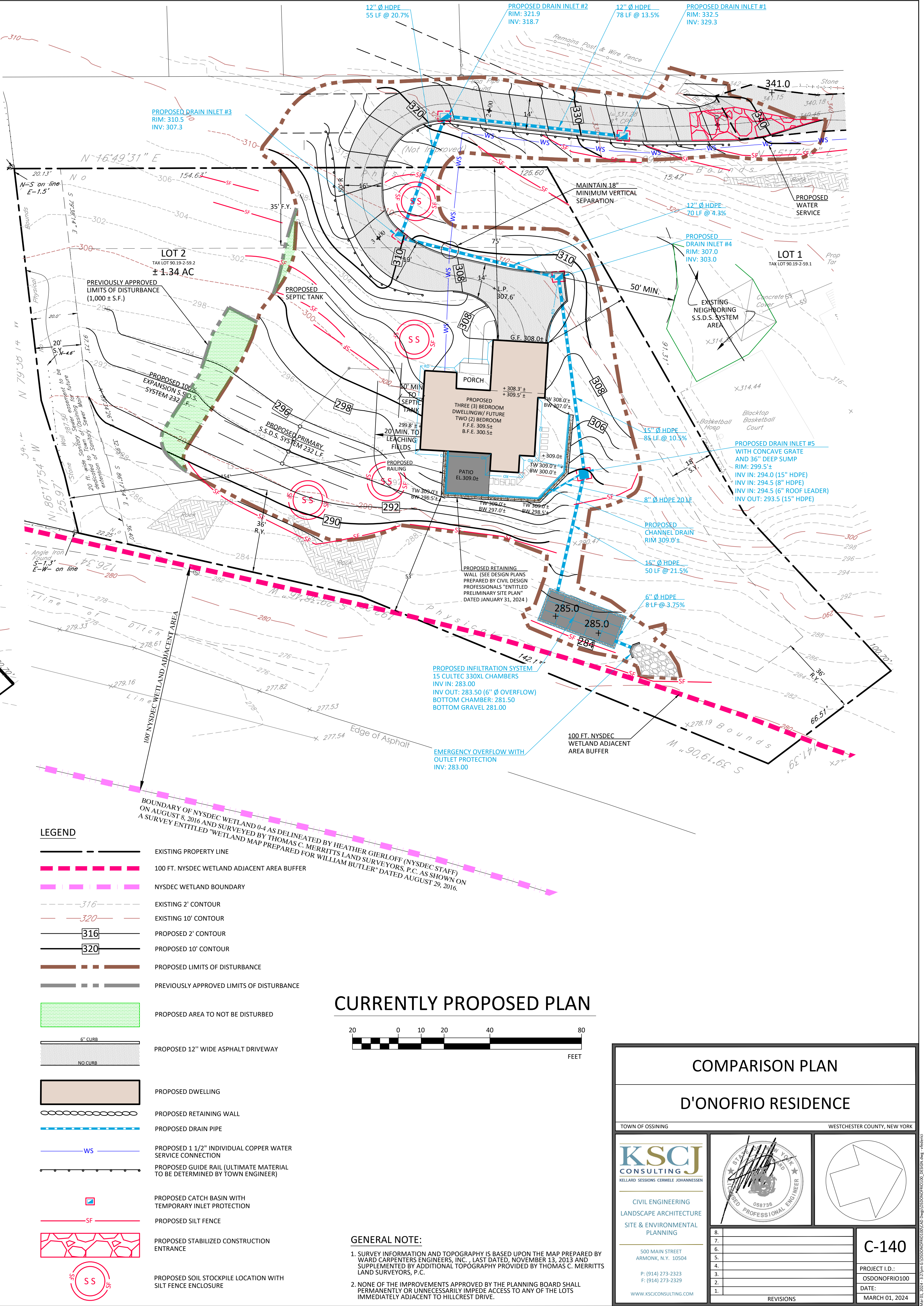
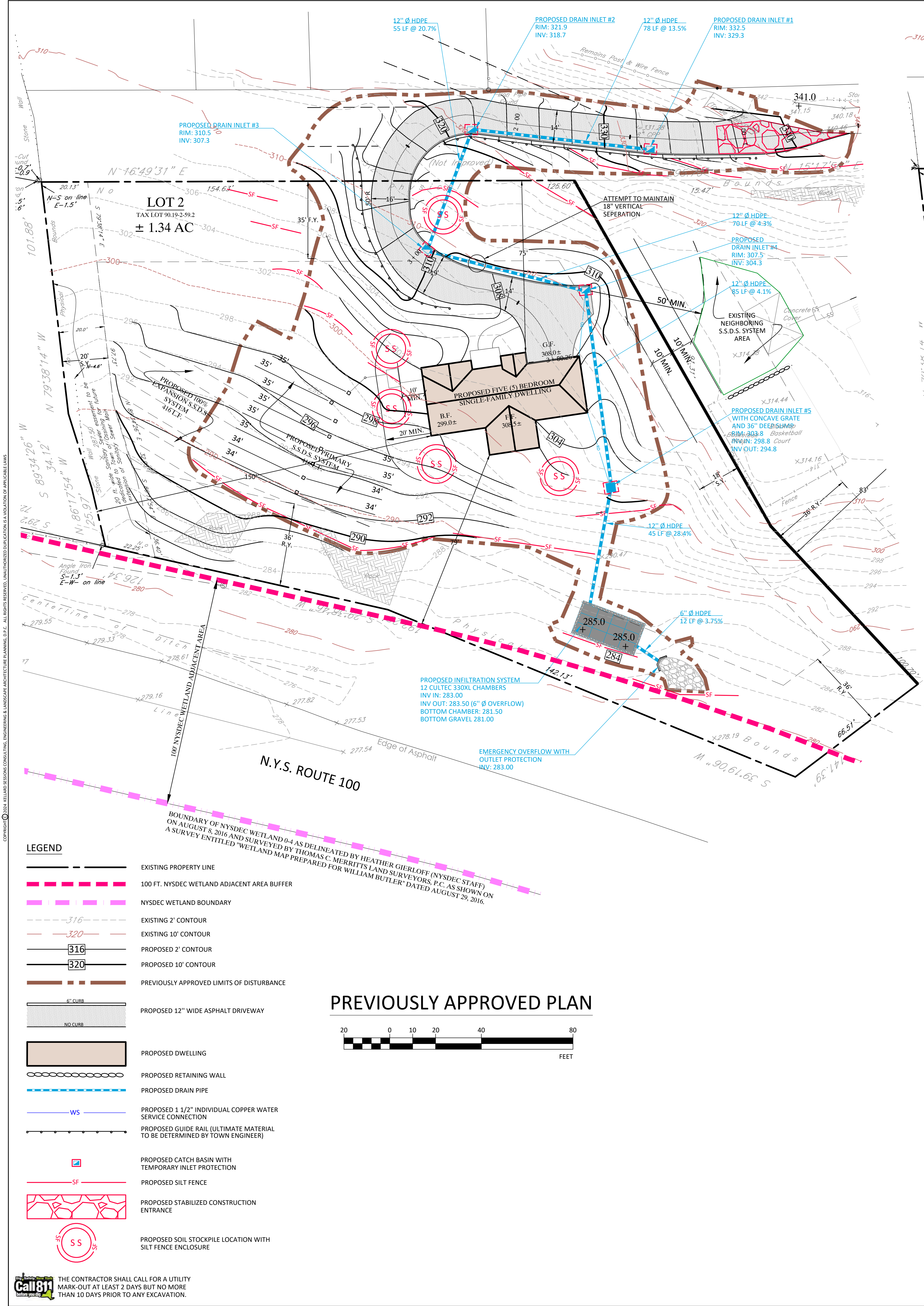
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REVISIONS

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PROJECT I.D.:
OSSONOFRI0100
DATE:
MARCH 01, 2024

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COMPARISON PLAN

D'ONOFRIO RESIDENCE

TOWN OF OSSING

WESTCHESTER COUNTY, NEW YORK

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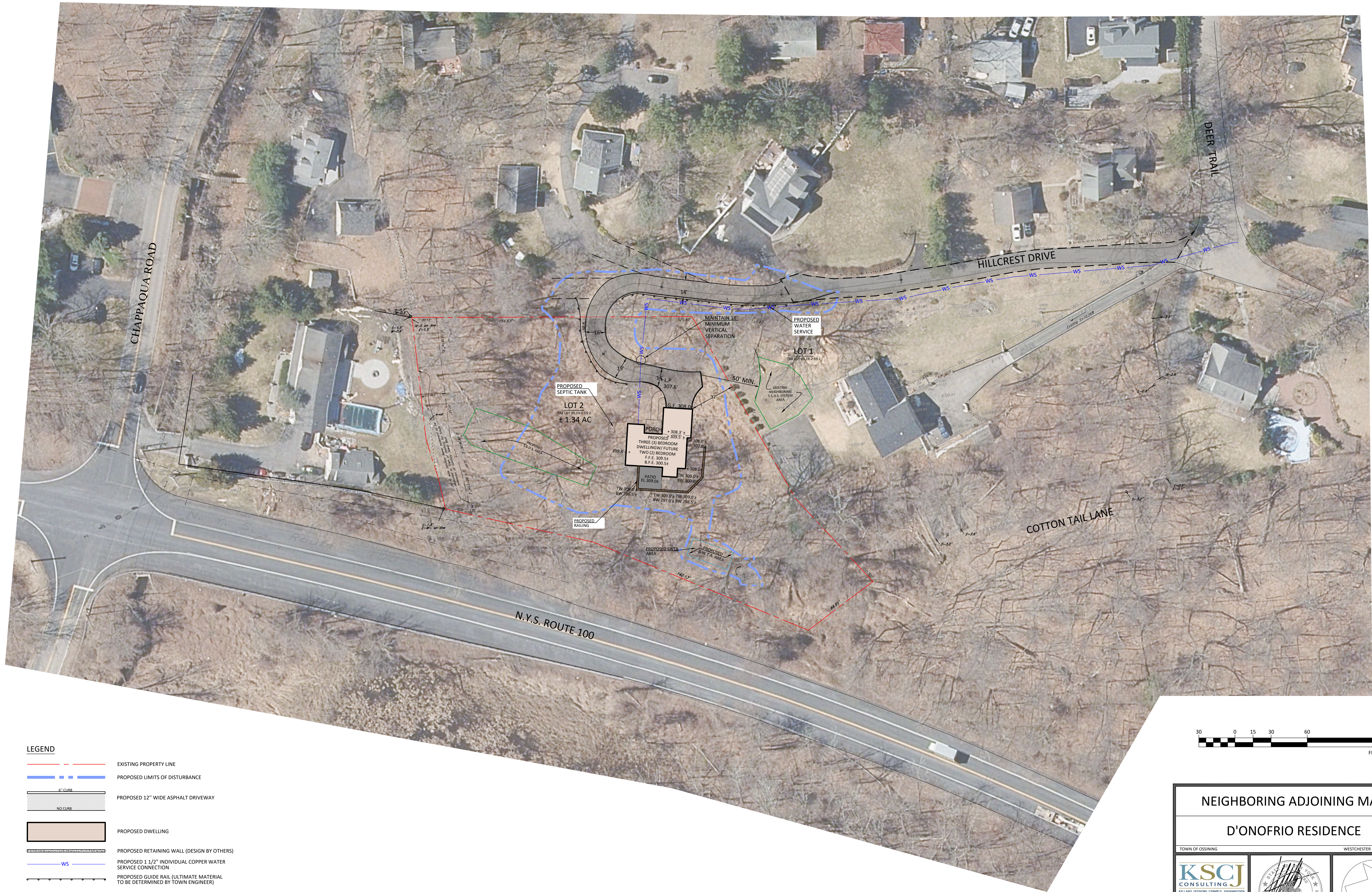
C-140

