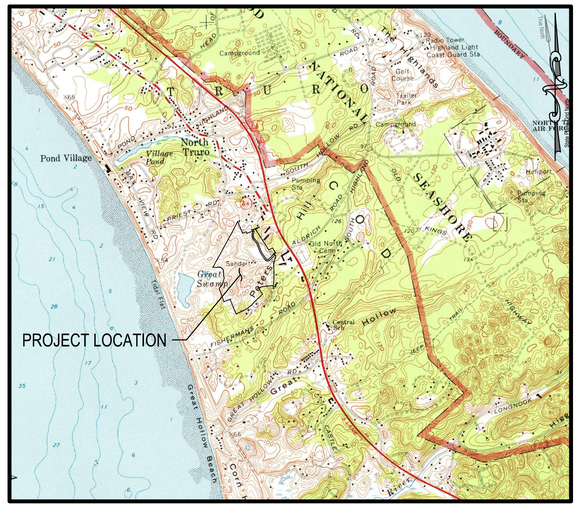
PROPOSED SOLAR PV DEVELOPMENT

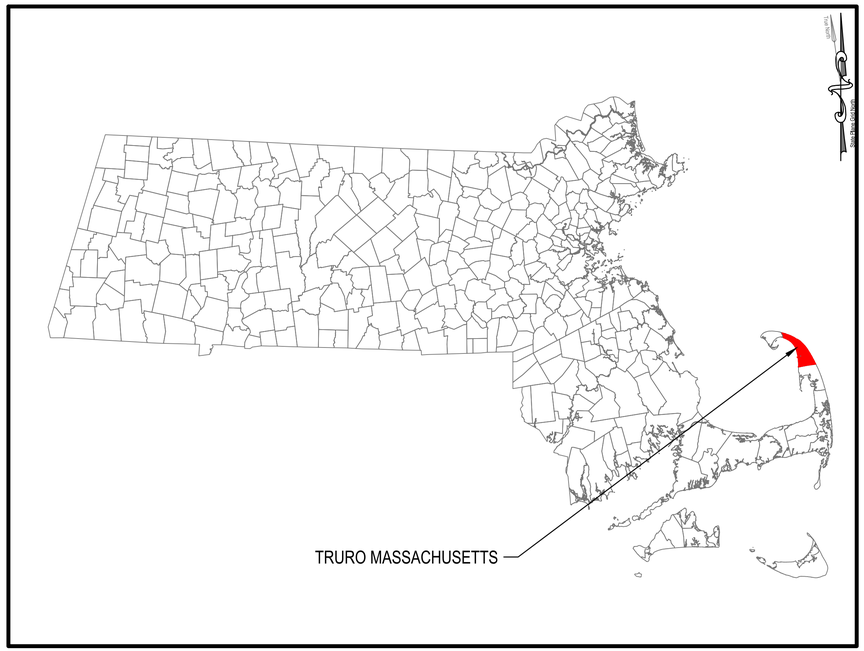
7.55 MW (DC) PHOTOVOLTIC SOLAR ARRAY WITH BATTERY ENERGY STORAGE SYSTEM (BESS)

9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652



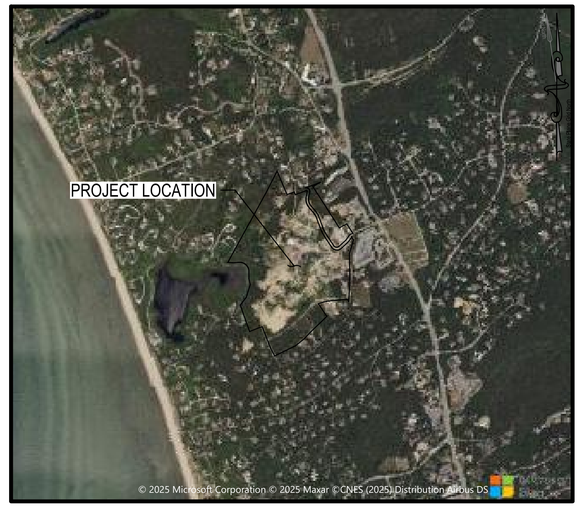
SITE LOCUS MAP

1" = 3,000'±



STATE MUNICIPAL MAP

NOT TO SCALE



SITE AERIAL MAP

1" = 2,000'

DRAWING INDEX

DRAWING NO.	DRAWING TITLE
	General
G001	COVER SHEET
G002	GENERAL NOTES
	Survey
–	EXISTING CONDITIONS - BOUNDARY SURVEY
	Civil
C001	NOTES AND SPECIFICATIONS
C101	SOIL EROSION AND SEDIMENTATION CONTROL PLAN
C102	OVERALL SITE LAYOUT AND GRADING PLAN
C103	SITE LAYOUT AND GRADING PLAN
C104	SITE LAYOUT AND GRADING PLAN
C105	SITE LAYOUT AND GRADING PLAN
C106	SITE LAYOUT AND GRADING PLAN
C501	SOIL EROSION AND SEDIMENTATION CONTROL DETAILS
C502	CIVIL DETAILS
C503	CIVIL DETAILS

ZONING ANALYSIS TABLE

ZONING DISTRICT:
ROUT 6 GENERAL BUSINESS, (Rt6) & RESIDENTIAL, (R) ZONES

ZONE CRITERIA	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA (SOLAR)	33,750 SF (2 ACRES)	7,234,787 SF	1,901,181 SF
MINIMUM LOT FRONTAGE	150 FEET	610 FEET (2)	610 FEET(2)
MIN. FRONT SETBACK (SOLAR)	25 FEET (50 FEET)	183 FEET	TBD
MIN. SIDE SETBACK (SOLAR)	25 FEET (50 FEET)	96 FEET	TBD
MIN. REAR SETBACK (SOLAR)	25 FEET (50 FEET)	172 FEET	TBD
MAX. BUILDING HEIGHT	30 FEET (2 STORIES)	2 STORIES	N/A

NOTES:
1) Zoning requirements for large-scale ground-mounted solar photovoltaic installations referenced in Town of Truro Zoning Bylaw Section 40.7 G.
2) FRONTAGE ON NOONS DRIVE.

NOT FOR CONSTRUCTION

Project:
PROPOSED SOLAR PV DEVELOPMENT
9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652

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811 Know what's Below. Call before you dig.

No.	Description	Date
1	LAYOUT CHANGES	4/17/26
0	ISSUED FOR PERMITTING	12/31/25

Revisions

Seal:
COMMONWEALTH OF MASSACHUSETTS
MELINDA COSTELLO
CIVIL
No. 52956
PROFESSIONAL ENGINEER
4/17/2026

Issued For:
PERMITTING

Issued Date:	12/31/2025
Scale:	AS NOTED
Drawn By:	RJR
Reviewed By:	BMG
Approved By:	MRC
W&S Project No.:	ENG25-1122

Drawing Title:
COVER SHEET

Sheet Number:
G001

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P:\Projects\engr\Architect, Hall Land_p\A-1 Active Work\Boston\Hall\Civil\sheets\01 sheets\01 G001 Cover Sheet.dwg

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL CALL DIG SAFE AT 811 OR 1-888-DIG-SAFE AT LEAST 72 HOURS, SATURDAYS, SUNDAYS, AND HOLIDAYS EXCLUDED, PRIOR TO EXCAVATING AT ANY LOCATION. A COPY OF THE DIG SAFE PROJECT REFERENCE NUMBER(S) SHALL BE GIVEN TO THE OWNER PRIOR TO EXCAVATION.
2. LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES, FOUNDATIONS AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN.
3. STONE WALLS, FENCES, CURBS, ETC., SHALL BE REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK, UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
4. ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND THE PROJECT AREA SHALL BE RESTORED.
5. NOTHING SHOWN OR OMITTED FROM THE DOCUMENTS PROVIDED SHALL RELIEVE THE CONTRACTOR FROM FULL COMPLIANCE WITH ALL APPLICABLE CODES, REGULATIONS, BYLAWS, AND ORDINANCES.
6. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS, INCLUDING TOPOGRAPHY, PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN SITE CONDITIONS AND THE DESIGN PLANS SHALL BE REPORTED TO THE ENGINEEER UPON DISCOVERY.
7. ELECTRICAL DESIGN, INCLUDING UTILITY POLES, BY OTHERS. POI UTILITY POLE LINE UP SHOWN ON THE PLANS FOR REFERENCE ONLY. SEE ELECTRICAL PLANS BY OTHERS FOR FINAL LOCATION AND CONFIGURATION OF POINT OF INTERCONNECTION (POI) UTILITY POLES. UTILITY POLE LOCATIONS ARE SUBJECT TO FINAL DESIGN AND MAY CHANGE FROM LOCATIONS SHOWN ON THIS PLAN. FINAL LOCATIONS SHALL BE SHOWN ON SITE PLANS INCLUDED WITH THE PROJECTS BUILDING PERMIT APPLICATION.
8. SOLAR ARRAY IS SUBJECT TO FINAL DESIGN BUT SHALL REMAIN WITHIN THE PROPOSED LIMIT OF WORK.
9. THE PROJECT SITE HAS A MASS DEP RELEASE TRACKING NUMBER (RTN) RTN-4-50366. ALL EARTHWORK OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE REGULATIONS INCLUDING THE MASSACHUSETTS CONTINGENCY PLAN (MCP) 310CMR 40.0000. A LICENSED SITE PROFESSIONAL (LSP) SHALL OVERSEE CONSTRUCTION OPERATIONS ASSOCIATED WITH EARTHWORK OPERATIONS.

MATERIAL SPECIFICATIONS:

GEOSYNTHETICS:

1. GENERAL:
   INSTALLATION OF GEOTEXTILE FABRICS SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFIC LAYOUT PLANS AND DETAILS REVIEWED BY ENGINEER.
1. WOVEN GEOTEXTILE:
   THE WOVEN GEOTEXTILE SHALL BE TENCATE MIRAFI HP270 FABRIC, OR APPROVED EQUIVALENT. THE WOVEN GEOTEXTILE SHALL BE COMPOSED OF POLYPROPYLENE STABILIZED WITH CARBON BLACK TO RESIST ULTRAVIOLET DEGRADATION AND BE RESISTANT TO BIOLOGICAL AND CHEMICAL DEGRADATION DUE TO ALL NATURALLY OCCURRING ORGANISMS OR REAGENTS NORMALLY ENCOUNTERED IN NATURAL SOIL ENVIRONMENTS.
2. NON-WOVEN GEOTEXTILE:
   THE NON-WOVEN GEOTEXTILE SHALL BE TENCATE MIRAFI 140N FABRIC, OR APPROVED EQUIVALENT. THE NONWOVEN FABRIC SHALL BE INERT TO BIOLOGICAL DEGRADATION AND RESIST NATURALLY ENCOUNTERED CHEMICALS, ALKALIS, AND ACIDS.

EARTHWORK MATERIALS:

1. MODIFIED ROCK FILL:
   MODIFIED ROCK FILL SHALL MEET THE REQUIREMENTS LISTED IN MASSDOT SPECIFICATION SECTION M2.02.4.

U.S. STANDARD SIEVE	PERCENT PASSING
8 INCH	95-100
4 INCH	0-25
2 1/2 INCH	0-5

2. CRUSHED STONE:
   2-3 INCH CRUSHED STONE SHALL BE USED FOR THE CONSTRUCTION ENTRANCE/EXIT AS SHOWN ON THE DRAWINGS, AND SHALL MEET THE REQUIREMENTS LISTED BELOW.

U.S. STANDARD SIEVE	PERCENT PASSING
4 INCH	95-100
3 INCH	0-25
2 INCH	0-5

3. GRAVEL BORROW:
   GRAVEL BORROW SHALL SATISFY THE REQUIREMENTS LISTED IN MASSDOT SPECIFICATION M1.03.0-TYPE B GRAVEL BORROW.

U.S. STANDARD SIEVE	PERCENT PASSING
3 INCH	100
1/2 INCH	50-85
NO. 4	40-75
NO. 50	8-28
NO. 200	0-10

   *3 INCH DIAMETER LARGEST DIMENSION

4. LOAM:
   4.1. LOAM SHALL SATISFY THE REQUIREMENTS LISTED IN MASSDOT SPECIFICATION M1.05.0: LOAM.

U.S. STANDARD SIEVE	PERCENT PASSING
NO. 10	85-100
NO. 40	35-85
NO. 200	10-35
<20 MICROMETER	<5

   4.2. LOAM SHALL BE A NATURAL, FERTILE, FRIABLE SOIL, TYPICAL OF PRODUCTIVE SOILS IN THE VICINITY, OBTAINED FROM NATURALLY WELL-DRAINED AREAS, NEITHER EXCESSIVELY ACID NOR ALKALINE, AND CONTAINING NO SUBSTANCES HARMFUL TO GRASS GROWTH. LOAM SHALL NOT BE DELIVERED TO THE SITE IN FROZEN OR MUDDY CONDITION AND SHALL BE REASONABLY FREE OF STUMPS, ROOTS, HEAVY OR STIFF CLAY, STONES LARGER THAN 1-INCH IN DIAMETER, LUMPS, COARSE SAND, NOXIOUS WEEDS, STICKS, BRUSH OR OTHER LITTER.

   4.3. LOAM SHALL CONTAIN NOT LESS THAN 4 PERCENT OR MORE THAN 10 PERCENT ORGANIC MATTER AS DETERMINED BY THE LOSS OF WEIGHT BY IGNITION OF OVEN-DRIED SAMPLES. TEST SAMPLES SHALL BE OVEN-DRIED TO A CONSTANT WEIGHT AT A TEMPERATURE OF 230 DEGREES F.

