

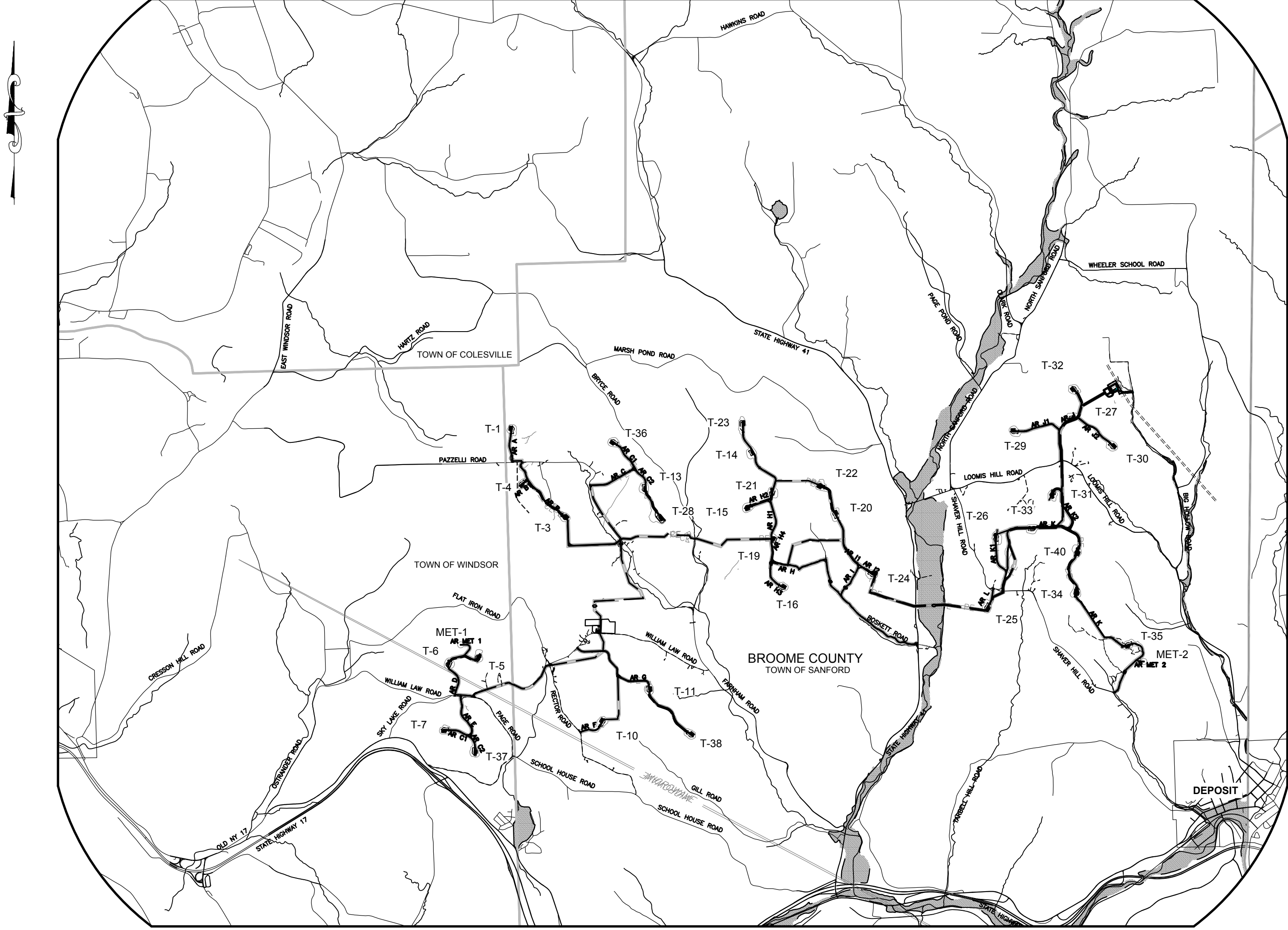
BLUESTONE WIND FARM

TOWNS OF SANFORD AND WINDSOR
BROOME COUNTY, NEW YORK



NEW YORK STATE MAP


N.T.S.



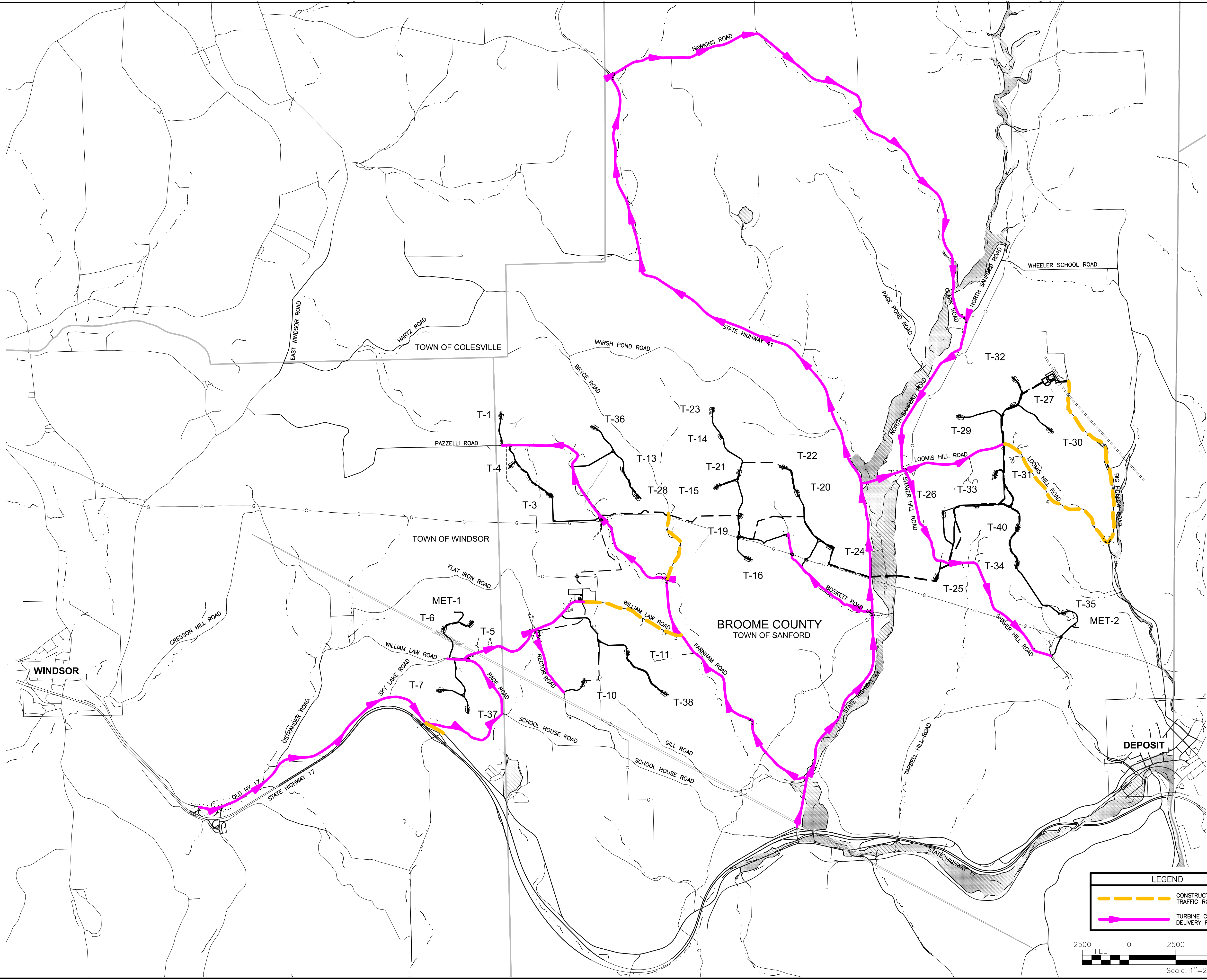
LOCATION MAP
N.T.S.

INDEX OF DRAWINGS:

DRAWING NO.	DESCRIPTION
C-001	COVER
C-010	GENERAL PLAN
C-020	TRANSPORTATION PLAN
C-030	TURBINE COORDINATES
C-040	GENERAL NOTES
C-050,060,070	DETAILS
C-100'S	PUBLIC ROAD PLANS
C-200'S	ACCESS ROAD PLANS
C-300'S	COLLECTION LINE PLANS
C-400	SUBSTATION / POI SITE PLAN
C-500	LAYDOWN YARD / BATCH PLANT / O&M SITE PLAN

DRAWING NO. C-001 SHEET 01 OF 90	PROJECT BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROOME COUNTY, NEW YORK NOT FOR CONSTRUCTION	<div>FISHER ASSOCIATES WWW.FISHERASSOC.COM</div>	PROJECT NO. 175022 PROJECT MANAGER CS DRAWN BY DP/JR SCALE AS SHOWN ISSUE DATE 7/21018	COPYRIGHT © 2018 FISHER ASSOCIATES, P.E., U.S. L.A. D.P.C.		7	
				New York State Education Law Section this law for any person, unless he/she is a duly licensed professional engineer or land surveyor, to alter on item in any way. If an item bearing the seal of an the drafting engineer or land surveyor the notation "altered by" followed by one the original design and the name of each alteration, and a specific description of the alteration.		6	
						5	
						4	
						3	
						2	
						1	
		REV	DESCRIPTION	DATE	BY		

FILE NAME: H:\Projects\175022-00-Bluestone_Wind\Eng\CAD\CUT\175022 transportation plan.dwg
DATE/TIME: 8/30/2018 1:21:45 AM
USER: Doug Perrotto

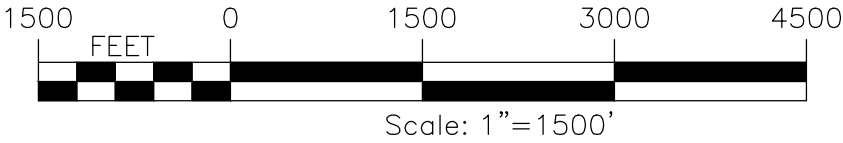


PROJECT BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROOME COUNTY, NEW YORK NOT FOR CONSTRUCTION		DRAWING NO. C-020		TITLE OF DRAWING TRANSPORTATION PLAN		DRAWN BY DP/JR SCALE AS SHOWN		ISSUE DATE 7/21/18		FA PROJECT NO. 175022 PROJECT MANAGER CS		COPYRIGHT © 2018 FISHER ASSOCIATES P.E., L.S., L.A., D.P.C. New York State Education Law, Section 1705(2) requires that all drawings created after July 1, 2018, be signed by a licensed professional engineer or land surveyor, to alter an item in any way. If an item bearing the seal of a professional engineer or land surveyor is altered in any way, the alteration shall be noted by the alteration, and a specific description of the alteration.		REV		DESCRIPTION		DATE		BY	
														7							
														6							
														5							
														4							
														3							
														2							
														1							

FILE NAME: H:\Projects\175022-00-Bluestone_Wind\Eng\CAD\CUT\175022 turbine coordinates.dwg
DATE/TIME: 8/30/2018 1:22:28 AM
USER: Doug Perrotto

Bluestone Turbine Coordinates				
Turbine Number	Easting *	Northing *	Ground Elevation	Top of Pedestal Elevation
T-1	1099448.06	771626.18	1828.69	1827.00
T-3	1102175.90	767202.40	1771.94	1769.00
T-4	1099919.37	768756.31	1850.36	1851.00
T-5	1097885.40	760468.87	1842.74	1842.50
T-6	1096397.51	760158.97	1840.16	1842.00
T-7	1096094.58	756797.78	1905.08	1905.00
T-10	1103917.91	757337.92	1719.84	1718.50
T-11	1106241.49	758755.20	1704.94	1706.00
T-13	1105985.08	768530.46	1834.94	1831.20
T-14	1111273.46	770332.03	1980.44	1974.50
T-15	1110935.98	767640.48	1922.02	1919.00
T-16	1112812.55	763804.88	1933.51	1932.00
T-19	1112315.16	766218.67	1829.73	1825.50
T-20	1115285.79	767490.61	1931.03	1930.50
T-21	1112202.36	768566.71	2007.02	2002.00
T-22	1114468.23	768765.91	2008.67	1999.00
T-23	1110814.32	771902.53	1910.68	1910.00
T-24	1117203.18	764427.90	1810.54	1805.50
T-25	1122713.70	762724.45	1787.11	1785.00
T-26	1123128.24	766351.19	1922.58	1917.00
T-27	1126765.40	772021.49	1979.4	1978.00
T-28	1106811.72	767116.03	1832.75	1836.00
T-29	1123930.85	771468.32	1874.29	1874.50
T-30	1128947.12	770660.65	1859.4	1857.50
T-31	1125897.54	768242.74	1945.98	1940.00
T-32	1126876.04	773532.31	1909.97	1912.50
T-33	1125021.18	766699.65	1819.6	1820.00
T-34	1127112.94	763494.74	1930.21	1928.00
T-35	1129535.94	760920.53	1840.5	1833.50
T-36	1104350.37	770917.44	1825.15	1825.00
T-37	1097692.30	755663.83	1808.41	1807.50
T-38	1108318.97	756585.06	1747.87	1736.00
T-40	1127119.46	765412.18	1922.79	1921.50

*COORDINATES BASED ON NAD83 NEW YORK STATE PLANES, CENTRAL ZONE, US FEET



PROJECT
BLUESTONE WIND FARM
TOWNS OF SANFORD AND WINDSOR
BROOME COUNTY, NEW YORK
NOT FOR CONSTRUCTION

TITLE OF DRAWING
TURBINE COORDINATES

DRAWING NO.
C-030

SHEET 04 OF 90

FISHER ASSOCIATES
WWW.FISHERASSOC.COM

FA PROJECT NO.
175022
PROJECT MANAGER
CS

DRAWN BY
DP/JR
SCALE
AS SHOWN

ISSUE DATE
7/21/18

COPYRIGHT © 2018
FISHER ASSOCIATES,
P.E., L.S., L.A., D.P.C.
New York State Education Law, Section
1705(2)(b) requires that the drafter of
this law for any person, unless they/she
is a duly licensed professional engineer or
surveyor, to alter on item in any way,
it can alter the seal of said
the drafter, engineer or land surveyor,
the notation "altered by" followed by the
alteration, and a specific description
of the alteration.

7

6

5

4

3

2

1

REV

DESCRIPTION

DATE

BY

FILE NAME: H:\Project
DATE/TIME: 8/30/201
USER: Doug Perrotto

- PROJECT COORDINATES ARE IN NAD83 NEW YORK STATE PLANES, CENTRAL ZONE - US FOOT.
2. THE MAJORITY OF THE PLANIMETRIC FEATURES, ORTHOPHOTOS, ELEVATIONS, AND CONTOURS WERE PREPARED BY TVGA CONSULTANTS FROM AERIAL PHOTO DATA GATHERED IN 2007. FISHER ASSOCIATES COMPLETED TOPOGRAPHIC SURVEY OF MISCELLANEOUS AREAS DURING 2015.
3. THE ELEVATIONS SHOWN ON THESE DRAWINGS ARE TO BE CONSIDERED GUIDANCE AND SHOULD BE ADJUSTED TO FIT ACTUAL FIELD CONDITIONS DURING CONSTRUCTION. THE CONTRACTOR SHALL USE JUDGEMENT WHEN ESTABLISHING CONSTRUCTION GRADES AND ELEVATIONS.
4. SURVEYED BOUNDARY LINES FOR PARTICIPATING PROPERTIES AND RIGHT-OF-WAY INFORMATION ARE PROVIDED BY FISHER ASSOCIATES, 2018. ADJACENT PARCEL BOUNDARIES AND RIGHT-OF-WAY ARE ASSUMED AND APPROXIMATE AS PROVIDED BY BROOME COUNTY.
5. FROM THE CONTROL POINTS AND BENCHMARKS PROVIDED BY THE OWNER'S ENGINEER, THE CONTRACTOR SHALL SUPPLY ALL CONSTRUCTION SURVEYING AND STAKING REQUIRED TO BUILD THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR EXTRACTING STAKING COORDINATES FROM THE CONSTRUCTION DRAWINGS PROVIDED BY THE OWNER'S ENGINEER. ELECTRONIC COPIES OF THE CONSTRUCTION DRAWINGS WILL BE PROVIDED TO THE CONTRACTOR IF REQUESTED. ALL STAKEOUT SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION.
6. ALL MATERIALS AND SOILS SHALL BE DISPOSED OF IN PERMITTED DISPOSAL SITES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ADDITIONAL NYSDOC PERMITTED DISPOSAL SITES.
7. THE CONTRACTOR SHALL APPLY FOR AND SECURE PERMITS FROM THE STATE AS NECESSARY BEFORE DRIVING CONSTRUCTION EQUIPMENT OVER AND ACROSS THE STATE HIGHWAYS AND ROADS.
8. MATERIALS USED SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION (NYSDOT) "STANDARD SPECIFICATIONS AND DETAILS".
9. WORK WITHIN A STATE RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NEW YORK DEPARTMENT OF TRANSPORTATION (NYSDOT) "STANDARD SPECIFICATIONS AND DETAILS" AND "NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
10. ALL WORK PERFORMED WITHIN A STATE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE PERMIT ISSUED BY THE NEW YORK DEPARTMENT OF TRANSPORTATION ON FILE WITH THE OWNER'S ENGINEER AND PROVIDED TO THE CONTRACTOR. THE CONTRACTOR SHALL OBTAIN AND PROVIDE AN INDIVIDUAL HIGHWAY PERMIT BOND BEFORE BEGINNING WORK ON STATE RIGHT-OF-WAY.
11. SOIL DISTURBANCE LIMITS ARE SHOWN ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL KEEP ALL EARTHWORK ACTIVITY WITHIN THESE LIMITS. OTHER CONSTRUCTION ACTIVITY INCLUDING GRADING, EROSION CONTROL MEASURES, EROSION CONTROL MEASURES, AND TREE TRIMMING ARE RESTRICTED TO WITHIN THE CONSTRUCTION EASEMENTS ON LEASED PROPERTIES ONLY.
12. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS SOIL RESULTING FROM THE CONSTRUCTION OF THE ROADS OR TURBINE FOUNDATIONS IN AN APPROVED MANNER. NO TOPSOIL WILL BE ALLOWED TO LEAVE THE PROPERTY FROM WHICH IT WAS DUG. EXCESS TOPSOIL SHALL BE DISTRIBUTED INTO A THIN LAYER ON LAND IMMEDIATELY ADJACENT TO WHERE THE TOPSOIL ORIGINATED. WHILE DOING SO THE CONTRACTOR SHALL AVOID CAUSING RIDGES OR MOUNDS THAT WOULD MAKE IT DIFFICULT TO CULTIVATE THE PROPERTY OR THAT WOULD CAUSE RAINWATER TO POND. THE FINAL SURFACE OF THE DISTRIBUTED TOPSOIL SHALL BE SMOOTH AND FOLLOW THE NATURAL CONTOUR OF THE LAND. ALL OTHER SOIL THAT WOULD NOT BE CLASSIFIED AS TOPSOIL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT A DISPOSAL SITE ARRANGED FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL OBSERVE ALL APPLICABLE EPA AND NYSDOC RULES AND REGULATIONS DURING THE HANDLING AND DISPOSAL OPERATION.
13. THE FINISHED SURFACE OF CRANE PAD SHALL NOT SLOPE MORE THAN 1% IN ANY DIRECTION. THE CRANE PAD SHALL BE CONSTRUCTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
14. THE CONTRACTOR SHALL POOL ROLL THE SUBGRADE PRIOR TO ANY AGGREGATE MATERIALS BEING PLACED. THE POOL ROLL OPERATIONS SHOULD COMPLY WITH THE GEOTECHNICAL ENGINEER RECOMMENDATIONS. THE CRANE PAD SHALL BE FINISHED CRANE PAD SURFACE. IS PROOF ROLLED AND THE WTG ERECTION CRANE IS TO BE USED ON THE CRANE PAD, THE CRANE PAD SURFACE SHALL BE POOL ROLLED AGAIN TO SHOW THAT RAIN HAS NOT WEAKENED IT.
15. OVER LEGAL WEIGHT VEHICLES SHALL FOLLOW THE DESIGNATED DELIVERY ROUTE ONLY.
16. PERMANENT PIPE CULVERTS SHALL BE SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE. TEMPORARY PIPE CULVERT EXTENSION MATERIALS SHALL BE DETERMINED BY THE CONTRACTOR. TEMPORARY CULVERTS SHALL BE CHOSEN BASED ON ANTICIPATED EXPOSURE TO OVERWEIGHT CONSTRUCTION TRAFFIC.
17. CONTRACTOR SHALL FIELD VERIFY THE LENGTHS OF ALL PIPE CULVERTS TO BE REMOVED AND INSTALLED PRIOR TO ORDERING THE PIPE.
18. CULVERT INVERTS SHALL BE DETERMINED DURING INSTALLATION TO PROVIDE POSITIVE FLOW IN THE DIRECTION OF EXISTING SLOPES. CONTRACTOR TO INSTALL AT ADEQUATE DEPTHS AND DAYLIGHT TO DRAIN.
19. THE CONTRACTOR SHALL HAVE THE RESPONSIBILITY BEFORE ANY CONSTRUCTION WORK HAS BEGUN OF OBTAINING FROM ALL UTILITIES THE EXACT LOCATION OF ANY UNDERGROUND FACILITIES IN THE AREA OF CONSTRUCTION, WHETHER INDICATED ON THE PLANS OR NOT. WHENEVER A QUESTION ARISES REGARDING THE EXISTENCE OR LOCATION OF A BURIED UTILITY, CALL THE TOLL FREE TELEPHONE NUMBER, 1-800-632-4949, BEFORE STARTING EXCAVATION. ALLOW 48 HOURS FOR OTHER THAN EMERGENCY ASSISTANCE.
20. ANY FACILITIES DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AT CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COORDINATE WITH THE PROPER UTILITY FOR THE RELOCATION OF ANY FACILITY DESIGNATED ON THE PLANS OR DEEMED NECESSARY TO BE RELOCATED IN ORDER TO COMPLETE CONSTRUCTION OF THE PROJECT.
21. RESIDENTS SHALL BE NOTIFIED OF IMPENDING SERVICE OUTAGES AND NO RESIDENCE SHALL BE WITHOUT SERVICE OVERNIGHT DUE TO CONSTRUCTION ACTIVITIES.
22. ALL ROADS SHALL REMAIN OPEN TO THROUGH TRAFFIC DURING CONSTRUCTION ON THE PRIVATE SITES.
23. THE CONTRACTOR SHALL BE REQUIRED TO RELOCATE OR TO REMOVE AND RE-INSTALL ALL ROAD SIGNS WHICH INTERFERE WITH CONSTRUCTION OPERATIONS AND TO TEMPORARILY RESET ALL SUCH SIGNS DURING CONSTRUCTION.
24. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
 - * SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK DEMANDS.
 - * TEMPORARY SIGNS REMOVED MUST BE RE-ERECTED AT A TEMPORARY LOCATION IN A WORKMANLIKE MANNER AND BE VISIBLE TO HIGHWAY TRAFFIC.
 - * ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT FOR THE DURATION OF THE TEMPORARY SETTING.
 - * THE LATEST EDITION OF THE NATIONAL "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
25. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. ALL OTHER EXISTING ROW MARKERS AND/OR PROPERTY MARKERS SHALL BE MAINTAINED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH NEW YORK LAW.
26. A CONCRETE WASH OUT AREA SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAILS AT EACH TURBINE LOCATION.
27. ALL DEBRIS SHALL BE DISPOSED OF OFF-SITE AT LOCATIONS PROVIDED BY THE CONTRACTOR.
28. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE FROM ACCESS ROADS, EXCAVATIONS AND STAGING AREAS AROUND THE TURBINE SITES.
29. THE INTENT OF THE PLANS IS TO LOCATE THE ACCESS ROADS ALONG THE EDGE OF FIELDS AND TOP OF BANKS.
30. CONTRACTOR IS RESPONSIBLE FOR ALL TURNAROUNDS AND CRANE BUILD AREAS. THEIR LOCATIONS ON THE PLANS ARE APPROVED LOCATIONS, SHOULD THE CONTRACTOR DESIRE TO CONSTRUCT THEM.
31. DEWATERING OPERATIONS ARE EXPECTED THROUGHOUT CONSTRUCTION AND SHALL BE PERFORMED IN ACCORDANCE WITH THE DETAILS.
32. REFER TO ELECTRICAL PLANS FOR ELECTRICAL SYSTEM SPECIFIC DETAILS. ANY CONFLICTS BETWEEN PLAN SETS SHOULD BE RESOLVED BY THE OWNER.
33. THIS PROJECT IS SUBJECT TO THE NEW YORK STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES. ALL CONSTRUCTION SHALL COMPLY TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) STORMWATER MANAGEMENT DESIGN MANUAL.
34. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE NYSDOC STANDARD SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL". UPON COMPLETION OF THE PROJECT, ALL MATERIALS USED FOR TEMPORARY EROSION CONTROL SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR.

- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT AND SHALL NOT BLOCK NATURAL OR MANMADE CREEKS OR DRAINAGE SWALES CAUSING RAINWATER TO POND. ALL DRAINAGE PATTERNS MUST BE CONTAINED TO THE EXISTING PARCELS. CONTRACTOR CANNOT SHIFT DRAINAGE PATTERNS ONTO OTHER PARCELS. ALL ROADSIDE DITCHES WITHIN THE CONSTRUCTION LIMITS ARE TO BE CLEANED, HAVE SILT REMOVED AND BE GRADED TO DRAIN AS NEEDED.
36. THE CONTRACTOR SHALL KEEP ALL PERSONNEL AND EQUIPMENT ON THE ROADS DESIGNATED FOR USE DURING CONSTRUCTION SHOWN IN THE TRANSPORTATION ROUTE PLAN. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE POSTING OF ANY ROADS AND/OR BRIDGES OVER WHICH THEY MIGHT BE HAULING MATERIALS.
37. ALL OPEN EXCAVATIONS LEFT OVERNIGHT THROUGHOUT THE PROJECT SHALL BE PROTECTED BY FENCES AND BARRICADES 4 FEET OR TALLER.
38. ALL DISTRIBUTION AND GAS WELL LINE CROSSING SHALL BE MATTED. GAS TRANSMISSION LINES SHALL REQUIRE A TIMBER AIR BRIDGE.
39. ALL ELECTRIC COLLECTION LINES SHALL MAINTAIN A MINIMUM 24 INCH VERTICAL SEPARATION BETWEEN EXISTING DISTRIBUTION AND GAS WELL LINES.
40. INVASIVE PLANT SPECIES ARE FOUND THROUGHOUT THE PROJECT LIMITS. REFER TO THE INVASIVE SPECIES CONTROL PLAN PREPARED BY ENVIRONMENTAL DESIGN & RESEARCH (EDR).
- STORM WATER POLLUTION PREVENTION PLAN (SWPPP) CONSTRUCTION NOTES:**
1. PRIOR TO ANY DISTURBANCE, THE CONTRACTOR SHALL ENSURE THAT THE NOTICE OF INTENT (NOI) PREPARED BY THE OWNER HAS BEEN SUBMITTED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) AND THAT THE APPROPRIATE LETTER OF ACKNOWLEDGEMENT CONTAINING A SPDES PERMIT IDENTIFICATION NUMBER HAS BEEN OBTAINED. COPIES OF ALL DOCUMENTS ARE TO BE MAINTAINED AT THE PROJECT SITE PRIOR TO ANY DISTURBANCE INCLUDING A COPY OF THE SWPPP. THE CONTRACTOR SHALL ENSURE THAT A PRE-CONSTRUCTION MEETING IS HELD TO ESTABLISH AN APPROVED SEQUENCE OF ACTIVITIES IN ACCORDANCE WITH THE SWPPP AND IDENTIFYING DOCUMENTATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE IDENTIFIED SEQUENCE OF ACTIVITIES IS FOLLOWED PRECISELY.
2. ALL CONTRACTORS AND SUBCONTRACTORS SHALL CERTIFY THAT THEY UNDERSTAND AND AGREE TO COMPLY WITH THE CONDITIONS OF THE SWPPP PRIOR TO COMMENCEMENT OF ANY DISTURBANCE. THE SWPPP REPORT CONTAINS THE CONTRACTOR AND SUBCONTRACTOR CERTIFICATION FORM THAT SHALL BE USED.
3. STORM WATER DISCHARGES AUTHORIZED BY THE PERMIT SHALL NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF WATER QUALITY STANDARDS INCLUDING BUT NOT LIMITED TO THESE PROVISIONS:
- A. THERE SHALL BE NO INCREASE IN TURBIDITY THAT WILL CAUSE A SUBSTANTIAL VISIBLE CONTRAST TO NATURAL CONDITIONS.
- B. THERE SHALL BE NO SUSPENDED OR SETTLEABLE SOLIDS THAT WILL CAUSE DEPOSITION OR IMPAIR THE RECEIVING WATERS FOR THEIR BEST USES.
- C. THERE SHALL BE NO DISCHARGE OF RESIDUES FROM PETROLEUM PRODUCTS, CHEMICAL PRODUCTS, OR FLOATING SUBSTANCES.
4. THE CONTRACTOR SHALL INSTALL A RAIN GAUGE ON-SITE, ACCURATELY RECORD ITS MEASUREMENT EVERY MORNING DURING CONSTRUCTION AND MAINTAIN A LOG ONLINE.
5. EARTH WORK SHALL BE PERFORMED ONLY WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE EXISTING WEATHER CONDITIONS AND THE WEATHER FORECAST TO DETERMINE IF THE CONDITIONS AT HAND ARE SUITABLE PRIOR TO THE COMMENCEMENT OF WORK EACH DAY. NO EARTHWORK SHALL BE PERMITTED DURING PERIODS OF HEAVY PRECIPITATION.
6. CLEARING AND GRADING SHALL BE PERFORMED TO MINIMIZE DISTURBANCE OF GROUND COVER, ONLY THE SMALLEST AREA THAT IS PRACTICAL SHALL BE DISTURBED AT ANY ONE TIME. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE NYSDEC IF MORE THAN 5 ACRES OF DISTURBANCE AT ANY GIVEN TIME IS REQUIRED.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING DUST ORIGINATING FROM ITS CONSTRUCTION OPERATIONS TO THE SATISFACTION OF THE OWNER AND SWPPP PROFESSIONAL. THE CONTRACTOR SHALL SUPPLY THE NECESSARY EQUIPMENT AND MATERIALS TO ACCOMPLISH ADEQUATE DUST CONTROL.
8. THESE PLANS, THE SWPPP NOI AND SUPPORTING DOCUMENTS PREPARED BY THE OWNER AND INCORPORATED HEREIN, THE SPDES PERMIT, AND THE "NEW YORK STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" ARE THE MINIMUM ANTICIPATED EROSION AND SEDIMENT CONTROL MEASURES REQUIRED FOR THE DEVELOPMENT AS PROPOSED. ADDITIONAL MEASURES DEEMED NECESSARY DURING CONSTRUCTION BY THE NYSDEC, MUNICIPALITIES, OR THE QUALIFIED PROFESSIONAL, SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR.
9. IN AREAS WHERE FINAL GRADING CREATES RUN-OUT CONCENTRATIONS THAT RETARD SLOPE STABILIZATION, "JUTE-MESH", SOD, OR ENERGY DISSIPATION, AS APPROVED BY THE QUALIFIED PROFESSIONAL, SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR TO ACHIEVE FINAL STABILIZATION.
10. ALL DISTURBED AREAS SHALL BE STABILIZED WITH EITHER TEMPORARY OR PERMANENT SEED MIXES AND MULCHED, AS SOON AS CONSTRUCTION PRACTICES AND WEATHER PERMITS. DISTURBED AREAS INCLUDING TOPSOIL STOCKPILES, SHALL NOT REMAIN UNSTABLE FOR MORE THAN 14 CONSECUTIVE DAYS AFTER CONSTRUCTION DISTURBANCE ACTIVITIES IN THE AREA HAVE TEMPORARILY OR PERMANENTLY CEASED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE STORM WATER CONTROL DEVICES REMAIN IN PLACE AND FUNCTIONAL BY CLEANING, REPAIRING, AND, OR REPLACING THEM WHENEVER NECESSARY, AS DIRECTED BY THE QUALIFIED PROFESSIONAL, UNTIL FINAL STABILIZATION IS ACHIEVED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL EROSION AND SEDIMENT CONTROL DEVICES WHEN SPECIFIED BY THE QUALIFIED PROFESSIONAL.
13. FINAL STABILIZATION SHALL MEAN THAT ALL SOIL-DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED, A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 80 PERCENT HAS BEEN ESTABLISHED OR EQUIVALENT STABILIZATION MEASURES HAVE BEEN EMPLOYED ON ALL PVIOUS AREAS, AND ALL IMPERVIOUS COVER HAS BEEN INSTALLED.
14. THE CONTRACTOR SHALL NOTIFY THE OWNER WHEN CONSTRUCTION IS COMPLETE AND WHEN FINAL STABILIZATION OF THE AREAS TO BE DISTURBED IS COMPLETE. UPON RECEIPT OF SUCH NOTIFICATION, THE QUALIFIED PROFESSIONAL SHALL PREPARE A NOTICE OF TERMINATION (NOT), APPROVED BY THE OWNER/OPERATOR, FOR SUBMITTAL TO THE NYSDEC.
- N.Y.S.D.O.T. STANDARD GENERAL PLAN NOTES**
1. ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
2. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
3. MATERIALS, EQUIPMENT, AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
4. WORK ZONE TRAFFIC CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE MOST RECENT NYS DOT STANDARD SPECIFICATIONS – SECTION 619 WORK ZONE TRAFFIC CONTROL, THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS 2009 EDITION AND THE NEW YORK STATE SUPPLEMENT.
5. NOTIFY NEW YORK STATE DEPARTMENT OF TRANSPORTATION RESIDENT ENGINEER, ERIC MEKA, ONE (1) WEEK PRIOR TO WORKING IN THE RIGHT-OF-WAY (TELEPHONE NUMBER: (716) 753-2821).
6. NOTIFY DIO SAFELY NEW YORK TWO (2) WORKING DAYS PRIOR TO DIGGING, DRILLING, OR BLASTING AT 1-800-962-7962 FOR UTILITY STAKE-OUT.
7. ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE LATEST NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND THE CURRENT ADDENDA, ALONG WITH ANY APPROPRIATE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SHEETS.
8. ALL TRAFFIC CONTROL DEVICES MUST CONFORM TO THE NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR STREETS AND HIGHWAYS AND THE NEW YORK STATE SUPPLEMENT.

NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS GUIDELINES FOR AGRICULTURAL MITIGATION FOR WIND POWER PROJECTS

THE FOLLOWING GUIDELINES SHALL APPLY TO CONSTRUCTION AREAS FOR WIND POWER CONSTRUCTION PROJECTS IMPACTING AGRICULTURAL LAND. THE PROJECT SPONSOR SHALL COORDINATE WITH THE NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS (AG AND MARKETS) TO DEVELOP AN APPROPRIATE SCHEDULE FOR INSPECTIONS TO ASSURE THAT THE GOALS OF THESE GUIDELINES WILL BE MAINTAINED. THE PROJECT SPONSOR SHALL EMPLOY AN ENVIRONMENTAL MONITOR TO OVERSEE THE CONSTRUCTION AND RESTORATION IN AGRICULTURAL FIELDS. THE ENVIRONMENTAL MONITOR SHALL BE ON SITE WHENEVER CONSTRUCTION OR RESTORATION WORK IS OCCURRING ON AGRICULTURAL LAND. THE ENVIRONMENTAL MONITOR SHALL MAINTAIN REGULAR CONTACT WITH THE AFFECTED FARMERS AND AG AND MARKETS CONCERNING FARM RESOURCES AND MANAGEMENT MATTERS PERTINENT TO THE AGRICULTURAL LANDS AND THE SITE SPECIFIC IMPLEMENTATION OF THE CONSTRUCTION AND RESTORATION GUIDELINES.

G. GOALS

MINIMIZE IMPACTS TO NORMAL FARMING OPERATIONS BY LOCATING STRUCTURES ALONG FIELD EDGES AND IN NONAGRICULTURAL AREAS WHERE POSSIBLE. AVOID DIVIDING LARGER FIELDS INTO SMALLER FIELDS, WHICH ARE MORE DIFFICULT TO FARM, BY LOCATING ACCESS ROADS ALONG THE EDGE OF AGRICULTURAL FIELDS (HEDGEROWS AND FIELD BOUNDARIES) AND IN NONAGRICULTURAL AREAS WHERE POSSIBLE. LOCATE ACCESS ROADS, WHICH CROSS AGRICULTURAL FIELDS, ALONG RIDEWAYS AND FOLLOWING FIELD CONTOURS, WHERE POSSIBLE. LOCATE ACCESS ROADS ALONG CUT AND FILL AREAS, WHERE POSSIBLE. THE PERMANENT WIDTH OF ACCESS ROADS IN AGRICULTURAL FIELDS SHOULD BE NO MORE THAN 16 FEET TO MINIMIZE THE LOSS OF AGRICULTURAL LAND. ALL EXISTING DRAINAGE AND EROSION CONTROL STRUCTURES SUCH AS DIMENSIONS, DITCHES, AND TILE LINES SHALL BE AVOIDED WHERE APPROPRIATE MEASURES TAKEN TO MAINTAIN THE DESIGN AND EFFECTIVENESS OF THE EXISTING STRUCTURES. ANY STRUCTURES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE ORIGINAL CONDITION, IF POSSIBLE, AS SOON AS POSSIBLE, UNLESS SUCH STRUCTURES ARE TO BE ELIMINATED BASED ON A NEW DESIGN.

CONSTRUCTION REQUIREMENTS

THE SURFACE OF ACCESS ROADS CONSTRUCTED THROUGH AGRICULTURAL FIELDS SHALL BE LEVEL WITH THE ADJACENT FIELD SURFACE. CURLEUTS AND WATERBARS SHALL BE INSTALLED TO MAINTAIN NATURAL DRAINAGE PATTERNS. ALL TOPSOIL MUST BE STRIPPED FROM AGRICULTURAL AREAS USED FOR VEHICLE AND EQUIPMENT TRAFFIC AND PARKING. ALL VEHICLE AND EQUIPMENT TRAFFIC AND PARKING AREAS SHALL BE ACCESSIBLE AND TRAVELABLE FROM ALL AREAS OF THE PROJECT. TOPSOIL STRIPPED FROM THESE AREAS OR EQUIPMENT WILL BE ALLOWED UNDER THE WORK AREA WITHOUT PRIOR APPROVAL FROM THE LANDOWNER AND, WHEN APPLICABLE, THE ENVIRONMENTAL MONITOR. THE AREA OF IMPACT FROM THE INSTALLATION OF ELECTRIC CABLES CAN VARY DEPENDING ON THE INSTALLATION METHOD AND NUMBER OF CABLES. WHEN 3 OR MORE CABLES ARE INSTALLED IN THE SAME AREA OR IF AN OPEN TRENCH IS USED, THE AREA OF IMPACT WILL BE GREATER THAN THAT OF A SINGLE CABLE. THE AREA OF IMPACT WILL BE DETERMINED BY THE WORK SPACE MAY BE REQUIRED. TOPSOIL STRIPPED FROM WORK AREAS (TOWER SITES, PARKING AREAS, ELECTRIC CABLE TRENCHES, ALONG ACCESS ROADS) SHALL BE STOCKPILED SEPARATE FROM OTHER EXCAVATED MATERIAL (ROCK AND/OR SUBSOIL). AT LEAST 50 FEET OF TEMPORARY WORKSPACE IS NEEDED ALONG "OPEN-CUT" ELECTRIC CABLE TRENCHES FOR PROPER TOPSOIL SEGREGATION. ALL TOPSOIL WILL BE STOCKPILED IMMEDIATELY ADJACENT TO THE AREA WHERE STRIPPED/REMOVED AND SHALL BE USED FOR RESTORATION ON THAT PARTICULAR SITE. TOPSOIL STOCKPILE AREAS SHALL BE CLEARLY DESIGNATED IN THE FIELD AND ON THE ON-SITE "WORKING PLAN" AND SHALL BE PROTECTED FROM FURTHER DISTURBANCE BY THE CONSTRUCTION OF A PERMANENT FENCE. TO PREVENT LONG TERM INTERFERENCE WITH AGRICULTURAL LAND USE, AS A RESULT, INTERCONNECT CABLES SHALL BE BURIED IN AGRICULTURAL FIELDS WHEREVER PRACTICABLE. INTERCONNECT CABLES AND TRANSMISSION LINES INSTALLED ABOVE GROUND SHOULD BE LOCATED OUTSIDE FIELD BOUNDARIES WHEREVER POSSIBLE. WHEN ABOVE GROUND CABLES AND TRANSMISSION LINES MUST CROSS FARMLAND, THE CABLES AND TRANSMISSION LINES SHOULD BE INSTALLED IN THE CENTER OF THE FIELD. CABLES AND TRANSMISSION LINES SHOULD BE LOCATED AT LEAST 10 FEET FROM THE FIELD BOUNDARY AND SHALL LOCATE POLES ON FIELD EDGES TO THE GREATEST EXTENT PRACTICABLE. THE LINE LOCATION AND POLE PLACEMENTS SHALL BE REVIEWED WITH THE DEPARTMENT AND THE ENVIRONMENTAL MONITOR PRIOR TO FINAL DESIGN. IN CROPLAND, HAYLAND AND IMPROVED PASTURE A MINIMUM DEPTH OF FORTY-EIGHT INCHES OF COVER WILL BE REQUIRED FOR ALL BURIED ELECTRIC CABLES. IN PASTURE AND CROPLAND, THE DEPTH OF COVER WILL BE DETERMINED BY THE DEPARTMENT AND THE ENVIRONMENTAL MONITOR. IN WOODLAND SHALL BE REQUIRED. IN AREAS WHERE THE DEPTH OF SOIL OVER BEDROCK RANGES FROM ZERO TO FORTY-EIGHT INCHES, THE ELECTRIC CABLES SHALL BE BURIED ENTIRELY BELOW THE TOP OF THE BEDROCK OR AT THE DEPTH SPECIFIED FOR THE PARTICULAR LAND USE WHEREVER IS LESS. AT NO TIME WILL THE DEPTH OF COVER BE LESS THAN TWENTY-FOUR INCHES BELOW THE SOIL SURFACE. FOR AREAS WHERE BURIED CABLES ARE REQUIRED, THE DEPARTMENT AND THE ENVIRONMENTAL MONITOR SHALL DETERMINE THE DEPTH OF COVER. THE NATURAL STRATIFICATION OF SOIL HORIZONS AND NATURAL SOIL DRAINAGE PATTERNS OF THE PROJECT SITES SHALL BE IDENTIFIED BY THE EFFECTS WITH MEASURES SUCH AS SUBSURFACE INTERCEPT DRAIN LINES. THE ENVIRONMENTAL MONITOR, IN CONSULTATION WITH AG, AND MARKETS STAFF, SHALL SELECT THE TYPE OF INTERCEPT DRAIN LINES TO INSTALL TO PREVENT SURFACE SEEPS AND THE SEASONALLY SATURATED SATURATION OF THE CABLE INSTALLATION ZONE AND ADJACENT AREAS. DRAWINGS OF SUCH DRAIN LOCATIONS SHALL BE PROVIDED BY THE ENVIRONMENTAL MONITOR DURING CONSTRUCTION. FOLLOW-UP REMEDIATION DRAIN LINES SHALL BE INSTALLED ACCORDING TO NATURAL RESOURCE CONSERVATION SERVICE STANDARDS AND SPECIFICATIONS AND SHALL MEET OR EXCEED THE ASHMO M252 SPECIFICATIONS. ALL EXCESS SUBSOIL AND ROCK SHALL BE REMOVED FROM THE SITE. ON-SITE DISPOSAL OF EXCESS MATERIAL MAY BE ALLOWED IF APPROVED BY THE LANDOWNER AND THE ENVIRONMENTAL MONITOR, WITH APPROPRIATE CONSIDERATION TO THE GRASSLAND AND CROPLAND. EXCESS MATERIAL SHALL BE STOCKPILED IN A FENCED AREA TO PREVENT LIVESTOCK ACCESS, CONSISTENT WITH LANDOWNER AGREEMENTS. ALL PIECES OF WIRE, BOLTS, AND OTHER UNUSED METAL OBJECTS WILL BE PICKED UP AND PROPERLY DISPOSED OF AS SOON AS PRACTICAL AFTER THE UNLOADING AND BAKING OF TURBINE COMPONENTS SO THAT THESE OBJECTS WILL NOT BE MIXED WITH ANY TOPSOIL. EXCESS CONCRETE WILL NOT BE BURIED OR LEFT ON-SITE. EXCESS CONCRETE SHALL BE STOCKPILED IN A FENCED AREA AND SHALL BE REMOVED FROM THE SITE AS SOON AS PRACTICAL. (*ANY PERMITS NECESSARY FOR DISPOSAL UNDER LOCAL, STATE AND/OR FEDERAL LAWS AND REGULATIONS MUST BE OBTAINED BY THE CONTRACTOR, WITH THE COOPERATION OF THE LANDOWNER WHEN REQUIRED.)

