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March 28, 2017

Robert Stein, Chairman  
Connecticut Siting Council  
Ten Franklin Square  
New Britain, CT 06051

Re: Petition No. 1230  
Stony Hill Substation Project - Brookfield  
Conditions #2, #3 and #4

Dear Chairman Stein:

On June 24, 2016, The Connecticut Light and Power Company doing business as Eversource Energy ("Eversource") received a Declaratory Ruling from the Connecticut Siting Council ("Council") that a Certificate of Environmental Compatibility and Public Need would not be required for the work proposed in Petition No. 1230 (the "Project"), subject to conditions. The Council's Declaratory Ruling included conditions which Eversource must comply with in constructing the Stony Hill Substation ("Substation"). With this letter herewith submits Eversource's responses to the subject three conditions.

**Condition #2:** Eversource is submitting the attached final Site Plan ("Plan") for the Council's review and approval, which details road and substation clearing limits, contours, grading, drainage control and E&S controls".

In the letter dated November 1, 2016, Eversource notified the Council that the existing access will be used with modifications and minimal clearing. Since that time, Eversource has also reviewed and re-evaluated the civil requirements to accommodate the delivery, construction, installation of the Project components. Based on this supplemental review, the Plan includes the following modifications regarding the existing access road:

- Improvements to the existing access road on Eversource Property such that there will be created a temporary re-alignment of the existing access to support construction and a final permanent re-alignment prior to the completion of the Project.
- Replacement of the existing Substation 20 foot access gate from Stony Hill Road with a new 20 foot gate. The new gate would be relocated seven feet to the southeast from the existing location.
- Installation of a temporary retaining wall to provide safe vehicular travel on the temporary road during construction. The retaining wall would be removed after the installation of the permanent road.

The proposed modifications to the existing access road are necessary in order to:

- Avoid permanent wetland impacts.
- Avoid significant clearing. Additional, minimal vegetation removal would be required on the east and west side of the Substation driveway for construction materials.
- Avoid substantial re-grading and permanent retaining walls.
- Avoid interference with existing transmission infrastructure on the north side of the Substation that will be modified under Docket 468: Southwest Connecticut Reliability Project.

In addition, the proposed permanent access road alignment requires modification of the approved Substation expansion area:

- An angled entrance to the eastern side of the expansion area at lower grade resulting in a curved northeast corner and reduction in height and fill for the northeast corner slope.
- Slight alteration of originally proposed fence line on the southeast side of the approved expansion area.

The proposed modifications would be located entirely on Eversource Property and would avoid any impacts to the wetland areas around the Substation. Construction of the Project would conform to best management practices for erosion and sedimentation controls and the Company's other BMPs, as stated in Petition 1230 and as depicted on the attached Plan.

Installation of the temporary access road is proposed to commence in June 2017. The removal of the temporary road and the installation of the permanent access road are proposed to be completed by May 2018.

**Condition #3:** Eversource evaluated the re-use of "on-site material for slide-slope armoring" and determined the on-site material is not feasible because it is susceptible to erosion and does not provide the required stability.

**Condition #4:** The proposed construction hours are Monday through Saturday, 7:00 a.m. to 7:00 p.m. Sunday hours may be necessary due to unforeseen conditions such as inclement weather, or outage constraints.

Eversource provided the abutters/residents along the Deer Trail Drive an update on the Plan and the construction schedule.

Enclosed are fifteen (15) copies of this submission and one size D (22" x 34") copy of the Plan.

Sincerely,

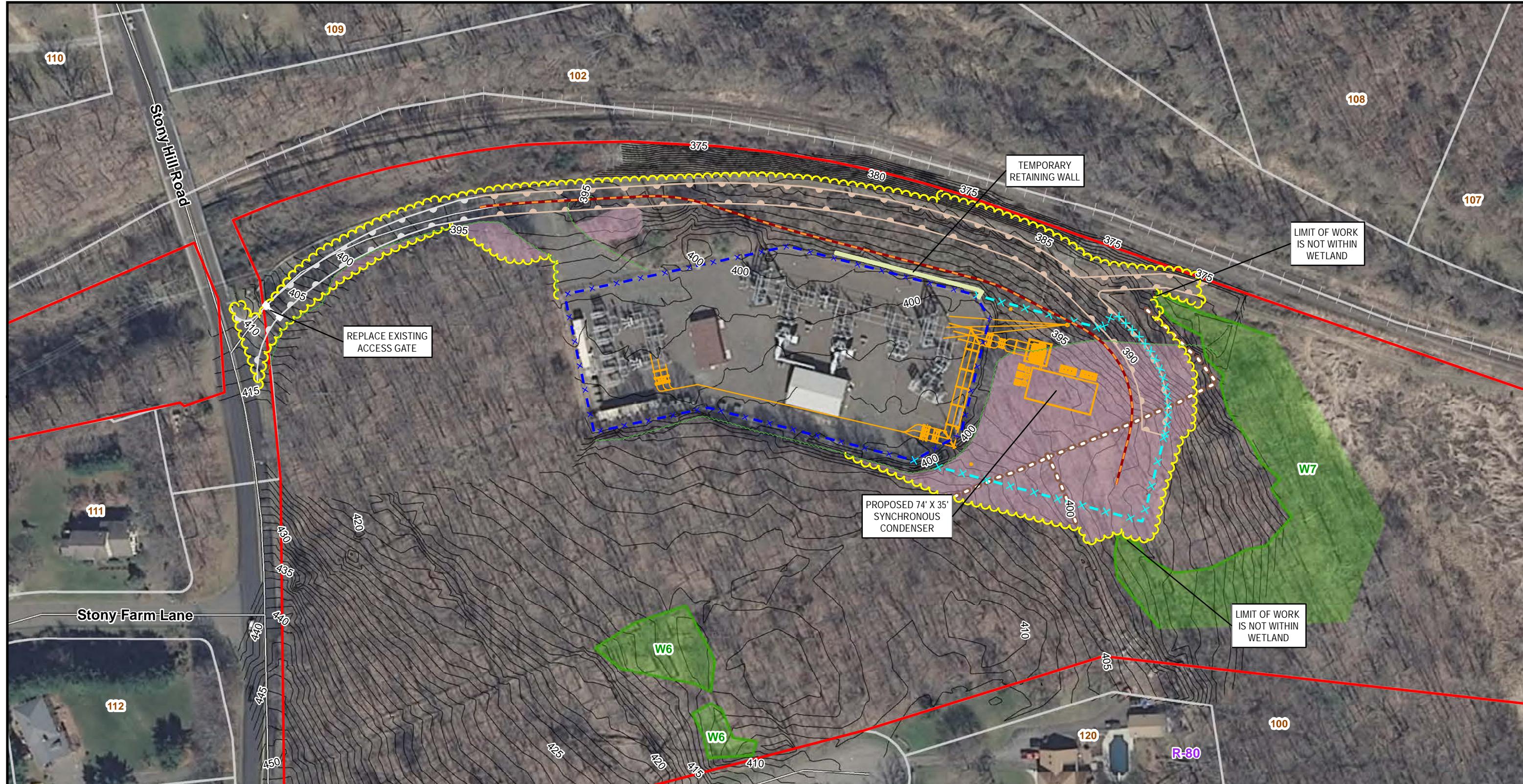


Kathleen M. Shanley

Attachment: Stony Hill Substation Site Plan

ATTACHMENT  
Petition No. 1230  
Stony Hill Substation Site Plan

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**Legend**

- Substation Expansion Limit of Work
- Substation Expansion
- Existing Fenceline
- Proposed Fenceline
- Existing Stonewall to be Removed
- Field Delineated Wetland Line
- Field Delineated Wetlands
- Railroad
- Parcel Boundary
- Eversource Property
- Town Boundaries
- Existing Tree Line
- 2ft Contour Line
- Area of Clearing
- Proposed Permanent Gravel Access Road
- Proposed Permanent Paved Access Road
- Centerline of Temporary Gravel Access Road
- R-80 Zoning Code Label

THIS DOCUMENT IS INTENDED FOR GENERAL PLANNING & INFORMATION PURPOSES ONLY. ALL MEASUREMENTS & LOCATIONS ARE APPROXIMATE

0 100 200  
Feet



## STONY HILL SUBSTATION SYNCHRONOUS CONDENSER

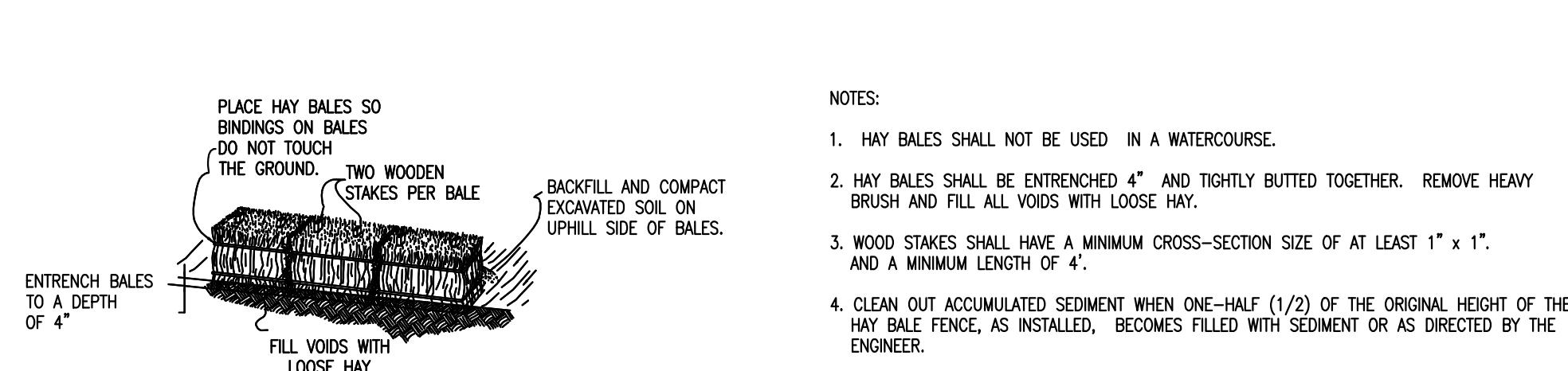
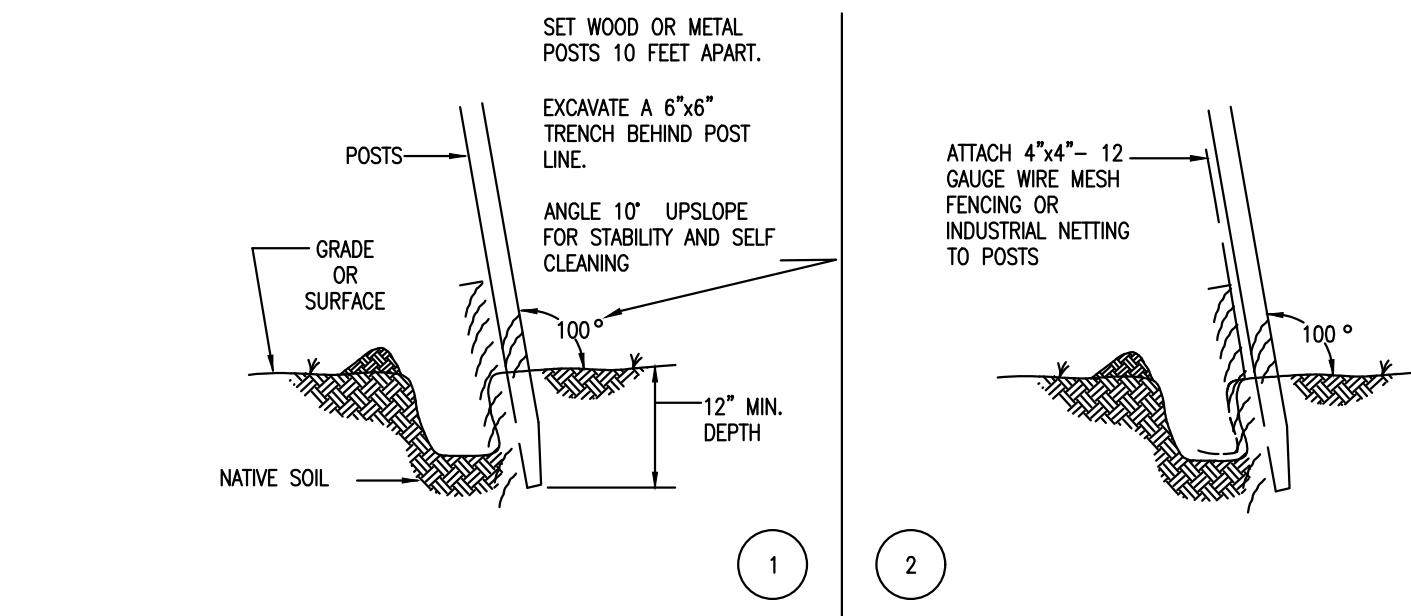
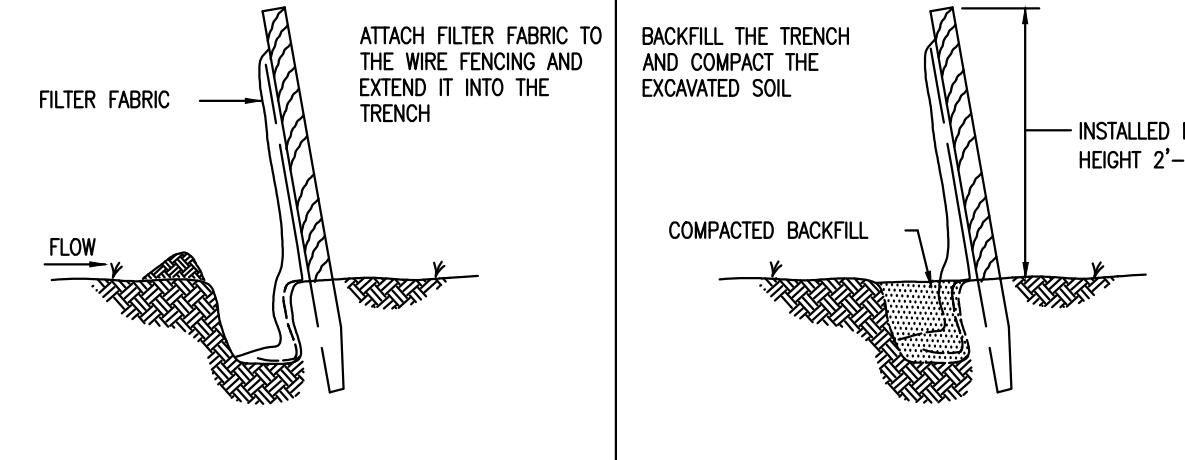
### Aerial Map