5. COMPACTED IMPERVIOUS MATERIAL:
   5.1. SHALL SATISFY THE REQUIREMENTS LISTED IN MASSDOT SPECIFICATION M1.08.0: IMPERVIOUS SOIL BORROW WHICH REFERENCES THE SPECIFICATION UNDER AASHTO M 145. THE IMPERVIOUS SOILS SHALL HAVE THE PHYSICAL CHARACTERISTICS OF ONE OF THE FOLLOWING:
   5.1.1. A-4, A-5, A-6, A-7 SOILS; OR
   5.1.2. A-2 SOILS CONTAINING MORE THAN 20% BY WEIGHT PASSING THE NO. 200 SIEVE.

   5.2. AASHTO SOIL CLASSIFICATION SYSTEM INFORMATION IS LISTED BELOW:

GROUP CLASSIFICATION	% PASSING NO. 200 SIEVE	USUAL TYPES OF SIGNIFICANT CONSTITUENT MATERIALS
A-2	35% OR LESS	SILTEY OR CLAYEY GRAVEL AND SAND
A-4	36% MINIMUM	SILTY SOILS
A-5	36% MINIMUM	SILTY SOILS
A-6	36% MINIMUM	CLAYEY SOILS
A-7	36% MINIMUM	CLAYEY SOILS

   5.3. MATERIAL SHALL BE THOROUGHLY COMPACTED AND SHALL BE FREE FROM DELETRIOUS, ORGANIC, ELASTIC OR FOREIGN MATTER.

SLOPE PROTECTION:

1. EROSION CONTROL BLANKET
   EROSION CONTROL BLANKET (ECB) SHALL BE NORTH AMERICAN GREEN, BIONET SC150BN OR APPROVED EQUAL. ECB SHALL BE INSTALLED USING STAPLE PATTERN C IN ACCORDANCE WITH THE INSTALLATION DETAIL INCLUDED ON SHEET C501.

BACKFILL MATERIALS:

1. GRANULAR BORROW:

EMBANKMENT FILL SHALL BE USED IN AREAS WHERE GRADE INCREASES ARE PROPOSED. FILL MATERIAL SHALL MEET THE REQUIREMENTS OF MASSDOT MATERIAL SPECIFICATION M1.01.0 ORDINARY BORROW WITH LESS THAN 15 PERCENT PASSING THE NO 200 SIEVE.

ON-SITE GRANULAR SOILS FROM CUT AREAS CONTAINING LESS THAN 20 PERCENT FINES AND FREE OF ORGANICS, CONTAMINATION (INCLUDING METALS, VOCS, SVOCS, ETC.,), AND OTHER DELETERIOUS MATERIALS MAY BE SUITABLE FOR USE AS EMBANKMENT FILL WITH PROPER MOISTURE CONDITIONS.

FILL MATERIALS SHALL BE PLACED IN MAXIMUM OF 12-INCH LOOSE LIFTS AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR) FOR THE SPECIFIC FILL MATERIAL.

BACKFILL PLACEMENT AND COMPACTION:

1. PRIOR TO BACKFILLING, THE CONTRACTOR SHALL COMPACT THE EXPOSED NATURAL SUBGRADE AS SPECIFIED HEREIN.
2. AFTER APPROVAL OF SUBGRADE BY THE ENGINEER, THE CONTRACTOR SHALL BACKFILL AREAS TO REQUIRED CONTOURS AND ELEVATIONS WITH SPECIFIED MATERIALS.
3. THE CONTRACTOR SHALL PLACE AND COMPACT MATERIALS IN CONTINUOUS HORIZONTAL LAYERS UNTIL FIRM. LIFT THICKNESS SHALL NOT EXCEED THE FOLLOWING THICKNESS:
   3.1. ACCESS ROADS - 6 INCHES
   3.2. EQUIPMENT PADS - 6 INCHES.
   3.3. SITE GRADING - 12 INCHES
4. IF THE MATERIAL REMOVED FROM THE EXCAVATION IS SUITABLE FOR BACKFILL WITH THE EXCEPTION THAT IT CONTAINS STONES LARGER THAN PERMITTED, THE CONTRACTOR HAS THE OPTION TO REMOVE THE OVERSIZED STONES AND USE THE MATERIAL FOR BACKFILL OR TO PROVIDE REPLACEMENT BACKFILL AT NO ADDITIONAL COST TO THE OWNER.

CLEARING NOTES:

1. INSTALL EROSION AND SEDIMENTATION CONTROLS PRIOR TO CLEARING.
2. ALL TREES, SAPLINGS, BRUSH, LOGS AND, DEAD TREES WITHIN THE LIMITS OF CLEARING SHALL BE REMOVED BY THE CONTRACTOR AND PROPERLY DISPOSED OF OFF SITE AT A LOCATION APPROVED TO RECEIVE SUCH MATERIALS, AS AN ALTERNATIVE, TREES, STUMPS, ROOTS CAN BE CHIPPED AND USED ON SITE IN EROSION CONTROL BERMS WITH PRIOR APPROVAL FROM THE OWNER.
3. CONTRACTOR SHALL REMOVE ALL STUMPS AND ROOTS WITHIN FENCED AREAS, 15 FEET OUTSIDE THE LIMITS OF PROPOSED GRADING AS SHOWN ON THE PLANS.
4. CONTRACTOR TO BACKFILL DEPRESSIONS FROM STUMP REMOVAL OR GRINDING USING EXISTING SITE SOILS AND MATCH GRADE. STUMP GRINDING TO BE STOCKPILED ON SITE FOR LAND OWNER'S USE. CONTRACTOR TO COORDINATE STOCKPILE LOCATION WITH OWNER.
5. CONTRACTOR SHALL LIMIT THE AREA OF LAND WHICH IS EXPOSED AND FREE FROM VEGETATION DURING CONSTRUCTION. IN AREAS WHERE THE PERIOD OF EXPOSURE WILL BE GREATER THIRTY (30) DAYS. MULCHING, EROSION CONTROL MATS, TEMPORARY SEEDING, OR OTHER PROTECTIVE MEASURES SHALL BE PROVIDED WITHIN 2 WEEKS OF INITIAL SOIL DISTURBANCE. THE CONTRACTOR SHALL TAKE ACCOUNT OF THE CONDITIONS OF THE SOIL WHERE EROSION CONTROL SEEDING WILL TAKE PLACE TO INSURE THAT MATERIALS USED FOR RE-VEGETATION ARE ADAPTIVE TO THE SEDIMENT CONTROL.

DUST CONTROL:

1. CONSTRUCTION ACTIVITIES SHALL BE SCHEDULED TO MINIMIZE AREAS OF DISTURBED SOIL EXPOSED AT ONE TIME.
2. DUST SHALL BE CONTROLLED ON CONSTRUCTION ROUTES AND OTHER DISTURBED AREAS SUBJECT TO SURFACE DUST MOVEMENT AND DUST BLOWING.
3. MAINTAIN DUST CONTROL MEASURES PROPERLY THROUGH DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
4. DUST CONTROL METHODS SHALL INCLUDE VEGETATIVE COVER, MULCH (INCLUDING GRAVEL MULCH), WATER SPRINKLING, STONE, AND BARRIERS.

TYPICAL SEQUENCE OF CONSTRUCTION:

PRIOR TO THE DEVELOPMENT OF THE SITE, EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AS NOTED ON THE PLANS. SITE DEVELOPMENT SCHEDULING SHALL TAKE INTO CONSIDERATION THE GROWING SEASON, SUCH THAT BULK OF THE EARTHWORK IS NOT INITIATED DURING A PERIOD WHEN VEGETATIVE STABILIZATION CANNOT BE ACHIEVED WITHIN 14 DAYS OF COMPLETING THE EARTHWORK IN A GIVEN AREA. A TYPICAL SEQUENCE OF CONSTRUCTION IS:

1. CONTRACTOR SHALL CONFIRM FLAGGING FOR WETLANDS, BUFFERS, STREAMS, AND/OR OTHER CRITICAL AREAS. IF FLAGGING IS NOT AVAILABLE CONTRACTOR OR CONTRACTOR'S REPRESENTATIVE SHALL FLAG WETLANDS, BUFFERS, STREAMS, AND/OR OTHER CRITICAL AREAS PRIOR TO STARTING ANY WORK ON SITE.
2. PRIOR TO STARTING ANY WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL OBTAIN ALL PERMITS, NOTIFY APPROPRIATE OFFICIALS OF CONSTRUCTION COMMENCEMENT, AND SUBMIT CONSTRUCTION TIMETABLE.
3. ON-SITE CONSTRUCTION SHALL START WITH THE MINIMUM AMOUNT OF CLEARING REQUIRED TO INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES AS NOTED ON SHEET C101. THIS INCLUDES SILT FENCE, CONSTRUCTION ENTRANCE/EXIT, EROSION CONTROL MIX BERMS, AND OTHER MEASURES NOTED ON THE PLAN. NO WORK SHALL TAKE PLACE UNTIL THE ENGINEER HAS INSPECTED AND APPROVED INSTALLED MEASURES.
4. CUT TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD. STUMPS SHALL BE REMOVED OR GROUND IN-PLACE AS SHOWN ON THE PLANS. EROSION CONTROL MIX BERMS SHALL BE INSTALLED ALONG DISTURBED SLOPES. CONTRACTOR TO COORDINATE STOCKPILE LOCATION WITH OWNER.
5. REMOVE AND STOCKPILE TOPSOIL AS REQUIRED FOR PROPOSED GRADING ACTIVITY. STOCKPILED TOPSOIL SHALL BE SEEDED AND MULCHED WHEN IT IS TO BE STORED MORE THAN 30 DAYS FROM TIME OF STOCKPILING. STOCKPILES SHALL NOT BE PLACED WITHIN THE WETLAND BUFFER ZONE. SEE SHEET C501 FOR A TYPICAL TEMPORARY STOCKPILE DETAIL.
6. CONSTRUCT GRAVEL ACCESS ROADS AND TEMPORARY CONSTRUCTION BMPS. INSTALL ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED TO PREVENT EROSION OF GRAVEL SURFACE AND STORMWATER MANAGEMENT FEATURES.
7. REMOVE AND STOCKPILE TOPSOIL IN AREAS OF PROPOSED GRADING TO ACHIEVE REQUIRED RACKING SYSTEM SLOPES. LOAM AND SEED DISTURBED AREAS WITH TEMPORARY SEEDING AND INSTALL INTERMEDIATE EROSION CONTROL MEASURES PARALLEL TO THE SLOPES IMMEDIATELY FOLLOWING COMPLETION OF GRADING.
8. IN AREAS OF PROPOSED GRADING WHERE SEEDING HAS TAKEN PLACE, ALLOW FOR ADEQUATE GROWTH TO ESTABLISH DENSE VEGETATION PRIOR TO SOLAR ARRAY CONSTRUCTION TO LIMIT RISK OF EROSION.
9. PROCEED WITH SOLAR PHOTOVOLTAIC (PV) SYSTEM INSTALLATION/CONSTRUCTION WORK.
10. CONVERT TEMPORARY CONSTRUCTION BMPS TO PERMANENT STORMWATER BMPS PER PLAN GRADING AND DETAILS.
11. REMOVE ALL TEMPORARY GRAVEL AREAS, REPAIR ALL DISTURBED AREAS, AND REAPPLY LOAM WHERE NECESSARY. INTER-ROW AREAS SHALL BE DECOMPACTED TO A DEPTH OF 12" WHILE ENSURING PROTECTION OF BURIED CONDUIT. REMOVE ANY ROCKS >2" TURNED UP DURING DECOMPACTION.
12. SEED ALL AREAS WITH PERMANENT SEED MIX AND STABILIZE SLOPES IN ACCORDANCE WITH THE CONSTRUCTION SITE PLAN DRAWINGS EROSION AND SEDIMENTATION CONTROL PLAN.
13. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL AFTER THE SITE IS STABILIZED IN ACCORDANCE WITH THE SWPPP.

NOT FOR CONSTRUCTION

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Project:
PROPOSED SOLAR PV DEVELOPMENT
9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652

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811 Know what's Below. Call before you dig.

