

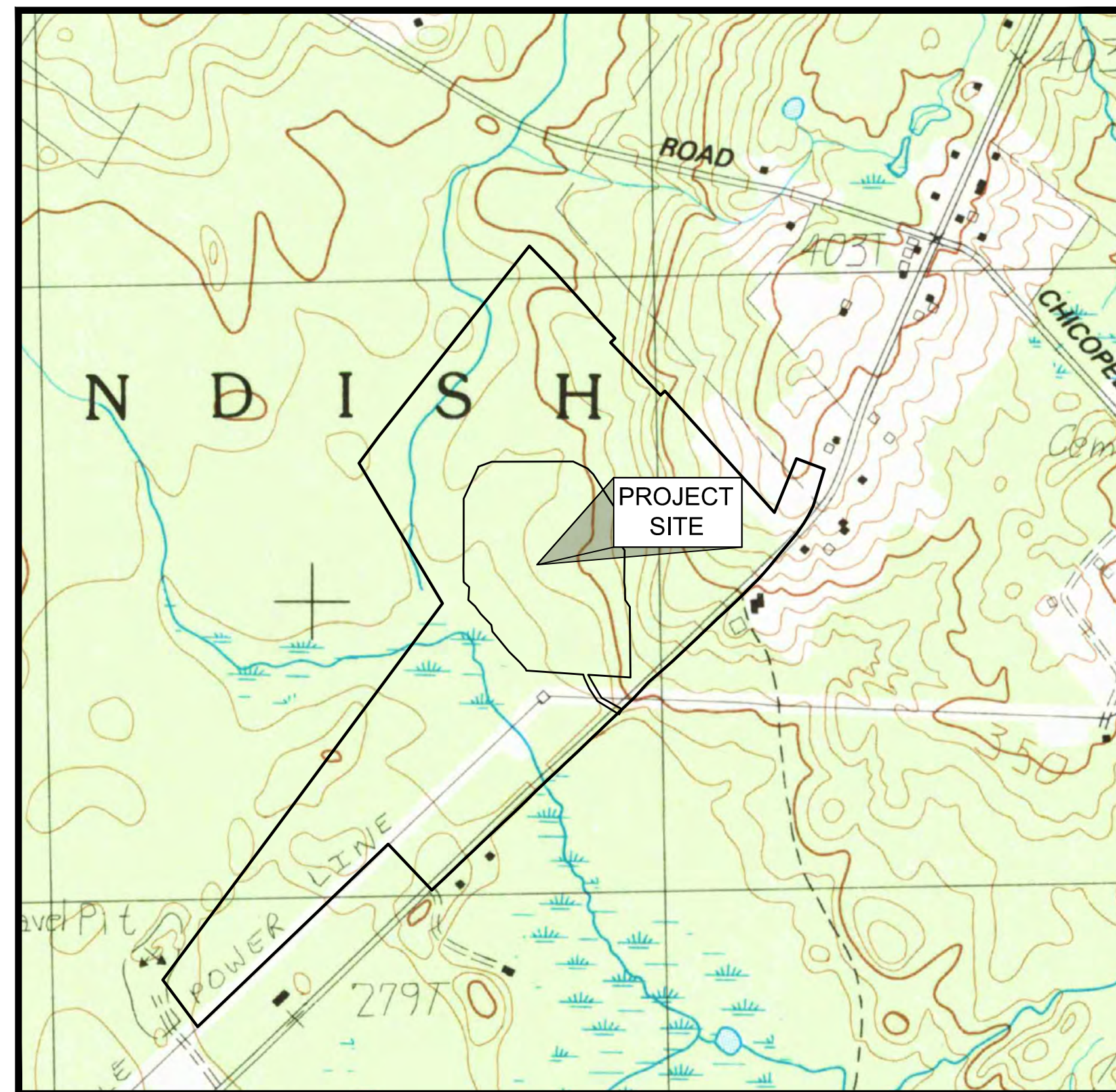
STANDISH BONNY EAGLE SOLAR 1, LLC

3,007.53 KW DC GROUND-MOUNT (2,490 KW AC) SOLAR PV DEVELOPMENT

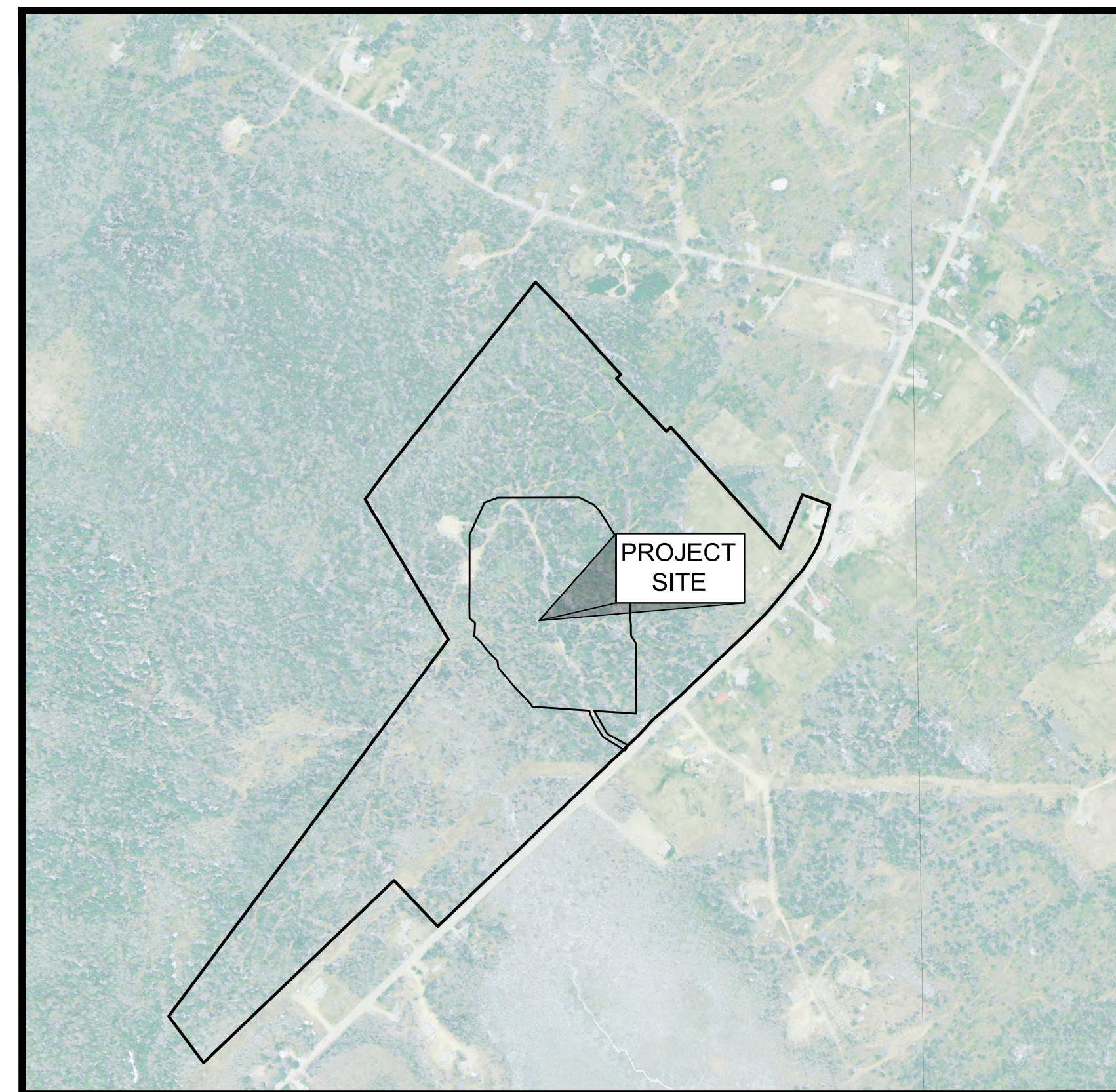
425 BONNY EAGLE ROAD, STANDISH, MAINE

MAY 2020

ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION



LOCUS MAP
NOT TO SCALE



AERIAL IMAGE
NOT TO SCALE

DRAWING INDEX

SHEET NUMBER	DRAWING TITLE	DRAWING NUMBER
	COVER SHEET	
1	EXISTING CONDITIONS PLAN	V-101
2	PROPOSED SITE PLAN	C-101
3	CONSTRUCTION, EROSION, AND SEDIMENTATION CONTROL DETAILS, AND NOTES	C-501
4	EROSION AND SEDIMENTATION CONTROL PLAN	C-502