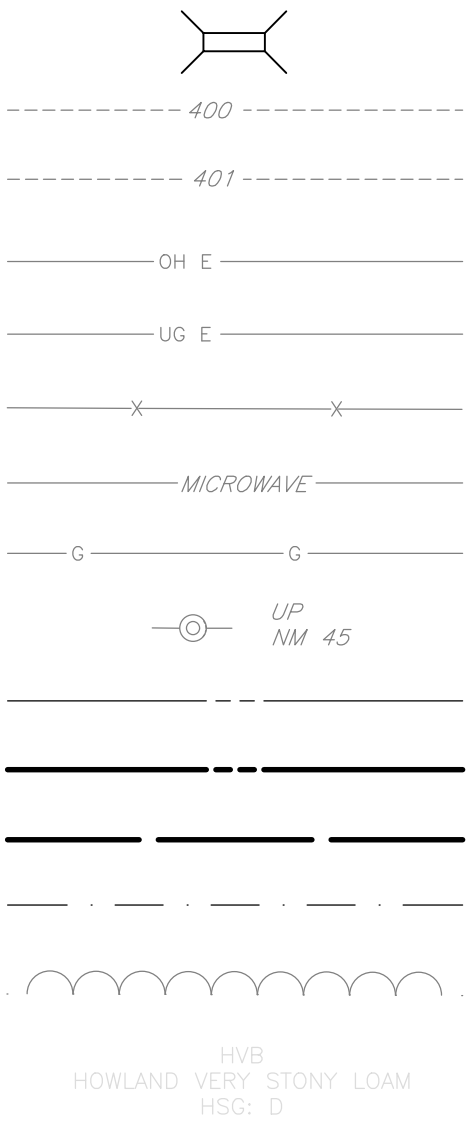
RESTORATION REQUIREMENTS

FOLLOWING CONSTRUCTION, ALL DISTURBED AGRICULTURAL AREAS WILL BE DECOMPACTED TO A DEPTH OF 18 INCHES WITH A DEEP ROLLER OR HEAVY-DUTY CHISEL PLOW. SOIL COMPACTION RESULTS SHALL BE NO MORE THAN 250 POUNDS PER SQUARE INCH (PSI) AS MEASURED WITH A SOIL PENETROMETER. IN AREAS WHERE THE TOPSOIL WAS STRIPPED, SOIL DECOMPACTION SHALL BE CONDUCTED UNTIL PLANT ROOTS DETERMINED BY VISUAL INSPECTION REACH THE SUBSURFACE OF THE TOPSOIL. IF THERE IS EROSION ON THE SURFACE OF THE SUBSOIL PRIOR TO REPLACEMENT OF THE TOPSOIL, THE TOPSOIL WILL BE REPLACED TO ORIGINAL DEPTH AND THE ORIGINAL CONDITIONS WILL BE REESTABLISHED WHERE POSSIBLE. ALL ROCKS 4 INCHES AND LARGER SHALL BE REMOVED FROM THE SURFACE OF THE TOPSOIL. SUBSOIL DECOMPACTION AND TOPSOIL REPLACEMENT SHOULD BE AVOIDED AFTER OCTOBER 1, UNLESS THERE IS AN ONSITE EROSION CONTROL MEASURE IN PLACE THAT PREVENTS EROSION. RESTORATION SHALL BE INITIATED WITH SEEDING BE COGNIZANT THAT AREAS RESTORED AFTER OCTOBER 1ST MAY NOT OBTAIN SUFFICIENT GROWTH TO PREVENT EROSION OVER THE WINTER MONTHS. IF AREAS ARE TO BE RESTORED AFTER OCTOBER 1ST , NECESSARY PROVISION SHOULD BE MADE TO RESTORE ANY ERODED AREAS IN THE SPRINGTIME, TO ESTABLISH PROPER GROWTH. ALL ACCESS ROADS WILL BE REGRADED TO ALLOW FOR FARM TRAFFIC AND TO PREVENT EROSION. ALL EXISTING ROADWAYS SHALL BE MAINTAINED TO PREVENT EROSION. ALL RESTORATION SHALL BE TO THE DESIGN. ALL RESTORED AGRICULTURAL AREAS SHALL BE SEEDED WITH THE SEED MIX SPECIFIED BY THE LANDOWNER, IN ORDER TO MAINTAIN CONSISTENCY WITH THE SURROUNDING AREAS. ALL SURFACE OR SUBSURFACE DRAINAGE STRUCTURES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO AS CLOSE TO PRECONSTRUCTION CONDITIONS AS POSSIBLE, UNLESS SAID STRUCTURES ARE TO BE REPLACED WITH DIFFERENT TYPES OF DRAINAGE STRUCTURES. ALL DAMAGE TO THE SURFACE OF THE SUBSOIL DUE TO CONSTRUCTION SHALL BE REPAIRED TO PREEXISTING CONDITIONS. THE EFFECT OF THE WIND ENERGY PROJECT WILL BE CORRECTED WITH THE APPROPRIATE MITIGATION AS DETERMINED BY THE ENVIRONMENTAL MONITOR, THE DEPARTMENT AND THE LANDOWNER. ON AFFECTED FARMLAND, ANY RESTORATION PRACTICES SHALL BE POSTPONED UNTIL FAVORABLE (WETTER, RELATIVELY DRY) TOPSOIL/SUBSOIL CONDITIONS EXIST. RESTORATION SHALL NOT BE CONDUCTED WHILE SOILS ARE IN A WET OR HYDROLOGIC STATE. STOCKPILED TOPSOIL SHALL NOT BE REGRADED AND SUBSOIL SHALL NOT BE DECOMPACTION UNTIL PLANT ROOTS DETERMINED BY VISUAL INSPECTION REACH THE SUBSURFACE OF THE TOPSOIL. RESTORATION SHALL BE INITIATED WHEN IT OCCURS IN AGRICULTURAL FIELDS BETWEEN THE MONTHS OF OCTOBER THROUGH MAY UNLESS FAVORABLE SOIL MOISTURE CONDITIONS EXIST. THE ENVIRONMENTAL MONITOR SHALL ADVISE AG & MARKETS REGARDING TENTATIVE RESTORATION PLANNING. POTENTIAL RESTORATION SCHEDULES WILL BE DETERMINED BY CONDUCTING THE ATTERBERG FIELD TEST AND APPROPRIATE DEPTHS INTO THE TOPSOIL, STOCKPILES, AND SUBSOIL TO DETERMINE THE CURRENT MOISTURE CONTENT OF THE FIELD AND SUBSOIL. THE RESTORATION PHASE OF THE PROJECT, FOLLOWING RESTORATION, ALL CONSTRUCTION DEBRIS WILL BE REMOVED FROM THE SITE.

TWO YEAR MONITORING AND REMEDIATION

THE PROJECT SPONSOR WILL PROVIDE A MONITORING AND REMEDIATION PERIOD OF NO LESS THAN TWO YEARS IMMEDIATELY FOLLOWING THE COMPLETION OF INITIAL RESTORATION. THE TWO YEAR PERIOD ALLOWS FOR THE EFFECTS OF CLIMATIC CYCLES SUCH AS FROST ACTION, PRECIPITATION AND GROWING SEASONS TO OCCUR, FROM WHICH VARIOUS MONITORING DETERMINATIONS CAN BE MADE. THE MONITORING OF ALL AGRICULTURAL AREAS IMPACTED BY CONSTRUCTION AND THROUGH CONTACT WITH RESPECTIVE FARMLAND OPERATORS AND ADJACENT AREAS OF AGRICULTURE AND MARKETS, TOPSOIL DEFICIENCY AND TRENCH SETTLING SHALL BE MITIGATED WITH IMPORTED TOPSOIL THAT IS CONSISTENT WITH THE QUALITY OF TOPSOIL ON THE AFFECTED SITE. EXCESSIVE AMOUNTS OF ROCK AND OVERSIZED STONE MATERIAL WILL BE DETERMINED BY A VISUAL INSPECTION OF DISTURBED AREAS AS COMPARED TO PORTIONS OF THE SAME FIELD LOCATED OUTSIDE THE CONSTRUCTION AREA. ALL EXCESS ROCKS AND LARGE STONES WILL BE REMOVED AND DISPOSED OF OFF SITE. THE PROJECT SPONSOR SHALL SUBMIT A REMEDIATION PLAN TO THE SUBCOMMITTEE FOR REVIEW AND APPROVAL. IF THE ADJACENT UNAFFECTED AGRICULTURAL LAND, THE PROJECT SPONSOR AS WELL AS OTHER APPROPRIATE PARTIES, WILL HELP TO DETERMINE THE APPROPRIATE REHABILITATION MEASURES TO BE IMPLEMENTED. BECAUSE CONDITIONS WHICH REQUIRE REMEDIATION MAY NOT BE NOTICEABLE AT OR SHORTLY AFTER THE COMPLETION OF CONSTRUCTION, THE SIGNING OF A RELEASE FORM PRIOR TO THE END OF THE REMEDIATION PERIOD WILL NOT OBTAIN THE PROJECT SPONSOR'S RESPONSIBILITY TO FULLY REDRESS ALL PROJECT IMPACTS. SUBSOIL COMPACTION TESTS WILL BE MADE FOR EACH SOIL TYPE IDENTIFIED ON THE AFFECTED AGRICULTURAL FIELDS. THE SUBSOIL COMPACTION TEST RESULTS WITHIN THE AFFECTED AREA WILL BE COMPARED WITH THOSE OF THE ADJACENT UNAFFECTED PORTION OF THE FARM FIELD/SOIL UNIT. WHERE REPRESENTATIVE SUBSOIL DENSITY OF THE AFFECTED AREA EXCEEDS THE REPRESENTATIVE SUBSOIL DENSITY OF THE UNAFFECTED AREAS, ADDITIONAL SHATTERING OF THE SOIL PROFILE WILL BE PERFORMED USING THE APPROPRIATE EQUIPMENT. DEEP SHATTERING OF THE SOIL PROFILE WILL BE PERFORMED TO THE DEPTH OF THE SUBSOIL COMPACTION. THE PROJECT SPONSOR WILL PREVENT ADDITIONAL SUBSOIL COMPACTION. OVERSIZED STONE/ROCK MATERIAL WHICH IS UPLOADED TO THE SURFACE AS A RESULT OF THE DEEP SHATTERING WILL BE REMOVED.

EXISTING LEGEND



BRIDGE
CONTOUR, MAJOR
CONTOUR, MINOR
ELECTRIC LINE, OVERHEAD
ELECTRIC LINE, UNDERGROUND
FENCE LINE
FREZNEL ZONE
GAS, UNDERGROUND
POLE, WITH UTILITY
PROPERTY LINE (APPROX.)
PROPERTY LINE (SURVEYED)
RIGHT OF WAY LINE
DELINEATED STREAM
TREE LINE

BOIL BOUNDARY & TYPE

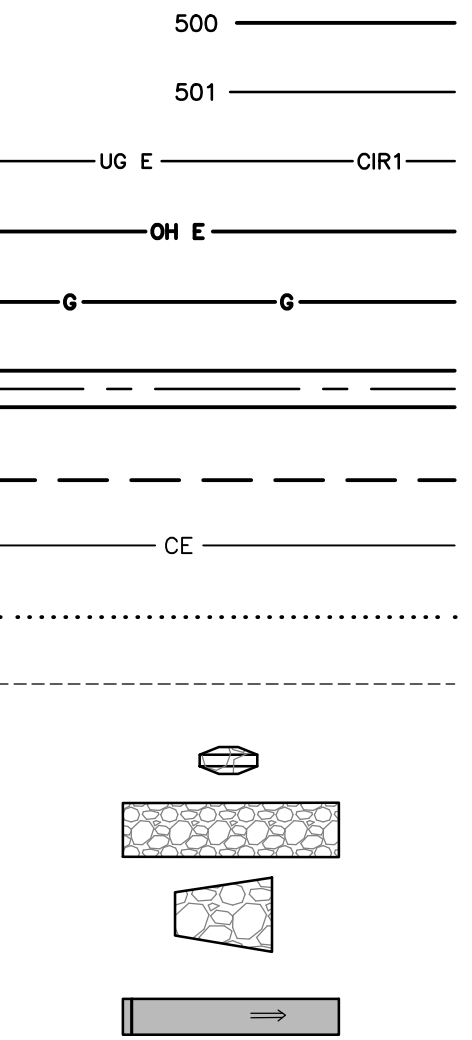
ION—PARTICIPANT PROPERTY

EDERAL WETLAND

ENVIRONMENTAL AREA

EMA FLOODPLAIN

PROPOSED LEGEND



TOUR, MAJOR

TOUR, MINOR

UNDERGROUND ELECTRIC COLLECTION
(CIRCUIT DESIGNATION)