Brookfield, CT  
Page 1 of 1

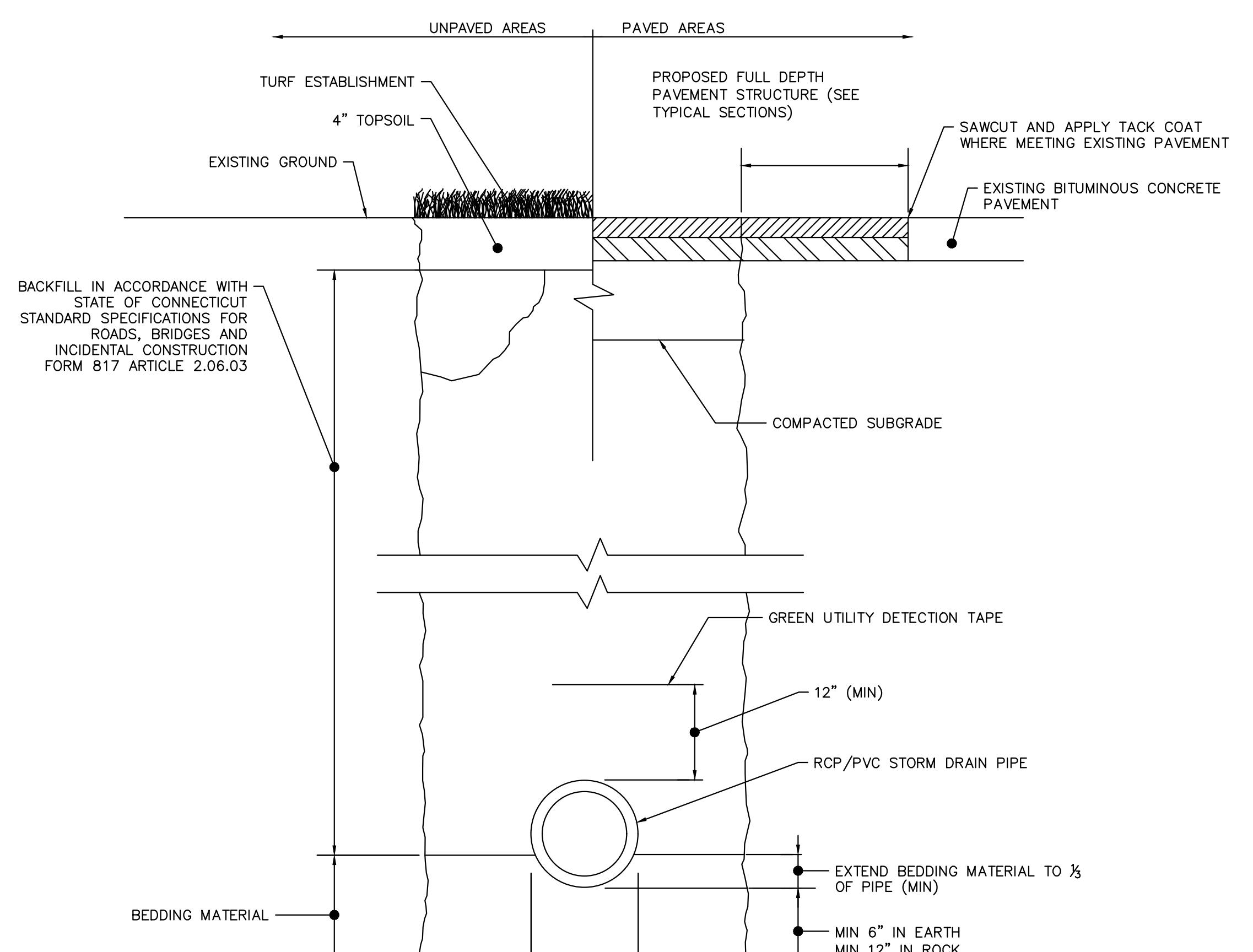
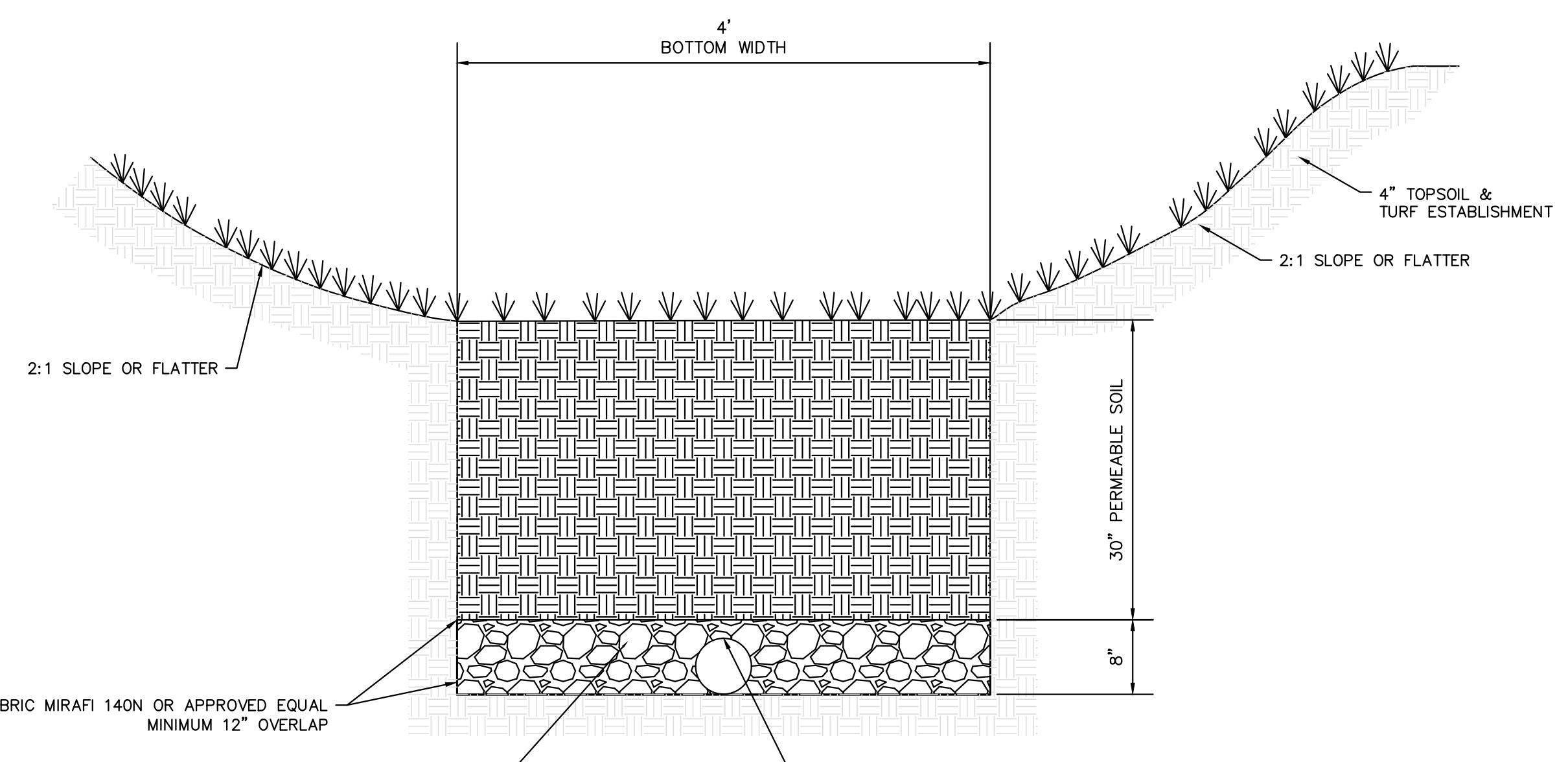
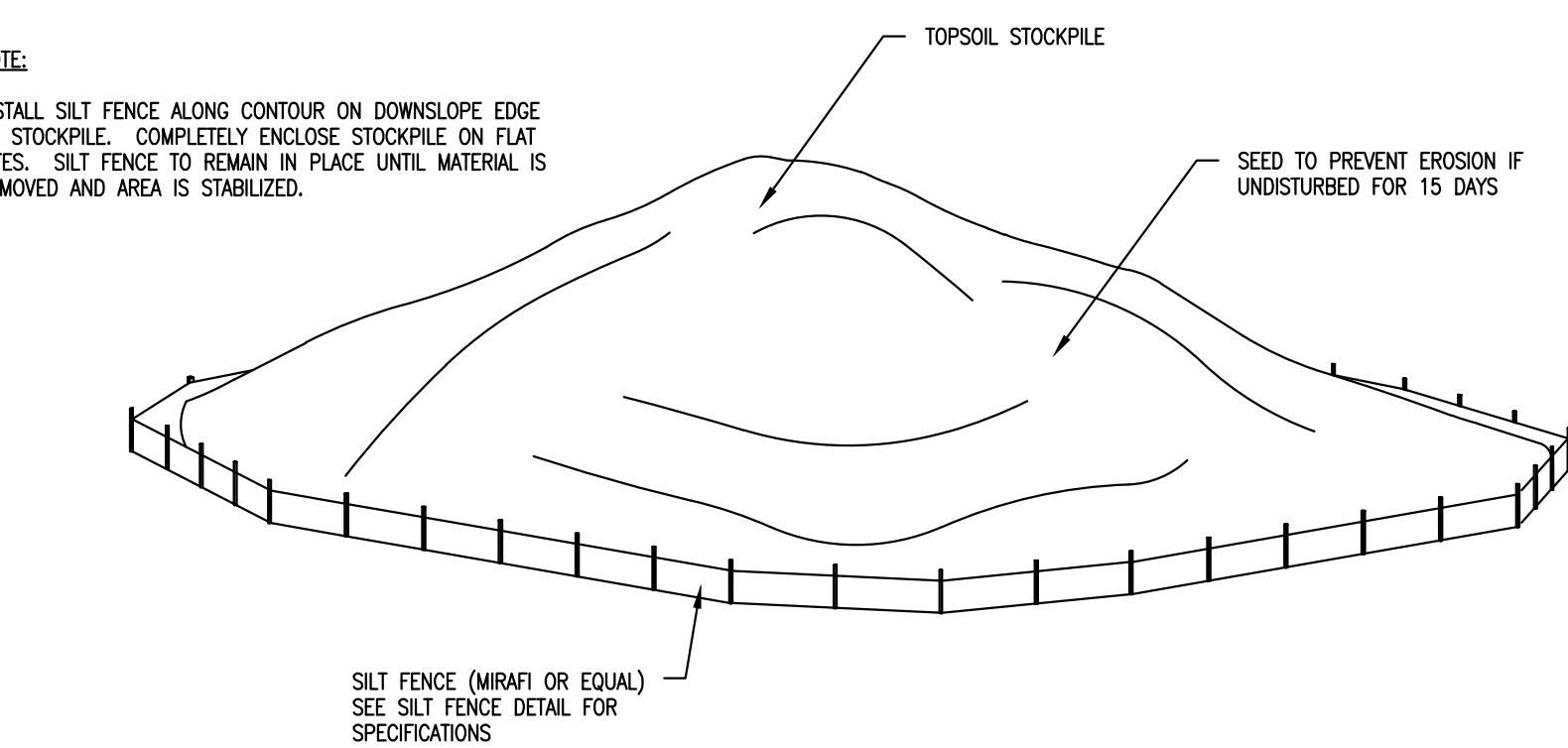
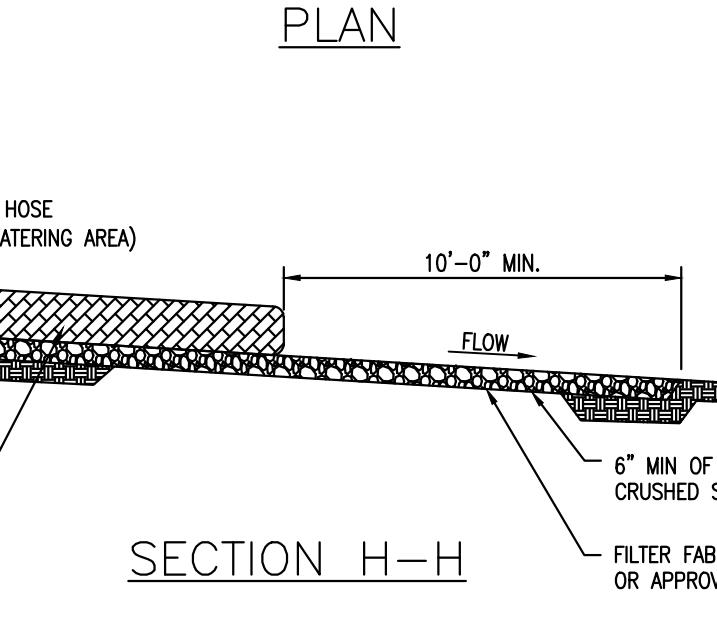
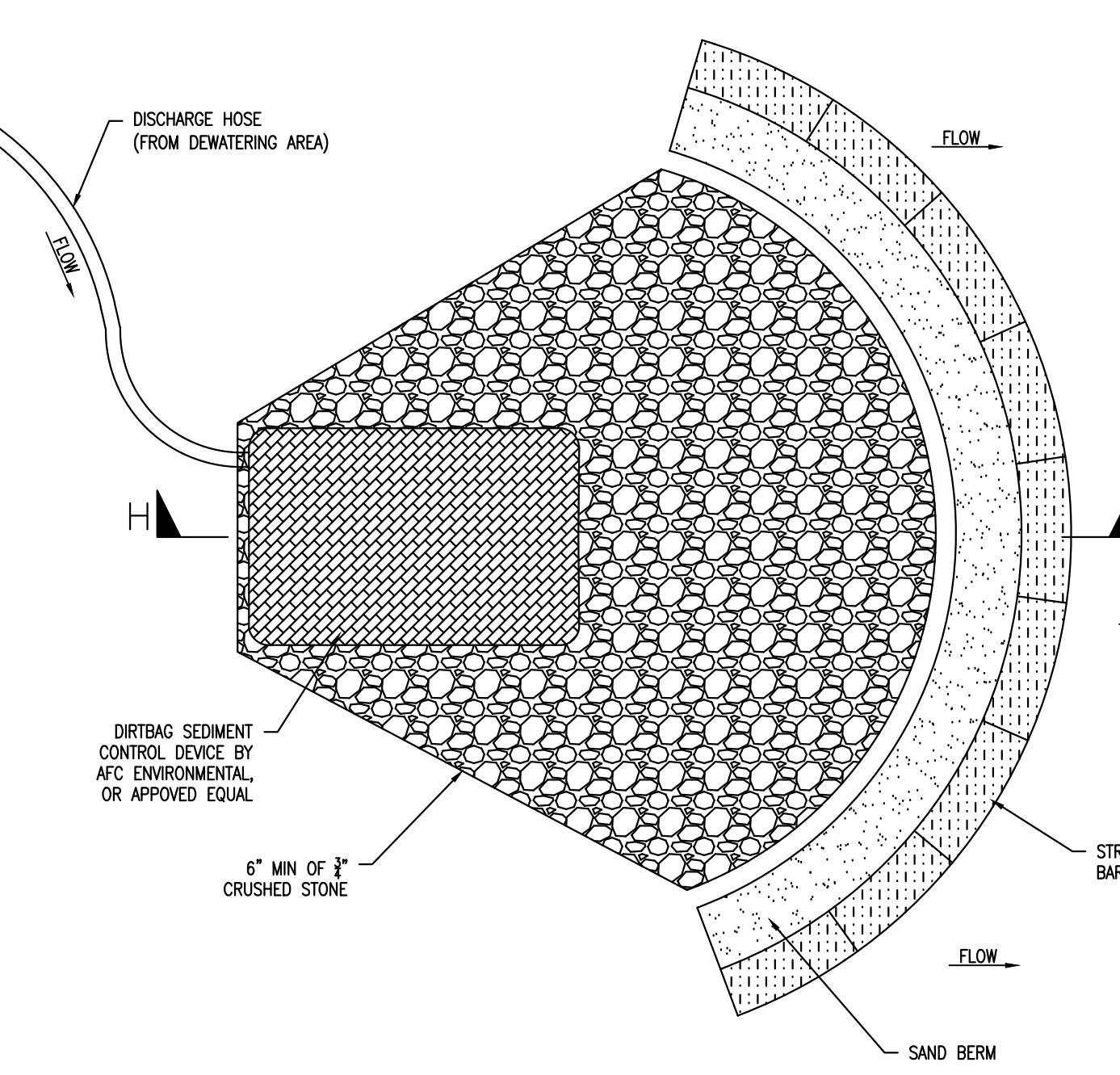
Source:  
-CT DEEP  
Basemap, Environmental Data,  
Aerial & Topo Imagery  
-BSC Group  
Field Delineated Data

**EVERSOURCE**  
BSC GROUP



HAY BALE SYSTEM  
NOT TO SCALE

NOTE: FENCE TO BE INSTALLED PRIOR TO CONSTRUCTION PREASSEMBLED UNITS ALSO MAY BE USED. INSTALLED AS INSTALLED.

FILTER FABRIC SILT FENCE  
PLACEMENT AND CONSTRUCTION  
NOT TO SCALESTORM DRAIN TRENCH DETAIL  
NOT TO SCALEDRY SWALE DETAIL  
NTSSTOCK PILE AREA  
NOT TO SCALEDEWATERING SYSTEM DETAIL  
NTS

**DEWATERING NOTES**

1. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND OPERATE ALL CHANNELS, SUMPS, AND ALL OTHER TEMPORARY DIVERSION AND PROTECTIVE WORKS, NEEDED THROUGH OR AROUND THE CONSTRUCTION SITE. CONTROL OF SURFACE WATER SHALL BE CONTINUOUS DURING THE PERIOD THAT DAMAGE TO CONSTRUCTION WORK COULD OCCUR.
2. OPEN EXCAVATIONS SHALL BE Dewatered AND KEPT FREE OF STANDING WATER AND MUDDY CONDITIONS AS NECESSARY FOR THE PROPER EXECUTION OF THE WORK. THE CONTRACTOR SHALL Dewater THE SITE, DRAIN, AND MAINTAIN ALL DRAINS, SUMPS AND ALL OTHER EQUIPMENT REQUIRED TO PROPERLY Dewater THE SITE. DewaterING SYSTEMS THAT CAUSE A LOSS OF SOIL FROM THE FOUNDATION AREAS SHALL NOT BE PERMITTED.
3. INSTALL DIVERSION DITCHES OR BERMS IF NECESSARY TO MINIMIZE THE AMOUNT OF CLEAN STORM WATER RUN-ON ALLOWED INTO EXCAVATED AREAS.
4. REMOVAL OF WATER FROM THE CONSTRUCTION SITE SHALL BE CONDUCTED IN A MANNER THAT PREVENTS THE TRANSPORTING OF SEDIMENT AND OTHER POLLUTANTS ARE MINIMIZED. ALL DewaterING DISCHARGES SHALL BE OUTSIDE OF RESOURCE AREAS.
5. Dewatering effluent discharge shall be in sheet flow.
6. Dewatering in periods of intense, heavy rain when the infiltrative capacity of the soil is exceeded, shall be conducted in a manner that minimizes soil erosion.
7. Flow to the sediment removal structure may not exceed the structure's capacity to settle and filter flow or the structure's volume capacity.
8. When temporary works are no longer needed, the contractor shall remove and return the area to a condition similar to that which existed before construction. Areas where temporary works were used shall be graded for soil appearance with no obstruction to natural surface water flows or the proper functioning and access to the site. All temporary structures shall be installed in a manner that minimizes the loss of soil and disturbance to areas that was trapped during construction.

