# Site Plans

Issued for Date Issued Latest Issue

Permitting May 22, 2020 June 18, 2020

# **ReVision Energy** Solar

486 Anson Road Starks, Maine 04911

> Owner David Shaw & Pamela Flagg-Shaw 486 Anson Road Starks, Maine 04911

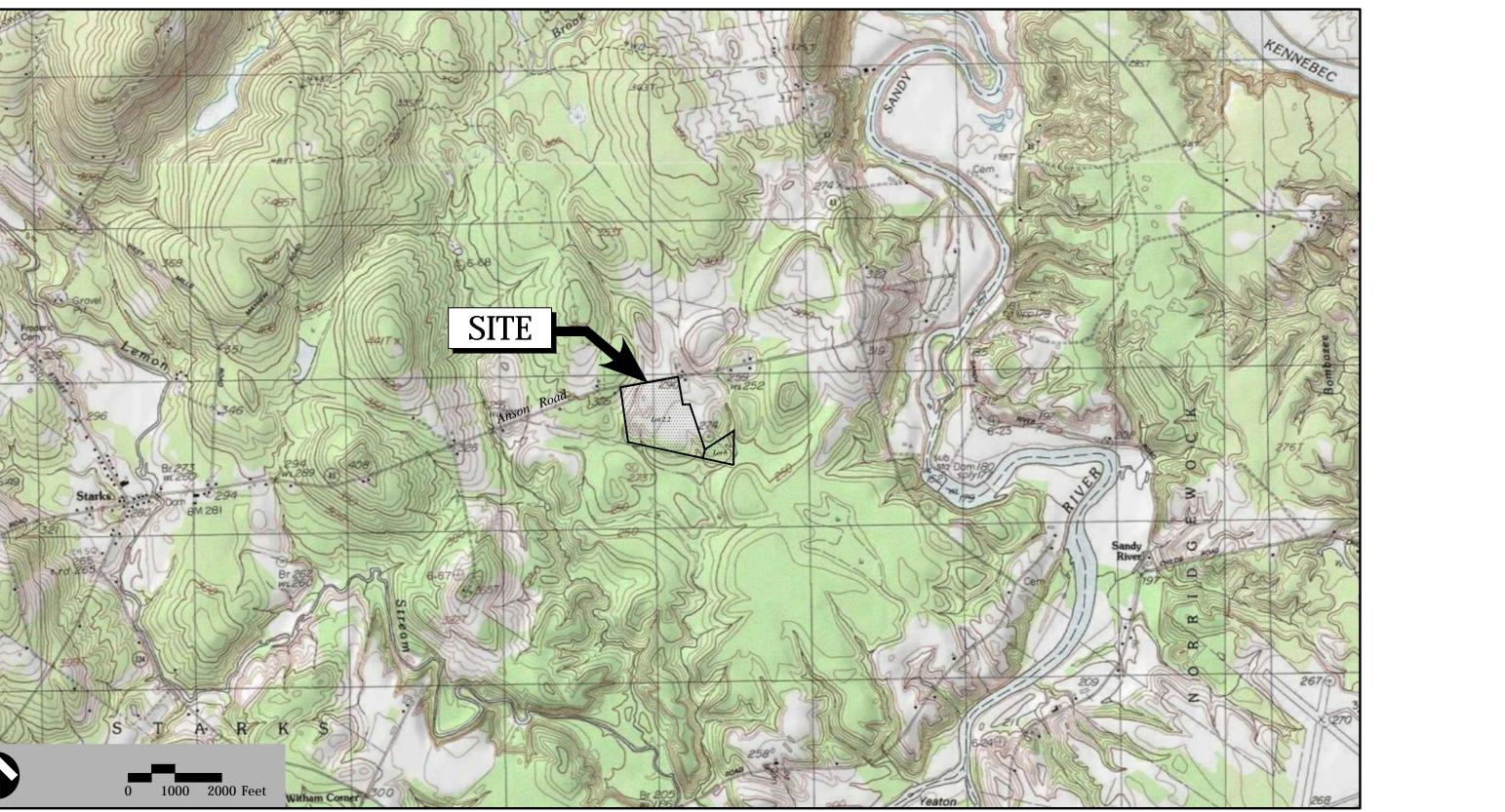
Applicant

Starks Holdings LLC 2 Union Street, Suite 500 Portland, Maine 04101

Assessor's Information: Map R-10, Lot 2.2 Map R-10, Lot 6



N C1.0 C2. C3. C3. C4. C4.



Sheet	Index	
No.	Drawing Title	Latest Issue
C1.0	Legend and General Notes	June 18, 2020
C2.0	Master Plan	June 18, 2020
C3.1	Site Plan 1	June 18, 2020
C3.2	Site Plan 2	June 18, 2020
C4.1	<b>Erosion &amp; Sediment Control Plan 1</b>	June 18, 2020
C4.2	<b>Erosion &amp; Sediment Control Plan 2</b>	June 18, 2020
C5.1	Site Details 1	June 18, 2020
C5.2	Site Details 2	June 18, 2020

Refer	rence Drawings
No.	Drawing Title
Sv-1	Existing Conditions Plan of Land

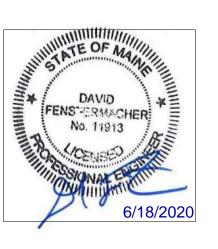
APPROVED: TOWN OF	F STARKS PLANNING BOARI
SIGNED BY	DATE



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150



May 4, 2020



Legend

Exist.	Prop.		Exist.	Prop.	
		PROPERTY LINE			CONCRETE
		PROJECT LIMIT LINE			HEAVY DUTY PAVEMENT
		RIGHT-OF-WAY/PROPERTY LINE			BUILDINGS
		EASEMENT			RIPRAP
		BUILDING SETBACK	02004020		CONSTRUCTION EXIT
		PARKING SETBACK		D/6 % O/6 % d	
10+00	10+00	BASELINE	27.35 TC×	27.35 TC ×	TOP OF CURB ELEVATION
I	·		26.85 BC $\times$	26.85 BC×	BOTTOM OF CURB ELEVATION
		CONSTRUCTION LAYOUT	132.75 ×	132.75 ×	SPOT ELEVATION
		ZONING LINE	45.0 TW 38.5 BW×	45.0 TW 38.5 BW	TOP & BOTTOM OF WALL ELEVATION
		TOWN LINE	-	$\bullet$	BORING LOCATION
		LIMIT OF DISTURBANCE			TEST PIT LOCATION
<b>∆</b>		WETLAND LINE WITH FLAG	<b>₩</b> ₩		MONITORING WELL
		FLOODPLAIN			
		BORDERING LAND SUBJECT		UD	UNDERDRAIN
BLSF		TO FLOODING	12"D	12″D►	DRAIN
BZ		WETLAND BUFFER ZONE	6"RD	6″RD►	ROOF DRAIN
NDZ		NO DISTURB ZONE	1 <u>2</u> "S	1 <u>2"</u> S	SEWER
200'RA-		200' RIVERFRONT AREA	FM	FM	FORCE MAIN
			OHW	OHW	OVERHEAD WIRE
		GRAVEL ROAD	6"W	6"W	WATER
EOP	EOP	EDGE OF PAVEMENT		4"FP	FIRE PROTECTION
BB	BB	BITUMINOUS BERM		2"DW	DOMESTIC WATER
BC	BC	BITUMINOUS CURB	3"G	G	GAS
CC	CC	CONCRETE CURB	——————————————————————————————————————	———E-——	ELECTRIC
	CG	CURB AND GUTTER		STM	STEAM
CC	ECC	EXTRUDED CONCRETE CURB	T	T	TELEPHONE
CC	мсс	MONOLITHIC CONCRETE CURB	——FA	——FA	FIRE ALARM
CC	PCC	PRECAST CONC. CURB	CATV	CATV	CABLE TV
SGE	SGE	SLOPED GRAN. EDGING		0/11	CADLE IV
VGC	VGC	VERT. GRAN. CURB			CATCH BASIN CONCENTRIC
		LIMIT OF CURB TYPE			CATCH BASIN ECCENTRIC
	¥	SAWCUT			DOUBLE CATCH BASIN CONCENTRIC
		SAWCUI	_		DOUBLE CATCH BASIN ECCENTRIC
(1111111	,				GUTTER INLET
	_	BUILDING	D	$igodoldsymbol{igo$	DRAIN MANHOLE CONCENTRIC
		BUILDING ENTRANCE	D		DRAIN MANHOLE ECCENTRIC
		LOADING DOCK	=TD=		TRENCH DRAIN
	•	BOLLARD	Ľ	Ľ	PLUG OR CAP
D	D	DUMPSTER PAD	CO	eco	CLEANOUT
-0-	•	SIGN		►	FLARED END SECTION
		DOUBLE SIGN			HEADWALL
<u> </u>	<u> </u>	STEEL GUARDRAIL	S	$\textcircled{\bullet}$	SEWER MANHOLE CONCENTRIC
<u> </u>	<b>B</b>	WOOD GUARDRAIL	S	$\textcircled{\bullet}$	SEWER MANHOLE ECCENTRIC
			CS	CS	CURD STOD & DOV
$\sim$		PATH	WV	WV •	CURB STOP & BOX
$\sim$		TREE LINE	TSV	TSV	WATER VALVE & BOX
×	- <del>x x</del>	WIRE FENCE		<b>+</b>	TAPPING SLEEVE, VALVE & BOX
O	- <b>•</b> •	FENCE	HYD	₩ HYD	SIAMESE CONNECTION
		STOCKADE FENCE	¢⊚⊅ WM	•©• _₩M	FIRE HYDRANT
$\infty$	$\infty \infty \infty \infty$	STONE WALL	⊡ PIV	⊡ PIV	WATER METER
		RETAINING WALL	۲	۲	POST INDICATOR VALVE
· · · · - <u></u>		STREAM / POND / WATER COURSE	$\otimes$		WATER WELL
		DETENTION BASIN	GG	GG	GAS GATE
	• • • • • • • • • • • • •	HAY BALES	GM	GM ⊡	GAS METER
0 0 0 0 0 0 0 0 0	×	SILT FENCE		● <sup>EMH</sup>	
-X	· c::::> ·	SILT SOCK / STRAW WATTLE	E) EM	EM	ELECTRIC MANHOLE
-×			-		ELECTRIC METER
				*	LIGHT POLE
×	4	MINOR CONTOUR	¢	*	
×	<u> </u>	MINOR CONTOUR MAJOR CONTOUR	¢ ①	.∓ ● <sup>™H</sup>	TELEPHONE MANHOLE
× 			<u> </u>	● <sup>TMH</sup>	
-× -4 -20	(10)	MAJOR CONTOUR PARKING COUNT		•	TELEPHONE MANHOLE TRANSFORMER PAD
× -4 -20 (10)	(10) (C10)	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS	<u> </u>	● <sup>TMH</sup>	
x -4 -20 (10) DYL	(10) (C10) DYL	MAJOR CONTOUR PARKING COUNT	T.	● <sup>TMH</sup>	TRANSFORMER PAD
-× -4 -20 (10)	(10) (C10) DYL SL	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS	<ul> <li>T</li> <li>-0-</li> </ul>	● <sup>TMH</sup> T	TRANSFORMER PAD UTILITY POLE GUY POLE
-x	(10) (C10) DYL SL	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS DOUBLE YELLOW LINE	 Ţ 	● <sup>™H</sup> (	TRANSFORMER PAD UTILITY POLE GUY POLE GUY WIRE & ANCHOR
	(10) (C10) DYL	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS DOUBLE YELLOW LINE STOP LINE	<ul> <li>①</li> <li>□</li> <li>-○-</li> <li>↓</li> <li>HH</li> <li>□</li> <li>PB</li> </ul>	● <sup>™H</sup> T - L HH PB	TRANSFORMER PAD UTILITY POLE GUY POLE GUY WIRE & ANCHOR HAND HOLE
-4 -20 (10) DYL SL	10 ©10 DYL SL	MAJOR CONTOUR PARKING COUNT COMPACT PARKING STALLS DOUBLE YELLOW LINE STOP LINE CROSSWALK		● <sup>™H</sup>	TRANSFORMER PAD UTILITY POLE GUY POLE GUY WIRE & ANCHOR

