



GENERAL NOTES

- 1. THE PROJECT HORIZONTAL COORDINATES SYSTEM IS BASED ON NAD83 MAINE STATE PLANE (US SURVEY FEET, WEST ZONE, ME83-WF)...

LEGEND

Table with 2 columns: Symbol and Description. Includes symbols for surveyed property boundary, easement, stone/granite monument, iron pipe, wooden post, etc.

ZONING REQUIREMENTS

ZONING DISTRICTS SUMMARY TABLE. Table with columns: District, Front Yard Setback, Side Yard Setback, Rear Yard Setback, Structure Height.

\*SEE AUBURN CODE OF ORDINANCES, CHAPTER 60, ARTICLE XVII, SECTION 60-1506 FOR SETBACK REQUIREMENTS FOR SOLAR ENERGY GENERATING SYSTEMS

PROJECT SCHEDULE

SPECIFICS OF HOW WORK IS TO BE COMPLETED SHALL ALSO BE BASED ON ENVIRONMENTAL CONSIDERATIONS ASSOCIATED WITH SEASONAL CHANGES...

FERTILIZER AND LIME REQUIREMENTS

IN GENERAL, FERTILIZER AND LIME APPLICATION RATES WILL FOLLOW THE GUIDELINES IDENTIFIED BELOW UNLESS SITE SPECIFIC SOIL TESTS IDENTIFY THE NEED FOR ALTERNATIVE FERTILIZER/LIME APPLICATION RATES...

SEED AND MULCH SPECIFICATIONS

SEED MIX SPECIFICATIONS table. Columns: Seed Mix Name, Seed Mix Components, LB./ACRE.

SUMMARY OF TEMPORARY AND PERMANENT MULCH APPLICATION REQUIREMENTS table. Columns: Condition, Timing, Mulch Type, Application Rates.

SUMMARY OF SEEDING REQUIREMENTS table. Columns: Condition, Timing, Seed Mix.

HOUSEKEEPING NOTES

- CONTRACTOR SHALL MAINTAIN THE PROJECT SITE IN ACCORDANCE WITH THE FOLLOWING PERFORMANCE STANDARDS: 1. SPILL PREVENTION: CONTROLS SHALL BE IN PLACE TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS USED...

PERMITTING NOT FOR CONSTRUCTION



Professional Engineer seal for Thomas N. Daniels, Jr., dated September 7, 2021. Includes project details for Auburn Renewables 2, LLC and a table for revision/approval.

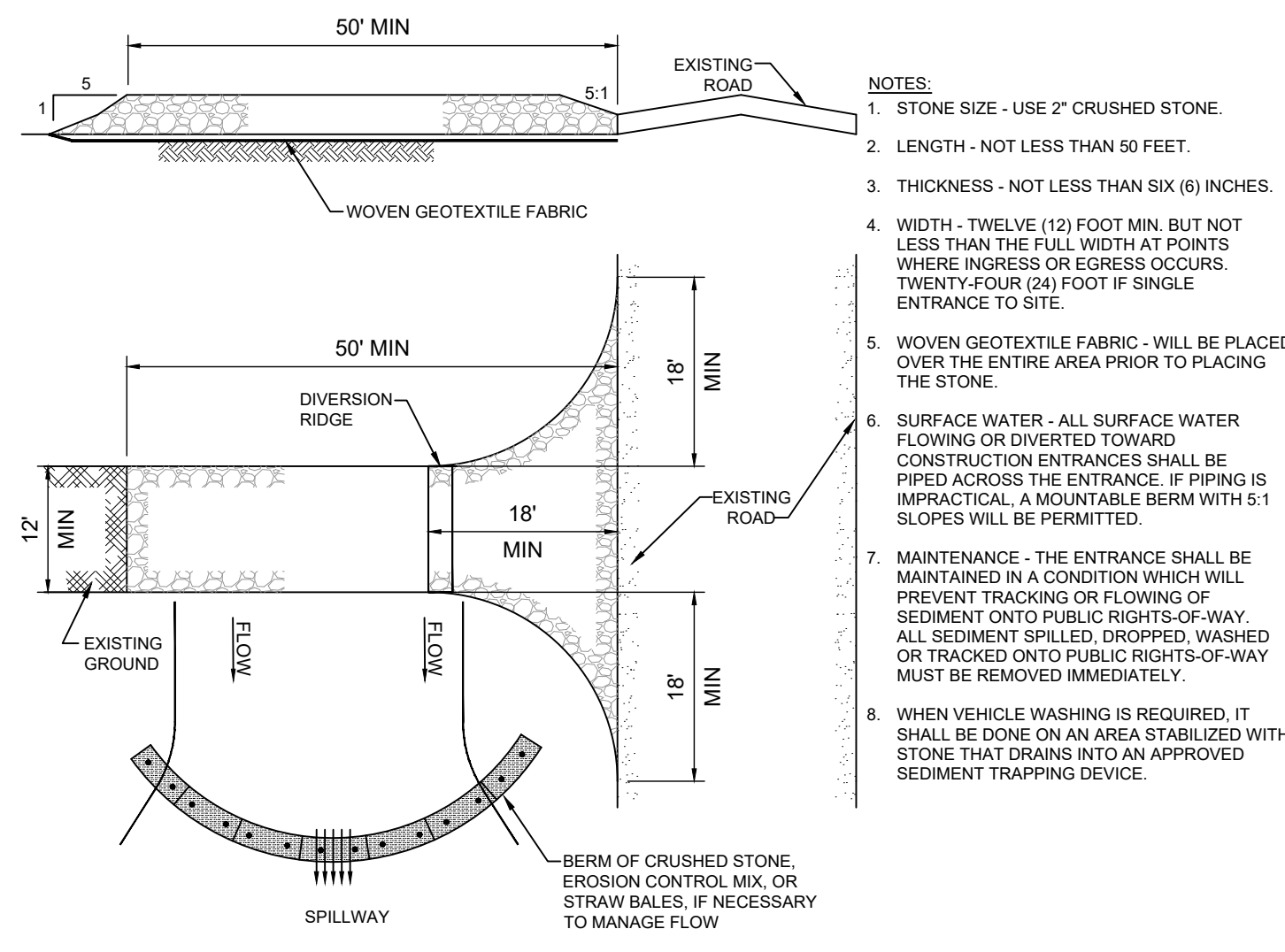
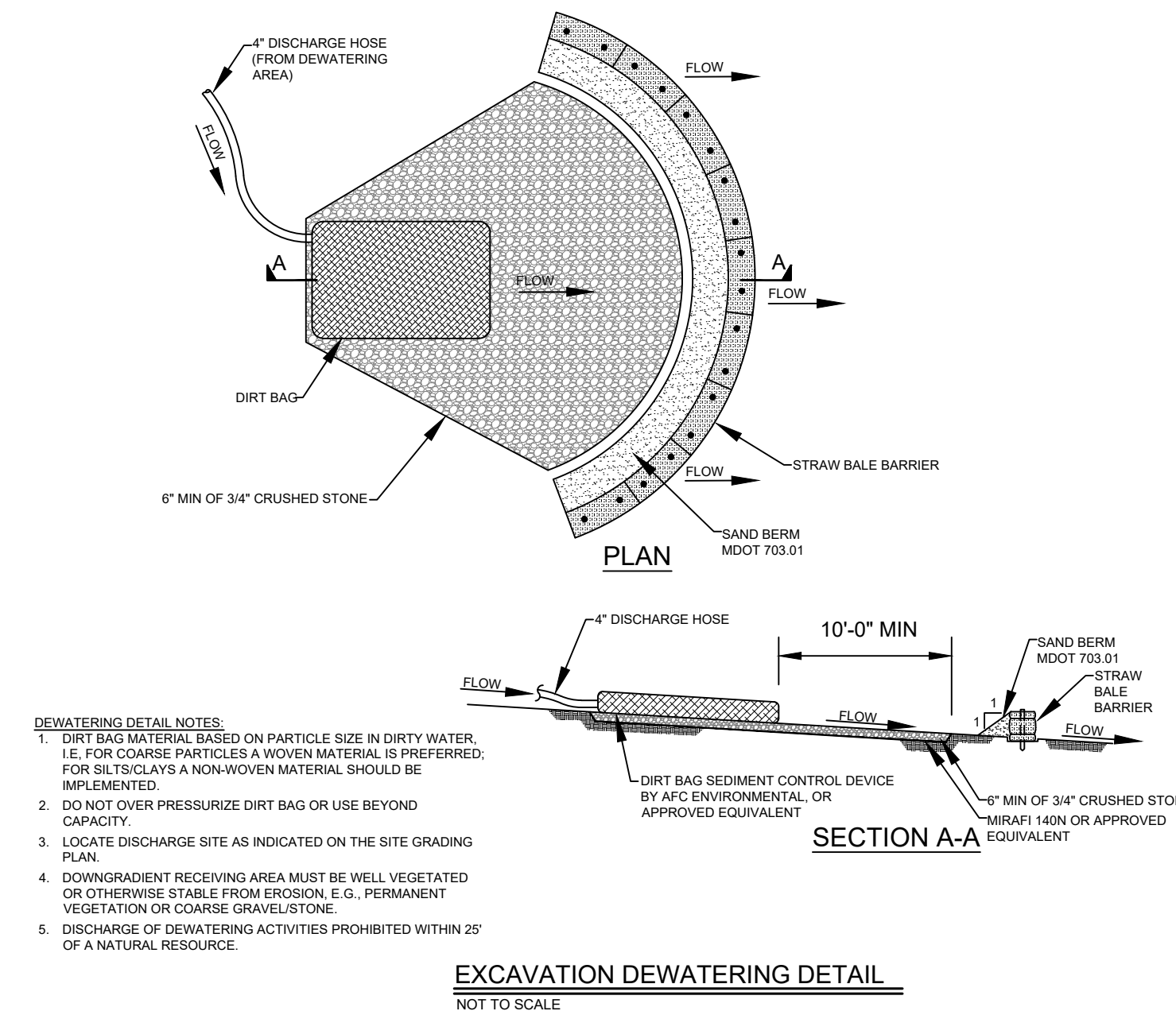
2438 --USER: jrpriest --ATTACHED: REFS: Main.dwg, 7: True boundaries -- ATTACHED IMAGES: Arsitec.dwg, me10.dwg -- PLOT DATE: September 08, 2021 - 12:38PM -- LAYOUT: G1.01