PROPERTY OWNER

ROGER W. MOSLEY
80 PHINNEY ROAD
STANDISH, MAINE 04084

DEVELOPED BY

STANDISH BONNY EAGLE SOLAR 1, LLC

Soltage
RENEWABLE ENERGY PROVIDER

66 YORK STREET, 5TH FLOOR
JERSEY CITY, NEW JERSEY 07302

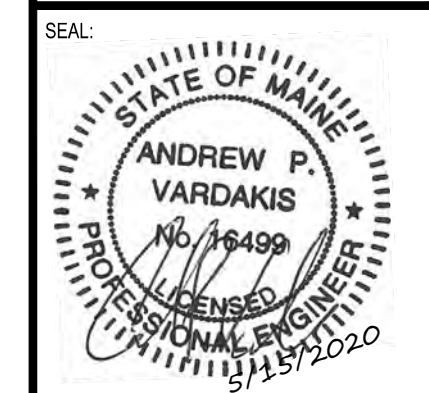
PREPARED BY

wood.
WOOD ENVIRONMENT &
INFRASTRUCTURE SOLUTIONS, INC.
511 CONGRESS STREET #200
PORTLAND, MAINE 04101

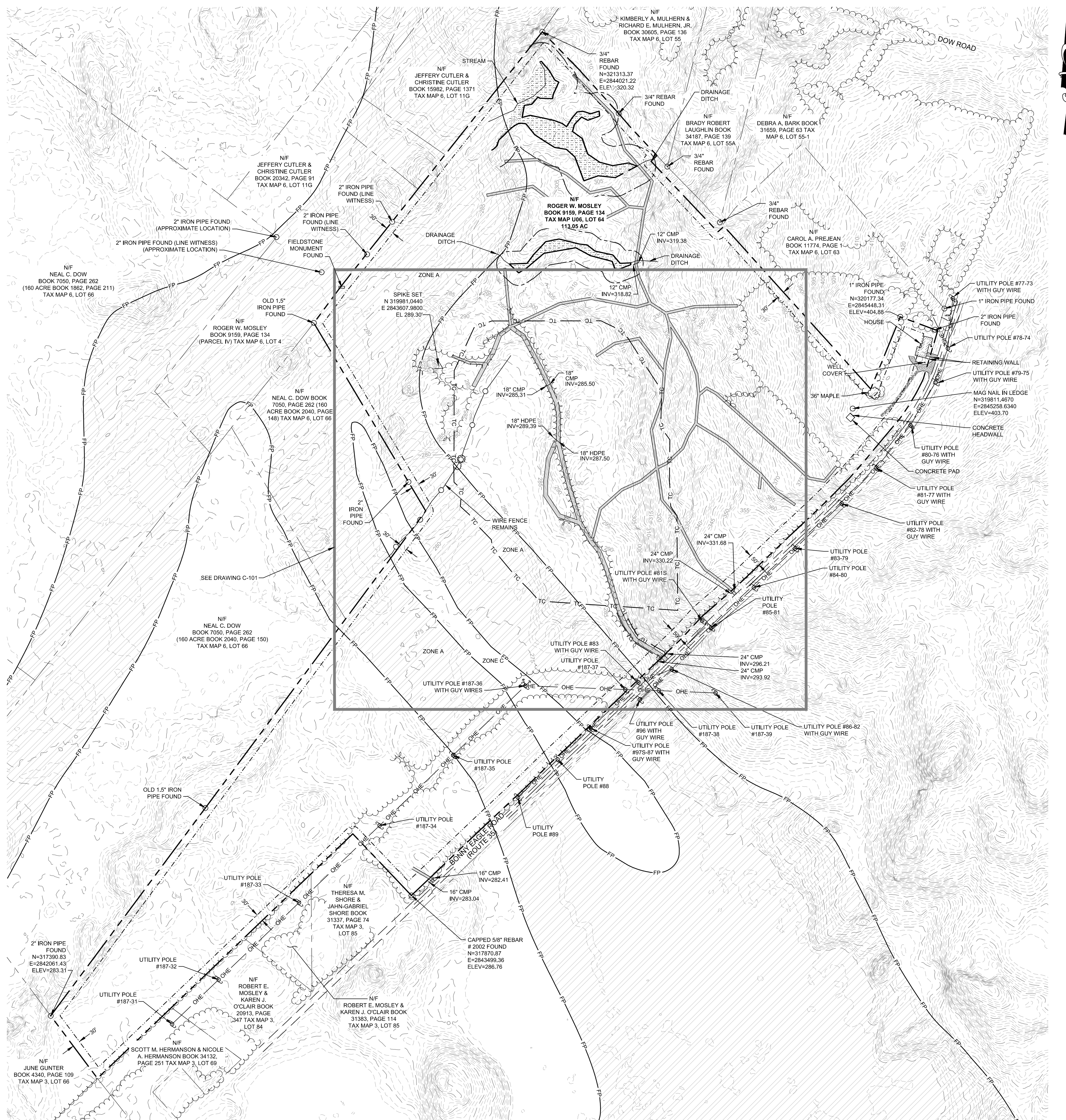
DATE	REVISION	ISSUE / REVISION DESCRIPTION	APV	RUB	APPROVED
05/14/2020	0	ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION			

PROJECT: **3,007.53 KW DC GROUND-MOUNT (2,490 KW AC) SOLAR PV DEVELOPMENT**
ROGER MOSLEY PROPERTY
425 BONNY EAGLE ROAD, STANDISH, MAINE
 TITLE:

CLIENT: **STANDISH BONNY EAGLE SOLAR 1, LLC**
 66 YORK STREET, 5TH FLOOR
 JERSEY CITY
 NEW JERSEY 07302
Soltage
 RENEWABLE ENERGY PROVIDER

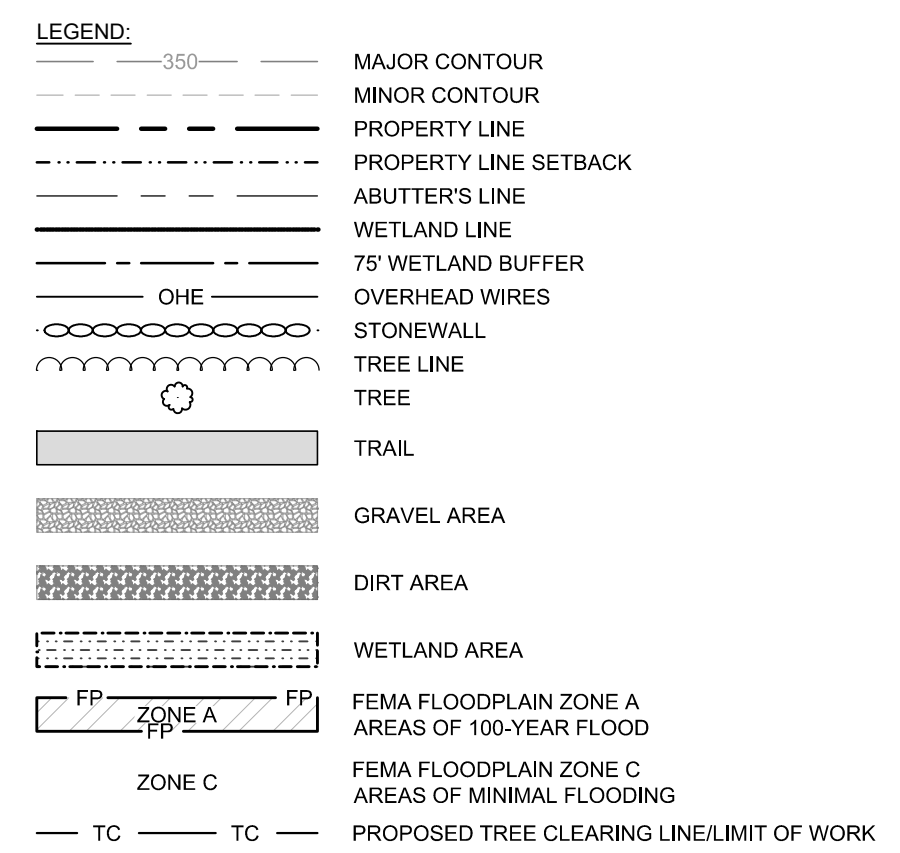


DESIGNED BY: APV
 DRAWN BY: DED
 CHECKED BY: MRC
 SCALE: AS SHOWN
 PROJECT NUMBER: 3652190233
 DRAWING NUMBER: **V-101**
 SHEET NUMBER: **1 OF 4**