**GENERAL SOIL EROSION CONTROL MEASURES**

1. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL."
2. EXPOSE THE SMALLEST PRACTICAL AREA OF THE SITE AT ANY ONE TIME. STABILIZE EXPOSED AREAS WITHIN 72 HOURS FROM DISTURBANCE.
3. INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS. CLEAN AND MAINTAIN UNTIL ADJACENT AREAS HAVE HEALTHY GRASS STANDS.
4. FILL MATERIAL SHALL BE FREE OF ORGANIC MATERIAL. PERIODICALLY CLEAN SEDIMENT FROM CATCHMENT AREAS AND DISPOSE IN A SECURE AREA. INSPECT SILT FENCE PERIODICALLY AND REPAIR DAMAGED AREAS.
5. MAINTAIN EROSION CONTROL MEASURES UNTIL VEGETATION IS ESTABLISHED.

**SILT FENCE CONSTRUCTION SPECIFICATIONS**

1. THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES, AS IN THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL."
2. THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 6 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
3. SILT FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.
4. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE Woven WIRE FENCE WITH A MINIMUM OF THREE TIES.
5. WHEN TWO SECTIONS OF FILTER CLOTH JOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY A MINIMUM OF 6 INCHES (24 INCHES).
6. HAWTHORN POSTS SHALL HAVE A MINIMUM CROSS-SECTION SIZE OF AT LEAST 1.5" X 1.5" AND A MINIMUM LENGTH OF 42". STEEL POSTS SHALL BE AT LEAST 0.5 POUNDS PER LINEAR FOOT WITH A MINIMUM LENGTH OF 48". SPACING BETWEEN POSTS SHALL NOT EXCEED 10 FEET AND ALL POSTS SHALL BE DRIVEN A MINIMUM OF 12" INTO THE GROUND.
7. SILT FENCE PLACED AT THE TOE OF SLOPES SHALL BE SET AT LEAST 6 FEET FROM THE TOE OF SLOPE.
8. MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BULGES IN THE SILT FENCE DUE TO DEPOSITION OF SEDIMENT.

**SILT FENCE MAINTENANCE**

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
2. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHALL BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
4. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY, AND VEGETATED.

**EROSION AND SEDIMENTATION CONTROL NOTES**

1. EROSION & SEDIMENT CONTROLS SHOWN ON PLANS ARE MINIMUM REQUIREMENTS. CONTRACTOR SHALL IMPLEMENT ADDITIONAL EROSION & SEDIMENT CONTROLS AS NECESSARY TO FULLY COMPLY WITH THE REQUIREMENTS OF THE CT DEEP REQUIREMENTS AND ALL APPLICABLE PERMITS.
2. SEDIMENT BASINS AND TRAPS (WHERE REQUIRED), PERIMETER BERMS, SEDIMENT BARRIERS, CATCH BASIN PROTECTION AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTION BEFORE UPGRADING LAND DISTURBANCE TAKES PLACE.
3. THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE EROSION AND SEDIMENT CONTROL PLAN AND PROJECT PLANS AND SPECIFICATIONS. CT DEEP REQUIREMENTS AND APPLICABLE PERMITS SHALL BE OBSERVED. ALL RUNOFF FROM DISTURBED AREAS IS DIVERTED TO THE SEDIMENT CONTROL DEVICES, AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROLS. MEASURES UNTIL THE AREAS DRAINING TO THE FINAL STABILIZED CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN EFFECTIVE EROSION AND SEDIMENTATION CONTROL MEASURES UNTIL THE AREAS ARE STABILIZED. CONTRACTOR AND OWNER'S REPRESENTATIVE SHALL CONDUCT INSPECTIONS AND REPORTING IN ACCORDANCE WITH ALL PERMITS.
4. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE CONTROLS OR BEST MANAGEMENT PRACTICES (BMPs) TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY FOR PERMIT COMPLIANCE.
5. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH APPLICABLE PUBLISHED STANDARDS AND SPECIFICATIONS AND THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL (THE GUIDELINES).
6. ALL DISTURBED AREAS SHALL HAVE SOIL, MULCH, OR OTHER APPROVED STABILIZATION MEASURES APPLIED TO DISTURBED AREAS WITHIN SEVEN (7) CALENDAR DAYS AFTER ACTIVITIES ON THAT AREA HAVE CEASED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. ACTIVE CONSTRUCTION AREAS MAY BE EXEMPTED, PROVIDED THAT PROPER CONTROL IS IN PLACE AND MAINTAINED.
7. AREAS WHICH HAVE NOT BEEN USED FOR SEVEN (7) CALENDAR DAYS SHALL BE STABILIZED THROUGH COVERING, OR THE APPLICATION OF SEED, SEED, AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES. ALL STOCKPILES SHALL BE IN UPLAND AREAS.
8. ALL CATCH BASINS OR OTHER DRAIN INLETS WHICH MAY RECGR STRUMMATOR FROM DISTURBED AREAS OR WITHIN 50 FEET OF THE ACTIVE WORK AREA (WHICHEVER IS GREATER) SHALL BE PROVIDED WITH CATCH BASIN INLET PROTECTION (E.G., SILT SACKS OR EQUIVALENT INLET PROTECTION) TO FILTER SEDIMENT-LADEN STRUMMATOR.
9. EFFLUENT FROM Dewatering OPERATIONS SHALL BE PUMPED EITHER TO SEDIMENT TANKS AND/OR SEDIMENT TRAPS, WITH OUTLOW Dewatering SHALL BE PERFORMED IN ACCORDANCE WITH THE GUIDELINE AND PROJECT SPECIFICATIONS IN UPLAND AREAS AND IN A MANNER THAT DOES NOT ADVERSELY AFFECT AREAS OUTSIDE OF THE LIMIT OF WORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT SCATTERING AND RISING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE CONTROLS ACCORDING TO THE GUIDELINES AND SPECIFICATIONS.
11. ALL REGULAR CONSTRUCTION WASTE GENERATED IN THE SITE SHALL BE SECURELY CONTAINED IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS. CONSTRUCTION WASTE SHALL BE EMAILED ON A REGULAR BASIS AND AS NECESSARY, NO CONSTRUCTION WASTE OR DEBRIS SHALL BE BURIED ON SITE.
12. PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES THE CONTRACTOR SHALL STABILIZE ALL CONTRIBUTOR AREAS USING STONE, GRAVEL, PAVEMENT, SOIL, OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED MULCH.
13. AREAS WITH SLOPES STEEPER THAN 3:1 (H:V) NOT OTHERWISE SURFACED SHALL BE RESTORED WITH 4 INCHES OF LOAM AND SEEDED, AND FURTHER PROTECTED WITH EROSION CONTROL MATTING.
14. ALL MATERIAL STAGING AND STORAGE AREAS SHALL BE IN UPLAND AREAS. AREAS SHALL BE ADDED TO PLANS BY CONTRACTOR AND COORDINATED WITH ENVIRONMENTAL MONITOR AND/OR OWNER.

**VEGETATIVE PRACTICE**

THE CONTRACTOR SHALL MAINTAIN ALL LOAM AND SEED AREAS UNTIL FINAL ACCEPTANCE AT THE COMPLETION OF THE CONTRACT. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, REMOVAL OF STONES AND OTHER FOREIGN OBJECTS OVER 1/2 INCHES IN DIAMETER WHICH MAY DAMAGE PLANTS, AND REMOVAL OF EXCESSIVE WEEDS. AREAS SHALL BE GRADED, LINED AND FERTILIZED, AND RESEEDED BY THE CONTRACTOR AT HIS EXPENSE AS MANY TIMES AS NECESSARY TO SECURE GOOD GROWTH. THE ENTIRE AREA SHALL BE MAINTAINED, WATERED AND CUT UNTIL ACCEPTANCE OF THE VEGETATION BY THE OWNER'S REPRESENTATIVE.

## FOR TEMPORARY PROTECTION OF DISTURBED AREAS:

MULCH AND SEEDING SHALL BE APPLIED AT THE FOLLOWING RATES:

|               |                                     |
|---------------|-------------------------------------|
| MULCH         | 2 TONS/ACRE                         |
| PERENNIAL RYE | 0.7 LBS./1,000 S.F. OR 30 LBS./ACRE |

SEEDED AREAS WILL BE FERTILIZED AND RESEEDED AS NECESSARY TO ENSURE VEGETATIVE ESTABLISHMENT.

ANY DRAINAGE SWALES WILL BE CHECKED WEEKLY AND REPAIRED WHEN NECESSARY UNTIL ADEQUATE VEGETATION IS ESTABLISHED.

**REV AJ NEW DRAWING**

| REVISIONS DURING CONSTRUCTION |           |  |           |    |   |
|-------------------------------|-----------|--|-----------|----|---|
| AJ                            | 3/09      | SYNCHRONIZED CONDENSER ADDITION, WO# 404398514 | EW        | SG |   |
| DATE                          | 3/09/2017 | 404398514                                      | 404398514 |    |   |
| REVISION                      | 1         | 1  | 1         | 1  | 1 |
| REVISION                      | 2         | 2  | 2         | 2  | 2 |
| REVISION                      | 3         | 3  | 3         | 3  | 3 |
| REVISION                      | 4         | 4  | 4         | 4  | 4 |
| REVISION                      | 5         | 5  | 5         | 5  | 5 |


STONY HILL 48C  
ACCESS ROAD  
CIVIL PLANS & DETAILS  
BROOKFIELD, CT


|         |                |                    |              |         |              |         |
|---------|----------------|--------------------|--------------|---------|--------------|---------|
| REV     | EW/M (AJ ENG.) | OND                | EW (AJ ENG.) | APP     | RG (AJ ENG.) | APP     |
| DATE    | 2/2017         | DATE               | 2/2017       | DATE    | 2/2017       | DATE    |
| SIZE    | N.T.S.         | SIZE               | E            | SIZE    | 2 PAGES      | SIZE    |
| V-SCALE | N.T.S.         | V-SCALE            | N.T.S.       | V-SCALE | N.T.S.       | V-SCALE |
| REV     | 1              | 2                  | 3            | 4       | 5            | 6       |
| NO.     | DATE           | AS BUILT REVISIONS | BY           | CHK     | APP          | APP     |
| REV     | 1              | 2                  | 3            | 4       | 5            | 6       |
| NO.     | DATE           | AS BUILT REVISIONS | BY           | CHK     | APP          | APP     |

EVERSOURCE  
ENERGY

11804-11024 PG 2

AI Engineers, Inc.





**ALL EXCAVATION MUST BE PERFORMED WITH CAUTION**

**ALL EXCAVATION MUST BE PERFORMED WITH CAUTION**

1. THIS SUBSTATION CONTAINS ENERGIZED CONDUITS AND DUCT BANKS.
2. THIS SUBSTATION MAY ALSO CONTAIN BURIED SERVICES SUCH AS WATER LINES, GAS LINES, SEWER LINES AND STORM WATER LINES.
3. THE CONDUIT DRAWING(S) AND SITE DRAWINGS(S) MUST BE THOROUGHLY REVIEWED PRIOR TO PERFORMING ANY EXCAVATION.
4. THE SITE AND CONDUIT DRAWINGS REFLECT THE BEST AVAILABLE INFORMATION FOR THE EXISTING LOCATION AND ROUTING OF THE CONDUITS, DUCT BANKS, AND OTHER FACILITY SERVICES.
5. THE ACCURACY HOWEVER MAY VARY SIGNIFICANTLY IN THE FIELD BASED ON THE AGE OF THE SUBSTATION AND INFORMATION RETAINED OVER THE YEARS.

THEREFORE EXCAVATION ACTIVITIES MUST BE ASSUMED THAT THERE MAY BE AN UNKNOWN BURIED CONDUIT, DUCT BANK OR OTHER SERVICES IN CLOSE PROXIMITY

|  |  |
|--|--|
| IN close proximity.  |  |
| P.E. NO. 2   |  |
| DATE   |  |
| is valid only if it bears an original signature and<br>of the designated licensed professional. Any alterations<br>document null and void. |  |

# AI Engineers, Inc.

| LOCATION POINT TABLE    |            |            |
|-------------------------|------------|------------|
| Point Description       | Northing   | Easting    |
| START STATION P.C. 0+00 | 719617.736 | 824716.541 |
| P.T. STATION 03+38.99   | 719769.532 | 825008.363 |
| P.C. STATION 04+73.70   | 719776.981 | 825142.816 |
| P.T. STATION 05+45.69   | 719768.120 | 825213.869 |
| P.C. STATION 06+28.63   | 719743.290 | 825293.002 |
| P.T. STATION 06+48.46   | 719737.824 | 825312.061 |
| P.C. STATION 08+45.99   | 719688.099 | 825503.232 |
| PT STATION 08+78.55     | 719676.561 | 825533.608 |
| PC STATION 09+64.88     | 719637.348 | 825610.520 |
| PT STATION 11+00.47     | 719522.880 | 825661.823 |
| END STATION 11+54.98    | 719470.156 | 825647.990 |