**EROSION CONTROL NOTES**

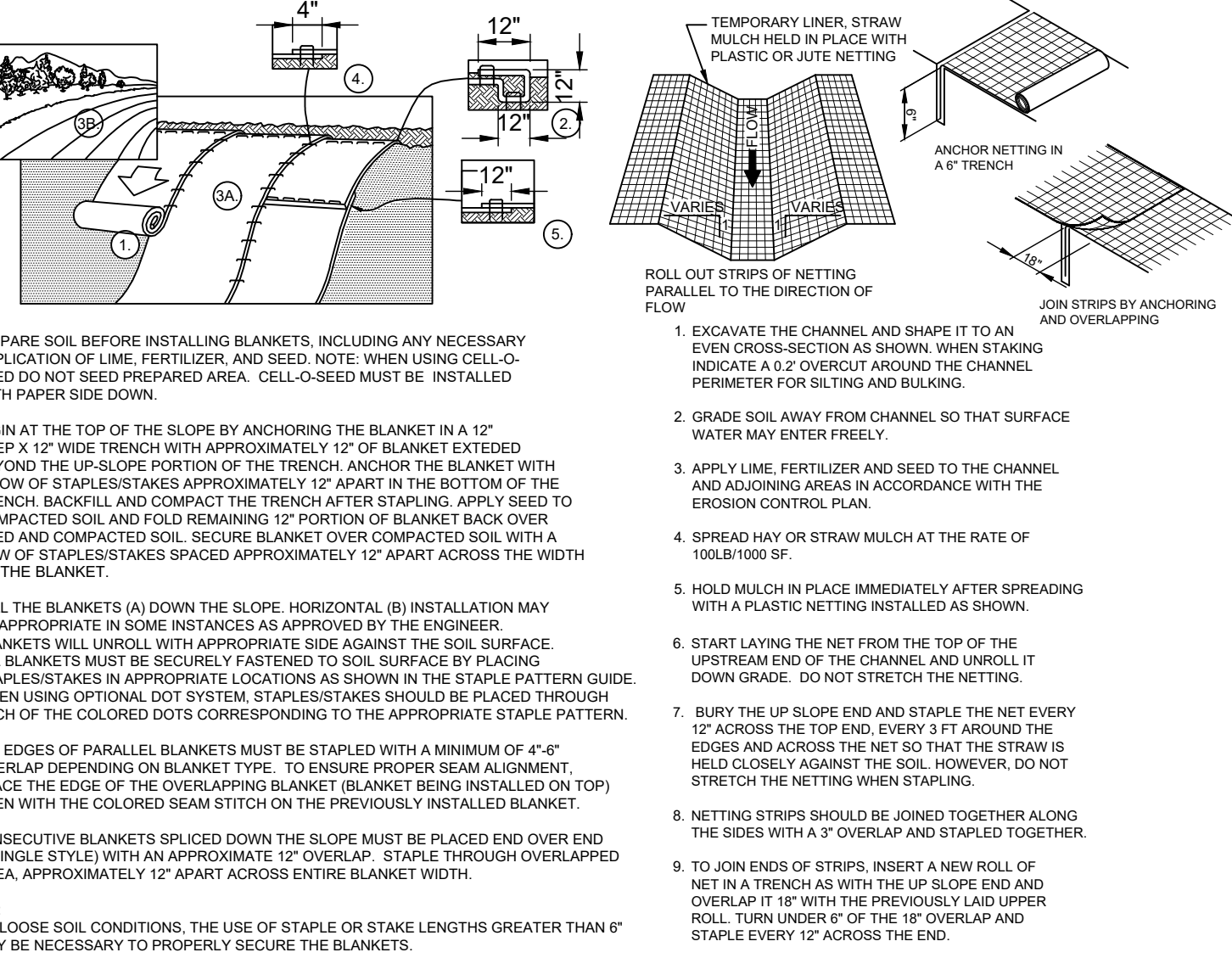
- PROJECT DESCRIPTION**  
THE PROJECT INVOLVES THE CONSTRUCTION OF A GROUND-MOUNTED PHOTOVOLTAIC SOLAR MODULE SYSTEM AND ALL RELATED ACCESS ROADS, UTILITIES, SITE PREPARATION, CLEARING & GRUBBING, AND EROSION & SEDIMENTATION CONTROL MEASURES.
- CONSTRUCTION SEQUENCE**
1. ESTABLISH CONSTRUCTION WORKSPACE LIMITS, IDENTIFY AND MARK SENSITIVE RECEPTORS INCLUDING NATURAL RESOURCES AND DOWNGRADE DRAINAGE INFRASTRUCTURE.
  2. INSTALLATION OF ALL EROSION AND SEDIMENT CONTROL MEASURES AND ASSOCIATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "MAINE EROSION AND SEDIMENT CONTROL PRACTICES FIELD GUIDE FOR CONTRACTORS" (REVISED 2014).
  3. PRIOR TO USAGE, CONSTRUCT AND STABILIZE THE CONSTRUCTION ENTRANCES IN THE LOCATIONS INDICATED ON THE EROSION CONTROL PLAN SHEET. AT A MINIMUM, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED AT THE LOCATION INDICATED ON THE SITE PLAN.
  4. INSTALL AND MAINTAIN PERIMETER SEDIMENT BARRIERS SUCH AS SILT FENCING AND OTHER APPROVED EROSION CONTROL BARRIERS ALONG THE DOWNHILL LIMIT OF DISTURBANCE AS SHOWN ON THE DRAWINGS. SEDIMENT BARRIER LOCATIONS MAY BE ADJUSTED IN THE FIELD BASED ON ACTUAL SITE CONDITIONS AS DEEMED NECESSARY TO ENSURE PROPER FUNCTION. WHERE SILT FENCE CANNOT BE TOED-IN PROPERLY DUE TO TREE ROOTS, ROCKS, OR FROZEN GROUND, HAY BALES OR AN EROSION CONTROL MIX BERM MAY BE SUBSTITUTED. PERIMETER SEDIMENT BARRIERS SHALL BE INSTALLED AS SOON AS POSSIBLE BUT MAY FOLLOW INITIAL SITE PREPARATION. EROSION OR SEDIMENTATION ISSUES DEVELOPING DURING INITIAL SITE PREPARATION SHALL BE TEMPORARILY STABILIZED AS NECESSARY.
  5. STABILIZE PERMANENT ACCESS ROAD SURFACES, PARKING AREAS, AND EQUIPMENT STORAGE AND LAYDOWN AREAS WITH MATTING, CRUSHED STONE, OR GRAVEL SUBBASE AS NECESSARY TO MINIMIZE RUTTING AND AVOID PONDING OF STORMWATER.
  6. CONCURRENT WITH INITIATION OF SITE GRADING, CONSTRUCT AND STABILIZE TEMPORARY DRAINAGE SWALES, DIVERSION BERMS, CHECK DAMS, AND CULVERTS WITH TEMPORARY INLET AND OUTLET PROTECTION TO MINIMIZE SEDIMENT IN SITE RUNOFF DURING CONSTRUCTION. DEWATERING SHALL BE IN ACCORDANCE WITH THE DEWATERING NOTES.
  7. MINIMIZE THE AMOUNT OF DISTURBANCE AT ANY ONE TIME BY STAGING CONSTRUCTION AS MUCH AS PRACTICAL. FOR EFFICIENT CONSTRUCTION OF THE FACILITY, NATURAL VEGETATIVE BUFFERS SHOULD BE LEFT IN PLACE WHERE FEASIBLE TO AID IN SEDIMENT RETENTION AND REDUCE THE POTENTIAL FOR EROSION. OPEN AREA SHALL BE LIMITED TO 10-ACRES OR NO MORE THAN CAN BE MULCHED IN A SINGLE DAY, WHICHEVER IS LESS.
  8. STABILIZE ANY DISTURBED SLOPES GREATER THAN 3H:1V, VEGETATED SWALES OR DITCHES, AND UNDER ARRAY DRIP EDGE (AS NEEDED) USING ANCHORED EROSION CONTROL BLANKETS OR OTHER APPROVED MULCHING TECHNIQUES WITHIN 24-HOURS. ALL VEGETATED DITCHES THAT HAVE NOT BEEN STABILIZED BY NOVEMBER 1, OR WILL BE WORKED ON BETWEEN NOVEMBER 1 AND APRIL 15, MUST BE STABILIZED WITH STONE LINING BACKED BY GRAVEL BED OR GEOTEXTILE AS SPECIFIED BY THE ENGINEER.
  9. DUST CONTROL METHODS SHALL BE EMPLOYED AFTER GRADING AND PRIOR TO FINAL STABILIZATION TO PREVENT THE BLOWING AND MOVEMENT OF NUISANCE DUST THROUGH THE APPLICATION OF WATER AND/OR CALCIUM CHLORIDE.
  10. APPLY TEMPORARY SEED AND MULCH TO EXPOSED AREAS WHERE ACTIVITY IS NOT ANTICIPATED FOR 30-DAYS. TEMPORARILY MULCH ANY EXPOSED AREAS AS FOLLOWS: (1) WITHIN 100-FEET OF A WETLAND OR NATURAL RESOURCE WHERE WORK IS NOT ANTICIPATED OR HAS NOT OCCURRED IN 7 DAYS, OR PRIOR TO A STORM EVENT, AND (2) ALL OTHER AREAS THAT WILL NOT BE ACTIVELY WORKED FOR MORE THAN 14 DAYS.
  11. REMOVE EXCESS SPOILS FROM THE SITE THAT WILL NOT BE USED FOR THE FINAL DESIGN AND STABILIZATION. STOCKPILED SOILS THAT REMAIN IN PLACE FOR 48-HOURS OR MORE SHALL BE CONTAINED WITH SEDIMENT BARRIERS. THE SEDIMENT BARRIERS SHALL BE REINFORCED TO HANDLE A SIGNIFICANT RAIN EVENT AND THE POTENTIAL SLUMPING OF THE PILE. BETWEEN APRIL 15 AND OCTOBER 1, APPLY TEMPORARY SEED AND MULCH TO A STOCKPILE THAT IS NOT ANTICIPATED TO BE DISTURBED WITHIN 30-DAYS. APPLY ANCHORED MULCH DAILY AND/OR AS NEEDED DURING WINTER CONSTRUCTION.
  12. INSPECT AND REPAIR EROSION CONTROL MEASURES DAILY IN AREAS OF ACTIVE CONSTRUCTION; OTHERWISE WEEKLY AND AFTER A RAINFALL EVENT OF 0.5-INCHES OR GREATER WITHIN A 24-HOUR PERIOD. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/2 OF THE HEIGHT OF THE BARRIER.
  13. MONITOR PUBLIC ROADS FOR SIGNS OF TRACKING OR SPILLING OF SPOIL MATERIAL AND CLEAN-UP AS NECESSARY.
  14. COMPLETE FINAL GRADING AND STABILIZATION OF EARTHEN STRUCTURES SUCH AS DIVERSION BERMS, LEVEL SPREADERS, AND SWALES THAT WILL CONTROL POST-CONSTRUCTION RUNOFF.
  15. FINISH GRADE AND REPLACE TOPSOIL OR LOAM IN DISTURBED AREAS. SEED AND MULCH DISTURBED AREAS WITHIN 7 DAYS OF FINAL GRADING. BETWEEN NOVEMBER 1 AND APRIL 15, STABILIZE AREAS THAT ARE FINAL GRADED AT THE END OF EACH DAY.
  16. MAINTAIN ALL TEMPORARY EROSION CONTROLS AND SEDIMENT BARRIERS UNTIL VEGETATION HAS BEEN ESTABLISHED OVER 90% OF THE AREA TO BE REVEGETATED. RESEED SPARSELY VEGETATED AREAS AS NECESSARY.
  17. REMOVE AND PROPERLY DISPOSE OF ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES ONCE THE SITE IS PERMANENTLY STABILIZED.

**DEWATERING NOTES**

1. THE CONTRACTOR SHALL INSTALL, MAINTAIN, AND OPERATE ALL CHANNELS, PUMPS, AND OTHER TEMPORARY DIVERSION 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 FURNISH, INSTALL, OPERATE, 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 WILL NOT BE PERMITTED.
3. INSTALL DIVERSION DITCHES OR BERMS IF NECESSARY TO MINIMIZE THE AMOUNT OF CLEAN STORMWATER RUNOFF ALLOWED INTO THE EXCAVATION AREA.
4. REMOVAL OF WATER FROM THE CONSTRUCTION SITE SHALL BE ACCOMPLISHED SO THAT EROSION AND TRANSPORTATION OF SEDIMENT AND OTHER POLLUTANTS ARE MINIMIZED.
5. DISCHARGE DEWATERING EFFLUENT TO AREAS AS INDICATED ON THE SITE GRADING PLAN. DISCHARGE SHALL BE MANAGED TO ENSURE SHEET FLOW.
6. DEWATERING IN PERIODS OF INTENSE HEAVY RAIN OR WHEN THE INFILTRATIVE CAPACITY OF THE SOIL IS EXCEEDED, SHALL BE AVOIDED TO THE MAXIMUM EXTENT PRACTICABLE.
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 LOCATED SHALL BE GRADED FOR SIGHTLY APPEARANCE WITH NO OBSTRUCTION TO NATURAL SURFACE WATER FLOWS OR THE PROPER FUNCTIONING AND ACCESS TO THE WORKS OF IMPROVEMENTS INSTALLED. THE CONTRACTOR SHALL EXERCISE EXTREME CARE DURING THE REMOVAL STAGES TO MINIMIZE THE LOSS OF SOIL SEDIMENT AND DEBRIS THAT WAS COLLECTED DURING CONSTRUCTION.



