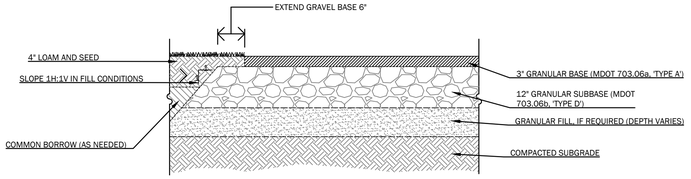
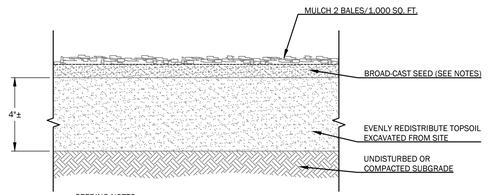


1 C4.1 ACCESS ROAD SECTION

NOT TO SCALE

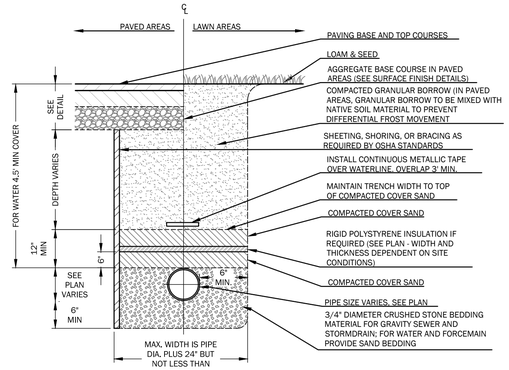


SEEDING NOTES:

1. DISTURBED AREAS BELOW PANEL ARRAY SHALL BE SEEDED WITH LOW MAINTENANCE NATIVE GRASS AND CLOVER SEED MIX.
2. DISTURBED AREAS OUTSIDE OF PANEL ARRAY SHALL BE SEEDED WITH NATIVE POLLINATOR FRIENDLY SEED MIXES.

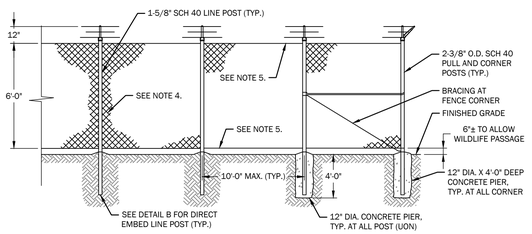
2 C4.1 LOAM AND SEED SECTION

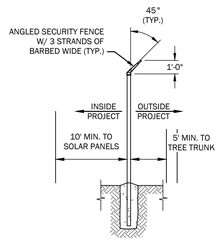
NOT TO SCALE



3 C4.1 TYPICAL PIPE TRENCHING

NOT TO SCALE



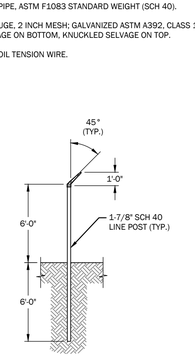


NOTES:

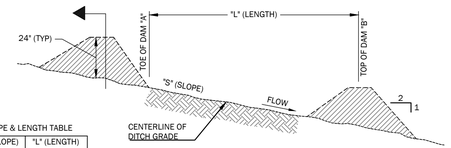
1. FENCING CONTRACTOR SHALL DESIGN AND INSTALL FENCE PER LOCAL REQUIREMENTS AND/OR SUGGESTED PRACTICE FOR ALL COMPONENTS NOT SPECIFICALLY CALLED OUT.
2. ALL STEEL OR MALLEABLE IRON PARTS AND ACCESSORIES SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WIT ASTM A123 AFTER FABRICATION.
3. POSTS - STEEL PIPE, ASTM F1083 STANDARD WEIGHT (SCH 40).
4. FABRIC - 12 GAUGE, 2 INCH MESH; GALVANIZED ASTM A392, CLASS 1; TWISTED SELVAGE ON BOTTOM, KNUCKLED SELVAGE ON TOP.
5. NO. 7 GAUGE COIL TENSION WIRE.

4 C4.1 BARBED WIRE FENCE WITH GATE

NOT TO SCALE



DIRECT EMBED LINE
POST FOUNDATION (OPTIONAL)

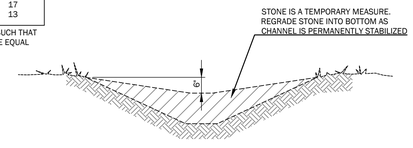


SLOPE & LENGTH TABLE

"S" (SLOPE) FT/FT	"L" (LENGTH) FT/FT
0.020	100
0.030	66
0.040	50
0.050	40
0.080	25
0.100	20
0.120	17
0.150	13

L = THE DISTANCE SUCH THAT POINTS A AND B ARE EQUAL ELEVATION.

