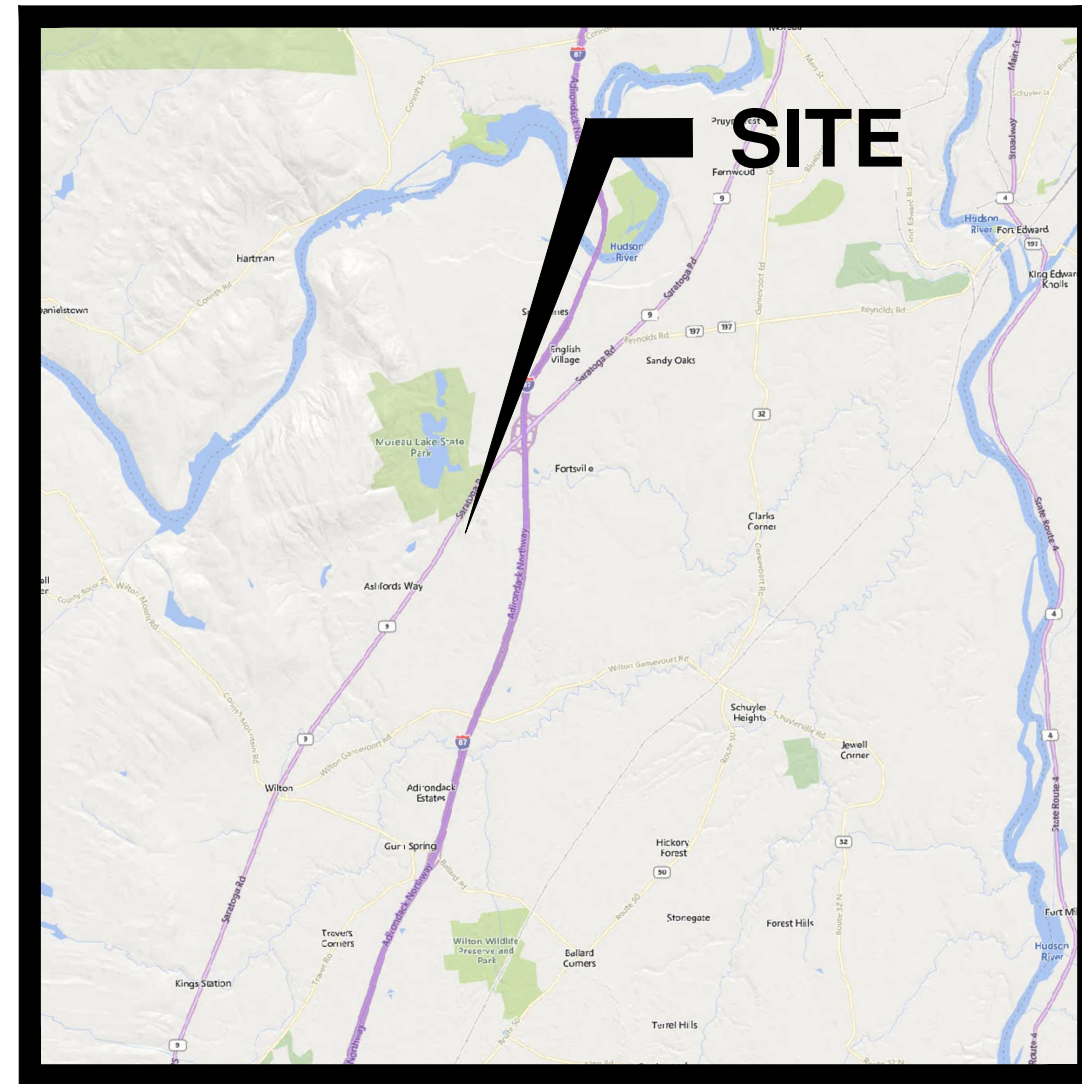


CASELLA - FORT EDWARD HAULING FACILITY SITE PLAN

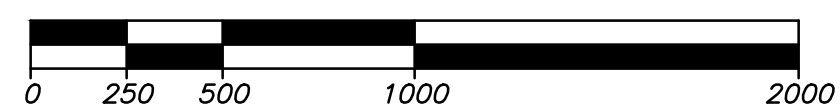
TOWN OF MOREAU * SARATOGA COUNTY * NEW YORK

GENERAL NOTES:

1. ENGINEERING DRAWINGS BASED ON A BOUNDARY AND TOPOGRAPHIC SURVEY ENTITLED "TOPOGRAPHIC SURVEY OF LANDS OF CASELLA WASTE MANAGEMENT" DATED SEPTEMBER 22, 2026 PREPARED BY LANSING ENGINEERING, PC.
2. ALL TRAFFIC SIGNAGE FOR THE PROPOSED DEVELOPMENT SHALL CONFORM TO THE CURRENT VERSIONS OF THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE NEW YORK STATE SUPPLEMENTAL.
3. ALL RIP-RAP STRUCTURES SHOWN SHALL BE CONSTRUCTED OF D STONE FILLING (UNLESS NOTED OTHERWISE).
4. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR URBAN EROSION AND SEDIMENT CONTROL AND IMPLEMENTED IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN.
5. ALL DISTURBED AREAS TO RECEIVE TOPSOIL, SEED, FERTILIZER AND MULCH TO ESTABLISH A PERMANENT STAND OF GRASS.
6. SIZE AND LOCATION OF UNDERGROUND UTILITIES ARE SUBJECT TO VERIFICATION BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
6. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY DG SAFELY N.Y. OR 811 FOR VERIFICATION OF THE LOCATION OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO THE START OF EXCAVATION.
7. ALL KNOWN UTILITIES THAT EXIST ON OR ADJACENT TO THE PROJECT SITE HAVE BEEN SHOWN ON THE PLANS.
10. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT AND PRESERVE EXISTING UTILITIES.
11. ALL UTILITIES DAMAGED OR DISTURBED BY THE WORK OF THIS CONTRACT SHALL BE REPLACED IN KIND BY THE CONTRACTOR.
12. CONTRACTOR SHALL OBTAIN THE REQUIRED PERMITS FOR WORK WITHIN PUBLIC RIGHTS-OF-WAY AS REQUIRED BY THE MUNICIPALITY AND ALL PERMITS REQUIRED FOR UTILITY WORK ON-SITE FROM THE TOWN.
13. CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR WORK ON-SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
14. THERE SHALL BE NO CHANGES ON THESE PLANS IN ADVANCE OF, OR CONSTRUCTION WITHOUT PRIOR APPROVAL OF THE DESIGN ENGINEER, THE OWNER AND THE MUNICIPALITY.
15. ALL CONSTRUCTION SHALL CONFORM TO GENERALLY ACCEPTED CONSTRUCTION STANDARDS OR A.O.E.B.
16. THE CONTRACTOR SHALL COMPLY WITH CONSTRUCTION INSPECTION REQUIREMENTS OF ALL AGENCIES, AND PHASE WORK ACCORDINGLY.
17. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO THE START OF CONSTRUCTION.
18. FIELD ADJUSTMENT MUST BE REVIEWED BY A REPRESENTATIVE OF LANSING ENGINEERING PRIOR TO INSTALLATION.
19. PROTECT NEWLY GRADED WORK AREAS FROM TRAFFIC AND EROSION, AND KEEP THEM FREE FROM TRASH AND DEBRIS UNTIL EROSION CONTROL COMPLETION OF WORK.
20. CONTRACTORS OPERATIONS ON SITE WHICH SHALL INCLUDE BUT NOT BE LIMITED TO DUST CONTROL, MATERIAL HAULING, EROSION CONTROL, ETC. SHALL BE CONDUCTED IN ACCORDANCE WITH TOWN OF MOREAU REGULATIONS.
21. LOCATE EXISTING UNDERGROUND UTILITIES IN AREAS OF WORK; IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING EARTHWORK OPERATIONS.
22. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE TOWN OF MOREAU REGULATIONS AND CONSTRUCTION STANDARDS.
23. THE CONTRACTOR SHALL COORDINATE MAINTENANCE AND PROTECTION OF TRAFFIC WITH THE TOWN OF MOREAU. ALL MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. ALL NECESSARY SIGNAGE SHALL BE IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
25. ALL UTILITY FRAMES SHALL BE SET AT THE BINDER COURSE ELEVATION AND RAISED TO THE TOP COURSE ELEVATION AT THE TIME OF TOP COURSE PLACEMENT.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY WORK EASEMENTS THAT MAY BE REQUIRED FOR EXCAVATION AND ASSOCIATED DISTURBANCE OUTSIDE OF THE RIGHT-OF-WAY ON ADJACENT PRIVATE LANDS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND COORDINATE ANY REQUIRED BRACING OR RELOCATION OF ANY UTILITY POLE OR STRUCTURE WITH THE APPROPRIATE UTILITY COMPANY.
28. ALL FILL TO ACHIEVE THE PROPOSED ELEVATIONS SHALL BE COMPACTED TO 95% PROCTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST AND VERIFICATION OF THE TESTING AND DOCUMENTATION OF THE TESTING AND THE COMPACTED OF THE FILL MATERIAL.
33. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT THE SURFACE OF ALL EXISTING ROADWAYS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURFACE RESTORATION AND REPAIR RESULTING FROM THE CONTRACTORS ACTIVITIES. TREE TRIMMING SHALL BE PERFORMED BY THE CONTRACTOR AS NECESSARY WITHIN THE RIGHT-OF-WAY FOR UTILITY EASEMENTS. ALL DISTURBED UTILITIES, DRIVEWAY CULVERTS, LAWNS, MALFORMED DRIVEWAYS, DITCHES ETC. SHALL BE RESTORED TO THEIR ORIGINAL OR BETTER CONDITION, LINES, GRADES AND POSITIONS.
34. THIS PROPERTY MAY BORDER A FARM, AS DEFINED BY TOWN LAW. VIOLATIONS SHOULD BE AWARE THAT FARMERS HAVE A RIGHT TO UNDERTAKE FARM PRACTICES WHICH MAY GENERATE DUST, ODOR, SMOKE, NOISE AND VIBRATION.
43. STREET OPENING PERMITS MUST BE OBTAINED FROM THE TOWN HIGHWAY DEPARTMENT PRIOR TO CONSTRUCTION.
44. PRIOR TO CONSTRUCTION: THE LOCATION OF ALL EXISTING UTILITY POLES, OVERHEAD UTILITIES AND UNDERGROUND UTILITIES ON THE SITE SHALL BE DETERMINED BY THE CONTRACTOR. ANY DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN ENGINEER. THE COORDINATION AND COSTS FOR THE LOCATION OF ANY UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND THE COSTS FOR THIS SHALL BE PROVIDED TO THE OWNER AND DESIGN ENGINEER FOR REVIEW.



SITE LOCATION MAP



SOIL APPRAISAL		DEEP HOLE OBSERVATIONS & PERCOLATION TESTING PERFORMED ON 9/23/2026 BY LANSGING ENGINEERING						
MOREAU CASELLA TRUCK SHOP		TRIAL 1	TRIAL 2	TRIAL 3	TRIAL 4	TRIAL 5	TRIAL 6	TRIAL 7
PT1 – PERCOLATION TEST NO. 1	0:49 MIN./IN.	0:53 MIN./IN.	0:58 MIN./IN.	0:59 MIN./IN.	1:02 MIN./IN.			
PT2 – PERCOLATION TEST NO. 2	0:43 MIN./IN.	0:48 MIN./IN.	0:54 MIN./IN.	0:58 MIN./IN.	0:59 MIN./IN.	0:59 MIN./IN.	1:02 MIN./IN.	
PT3 – PERCOLATION TEST NO. 3	0:46 MIN./IN.	0:51 MIN./IN.	0:57 MIN./IN.	1:03 MIN./IN.	1:07 MIN./IN.	1:10 MIN./IN.		
TP1 – TEST PIT NO. 1	0”-2” 2”-10.5’	TOPSOIL MEDIUM BROWN SAND		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP2 – TEST PIT NO. 2	0”-4” 4”-10.5’	TOPSOIL MEDIUM/COARSE GRAY SAND		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP3 – TEST PIT NO. 3	0”-12” 12”-11’	TOPSOIL MEDIUM/COARSE GRAY SAND		MOTTLING @ 132” NO GROUNDWATER OBSERVED				
TP4 – TEST PIT NO. 4	0”-12” 12”-4” 4”-11’	TOPSOIL MEDIUM ORANGE SAND MED/COARSE GRAY SAND		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP5 – TEST PIT NO. 5	0”-1.5’ 1.5”-7” 7”-10’	TOPSOIL MEDIUM GRAY SAND SILTY HARD PACKED TILL		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP6 – TEST PIT NO. 6	0”-12” 12”-5.75’ 5.75”-10’	LOAMY TOPSOIL MEDIUM GRAY SAND HARD PACKED FINE SAND/TILL		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP7 – TEST PIT NO. 7	0”-12” 12”-2.25’ 7.25”-10’	TOPSOIL MEDIUM GRAY SAND PACKED FINE SAND/TILL		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP8 – TEST PIT NO. 8	0”-6” 6”-8” 8”-8.5’	TOPSOIL FINE/MEDIUM GRAY SAND PACKED FINE SAND/TILL		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP9 – TEST PIT NO. 9	0”-12” 12”-7” 7”-11’	LOAMY TOPSOIL FINE/MEDIUM GRAY SAND PACKED FINE SILTY SAND		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
TP10 – TEST PIT NO. 10	0”-12” 12”-7.75’ 7.75”-10’	LOAMY TOPSOIL FINE/MEDIUM GRAY SAND FINE PACKED SILTY SAND		NO MOTTLING OBSERVED NO GROUNDWATER OBSERVED				
FH1 – FALLING HEAD TEST 1 4’ BELOW GRADE IN MEDIUM SAND	60 IN/HR							
FH2 – FALLING HEAD TEST 2 4.5’ BELOW GRADE IN TILL LAYER	5.75 IN/HR							
FH3 – FALLING HEAD TEST 3 4’ BELOW GRADE IN MEDIUM SAND	60 IN/HR							

ACCESSIBILITY NOTES:

GENERAL NOTES:

1. SPECIAL ATTENTION SHALL BE GIVEN TO COMPLIANCE WITH THE WITH THE FAIR HOUSING ACCESSIBILITY GUIDELINES, THE BUILDING CODE OF NEW YORK STATE, AND APPLICABLE LOCAL LAWS & REGULATIONS.
2. IT IS ESSENTIAL THAT CONTRACTORS ARE AWARE OF THE SITE ACCESSIBILITY REQUIREMENTS. LANSING ENGINEERING HAS DEVELOPED THESE NOTES AND DETAILS TO ASSURE THAT CONTRACTORS ARE AWARE OF THE REQUIREMENTS AT THE POINT IN TIME WHEN THEY ARE BIDDING THE PROJECT. IN ADDITION, LANSING ENGINEERING HAS MADE A POINT IN THESE NOTES TO ADVISE WELL IN ADVANCE OF THE BIDDING TO THE CONTRACTOR THAT COMPLIANCE WITH FAIR HOUSING ACCESSIBILITY GUIDELINES, THE BUILDING CODE OF NEW YORK STATE AND APPLICABLE LOCAL LAWS & REGULATIONS, IF THESE SLOPES / GRADES AND DIMENSIONS ARE NOT ACHIEVABLE, THE CONTRACTOR IS REQUIRED TO CONTACT THE OWNER IMMEDIATELY AND BEFORE MOVING FORWARD WITH THE WORK.
3. THE CONTRACTOR SHALL NOTIFY LANSING ENGINEERING IMMEDIATELY OF ANY CONFLICT BETWEEN THESE NOTES AND DETAILS AND OTHER PROJECT DRAWINGS, WHETHER BY LANSING ENGINEERING OR OTHERS. THE CONTRACTOR SHALL PROCEED WITH THE WORK FOR WHICH THE ALLEGED CONFLICT HAS BEEN DISCOVERED. THE CONTRACTOR SHALL NOTIFY LANSING IMMEDIATELY UNTIL SUCH ALLEGED CONFLICT HAS BEEN RESOLVED. NO CLAIM SHALL BE MADE BY THE CONTRACTOR FOR DELAY DAMAGES AS A RESULT OF RESOLUTION OF ANY SUCH CONFLICT(S).

ACCESSIBLE ROUTE NOTES:

1. AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES; PUBLIC STREETS OR SIDEWALKS; AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING OR FACILITY THEY SERVE.
2. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE.
3. WALKING SURFACES SHALL HAVE A MAXIMUM RUNNING SLOPE OF 5.0% AND A MAXIMUM CROSS SLOPE OF 2.0%.
4. ANY WALKING SURFACE WITH A RUNNING SLOPE GREATER THAN 5.0% IS A RAMP AND SHALL COMPLY WITH THE GUIDELINES FOR RAMPS OR CURB RAMPS.
5. TRANSITIONS BETWEEN RAMPS, WALKS, LANDINGS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT VERTICAL CHANGES (¾ INCH MAXIMUM VERTICAL CHANGE IN LEVEL).
6. FLOOR SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
7. THE MINIMUM CLEAR WIDTH OF EXTERIOR ROUTES SHALL BE THIRTY SIX (36) INCHES MINIMUM.
8. WHERE AN ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN OBJECT THAT IS LESS THAN FORTY-EIGHT (48) INCHES IN WIDTH, CLEAR WIDTH SHALL BE FORTY-TWO (42) INCHES MINIMUM APPROACHING THE TURN, FORTY-EIGHT (48) INCHES MINIMUM DURING THE TURN, AND FORTY-TWO (42) INCHES MINIMUM LEAVING THE TURN. THE CLEAR WIDTH APPROACHING AND LEAVING THE TURN SHALL BE THIRTY-SIX (36) INCHES MINIMUM AND THE TURN WIDTH OF THE TURN IS SIXTY (60) INCHES MINIMUM.
9. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN SIXTY (60) INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF TWO HUNDRED (200) FEET MAXIMUM. PASSING SPACES SHALL BE EITHER A SIX (6) FOOT INCH MINIMUM SIXTY (60) INCHES MINIMUM SPACE; OR AN INTERSECTION OF TWO (2) WALKING SURFACES THAT PROVIDE A COMPLIANT T-SHAPED TURNING SPACE, PROVIDED THE BASE AND ARMS OF THE T-SHAPED SPACE EXTEND FORTY-EIGHT (48) INCHES MINIMUM BEYOND THE INTERSECTION.
10. DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE FAIR HOUSING ACCESSIBILITY GUIDELINES, THE NEW YORK STATE BUILDING CODE, AND APPLICABLE LOCAL LAWS & REGULATIONS.
11. DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST ACCESSIBLE BUILDING ENTRANCE SHALL BE PROVIDED AT INACCESSIBLE BUILDING ENTRANCES.
12. WHERE POSSIBLE, DRAINAGE INLETS SHALL NOT BE LOCATED ON AN ACCESSIBLE ROUTE IN THE EVENT THAT A DRAINAGE INLET MUST BE LOCATED ON AN ACCESSIBLE ROUTE, THE GRATE SHALL COMPLY WITH THE FAIR HOUSING ACCESSIBILITY GUIDELINES, THE BUILDING CODE OF NEW YORK STATE, AND APPLICABLE LOCAL LAWS & REGULATIONS.

RAMP NOTES:

1. ANY PART OF AN ACCESSIBLE ROUTE WITH A RUNNING SLOPE GREATER THAN 5% SHALL BE CONSIDERED A RAMP.
2. THE MAXIMUM RUNNING SLOPE FOR A RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
3. THE CLEAR WIDTH OF AN EXTERIOR RAMP RUN SHALL BE FORTY EIGHT INCHES. WHERE HANDRAILS ARE PROVIDED ON THE RAMP RUN, THE CLEAR WIDTH SHALL BE MEASURED BETWEEN THE HANDRAILS.
4. THE RISE FOR ANY RAMP RUN SHALL BE THIRTY (30) INCHES MAXIMUM.
5. LANDINGS SHALL BE PROVIDED AT THE TOP AND BOTTOM OF RAMPS. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2.0% IN ANY DIRECTION. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. THE LANDING CLEAR LENGTH SHALL BE SIXTY (60) INCHES LONG MINIMUM. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING OF SIXTY (60) INCHES BY SIXTY (60) INCHES MINIMUM.
6. RAMP RUNS WITH A RISE GREATER THAN SIX (6) INCHES OR A HORIZONTAL PROJECTION GREATER THAN SEVENTY-TWO (72) INCHES SHALL HAVE HANDRAILS ON BOTH SIDES COMPLYING WITH FAIR HOUSING ACCESSIBILITY GUIDELINES, THE BUILDING CODE OF NEW YORK STATE, AND APPLICABLE LOCAL LAWS & REGULATIONS.
7. FLOOR SURFACES OF RAMPS AND LANDINGS SHALL BE STABLE, FIRM AND SLIP RESISTANT.
8. EDGE PROTECTION COMPLYING WITH FAIR HOUSING ACCESSIBILITY GUIDELINES, THE BUILDING CODE OF NEW YORK STATE, AND APPLICABLE LOCAL LAWS & REGULATIONS SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND ON EACH SIDE OF RAMP LANDINGS.
9. WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY THE BUILDING CODE OF NEW YORK STATE SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA, WHERE DOORS THAT ARE SUBJECT TO LOCKING ARE ADJACENT TO A RAMP LANDING, LANDINGS SHALL BE SIZED TO PROVIDE A COMPLIANT TURNING SPACE.

CURB RAMP NOTES:

1. THE MAXIMUM RUNNING SLOPE OF A CURB RAMP SHALL BE 8.33% AND THE MAXIMUM CROSS SLOPE SHALL BE 2.0%.
2. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 5%. THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMP TO WALKS, GUTTERS AND STREETS SHALL BE AT THE SAME LEVEL.
3. THE CLEAR WIDTH OF A CURB RAMP SHALL BE SIXTY (60) INCHES MINIMUM, EXCLUSIVE OF FLARED SIDES, IF PROVIDED.
4. LANDINGS SHALL BE PROVIDED AT THE TOP OF CURB RAMP. THE CLEAR LENGTH OF THE LANDING SHALL BE THIRTY-SIX (36) INCHES MINIMUM. THE CLEAR WIDTH OF THE LANDING SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING FLARED SIDES, LEADING TO THE LANDING. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 2% IN ANY DIRECTION.
5. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES.
6. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT EXCEED 10%.
7. CURB RAMP AND THE FLARED SIDES OF CURB RAMP'S SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES OR PARKING ACCESS AISLES. CURBS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
8. CURB RAMP SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES.
9. CURB RAMP SHALL HAVE A TWENTY-FOUR (24) INCH DEEP DETECTABLE WARNING COMPLYING WITH 406.12 A117.1-2003, EXTENDING THE FULL WIDTH OF THE RAMP. REFER TO DETECTABLE WARNING DETAILS AND NOTES FOR PLACEMENT, ORIENTATION AND NOTES.
10. FLOOR SURFACES OF CURB RAMP SHALL BE DEEP GROOVED, 1/4 INCH WIDE BY 1/4 INCH DEEP, ONE (1) INCH CENTERS TRANSVERSE TO THE RAMP.
11. WHERE PROVIDED, STOP LINES SHALL BE LOCATED IN ADVANCE OF CURB RAMP.
12. WHERE PROVIDED, PEDESTRIAN ACTIVATED SIGNALS SHALL BE LOCATED ADJACENT TO THE SIDEWALK AND NOT ON THE SIDEWALK.
13. WHERE PROVIDED, DRAINAGE INLETS SHALL BE LOCATED UPSTREAM OF CURB RAMP AND NOT IN THE RAMP AREA.
14. CURB RAMP TYPE AND LOCATION ARE PER PLAN.