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|-------------------------------|------|--|----|----|--|
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|                               |      |  |    |    |  |
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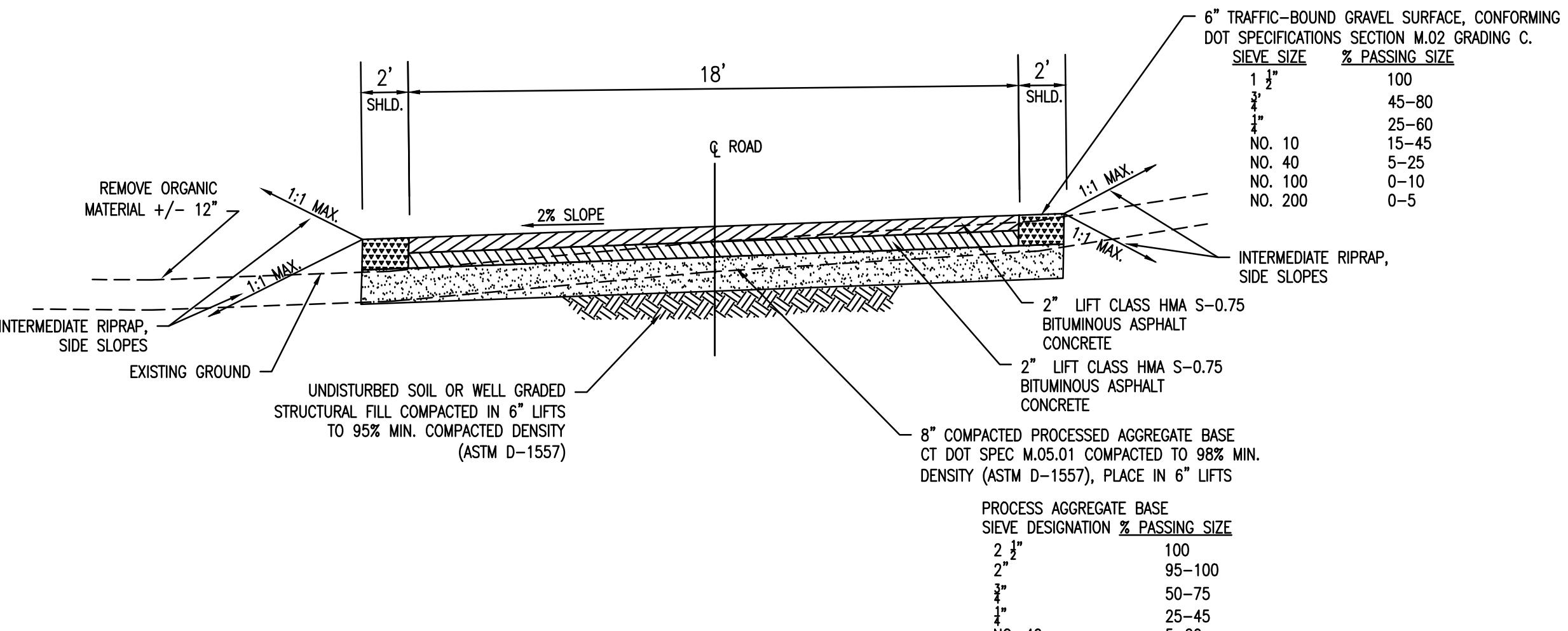
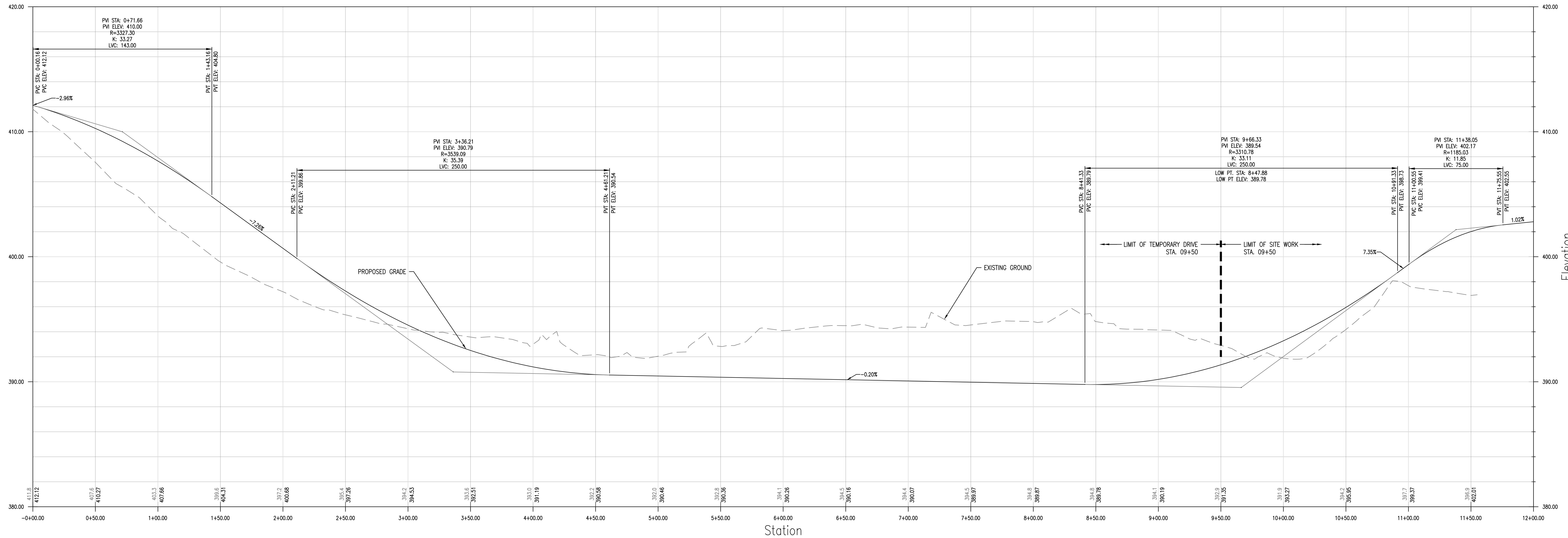
# EVERSOURCE

# ENERGY

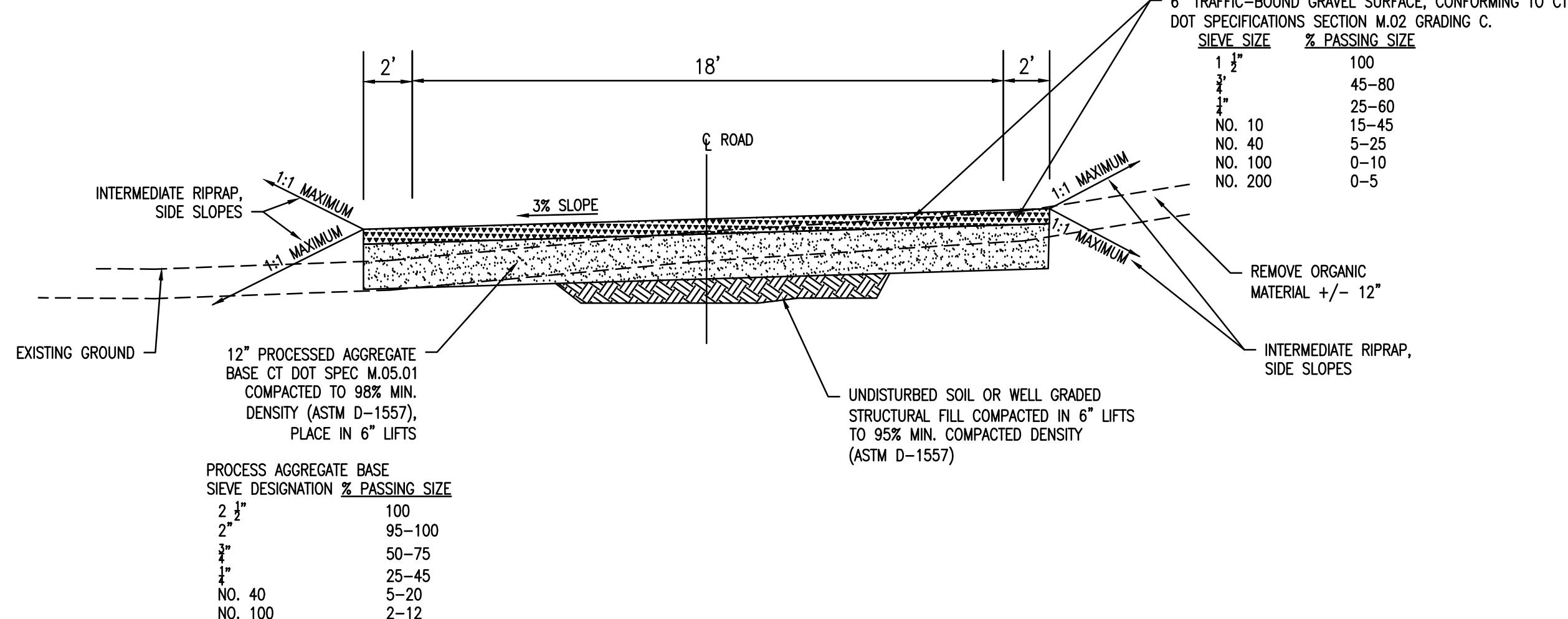
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## TEMPORARY ACCESS DRIVE PROFILE



TYPICAL PERMANENT ACCESS PAVED ROAD SECTION  
STA 0+00 to STA 2+50  
N.T.S.

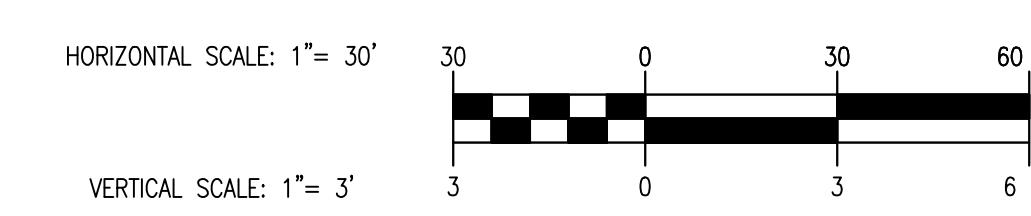
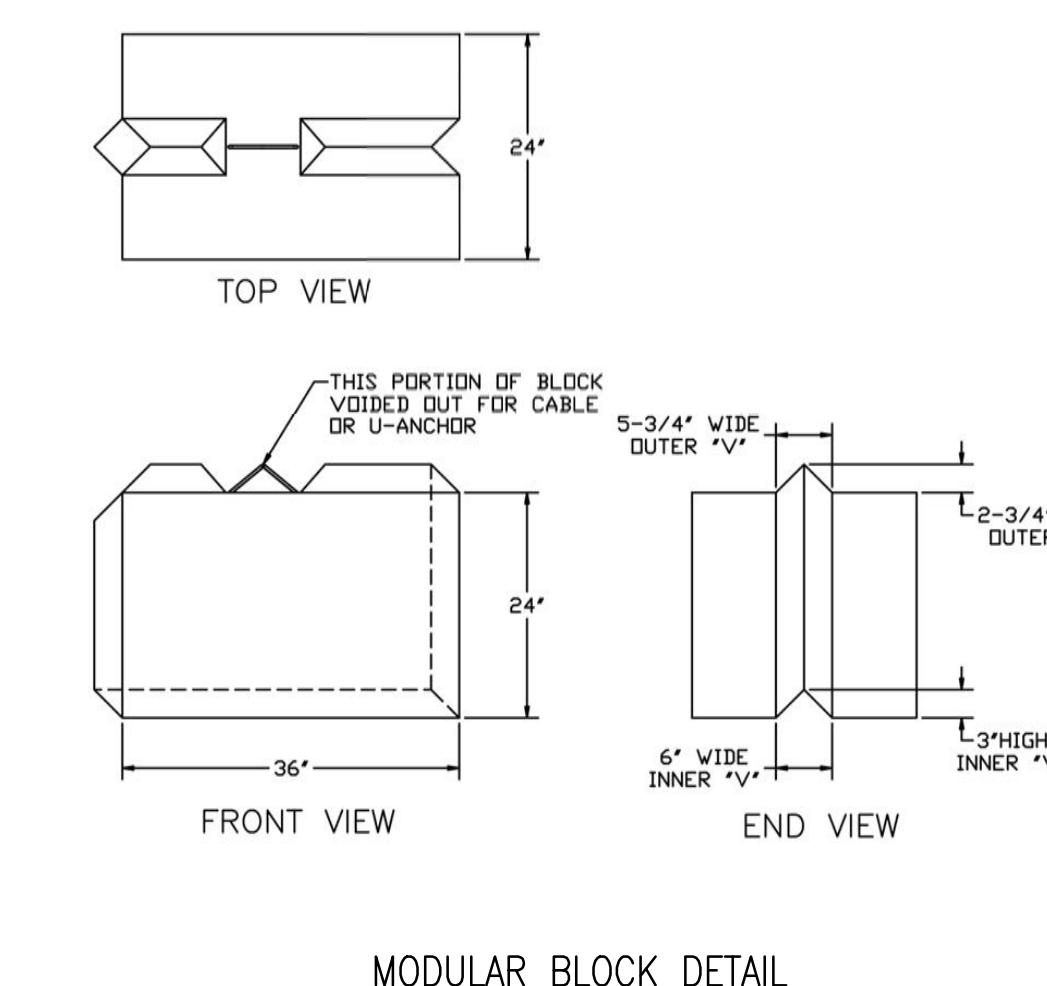
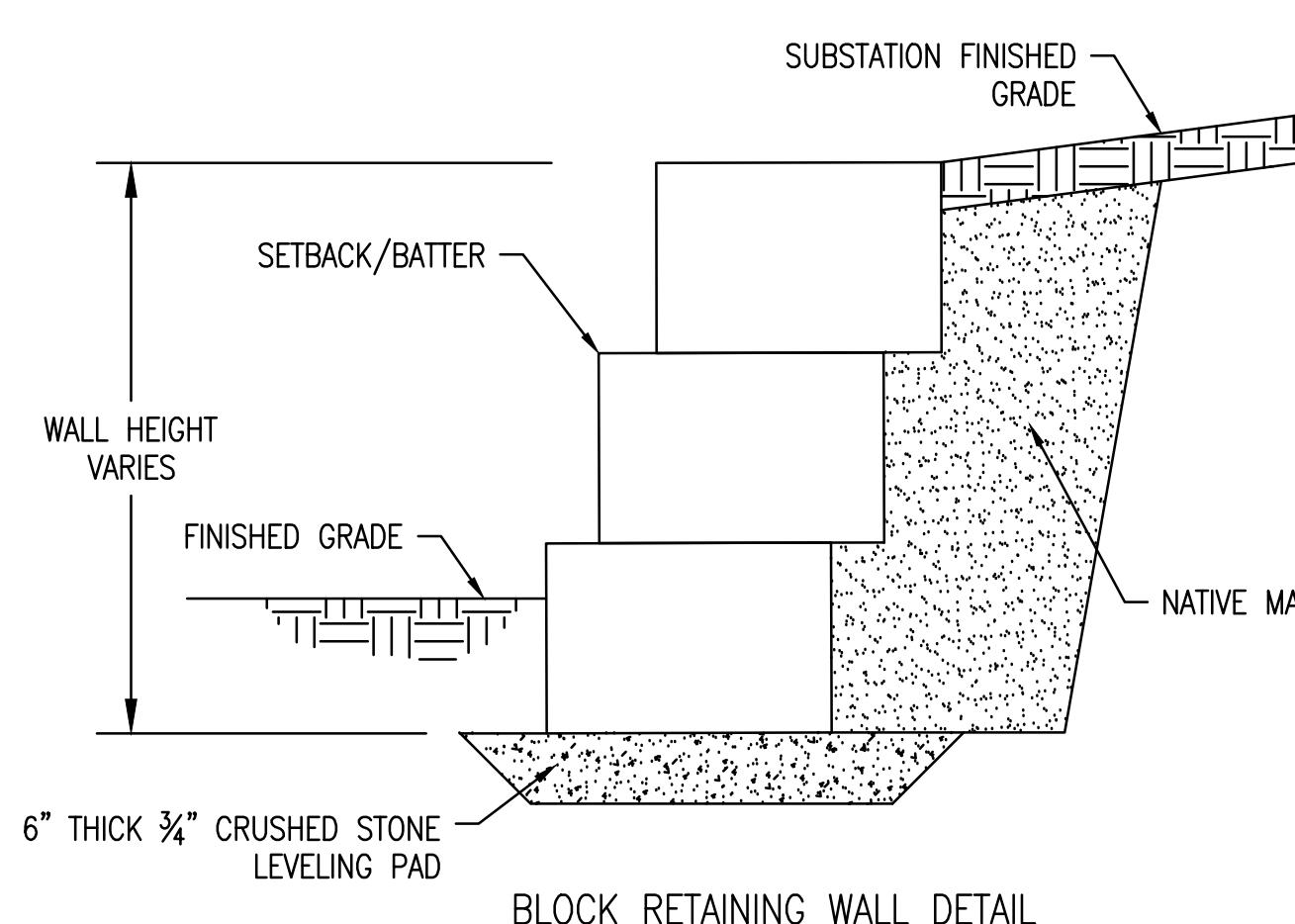


TYPICAL TEMPORARY GRAVEL ACCESS ROAD SECTION  
STA 2+50 TO STA 9+50  
N.T.S.

NOTE: CONSTRUCTION SPECIFICATIONS ARE BASED ON THE CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 817 DATED 2016 AND ANY SUBSEQUENT SUPPLEMENTAL SPECIFICATIONS.

