

MAP NOTE

1. A BUILDING PERMIT IS REQUIRED FOR RETAINING WALLS IN EXCESS OF 4 FEET. PLANS MUST BE SUBMITTED TO THE TOWN BUILDING INSPECTOR FOR THE RETAINING WALL.

SURVEY NOTE

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 9 LLC'.

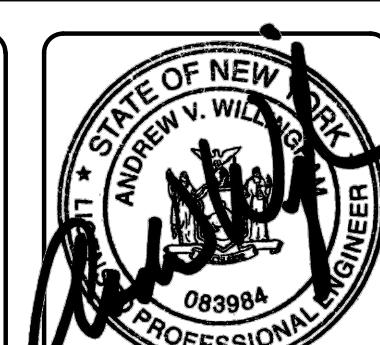
DRAINAGE STRUCTURE TABLE

CB-1	CB-5	MH-2	ES-2
RIM=153.2	RIM=155.3	RIM=153.7	INV=147.0
INV OUT=151.0	INV OUT=152.3	INV IN (E)=147.6	
		INV IN (SE)=147.5	
		INV OUT=147.5	ES-3
CB-2	CB-6	MH-3	
RIM=153.2	RIM=152.4	RIM=148.0	
INV IN=150.0	INV IN (N)=148.7	INV IN=140.3	
INV OUT=150.0	INV IN (NE)=148.7	INV OUT=148.7	
CB-3	MH-1	MH-4	
RIM=153.5	RIM=152.0	RIM=124.0	
INV IN=149.2	INV IN (N)=147.7	INV IN (NW)=147.7	
INV OUT=149.2	INV OUT=147.7	INV OUT=119.8	
CB-4	ES-1	INV OUT=147.7	
RIM=152.7	INV IN=149.7	INV OUT=149.7	
INV OUT=149.7		INV OUT=149.7	
		INV OUT=147.0	

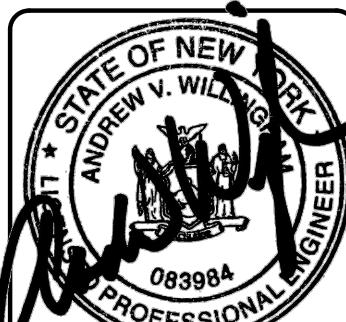
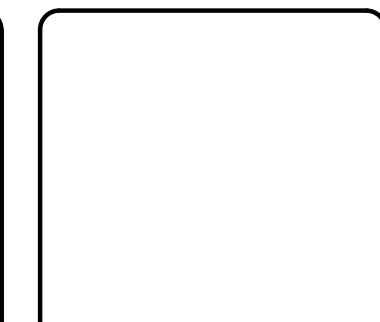
PROPOSED DISTURBANCE AREA = ±4.3 ACRES

PROPOSED 60'x10' WATER STORAGE TANK WITH FILL PIPE AT GRADE
PROPOSED 6' VALVE CHAMBER

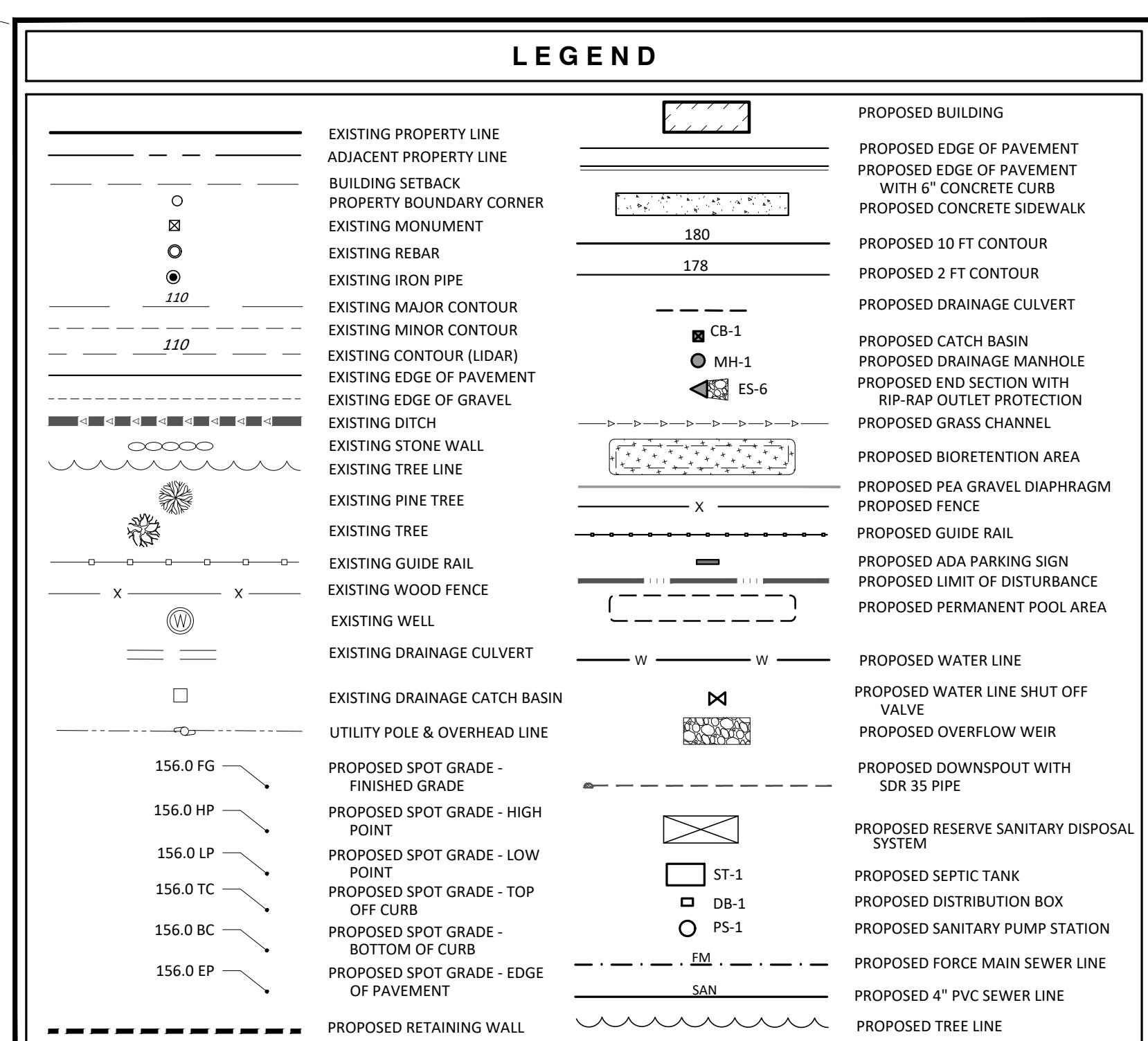
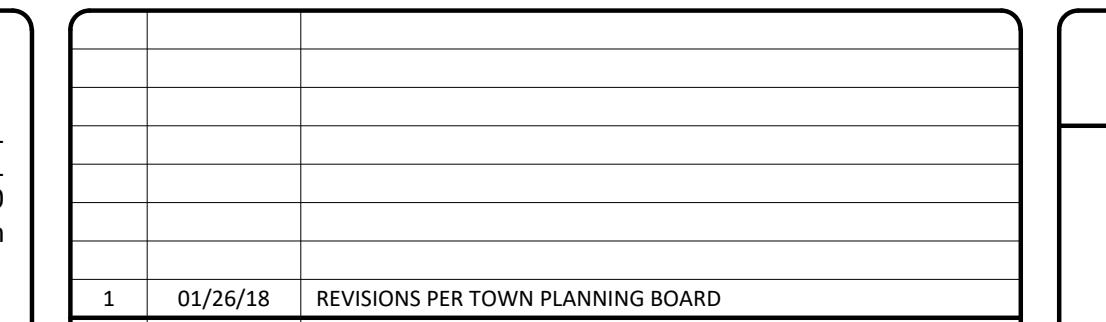
US ROUTE 9W