PARKING SPACE NOTES:

1. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTES OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE BUILDING ENTRANCE.
2. ACCESSIBLE PARKING SPACES SHALL BE AT LEAST NINETY-SIX (96) INCHES WIDE. ACCESS AISLES SHALL BE 60 INCHES WIDE. ONE OF SIX ACCESSIBLE SPACES SHOULD PROVIDE A VAN ACCESSIBLE AISLE. THE AISLE SHOULD BE 96 INCHES WIDE (OR ACCESSIBLE SPACE IS 11 FEET AND ACCESS AISLE IS FIVE FEET). WHERE PARKING SPACES AND ACCESS AISLES ARE ADJACENT, THE AISLES SHALL BE MARKED WITH THE INTERNATIONAL LINE OF E MARKINGS. WHERE PARKING SPACES OR ACCESS AISLES ARE NOT ADJACENT TO ANOTHER PARKING SPACE OR ACCESS AISLE, MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE DEFINING THE PARKING SPACE OR ACCESS AISLE.
3. PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH PROVISIONS FOR ACCESSIBLE ROUTES. MARKED CROSSINGS SHALL BE PROVIDED WHERE THE ACCESSIBLE ROUTE MUST CROSS VEHICULAR TRAFFIC LANES. WHERE POSSIBLE, IT IS PREFERABLE THAT THE ACCESSIBLE ROUTE NOT PASS BEHIND PARKED VEHICLES.
4. TWO (2) ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESS AISLE.
5. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACE THEY SERVE.
6. ACCESS AISLES SHALL BE MARKED TO DISCOURAGE PARKING IN THEM.
7. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR ANGLED VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACE.
8. FLOOR SURFACES OF PARKING SPACES AND ACCESS AISLES SERVING THEM SHALL BE STABLE, FIRM AND SLIP RESISTANT. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED.
9. PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS.
10. PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE REQUIRED CLEAR WIDTH OF AN ACCESSIBLE ROUTE.
11. PARKING SPACES FOR VANS AND ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF NINETY-FOUR (94) INCHES MINIMUM. SIGNS SHALL BE PROVIDED AT ENTRANCES TO PARKING FACILITIES INFORMING DRIVERS OF CLEARANCES AND THE LOCATION OF VAN ACCESSIBLE PARKING SPACES.
12. EACH ACCESSIBLE PARKING SPACE SHALL BE PROVIDED WITH SIGNAGE DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL BE INSTALLED AT A MINIMUM CLEAR HEIGHT OF SIXTY (60) INCHES ABOVE GRADE AND SHALL NOT INTERFERE WITH AN ACCESSIBLE ROUTE FROM AN ACCESS AISLE. SIGNS LOCATED WHERE THEY MAY BE HIT BY VEHICLES BEING PARKED SHALL BE INSTALLED WITH ADDITIONAL PROTECTION.
13. ACCESSIBLE PARKING SPACE, ACCESS AISLE STRIPING, AND INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE PAINTED BLUE OR ANOTHER COLOR THAT CAN BE DISTINGUISHED FROM PAVEMENT.
14. WHERE PARKING IS PROVIDED WITHIN OR BENEATH A BUILDING, ACCESSIBLE PARKING SHALL ALSO BE PROVIDED WITHIN OR BENEATH THE BUILDING.

SHEET LIST TABLE		
SHEET NO.	SHEET DESIGNATION	SHEET TITLE
1	COV-1	COVER SHEET
2	EC&B	EXISTING CONDITIONS AND DEMO
3	UM-1	UTILITIES & MATERIALS PLAN
4	UG-1	UTILITIES & GRADING PLAN
5	LS-1	LANDSCAPING PLAN
6	LT-1	LIGHTING PLAN
7	ESQ-1	EROSION & SEDIMENT CONTROL PLAN
8	TRP-1	TRUCK TURNING PLAN
9	WWT-1	WASTEWATER TREATMENT LAYOUT PLAN
10	DT-1	EROSION & SEDIMENT CONTROL DETAILS
11	DT-2	STORM DETAILS
12	DT-3	MISCELLANEOUS DETAILS
13	DT-4	BSGN DETAILS

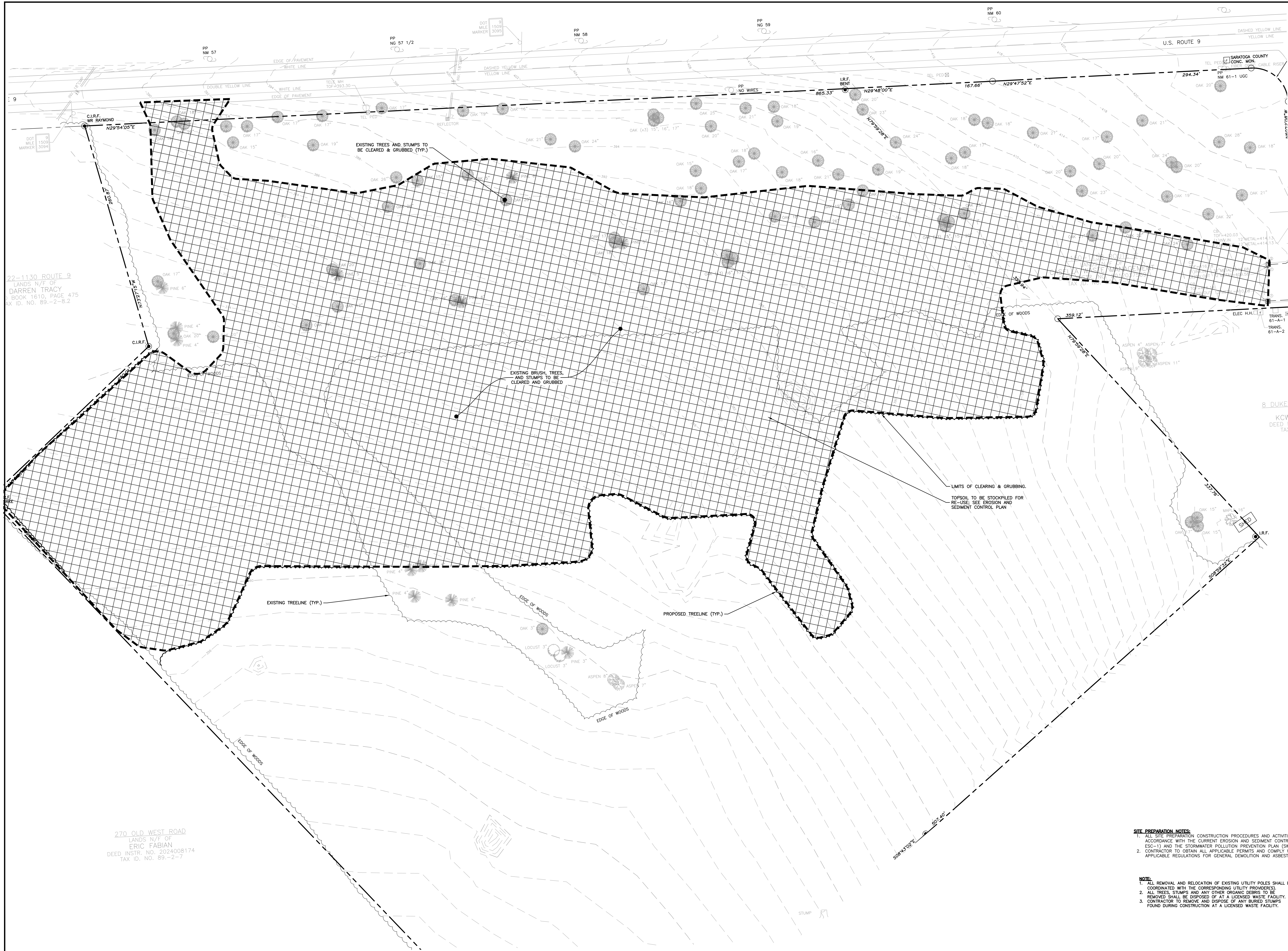
TOWN OF MOREAU PLANNING APPROVAL

APPLICANT:
CASELLA WASTE SYSTEMS, INC.
5 WALL STREET
CLIFTON PARK, NY 12065

COVER

PROJ. NO:1238.04 SCALE: AS SHOWN DATE: 10/01/26	COV-1 SHEET 1 OF 13
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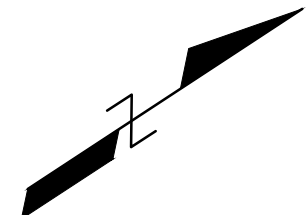
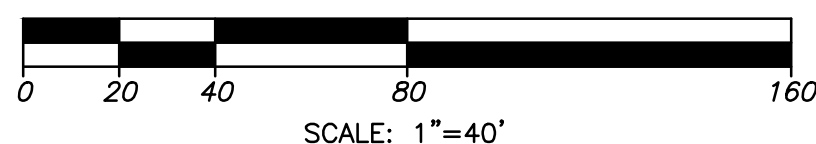
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22-1130 ROUTE 9
LANDS N/F OF
DARREN TRACY
BOOK 1610, PAGE 475
TAX ID. NO. 89-2-8.2

270 OLD WEST ROAD
LANDS N/F OF
ERIC FABIAN
DEED INSTR. NO. 2024008174
TAX ID. NO. 89-2-7

EXISTING CONDITIONS & DEMOLITION PLAN



- SITE PREPARATION NOTES:**
1. ALL SITE PREPARATION CONSTRUCTION PROCEDURES AND ACTIVITIES SHALL BE IN ACCORDANCE WITH THE CURRENT EROSION AND SEDIMENT CONTROL PLAN (SHEET ESC-11) AND THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
 2. CONTRACTOR TO OBTAIN ALL APPLICABLE PERMITS AND COMPLY WITH ALL APPLICABLE REGULATIONS FOR GENERAL DEMOLITION AND ASBESTOS REMOVAL.

- NOTE:**
1. ALL REMOVAL AND RELOCATION OF EXISTING UTILITY POLES SHALL BE COORDINATED WITH THE CORRESPONDING UTILITY PROVIDER(S).
 2. ALL TREES, STUMPS AND ANY OTHER ORGANIC DEBRIS TO BE REMOVED SHALL BE DISPOSED OF AT A LICENSED WASTE FACILITY.
 3. CONTRACTOR TO REMOVE AND DISPOSE OF ANY BURIED STUMPS FOUND DURING CONSTRUCTION AT A LICENSED WASTE FACILITY.

CASELLA - FORT EDWARD HAULING FACILITY SITE PLAN
1132-1148 ROUTE 9, TOWN OF MOREAU, SARATOGA COUNTY, NEW YORK

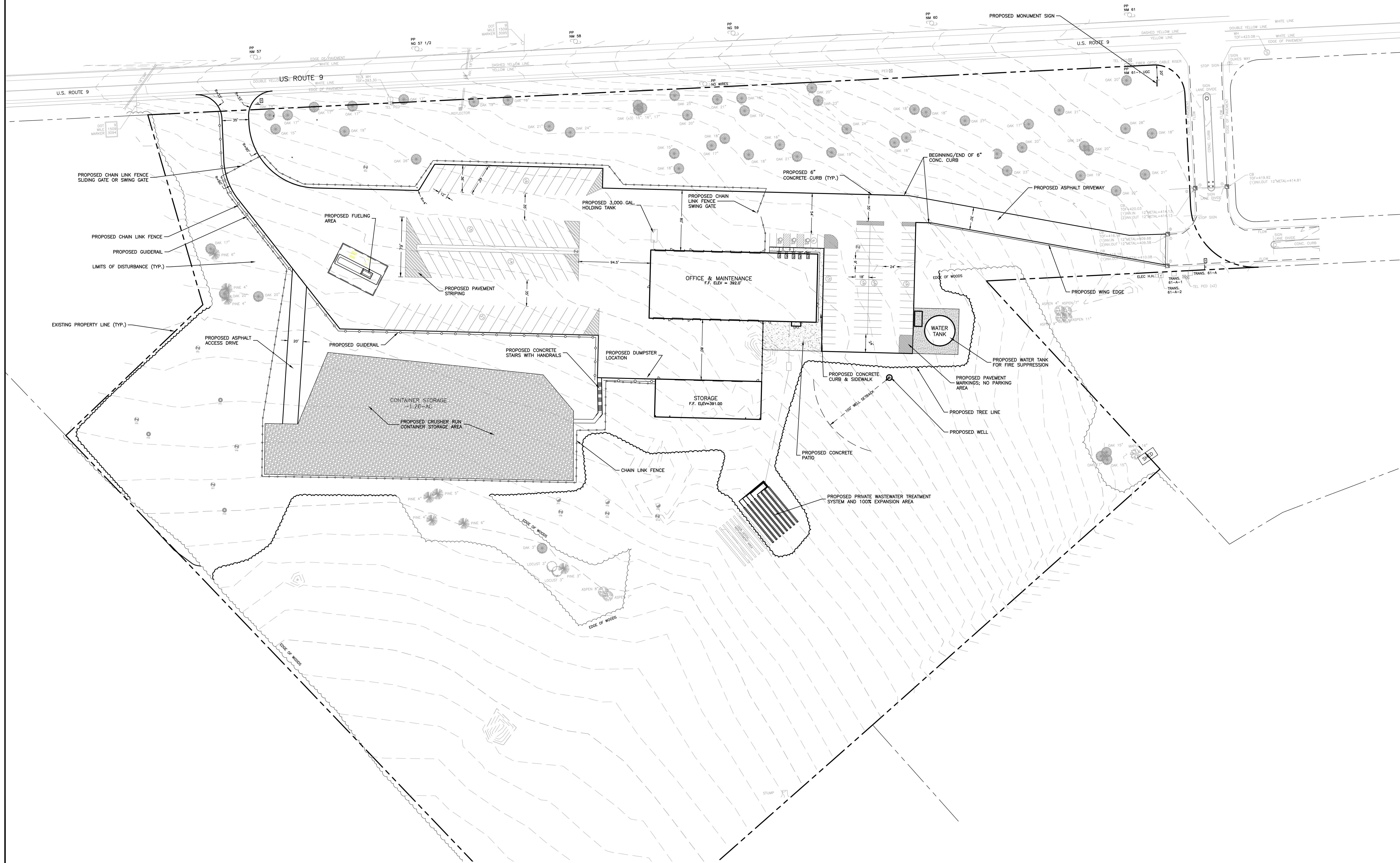
REVISION RECORD/DESCRIPTION
DATE
PRELIMINARY / NOT FOR CONSTRUCTION

LANSING
ENGINEERING
2450 WEST 10TH STREET
ANN ARBOR, MI 48106
(313) 963-8843

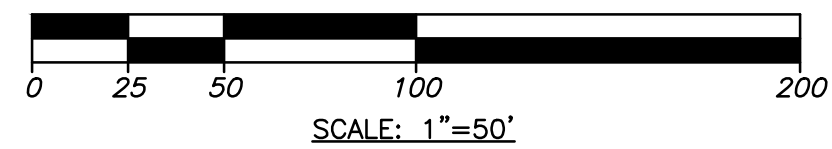
EXISTING
CONDITIONS &
DEMO PLAN

PROJ. NO: 1238.04
SCALE: AS SHOWN
DATE: 10/01/26
SHEET 2 OF 13

TRAFFIC CONTROL DEVICE SCHEDULE		
PLAN NO.	DESCRIPTION	QTY.
1	R1-1 "STOP" SIGN 30"X 30"	2
2	"VAN ACCESSIBLE" HANDICAP RESERVED PARKING SIGN	3
3	"NO PARKING" SIGN	2
4	"STORMWATER MANAGEMENT AREA"	2



LAYOUT & MATERIALS PLAN



CIVIL ENGINEERING
LANSING
ENGINEERING
P.C.
15181 BBSB2643
STATE OF NEW YORK
EXPIRATION DATE: 12/31/2025

DATE: 10/01/26
REVISIONS: RECORD/DESCRIPTION
UNAUTHORIZED
ADDITION TO THIS
DRAWING IS
PROHIBITED
LANSING ENGINEERING, P.C.

PRELIMINARY / NOT FOR CONSTRUCTION

CIVIL ENGINEERING
LANSING
ENGINEERING
P.C.
15181 BBSB2643
STATE OF NEW YORK
EXPIRATION DATE: 12/31/2025

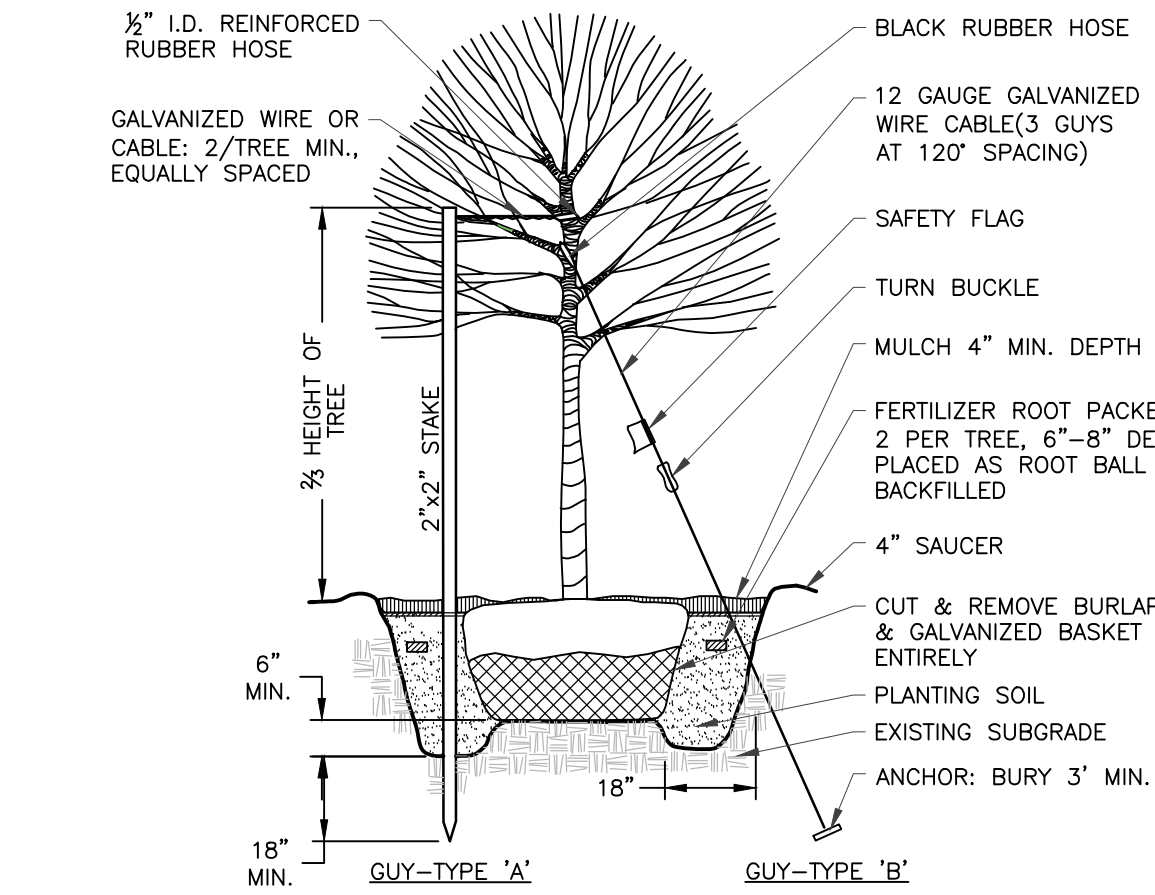
CASELLA - FORT EDWARD HAULING FACILITY SITE PLAN
1132-1148 ROUTE 9, TOWN OF MOREAU, SARATOGA COUNTY, NEW YORK