## MATERIALS LIST

| <u>ITEM</u>                       | <u>QUANTITY</u> |
|-----------------------------------|-----------------|
| EARTH EXCAVATION                  | 1625 C.Y.       |
| ROCK EXCAVATION                   | 15 C.Y.         |
| SAWCUT PAVEMENT                   | 110 L.F.        |
| BORROW                            | 1380 C.Y.       |
| FORMATION OF SUBGRADE             | 3040 S.Y.       |
| ANTI-TRACKING PAD                 | 100 S.Y.        |
| TRAFFIC BOUND GRAVEL SURFACE      | 390 C.Y.        |
| SEDIMENTATION CONTROL SYSTEM      | 1220 L.F.       |
| PROCESS AGGREGATE                 | 940 C.Y.        |
| HMA S-0.375                       | 150 TON         |
| MATERIAL FOR TACKCOAT             | 40 GAL          |
| INTERMEDIATE RIPRAP               | 134 C.Y.        |
| TEMPORARY EARTH RETAINING SYSTEM  | 1030 S.F.       |
| $\frac{3}{4}$ " CRUSHED STONE     | 13 C.Y.         |
| GEOTEXTILE                        | 630 S.Y.        |
| TOPSOIL                           | 1255 S.Y.       |
| TURF ESTABLISHMENT                | 1255 S.Y.       |
| TRAFFICPERSON (UNIFORMED FLAGGER) | 40 HR.          |
| METAL BEAM RAIL RESET             | 285 L.F.        |



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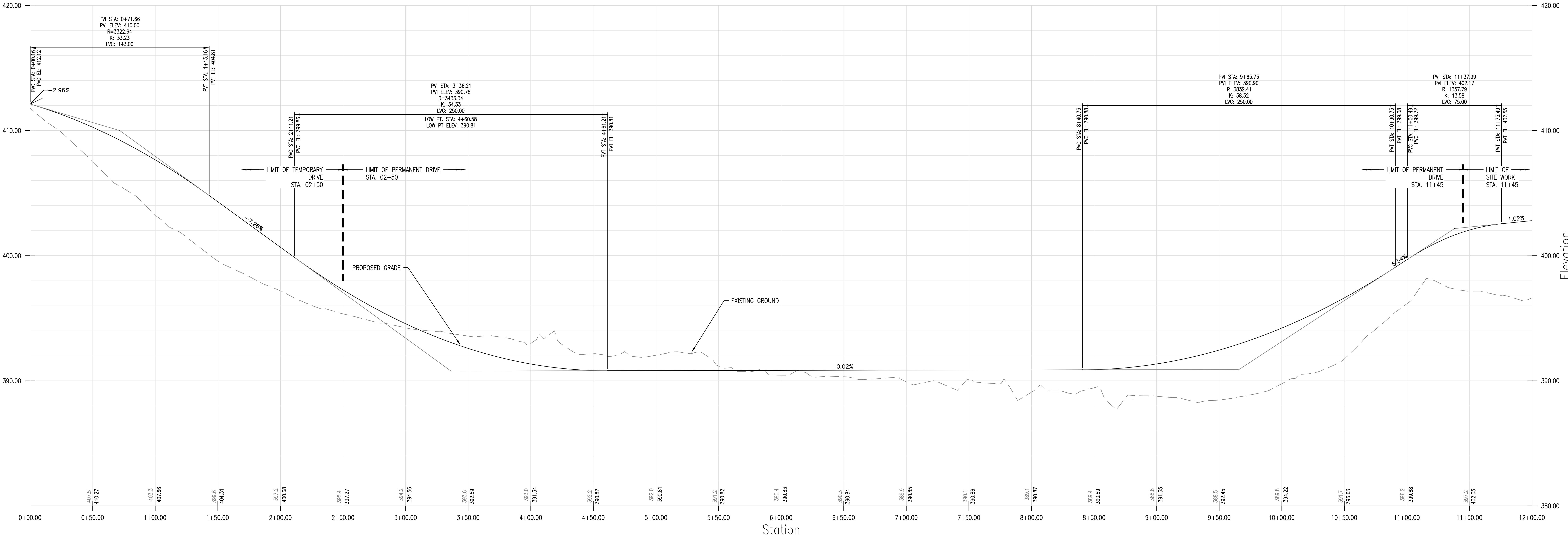
ROBERT GALLO DATE

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# AI Engineers, Inc.

# REV AJ NEW DRAWING

## PROFILE PERMANENT ACCESS DRIVE

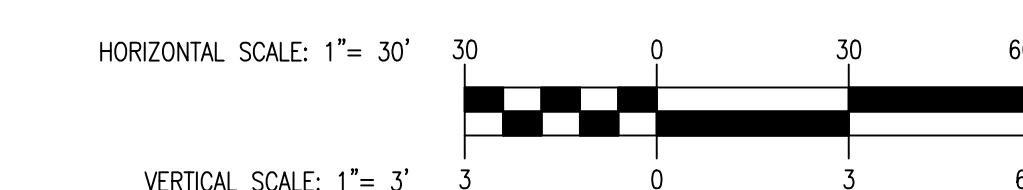


NOTE: CONSTRUCTION SPECIFICATIONS ARE BASED ON THE CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 817 DATED 2016 AND ANY SUBSEQUENT SUPPLEMENTAL SPECIFICATIONS

## MATERIALS LIST

| ITEMS                        | QUANTITY  |
|------------------------------|-----------|
| EARTH EXCAVATION             | 1935 C.Y. |
| ROCK EXCAVATION              | 35 C.Y.   |
| TRENCH EXCAVATION            | 253 C.Y.  |
| ROCK IN TRENCH EXCAVATION    | 14 C.Y.   |
| BORROW                       | 175 C.Y.  |
| FORMATION OF SUBGRADE        | 2645 S.Y. |
| GRANULAR FILL                | 6 C.Y.    |
| SEDIMENTATION CONTROL SYSTEM | 1300 L.F. |
| PROCESS AGGREGATE            | 890 C.Y.  |
| TRAFFIC BOUND GRAVEL SURFACE | 445 C.Y.  |
| BEDDING MATERIAL             | 14 C.Y.   |
| 18" CLASS V RCP              | 93 L.F.   |
| 18" RCP FLARED END           | 1 EA      |
| 6" PLASTIC PVC               | 111 L.F.  |
| STANDARD RIPRAP              | 16 C.Y.   |
| INTERMEDIATE RIPRAP          | 611 C.Y.  |
| FILTER FABRIC                | 137 C.Y.  |
| GEOTEXTILE                   | 1560 S.Y. |
| DRY SWALE                    | 240 L.F.  |
| TOPSOIL                      | 890 S.Y.  |
| TURF ESTABLISHMENT           | 890 S.Y.  |
| METAL BEAM RAIL R-B 350      | 485 L.F.  |
| METAL BEAM RAIL TO BE RESET  | 155 L.F.  |

TYPICAL PERMANENT ACCESS GRAVEL ROAD SECTION  
STA 2+50 to STA 10+07.00



ROBERT GALLO DATE P.E. NO. 2947

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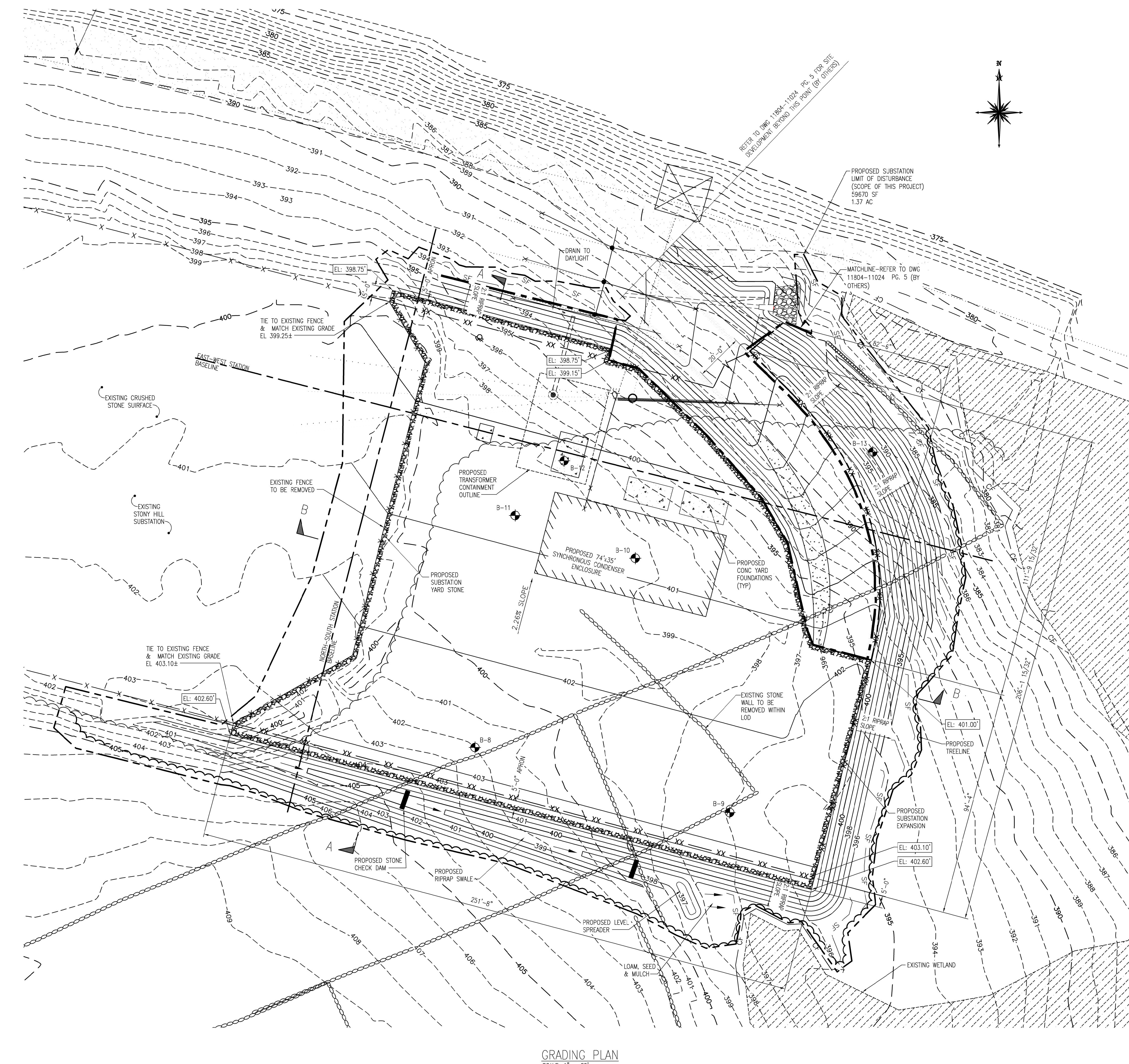
AI Engineers, Inc.

# REV AJ NEW DRAWING

| REVISIONS DURING CONSTRUCTION |      |  |    |    |
|-------------------------------|------|--|----|----|
| AJ                            | 3/09 | SYNCHRONIZED CONDENSER ADDITION, WO# 404398514 | EW | SG |
|                               |      |  |    |    |

**EVERSOURCE**  
**ENERGY**

**PERMANENT ACCESS ROAD PROFILE**  
**CIVIL PLAN & DETAILS**  
**BROOKFIELD, CT**

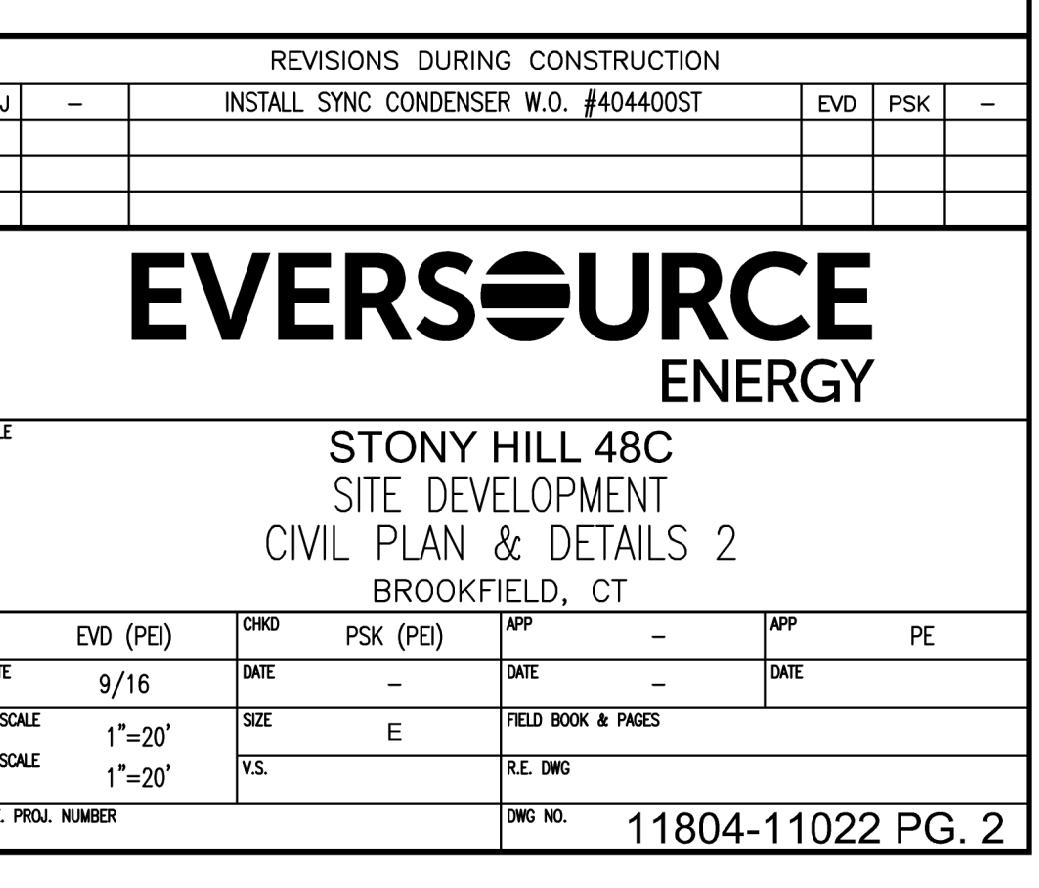


| <u>LEGEND:</u> |                                 |
|----------------|---------------------------------|
| — X —          | EXISTING FENCE                  |
| — XX —         | PROPOSED FENCE                  |
| ○○○○○○○○○○     | EXISTING STONEWALL              |
| ▨▨▨▨▨▨▨▨▨▨     | EXISTING WETLAND                |
| · · · · ·      | EXISTING OVERHEAD UTILITIES     |
| —→—            | EXISTING GUY WIRE               |
| — 385 —        | EXISTING CONTOUR                |
| — 400 —        | PROPOSED CONTOUR                |
| — — — — —      | EXISTING GRAVEL ACCESS ROAD     |
| ▨▨▨▨▨▨▨▨▨▨     | PROPOSED GRAVEL ACCESS ROAD     |
| — — — — —      | PROPERTY LINE                   |
| —○—            | EXISTING GUARDRAIL              |
| ●              | EXISTING TRANSMISSION STRUCTURE |
| ○              | PROPOSED TRANSMISSION STRUCTURE |
| ~~~~~          | EXISTING TREELINE               |
| ~~~~~          | PROPOSED TREELINE               |
| B-X            | APPROXIMATE SOIL BORING         |
| ▨▨▨▨▨▨▨▨▨▨     | PROPOSED STONE SURFACE          |
| — — — — —      | LIMIT OF DISTURBANCE (LOD)      |
| — CF —         | PROPOSED CONSTRUCTION FENCE     |
| — SF —         | PROPOSED SILT FENCE             |
| 403.25'        | PROPOSED SPOT GRADE             |

# REFERENCE DRAWINGS

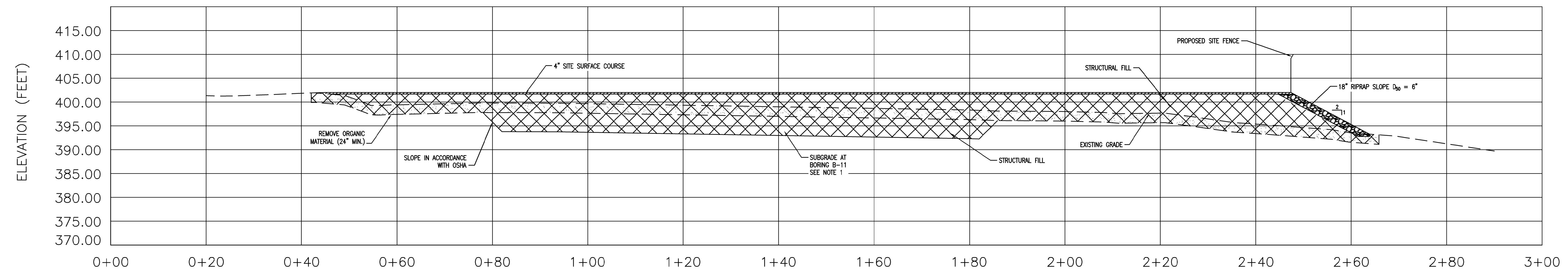
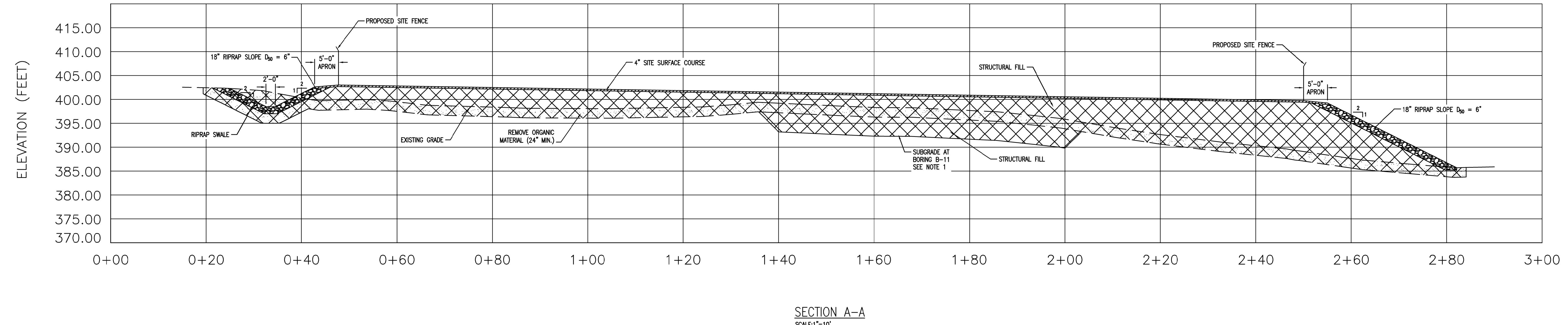
# REV AJ NEW DRAWING

**ISSUED FOR PERMIT  
NOT FOR CONSTRUCTION**



NOTE:

1. SHALLOW FOUNDATIONS, INCLUDING MAT AND CONVENTIONAL FOOTINGS MAY BE DESIGNED TO BEAR ON EITHER EXISTING FILL OR THE GLACIAL TILL FOLLOWING REMOVAL OF TOPSOIL, WITH THE EXCEPTION OF THE FILL IN THE AREAS AROUND BORINGS B-11 AND B-12. FILL IN THIS AREA HAS A VARIABLE DENSITY RANGING FROM MEDIUM DENSE TO LOOSE (SPT N-VALUES 9-19) TO A DEPTH OF 11 FEET NEAR BORING B-11. THE GEOTECHNICAL ENGINEER RECOMMENDS OVER EXCAVATION OF AN ADDITIONAL FOUR FEET OF THE EXISTING FILL IN THIS AREA WITHIN THE FOOTPRINT OF THE PROPOSED STRUCTURE. FILL SHOULD BE REPLACED WITH EITHER COMPAKTED STRUCTURAL FILL OR CRUSHED STONE WRAPPED IN GEOTEXTILE FABRIC FOLLOWING INTENSE PROOF COMPACTION OF THE SUBGRADE. REFER TO DRAWING 11804-11022 PG.2 FOR BORING LOCATIONS.