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ORIGINAL SIZE IN INCHES



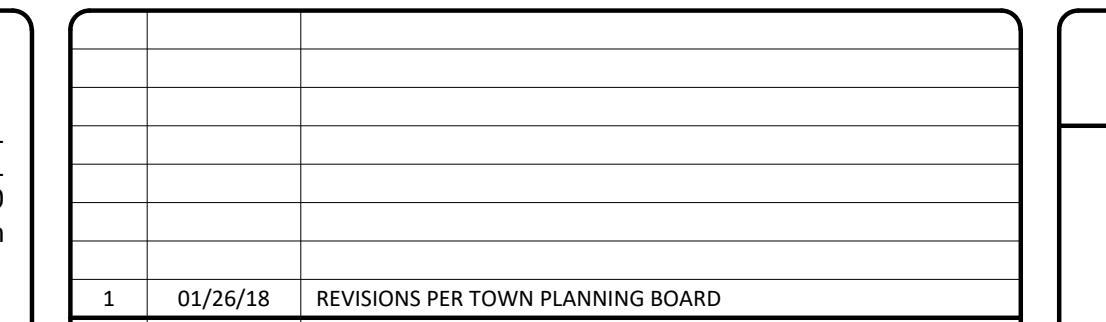
GRADING AND UTILITY PLAN

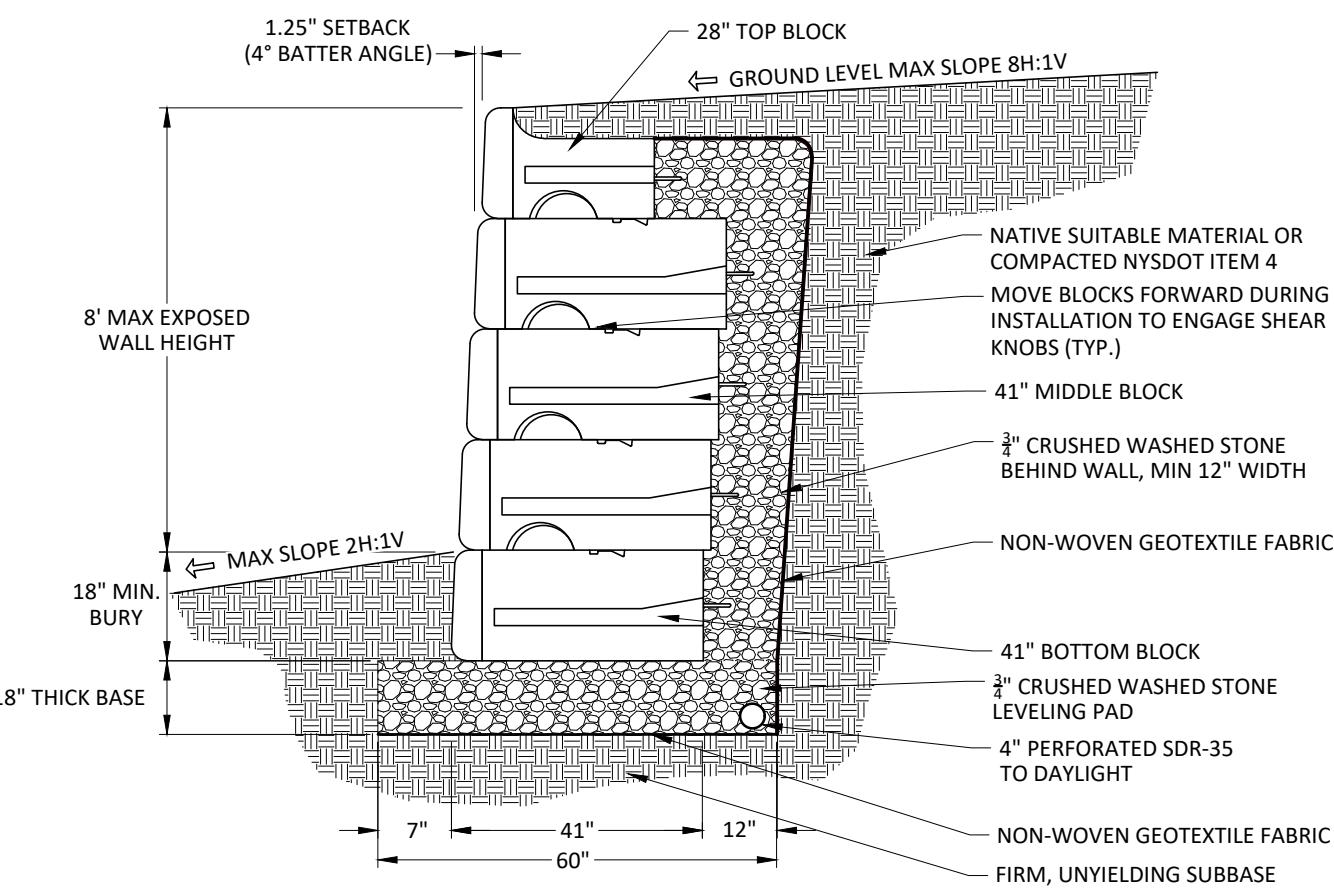
MARLBORO II DISTRIBUTION

1100 US ROUTE 9W

TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK

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





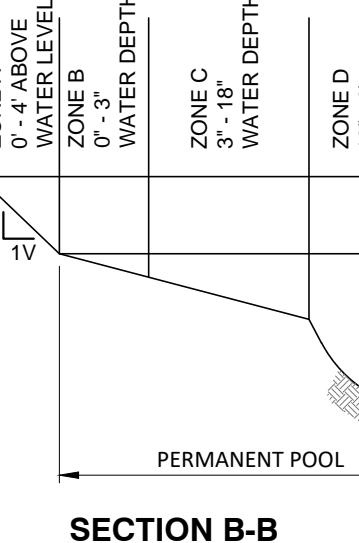
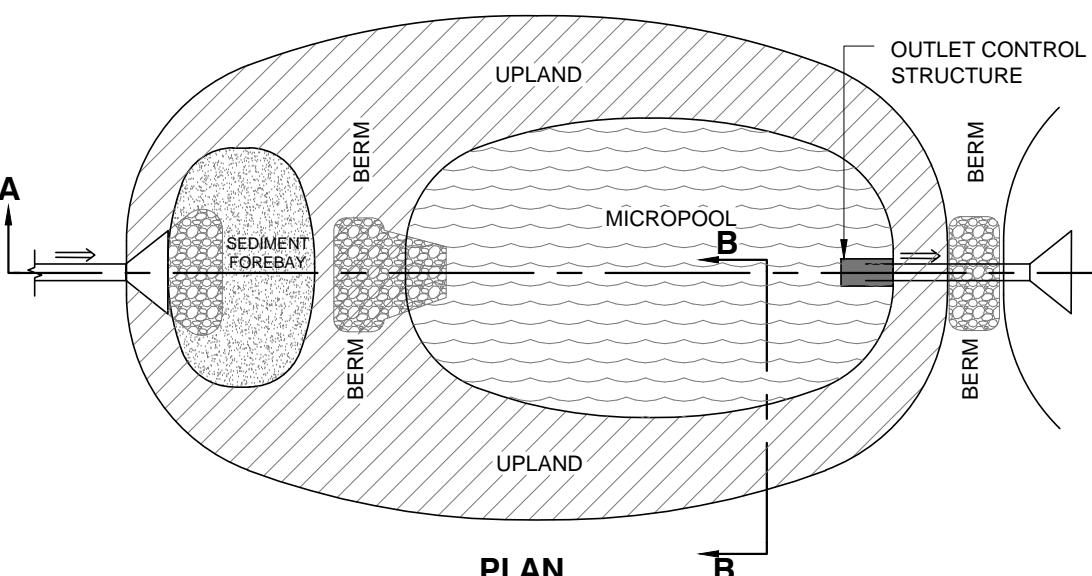
NOTE:

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

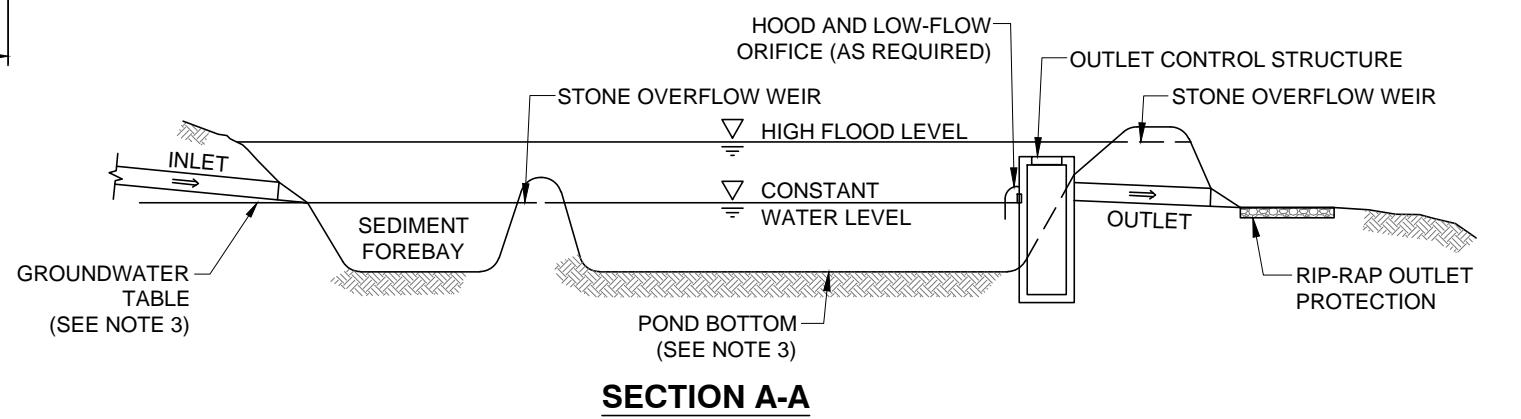
1 PRECAST BLOCK RETAINING WALL (MAX. 8' HEIGHT)

SD-2

SCALE: N.T.S.



