

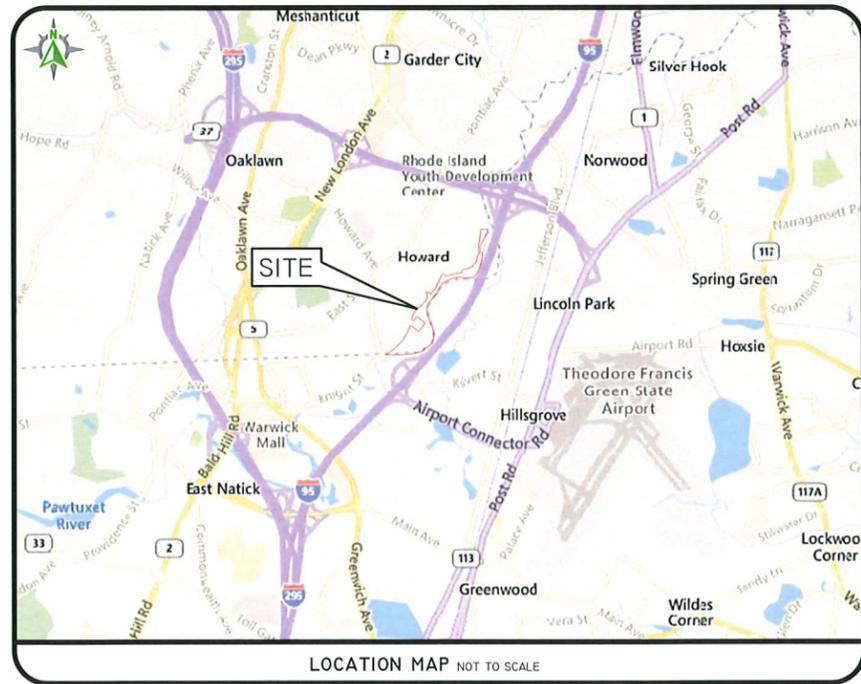
PRELIMINARY PLAN SUBMISSION

SHARPE DRIVE SOLAR

SHARPE DRIVE

CRANSTON, RHODE ISLAND

ASSESSOR'S PLAT 13 LOT 47



LOCATION MAP NOT TO SCALE

SHEET LIST TABLE

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Z:\05MAN\PROJECTS\2023\21-021 SHARPE DRIVE SOLAR\AUTOCAD DRAWINGS\21-021-001-CVAR.DWG PLOTTEE 1/7/2024

DiPrete Engineering



Two Stafford Court Cranston, RI 02920
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Boston • Providence • Newport

BRIAN C. GIROUX
REG. NO. 3341
REGISTERED
PROFESSIONAL ENGINEER
CIVIL

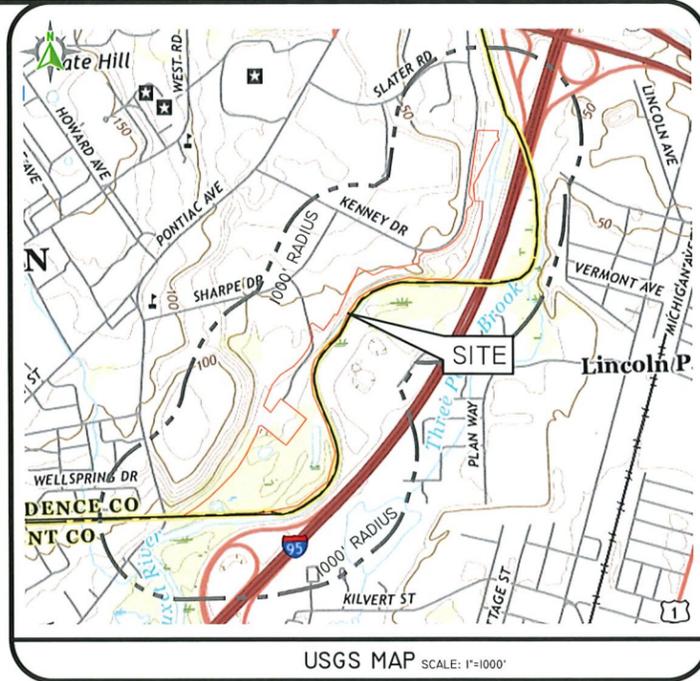
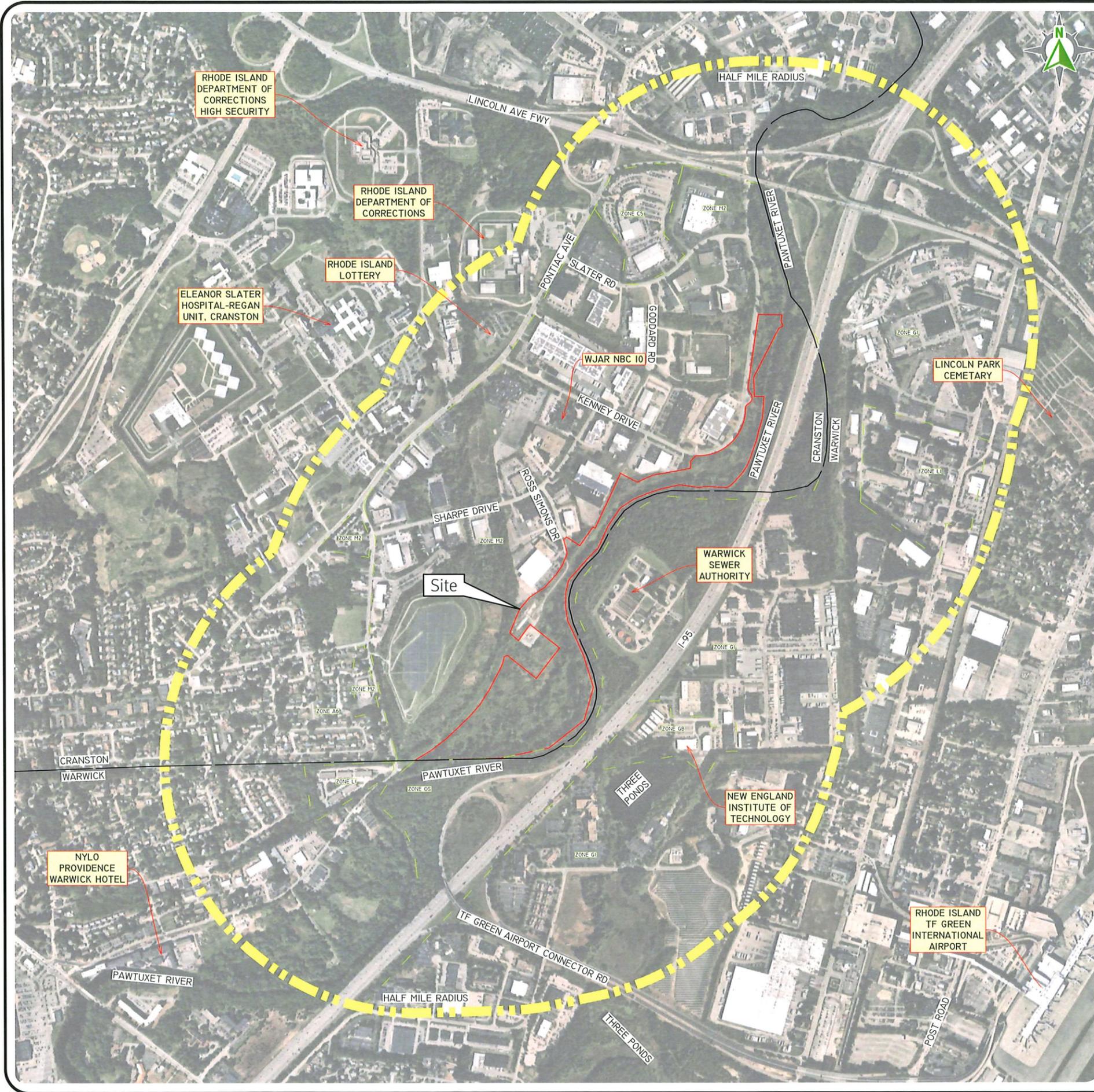
THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.
THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, SAFETY, PREPARATIONS AND REQUIREMENTS, AND OSHA COMPLIANCE IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.
EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND DAMAGE INCURRED DUE TO LOCATION OF EXISTING UTILITIES. SEE UTILITY NOTE ON SHEET 2.

| NO. | DATE | DESCRIPTION | BY |
|-----|------------|-----------------------------|--------|
| 1 | 12-22-2023 | PRELIMINARY PLAN SUBMISSION | S.R. |
| 2 | 12-22-2023 | DEVELOPMENT PLAN REVIEW | S.R. |
| 3 | 12-22-2023 | RESPONSE TO COMMENTS | S.R. |
| 4 | 12-22-2023 | PERMIT SUBMISSION | S.R. |
| 5 | 12-22-2023 | DESIGN | K.E.D. |

COVER SHEET

SHARPE DRIVE SOLAR
ASSESSOR'S PLAT 13 LOT 47
CRANSTON, RHODE ISLAND

PREPARED FOR:
SHARPE SOLAR, LLC
117 METRO CENTER BLVD., WARWICK, RHODE ISLAND 02886
TEL (401) 922-5554



USGS MAP SCALE: 1"=1000'

PHOTO OBTAINED FROM NEARMAP.
DATE OF PHOTOGRAPHY 09/14/2022.
SCALE: 1"=1000'
0 500' 1000' 2000'

Z:\DEMAN\PROJECTS\2022\021 SHARPE DRIVE SOLAR\AUTOCAD DRAWINGS\2022-021-SHARPE.DWG PLOTTED 5/17/2024

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Boston • Providence • Newport

BRIAN C. GIROUX
REG. NO. 03341
REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS ACCOMPANIED BY THE PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE.
DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING, DIPRETE ENGINEERING, INC. OR AN AFFILIATE COMPANY.
THE ENGINEER ASSUMES RESPONSIBILITY FOR ALL OF THE MEANS, METHODS, SAFETY, PRECAUTIONS AND REQUIREMENTS, AND OSHA COMPLIANCE IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.
EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND NOT TO BE RELIED UPON FOR EXISTING UTILITIES. DAMAGES INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES ARE THE USER'S RESPONSIBILITY.
SEE UTILITY NOTE ON SHEET 3.

| | | | |
|-----|------------|---------------------------------|------|
| NO. | DATE | DESCRIPTION | BY |
| 1 | 02-22-2024 | PREPARED FOR PERMITS SUBMISSION | S.R. |
| 2 | 02-22-2024 | REVISION: PERMITS SUBMISSION | S.R. |
| 3 | 02-22-2024 | REVISION: PERMITS SUBMISSION | S.R. |
| 4 | 02-22-2024 | REVISION: TO COMMENTS | S.R. |
| 5 | 02-22-2024 | REVISION: PERMITS SUBMISSION | S.R. |
| NO. | DATE | DESCRIPTION | BY |
| 1 | | | BY: |

DESIGN BY: K.E.D.
DRAWN BY: S.R.