## REFERENCE DRAWINGS

CIVIL PLAN & DETAILS 2 11804-11022 PG. 2  
CIVIL DETAILS 2 11804-11023 PG. 2

## REV AJ NEW DRAWING

| REVISIONS DURING CONSTRUCTION |   |                                       |     |     |   |  |
|-------------------------------|---|---------------------------------------|-----|-----|---|--|
| AJ                            | - | INSTALL SYNC CONDENSER W.O. #404400ST | EVD | PSK | - |  |
|                               |   |                                       |     |     |   |  |
|                               |   |                                       |     |     |   |  |
|                               |   |                                       |     |     |   |  |
|                               |   |                                       |     |     |   |  |

**EVERSOURCE**  
**ENERGY**

# STONY HILL 48C

## SITE DEVELOPMENT

### CIVIL DETAILS 1

BROOKFIELD, CT

|       |      |   |                    |   |      |
|-------|------|---|--------------------|---|------|
| /16   | DATE | - | DATE               | - | DATE |
| = 10' | SIZE | E | FIELD BOOK & PAGES |   |      |

|       |      |                     |
|-------|------|---------------------|
| = 10' | V.S. | R.E. DWG            |
|       |      | DWG NO. 11804 11023 |

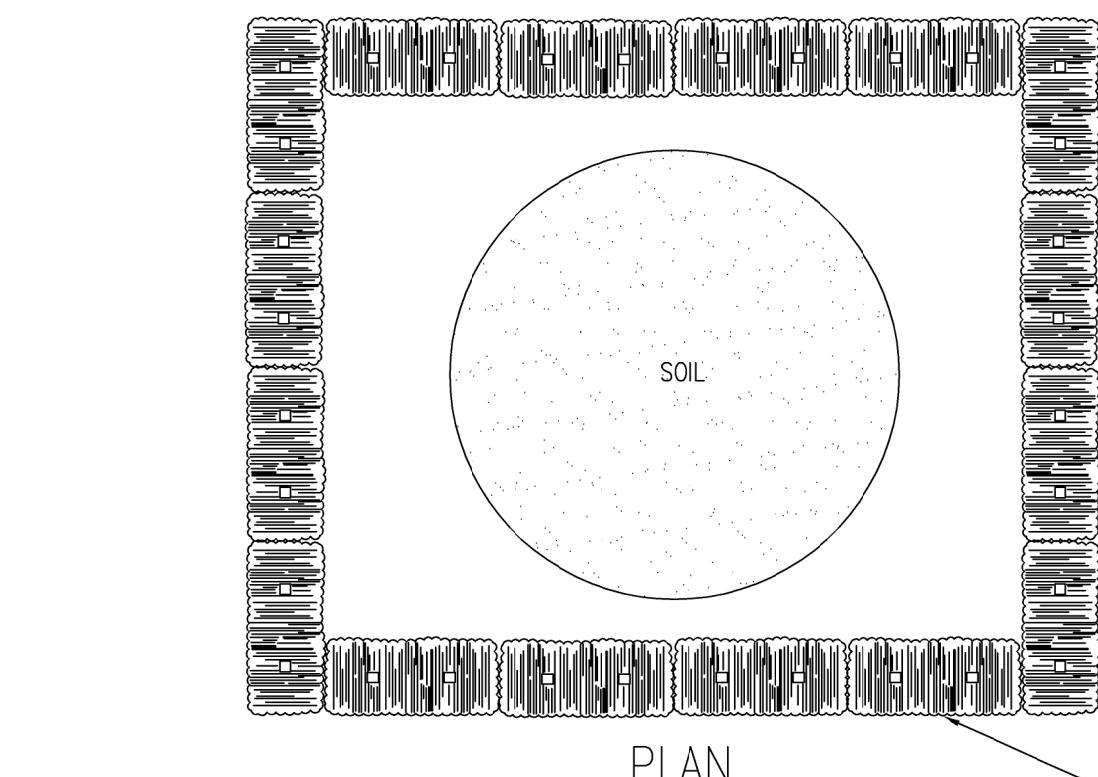
11004-110231

# **ISSUED FOR PERMIT NOT FOR CONSTRUCTION**

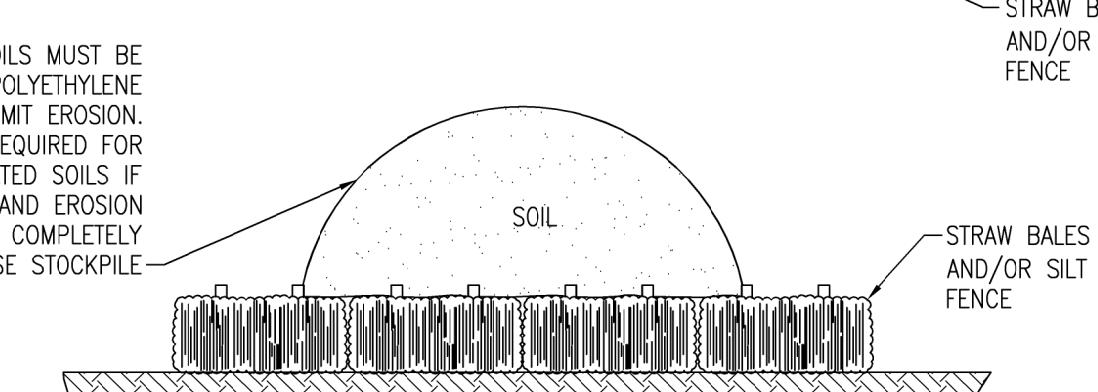
02/28/17

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2/28/2017 2:14 PM - edoughty - O:\141706\DD\DWG\07\_Misc\Civil\Drawings\11804-11023p001-permit.dwg - REV AJ New Drawing