No.	Description	Date
1	LAYOUT CHANGES	4/17/26
0	ISSUED FOR PERMITTING	12/31/25

Revisions

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MELINDA COSTELLO
CIVIL
No. 52956
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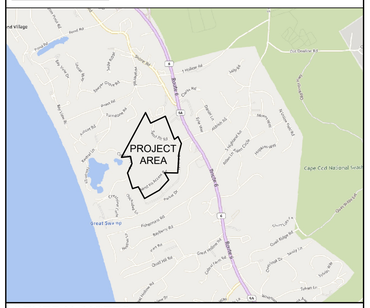
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Drawn By:	RJR
Reviewed By:	BMG
Approved By:	MRC
W&S Project No.:	ENG25-1122

Drawing Title:
GENERAL NOTES

Sheet Number:
G002

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VICINITY MAP: (NOT TO SCALE)


PROJECT AREA
Cape Cod National Seashore
Great Island
Great Island Rd
Old Chequessett Rd
Chequessett Neck Rd
Depot Rd
Rte 6
Rte 6 Eastbound
Rte 6 Westbound
Truro Central School
Truro Public Library
Truro Police Department
Truro Fire Department
Truro Town Hall
Truro Post Office
Truro Transfer Station
Truro Recycling Center
Truro Golf Course
Truro Vineyards
Truro Winery
Truro Center for the Arts at Castle Hill
Truro Historical Society
Truro Meeting House
Truro Veterans Memorial
Truro Cemetery
Truro Center for the Arts
Truro Vineyards Tasting Room
Truro Vineyards Winery
Truro Vineyards Gift Shop
Truro Vineyards Restaurant
Truro Vineyards Wine Bar
Truro Vineyards Event Space
Truro Vineyards Parking Lot
Truro Vineyards Entrance
Truro Vineyards Exit
Truro Vineyards Driveway
Truro Vineyards Walkway
Truro Vineyards Garden
Truro Vineyards Pond
Truro Vineyards Swamp
Truro Vineyards Wetlands
Truro Vineyards Buffer
Truro Vineyards Setback
Truro Vineyards Easement
Truro Vineyards Boundary
Truro Vineyards Property Line
Truro Vineyards Survey
Truro Vineyards Plan
Truro Vineyards Map
Truro Vineyards Parcel
Truro Vineyards Lot
Truro Vineyards Block
Truro Vineyards Subdivision
Truro Vineyards Condominium
Truro Vineyards Declaration
Truro Vineyards Bylaws
Truro Vineyards Rules
Truro Vineyards Regulations
Truro Vineyards Amendments
Truro Vineyards Recording
Truro Vineyards Registry
Truro Vineyards Deeds
Truro Vineyards Book
Truro Vineyards Page
Truro Vineyards Plan Book
Truro Vineyards Plan Page
Truro Vineyards Land Court
Truro Vineyards Land Court Number
Truro Vineyards Land Court Book
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FROST PROTECTION AND SNOW REMOVAL:

1. THE CONTRACTOR SHALL, AT ITS OWN EXPENSE, KEEP EARTHWORK OPERATIONS CLEAR AND FREE OF ACCUMULATIONS OF SNOW AS REQUIRED TO CARRY OUT THE WORK.
2. THE CONTRACTOR SHALL PROTECT THE SUBGRADE BENEATH NEW STRUCTURES AND PIPES FROM FROST PENETRATION WHEN FREEZING TEMPERATURES ARE EXPECTED.

DRAINAGE PIPE:

1. HIGH DENSITY POLYETHYLENE (HDPE) CORRUGATED PIPE WITH SMOOTH INTERIOR AND MITERED EDGE MEETING AASHTO M252, TYPE C.

SOIL STABILIZATION NOTES:

1. THE MAXIMUM ALLOWABLE SLOPE IS 2.5:1. ALL 2.5:1 SLOPES SHALL BE STABILIZED WITH A TEMPORARY EROSION CONTROL BLANKET (SEE SHEET C501).
2. ALL DISTURBED AREAS SHALL HAVE LOAM AND SEED AND STABILIZED WITH GRASS COVER (SEE SHEET C501).
3. IF SUFFICIENT STABILIZATION CANNOT BE ACCOMPLISHED AFTER SEEDING, AT THE CONTRACTOR'S SOLE EXPENSE, SHALL BE RESPONSIBLE FOR ADDING THE NECESSARY SOIL AMENDMENTS AND/OR LOAM UNTIL STABILIZATION IS ACHIEVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP).

GENERAL MAINTENANCE PLAN (DURING CONSTRUCTION):

1. ALL EROSION AND SEDIMENTATION CONTROL PRACTICES SHALL BE INSPECTED AT LEAST ONCE EVERY 7 CALENDAR DAYS, OR EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.25 INCHES OR GREATER, IN ACCORDANCE WITH THE SWPPP.
2. IN THE EVENT WORK IS HALTED, ON SITE INSPECTIONS SHALL CONTINUE AT A REGULAR SCHEDULE, UNLESS TEMPORARY STABILIZATION IS ACHIEVED AND ALL BARE AREAS AND STOCKPILES HAVE INSTALLED STABILIZATION MEASURES.
3. IF CONSTRUCTION ACTIVITIES ARE ENTIRELY SUSPENDED DUE TO FROZEN CONDITIONS; INSPECTIONS MAY BE TEMPORARILY SUSPENDED ONSITE UNTIL THAWING CONDITIONS OCCUR AS LONG AS DISCHARGES ARE UNLIKELY TO OCCUR DUE TO FROZEN CONDITIONS THAT ARE LIKELY TO CONTINUE FOR THREE (3) MONTHS BASED ON HISTORIC DATA, LAND DISTURBANCES HAVE BEEN HALTED, AND ALL DISTURBED AREAS HAVE BEEN ADEQUATELY STABILIZED.
4. IF CONSTRUCTION ACTIVITIES CONTINUE DURING FROZEN CONDITIONS, INSPECTION FREQUENCY MAY BE REDUCED TO MONTHLY INSPECTIONS IF DISCHARGES ARE UNLIKELY TO OCCUR DUE TO FROZEN CONDITIONS THAT ARE LIKELY TO CONTINUE FOR THREE (3) MONTHS BASED ON HISTORIC DATA AND DISTURBED AREAS HAVE BEEN ADEQUATELY STABILIZED EXCEPT FOR AREAS IN WHICH ACTIVE CONSTRUCTION IS TAKING PLACE.
5. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM BEHIND STRAW WATTLES WHEN IT BECOMES 4 INCHES DEEP OR WHEN ACCUMULATIONS HAVE ADVERSELY AFFECTED IT'S FUNCTION. STRAW WATTLES SHALL BE REPAIRED BY REMOVING SILT AND SEDIMENTS AND THEN TAMPING LOOSE SOIL ALONG BASE, REPLACING DAMAGED OR WEAKENED POSTS AND STAKES, OR AS NECESSARY TO MAINTAIN A BARRIER.
6. ALL DISTURBED AREAS SHALL BE STABILIZED PER THESE SPECIFICATIONS TO MAINTAIN VIGOROUS, DENSE VEGETATION. REPAIR ANY ERODED SLOPES, REAPPLY TOPSOIL, RESEED AND STABILIZE REPAIR AREA AS REQUIRED FOR PERMANENT OR TEMPORARY MEANS. REPAIR SOIL AREAS DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
7. IMMEDIATELY REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION EQUIPMENT, MAINTENANCE OR OTHER ACTIVITY TO ANY EROSION AND SEDIMENTATION CONTROL MEASURE, OR BEST MANAGEMENT PRACTICE (BMP) OR DEVICE.
8. THE PRIME CONTRACTOR IS RESPONSIBLE FOR THE PERFORMANCE AND COMPLIANCE OF ITS SUBCONTRACTOR'S ACTIVITIES RELATING TO THE SWPPP, THEY SHALL MAKE FREQUENT INSPECTIONS OF THEIR WORK AND COORDINATE APPROPRIATE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL AND WATER QUALITY DEVICES.
9. EMPLOY POLLUTION PREVENTION MEASURES TO CONTROL LITTER, CONSTRUCTION CHEMICALS, SEDIMENT, AND CONSTRUCTION DEBRIS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: SALVAGE AND REUSE OF MATERIALS, MINIMIZING PACKAGING WASTE, RECYCLING, PROPER DISPOSAL AT FREQUENT INTERVALS IN ACCORDANCE WITH PREVAILING LAWS, ONSITE INSTRUCTION REGARDING APPROPRIATE SEPARATION/HANDLING/RECYCLING, PERIODIC DEBRIS REMOVAL AT DRAINAGE STRUCTURES (GRATES AND SUMPS)/SEDIMENT TRAPS/ FOREBAY AND OTHER BMPS, PROPER MAINTENANCE OF SEDIMENT/ EROSION CONTROL SYSTEMS, ROUTINE AND EVENT RELATED INSPECTIONS OF DRAINAGE AND BMP SYSTEMS PER PERMIT REQUIREMENTS, PROVIDE APPROPRIATE SANITARY FACILITIES FOR ONSITE PERSONNEL, PICK UP TRASH AND DEBRIS FREQUENTLY AND USE WATER MIST, CALCIUM CHLORIDE, OR OTHER LEGAL MEANS TO LIMIT THE SPREAD OF DUST AND SOIL PARTICLES.
10. TRUCKS SHALL BE WASHED OUT IN LOCATIONS IDENTIFIED ON THE PLANS, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE SWPPP.

GENERAL SWPPP NOTES:

1. THE FOLLOWING NOTES ARE PROVIDED AS A SUMMARY REFERENCE FOR THE CONTRACTOR ONLY. THE REQUIREMENTS IN THE FULL SWPPP FOR THE PROJECT SHALL BE FOLLOWED BY THE CONTRACTOR. IN THE EVENT OF A CONFLICT BETWEEN THE DRAWINGS AND THE SWPPP, THE ENGINEER SHALL DETERMINE THE CORRECT REQUIREMENTS.
2. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE PERFORMED IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENTATION CONTROL GUIDELINES. THE CONTRACTOR SHALL OWN AND MAINTAIN A COPY OF THE GUIDELINES ON-SITE DURING CONSTRUCTION.
3. ALL DISTURBED AREAS SHALL BE KEPT TO A MINIMUM. FINAL GRADING AND RESTORATION SHALL BE ACCOMPLISHED AS SOON AS PRACTICAL.
4. EROSION AND SEDIMENTATION CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO SITE WORK.
5. SHOULD TRUCKS NEED TO BE WASHED OUT ONSITE; A CONCRETE WASHOUT BASIN SHALL BE INSTALLED. OTHERWISE TRUCKS MUST BE WASHED OUT OFFSITE.
6. ALL CONTROL STRUCTURES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND REMOVED WHEN STABILIZATION HAS BEEN ATTAINED, IF THE PROPOSED CONTROL MEASURES ARE NOT SATISFACTORY TO THE ENGINEER, ADDITIONAL CONTROL MEASURES SHALL BE TAKEN.
7. ALL RUNOFF FROM THE DISTURBED AREA SHALL BE CONTROLLED AND FILTERED. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE DRAWINGS.
8. CONTRACTOR IS RESPONSIBLE FOR OBTAINING NPDES CONSTRUCTION GENERAL PERMIT FOR THE PROPOSED PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION AND COMPLIANCE WITH THE APPROVED NPDES NOTICE OF INTENT (NOI) AND STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
9. THE CONTRACTOR MUST OBTAIN COPIES OF SITE SPECIFIC PERMITS PRIOR TO THE START OF WORK.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROL MEASURES. THIS RESPONSIBILITY INCLUDES THE ACQUISITION OF MATERIALS, INSTALLATION, AND MAINTENANCE OF EROSION AND SEDIMENTATION STRUCTURES, THE COMMUNICATION AND DETAILED EXPLANATION TO ALL PEOPLE INVOLVED IN THE SITE WORK OF THE REQUIREMENTS AND OBJECTIVE OF THE EROSION AND SEDIMENTATION CONTROL MEASURES.
11. TWO (2) WEEKS PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL PROVIDE THE NAME AND PHONE NUMBER OF THE INDIVIDUAL RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION & SEDIMENTATION CONTROL PLAN TO THE ENGINEER.
12. THE ENGINEER SHALL BE NOTIFIED OF ANY PROPOSED ALTERATION TO THE EROSION AND SEDIMENTATION CONTROL PLAN, PRIOR TO ALTERING, IN ORDER TO ENSURE THE FEASIBILITY OF THE ADDITION, SUBTRACTION, OR CHANGE IN THE PLAN.

SEEDING NOTES:

1. NO SEEDING OR SOIL PREPARATION SHALL BE DONE IF SOILS ARE MUDDY, DRY, AND/OR COMPACTED. BARE SOILS SHALL BE RAKED TO REMOVE SOIL CLODS, LUMPS, BRUSH, ROOTS, STUMP, LITTER AND OTHER FOREIGN MATTER. RUTS AND DEPRESSIONS SHALL BE FILLED WITH ADDITIONAL LOAM AND/OR COMPOST AND THE SOIL SHALL BE RE-GRADED TO A RELATIVELY SMOOTH FINISH CORRESPONDING TO THE REQUIRED GRADES.
2. ALL DISTURBED AREAS OUTSIDE OF PV DEVELOPMENT AREAS SHALL BE RESTORED WITH A VEGETATIVE STABILIZATION MATERIAL (GRASS).
3. AT SLOPES EXCEEDING 25% GRADE, AND IN AREAS DEPICTED WITHIN THE PLANS, SEEDING SHALL BE APPLIED IMMEDIATELY FOLLOWED BY THE INSTALLATION OF THE EROSION CONTROL BLANKET SPECIFIED ON SHEET G002 OR APPLIED VIA HYDROSEED WITH TACIFIER THAT MUST BE EITHER PLANT-BASED OR LIQUID OR DRY POLYMERIC EMULSION BLEND. TO BE APPROVED BY OWNERS ENGINEER PRIOR TO APPLICATION.
4. AT SLOPES EXCEEDING 25% GRADE, SEEDING SHALL OCCUR WITHIN 72 HOURS OF LOAM PLACEMENT TO PREVENT LOSS OF TOPSOIL.
5. ALL DISTURBED AREAS WITHIN THE PHOTOVOLTAIC DEVELOPMENT AREA SHALL BE SEEDED EITHER BY HAND, CYCLONE SEEDER, OR A CULTIPACKER TYPE SEEDER IN ACCORDANCE WITH THE FOLLOWING METHODS.
6. THE LIMING, FERTILIZING, AND SEEDING TO BE ACCOMPLISHED UNDER THIS SECTION SHALL BE DONE DURING A PERIOD OF TIME TO BE APPROVED BY THE ENGINEER OR LANDSCAPE ARCHITECT. CONTRACTOR SHALL NOTIFY THE ENGINEER OR ARCHITECT 30 DAYS PRIOR TO THE TIME THAT HE/SHE INTENDS TO BEGIN THIS WORK.
7. HEAVILY SCARIFYING THE EXISTING GROUND COVER AND OVER SEEDING WITH ADDITIONAL SEED MIX MAY BE NECESSARY IN SOME AREAS.
8. SEED SHALL BE INCORPORATED WITH THE MULCHING MATERIAL SO AS TO OBTAIN A MINIMUM SOWN COVERAGE OF 200 POUNDS OF THE SPECIFIED MIX PER ACRE. SEED SUBSTITUTIONS MAY REQUIRE RATE ADJUSTMENTS AS RECOMMENDED BY THE SEED SUPPLIERS, IF APPROVED BY THE ENGINEER OR LANDSCAPE ARCHITECT.
9. AT SLOPES EXCEEDING 25% GRADE, SEEDING AND/OR STABILIZATION SHALL OCCUR AS SOON AS IS REASONABLE GIVEN THE CONSTRUCTION ACTIVITIES OR SEQUENCING WILL PERMIT. REFERENCE SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS.
10. AFTER THE FINE GRADING AND PREPARATIONS FOR SEEDING ARE APPROVED BY THE ENGINEER OR LANDSCAPE ARCHITECT, THE CONTRACTOR SHALL SEED THE AREA INDICATED, AS SPECIFIED HEREIN. THE SEED SHALL BE INCORPORATED WITH MULCHING MATERIALS COMPOSED OF WOOD CELLULOSE FIBERS THAT WILL READILY DISPERSE IN WATER TO FORM A UNIFORM AND HOMOGENEOUS MIXTURE WHEN AGITATED.
11. NO EXPOSED STONES OR WOODY DEBRIS SHALL BE AT THE SURFACE TO IMPROVE SEEDING AND ELIMINATE RISK OF DAMAGE FROM THROWN PROJECTILES WHILE MOWING.