SECTION B-B

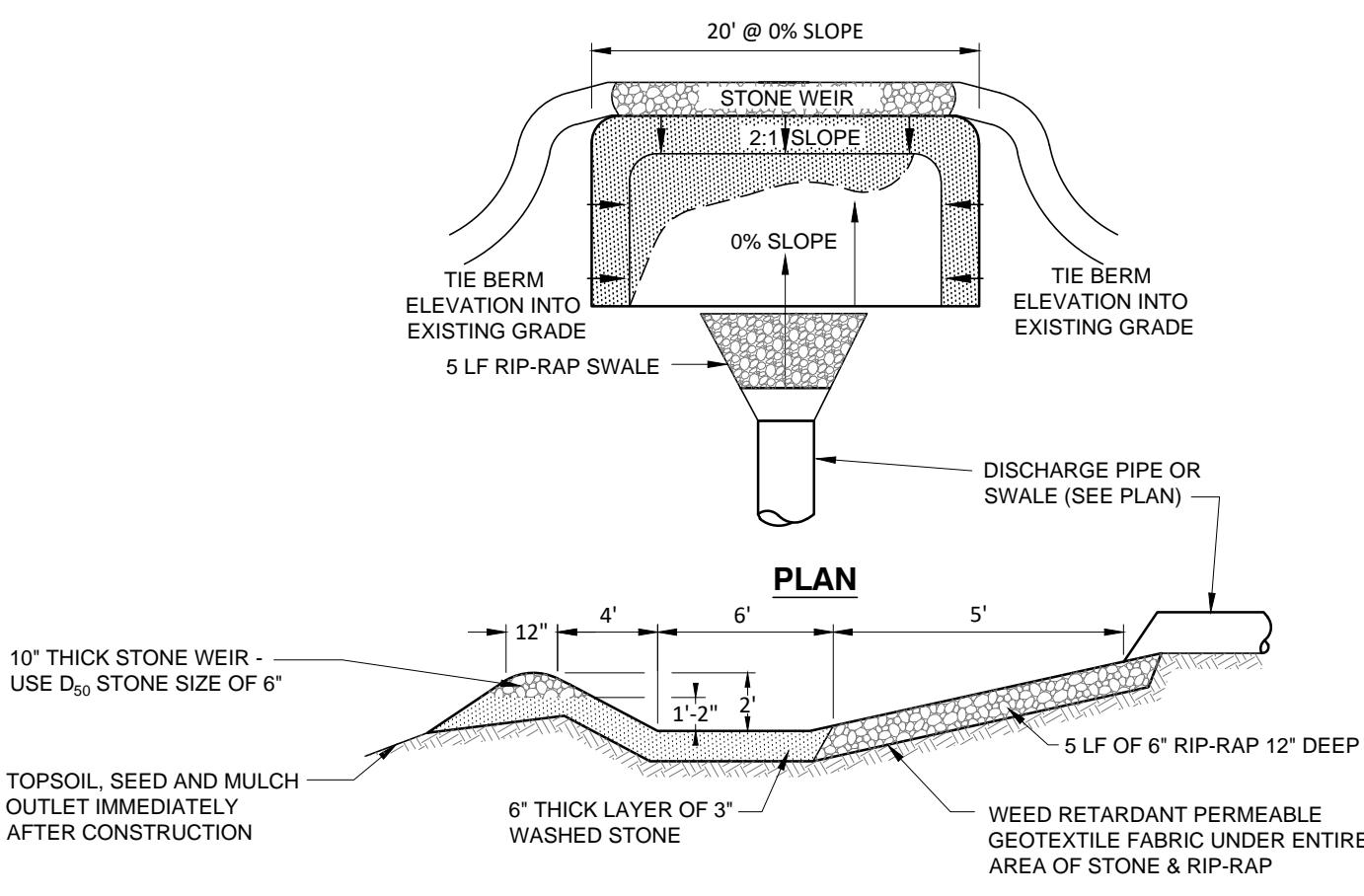


SECTION A-A

POND PLANTING SCHEDULE					
	COMMON NAME	NAME	SIZE	ROOT	REMARKS
SHRUBS					
ZONE A 0'-3" ABOVE WATER LEVEL	SILKY DOGWOOD	CORNUS AMOMIUM	18"-24"	#3 CAN	PLANT 10' O.C.
	BUTTONBUSH	CEPHALANTHUS OCCIDENTALIS	12"-18"	#2 CAN	PLANT 10' O.C.
	COMMON SPICE BUSH	LINDERA BENZINII	12"-18"	#2 CAN	PLANT 10' O.C.
	SERVICEBERRY	AMELANCHIER CANADENSIS	3"-4"	B&B	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 (ERNMIX 131) (OR EQUAL) AT 1/2 POUND PER 1000 SQUARE FEET. FOLLOW MANUFACTURERS RECOMMENDATION FOR PLANTING SCHEDULE AND METHOD.					

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) 9 INCHES OF CLAY SOIL (MINIMUM 50% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 1×10^{-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



3 LEVEL SPREADER DETAIL

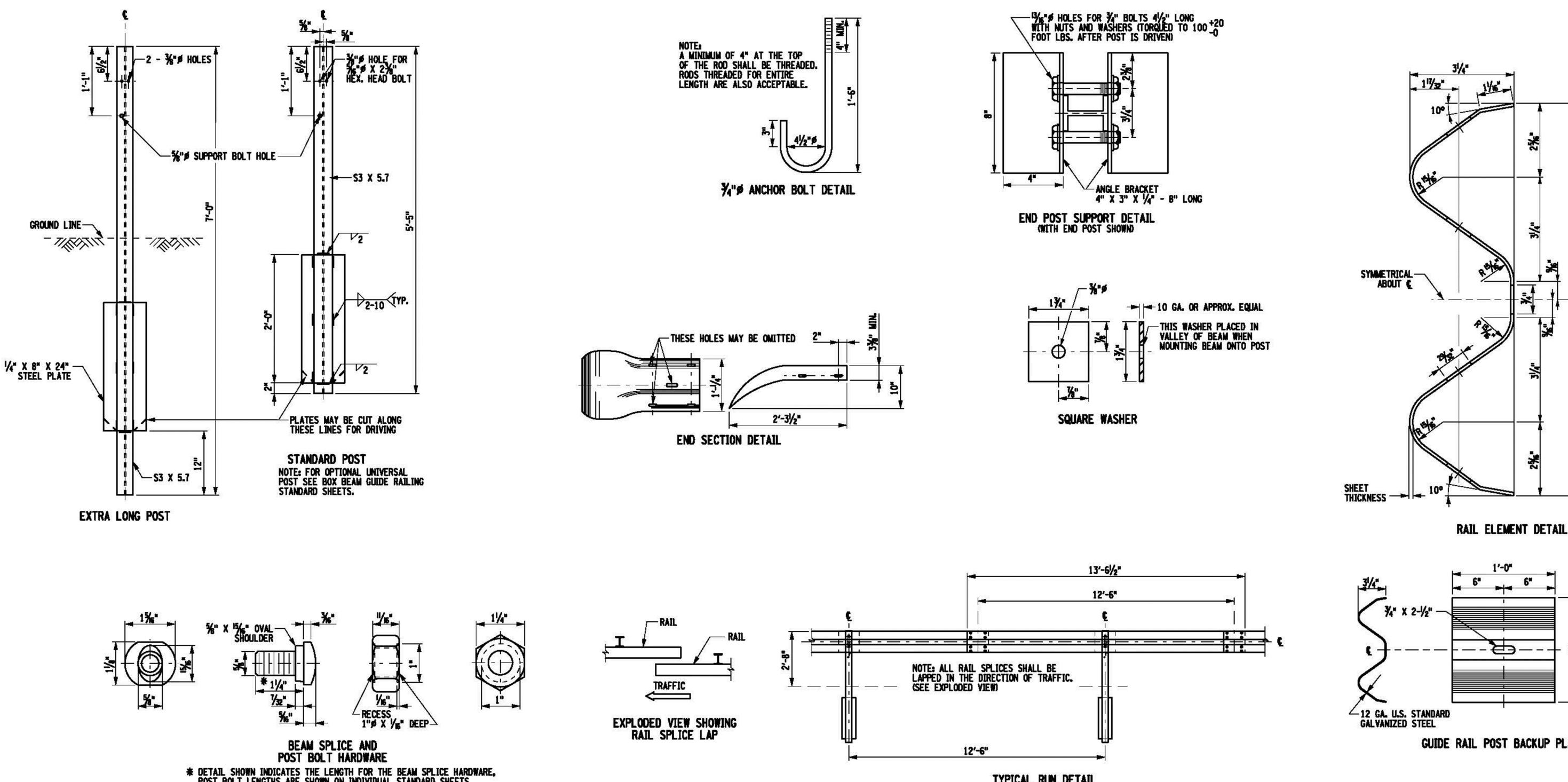
SD-2

SCALE: N.T.S.