LAYOUT &
MATERIALS PLAN

PROJ. NO: 1238.04
SCALE: AS SHOWN
DATE: 10/01/26
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1. ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMAL GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. PROVIDE QUALITY, SIZE, GROWTH, VARIETY OF TREES AND SHRUBS INDICATED, AND ROOT BALL SIZE COMPLYING WITH APPLICABLE REQUIREMENTS OF ANSI Z60.1 AMERICAN STANDARD FOR NURSERY STOCK. ALL PLANTS SHALL BE NURSERY GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT.
2. PLANT SIZES: MEASURE TREES AND SHRUBS ACCORDING TO ANSI Z60.1 WITH BRANCHES AND TRUNKS OR CANES IN THEIR NORMAL POSITION. TAKE CALIPER MEASUREMENTS 6 INCHES ABOVE GROUND FOR TREES UP TO 4-INCH CALIPER SIZE. MEASURE MAIN BODY OF TREE OR SHRUB FOR HEIGHT AND SPREAD; DO NOT MEASURE BRANCHES OR ROOTS 10'-10'-10'.
3. ALL CONTAINER GROWN PLANTS SHALL BE SIZED ACCORDING TO ANSI Z60.1 FOR TYPE AND SIZE OF PLANT REQUIRED. PLANTS SHALL BE PREMIUM QUALITY, APPEAR 'FULL', OR 'HEAVY' WITHIN THEIR CONTAINER, AND BE REPRESENTATIVE OF THE CONTAINER SIZE SPECIFIED. PLANTS DEEMED TO BE SUBSTANDARD IN SIZE BY THE LANDSCAPE ARCHITECT WILL BE REJECTED.
4. ALL NEW PLANTS TO BE DULLED AND OVERLAPPED OR CONTAINER GROWN UNLESS OTHERWISE NOTED ON THE PLANT SCHEDULE.
5. TREES SHOULD BE FREELY DUG DURING THE SEASON OF PLANTING, MARCH 1ST TO MAY 1ST FOR SPRING PLANTING AND OCTOBER 15TH TO DECEMBER 15TH FOR FALL PLANTING. PLANTS KNOWN AS FALL DIG HAZARDS SHALL BE DUG IN THE SPRING ONLY.
6. THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
7. IN GENERAL, PLANT SPECIES SUBSTITUTIONS WILL NOT BE ACCEPTED. IF SPECIFIED MATERIAL IS NOT OBTAINABLE, CONTRACTOR SHALL SUBMIT PROOF OF NON-AVAILABILITY TO THE LANDSCAPE ARCHITECT ALONG WITH PROPOSED SUBSTITUTION. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, SIZE, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
8. THE LANDSCAPE ARCHITECT RETAINS THE RIGHT TO INSPECT TREES AND SHRUBS FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEMS, INSECTS, INJURIES AND LATENT DEFECTS, AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING PROGRESS OF WORK. CONTRACTOR SHALL REMOVE REJECTED TREES OR SHRUBS IMMEDIATELY FROM PROJECT SITE.
9. CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE LANDSCAPE ARCHITECT.
10. THE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL PROPOSED PLANT MATERIAL AND PLANT BEDS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
11. INSTALLED PLANTS SHALL BEAR THE SAME RELATIONSHIP TO PROPOSED GRADE AS THEY BORE TO PREVIOUS GRADE. NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING.
12. CONTRACTOR SHALL PROVIDE LONG LASTING, SLOW RELEASE STARTER FERTILIZER IN EACH PLANTING PIT FOR TREES, SHRUBS AND PERENNIALS.
13. ALL PLANT BEDS SHALL RECEIVE THREE INCHES (3") OF SHREDDED BARK MULCH. MULCH SHALL BE FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS, CONSISTING OF DOUBLE HAMMERED SHREDDED BARK MULCH COMPRISED OF EITHER HARDWOOD OR SOFTWOOD SHREDDED BARK. SHREDDED BARK MULCH SHALL NOT EXCEED 3" IN GREATEST DIMENSION, AND SHALL BE DARK BROWN IN COLOR.
14. PLANTS SHALL BE DELIVERED ONLY AS THEY CAN BE INSTALLED IN REASONABLE TIME. ALL PLANTS ARE SUBJECT TO INSPECTION AT DELIVERY BY THE LANDSCAPE ARCHITECT / OWNER'S REPRESENTATIVE.
15. IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE PLANT LIST, THE PLANTING PLAN SHALL GOVERN.
16. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE FOR A MINIMUM 30-DAY MONITORING PERIOD AFTER NOTIFICATION OF SUBSTANTIAL COMPLETION AND UNTIL FINAL ACCEPTANCE, WHICHEVER IS GREATER. MAINTENANCE INCLUDES PRUNING, WEEDING, WATERING, FERTILIZATION, AND RE-SEEDING AS NECESSARY.
17. PROTECT PLANTS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS AND OPERATIONS OF OTHER CONTRACTORS AND TRADES. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR, OR REPLACE DAMAGED PLANTINGS.
18. UPON COMPLETION OF ALL PLANTING WORK, THE CONTRACTOR SHALL REQUEST IN WRITING THAT THE LANDSCAPE ARCHITECT FORMALLY INSPECT THE PLANTING WORK. IF PLANT MATERIALS AND WORKMANSHIP ARE ACCEPTABLE, THE LANDSCAPE ARCHITECT WILL ISSUE A WRITTEN CERTIFICATE OF SUBSTANTIAL COMPLETION.
19. FOLLOWING THE ISSUANCE OF THE CERTIFICATE OF SUBSTANTIAL COMPLETION TO THE CONTRACTOR, THE CONTRACTOR SHALL MAINTAIN THE PLANTS FOR THE MAINTENANCE PERIOD SPECIFIED IN THIS SECTION.
20. ACCEPTANCE STANDARDS AT END OF THE MAINTENANCE PERIOD:
- 20.1. PLANTS SHALL BE FREE OF FROST CRACKS, SUN SCALD, DAMAGE DUE TO INSECTS, PESTS, AND DISEASE, STRUCTURAL DEFECTS; AND DAMAGE RESULTING FROM MACHINERY OR TOOLS. ALL PLANTS REGARDLESS OF THE SEASON OF REVIEW SHALL HAVE A MINIMUM OF 70 PERCENT HEALTHY, BALANCED BRANCHING STRUCTURE WITH A HEALTHY TERMINAL LEADER(S) WITH VISIBLE TERMINAL BUD(S). TREES SHALL BE PLUMB AND SHOW NO SIGNS OF UNIFORM SETTLING OR LEANING.
- 20.2. LAWN AREAS SHALL HAVE A HEALTHY, UNIFORM STAND OF GRASS FREE OF WEEDS, SURFACE IRREGULARITIES, WITH COVERAGE EXCEEDING 90% OVER ANY 10 SQ. FT. AND BARE SPOTS NOT EXCEEDING 5"X5"
21. GUARANTEE: CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL TO REMAIN ALIVE AND BE IN A HEALTHY, VIGOROUS CONDITION FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF PLANTING WORK, AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY WORK.
22. CONTRACTOR SHALL REPLACE ALL PLANTS THAT ARE MORE THAN 25% DEAD OR, AS DETERMINED BY THE LANDSCAPE ARCHITECT, ARE IN AN UNHEALTHY OR UNSUITABLE CONDITION. CONTRACTOR SHALL BEAR THE COST OF COMPLETE REPLACEMENTS. REPLACEMENTS SHALL BE OF THE SAME SIZE AND SPECIES AS SPECIFIED ON THE PLANTING LIST.
23. GRASS SEED: FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH AGA'S "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES. PROVIDE SEED MIXTURE COMPOSED OF SPECIES, PROPORTIONS AND MINIMUM PERCENTAGES OF PURITY, GERMINATION, AND MAXIMUM PERCENTAGE OF WEED SEED, AS FOLLOWS:
- | COMMON NAME | PROPORTION BY WEIGHT | GERMINATION MINIMUM | PURITY MINIMUM |
|---|----------------------|---------------------|----------------|
| OREOPHYTE RED FESCUE OR CHEWINGS FESCUE | 50% | 85% | 90% |
| KENTUCKY BLUEGRASS | 25% | 85% | 90% |
| PERENNIAL RYE | 25% | 90% | 90% |
24. NATIVE WILDFLOWER & GRASS SEED: FRESH, CLEAN, DRY, NEW-CROP SEED COMPLYING WITH AGA'S "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCES. PROVIDE SEED MIXTURE COMPOSED OF SPECIES, PROPORTIONS AND MINIMUM PERCENTAGES OF PURITY, GERMINATION, AND MAXIMUM PERCENTAGE OF WEED SEED, AS FOLLOWS:
- BASIS OF DESIGN: ERNST SEEDS - MESIC TO DRY NATIVE POLLINATOR MIX (ERNM-105)
- SEEDING RATE: 20LBS/AC WITH 30 LBS/AC COVER CROP
- COVER CROP: EITHER GRASS ONLY (JANUARY 1 TO JULY 31)
OR GRASS RYE (AUGUST 1 TO DECEMBER 31)

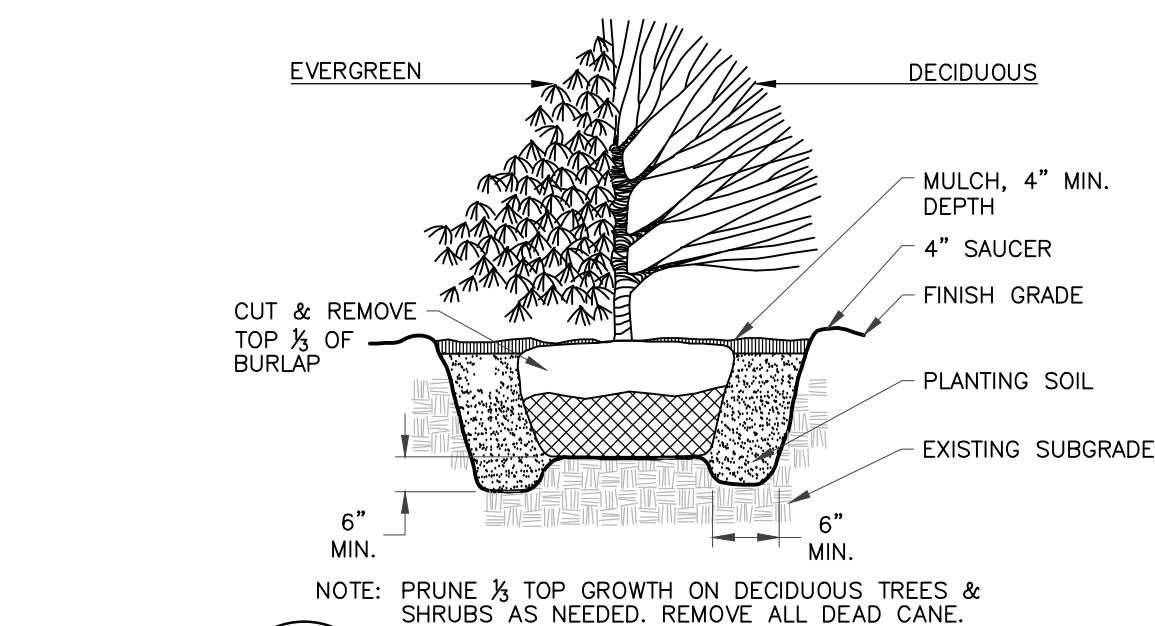
- MIX COMPOSITION:
- 29.1% Schizanthus scapularis (Little Bluestem 'Prairie View')
 - 20.0% Sorghastrum nutans (Indiangrass)
 - 15.0% Elymus virginicus (Virginian Wildrye)
 - 8.0% Echinochloa purpurea (Purple Coneflower)
 - 5.0% Panicum clandestinum (Deertongue)
 - 3.0% Chamaecrista fasciculata (Partridge Pea)
 - 3.0% Coreopsis lanceolata (Lanceleaf Coreopsis)
 - 3.0% Rudbeckia hirta (Black-eyed Susan)
 - 3.0% Verbena hastata (Blue Vervain)
 - 2.0% Helianthus annuus (Oxeye Sunflower)
 - 1.5% Asclepias incarnata (Swamp Milkweed)
 - 1.0% Aster novae-angliae (New England Aster)
 - 1.0% Pycnanthemum tenuifolium (Narrowleaf Mountainmint)
 - 1.0% Senecio jacobaea (Wild Sennel)
 - 0.8% Tradescantia virginiana (Ohio Spiderwort)
 - 0.6% Eupatorium perfoliatum (Boneset)
 - 0.5% Zizia aurea (Golden Alexander)
 - 0.5% Baptisia australis (Blue False Indigo)
 - 0.5% Monarda fistulosa (Wild Bergamot)
 - 0.5% Solidago nemoralis (Gray Goldenrod)
 - 0.3% Asclepias syriaca (Common Milkweed)
 - 0.3% Penstemon digitalis (Tall White Beardtongue)
 - 0.2% Solidago rugosa (Wrinkleleaf Goldenrod)
 - 0.1% Aster umbellatus (Flat Topped White Aster)



- NOTE:
- GUY TYPE "A" IS FOR TREES LESS THAN 3" CALIPER
 - GUY TYPE "B" IS FOR TREES 3" CALIPER OR GREATER

DECIDUOUS TREE PLANTING

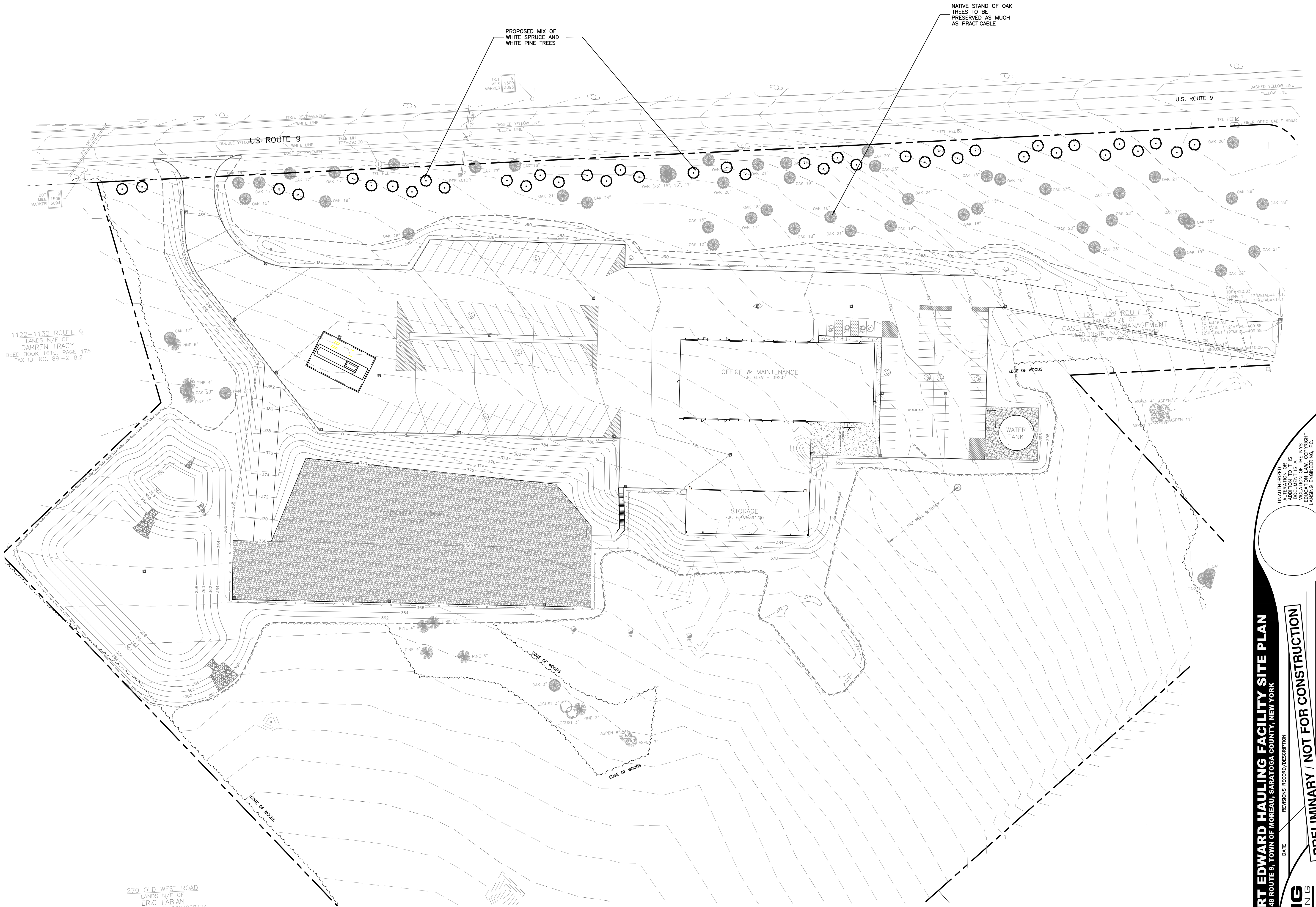
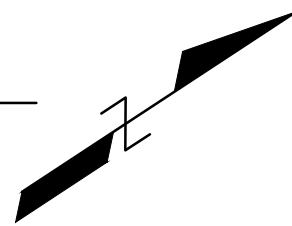
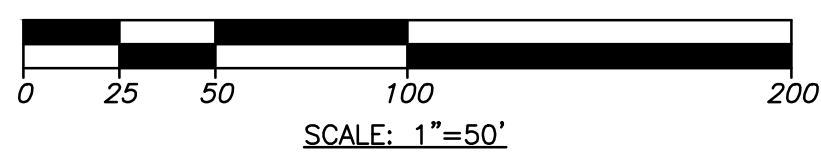
SCALE: NTS



SHRUB PLANTING DETAIL

SCALE: NTS

LANDSCAPING PLAN



UNAUTHORIZED TO THIS ADDITION TO THE VIOLATION OF THE ENVIRONMENTAL ENGINEERING, P.C.

CASELLA - FORT EDWARD HAULING FACILITY SITE PLAN
1132-1148 ROUTE 9, TOWN OF MOREAU, SARATOGA COUNTY, NEW YORK

PRELIMINARY / NOT FOR CONSTRUCTION

LANSING ENGINEERING
2000 N. 10TH STREET, SUITE 301
MILWAUKEE, WI 53212
(414) 333-8843

LANDSCAPING PLAN

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ADDITIONAL EROSION CONTROL MEASURES:

1. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ANY CUT MATERIAL.
2. SOILS CONTAMINATED DURING CONSTRUCTION MUST BE REMOVED AND DISPOSED OF AT A LICENSED WASTE FACILITY.
3. EXPOSED SOILS TO BE STABILIZED WITHIN 3 DAYS DURING THE WINTER MONTHS (NOVEMBER 15 - APRIL1).
4. EROSION CONTROL MEASURES DURING THE WINTER MONTHS SHALL ALSO INCLUDE AN ENLARGED ENTRANCE, PERIMETER BUFFER OF 25 FEET, TALL MARKER STAKES ON SILT FENCE, CLEAR PATHS TO DRAINAGE STRUCTURES, STABILIZED SOIL STOCKPILES TWICE THE TYPICAL MULCHING RATE, SNOW STORAGE DURING CONSTRUCTION SHALL BE CONSISTENT WITH THE SNOW STORAGE AREAS OUTLINED ON SHEET LM-1.
5. RIP RAP WEIGHT RANGE SHALL BE 20 TO 35 POUNDS WITH 75% OF ITS MATERIAL IN THE 25 TO 35 POUND RANGE.
6. MULCH SHALL BE A WOOD FIBER HYDRO MULCH OR SPRAYABLE PRODUCT. MULCHING BLANKETS MUST BE USED ON STEEP SLOPES AND DRAINAGE SWALES. MULCHING BLANKETS MUST BE "OURLEX ENFORCER" BY AMERICAN EXCELSDOR COMPANY OR "GEOWEB SLOPE PROTECTION SYSTEM" BY PRESTO GEOSYSTEMS.
7. ALL TOPSOIL MUST COMPLY WITH THE BLUE BOOK. TOPSOIL PH MUST BE BETWEEN 5.5 AND 7.5. TOPSOIL ORGANICS CONTENT MUST BE BETWEEN 2% AND 20%. TOPSOIL GRADATION MUST COMPLY WITH THE FOLLOWING:
100% PASSING 1 1/2" IN SIEVE
85-100% PASSING 1" IN SIEVE
65-100% PASSING 3/4" IN SIEVE
20-100% PASSING NO. 200 SIEVE
8. TOTAL LIVE SEED MUST BE 80 POUNDS PER ACRE. TOTAL WEED CONTENT SHALL NOT EXCEED 2%. ALL SEED MIXTURES MUST COMPLY WITH THE TOWN OF COLONE HIGHWAY AND DRAINAGE STANDARDS, TABLE 11-2.

RECOMMENDED SOIL EROSION AND SEDIMENT CONTROL MEASURES

MEASURES SHOWN ARE TO DEFINE INTENT. ACTUAL MEASURES WILL BE IMPLEMENTED AS SITE CONDITIONS WARRANT BY THE CONTRACTOR. CONTRACTOR SHALL PROVIDE ALL NEEDED CONTROL MEASURES TO PREVENT SOIL EROSION.

GENERAL MEASURES:

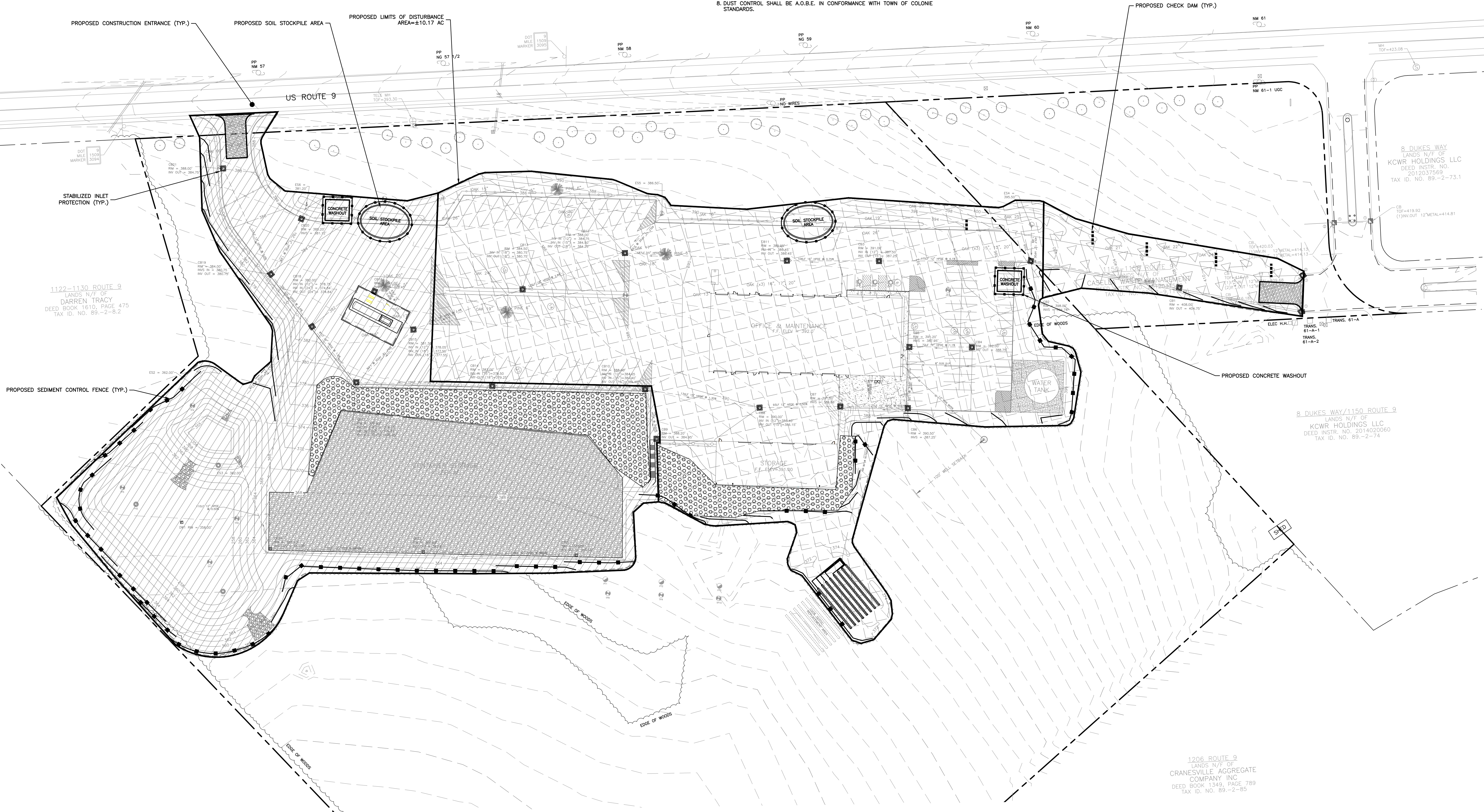
1. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE.
 2. INsofar AS PRACTICABLE, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
 3. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE AREA AND DURATION OF SOIL DISRUPTION.
 4. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED.
- PARTICULAR MEASURES:**
1. IMMEDIATELY FOLLOWING COMPLETION OF ANY AND ALL OF THE PROPOSED STORM DRAIN INLETS, STORM DRAIN INLET PROTECTION SHALL BE CONSTRUCTED.
 2. DRAINAGE DITCH SEDIMENT FILTERS: UNTIL SUCH TIME AS FINAL SITE STABILIZATION IS COMPLETED, DITCHES SHALL RECEIVE TREATMENT WITH STONE CHECK DAMS SO AS TO EFFECTIVELY TRAP SEDIMENT AND MINIMIZE ITS RELEASE OFF-SITE. STONE CHECK DAMS SHALL BE CONSTRUCTED WITHIN EACH DITCH BEGINNING AT ITS DOWNSTREAM TERMINUS AND SHOULD NOT BE PLACED AT INTERVALS EXCEEDING 20 FEET.
 3. TOPSOIL AND FILL THAT IS TO REMAIN STOCKPILED ON-SITE FOR PERIODS GREATER THAN 14-DAYS SHALL BE STABILIZED BY SEEDING AND MULCHING. PROVIDE SILT FENCE EROSION CONTROL DOWNGRADIENT OF SOIL STOCKPILE AREA.
 4. IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM, OR OTHER SURFACE WATER BODY.
 5. PERMANENT VEGETATIVE COVER: IMMEDIATELY FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
 6. ALL HEALTHY TREES OF DESIRABLE SPECIES ARE TO BE PROTECTED FROM DAMAGE. ALL UNNECESSARY REMOVAL OF HEALTHY TREES SHALL BE AVOIDED EXCEPT WHERE NOTED ON SHEETS EC-1 & EC-2.
 7. THE CONTRACTOR IS TO ADHERE TO ALL REQUIREMENTS SET FORTH IN THE SWPPP.
 8. DUST CONTROL SHALL BE A.O.B.E. IN CONFORMANCE WITH TOWN OF COLONE STANDARDS.

