

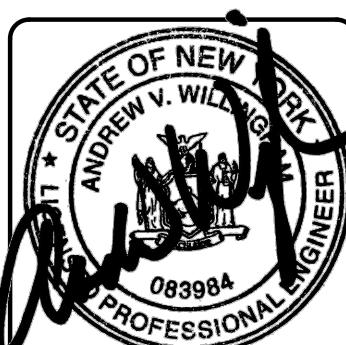
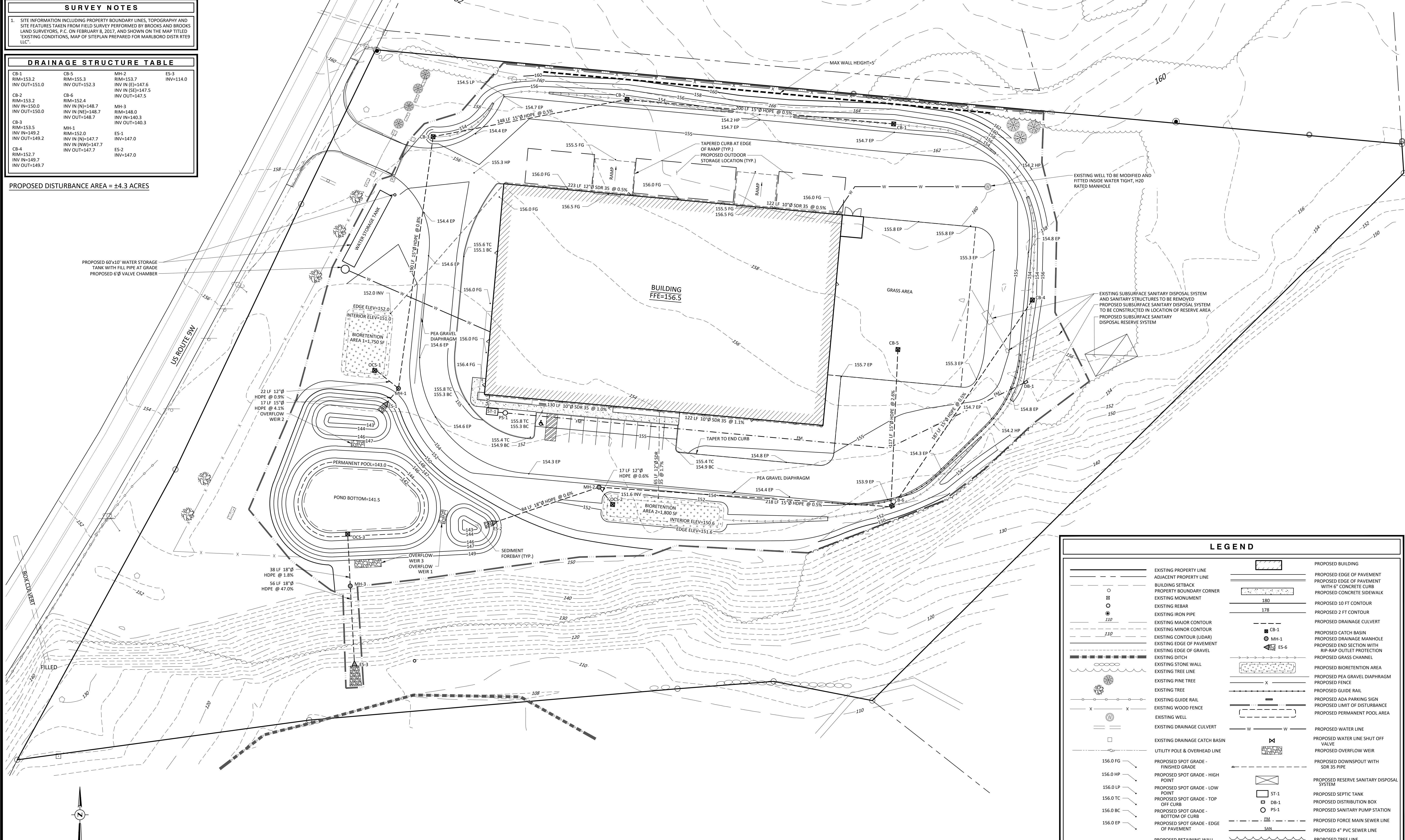
SURVEY NOTES

1. SITE INFORMATION INCLUDING PROPERTY BOUNDARY LINES, TOPOGRAPHY AND SITE FEATURES TAKEN FROM FIELD SURVEY PERFORMED BY BROOKS AND BROOKS LAND SURVEYORS, P.C. ON FEBRUARY 8, 2017, AND SHOWN ON THE MAP TITLED "EXISTING CONDITIONS, MAP OF SITEPLAN PREPARED FOR MARLBORO DISTR RTE LLC".

DRAINAGE STRUCTURE TABLE

CB-1	CB-5	MH-2	ES-3
RIM=153.2	RIM=155.3	RIM=153.7	INV=114.0
INV OUT=151.0	INV OUT=152.3	INV IN (E)=147.6	
		INV IN (SE)=147.5	
CB-2	CB-6	INV OUT=147.5	
RIM=153.2	RIM=153.4	INV IN (N)=148.7	
INV OUT=150.0	INV OUT=148.7	INV IN (N)=148.7	
CB-3	MH-3	INV OUT=148.7	
RIM=153.5	RIM=148.0	INV IN=140.3	
INV IN=149.2	INV OUT=149.3	INV OUT=140.3	
CB-4	MH-4	INV OUT=149.7	
RIM=152.7	RIM=152.0	INV IN (W)=147.7	
INV IN=149.7	INV OUT=149.7	INV OUT=147.7	
	ES-1	INV OUT=147.0	
	ES-2	INV=147.0	