2 POND PLANTING DETAIL

SD-2

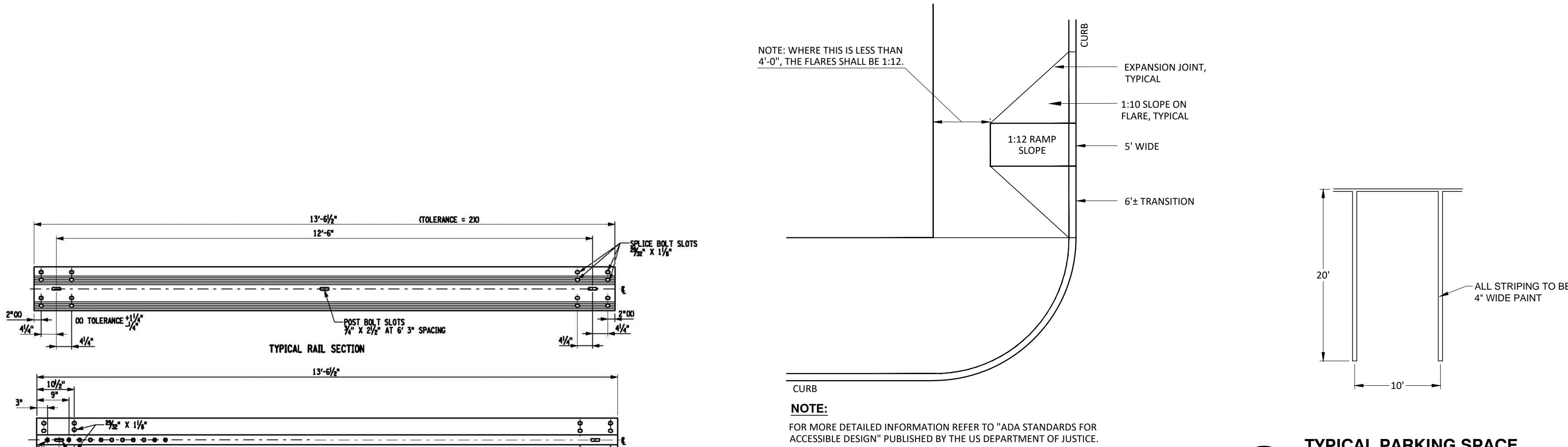
SCALE: N.T.S.



4 GUIDE RAIL DETAIL

SD-2

SCALE: N.T.S.



5 ADA ACCESSIBLE RAMP DETAIL

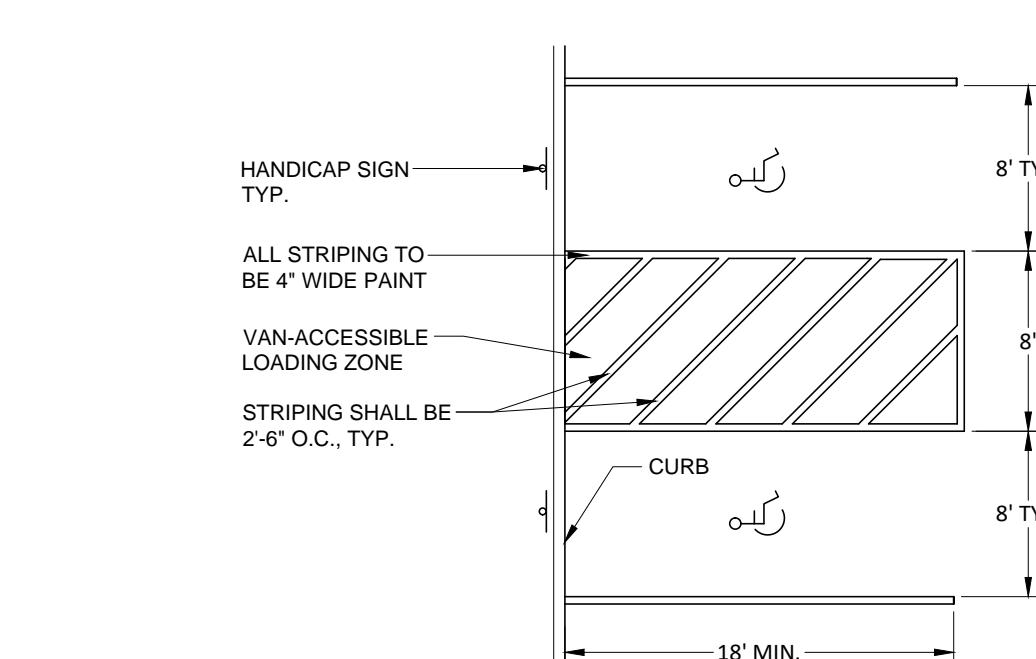
SD-2

SCALE: N.T.S.

6 TYPICAL PARKING SPACE STRIPING DETAIL

SD-2

SCALE: N.T.S.

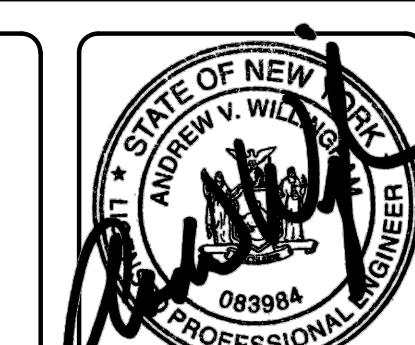


NOTE:
THE SLOPE OF THE HANDICAP PARKING AREA SHALL NOT EXCEED 2% IN ANY DIRECTION.

7 HANDICAP PARKING AREA DETAIL

SD-2

SCALE: N.T.S.