AERIAL AND HALF MILE RADIUS
SHARPE DRIVE SOLAR
ASSESSOR'S PLAT 13 LOT 47
CRANSTON, RHODE ISLAND
PREPARED FOR:
SHARPE SOLAR, LLC
117 METRO CENTER BLVD., WARWICK, RHODE ISLAND 02886
TEL (401) 922-9954

GENERAL NOTES:

- 1. THE SITE IS LOCATED ON THE CITY OF CRANSTON ASSESSOR'S PLAT 15 LOT 47.
2. THE SITE IS APPROXIMATELY 4.91 ACRES AND IS ZONED M2.
3. THE OWNER OF APV 15 LOT 47 IS:
PAINTUCKET RIVER AUTHORITY
DBA PAINTUCKET RIVER WATERSHED COUNCIL
8 HOFE FURNACE ROAD
HOPE, RHODE ISLAND 02881
4. THIS SITE IS LOCATED IN FEMA FLOOD ZONES X AND AE. REFERENCE FEMA FLOOD INSURANCE RATE MAP 440702C427H, MAP REVISION OCTOBER 2, 2015. (FLOOD PLAN DESCRIPTIONS SHOWN BELOW).
ZONE AE - THIS SITE IS LOCATED IN FEMA FLOOD ZONE AE, WHICH ARE SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD. BASE FLOOD ELEVATIONS HAVE BEEN DETERMINED.
ZONE X (SHADED) - THIS SITE IS LOCATED IN FEMA FLOOD ZONE X, WHICH ARE AREAS OF 0.2% ANNUAL CHANCE OF FLOOD, AREAS OF 1% ANNUAL CHANCE OF FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.
5. THE OVERALL BOUNDARY SHOWN ON SHEETS 1, 2 AND 4 IS COMPILED FROM DOCUMENTS OF RECORD AND IS NOT TO BE CONSIDERED AS A BOUNDARY SURVEY. THIS COMPILATION PLAN HAS BEEN PREPARED FROM SOURCES OF INFORMATION AND DATA WHOSE POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED. THE OVERALL PROPERTY LINES DEPICTED DO NOT REPRESENT A BOUNDARY OPINION, AND OTHER INFORMATION DEPICTED IS SUBJECT TO SUCH CHANGES AS AN AUTHORITY FIELD SURVEY MAY DISCLOSE.
THE BOUNDARY LINES AS SHOWN ON SHEETS 5, 6 AND 7 DEPICT THE RESULTS OF A CLASS I BOUNDARY RETRACEMENT SURVEY AS PERFORMED BY DIPRETE ENGINEERING. THIS PLAN IS NOT TO BE CONSIDERED AS A CLASS I BOUNDARY RETRACEMENT SURVEY PLAN AND IS NOT SUITABLE FOR RECORDING AS A CLASS I STANDARD SURVEY PLAN.
6. CONTOUR DATA SHOWN ON THIS PLAN CONFORMS TO A T-4 TOPOGRAPHICAL SURVEY STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS; SAID DATA IS BASED ON ELEVATION INFORMATION THAT WAS COLLECTED WITH AIRBORNE LIDAR TECHNOLOGY FOR THE ENTIRE AREA OF RHODE ISLAND BETWEEN APRIL 22 AND MAY 6, 2011 AS PART OF THE NORTHEAST LIDAR PROJECT. THIS DATA'S POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED BY DIPRETE ENGINEERING AND IS SUBJECT TO CHANGES AN AUTHORITY FIELD SURVEY MAY DISCLOSE.
7. ALL WORK PERFORMED HEREIN IS TO BE COVERED BY CURRENT EDITIONS OF THE RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CITY OF CRANSTON STANDARD SPECIFICATIONS AND DETAILS AND SPECIFICATIONS INCLUDED AS PART OF THE DRAWINGS. IN AREAS OF CONFLICT BETWEEN STANDARD SPECIFICATIONS, THE DESIGN PLANS AND PROJECT SPECIFICATIONS WILL TAKE PRECEDENCE OVER THE GENERAL SPECIFICATIONS AND THE CEOR WILL INTERPRET THE CONSTRUCTION REQUIREMENT. THE CONTRACTOR IS ADVISED TO SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ANY AREAS OF CONFLICT BEFORE COMMITTING TO CONSTRUCTION.
8. THE SITE IS WITHIN A:
GROUNDWATER PROTECTION AREA (RIDEH)
NATURAL HERITAGE AREA (RDEH)
9. THE SITE IS LOCATED WITHIN THE FRESHWATER WETLAND BUFFER URBAN REGION PER THE FRESHWATER WETLANDS BUFFER REGIONS MAPS (250-RICR-150-15-3.2A).
10. THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET:
SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC). THE SESC CONTAINS THE FOLLOWING:
EROSION CONTROL MEASURES
SHORT TERM MAINTENANCE
ESTABLISHMENT OF VEGETATIVE COVER
CONSTRUCTION POLLUTION PREVENTION
SEQUENCE OF CONSTRUCTION
STORMWATER OPERATION AND MAINTENANCE PLAN (OBM). THE OBM CONTAINS:
LONG TERM MAINTENANCE
LONG TERM POLLUTION PREVENTION
11. THIS PLAN SET REFERENCES RIOT STANDARD DETAILS (DESIGNATED AS RIOT STD X.X.X). RIOT STANDARD DETAILS ARE AVAILABLE FROM RIOT AND ONLINE AT:
HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP
12. THE DRAINAGE SYSTEM IS DESIGNED TO MEET CITY OF CRANSTON SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIOT BEST MANAGEMENT PRACTICES.
13. THE SITE IS PROPOSED TO BE BUILT IN I PHASE.
14. WETLAND EDGE DELINEATED BY NATURAL RESOURCE SERVICES AND SURVEYED BY NATURAL RESOURCE SERVICES USING SUBMITTER GPS ON AUGUST 17, 2022.
15. ANY PROPRIETARY PRODUCTS REFERENCED IN THIS PLAN SET ARE REPRESENTATIVE OF THE MINIMUM DESIGN REQUIREMENTS FOR THE PURPOSE THEY PROPOSE TO SERVE. ALTERNATIVES TO ANY PROPRIETARY PRODUCT MAY BE SUBMITTED TO THE CEOR FOR CONSIDERATION, WHICH MUST BE ACCOMPANIED BY APPROPRIATE SPECIFICATION SHEETS/DESIGN CALCULATIONS THAT DEMONSTRATE THE ALTERNATIVES MEET THE MINIMUM DESIGN PARAMETERS OF THE PRODUCT SHOWN ON THE PLANS. NO ALTERNATIVES MAY BE USED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
16. THIS PLAN SET MAY REFERENCE AND/OR INCLUDE REPRODUCTIONS OF PROPRIETARY PRODUCTS/ DETAILS BY OTHERS, AND/OR THEIR ASSOCIATED SPECIFICATIONS, ANY REFERENCED OR REPRODUCED PROPRIETARY PRODUCT OR DETAIL BY OTHERS THAT IS SHOWN ON CEOR PLANS IS STRICTLY FOR INFORMATION/SPECIFICATION PURPOSES ONLY. DIPRETE ENGINEERING DOES NOT WARRANT ANY PROPRIETARY PRODUCTS, DETAILS BY OTHERS OR THEIR RESPECTIVE DESIGNS. IF A DIPRETE ENGINEERING PLAN INCLUDES A PROPRIETARY PRODUCT/DETAIL BY OTHERS (EITHER EXPLICITLY OR IMPLIED) AND IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND/OR REGISTERED LANDSCAPE ARCHITECT OF DIPRETE ENGINEERING, SAID STAMP DOES NOT EXTEND TO ANY PORTION OF THE PROPRIETARY PRODUCT/DETAIL BY OTHERS OR ITS DESIGN.

SOIL INFORMATION:

(REFERENCE: SOIL MAPPING OBTAINED FROM RIGIS. SOIL GEOGRAPHIC DATA DEVELOPED BY THE RHODE ISLAND SOIL SURVEY PROGRAM IN PARTNERSHIP WITH THE NATIONAL COOPERATIVE SOIL SURVEY)

SOIL NAME DESCRIPTION

Table with 2 columns: Symbol and Soil Name Description. Includes symbols for Podzic Fine Sandy Loam, Quonset Gravelly Sandy Loam, Runey Fine Sandy Loam, and Urban Land.

NOTE: *FRIME FARMLAND

SOIL EROSION AND SEDIMENT CONTROL NOTES:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE WHICH MUST BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS AND AUTHORITY HAVING JURISDICTION. THE CONTRACTOR MUST NOTIFY THE CEOR, THE DIRECTOR OF PUBLIC WORKS, THE TOWN ENGINEER, AND RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
2. ALL EROSION MUST BE INSTALLED PER THE LATEST EDITION OF THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL (RISESC) HANDBOOK AND THE SOIL EROSION AND SEDIMENT CONTROL PLAN(S).
3. NOTE THE SOIL EROSION AND SEDIMENT CONTROL SHOWN ON THESE PLANS ARE THE MINIMUM QUANTITIES OF EROSION CONTROL DEVICES AND MATERIALS DEEMED REQUIRED BY THE CEOR TO MEET THE OBJECTIVES OF THE RISESC HANDBOOK, BUT IS CONSIDERED A GUIDE ONLY. ADDITIONAL MEASURES/ALTERNATE CONFIGURATIONS MAY BE REQUIRED IN ORDER TO MEET THE RISESC HANDBOOK BASED ON FACTORS INCLUDING (BUT NOT LIMITED TO) SITE PARAMETERS, WEATHER, INSPECTIONS AND UNIQUE FEATURES. THE SESC WILL CONTINUE TO EVOLVE THROUGHOUT CONSTRUCTION/PHASES. PURSUANT TO NOTE 1 ABOVE, SESC REMAINS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL THE SITE IS FULLY STABILIZED AND/OR SESC RESPONSIBILITIES ARE ASSUMED BY THE OWNER IN WRITING.
4. TEMPORARY SWALES MUST BE USED TO CONTROL RUNOFF DURING CONSTRUCTION OF THE PROPOSED SITE WORK, AND MUST BE VEGETATED AFTER CONSTRUCTION. EROSION CONTROL MATS MUST BE INSTALLED, IF NECESSARY, TO PREVENT EROSION AND SUPPORT VEGETATION. AFTER CONSTRUCTION IS COMPLETE AND TRIBUTARY AREAS TO THE SWALES HAVE BEEN STABILIZED, THE TEMPORARY SWALES MUST BE CLEARED AND FINAL DESIGN, INCLUDING INSTALLATION OF THE GRASS SWALE MUST BE PER THE DESIGN PLANS.
5. FOR SEQUENCE OF CONSTRUCTION, PROJECT PHASING AND CONSTRUCTION PHASING SEE SESC PLAN.
6. CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM THE CEOR AND OWNER.
7. IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE PERFORMED IN THE DESIGNATED CONCRETE WASHOUT AREA.