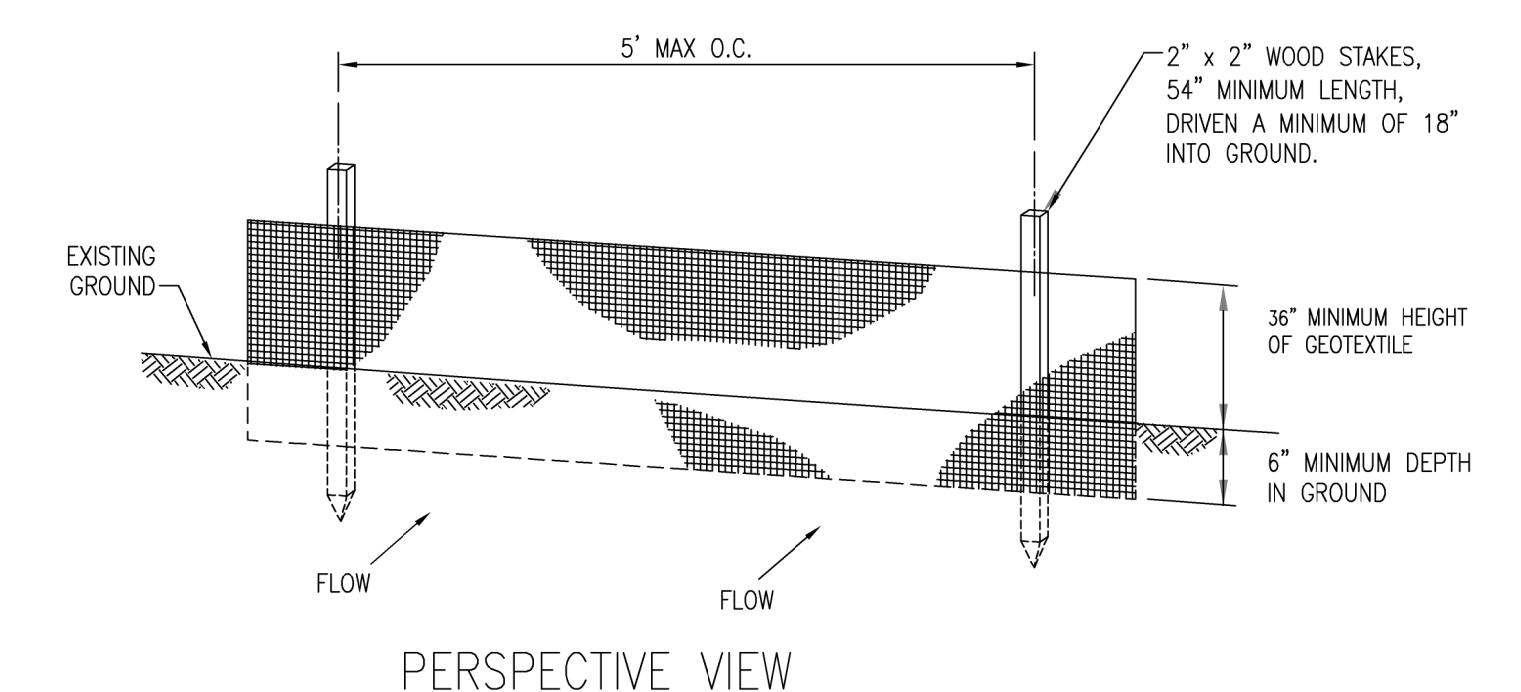
PLAN



ELEVATION

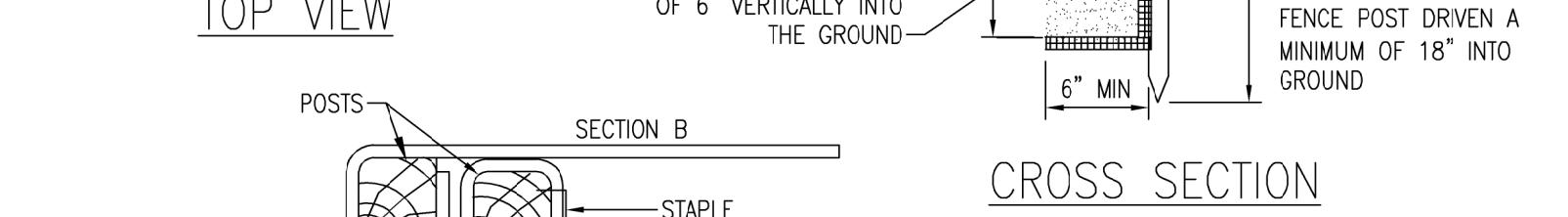
STOCKPILE DETAIL

NTS



PERSPECTIVE VIEW

TOP VIEW

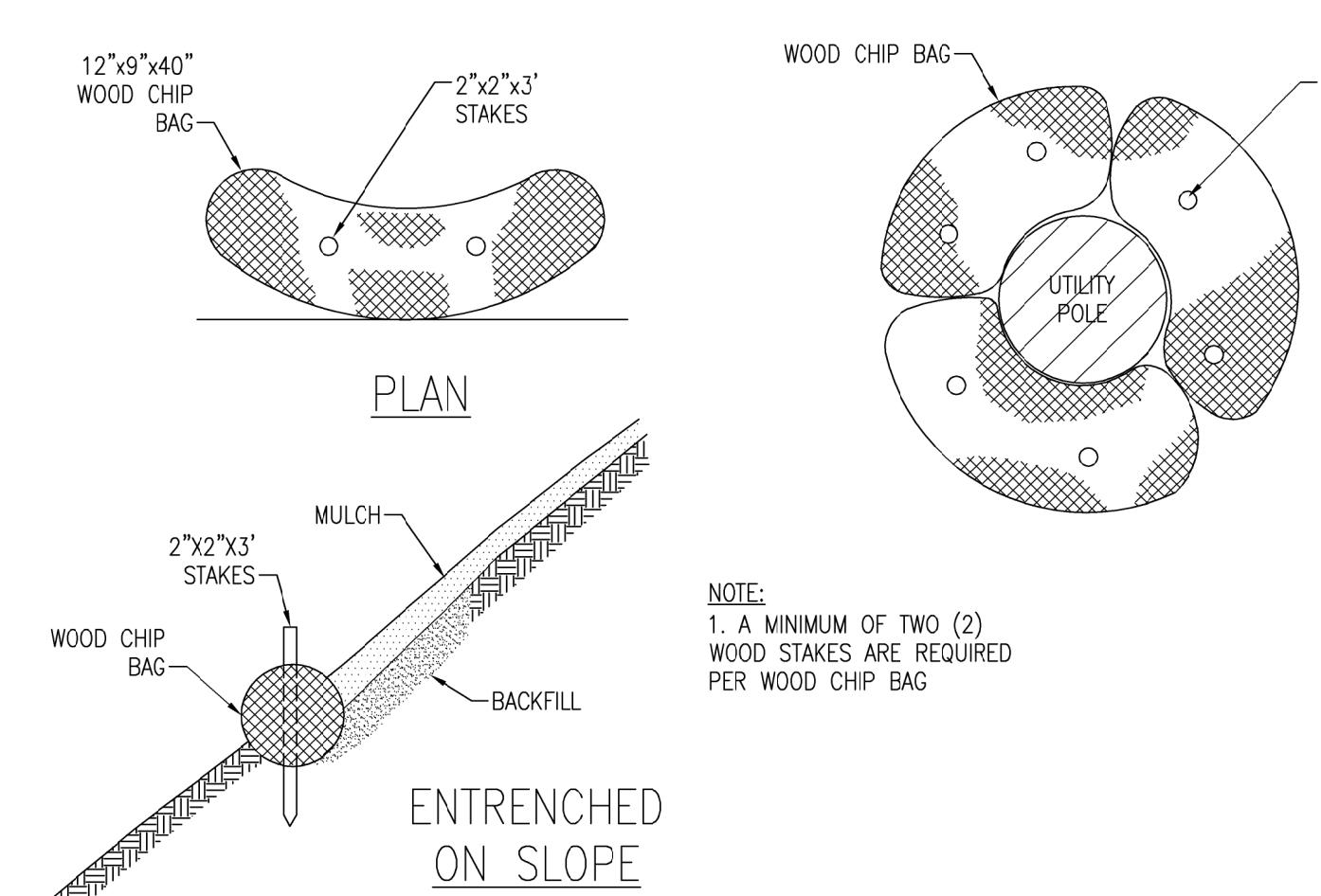


CROSS SECTION

JOINING TWO ADJACENT SILT FENCE SECTIONS

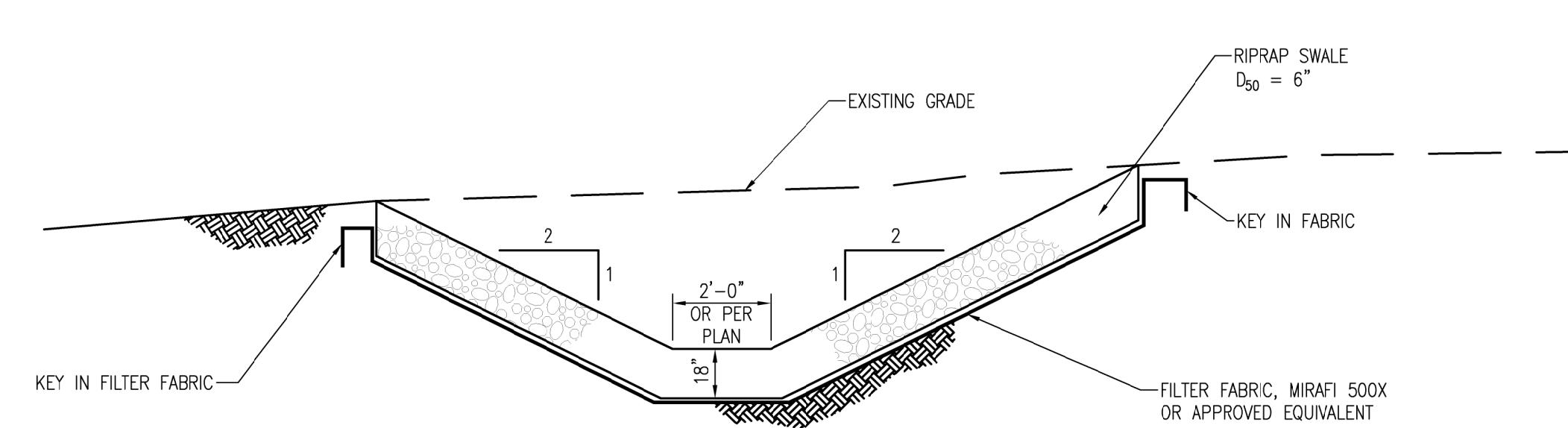
SILT FENCE DETAIL

NTS

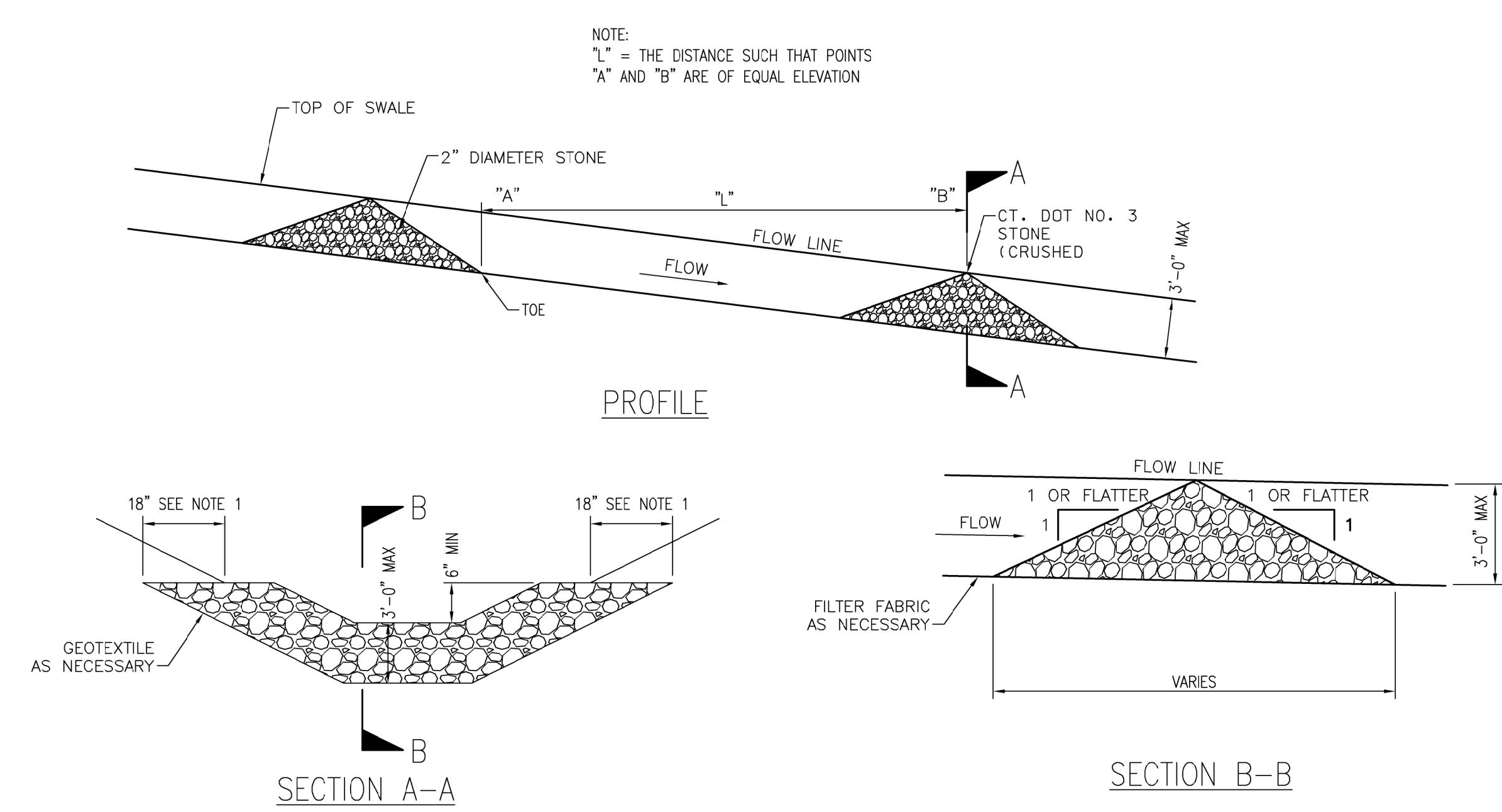


WOOD CHIP BAG DETAIL

NTS

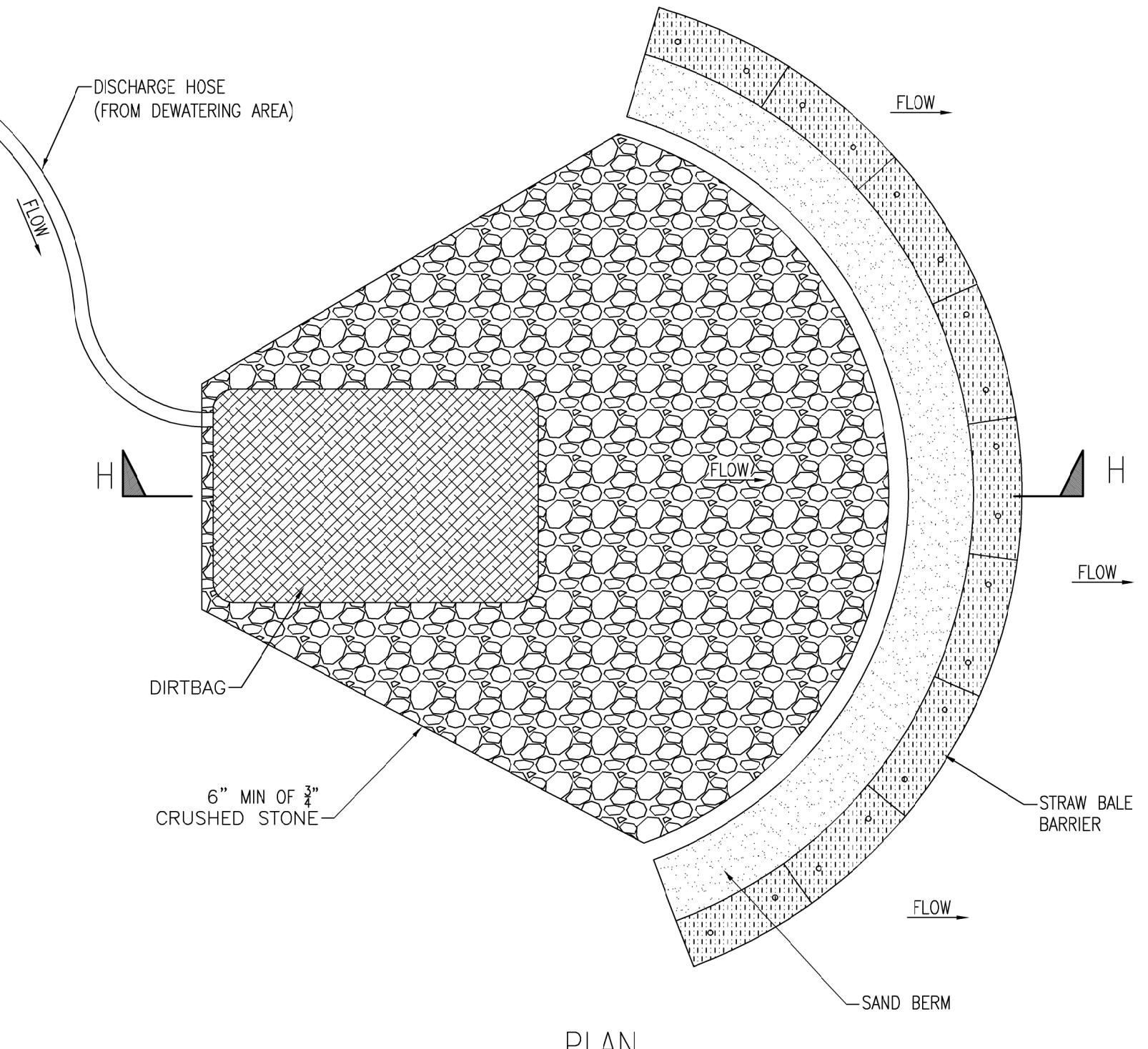


TYPICAL RIPRAP SWALE SECTION

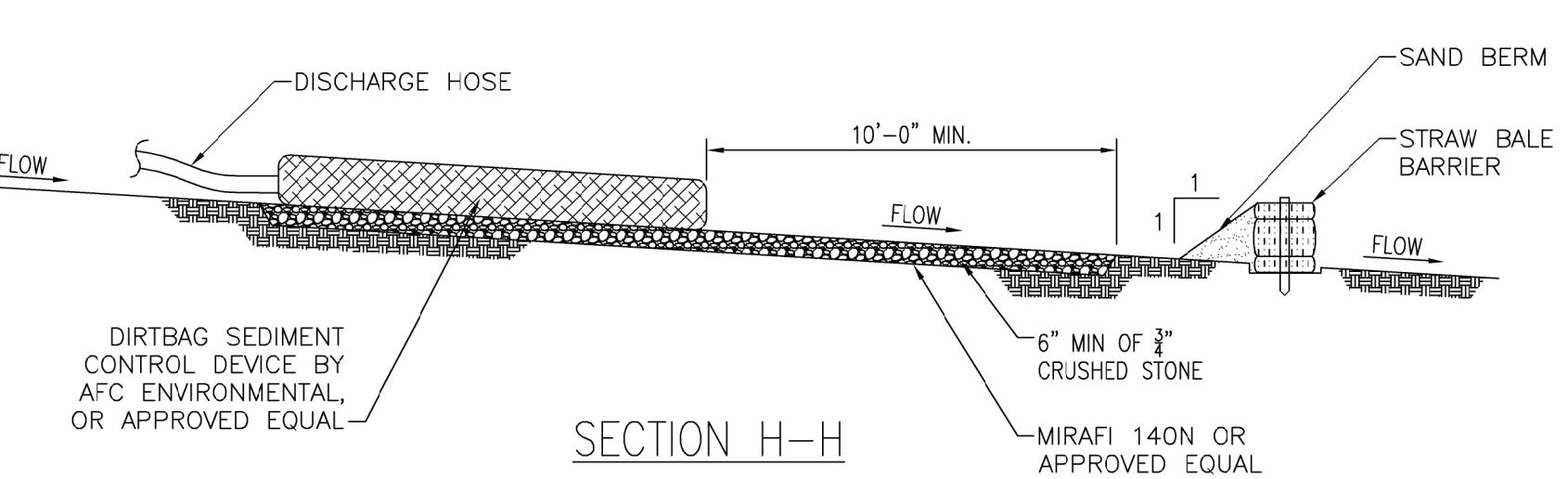


STONE CHECK DAM DETAIL

NTS

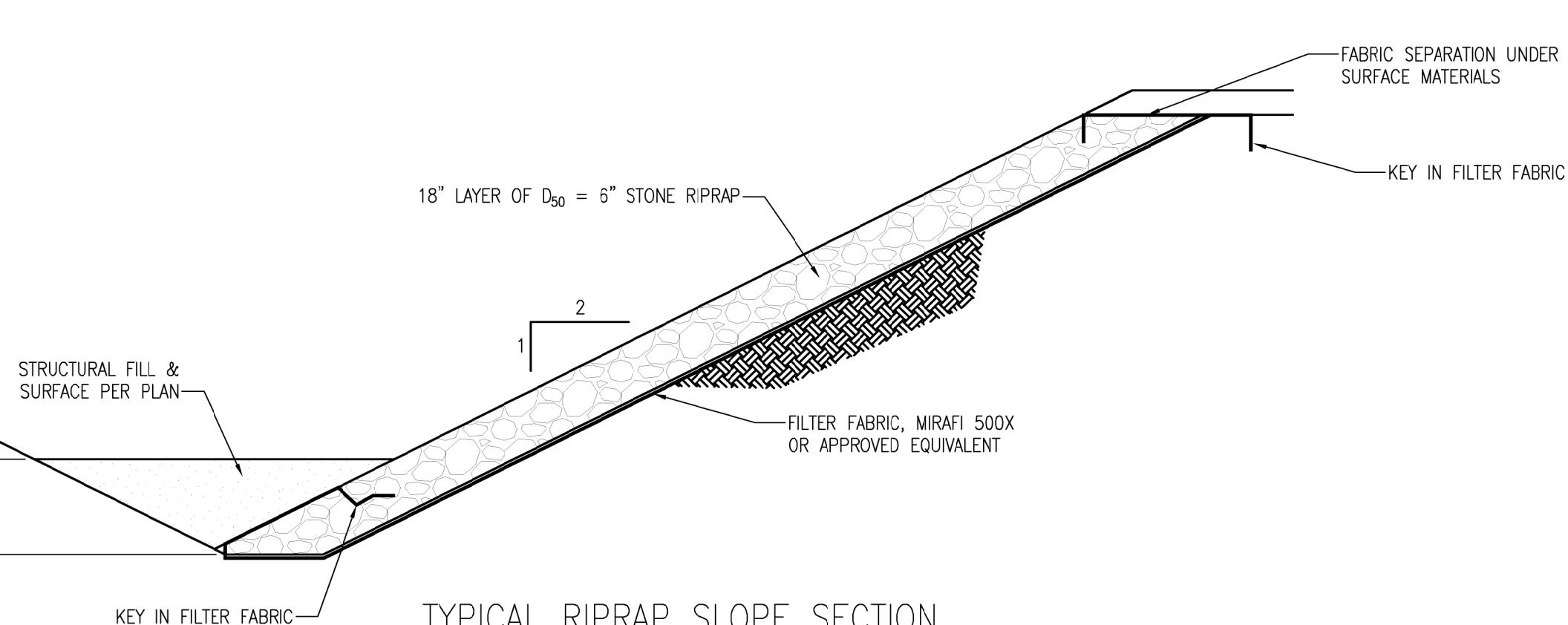


PLAN

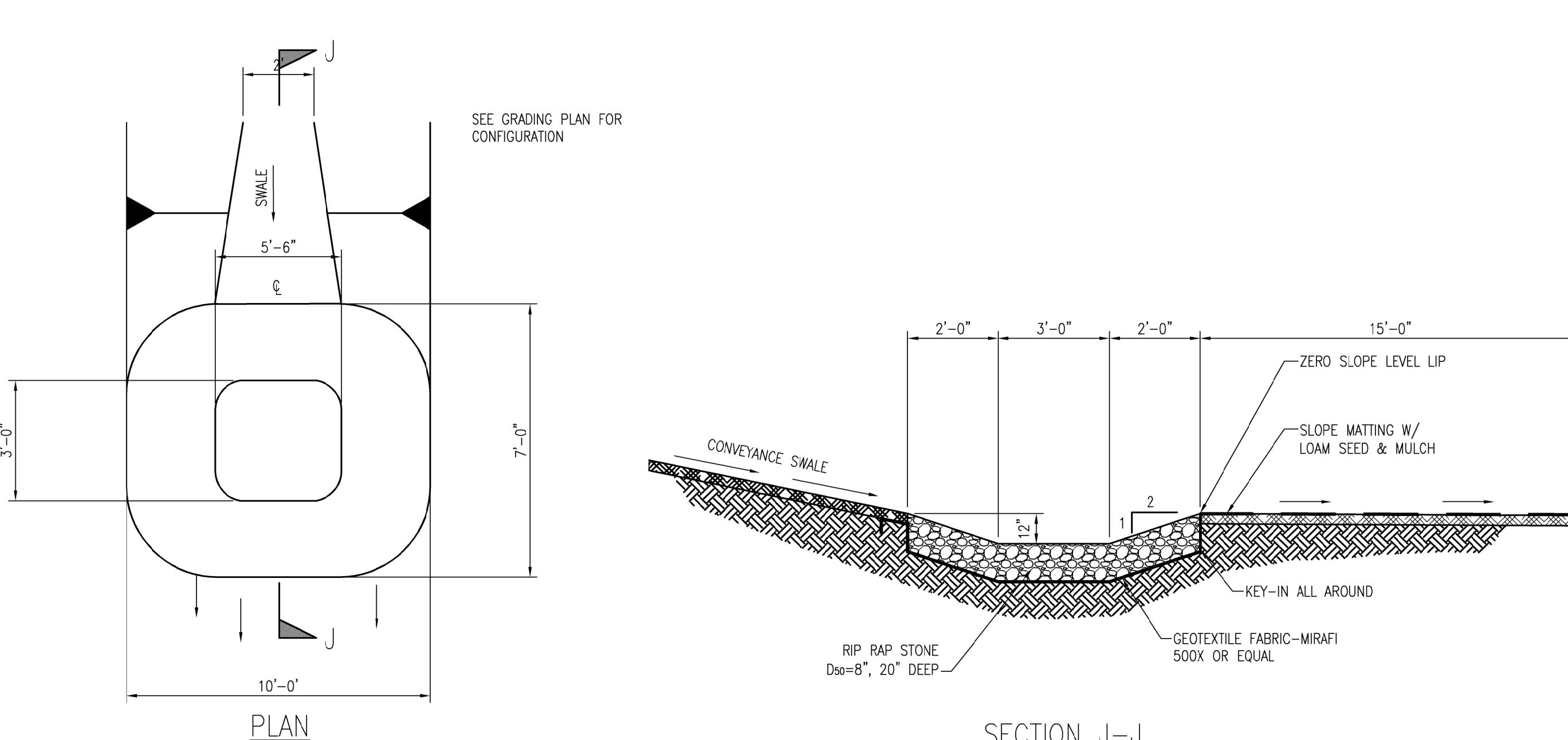


DEWATERING SYSTEM DETAIL

NTS



TYPICAL RIPRAP SLOPE SECTION



LEVEL SPREADER DETAIL

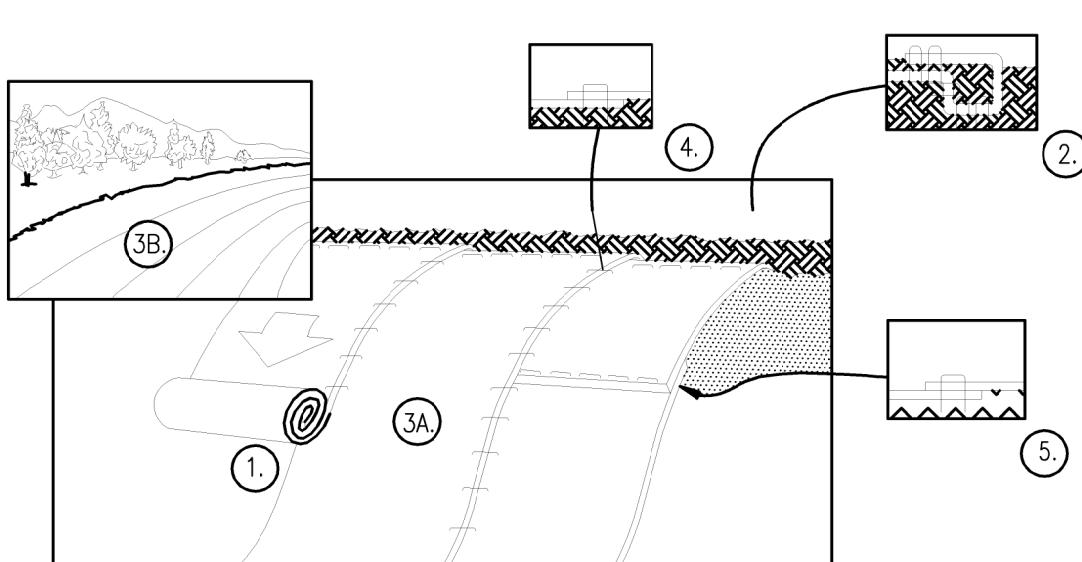
NTS

## DEWATERING NOTES

1. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND OPERATE ALL CHANNELS, DRAINS, AND OTHER TEMPORARY DIVERSIONS AND PROTECTIVE WORKS NEEDED TO DIVERT STREAM FLOW AND OTHER SURFACE WATER THROUGH OR AROUND THE CONSTRUCTION SITE. CONTROL OF SURFACE WATER SHALL BE CONTINUOUS DURING THE PERIOD THAT DAMAGE TO CONSTRUCTION WORK COULD OCCUR.
2. OPEN EXCAVATIONS SHALL BE Dewatered AND Kept Free of Standing Water and Muddy Conditions as Necessary for the Proper Execution of the Work. The Contractor Shall Provide All Equipment, Tools, and Maintain All Drains, Sumps and All Other Equipment Required to Properly Dewater the Site. Dewatering Systems That Cause a Loss of Soil Fines from the Foundation Areas Shall Not be Permitted.
3. INSTALL DIVERSION DITCHES OR DRENAGE IF NECESSARY TO MINIMIZE THE AMOUNT OF CLEAN STORM WATER RUN-ON ALLOWED INTO THE EXCAVATED AREA.
4. REMOVAL OF WATER FROM THE CONSTRUCTION SITE SHALL BE ACCOMPLISHED SO THAT EROSION AND THE TRANSPORTING OF SEDIMENT AND OTHER POLLUTANTS ARE MINIMIZED. ALL Dewatering DISCHARGES SHALL BE OUTSIDE OF RESOURCE AREAS.
5. Dewatering Effluent Discharge Shall be in Sheet Flow.
6. Dewatering in Periods of Intense, Heavy Rain, When the Infiltrative Capacity of the Soil is Exceeded, Shall be Avoided.
7. Flow to the sediment removal structure may not exceed the structure's capacity to settle and filter flow or the structure's volume capacity.
8. WHICH TEMPORARY WORKS ARE NO LONGER NEEDED, THE CONTRACTOR SHALL REMOVE AND RETURN THE AREA TO A CONDITION SIMILAR TO THAT WHICH EXISTED BEFORE CONSTRUCTION. AREAS WHERE TEMPORARY WORKS WERE LOCATED SHALL BE RESTORED TO A STABLE SURFACE WITH NO OBSTRUCTION TO NATURAL SURFACE WATER FLOWS OR THE PROPER FUNCTIONING AND ACCESS TO THE WORKS OF IMPROVEMENT INSTALLED. THE CONTRACTOR SHALL REMOVE ALL EXCAVATED MATERIALS DURING THE REMOVAL STAGES TO MINIMIZE THE LOSS OF SOIL SEDIMENT AND DEBRIS THAT WAS TRAPPED DURING CONSTRUCTION.

## EROSION AND SEDIMENT CONTROL NOTES

1. EROSION & SEDIMENT CONTROLS SHOWN ON PLANS ARE MINIMUM REQUIREMENTS. CONTRACTOR SHALL IMPLEMENT ADDITIONAL EROSION & SEDIMENT CONTROLS AS NECESSARY TO FULLY COMPLY WITH THE REQUIREMENTS OF THE CT DEP REQUIREMENTS AND ALL APPLICABLE PERMITS.
2. SEDIMENT BASINS AND TRAPS (WHERE REQUIRED), PERIMETER BERM, SEDIMENT BARRIERS, CATCH BASIN PROTECTION AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MAINTAINED UNTIL UPON CONSTRUCTION TAKE PLACE.
3. THE CONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE EROSION AND SEDIMENT CONTROL PLAN AND PROJECT PLANS AND SPECIFICATIONS. CT DEP REQUIREMENTS AND ALL APPLICABLE PERMITS, AS MAY BE NECESSARY TO BEGIN ANY LAND DISTURBING ACTIVITIES, SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVICES, AND SHALL NOT REMOVE ANY EROSION OR SEDIMENT CONTROL MEASURES UNTIL THE AREAS DRAINING TO THEM ARE FINALLY STABILIZED. THE CONTRACTOR SHALL INSPECT DAILY AND MAINTAIN CONTINUOUSLY IN EFFECTIVE OPERATING CONDITION ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL SUCH TIME AS THEY ARE REMOVED. CONTRACTOR AND OWNER'S REPRESENTATIVE SHALL CONDUCT INSPECTIONS AND REPORTING IN ACCORDANCE WITH ALL PERMITS.
4. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE CONTROLS OR BEST MANAGEMENT PRACTICES (BMPs) TO ELIMINATE THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ANY ADDITIONAL EROSION CONTROL MEASURE NECESSARY FOR PERMIT COMPLIANCE.
5. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH APPLICABLE PUBLISHED STANDARDS AND SPECIFICATIONS AND THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (THE GUIDELINES).
6. ALL DISTURBED AREAS SHALL HAVE SOD, SEED, MULCH, OR OTHER APPROVED STABILIZATION MEASURES APPLIED TO DISTURBED AREAS WITHIN SEVEN (7) CALENDAR DAYS AFTER ACTIVITIES ON THAT AREA HAVE CEASED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. ACTIVE CONSTRUCTION AREAS MAY BE EXEMPTED, PROVIDED THAT PROPER CONTROLS ARE IN PLACE AND MAINTAINED.
7. STOCKPILES WHICH HAVE NOT BEEN USED FOR SEVEN (7) CALENDAR DAYS SHALL BE STABILIZED THROUGH COVERING, OR THE APPLICATION OF SOD, SEED, AND ANCHORED STRAW MULCH OR OTHER APPROVED STABILIZATION MEASURES. ALL STOCKPILES SHALL BE IN UPLAND AREAS.