PROJECT I.D.: OSSONOFRI000

DATE: MARCH 01, 2024

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

GENERAL NOTE:
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LEGEND

- EXISTING PROPERTY LINE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED 12" WIDE ASPHALT DRIVEWAY
- PROPOSED DWELLING
- PROPOSED RETAINING WALL (DESIGN BY OTHERS)
- PROPOSED 1 1/2" INDIVIDUAL COPPER WATER SERVICE CONNECTION
- PROPOSED GUIDE RAIL (ULTIMATE MATERIAL TO BE DETERMINED BY TOWN ENGINEER)



NEIGHBORING ADJOINING MAP

D'ONOFRIO RESIDENCE

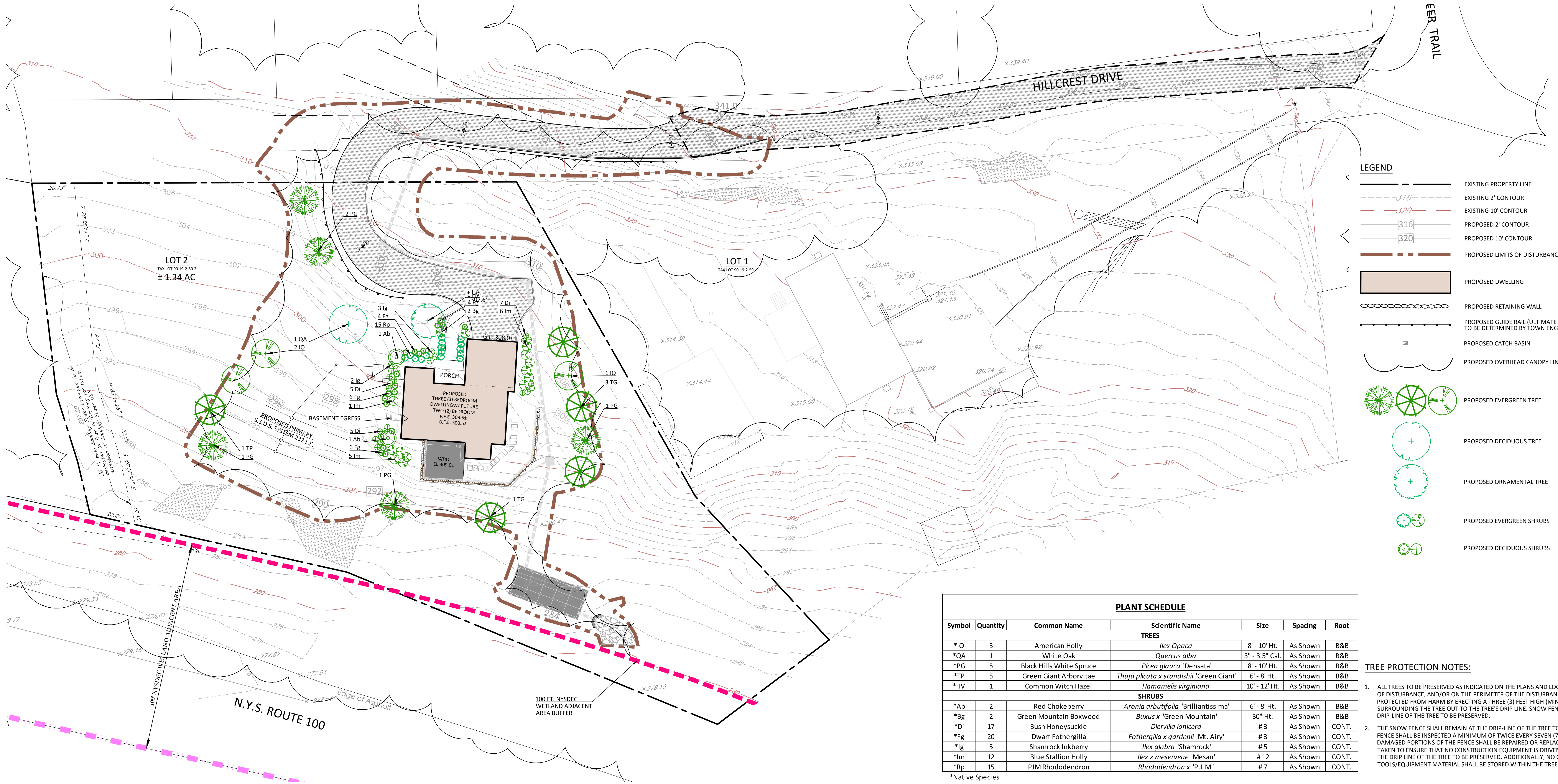
TOWN OF OSSING		WESTCHESTER COUNTY, NEW YORK	
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REVISIONS		PROJECT I.D.: OSDONOFRI0100 DATE: MARCH 01, 2024	

GENERAL NOTE:

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



LEGEND

- EXISTING PROPERTY LINE
- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- PROPOSED 2' CONTOUR
- PROPOSED 10' CONTOUR
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED DWELLING
- PROPOSED RETAINING WALL
- PROPOSED GUIDE RAIL (ULTIMATE MATERIAL TO BE DETERMINED BY TOWN ENGINEER)
- PROPOSED CATCH BASIN
- PROPOSED OVERHEAD CANOPY LINE
- PROPOSED EVERGREEN TREE
- PROPOSED DECIDUOUS TREE
- PROPOSED ORNAMENTAL TREE
- PROPOSED EVERGREEN SHRUBS
- PROPOSED DECIDUOUS SHRUBS

PLANT SCHEDULE

Symbol	Quantity	Common Name	Scientific Name	Size	Spacing	Root
TREES						
*IO	3	American Holly	<i>Ilex Opaca</i>	8' - 10' Ht.	As Shown	B&B
*QA	1	White Oak	<i>Quercus alba</i>	3" - 3.5" Cal.	As Shown	B&B
*PG	5	Black Hills White Spruce	<i>Picea glauca</i> 'Densata'	8' - 10' Ht.	As Shown	B&B
*TP	5	Green Giant Arborvitae	<i>Thuja plicata x standishii</i> 'Green Giant'	6' - 8' Ht.	As Shown	B&B
*HV	1	Common Witch Hazel	<i>Hamamelis virginiana</i>	10' - 12' Ht.	As Shown	B&B
SHRUBS						
*Ab	2	Red Chokeberry	<i>Aronia arbutifolia</i> 'Brilliantissima'	6' - 8' Ht.	As Shown	B&B
*Bg	2	Green Mountain Boxwood	<i>Buxus x 'Green Mountain'</i>	30" Ht.	As Shown	B&B
*Di	17	Bush Honeysuckle	<i>Diervilla lonicera</i>	# 3	As Shown	CONT.
*Fg	20	Dwarf Fothergilla	<i>Fothergilla x gardenii</i> 'Mt. Airy'	# 3	As Shown	CONT.
*Ig	5	Shamrock Inkberry	<i>Ilex glabra</i> 'Shamrock'	# 5	As Shown	CONT.
*Im	12	Blue Stallion Holly	<i>Ilex x meserveae</i> 'Mesan'	# 12	As Shown	CONT.
*Rp	15	PJM Rhododendron	<i>Rhododendron x 'P.J.M.'</i>	# 7	As Shown	CONT.

*Native Species

TREE PROTECTION NOTES:

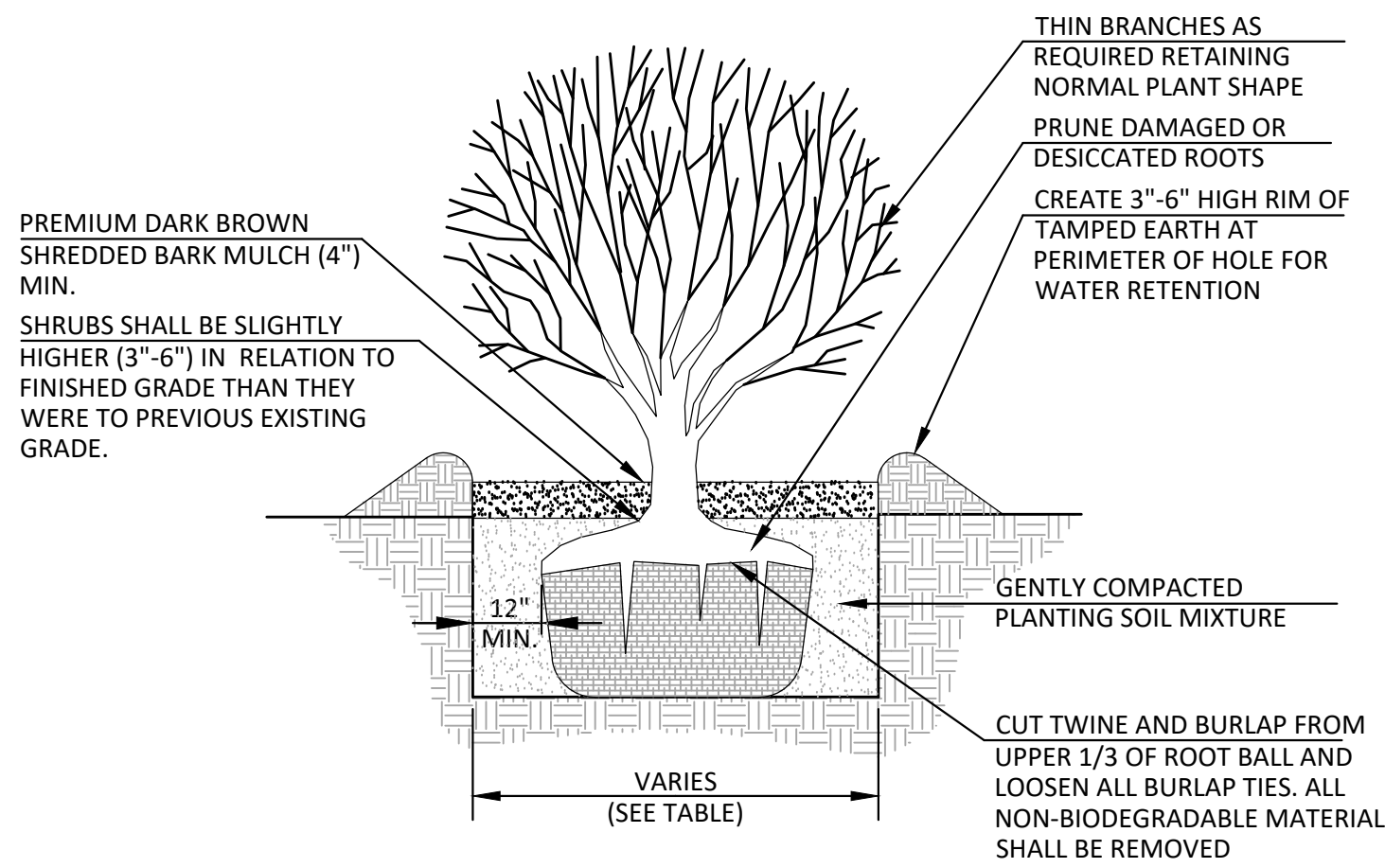
- ALL TREES TO BE PRESERVED AS INDICATED ON THE PLANS AND LOCATED WITHIN THE LIMITS OF DISTURBANCE, AND/OR ON THE PERIMETER OF THE DISTURBANCE LIMITS SHALL BE PROTECTED FROM HARM BY ERECTING A THREE (3) FEET HIGH (MINIMUM) SNOW FENCE, SURROUNDING THE TREE OUT TO THE TREE'S DRIP LINE. SNOW FENCE MUST EXTEND TO THE DRIP-LINE OF THE TREE TO BE PRESERVED.
- 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 AND/OR PARKED WITHIN THE DRIP LINE OF THE TREE TO BE PRESERVED. ADDITIONALLY, NO CONSTRUCTION TOOLS/EQUIPMENT MATERIAL SHALL BE STORED WITHIN THE TREE'S DRIP LINE AS WELL..