UNDERHEAD ELECTRIC TRANSMISSION

UTILITY LINE

ACCESS ROAD

OBSTRUCTION OF DISTURBANCE

CONSTRUCTION EASEMENT

PEDESTRIAN WALK PATH

TEMPORARY IMPROVEMENT

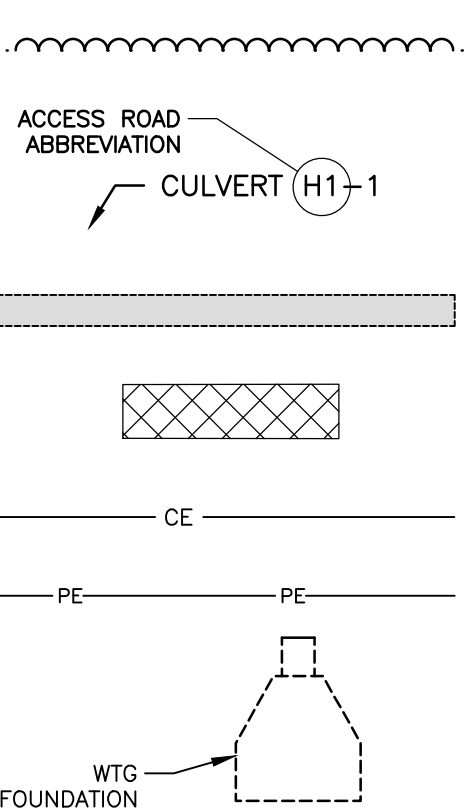
SEWER, CHECK DAM

SEWER, CONSTRUCTION ENTRANCE


SEWER, RIP-RAP OUTLET PROTECTION

SEWER, DITCH TURN OUT

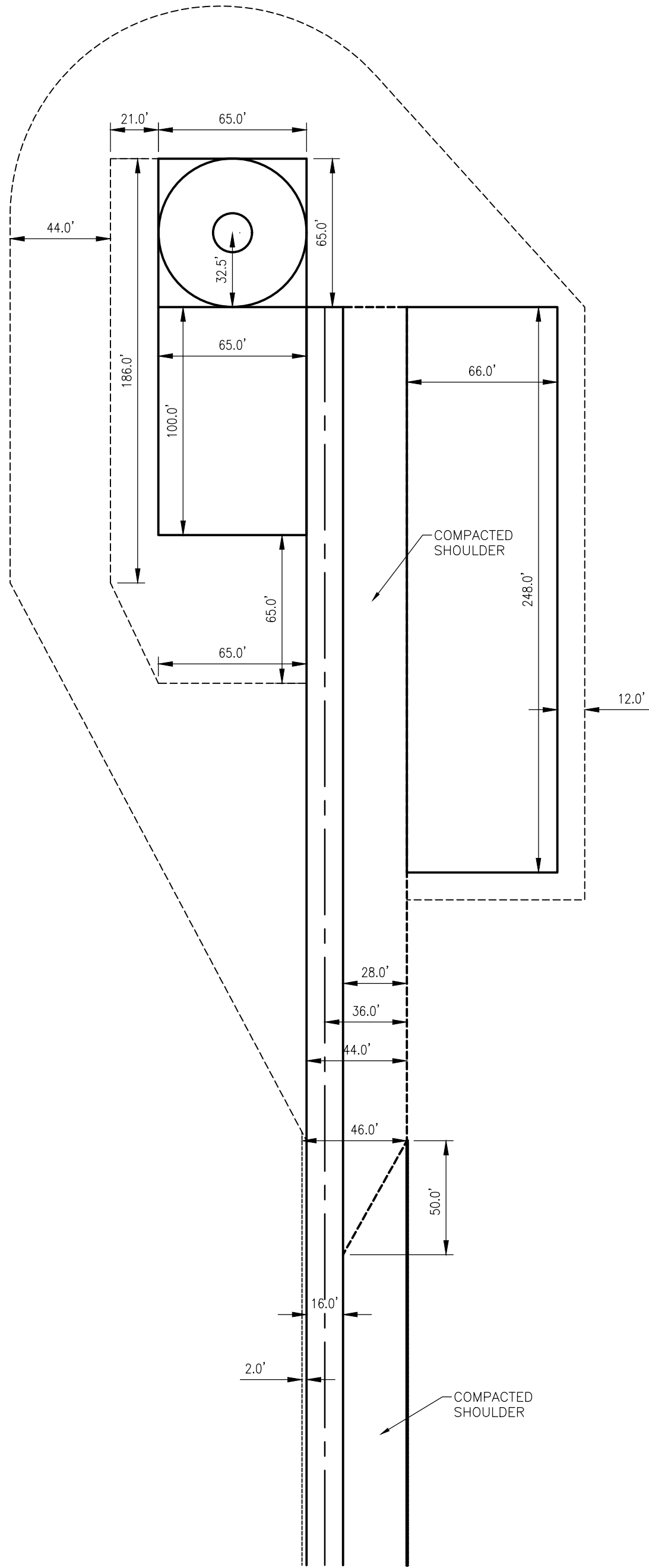
SEWER, SILT FENCE



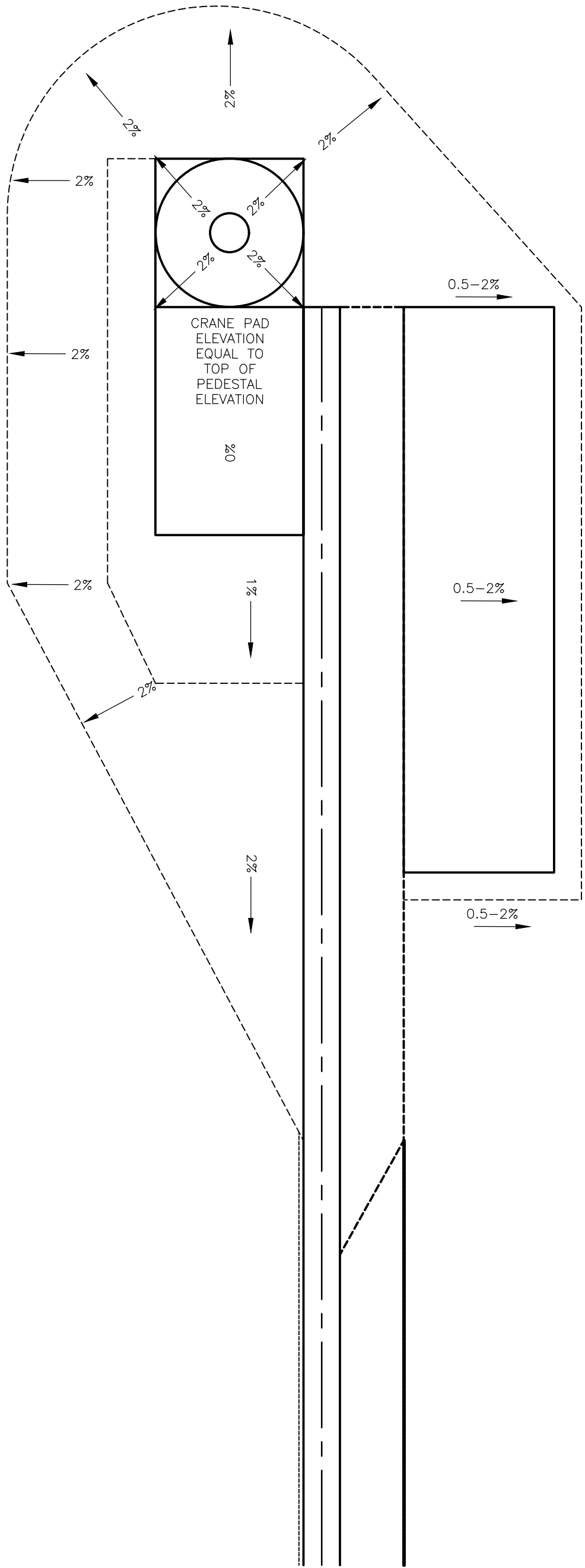
POSED PERMANENT CULVERT LAB
NE BUILD AREAS
POSED BORING PIT
STRUCTION EASEMENT
MANENT EASEMENT
ERIC TURBINE FOUNDATION
FOUNDATION PLANS FOR DETAILS

<p>PROJECT</p> <p>BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROOME COUNTY, NEW YORK NOT FOR CONSTRUCTION</p> <p>TITLE OF DRAWING</p> <p>005 - GENERAL NOTES</p>	 <p>FISHER ASSOCIATES</p> <p>WWW.FISHERASSOC.COM</p>	<p>PROJECT NO.</p> <p>175022</p> <p>PROJECT MANAGER</p> <p>CS</p>	<p>DRAWN BY</p> <p>DP/JR</p> <p>SCALE</p> <p>AS SHOWN</p>	<p>ISSUE DATE</p> <p>7/21018</p>	<p>COPYRIGHT © 2018 FISHER ASSOCIATES, P.E., U.S. LA., D.P.C.</p>			7		
					6					
					5					
					4					
					3					
					2					
1										
<p>DRAWING NO.</p> <p>C-040</p>			<p>DESCRIPTION</p>			DATE	BY			

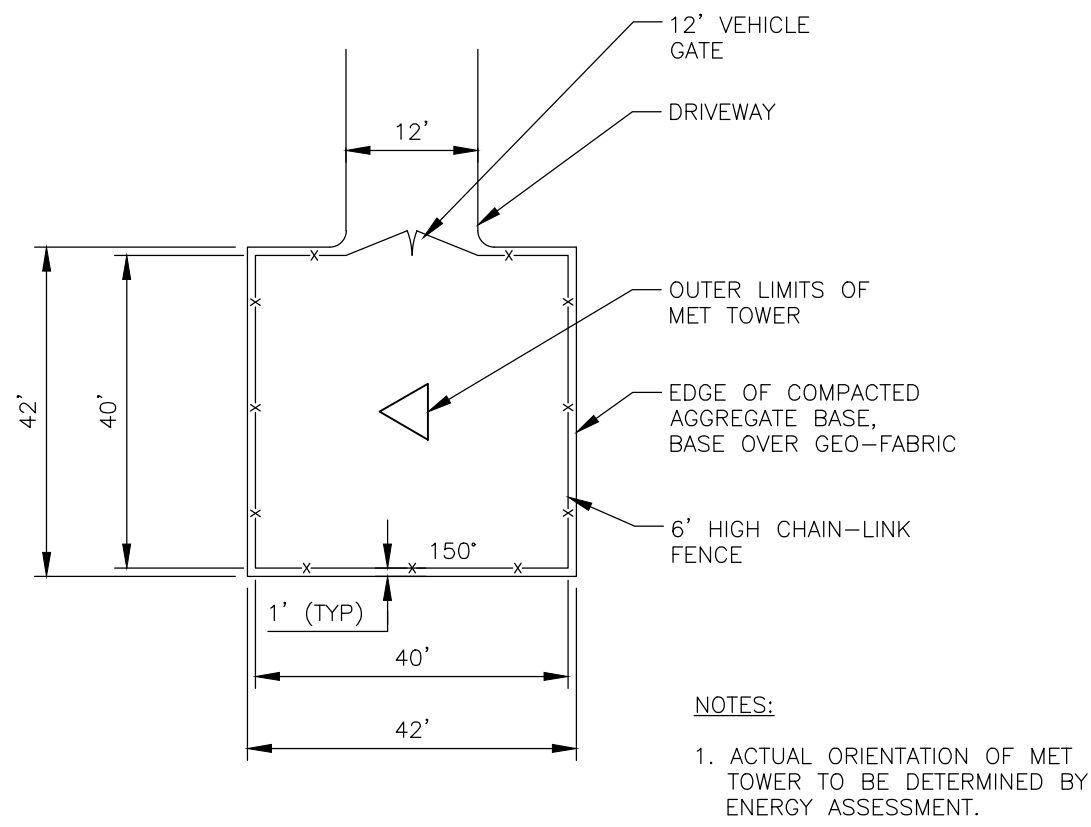
FILE NAME: H:\Projects\175022-00-Bluestone_Wind\Eng\CAD\CUT\175022_details.dwg
DATE/TIME: 8/30/2018 1:23:01 AM
USER: Doug Perrotto




SITE LAYOUT TYPE "A"
NOT TO SCALE

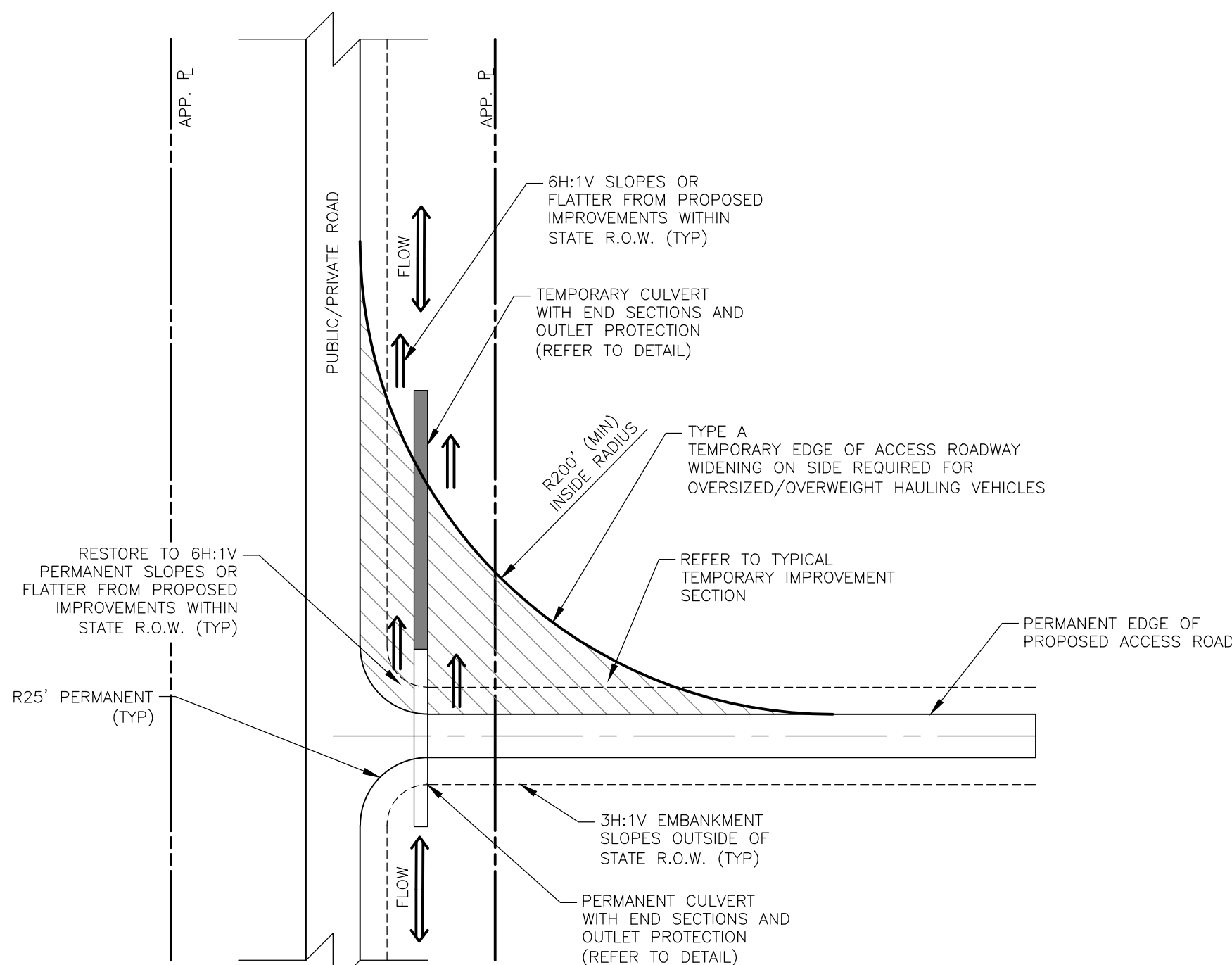


**TYPICAL TURBINE
SITE GRADING**
NOT TO SCALE



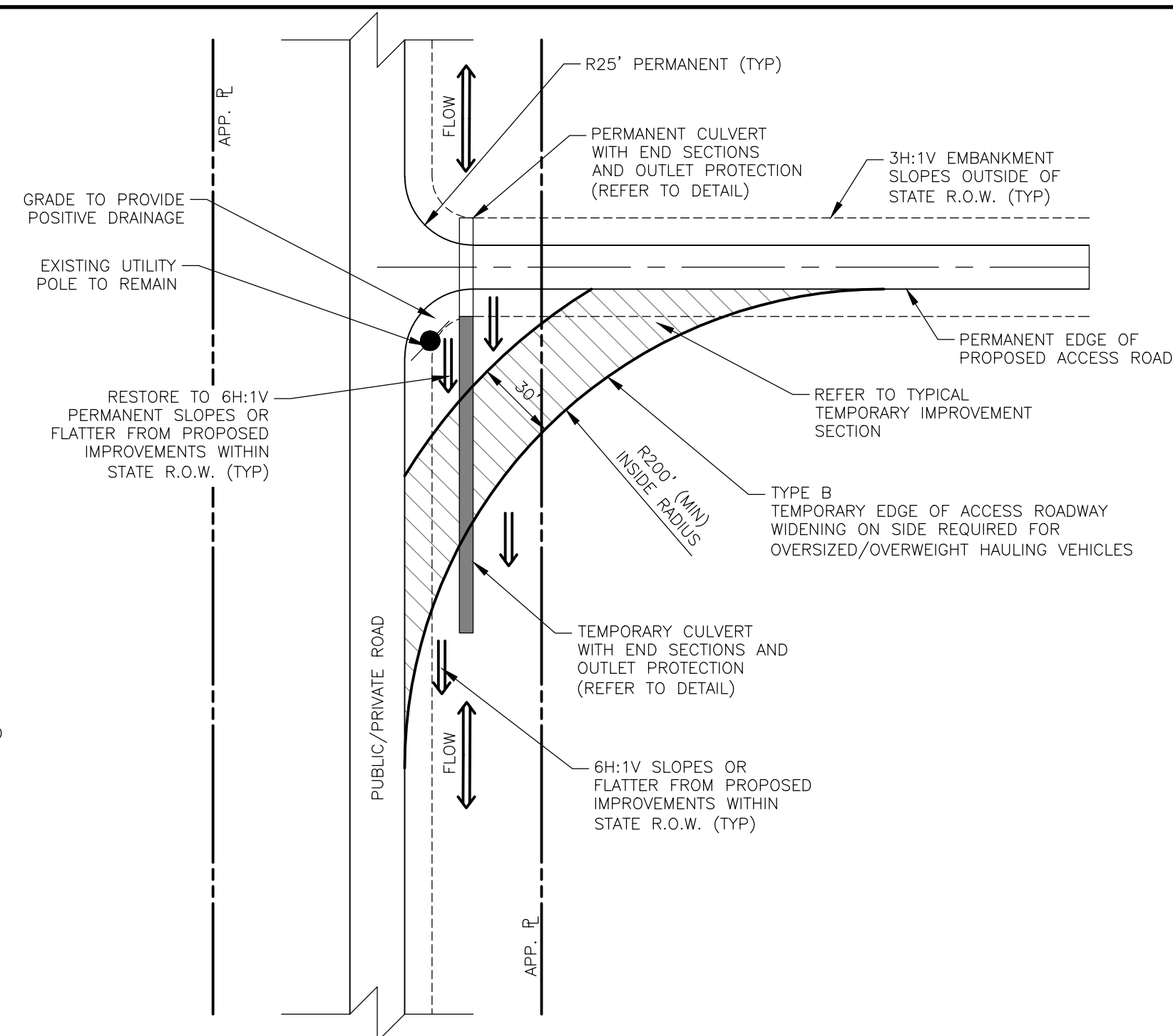
PERMANENT MET TOWER PAD DETAIL
NOT TO SCALE

DRAWING NO. C-060 SHEET 07 OF 90	PROJECT BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROOME COUNTY, NEW YORK NOT FOR CONSTRUCTION	 FISHER ASSOCIATES WWW.FISHERASSOC.COM	TITLE OF DRAWING CONSTRUCTION DETAILS	FA PROJECT NO. 175022 PROJECT MANAGER CS DRAWN BY DP/JR SCALE AS SHOWN ISSUE DATE 7/21/18	COPYRIGHT © 2018 FISHER ASSOCIATES P.E., L.S., L.A. OF NEW YORK P.C. New York State Education Law, Section 1705(2) requires that the seal and signature of the professional engineer or professional architect be placed on all drawings and specifications prepared by or for him or her, and that the seal and signature be legible and not obliterated. It is the responsibility of the engineer or architect to ensure that the seal and signature are legible and not obliterated. The seal and signature shall be placed on the drawing or specification in the location indicated by the symbol and the word "Seal" or "Signature" as the case may be. The seal and signature shall be placed on the drawing or specification in the location indicated by the symbol and the word "Seal" or "Signature" as the case may be. The seal and signature shall be placed on the drawing or specification in the location indicated by the symbol and the word "Seal" or "Signature" as the case may be.										7							



INTERSECTION IMPROVEMENT TYPE A

NOT TO SCALE



INTERSECTION IMPROVEMENT TYPE B

NOT TO SCALE



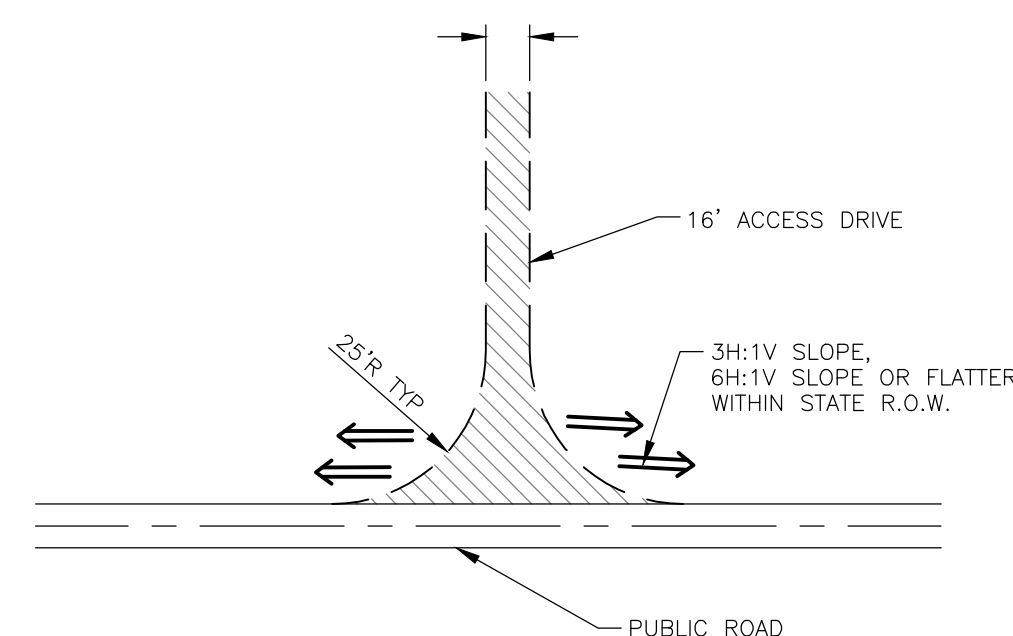
NOT TO SCALE



NOT TO SCALE



NOT TO SCALE

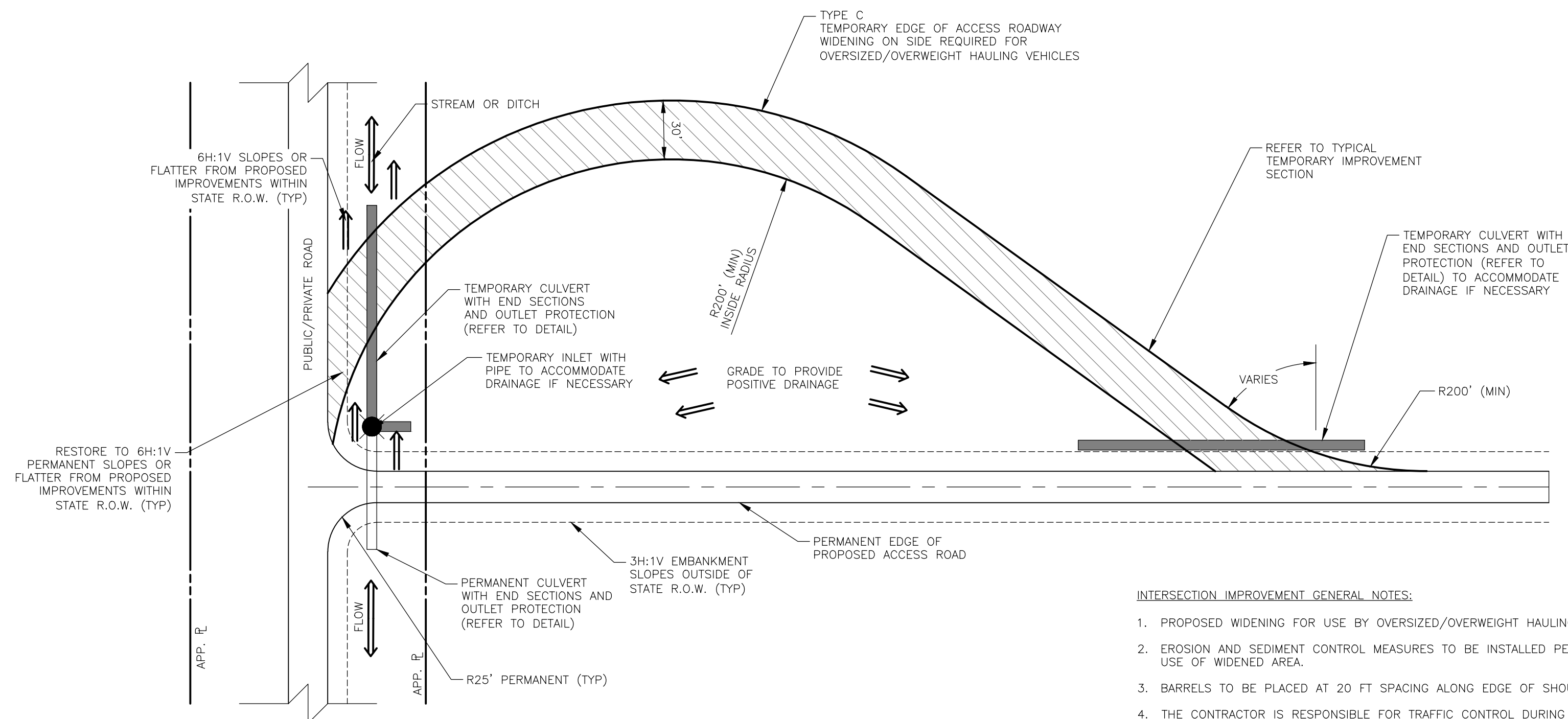


NOTE:

1. REFER TO C-050 FOR CROSS SECTION REQUIREMENTS.

TYPICAL DRIVEWAY ENTRANCE

NOT TO SCALE




INTERSECTION IMPROVEMENT TYPE C

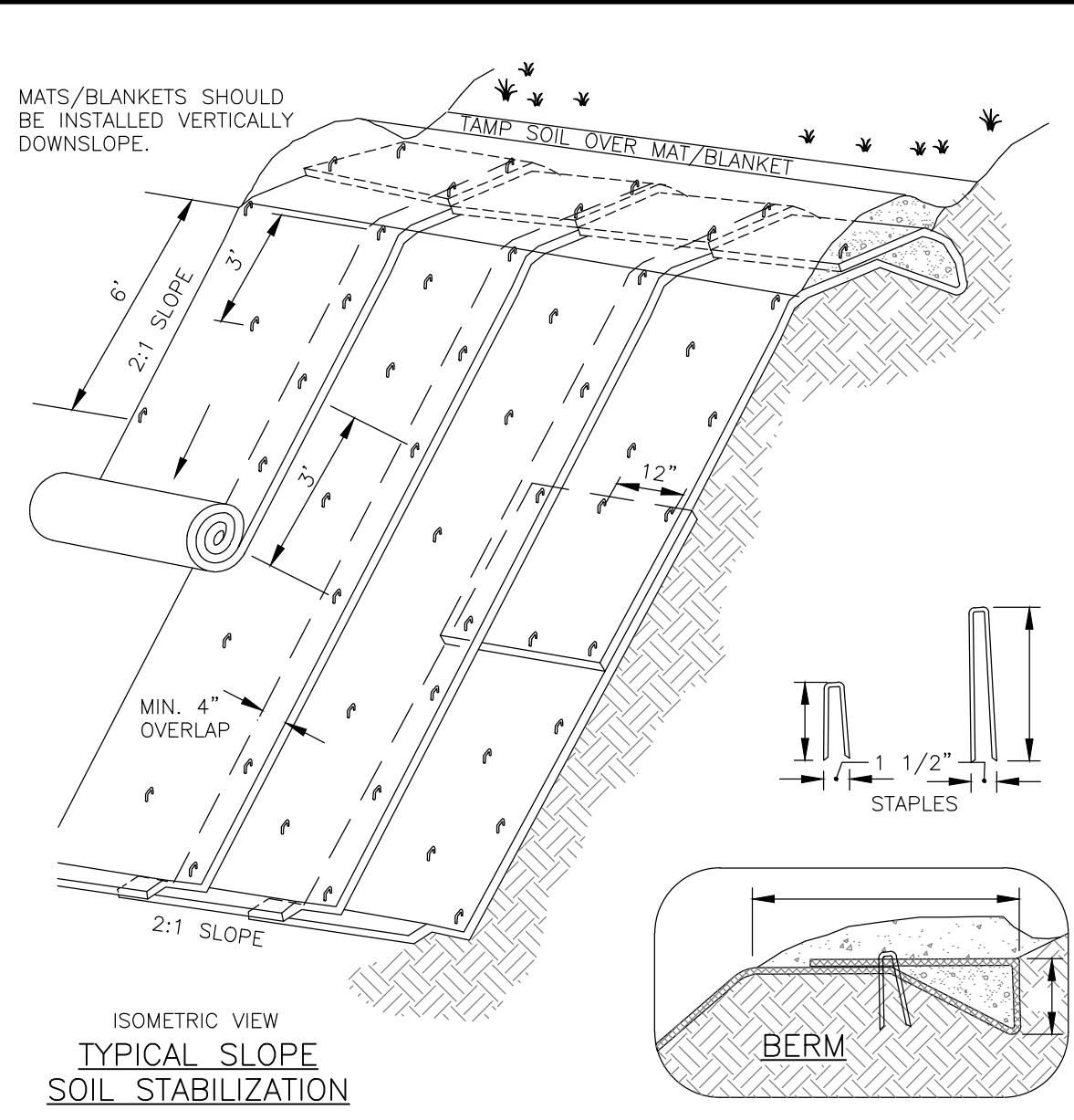
NOT TO SCALE

INTERSECTION IMPROVEMENT GENERAL NOTES:

1. PROPOSED WIDENING FOR USE BY OVERSIZED/OVERWEIGHT HAULING VEHICLES.
2. EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED PER DETAILS AND MAINTAINED DURING USE OF WIDENED AREA.
3. BARRELS TO BE PLACED AT 20 FT SPACING ALONG EDGE OF SHOULDER WHILE WIDENING IS NOT IN USE.
4. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING USE OF WIDENED AREA.
5. WIDENED AREA TO BE REMOVED AND RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AFTER OVERSIZED/OVERWEIGHT HAULING IS COMPLETED. RESTORE PERMANENT SLOPES WITHIN THE INDOT R.O.W. TO 6H:1V SLOPES OR FLATTER.
6. THE CONTRACTOR SHALL COORDINATE IN ADVANCE WITH THE APPROPRIATE UTILITY COMPANY IF OVERHEAD UTILITY CLEARANCE DOES NOT EXCEED 17 FT AT INTERSECTION IMPROVEMENTS AS WELL AS ALONG THE COMPLETE DELIVERY ROUTES.
7. EXISTING TRAFFIC SIGNS TO BE IMPACTED SHALL BE RE-INSTALLED WITH GROUND SLEEVES TO ALLOW FOR TEMPORARY REMOVAL DURING USE OF THE WIDENED AREAS. SIGNS SHALL BE PERMANENTLY INSTALLED AT PRECONSTRUCTION LOCATIONS AFTER TEMPORARY IMPROVEMENTS HAVE BEEN REMOVED.
8. TEMPORARY TURN AREAS TO BE CLEARED, GRUBBED, STRIPPED OF TOPSOIL, AND COMPACTED TO VESTAS REQUIREMENTS PRIOR TO GEOTEXTILE FABRIC AND STONE. STONE TO BE COMPACTED TO VESTAS REQUIREMENTS.

DRAWING NO.	PROJECT BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROOM COUNTY, NEW YORK NOT FOR CONSTRUCTION	 FISHER ASSOCIATES WWW.FISHERASSOC.COM	PROJECT NO. 175022 PROJECT MANAGER CS DRAWN BY DP/JR SCALE AS SHOWN	ISSUE DATE 7/21018	COPYRIGHT © 2018 FISHER ASSOCIATES P.E. U.S. L.A. OF NEW YORK P.C. <small>THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF FISHER ASSOCIATES. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF FISHER ASSOCIATES. THE USER OF THESE PLANS AND SPECIFICATIONS AGREES TO HOLD FISHER ASSOCIATES HARMLESS FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING ATTORNEY'S FEES, THAT MAY BE ASSERTED AGAINST FISHER ASSOCIATES BY ANY THIRD PARTY AS A RESULT OF THE USER'S USE OF THESE PLANS AND SPECIFICATIONS.</small>			7		
					6					
					5					
					4					
					3					
					2					
TITLE OF DRAWING CONSTRUCTION DEATILS					1					
					REV	DESCRIPTION	DATE	BY		

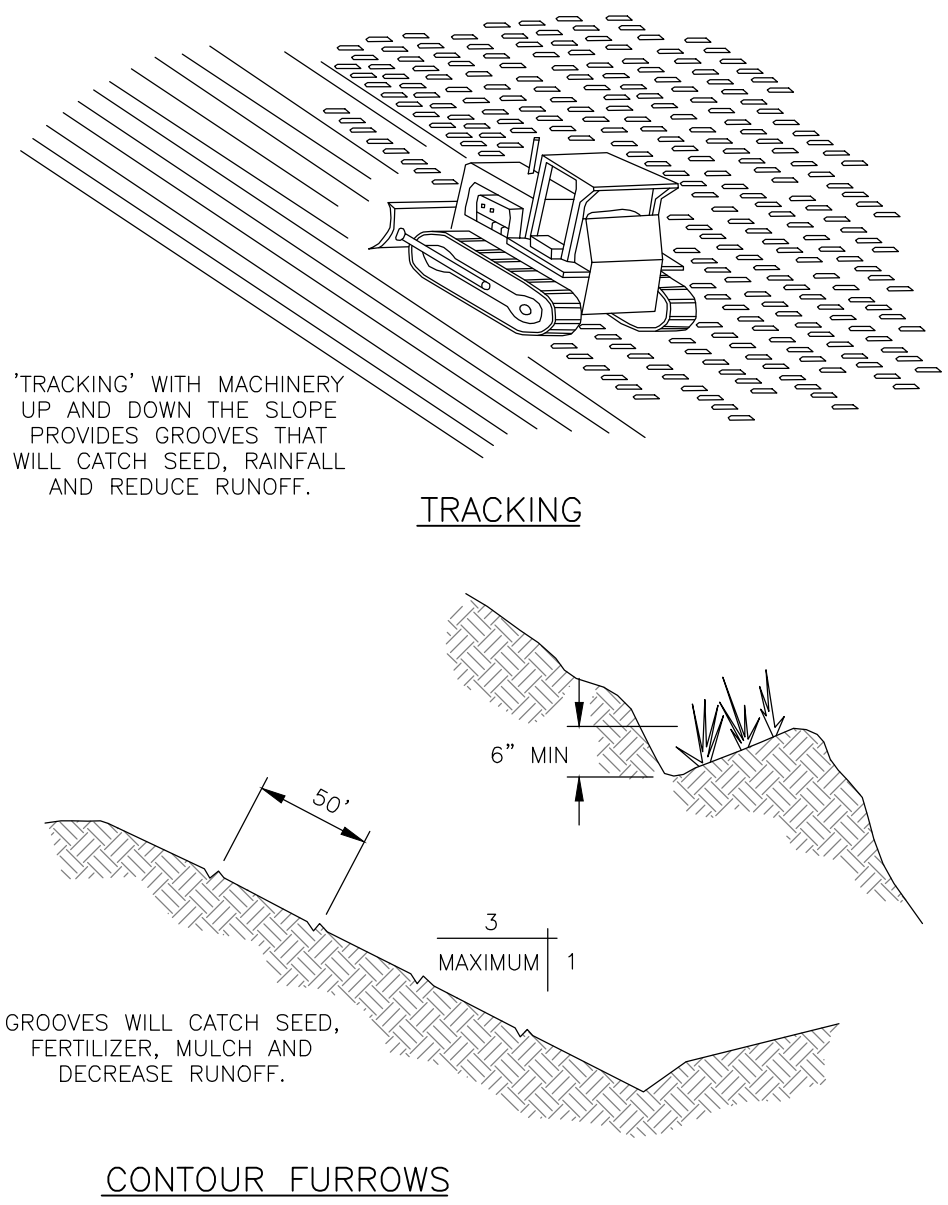
FILE NAME: H:\Projects\175022-00-Bluestone_Wind\Eng\CAD\CUT\175022_details.dwg
DATE/TIME: 8/30/2018 1:23:08 AM
USER: Doug Perrotto



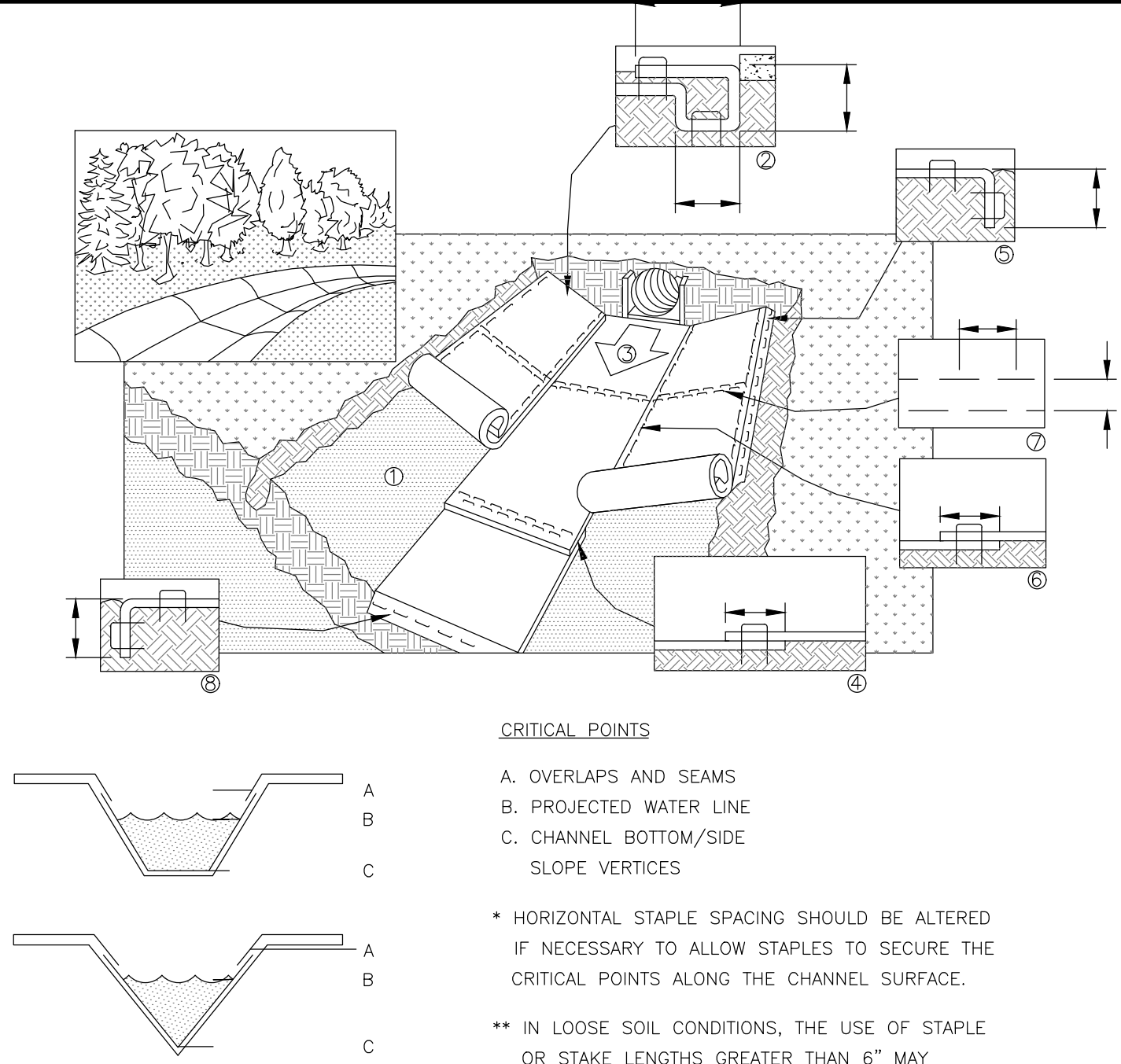
NOTES:

1. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS AND GRASS. MATS/BLANKETS SHALL HAVE GOOD SOIL CONTACT.
2. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
3. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.

EROSION BLANKETS SLOPE INSTALLATION



SURFACE ROUGHENING



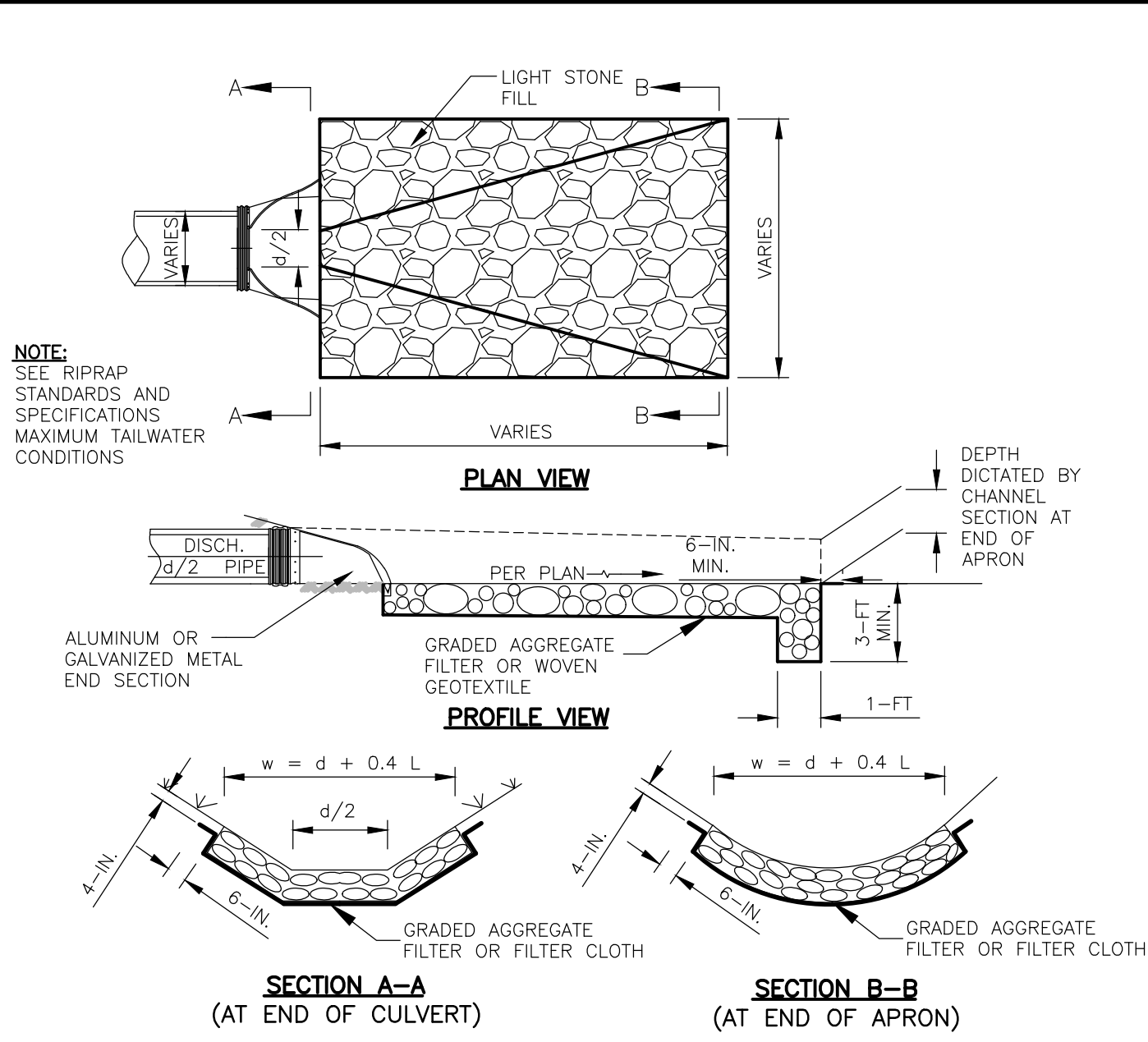
NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.

CHANNEL INSTALLATION SPECIFICATIONS

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED, DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH THE PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"-5" (DEPENDING ON BLANKET TYPE) AND STAPLED. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
7. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30' TO 40' INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
9. EROSION CONTROL BLANKETS INSTALLED WITHIN CHANNELS/SWALES/DITCHES SHALL BE NORTH AMERICAN GREEN SC-250 OR APPROVED EQUAL.