SEEDING MATERIALS:

1. LIME:
   LIME SHALL BE STANDARD COMMERCIAL GROUND LIMESTONE CONTAINING AT LEAST 50% TOTAL OXIDES (CALCIUM OXIDE AND MAGNESIUM OXIDE) AND 50% PERCENT OF THE MATERIAL MUST PASS THROUGH A #100 MESH SIEVE, WITH 98% PASSING A #20 MESH SIEVE.
2. FERTILIZER:
   FERTILIZER SHALL BE COMMERCIAL FERTILIZER 10-10-10 U.F. FERTILIZER MIXTURE CONTAINING AT LEAST 60% OF ORGANIC MATERIAL OR TYPE DETERMINED BY CHEMICAL SOIL ANALYSIS AS TESTED BY AN APPROVED LABORATORY. IT SHALL BE DELIVERED AT THE SITE IN THE ORIGINAL SEALED CONTAINERS WITH CONTENTS CLEARLY DESCRIBE.
3. SEED MIXES:
   THE ARRAY SHALL BE SEEDED WITH THREE DISTINCT SEED MIXES. THE TEMPORARY SEED MIX SHALL BE USED FOR SEEDING DURING CONSTRUCTION ACTIVITIES. THE GRASS SEED MIX SHALL BE USED IN THE FINAL SEEDING OF INTERIOR AND EXTERIOR PERIMETER AREAS AND INTER-ROW AREAS AFTER ARRAY CONSTRUCTION
4. MULCH:
   MULCH MATERIAL SHALL BE A MANUFACTURED PRODUCT OF NATURAL WOOD CELLULOSE FIBERS. MATERIAL SHALL BE INTERNATIONAL PAPER COMPANY'S "TURFIBER;" WEYERHAEUSER COMPANY'S "SILVA-FIBER," OR APPROVED EQUAL AND CLEARLY PACKED IN ORIGINAL CONTAINERS, SEALED AND CLEARLY LABELED WITH BRAND NAME AND MANUFACTURER, IT SHALL HAVE A DELIVERED MOISTURE CONTENT OF NOT OVER 12%.
5. PERMANENT SEED:
   THE SEED SHALL BE APPLIED BY EITHER HAND, CYCLONE SEEDER, OR A CULTIPACKER TYPE SEEDER. SEED MIX SHALL BE ERNST NATIVE/NATURALIZED SOLAR FARM SEED MIX - ERNMX-186-1, NORTHEAST SOLAR POLLINATOR 3 MIX - ERNMX-612, OR APPROVED EQUAL. SUBMIT SUPPLIER'S SEED BLEND SPECIFICATIONS TO THE ENGINEER OR LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO COMMENCING WITH SEEDING OPERATIONS. SEEDING SHALL BE APPLIED AT A RATE OF 40 LB PER ACRE, OR 3-5 LB PER 1,000 SQFT., SEEDING SHALL BE COMPLETED BETWEEN APRIL 15 AND MAY 15 OR AUGUST 15 AND OCTOBER 15. ALL SEEDED AREAS SHALL BE MAINTAINED TO ENSURE PROPER GROWTH AND TO MINIMIZE EROSION. PERMANENT SEED MIX IS SUBJECT TO CHANGE BASED ON FINAL DESIGN BY THE ENGINEER OR LANDSCAPE ARCHITECT AND WILL BE SPECIFIED AS PART OF THE ISSUED FOR CONSTRUCTION PLANS. CONTRACTOR SHALL FURNISH AND INSTALL ERNST NATIVE/NATURALIZED SOLAR FARM SEED MIX, ERNMX-186-1, OR APPROVED EQUAL, IN ALL AREAS LOCATED DIRECTLY BENEATH SOLAR PANEL ARRAYS. CONTRACTOR SHALL FURNISH AND INSTALL NORTHEAST SOLAR POLLINATOR 3' SEED MIX, ERNMX-612, OR APPROVED EQUAL, ON ALL SLOPE AREAS AND WITHIN DESIGNATED INFILTRATION BASINS, INCLUDING SIDE SLOPES AND BASINS.

   TEMPORARY SEED:
   THE SEED MIX WITHIN THE LIMITS OF THE TREE CLEARING, WHEN SEEDING OCCURS DURING SPRING/SUMMER MONTHS, SHALL BE GRAIN OATS (ERNMX-181-1) NATIVE STEEP SLOPE MIX WITH THE SPECIFICATIONS LISTED BELOW IN THE SEEDING TABLE, OR APPROVED EQUAL. THE SEED MIX WITHIN THE LIMITS OF THE TREE CLEARING, WHEN SEEDING OCCURS DURING WINTER MONTHS, SHALL BE THREE-WAY RYEGRASS MIX (ERNMX-149) WITH THE SPECIFICATIONS LISTED BELOW IN THE SEEDING TABLE, OR APPROVED EQUAL. SUBMIT SUPPLIER'S SEED BLEND SPECIFICATIONS TO THE ENGINEER OR LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO COMMENCING WITH THE SEEDING OPERATIONS. SEEDING SHALL BE APPLIED AT A RATE OF 7-10 LB PER 1,000 SQ FT.

NATIVE STEEP SLOPE MIX W/ GRAIN OATS (ERNMX-181-1)

ITEM #	BOTANICAL (LATIN) NAME	COMMON NAME	WEIGHT
1	AVENA SATIVA	OATS, VARIETY NOT STATED	40.00%
2	ANDROPOGEN GERARDII	BIG BLUESTEM, 'SOUTHLOW-MI ECOTYPE	19.12%
3	SORGHASTRUM NUTANS	INDIANGRASS, PA ECOTYPE	12.00%
4	ELYMUS VIRGINICUS	VIRGINIA WILDRYE, MADISON-NY ECOTYPE	10.72%
5	ELYMUS CANADENSIS	CANADA WILDRYE	5.28%
6	PANICUM VIRGATUM	SWITCHGRASS, 'SHAWNEE'	4.32%
7	AGROSTIS PERANNANS	AUTUMN BENTGRASS, ALBANY PINE BUSH-NY ECOTYPE	3.20%
8	PANICUM CLANDESTINUM	DEERTONGUE, TIOGA	2.24%
9	RUDBECKIA HIRTA	BLACKEYED SUSAN	0.80%
10	COREOPSIS LANCEOLATA	LANCELEAF COREOPSIS	0.56%
11	ECHINACEA PURPUREA	PURPLE CONEFLOWER	0.56%
12	HELIOPSIS HELIANTHOIDES	OXEYE SUNFLOWER, PA ECOTYPE	0.56%
13	ASTER PILOSUS	HEATH ASTER, PA ECOTYPE	0.16%
14	MONARDA FISTULOSA	WILD BERGAMOT	0.16%
15	SOLIDAGO RUGOSA	WRINKLELEAF GOLDENROD, PA ECOTYPE	0.16%
16	APOCYNUM CANNABINUM	INDIANHEMP, PA ECOTYPE	0.08%
17	ASCLEPIAS SYRIACA	COMMON MILKWEED	0.08%
TOTAL			100%

MAINTENANCE OF SEEDED AREAS:

1. FOLLOWING THE FINAL SEEDING THE CONTRACTOR SHALL CONTINUE TO INSPECT EROSION AND SEDIMENTATION CONTROLS AT LEAST ONCE EVERY 7 CALENDAR DAYS, WITHIN 24 HOURS AFTER A STORM EVENT (RAINFALL OR EXCESS SNOWMELT). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.
2. PERMANENT STABILIZATION IS ACHIEVED WHEN 70% MATURE VEGETATION COVER OF DESIRED SPECIES IS ACHIEVED IN ALL AREAS AND/OR PERMANENT NON-VEGETATIVE STABILIZATION MEASURES ARE IMPLEMENTED TO PROVIDE EFFECTIVE COVER OF ANY AREAS OF EXPOSED SOIL. IN THE EVENT OF ANY UNSATISFACTORY GROWTH, RESEEDING SHALL BE CARRIED OUT, WITH FOLLOW-UP INSPECTION.
3. THE CONTRACTOR SHALL MAINTAIN THE ENTIRE SEEDED AREAS UNTIL FINAL ACCEPTANCE AT THE COMPLETION OF THE PROJECT OR FOR 90 DAYS, WHICHEVER IS LONGER. MAINTENANCE SHALL INCLUDE WATERING ON AN AS-NEEDED BASIS SUCH THAT ESTABLISHMENT OF AT LEAST 70% OF THE SEEDED AREAS IS ACHIEVED AFTER ONE GROWING SEASON. MAINTENANCE SHALL ADDITIONALLY INCLUDE WEEDING, REMOVAL OF STONES WHICH MAY APPEAR, AND REGULAR CUTTINGS OF THE GRASS NO CLOSER THAN 10 DAYS APART. CONTRACTOR SHALL FURNISH ALL TEMPORARY PIPE AND CONNECTIONS FOR SPRINKLING. CONTRACTOR SHALL FURNISH ALL REQUIRED WATER AT NO EXPENSE TO THE OWNER.
4. ALL BARE SPOTS, WHICH BECOME APPARENT AS THE GRASS GERMINATES, SHALL BE RESEEDED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE AS MANY TIMES AS NECESSARY TO SECURE AN ADEQUATE GROWTH, AND THE ENTIRE AREA SHALL BE MAINTAINED AND CUT UNTIL ALL WORK HAS BEEN COMPLETED AND FINAL ACCEPTANCE HAS OCCURRED. RESEEDING SHALL BE ACCOMPLISHED BY MECHANICAL MEANS AS DETERMINED BY THE AREA OF RESEEDING TO BE ACCOMPLISHED.
5. CONTRACTOR SHALL TAKE WHATEVER MEASURES ARE NECESSARY TO PROTECT THE GRASS WHILE IT IS GERMINATING. THESE MEASURES SHALL INCLUDE SPRINKLING STRAW OR WOOD FIBER MULCH TO COVER THE AREA, AND/OR FURNISHING OF WARNING SIGNS, BARRIERS, TEMPORARY FENCE OR ANY OTHER NECESSARY MEASURES OF PROTECTION.
6. CONTRACTOR SHALL FURNISH, PROTECT, AND MAINTAIN ALL TEMPORARY BARRIERS UNTIL FINAL ACCEPTANCE OF THE SEEDED AREAS BY THE OWNER AND SHALL REMOVE THEM UPON SUCH FINAL ACCEPTANCE, THE BARRIERS SHALL REMAIN THE PROPERTY OF CONTRACTOR AT ALL TIMES.
7. AFTER THE ENGINEER, OR LANDSCAPE ARCHITECT HAS DETERMINED THAT THE PROJECT AREA HAS STABILIZED (70% MATURE VEGETATION COVER ACHIEVED), THE CONTRACTOR SHALL REMOVE ALL SEDIMENT BARRIERS AND ANY OTHER TEMPORARY EROSION CONTROL MEASURES WITHIN 30 DAYS.
8. INVASIVE SPECIES MANAGEMENT SHALL BE PERFORMED IN ACCORDANCE WITH THE SITE'S INVASIVE SPECIES MANAGEMENT PLAN.

NOT FOR CONSTRUCTION

Project:
PROPOSED SOLAR PV DEVELOPMENT
9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652

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811 Know what's Below. Call before you dig.