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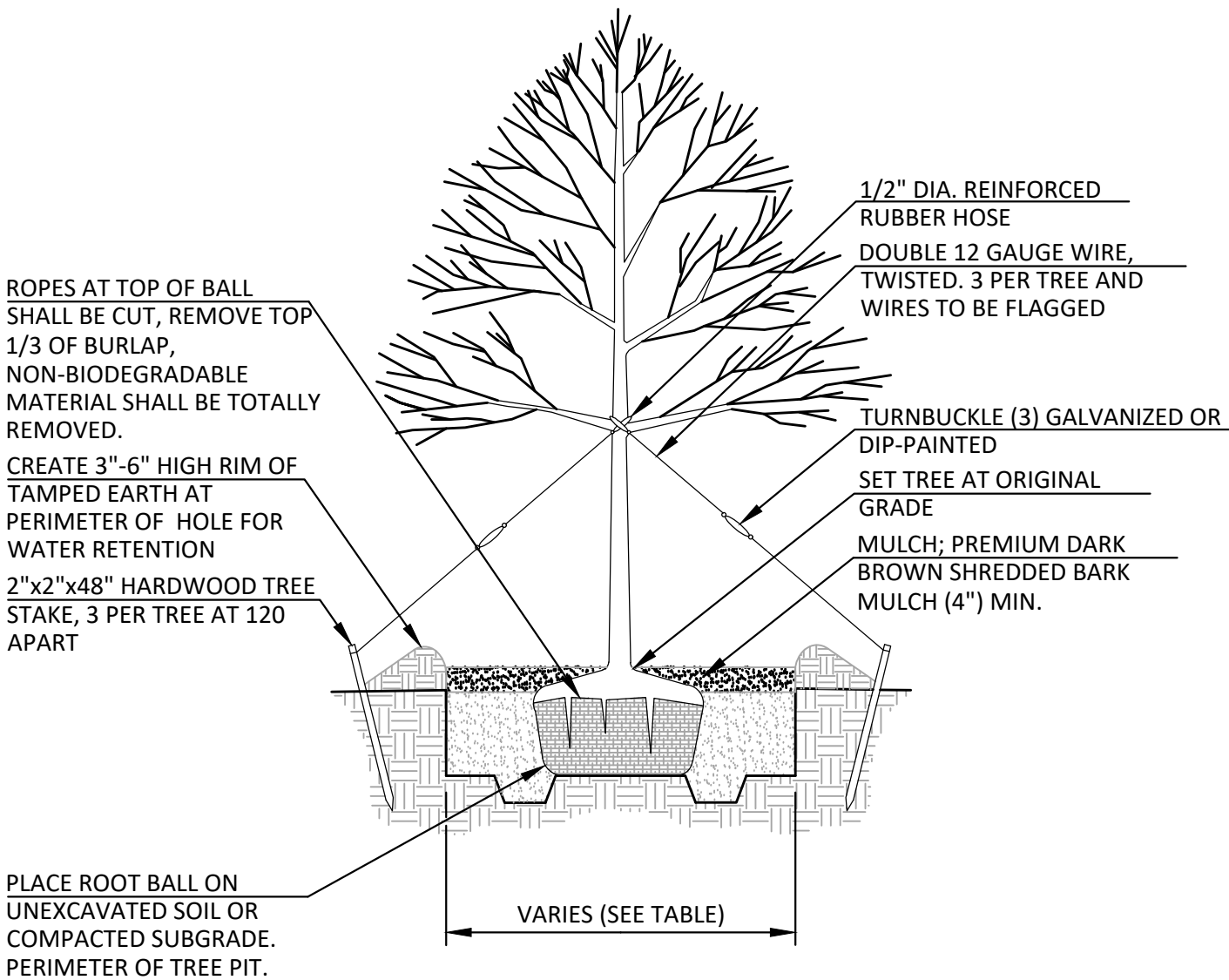
SHRUB PLANTING DETAIL (N.T.S.)



NOTE: PLANTED SHRUBS 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.

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

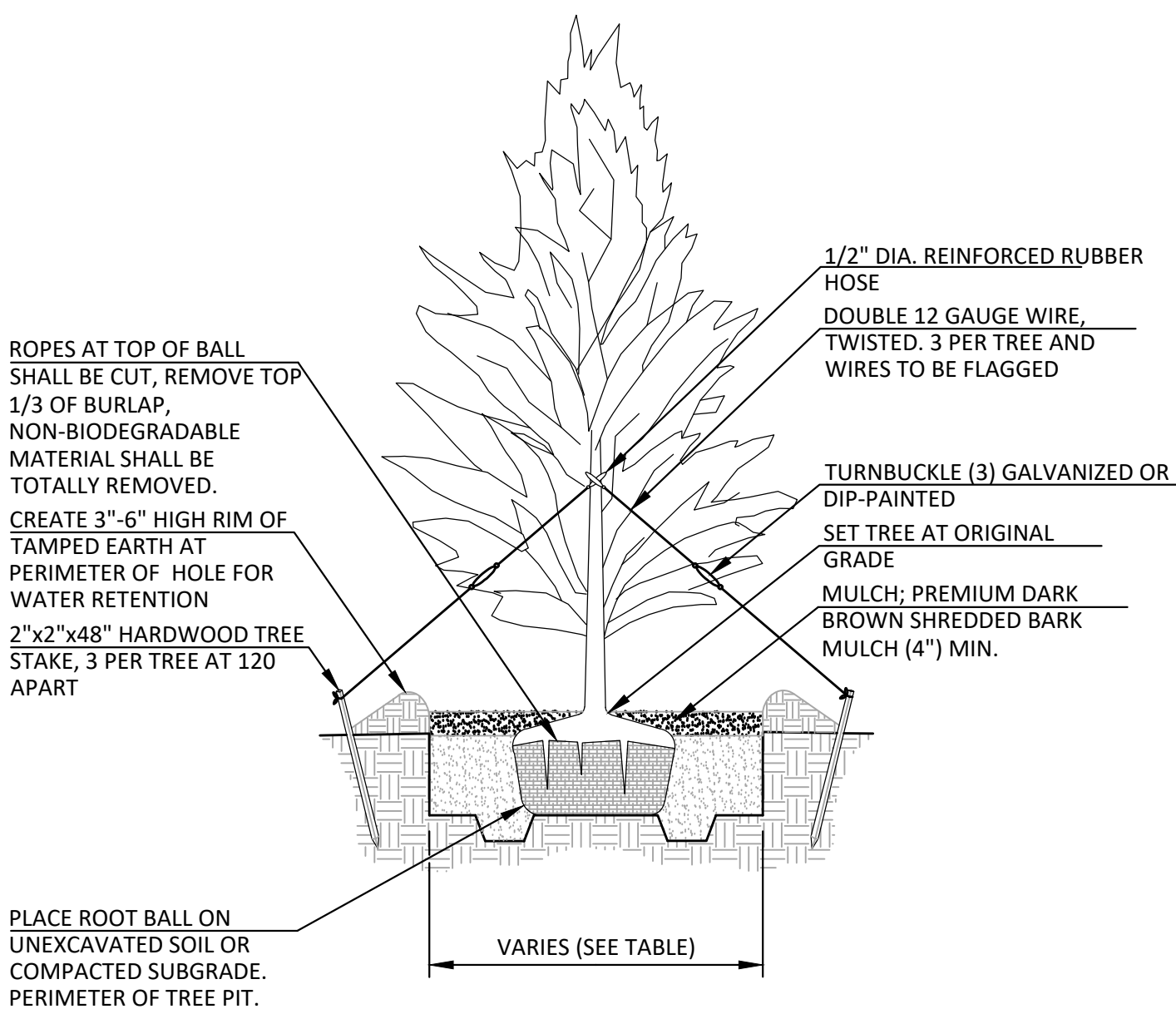
DECIDUOUS TREE PLANTING DETAIL (N.T.S.)



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.

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

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



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.

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

LANDSCAPING PLAN

D'ONOFRIO RESIDENCE

TOWN OF OSSINGWESTCHESTER COUNTY, NEW YORK

KSCC CONSULTING

KELLARD SESSIONS CEMELLE JOHANNESSEN

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STATE OF NEW YORK

LANDSCAPE ARCHITECT

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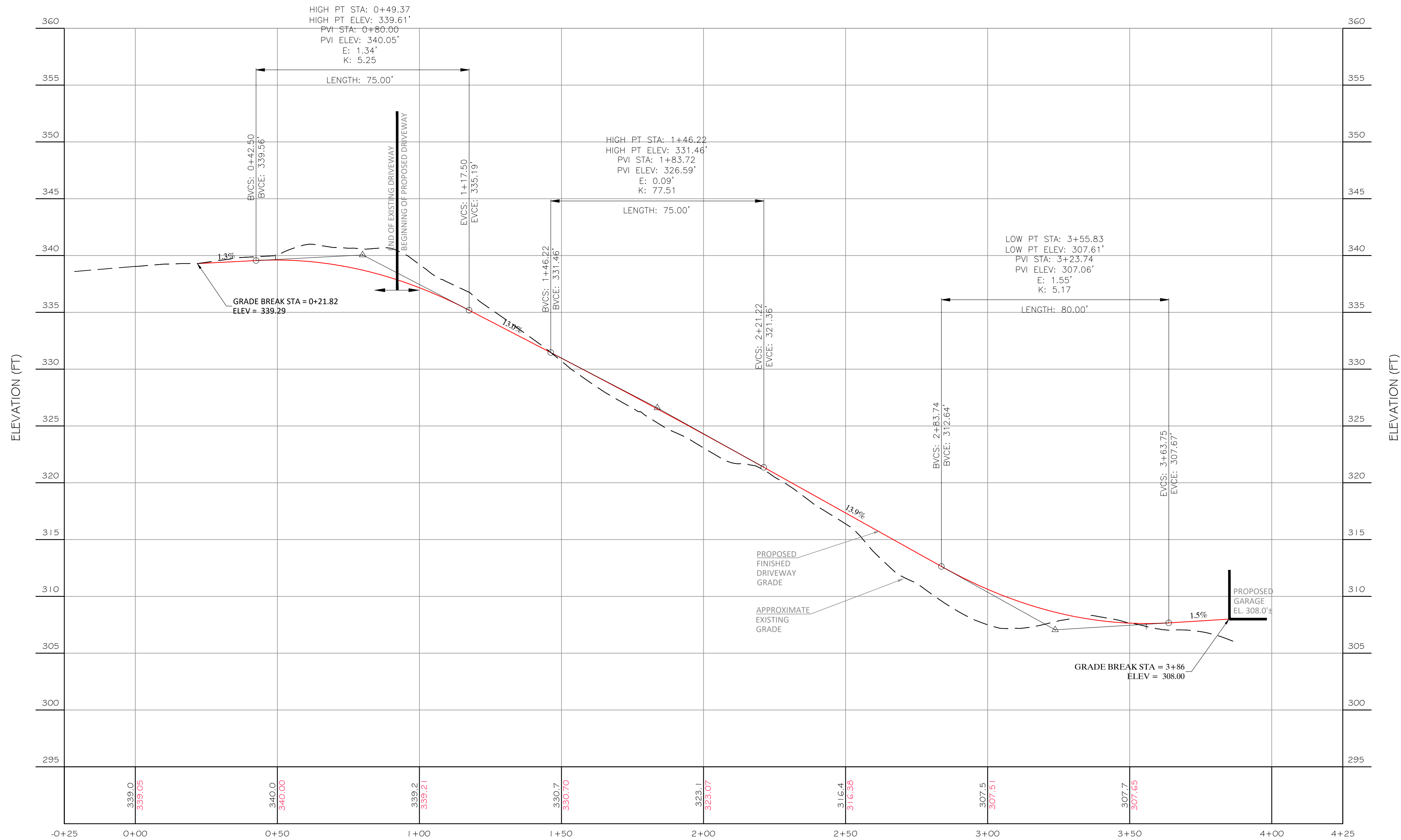
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PROJECT I.D.: OSSONOFRI0100

DATE: MARCH 01, 2024



PROPOSED DRIVEWAY PROFILE

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



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

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DRIVEWAY PROFILE	
D'ONOFRIO RESIDENCE	
TOWN OF OSSINGWESTCHESTER COUNTY, NEW YORK	
 KSCJ CONSULTING KELLARD SESSIONS CERMELE JOHANNESSEN	
CIVIL ENGINEERING LANDSCAPE ARCHITECTURE SITE & ENVIRONMENTAL PLANNING	
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REVISIONS	

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
- OSSINING TOWN CODE CHAPTER 168, "STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL"

THE PRIMARY AIM OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN IS TO REDUCE SOIL EROSION FROM AREAS STRIPPED OF VEGETATION DURING CONSTRUCTION AND TO PREVENT SILT FROM REACHING THE DRAINAGE STRUCTURES, INFILTRATION SYSTEMS, WETLAND SYSTEMS, WATERCOURSES, WATERBODIES AND DOWNSTREAM PROPERTIES. THE 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 EROSION AND SEDIMENT CONTROL PLAN, THE EROSION AND SEDIMENT CONTROL PLAN IS AN INTEGRAL COMPONENT OF THE CONSTRUCTION PHASING AND PROJECT 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.