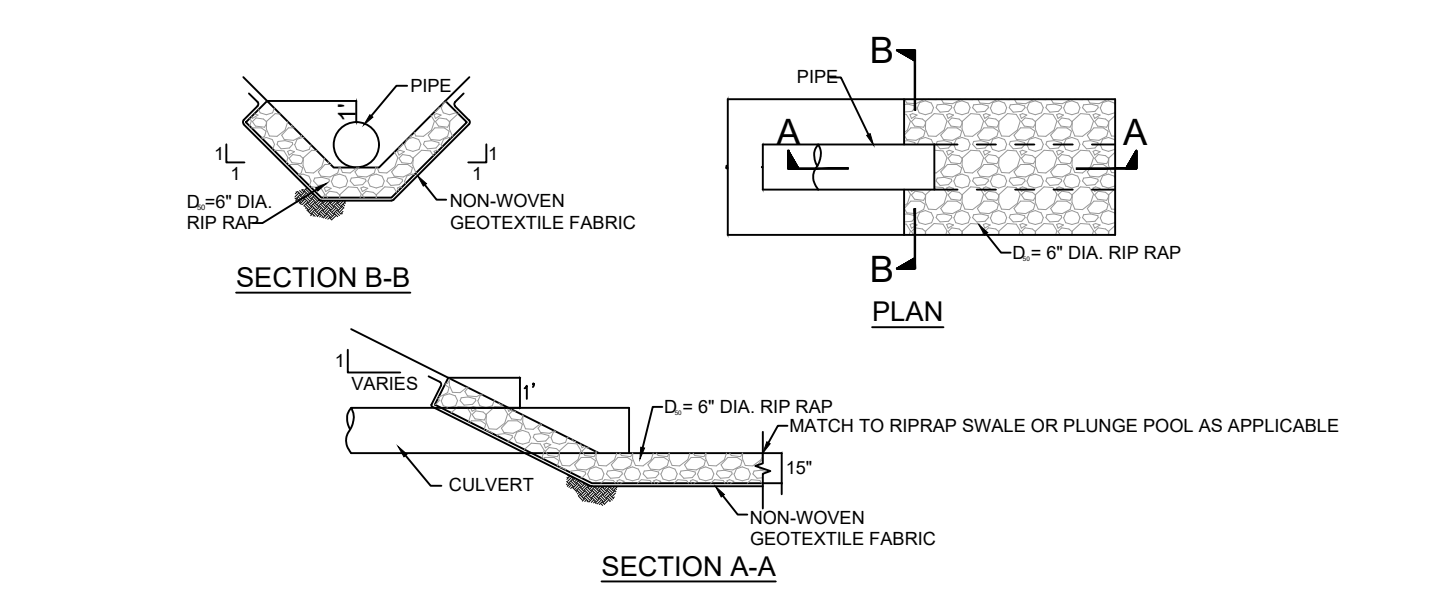
**STABILIZED CONSTRUCTION ENTRANCE**  
NOT TO SCALE



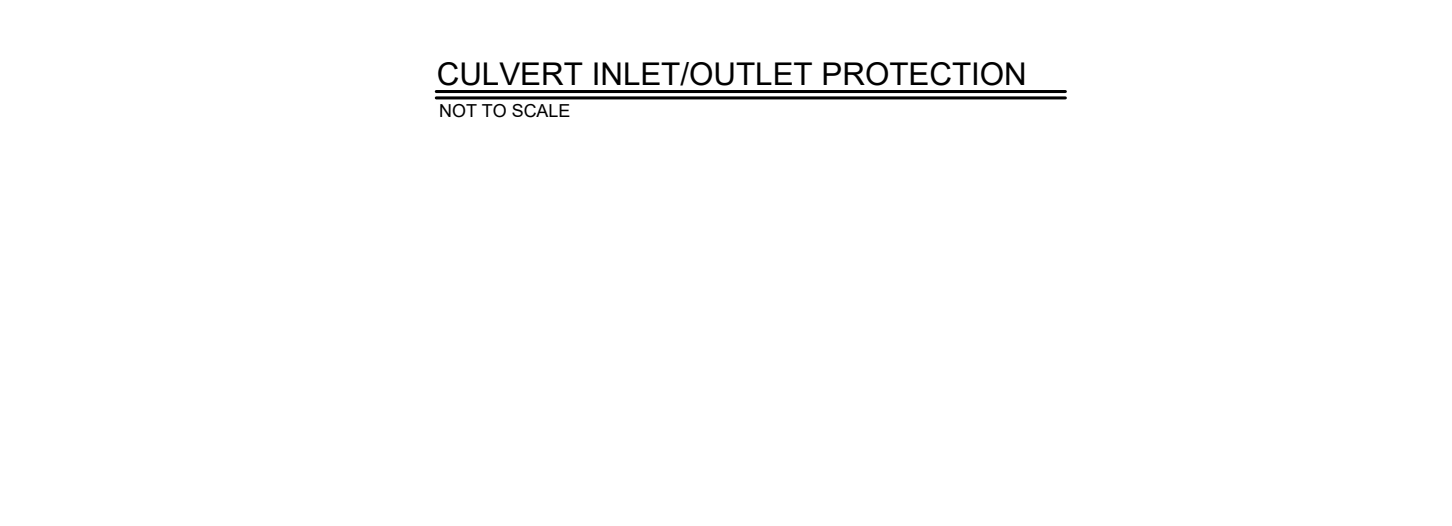
**EROSION CONTROL BLANKET**  
NOT TO SCALE