No.	Description	Date
1	LAYOUT CHANGES	4/17/26
0	ISSUED FOR PERMITTING	12/31/25

Revisions

Seal:
COMMONWEALTH OF MASSACHUSETTS
MELINDA COSTELLO CIVIL No. 52956 PROFESSIONAL ENGINEER
4/17/2026

Issued For:
PERMITTING

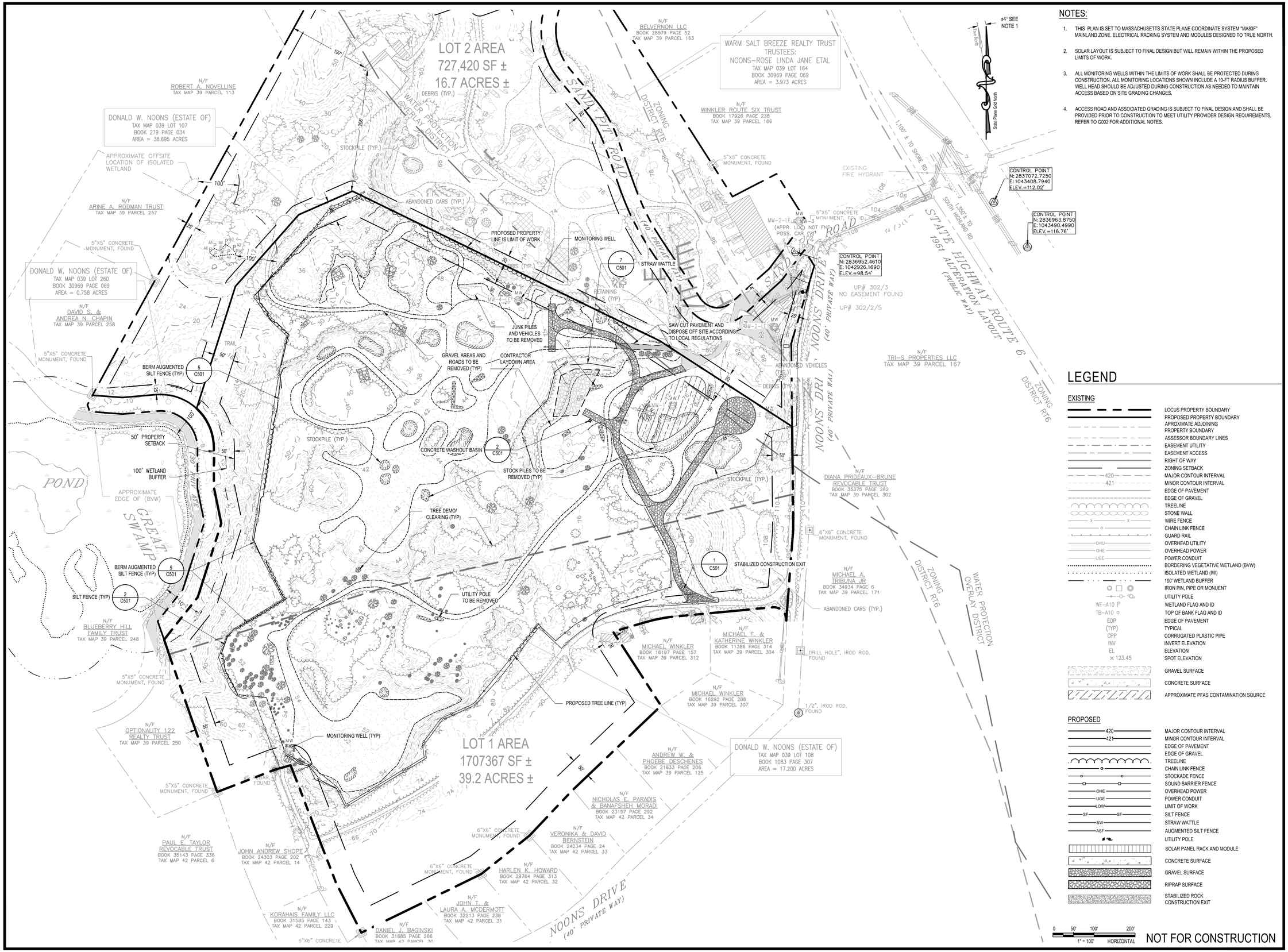
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Scale:	N/A
Drawn By:	RJR
Reviewed By:	BMG
Approved By:	MRC
W&S Project No.:	ENG25-1122

Drawing Title:
NOTES AND SPECIFICATIONS

Sheet Number:
C001

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P:\Hartwell\Solar\Rel\Truro, MA\C Sheet Fi~1\1 Revs Drwn\Rel\DWG\C001-CvrSumm(D).DWG Plotted on: Tue Apr 14 2026 - 12:57pm by: Rebecca Jones



NOTES:

1. THIS PLAN IS SET TO MASSACHUSETTS STATE PLANE COORDINATE SYSTEM "MA83F" MAINLAND ZONE. ELECTRICAL RACKING SYSTEM AND MODULES DESIGNED TO TRUE NORTH.
2. SOLAR LAYOUT IS SUBJECT TO FINAL DESIGN BUT WILL REMAIN WITHIN THE PROPOSED LIMITS OF WORK.
3. ALL MONITORING WELLS WITHIN THE LIMITS OF WORK SHALL BE PROTECTED DURING CONSTRUCTION. ALL MONITORING LOCATIONS SHOWN INCLUDE A 10-FT RADIUS BUFFER. WELL HEAD SHOULD BE ADJUSTED DURING CONSTRUCTION AS NEEDED TO MAINTAIN ACCESS BASED ON SITE GRADING CHANGES.
4. ACCESS ROAD AND ASSOCIATED GRADING IS SUBJECT TO FINAL DESIGN AND SHALL BE PROVIDED PRIOR TO CONSTRUCTION TO MEET UTILITY PROVIDER DESIGN REQUIREMENTS. REFER TO G002 FOR ADDITIONAL NOTES.

LEGEND

EXISTING

- LOCUS PROPERTY BOUNDARY
- PROPOSED PROPERTY BOUNDARY
- APROXIMATE ADJOINING PROPERTY BOUNDARY
- ASSESSOR BOUNDARY LINES
- EASEMENT UTILITY
- EASEMENT ACCESS
- RIGHT OF WAY
- ZONING SETBACK
- 420 MAJOR CONTOUR INTERVAL
- 421 MINOR CONTOUR INTERVAL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- TREELINE
- STONE WALL
- WIRE FENCE
- CHAIN LINK FENCE
- GUARD RAIL
- OHU OVERHEAD UTILITY
- OHE OVERHEAD POWER
- UGE POWER CONDUIT
- BORDERING VEGETATIVE WETLAND (BVW)
- ISOLATED WETLAND (IW)
- 100' WETLAND BUFFER
- IRON PIN, PIPE OR MONUENT
- UTILITY POLE
- WF-A10 P WETLAND FLAG AND ID
- TB-A10 TOP OF BANK FLAG AND ID
- EOP EDGE OF PAVEMENT
- (TYP) TYPICAL
- CPP CORRUGATED PLASTIC PIPE
- INV INVERT ELEVATION
- EL ELEVATION
- × 123.45 SPOT ELEVATION
- GRAVEL SURFACE
- CONCRETE SURFACE
- APPROXIMATE PFAS CONTAMINATION SOURCE

PROPOSED

- 420 MAJOR CONTOUR INTERVAL
- 421 MINOR CONTOUR INTERVAL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- TREELINE
- CHAIN LINK FENCE
- STOCKADE FENCE
- SOUND BARRIER FENCE
- OHE OVERHEAD POWER
- UGE POWER CONDUIT
- LOW LIMIT OF WORK
- SF SILT FENCE
- SW STRAW WATTLE
- ASF AUGMENTED SILT FENCE
- UTILITY POLE
- SOLAR PANEL RACK AND MODULE
- CONCRETE SURFACE
- GRAVEL SURFACE
- RIPRAP SURFACE
- STABILIZED ROCK CONSTRUCTION EXIT

0 50' 100' 200'
1" = 100' HORIZONTAL

NOT FOR CONSTRUCTION

Project:
PROPOSED SOLAR PV DEVELOPMENT
9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652

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1	LAYOUT CHANGES	4/17/26
0	ISSUED FOR PERMITTING	12/31/25

Revisions

Seal:
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MELINDA COSTELLO
CIVIL
No. 52956
PROFESSIONAL ENGINEER
Melinda Costello 4/17/2026

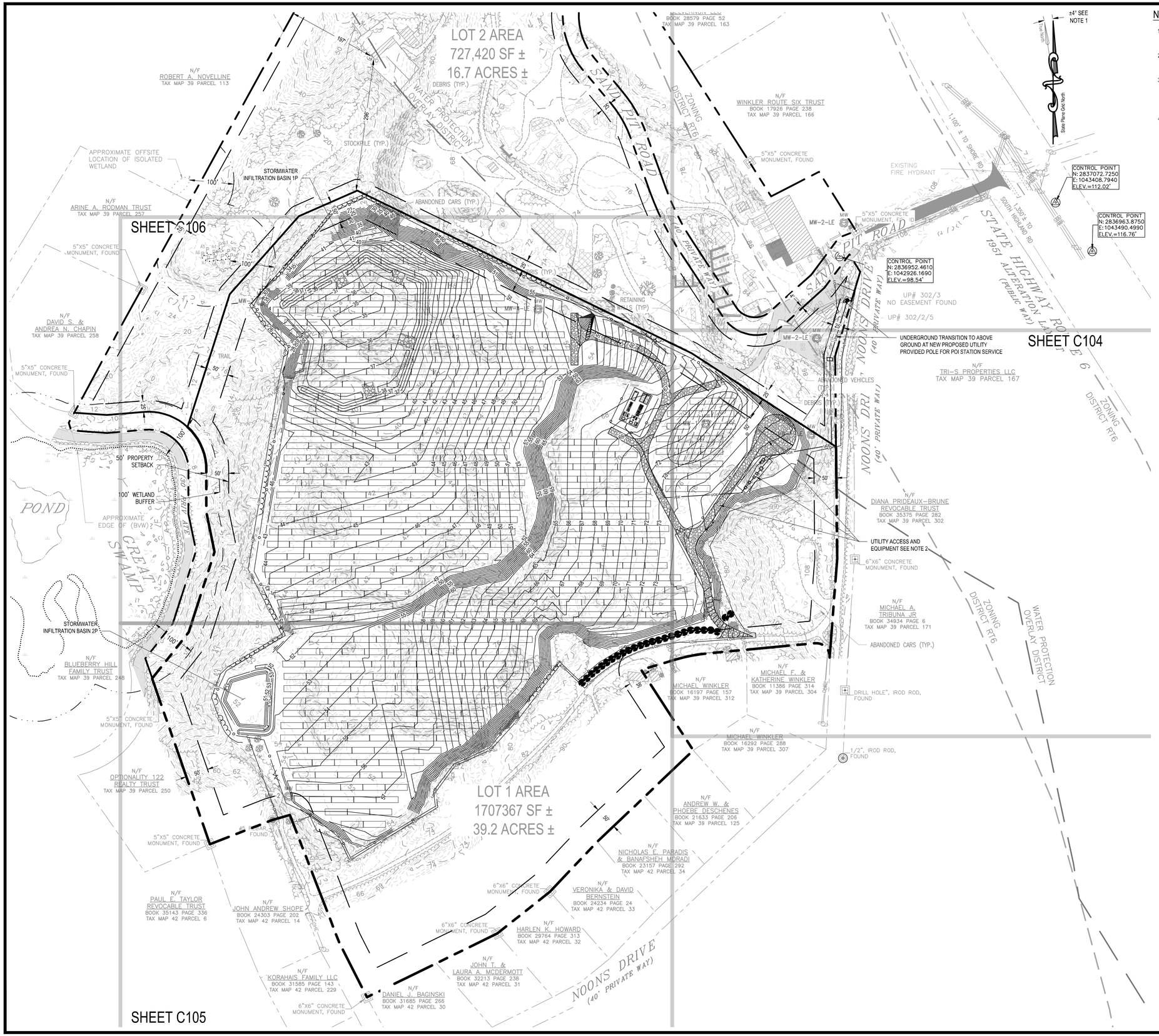
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Issued Date:	12/31/2025
Scale:	1" = 100'
Drawn By:	RJR
Reviewed By:	BMG
Approved By:	MRC
W&S Project No.:	ENG25-1122

Drawing Title:
SOIL EROSION AND SEDIMENTATION CONTROL PLAN

Sheet Number:
C101

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NOTES:

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4. ACCESS ROAD AND ASSOCIATED GRADING IS SUBJECT TO FINAL DESIGN AND SHALL BE PROVIDED PRIOR TO CONSTRUCTION TO MEET UTILITY PROVIDER DESIGN REQUIREMENTS. REFER TO G002 FOR ADDITIONAL NOTES.