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 HILLCREST DRIVE.

MAINTENANCE/INSPECTION

STABILIZED CONSTRUCTION ENTRANCE SHALL BE INSPECTED A MINIMUM OF ONCE 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 HILLCREST DRIVE. 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 WHENEVER 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 HILLCREST DRIVE

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-GRADE PERIMETER 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 ONCE 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 REGULATED WETLAND AREA, WATERCOURSE OR WATERBODY.

INLET PROTECTION

AFTER THE DRAIN INLETS HAVE BEEN INSTALLED AND THE SITE IS COMPLETELY STABILIZED, THESE DRAIN INLETS WILL RECEIVE STORMWATER FROM THE DRIVEWAY 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 ONCE 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 REGULATED WETLAND AREA, WATERCOURSE OR WATERBODY.

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 ONCE 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 ONCE 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 WITHIN THE VICINITY OF THE LOCATIONS ILLUSTRATED ON THE APPROVED PLANS, OR IN PRACTICAL LOCATIONS ON-SITE APPROVED BY THE TOWN REPRESENTATIVE.

MAINTENANCE/INSPECTION

ALL STOCKPILES SHALL BE INSPECTED A MINIMUM OF ONCE 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 SILT FENCE. IF THE PROJECT IS ONGOING DURING THE NON-GROWING SEASON, THE STOCKPILES SHALL BE PROTECTED WITH A TARPULIN 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.

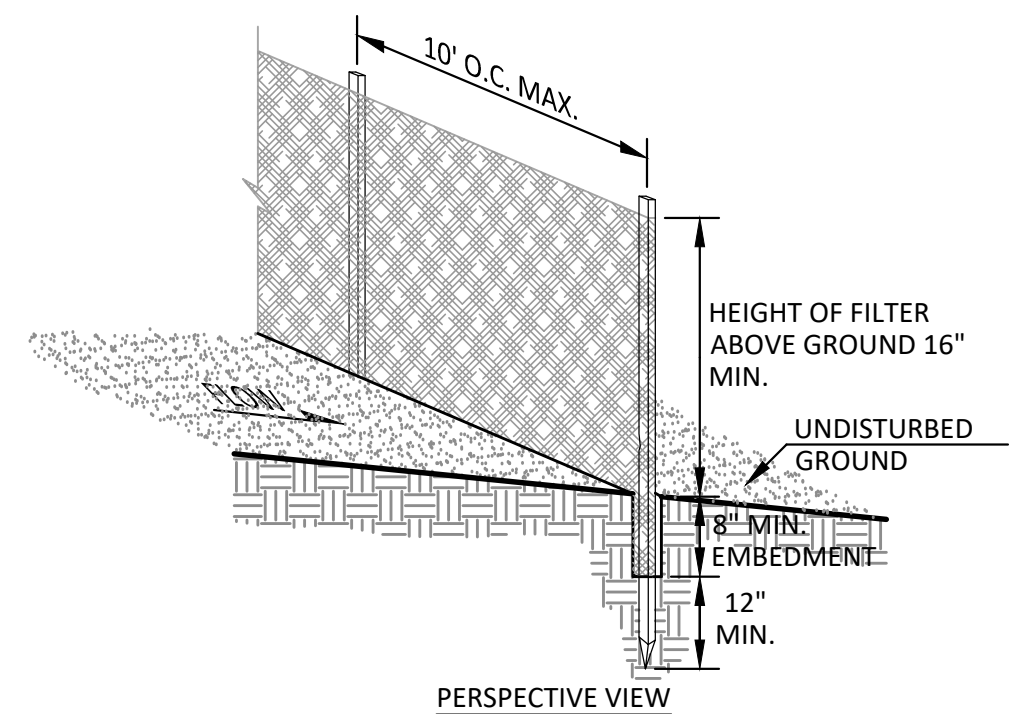
DUST CONTROL

WHERE VEGETATIVE OR MULCH COVER IS NOT PRACTICAL 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.

CRITICAL AREA SEEDING

THIS PRACTICE APPLIES TO ALL DISTURBED AREAS DEVOID OF VEGETATION, EXCEPT WHERE SPECIFIC SEEDING/PLANTING RECOMMENDATIONS EXIST IN OTHER STANDARDS AND SPECIFICATIONS FOR SPECIFIC USES SUCH AS RECREATION.

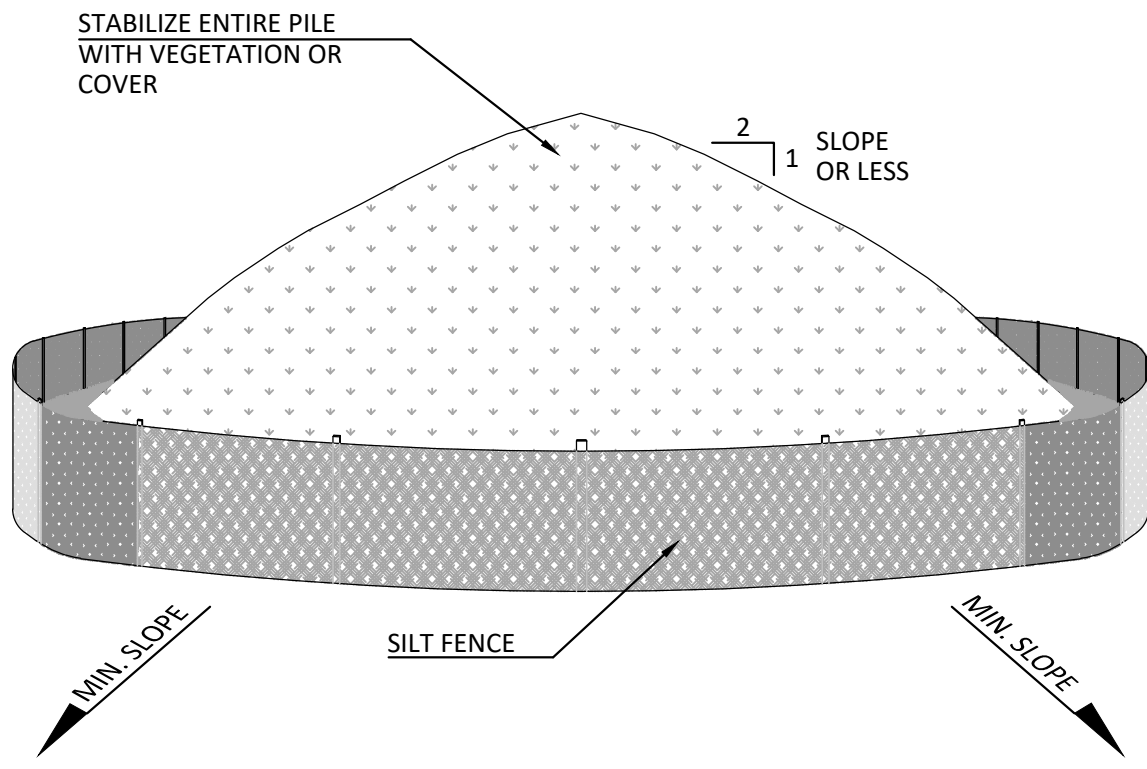
SILT FENCE DETAIL (N.T.S.)



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

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

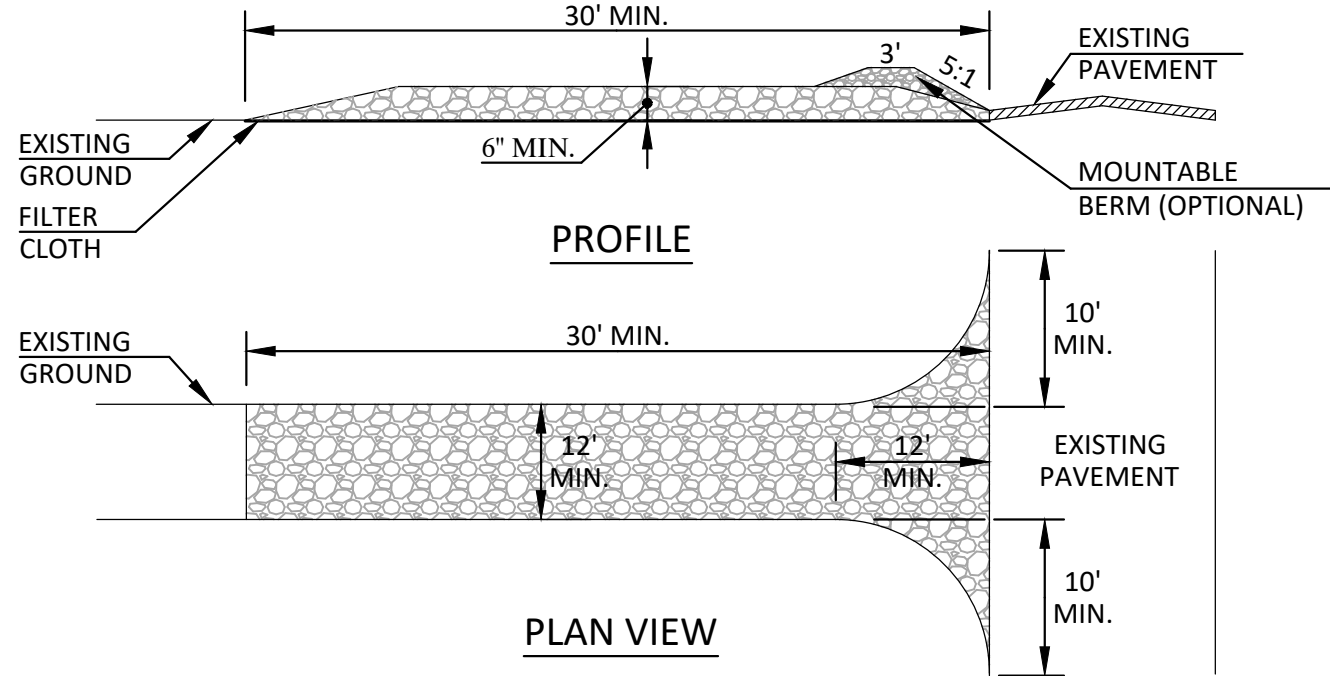
TEMPORARY SOIL STOCKPILE DETAIL (N.T.S.)



INSTALLATION NOTES

- AREA 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 SILT FENCING, THEN STABILIZED WITH VEGETATION OR COVERED.
- SEE SPECIFICATIONS FOR INSTALLATION OF SILT FENCE.