SPACING BETWEEN CHECK DAMS
ELEVATION VIEW



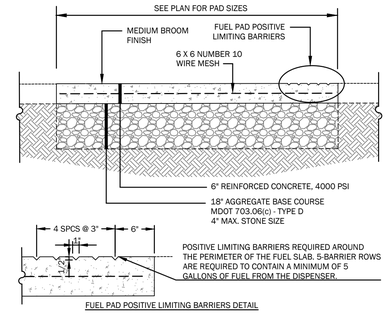
SECTION VIEW

NOTES:

1. STONE CHECK DAMS ARE NOT REQ'D IN PROPOSED RIPRAP DITCHES. USE IN UNLINED DITCHES DURING CONSTRUCTION.
2. CHECK DAMS ARE NOT INTENDED TO BE USED PRIMARILY FOR SEDIMENT TRAPPING. SOME SEDIMENT WILL ACCUMULATE BEHIND DAMS. SEDIMENT SHOULD BE REMOVED FROM BEHIND DAMS WHEN IT HAS ACCUMULATED TO ONE HALF THE ORIGINAL HEIGHT OF THE DAM.
3. STONE: 2"-3" CRUSHED STONE (MDOT 703.31)
4. KEY STONE INTO CHANNEL BANKS AND EXTEND IT BEYOND THE ABUTMENTS A MINIMUM OF 18" (0.5m) TO PREVENT FLOW AROUND DAM.

5 C4.1 STONE CHECK DAM

NOT TO SCALE

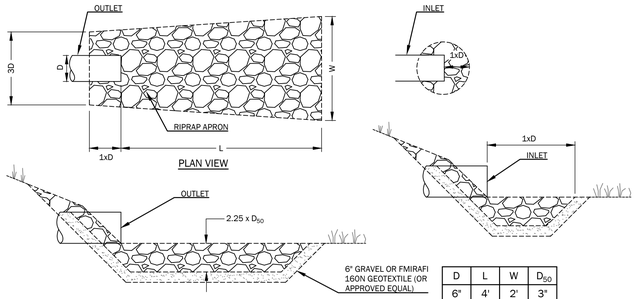


FUEL PAD POSITIVE LIMITING BARRIERS DETAIL

NOTE: CONTRACTOR TO PROVIDE DESIGN FOR GENERATOR PAD SHOWING CONCRETE THICKNESS AND REINFORCING SIGNED BY A LICENSED PROFESSIONAL ENGINEER

6 C4.1 CONCRETE EQUIPMENT PADS

NOT TO SCALE



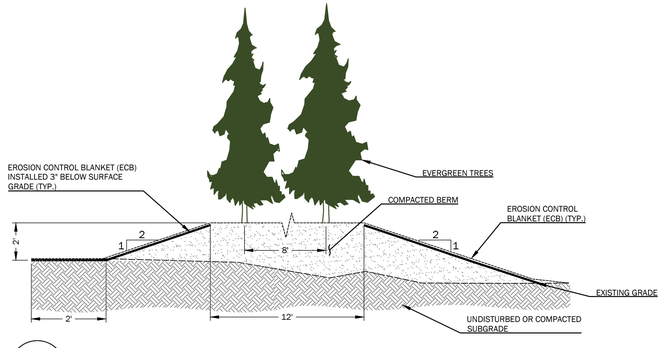
NOTES:

1. USE D_{50} NOTED ON TABLE UNLESS OTHERWISE SPECIFIED ON PLANS.
2. UNDERLAY RIPRAP WITH 6" GRAVEL OR MIRAFI 160N GEOTEXTILE (OR APPROVED EQUAL)
3. USE WIDTHS NOTED ABOVE OR CONFORM TO NATURAL CHANNEL OR TOPOGRAPHY.
4. RIPRAP INLET PROTECTION SHALL BE A CIRCULAR APRON WITH A RADIUS OF 1X THE PIPE DIAMETER.

D	L	W	D_{50}
6"	4'	2'	3"
12"	6'	4'	5"
15"	7'	5'	6"
18"	8'	6'	8"
24"	10'	8'	8"

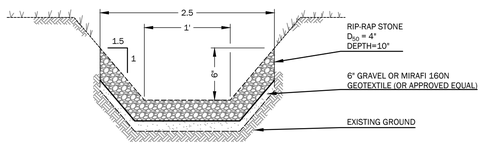
7 C4.1 RIPRAP INLET & OUTLET APRONS

NOT TO SCALE



8 C4.1 DIVERSION BERM WITH BUFFER PLANTING

NOT TO SCALE



9 C4.1 TYPICAL RIP-RAP SWALE SECTION

NOT TO SCALE

WALSH
ENGINEERING ASSOCIATES, INC.
One Karen Dr., Suite 2A | Westbrook, Maine 04092
ph: 207.553.9898 | www.walsh-eng.com

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STATE OF MAINE
SILAS W. CANAVAN
No. 12639
LICENSED PROFESSIONAL ENGINEER
12/22/2020

WH02 Solar Project
Map 6, Lot 60
Swett Road
Windham, Maine 04062

PREPARED FOR:
TPE ME WH02, LLC
737 South Corona Street, Suite 100
Denver, Colorado 80209

ISSUED FOR PERMITTING - NOT FOR CONSTRUCTION

Rev.	Date	Description	Drawn	Check
1	11/18/2020	Issued for DEP Permits	ML	SWC
2	11/23/2020	Issued for Town Permit	ML	SWC
3	12/4/2020	Revised per Town comments	DEPT.	SWC
4	12/22/2020	Revised per Planning Board comments	DEPT.	SWC

Sheet Title:
Site Details

Job No.:	672
Date:	November 2020
Scale:	NO SCALE
Drawn:	MTL/TFG
Checked:	SWC

Sheet No.: C4.1

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