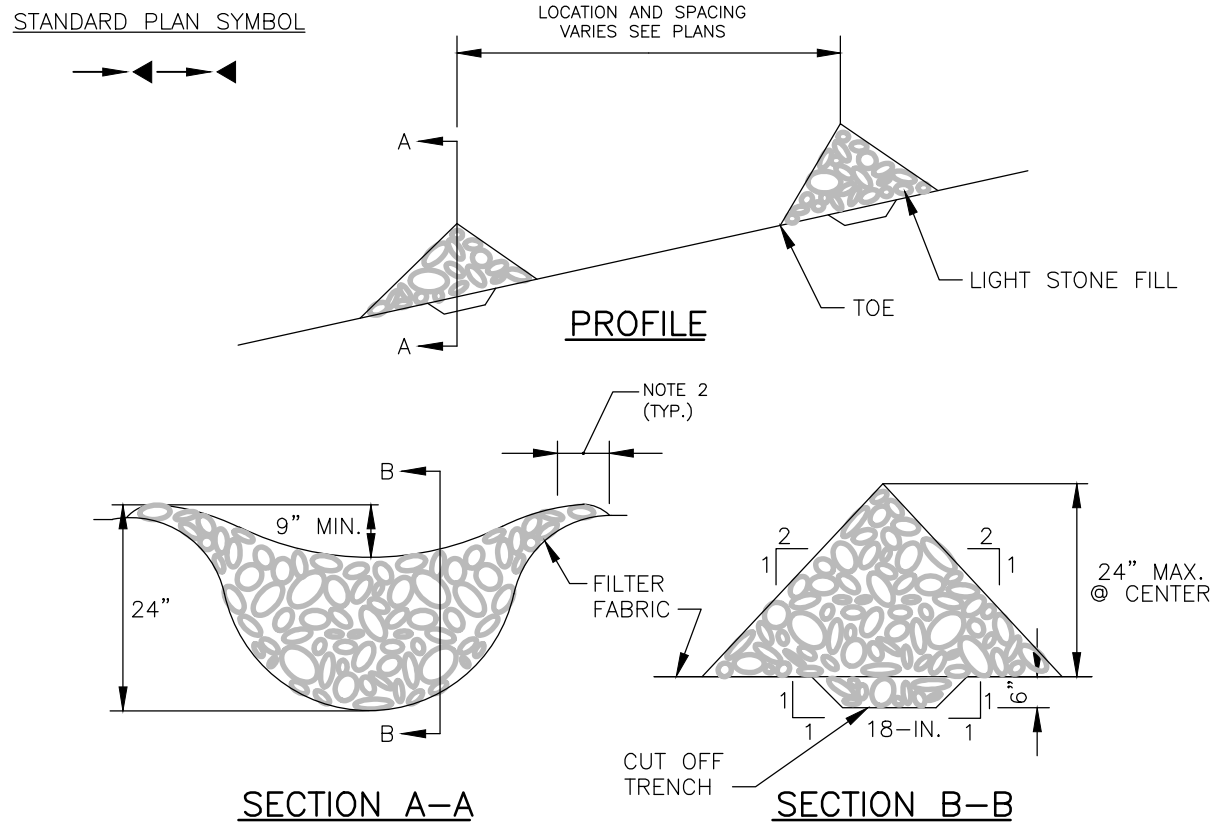
EROSION CONTROL BLANKET – CHANNEL INSTALLATION



TYPICAL CULVERT ROCK OUTLET PROTECTION

DRAWING NO.		PROJECT		PROJECT		FA PROJECT NO.		FISHER ASSOCIATES		COPYRIGHT © 2018	
C-070		BLUESTONE WIND FARM		TOWNS OF SANFORD AND WINDSOR		175022		P.E., L.S., L.A. OF NEW YORK, P.C.		7	
SHEET 09 OF 90		BROMIE COUNTY, NEW YORK		NOT FOR CONSTRUCTION		CS		New York State Education Law, Section 1703(2)(b) requires that a notation of the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		6	
						DRAWN BY		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		5	
						DP/JR		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		4	
						SCALE		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		3	
						AS SHOWN		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		2	
						7/21018		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		1	
						ISSUE DATE		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		REV	
						7/21018		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		DATE	
						7/21018		If this is a re-submitted design, the notation, issued by, followed by, and the alteration, and a specific description of the alteration.		BY	

FILE NAME: H:\Projects\175022-00-Bluestone_Wind\Eng\CAD\CUT\175022_details.dwg
DATE/TIME: 8/30/2018 1:23:10 AM
USER: Doug Perrotto



APPLICATION NOTES:

- CHECK DAMS SHALL BE USED TO REDUCE EROSION IN DRAINAGE CHANNEL BY RESTRICTING THE VELOCITY OF FLOW IN THE CHANNEL.
- MAXIMUM DRAINAGE AREA ABOVE THE CHECK DAM SHALL NOT EXCEED 2-ACRES.

CONSTRUCTION SPECIFICATIONS:

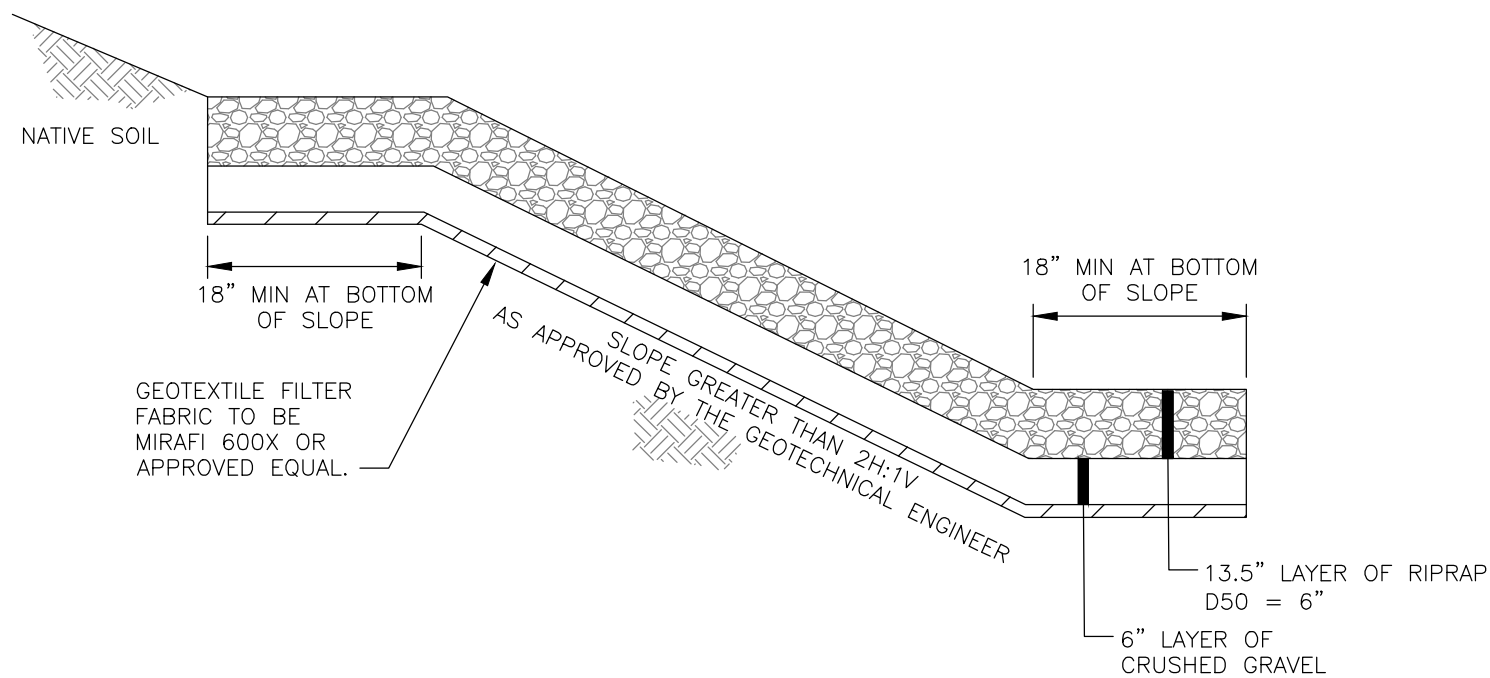
- STONE SHALL BE PLACED ON FILTER FABRIC FOUNDATION.
- EXTEND THE STONE A MINIMUM OF 1.5- FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
- PROTECT CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPUTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.

MAINTENANCE NOTES:

- INSPECT CHECK DAMS ONCE A WEEK AND AFTER RAINFALLS. REMOVE SILT FROM BEHIND DAM AS NEEDED TO PERMIT FLOW THROUGH THE DAM AND PREVENT LARGE FLOWS FROM CARRYING SEDIMENT OVER THE DAM.
- INSTALL STONE LINER IN CHANNEL UPSTREAM OF CHECK DAM IF SIGNIFICANT EROSION OCCURS.
- REPLACE STONES AS NEEDED TO MAINTAIN THE DESIGN CROSS SECTION OF THE STRUCTURES.
- UPON STABILIZATION OF THE SITE REMOVE CHECK DAMS SO AS NOT TO BLOCK STORM FLOW OR DRAINAGE.

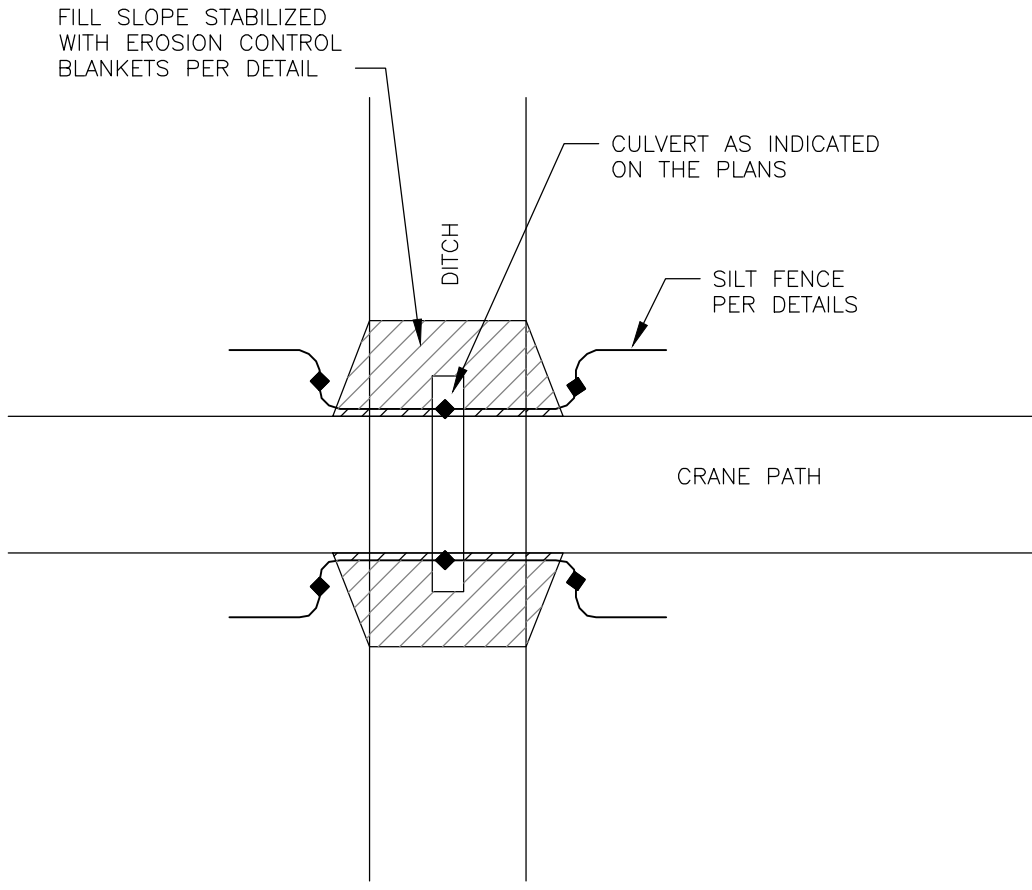
CHECK DAM DETAIL

NOT TO SCALE



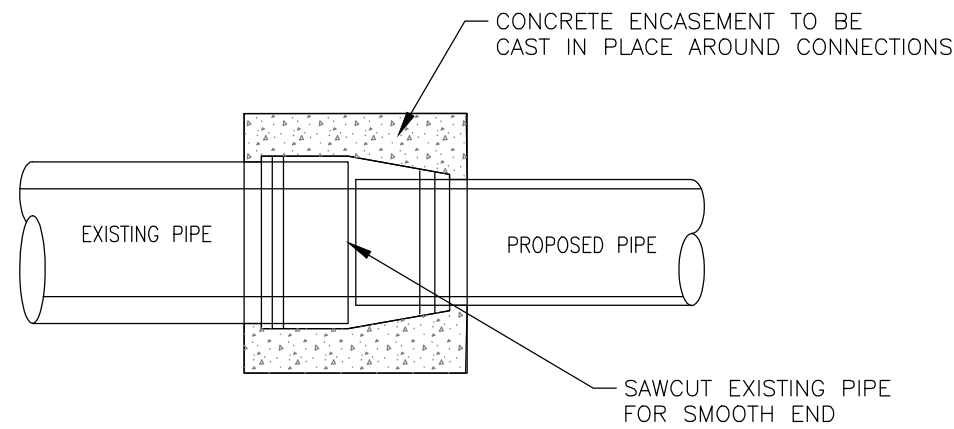
RIP-RAP SLOPE STABILIZATION DETAIL

NOT TO SCALE



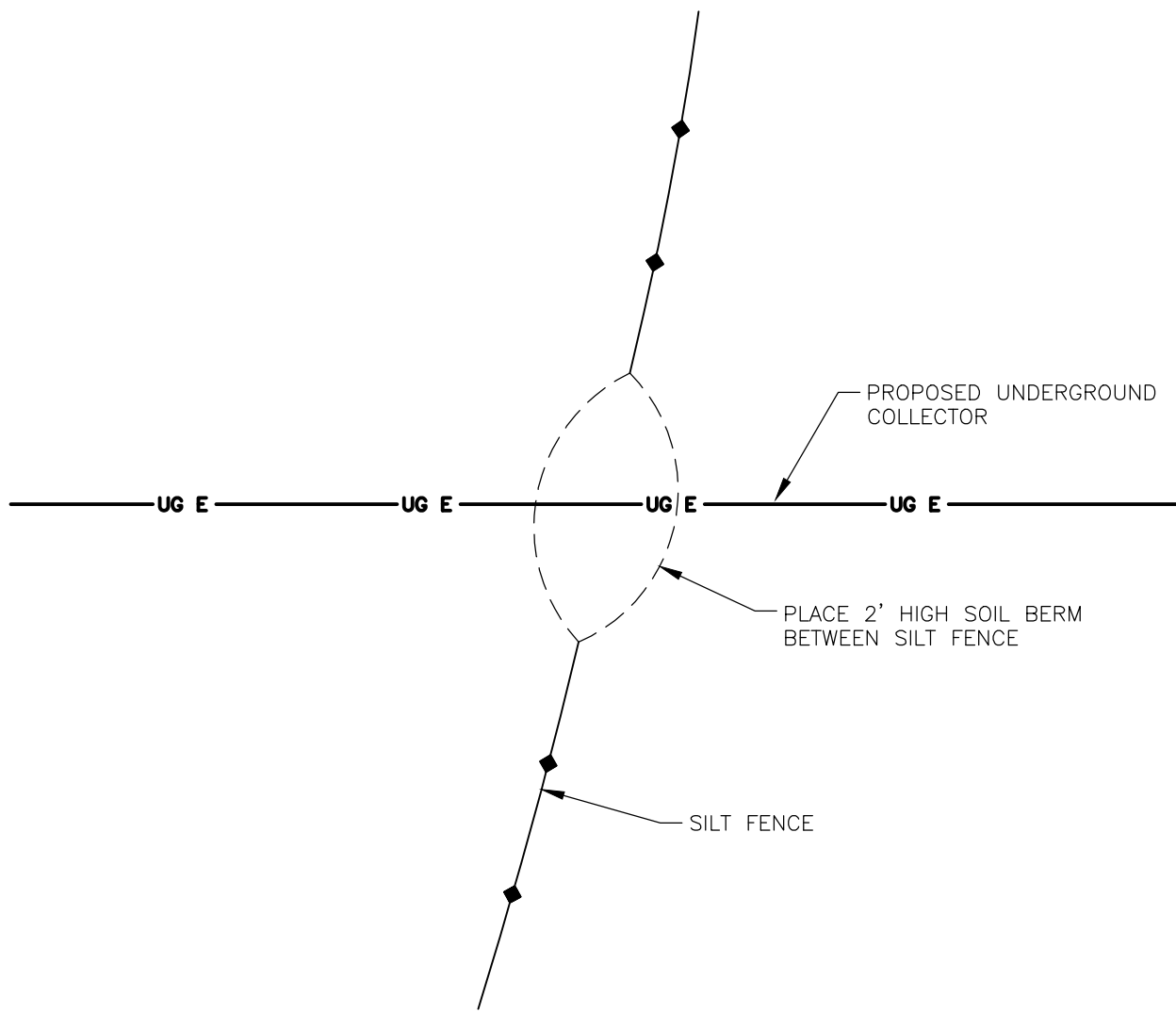
PERMANENT ACCESS ROAD AND
TEMPORARY CRANE WALK DITCH CROSSING

NOT TO SCALE



CONNECT PROPOSED STORM PIPE
TO EXISTING STORM PIPE

NOT TO SCALE



EROSION CONTROL CROSSING
UNDERGROUND COLLECTION

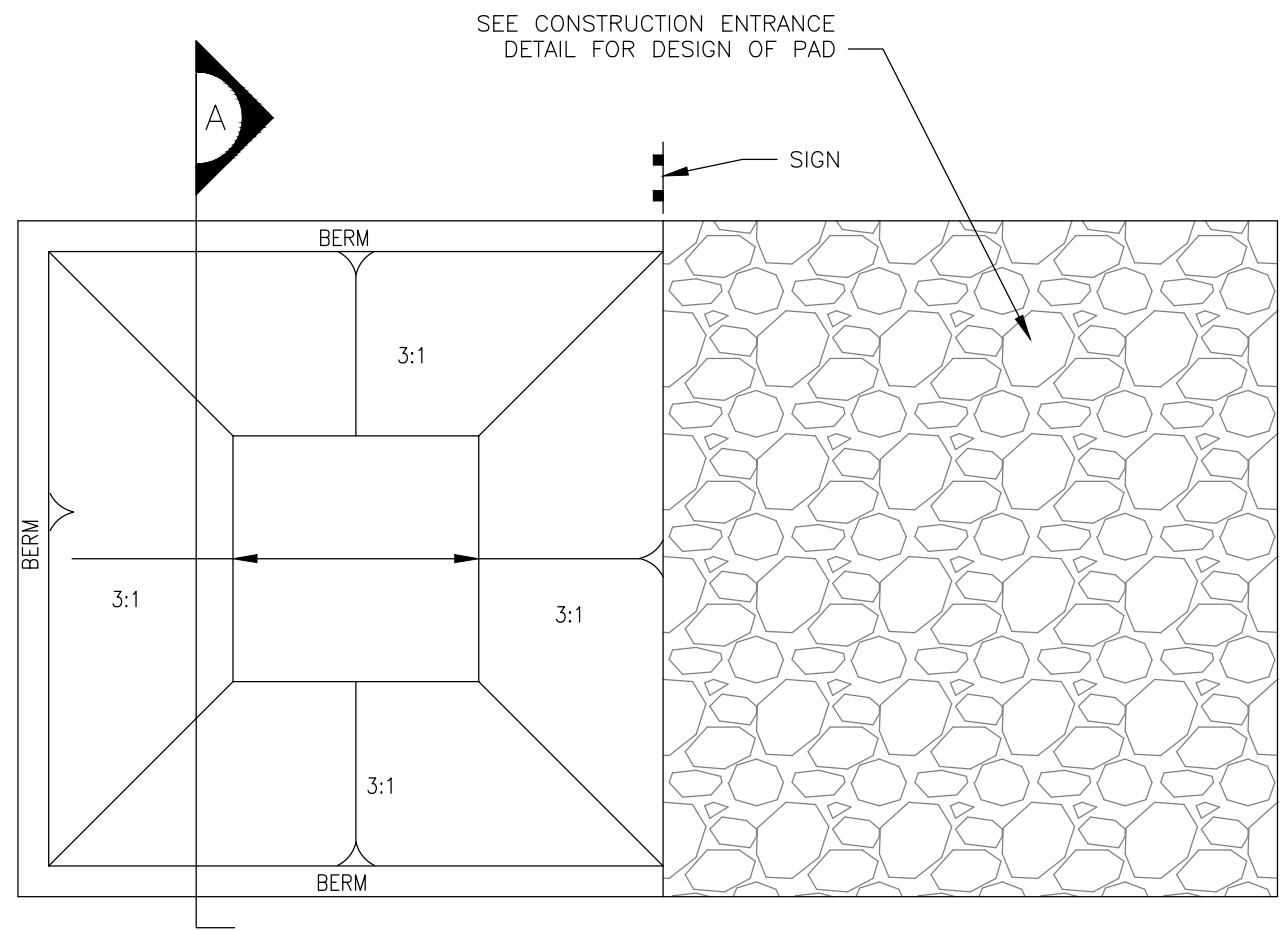
NOT TO SCALE

NOTES:

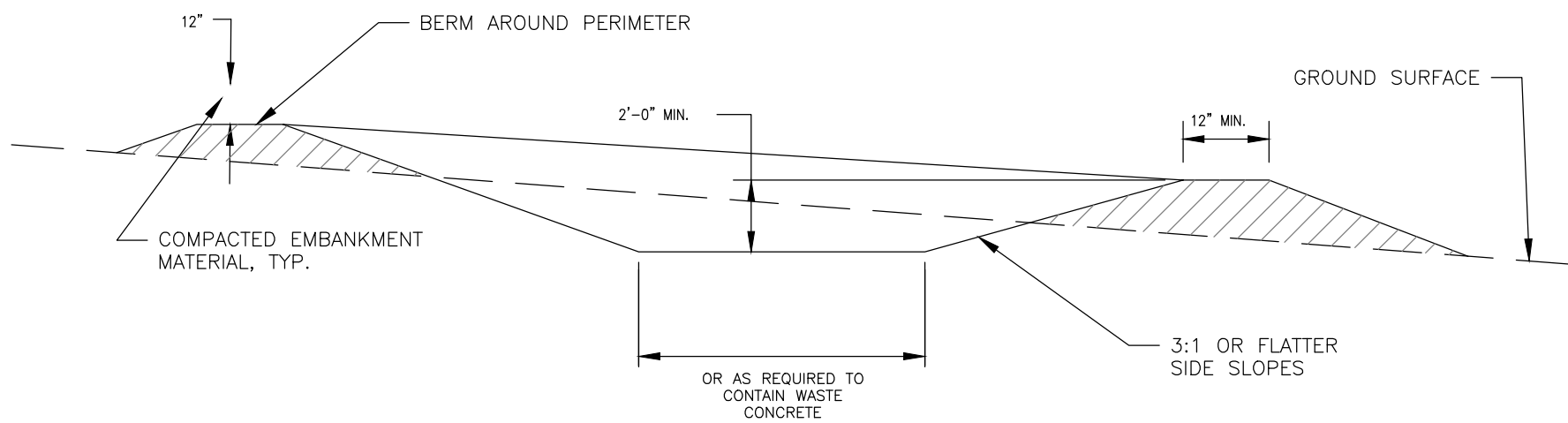
- CULVERT INSTALLATION SHALL CONFORM WITH THE MANUFACTURERS RECOMMENDATION FOR THE INSTALLATION.
- MINIMIZE DISTURBANCE TO THE STREAM/DITCH DURING CULVERT INSTALLATION.
- RIP-RAP WITH GEOTEXTILE FABRIC MAY BE SUBSTITUTED FOR EROSION CONTROL BLANKETS WHERE NEEDED. IN STREAMS/DITCHES WITH HIGH EROSION VELOCITIES, RIP-RAP WITH GEOTEXTILE FABRIC SHALL BE SUBSTITUTED FOR EROSION CONTROL BLANKETS.
- ALL DISTURBED AREAS SHALL BE PERMANENTLY RESTORED.

PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE		BY	
BLUESTONE WIND FARM		C-071					
TOWNS OF SANFORD AND WINDSOR							
BROOME COUNTY, NEW YORK							
NOT FOR CONSTRUCTION							
TITLE OF DRAWING		010 - DETAILS					
DRAWING NO.		C-071					
PROJECT		DRAWING NO.		DATE			

FILE NAME: H:\Projects\175022-00-Bluestone_Wind\Eng\CAD\CUT\175022_details.dwg
DATE/TIME: 8/30/2018 1:23:15 AM
USER: Doug Perrotto



PLAN VIEW



SECTION A

CONCRETE WASHOUT AREA INSTALLATION NOTES:

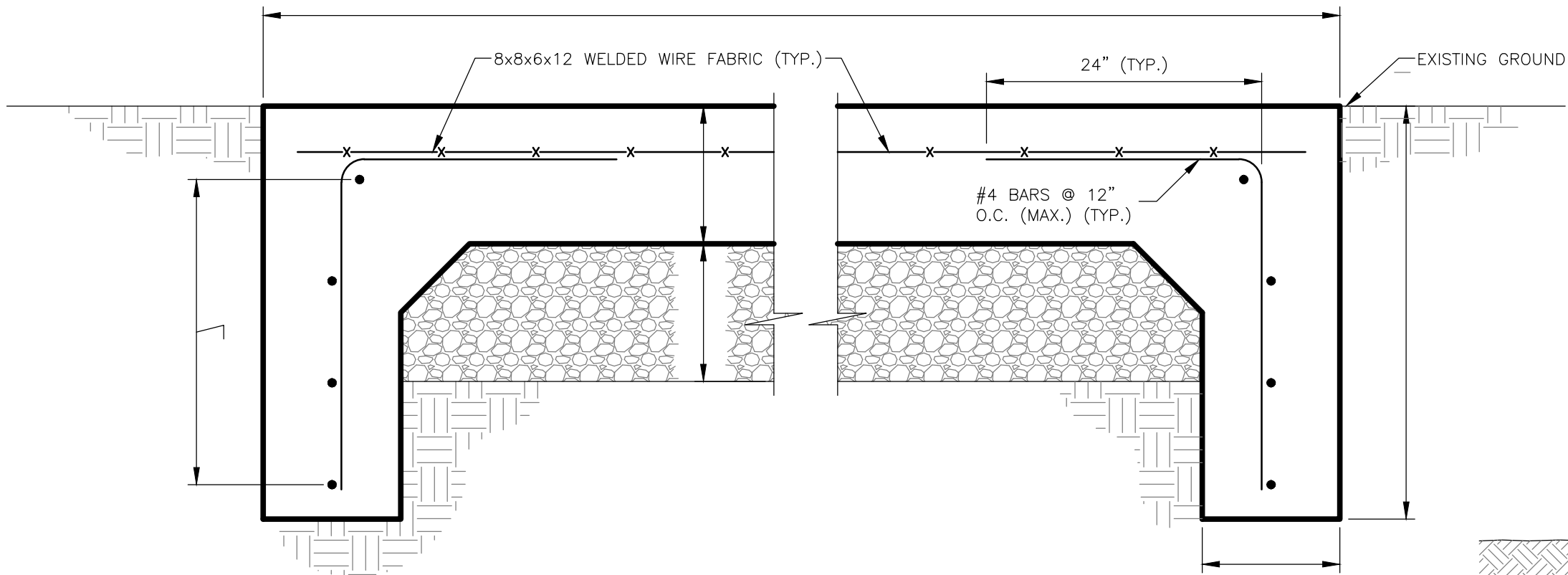
1. CONCRETE WASHOUT AREAS ARE TO BE INSTALLED AT EACH WTC PAD LOCATION, O & M BUILDING SITE, SUBSTATION SITE, LAYDOWN AREA AND WHEREVER ELSE CONCRETE IS USED FOR THE PROJECT.
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THE SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
5. EXCAVATED MATERIAL SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

CONCRETE WASHOUT AREA MAINTENANCE NOTES:

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOPSOIL, DRILL SEED AND CRIMP MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

CONCRETE WASHOUT AREA

NOT TO SCALE

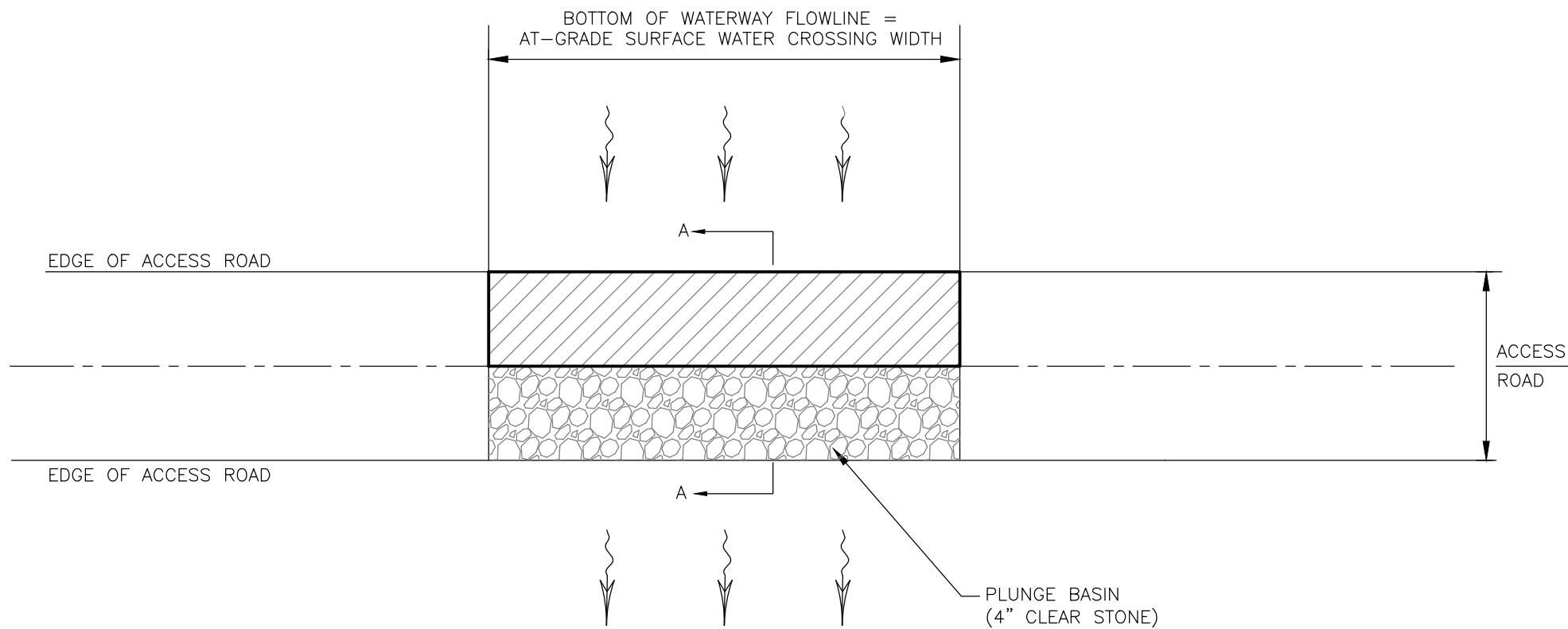


NOTES:

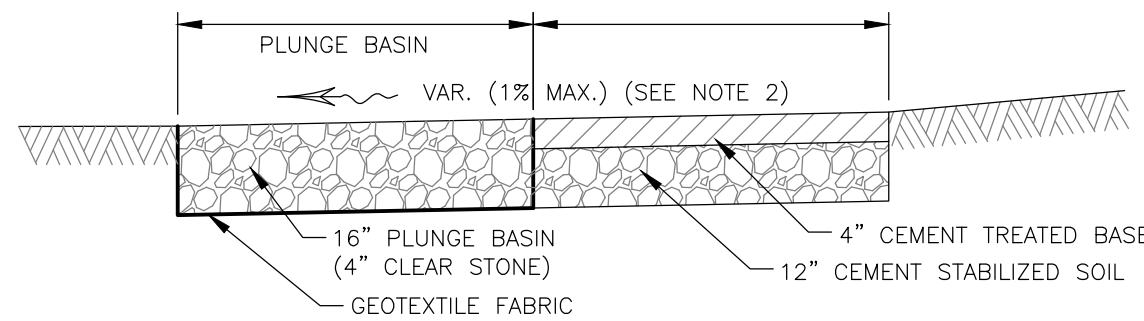
1. SUBBASE NEEDED IF SUBGRADE DOESN'T PASS PROOF ROLL PER GEOTECHNICAL ENGINEER RECOMMENDATIONS.
2. USED FOR LOCATIONS WITH 25 YEAR STORM FLOW RATES GREATER THAN 100 CFS.
3. REBAR SHALL BE PLACED WITH 4" MINIMAL COVER.

CONCRETE FORD

NOT TO SCALE



PLAN



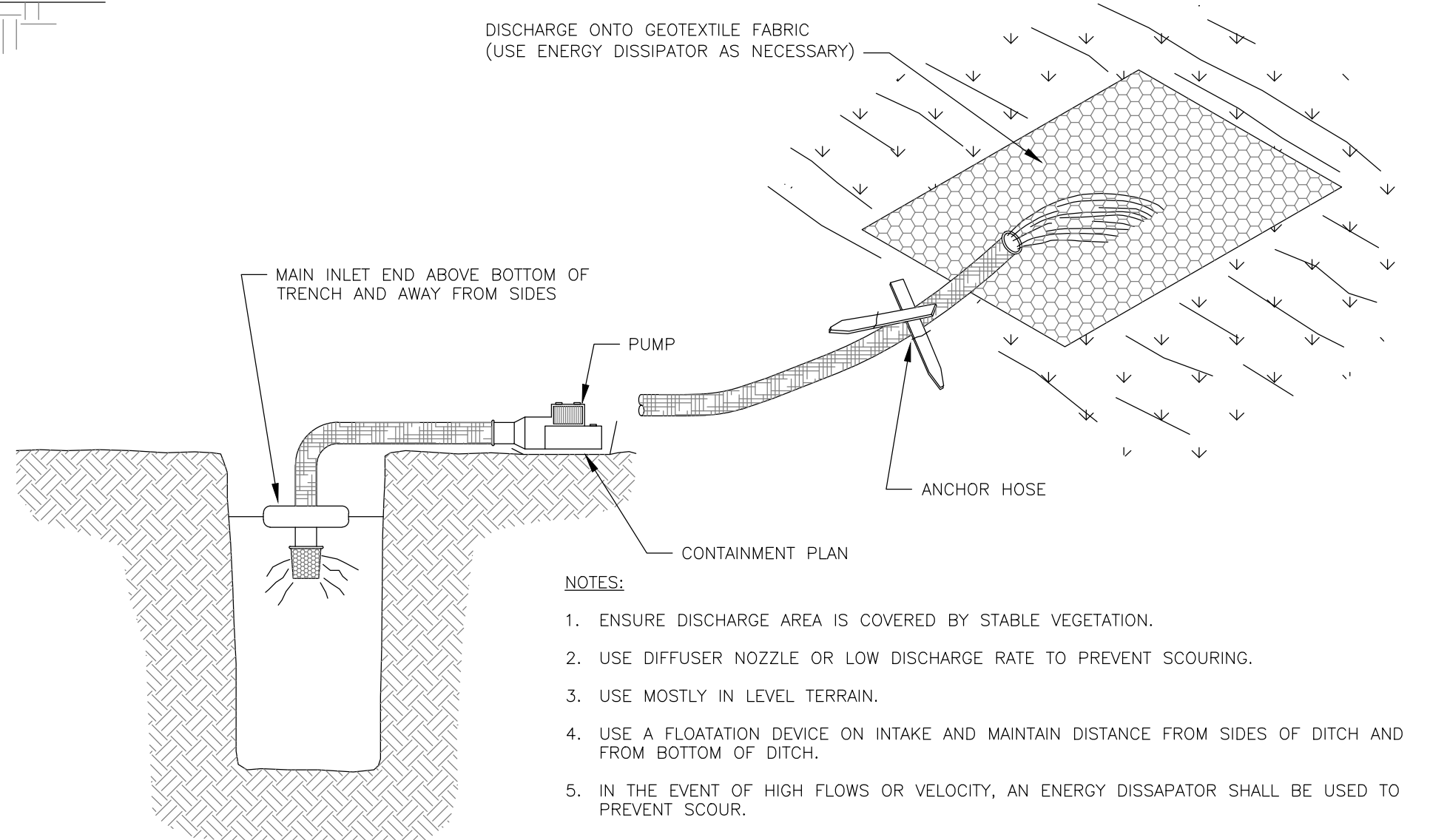
SECTION A-A

AT-GRADE SURFACE WATER CROSSING DETAIL OPTION

NOT TO SCALE

NOTES:

1. EACH WATERWAY WILL NEED TO BE FIELD VERIFIED TO DETERMINE APPROPRIATE USE OF AT GRADE OR CULVERT INSTALLATION.
2. CROSS SLOPE SHALL BE LESS THAN DITCH FLOWLINE SLOPE TO REDUCE WATER VELOCITY.
3. INSTALL PLUNGE BASIN DURING ROAD STABILIZATION OF ACCESS ROAD AND ADJACENT DISTURBED SOILS.
4. INSTALL DRAIN TILE INLET UPSTREAM OF CROSSING, IF REQUIRED.
5. SURFACE WATER CROSSINGS TO BE SET AT GRADE WITH EXISTING GROUND.

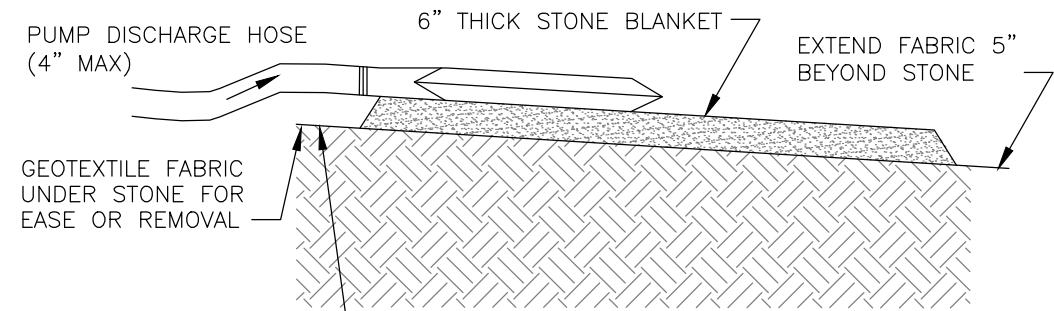
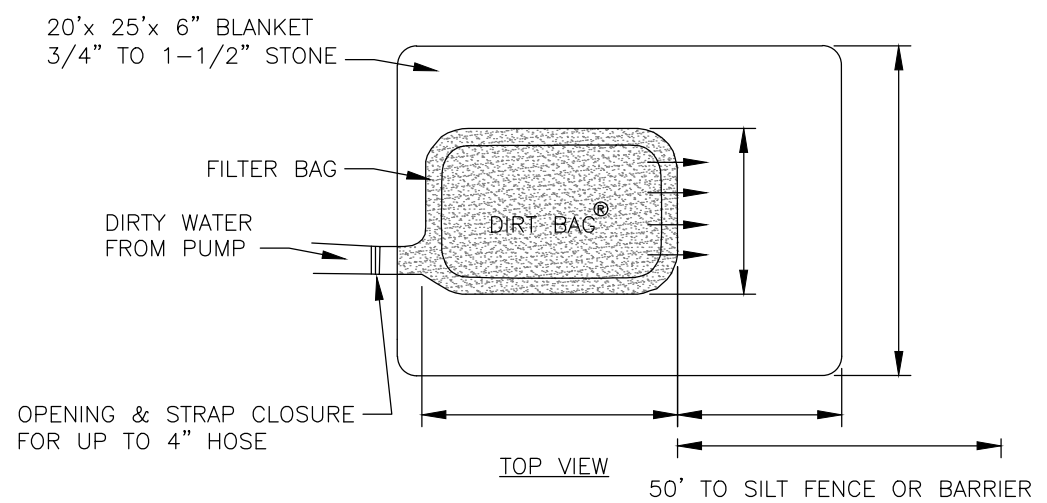


NOTES:

1. ENSURE DISCHARGE AREA IS COVERED BY STABLE VEGETATION.
2. USE DIFFUSER NOZZLE OR LOW DISCHARGE RATE TO PREVENT SCOURING.
3. USE MOSTLY IN LEVEL TERRAIN.
4. USE A FLOATATION DEVICE ON INTAKE AND MAINTAIN DISTANCE FROM SIDES OF DITCH AND FROM BOTTOM OF DITCH.
5. IN THE EVENT OF HIGH FLOWS OR VELOCITY, AN ENERGY DISSAPATOR SHALL BE USED TO PREVENT SCOUR.
6. IN THE EVENT OF TURBID WATER WITHIN THE TRENCH/SUMP A FILTER BAG OUTLET SHALL BE USED.

DEWATERING OPERATION WITH SURFACE STABILIZED OUTLET OPTION

NOT TO SCALE



NOTES:

1. DIRT BAG MATERIAL BASED ON PARTICLE SIZE IN DIRTY WATER, I.E. FOR COARSE PARTICLES A WOVEN MATERIAL; FOR SILTS/CLAYS A NON-WOVEN MATERIAL.
2. DO NOT OVER PRESSURIZE DIRT BAG OR USE BEYOND CAPACITY.
3. LOCATE DISCHARGE SITE ON FLAT UPLAND AREAS AS FAR AWAY AS POSSIBLE FROM STREAMS, WETLANDS, OTHER RESOURCES AND POINTS OF CONCENTRATED FLOW.
4. DOWN GRADIENT RECEIVING AREA MUST BE WELL VEGETATED OR OTHERWISE STABLE FROM EROSION. E.G. FOREST FLOOR OR COARSE GRAVEL/STONE.
5. DISCHARGE NOT PERMITTED WITHIN 25' OF A STREAM OR WETLAND. CONSULT DEP IF STRUCTURE MUST BE WITHIN 75' OF STREAM OR WATER BODY. SECONDARY CONTAINMENT MAY BE NECESSARY.