SOIL EROSION AND SEDIMENT CONTROL PHASING NOTES:

- 1. OVERALL SITE CONSTRUCTION PHASING TO BE BASED PER SEDIMENT TRAP CONTRIBUTING CATCHMENT, UNLESS OTHERWISE APPROVED IN WRITING BY THE CEOR.
2. SEDIMENT EROSION CONTROL PHASING TO MINIMIZE DISTURBANCE TO THE MAXIMUM EXTENT PRACTICABLE.
3. ANY AREAS THAT ARE CLEARED AND GRUBBED THAT ARE EITHER A) NOT TRIBUTARY TO A SEDIMENT TRAP, OR ARE NOT INTENDED FOR IMMEDIATE DEVELOPMENT EARTHWORKING, MUST BE STABILIZED IMMEDIATELY INCLUDING (BUT NOT LIMITED TO) SLOPE INTERRUPTORS, HYDROSEED BOND FIBRE MATRIX (BFM), EROSION CONTROL MULCH (ECM), OR FLEXIBLE GROWTH MEDIUM (FGM) BEST SUITED TO THE INSITU SOIL PARAMETERS AS ASSESSED BY THE GEOTECHNICAL ENGINEER.

DEMOLITION NOTES:

- 1. CONTRACTOR MUST NOTIFY 'DIG SAFE' AT 811 (OR 1-888-344-7233) A MINIMUM OF 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR MUST OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR MUST PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCES DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL STREETS.
4. ANY EXISTING BUILDINGS AND PROPERTY PROPOSED TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (RBD) ALL MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HEREIN. RBD MATERIALS INCLUDE BUT ARE NOT LIMITED TO PAVEMENT, GRAVEL, CATCH BASINS, MANHOLES, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
6. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, ALL DISTURBED AREAS INCLUDING THE CONTRACTOR'S STOCKPILE AND STAGING AREAS WITHIN THE LIMIT OF WORK MUST BE RESTORED TO MATCH THE DESIGN PLANS.
7. CONTRACTOR MUST DOCUMENT LOCATION OF ALL SUBSURFACE UTILITIES REMAINING IN PLACE AFTER DEMOLITION (ACTIVE AND INACTIVE/ABANDONED). LOCATION MUST BE DOCUMENTED BY FIELD SURVEY OR SWING TIES. COPIES OF LOCATION DOCUMENTATION MUST BE PROVIDED TO THE OWNER FOLLOWING COMPLETION OF DEMOLITION AND PRIOR TO START OF NEW CONSTRUCTION. A MARKER MUST BE INSTALLED TO FINISH GROUND AT ALL INSTALLED CAPS/PLUGS. THE MARKER CAN BE A POST IN CONSTRUCTION AREAS OR PAINTED ON A PERMANENT SURFACE.
8. ACTIVE UTILITY LINES AND STRUCTURES NOT SPECIFICALLY NOTED ON PLANS, BUT WHICH ARE ENCOUNTERED TO BE IN CONFLICT WITH THE PROPOSED WORK, MUST BE EXTENDED, PROTECTED, OR REWORKED BY THE CONTRACTOR AS DIRECTED OR REQUIRED BY THE UTILITY ENTITY OR OWNER UNLESS OTHERWISE NOTED.
9. CONTRACTOR MUST COORDINATE THE CUTTING AND CAPPING OF ALL UTILITIES WITH THE MUNICIPALITY, AND ALL APPLICABLE UTILITY ENTITIES HAVING JURISDICTION.
10. INACTIVE SUBSURFACE UTILITIES NOT IN CONFLICT WITH THE PROPOSED WORK AREA MAY BE ABANDONED IN PLACE WITH WRITTEN PERMISSION FROM THE OWNER.

TRAFFIC NOTES:

- 1. ALL TRAFFIC CONTROL MUST CONFORM TO THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CURRENT EDITION.
2. DURING CONSTRUCTION, TRAFFIC CONES MUST BE USED FOR SEPARATION OF ACTIVE TRAFFIC FROM WORK ZONE PER MUTCD REQUIREMENTS.
3. DURING CONSTRUCTION FLAGGERS MUST BE EMPLOYED TO ENSURE SAFETY FOR INTERACTION OF CONSTRUCTION VEHICLES AND ACTIVE TRAFFIC.
4. ALL SIGNS, FLAGGERS, TRAFFIC CONTROL DEVICES, AND TEMPORARY TRAFFIC ZONE ACTIVITIES MUST MEET THE REQUIREMENTS OF THE MUTCD LATEST EDITION AND SUBSEQUENT ADDENDA.
5. TEMPORARY CONSTRUCTION SIGNS MUST BE MOUNTED ON RIOT APPROVED SUPPORTS AND MUST BE REMOVED OR COVERED WHEN NOT APPLICABLE.

AS-BUILT NOTES:

ALL COMPONENTS OF THE DRAINAGE, SEWER, AND WATER SYSTEMS MUST BE FIELD LOCATED PRIOR TO COVERING. NOTIFY SURVEYOR A MINIMUM OF SEVENTY-TWO (72) HOURS IN ADVANCE OF NEED FOR FIELD LOCATION OF IMPROVEMENTS. SURVEYORS MUST PROVIDE OWNER AND CONTRACTOR WITH WRITTEN NOTICE OF COMPLETION OF FIELD WORK PRIOR TO CONTRACTOR COVERING IMPROVEMENTS. OWNER/DIPRETE ENGINEERING WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

LAYOUT AND MATERIALS:

- 1. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR MUST REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
2. CONTROL POINTS, PROPOSED BOUNDS, AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION MUST BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
3. CONTRACTOR MUST NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS AND DATA FILES THAT ARE OBTAINED FROM THE CEOR. CONTRACTOR MUST VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE STAMPED PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

GRADING, DRAINAGE, AND UTILITY NOTES:

- 1. CONSTRUCTION TO COMMENCE WINTER 2024 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
2. THE CONTRACTOR MUST COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS MUST BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE.
3. ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS MUST BE COORDINATED WITH OWNER, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
4. ALL REMAINING WALLS AND STEEP SLOPES ARE SUBJECT TO FINAL STRUCTURAL DESIGN. DIPRETE ENGINEERING IS NOT PROVIDING THE STRUCTURAL DESIGN OF THESE ITEMS. ALL WALLS AND STEEP SLOPES MUST BE DESIGNED AND BUILT UNDER THE DIRECTION OF A RHODE ISLAND LICENSED PROFESSIONAL ENGINEER SUITABLY QUALIFIED IN GEOTECHNICAL ENGINEERING AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS MUST BE SUBMITTED PRIOR TO CONSTRUCTION. FINAL STRUCTURAL DESIGN MUST INCORPORATE THE INTENT OF THE GRADING SHOWN ON THESE PLANS AND ALL WORK MUST BE WITHIN THE LIMIT OF DISTURBANCE SHOWN ON THE PLANS.
5. ALL CUT AND FILL WORK MUST BE DONE UNDER THE DIRECTION OF A PROFESSIONAL GEOTECHNICAL ENGINEER, WITH TESTING AND CERTIFICATION PROVIDED TO THE OWNER AT THE COMPLETION OF THE PROJECT. DIPRETE ENGINEERING IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.
6. MATERIAL STOCKPILES MUST NOT BE LOCATED IN THE RIGHT-OF-WAY, AND TRENCHES MUST NOT BE LEFT OPEN OVERNIGHT.
7. ALL LOAM IN DISTURBED AREAS MUST BE STOCKPILED FOR FUTURE USE. ALL STOCKPILED LOAM MUST BE REUSED ON SITE.
8. ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, MUST BE DISCARDED OFF SITE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. STUMPS MUST BE GROUND ON SITE OR REMOVED.
9. NO STUMP PUMPS ARE ALLOWED ON SITE.
10. CONTRACTOR MUST HOLD SUPPORT RESTORE ALL EXISTING UTILITY COMPONENTS INCLUDING (BUT NOT LIMITED TO) POLES, MAST ARMS AND ABOVEGROUND OBJECTS AS NECESSARY DURING THE PROPOSED WORKS AND ELECTRICAL INSTALLATION. CONTRACTOR MUST COORDINATE SAID WORKS WITH ALL ASSOCIATED UTILITY OWNERS ACCORDINGLY. ANY EXISTING ITEMS DAMAGED OR REMOVED AS INCIDENTAL DURING UTILITY CONNECTIONS/ELECTRICAL INSTALLATION INCLUDING (BUT NOT LIMITED TO) CURB IN THE ROW MUST BE REPLACED IN KIND FOLLOWING COMPLETION OF WORKS.

ELECTRIC:

PROPOSED ELECTRIC UTILITIES ARE SHOWN SCHEMATICALLY. OWNER AND CONTRACTOR MUST COORDINATE FINAL DESIGN WITH APPROPRIATE UTILITY COMPANIES. ALL WORK MUST BE IN ACCORDANCE WITH EACH UTILITY COMPANY'S STANDARDS AND DETAILS AS WELL AS LOCAL AND FEDERAL REGULATIONS. THIS INCLUDES BUT IS NOT LIMITED TO POLES, TRANSFORMERS, PULL BOXES, CONCRETE PADS, CONCRETE ENCASUREMENTS AND CONDUITS. CONNECTION POINTS FOR ELECTRIC AND TELECOM UTILITIES, AT THE EXISTING INFRASTRUCTURE, ARE CURRENTLY SHOWN AS UNDERGROUND UTILITIES. THESE UTILITIES MAY BE UNDERGROUND OR OVERHEAD AND MUST BE COORDINATED WITH RI ENGINEER PRIOR TO CONSTRUCTION.

SITE LIGHTING:

SITE LIGHTING (TEMPORARY AND PERMANENT) MUST BE DIRECTED AWAY FROM AND SHIELDED FROM ENVIRONMENTALLY SENSITIVE AREAS AND ABUTTING LANDS. EXACT LOCATIONS OF LIGHT POLES MUST BE COORDINATED WITH THE APPROPRIATE UTILITIES, AND MUST BE LOCATED WITHIN THE STREET RIGHT-OF-WAY. FINAL LIGHTING AND CONDUIT LOCATIONS BY OTHERS.