SYSTEM SIZE			
STRINGS / RACKS	PANELS	PANEL SIZE (W)	SIZE (MW)
528	13,728	550	7.55

LEGEND

EXISTING

- LOCUS PROPERTY BOUNDARY
- PROPOSED PROPERTY BOUNDARY
- APROXIMATE ADJOINING PROPERTY BOUNDARY
- ASSESSOR BOUNDARY LINES
- EASEMENT UTILITY
- EASEMENT ACCESS
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- RIPRAP SURFACE

NOT FOR CONSTRUCTION

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Project:
PROPOSED SOLAR PV DEVELOPMENT
9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652

Weston & Sampson
Weston & Sampson Engineers, Inc.
55 Walkers Brook Drive, Suite 100
Reading, MA 01867
978.532.1900 800.SAMPSON

Client:
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No.	Description	Date
1	LAYOUT CHANGES	4/17/26
0	ISSUED FOR PERMITTING	12/31/25

Revisions

Seal:
COMMONWEALTH OF MASSACHUSETTS
MELINDA COSTELLO CIVIL No. 52956 PROFESSIONAL ENGINEER
4/17/2026

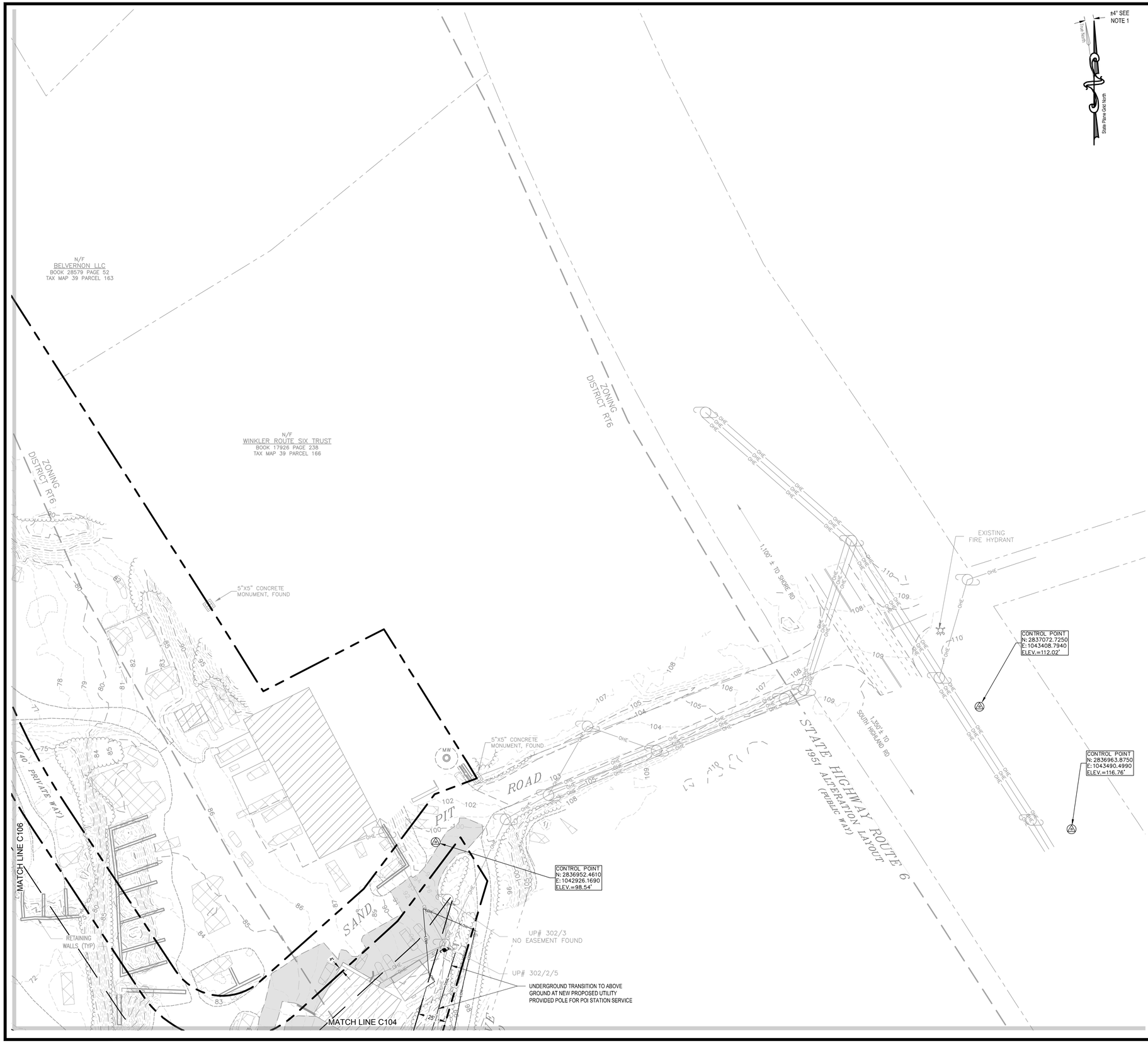
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Issued Date:	12/31/2025
Scale:	1" = 100'
Drawn By:	RJR
Reviewed By:	BMG
Approved By:	MRC
W&S Project No.:	ENG25-1122

Drawing Title:
OVERALL SITE LAYOUT AND GRADING PLAN

Sheet Number:
C102

P:\Projects\ENG25-1122\CAD\Sheets\C102 Overall Site Layout and Grading.dwg



NOTES:

1. THIS PLAN IS SET TO MASSACHUSETTS STATE PLANE COORDINATE SYSTEM "MA83F" MAINLAND ZONE. ELECTRICAL RACKING SYSTEM AND MODULES DESIGNED TO TRUE NORTH.
2. SOLAR LAYOUT IS SUBJECT TO FINAL DESIGN BUT WILL REMAIN WITHIN THE PROPOSED LIMITS OF WORK.
3. ALL MONITORING WELLS WITHIN THE LIMITS OF WORK SHALL BE PROTECTED DURING CONSTRUCTION. ALL MONITORING LOCATIONS SHOWN INCLUDE A 10-FT RADIUS BUFFER. WELL HEAD SHOULD BE ADJUSTED DURING CONSTRUCTION AS NEEDED TO MAINTAIN ACCESS BASED ON SITE GRADING CHANGES.
4. ACCESS ROAD AND ASSOCIATED GRADING IS SUBJECT TO FINAL DESIGN AND SHALL BE PROVIDED PRIOR TO CONSTRUCTION TO MEET UTILITY PROVIDER DESIGN REQUIREMENTS. REFER TO G002 FOR ADDITIONAL NOTES.

LEGEND

EXISTING

- LOCUS PROPERTY BOUNDARY
- PROPOSED PROPERTY BOUNDARY
- APROXIMATE ADJOINING PROPERTY BOUNDARY
- ASSESSOR BOUNDARY LINES
- EASEMENT UTILITY
- EASEMENT ACCESS
- RIGHT OF WAY
- ZONING SETBACK
- 420 MAJOR CONTOUR INTERVAL
- 421 MINOR CONTOUR INTERVAL
- EDGE OF PAVEMENT
- EDGE OF GRAVEL
- TREELINE
- STONE WALL
- WIRE FENCE
- CHAIN LINK FENCE
- GUARD RAIL
- OHU OVERHEAD UTILITY
- OHE OVERHEAD POWER
- UGE POWER CONDUIT
- BORDERING VEGETATIVE WETLAND (BVW)
- ISOLATED WETLAND (IW)
- 100' WETLAND BUFFER
- IRON PIN, PIPE OR MONUENT
- UTILITY POLE
- WF–A10 P WETLAND FLAG AND ID
- TB–A10 ¤ TOP OF BANK FLAG AND ID
- EOP (TYP) EDGE OF PAVEMENT TYPICAL
- CPP CORRUGATED PLASTIC PIPE
- INV INVERT ELEVATION
- EL ×123.45 ELEVATION SPOT ELEVATION
- GRAVEL SURFACE
- CONCRETE SURFACE
- APPROXIMATE PFAS CONTAMINATION SOURCE

PROPOSED

- 420 MAJOR CONTOUR INTERVAL
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- RIPRAP SURFACE
- STABILIZED ROCK CONSTRUCTION EXIT
- TEMPORARY LAYDOWN AREA
- EROSION CONTROL BLANKET

0 20' 40' 80'
1" = 40' HORIZONTAL

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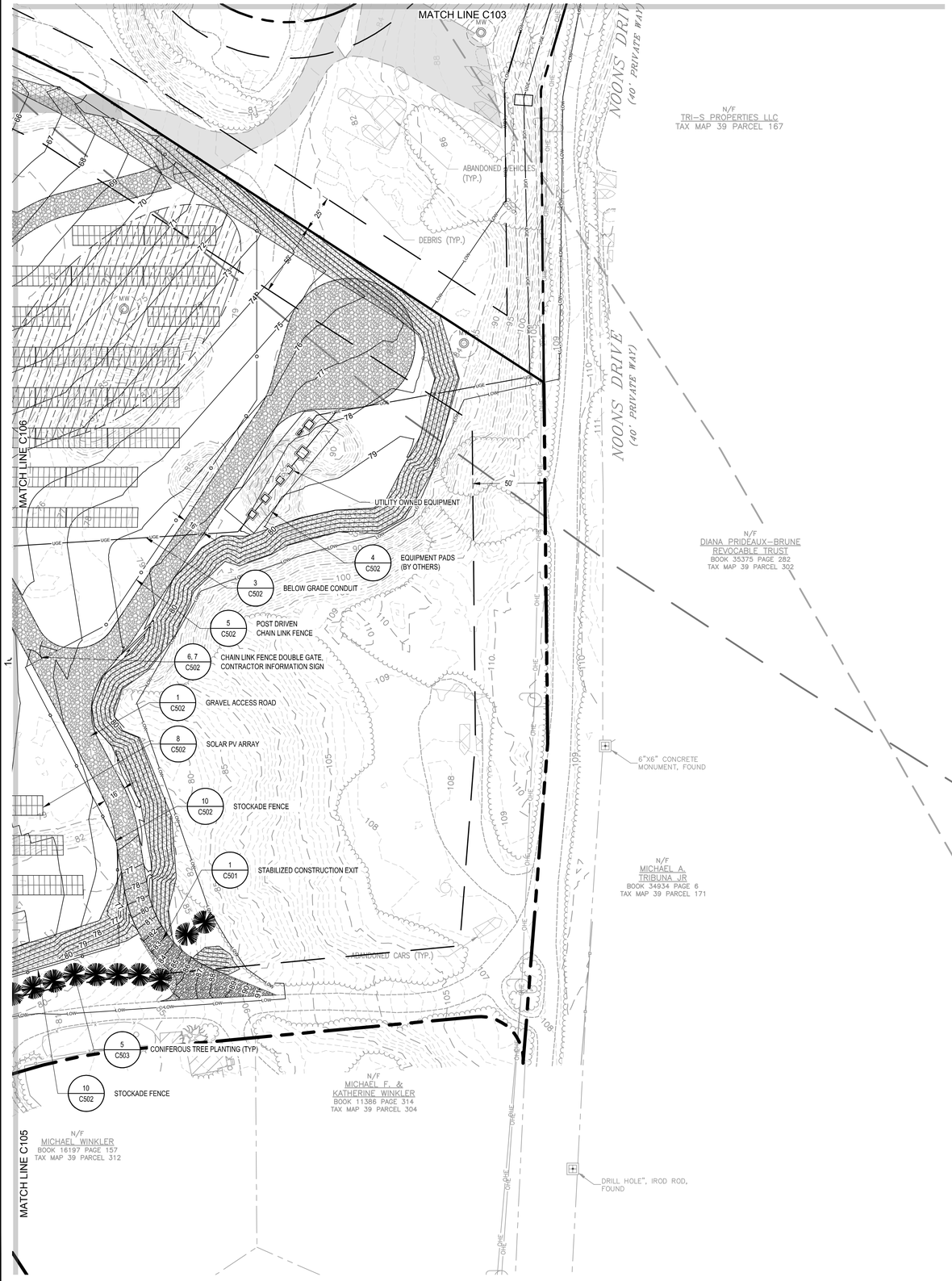
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Reviewed By:	BMG
Approved By:	MRC
W&S Project No.:	ENG25-1122

Drawing Title:
SITE LAYOUT AND GRADING PLAN

Sheet Number:
C103

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NOTES:

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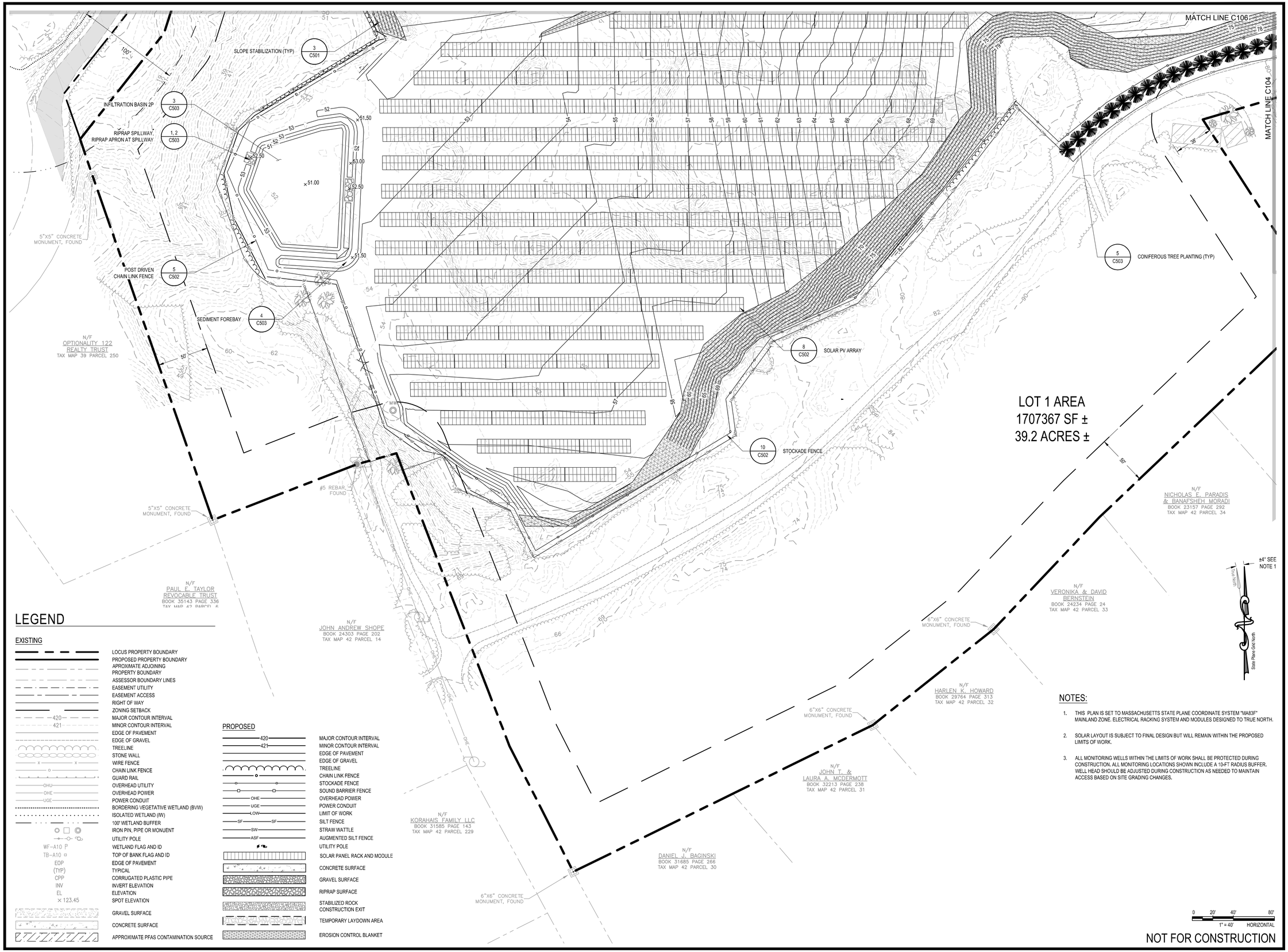
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Drawing Title:
SITE LAYOUT AND GRADING PLAN

Sheet Number:
C104

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MATCH LINE INSET C106

MATCH LINE INSET C106

SEDIMENT FOREBAY (TYP) 4 C503

PROPERTY LINE IS LIMIT OF WORK

ABANDONED CARS (TYP.)