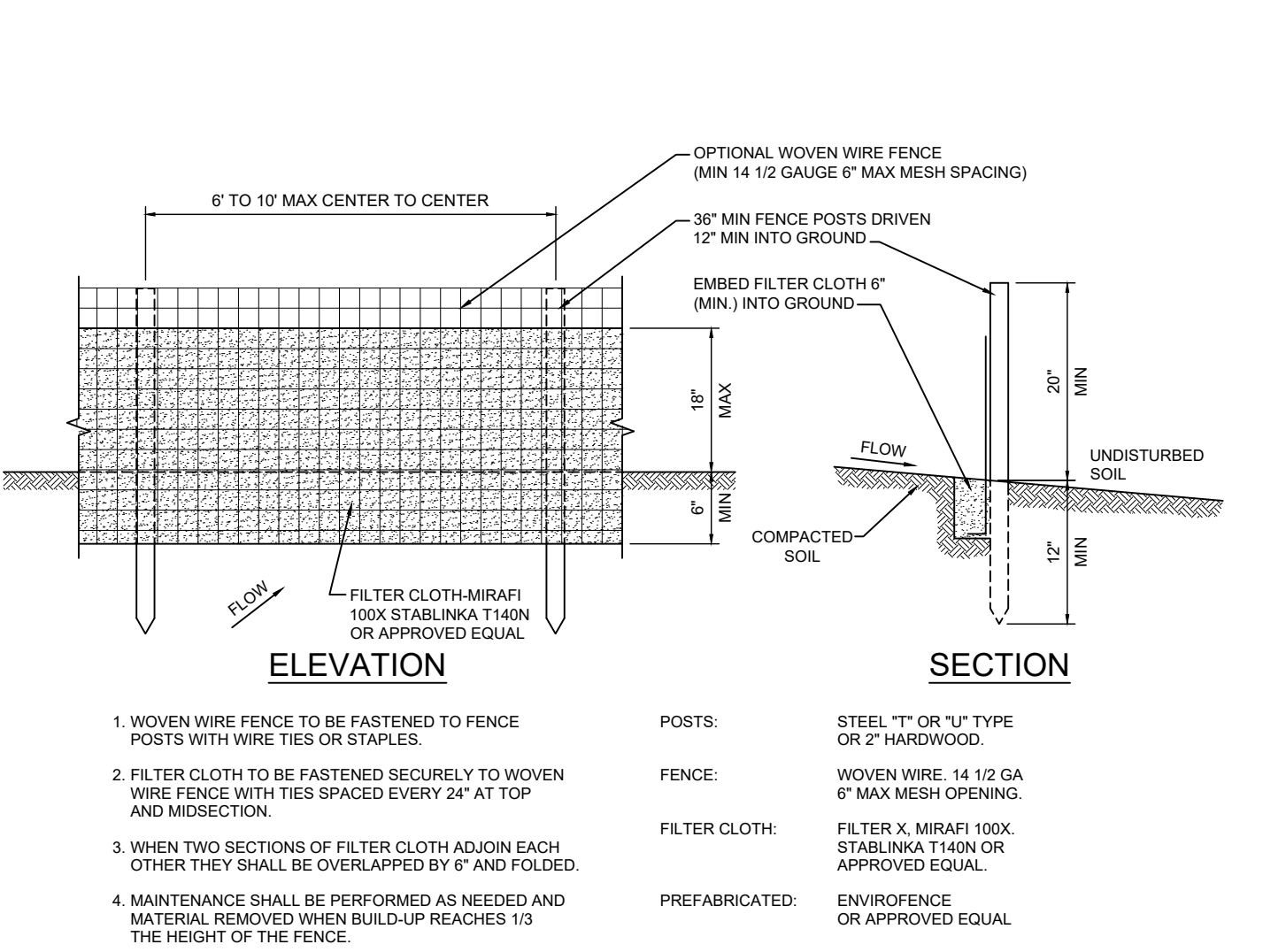
**GRASS LINED DITCH**  
NOT TO SCALE



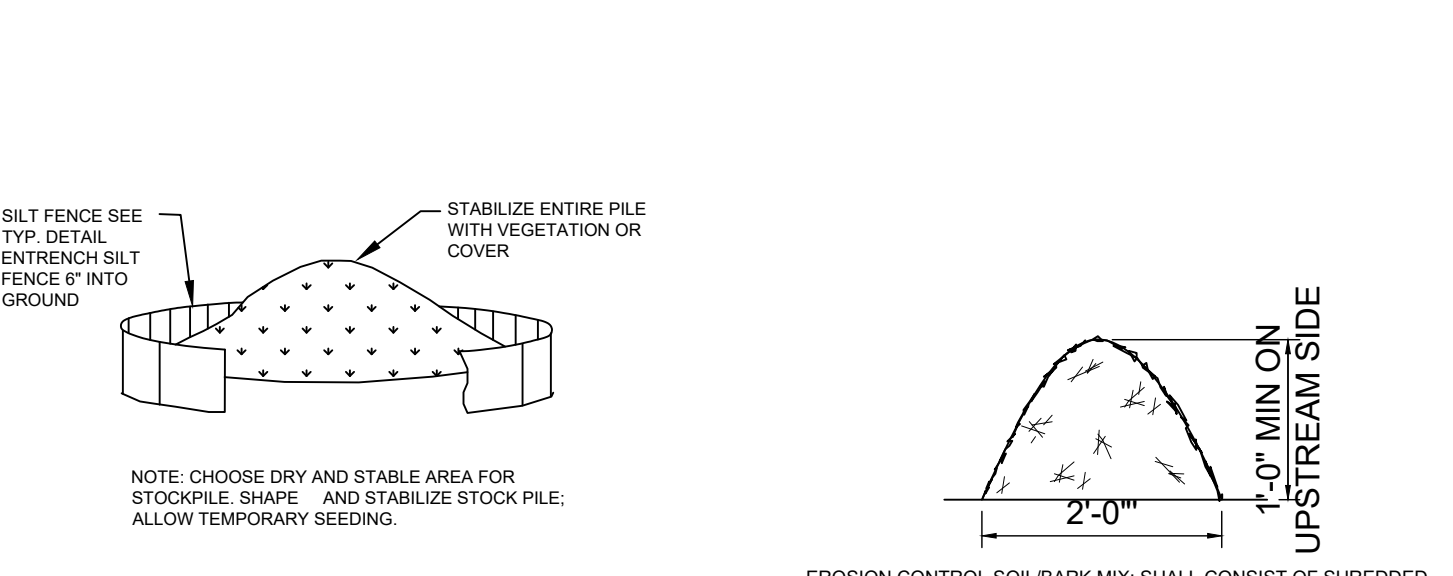
**STRAW BALE BARRIER**  
NOT TO SCALE



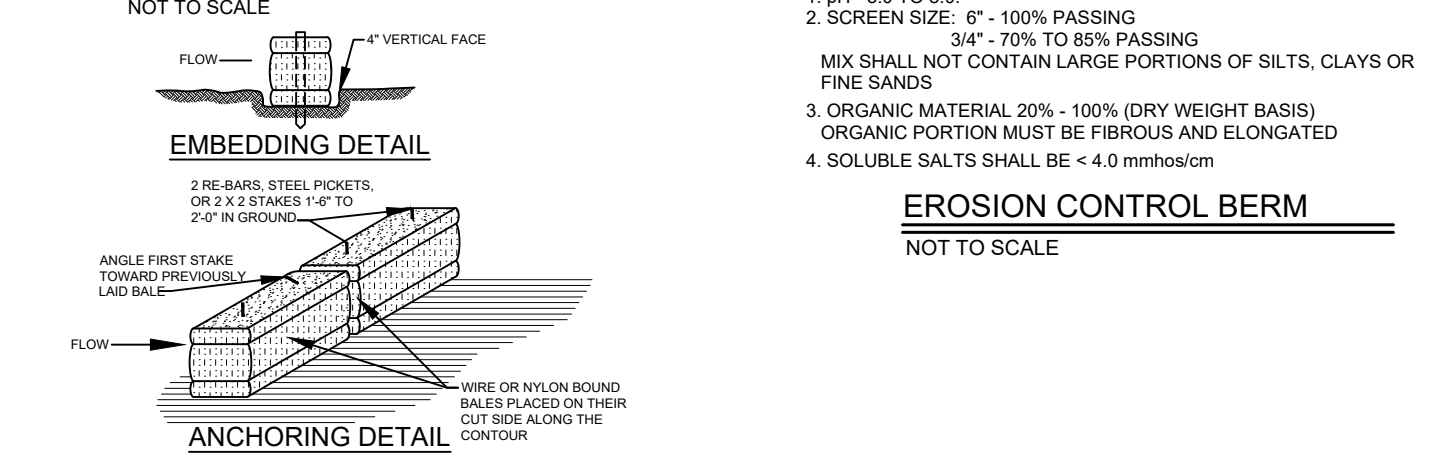
**CULVERT INLET/OUTLET PROTECTION**  
NOT TO SCALE



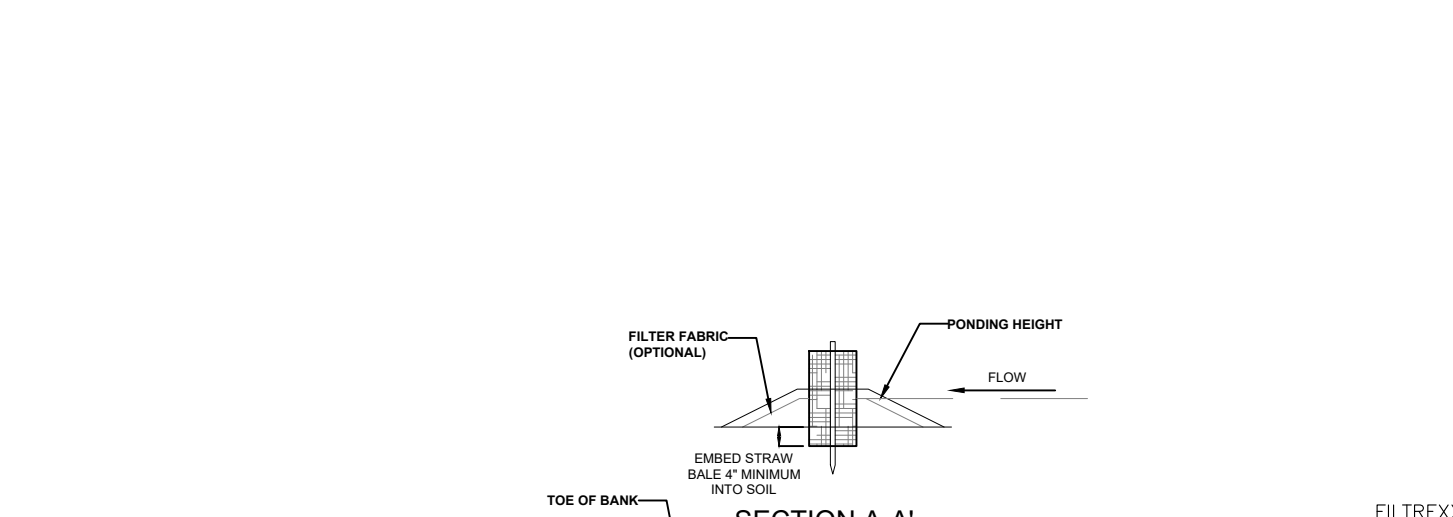
**SILT FENCE DETAILS**  
NOT TO SCALE



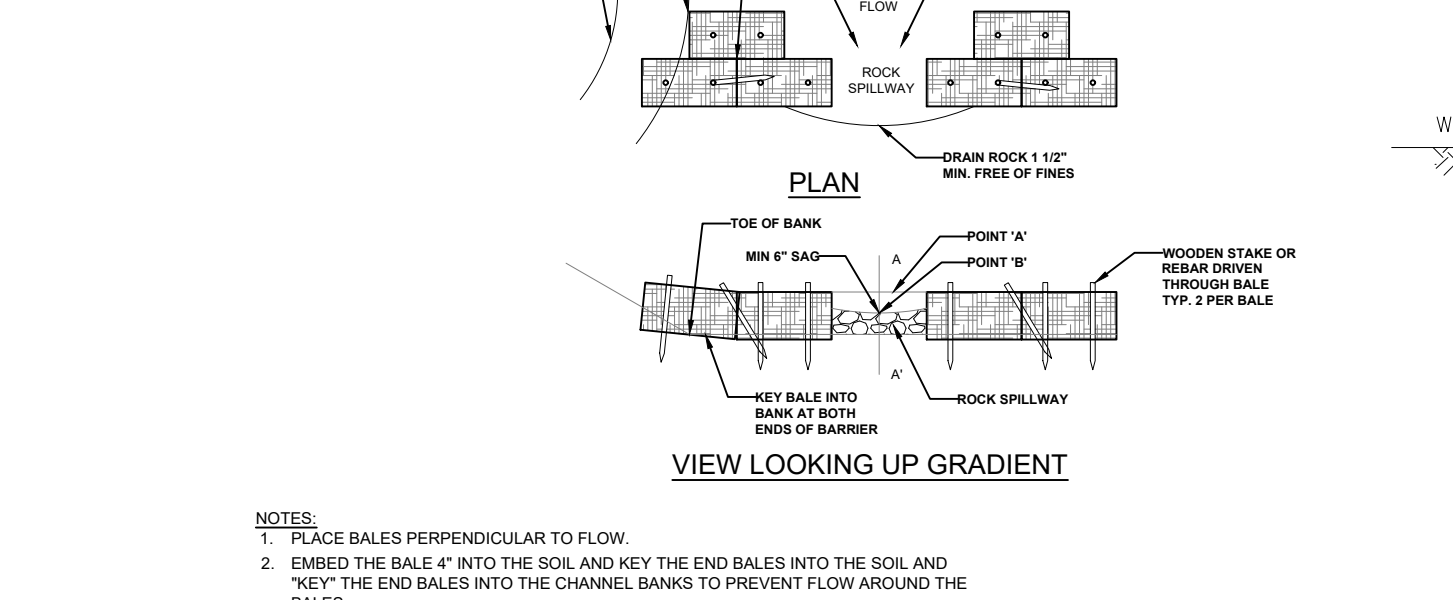
**TYPICAL SOIL STOCKPILE**  
NOT TO SCALE