ABBREVIATIONS LEGEND

Table listing abbreviations and their corresponding full names. Includes ADA (Americans with Disability Act), AHJ (Authority Having Jurisdiction), AP (Assessor's Plat), ARCH (Architect), BC (Bottom of Curb), BT (Bottom of Testhole), BIT (Bituminous (BERM)), BIO (Bioretention), BS (Basement Slab Elevation), BW (Finished Grade at Bottom of Wall), CB (Catch Basin), (C) (Calculated), CL (Centerline), (CA) (Chord Angle), CEOR (Civil Engineer of Record, Diprete Engineering Unless Designated Otherwise by Owner), CLDIP (Concrete Lined Ductile Iron Pipe), CO (Clean Out), CONC (Concrete), (D) (Deed), DCB (Double Catch Basin), DI (Drop Inlet), DPM (Drainage Manhole), IP (Infiltration Pond), ELEV (Elevation), EOP (Edge of Pavement), ESC (Erosion and Sediment Control), EX (Existing), FES (Flared End Section), FFE (Finish Floor Elevation), GS (Garage Slab Elevation), GW (Ground Water Table), HW (Headwall), HC (High Capacity Catch Basin Grate), HOPE (Site Lighting (Temporary and Permanent) Must be Directed Away From and Shielded From Environmentally Sensitive Areas and Abutting Lands. Exact Locations of Light Poles Must be Coordinated with the Appropriate Utilities, and Must be Located within the Street Right-of-Way. Final Lighting and Conduit Locations by Others), INV (Invert), IP (Infiltration Pond), LARCH (Landscape Architect), LF (Linear Feet), LOD (Limit of Disturbance), LP (Light Pole), (M) (Measured), MEP (Mechanical/Electrical/Plumbing Engineer), M/F (Now or Formerly), OHW (Overhead Wire), PE (Polyethylene), P (Property Line), PROPOSED, PVC (Polyvinyl Chloride), R (Radius), RAO (Remove and Dispose), RCP (Reinforced Concrete Pipe), RIBB (Rhode Island), RH (Rhode Island), RL (Right Leader), ROW (Right-of-Way), S (Slope), SD (Subdrain), SED (Sediment Forebay), SF (Square Foot), SFL (State Freeway Line), SFM (Sewer Force Main), SG (Slab on Grade Elevation), SHL (State Highway Line), SPH (Sewer Manhole), SHDF (Sand Filter), SLS (Side Slope), STA (Station), TC (Top of Curb), 25' BUFFER, 50' BUFFER, 75' BUFFER, 100' BUFFER, 150' BUFFER, GRADE AT TOP OF WALL, TYP (Typical), UDS (Underground), DETENTION SYSTEM, ULS (Underground), INFILTRATION SYSTEM, UP (Utility Pole), WQ (Walkout Elevation), WQ (Water Quality).

EXISTING LEGEND

Table listing existing features and their symbols. Includes Property Line, Assessors Line, Building, Brushline, Tree Line, Guardrail, Fence, Retaining Wall, Stone Wall, Minor Contour Line, Major Contour Line, Water Line, Sewer Line, Sewer Force Main, Gas Line, Electric Line, Overhead Wires, Drainage Line, Soils Lines, 25' Buffer, 50' Buffer, 75' Buffer, 100' Buffer, 150' Buffer, Grade at Top of Wall, Typical, Jurisdictional Area, 200' Stream Jurisdictional Area, FEMA Boundary, Stream, Wetland Line & Flag, State Highway Line, State Freeway Line, Nail Found/Set, Drill Hole Found/Set, Iron Rod Found/Set, Bolt Found/Set, Sign, Bollard, Soil Evaluation, CB (Catch Basin), DCB (Double Catch Basin), DPM (Drainage Manhole), FES (Flared End Section), GUY POLE, EMH (Electric Manhole), UP (Utility/Power Pole), LIGHTPOST, SPH (Sewer/Septic Manhole), SEWER VALVE, CLEANOUT, HYDRANT, IRRIGATION VALVE, WATER VALVE, WELL, MONITORING WELL, UNKNOWN MANHOLE, GAS VALVE, BENCH MARK, STREAM FLOW DIRECTION, GROUNDWATER OVERLAY, GROUNDWATER RECHARGE AREA, GROUNDWATER RESERVOIR, NATURAL HERITAGE, COMMUNITY WELLHEAD PROTECTION, NON-COMMUNITY WELLHEAD PROTECTION.

PROPOSED LEGEND

Table listing proposed features and their symbols. Includes Property Line, Building Setbacks, Chainlink Fence, Guardrail, Retaining Wall, Minor Contour Line, Major Contour Line, Spot Elevation, Edge of Pavement, Bituminous Berm, Concrete Curb, Monolithic Concrete Curb and Sidewalk, Building Footprint, Building Overhang, Asphalt Pavement, Heavy Duty Asphalt Pavement, Heavy Duty Concrete, Hill and Overlay, Concrete, Asphalt Sidewalk, Sawcut Line, Drainage Line, Perforated Subdrain, Swale, Sewer Force Main, Gas Line, Water Line, Hydrant Assembly, Water Shut Off, Water Valve, Thrust Block, Sewer Line, Overhead Wire, Electric, Telephone, Cable Line, Limit of Disturbance/Limit of Clearing, Slopes Steeper than 3:1 (2:1 or 1:1 Slopes), Underground Infiltration Outline, Pond Access, Infiltrating Gravel, Sand Filter, Catch Basin, Double Catch Basin, Sewer Manhole, Single Light, Double Light, Overhanging Light.

NOTE: THIS PLAN SET MUST BE REPRODUCED IN COLOR

UTILITY NOTE:

ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATION, BLASTING, UTILITY INSTALLATION, BACKFILLING, GRADING, PAVEMENT RESTORATION, AND ALL OTHER SITE WORK. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THESE DOCUMENTS. CONTACT DIG SAFE A MINIMUM OF 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 811. DIG SAFE IS RESPONSIBLE FOR CONTACTING MEMBER UTILITY COMPANIES. DIG SAFE MEMBER UTILITY COMPANIES ARE RESPONSIBLE TO MARK ONLY THE FACILITIES THAT THEY OWN OR MAINTAIN. NON DIG SAFE MEMBER COMPANIES ARE NOT NOTIFIED BY DIG SAFE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND NOTIFY IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA.
FOR THE CODE OF FEDERAL REGULATIONS - TITLE 29, PART 1926 IT IS THE SITE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ACCURATE UNDERGROUND UTILITY LINE LOCATIONS FROM THE UTILITY COMPANIES, UTILITY OWNERS AND/OR VIA UNDERGROUND UTILITY LOCATION EQUIPMENT AS NEEDED TO ESTABLISH ACCURATE LOCATIONS PRIOR TO ANY EXCAVATION. THE USE OF PROFESSIONAL UTILITY LOCATING COMPANIES PRIOR TO ANY EXCAVATION IS RECOMMENDED.
DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES, DEPICTED OR NOT, EITHER IN SERVICE OR ABANDONED, ANY SIZES, LOCATIONS, EXISTENCE, OR LACK OF EXISTENCE OF UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNLESS VERIFIED BY A PROFESSIONAL UTILITY LOCATION COMPANY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED.

PERMIT NOTE:

THE PURPOSE OF THIS PLAN SET IS TO OBTAIN A PERMIT FROM THE REGULATORY AGENCY IT WAS SUBMITTED TO. THIS PLAN SET CONTAINS THE REQUIRED INFORMATION NECESSARY FOR APPROVAL BY THE SPECIFIC AGENCY IT WAS SUBMITTED TO AND MAY NOT HAVE INFORMATION NECESSARY FOR OTHER REGULATORY AGENCIES. THIS PLAN SET MUST NOT BE CONSIDERED AS A FULL CONSTRUCTION OR BID SET. ADDITIONAL DETAIL IS REQUIRED FOR CONSTRUCTION AND BID DOCUMENTS, SUCH AS (BUT NOT LIMITED TO) FINE GRADING, GRADING BETWEEN THE CONTOUR INTERVAL, ADDITIONAL SURVEY/ MAPPING, BUILDING SHAPE/ LOCATION, ADA, UTILITY CONNECTIONS, UTILITY CROSSINGS, SURFACE AND GROUND WATER MITIGATION, SOIL STABILITY AND CONSISTENCY, SPECIFIC END USER NEEDS, CONSTRUCTABILITY ISSUES, ETC. ANY USER OF THESE PLANS SHOULD UNDERSTAND THIS LIMITATION.

DiPrete Engineering logo and contact information: This Stafford Court, Cranston, RI 02909, Tel: (401) 942-1000, Fax: (401) 464-6606, www.diprete-eng.com

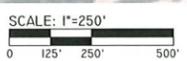
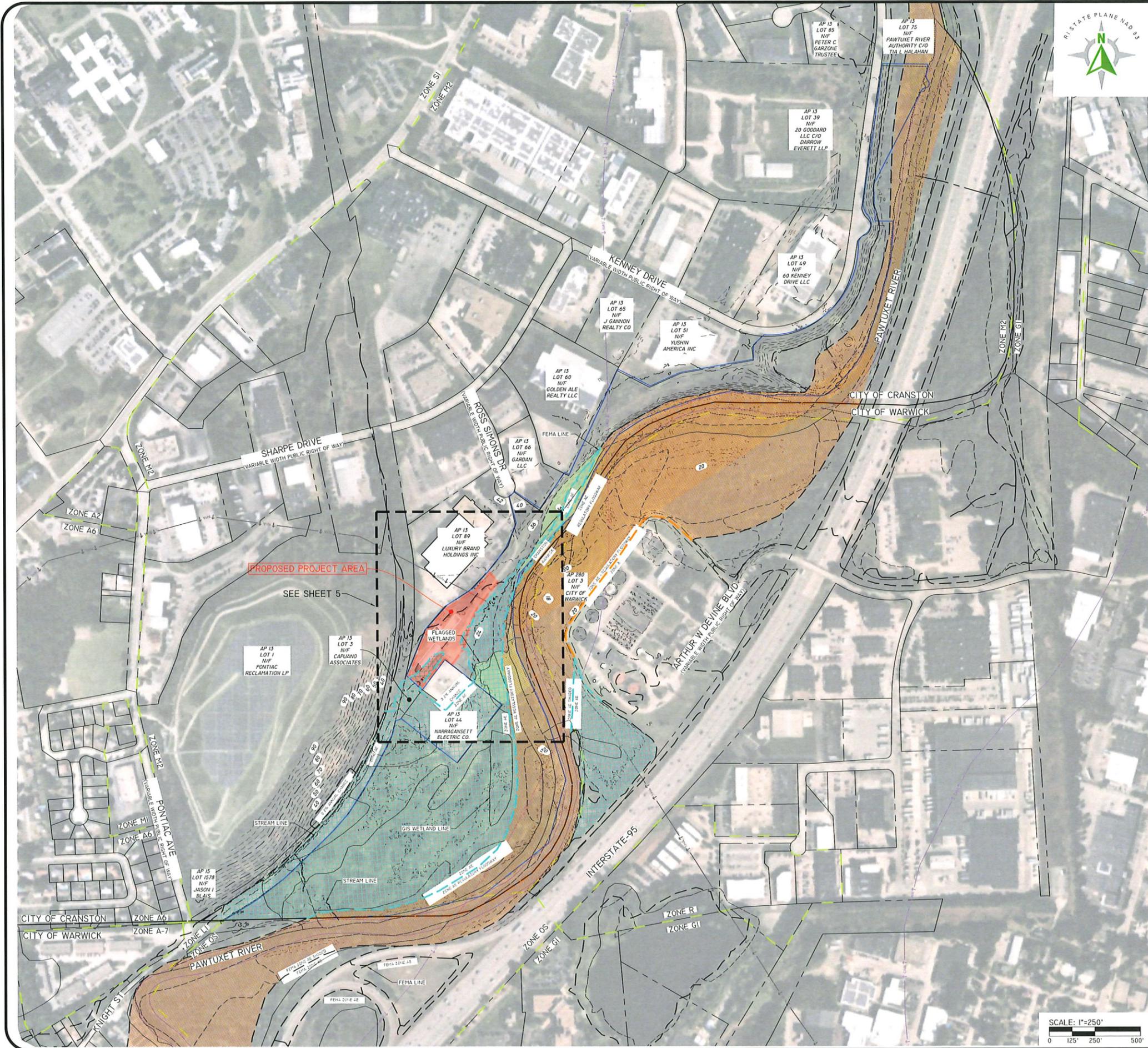
BRIAN C. GIROUX REGISTERED PROFESSIONAL ENGINEER CIVIL, with a professional seal.