### Abbreviations

ABAN	ABANDON	
ACR	ACCESSIBLE CURB RAMP	
ADJ	ADJUST	
APPRO BIT	X APPROXIMATE BITUMINOUS	
BII BS	BOTTOM OF SLOPE	
BWLL	BROKEN WHITE LANE LINE	
CONC	CONCRETE	
DYCL	DOUBLE YELLOW CENTER LINE	
EL	ELEVATION	
ELEV	ELEVATION	
EX	EXISTING	
FDN	FOUNDATION	
FFE	FIRST FLOOR ELEVATION	
GRAN	GRANITE	
GTD	GRADE TO DRAIN	
LA	LANDSCAPE AREA	
LOD	LIMIT OF DISTURBANCE	
MAX	MAXIMUM	
MIN	MINIMUM	
NIC	NOT IN CONTRACT	
NTS	NOT TO SCALE	
PERF	PERFORATED	
PROP	PROPOSED	
REM	REMOVE	
RET R&D	RETAIN REMOVE AND DISPOSE	
R&R	REMOVE AND RESET	
SWEL		
SWLL		
TS	TOP OF SLOPE	
TYP	TYPICAL	
Utilit	V	
СВ	CATCH BASIN	
СМР	CORRUGATED METAL PIPE	
СО	CLEANOUT	
DCB	DOUBLE CATCH BASIN	
DMH	DRAIN MANHOLE	
CIP	CAST IRON PIPE	
CIP COND	CAST IRON PIPE CONDUIT	
COND	CONDUIT	
COND DIP	CONDUIT DUCTILE IRON PIPE	
COND DIP FES	CONDUIT DUCTILE IRON PIPE FLARED END SECTION	
COND DIP FES FM F&G F&C	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER	
COND DIP FES FM F&G F&C GI	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET	
COND DIP FES FM F&G F&C GI GT	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP	
COND DIP FES FM F&G F&C GI GT HDPE	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE	
COND DIP FES FM F&G F&C GI GT HDPE HH	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE	
COND DIP FES FM F&G F&C GI GT HDPE HH HW	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL	
COND DIP FES FM F&G F&C GI GT HDPE HH	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE	
COND DIP FES FM F&G F&C GI GT HDPE HH HW HYD	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT	
COND DIP FES FM F&G F&C GI GT HDPE HH HW HYD INV	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION	
COND DIP FES FM F&G F&C GI GT HDPE HH HW HYD INV I= LP	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION	
COND DIP FES FM F&G F&C GI GT HDPE HH HW HYD INV I= LP	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION LIGHT POLE	
COND DIP FES FM F&G F&C GI GT HDPE HH HW HYD INV I= LP MES	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION POST INDICATOR VALVE	
COND DIP FES FM F&C GI GT HDPE HH HW HYD INV I= LP MES PIV	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION POST INDICATOR VALVE	
COND DIP FES FM F&C GI GT HDPE HH HW HYD INV I= LP MES PIV PWW	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND GRATE GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION POST INDICATOR VALVE PAVED WATER WAY	
COND DIP FES FM F&C GI GT HDPE HH HW HYD INV I= LP MES PIV PWW PVC	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE	
COND DIP FES FM F&C GI GT HDPE HH HW HYD INV I= LP MES PIV PWW PVC RCP	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE	
COND DIP FES FM F&C GI GT HDPE HH HW HYD INV I= LP MES PIV PWW PVC RCP R=	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION LIGHT POLE METAL END SECTION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE	
COND DIP FES FM F&C GI GT HDPE HH HW HYD INV I= LP MES PIV PWW PVC RCP R= RIM= SMH TSV	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE RIM ELEVATION INM ELEVATION SEWER MANHOLE	
<ul> <li>COND</li> <li>DIP</li> <li>FES</li> <li>FM</li> <li>F&amp;G</li> <li>F&amp;C</li> <li>GI</li> <li>GT</li> <li>HDPE</li> <li>HH</li> <li>HW</li> <li>HYD</li> <li>INV</li> <li>I</li> <li>U</li> <li>PWW</li> <li>PVC</li> <li>RCP</li> <li>RIM=</li> <li>SMH</li> <li>TSV</li> <li>UG</li> </ul>	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION INGET ELEVATION INFAL END SECTION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE RIM ELEVATION RIM ELEVATION RIM ELEVATION SEWER MANHOLE TAPPING SLEEVE, VALVE AND BOX	
COND DIP FES FM F&C GI GT HDPE HH HW HYD INV I= LP MES PIV PWW PVC RCP R= RIM= SMH TSV	CONDUIT DUCTILE IRON PIPE FLARED END SECTION FORCE MAIN FRAME AND GRATE FRAME AND COVER GUTTER INLET GREASE TRAP HIGH DENSITY POLYETHYLENE PIPE HANDHOLE HEADWALL HYDRANT INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION INVERT ELEVATION POST INDICATOR VALVE PAVED WATER WAY POLYVINYLCHLORIDE PIPE REINFORCED CONCRETE PIPE RIM ELEVATION INM ELEVATION SEWER MANHOLE	

Pu	rpose of Plans
1.	THE PURPOSE OF THIS PLAN IS TO SHOW THE DEVELOPMENT OF A SOLAR FARM IN STARKS, MAINE.
Ge	eneral
1.	CONTRACTOR SHALL NOTIFY "DIG-SAFE" (811 OR 1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
2.	CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3.	ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
4.	AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE 6 INCHES LOAM AND SEED.
5.	WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
6.	UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
7.	TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
8.	AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
9.	IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
10.	CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
11.	DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
12.	CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
13.	THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE MPDES MAINE CONSTRUCTION GENERAL PERMIT (MCGP) PROGRAM. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A NOTICE OF INTENT WITH THE MDEP AND PREPARE AN EROSION AND SEDIMENT CONTROL PLAN IN ACCORDANCE WITH THE MPDES REGULATIONS.
<u>Ut</u>	ilities
1.	THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR IT'S REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT CUADANTEE THE ACTUAL EXISTENCE SERVICEABILITY OR OTHER DATA CONCERNING THE LITHERS

- 'N AS AN APPROXIMATE 'E NOT INDEPENDENTLY VERIFIED ATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING
  - CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY. 2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS
  - INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
  - 3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
  - 4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
  - A. PAVEMENTS AND CONCRETE SURFACES: FLUSH
  - B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
  - C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
  - 5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND DESIGN REPRESENTATIVE.
  - 6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
  - 7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
  - A. STORM DRAINAGE PIPES SHALL BE SMOOTH INTERIOR CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) UNLESS OTHERWISE NOTED.
  - 8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
  - 9. ALL DRAINAGE AND SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.

Layout and Materials

- 1. DIMENSIONS ARE FROM THE EDGE OF GRAVEL, EDGE OF CONCRETE, UNLESS OTHERWISE NOTED.
- 2. SEE ELECTRICAL DRAWINGS FOR EXACT PANEL DIMENSIONS.
- 3. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR (PLS).
- 4. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT AND/OR GRAVEL DRIVE ELEVATIONS AT INTERFACE WITH PROPOSED DRIVES, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.

#### Demolition

- REPRESENTATIVES.
- WORK.

#### 2. TOPOGRAPHY: ELEVATIONS ARE BASED ON NGVD 88.

#### Document Use

# FEATURES.

3.

CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.

2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY

3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.

THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE

UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

### Existing Conditions Information

BASE PLAN: THE APPROXIMATE PROPERTY LINES SHOWN ON THIS PLAN ARE BASED UPON A LIMITED FIELD SURVEY CONDUCTED BY VHB, INC. AND FROM DEEDS AND PLANS OF RECORD. THE EXISTING CONDITIONS SHOWN ARE BASED UPON AN ACTUAL ON-THE-GROUND INSTRUMENT SURVEY PERFORMED BY VANASSE HANGEN BRUSTLIN, INC IN MAY 2020.

A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB DURING MAY 2020.

B. FLAGS MARKING THE WETLANDS WERE LOCATED BY: VHB USING HAND HELD GPS EQUIPMENT.

THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.

CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT



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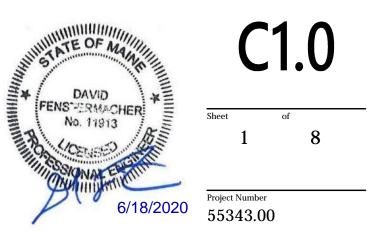
### **ReVision Energy Solar**

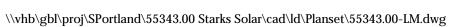
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Legend and **General Notes** 









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### Project Data

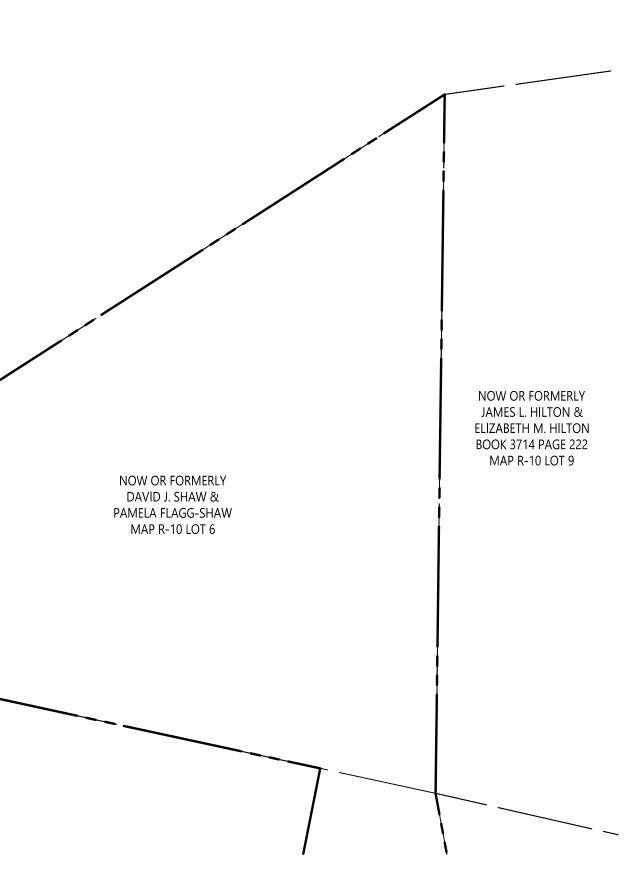
Type Of Impact	Area (SF)	Area (AC)
TREE CLEARING AREA	246,906	5.668
IMPERVIOUS AREA	36,061	0.828
DEVELOPED AREA	36,061	0.828
TOTAL PROJECT AREA	485,270	11.140

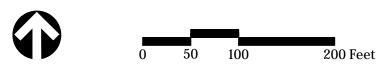
### Wetland Impact Summary

Type Of Impact	Area (SF)	Area (AC)
WETLAND VEGETATION ALTERED	5,850	0.134
WETLAND FILL	170	0.004
TOTAL	6,020	0.138

### General Notes:

- 1. PHOTOVOLTAIC SYSTEM CONSISTS OF 6,912 MODULES, PROVIDING APPROXIMATELY 2.59 MW DC.
- 2. SOLAR MODULES ARE GROUND-MOUNTED, FIXED TILT, WITH 17' ROW SPACING.