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REV	DATE	REVISIONS PER PLANNING BOARD COMMENTS
1	01/26/18	

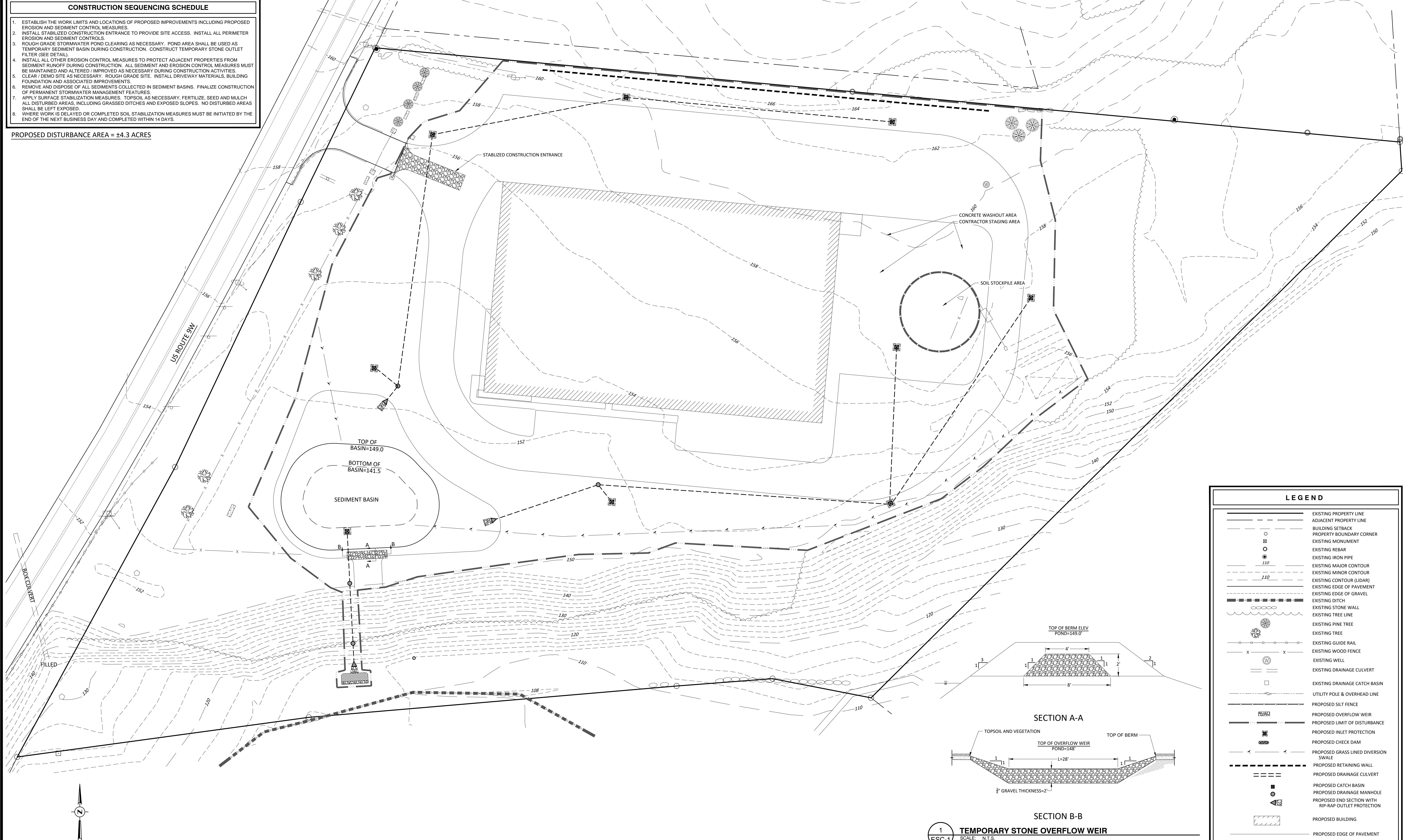
SITE DETAILS		
MARLBORO II DISTRIBUTION 1100 US ROUTE 9W TOWN OF MARLBOROUGH, ULSTER COUNTY, NEW YORK		

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

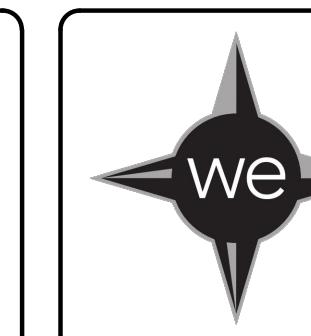
CONSTRUCTION SEQUENCING SCHEDULE

- 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 CONCRETE FENCE POSTS.
- 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



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REV	DATE	REVISIONS PER PLANNING BOARD COMMENTS
1	01/26/18	DESCRIPTION

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

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

EROSION AND SEDIMENT CONTROL NOTES - GENERAL
 ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND PRINCIPLES AS OUTLINED IN THE "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" AND THE LOCAL MUNICIPALITY'S EROSION AND SEDIMENT CONTROL STANDARDS AND PRACTICES, IF SUCH A DOCUMENT EXISTS. THESE STANDARDS AND PRACTICES ARE MEANT TO BE USED AS A GUIDE. CONSTRUCTION ACTIVITIES SHALL NOT DESTROY, STABILIZE OR PROTECT THE SITE FROM EROSION AFTER CONSTRUCTION IS COMPLETE AND MITIGATE ANY ADVERSE IMPACTS TO STORMWATER QUALITY RESULTING FROM SEDIMENT RUNOFF CAUSED BY DEVELOPMENT ACTIVITIES.
 NO SOIL STOCKPILE OR GRADED AREA SHALL REMAIN EXPOSED FOR MORE THAN 14 DAYS. THE EXPOSED AREAS OR SOIL STOCKPILES SHALL BE STABILIZED WITHIN THE 14 DAY PERIOD. STABILIZATION MEASURES TO BE USED INCLUDE TEMPORARY SEDIMENTATION, EROSION CONTROL, AND STONE RIP RAP. DURING CONSTRUCTION, RUNOFF SHALL BE DIVERTED AROUND THE SITE WITH EARTH DIKES, PIPING, OR STABILIZED CHANNELS WHERE POSSIBLE. SHOT RUNOFF FROM THE SITE SHALL BE PROVIDED WITH BARRIER FILTERS. STONE RIP RAP SHALL BE PROVIDED AT THE OUTLETS OF DRAINAGE PIPES WHERE EROSION VELOCITIES ARE ENCOUNTERED.