CONSTRUCTION PHASING TABLE	
PHASE NUMBER	
PHASE 1	PHASE 1 = 4.78 ACRES
PHASE 2	PHASE 2 = 4.92 ACRES
PHASE 3	PHASE 3 = 0.47 ACRES

TABLE 5.3 SOIL RESTORATION REQUIREMENTS*

TYPE OF SOIL DISTURBANCE	SOIL RESTORATION REQUIREMENT	COMMENTS/ EXAMPLES
NO SOIL DISTURBANCE	RESTORATION NOT PERMITTED	PRESERVATION OF NATURAL FEATURES
MINIMAL SOIL DISTURBANCE	RESTORATION NOT PERMITTED	CLEARING AND GRUBBING
AREAS WHERE TOPSOIL IS STRIPPED ONLY - NO CHANGE IN GRADE	HSG C&D AERATE** AND APPLY 6" OF TOPSOIL	PROTECT AREA FROM ANY ONGOING CONSTRUCTION ACTIVITIES
AREAS OF CUT OR FILL	HSG C&D APPLY FULL SOIL RESTORATION***	
HEAVY TRAFFIC AREAS ON SITE (ESPECIALLY IN A ZONE 5-25 FEET AROUND BUILDINGS BUT NOT WITHIN A 5' PERIMETER AROUND FOUNDATION WALLS)	APPLY FULL SOIL RESTORATION (DE-COMPACTION AND COMPOST ENHANCEMENT)	
AREAS WHERE RUNOFF REDUCTION AND/OR INFILTRATION PRACTICES ARE APPLIED	RESTORATION NOT REQUIRED, BUT MAY BE APPLIED TO ENHANCE THE REDUCTION SPECIFIED FOR APPROPRIATE PRACTICES	KEEP CONSTRUCTION EQUIPMENT FROM CROSSING THESE AREAS TO PROTECT NEWLY INSTALLED PRACTICE FROM ANY ONGOING CONSTRUCTION ACTIVITIES. CONSTRUCT A SINGLE PHASE OPERATION FENCE AREA
REDEVELOPMENT PROJECTS	SOIL RESTORATION IS REQUIRED ON REDEVELOPMENT PROJECTS IN AREAS WHERE EXISTING IMPERVIOUS AREA WILL BE CONVERTED TO PERVIOUS AREA	

NOTE: THE PROPOSED PROJECT IS SITUATED ON TYPE D SOILS WITH A HISTORY OF DEVELOPMENT AND COMPACTION. IT IS A SITE REQUIREMENT THAT FULL SOIL RESTORATION WITH DECOMPACTION AND COMPOST ENHANCEMENT IS CARRIED OUT FOR THIS PROJECT IN ACCORDANCE WITH THE DEEP RIPPER AND DE-COMPACTION, DEC 2008 FOUND IN APPENDIX K OF THE PROJECT SWPPP.



EROSION & SEDIMENT CONTROL PLAN



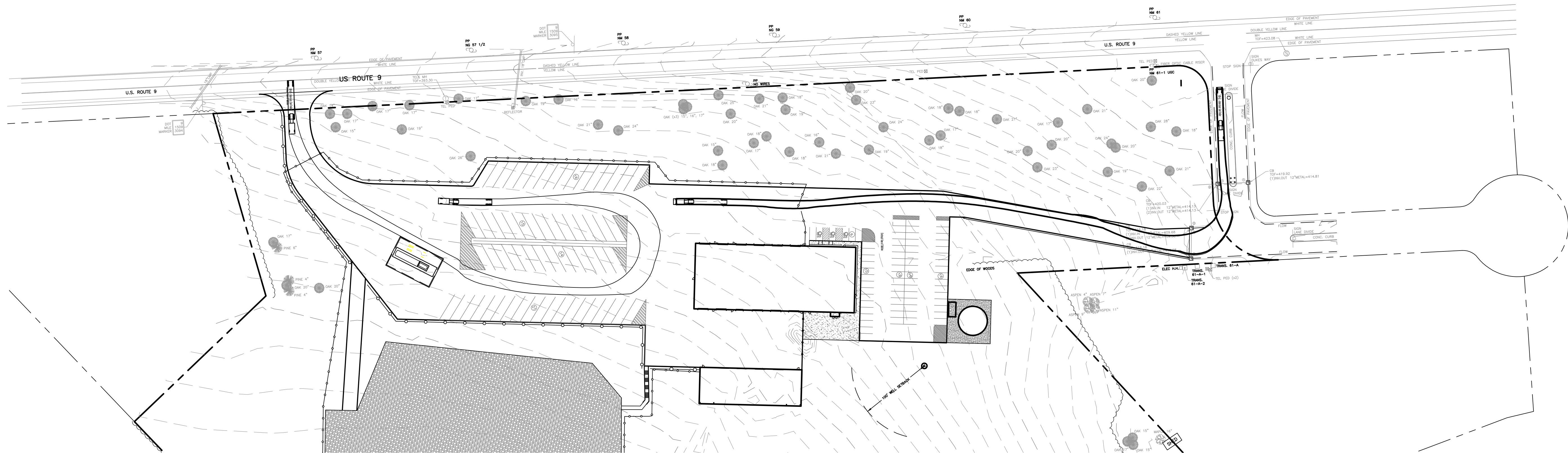
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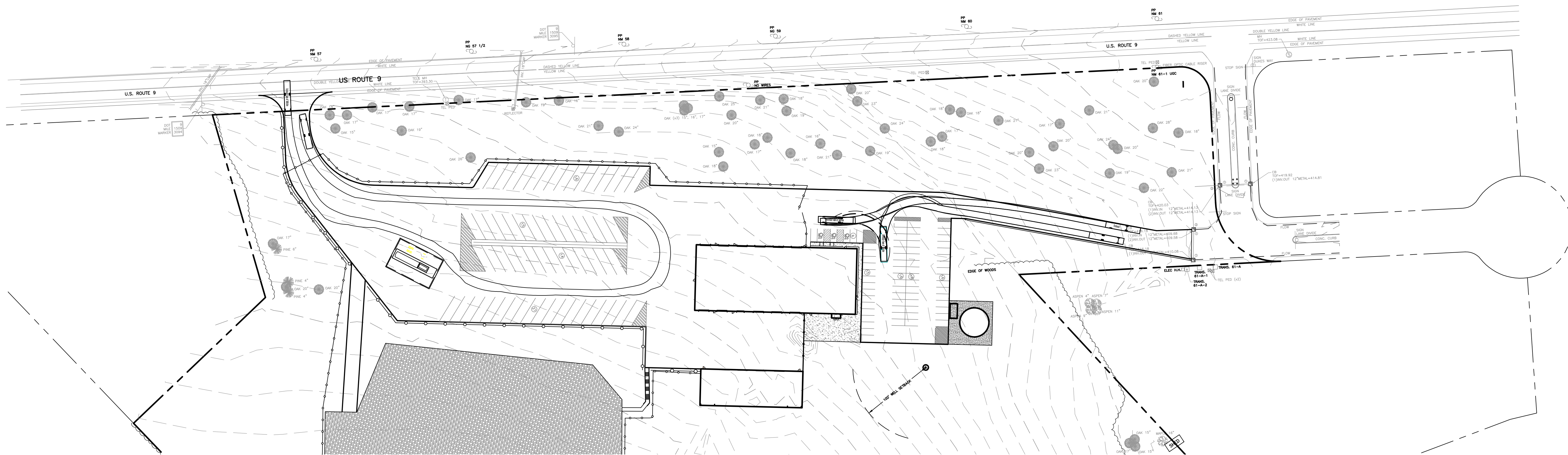
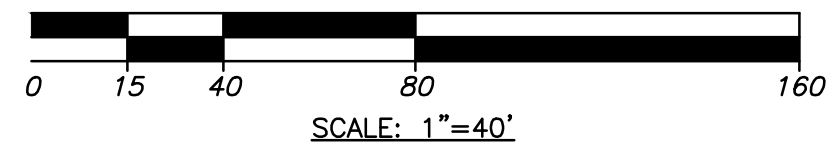
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EROSION & SEDIMENT CONTROL PLAN

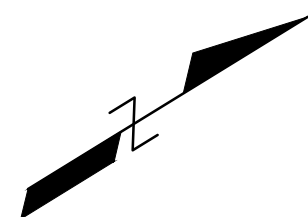
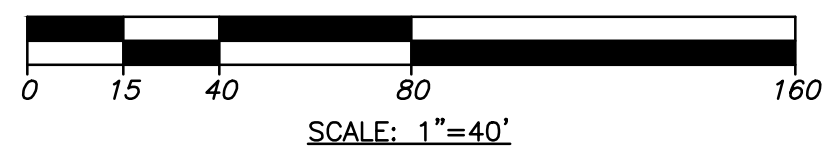
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WB-67 TRUCK TURNING PLAN



FIRE TRUCK TURNING PLAN



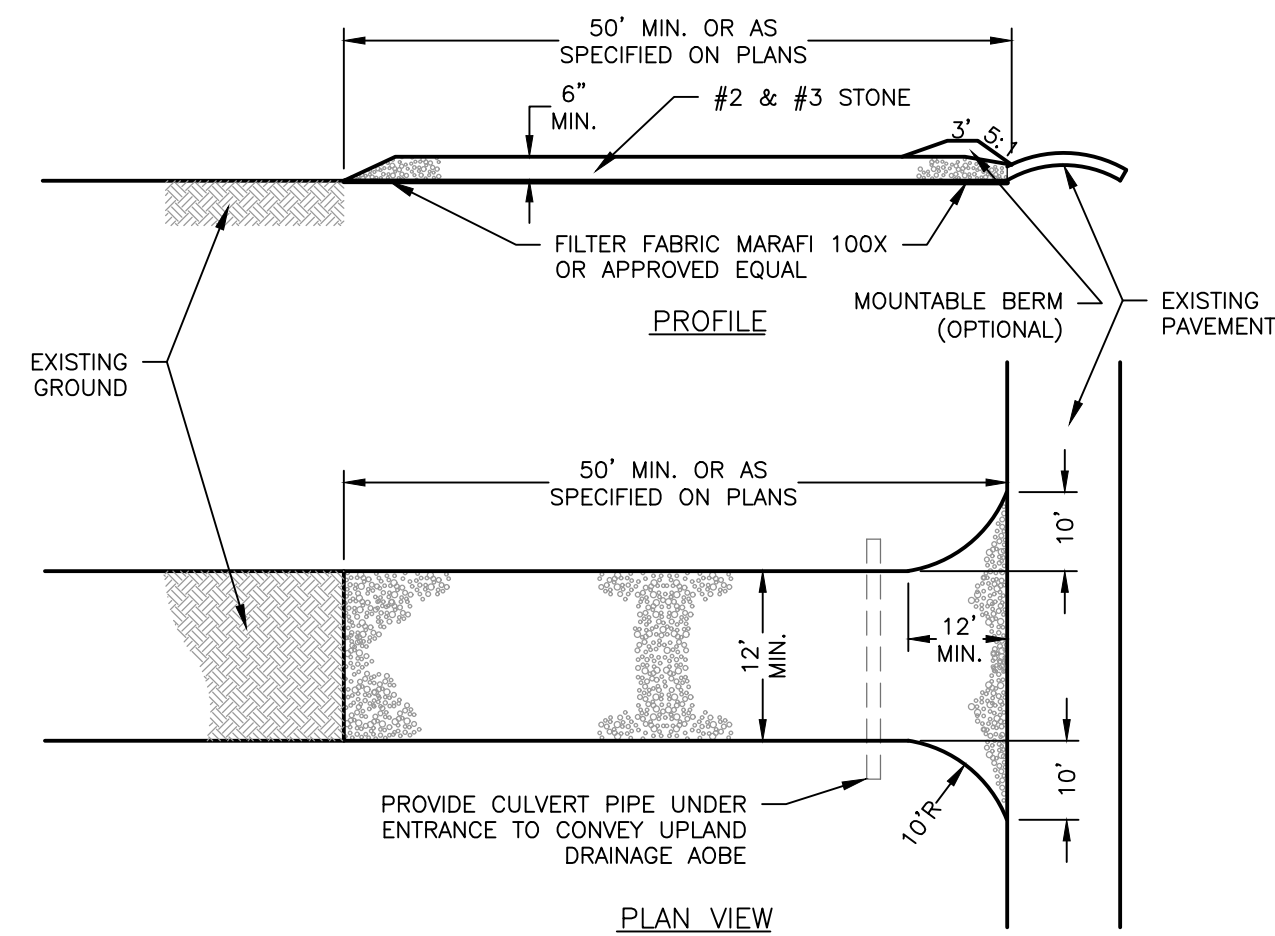
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1132-1148 ROUTE 9, TOWN OF MOREAU, SARATOGA COUNTY, NEW YORK

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LANSING
ENGINEERING
2455 JAVAS ROAD SUITE 301
MALDEN, MA 02148
(617) 899-8849

TRUCK TURNING PLAN

PROJ. NO: 1238.04
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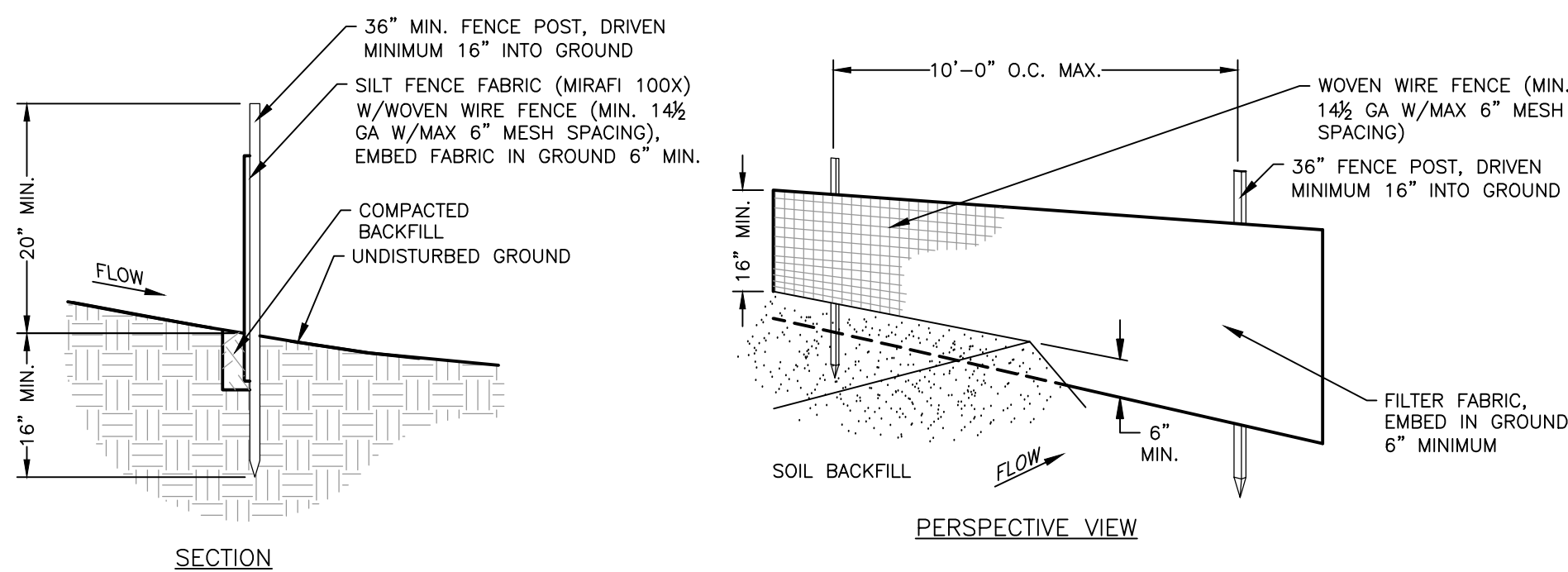
CONTRACTOR SHALL REMOVE MATERIALS AND RESTORE ENTRANCE AREA, ESTABLISHING VEGETATIVE COVER.

NOTE:

- STONE SIZE - USE MIXTURE OF #2 & #3 STONE (1-4 INCHES), OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - NOT LESS THAN FIFTY (50) FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A THIRTY (30) FOOT MINIMUM LENGTH WOULD APPLY).
- 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.
- GEOTEXTILE - 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 TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

SCALE: NTS



CONSTRUCTION SPECIFICATIONS

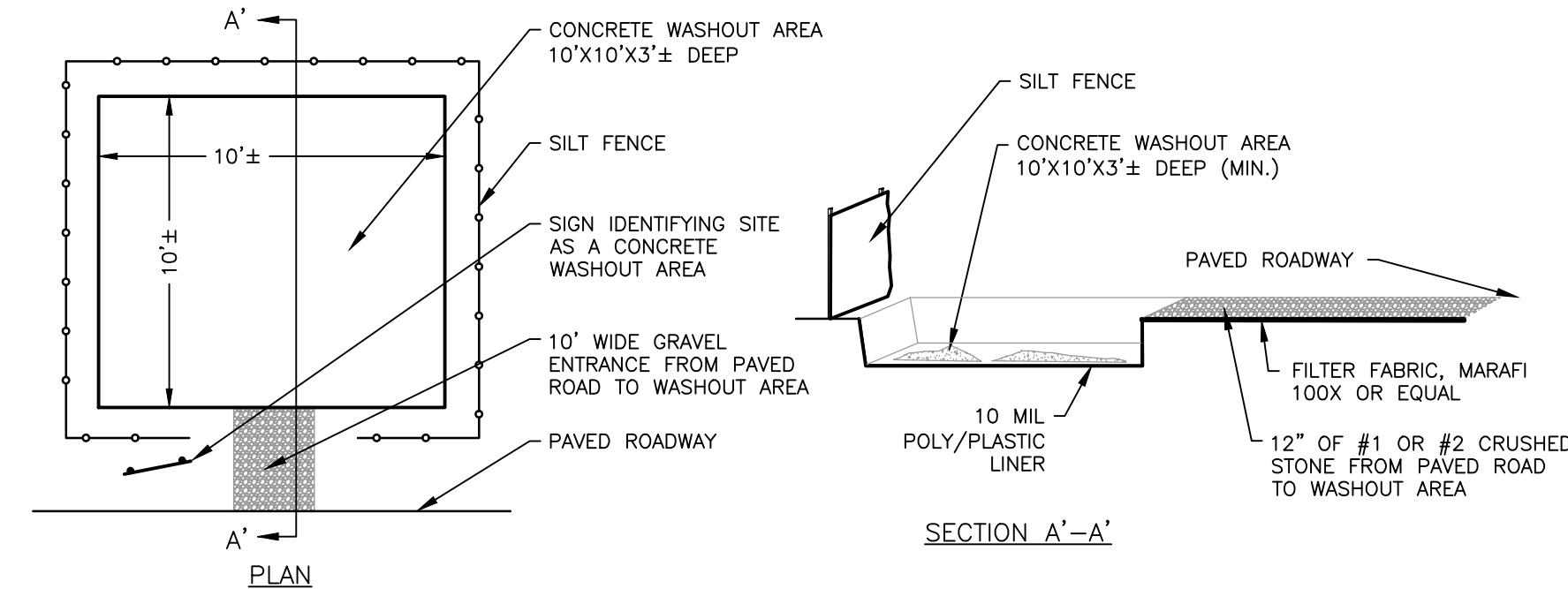
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 126 GA, 4" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY (6) INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SLOPE	STEEPNESS	SLOPE LENGTH/FENCE LENGTH (FT)		
		STANDARD	REINFORCED	SUPER
<2%	<50:1	300/1500	N/A	N/A
2-10%	50:1 TO 10:1	125/1000	250/2000	300/2500
10-20%	10:1 TO 5:1	100/750	150/1000	200/1000
20-33%	5:1 TO 3:1	60/500	80/750	100/1000
33-50%	3:1 TO 2:1	40/250	70/350	100/500
>50%	>2:1	20/125	30/175	50/250

STANDARD SILT FENCE (SF) IS FABRIC ROLLS STAPLED TO WOODEN STAKES DRIVEN 18" IN THE GROUND.
REINFORCED SILT FENCE (RSF) IS FABRIC PLACED AGAINST WELDED WIRE FABRIC WITH ANCHORED STEEL POSTS DRIVEN 18" IN THE GROUND.
SUPER SILT FENCE (SSF) IS FABRIC PLACED AGAINST CHAIN LINK FENCE AS SUPPORT BACKING WITH POSTS DRIVEN 3" IN THE GROUND.