3 C501 EROSION CONTROL BLANKET (TYP)

±4° SEE NOTE 1

State Plane Grid North

NOTES:

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CHAIN LINK DOUBLE GATE, CONTRACTOR INFORMATION SIGN 6, 7 C502

STORMWATER INFILTRATION BASIN 1P 3 C503

RIPRAP SPILLWAY, RIPRAP APRON AT SPILLWAY 1, 2 C503

EROSION CONTROL BLANKET (TYP) 3 C501

WELL HEAD SHALL BE ADJUSTED DURING CONSTRUCTION AS NEEDED TO MAINTAIN ACCESS.

5 C502 POST DRIVEN CHAIN LINK FENCE

GRAVEL ACCESS ROAD C502

CUSTOMER PADS WITH BATTERY CONTAINERS

SOUND BARRIER FENCE 9 C502

CUSTOMER PADS WITH INVERTERS, DC RE-COMBINERS & DC-DC CONVERTERS

CONTRACTOR LAYDOWN AREA

GRAVEL EQUIPMENT PAD AREA

CONCRETE EQUIPMENT PAD (BY OTHERS) (TYP) 4 C502

CUSTOMER PADS WITH TRANSFORMERS, NEUTRAL GROUND REACTORS, AUX EQUIPMENT & DAS

BELOW GRADE CONDUIT 3 C502

MATCH LINE C103

MATCH LINE C104

MATCH LINE C105

50' PROPERTY SETBACK

100' WETLAND BUFFER

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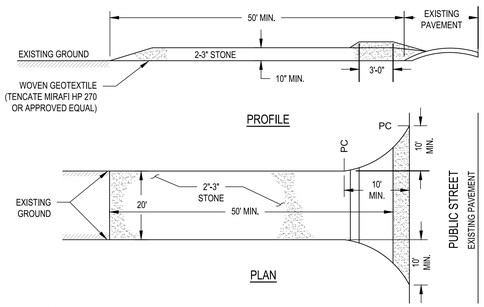
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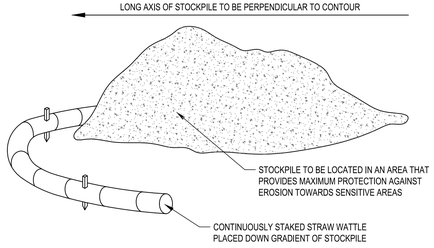


NOTES:

1. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
2. CONSTRUCTION MATERIAL PLACEMENT FOR EROSION AND SEDIMENT CONTROLS AND ANY MAINTENANCE THEREOF IS NOT TO BE COMPACTED.
3. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
4. 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.
5. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
6. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.
7. STONE SHALL BE REMOVED AT THE CONCLUSION OF PROJECT AND ACCUMULATED SEDIMENT DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES AND REGULATIONS. REMOVAL OF STONE SHALL BE AT NO ADDITIONAL COST TO THE OWNER.

1 STABILIZED CONSTRUCTION EXIT

NOT TO SCALE

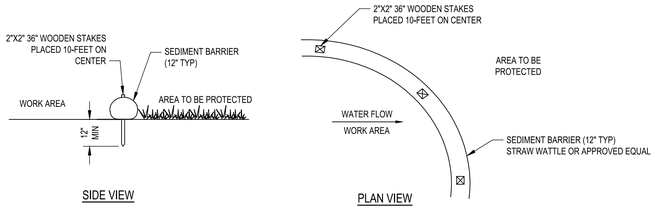


NOTES:

1. STOCKPILE AREAS SHALL BE LOCATED OUTSIDE OF NATURAL RESOURCE PROTECTION AREAS AND ASSOCIATED BUFFERS.

4 TEMPORARY STOCKPILE AREA

NOT TO SCALE

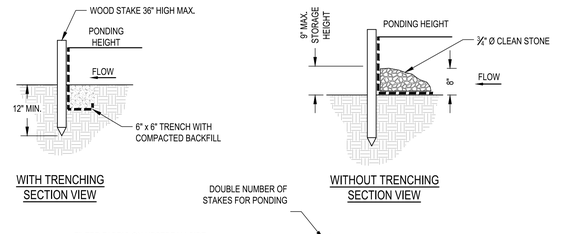


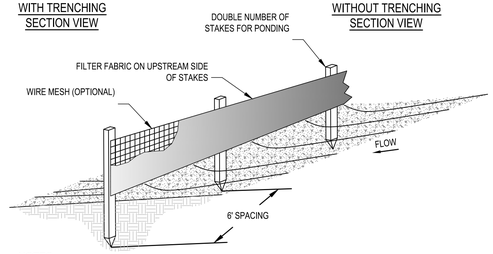
NOTES:

1. SEDIMENT BARRIER SHALL BE PLACED AS INTERMEDIATE SLOPE PROTECTION AND INSTALLED PARALLEL TO EXISTING GROUND CONTOURS.
2. SEDIMENT BARRIER SHALL NOT BE PLACED UP SLOPE, OR IN A MANNER THAT WILL CREATE CHANNELIZED FLOW.
3. SEDIMENT BARRIERS SHALL BE INSPECTED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND IN ACCORDANCE WITH THE SITE EROSION AND SEDIMENTATION CONTROL PLAN.

7 STRAW WATTLE

NOT TO SCALE



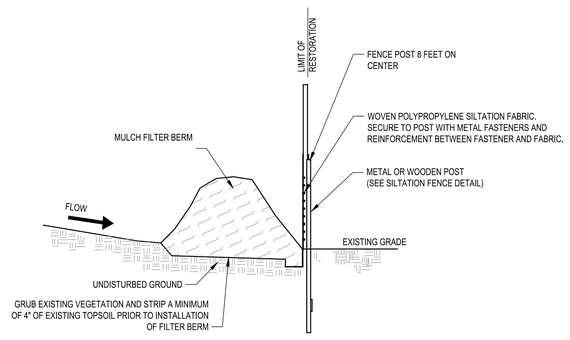


NOTES:

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 KEYED 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.

2 SILT FENCE

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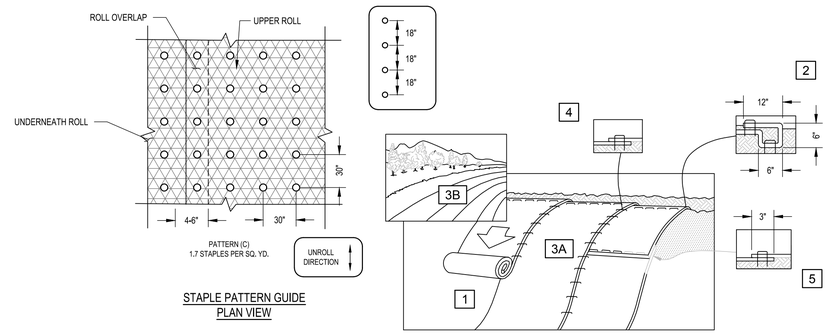


NOTES:

1. AUGMENTED SILT FENCE USING STRAW BALES SHALL BE USED AS ALTERNATIVE TO BERM AUGMENTED SILT FENCE WITH APPROVAL FROM ENGINEER.

5 BERM AUGMENTED SILT FENCE

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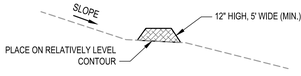


NOTES:

1. EROSION CONTROL BLANKET (ECB) SHALL BE NORTH AMERICAN GREEN, BIONET SC150BN OR APPROVED EQUAL. ECB SHALL BE INSTALLED USING STAPLE PATTERN C IN ACCORDANCE WITH THE INSTALLATION DETAIL INCLUDED ON SHEET C501.
2. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPS), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. GROUND SURFACE MUST BE FREE OF DEBRIS, ROCKS, CLAY CLODS AND RAKED SMOOTH SUFFICIENT TO ALLOW INTIMATE CONTACT OF THE RECP WITH THE SOIL OVER THE ENTIRETY OF THE INSTALLATION.
3. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPS IN A 6" DEEP X 6" WIDE TRENCH. ANCHOR THE RECPS WITH A ROW OF STAPLES/STAKES/PINS SPACED AT 18" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING AND FOLD THE ROLL OVER DOWNSLOPE. SECURE RECPS OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES/PINS SPACED AT 18" APART ACROSS THE WIDTH OF THE RECPS.
4. ROLL THE RECPS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. WHEN LAYING RECPS HORIZONTAL, A MAXIMUM OF TWO ROLL WIDTHS OR 16 FEET, WHICHEVER IS LESS, MAY BE APPLIED UP THE SLOPE. IF TWO ROLL WIDTHS OR 16 FT IS INSUFFICIENT TO COVER THE SLOPE, MATERIAL SHALL BE PLACED VERTICALLY. RECPS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECPS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES/PINS IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. ROLLMAX RECPS AND ECBS SHOULD UTILIZE STAPLE PATTERN C.
5. THE EDGES OF PARALLEL RECPS MUST BE STAPLED WITH APPROXIMATELY 4" - 6" OVERLAP.
6. CONSECUTIVE RECPS SPLICED DOWN THE SLOPE MUST OVERLAPPED WITH THE UPSTREAM MAT ATOP THE DOWNSTREAM MAT (SHINGLE STYLE). THE OVERLAP SHOULD BE 4" - 6".
7. AT THE TERMINAL END, SECURE EACH MAT ACROSS THE WIDTH WITH A ROW OF STAPLES/STAKES/PINS SPACED AT 18". IF EXPOSED TO FLOW, FOOT TRAFFIC, WIND UPLIFT OR OTHER DISRUPTION, TRENCH THE TERMINAL END IN AS SHOWN IN DETAIL.
8. FASTENERS SHOULD PROVIDE A MINIMUM OF 20 LBS OF PULLOUT RESISTANCE. 6" X 1" 11 GAUGE STAPLES ARE TYPICALLY ADEQUATE. IN LOOSE SOILS, LONGER STAPLES MAY BE NECESSARY, TWIST PINS CAN PROVIDE THE GREATEST PULLOUT RESISTANCE. IN HARD OR ROCKY SOILS, STRAIGHT PINS MAY BY USED WHERE STAPLES OR TWIST PINS ARE REFUSED, PROVIDED THE MINIMUM PULLOUT REQUIREMENTS ARE MET.

3 EROSION CONTROL BLANKET

NOT TO SCALE



NOTES:

1. 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.

6 EROSION CONTROL MIX BERM

NOT TO SCALE

NOT FOR CONSTRUCTION

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9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652

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1	LAYOUT CHANGES	4/17/26
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Revisions

Seal:
COMMONWEALTH OF MASSACHUSETTS
MELINDA COSTELLO
CIVIL
No. 52956
PROFESSIONAL ENGINEER
4/17/2026

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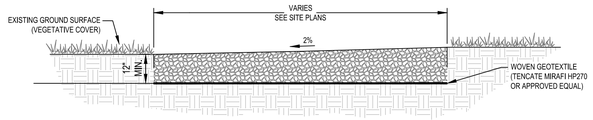
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Drawing Title:
SOIL EROSION AND SEDIMENTATION CONTROL DETAILS

Sheet Number:
C501

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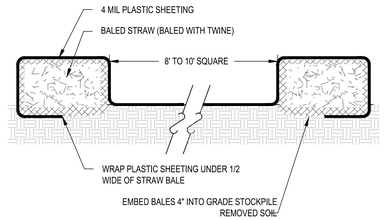


NOTES:

1. ACCESS ROAD TO BE CONSTRUCTED OF A MINIMUM 12" OF GRAVEL BORROW. SEE G002 FOR MATERIAL SPECIFICATIONS.
2. WOVEN GEOTEXTILE TO BE PLACED BETWEEN THE GROUND SURFACE AND THE GRAVEL BORROW.
3. CRUSHED GRAVEL 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 VEGETATED SHOULDERS WHERE AVAILABLE.

1 GRAVEL ACCESS ROAD

NOT TO SCALE

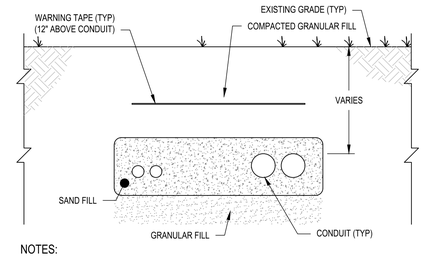


NOTES:

1. PLASTIC SHEETING SHALL BE FREE OF TEARS OR HOLES. AFTER BASIN IS USED, WASHWATER FROM WASHOUT BASIN SHALL EVAPORATE OR BE VACUUMED OUT. REMOVE REMAINING HARDENED SOLIDS. REPLACE PLASTIC SHEETING AND STRAWBALES AS REQUIRED.