# **ReVision Energy Solar**

# 486 Anson Road Starks, Maine 04911

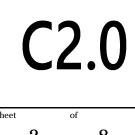
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Permitting	May 22,	2020

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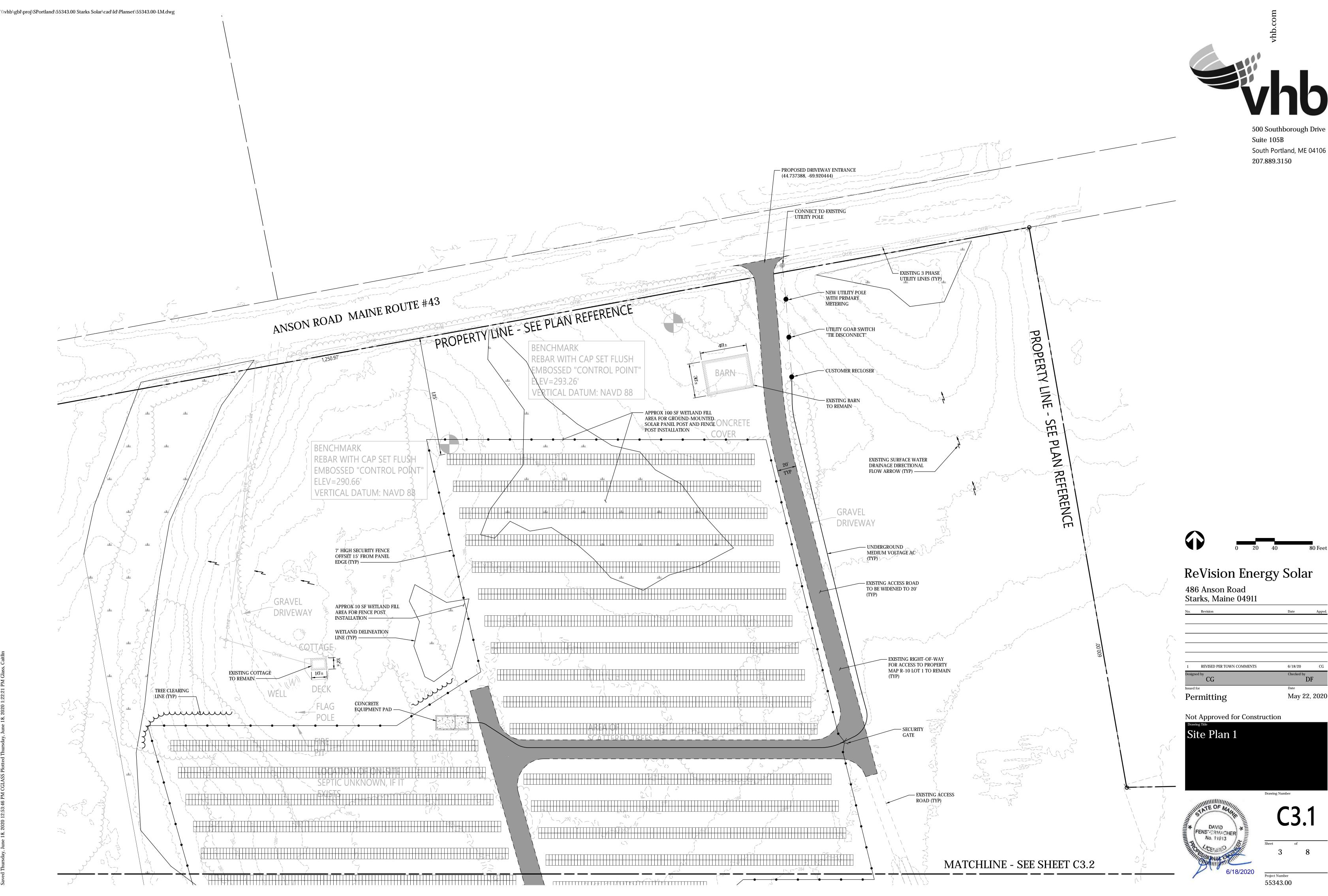






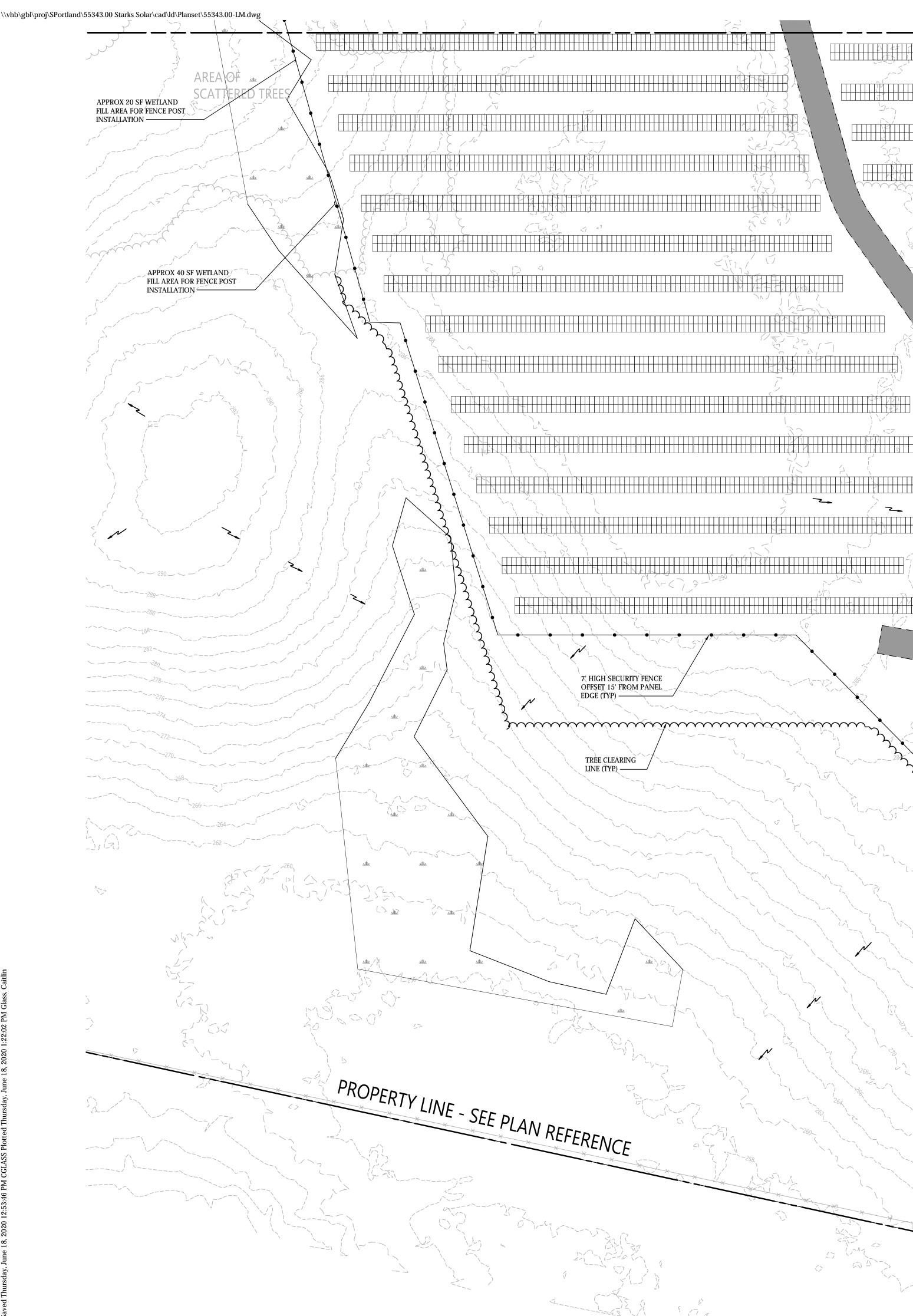
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Project Number 55343.00





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- 5,850± SF ALTERED

CLEARING (TYP)

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- WÉTLÀND

(TYP)

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DELINEATION LINE

– 20' WIDE GRAVEL ACCESS ROAD (TYP)

WETLAND VEGETATION ARÉA FOR SHADE TREE

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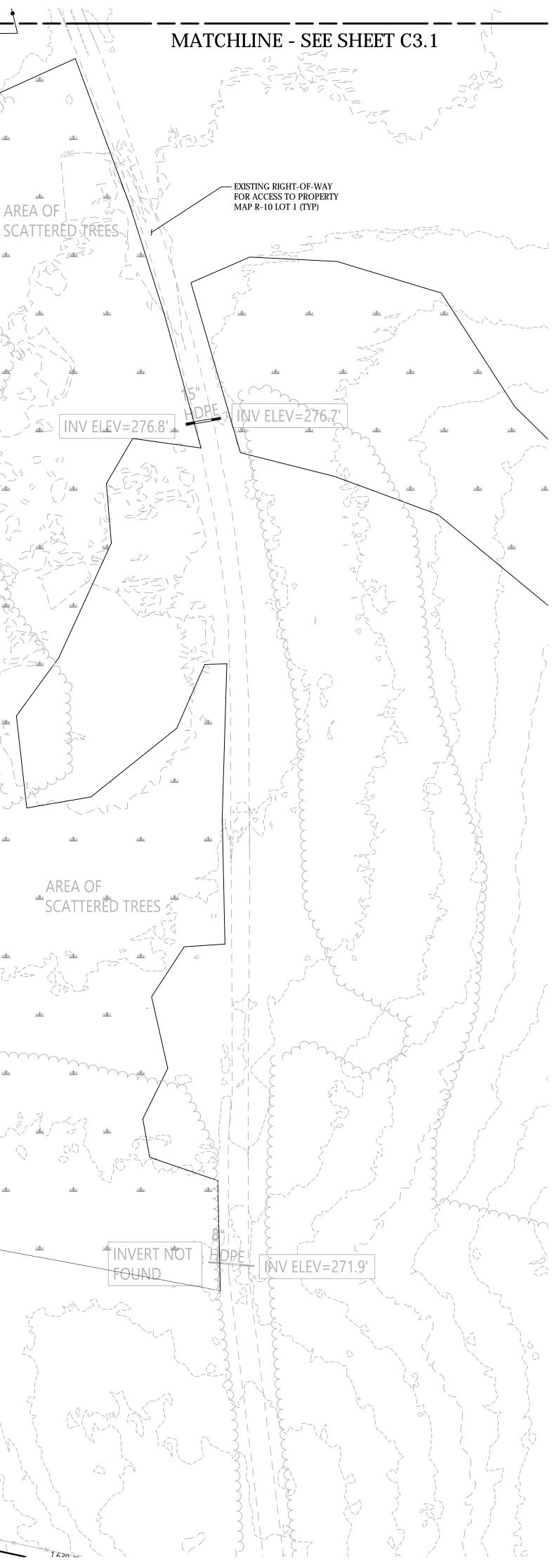
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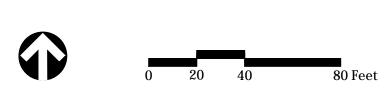
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# **ReVision Energy Solar**