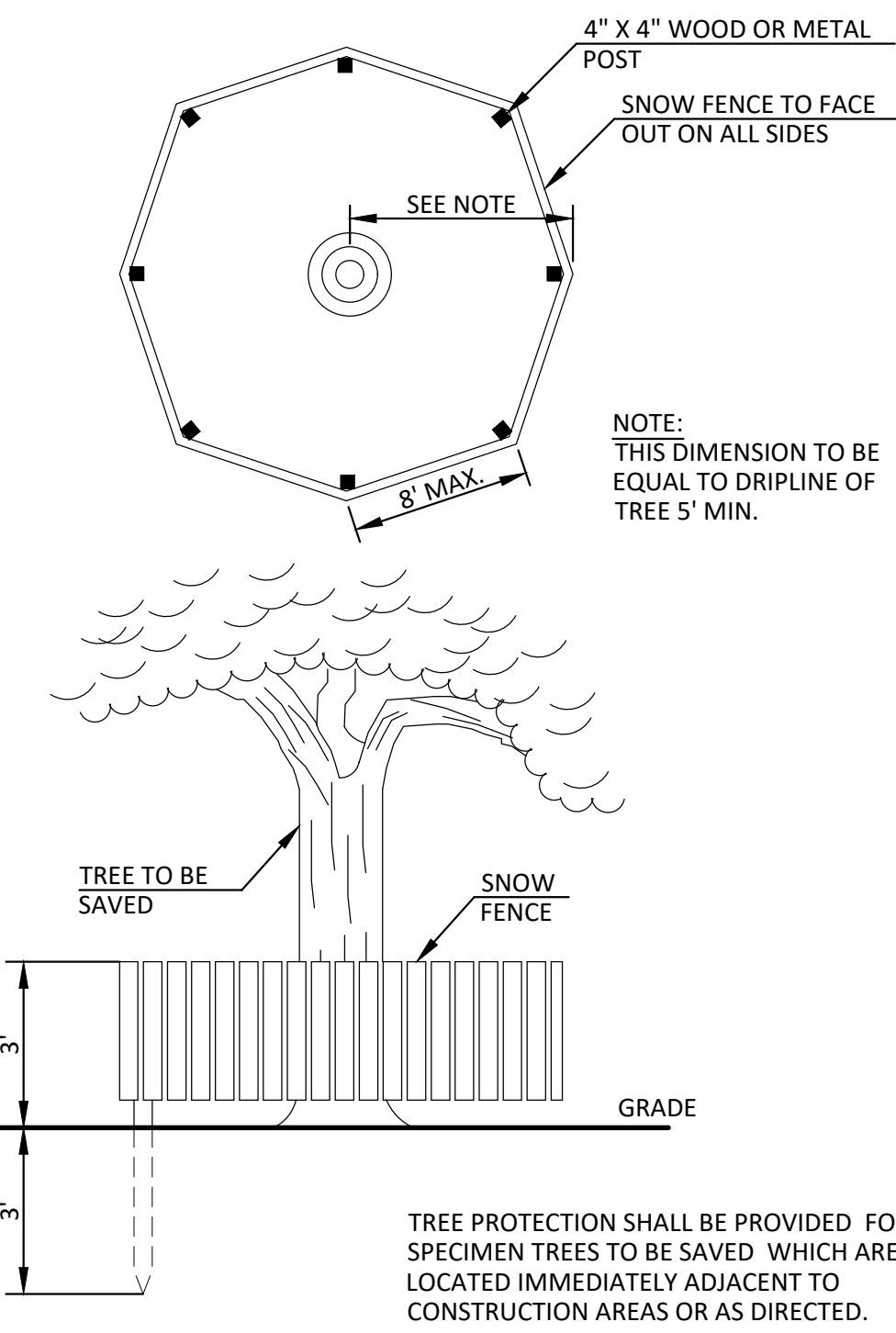
STABILIZED CONSTRUCTION ENTRANCE DETAIL (N.T.S.)



CONSTRUCTION SPECIFICATIONS

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - 30 FEET.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- 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.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 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 RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

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.

SUGGESTED CONSTRUCTION SEQUENCE AND PHASING

OUTLINED BELOW IS A BRIEF LISTING OF THE SUGGESTED CONSTRUCTION SEQUENCING FOR THE PROJECT.

PRIOR TO ANY INTERIOR SITE ACTIVITY, THE OWNER, CONTRACTOR, OWNER'S ENGINEER AND TOWN ENGINEER SHALL HOLD A PRE-CONSTRUCTION MEETING.

FINAL STABILIZATION, AS DEFINED BY THE NYSDEC SPDES GENERAL PERMIT GP-0-20-001, IS THE ESTABLISHMENT OF A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF EIGHTY (80) PERCENT OVER THE PVIOUS SURFACE ONCE ALL SOIL DISTURBANCE ACTIVITIES HAVE CEASED. COVER CAN BE VEGETATIVE (E.G., GRASS, TREES, SEED AND MULCH, SHRUBS OR TURF) OR NON-VEGETATIVE (E.G., GEOTEXTILES, RIP-RAP OR GABIONS, PAVEMENT, ROOFS, ETC.).

THE APPLICANT SHALL NOTIFY THE TOWN OF OSSINING ENFORCEMENT OFFICIAL AT LEAST 48 HOURS BEFORE ANY OF THE FOLLOWING AS REQUIRED BY THE STORMWATER MANAGEMENT OFFICER:

- START OF CONSTRUCTION.
- INSTALLATION OF SEDIMENT AND EROSION CONTROL MEASURES.
- COMPLETION OF SITE CLEARING.
- INSTALLATION OF CONSTRUCTED STORMWATER IMPROVEMENTS.
- COMPLETION OF ROUGH GRADING.
- COMPLETION OF FINAL GRADING.
- CLOSE OF THE CONSTRUCTION SEASON.
- COMPLETION OF FINAL LANDSCAPING.
- SUCCESSFUL ESTABLISHMENT OF LANDSCAPING IN PUBLIC AREAS.

GENERAL CONSTRUCTION SEQUENCING

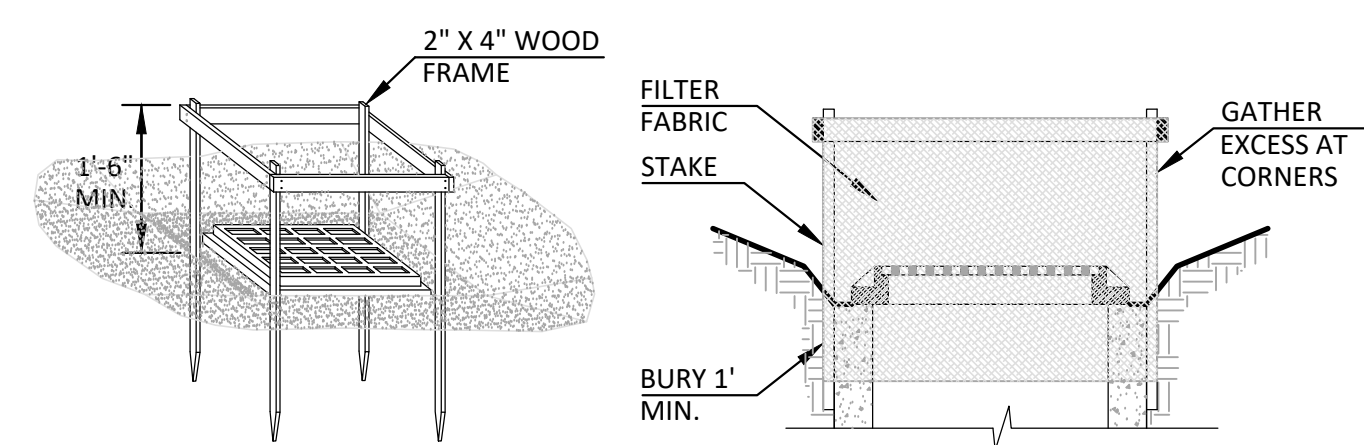
- OWNER/OPERATOR TO OBTAIN ALL NECESSARY PERMITS/APPROVALS.
- OWNER/OPERATOR TO CONDUCT A PRE-CONSTRUCTION MEETING.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- INSTALL SILT FENCE AND TREE PROTECTION IN LOCATIONS AS INDICATED ON THE PLAN.
- COMMENCE CLEARING AND GRUBBING FOR PROPOSED DRIVEWAY, DWELLING, SDDS, STORMWATER PRACTICES, ETC.
- COMMENCE CONSTRUCTION OF DRIVEWAY AND DWELLING.
- INSTALL STORMWATER INFILTRATION SYSTEMS, KEEP THE SYSTEMS OFFLINE UNTIL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED.
- INSTALL SUBSURFACE SEWAGE DISPOSAL SYSTEM.
- PROVIDE DUST CONTROL DURING CONSTRUCTION AS NECESSARY.
- FINAL GRADE DRIVEWAY.
- RE-VEGETATE ALL DISTURBED AREAS.
- FINAL STABILIZE ALL DISTURBED AREAS.
- PUT STORMWATER SYSTEMS ONLINE ONCE CONTRIBUTING AREAS ARE STABILIZED.
- REMOVE SILT FENCE AND ALL EROSION CONTROL PARAMETERS UPON SITE'S FINAL STABILIZATION.

TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES

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.

IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF NEXT BUSINESS DAY OR COMPLETED WITHIN SEVEN (7) CALENDAR DAYS.

FILTER FABRIC DROP INLET PROTECTION DETAIL (N.T.S.)



CONSTRUCTION SPECIFICATIONS

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
 - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
 - STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
 - SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
 - FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
 - A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
- MAXIMUM DRAINAGE AREA = 1 ACRE