PUMPED DISCHARGE SEDIMENT CONTROL DEVICE ("DIRT BAG")

NOT TO SCALE

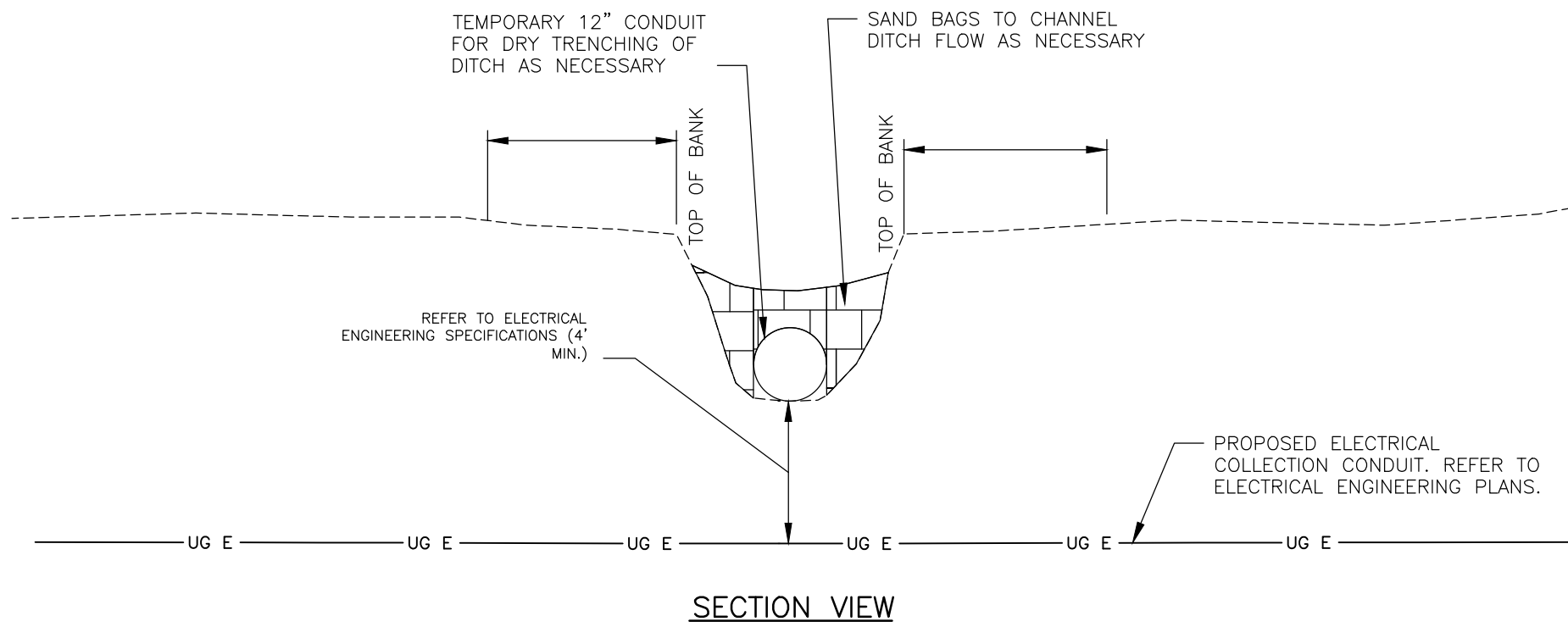
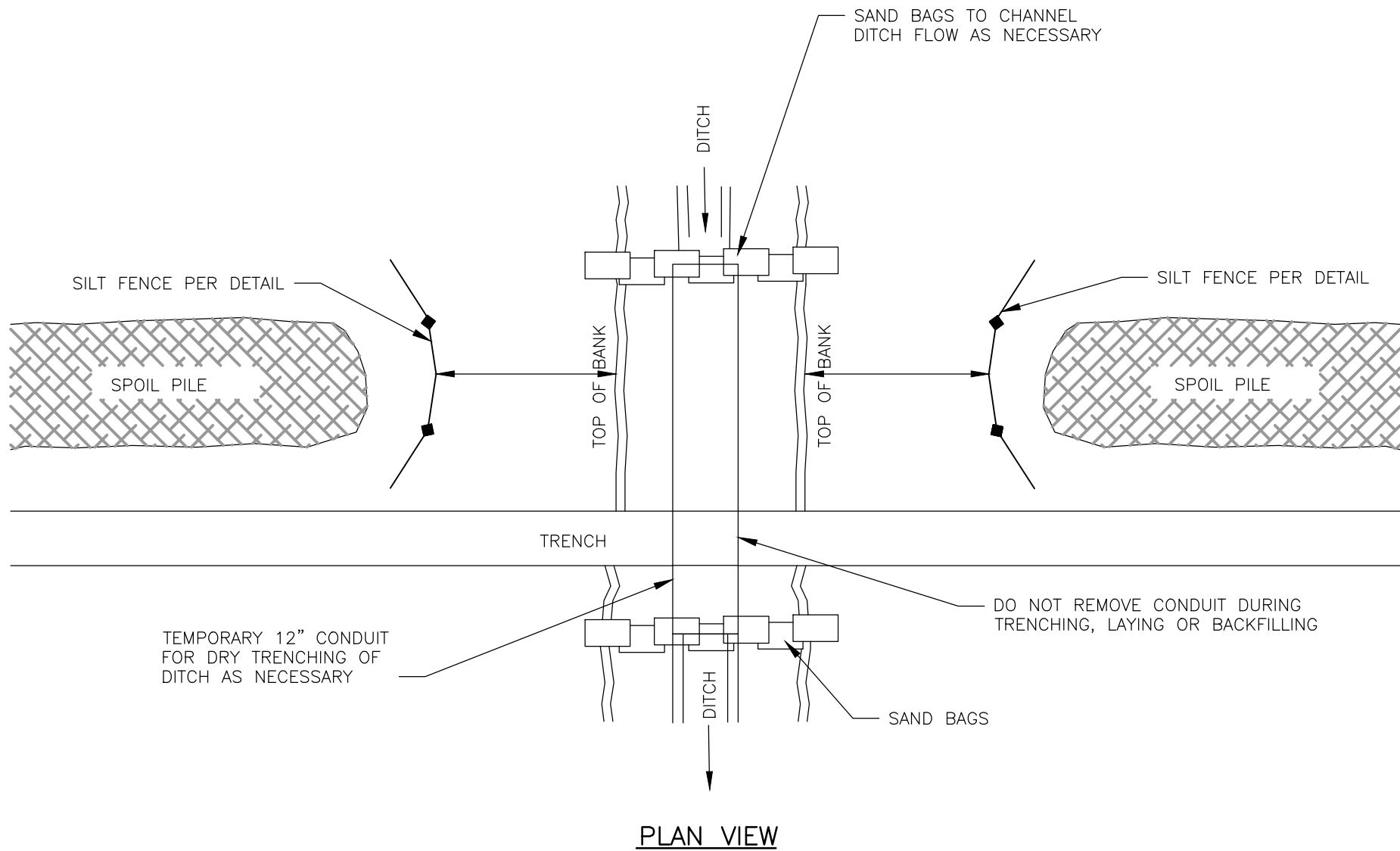
REV	DESCRIPTION	DATE	BY
7			
6			
5			
4			
3			
2			
1			

FA PROJECT NO. 175022	PROJECT MANAGER CS	DRAWN BY DP/JR	SCALE AS SHOWN	ISSUE DATE 7/21/18
--------------------------	-----------------------	-------------------	-------------------	-----------------------

PROJECT BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION	TITLE OF DRAWING 011 - DETAILS - E&S CONTROLS
---	--

DRAWING NO. C-072	SHEET 11 OF 90
----------------------	----------------

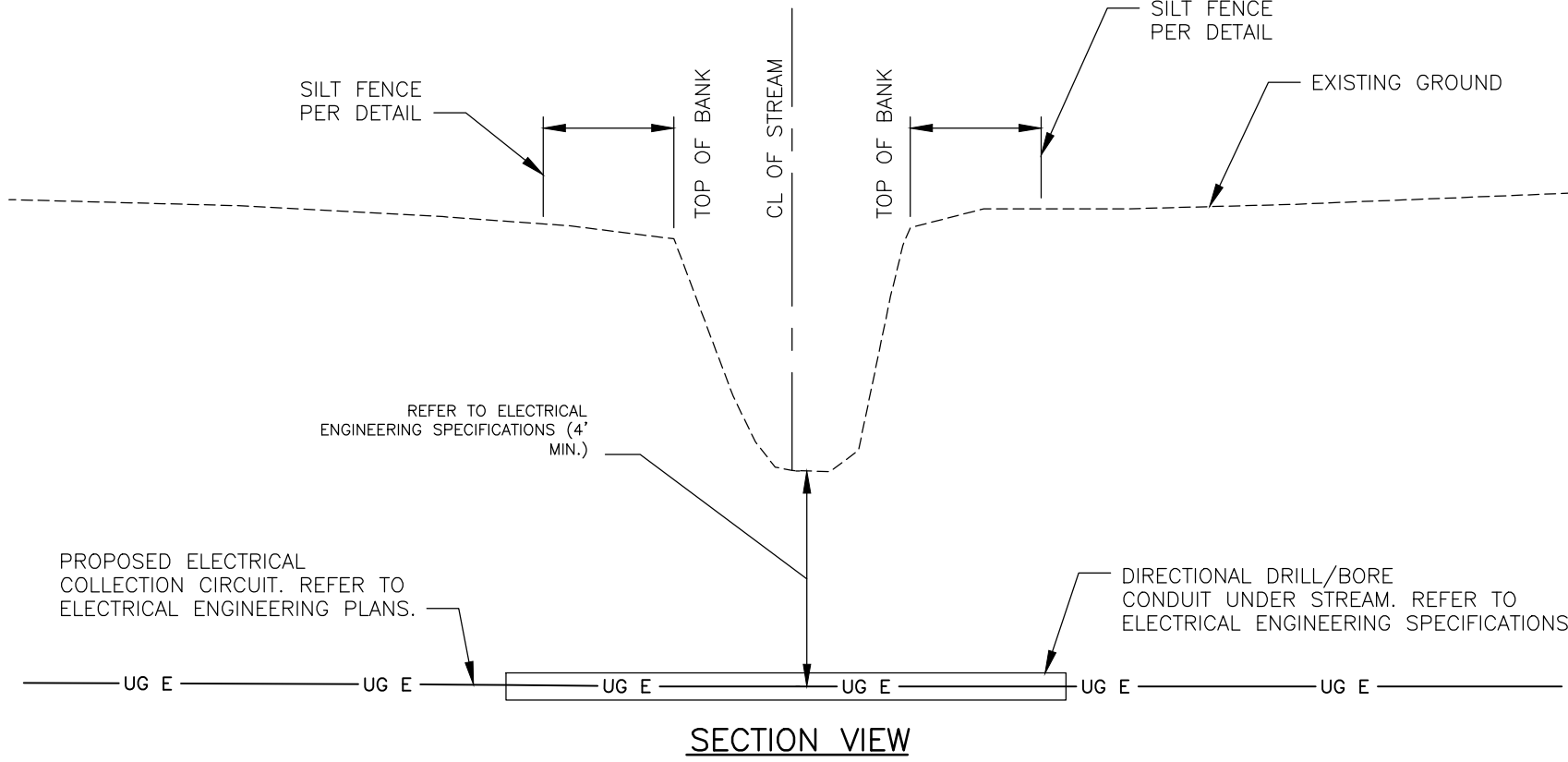
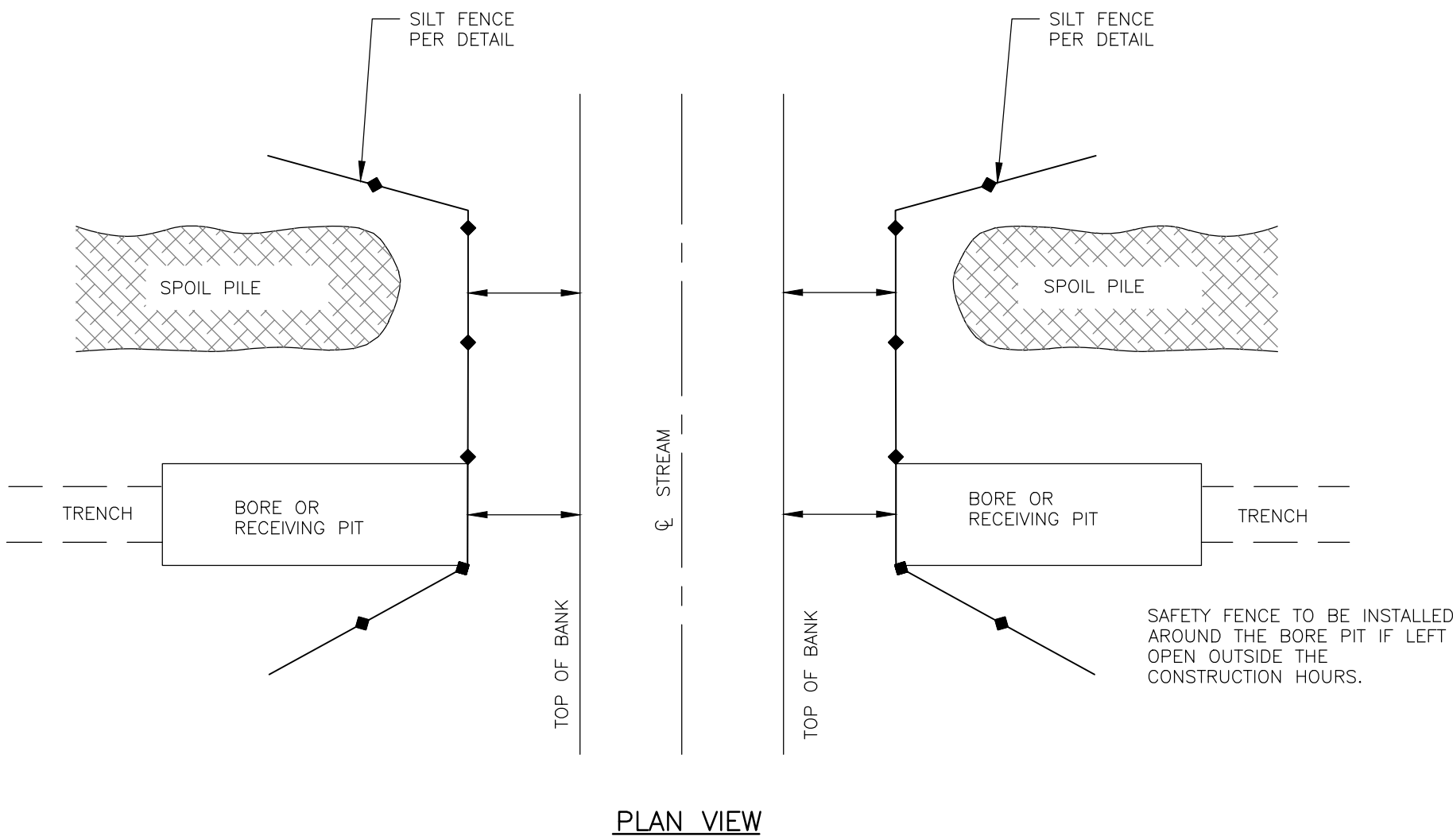
FILE NAME: H:\Projects\175022-00-Bluestone_Wind\Eng\CAD\CUT\175022_details.dwg
DATE/TIME: 8/30/2018 1:23:24 AM
USER: Doug Perrotto



- NOTES:
1. TEMPORARY SAND BAGS AND CONDUIT ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION WITHIN THE LIMITS OF THE DITCH. IN THE EVENT THAT THE DITCH IS DRYING DURING CONSTRUCTION, SAND BAGS AND CONDUIT ARE NOT NECESSARY.
 2. EXCAVATED TRENCH MATERIAL SHALL BE STOCKPILED ADJACENT TO THE TRENCH, NO CLOSER THAN 25' FROM THE TOP OF BANK OF THE DITCH.
 3. SILT FENCE SHALL BE INSTALLED BETWEEN THE STOCKPILED MATERIAL AND THE TOP OF BANK OF THE DITCH.
 4. IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE, PERMANENT STABILIZATION MEASURES SHALL BE APPLIED.
 5. REFER TO ELECTRICAL DESIGN FOR CONDUIT DEPTH AND TRENCH DETAILS.

**TYPICAL EROSION CONTROL & CLEARANCE DETAIL
FOR COLLECTION LINE OPEN CUT DITCH/TILE CROSSING**

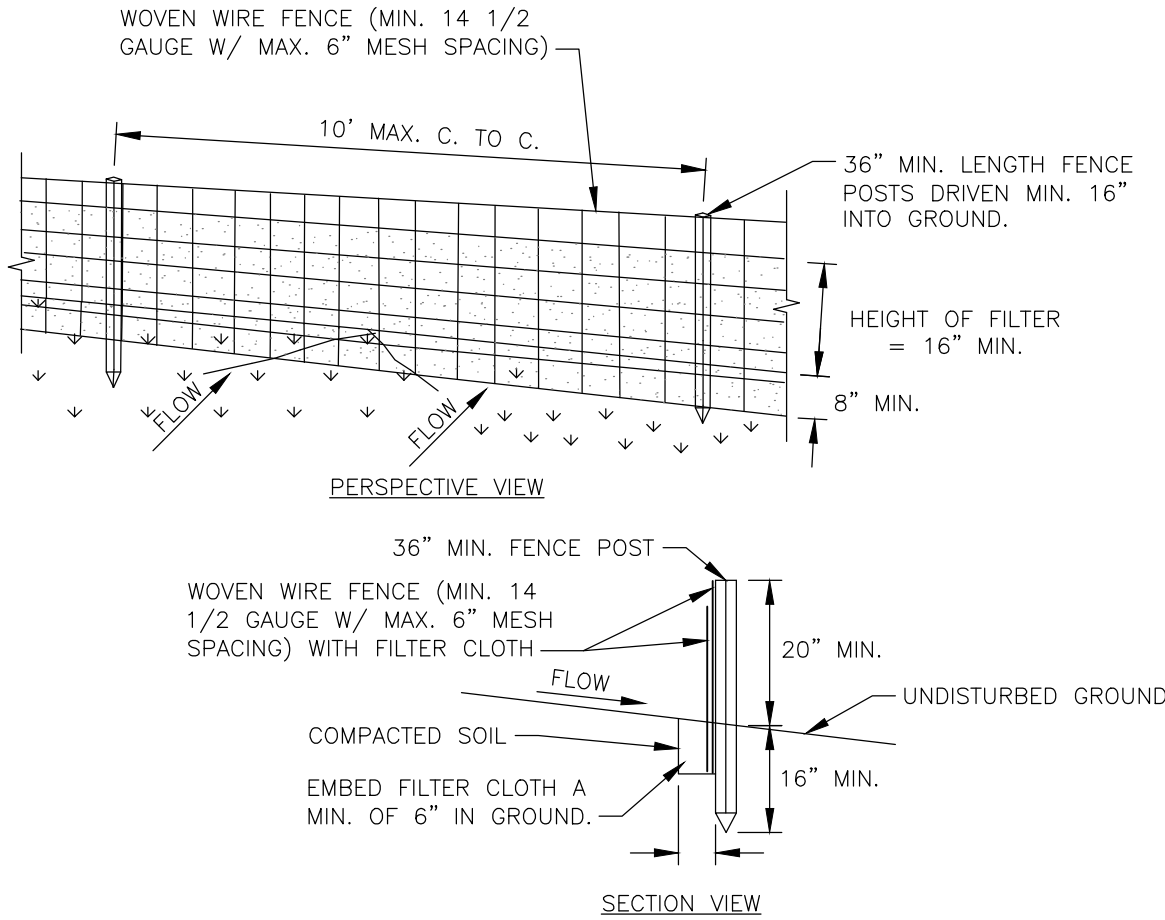
NOT TO SCALE



- NOTES:
1. EXCAVATED TRENCH AND BORE/RECEIVING PIT MATERIAL SHALL BE STOCKPILED ADJACENT TO THE TRENCH, NO CLOSER THAN 10' FROM THE TOP OF BANK OF THE DITCH.
 2. SILT FENCE SHALL BE INSTALLED BETWEEN THE STOCKPILED MATERIAL AND BORE/RECEIVING PIT AND THE TOP OF BANK ON BOTH SIDES OF THE STREAM.
 3. IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE, PERMANENT STABILIZATION MEASURES SHALL BE APPLIED.
 4. THERE SHALL BE NO DISTURBANCE TO THE STREAM DURING CONSTRUCTION.
 5. REFER TO ELECTRICAL DESIGN FOR CONDUIT DEPTH AND TRENCH DETAILS.

**TYPICAL EROSION CONTROL & CLEARANCE DETAIL FOR
COLLECTION LINE TRENCHLESS STREAM CROSSING**

NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS
1. 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.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILT FENCE

NOT TO SCALE

PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	
BLUESTONE WIND FARM TOWNS OF SANFORD AND WINDSOR BROMIE COUNTY, NEW YORK NOT FOR CONSTRUCTION		C-073	
TITLE OF DRAWING		SHEET 12 OF 90	
012 - DETAILS - E&S CONTROLS			
PROJECT		DRAWING NO.	