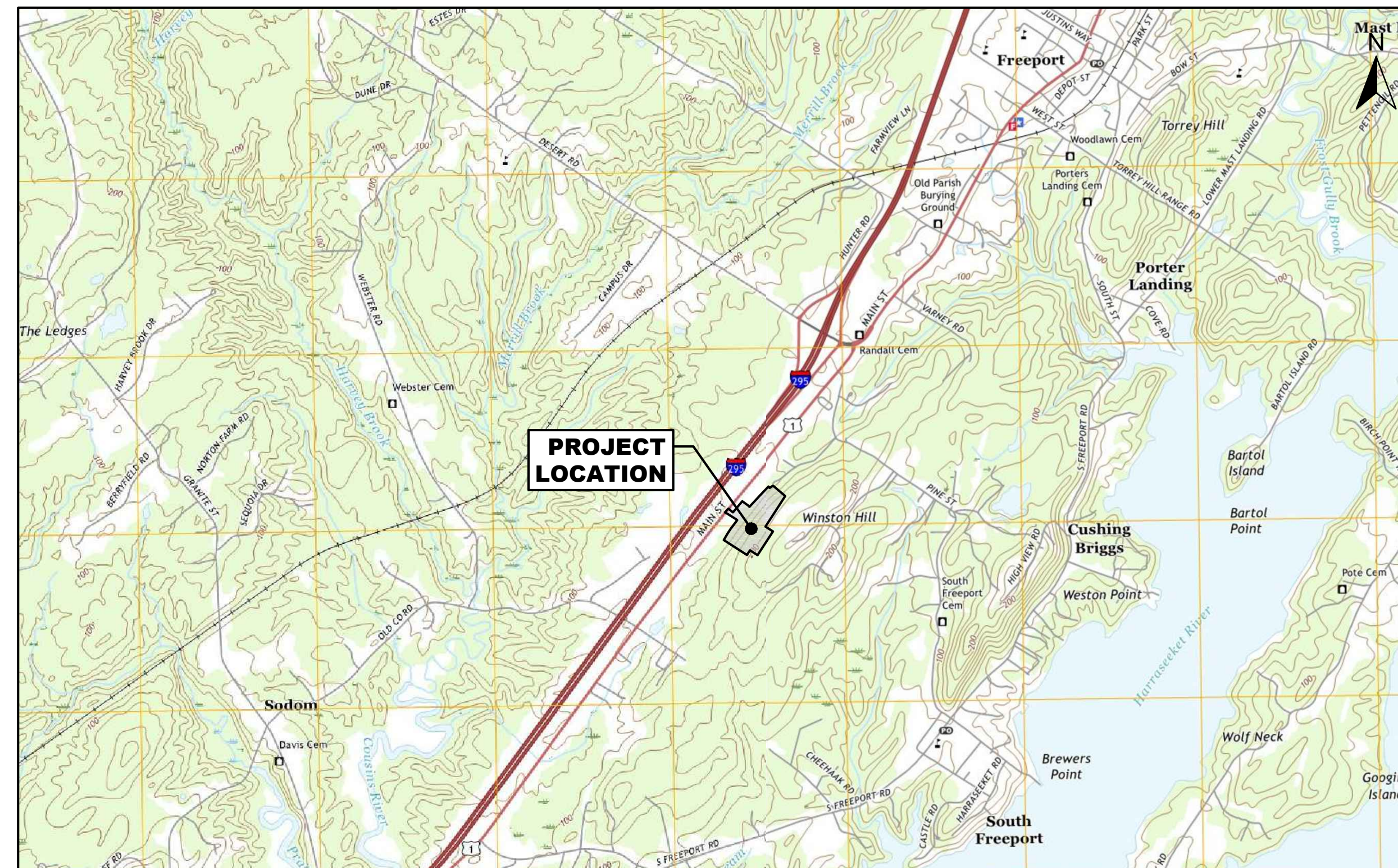


SITE DEVELOPMENT PLANS
FOR A
PROPOSED SOLAR FACILITY
5.126 MWdc (4.990 MWac)
0 US ROUTE 1 (LOTS 23-49 & 23-64)
FREEPORT, ME 04032

MARCH 23, 2021



LOCATION MAP
1" = 2000'

APPLICANT
NBD SOLAR MAINE, LLC
120 FRONT STREET
MARION, MA 02738

DRAFT PLANS

CURRENT OWNER

GREYSTONE FREEPORT LIVING, LLC.
152 WEST 57TH STREET
NEW YORK, NY 10019

ASSESSORS INFORMATION

MAP 23, LOT 49 MAP 23, LOT 64
AREA: 15.92± AC. AREA: 1.44± AC.

APPROVALS

PERMIT	NUMBER	DATE
MAINE DEP STORMWATER PBR	TBD	__/__/21
MAINE CONSTRUCTION GENERAL PERMIT NOI	TBD	__/__/21
MAINE DOT DRIVEWAY PERMIT	TBD	__/__/21
TOWN OF FREEPORT SITE PLAN REVIEW	TAX MAP-LOT 23-49 & 23-64	__/__/21

LIST OF DRAWINGS

DWG #	SHEET#	DWG NAME
C1	1	COVER SHEET
C2	2	EXISTING CONDITIONS PLAN
C3	3	SITE PLAN & EROSION CONTROL PLAN
C4	4	EROSION CONTROL NOTES & DETAILS
C5	5	CONSTRUCTION DETAILS

NOT FOR
CONSTRUCTION

REV.	DESCRIPTION	DATE
1	DRAFT PLANS - ISSUED FOR PRELIMINARY COORDINATION	03/23/21

THIS DOCUMENT IS PREPARED AS AN INSTRUMENT OF SERVICE AND HOYLE, TANNER, INC. MAY NOT BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF HOYLE, TANNER, INC.

Hoyle, Tanner & Associates, Inc.
106 Lafayette Street, Unit 2D, Yarmouth, ME 04096
Tel: (207) 844-8102 Web: www.hoyletanner.com
© Copyright 2021 Hoyle, Tanner & Associates, Inc.

SCALE: AS SHOWN DATE: MARCH 23, 2021
DESIGNED BY: SMT
DRAWN BY: MJS
CHECKED BY: WRD

APPLICANT
NBD SOLAR MAINE, LLC
120 FRONT STREET
MARION, MA 02738

PROJECT
PROPOSED SOLAR FACILITY
0 US ROUTE 1 (LOTS 23-49 & 23-64)
FREEPORT, ME 04032

COVER SHEET

C1

PROJECT NO. 565400.39

SHEET 1 OF 5

EXISTING CONDITIONS NOTES:

- THE PURPOSE OF THIS PLAN IS TO DEPICT THE EXISTING CONDITIONS ON TAX MAP LOTS 23-49 AND 23-64 AT 0 US ROUTE 1 IN FREEPORT, MAINE. THE TWO PARCELS ARE APPROXIMATELY 17.36± ACRES BASED ON RECORD PLANS.
- THE OWNER OF RECORD FOR TAX MAP LOTS 23-49, AND 23-64 IS GREYSTONE FREEPORT LIVING, LLC - 152 WEST 57TH STREET, NEW YORK, NEW YORK 10019. THE DEED REFERENCE FOR THE PARCEL IS BOOK 25277 PAGE 316 IN THE C.C.R.D.
- ZONING FOR THE PARCEL IS (C1) COMMERCIAL 1 DISTRICT / (RR1) RURAL RESIDENCE 1 DISTRICT.

ZONING REQUIREMENTS (C1/RR1):
LOT AREA - 40,000 SQ.FT./2.5 AC.
FRONTAGE - NONE/200 FT.
FRONT SETBACK - 15 FT./50 FT.
SIDE SETBACK - 15 FT./50 FT.
REAR SETBACK - 15 FT./75 FT.
- THE SURFACE FEATURES AND TOPOGRAPHY AS SHOWN WERE COMPILED BY CORNERSTONE ENERGY SERVICES BASED ON GEOSPATIAL DATA AS DETAILED BELOW:

IMAGERY:
SPRING 2018 ME STATE ORTHOS. 45 CM 4B
(UTM M, PROJECTED TO MEWESTF)
FALL 2018 WORLD IMAGERY 6"
(FROM GLOBAL MAPPER, PROJECTED TO MEWESTF)

LIDAR:
2013 NRCS LIDAR, NOMINAL PULSE SPACING (NPS) OF 0.7M
SUITABLE FOR 2FT CONTOURS
UTM METERS PROJECTED TO MEWESTF

VECTORS:
AUTOGENERATED FROM THE LIDAR - BLDGS, CONTOURS HUD FROM IMAGERY, ROADS, BLDGS, DRIVEWAYS, TREELINE HYDRO PROVIDED AS PART OF THE NRCS LIDAR DELIVERABLE CONTOUR KEYPOINTS DERIVED FROM LIDAR USED TO GENERATE 2 FT CONTOURS
- HORIZONTAL ORIENTATION IS STATE PLANE MAINE WEST NAD83 AND VERTICAL DATUM IS NAVD88.
- LIDAR CONTOURS ARE FOR CONCEPTUAL PURPOSES ONLY AND SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION.
- THERE ARE NO ONSITE WETLANDS OR VERNAL POOLS AS DETERMINED BY A FIELD VISIT BY ATLANTIC ENVIRONMENTAL, LLC ON NOVEMBER 5, 2020.
- THE SUBJECT PARCELS ARE NOT LOCATED IN A FLOOD HAZARD AREA BASED ON FLOOD INSURANCE RATE MAP (FIRM) FOR CUMBERLAND COUNTY, TOWN OF FREEPORT, MAINE, PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY, MAP NUMBER 230046001B, DATED JANUARY 17, 1985.
- UNDERGROUND UTILITIES, IF ANY WERE NOT LOCATED AS PART OF THIS SURVEY. THE LOCATION OF ANY UTILITIES SHOWN, SHOULD BE CONSIDERED APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.

BOUNDARY NOTES:

- THIS PLAN DOES NOT REPRESENT A BOUNDARY SURVEY NOR WAS ONE PERFORMED. NO ON THE GROUND FIELD WORK WAS PERFORMED. PROPERTY LINES ARE APPROXIMATE AND ARE BASED SOLELY ON THE FOLLOWING REFERENCE PLAN:

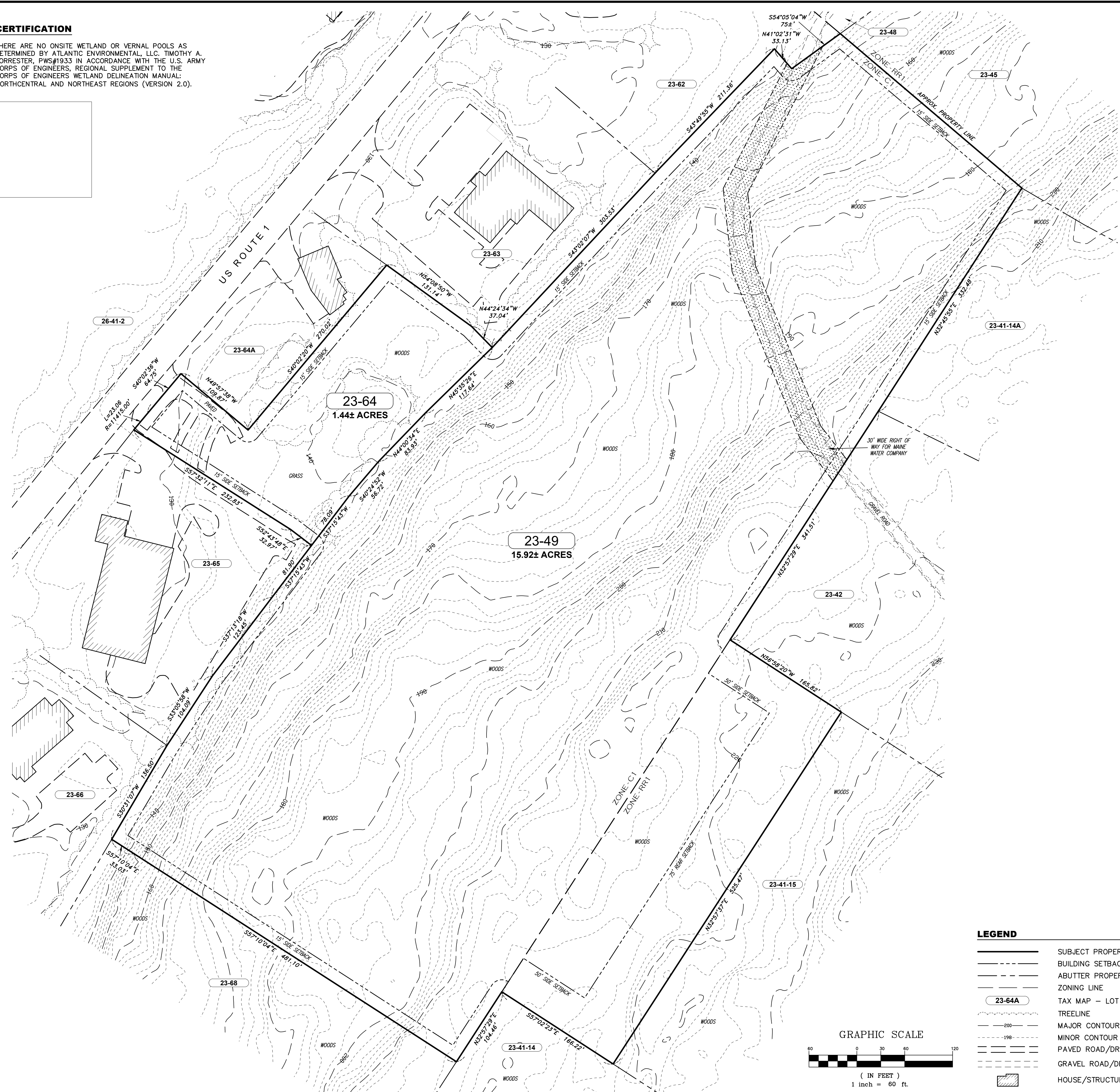
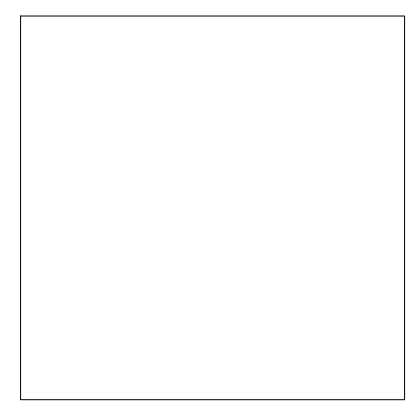
"RECORDING PLAT OF - FREEPORT LIVING RETIREMENT COMMUNITY - U.S. ROUTE 1, FREEPORT, MAINE - MADE FOR - GREYSTONE FREEPORT LIVING LLC C/O DREW WING 36 QUARRY LANE, FREEPORT, MAINE 04032", SCALE 1"= 100', DATED MAY 30, 2008, BY ROYAL RIVER SURVEY CO. RECORDED IN THE CUMBERLAND COUNTY REGISTRY OF DEEDS IN PLAN BOOK 208, PAGE 292.
- THE BEARINGS FROM THE REFERENCE PLANS ARE MAGNETIC 2006. THE REFERENCE PLAN WAS ROTATED TO A BEST FIT BASED ON SITE FEATURES AND THE BEARINGS WERE ADJUSTED TO APPROXIMATE STATE PLANE.
- PRIOR TO ANY CONSTRUCTION AN ALTA SURVEY WILL BE CONDUCTED FOR THE TWO PARCELS.

LIST OF ABUTTERS:

23-41-14 APRIL & JOSEPH DIETERLE 24 SEA ROSE LANE FREEPORT, ME 04032	23-62 THE GREYNA GROUP, LLC 70 DESERT ROAD FREEPORT, ME 04032 (457 US ROUTE ONE)
23-41-14A WINSTON HILL HOMEOWNERS ASSOCIATION 20 LOOKOUT DRIVE FREEPORT, ME 04032 (0 LOOKOUT DRIVE)	23-63 TWL PROPERTIES LLC 443 US ROUTE 1 FREEPORT, ME 04032
23-41-15 WINSTON HILL HOMEOWNERS ASSOCIATION 20 LOOKOUT DRIVE FREEPORT, ME 04032 (0 LOOKOUT DRIVE)	23-64A DLBC ASSOCIATES LLC 437 US ROUTE 1 FREEPORT, ME 04032
23-42 TOWN OF FREEPORT 30 MAIN STREET FREEPORT, ME 04032 (47 STAGECOACH DRIVE)	23-65 TIGER HOLDINGS LLC C/O: DIMILLOS YACHT SALES 1 LONG WARF PORTLAND, ME 04101 (423 US ROUTE ONE)
23-45 WINSTON HILL HOMEOWNERS ASSOCIATION 20 LOOKOUT DRIVE FREEPORT, ME 04032 (STAGECOACH ROAD)	23-66 407 US ROUTE ONE LLC 82 MAIN STREET BRUNSWICK, ME 04011 (407 US ROUTE 1)
23-48 EUGENE CURIT 14 STAGECOACH ROAD FREEPORT, ME 04032 (STAGECOACH ROAD)	23-68 MERRILL FOGG, JR & JANICE FOGG 337 US ROUTE 1 FREEPORT, ME 04032
	26-41-2 WILLIAM PHIPPS P.O. BOX 1325 YARMOUTH, ME 04096 (US ROUTE ONE)

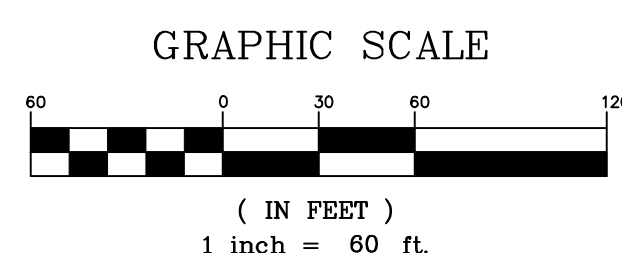
CERTIFICATION

THERE ARE NO ONSITE WETLAND OR VERNAL POOLS AS DETERMINED BY ATLANTIC ENVIRONMENTAL, LLC. TIMOTHY A. FORRESTER, PWS#1933 IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS, REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: NORTH-CENTRAL AND NORTHEAST REGIONS (VERSION 2.0).



LEGEND

	SUBJECT PROPERTY LINE
	BUILDING SETBACK
	ABUTTER PROPERTY LINE
	ZONING LINE
	TAX MAP - LOT
	TREELINE
	MAJOR CONTOUR
	MINOR CONTOUR
	PAVED ROAD/DRIVE
	GRAVEL ROAD/DRIVE
	HOUSE/STRUCTURE



NOT FOR CONSTRUCTION

REV.	DATE	REVISION DESCRIPTION
1	03/23/21	DRAFT PLANS - ISSUED FOR PRELIMINARY COORDINATION

CHECKED BY	DRAWN BY	DESIGNED BY
WRD	MJS	SMT

SCALE: AS SHOWN
DATE: MARCH 23, 2021

Hoyle, Tanner & Associates, Inc.
106 Lafayette Street, Unit 2D, Yarmouth, ME 04096
Tel (207) 844-8102 Web: www.hoyletanner.com
© Copyright 2021 Hoyle, Tanner & Associates, Inc.

APPLICANT: NBD SOLAR MAINE, LLC
120 FRONT STREET
MARION, MA 02738

PROJECT: PROPOSED SOLAR FACILITY
0 US ROUTE 1 (LOTS 23-49 & 23-64)
FREEPORT, ME 04032

GENERAL NOTES

- THE PURPOSE OF THESE PLANS ARE TO DEPICT THE SITE DESIGN FOR A PROPOSED SOLAR FACILITY LOCATED AT 0 US ROUTE 1 IN FREEPORT, ME.
- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORMWATER DISCHARGE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS, FEES, TEMPORARY UTILITIES AND COORDINATION WITH ALL AGENCIES IN OBTAINING ACCESS TO THE SITE AND PERFORMING ALL WORK REQUIRED FOR THIS PROJECT.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE OWNER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE AGREED TO BY THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL CONTACT "DIGSAFE" (DIAL 811) AT LEAST 72 HOURS BEFORE DIGGING.
- WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE CONTRACTOR SHALL VERIFY DIMENSIONS WHEN SCALING REPRODUCED PLANS. IN CASE OF CONFLICT BETWEEN THIS PLAN SET AND ANY OTHER DRAWING AND/OR SPECIFICATION, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR CLARIFICATIONS.
- THE CONTRACTOR SHALL PERFORM ALL THE CLEARING AND GRUBBING NECESSARY WITHIN THE LIMITS OF THE CHAINLINK FENCE AND WIDTH OF THE ACCESS ROAD. ANY MANMADE SURFACE STRUCTURES WITHIN THESE LIMITS SHALL BE REMOVED AND DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL GOVERNING AGENCIES.
- ALL TREE AND BRUSH CLEARING OUTSIDE OF THE CHAINLINK FENCE AND GRAVEL ACCESS ROAD AREAS SHALL LEAVE THE ROOTS, STUMPS AND TOPSOIL UNDISTURBED. THERE SHALL BE NO EARTH MOVING ACTIVITIES IN THESE AREAS.
- ALL GRASSED AREAS SHALL NOT BE MOWED MORE THAN 2 TIMES PER YEAR. NO HERBICIDES OR PESTICIDES SHALL BE USED ONSITE.
- THE CONTRACTOR SHALL PROTECT AND MAINTAIN EXISTING BENCHMARKS, BOUNDS AND PROPERTY CORNERS. ALL SURVEY MONUMENTS DESTROYED DURING CONSTRUCTION SHALL BE RESET BY A MAINE REGISTERED LAND SURVEYOR AT NO EXPENSE TO THE OWNER.
- ANY AREAS OUTSIDE THE LIMITS OF WORK THAT ARE DISTURBED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL WORK IS COMPLETED IN ACCORDANCE WITH OSHA REQUIREMENTS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY EXCAVATION SAFEGUARDS, NECESSARY BARRICADES, POLICE DETAILS, ETC., FOR TRAFFIC CONTROL AND SITE SAFETY. ALL EXCAVATIONS SHALL BE THOROUGHLY SECURED ON A DAILY BASIS BY THE CONTRACTOR AT THE COMPLETION OF CONSTRUCTION OPERATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE CONDITIONS OF THE SITE.
- THIS PROJECT DISTURBS MORE THAN 1 ACRE OF LAND AND REQUIRES COMPLIANCE WITH THE MPDES MAINE CONSTRUCTION GENERAL PERMIT (MCGP). PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL FILE A NOTICE OF INTENT WITH THE MAINE DEP AND PREPARE AN EROSION AND SEDIMENT CONTROL PLAN IN ACCORDANCE WITH MPDES REGULATIONS.
- THE CONTRACTOR SHALL STABILIZE ANY AND ALL DITCHES, SWALES AND PONDS PRIOR TO DIRECTING STORMWATER RUN-OFF TO THEM.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED AFTER THE SITE HAS BEEN STABILIZED.
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- IN AREAS OF REGRADING, THE SUBGRADE SHALL BE LOOSENEED BY SCARIFYING TO A DEPTH OF AT LEAST 2" TO ENSURE BONDING OF THE TOPSOIL AND SUBSOIL.
- FILL OR TOPSOIL SHALL NEITHER BE PLACED NOR COMPACTED WHILE IN A FROZEN OR MUDDY CONDITION OR WHILE SUBGRADE IS FROZEN.
- ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS THAT DO NOT HAVE A SURFACE TREATMENT SPECIFICALLY SPECIFIED SHALL BE RESTORED TO A MINIMUM OF 4" OF SEEDED TOPSOIL, FERTILIZER, AND MULCH.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OWNING UTILITIES, EITHER OVERHEAD OR UNDERGROUND, WITHIN THE CONSTRUCTION AREA AND SHALL COORDINATE WITH THE UTILITY COMPANIES FOR RELOCATING AND/OR SUPPORTING THEIR UTILITIES, IF REQUIRED, IN ACCORDANCE WITH THEIR SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN UTILITY SERVICES TO EXISTING FACILITIES AT ALL TIMES. IF ANY DISRUPTION MUST OCCUR, CONTRACTOR SHALL NOTIFY AND COORDINATE WITH UTILITY OWNER AT LEAST 72 HOURS IN ADVANCE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL PROPOSED SITE FEATURES SHALL BE LAID OUT IN THE FIELD USING SURVEY EQUIPMENT. AN AUTOCAD FILE OF THE EXISTING AND PROPOSED FEATURES WITH CONTROL POINTS WILL BE PROVIDED TO THE CONTRACTOR FOR CONSTRUCTION LAYOUT. THE LIMIT OF WORK SHALL BE CLEARLY MARKED IN THE FIELD BEFORE ANY WORK IS TO BEGIN ONSITE.
- SYMBOLS AND LINETYPES MAY BE EXAGGERATED FOR CLARITY ON THESE DRAWINGS DUE TO THE SCALE. THE CONTRACTOR SHALL ADJUST ACCORDINGLY DURING CONSTRUCTION LAYOUT.
- ADDITIONAL UNDERGROUND ELECTRICAL CONDUITS BETWEEN PANELS, TRANSFORMERS, CENTRAL INVERTERS AND UTILITY POLES ARE NOT SHOWN ON THESE DRAWINGS FOR CLARITY. FINAL PANEL CONFIGURATION AND ELECTRICAL ROUTING MAY VARY FROM THESE PLANS. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