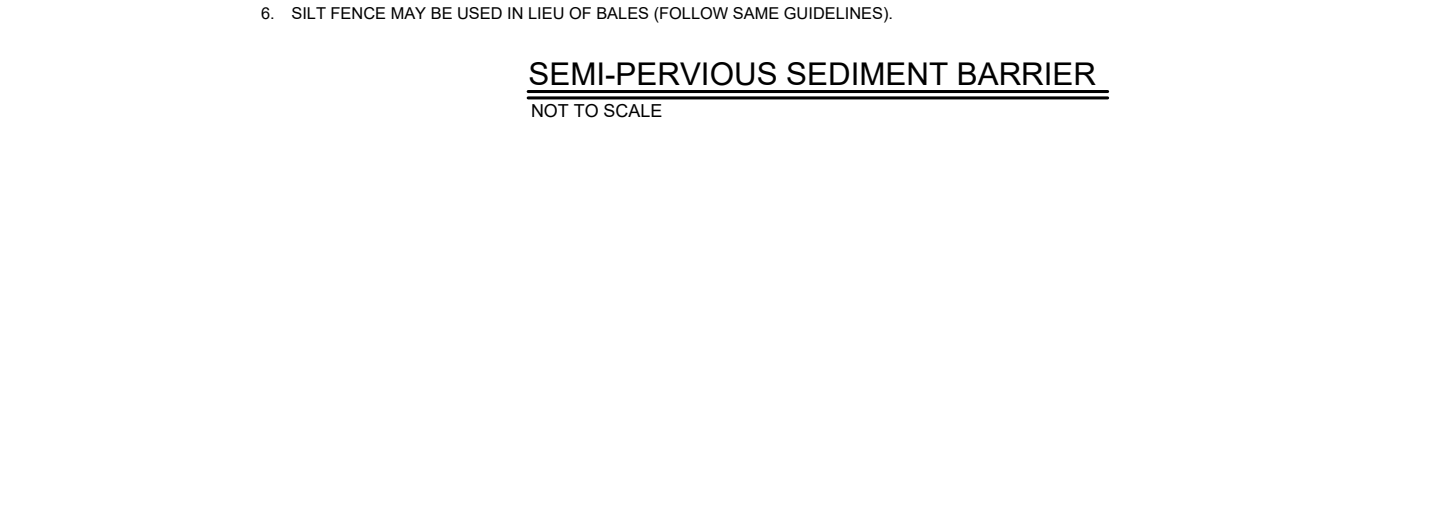
**EROSION CONTROL BERM**  
NOT TO SCALE



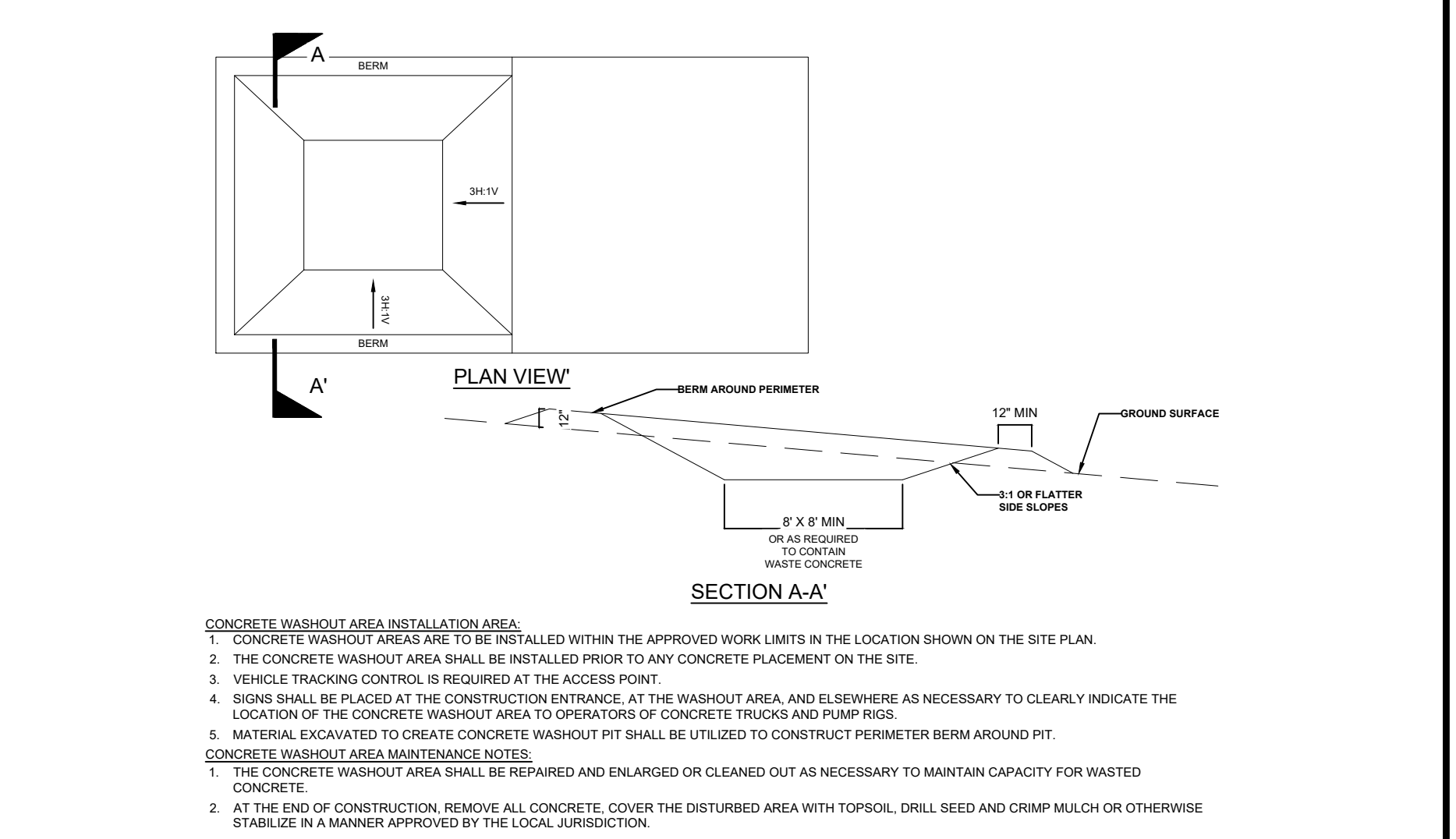
**SEMI-PERVIOUS SEDIMENT BARRIER**  
NOT TO SCALE



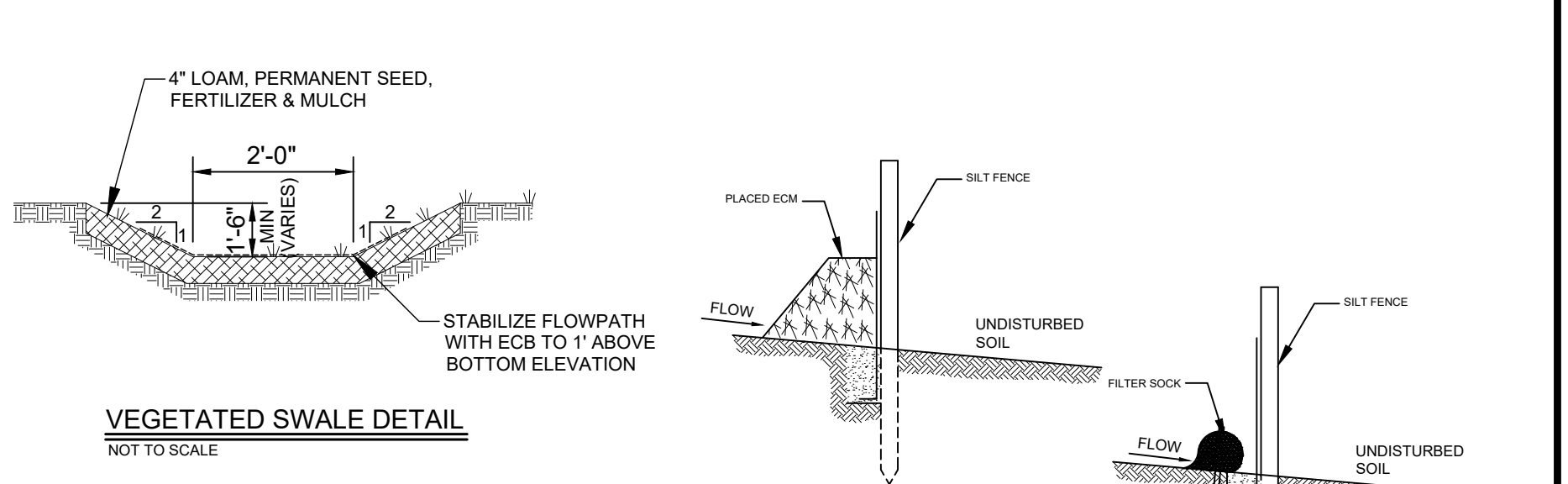
**WATTLE FILTER SOCK**  
NOT TO SCALE



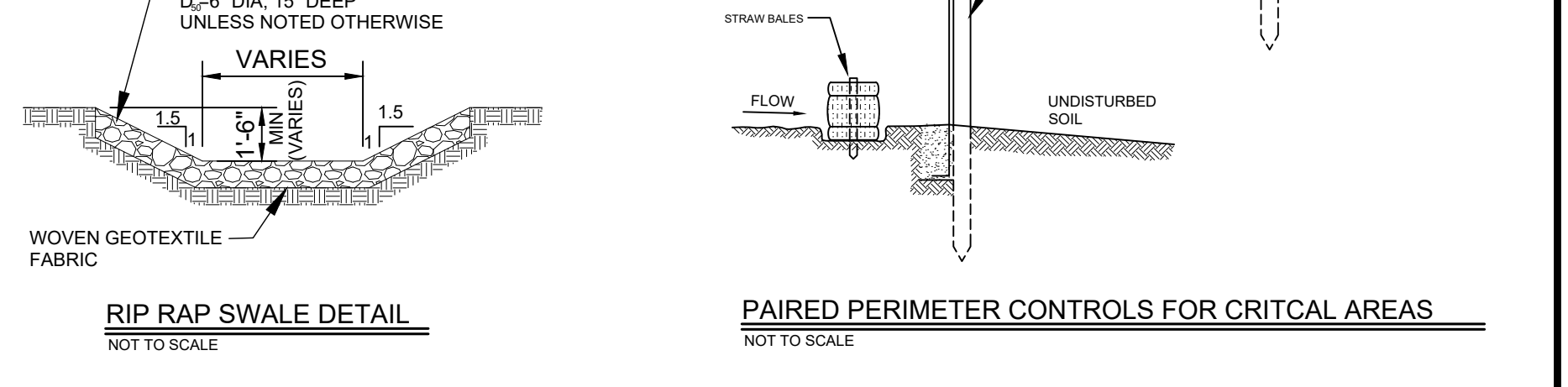
**VEGETATED SWALE DETAIL**  
NOT TO SCALE



**CONCRETE WASHOUT AREA**  
NOT TO SCALE



**RIP RAP SWALE DETAIL**  
NOT TO SCALE



**PAIRED PERIMETER CONTROLS FOR CRITICAL AREAS**  
NOT TO SCALE

**PERMITTING**  
NOT FOR CONSTRUCTION

STATE OF MAINE  
THOMAS N. DANIELS, JR.  
LICENSED PROFESSIONAL ENGINEER  
2021-09-07

PROFESSIONAL ENGINEER:  
THOMAS N. DANIELS, JR.  
DATE:  
SEPTEMBER 7, 2021

PROJECT: **AUBURN RENEWABLES 2, LLC  
PENLEY CORNER ROAD SOLAR PROJECT  
PROPOSED 2.5 MW AC SOLAR ARRAY  
100 PENLEY CORNER ROAD, AUBURN, MAINE**

TITLE: **EROSION CONTROL NOTES & DETAILS**

NO.	BY	DATE	REVISION	APPD.

DRAWN BY: TRC  
CHECKED BY: TND  
APPROVED BY: TND  
DATE: AUGUST 2021

PROJ. NO.: 440453  
**G1.02**

249 Western Ave.  
Augusta, ME 04330  
Phone: 207.621.7000  
www.trccompanies.com

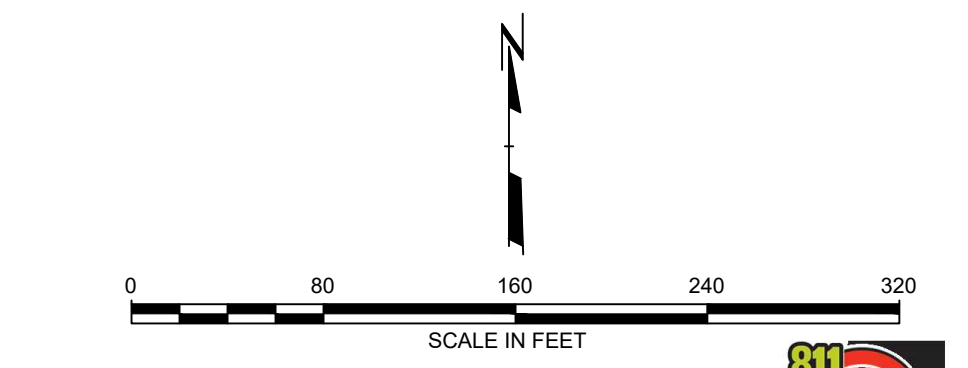
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2436 -- USER: jphart -- ATTACHED SHEETS: Main.dwg, 10-01-DWG, 10-02-DWG, 10-03-DWG, 10-04-DWG, 10-05-DWG, 10-06-DWG, 10-07-DWG, 10-08-DWG, 10-09-DWG, 10-10-DWG, 10-11-DWG, 10-12-DWG, 10-13-DWG, 10-14-DWG, 10-15-DWG, 10-16-DWG, 10-17-DWG, 10-18-DWG, 10-19-DWG, 10-20-DWG, 10-21-DWG, 10-22-DWG, 10-23-DWG, 10-24-DWG, 10-25-DWG, 10-26-DWG, 10-27-DWG, 10-28-DWG, 10-29-DWG, 10-30-DWG, 10-31-DWG, 10-32-DWG, 10-33-DWG, 10-34-DWG, 10-35-DWG, 10-36-DWG, 10-37-DWG, 10-38-DWG, 10-39-DWG, 10-40-DWG, 10-41-DWG, 10-42-DWG, 10-43-DWG, 10-44-DWG, 10-45-DWG, 10-46-DWG, 10-47-DWG, 10-48-DWG, 10-49-DWG, 10-50-DWG, 10-51-DWG, 10-52-DWG, 10-53-DWG, 10-54-DWG, 10-55-DWG, 10-56-DWG, 10-57-DWG, 10-58-DWG, 10-59-DWG, 10-60-DWG, 10-61-DWG, 10-62-DWG, 10-63-DWG, 10-64-DWG, 10-65-DWG, 10-66-DWG, 10-67-DWG, 10-68-DWG, 10-69-DWG, 10-70-DWG, 10-71-DWG, 10-72-DWG, 10-73-DWG, 10-74-DWG, 10-75-DWG, 10-76-DWG, 10-77-DWG, 10-78-DWG, 10-79-DWG, 10-80-DWG, 10-81-DWG, 10-82-DWG, 10-83-DWG, 10-84-DWG, 10-85-DWG, 10-86-DWG, 10-87-DWG, 10-88-DWG, 10-89-DWG, 10-90-DWG, 10-91-DWG, 10-92-DWG, 10-93-DWG, 10-94-DWG, 10-95-DWG, 10-96-DWG, 10-97-DWG, 10-98-DWG, 10-99-DWG, 10-100-DWG

2408 - USER: jpmey - ATTACHED: REFERS: 440453-NATURAL RESOURCES, 440453-SURVEY - ATTACHED IMAGES: 03/26/2021, 10/07/2021  
 DRAWING NAME: \\augustia-fp1\Environmental\RMD\ENV RMD Projects\Newamp\440453 - Penley Corner Road - Auburn, ME\DWG\440453-EXISTING.dwg - PLOT DATE: September 08, 2021 - 8:35AM - LAYOUT: C1.00



- PLAN REFERENCES**
1. "DRAFT PLAN OF LAND OF 100 PENLEY CORNER ROAD" PREPARED FOR TRC, PREPARED BY JONES ASSOCIATES INC., DATED JANUARY, 2020.
  2. "CONSTRUCTION DOCUMENTATION PLAN, PENLEY CORNER ROAD" PREPARED FOR LEWISTON AUBURN WATER POLLUTION CONTROL AUTHORITY, PREPARED BY TECHNICAL SERVICES INC., DATED JULY, 1994, ON FILE AT THE CITY OF AUBURN ENGINEERING DEPARTMENT.