PROPOSED DISTURBANCE AREA = ±4.3 ACRES



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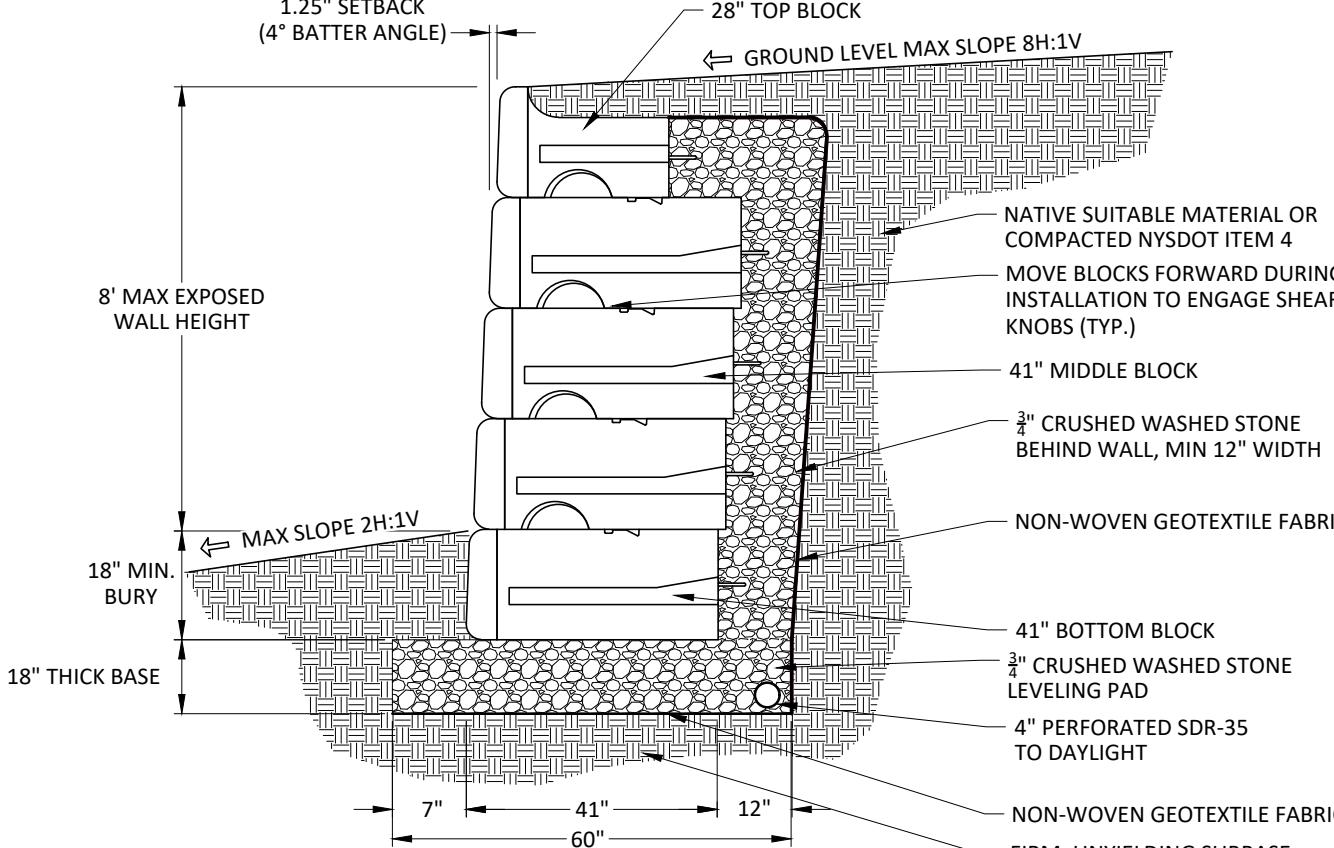
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REV	DATE	DESCRIPTION

GRADING AND UTILITY PLAN
MARLBORO II DISTRIBUTION
1100 US ROUTE 9W
TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

DRAWN BY	CHECKED BY
MLT	AVW
DATE	SCALE
01/05/18	1"=30'
PROJECT NO.	
17003	
SHEET NO.	
GU-1	



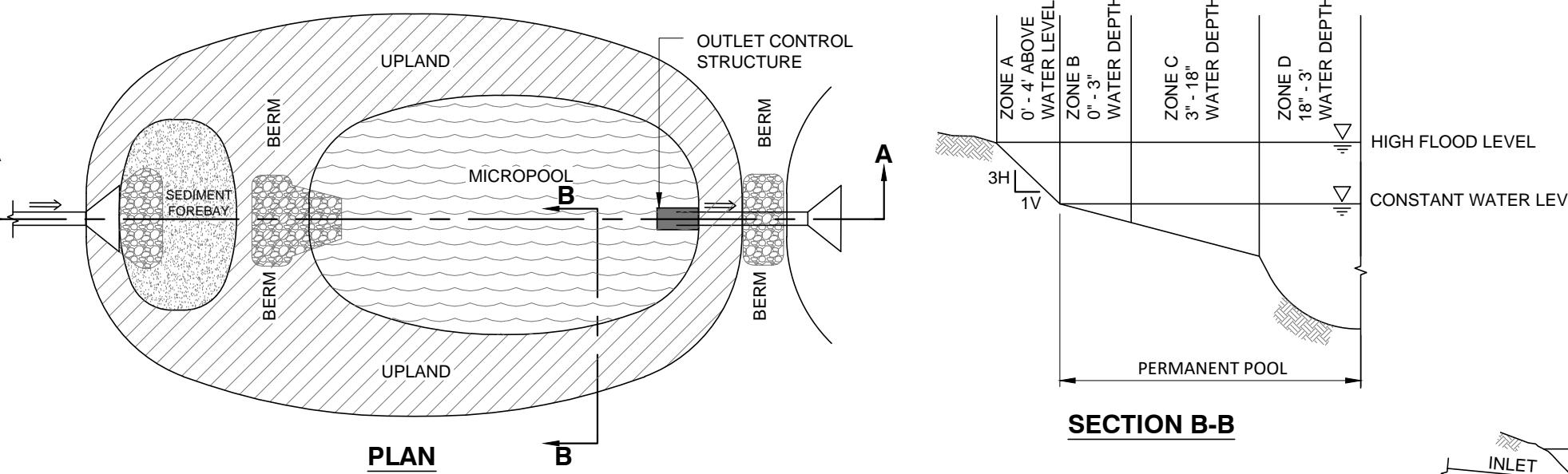
NOTE:

1. RETAINING WALL SHALL BE REDIROCK GRAVITY BLOCK WALL OR EQUAL.
2. FOR WALL CONSTRUCTION, FOLLOW MANUFACTURER'S INSTRUCTIONS.