ZONING SUMMARY

ZONING DISTRICTS
COMMERCIAL 1 (C1)/RURAL RESIDENCE 1 (RR1)

REGULATION	REQUIREMENT	PROVIDED
LOT SIZE:	40,000 SF/2.5AC	17.36± AC.
LOT FRONTAGE	NONE/200 FT	87.8± FT/NA
FRONT SETBACK	15/50 FT	102.2 FT/NA
SIDE SETBACK	15/50 FT	20.4/50.8 FT
REAR SETBACK	15/75 FT	NA/77.0 FT

PROJECT DATA

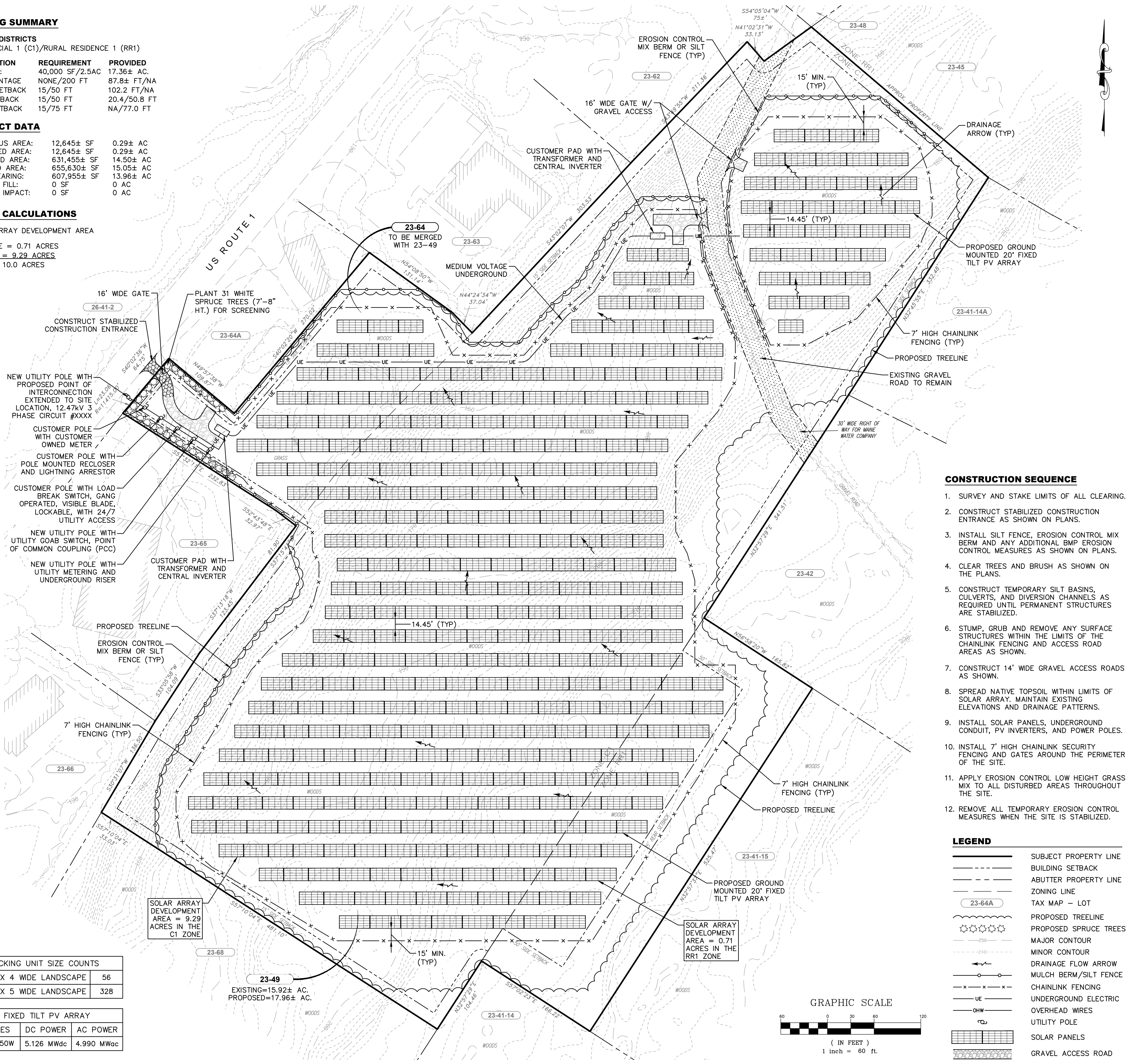
IMPERVIOUS AREA:	12,645± SF	0.29± AC
DEVELOPED AREA:	12,645± SF	0.29± AC
DISTURBED AREA:	631,455± SF	14.50± AC
OCCUPIED AREA:	655,630± SF	15.05± AC
TREE CLEARING:	607,955± SF	13.96± AC
WETLAND FILL:	0 SF	0 AC
WETLAND IMPACT:	0 SF	0 AC

SOLAR CALCULATIONS

SOLAR ARRAY DEVELOPMENT AREA
RR1 ZONE = 0.71 ACRES
C1 ZONE = 9.29 ACRES
TOTAL = 10.0 ACRES

RACKING UNIT SIZE COUNTS		
5 HIGH X 4 WIDE LANDSCAPE		56
5 HIGH X 5 WIDE LANDSCAPE		328

20° FIXED TILT PV ARRAY		
MODULES	DC POWER	AC POWER
9,320/550W	5.126 MWdc	4.990 MWac

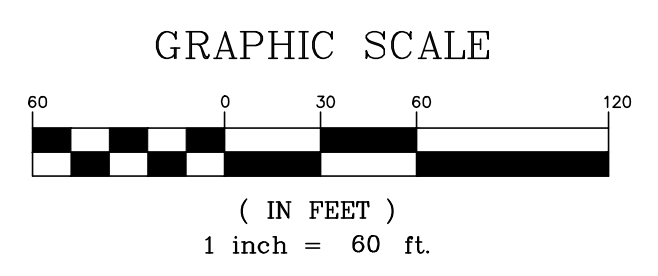


CONSTRUCTION SEQUENCE

- SURVEY AND STAKE LIMITS OF ALL CLEARING.
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON PLANS.
- INSTALL SILT FENCE, EROSION CONTROL MIX BERM AND ANY ADDITIONAL BMP EROSION CONTROL MEASURES AS SHOWN ON PLANS.
- CLEAR TREES AND BRUSH AS SHOWN ON THE PLANS.
- CONSTRUCT TEMPORARY SILT BASINS, CULVERTS, AND DIVERSION CHANNELS AS REQUIRED UNTIL PERMANENT STRUCTURES ARE STABILIZED.
- STUMP, GRUB AND REMOVE ANY SURFACE STRUCTURES WITHIN THE LIMITS OF THE CHAINLINK FENCING AND ACCESS ROAD AREAS AS SHOWN.
- CONSTRUCT 14' WIDE GRAVEL ACCESS ROADS AS SHOWN.
- SPREAD NATIVE TOPSOIL WITHIN LIMITS OF SOLAR ARRAY. MAINTAIN EXISTING ELEVATIONS AND DRAINAGE PATTERNS.
- INSTALL SOLAR PANELS, UNDERGROUND CONDUIT, PV INVERTERS, AND POWER POLES.
- INSTALL 7' HIGH CHAINLINK SECURITY FENCING AND GATES AROUND THE PERIMETER OF THE SITE.
- APPLY EROSION CONTROL LOW HEIGHT GRASS MIX TO ALL DISTURBED AREAS THROUGHOUT THE SITE.
- REMOVE ALL TEMPORARY EROSION CONTROL MEASURES WHEN THE SITE IS STABILIZED.

LEGEND

	SUBJECT PROPERTY LINE
	BUILDING SETBACK
	ABUTTER PROPERTY LINE
	ZONING LINE
	TAX MAP - LOT
	PROPOSED TREELINE
	PROPOSED SPRUCE TREES
	MAJOR CONTOUR
	MINOR CONTOUR
	DRAINAGE FLOW ARROW
	MULCH BERM/SILT FENCE
	CHAINLINK FENCING
	UNDERGROUND ELECTRIC
	OVERHEAD WIRES
	UTILITY POLE
	SOLAR PANELS
	GRAVEL ACCESS ROAD



NOT FOR CONSTRUCTION

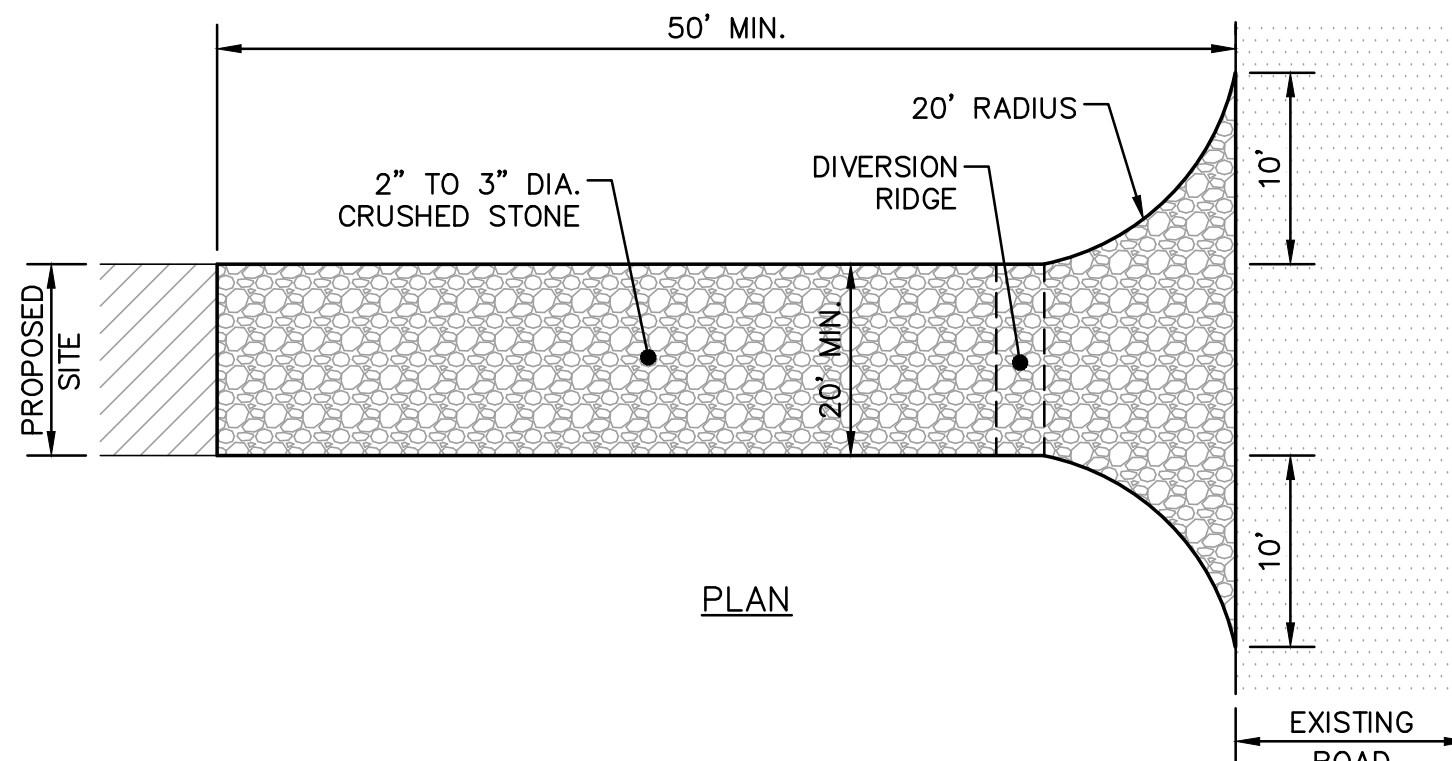
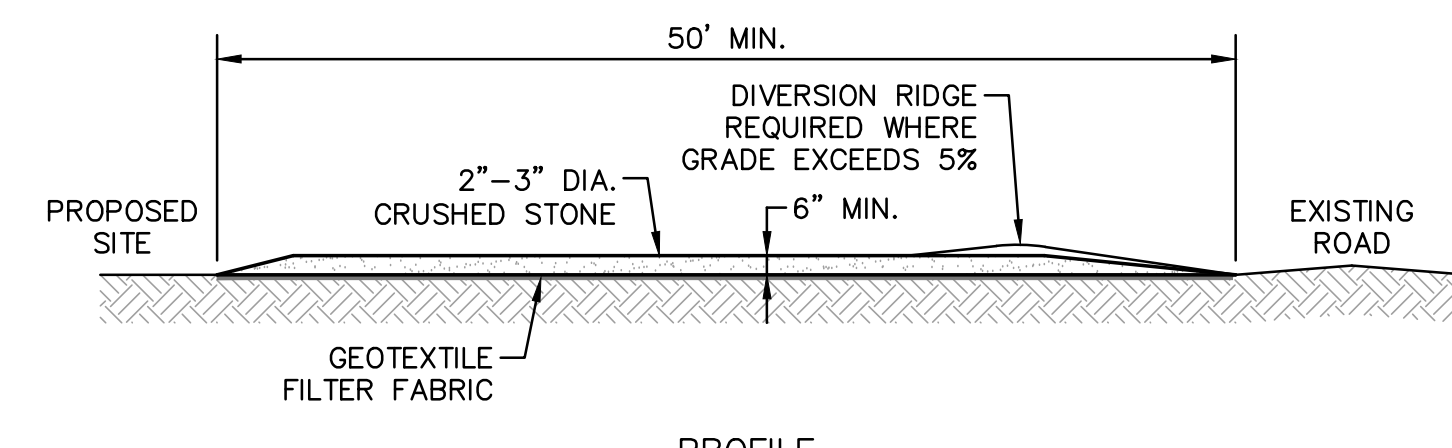
NO.	REV.	DATE	DESCRIPTION
1	WRD	03/23/21	ISSUED FOR PRELIMINARY COORDINATION
1	MJG		DRAFT PLANS -
1	SMT		DESIGNED BY
1	AS SHOWN	MARCH 23, 2021	SCALE:

APPLICANT	NBD SOLAR MAINE, LLC 120 FRONT STREET MARION, MA 02738
PROJECT	PROPOSED SOLAR FACILITY 0 US ROUTE 1 (LOTS 23-48 & 23-64) FREEPORT, ME 04032
SITE & EROSION CONTROL PLAN	
C3	
PROJECT NO. 565400.39	
SHEET 3 OF 5	

EROSION CONTROL NOTES:

- POLLUTION PREVENTION.** MINIMIZE DISTURBED AREAS AND PROTECT NATURAL DOWNGRADE BUFFER AREAS TO THE EXTENT PRACTICABLE. CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE SOIL EROSION. MINIMIZE THE DISTURBANCE OF STEEP SLOPES. CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOW RATES AND VOLUME, TO MINIMIZE EROSION AT OUTLETS. THE DISCHARGE MAY NOT RESULT IN EROSION OF ANY OPEN DRAINAGE CHANNELS, SWALES, STREAM CHANNELS OR STREAM BANKS, UPLAND, OR COASTAL OR FRESHWATER WETLANDS OFF THE PROJECT SITE. WHENEVER PRACTICABLE, NO DISTURBANCE ACTIVITIES SHOULD TAKE PLACE WITHIN 50 FEET OF ANY PROTECTED NATURAL RESOURCE. IF DISTURBANCE ACTIVITIES TAKE PLACE BETWEEN 30 FEET AND 50 FEET OF ANY PROTECTED NATURAL RESOURCE, AND STORMWATER DISCHARGES THROUGH THE DISTURBED AREAS TOWARD THE PROTECTED NATURAL RESOURCE, PERIMETER EROSION CONTROLS MUST BE DOUBLED. IF DISTURBANCE ACTIVITIES TAKE PLACE LESS THAN 30 FEET FROM ANY PROTECTED NATURAL RESOURCE, AND STORMWATER DISCHARGES THROUGH THE DISTURBED AREAS TOWARD THE PROTECTED NATURAL RESOURCE, PERIMETER EROSION CONTROLS MUST BE DOUBLED AND DISTURBED AREAS MUST BE TEMPORARILY OR PERMANENTLY STABILIZED WITHIN 7 DAYS.
- SEDIMENT BARRIERS.** PRIOR TO CONSTRUCTION, PROPERLY INSTALL SEDIMENT BARRIERS AT THE DOWNGRADE EDGE OF ANY AREA TO BE DISTURBED AND ADJACENT TO ANY DRAINAGE CHANNELS WITHIN THE DISTURBED AREA. SEDIMENT BARRIERS SHOULD BE INSTALLED DOWNGRADE OF SOIL OR SEDIMENT STOCKPILES AND STORMWATER PREVENTED FROM RUNNING ONTO THE STOCKPILE. MAINTAIN THE SEDIMENT BARRIERS BY REMOVING ACCUMULATED SEDIMENT, OR REMOVING AND REPLACING THE BARRIER, UNTIL THE DISTURBED AREA IS PERMANENTLY STABILIZED. WHERE A DISCHARGE TO A STORM DRAIN INLET OCCURS, IF THE STORM DRAIN CARRIES WATER DIRECTLY TO A SURFACE WATER AND YOU HAVE AUTHORITY TO ACCESS THE STORM DRAIN INLET, YOU MUST INSTALL AND MAINTAIN PROTECTION MEASURES THAT REMOVE SEDIMENT FROM THE DISCHARGE.
- STABILIZED CONSTRUCTION ENTRANCE.** PRIOR TO CONSTRUCTION, PROPERLY INSTALL A STABILIZED CONSTRUCTION ENTRANCE (SCE) AT ALL POINTS OF EGRESS FROM THE SITE. THE SCE IS A STABILIZED PAD OF AGGREGATE, UNDERLAIN BY A GEOTEXTILE FILTER FABRIC, USED TO PREVENT TRAFFIC FROM TRACKING MATERIAL AWAY FROM THE SITE ONTO PUBLIC ROWS. MAINTAIN THE SCE UNTIL ALL DISTURBED AREAS ARE STABILIZED.
- TEMPORARY STABILIZATION.** WITHIN 7 DAYS OF THE CESSATION OF CONSTRUCTION ACTIVITIES IN AN AREA THAT WILL NOT BE WORKED FOR MORE THAN 7 DAYS, STABILIZE ANY EXPOSED SOIL WITH MULCH, OR OTHER NON-ERODIBLE COVER. STABILIZE AREAS WITHIN 75 FEET OF A WETLAND OR WATERBODY WITHIN 48 HOURS OF THE INITIAL DISTURBANCE OF THE SOIL OR PRIOR TO ANY STORM EVENT, WHICHEVER COMES FIRST.
- REMOVAL OF TEMPORARY MEASURES.** REMOVE ANY TEMPORARY CONTROL MEASURES, SUCH AS SILT FENCE, WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED. REMOVE ANY ACCUMULATED SEDIMENTS AND STABILIZE.
- PERMANENT STABILIZATION.** IF THE AREA WILL NOT BE WORKED FOR MORE THAN ONE YEAR OR HAS BEEN BROUGHT TO FINAL GRADE, THEN PERMANENTLY STABILIZE THE AREA WITHIN 7 DAYS BY PLANTING VEGETATION, SEEDING SOIL, OR THROUGH THE USE OF PERMANENT MULCH, OR RIP-RAP, OR ROAD SUB-BASE. IF USING VEGETATION FOR STABILIZATION, SELECT THE PROPER VEGETATION FOR THE LIGHT, MOISTURE, AND SOIL CONDITIONS; AMEND AREAS OF DISTURBED SUBSOILS WITH TOPSOIL, COMPOST, OR FERTILIZERS; PROTECT SEEDING AREAS WITH MULCH OR, IF NECESSARY, EROSION CONTROL BLANKETS; AND SCHEDULE SODDING, PLANTING, AND SEEDING SO TO AVOID DIE-OFF FROM SUMMER DROUGHT AND FALL FROSTS. NEWLY SEEDING OR SODDED AREAS MUST BE PROTECTED FROM VEHICLE TRAFFIC, EXCESSIVE PEDESTRIAN TRAFFIC, AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL-ESTABLISHED WITH 90% COVER BY HEALTHY VEGETATION. IF NECESSARY, AREAS MUST BE REWORKED AND RESTABILIZED IF GERMINATION IS SPARSE, PLANT COVERAGE IS SPOTTY, OR TOPSOIL EROSION IS EVIDENT. ONE OR MORE OF THE FOLLOWING MAY APPLY TO A PARTICULAR SITE.
 - SODDED AREAS. FOR SODDED AREAS, PERMANENT STABILIZATION MEANS THE COMPLETE BINDING OF THE SOD ROOTS INTO THE UNDERLYING SOIL WITH NO SLUMPING OF THE SOD OR DIE-OFF.
 - PERMANENT MULCH. FOR MULCHED AREAS, PERMANENT MULCHING MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL. EROSION CONTROL MIX MAY BE USED AS MULCH FOR PERMANENT STABILIZATION ACCORDING TO THE APPROVED APPLICATION RATES AND LIMITATIONS.
 - RIP-RAP. FOR AREAS STABILIZED WITH RIP-RAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIP-RAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR APPROVED GEOTEXTILE TO PREVENT SOIL MOVEMENT FROM BEHIND THE RIP-RAP. STONE MUST BE SIZED APPROPRIATELY. IT IS RECOMMENDED THAT ANGULAR STONE BE USED.
 - AGRICULTURAL USE. FOR CONSTRUCTION PROJECTS ON LAND USED FOR AGRICULTURAL PURPOSES (E.G., PIPELINES ACROSS CROP LAND), PERMANENT STABILIZATION MAY BE ACCOMPLISHED BY RETURNING THE DISTURBED LAND TO AGRICULTURAL USE.
 - PAVED AREAS. FOR PAVED AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF THE COMPACTED GRAVEL SUB-BASE IS COMPLETED, PROVIDED IT IS FREE OF FINE MATERIALS THAT MAY RUNOFF WITH A RAIN EVENT
 - DITCHES, CHANNELS, AND SWALES. FOR OPEN CHANNELS, PERMANENT STABILIZATION MEANS THE CHANNEL IS STABILIZED WITH A 90% COVER OF HEALTHY VEGETATION, WITH A WELL-GRADED RIP-RAP LINING, TURF REINFORCEMENT MAT, OR WITH ANOTHER NON-EROSIVE LINING SUCH AS CONCRETE OR ASPHALT PAVEMENT. THERE MUST BE NO EVIDENCE OF SLUMPING OF THE CHANNEL LINING, UNDERCUTTING OF THE CHANNEL BANKS, OR DOWN-CUTTING OF THE CHANNEL.