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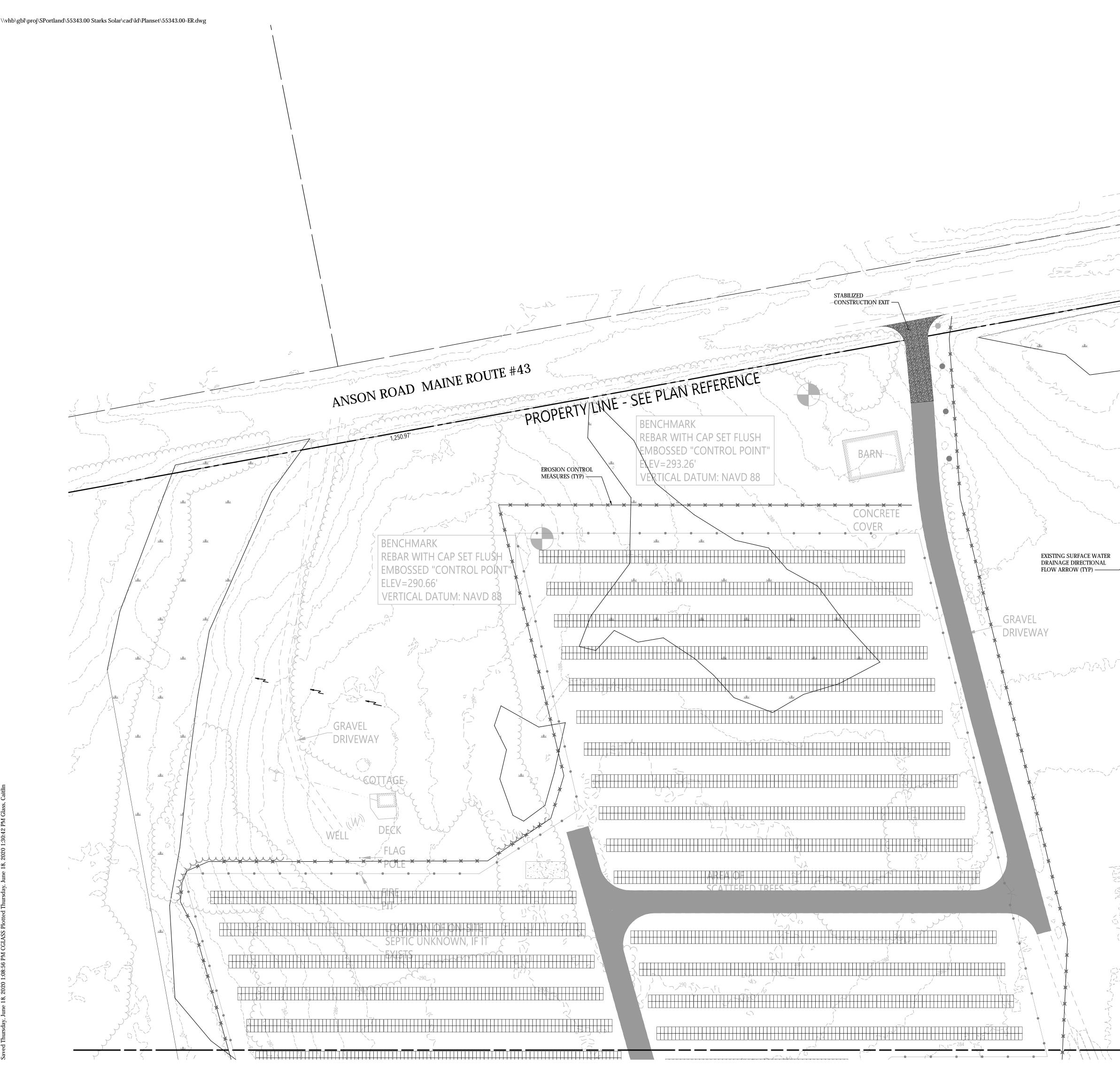






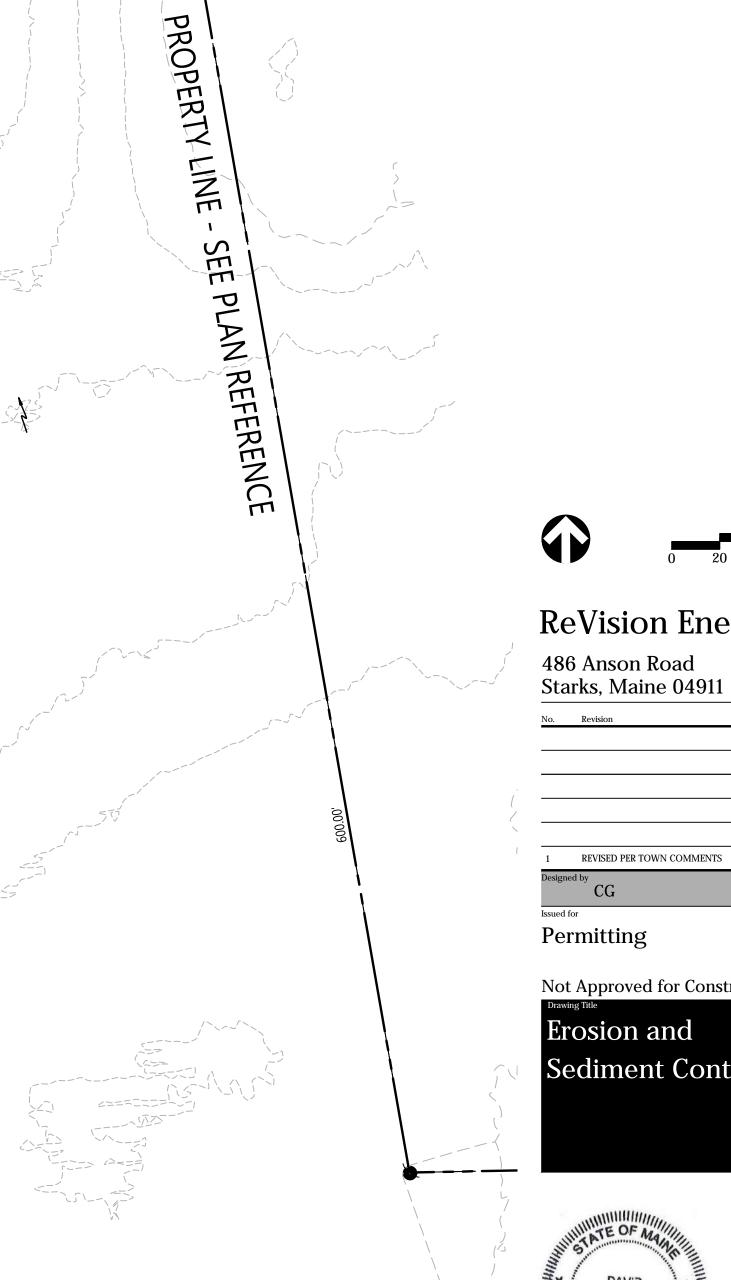


Project Number 55343.00





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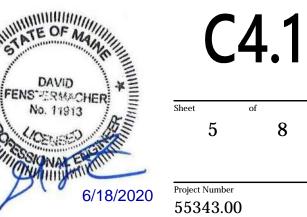


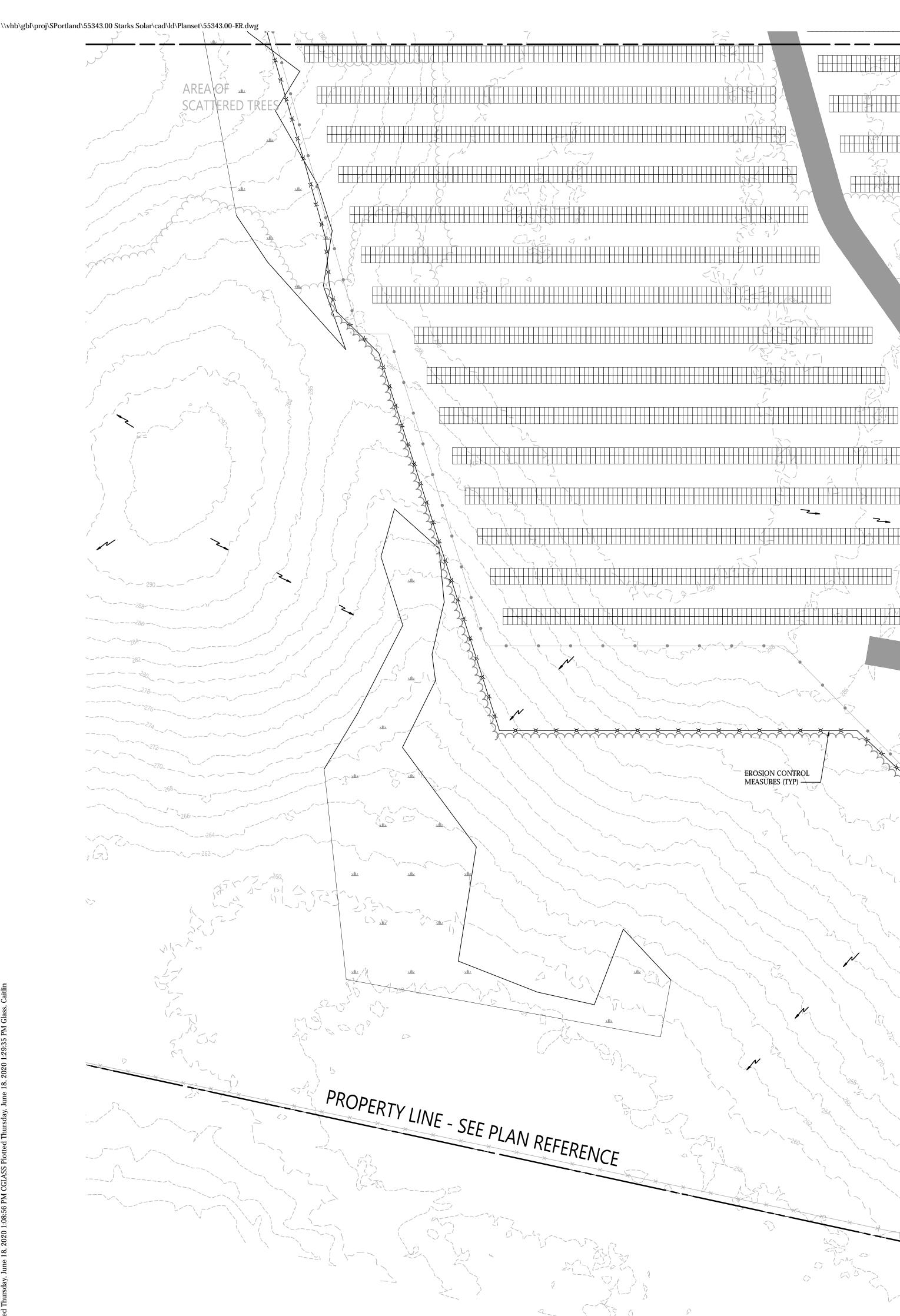
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Sediment Control Plan 1