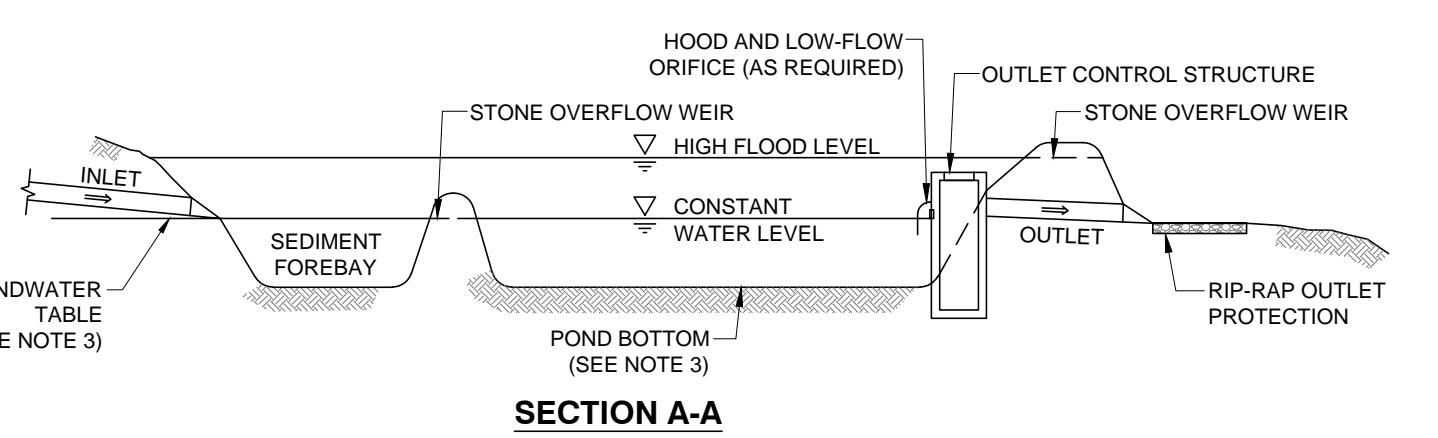
1 PRECAST BLOCK RETAINING WALL (MAX. 8' HEIGHT)

SD-2

SCALE: N.T.S.



SECTION B-B



SECTION A-A

NOTES:

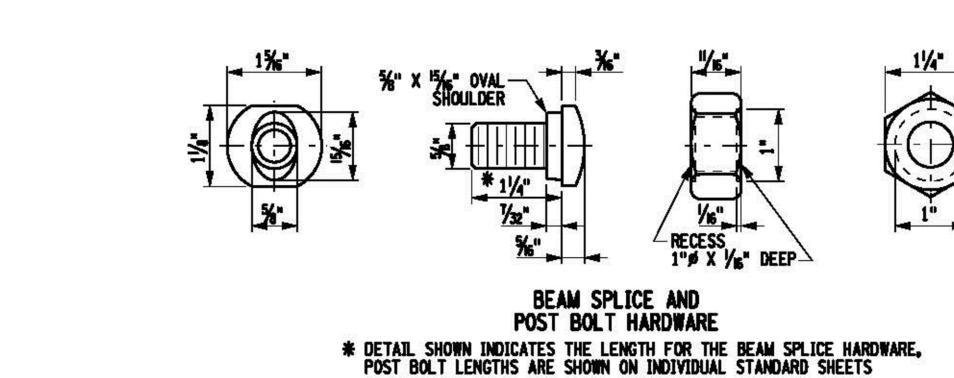
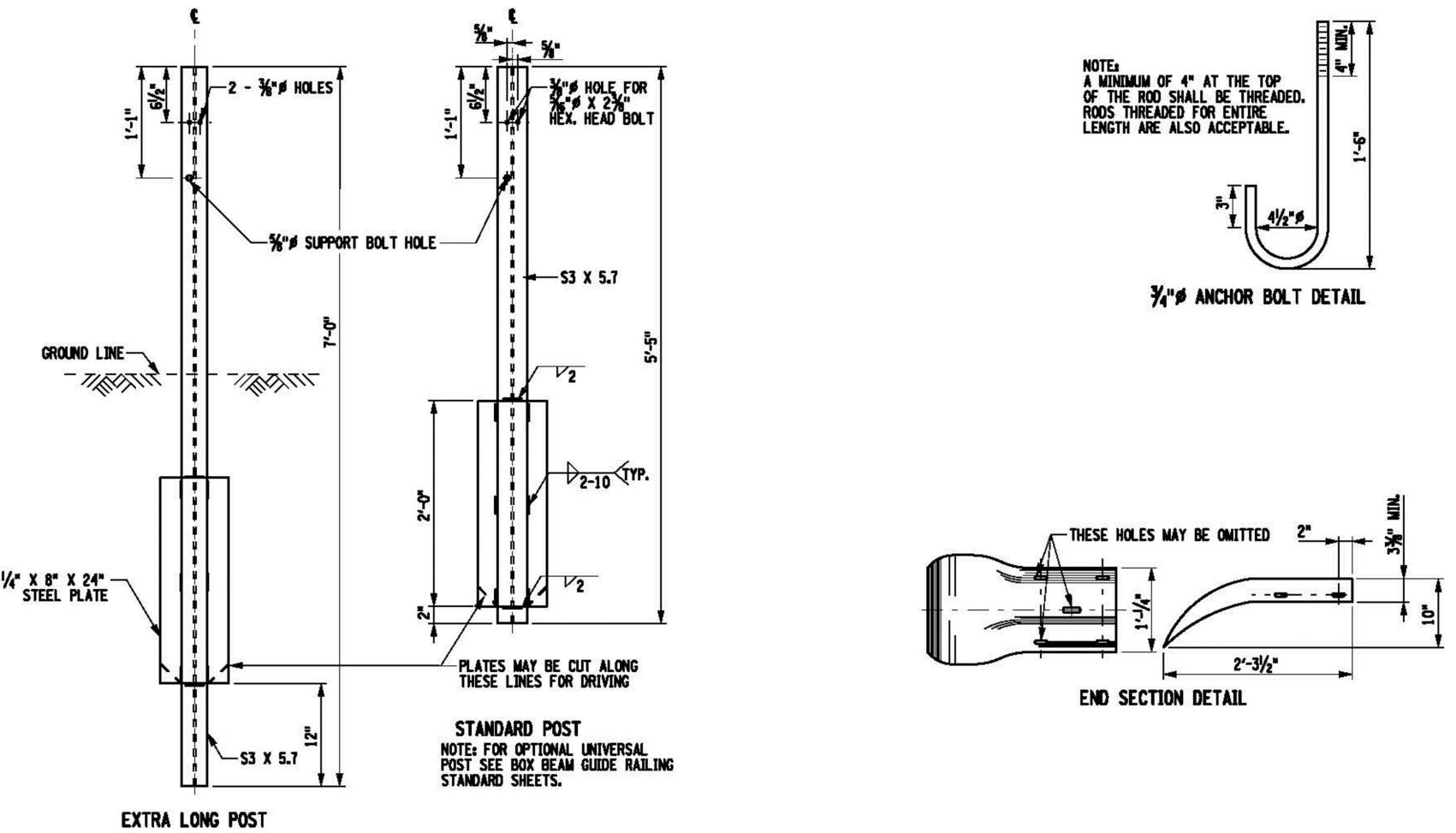
1. POND SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH 'THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL', LATEST EDITION.
2. CONSTANT WATER ELEVATION SHALL BE SET BY THE ORIFICE INVERT OF THE OUTLET CONTROL STRUCTURE OR OTHER LOWEST OUTLET INVERT SPECIFIED.
3. CONSTANT WATER ELEVATION SHALL BE MAINTAINED BY A HIGH GROUNDWATER TABLE. IF A HIGH GROUNDWATER TABLE IS NOT PRESENT, A POND LINER SHALL BE USED. THE ACCEPTABLE LINER OPTIONS ARE AS FOLLOWS:
 - A) 6 INCHES OF CLAY SOIL (MINIMUM 50% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 1 X 10^-5 CM/SEC)
 - B) BENTONITE
 - C) USE OF CHEMICAL ADDITIVES (SEE NRCS AGRICULTURAL HANDBOOK NO. 386, DATED 1961, OR ENGINEERING FIELD MANUAL)
- D) A DESIGN PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK

POND PLANTING SCHEDULE					
	COMMON NAME	NAME	SIZE	ROOT	REMARKS
SHRUBS					
ZONE A 0'-4' ABOVE WATER LEVEL	SILKY DOGWOOD BUTTONBUSH COMMON SPICE BUSH LINDERA BENZOGALA SERVICEBERRY	CORNUS AMOMUM LEPHALANTHUS OCCIDENTALIS LINDERA BENZOGALA AMELANCHIER CANADENSIS	18"-24" 12"-18" 12"-18" 3"-4"	#3 CAN #2 CAN #2 CAN B&B	PLANT 10' O.C. PLANT 10' O.C. PLANT 10' O.C. MULTI-STEM, 10' O.C.
EMERGENTS					
ZONE B 0"-3" WATER DEPTH					
ZONE C 3"-18" WATER DEPTH					
ZONE D 18"-3" WATER DEPTH					
PERMANENT POOL AREA SHALL BE PLANTED WITH ERNST OBL WETLAND MIX (ERNMX 131) (OR EQUAL) AT 1/2 POUND PER 1000 SQUARE FEET. FOLLOW MANUFACTURERS RECOMMENDATION FOR PLANTING SCHEDULE AND METHOD.					

2 POND PLANTING DETAIL

SD-2

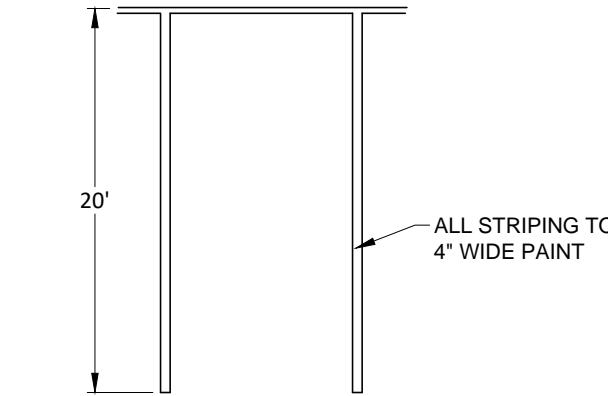
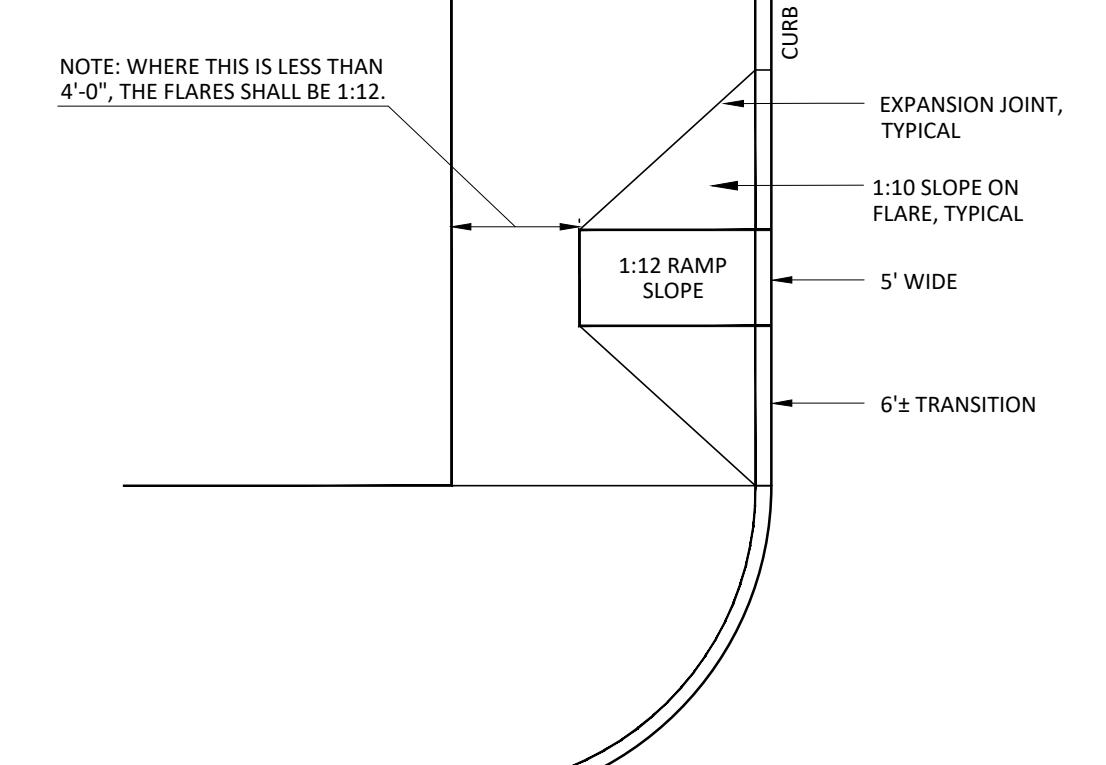
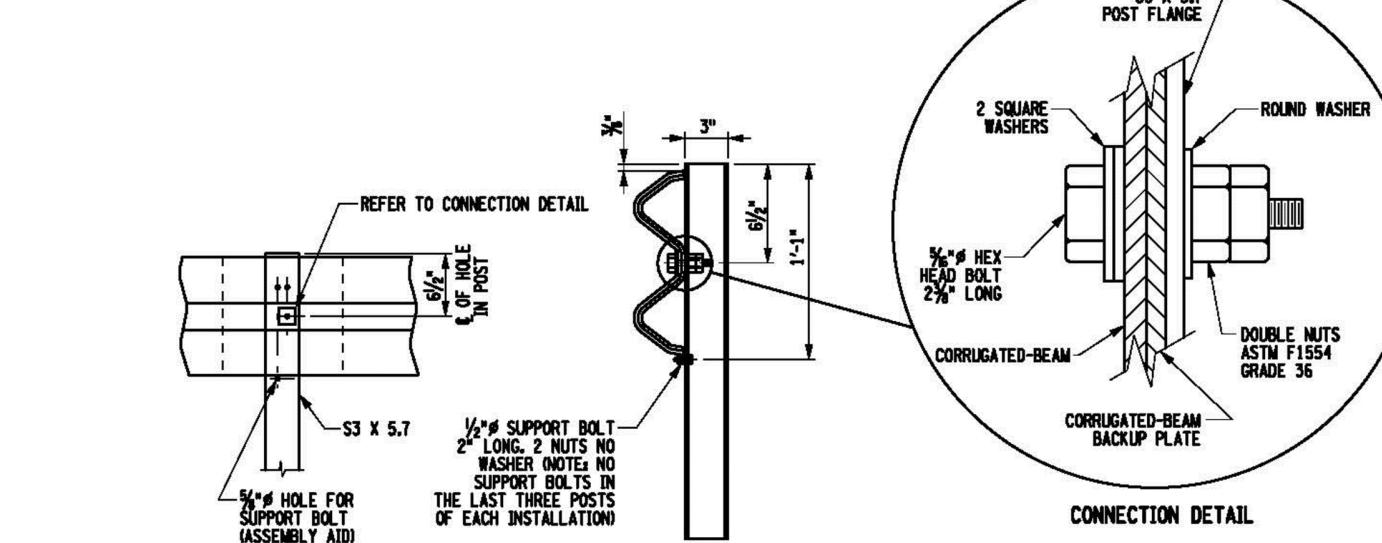
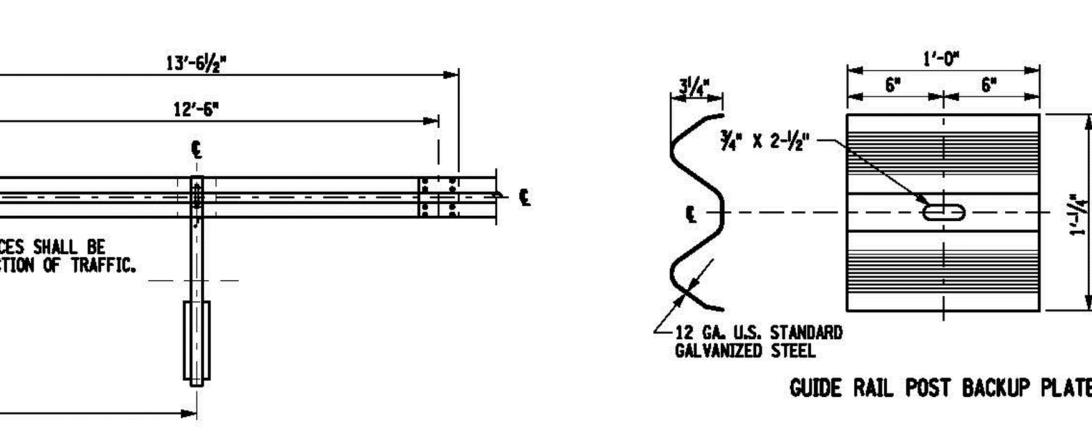
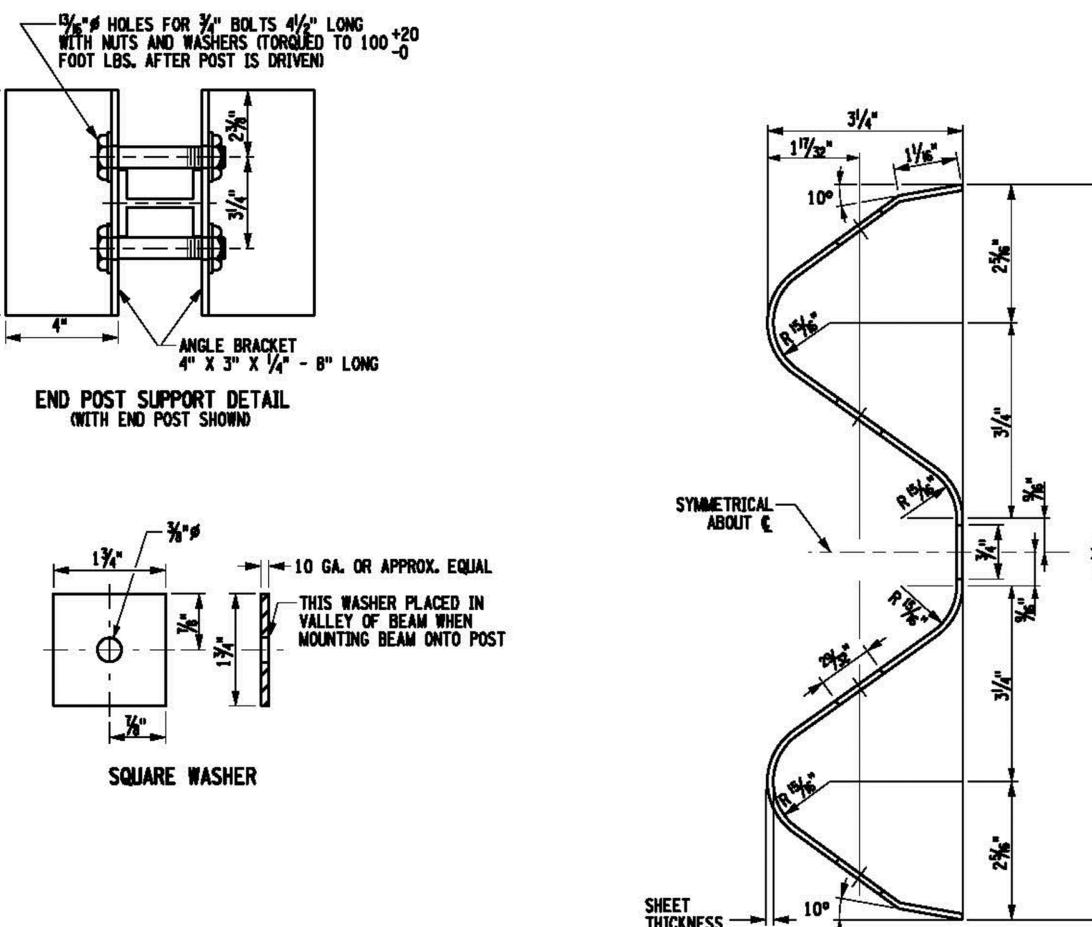
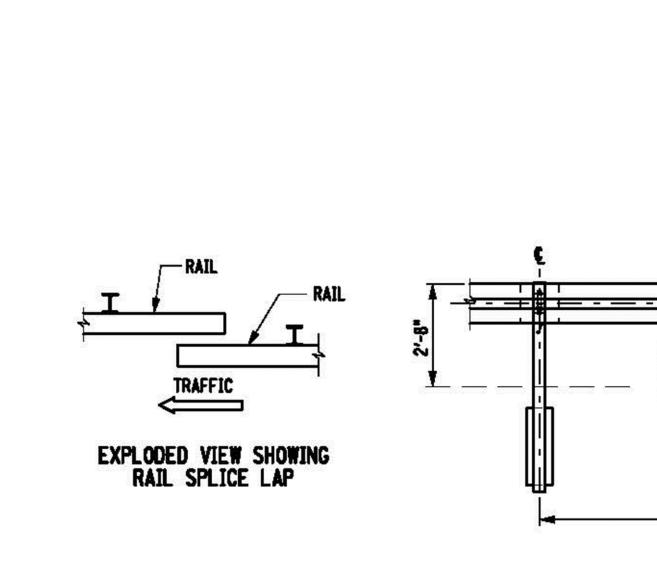
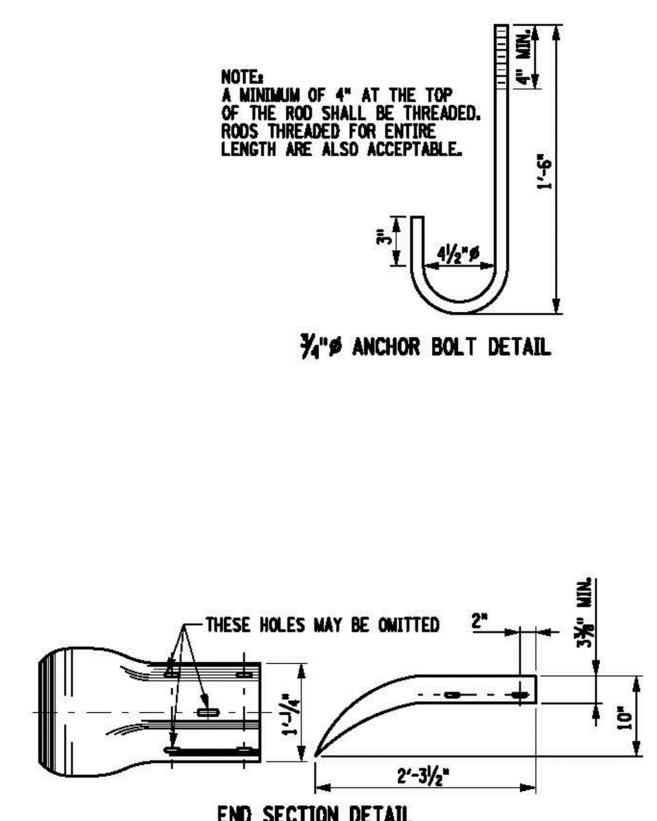
SCALE: N.T.S.