- WINTER CONSTRUCTION.** "WINTER CONSTRUCTION" IS CONSTRUCTION ACTIVITY PERFORMED DURING THE PERIOD FROM NOVEMBER 1 THROUGH APRIL 15. IF DISTURBED AREAS ARE NOT STABILIZED WITH PERMANENT MEASURES BY NOVEMBER 1 OR NEW SOIL DISTURBANCE OCCURS AFTER NOVEMBER 1, BUT BEFORE APRIL 15, THEN THESE AREAS MUST BE PROTECTED AND RUNOFF FROM THEM MUST BE CONTROLLED BY ADDITIONAL MEASURES AND RESTRICTIONS.
 - SITE STABILIZATION. FOR WINTER STABILIZATION, HAY MULCH IS APPLIED AT TWICE THE STANDARD TEMPORARY STABILIZATION RATE. AT THE END OF EACH CONSTRUCTION DAY, AREAS THAT HAVE BEEN BROUGHT TO FINAL GRADE MUST BE STABILIZED. MULCH MAY NOT BE SPREAD ON TOP OF SNOW.
 - SEDIMENT BARRIERS. ALL AREAS WITHIN 75 FEET OF A PROTECTED NATURAL RESOURCE MUST BE PROTECTED WITH A DOUBLE ROW OF SEDIMENT BARRIERS.
 - DITCH. ALL VEGETATED DITCH LINES THAT HAVE NOT BEEN STABILIZED BY NOVEMBER 1, OR WILL BE WORKED DURING THE WINTER CONSTRUCTION PERIOD, MUST BE STABILIZED WITH AN APPROPRIATE STONE LINING BACKED BY AN APPROPRIATE GRAVEL BED OR GEOTEXTILE UNLESS SPECIFICALLY RELEASED FROM THIS STANDARD BY THE DEPARTMENT.
 - SLOPES. MULCH NETTING MUST BE USED TO ANCHOR MULCH ON ALL SLOPES GREATER THAN 8% UNLESS EROSION CONTROL BLANKETS OR EROSION CONTROL MIX IS BEING USED ON THESE SLOPES.
- STORMWATER CHANNELS, DITCHES, SWALES, AND OTHER OPEN STORMWATER CHANNELS.** MUST BE DESIGNED, CONSTRUCTED, AND STABILIZED USING MEASURES THAT ACHIEVE LONG-TERM EROSION CONTROL. DITCHES, SWALES AND OTHER OPEN STORMWATER CHANNELS MUST BE SIZED TO HANDLE, AT A MINIMUM, THE EXPECTED VOLUME RUN-OFF. EACH CHANNEL SHOULD BE CONSTRUCTED IN SECTIONS SO THAT THE SECTION'S GRADING, SHAPING, AND INSTALLATION OF THE PERMANENT LINING CAN BE COMPLETED THE SAME DAY. IF A CHANNEL'S FINAL GRADING OR LINING INSTALLATION MUST BE DELAYED, THEN DIVERSION BERMS MUST BE USED TO DIVERT STORMWATER AWAY FROM THE CHANNEL. PROPERLY-SPACED CHECK DAMS MUST BE INSTALLED IN THE CHANNEL TO SLOW THE WATER VELOCITY, AND A TEMPORARY LINING INSTALLED ALONG THE CHANNEL TO PREVENT SCOURING. PERMANENT STABILIZATION FOR CHANNELS IS ADDRESSED UNDER APPENDIX A(5)(G) ABOVE.
 - THE CHANNEL SHOULD RECEIVE ADEQUATE ROUTINE MAINTENANCE TO MAINTAIN CAPACITY AND PREVENT OR CORRECT ANY EROSION OF THE CHANNEL'S BOTTOM OR SIDE SLOPES.
 - WHEN THE WATERSHED DRAINING TO A DITCH OR SWALE IS LESS THAN 1 ACRE OF TOTAL DRAINAGE AND LESS THAN ¼ ACRE OF IMPERVIOUS AREA, DIVERSION OF RUNOFF TO ADJACENT WOODED OR OTHERWISE VEGETATED BUFFER AREAS IS ENCOURAGED WHERE THE OPPORTUNITY EXISTS.
- SEDIMENT BASINS.** SEDIMENT BASINS MUST BE DESIGNED TO PROVIDE STORAGE FOR EITHER THE CALCULATED RUNOFF FROM A 2-YEAR, 24-HOUR STORM OR PROVIDE FOR 3,600 CUBIC FEET OF CAPACITY PER ACRE DRAINING TO THE BASIN. OUTLET STRUCTURES MUST DISCHARGE WATER FROM THE SURFACE OF THE BASIN WHENEVER POSSIBLE. EROSION CONTROLS AND VELOCITY DISSIPATION DEVICES MUST BE USED IF THE DISCHARGING WATERS ARE LIKELY TO CREATE EROSION. ACCUMULATED SEDIMENT MUST BE REMOVED AS NEEDED FROM THE BASIN TO MAINTAIN AT LEAST ½ OF THE DESIGN CAPACITY OF THE BASIN. THE USE OF CATIONIC TREATMENT CHEMICALS, SUCH AS POLYMERS, FLOCCULANTS, OR OTHER CHEMICALS THAT CONTAIN AN OVERALL POSITIVE CHARGE DESIGNED TO REDUCE TURBIDITY IN STORMWATER MUST RECEIVE PRIOR APPROVAL FROM THE DEPARTMENT. WHEN REQUESTING APPROVAL TO USE CATIONIC TREATMENT CHEMICALS, YOU MUST DESCRIBE APPROPRIATE CONTROLS AND IMPLEMENTATION PROCEDURES TO ENSURE THE USE WILL NOT LEAD TO A VIOLATION OF WATER QUALITY STANDARDS. IN ADDITION, YOU MUST SPECIFY THE TYPE(S) OF SOIL LIKELY TO BE TREATED ON THE SITE, CHEMICALS TO BE USED AND HOW THEY ARE TO BE APPLIED AND IN WHAT QUANTITY, ANY MANUFACTURER'S RECOMMENDATIONS, AND ANY TRAINING HAD BY PERSONNEL WHO WILL HANDLE AND APPLY THE CHEMICALS.
- ROADS, GRAVEL AND PAVED ROADS** MUST BE DESIGNED AND CONSTRUCTED WITH CROWNS OR OTHER MEASURES, SUCH AS WATER BARS, TO ENSURE THAT STORMWATER IS DELIVERED IMMEDIATELY TO ADJACENT STABLE DITCHES, VEGETATED BUFFER AREAS, CATCH BASIN INLETS, OR STREET GUTTERS.
- CULVERTS.** CULVERTS MUST BE SIZED TO AVOID UNINTENDED FLOODING OF UPSTREAM AREAS OR FREQUENT OVERTOPPING OF ROADWAYS. CULVERT INLETS MUST BE PROTECTED WITH APPROPRIATE MATERIALS FOR THE EXPECTED ENTRANCE VELOCITY, AND PROTECTION MUST EXTEND AT LEAST AS HIGH AS THE EXPECTED MAXIMUM ELEVATION OF STORAGE BEHIND THE CULVERT. CULVERT OUTLET DESIGN MUST INCORPORATE MEASURES, SUCH AS APRONS, TO PREVENT SCOUR OF THE STREAM CHANNEL. OUTLET PROTECTION MEASURES MUST BE DESIGNED TO STAY WITHIN THE CHANNEL LIMITS. THE DESIGN MUST TAKE ACCOUNT OF TAILWATER DEPTH.
- PARKING AREAS.** PARKING AREAS MUST BE CONSTRUCTED TO ENSURE RUNOFF IS DELIVERED TO ADJACENT SWALES, CATCH BASINS, CURB GUTTERS, OR BUFFER AREAS WITHOUT ERODING AREAS DOWNSLOPE. THE PARKING AREA'S SUB-BASE COMPACTION AND GRADING MUST BE DONE TO ENSURE RUNOFF IS EVENLY DISTRIBUTED TO ADJACENT BUFFERS OR SIDE SLOPES. CATCH BASINS MUST BE LOCATED AND SET TO PROVIDE ENOUGH STORAGE DEPTH AT THE INLET TO ALLOW INFLOW OF PEAK RUNOFF RATES WITHOUT BY-PASS OF RUNOFF TO OTHER AREAS.
- ADDITIONAL REQUIREMENTS.** ADDITIONAL REQUIREMENTS MAY BE APPLIED ON A SITE-SPECIFIC BASIS.

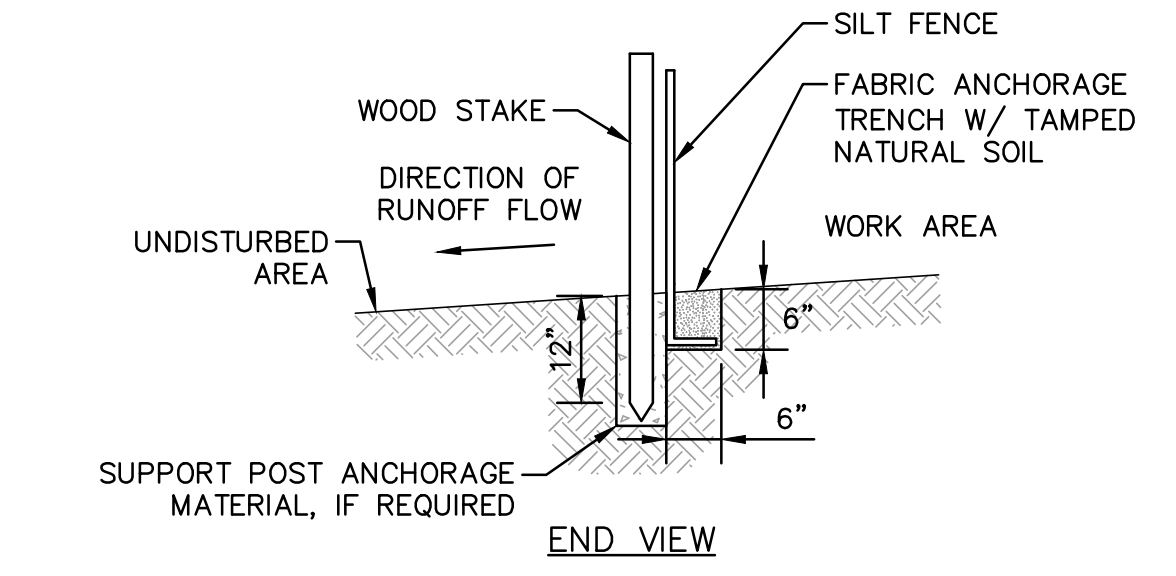
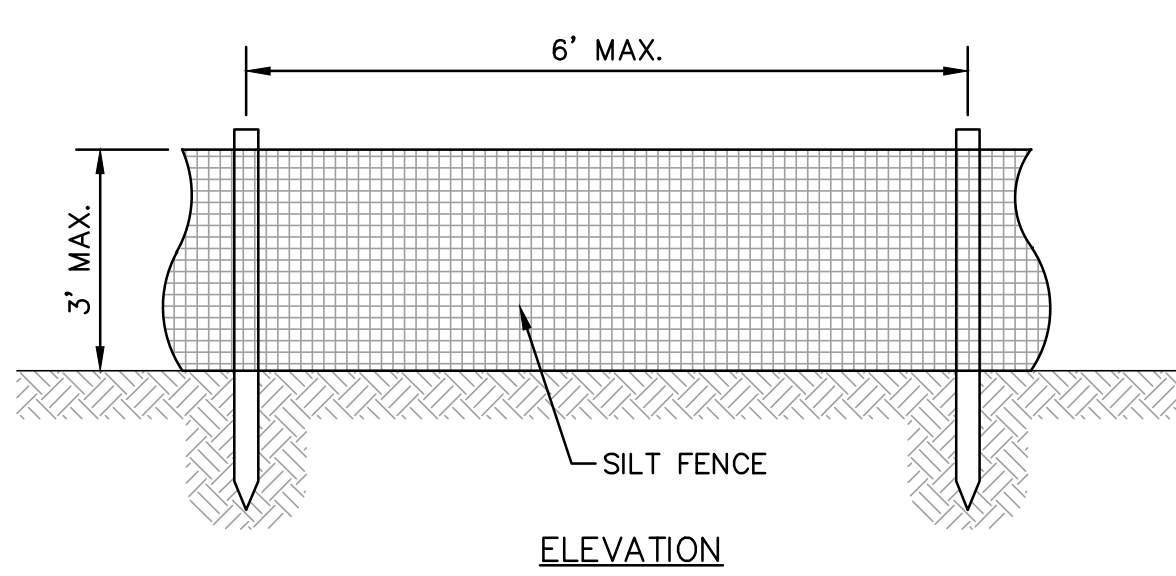


STABILIZED CONSTRUCTION ENTRANCE/EXIT NOTES:

- CONSTRUCT PAD AT THE SITE ENTRANCE(S) AS SHOWN ON THE PLANS.
- THE ENTRANCE/EXIT PAD SHALL BE A MINIMUM OF 50 FEET LONG AND 20 FT WIDE.
- THE PAD SHALL BE A MINIMUM OF 6 INCHES THICK WITH 2-3 INCH ANGULAR AGGREGATE.
- THE AGGREGATE SHALL BE PLACED OVER A GEOTEXTILE FABRIC TO PREVENT STONES FROM PUSHING INTO NATIVE SOIL.
- THE PAD SHALL BE INSPECTED WEEKLY AND BEFORE AND AFTER EACH STORM. THE PAD SHALL BE REPLACED IF THE VOIDS BECOME FILLED WITH SEDIMENT.