**PERMITTING**  
NOT FOR CONSTRUCTION



		PROFESSIONAL ENGINEER: THOMAS N. DANIELS, JR. DATE: SEPTEMBER 7, 2021		
NO.	BY	DATE	REVISION	APPD.
PROJECT: <b>AUBURN RENEWABLES 2, LLC                  PENLEY CORNER ROAD SOLAR PROJECT                  PROPOSED 2.5 MW AC SOLAR ARRAY                  100 PENLEY CORNER ROAD, AUBURN, MAINE</b>				
<b>SITE PREPARATION PLAN</b>				
DRAWN BY: TRC		PROJ. NO.: 440453		
CHECKED BY: TND		<b>C1.00</b>		
APPROVED BY: TND				
DATE: AUGUST 2021				
		14 Gabriel Drive Augusta, ME 04330 Phone: 207.620.3800 www.trcsolutions.com		
FILE NO:		440453-EXISTING.dwg		

2438 - USER: jpm - ATTACHED: RESOURCES: 440453-BASE.dwg --- PLOT DATE: September 08, 2021 - 8:36AM --- LAYOUT: C2.00  
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N/F  
 RICHARD M. KEI  
 MICHELLE A. MITY  
 5105/284  
 139-008

REGRADE FENCED-IN AREAS TO UNIFORM GRADES WITH  
 MAXIMUM N-S SLOPE OF 20% TO MEET RACKING TOLERANCES.  
 GRADES TO BE ACHIEVED USING EXCESS SOILS GENERATED  
 FROM SITE GRADING ACTIVITIES.

POINT OF INTERCONNECTION  
 INTO DISTRIBUTION GRID  
 EXISTING CMP POLE #609

CULVERT SD-1  
 DIA: 15"  
 INV IN: 228.5'  
 INV OUT: 227.5'  
 S: 0.02 / L: 50'  
 INLET/OUTLET PROTECTION  
 SEE SHEET G1.02  
 RE-ESTABLISH DITCHING 25'  
 ON BOTH ENDS OF CULVERT

SIGHT DISTANCE >350'

PAVED ROAD  
 UP 612  
 355.19'

ENCROACHMENT OF  
 ENTRANCE ROAD  
 UP 613  
 6"x6" CMF  
 10' A.C.  
 S 36°00'27" W  
 532' DEED  
 ORIGIN 687/104  
 HELD 532.00' FROM  
 1PF PER DEED

MONUMENT,  
 SHOWS A  
 MONUMENT, NO STONE OR  
 NEAR CORNER.

20' GRAVEL ACCESS DRIVE.  
 PROPOSED GRADING PROVIDED  
 WITH 1' CONTOUR INTERVAL.

4' PERSONNEL GATE  
 20' SNOW REMOVAL GATE

20 VEHICLE GATE  
 4' PERSONNEL GATE  
 DC TRENCHING

MV AC UNDERGROUND  
 ELECTRIC LINE

MATERIAL STAGING  
 AND CONSTRUCTION  
 LAYDOWN AREA  
 ~30'x500'

PROPOSED EQUIPMENT  
 PAD

ACCESS DRIVE DESIGNED  
 FOR WB-67 VEHICLE

TEMPORARY TURNAROUND  
 EXTENSION FOR VEHICLE  
 TURNING

20' GRAVEL ACCESS DRIVE.  
 PROPOSED GRADING PROVIDED  
 WITH 1' CONTOUR INTERVAL.

50' - WIDE ROAD LAYOUT IN  
 ANDROSCOGGIN COUNTY COMMISSIONERS  
 VOL. 6, PAGE 391, ALSO SHOWN ON  
 PLAN REFERENCE A.

6"x6" CMF TOP  
 BROKEN

50' - WIDE DRAIN DRAINAGE  
 AND COVERED PIPE DRAIN  
 EASEMENT TO CITY OF  
 AUBURN IN 2840/235

UP 608

UP 609

UP 610

UP 611

UP 612

UP 613

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UP 615

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UP 843

UP 844

UP 845

UP 846

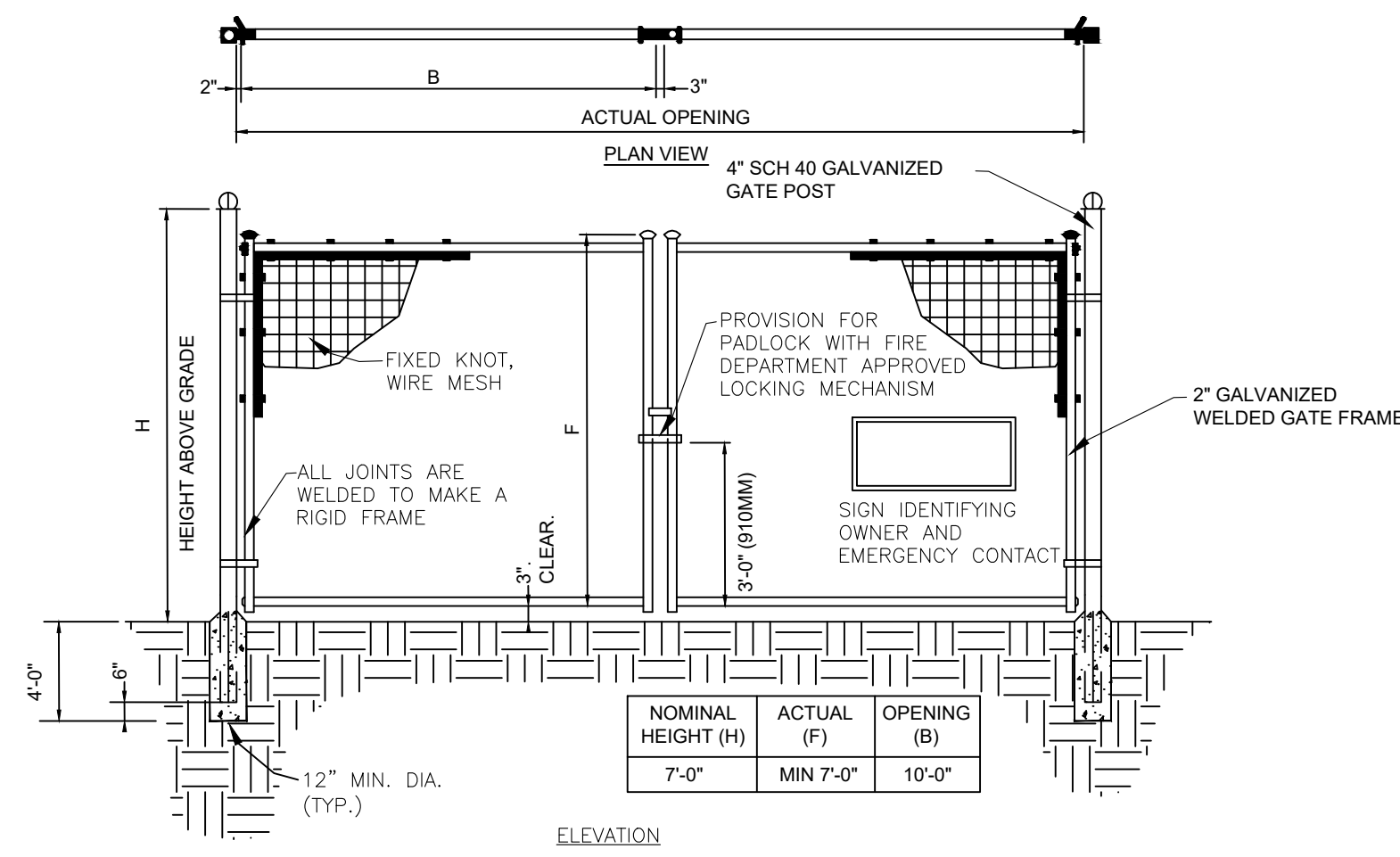
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UP 848

UP 849

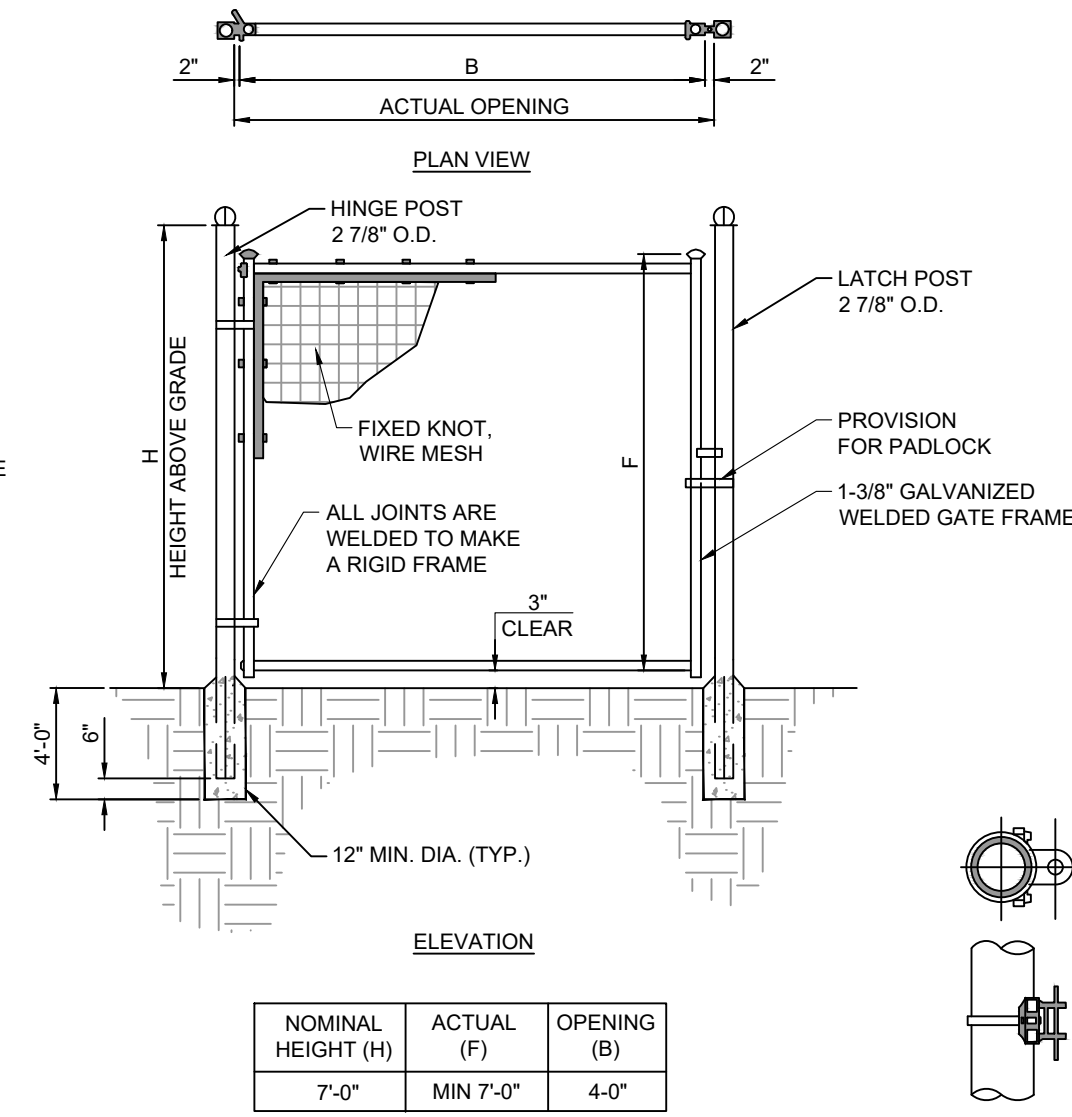
UP 850

- NOTES
1. ALL FENCING AND HARDWARE SHALL BE GALVANIZED.
  2. CONCRETE ENCASEMENT AT END AND GATE POSTS ONLY
  3. FIXED KNOT WIRE MESH TO BE BAKAERT SOLIDLOCK PRO (15/84/6) OR EQUIVALENT