SEDIMENT CONTROL FENCE

SCALE: NTS



CONSTRUCTION SPECIFICATIONS

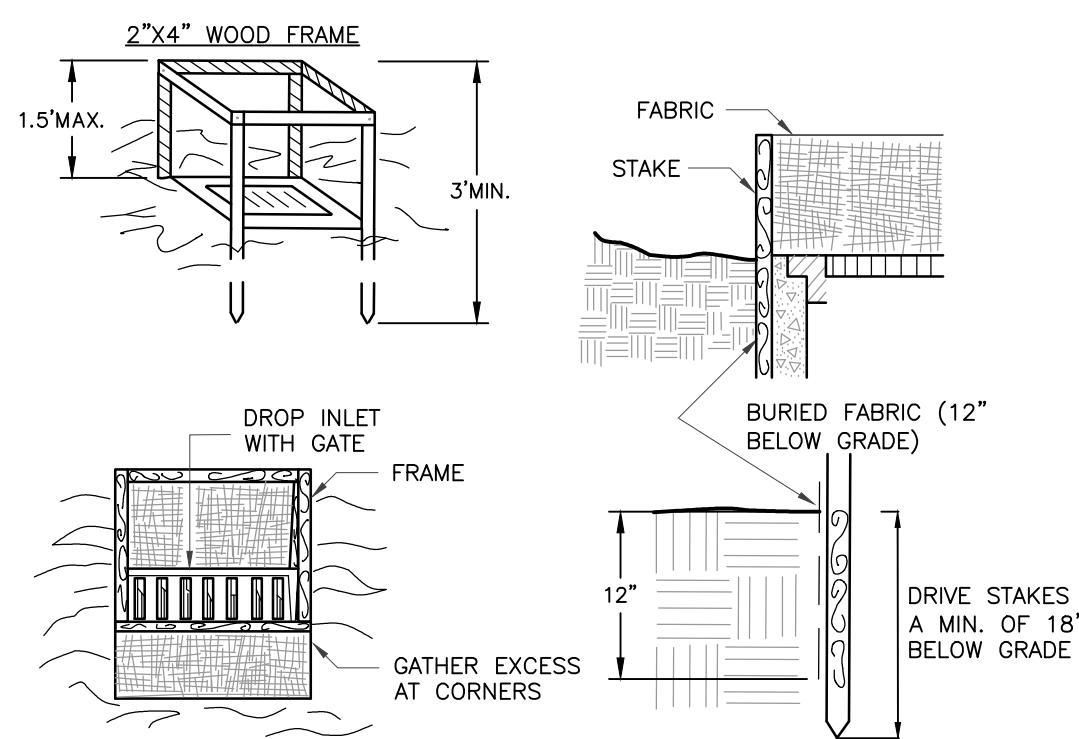
- CONCRETE WASHOUT LOCATION SHALL BE A MINIMUM OF 100' FROM SENSITIVE AREAS.
- THE BASIN DIMENSIONS DEPICTED ABOVE ARE REQUIRED MINIMUMS. CONCRETE WASHOUT FACILITY SHALL BE CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. (APPROX. 60 GAL. OF WATER/WASTE PER TRUCK)
- PLASTIC LINING MATERIAL SHALL BE 10 MIL(MINIMUM) POLY SHEETING AND BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL. LINER TO BE ANCHORED BEYOND THE TOP OF THE PIT WITH AN EARTHEN BERM, SAND BAGS, OR STONE.
- WASHOUT FACILITY MUST BE CLEANED OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL.

MAINTENANCE AND CLEANING

- DO NOT DISCHARGE LIQUID OR SLURRY TO WATERWAYS, STORM DRAINS OR DIRECTLY ONTO GROUND.
- DO NOT USE SANITARY SEWER WITHOUT LOCAL APPROVAL.
- PLACE A SECURE NON-COLLAPSING, NON-WATER COLLECTING COVER OVER THE FACILITY PRIOR TO PREDICTED WET WEATHER TO PREVENT ACCUMULATION AND OVERFLOW.
- REMOVE AND DISPOSE OF HARDENED CONCRETE AND RETURN THE STRUCTURE TO A FUNCTIONAL STATE.
- INSPECT THE WASHOUT FACILITY FOR SIGNS OF WEAKENING OR DAMAGE AND REPAIR AS NECESSARY (RE-LINE THE STRUCTURE WITH NEW POLY SHEETING AFTER EACH CLEANING).

CONCRETE WASHOUT AREA

SCALE: NTS



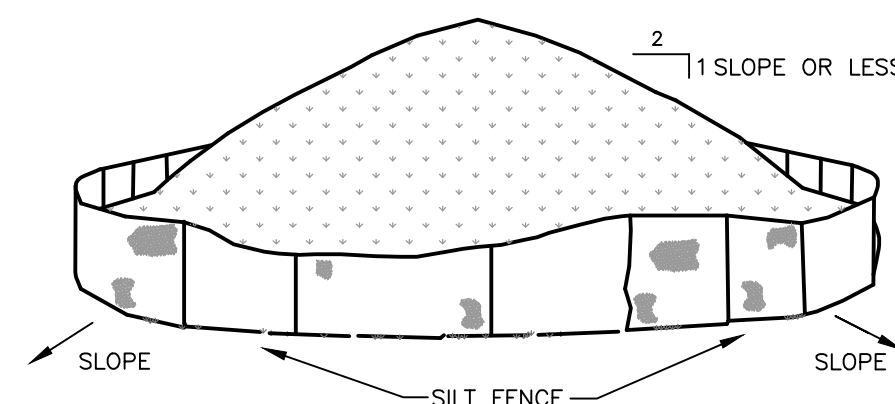
CONSTRUCTION SPECIFICATIONS

- 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.

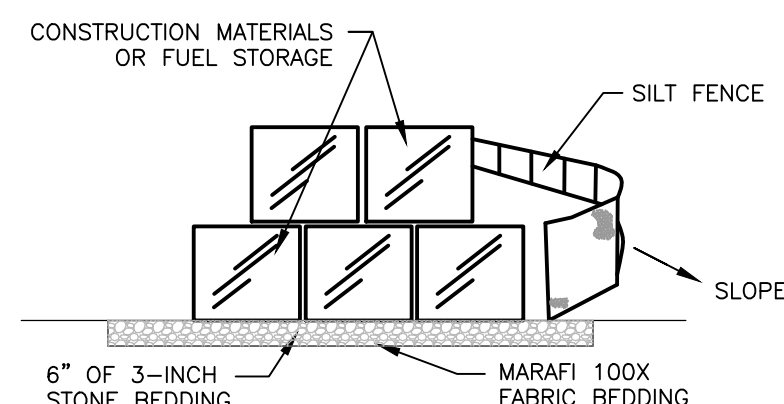
FABRIC DROP INLET PROTECTION

SCALE: NTS



- AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
- MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
- SILT FENCING SHALL BE PLACED 5' DOWNSLOPE OF EACH PILE. UPON COMPLETION OF SOIL STOCKPILING, TOPSOIL SHALL BE STABILIZED WITH SEED AND MULCH IF NOT TO BE DISTURBED/UTILIZED WITHIN 14 DAYS.
- SEE ADDITIONAL DETAILS FOR INSTALLATION OF SILT FENCE.
- TEMPORARY PERIMETER DIKES MAY BE REQUIRED TO DIRECT CLEAN RUNOFF FROM STOCKPILE AREAS. REFER TO EROSION AND SEDIMENT CONTROL PLAN.

SOIL STOCKPILE

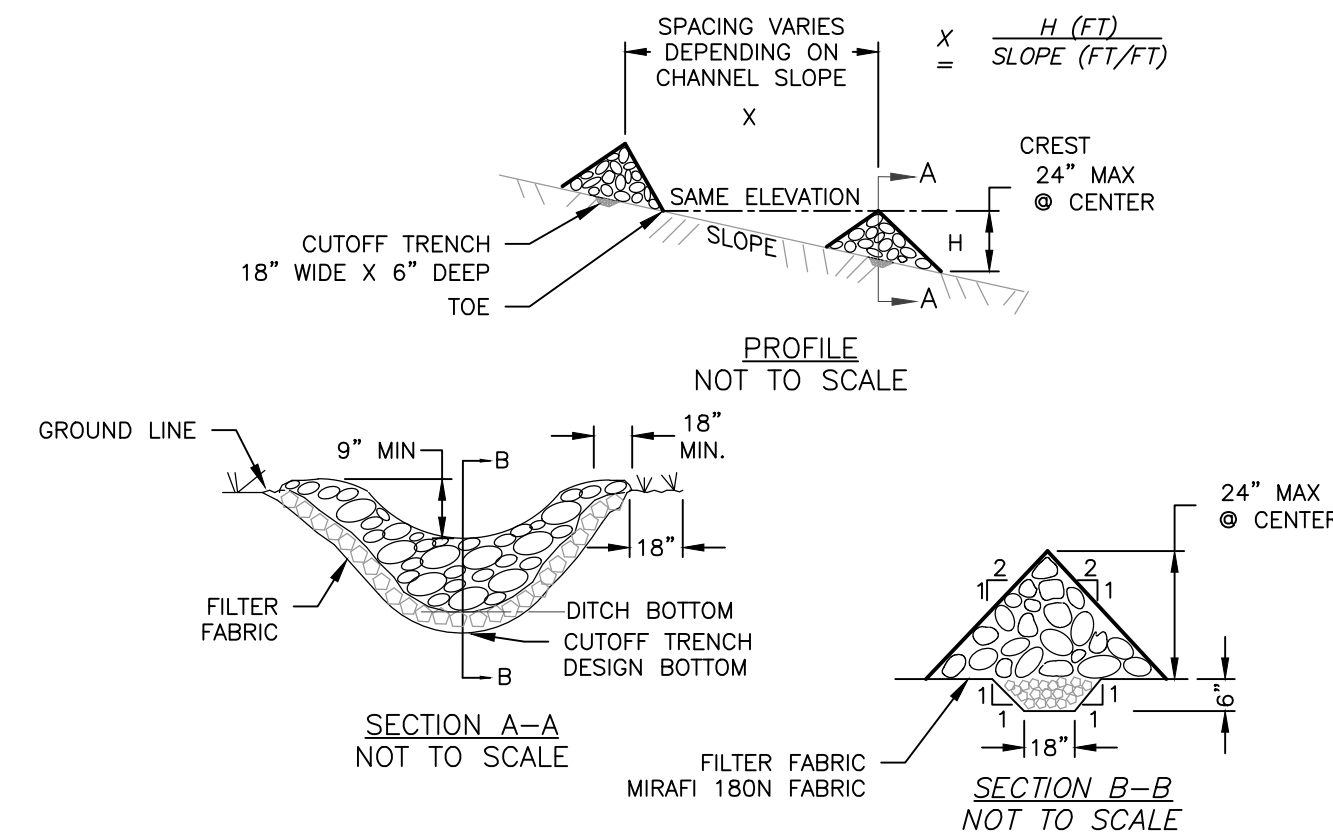


- AREA CHOSEN FOR STORAGE OPERATIONS SHALL BE DRY AND STABLE.
- MINIMUM DISTANCE TO A NATURAL WATER COURSE SHALL BE 50'.
- THE TOP SIX INCHES OF NATIVE MATERIAL SHALL BE REMOVED FROM MATERIAL/FUEL STORAGE AREA AND REPLACED WITH MARAFI 100X GEOTEXTILE FABRIC AND 6" INCHES OF CRUSHED STONE BEDDING. CRUSHED STONE SHALL MEET NYSDOT ITEM NO. 623.11 SPECIFICATIONS.
- SILT FENCING SHALL BE PLACED 5' DOWNSLOPE OF STORAGE AREA.
- TEMPORARY PERIMETER DIKES MAY BE REQUIRED TO DIRECT CLEAN RUNOFF FROM STORAGE AREAS. REFER TO EROSION AND SEDIMENT CONTROL PLAN.

FUEL OR MATERIAL STORAGE AREA

MATERIAL STORAGE & SOIL STOCKPILE STABILIZATION DETAIL

SCALE: NTS



CONSTRUCTION SPECIFICATIONS

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE. MAXIMUM DRAINAGE AREA TWO (2) ACRES.

STONE CHECK DAM DETAIL

SCALE: NTS

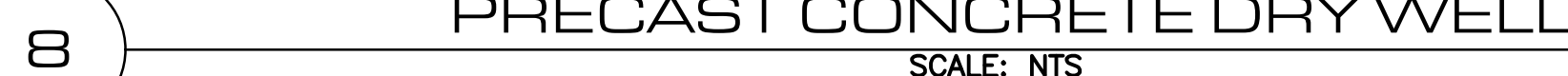
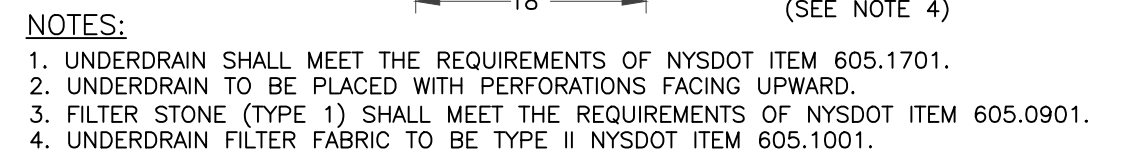
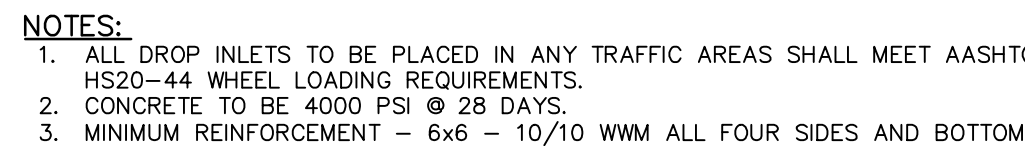
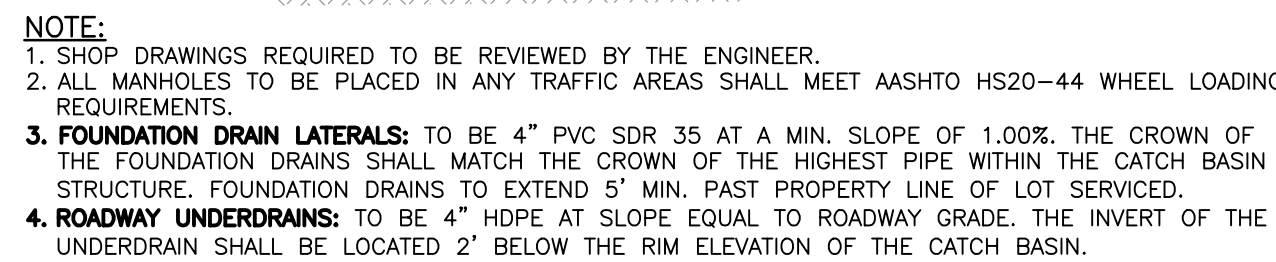
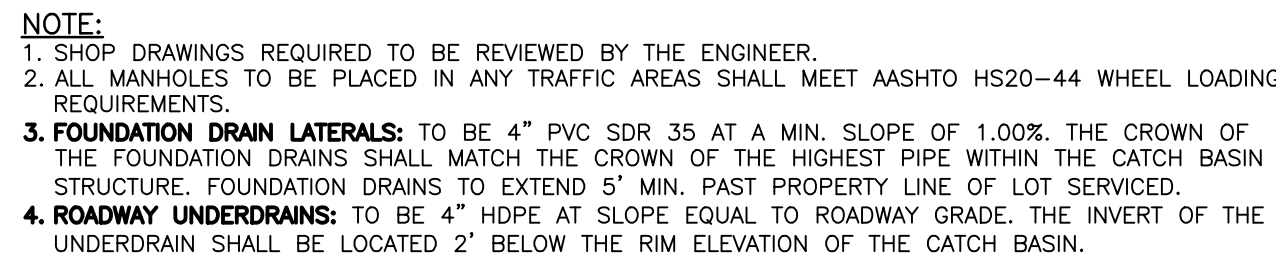
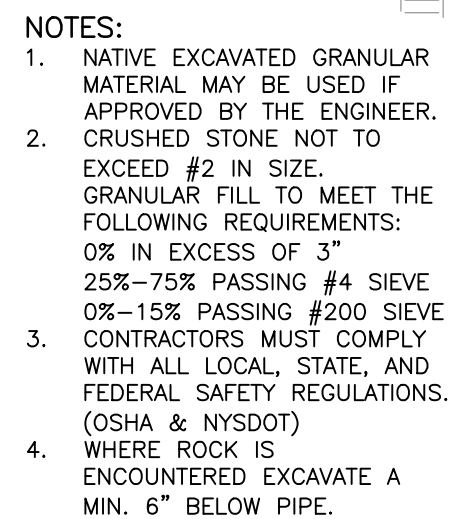
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DATE: 10/01/26
 REVISIONS: RECORD/DESCRIPTION
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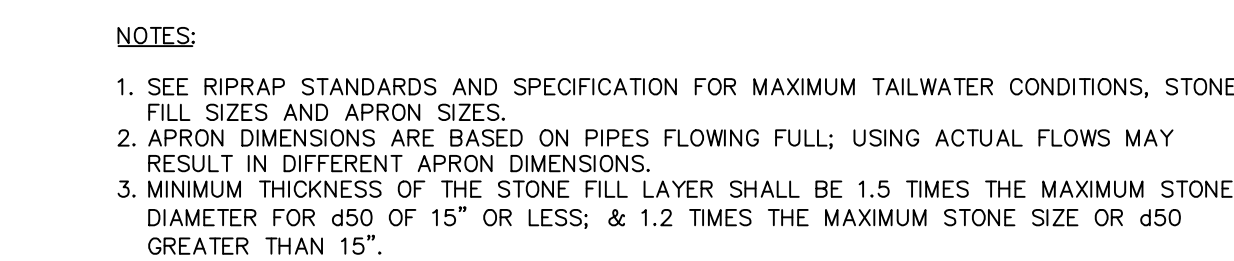
CIVIL TRANSPORTATION/ENVIRONMENTAL/LAND SURVEYING
LANSING
 ENGINEERING
 2485 VALLEY ROAD
 VALLEY, NY 10980
 (815) 889-8843