TIMING OF CONTROL MEASURES

AS INDICATED ABOVE IN THE CONSTRUCTION SEQUENCE SCHEDULE, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCING ANY CLEARING OR GRADING OF THE SITE. STRUCTURAL CONTROLS SHALL BE INSTALLED CONCURRENTLY WITH THE CONSTRUCTION ACTIVITY. AREAS WHICH ARE SUBJECT TO CONSTRUCTION ACTIVITY SHALL CEASE FOR MORE THAN TWENTY ONE (21) DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN FOURTEEN (14) DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, SILT FENCES AND HAY BALE BARRIERS AND ANY EARTH DIKES WILL BE REMOVED ONCE PERMANENT MEASURES AND STABILIZATION ARE ESTABLISHED.

GENERAL INSPECTION AND MAINTENANCE PRACTICE

THESE ARE THE GENERAL INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO IMPLEMENT THE PLAN DURING CONSTRUCTION.

1. THE SMALLEST PRACTICAL PORTION OF THE SITE WILL BE DISTURBED AT ONE TIME.
2. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK.
3. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
4. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.

INSTALLATION NOTES

1. TEMPORARY SEEDING SHOULD BE MADE WITHIN 24 HOURS OF CONSTRUCTION OR DISTURBANCE. IF NOT, THE SOIL MUST BE SCARIFIED PRIOR TO SEEDING.
2. IN ORDER FOR MULCH TO BE EFFECTIVE IT MUST BE PLACED PRIOR TO MAJOR STORM EVENTS. IT WILL BE NECESSARY TO CLOSELY MONITOR WEATHER PREDICTIONS TO HAVE ADEQUATE WARNING OF SIGNIFICANT STORMS.
3. THE MAXIMUM PERIOD TO MULCH CAN RANGE FROM 14 TO 21 DAYS OF INACTIVITY ON AN AREA. THE LENGTH OF TIME VARYING WITH SITE CONDITIONS. PROFESSIONAL JUDGMENT SHALL BE USED TO EVALUATE THE INTERACTION OF SITE CONDITIONS (SOIL ERODABILITY, SEASON OF YEAR, EXTENT OF DISTURBANCE, PROXIMITY TO SENSITIVE RESOURCES, ETC.) AND THE POTENTIAL IMPACT OF EROSION ON ADJACENT AREAS IN ORDER TO CHOOSE AN APPROPRIATE TIME RESTRICTION.
4. WHEN MULCH IS APPLIED TO PROVIDE PROTECTION OVER WINTER (PAST THE GROWING SEASON) IT SHALL BE AT THE RATE OF 6,000 LBS OF HAY OR STRAW PER ACRE. A TACKIFIER MAY BE ADDED TO THE MULCH.

SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM. REFER TO CONSTRUCTION SEQUENCING SCHEDULE IN SWPPP REPORT FOR FURTHER INFORMATION.

130 (MIN) 500 LBS PURE LIVE SEED PER ACRE

MULCH: LAYER OF COMMON HAY OR STRAW; 2 TONS PER ACRE

FERTILIZER: COMMERCIAL 30-10-20, SLOW RELEASE

APPLICATION RATE AS PER MANUFACTURER'S RECOMMENDATIONS (NO MORE THAN 1 LB NITROGEN PER 1000 SF)

EXISTING GRADE

4" MIN.

TOPSOIL MIN. OF 4" DEPTH IN MOWED AREAS, 2" IN UNMOWED AREAS

SEEDING NOTES:

1. PRE-SEED, CLEAN, NEW SEED COMPLYING WITH ESTABLISHED TOLERANCES FOR GERMINATION AND PURITY IN ACCORDANCE WITH THE U.S. DEPARTMENT OF AGRICULTURE RULES AND REGULATIONS UNDER THE LATEST EDITION OF THE FEDERAL SEED ACT. SEED SHALL BE MIXED BY THE DEALER AND SHALL BE DELIVERED TO THE SITE IN SEALED CONTAINERS WHICH SHALL BEAR THE DEALER'S GUARANTEE ANALYSIS.
2. SEED MIXTURES:

FOR TEMPORARY SEEDING - OR - AREAS THAT WILL NOT BE MAINTAINED: RAPIDLY GERMINATING ANNUAL RYEGRASS: 100 LBS PER ACRE PERENNIAL RYEGRASS: 100 LBS PER ACRE CEREAL RYE: 30 LBS PER ACRE

FOR USE ON LAWN AREAS (AREAS TO BE MAINTAINED):

ALTERNA TE (SUNNY SITE): 65% KENTUCKY BLUE GRASS BLEND: 85-114 LBS PER ACRE

20% PERENNIAL RYEGRASS: 26-35 LBS PER ACRE

15% FINE FESCUE: 19-26 LBS PER ACRE

TOTAL: 130-175 LBS PER ACRE

ALTERNA TE (SHADY SITE):

80% KENTUCKY BLUE GRASS BLEND*: 105-138 LBS PER ACRE

20% PERENNIAL RYEGRASS: 25-37 LBS PER ACRE

TOTAL: 130-175 LBS PER ACRE

15% TOLERANT

3. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, OR HYDRO SEEDER (SLURRY INCLUDING SEED AND FERTILIZER).

HYDRO-SEEDINGS, WHICH INCLUDE MULCH, MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10% WHEN HYDRO-SEEDING.

4. MULCH: 1" DEEP GRAVEL STRAW MULCH (2000 LBS PER ACRE).

5. INTEGRATE TO FULLY SATURATE SOIL LAYER, BUT NOT TO DISLODGE PLANTING SOIL.

6. SEED BETWEEN APRIL 1ST AND MAY 15TH OR AUGUST 15TH AND OCTOBER 15TH. SEEDING MAY OCCUR BETWEEN MAY 15TH AND AUGUST 15TH IF ADEQUATE IRRIGATION IS PROVIDED.

TOPSOIL APPLICATION NOTES:

1. TOPSOIL SHALL BE DISTURBED TO A UNIFORM DEPTH OVER THE AREA. IT SHALL NOT BE PLACED WHEN IT IS PARTIALLY FROZEN, MUDDY OR ON FROZEN SPOTS OVER ICE, SNOW OR STANDING WATER.

2. TOPSOIL PLACED AND GRADED ON SLOPES STEEPER THAN 5% SHALL BE PROMPTLY FERTILIZED, SEEDED AND STABILIZED BY "TRACKING" WITH SUITABLE EQUIPMENT.

3. APPLY TOPSOIL IN THE FOLLOWING AMOUNTS FOR INTENDED USE:

MOVING LAWN: 4-8 INCHES

UNMOVED AREA: 2-4 INCHES.