EROSION AND SEDIMENT CONTROL DETAILS

D'ONOFRIO RESIDENCE

TOWN OF OSSINING

WESTCHESTER COUNTY, NEW YORK

KSCJ
CONSULTING
RELLARD SESSIONS CERAME JOHANNESSEN

CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE
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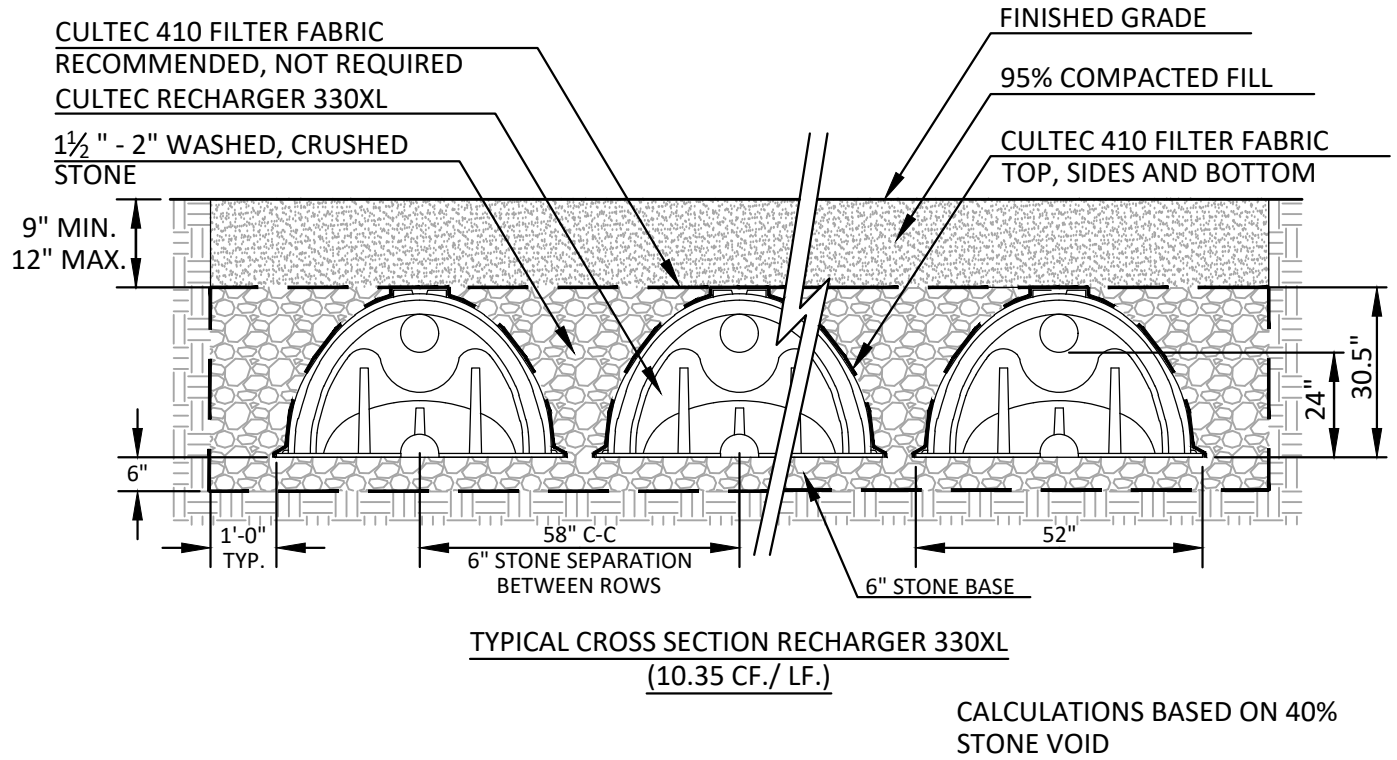
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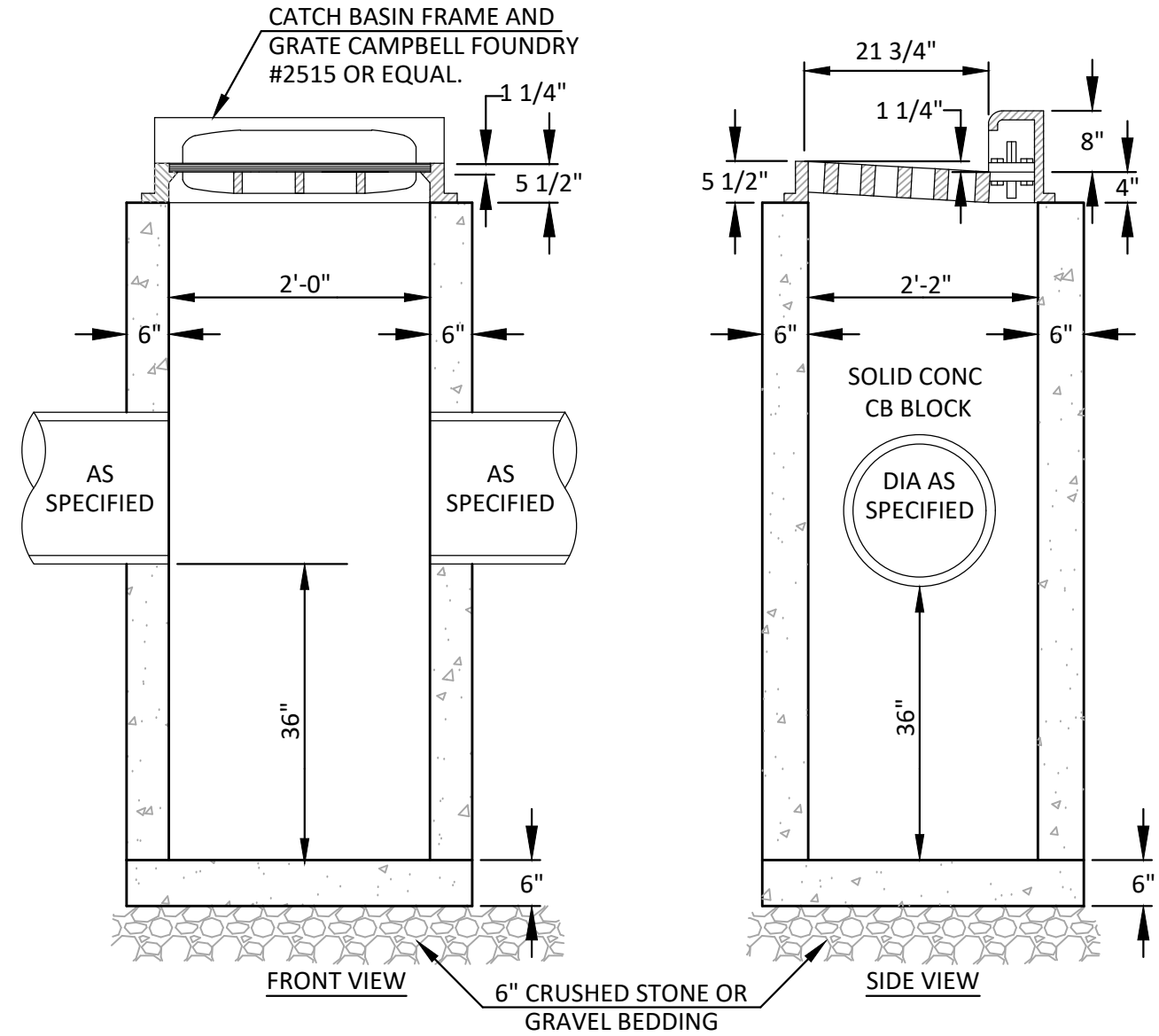
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CULTEC RECHARGER 330 XL DETAIL (N.T.S.)



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™ 330XL H-20 HEAVY DUTY UNITS ARE MARKED WITH A 4" STRIPE ALONG THE LENGTH OF THE CHAMBER.

CATCH BASIN DETAIL (N.T.S.)

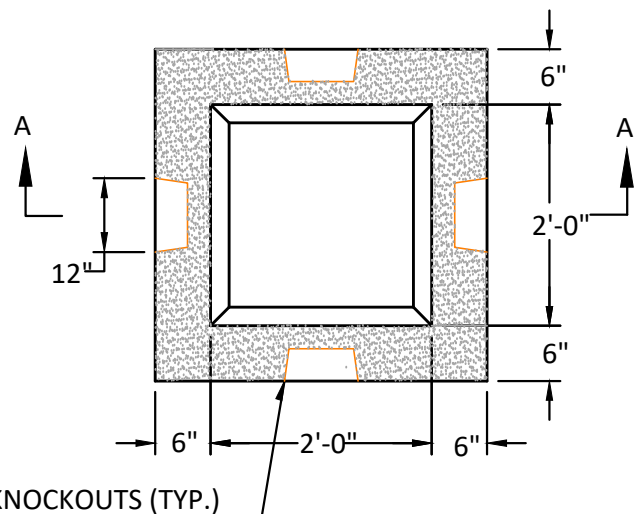


NOTE:
TYPE A CATCH BASIN AS SHOWN HERE ON WILL BE UTILIZED WHERE THE NEED FOR A DROP INLET EXISTS. THE CURB TYPE CASTING SHALL BE SUBSTITUTED WITH CAMPBELL FOUNDRY FRAME AND GRATE # 3433 OR EQUAL.

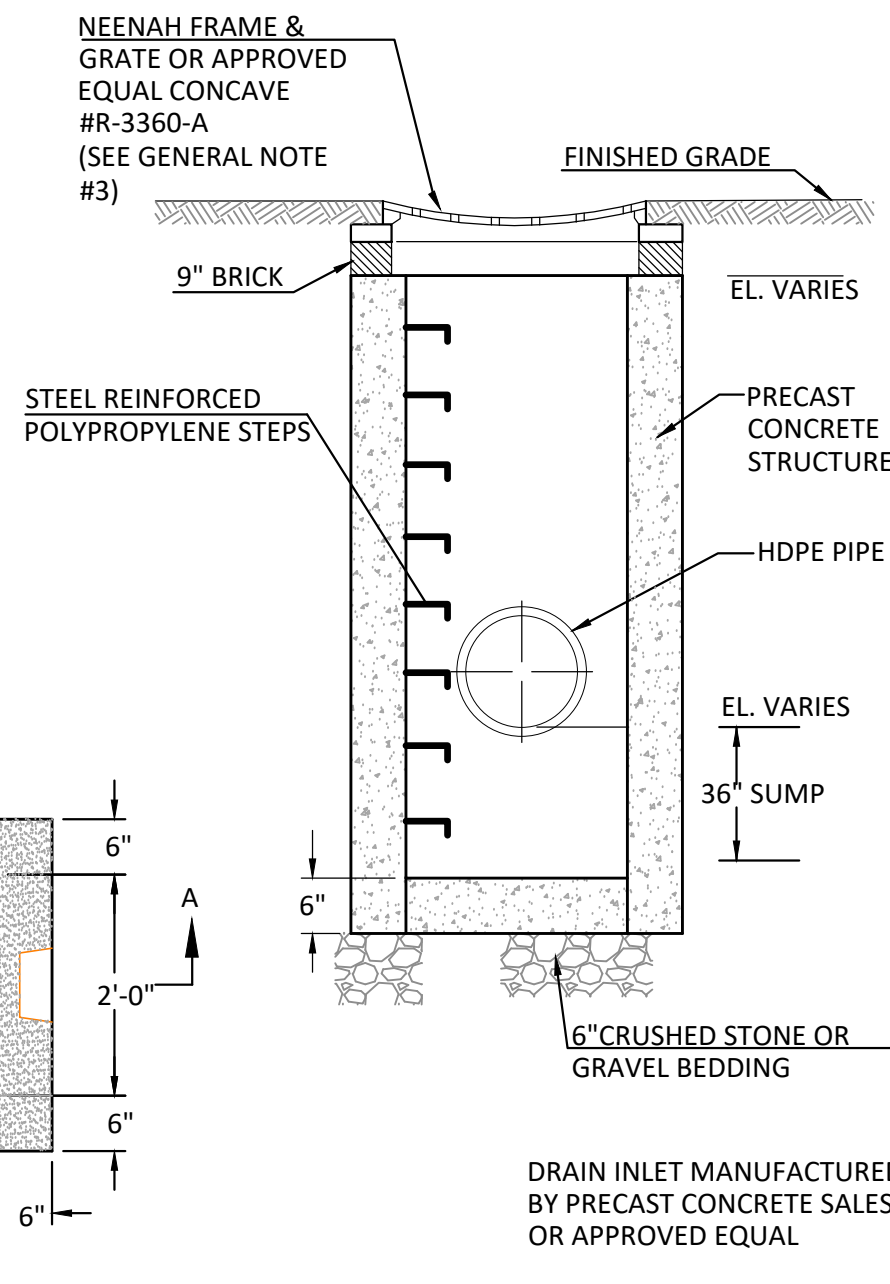
DRAIN INLET (CONCAVE GRATE) (N.T.S.)

GENERAL NOTES:

1. CONCRETE TO TEST 4000 P.S.I. @ 28 DAYS
2. REINFORCEMENT MEETS A.S.T.M. A-615, GRADE 60, A.S.T.M. A-185.
3. ALL DRAINAGE INLET STRUCTURES LOCATED IN PAVED OR GRAVELED AREAS TO HAVE FLAT GRATES. ALL OTHERS (WITHIN GRASS SWALES) TO RECEIVE CONCAVE GRATES.