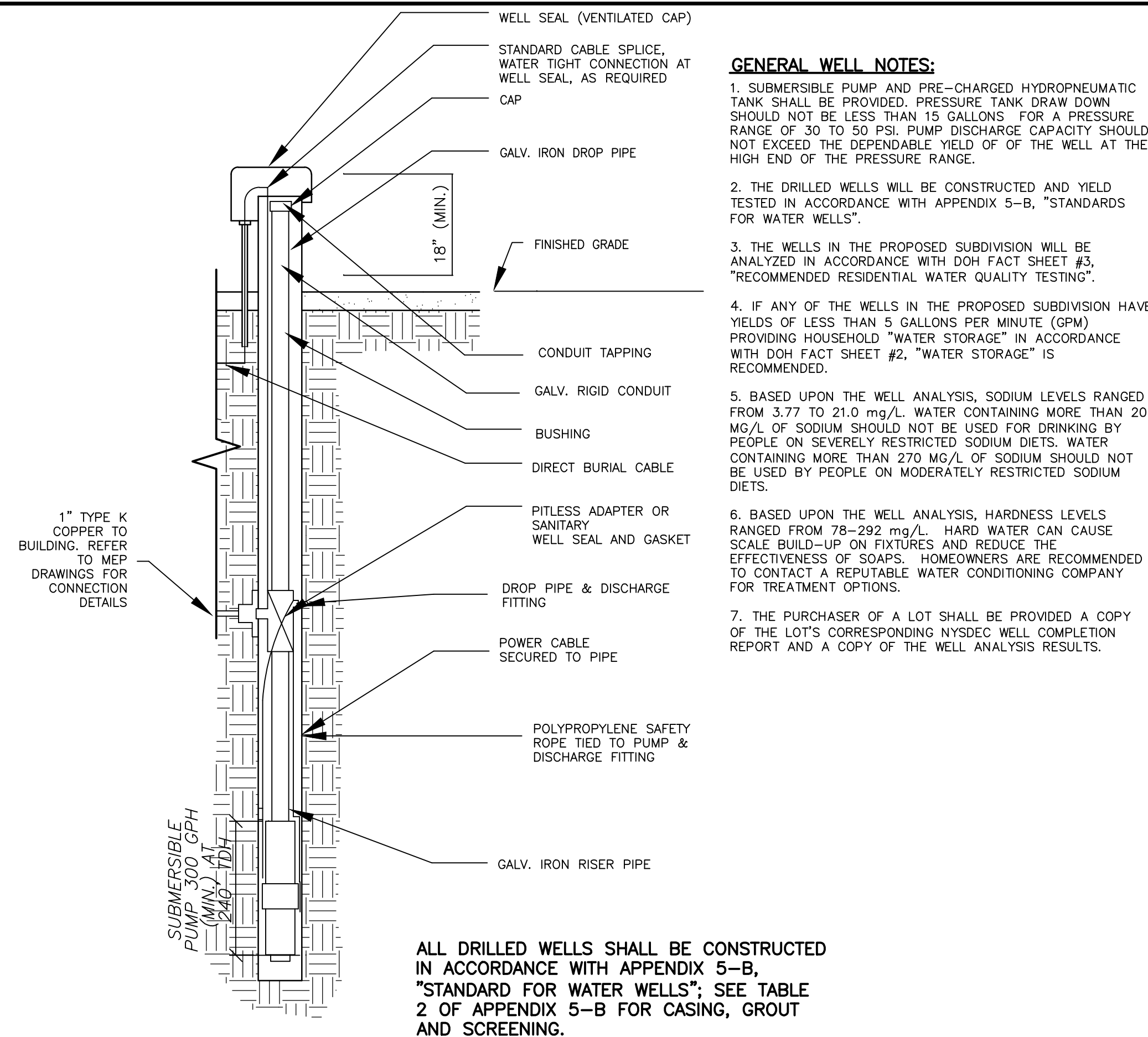
EROSION & SEDIMENT CONTROL DETAILS

PROJ. NO:1238.04
 SCALE: AS SHOWN
 DATE: 10/01/26
 DT-1
 SHEET 10 OF 13

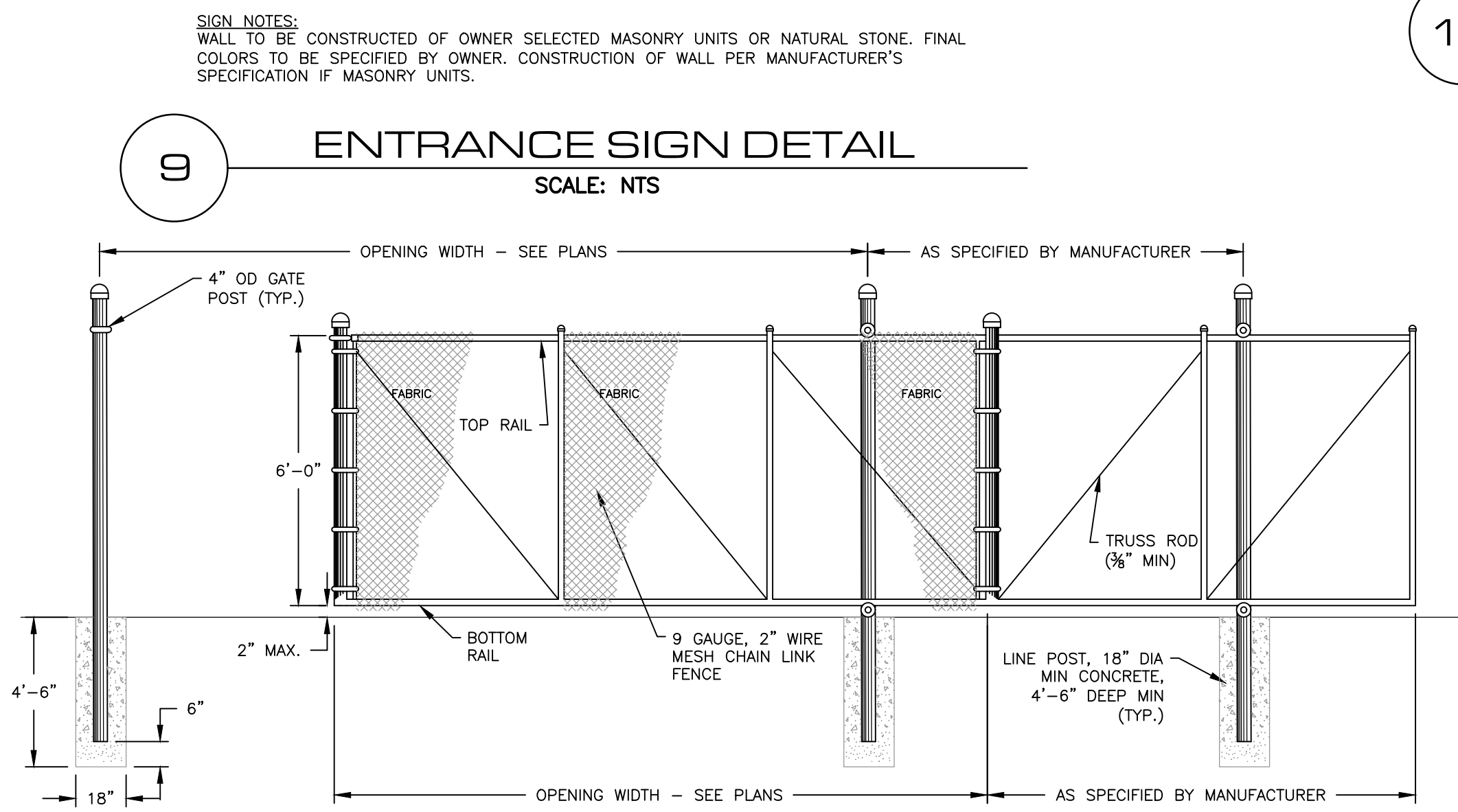
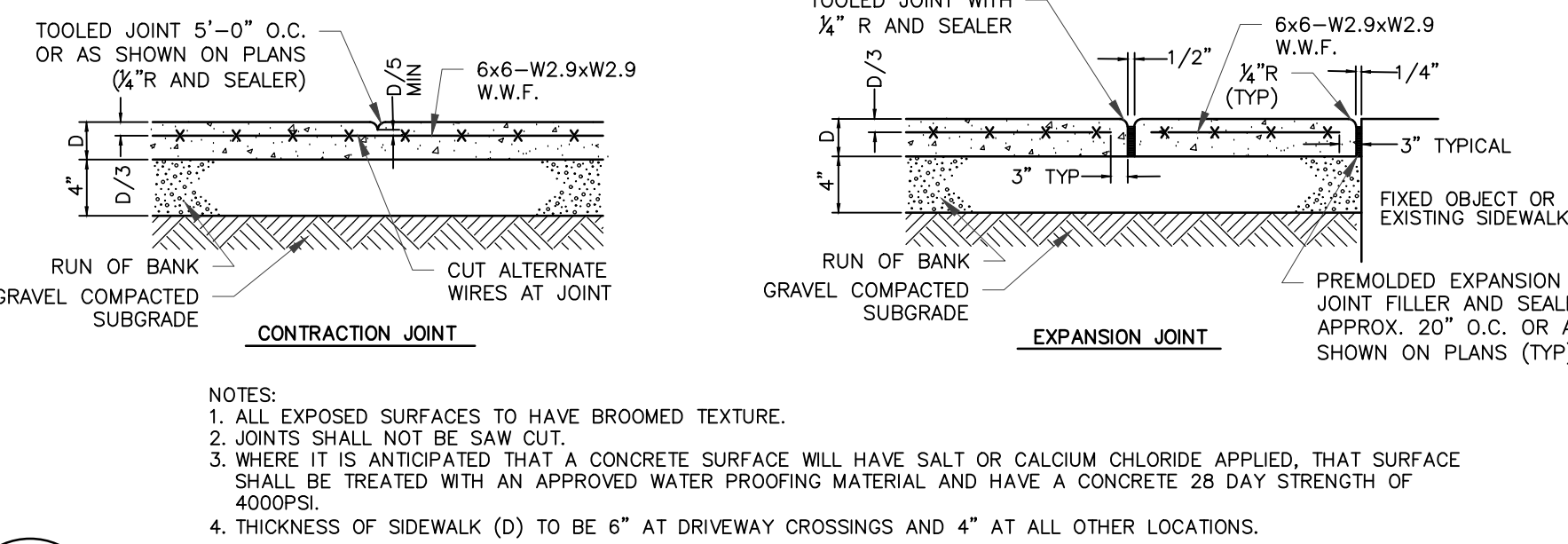


*THE ABOVE TEXT IS BASED ON:
NYSDEC "NEW YORK STATE STANDARDS & SPECIFICATIONS FOR EROSION
& SEDIMENT CONTROL" - FIGURE 3.16 OUTLET PROTECTION DESIGN -
MINIMUM TAILWATER CONDITION (DESIGN OF OUTLET PROTECTION FOR A
ROUND PIPE FLOWING FULL, MINIMUM TAILWATER CONDITION: $T_w <$
0.50c) (USDA-NRCS)