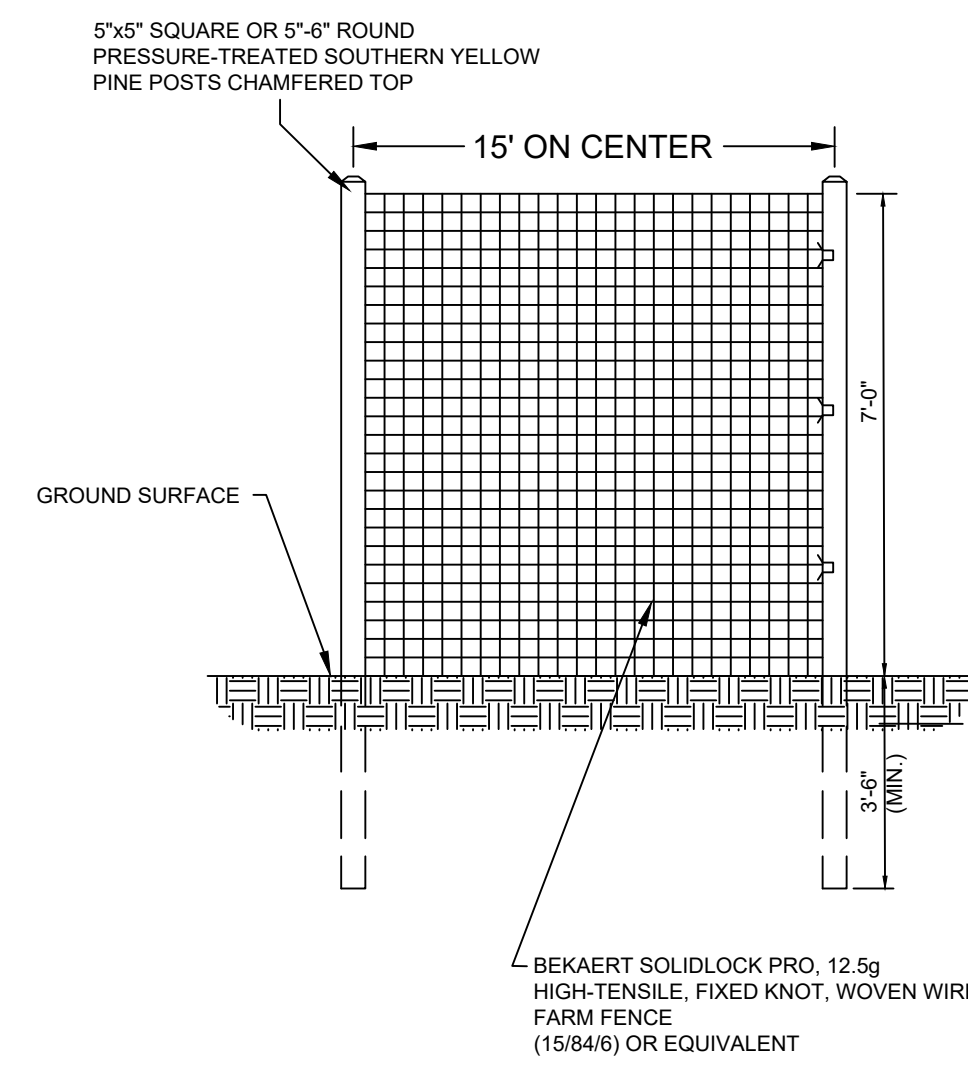


**FIXED KNOT FARM FENCE - DOUBLE GATE**  
NOT TO SCALE

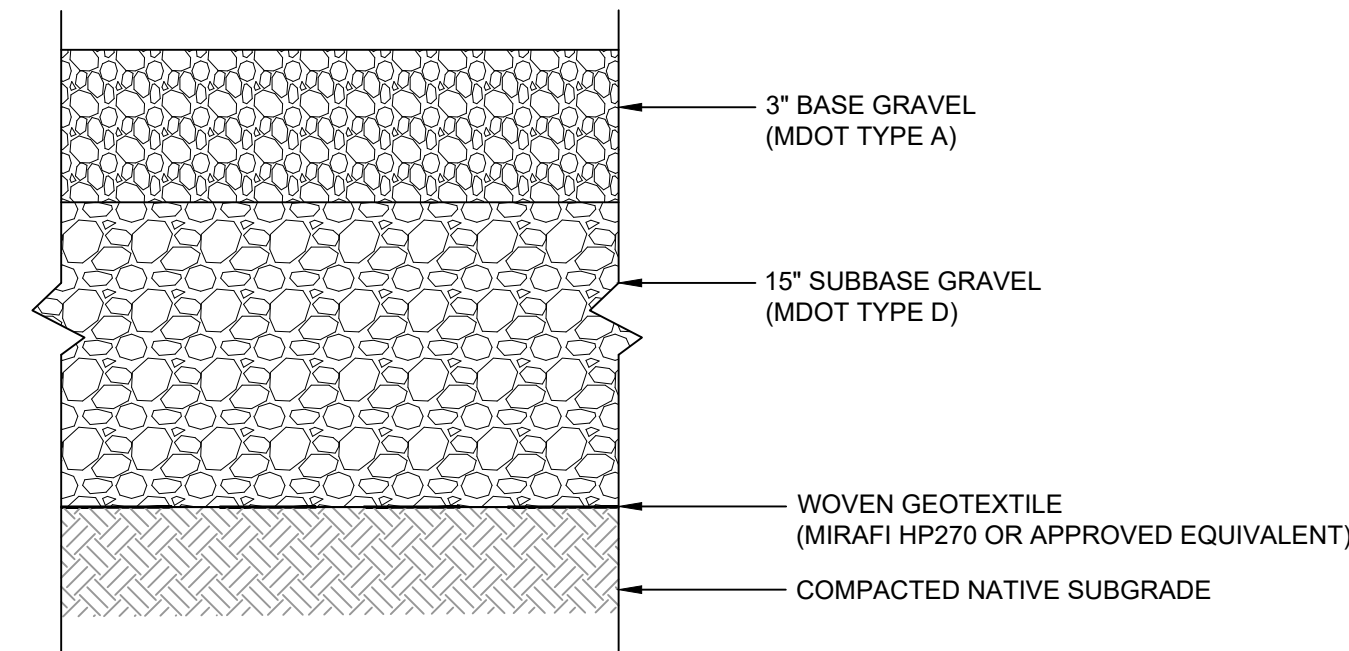
- NOTES
1. ALL FENCING AND HARDWARE SHALL BE GALVANIZED.
  2. CONCRETE ENCASEMENT AT END AND GATE POSTS ONLY
  3. FIXED KNOT WIRE MESH TO BE BAKAERT SOLIDLOCK PRO (20/96/6), (17/96/6) OR EQUIVALENT



**FIXED KNOT FARM FENCE - PERSONNEL GATE**  
NOT TO SCALE

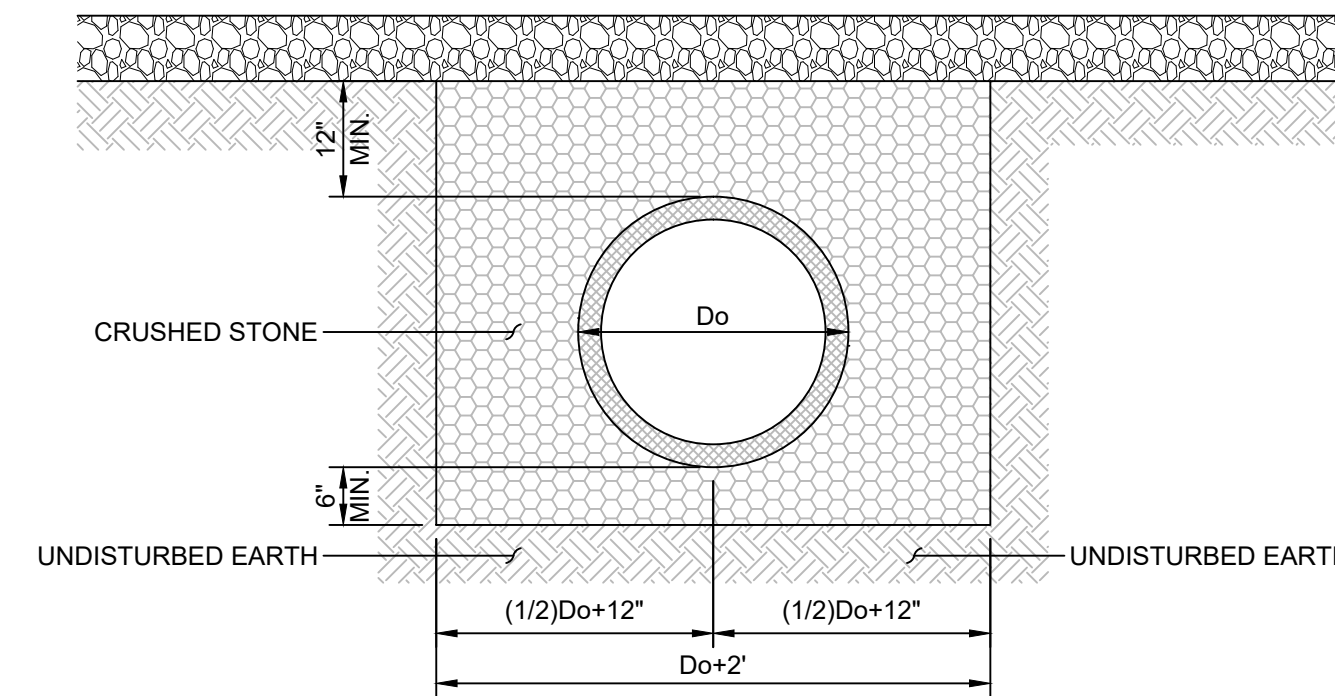


**FIXED KNOT FARM FENCE**  
NOT TO SCALE

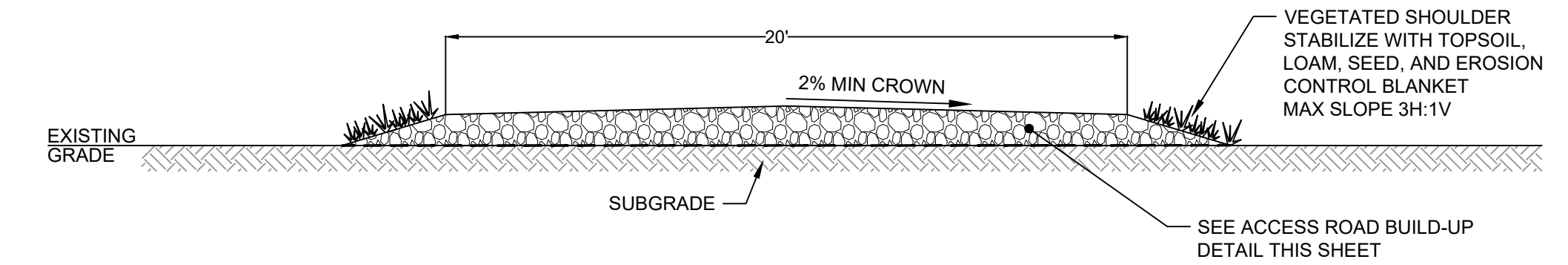


- CONSTRUCTION NOTES:
1. BASE AND SUBBASE GRAVEL SHALL CONFORM TO MDOT 703.06. AGGREGATE SHALL BE DURABLE CRUSHED ROCK CONSISTING OF THE ANGULAR FRAGMENTS OBTAINED BY BREAKING AND CRUSHING SOLID OR SHATTERED NATURAL ROCK, AND FREE FROM A DETRIMENTAL QUANTITY OF THIN, FLAT, ELONGATED, OR OTHER OBJECTIONABLE PIECES.
  2. BASE GRAVEL AND SUBBASE GRAVEL, SHALL BE COMPACTED TO 95% OF ASTM D1557 AND PLACED IN MAXIMUM COMPACTED LIFTS OF 9-INCHES.
  3. VEGETATION AND TOPSOIL WITHIN LIMIT OF ROAD FILL SHALL BE STRIPPED PRIOR TO PLACEMENT OF SUBGRADE FILL.
  4. SUBGRADE SHALL BE COMPACTED TO 95% OF ASTM D1557 TO A DEPTH OF 12-INCHES.