1 STABILIZED CONSTRUCTION ENTRANCE/EXIT DETAIL

SCALE: NONE

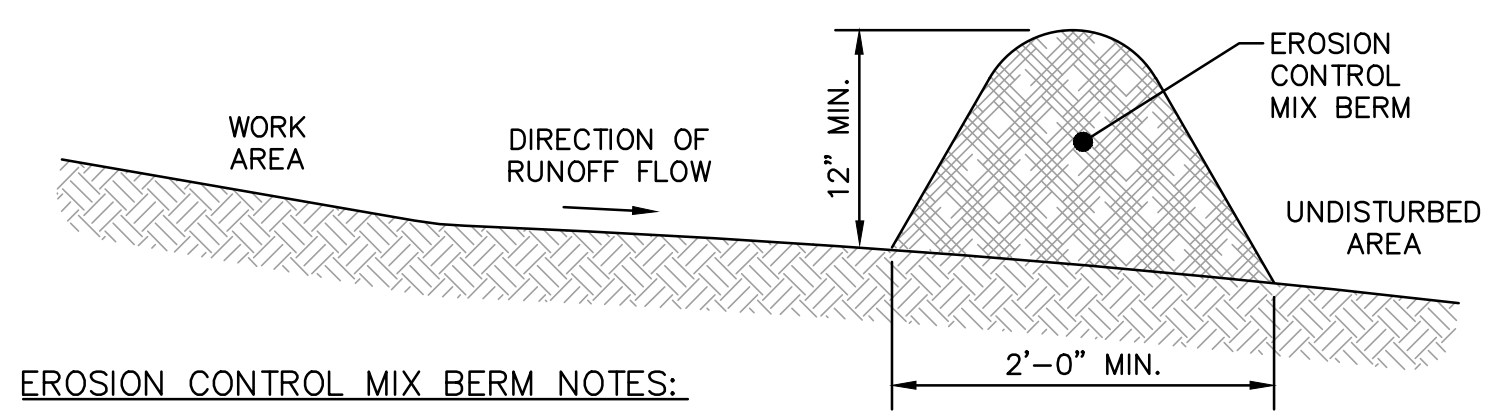


SILT FENCE NOTES:

- SPACING OF FENCE POSTS NOT TO EXCEED 6'-0".
- SILT FENCE SHALL BE INSTALLED BEFORE ANY EARTH REMOVAL OR EXCAVATION TAKES PLACE.
- FILTER FABRIC TO BE FASTENED SECURELY TO POSTS WITH WIRE TIES OR STAPLES AT TOP, MIDPOINT AND BOTTOM.
- OVERLAP BY 6". FOLD AND STAPLE ADJOINING SECTIONS OF FILTER FABRIC.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED, AND THE MATERIAL REMOVED WHEN "BULGES" DEVELOP. DO NOT DEPOSIT THE MATERIAL NEAR WETLANDS OR WATERCOURSES.
- FILTER FABRIC SHALL BE ENTRENCHED 6" MINIMUM BELOW EXISTING OR FINISHED GRADE.

2 SILT FENCE EROSION CONTROL DETAIL

SCALE: NONE

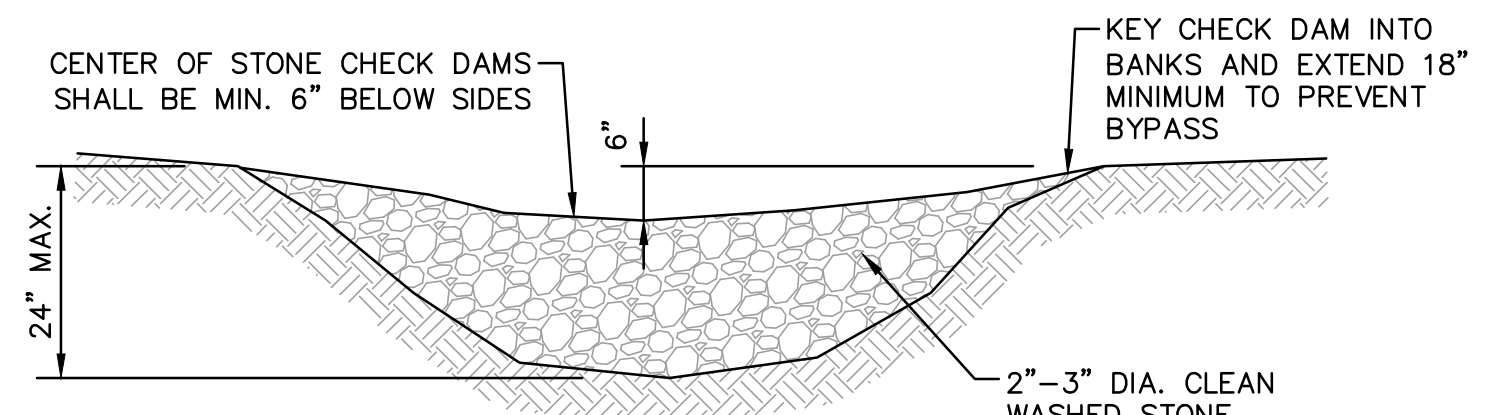


EROSION CONTROL MIX BERM NOTES:

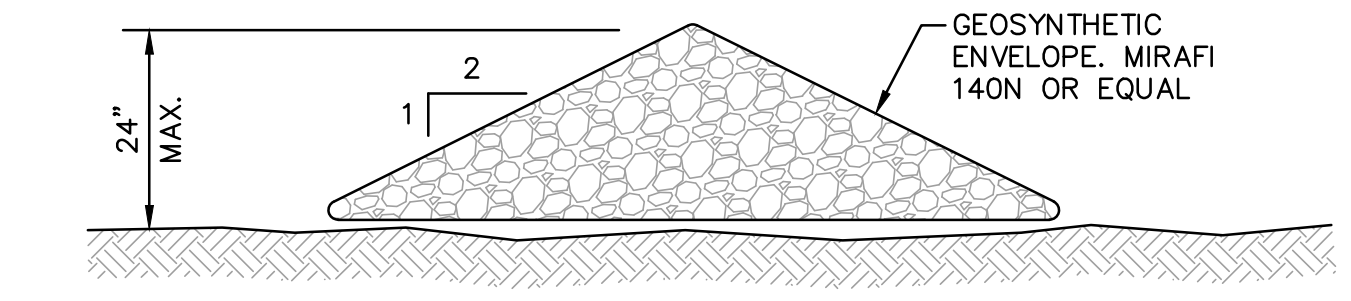
- THE BERM SHALL BE CONSTRUCTED FROM STUMP GRINDINGS, THE SOIL WITHIN THE ROOT BALL SHALL REMAIN WHEN GROUND TO ADD STRUCTURE TO THE MEDIA.
- THE BERM SHALL BE CONSTRUCTED BY HAND, MACHINERY OR PNEUMATIC BLOWER.
- TALL GRASS, BRUSH OR WOODY VEGETATION SHALL BE CUT OR REMOVED PRIOR TO INSTALLATION TO AVOID VOIDS AND BRIDGES THAT WOULD ALLOW FINE SOIL PARTICLES TO WASH AWAY.
- THE BERM SHALL BE A MINIMUM OF 12 INCHES HIGH AND A MINIMUM OF TWO FEET WIDE. ON LONGER STEEPER SLOPES, THE BERM SHALL BE HIGHER AND WIDER.

3 EROSION CONTROL MIX BERM DETAIL

SCALE: NONE



DRAINAGE WAY SECTION



DRAINAGE WAY PROFILE

L = THE DISTANCE SUCH THAT THE ELEV. A = ELEV. B.

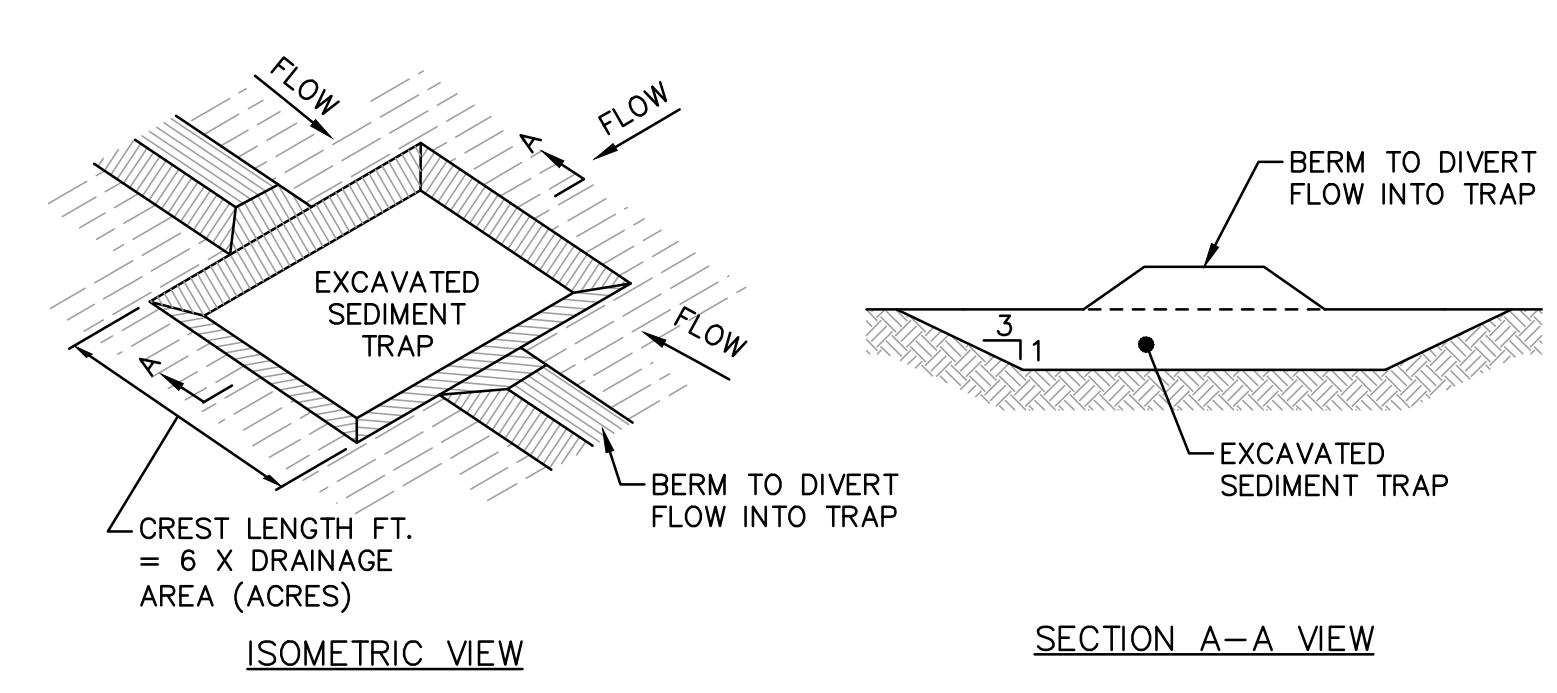
CHECK DAM SPACING

CHECK DAM NOTES:

- CHECK DAMS SHALL BE INSTALLED PRIOR TO DIRECTING RUNOFF TO THE SWALE.
- THE MAXIMUM HEIGHT OF A CHECK DAM SHALL BE 2 FEET WITH A 6 INCH DEPRESSION AT ITS CENTER FOR OVERFLOW.
- THE CHECK DAMS SHALL BE REMOVED WHEN THE SWALE IS STABILIZED WITH VEGETATION (90% COVERAGE).