- GENERAL NOTES:**
- OWNER OF RECORD: ROGER W. MOSLEY AS RECORDED IN BOOK 9159, PAGE 134 IN THE CUMBERLAND COUNTY REGISTRY OF DEEDS. LISTED IN THE TOWN OF STANDISH, MAINE TAX MAP U06, LOT 64.
 - HORIZONTAL DATUM IS BASED ON MAINE STATE GRID COORDINATE SYSTEM NAD83 (2011) WEST ZONE. VERTICAL DATUM IS REFERENCED TO NAVD 88.
 - PROPERTY IS LOCATED IN FLOOD ZONE "C" AND ZONE "A" AS SHOWN ON FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBER 230207 0040 B PANEL 40 OF 45, FOR THE TOWN OF STANDISH CUMBERLAND COUNTY, MAINE, WITH EFFECTIVE DATE MAY 19, 1981. ZONE "C" IS DESCRIBED AS AN AREA OF MINIMAL FLOODING AND ZONE "A" IS DESCRIBED AS AN AREA OF 100 YEAR FLOOD. FLOOD PLANE DIVISION LINES SHOWN ON THIS PLAN WERE REFERENCED TO A SCANNED IMAGE FROM ABOVE MENTIONED FIRM PANEL MAP (FEMA DID NOT DEFINE AN ELEVATION FOR LIMIT SHOWN).
 - WOOD E&IS HAS NOT INDEPENDENTLY VERIFIED THE LOCATION, EXISTENCE, AND SERVICEABILITY OF ANY UTILITIES AND MAKES NO GUARANTEE TO THE COMPLETENESS OR THE ACCURACY OF ANY UTILITIES. ADDITIONAL UTILITIES MAY EXIST IN THE FIELD, WHICH ARE NOT SHOWN ON THIS PLAN. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD PRIOR TO EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES. CALL "DIG SAFE" AT 1-888-344-7233 OR DIAL 811. WOOD E&IS ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.
 - SITE DRAINS TO BONNY EAGLE POND (BONNY EAGLE LAKE), A LAKE MOST AT RISK.

- PLAN REFERENCES:**
(CUMBERLAND AND YORK COUNTY REGISTRY OF DEEDS)
- TOWNSHIP OF PEURSONTOWN LOTTING PLAN (STANDISH AND SMALL PORTION OF BUXTON), RECORDED IN THE CUMBERLAND COUNTY REGISTRY OF DEEDS IN PLAN BOOK 10, PAGE 17 AND PLAN BOOK 17, PAGE 16.
 - SKETCH LAYOUT PLAN PROVIDED BY OWNER / HEIR ROGER W. MOSLEY OF LOCUS PARCEL.



ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION



- GENERAL NOTES:**
- SOLAR PV ARRAY AND ELECTRICAL DESIGN, INCLUDING UTILITY POLES, PERFORMED BY OTHERS. ELECTRICAL EQUIPMENT AND COMPONENTS SHOWN TO ILLUSTRATE LOCATIONS ONLY. REFER TO ELECTRICAL DRAWINGS FOR DETAILED ELECTRICAL SYSTEM INFORMATION.
 - LOCATION OF STOCKPILE AREA (SEE TYPICAL DETAIL ON SHEET C-501) TO BE DETERMINED BY CONTRACTOR. STOCKPILES OF MATERIALS SHALL BE LOCATED OUTSIDE OF THE 100-YEAR FLOODPLAIN (FEMA FLOODPLAIN ZONE A).
 - SITE DRAINS TO BONNY EAGLE POND (BONNY EAGLE LAKE), A LAKE MOST AT RISK.

- LEGEND:**
- EXISTING:**
- 350 MAJOR CONTOUR
 - MINOR CONTOUR
 - PROPERTY LINE
 - 75' PROPERTY LINE BUFFER
 - ABUTTER'S LINE
 - WETLAND LINE
 - 75' WETLAND BUFFER
 - OHE OVERHEAD WIRES
 - STONEWALL
 - TREE LINE
 - TREE
 - TRAIL
 - GRAVEL AREA
 - DIRT AREA
 - WETLAND AREA
 - FEMA FLOODPLAIN ZONE A AREAS OF 100-YEAR FLOOD
 - FEMA FLOODPLAIN ZONE C AREAS OF MINIMAL FLOODING
 - TC PROPOSED CLEARING LINE/LIMIT OF WORK
- PROPOSED:**
- EC ELECTRIC CONDUIT
 - OHW OVERHEAD ELECTRIC
 - X FENCE
 - SB SEDIMENT BARRIER (3 C-501)
 - EB EROSION CONTROL MIX BERM (6 C-501)
 - EDGE OF GRAVEL
 - GRAVEL ACCESS ROAD (2 C-501)
 - SOLAR PV PANEL (1 C-501)
 - EQUIPMENT PAD



ISSUE / REVISION DESCRIPTION	DATE	REVISION	ISSUED	RUB	APPROVED
ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION	05/14/2020	0			

PROJECT: 3,007.53 KW DC GROUND-MOUNT (2,490 KW AC)
SOLAR PV DEVELOPMENT
ROGER MOSLEY PROPERTY
425 BONNY EAGLE ROAD, STANDISH, MAINE

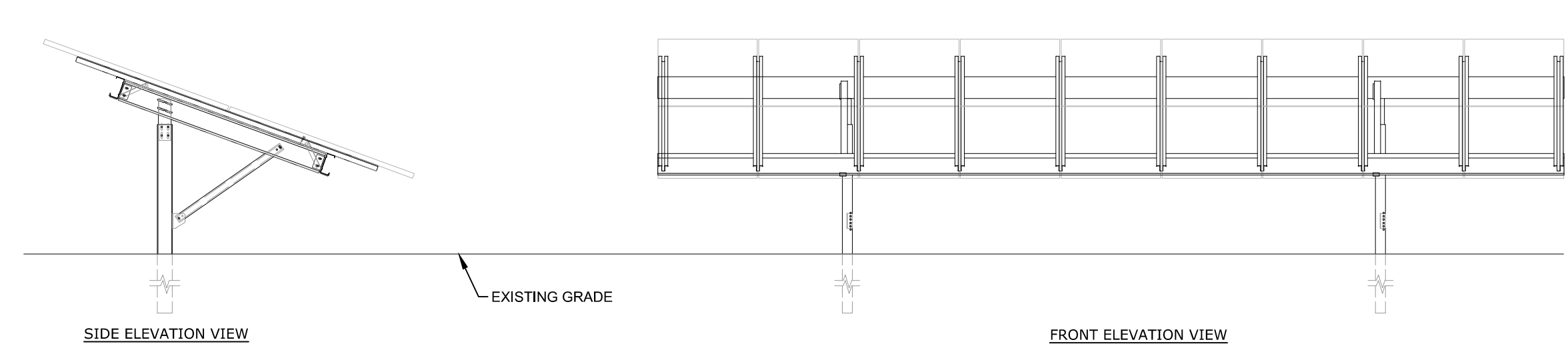
CLIENT: STANDISH BONNY EAGLE SOLAR 1, LLC
 66 YORK STREET, 5TH FLOOR
 JERSEY CITY
 NEW JERSEY 07302