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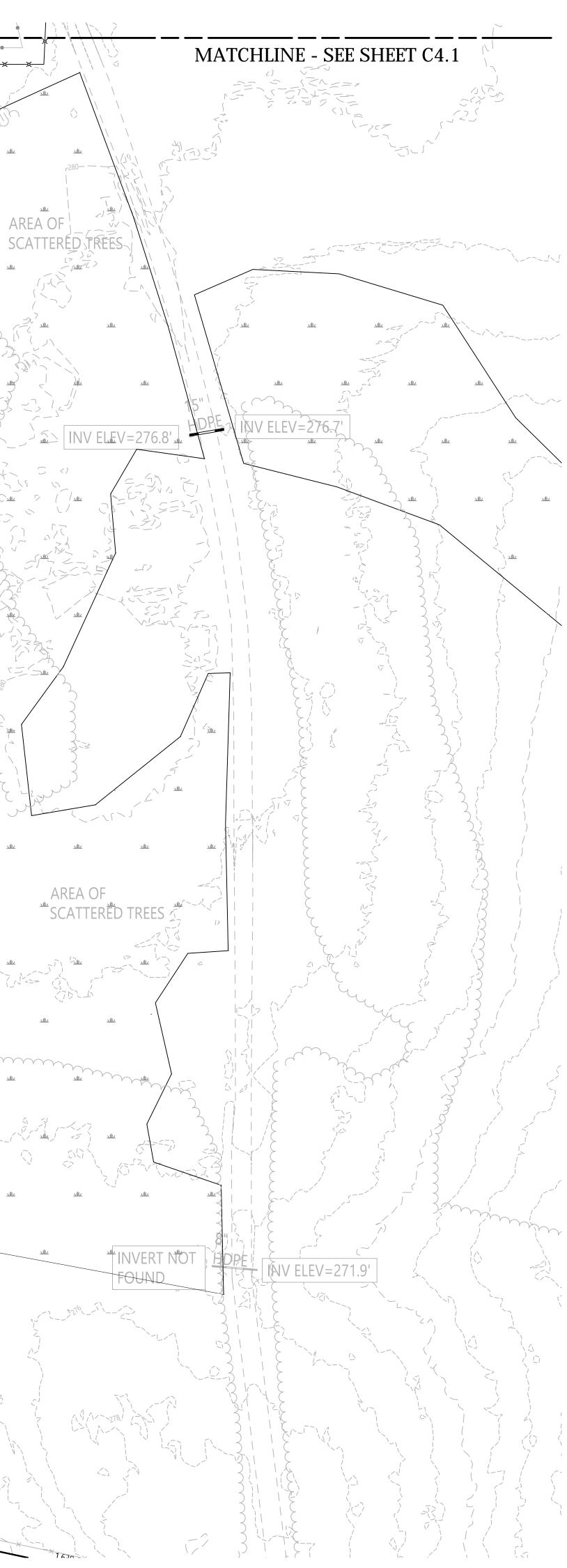
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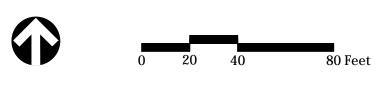
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EROSION CONTROL MEASURES (TYP)





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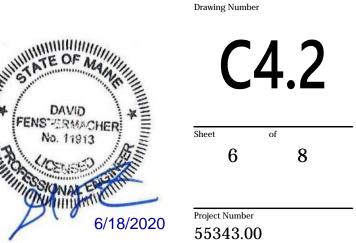
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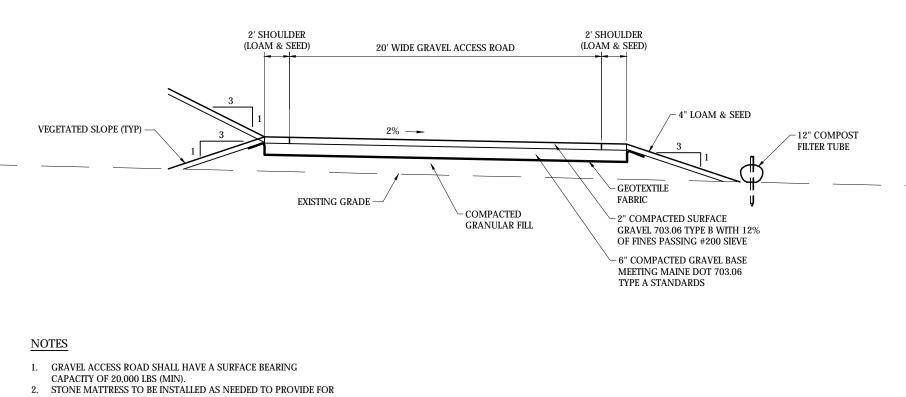
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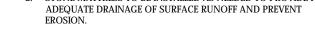
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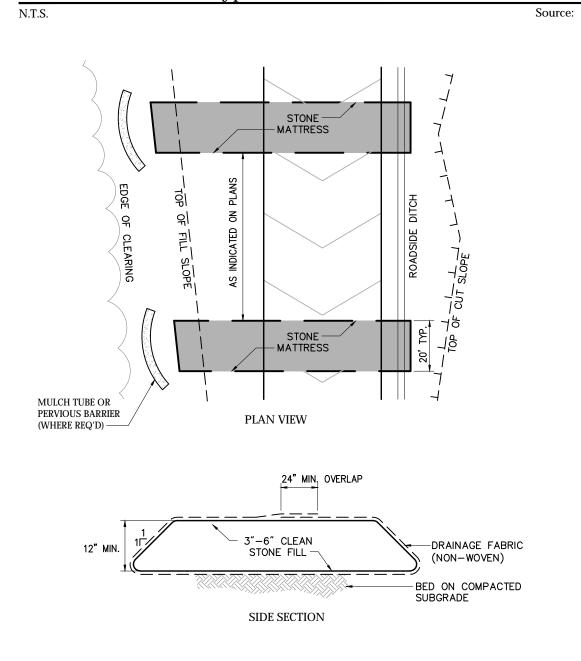
**Erosion** and Sediment Control Plan 2