8. ALL CATCH BASINS OR OTHER DRAIN INLETS WHICH MAY RECEIVE STORMWATER FROM DISTURBED AREAS OR WITHIN 50 FEET OF THE ACTIVE WORK AREA (WHICHER EVER IS GREATER) SHALL BE PROVIDED WITH CATCH BASIN INLET PROTECTION (E.G., SILT SACKS OR EQUIVALENT INLET PROTECTION) TO FILTER SEDIMENT-LADEN STORMWATER.
9. EFFLUENT FROM Dewatering OPERATIONS SHALL BE PUMPED EITHER TO SEDIMENT TANKS AND/OR SEDIMENT TRAPS, WITH OUTFLOW TO DETERMINED SITES. AN APPROPRIATE ENERGY DREDGE OR PUMP FOR SEDIMENT REMOVAL FLOCCULANT MAY BE REQUIRED. Dewatering SHALL BE PERFORMED IN ACCORDANCE WITH THE CONTRACTOR AND PROJECT SPECIFICATIONS IN UPLAND AREAS AND IN A MANNER THAT DOES NOT ADVERSELY AFFECT AREAS OUTSIDE OF THE LIMIT OF WORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF DUST AND DIRT SCATTERING AND RISING IN THE AIR DURING CONSTRUCTION AND SHALL PROVIDE APPROPRIATE CONTROLS IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
11. ALL REGULATED WASTE MATERIALS GENERATED AT THE SITE SHALL BE IMMEDIATELY REMOVED AND DISPOSED OF PROPERLY OR STORED IN A SECURELY COVERED CONTAINER IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS. CONTRACTOR SHALL BE EMPTIED ON A REGULAR BASIS AND AS NECESSARY. NO CONSTRUCTION WASTE OR DEBRIS SHALL BE BURIED ON SITE.
12. PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES THE CONTRACTOR SHALL STABILIZE ALL CONTRIBUTORY AREAS USING STONE, GRAVEL, PAVEMENT, SOD, OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED MULCH.
13. AREAS WITH SLOPES STEEPER THAN 3:1 (H:V) NOT OTHERWISE SURFACED SHALL BE RESTORED WITH 4 INCHES OF LOAM AND SEDED, AND WITH EROSION CONTROL MATTING.
14. ALL MATERIAL STAGING AND STORAGE AREAS SHALL BE IN UPLAND AREAS. AREAS SHALL BE ADDED TO PLANS BY CONTRACTOR AND COORDINATED WITH ENVIRONMENTAL MONITOR AND /OR OWNER.



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 8" DEEP X 10" WIDE TRENCH WITH APPROXIMATELY 18" OF DIRTBAG EXTENDED BEYOND THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE SLOPE SIDE WALL OF THE TRENCH AND TWO ROWS OF STAPLES STAGGERED 6" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. KEY TO COMPACTED SOIL AND FOLLOWING 18" PORTION OF BLANKET BACK OVER THE TRENCH WITH COATED SOIL. SOD BLANKET OVER COMPACTED SOIL WITH TWO ROWS OF STAPLES/STAKES SPACED APPROXIMATELY 4" APART STAGGERED WITH STAPLES 6" O.C. ACROSS THE WIDTH OF THE BLANKET.

3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS SHALL BE SECURED TO THE SLOPE SIDE WALL WITH STAPLES/STAKES IN APPROPRIATE LOCATION AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DCT SYSTEM, STAPLES/STAKES SHALL BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.

4. THE EDGES OF PARALLEL BLANKETS SHALL BE STAPLED WITH APPROXIMATELY 2"-4" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED OVER THE EDGE WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET).

5. CONSECUTIVE BLANKETS SPICED DOWN THE SLOPE SHALL BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 2"-4" OVERLAP THRU OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

6. BLANKET SHALL EXTEND 3'-0" MIN BEYOND TOE OF SLOPE. STAPLE 12" APART ALONG TERMINATION.

TYPICAL SLOPE MATTING DETAIL

## SEEDING NOTES

## SEEDBED PREPARATION

FINE GRADE AND RAKE SURFACE TO REMOVE STONES LARGER THAN 2" IN DIAMETER. INSTALLED NEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS, GRADE STABILIZATION STRUCTURES, SEDIMENT BASINS OR DRAINAGE CHANNELS TO MAINTAIN GRASSED AREAS. APPLY LIMESTONE AT A RATE OF 2 TONS/AC. OR 90 LBS/1000 SF UNLESS OTHERWISE REQUIRED. ACCORDING TO THE CTDOT DESIGN GUIDE, LIMESTONE SHOULD BE APPLIED AT A RATE OF 300 LBS/AC. OR 7.5 LBS/1000 SF. AT LEAST 50% OF THE NITROGEN SHALL BE FROM ORGANIC SOURCES. WORK LIME AND FERTILIZER INTO SOIL UNIFORMITY TO A DEPTH OF 4" WITH A WHISK, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT FOLLOWING THE CONTOUR LINES.

## SEED APPLICATION

APPLY GRASS MIXTURES AT RATES SPECIFIED BY HAND, CYCLONE SEEDER OR HYDROSEEDER. INCREASE SEED MIXTURE BY 10% IF HYDROSEEDER IS USED. LIGHTLY DRAG OR ROLL THE SEEDED SURFACE TO COVER SEED. SEEDING FOR SODDED AREAS IS NOT REQUIRED. SOD SHOULD BE PLACED AND WATERED BETWEEN AUGUST 15 AND OCTOBER 15. IF SEEDING CANNOT BE DONE DURING THESE MONTHS, REPEAT MULCHING PROCEDURE BELOW UNTIL SEEDING CAN TAKE PLACE OR SEED WITH A QUICK GERMINATING SEED MIXTURE TO STABILIZE SLOPES. A QUICK GERMINATING SEED MIXTURE (DOMESTIC RYE) CAN BE APPLIED BETWEEN JUNE 15 THROUGH AUGUST 15 AS APPROVED BY THE ENGINEER.

## GRASS SEED MIXTURES

## TEMPORARY COVERS

## PERENNIAL RYEGRASS

20 LBS/AC.

## ANNUAL RYEGRASS

20 LBS/AC.

## PERMANENT COVERS

## CREEPING RED FESCUE

40 LBS/AC.

## CANADA BLUEGRASS

20 LBS/AC.

## REFERENCE DRAWINGS

CIVL PLAN &amp; DETAILS 2

11804-11022 PG. 2

11804-11023 PG. 1

## REV AJ NEW DRAWING

## REVISIONS DURING CONSTRUCTION

AJ - INSTALL SMC CONDENSER W.O. #4044005T EVD PSK -

CIVL DETAILS 1

11804-11022 PG. 2

11804-11023 PG. 1

REV AJ NEW DRAWING

EVSOURCE ENERGY

STONY HILL 48C

SITE DEVELOPMENT

CIVL DETAILS 2

BROOKFIELD, CT

2017-2018

2017-2018

2017-2018

2017-2018

2017-2018

2017-2018

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