RENEWABLE ENERGY PROVIDER

PROPOSED SITE PLAN

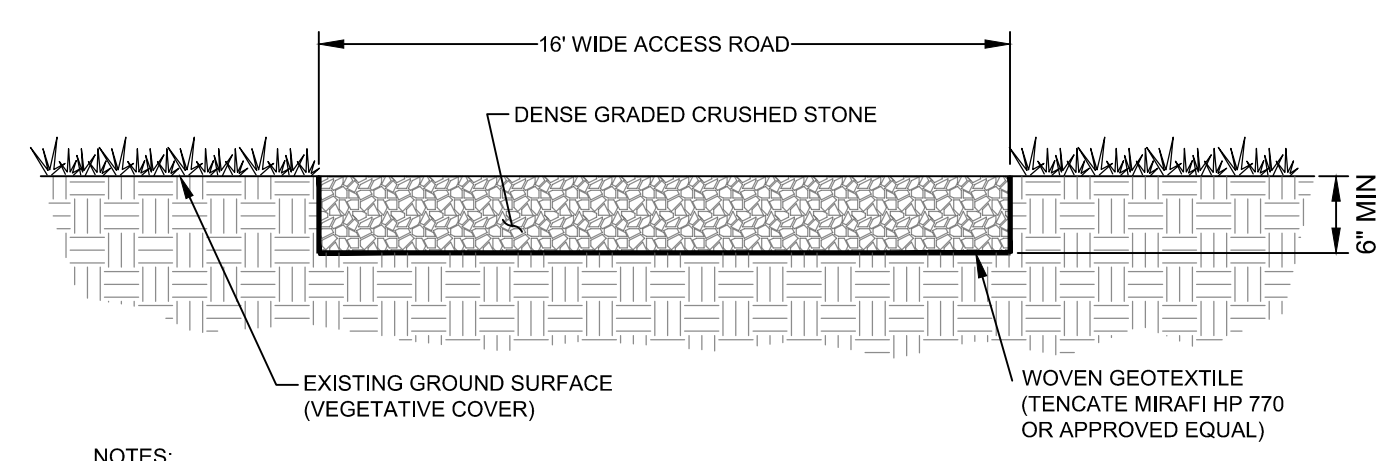
SEAL:

DESIGNED BY: APV
DRAWN BY: DED
CHECKED BY: MRC
SCALE: AS SHOWN
PROJECT NUMBER: 3652190233
DRAWING NUMBER: C-101
SHEET NUMBER: 2 OF 4