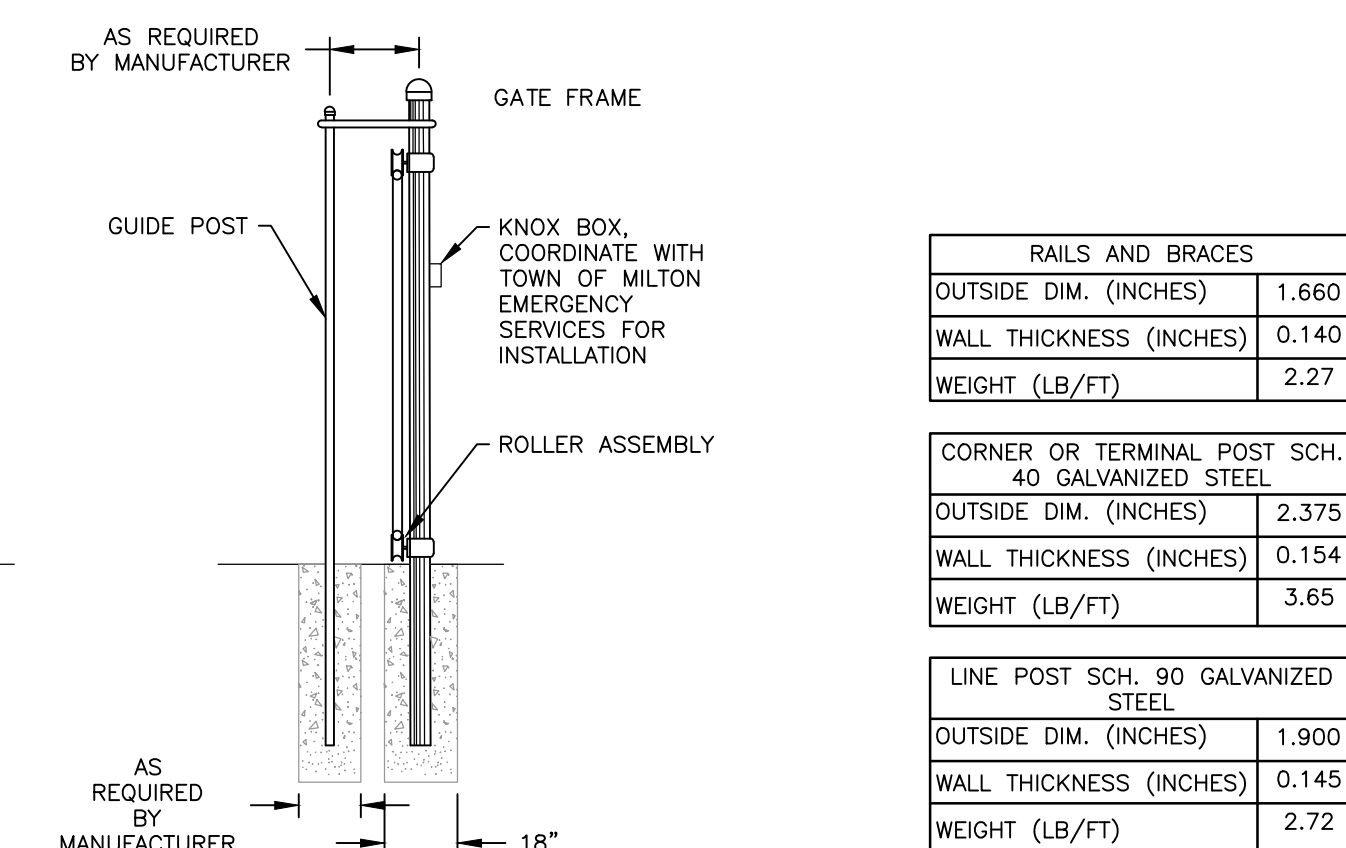




WATER WELL DETAIL
SCALE: NTS

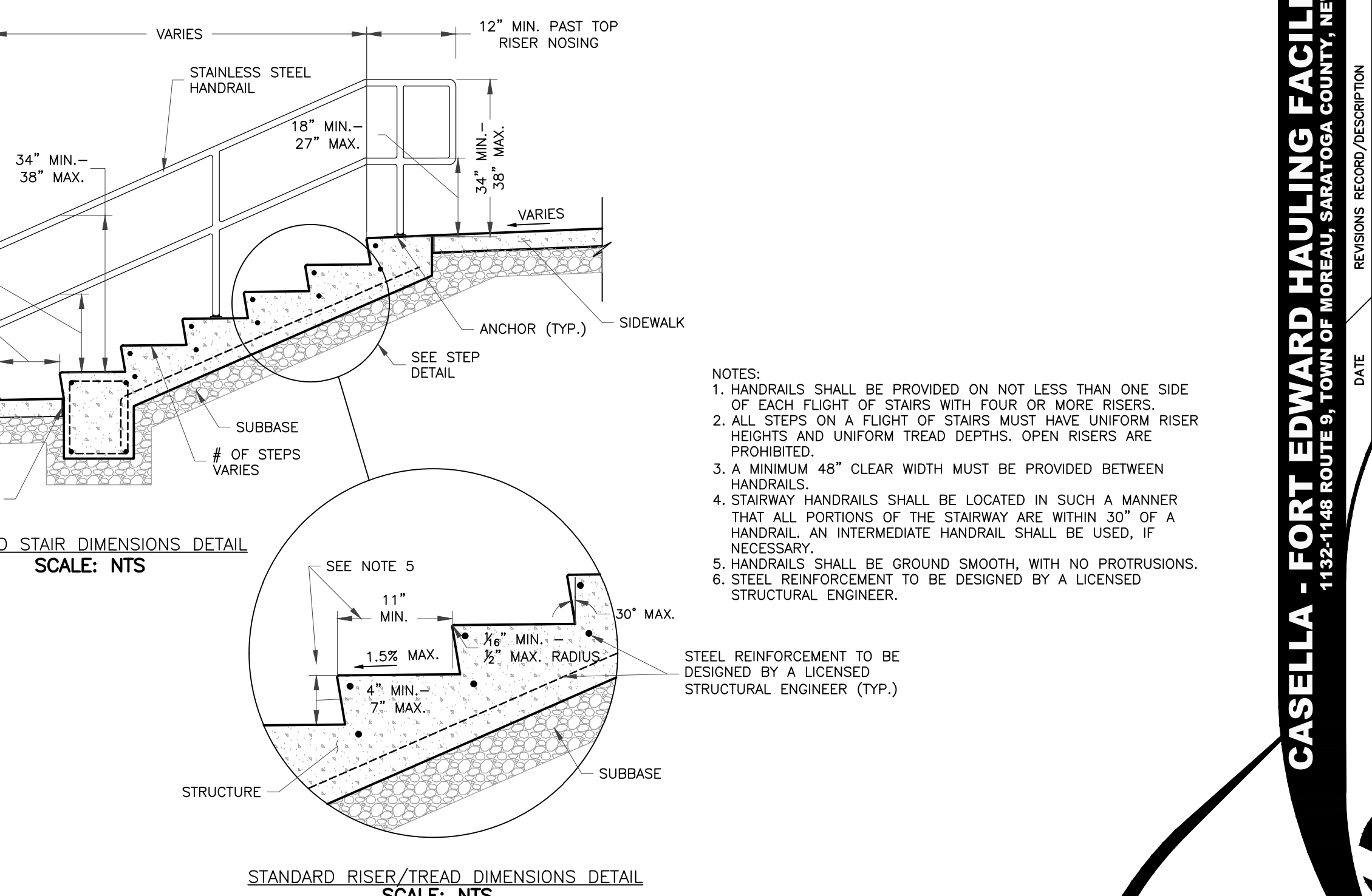
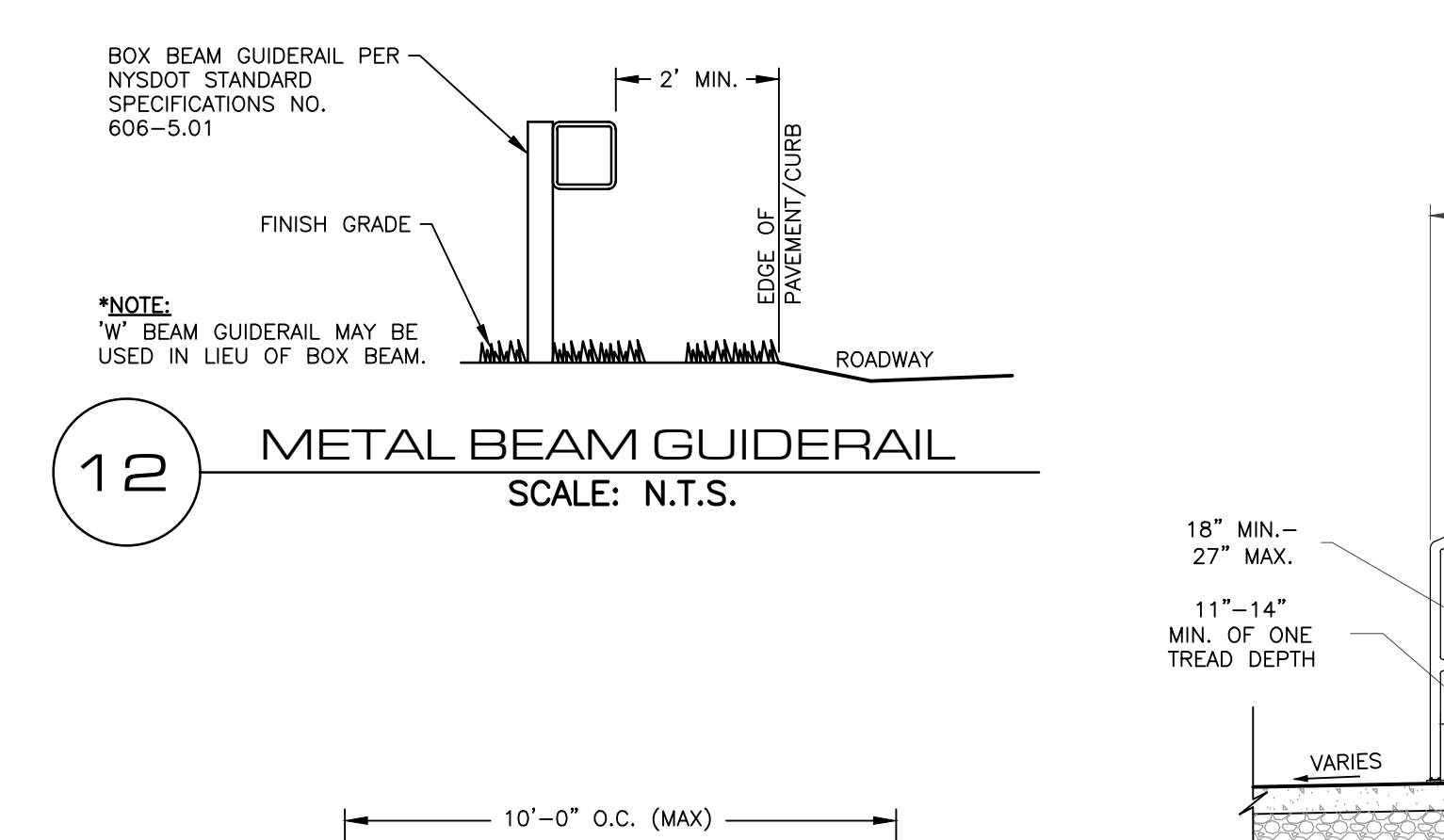
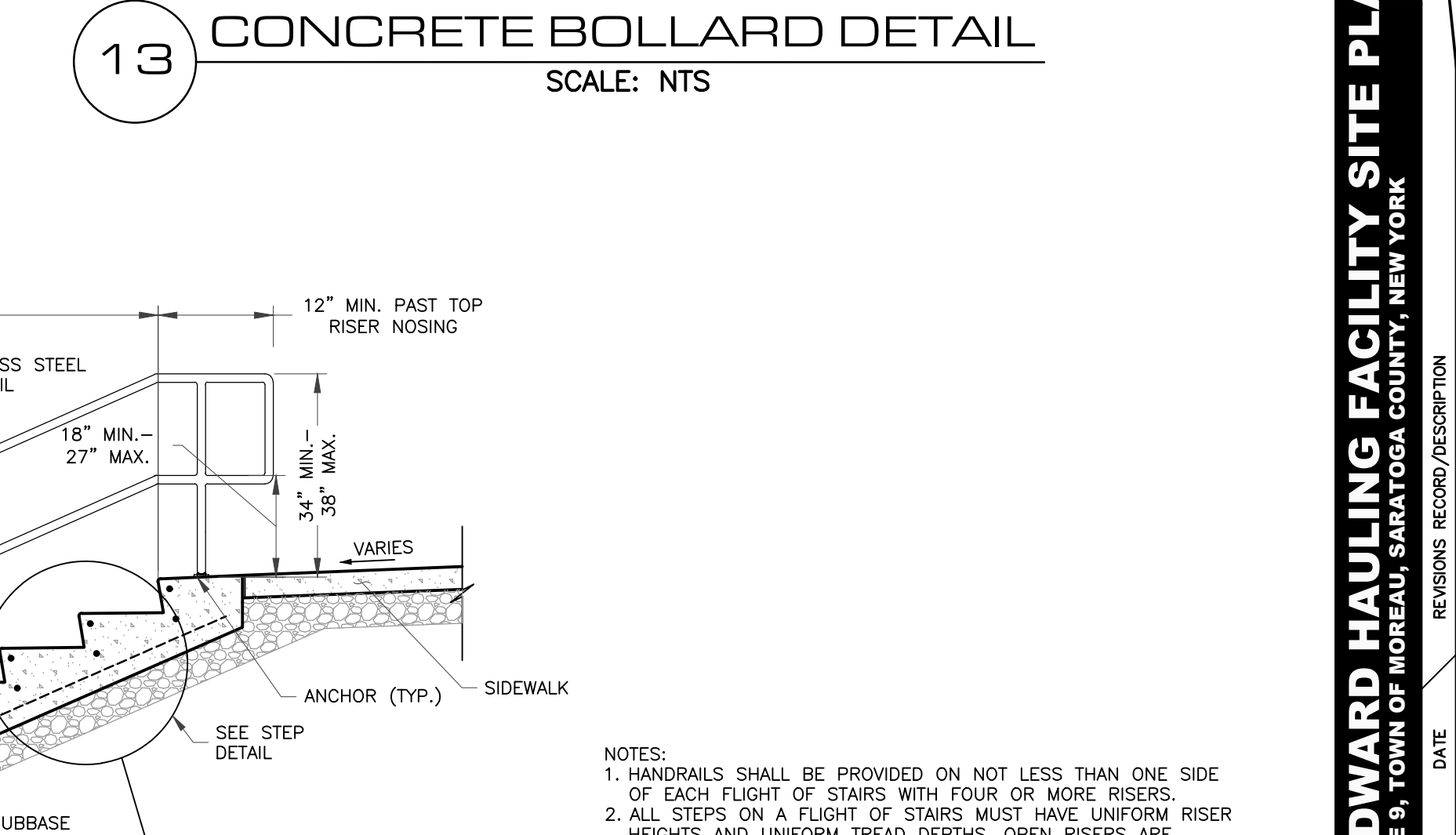
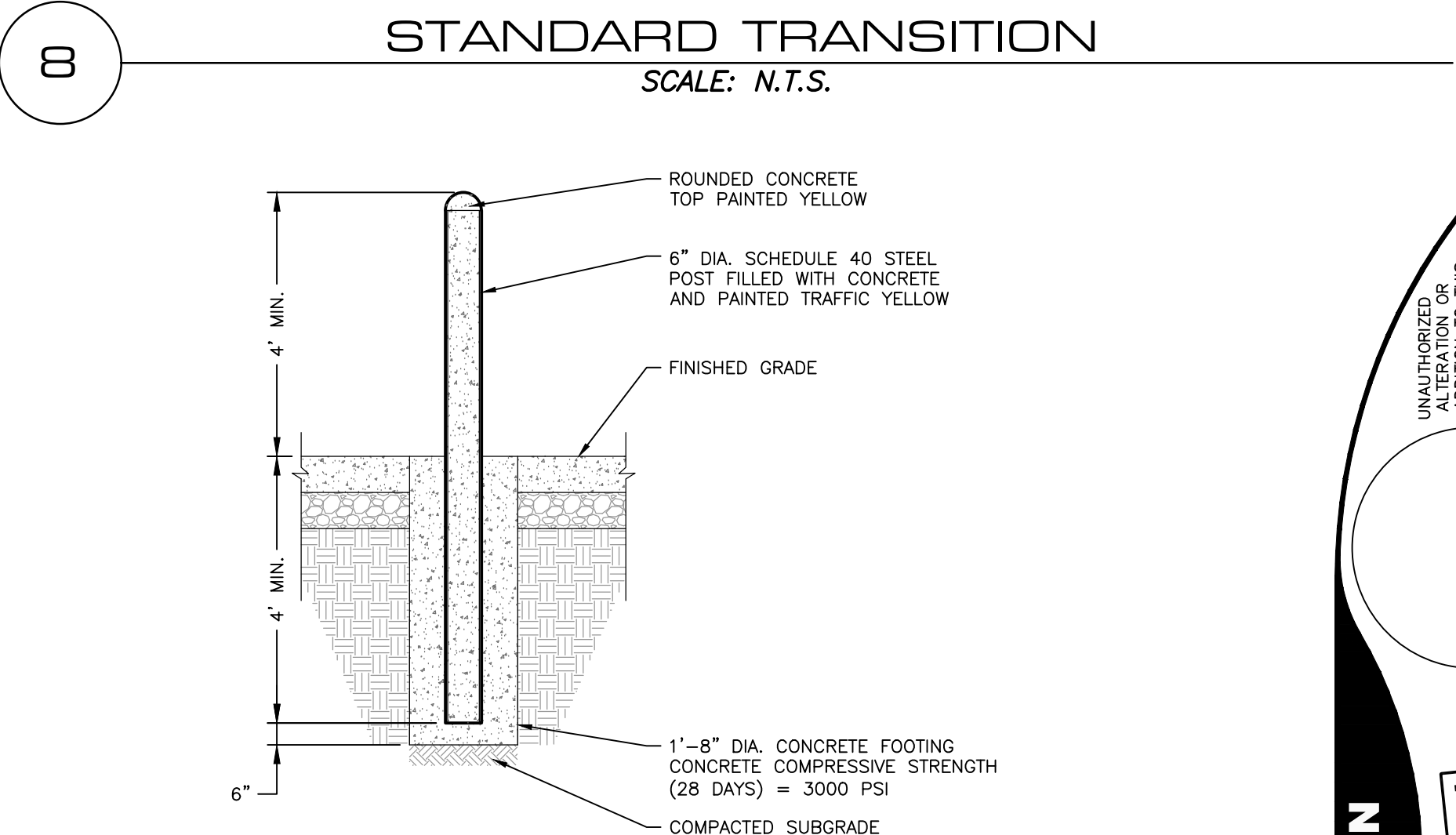
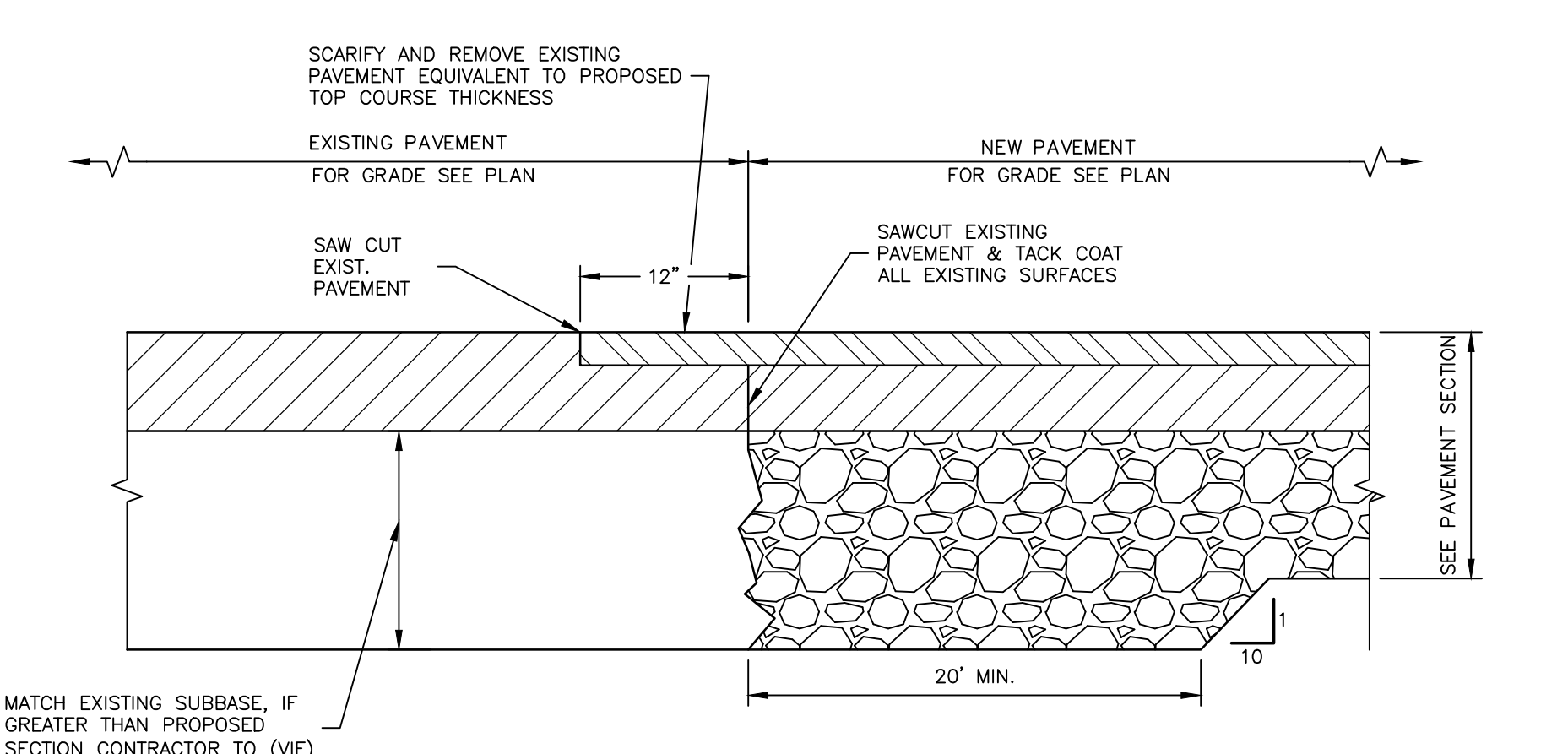
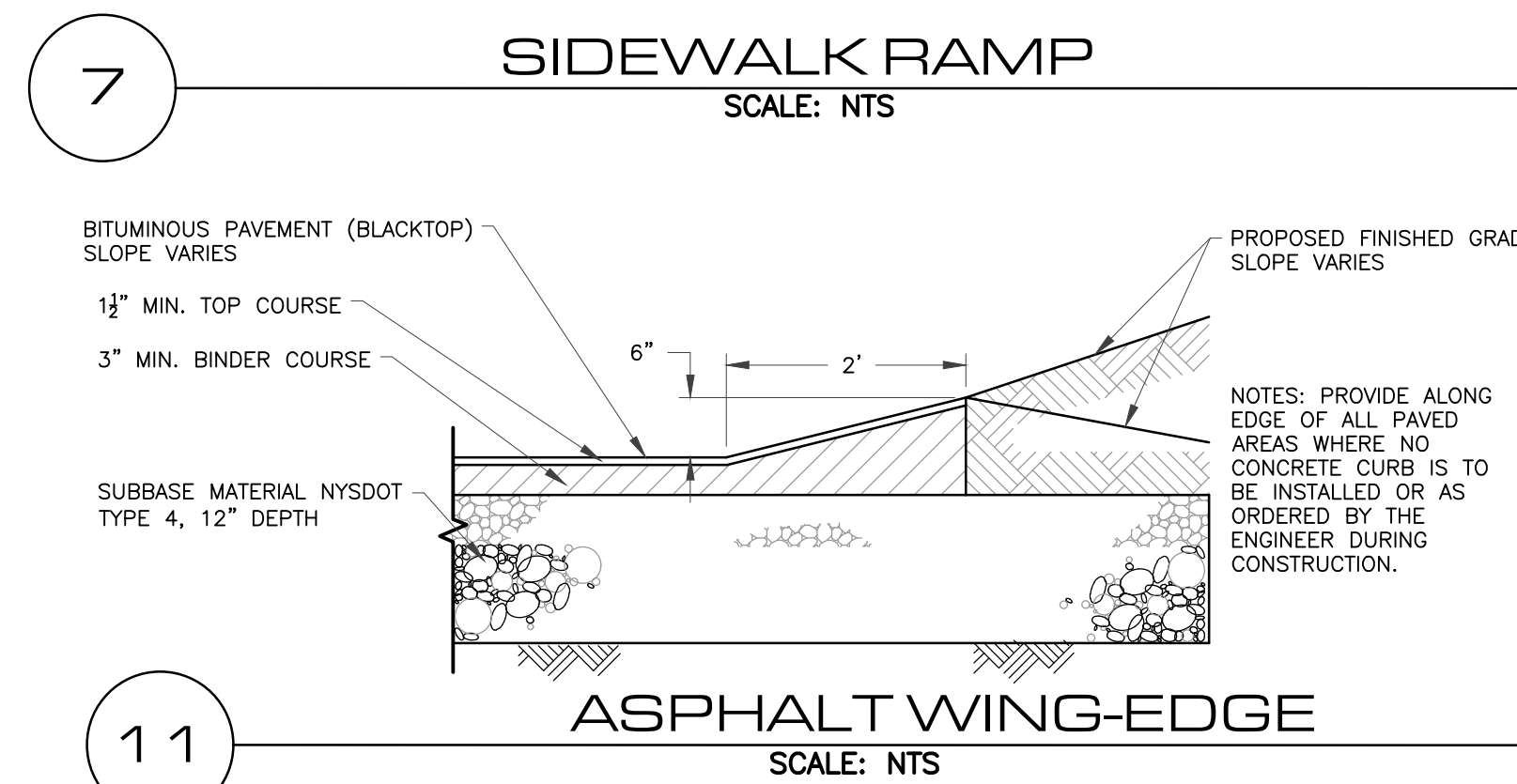
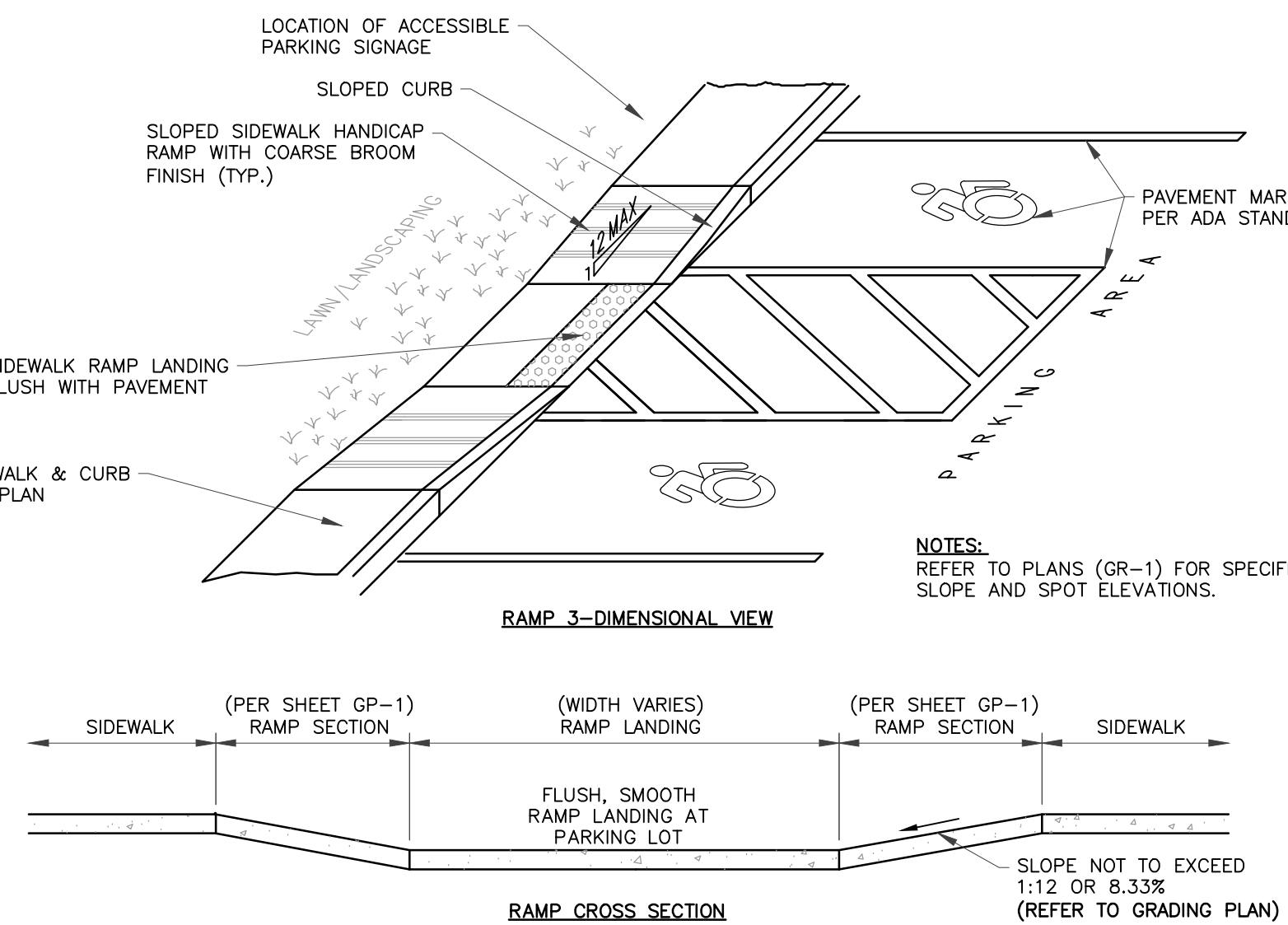
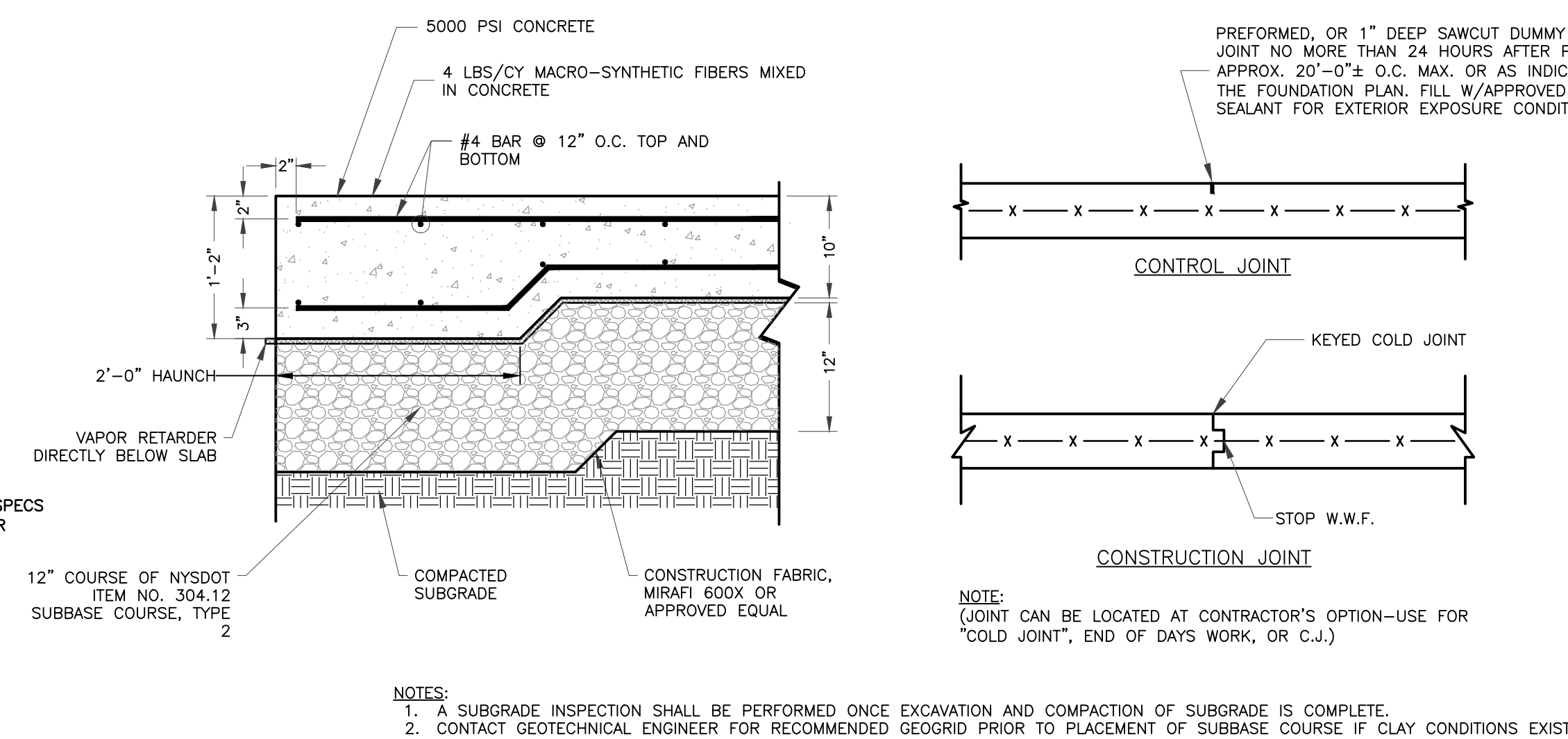
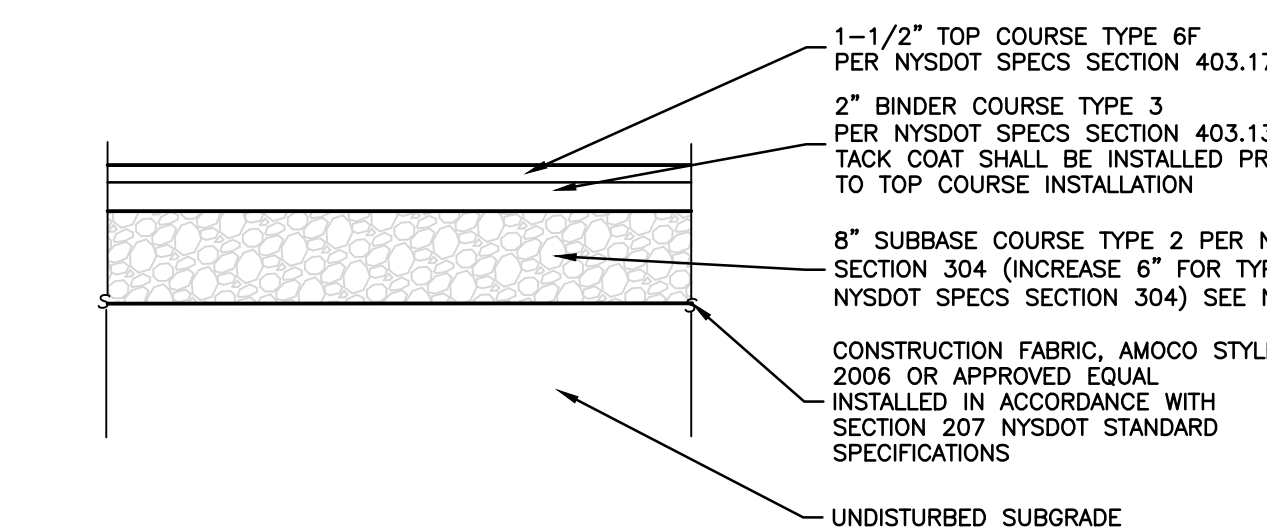
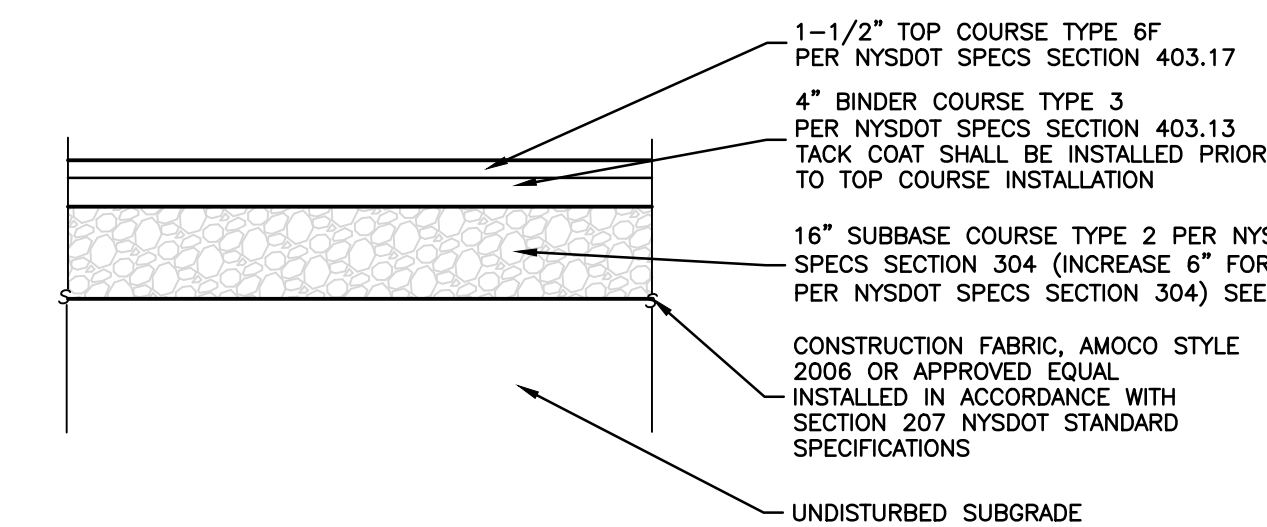


TYPICAL PARKING SPACE LAYOUT
SCALE: NTS



ASPHALT PAVEMENT NOTES:

- THICKNESS OF ALL COURSES SHOWN ON THE DRAWINGS ARE COMPACTED THICKNESSES.
- ALL MATERIALS SHALL CONFORM TO NYSDOT, SECTION 400 AND SECTION 300.
- CONSTRUCT ASPHALT PAVEMENT IN ACCORDANCE WITH NYSDOT SECTION 403-3.
- IF SUBGRADE IS UNSUITABLE FOR SUBBASE INSTALLATION AT THE TIME OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER INDICATING PROPOSED CORRECTIVE MEASURES (E.G., FILTER FABRIC, UNDERDRAINS, ADDITIONAL GRAVEL, ETC.).
- BITUMINOUS TACK COAT SHALL BE APPLIED BETWEEN PAVEMENT COURSES IF MORE THAN 48 HOURS HAS ELAPSED BETWEEN PLACEMENT OF COURSES. TACK COAT WHEN USED SHALL BE APPLIED PER NYSDOT SECTION 407-2 AT APPLICATION RATE OF 0.05-0.10 GAL/YD.
- ALL TESTING FOR COMPACTION SHALL BE AS ORDERED BY THE ENGINEER. THE CONTRACTOR SHALL PAY FOR ALL TESTING.
- ALL FILL TO CONSTRUCT ROADWAY TO SUBGRADE ELEVATIONS SHALL BE COMPACTED TO 95% PROCTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST AND COORDINATION OF THE TESTING AND DOCUMENTATION OF THE FILL MATERIAL AND THE COMPACTION OF THE FILL MATERIAL.