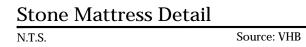


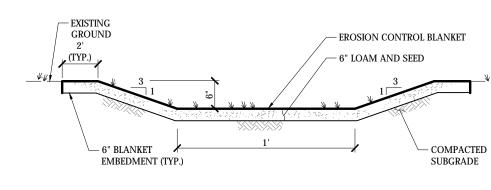








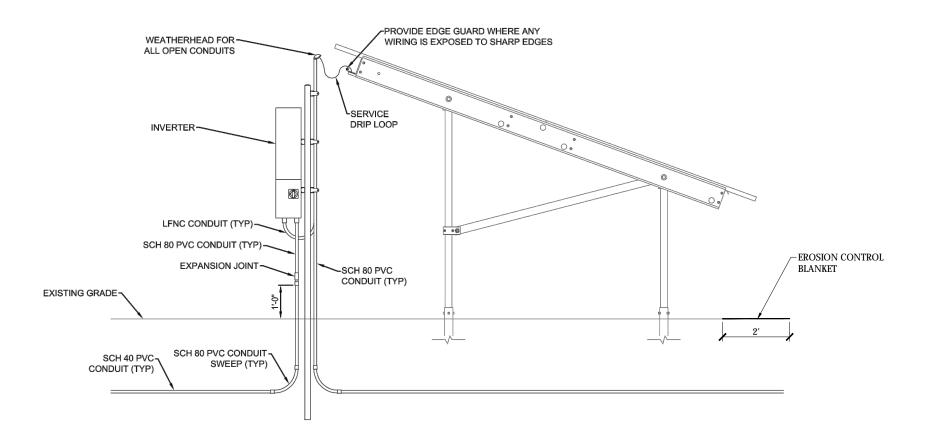




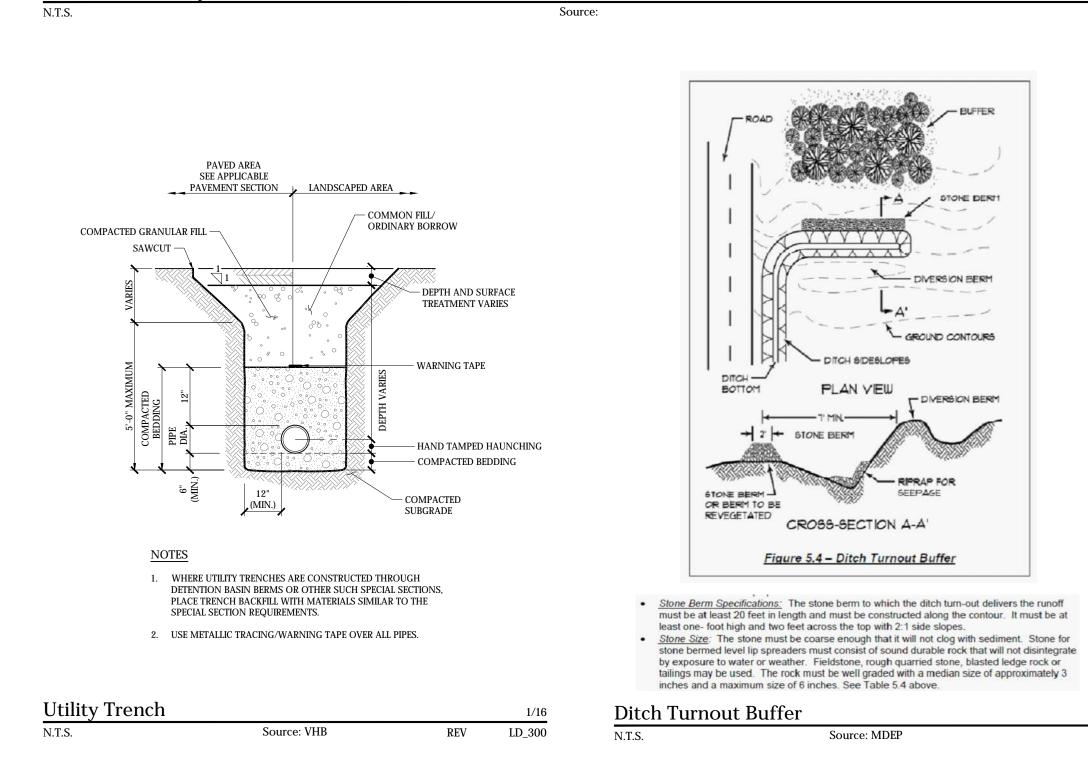
Grassed Swale		
N.T.S.	Source: VHB	REV

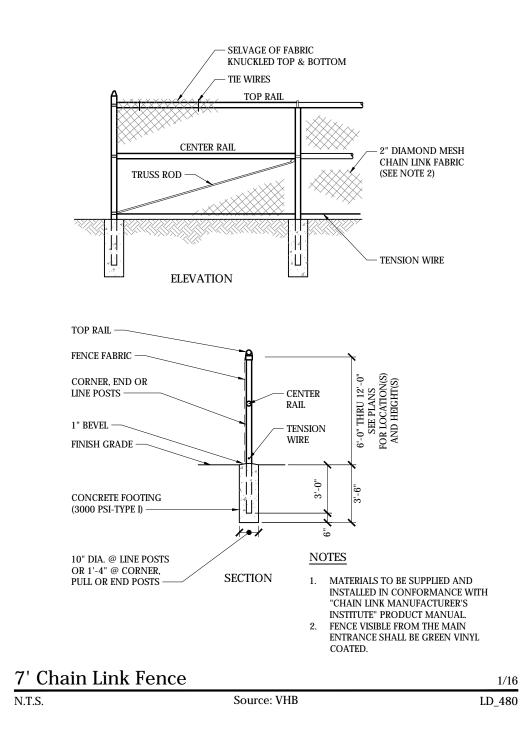
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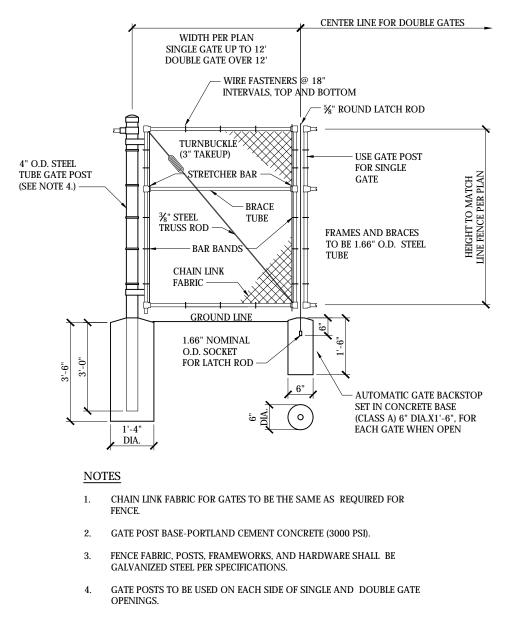
LD\_171



Inverter and Array Detail (Side)







Source: VHB

Chain Link Fence Gate



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# **ReVision Energy Solar**

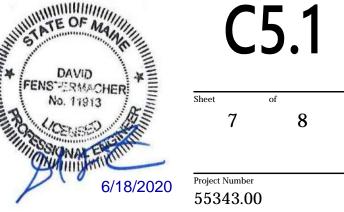
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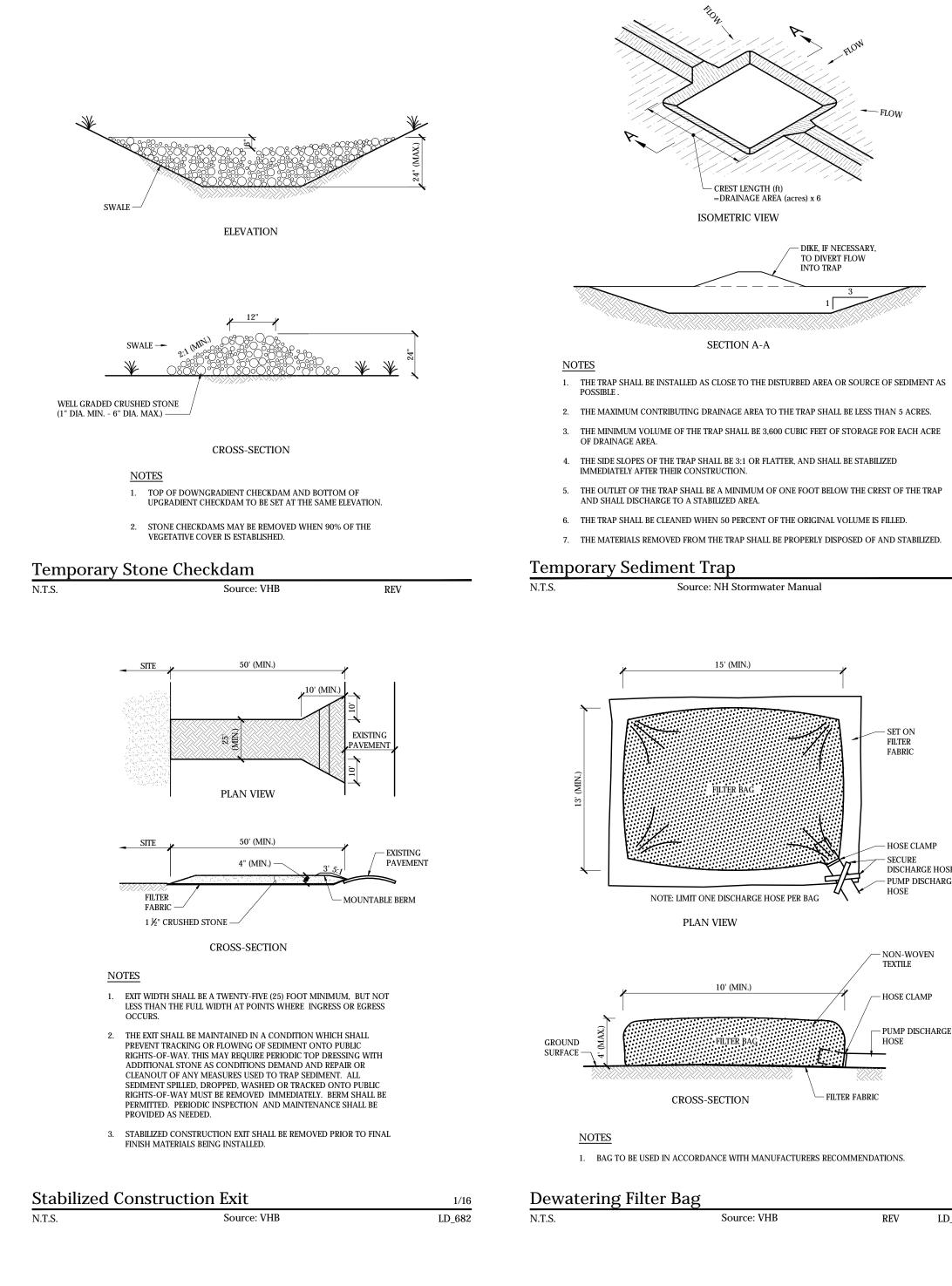
1/16 LD\_482

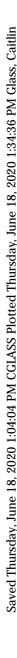
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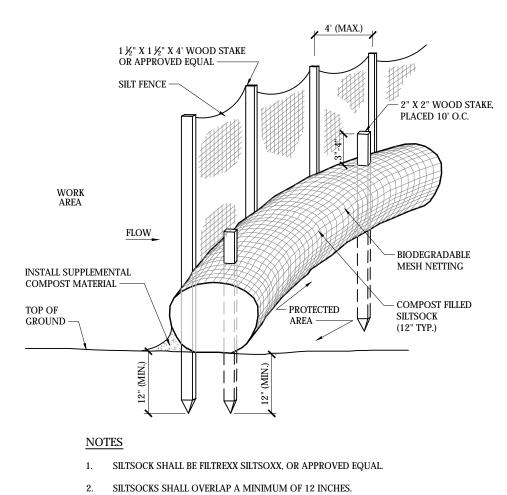
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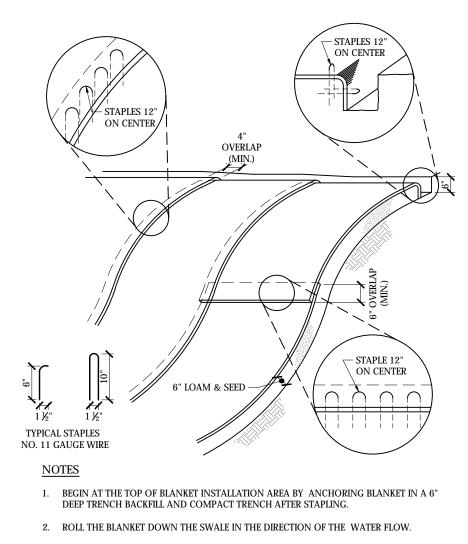
- 3. SILTSOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM
- EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED
- 4. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.

Source: VHB

5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFFSITE.

### Siltsock / Silt Fence Barrier

N.T.S.



N.T.S.

1/16

LD\_691

- FLOW

- SET ON

FILTER

FABRIC

- HOSE CLAMP

DISCHARGE HOSE

PUMP DISCHARGE

SECURE

HOSE

-NON-WOVEN

- HOSE CLAMP

- PUMP DISCHARGE

TEXTILE

HOSE

REV

- FILTER FABRIC

- DIKE. IF NECESSARY

TO DIVERT FLOW

INTO TRAP

- CREST LENGTH (ft)

SECTION A-A

5' (MIN.

FILTER BAG

10' (MIN.)

FILTER BAG

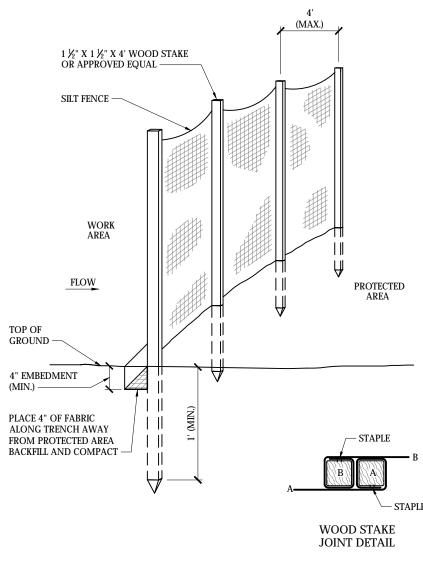
Source: VHB

=DRAINAGE AREA (acres) x 6

- 3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2 OR MORE STRIP WIDTHS ARE REQUIRED.
- 4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE UPPER BLANKET END
- OVER LOWER END WITH 6 INCH (MIN.) OVERLAP AND STAPLE BOTH TOGETHER. 5. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.
- 6. EROSION CONTROL BLANKETS SHALL BE USED IN ALL AREAS WHERE SLOPES EXCEED 3:1.

Source: VHB

#### **Erosion Control Blanket Slope Installation**



Source: VHB

Silt Fence Barrier N.T.S.

Construction Sequence 1. SURVEY AND STAKE LIMITS OF CLEARING AND GRUBBING.