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. ANY CHANGES TO THIS PLAN SET MUST BE APPROVED BY DIPRETE ENGINEERING. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, MATERIALS, AND SEQUENCES OF CONSTRUCTION AND FOR THE SAFETY OF THE WORK. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED DUE TO THE LOCATIONS OF EXISTING UTILITIES, WHICH ARE NOT SHOWN ON THESE PLANS.

Table with columns: NO., DATE, DESCRIPTION, BY, DESIGN BY: K.E.D., DRAWN BY: S.R.

NOTES AND LEGEND SHARPE DRIVE SOLAR ASSESSOR'S PLAT 15 LOT 47 CRANSTON, RHODE ISLAND SHARPE SOLAR, LLC 117 METRO CENTER BLVD, WARWICK, RHODE ISLAND 02886 TEL: (401) 922-5954 SHEET 3 OF 9

Z:\DEVELOPMENT\PROJECTS\0437-033 SHARPE DRIVE SOLAR\AUTOCAD DRAWINGS\0437-033-CIVIL-DWG.PLT (REV. 5/17/2024)



- EXISTING LEGEND**
NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS
- PROPERTY LINE
 - TOWN/CITY LINE
 - ASSESSORS LINE
 - BUILDING
 - MINOR CONTOUR LINE
 - MAJOR CONTOUR LINE
 - ZONE X
 - ZONE X
 - FEMA ZONE AE HATCH
 - FEMA ZONE AE REGULATORY FLOODWAY HATCH
 - ZONING LINE
 - STREAM
 - PAWTUXET RIVER
 - WETLAND LINE & FLAG
 - WETLAND LINE FROM GIS
 - WETLAND HATCH
 - GROUNDWATER OVERLAY
 - GROUNDWATER RECHARGE AREA
 - GROUNDWATER RESERVOIR
 - NATURAL HERITAGE
 - COMMUNITY WELLHEAD PROTECTION
 - NON-COMMUNITY WELLHEAD PROTECTION
 - UTILITY POLE

DiPrete Engineering
Two Stafford Court, Cranston, RI 02909
Tel: 401-943-1000 Fax: 401-464-6606 www.diprete-eng.com

BRIAN C. GIROUX
0341
REGISTERED PROFESSIONAL ENGINEER
CIVIL

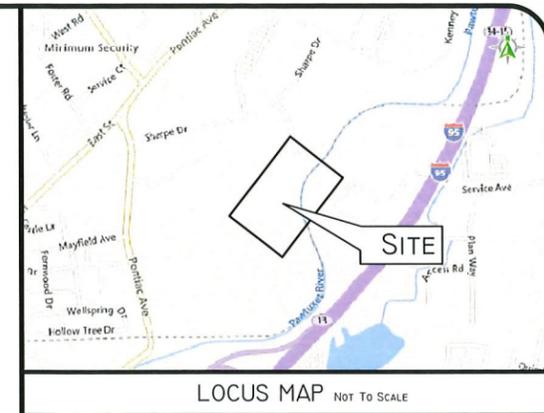
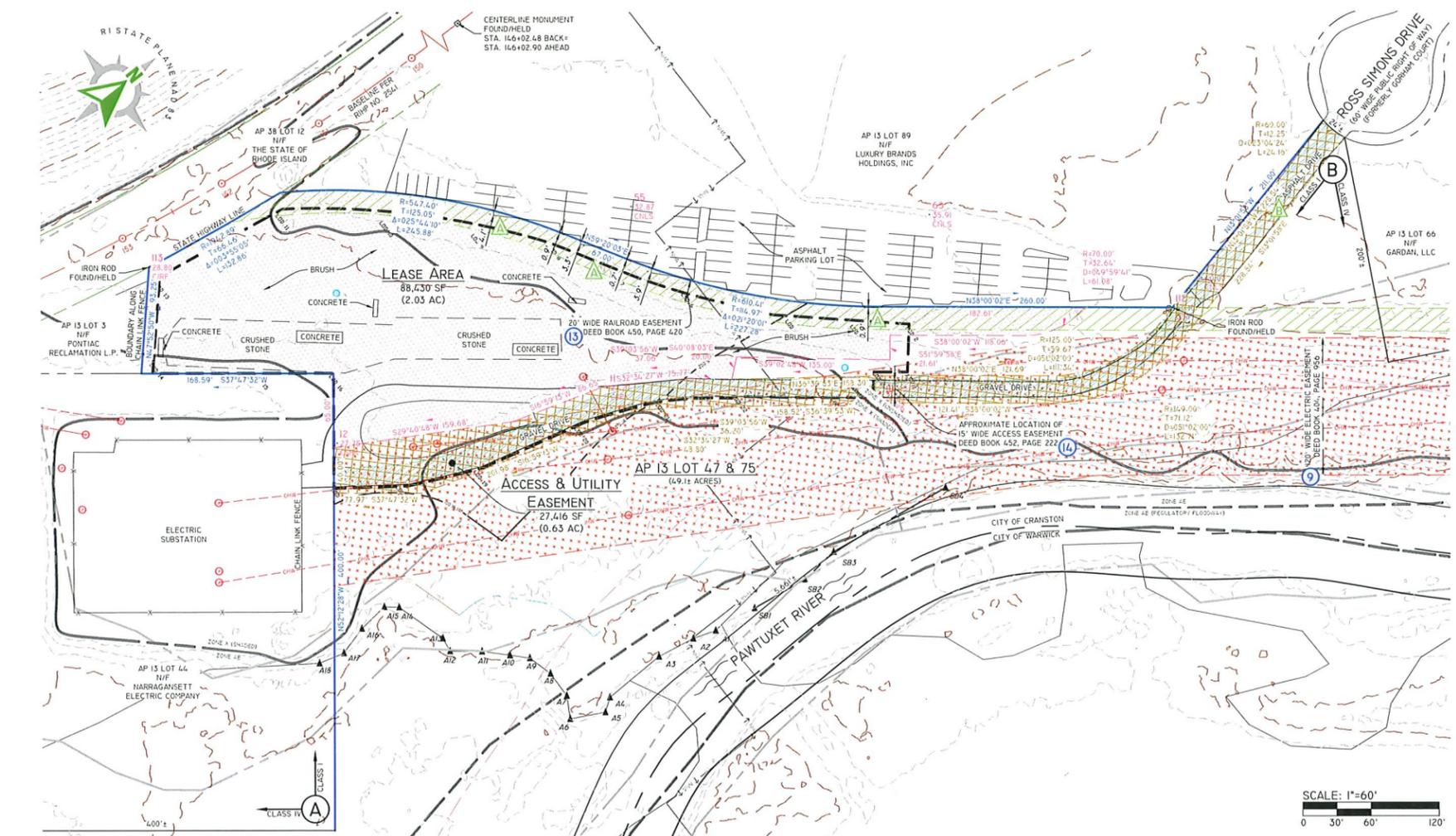
THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED BY A REGISTERED PROFESSIONAL ENGINEER EMPLOYED BY THE ENGINEER OF RECORD.
THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, SAFETY, AND PROTECTION OF THE EXISTING UTILITIES AND STRUCTURES IN THE PROJECT AREA.
EASTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND SHOULD BE VERIFIED BY THE CONTRACTOR.
DAMAGES INCURRED DUE TO COLLISIONS OF EXISTING UTILITIES.
SEE UTILITY NOTE ON SHEET 2.

| NO. | DATE | DESCRIPTION | BY: |
|-----|------------|------------------------------|------|
| 1 | 05-17-2024 | PREPARED FOR PLAN SUBMISSION | S.R. |
| 2 | 05-22-2024 | REVISED CURRENT PLAN, REVIEW | S.R. |
| 3 | 05-22-2024 | REVISED RESPONSE TO COMMENTS | S.R. |
| 4 | 05-22-2024 | REVISED RESPONSE TO COMMENTS | S.R. |
| 5 | 05-22-2024 | REVISED RESPONSE TO COMMENTS | S.R. |
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| 100 | 05-22-2024 | REVISED RESPONSE TO COMMENTS | S.R. |

OVERALL EXISTING CONDITIONS PLAN
SHARPE DRIVE SOLAR
ASSESSOR'S PLAT IS LOT 47
CRANSTON, RHODE ISLAND
PREPARED FOR:
SHARPE SOLAR, LLC
171 METES CENTER BLVD., WARWICK, RHODE ISLAND 02886
TEL: (401) 922-5554

LEGEND

| | | |
|--------------------------------------|-------------------------|----------------------|
| --- WATER LINE | 123/1234 DEED BOOK/PAGE | ○ BOLLARD |
| --- SEWER LINE | AP ASSESSOR'S PLAT | ⊕ SOIL EVALUATION |
| --- SEWER FORCE MAIN | HC HANDICAPPED | ⊕ CATCH BASIN |
| --- GAS LINE | N/F NOW OR FORMERLY | ⊕ DOUBLE CATCH BASIN |
| --- ELECTRIC LINE | LC LANDSCAPING | ⊕ WATER VALVE |
| --- OVERHEAD WIRES | (R) RECORD | ⊕ GAS VALVE |
| --- DRAINAGE LINE | (CA) CHORD ANGLE | ⊕ WETLAND FLAG |
| --- MINOR CONTOUR LINE | Δ NAIL/SPIKE | ⊕ DRAINAGE MANHOLE |
| --- MAJOR CONTOUR LINE | ⊙ DRILL HOLE | ⊕ FLARED END SECTION |
| --- PROPERTY LINE | ○ IRON ROD/PIPE | ⊕ GUY POLE |
| --- ASSESSOR'S LINE | □ BOUND | ⊕ ELECTRIC MANHOLE |
| --- TREELINE | ○ SIGN POST | ⊕ UTILITY/POWER POLE |
| --- GUARDRAIL | ○ SEWER MANHOLE | ⊕ LIGHTPOST |
| --- FENCE | ○ SEWER CLEANOUT | ⊕ WELL |
| --- RETAINING WALL | ○ HYDRANT | ⊕ MONITORING WELL |
| --- STONE WALL | ○ IRRIGATION VALVE | ⊕ BENCH MARK |
| --- SOILS LINES | ⊕ UNKNOWN MANHOLE | ⊕ TREE |
| --- ZONE X | | |
| --- ZONE X | | |
| --- FEMA BOUNDARY | | |
| --- NATURAL HERITAGE AREA | | |
| --- 100' WETLAND JURISDICTIONAL AREA | | |
| --- 200' STREAM JURISDICTIONAL AREA | | |