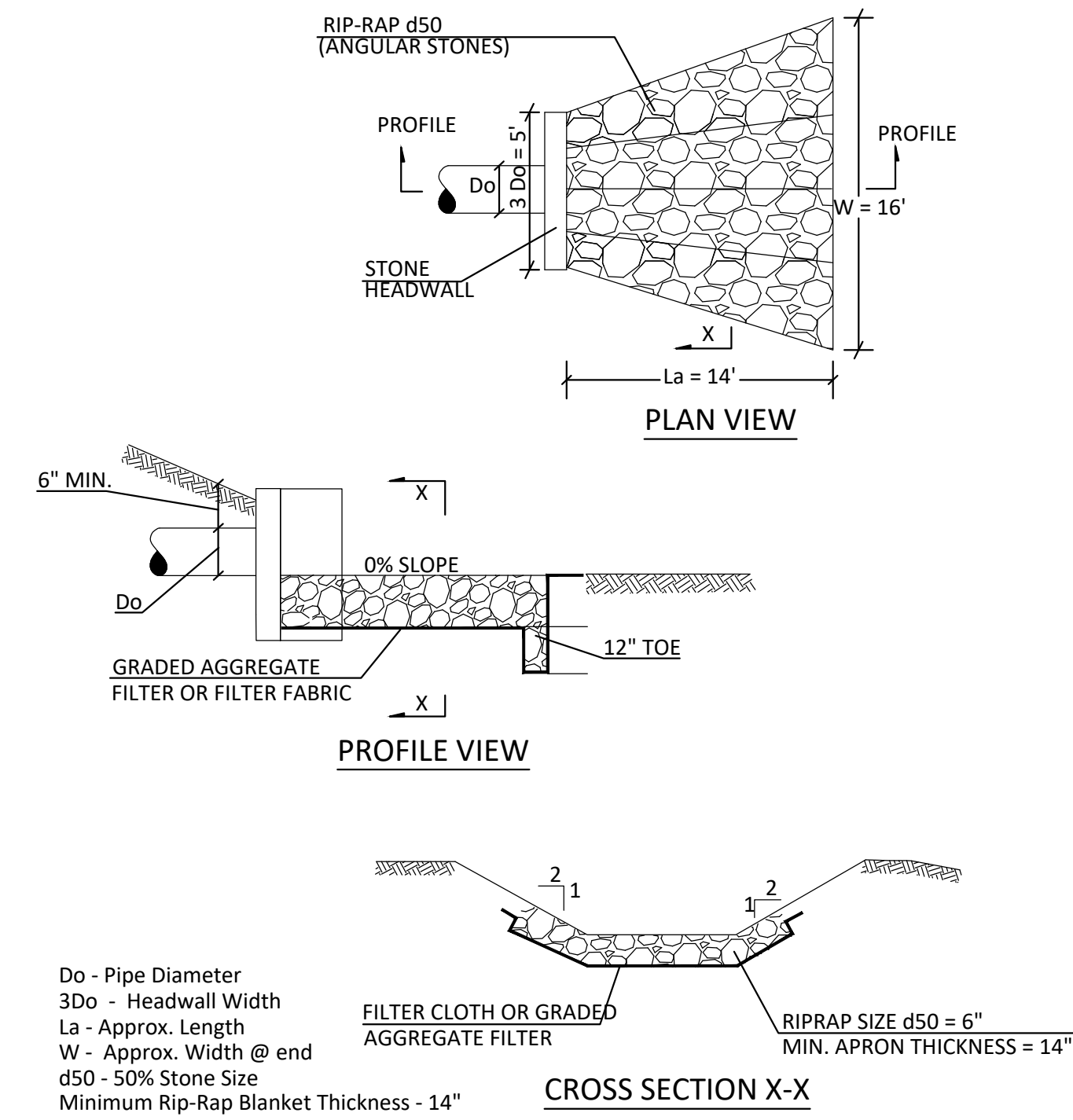


PLAN



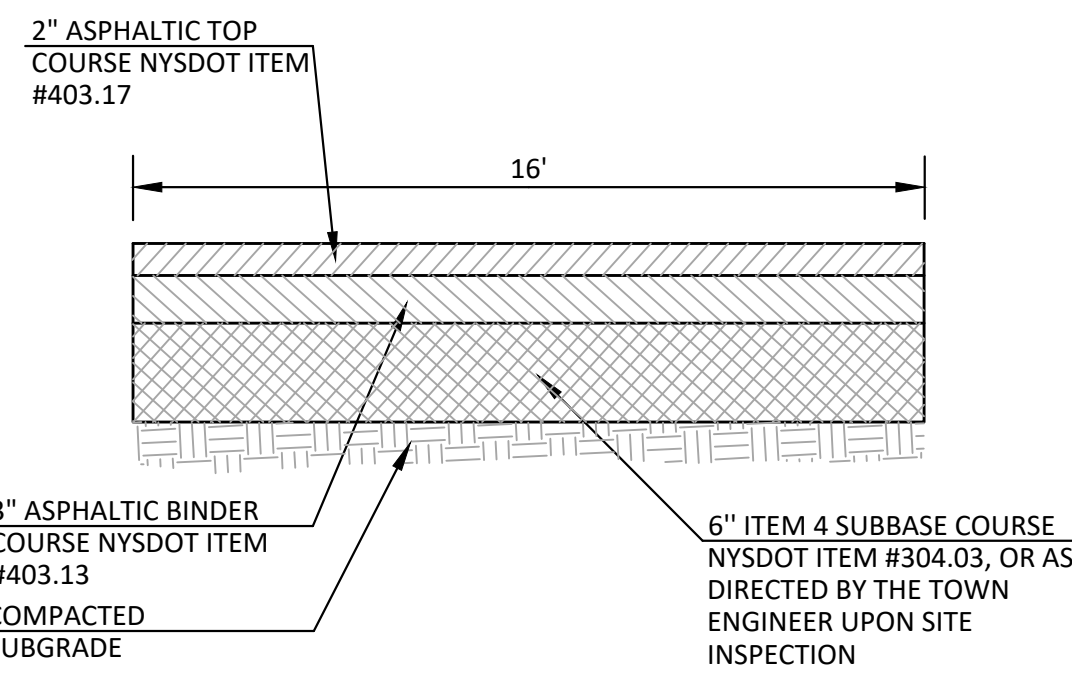
HS-20-44 LOADING DESIGN REQUIRED

RIP RAP OUTLET PROTECTION DETAIL (N.T.S.)



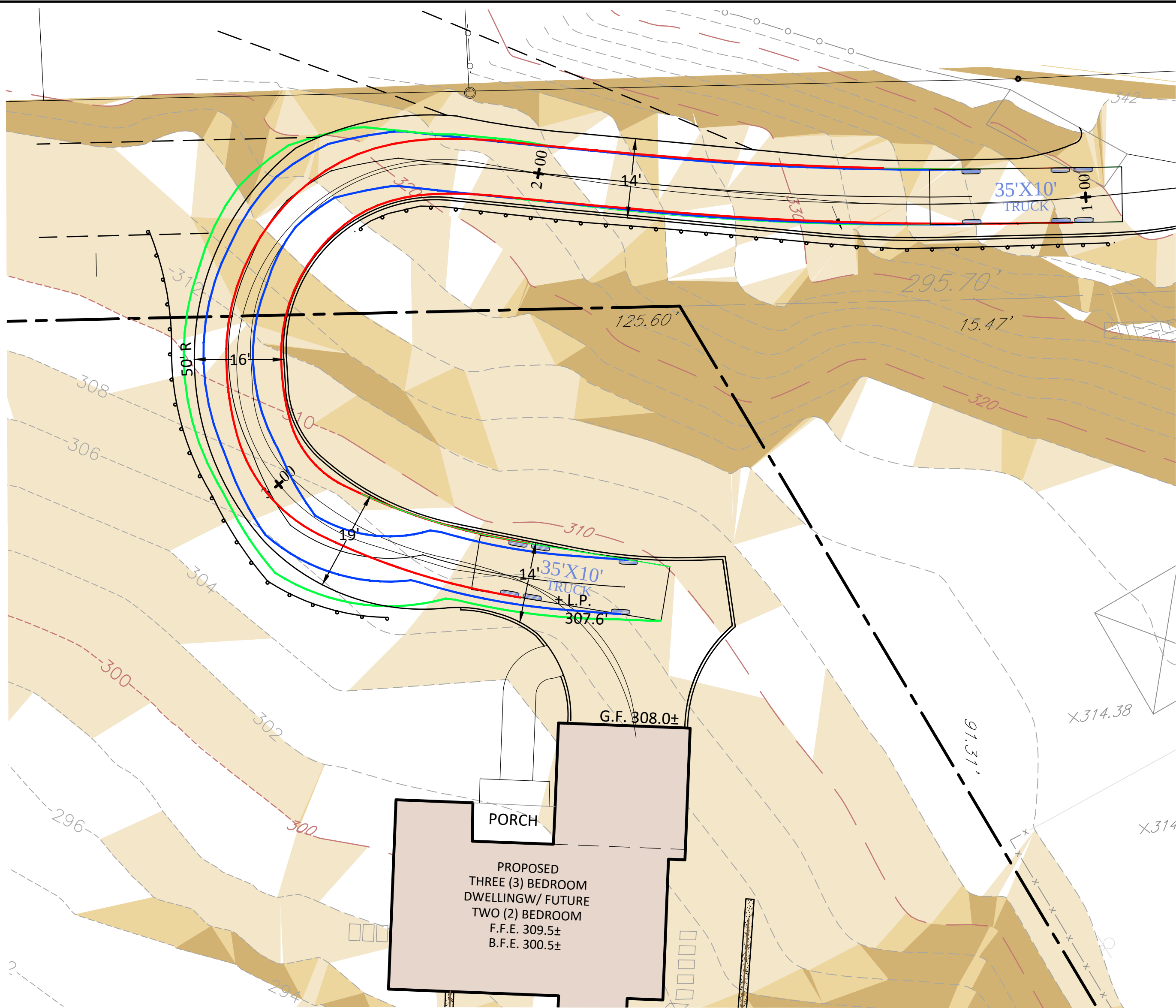
Do - Pipe Diameter
3Do - Headwall Width
La - Approx. Length
W - Approx. Width @ end
d50 - 50% Stone Size
Minimum Rip-Rap Blanket Thickness - 14"

COMMON DRIVEWAY SECTION DETAIL (N.T.S.)



NOTE:
TOWN ENGINEER SHALL DETERMINE THE APPROPRIATE COMMON DRIVEWAY DEPTH DURING FINAL SITE PLAN APPROVAL PROCESS.