- 2. SURVEY AND STAKE (50 FT OC) LIMITS OF CLEARING AND DISTURBANCE.
- 3. INSTALL TEMPORARY EROSION CONTROL MEASURES (SILT FENCING, SILTSOCKS, CONSTRUCTION EXITS, ETC.). 4. CLEAR AND GRUB WITHIN LIMIT OF ACCESS ROAD. LIMITS OF CLEARING INDICATE AREAS WHERE TREES WILL
- BE CUT AND STUMPS WILL REMAIN IN THE GROUND. 5. STRIP LOAM AND PAVEMENT OR RECLAIM EXISTING PAVEMENT WITHIN LIMITS OF WORK AND STOCKPILE
- EXCESS MATERIAL.
- 6. CONSTRUCT TEMPORARY SEDIMENTATION BERMS AS REQUIRED. 7. INSTALL DRAINAGE SYSTEM, AND OTHER UTILITIES IN ACCORDANCE WITH THE PLANS AND DETAILS.
- 8. PERFORM FINAL / FINE GRADING INCLUDING SLOPE STABILIZATION BLANKETS.
- 9. PERFORM ALL REMAINING SITE CONSTRUCTION. (I.E. CONCRETE AND GRAVEL AREAS).
- 10. LOAM AND SEED ALL DISTURBED AREAS.
- 11. REMOVE TEMPORARY EROSION CONTROL MEASURES AFTER FINAL SURFACING IS INSTALLED; AND LANDSCAPING AREAS ARE ESTABLISHED AND STABILIZED
- 12. CLEAN ALL DRAINAGE BASINS, STRUCTURES, PIPES, AND SUMPS WITHIN THE PROJECT LIMITS OF ALL SILT AND DEBRIS

### General

1/16

REV LD\_658-A

- 1. CONTRACTOR SHALL READ, BE FAMILIAR WITH, AND SHALL FOLLOW THE MAINE EROSION AND SEDIMENT CONTROL BMPS MANUAL (LATEST EDITION) AND MAINE EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONTRACTORS (LATEST EDITION): AND SHALL BE ACCOUNTABLE TO THE THIRD PARTY INSPECTOR FOR THE PROJECT AND THE MAINE DEP IN ACCORDANCE WITH MAINE DEP REGULATIONS.
- 2. PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL TEMPORARY EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- 3. CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT 4. MINIMUM TEMPORARY AND PERMANENT EROSION AND SEDIMENTATION CONTROL MEASURES ARE SHOWN
- ON THE EROSION AND SEDIMENTATION CONTROL PLAN. THE CONTRACTOR SHALL ADHERE TO THE MINIMUM PROVISIONS SHOWN. ADDITIONALLY, TEMPORARY MEASURES SHALL BE SELECTED AND CONSTRUCTED BY THE CONTRACTOR IN CONSULTATION WITH THE ENGINEER TO ACCOMMODATE CHANGING FIELD CONDITIONS THAT DEVELOP DURING CONSTRUCTION.
- 5. PUMPED WATER FROM DEWATERING ACTIVITIES SHALL BE DISCHARGED INTO SETTLING BASINS, FILTER BAGS OR OTHER APPROVED METHODS PRIOR TO DISCHARGE INTO THE ON-SITE STORMWATER MANAGEMENT SYSTEM. ALL WATER FROM DEWATERING ACTIVITIES SHALL BE RECHARGED ON-SITE OR DIRECTED TO THE DETENTION BASIN FOR DISCHARGE.
- 6. NO MORE THAN 1 ACRE SHOULD BE UNSTABILIZED AT ONE TIME WITHOUT REGULAR INSPECTION OR LIMITED TO AN AREA THAT CAN BE MULCHED IN ONE DAY. Seeding/Mulching
- 1. FERTILIZER, SUPERPHOSPHATE, AND LIME SHALL BE APPLIED AT RATES RECOMMENDED BY THE TESTING AGENCY AND APPROVED BY THE ENGINEER.
- 2. PERMANENT SEED SHALL BE SUPPLIED IN THE FOLLOWING PROPORTIONS AND APPLIED AT A RATE OF FIVE POUNDS PER 1,000 SF: SEED TYPE (% PROPORTION/% GERMINATION MIN./% PURITY MIN.) CREEPING FESCUE (50/85/95) KENTUCKY BLUEGRASS (40/85/90)
- 3. TEMPORARY SEED SHALL BE SUPPLIED IN THE FOLLOWING PROPORTIONS AND APPLIED AT A RATE OF 100 POUNDS PER ACRE: SEED TYPE (% WEIGHT MIN./% GERMINATION MIN.) WINTER RYE (80/85) RED FESCUE - CREEPING (4/80)
- PERENNIAL RYE GRASS (3/90) RED CLOVER (3/90)

MANHATTAN PERENNIAL RYE (10/90/95)

- 4. MULCH SHALL BE APPLIED TO AREAS IMMEDIATELY AFTER THEY HAVE BEEN SEEDED. MULCH SHALL CONSIST OF HAY, STRAW, HYDRO-MULCH, EROSION CONTROL BLANKETS, EROSION CONTROL MIX OR APPROVED EQUAL.
- 5. HAY OR STRAW MULCH SHALL BE AIR-DRIED; AND FREE OF UNDESIRABLE SEEDS AND COARSE MATERIALS. MULCH SHALL BE APPLIED AT A MINIMUM RATE OF 75 LB PER 1.000 SF. MULCH SHALL BE ANCHORED WITH NETTING WHEN APPLIED TO SLOPES LESS THAN THAN 15 PERCENT
- 6. EROSION CONTROL BLANKETS SHALL BE PROVIDED ON ALL SLOPES STEEPER THAN OF 1-FOOT RISE TO 3-FEET HORIZONTAL. BLANKETS SHALL BE SCI5O BN (NORTH AMERICAN GREEN); CURLEX BLANKETS (AMERICAN EXCELSIOR COMPANY): POLYJUTE STYLE 465 GT (SYNTHETIC INDUSTRIES): OR APPROVED EQUIVALENT. BLANKETS SHALL BE SECURED AS RECOMMENDED BY THE MANUFACTURER.
- 7. EROSION CONTROL MIX SHALL MEET THE FOLLOWING STANDARDS: A. ORGANIC MATTER CONTENT SHALL BE BETWEEN 80%-100%, DRY WEIGHT BASIS, B. PARTICLE SIZE BY WEIGHT: 100% PASSING THE 6" SCREEN 70% TO 85% PASSING THE 0.75" SCREEN C. ORGANIC PORTION SHALL BE FIBROUS AND ELONGATED O. SOLUBLE SALTS CONTENT SHALL BE < 4.0 MMHOS/CM, AND
- . pH SHALL BE BETWEEN 5.0 AND 8.0.
- Temporary Erosion Control Measures CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM AMOUNT OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION. AREAS REMAINING UNSTABILIZED FOR A PERIOD OF MORE THAN 15 DAYS SHALL BE
- TEMPORARILY MULCHED. TOTAL EXPOSED AREAS SHALL BE LIMITED TO NO MORE THAN CAN BE MULCHED IN
- 2. TEMPORARY MULCH SHALL BE APPLIED TO UNSTABILIZED AREAS WITHIN 100-FT OF STREAMS, WETLANDS, AND OTHER WATER RESOURCES WITHIN 7 DAYS OF EXPOSING SOIL AND PRIOR TO ANY STORM EVENT.
- 3. DUST SHALL BE CONTROLLED THROUGH THE USE OF WATER.
- CONTRACTOR SHALL PROVIDE TEMPORARY SILTATION/DEWATERING BASINS, IF NECESSARY AND/OR AS DIRECTED BY THE ENGINEER. TO CONTROL SEDIMENTATION AND STORMWATER RUNOFF DURING THE CONSTRUCTION PERIOD. CONTRACTOR SHALL SUBMIT PROPOSED BASIN LOCATIONS, DESIGNS, ETC. TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
- 5. EARTH MATERIAL STOCKPILES SHALL BE LOCATED IN AREAS THAT HAVE A MINIMUM POTENTIAL FOR EROSION AND KEPT AS FAR AWAY AS POSSIBLE FROM FXISTING DRAINAGE COURSES. PROTECTED NATURAL RESOURCES TREE DRIP LINES AND OUTSIDE OF THE 100-YEAR FLOOD PLAIN. SEDIMENT BARRIERS SHALL BE INSTALLED DOWNGRADIENT OF STOCKPILES. STORMWATER SHOULD BE DIRECTED AWAY FROM STOCKPILE LOCATIONS.
- 6. REPAIR, CLEAN, AND REPLACE ANY SEDIMENT CONTROLS DAMAGED DURING AND/OR AFTER RAINFALL
- EROSION CONTROL BLANKETS SHALL BE PLACED IN THE FLOW LINE OF ALL VEGETATED SWALES NOT OTHERWISE PROTECTED BY STONE.
- 8. EROSION CONTROL BLANKETS OR NETTING OVER LOOSE MULCH SHALL BE APPLIED TO ALL VEGETATED SLOPES GREATER THAN 3:1
- 9. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
- A. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
- B. A MINIMUM OF 90% VEGETATED GROWTH HAS BEEN ESTABLISHED;
- C. A MINIMUM OF 3-INCHES OF NON-EROSIVE MATERIAL, SUCH AS STONE OR RIPRAP, HAS BEEN INSTALLED; D. EROSION CONTROL BLANKETS OR EROSION CONTROL MIX HAVE BEEN PROPERLY INSTALLED.

#### Permanent Erosion Control Measures

- 1. THE CONTRACTOR SHALL SUBMIT A WRITTEN MANUAL, PREPARED FOR THE OWNER, THAT OUTLINES A SCHEDULE FOR PROPER MAINTENANCE OF THE LAWNS. THIS SCHEDULE SHOULD INCLUDE TIMING AND METHODS FOR MOWING, WATERING, AERATION, FERTILIZATION, LIMING, AND OTHER LAWN MAINTENANCE **OPERATIONS**
- 2. SEEDING SHALL BE DONE BETWEEN APRIL 1 TO JUNE 1, OR BETWEEN AUGUST 15 TO OCTOBER 15.
- 3. ALL DISTURBED AREAS NOT COVERED BY BUILDINGS, PAVING, OR OTHERWISE DEVELOPED, SHALL BE COVERED WITH 6 INCHES LOAM AND SEEDED.

1/16

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REV

LD\_680

REV

### Winter Construction

- 1. WINTER CONSTRUCTION PERIOD: OCTOBER 15 THRU APRIL 15. 2. WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT A MAXIMUM OF 1 ACRE OF THE
- SITE IS UNSTABILIZED AT ANY ONE TIME OR LIMITED TO AN AREA THAT CAN BE MULCHED IN ONE DAY. 3. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 150 LB PER 1,000 SF OR 3 TONS/ACRE. MULCH
- SHALL BE APPLIED AND ANCHORED SO THAT THE GROUND SURFACE IS NOT VISIBLE THROUGHOUT THE MULCH. MULCH SHALL NOT BE APPLIED OVER SNOW.
- 4. MULCH SHALL NOT BE APPLIED WHERE THE SNOW DEPTH EXCEEDS ONE INCH. SNOW SHALL BE REMOVED PRIOR TO APPLICATION.
- 5. EROSION CONTROL BLANKETS SHALL BE APPLIED TO ALL VEGETATED SLOPES GREATER THAN 3:1.
- 6. A DOUBLE ROW OF SEDIMENT BARRIERS SHALL BE INSTALLED WITHIN 75 FEET OF A PROTECTED NATURAL RESOURCE.
- 7. DURING PERIODS WHEN TEMPERATURES ARE ABOVE FREEZING, AREAS SHALL BE FINE GRADED AND PROTECTED WITH EITHER MULCH; OR TEMPORARILY SEEDED AND MULCHED UNTIL THE FINAL TREATMENT CAN BE APPLIED
- 8. AFTER NOVEMBER 1 EXPOSED AREAS THAT HAVE BEEN LOAMED AND FINAL GRADED MAY BE DORMANT SEEDED AT A RATE OF 3 TIME THE PERMANENT SEED RATE AFTER THE FIRST KILLING FROST AND OVERWINTER MULCHED OR ANCHORED WITH EROSION CONTROL BLANKETS.
- 9. WINTER INSPECTIONS SHALL BE PERFORMED ONE A WEEK AND AFTER EACH RAINFALL, SNOWSTORM, OR THAW FOR VEGETATION GROWTH, EROSION, AND MAINTENANCE NEEDS A. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 75% CATCH) SHALL BE STABILIZED FOR OVERWINTER PROTECTION

#### Site Inspection & Maintenance

RECONSTRUCTED AND/OR REPLACED.