4. COMPLETE ROUGH GRADING AND FINAL GRADE, ALLOWING FOR DEPTH OF TOPSOIL TO BE ADDED. SCARIFY ALL COMPACT, SLOWLY PERMEABLE, MEDIUM AND FINE TEXTURED SUBSOIL AREAS. SCARIFY AT APPROXIMATELY RIGHT ANGLES TO THE SLOPE DIRECTION IN SOIL AREAS THAT ARE STEEPER THAN 5%.

5. REMOVE REFUSE, BODY PLANT PARTS, STONES OVER 3 INCHES IN DIAMETER, AND OTHER LITTER.

TOPSOIL MATERIAL NOTES:

THE FURNISHINGS OF NEW TOPSOIL SHALL BE OF A BETTER OR EQUAL QUALITY OF THE EXISTING ADJACENT TOPSOIL AND SHALL MEET THE FOLLOWING CRITERIA:

• TOPSOIL SHALL HAVE AT LEAST 2%, BUT NOT MORE THAN 6% BY WEIGHT OF FINE TEXTURED STABILE ORGANIC MATERIAL.

• TOPSOIL SHALL HAVE NOT LESS THAN 20% FINE TEXTURED MATERIAL (PASSING THE NO. 200 SIEVE) AND NOT MORE THAN 15% CLAY.

• TOPSOIL SHALL BE RELATIVELY FREE OF STONES OVER 1" DIAMETER, THRASH, NOXIOUS WEEDS, AND WILL HAVE LESS THAN 10% GRAVEL BY VOLUME.

INSPECTION & MAINTENANCE NOTES:

1. TEMPORARY SEEDINGS SHALL BE PERIODICALLY INSPECTED, AT A MINIMUM OF 50% OF THE SOIL SURFACE SHOULD BE COVERED BY VEGETATION. IF ANY EVIDENCE OF EROSION OR SEDIMENTATION IS APPARENT, REPAIRS SHALL BE MADE AND OTHER TEMPORARY MEASURES USED IN THE INTERIM. (MULCH, FILTER BARRIERS, CHECK DAMS, ETC.).

3. ALL MULCHES MUST BE INSPECTED PERIODICALLY, IN PARTICULAR AFTER RAINSTORMS, TO CHECK FOR RILL EROSION. IF LESS THAN 90% OF THE SOIL SURFACE IS COVERED BY MULCH, ADDITIONAL MULCH SHALL BE APPLIED.

4. AERATE COMPACTED OR HEAVY USED AREAS, ANNUALLY AS SOON AS THE SOIL MOISTURE CONDITIONS PERMIT.

5. RESEED AREAS AND THIN AREAS ANNUALLY WITH ORIGINAL SPECIES.

6. SOIL SHALL MAINTAIN A PH OF 6.0-7.0.

TOPSOIL, SEED AND MULCH DETAIL

SCALE: NTS

2" SLOPE OR LESS

MIN. SLOPE

SILT FENCE

SECTION A-A

SECTION B-B

FILTER FABRIC

2" MAX. AT CENTER

1" SLOPE OR LESS

MIN. SLOPE

SPECIFICATION AND INSTALLATION NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.

2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.

3. UPON COMPLETION OF STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR HAY BALES AND STABILIZED WITH VEGETATION OR COVERED.

4. SPECIFICATIONS ON INSTALLATION OF SILT FENCE.

INSPECTION & MAINTENANCE NOTES:

1. SOIL AND TOPSOIL STOCKPILE SHOULD BE SEEDED IF THEY ARE TO REMAIN DORMANT FOR 30 DAYS.

2. SEE SILT FENCE DETAIL FOR MAINTENANCE AND INSPECTIONS.

SOIL STOCKPILE DETAIL

SCALE: NTS

ORIGINAL SIZE IN INCHES

0 1 2 3

WIRE FENCING

FILTER FABRIC

COMPACTED BACKFILL

STEP 1

SET POSTS AND EXCAVATE A 6"X6" TRENCH, SET POST

ANGLE POST 10' UPSLOPE

FOR STABILITY AND SELF

CLEANING

MATERIAL NOTES:

1. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0 DEGREES TO 120 DEGREE F.

SYNTHETIC FILTER FABRIC SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIERS AS CONFORMING TO THE FOLLOWING REQUIREMENTS:

FABRIC PROPERTIES	MIN. ACCEPTED VALUE	TEST METHOD
GRAB TENSILE STRENGTH (lbs)	90	ASTM D1682
ELONGATION FAILURE (%)	50	ASTM D1682
MULLEN BURST STRENGTH (psi)	190	ASTM D3786
PUNCTURE STRENGTH (lbs)	40	ASTM D751 (MODIFIED)
SLURRY FLOW RATE (gal/min/sf)	0.3	US STD SIEVE CW-02215
EQUIVALENT OPENING SIZE	40-80	US STD SIEVE CW-02215
ULTRAVIOLET RADIATION STABILITY (%)	90	ASTM G-26

INSPECTION & MAINTENANCE PRACTICE

THESE ARE THE GENERAL INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO IMPLEMENT THE PLAN DURING CONSTRUCTION.

1. THE SMALLEST PRACTICAL PORTION OF THE SITE WILL BE DISTURBED AT ONE TIME.
2. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK.
3. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
4. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.

INSTALLATION NOTES

1. TEMPORARY SEEDING SHOULD BE MADE WITHIN 24 HOURS OF CONSTRUCTION OR DISTURBANCE. IF NOT, THE SOIL MUST BE SCARIFIED PRIOR TO SEEDING.

2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPliced TOGETHER ONLY AT SUPPORT POSTS, WITH A 6 INCH OVERLAP MINIMUM AND SHALL BE SECURED.

INSTALLATION NOTES:

1. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST ONE (1) INCH LONG, TIE WIRES, OR HOG BARS. THE WIRE SHALL NOT BE MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACES.

2. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED TO THE SUPPORT POSTS. THE WIRE MESH SUPPORT FABRIC SHALL BE EXTENDED INTO THE TRENCH. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.

3. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACINGS ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PREVISIONS APPLIED.

4. SUPPORT POSTS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

5. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AND DRIVEN SECURELY INTO THE GROUND.

INSPECTION & MAINTENANCE NOTES:

1. STRAW BAILE BARRIER AND SILT FENCE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST ONCE DAILY DURING THE CONSTRUCTION PERIOD.

2. THE OCCASIONAL SMALL HOLE SHALL BE REPAiRED BY PLACING ANOTHER PIECE OF CLOTH OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE CLOTH.

3. SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USEFUL LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.

4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE FILTER FABRIC IS REMOVED SHOULD BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED, AND SEEDED.

5. MAINT