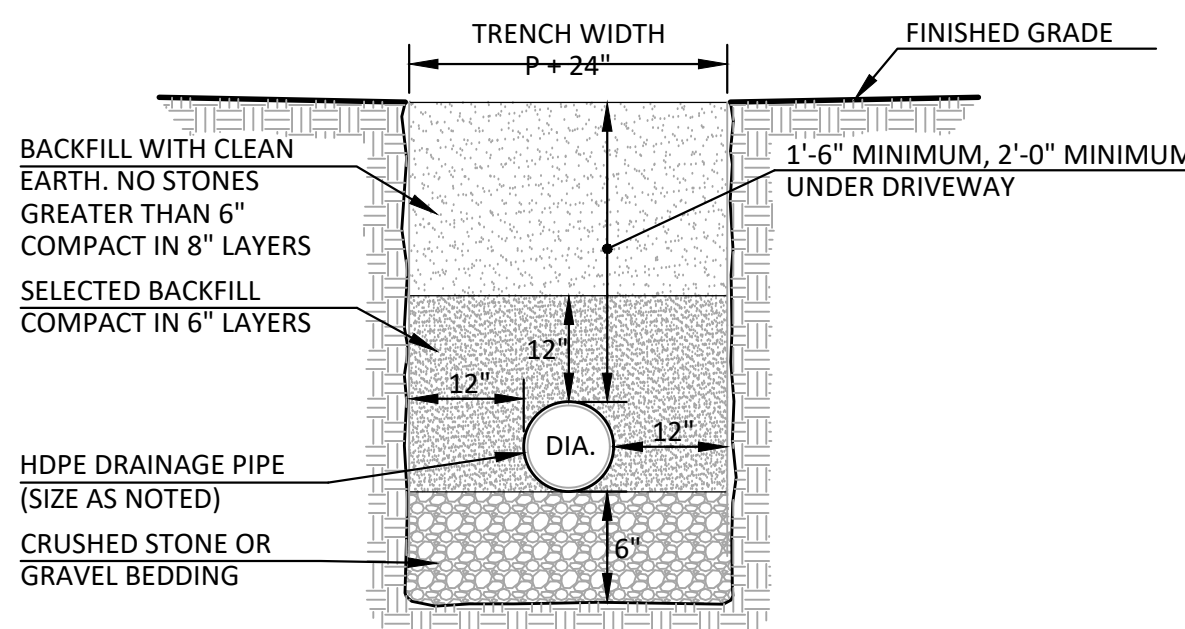
FIRE TRUCK TURNING DETAIL



LEGEND:
RED LINES: REAR WHEEL MOVEMENTS
BLUE LINES: FRONT WHEEL MOVEMENTS
GREEN LINES: FIRETRUCK OVERHANG

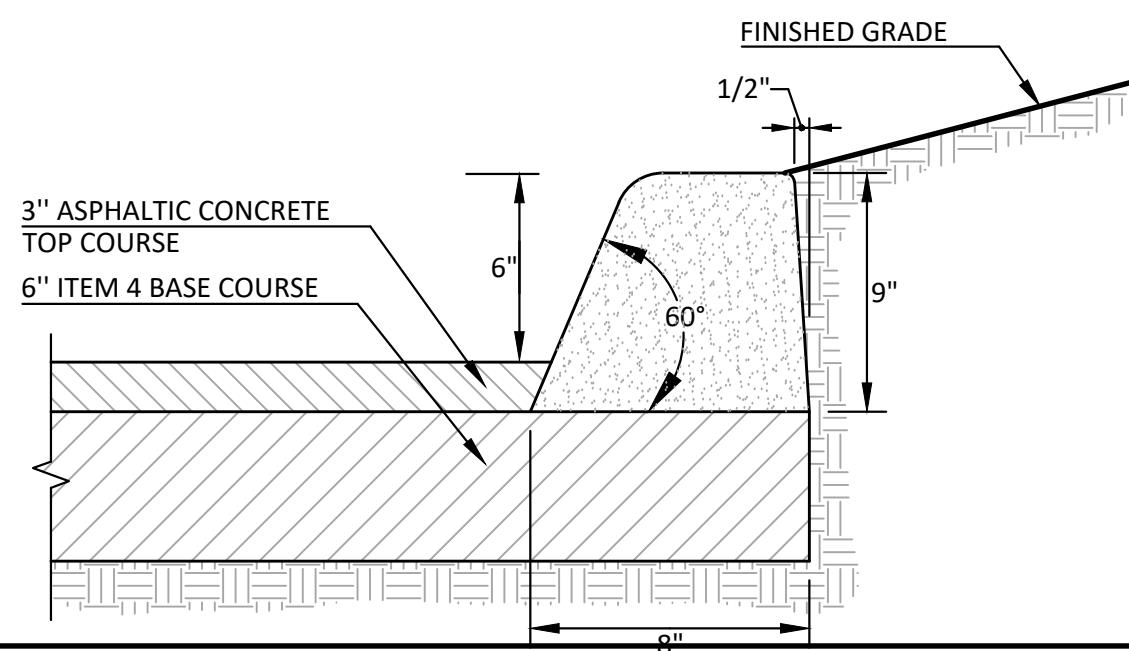
SCALE: 1" = 15'

DRAINAGE TRENCH DETAIL (N.T.S.)

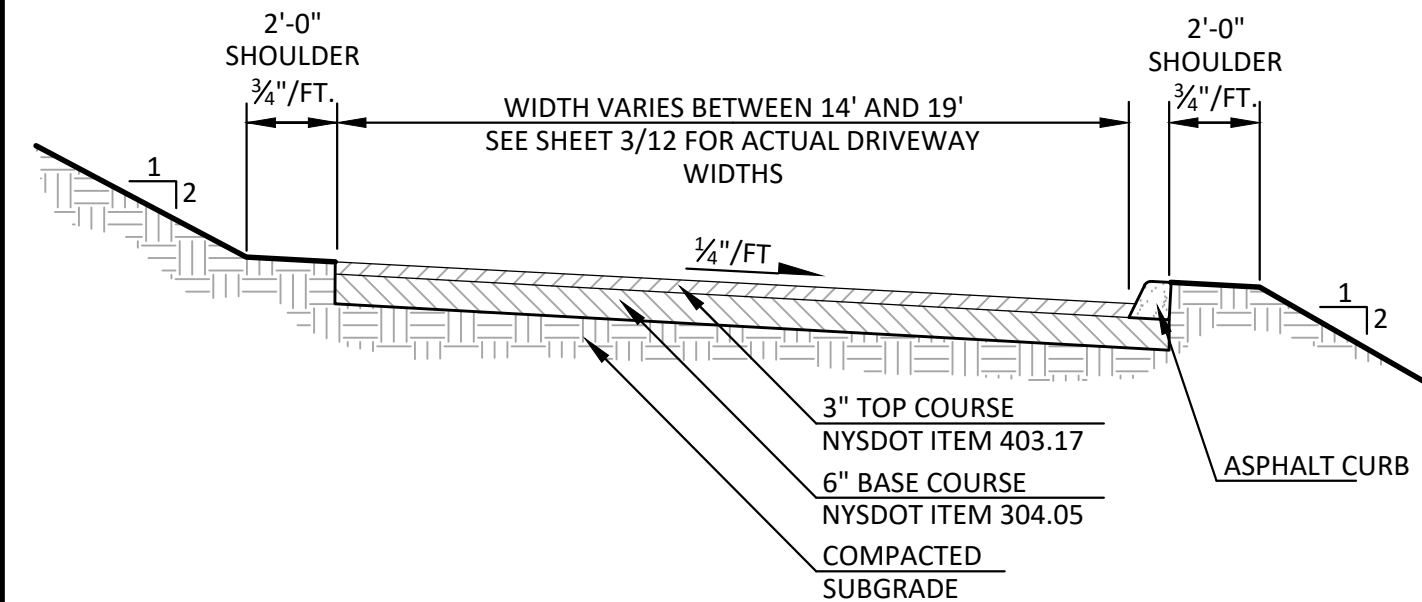


BACKFILL WITH CLEAN EARTH. NO STONES GREATER THAN 6" COMPACT IN 8" LAYERS
SELECTED BACKFILL COMPACT IN 6" LAYERS
HDPE DRAINAGE PIPE (SIZE AS NOTED)
CRUSHED STONE OR GRAVEL BEDDING

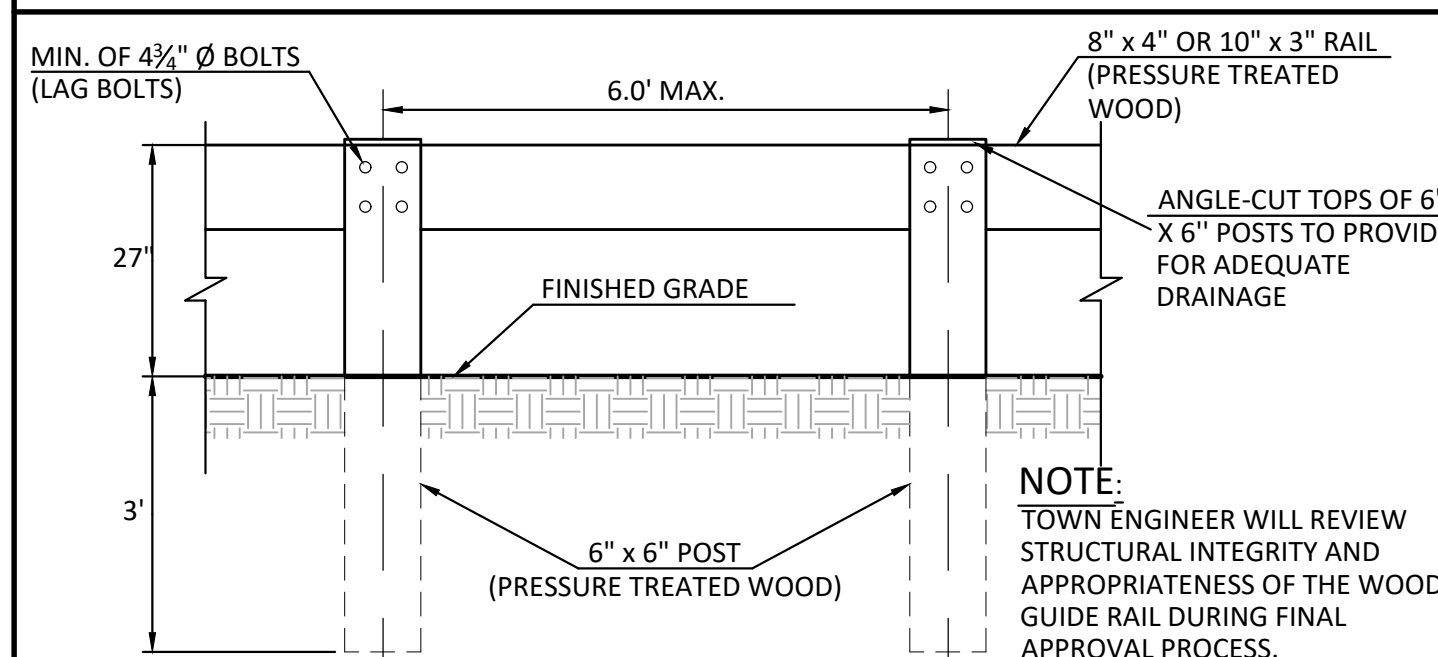
ASPHALTIC CONCRETE CURB DETAIL (N.T.S.) (FOR INDIVIDUAL DRIVEWAY ONLY)



INDIVIDUAL DRIVEWAY SECTION DETAIL (N.T.S.)

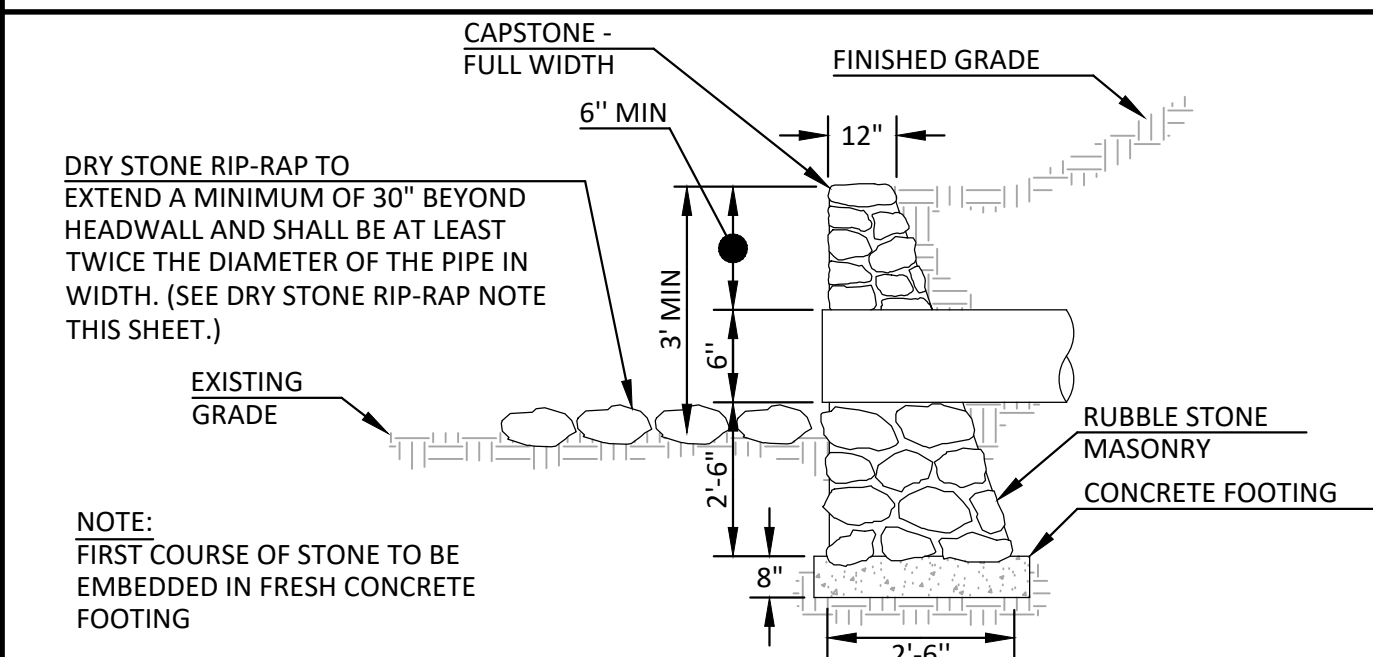


WOOD GUIDE RAIL DETAIL (N.T.S.)



NOTE:
TOWN ENGINEER WILL REVIEW STRUCTURAL INTEGRITY AND APPROPRIATENESS OF THE WOOD GUIDE RAIL DURING FINAL APPROVAL PROCESS.

STONE HEADWALL DETAIL (N.T.S.)



NOTE:
FIRST COURSE OF STONE TO BE EMBEDDED IN FRESH CONCRETE FOOTING

CONSTRUCTION DETAILS

HILLCREST DRIVE

TOWN OF OSSING

WESTCHESTER COUNTY, NEW YORK

KSCJ
CONSULTING
RELLARD SESSIONS CERMIE JOHANNESSEN

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PROJECT I.D.:

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DATE:

MARCH 01, 2024

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