- 1. CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS AND BEFORE AND AFTER EACH STORM EVENT.
- 2. CONTRACTOR SHALL MAINTAIN WRITTEN INSPECTION AND MAINTENANCE LOGS FOR THE EROSION CONTROL MEASURES FOR THE DURATION OF THE CONSTRUCTION PERIOD. LOGS SHALL BE MADE AVAILABLE TO THE OWNER, ENGINEER, MUNICIPALITY, AND MAINE DEP UPON REQUEST
- TEMPORARY MULCHING: ADDITIONAL MULCH SHALL BE IMMEDIATELY APPLIED TO AREAS WHERE LESS THAN 90% OF THE SOIL SURFACE IS COVERED WITH MULCH.
- <u>CATCH BASIN/SILT SACK SEDIMENT TRAPS:</u> SEDIMENT SHALL BE REMOVED FROM TRAPS WHEN ACCUMULATION DEPTH IS GREATER THAN OR EQUAL TO 1/2 THE DESIGN DEPTH OF THE TRAP. TRAPS SHALL BE REPLACED IF THE ARE DAMAGE, TORN, ETC.
- SILTSOCK BARRIERS, SILT FENCE BARRIERS, AND STONE CHECK DAMS: SILTSOCK BARRIERS, SILT FENCE, AND STONE CHECK DAMES SHALL BE REPAIRED IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THEM. SEDIMENT TRAPPED BEHIND BARRIERS/CHECK DAM SHALL BE REMOVED WHEN SEDIMENT DEPTH REACHES 6 INCHES. BARRIERS SHALL BE REPLACES WITH A TEMPORARY CHECK DAM IF THERE ARE SIGNS OF UNDERCUTTING OR IMPOUNDING LARGE VOLUMES OF WATER BEHIND THEM.
- EROSION CONTROL BLANKETS: IF WASHOUTS OR BREAKAGE OCCURS, SLOPES SHALL BE REPAIRED, AND BLANKETS SHALL BE RE-INSTALLED.
- STABILIZED CONSTRUCTION EXITS: EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. IF EXIT BECOMES INEFFECTIVE IT SHALL BE
- TEMPORARY SEDIMENTATION/DEWATERING BASINS: SEDIMENT IN TEMPORARY BASINS SHALL BE REMOVED AS NECESSARY DEPENDING ON THEIR USE AND DESIGN.
- 9. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE SYSTEMS
- 10. LONG-TERM MAINTENANCE OF THE PERMANENT EROSION CONTROL MEASURES SHALL BE THE RESPONSIBILITY OF THE OWNER.



500 Southborough Drive Suite 105B South Portland, ME 04106 207.889.3150

### **ReVision Energy Solar**

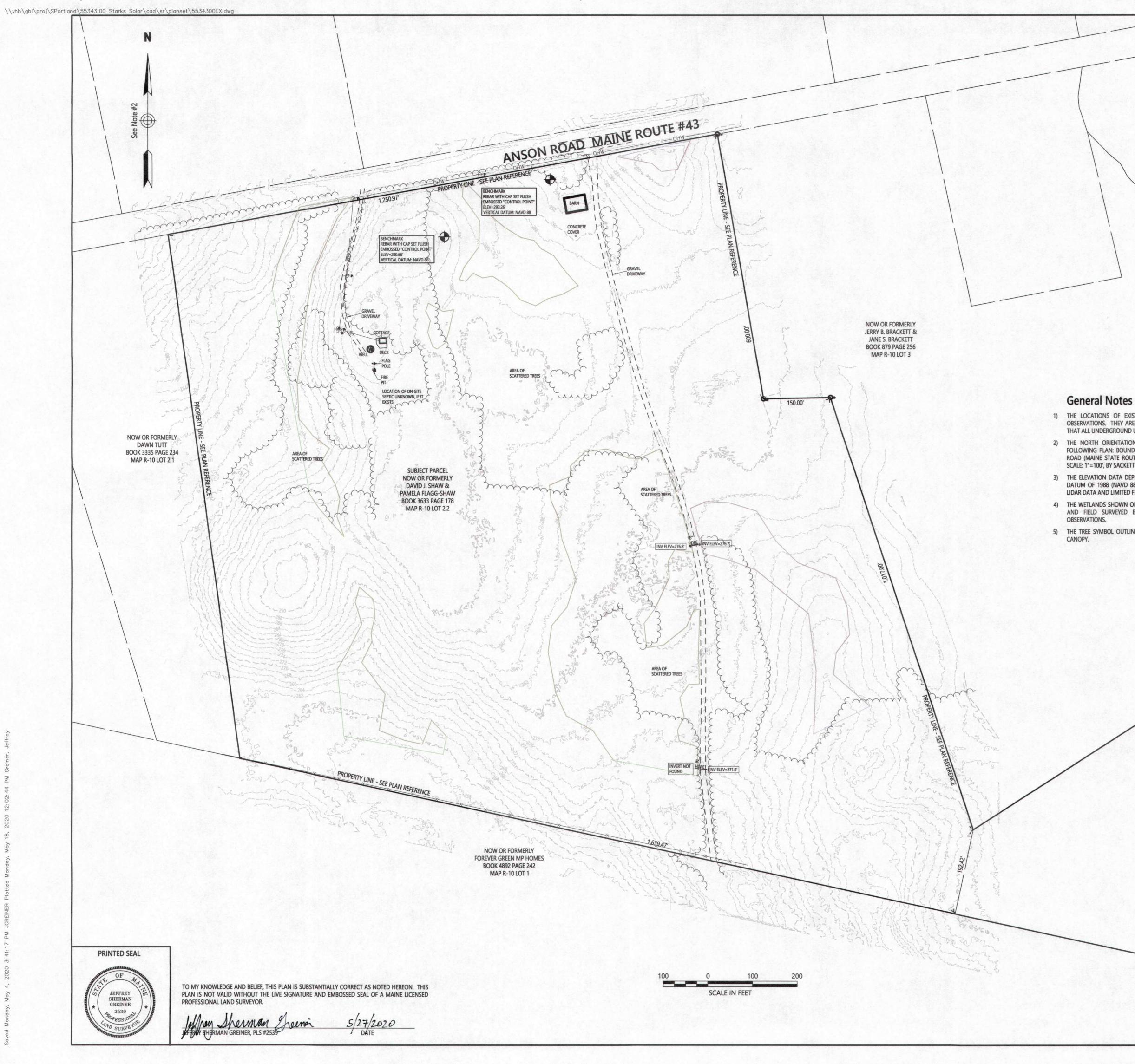
486 Anson Road Starks, Maine 04911

No.	Revision	Date	Appvd.
1	REVISED PER TOWN COMMENTS	6/18/20	DF
Design	ed by CG	Checked by	OF
Issued	for	Date	
Pe	Permitting May 2		2, 2020

Not Approved for Construction

### Site Details 2







### Legend

	3
0	DRAIN MANHOLE
<b></b>	CATCH BASIN
S	SEWER MANHOLE
Ē	ELECTRIC MANHOLE
Ũ	TELEPHONE MANHOLE
$\odot$	MANHOLE
НН	HAND HOLE
۲	WATER GATE
Ô	FIRE HYDRANT
0	GAS GATE
	BOLLARD w/LIGHT
-0-	STREET SIGN
¢	LIGHT POLE
-0-	UTILITY POLE
0-	GUY POLE
$\checkmark$	GUY WIRE
9	MONITORING WELL
	FLOOD LIGHT
1	
(W)	WELL
sille	MARSH
1	F.F.E.=45.27'
	FINISHED FLOOR ELEVATION
CNO	COULD NOT OPEN
NPV	NO PIPES VISIBLE
DYL	DOUBLE YELLOW LINE
DWL	
SYL	SINGLE YELLOW LINE
LSA	LANDSCAPED AREA
EOP	EDGE OF PAVEMENT
CC	CONCRETE CURB
VGC	VERTICAL GRANITE CURB
SGE	SLOPED GRANITE EDGE
BB	a server of more thanks the server and the server server server and the server serve
BC	BITUMINOUS BERM
	BITUMINOUS CURB
<u> </u>	GUARD RAIL
-00-	CHAIN LINK FENCE
	DRAINAGE LINE
	SEWER LINE
-OHW	OVERHEAD WIRE
E	UNDERGROUND ELECTRIC
T —	TELEPHONE LINE
— G ———	GAS LINE
w	WATER LINE
0000000	STONE WALL
mm	TREE LINE
100'BZ	100-FT BUFFER ZONE
100'RA	100-FT RIVER FRONT AREA
200'RA	200-FT RIVER FRONT AREA
	LIMIT MEAN ANNUAL HIGH WATE
BF1-100	LIMIT OF BANK
WF1-100	VEGETATED WETLAND BOUNDARY
₩F1-100	VEGETATED WEILAND BOUNDAR

1) THE LOCATIONS OF EXISTING UTILITIES DEPICTED ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS. THEY ARE NOT WARRANTED TO BE EXACTLY LOCATED NOR IS IT WARRANTED THAT ALL UNDERGROUND UTILITIES OR OTHER STRUCTURES ARE SHOWN ON THIS PLAN.

2) THE NORTH ORIENTATION AND PROPERTY LINES DEPICTED HEREON ARE BASED ON THE FOLLOWING PLAN: BOUNDARY SURVEY PREPARED FOR WISHCAMPER, INC., LOCATION: ANSON ROAD (MAINE STATE ROUTE 43), STARKS, SOMERSET COUNTY, MAINE, DATE: MARCH 21, 2020, SCALE: 1"=100', BY SACKETT & BRAKE SURVEY, INC.

3) THE ELEVATION DATA DEPICTED HEREON IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). THE CONTOURS DEPICTED HEREON WERE DERIVED FROM NOAA LIDAR DATA AND LIMITED FIELD MEASUREMENTS. CONTOUR INTERVAL: 2'.

4) THE WETLANDS SHOWN ON THIS PLAN WERE FLAGGED BY VHB ENVIRONMENTAL DEPARTMENT AND FIELD SURVEYED BY VHB ENVIRONMENTAL DEPARTMENT WITH SUB-METER GPS

5) THE TREE SYMBOL OUTLINE SHOWN ON THIS PLAN DOES NOT REPRESENT THE ACTUAL TREE

		NOW OR FORMERLY JAMES L HILTON & ELIZABETH M. HILTON BOOK 3714 PAGE 222 MAP R-10 LOT 9	
S	TATE OF MAINE SOMERSET COUNTY Received		Registry of Deeds
	at H	M	M, and
	recorded in Book	Page	
	ATTEST:		
			Registrar

### 0000 in ---- 100'BZ ----- 100 -----A WEL Plan of Land Anson Road, Town of Starks County of Somerset, State of Maine Checked by Designed by Issued for Date May 4, 2020 **Existing Conditions**

# **Topographic Survey**

Sv-1 Sheet of

Project Number 55343.00