GENERAL NOTES

1. THE PARCEL IS FOUND ON ASSESSOR'S PLAT 13, LOT 47 & 75 IN THE CITY OF CRANSTON, PROVIDENCE COUNTY, RHODE ISLAND.
2. THE OWNER PER DEED BOOK 2435, PAGE 108 IS THE PAWTUXET RIVER AUTHORITY.
3. THIS SITE IS LOCATED IN FEMA FLOOD ZONE X, X (SHADED), AND ZONE AE. REFERENCE FEMA FLOOD INSURANCE RATE MAP 440070027H, MAP REVISED OCTOBER 2, 2015. THIS DESIGNATION MAY CHANGE BASED UPON REVIEW BY A FLOOD ZONE SPECIALIST OR BY THE RESULTS OF A COMPREHENSIVE FLOOD STUDY.
4. THE PARCEL IS ZONED M2 BASED ON THE CITY OF CRANSTON ONLINE GIS. ANY OVERLAY DISTRICTS, SPECIAL PERMITS OR VARIANCES SPECIFIC TO THIS SITE ARE NOT TAKEN INTO CONSIDERATION. PLEASE CONTACT THE ZONING DEPARTMENT FOR ANY ADDITIONAL INFORMATION OR FOR A CERTIFICATE OF ZONING.
5. THERE WERE NO CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS OBSERVED WITHIN THE LIMITS OF THE SURVEY AND THERE ARE NO CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS SHOWN ON THE RHODE ISLAND HISTORICAL CEMETERIES ONLINE DATABASE.
6. FIELD SURVEY PERFORMED BY DIPRETE ENGINEERING ON AUGUST 22, 2023. THIS PLAN REFLECTS ON THE GROUND CONDITIONS AS OF THAT DATE.
7. CONTOUR DATA SHOWN ON THIS PLAN CONFORMS TO A T-4 TOPOGRAPHICAL SURVEY STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS, SAID DATA IS BASED ON ELEVATION INFORMATION THAT WAS COLLECTED WITH AIRBORNE LIDAR TECHNOLOGY FOR THE ENTIRE AREA OF RHODE ISLAND BETWEEN APRIL 22 AND MAY 6, 2011 AS PART OF THE NORTHEAST LIDAR PROJECT. THIS DATA'S POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED BY DIPRETE ENGINEERING AND IS SUBJECT TO CHANGES AN AUTHORITY FIELD SURVEY MAY DISCLOSE.

PLAN REFERENCES

1. RIHP NO. 2541.
2. PRELIMINARY PLAT, HOWARD INDUSTRIAL PARK, CRANSTON, RHODE ISLAND, OWNER HOWARD DEVELOPMENT CORPORATION, DATED DECEMBER, 1973, RECORDED IN PLAT BOOK 17, PAGE 59.
3. HOWARD INDUSTRIAL PARK, SUBDIVISION O. S. CRANSTON, R.I., BELONGING TO HOWARD DEVELOPMENT CORPORATION, SCALE 1"=80', DATED SEPTEMBER, 1977, PLAN BY FRANK N. ZAINO & ASSOCIATES AND JOHN L. FLOCK, R.L.S., RECORDED ON PLAT CARD 533.
4. PONTIAC SECONDARY RAILROAD RIGHT-OF-WAY, ADMINISTRATIVE SUBDIVISION FOR PROVIDENCE & WORCESTER RAILROAD, CRANSTON, RHODE ISLAND, PARCEL NO. 4, SCALE 1"=80', DATED MARCH, 1998, PLAN BY CATALDO ASSOCIATES, RECORDED ON PLAT CARD 617.
5. ALTAI/SPS LAND TITLE SURVEY, #9 ROSS SIMONS DRIVE, ASSESSOR'S PLAT 13 LOT 89, CRANSTON, RHODE ISLAND, SCALE 1"=40', DATED OCTOBER 15, 2014, PLAN BY DIPRETE ENGINEERING.

LIST OF POSSIBLE ENCROACHMENTS

- ▲ CONCRETE ASPHALT PARKING LOT OVER PROPERTY LINE
- ▲ ASPHALT DRIVE AND ACCESS FOR LOT 89 OVER PROPERTY LINE

SURVEYOR'S CERTIFICATE

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-00-1.9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

PREPARED FOR: SHARPE SOLAR, LLC
 107 METRO CENTER BLVD., WARWICK, RHODE ISLAND 02886
 TEL: (401) 922-5954

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: PERIMETER RETRACEMENT WITH TOPOGRAPHY FOR SITE ENGINEERING AND PERMITTING.



12/20/2023

ROBERT G. BABCOCK, RIPLS #2504, COA #LS.0004160

DiPrete Engineering
 Two Stafford Court, Cranston, RI 02920
 Tel: (401) 943-1000 Fax: (401) 404-0006 www.diprete-eng.com

BRIAN C. GIBLOUX
 0341
 REGISTERED PROFESSIONAL ENGINEER CIVIL

EXISTING CONDITIONS PLAN
 SHARPE DRIVE SOLAR
 ASSESSOR'S PLAT 13 LOT 47
 CRANSTON, RHODE ISLAND

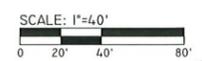
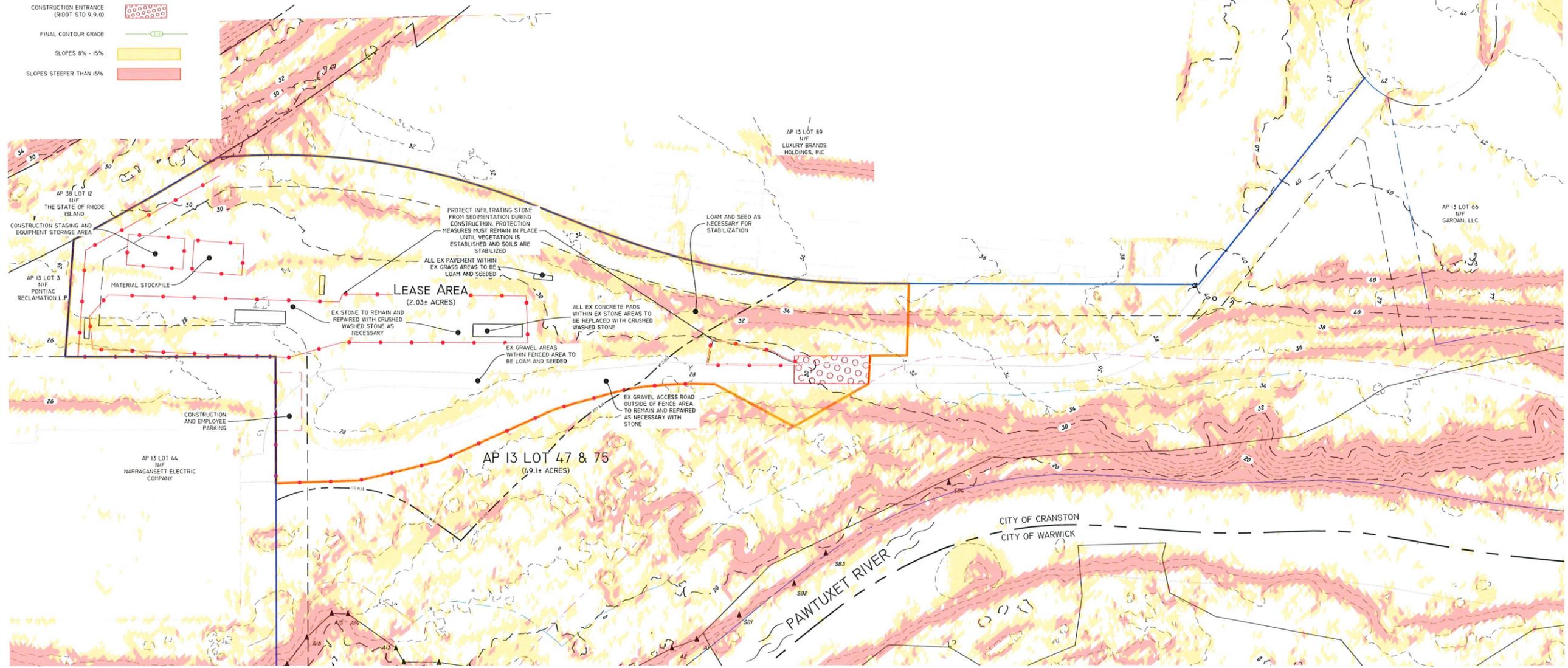
PREPARED FOR: SHARPE SOLAR, LLC
 107 METRO CENTER BLVD., WARWICK, RHODE ISLAND 02886
 TEL: (401) 922-5954

SOIL EROSION CONTROL LEGEND

- EROSION CONTROL (COMPOST SOCK, SILT FENCE (RI STD 9.2.0, OR APPROVED EQUAL))
- LIMIT OF DISTURBANCE (NO SEDIMENT CONTROL)
- LIMIT OF DISTURBANCE (WITH SEDIMENT CONTROL)
- TRIBUTARY AREA TO SESC BMP
- CONSTRUCTION ENTRANCE (RIOT STD 9.9.0)
- FINAL CONTOUR GRADE
- SLOPES 8% - 15%
- SLOPES STEEPER THAN 15%

GENERAL NOTES:

1. SEE SOIL EROSION AND SEDIMENT CONTROL NOTES ON SHEET 3.
2. THESE PLANS MUST BE READ IN CONJUNCTION WITH THE SOIL EROSION AND SEDIMENT CONTROL PLAN BY DIPRETE ENGINEERING (CURRENT EDITION).
3. SEDIMENT EROSION CONTROL PHASING MUST MINIMIZE DISTURBANCE TO THE MAXIMUM EXTENT PRACTICABLE.
4. STAGING, STOCKPILE, AND CONCRETE WASHOUT AREAS SHOWN ON THE PLANS ARE SCHEMATIC ONLY. ACTUAL STAGING, STOCKPILE, AND WASHOUT AREAS WILL BE DRIVEN BY CONSTRUCTION OPERATIONS AND SITE CONDITIONS, PROVIDED THEY REMAIN COMPLIANT WITH ALL APPLICABLE REGULATIONS AND GUIDANCE DOCUMENTS.
5. CONSTRUCTION METHODS AND PROCEDURES MUST MINIMIZE SOIL COMPACTION. IF COMPACTION CANNOT BE AVOIDED, REMEDIAL MEASURES SUCH AS TILLING OR AERATION MUST BE USED.