**GRAVEL ACCESS DRIVE BUILD-UP**  
NOT TO SCALE



**CULVERT TRENCH DETAIL**  
NOT TO SCALE



- CONSTRUCTION NOTES:
1. BUILD-UP OF ACCESS ROAD SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ACCESS ROAD BUILD-UP DETAIL.
  2. GRAVEL SURFACE SHALL BE CROWNED A MINIMUM OF 2%. CROSS SLOPE SHALL NOT EXCEED 4%.
  3. TOPSOIL WITHIN LIMIT OF ROAD FILL SHALL BE REMOVED PRIOR TO PLACEMENT OF ROAD BUILD-UP MATERIALS AND USED IN SUPPORT OF STABILIZING ROADWAY SHOULDERS.
  4. ROADWAY SHOULDER SHALL BE VEGETATED AND PREPARED TO DIRECT RUNOFF AS SHEETFLOW TO UNDISTURBED AREAS.

**PROPOSED ACCESS DRIVE DETAIL**  
NOT TO SCALE

PERMITTING  
NOT FOR CONSTRUCTION



SEAL:

PROFESSIONAL ENGINEER:  
THOMAS N. DANIELS, JR.  
DATE:  
SEPTEMBER 7, 2021

NO.	BY	DATE	REVISION	APPD.

PROJECT: **AUBURN RENEWABLES 2, LLC  
PENLEY CORNER ROAD SOLAR PROJECT  
PROPOSED 2.5 MW AC SOLAR ARRAY  
100 PENLEY CORNER ROAD, AUBURN, MAINE**

TITLE: **CIVIL CONSTRUCTION DETAILS**

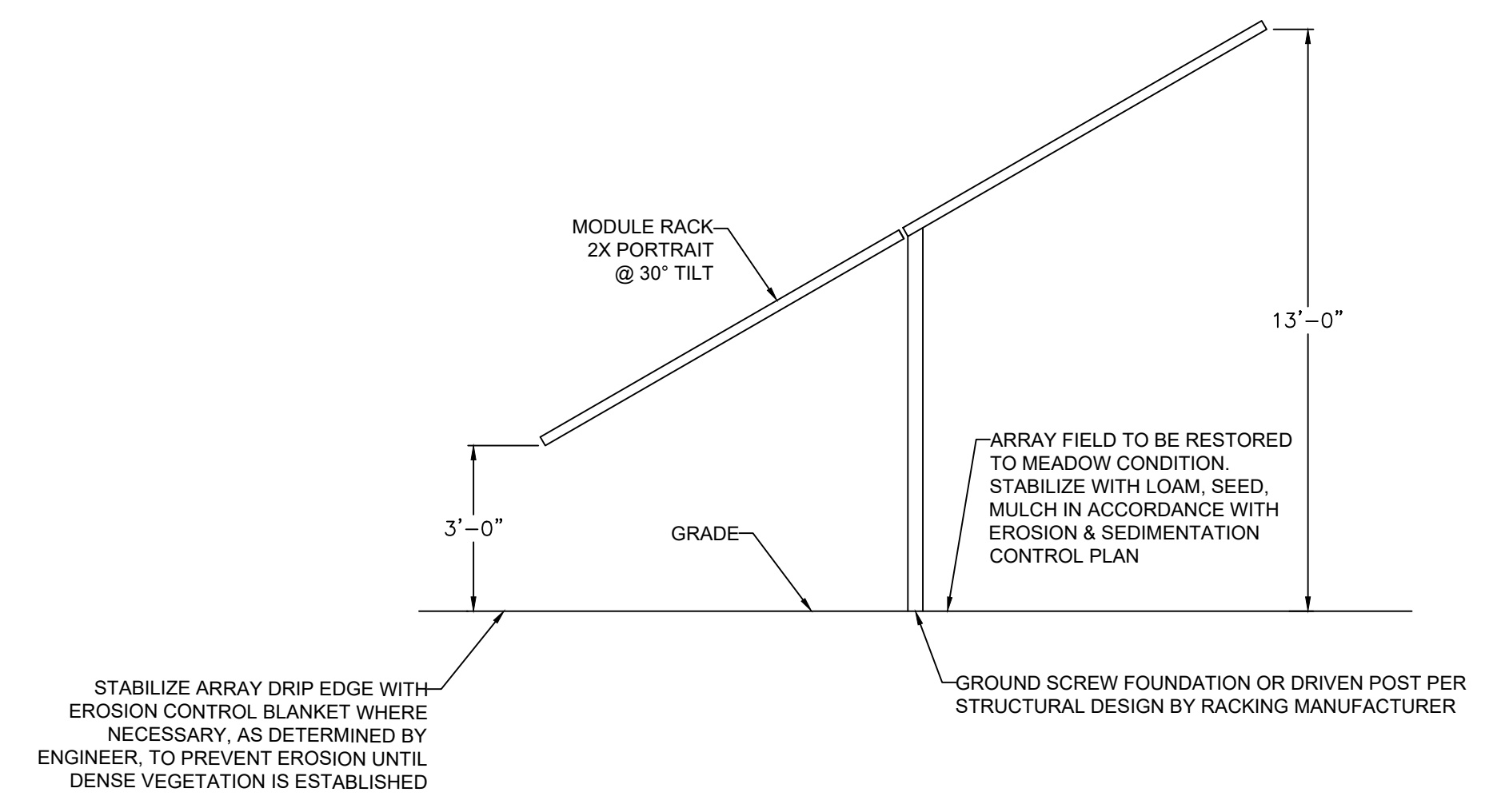
DRAWN BY:	TRC	PROJ. NO.:	440453
CHECKED BY:	TND		
APPROVED BY:	TND		<b>C4.00</b>
DATE:	AUGUST 2021		



249 Western Ave.  
Augusta, ME 04330  
Phone: 207.621.7000  
www.trccompanies.com

FILE NO: 440453-DT.dwg

2436 --USER: jperret --ATTACHED: XREFS -- ATTACHED IMAGES: D:\S&K\_Fence Signs\_1\20210907 -- PLOT DATE: September 08, 2021 - 8:37AM -- LAYOUT: C5.00  
 DRAWING NAME: \\augusta-fp1\Environmental\RMD\ENY RMD Projects\Nexamp\440453 - Penley Corner Road - Auburn, ME\10-DWG\440453-DT.dwg

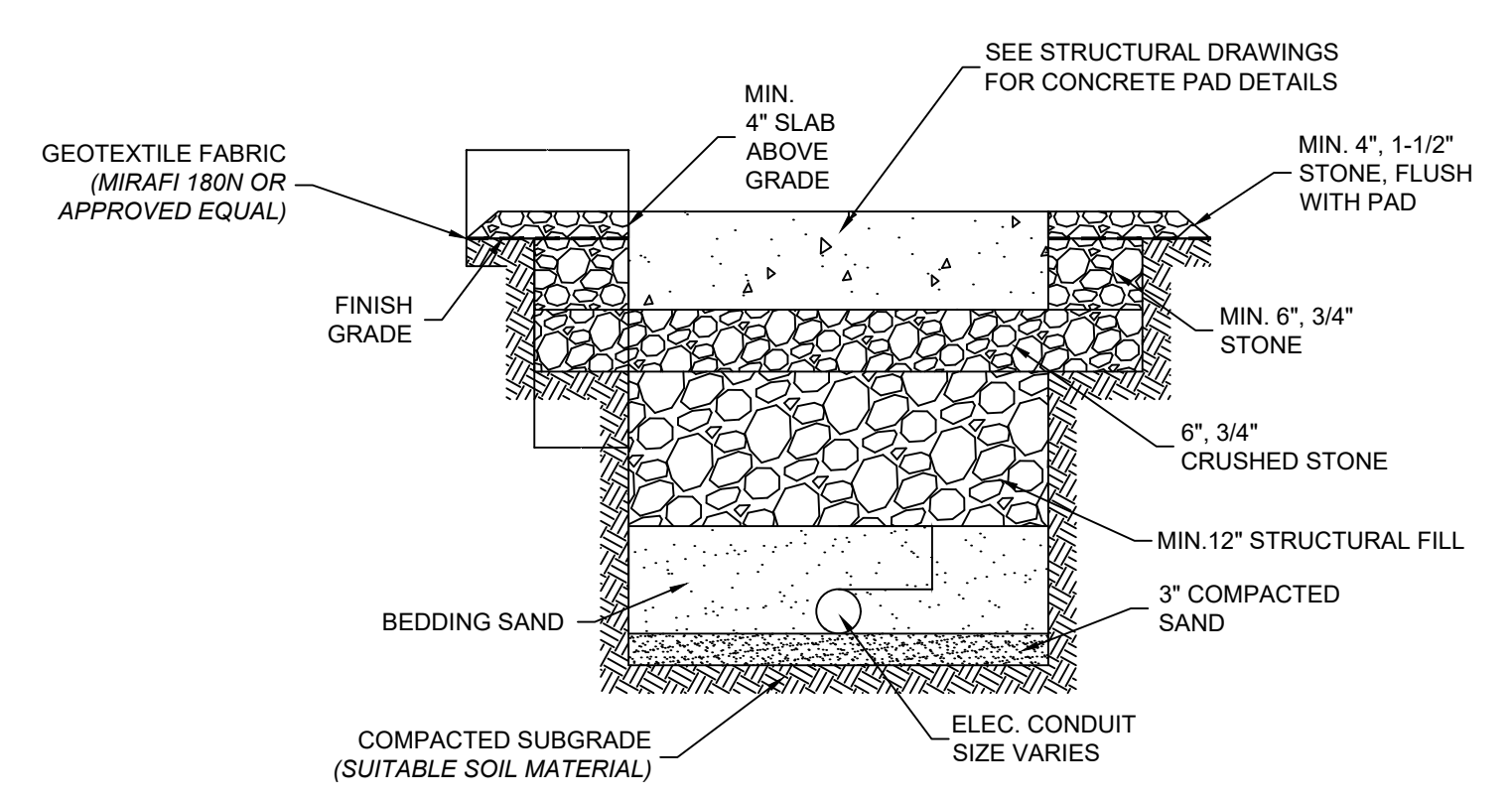


**TYPICAL FIXED TILT SOLAR RACKING - SIDE ELEVATION**  
NOT TO SCALE



- NOTES**
- SIGNS SHALL CONFORM TO THE 2013 OSHA AND ANSI REQUIREMENTS.
  - SIGNS SHALL BE 20" WIDE BY 14" HIGH.
  - SIGNS SHALL HAVE A MOUNTING HEIGHT OF BETWEEN 45 TO 66 INCHES.
  - SIGN PANELS SHALL BE 10 GAUGE ALUMINUM WITH HIGH VISIBILITY REFLECTIVE SHEETING.

**FENCE WARNING SIGNS**  
NOT TO SCALE



**TYPICAL EQUIPMENT PAD ELEVATION**  
NOT TO SCALE

- NOTES**
- DETAILS THIS SHEET ARE FOR CONCEPTUAL AND ILLUSTRATIVE PURPOSES ONLY. FINAL LAYOUT AND CONFIGURATION IS SUBJECT TO DETAILED ENGINEERING DESIGN, INTERCONNECTION AGREEMENT, AND FINAL AHJ APPROVAL.
  - FINAL EQUIPMENT CLEARANCES ARE SUBJECT TO AHJ APPROVAL AND NEC CODE COMPLIANCE.

**PERMITTING**  
 NOT FOR CONSTRUCTION



	PROFESSIONAL ENGINEER: THOMAS N. DANIELS, JR. DATE: SEPTEMBER 7, 2021
--	--

NO.	BY	DATE	REVISION	APP'D.
PROJECT: <b>AUBURN RENEWABLES 2, LLC          PENLEY CORNER ROAD SOLAR PROJECT          PROPOSED 2.5 MW AC SOLAR ARRAY          100 PENLEY CORNER ROAD, AUBURN, MAINE</b>				
<b>PRELIMINARY ELECTRICAL DETAILS</b>				
DRAWN BY: TRC		PROJ. NO.: 440453		
CHECKED BY: TND		<b>C5.00</b>		
APPROVED BY: TND				
DATE: AUGUST 2021				
		249 Western Ave. Augusta, ME 04330 Phone: 207.621.7000 www.trccompanies.com		
FILE NO:		440453-DT.dwg		