2 CONCRETE WASHOUT BASIN

NOT TO SCALE

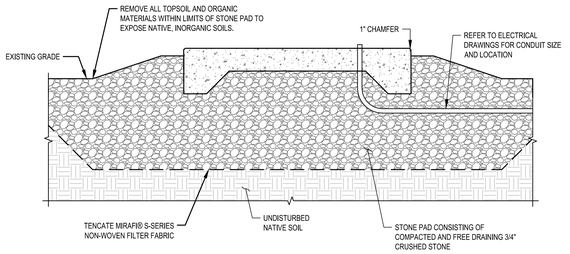


NOTES:

1. TRENCH SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. ELECTRICAL DESIGN AND CONFORMANCE WITH ELECTRICAL CODE REQUIREMENTS BY ELECTRICAL ENGINEER OF RECORD.
2. ALL SIDES OF CONDUITS SHALL HAVE A MINIMUM OF 6" OF SAND BEDDING OFFSET FROM ALL SIDES.
3. FINAL DESIGN TO BE PROVIDED IN ELECTRICAL ENGINEERING PLAN SET.

3 BELOW GRADE CONDUIT (TYP)

NOT TO SCALE

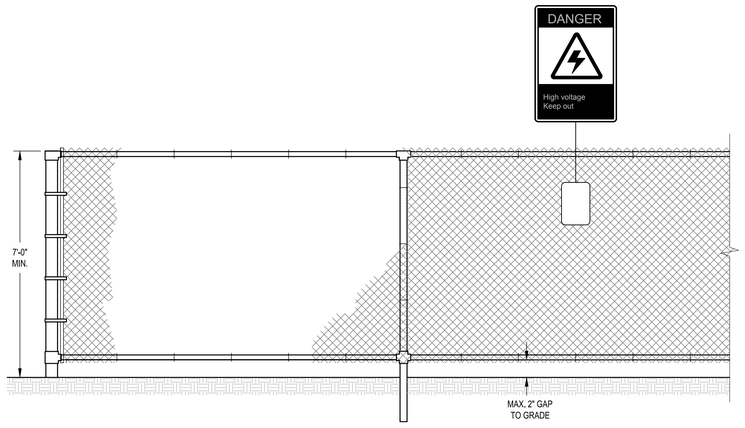


NOTES:

1. DETAIL SHOWN FOR ILLUSTRATIVE PURPOSES. FINAL EQUIPMENT PAD DESIGN TO BE PERFORMED BY OTHERS.

4 CONCRETE EQUIPMENT PAD SECTION (TYP)

NOT TO SCALE

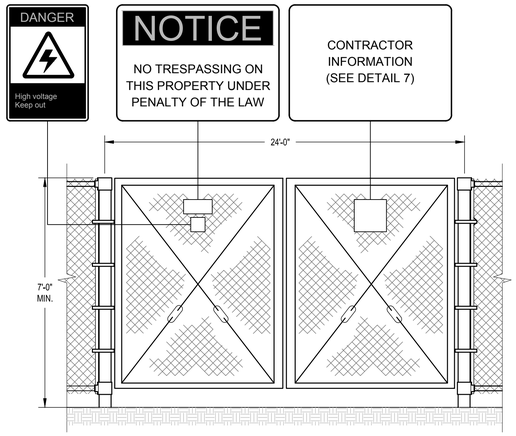


NOTES:

1. FENCE SHALL MEET OR EXCEED THE CHAIN LINK FENCE MANUFACTURER (CLFM) GUIDELINES FOR SECURITY AND CHAIN LINK FENCE MATERIALS AND INSTALLATION.
2. SECURITY FENCE AROUND THE EQUIPMENT PADS SHALL BE CONTINUOUS AND 7'-0" (MINIMUM) PER THE NEC 110.31.
3. THE SECURITY FENCE SHALL BE GROUNDED IN ALL AREAS WHERE THE PV MODULES ARE LOCATED LESS THAN 10'-0" FROM THE FENCE TO LIMIT THE RISE OF HAZARDOUS VOLTAGE (IF APPLICABLE).
4. ALL GATES TO BE INSTALLED WITH KNOX BOX AND SIGNAGE WITH EMERGENCY CONTACT INFORMATION (TYP.),. KNOX BOX KEY SHALL BE GIVEN TO THE TRURO FIRE DEPARTMENT.
5. FENCE POST DESIGN BY OTHERS.

5 POST DRIVEN CHAIN LINK FENCE

NOT TO SCALE



6 CHAIN LINK DOUBLE GATE

NOT TO SCALE

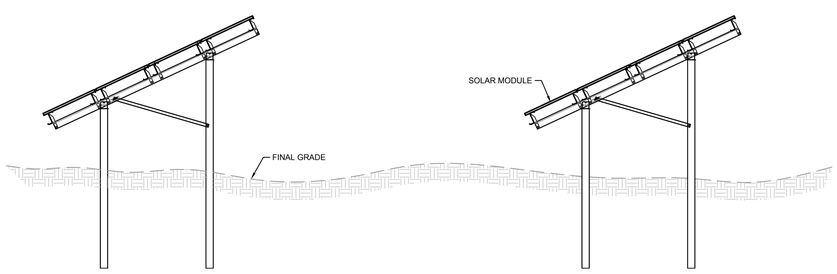


NOTE:

1. CONTRACTOR TO VERIFY EMERGENCY CONTACT INFORMATION.

7 CONTRACTOR INFORMATION SIGN

NOT TO SCALE

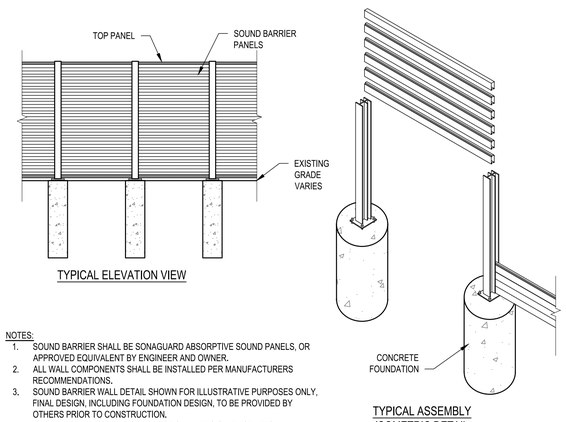


NOTE:

1. DESIGN FOR FOUNDATIONS, RACKING, AND MODULES BY OTHERS. DETAIL SHOWN FOR ILLUSTRATION PURPOSES ONLY.

8 POST DRIVEN SOLAR RACKING SYSTEM

NOT TO SCALE

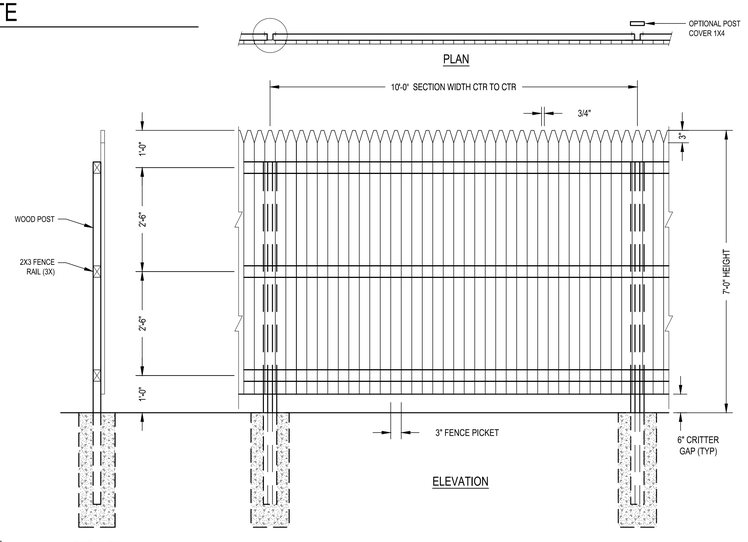


NOTES:

1. SOUND BARRIER SHALL BE SONAGUARD ABSORPTIVE SOUND PANELS, OR APPROVED EQUIVALENT BY ENGINEER AND OWNER.
2. ALL WALL COMPONENTS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
3. SOUND BARRIER WALL DETAIL SHOWN FOR ILLUSTRATIVE PURPOSES ONLY, FINAL DESIGN, INCLUDING FOUNDATION DESIGN, TO BE PROVIDED BY OTHERS PRIOR TO CONSTRUCTION.
4. SHOWN FOR ILLUSTRATIVE PURPOSE ONLY, DESIGN BY OTHERS.

9 SOUND BARRIER WALL

NOT TO SCALE



NOTES:

1. FENCE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY, FINAL DESIGN, INCLUDING FOUNDATION DESIGN, TO BE PROVIDED BY OTHERS PRIOR TO CONSTRUCTION.

10 STOCKADE FENCE

NOT TO SCALE

NOT FOR CONSTRUCTION

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PROPOSED SOLAR PV DEVELOPMENT

9 NOONS DRIVE, TRURO, MASSACHUSETTS 02652

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No. 52956
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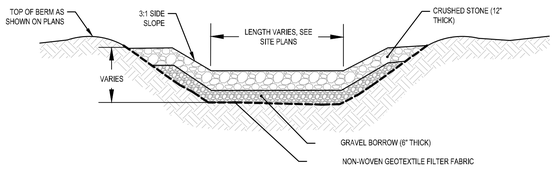
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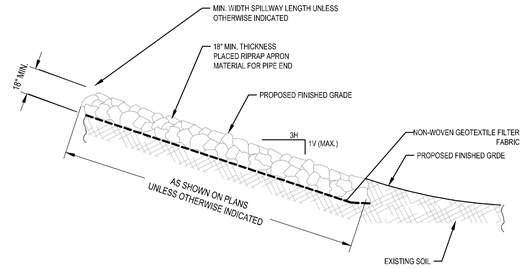
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BASIN SPILLWAY				
BASIN ID	ELEVATION	LENGTH (FT)	WIDTH (FT)	MULTIPLIER
1P	37.50	10.0	18.0	1
2P	52.50	10.0	11.0	1

1 RIPRAP SPILLWAY
NOT TO SCALE



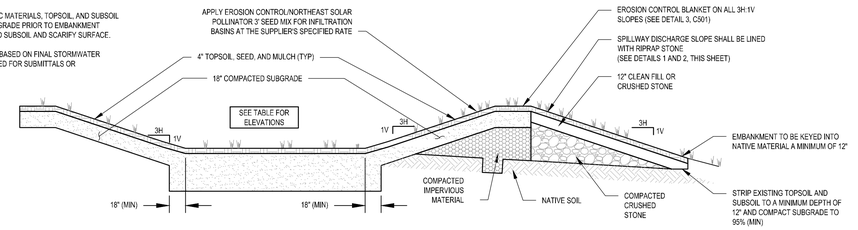
NOTES:

1. RIPRAP APRON MATERIAL TO BE MODIFIED ROCK FILL.

2 RIPRAP APRON AT SPILLWAY
NOT TO SCALE

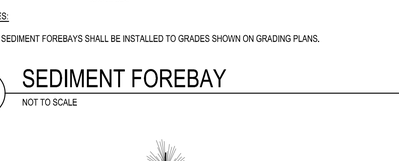
NOTES:

1. REMOVE VEGETATION, DEBRIS, ORGANIC MATERIALS, TOPSOIL, AND SUBSOIL TO A MINIMUM OF 12" BELOW EXISTING GRADE PRIOR TO EMBANKMENT CONSTRUCTION. COMPACTED EXPOSED SUBSOIL AND SCARIFY SURFACE.
2. ELEVATIONS ARE SUBJECT TO CHANGE BASED ON FINAL STORMWATER DESIGN. ELEVATIONS SHALL NOT BE USED FOR SUBMITTALS OR PROCUREMENT ITEMS.



STORMWATER BASIN			
BASIN ID	BOTTOM (ELEV FT)	TOP OF BERM (ELEV FT)	SPILLWAY (ELEV FT)
1P	35.00	38.25	37.50
2P	51.00	53.00	52.50

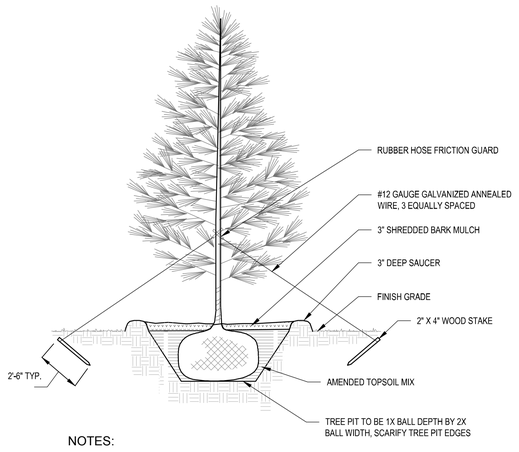
3 STORMWATER INFILTRATION BASIN
NOT TO SCALE



NOTES:

1. SEDIMENT FOREBAYS SHALL BE INSTALLED TO GRADES SHOWN ON GRADING PLANS.

4 SEDIMENT FOREBAY
NOT TO SCALE



NOTES:

1. TREES SHALL BE PLANTED AT A MAXIMUM SPACING OF 12 FEET ON CENTER.

TREE PLANTING TABLE			
QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE
26	LEYLAND CYPRESS	CUPRESSUS X LEYLANDII	6' - 7' HEIGHT

5 CONIFEROUS TREE PLANTING
NOT TO SCALE

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