3 GUIDE RAIL DETAIL

SD-2

SCALE: N.T.S.



4 ADA ACCESSIBLE RAMP DETAIL

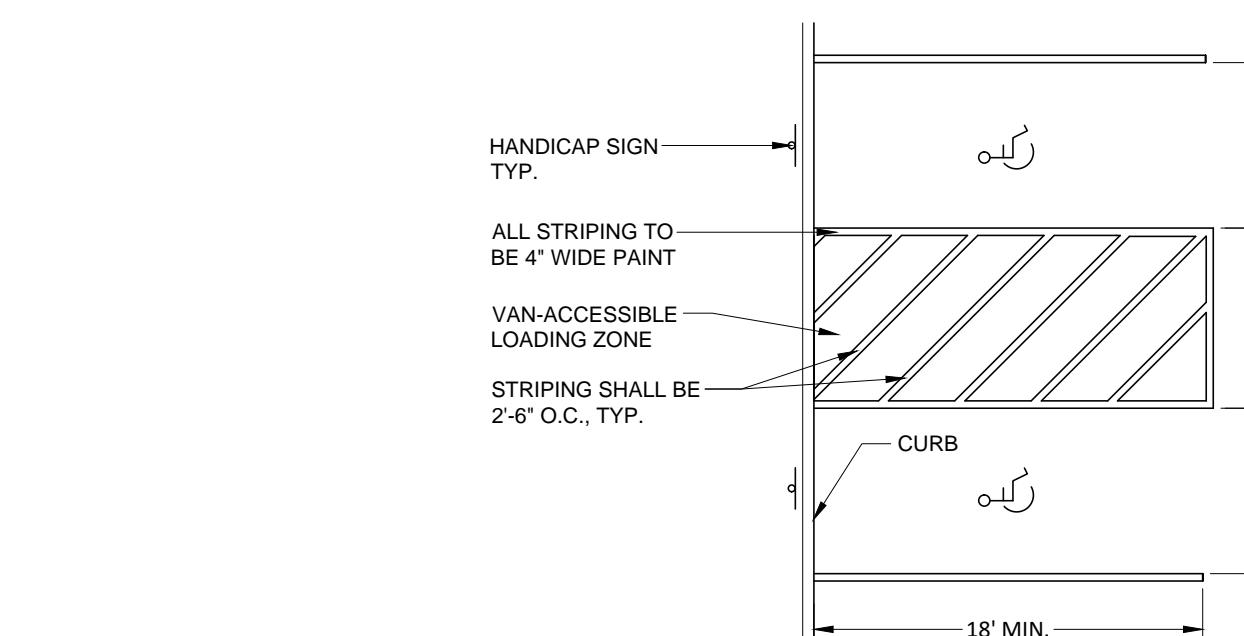
SD-2

SCALE: N.T.S.

5 TYPICAL PARKING SPACE STRIPING DETAIL

SD-2

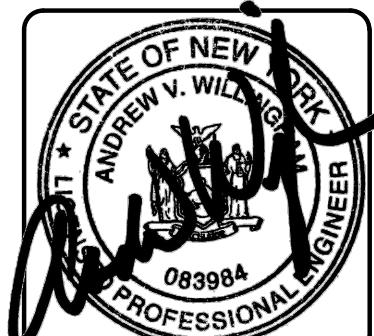
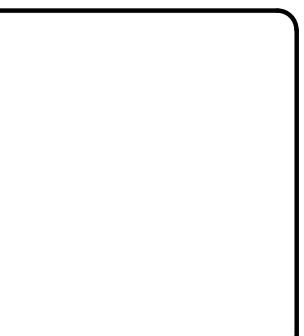
SCALE: N.T.S.



6 HANDICAP PARKING AREA DETAIL

SD-2

SCALE: N.T.S.



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REV	DATE	DESCRIPTION

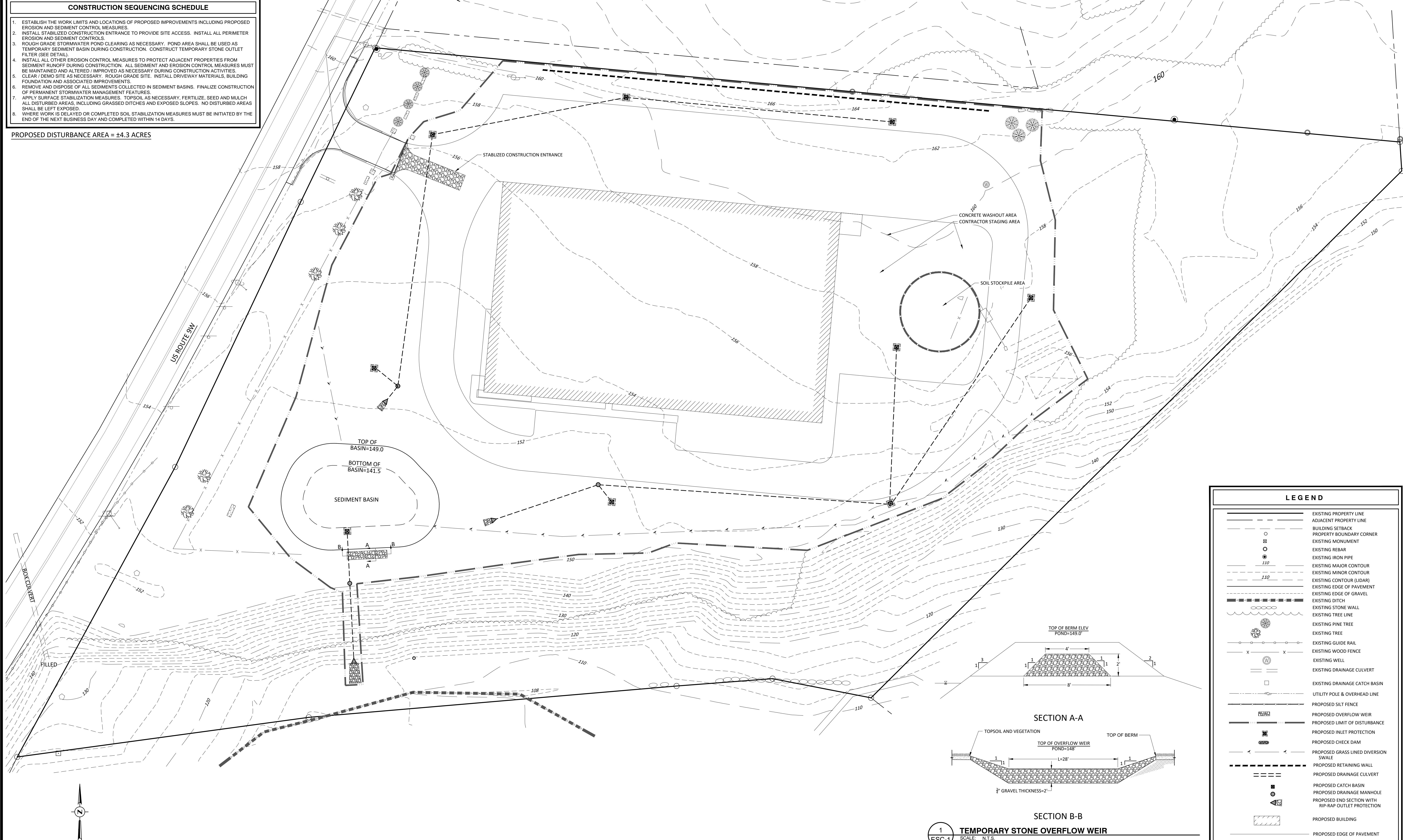
SITE DETAILS		
MARLBORO II DISTRIBUTION 1100 US ROUTE 9W TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK		