4 STONE CHECK DAM DETAIL

SCALE: NONE



ISOMETRIC VIEW

SECTION A-A VIEW

SEDIMENT TRAP NOTES:

- SEDIMENT TRAPS SHALL BE CONSTRUCTED AS CLOSE AS POSSIBLE TO THE DISTURBED AREA OR SEDIMENT COURSE.
- THE MAXIMUM CONTRIBUTING DRAINAGE AREA TO THE TRAP SHALL BE LESS THAN 5 ACRES.
- THE MINIMUM VOLUME OF THE TRAP SHOULD BE 3,600 CUBIC FEET OF STORAGE FOR EACH DRAINAGE AREA.
- THE SIDE SLOPES OF THE TRAP SHOULD BE 3:1 OR FLATTER AND SHOULD BE STABILIZED IMMEDIATELY AFTER THEIR CONSTRUCTION.

5 TEMPORARY SEDIMENT TRAP DETAIL

SCALE: NONE

NOT FOR CONSTRUCTION

03/23/21 DATE

DRAFT PLANS - ISSUED FOR PRELIMINARY COORDINATION

1 REV.

WRD CHECKED BY

MJG DRAWN BY

SMT DESIGNED BY

MARCH 23, 2021 DATE

AS SHOWN SCALE

HOYLE, TANNER & ASSOCIATES, INC.

106 Lalopette Street, Unit 2D, Yarmouth, ME 04096

© Copyright 2021 Hoyle, Tanner & Associates, Inc.

NBD SOLAR MAINE, LLC

120 FRONT STREET MARION, MA 02738

PROPOSED SOLAR FACILITY 0 US ROUTE 1 (LOTS 23-48 & 25-64) FREEPORT, ME 04032

EROSION CONTROL NOTES AND DETAILS

C4

PROJECT NO. 565400.39

SHEET 4 OF 5

NOT FOR CONSTRUCTION

REV.	DESCRIPTION	DATE
1	ISSUED FOR PRELIMINARY COORDINATION	03/23/21

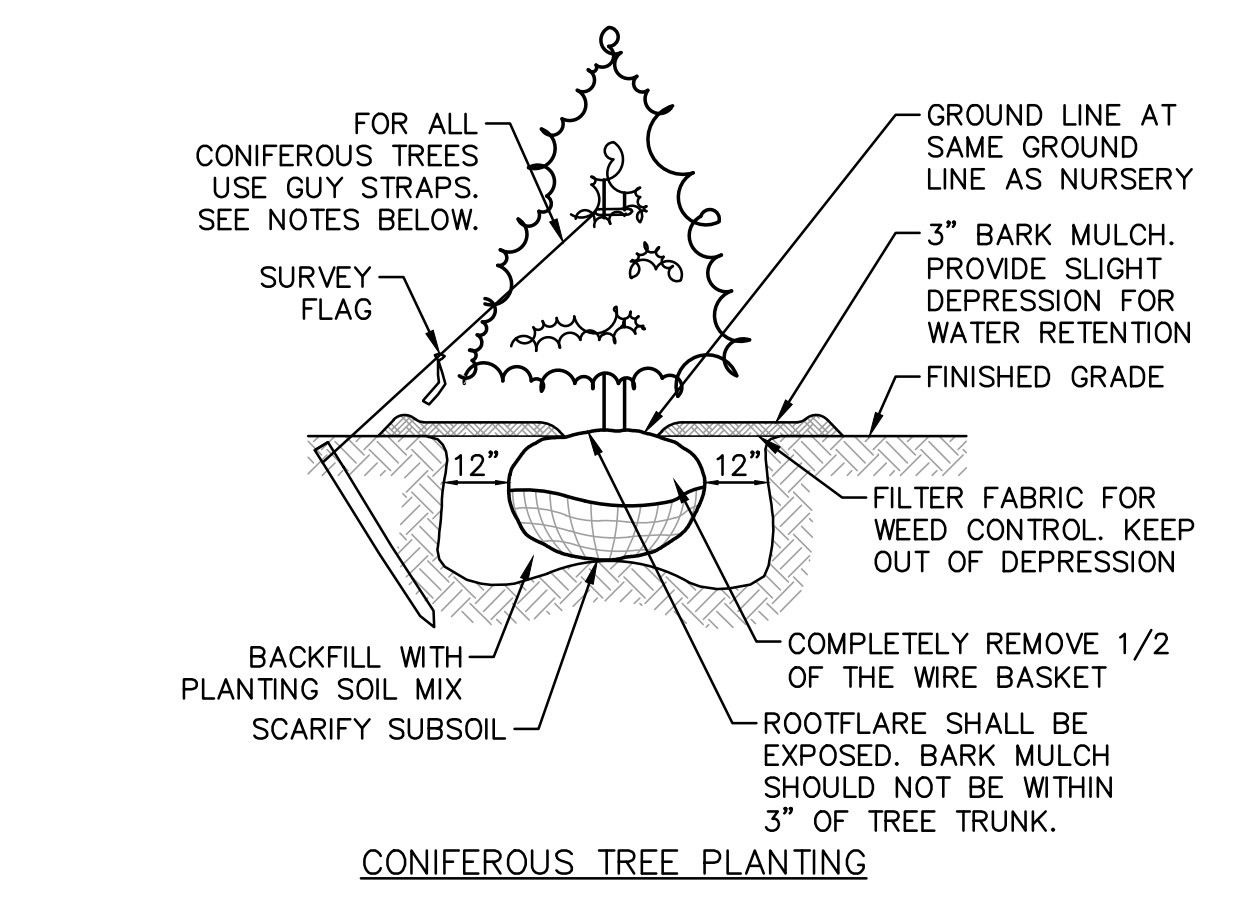
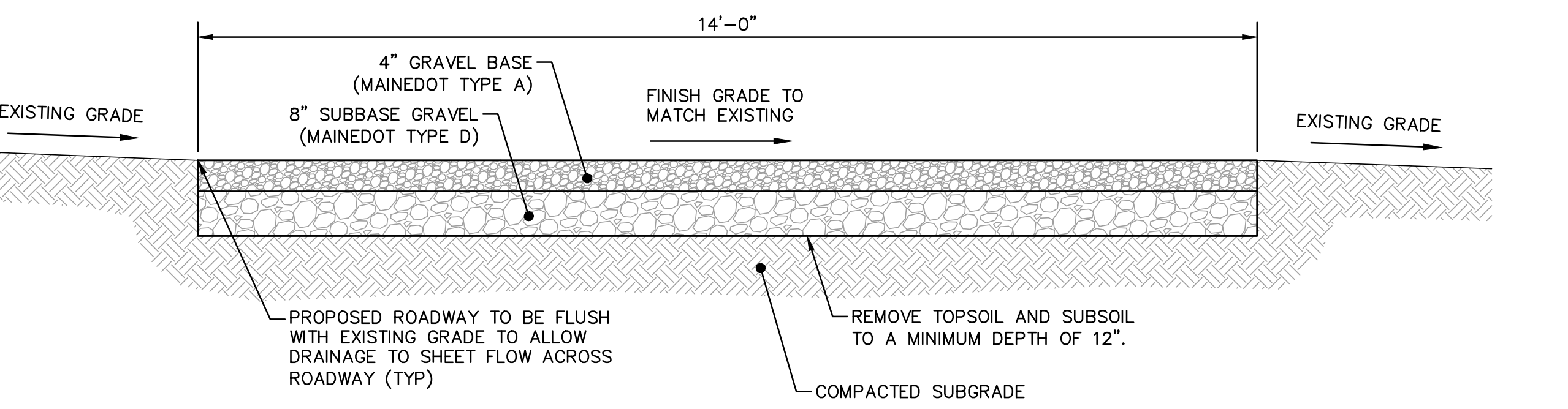
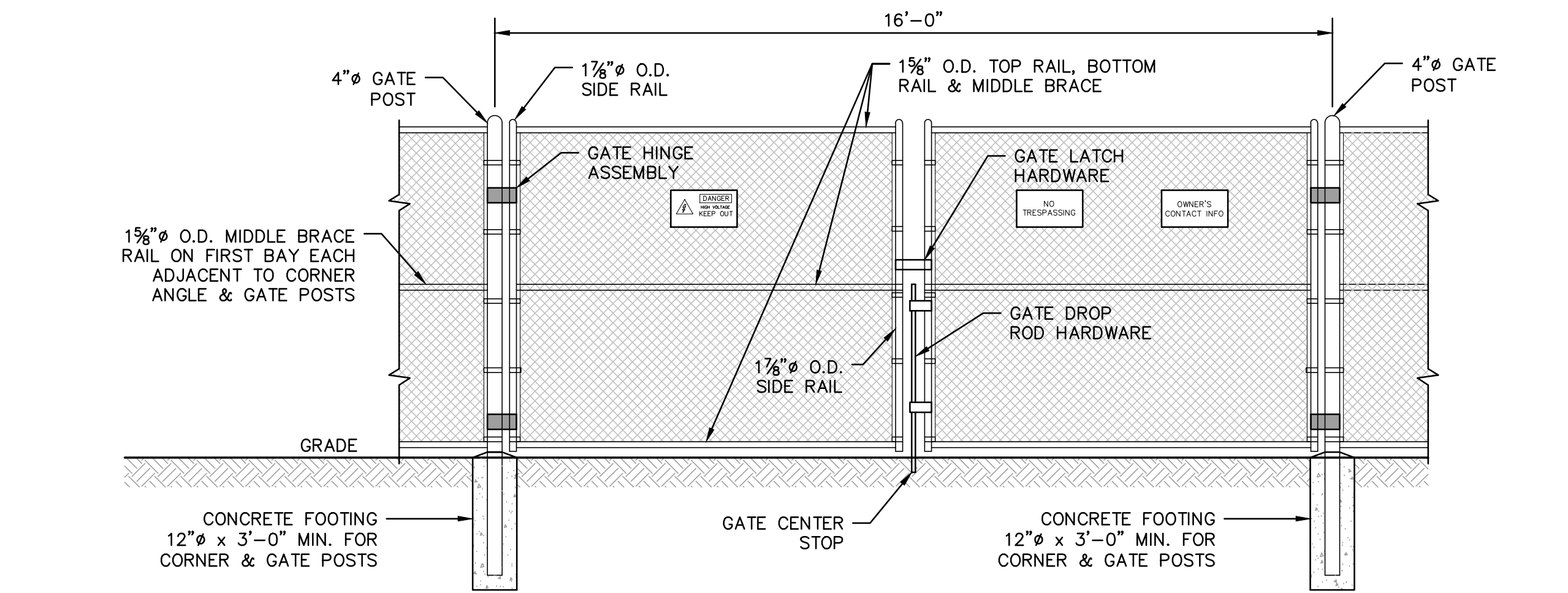
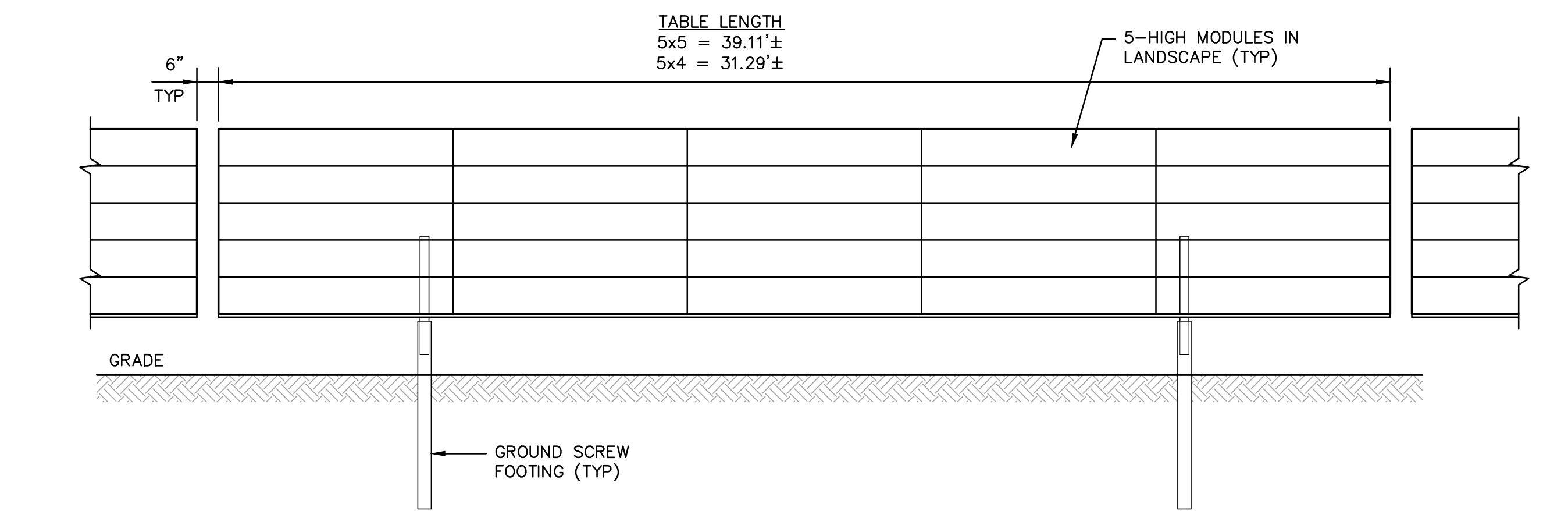
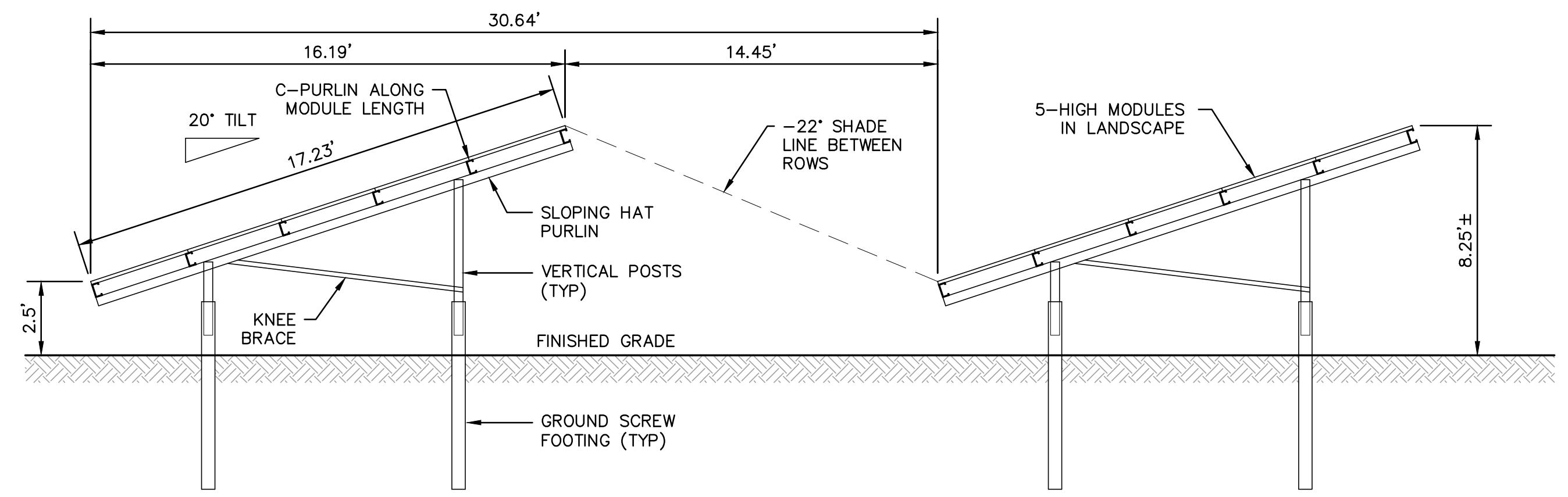
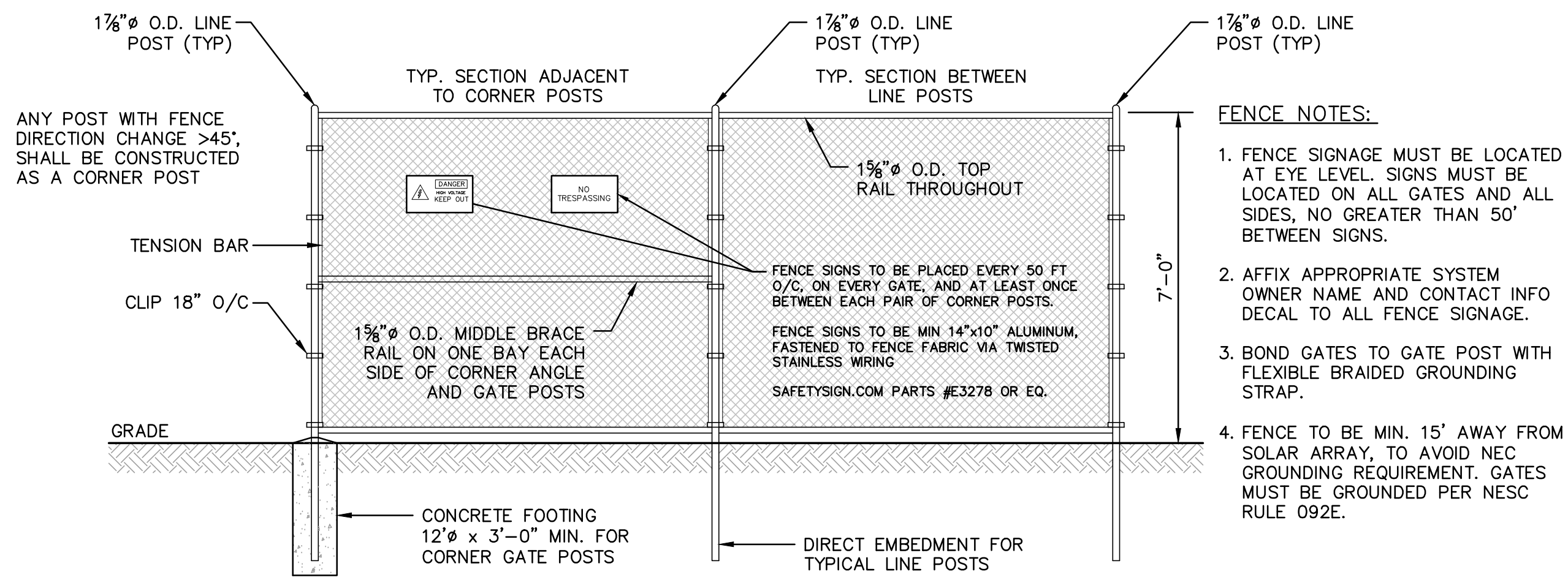
THIS DOCUMENT IS PREPARED AS AN INSTRUMENT OF SERVICE AND IS NOT TO BE USED, REPRODUCED, DISSEMINATED OR TRANSMITTED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF HOYLE, TANNER & ASSOCIATES, INC. ANY OTHER USE IS STRICTLY PROHIBITED.