DiPrete Engineering

Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-464-6006 www.diprete-eng.com

Boston • Providence • Newport

BRIAN C. GIROUX
REG. NO. 3341
REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET IS PART OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN FOR CONSTRUCTION PURPOSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

| NO. | DATE | DESCRIPTION | BY: |
|-----|-----------|---------------------------------|------|
| 1 | 12-2-2024 | PREPARED FOR SHARPE SOLAR | S.R. |
| 2 | 12-2-2024 | DESIGNED BY DIPRETE ENGINEERING | S.R. |
| 3 | 12-2-2024 | REVISIONS TO COMMENTS | S.R. |
| 4 | 12-2-2024 | REVISIONS TO COMMENTS | S.R. |
| 5 | 12-2-2024 | REVISIONS TO COMMENTS | S.R. |

SOIL EROSION AND SEDIMENT CONTROL PLAN

SHARPE DRIVE SOLAR
ASSESSOR'S PLAT 13 LOT 4,7
CRANSTON, RHODE ISLAND

PREPARED FOR:
SHARPE SOLAR, LLC
117 METRO CENTER BLVD, WARWICK, RHODE ISLAND 02886
TEL (401) 922-5954

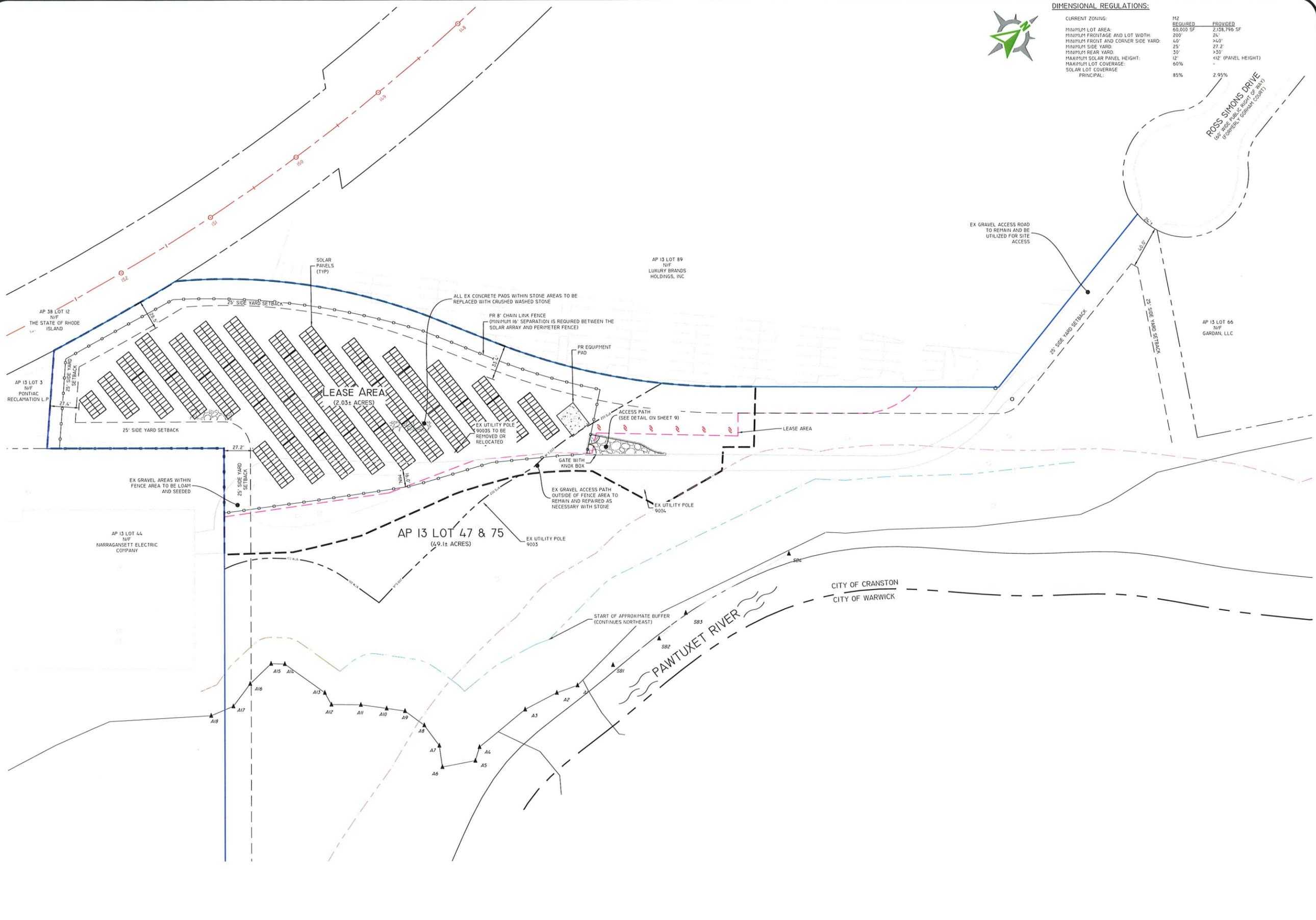
Z:\DIPMAN\PROJECTS\1627-022 SHARPE DRIVE SOLAR\AUTOCAD DRAWINGS\242-022-PLANNING\PLT016 1/17/2024

Z:\06MANPROJECTS\14374-023 SHARPE DRIVE SOLAR\AUTOCAD DRAWINGS\2-D\045-PLAN\DWG PART1B 1/17/2024



DIMENSIONAL REGULATIONS:

| CURRENT ZONING: | M2 REQUIRED | PROVIDED |
|-------------------------------------|-------------|---------------------|
| MINIMUM LOT AREA: | 50,000 SF | 2,135,796 SF |
| MINIMUM FRONT AND LOT WIDTH: | 200' | 240' |
| MINIMUM FRONT AND CORNER SIDE YARD: | 40' | 27.2' |
| MINIMUM SIDE YARD: | 25' | 30' |
| MINIMUM REAR YARD: | 30' | >30' |
| MAXIMUM SOLAR PANEL HEIGHT: | 12' | <12' (PANEL HEIGHT) |
| MAXIMUM LOT COVERAGE: | 60% | 60% |
| SOLAR LOT COVERAGE: | | 85% |
| PRINCIPAL: | | 2.95% |



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tel 401-943-1000 fax 401-943-0006 www.diprete-eng.com

Boston • Providence • Newport

BRIAN C. GIROUX
REG. NO. 3341
REGISTERED PROFESSIONAL ENGINEER
CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED BY THE CITY OF CRANSTON.

DIPRETE ENGINEERING, INC. IS NOT PROVIDING PROFESSIONAL ENGINEERING SERVICES FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, SAFETY, REGULATIONS AND REQUIREMENTS, AND OSHA COMPLIANCE IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.

EASTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND DAMAGES INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES. SEE UTILITY NOTE ON SHEET 3.

| NO. | DATE | DESCRIPTION | BY |
|-----|------------|--------------------|------|
| 1 | 12/22/2023 | PRELIMINARY DESIGN | S.R. |
| 2 | 1/22/2024 | FINAL DESIGN | S.R. |
| 3 | 1/22/2024 | FINAL DESIGN | S.R. |
| 4 | 1/22/2024 | FINAL DESIGN | S.R. |
| 5 | 1/22/2024 | FINAL DESIGN | S.R. |
| 6 | 1/22/2024 | FINAL DESIGN | S.R. |
| 7 | 1/22/2024 | FINAL DESIGN | S.R. |
| 8 | 1/22/2024 | FINAL DESIGN | S.R. |
| 9 | 1/22/2024 | FINAL DESIGN | S.R. |
| 10 | 1/22/2024 | FINAL DESIGN | S.R. |
| 11 | 1/22/2024 | FINAL DESIGN | S.R. |
| 12 | 1/22/2024 | FINAL DESIGN | S.R. |
| 13 | 1/22/2024 | FINAL DESIGN | S.R. |
| 14 | 1/22/2024 | FINAL DESIGN | S.R. |
| 15 | 1/22/2024 | FINAL DESIGN | S.R. |
| 16 | 1/22/2024 | FINAL DESIGN | S.R. |
| 17 | 1/22/2024 | FINAL DESIGN | S.R. |
| 18 | 1/22/2024 | FINAL DESIGN | S.R. |
| 19 | 1/22/2024 | FINAL DESIGN | S.R. |
| 20 | 1/22/2024 | FINAL DESIGN | S.R. |
| 21 | 1/22/2024 | FINAL DESIGN | S.R. |
| 22 | 1/22/2024 | FINAL DESIGN | S.R. |
| 23 | 1/22/2024 | FINAL DESIGN | S.R. |
| 24 | 1/22/2024 | FINAL DESIGN | S.R. |
| 25 | 1/22/2024 | FINAL DESIGN | S.R. |
| 26 | 1/22/2024 | FINAL DESIGN | S.R. |
| 27 | 1/22/2024 | FINAL DESIGN | S.R. |
| 28 | 1/22/2024 | FINAL DESIGN | S.R. |
| 29 | 1/22/2024 | FINAL DESIGN | S.R. |
| 30 | 1/22/2024 | FINAL DESIGN | S.R. |
| 31 | 1/22/2024 | FINAL DESIGN | S.R. |
| 32 | 1/22/2024 | FINAL DESIGN | S.R. |
| 33 | 1/22/2024 | FINAL DESIGN | S.R. |
| 34 | 1/22/2024 | FINAL DESIGN | S.R. |
| 35 | 1/22/2024 | FINAL DESIGN | S.R. |
| 36 | 1/22/2024 | FINAL DESIGN | S.R. |
| 37 | 1/22/2024 | FINAL DESIGN | S.R. |
| 38 | 1/22/2024 | FINAL DESIGN | S.R. |
| 39 | 1/22/2024 | FINAL DESIGN | S.R. |
| 40 | 1/22/2024 | FINAL DESIGN | S.R. |
| 41 | 1/22/2024 | FINAL DESIGN | S.R. |
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| 43 | 1/22/2024 | FINAL DESIGN | S.R. |
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| 65 | 1/22/2024 | FINAL DESIGN | S.R. |
| 66 | 1/22/2024 | FINAL DESIGN | S.R. |
| 67 | 1/22/2024 | FINAL DESIGN | S.R. |
| 68 | 1/22/2024 | FINAL DESIGN | S.R. |
| 69 | 1/22/2024 | FINAL DESIGN | S.R. |
| 70 | 1/22/2024 | FINAL DESIGN | S.R. |
| 71 | 1/22/2024 | FINAL DESIGN | S.R. |
| 72 | 1/22/2024 | FINAL DESIGN | S.R. |
| 73 | 1/22/2024 | FINAL DESIGN | S.R. |
| 74 | 1/22/2024 | FINAL DESIGN | S.R. |
| 75 | 1/22/2024 | FINAL DESIGN | S.R. |
| 76 | 1/22/2024 | FINAL DESIGN | S.R. |
| 77 | 1/22/2024 | FINAL DESIGN | S.R. |
| 78 | 1/22/2024 | FINAL DESIGN | S.R. |
| 79 | 1/22/2024 | FINAL DESIGN | S.R. |
| 80 | 1/22/2024 | FINAL DESIGN | S.R. |