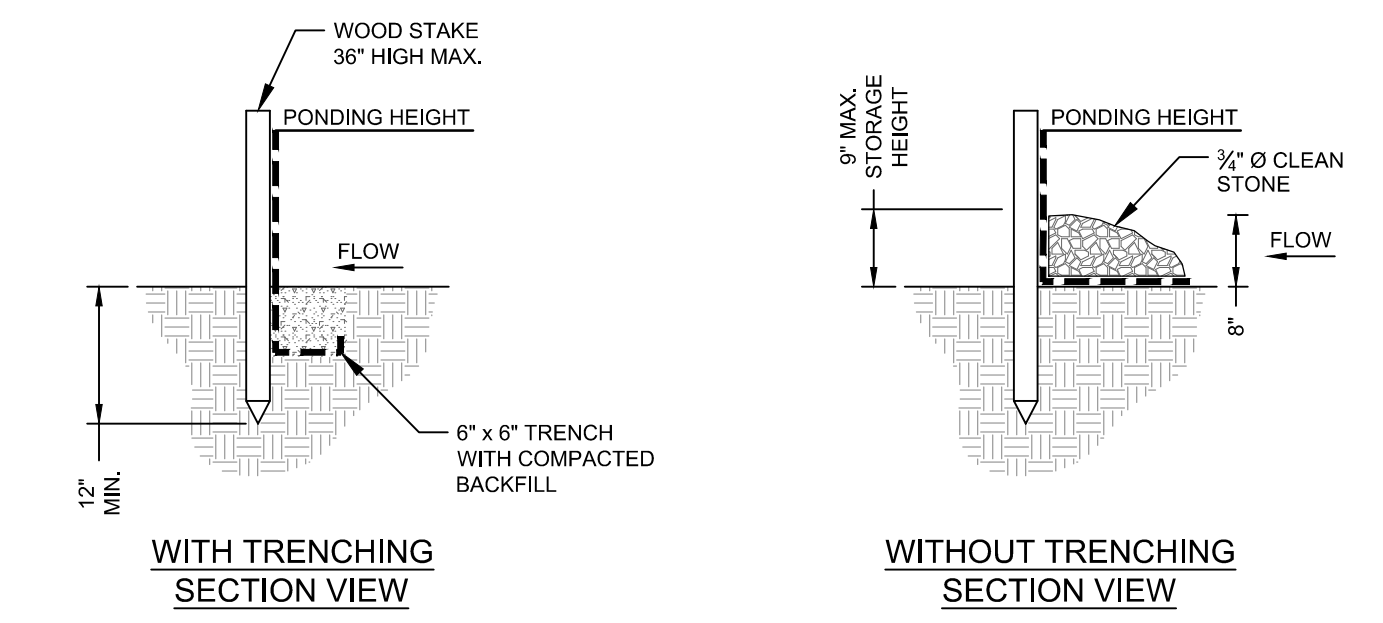
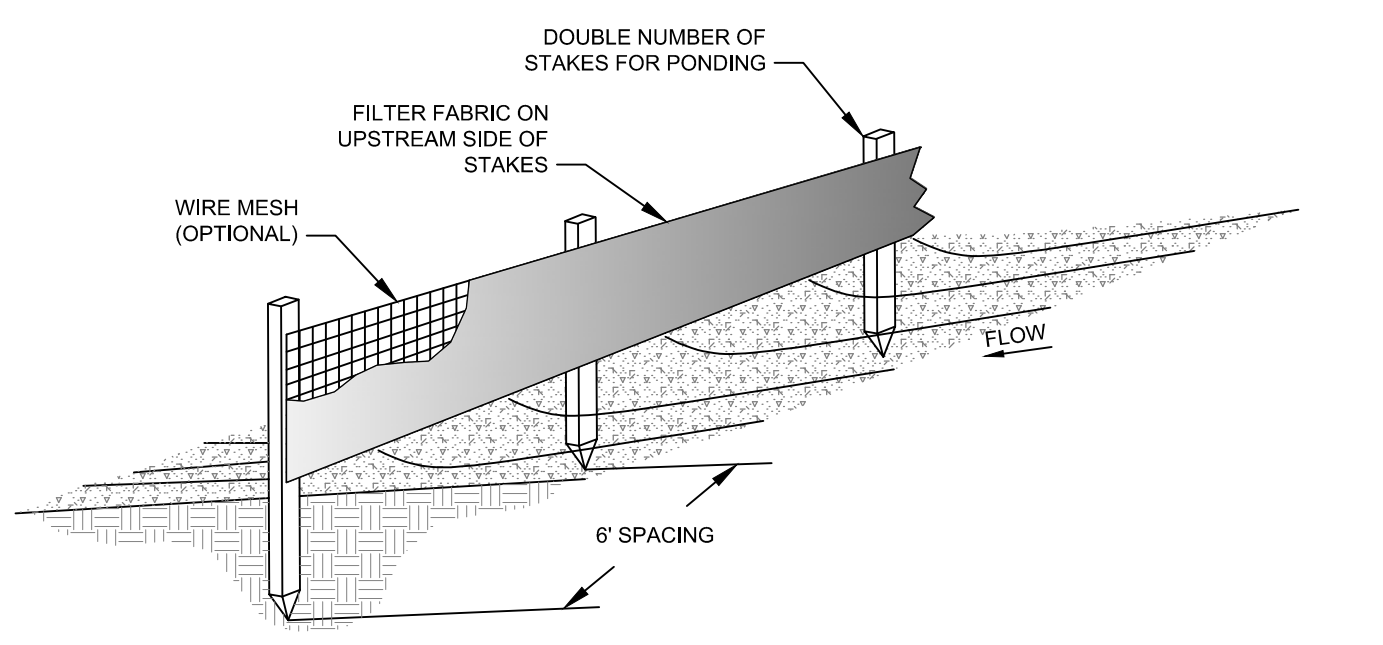
SOLAR PV ARRAY
 NOT TO SCALE

NOTE:
 1. DESIGN FOR FOUNDATIONS, RACKING, AND MODULES BY OTHERS. DETAILS SHOWN FOR ILLUSTRATION PURPOSES ONLY.