RAILS AND BRACES	
OUTSIDE DIM. (INCHES)	1.660
WALL THICKNESS (INCHES)	0.140
WEIGHT (LB/FT)	2.27
TENSION BAR	
OUTSIDE DIM. (INCHES)	2.375
WALL THICKNESS (INCHES)	0.154
WEIGHT (LB/FT)	3.65
LINE POST SCH. 90 GALVANIZED STEEL	
OUTSIDE DIM. (INCHES)	1.900
WALL THICKNESS (INCHES)	0.145
WEIGHT (LB/FT)	2.72

CHAIN LINK FENCE DETAIL
SCALE: NTS

STANDARD STAIR WITH HANDRAIL DETAIL
SCALE: NTS

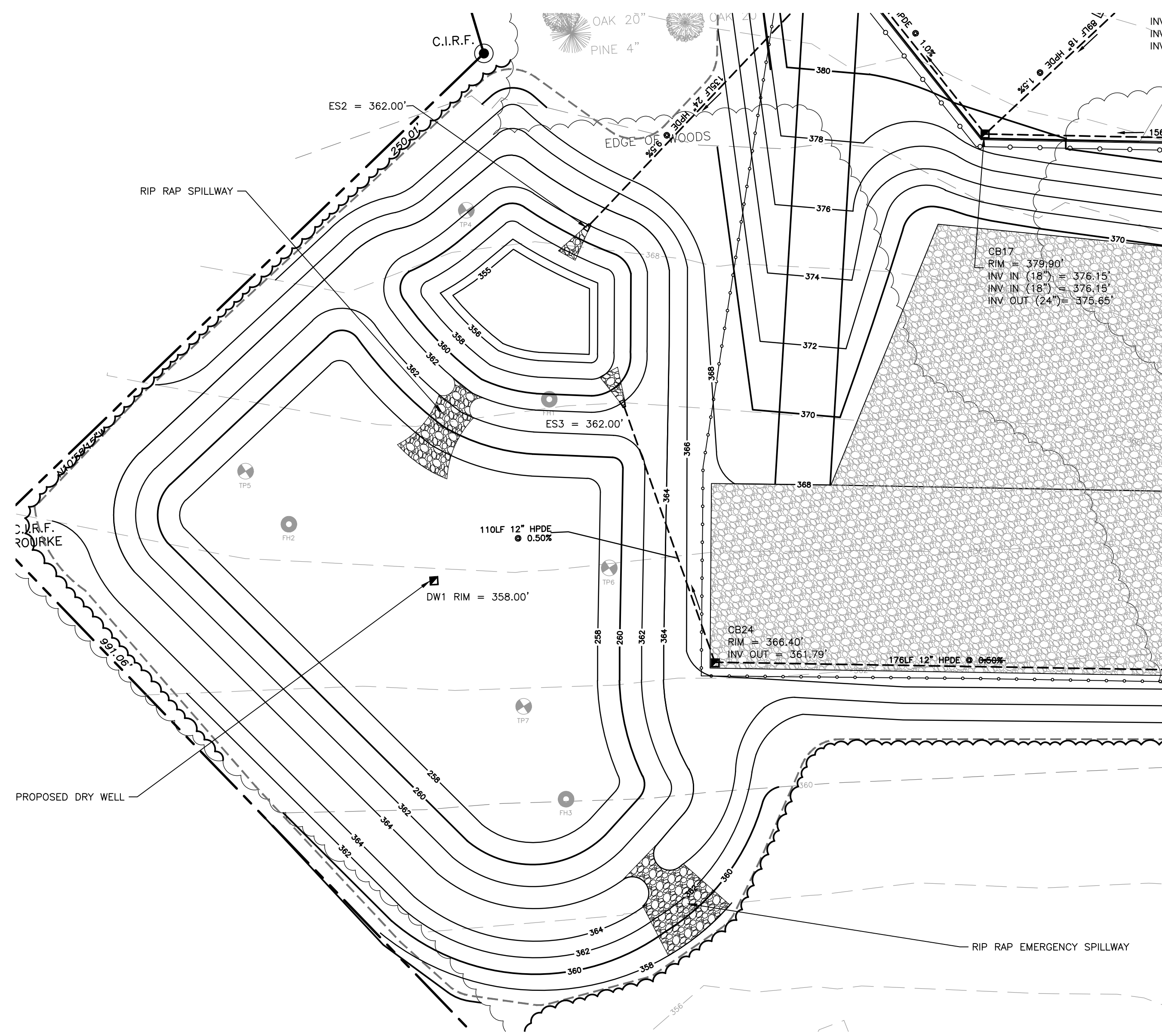
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CASELLA - FORT EDWARD HAULING FACILITY SITE PLAN
1132-1148 ROUTE 9, TOWN OF MOREAU, SARATOGA COUNTY, NEW YORK

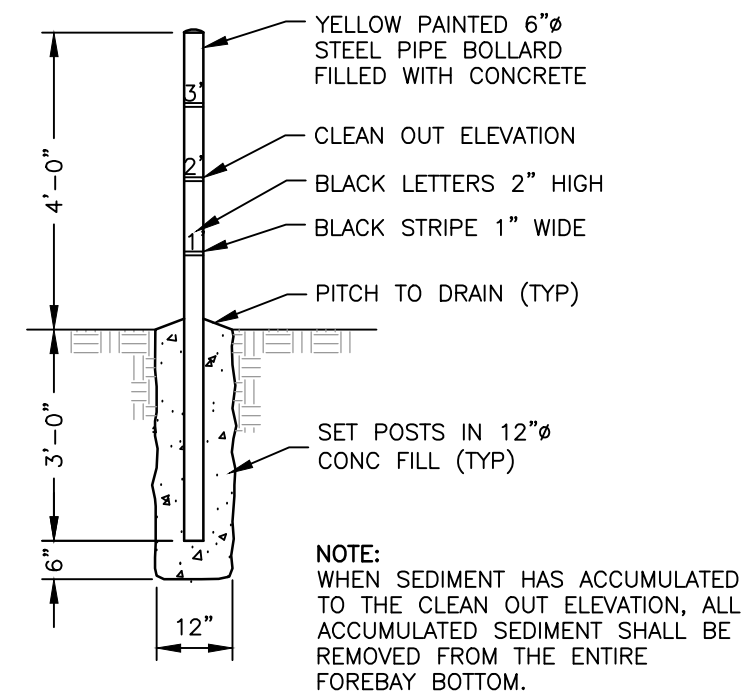
LANSING ENGINEERING
2000 WEST 10TH STREET, SUITE 100
ANN ARBOR, MI 48106-1500
(734) 963-8843

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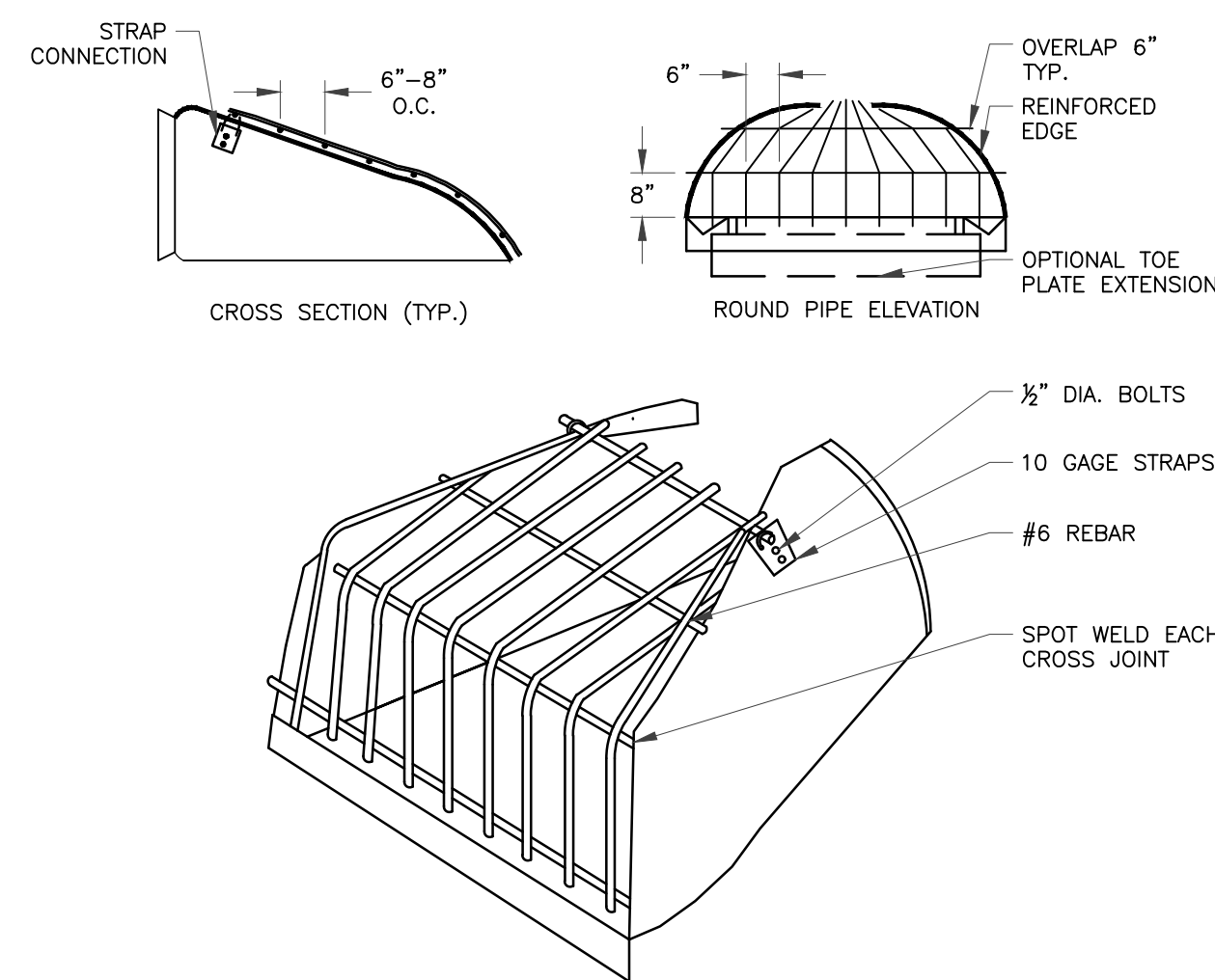
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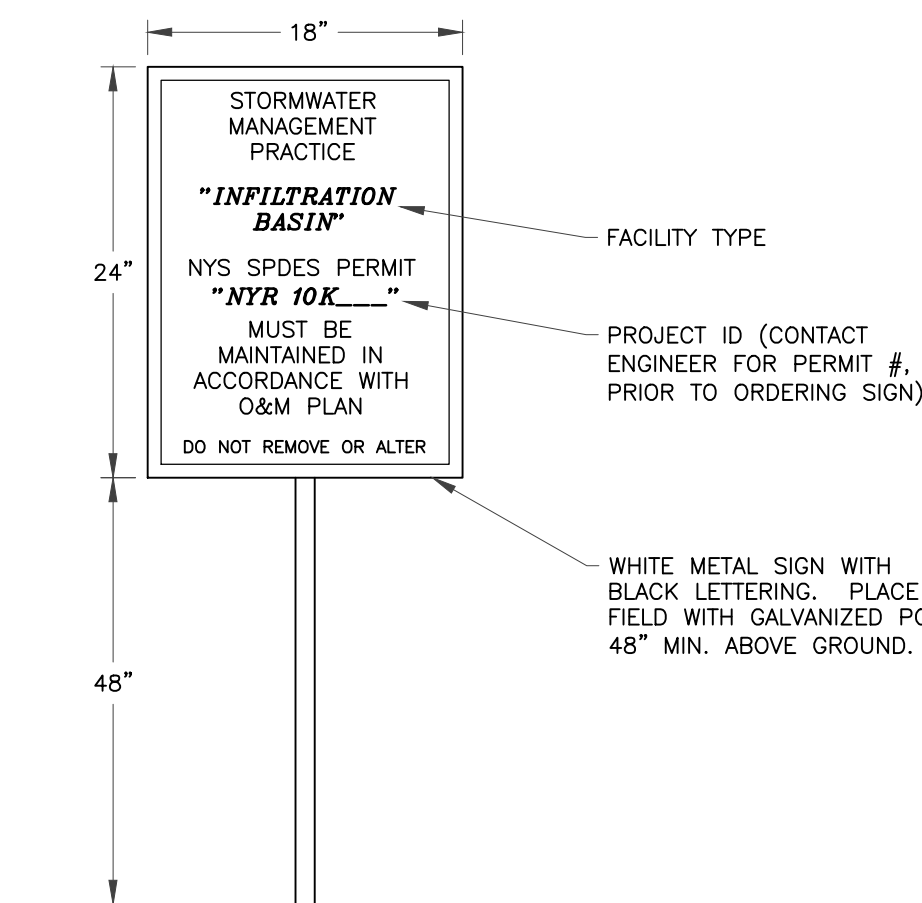
1 STORMWATER INFILTRATION BASIN 1
SCALE: 1"=30'



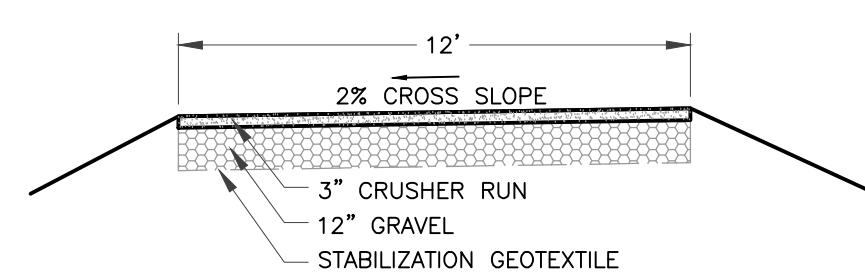
3 SEDIMENT DEPTH MARKER
SCALE: NTS



4 EXTERNAL TRASH RACK
SCALE: NTS

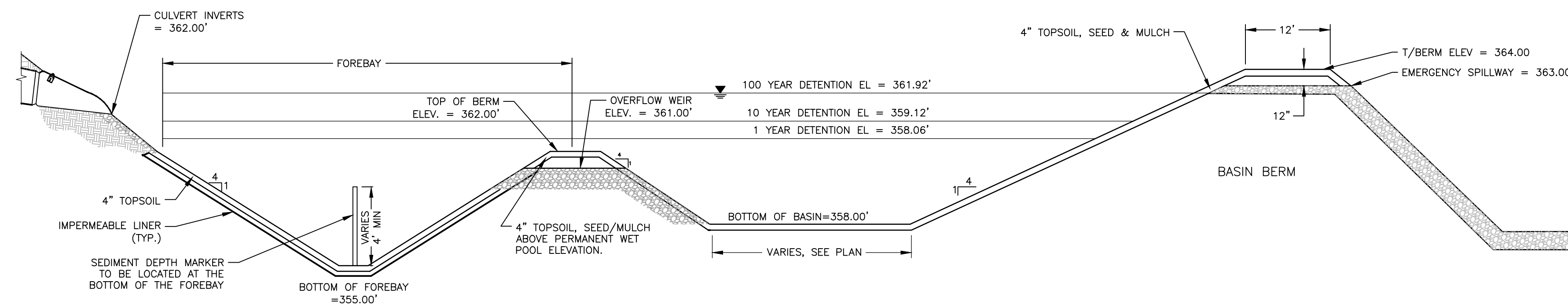


5 STORMWATER MANAGEMENT FACILITY NOTIFICATION SIGN
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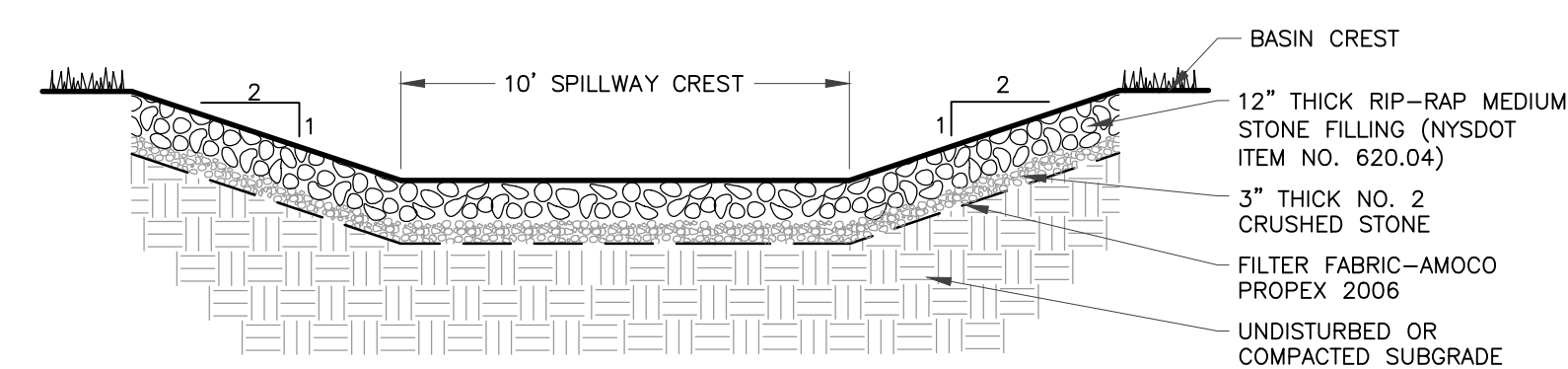
7 PROPOSED SWMB GRAVEL MAINTENANCE ACCESS DRIVE SECTION
SCALE: NTS

- EMBANKMENT FILL NOTES:**
1. EMBANKMENT FILL FOR THE STORMWATER BASIN BERM SHALL CONSIST OF A CLEAN WELL GRADED MIXTURE OF SILT, CLAY, SAND AND GRAVEL WITH NO PARTICLES LARGER THAN (6) INCHES. EXCAVATED ON SITE SOILS SHALL BE SELECTIVELY STOCKPILED FOR USE AS EMBANKMENT FILL IN AREAS DESIGNATED BY THE ENGINEER. SOIL SUITABLE FOR USE AS EMBANKMENT FILL SHALL HAVE AT LEAST 40% BY WEIGHT FINER THAN THE NO. 200 SIEVE AND NO MORE THAN 15% BY WEIGHT COARSER THAN THE NO. 4 SIEVE. THE FILL SHALL BE FREE OF VEGETATION, ORGANIC MATERIAL AND FROZEN SOIL.
 2. ALL FILL SHALL BE PLACED IN LIFTS NOT EXCEEDING (8) INCHES IN THICKNESS WHEN LOOSE AND BE COMPACTED TO A DENSITY OF AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM-1557.
 3. ACCEPTABLE POND LINER OPTIONS INCLUDE: A) 6"-12" OF CLAY SOIL (MINIMUM 50% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 0.00001 CM/SEC), OR B) A 30 MIL POLYLINER.
 4. THE STABILIZED ACCESS ROAD SHALL CONSIST OF (12) INCHES OF COMPACTED NYSDOT ITEM NO. 304.12.

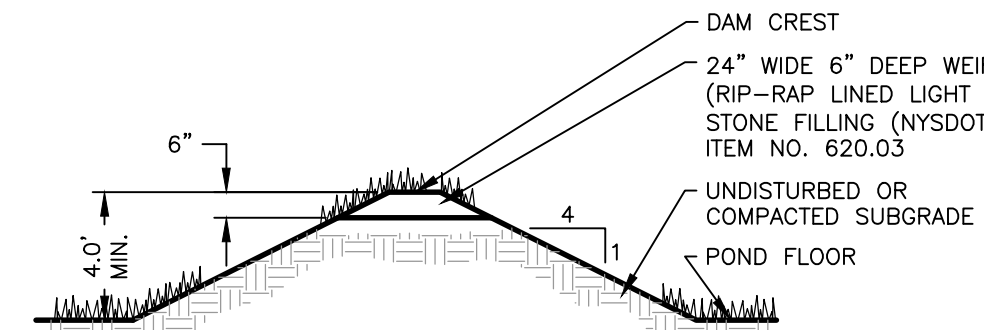


2 STORMWATER INFILTRATION BASIN 1
SCALE: NTS

PH1 - FALLING HEAD TEST 1 4' BELOW GRADE IN MEDIUM SAND	60 IN/HR
PH2 - FALLING HEAD TEST 2 4.5' BELOW GRADE IN TILL LAYER	5.75 IN/HR
PH3 - FALLING HEAD TEST 3 4' BELOW GRADE IN MEDIUM SAND	60 IN/HR



6 EMERGENCY SPILLWAY CROSS SECTION
SCALE: NTS



8 FOREBAY DAM/WEIR SECTION
SCALE: NTS