DRAWN BY	CHECKED BY
MLT	AVW
DATE	SCALE
01/05/18	1"=30'
PROJECT NO.	
17003	
SHEET NO.	
SD-2	

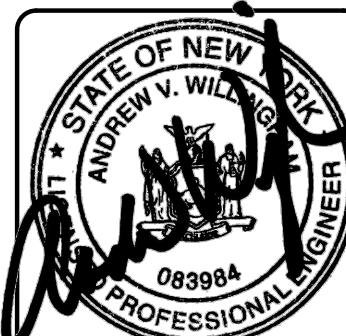
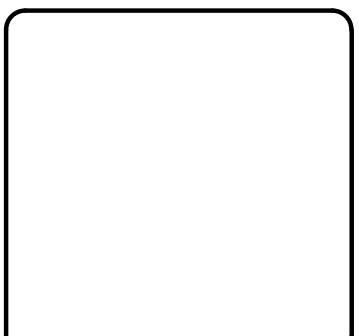
CONSTRUCTION SEQUENCING SCHEDULE

- ESTABLISH THE WORK LIMITS AND LOCATIONS OF PROPOSED IMPROVEMENTS INCLUDING PROPOSED EROSION AND SEDIMENT CONTROL MEASURES.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE TO PROVIDE SITE ACCESS. INSTALL ALL PERIMETER FENCE AND GUARD RAILS.
- ROUGH GRADE STORMWATER POND CLEARING AS NECESSARY. POND AREA SHALL BE USED AS TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION. CONSTRUCT TEMPORARY STONE OUTLET FILTER (SEE DETAIL).
- INSTALL ALL OTHER EROSION CONTROL MEASURES TO PROTECT ADJACENT PROPERTIES FROM SEDIMENT RUNOFF DURING CONSTRUCTION. ALL SEDIMENT AND EROSION CONTROL MEASURES MUST BE MAINTAINED AND ALTERED, IF NECESSARY, DURING CONSTRUCTION ACTIVITIES.
- CLEAR / DEMO SITE AS NECESSARY. ROUGH GRADE SITE. INSTALL DRIVEWAY MATERIALS, BUILDING FOUNDATION AND ASSOCIATED IMPROVEMENTS.
- REMOVE AND DISPOSE OF ALL SEDIMENTS COLLECTED IN SEDIMENT BASINS. FINALIZE CONSTRUCTION OPERATING STORMWATER MANAGEMENT FEATURES.
- APPLY SURFACE STABILIZATION MEASURES. TOPSOIL AS NECESSARY. FERTILIZE, SEED AND MULCH ALL DISTURBED AREAS, INCLUDING GRASSED DITCHES AND EXPOSED SLOPES. NO DISTURBED AREAS SHALL BE LEFT EXPOSED.
- WHERE WORK IS DELAYED OR COMPLETED SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN 14 DAYS.

PROPOSED DISTURBANCE AREA = ±4.3 ACRES



LEGEND	
—	EXISTING PROPERTY LINE
—	ADJACENT PROPERTY LINE
—	BUILDING SETBACK
—	PROPERTY BOUNDARY CORNER
—	EXISTING MONUMENT
—	EXISTING REBAR
—	EXISTING IRON PIPE
—	EXISTING MAJOR CONTOUR
—	EXISTING MINOR CONTOUR
—	EXISTING LIDAR
—	EXISTING EDGE OF PAVEMENT
—	EXISTING EDGE OF GRAVEL
—	EXISTING DITCH
—	EXISTING STONE WALL
—	EXISTING TREE LINE
—	EXISTING PINE TREE
—	EXISTING TREE
—	EXISTING GUIDE RAIL
—	EXISTING WOOD FENCE
—	EXISTING WELL
—	EXISTING DRAINAGE CULVERT
—	EXISTING DRAINAGE CATCH BASIN
—	UTILITY POLE & OVERHEAD LINE
—	PROPOSED SILT FENCE
—	PROPOSED OVERFLOW WEIR
—	PROPOSED LIMIT OF DISTURBANCE
—	PROPOSED INLET PROTECTION
—	PROPOSED CHECK DAM
—	PROPOSED GRASS LINED DIVERSION SWALE
—	PROPOSED RETAINING WALL
—	PROPOSED DRAINAGE CULVERT
—	PROPOSED CATCH BASIN
—	PROPOSED DRAINAGE MANHOLE
—	PROPOSED END SECTION WITH RIP-RAP OUTLET PROTECTION
—	PROPOSED BUILDING
—	PROPOSED EDGE OF PAVEMENT



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REV	DATE	DESCRIPTION

EROSION AND SEDIMENT CONTROL PLAN		
MARLBORO II DISTRIBUTION		
1100 US ROUTE 9W TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK		

DRAWN BY	CHECKED BY
M.L.	AVW
DATE	SCALE
01/05/18	1"=30'
PROJECT NO.	
17003	
SHEET NO.	
ESC-1	