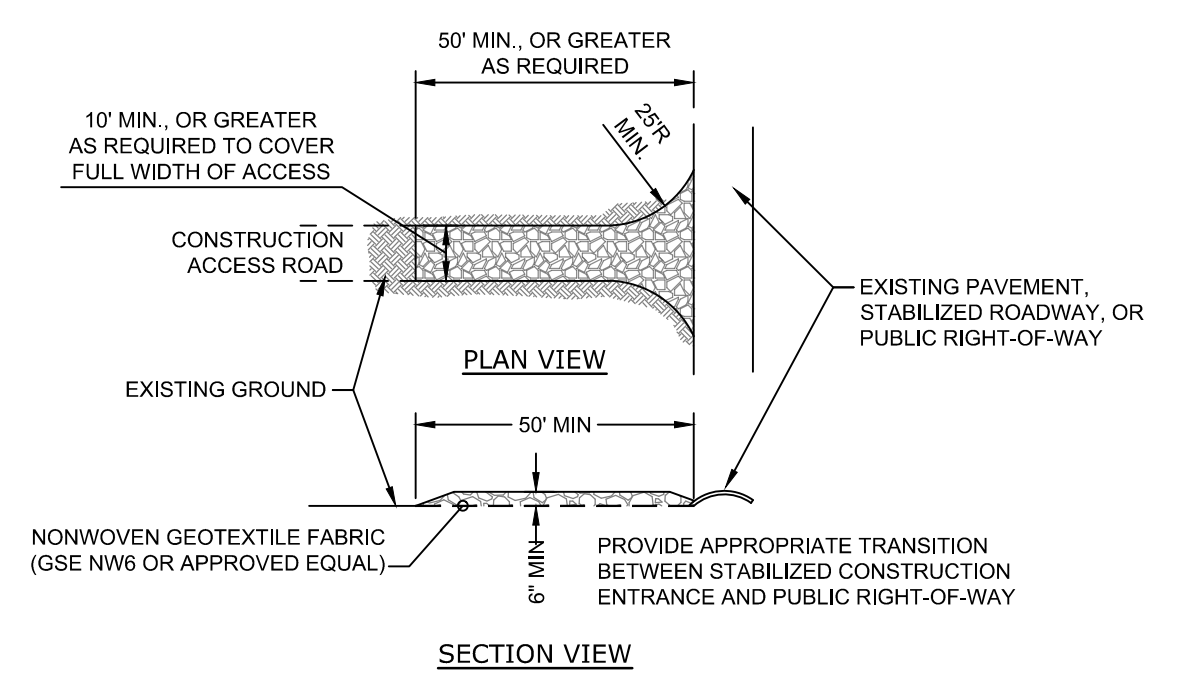
ACCESS ROAD
 NOT TO SCALE

NOTES:
 1. ACCESS ROAD TO BE CONSTRUCTED OF A MINIMUM 6" OF DENSE GRADED CRUSHED STONE.
 2. WOVEN GEOTEXTILE TO BE PLACED BETWEEN THE GROUND SURFACE AND THE CRUSHED STONE.
 3. CRUSHED STONE SHALL BE COMPACTED TO A FIRM AND NON-YIELDING CONDITION.
 4. ROAD SHALL BE CONSTRUCTED SO THAT STORMWATER DOES NOT CONCENTRATE ON THE ROAD SURFACE AND IS DISTRIBUTED IN SHEET FLOW TO THE VEGETATED SHOULDERS WHEREVER SUCH AREAS ARE AVAILABLE.



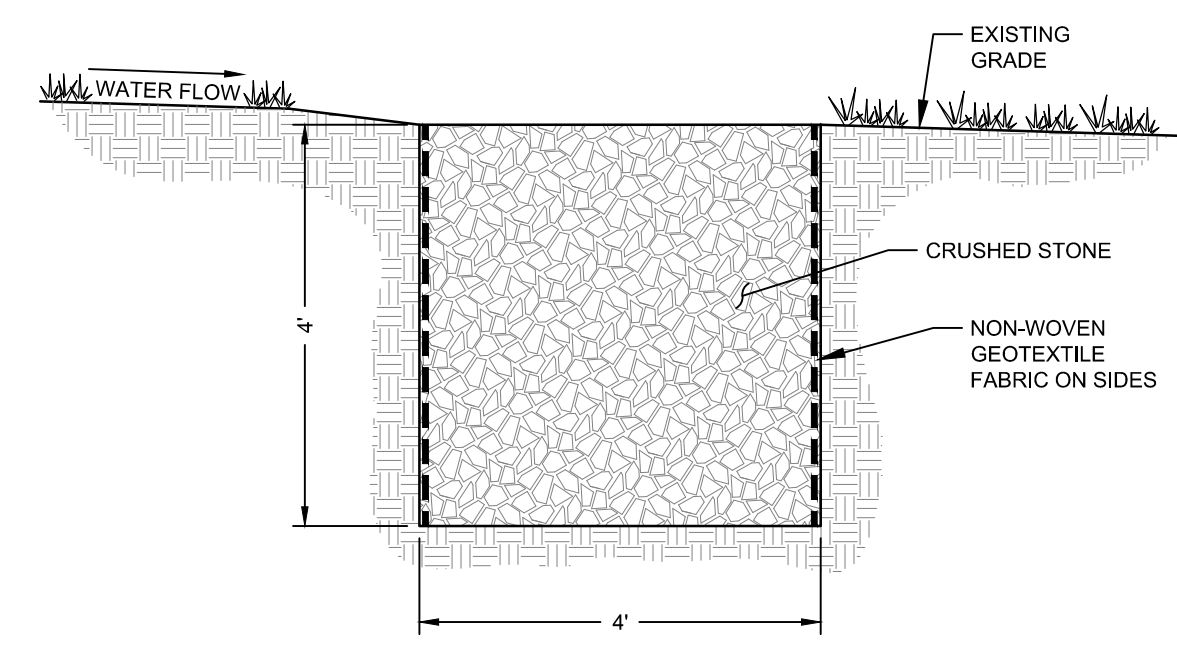
NOTES:
 1. PREFABRICATED SILT FENCE MUST BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 2. THE FENCE SHALL BE ANCHORED TO RESIST PULL-OUT, AND BE STRETCHED TIGHTLY BETWEEN STAKES TO PREVENT SAGGING.
 3. A 6-INCH WIDE AND 6-INCH DEEP TRENCH SHALL BE EXCAVATED UPGRADIENT OF THE FENCE LINE TO KEY THE "FLAP" OF THE FABRIC. THE TRENCH SHALL BE BACKFILLED AND COMPACTED.
 4. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED BY WRAPPING END STAKES TOGETHER.
 5. IN AREAS WHERE THE FLAP CANNOT BE KEVED PROPERLY (DUE TO FROZEN GROUND, BEDROCK, STONY SOIL, ROOTS NEAR A PROTECTED NATURAL RESOURCE, ETC.) THE SILT FENCE SHALL BE ANCHORED WITH AGGREGATE, CRUSHED STONE, EROSION CONTROL MIX, OR OTHER MATERIAL.

SEDIMENT BARRIER - SILT FENCE
 NOT TO SCALE

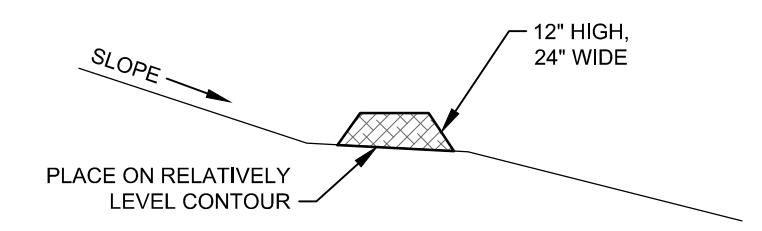


NOTES:
 1. STONE TO BE 1"-3" STONE, RECLAIMED STONE, OR RECYCLED CONCRETE EQUIVALENT.
 2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FT.
 3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
 4. WIDTH - TEN (10) FT. MIN. BUT NOT LESS THAN THE FULL TRAVELED WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 5. FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
 6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCE SHALL BE PIPED ACROSS OR BENEATH THE ENTRANCE.
 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
 8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. IF WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE
 NOT TO SCALE