DESIGNED BY: SMT
 DRAWN BY: M/JG
 CHECKED BY: WRD
 DATE: MARCH 23, 2021
 SCALE: AS SHOWN

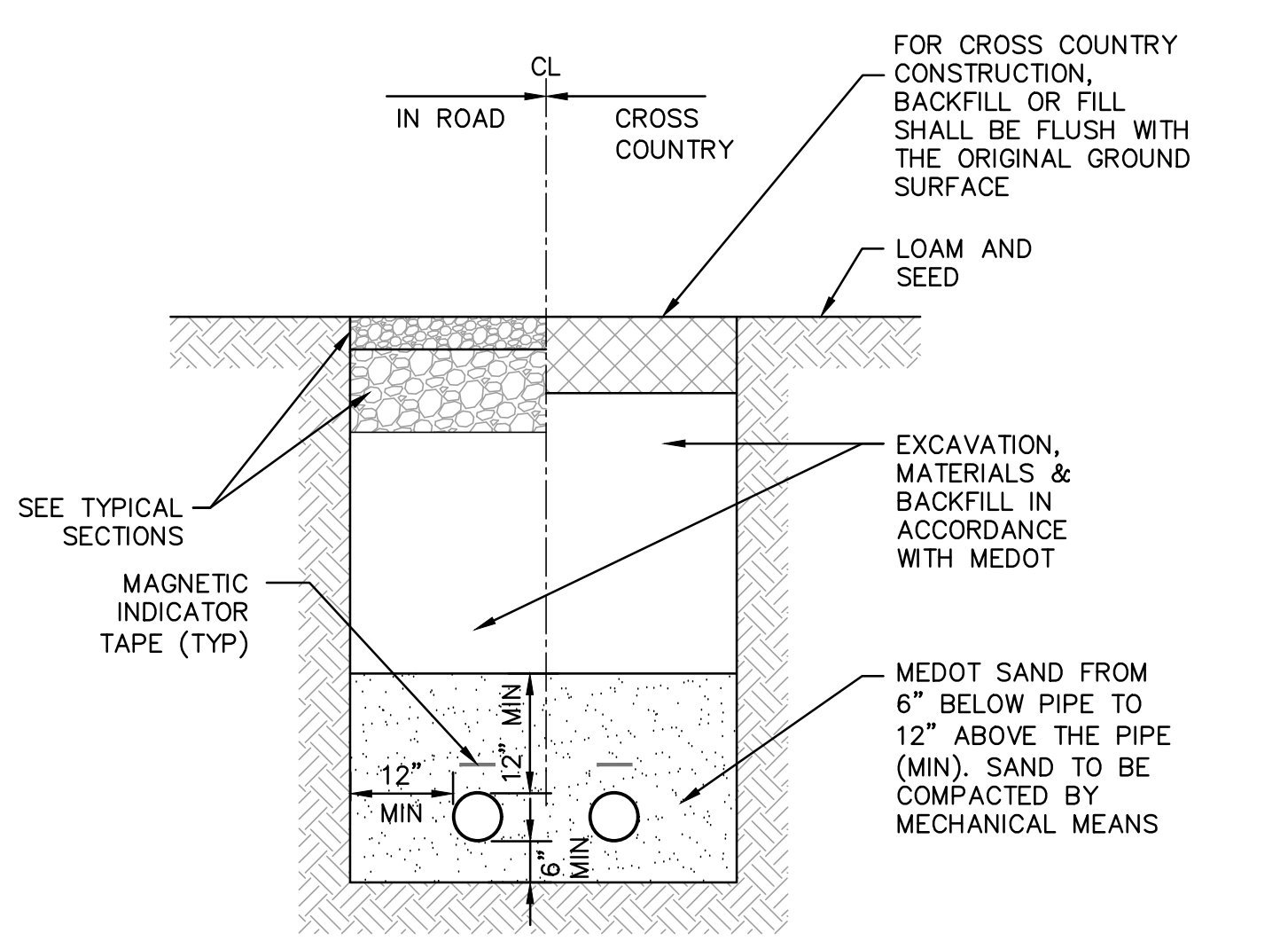
APPLICANT: NBD SOLAR MAINE, LLC
 120 FRONT STREET
 MARION, MA 02738

PROJECT: PROPOSED SOLAR FACILITY
 0 US ROUTE 1 (LOTS 23-48 & 25-64)
 FREEPORT, ME 04032

CONSTRUCTION DETAILS
C5
 PROJECT NO. 565400.39
 SHEET 5 OF 5



- LANDSCAPE NOTES:**
- ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
 - ALL TREES TO BE BALLED & BURLAPPED.
 - THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR TWO (2) FULL YEARS FROM DATE OF ACCEPTANCE.
 - NO SUBSTITUTION OF PLANT MATERIALS WILL BE ALLOWED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE OWNER.
 - PRE-PURCHASE PLANT MATERIAL AND ARRANGE FOR DELIVERY TO MEET PROJECT SCHEDULE AS REQUIRED. IT MAY BE NECESSARY TO PRE DIG CERTAIN SPECIES WELL IN ADVANCE OF ACTUAL PLANTING DATES.
 - ALL TREES SHALL BE PLANTING WITHIN THE GROWING SEASON AND NOT DURING FROZEN CONDITIONS.



- TRENCH NOTES:**
- REFER TO ELECTRICAL DRAWINGS FOR ALL CONDUIT ROUTING, SIZE, CONFIGURATIONS, NUMBER OF CONDUITS, SPACING AND SPECIFICATIONS.
 - WHERE TRENCH DOES NOT CROSS THE DRIVEWAY, THE MINIMUM BURIAL DEPTH SHALL BE 18" TO TOP OF PIPE.
 - WHERE THE TRENCH CROSSES OR IS ROUTED WITH THE GRAVEL ROAD, THERE SHALL BE A MINIMUM OF 2 FT OF COVER FROM TOP OF PIPE TO BOTTOM OF GRAVEL ROAD LAYER.
 - CONDUIT ROUTING SHALL BE A MINIMUM OF 2 FT AWAY FROM ALL TERRASMAST RACKING SYSTEM POSTS.