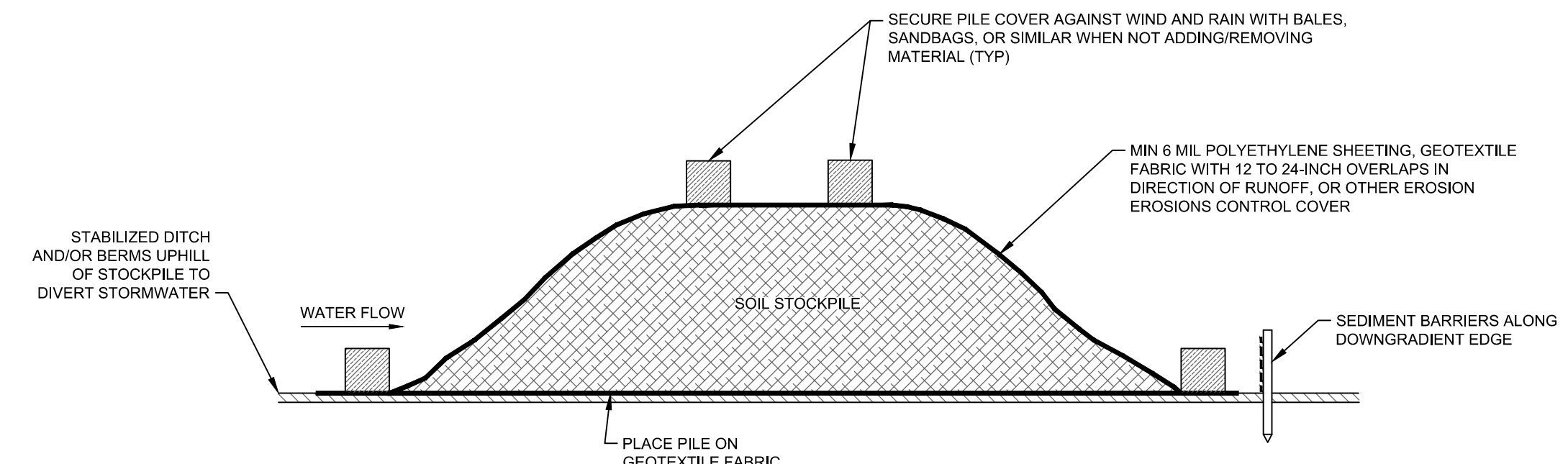
INFILTRATION TRENCH
 NOT TO SCALE



NOTE:
 COMPOSITION OF BERM SHALL CONTAIN A WELL-GRADED MIXTURE OF PARTICLES SIZES AND MAY CONTAIN ROCKS LESS THAN 4" IN DIA. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS AND MATERIAL TOXIC TO PLANT GROWTH. THE MIX COMPOSITION SHALL MEET THE FOLLOWING STANDARDS:

- ORGANIC MATTER CONTENT SHALL BE BETWEEN 80 AND 100% DRY WEIGHT BASIS.
- PARTICLE SIZE BY WEIGHT SHALL BE 100% PASSING A 6" SCREEN AND A MIN. OF 70% MAX. OF 85% PASSING A 0.75" SCREEN.
- ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
- LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
- SOLUBLE SALTS CONTENT SHALL BE <4.0 MMHOS/CM.
- PH SHOULD FALL BETWEEN 5.0 AND 8.0.

EROSION CONTROL MIX BERM
 NOT TO SCALE



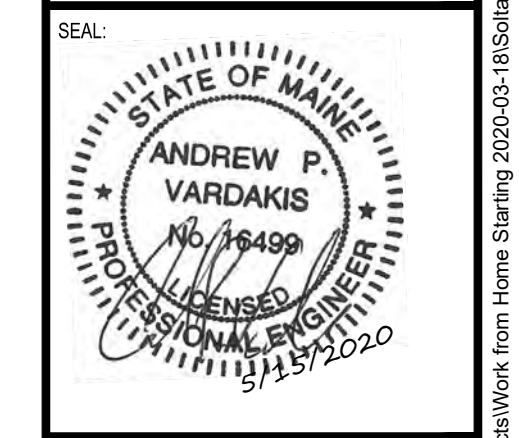
NOTES:
 1. STOCKPILE SHALL BE PLACED IN HIGH-GROUND AREAS WHERE POTENTIAL TO RECEIVE STORMWATER RUN-OFF FROM SURROUNDING AREA IS MINIMIZED. STOCKPILES OF MATERIALS SHALL BE LOCATED OUTSIDE OF THE 100-YEAR FLOODPLAIN (FEMA FLOODPLAIN ZONE A).

TYPICAL STOCKPILE CONTAINMENT SYSTEM
 NOT TO SCALE

ISSUE / REVISION DESCRIPTION	DATE	REVISION	ISSUED	APV	RUB	APPROVED
ISSUED FOR PERMITTING/NOT FOR CONSTRUCTION	05/14/2020	0				

PROJECT: 3,007.53 KW DC GROUND-MOUNT (2,490 KW AC) SOLAR PV DEVELOPMENT
 ROGER MOSLEY PROPERTY
 425 BONNY EAGLE ROAD, STANDISH, MAINE
CLIENT: STANDISH BONNY EAGLE SOLAR 1, LLC
 66 YORK STREET, 5TH FLOOR
 JERSEY CITY
 NEW JERSEY 07302
RENEWABLE ENERGY PROVIDER: Soltage

TITLE: CONSTRUCTION EROSION, AND SEDIMENTATION CONTROL DETAILS, AND NOTES



DESIGNED BY: APV
DRAWN BY: DED
CHECKED BY: MRC
SCALE: AS SHOWN
PROJECT NUMBER: 3652190233
DRAWING NUMBER: C-501
SHEET NUMBER: 3 OF 4