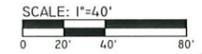
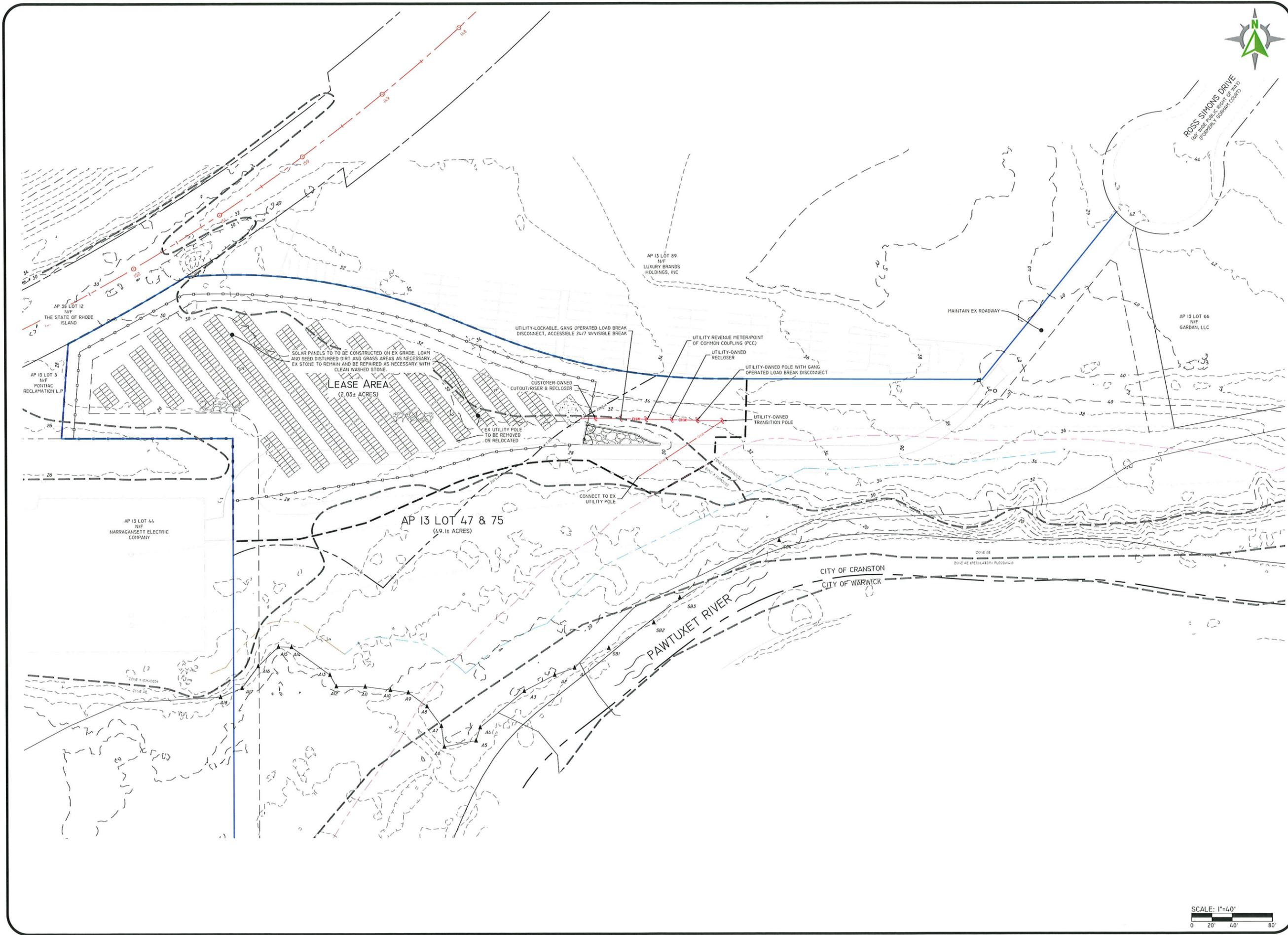
SITE LAYOUT PLAN

SHARPE DRIVE SOLAR
ASSESSOR'S PLAT 13 LOT 47
CRANSTON, RHODE ISLAND

PREPARED FOR:
SHARPE SOLAR, LLC
117 METRO CENTER BLVD., WARWICK, RHODE ISLAND 02886
TEL (401) 922-9954

DESIGNED BY: S.R.
DRAWN BY: S.R.

Z:\08\PROJECTS\13-27-023 SHARPE DRIVE SOLAR\AUTOCAD DRAWINGS\13-27-023-PLAN.DWG PLOTTED 5/7/2024



ROSS SIMONS DRIVE
 (66' WIDE PUBLIC RIGHT-OF-WAY)
 (FORMERLY GOSMAN CORP.)

AP 13 LOT 89
 N/F
 LUXURY BRANDS
 HOLDINGS, INC

AP 13 LOT 66
 N/F
 GARDAN, LLC

LEASE AREA
 (2.03± ACRES)

AP 13 LOT 47 & 75
 (4.91± ACRES)

AP 13 LOT 44
 N/F
 NARRAGANSETT ELECTRIC
 COMPANY

AP 13 LOT 3
 N/F
 PONTIAC
 RECLAMATION L.P.

AP 13 LOT 12
 N/F
 THE STATE OF RHODE
 ISLAND

GRADING, DRAINAGE AND UTILITY PLAN
SHARPE DRIVE SOLAR
 ASSESSOR'S PLAT 13 LOT 47
 CRANSTON, RHODE ISLAND
 PREPARED FOR:
SHARPE SOLAR, LLC
 117 METRO CENTER BLVD., WARWICK, RHODE ISLAND 02886
 TEL: (401) 922-9954

BRIAN C. GIROUX

 REGISTERED
 PROFESSIONAL ENGINEER
 CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED AND SIGNED BY THE REGISTERED PROFESSIONAL ENGINEER OF JURISDICTION.
 DIPIRETE ENGINEERING ONLY WARRANTS THIS PLAN ON A DIPIRETE PROFESSIONAL ENGINEER OF JURISDICTION. DIPIRETE ENGINEERING SHALL NOT BE RESPONSIBLE FOR ALL OF THE MEANS, METHODS, SAFETY, PRACTICES AND REQUIREMENTS, AND OSHA DESIGN. EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. DIMENSIONS INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES. SEE UTILITY NOTE ON SHEET 3.

| NO. | DATE | DESCRIPTION | BY |
|-----|------------|----------------------|------|
| 1 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 2 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 3 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 4 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 5 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 6 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 7 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 8 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 9 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |
| 10 | 05/07/2024 | ISSUE FOR PERMITTING | S.R. |



GLIDE Agile

Our adjustable and durable frame features less hardware, integrated electrical bonding, and included wire management resulting in reduced labor hours. Installation times are shortened by up to 36% through simplified connections, agile parts, and seasoned field teams. Foundation consultation from an unbiased partner, based on your unique project site. No matter the terrain or weather, we'll provide the right solution. Our versatile design enables numerous configurations allowing us to meet your unique needs and bring solar to more fields.



Portrait up to 3 high x 12 wide



Landscape up to 4 high x 6 wide

Benefits

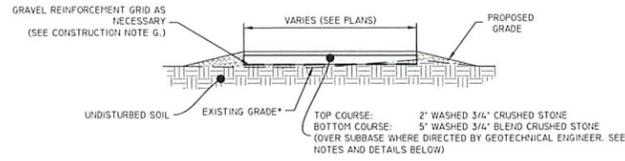
- Less hardware for faster installation and reduced labor hours
- Simplified hardware featuring 2-piece bolt stacks and only two types of hardware
- Adapts to steep slopes
- Foundations for any terrain
- Included wire management

- Lighter, stiffer components for less freight costs
- Versatile with numerous configurations
- Durable, tolerating up to 170 MPH winds and 100 PSF ground snow loads
- Landscape orientation is bifacial compatible to maximize potential backside power yield

Specifications

| | |
|--------------------|---|
| Module orientation | Portrait or Landscape |
| Module mounting | Bottom mount / Integrated electrical bonding |
| Tilt angle | 5°-35° |
| Wire management | Incorporated in structure - NEC compliant |
| Configuration | Portrait: up to 3 high x 12 wide / Landscape: up to 4 high x 6 wide |
| Slopes | East or West facing, up to 30% / North or South facing, up to 35% |
| Load capacity | Project specific: up to 170 MPH wind speed and 100 PSF ground snow load |
| Foundations | Ground screws / Driven piles |
| Warranty | 20 year limited warranty |
| Certifications | UL2703, edition 1; CPP wind tunnel tested |

www.terrasmart.com | info@terrasmart.com



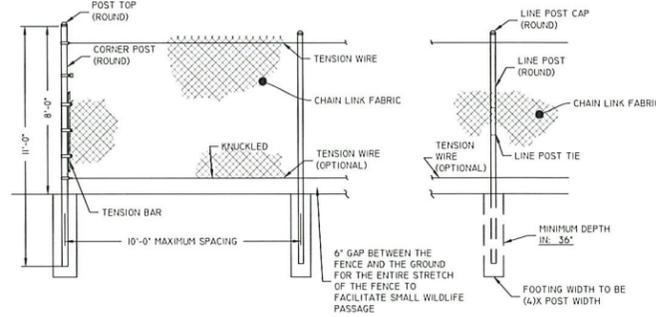
*NOTE: WHERE ROAD BASE IS AT OR ABOVE EXISTING GRADE, ORGANICS MUST BE REMOVED PRIOR TO INSTALLATION OF ROAD BASE.

CRUSHED STONE ACCESS PATH DETAIL

NOT TO SCALE

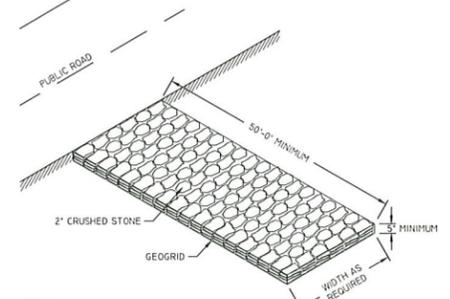
CONSTRUCTION NOTES:

- CONSTRUCTION OPERATIONS MUST BE CARRIED OUT IN SUCH A MANNER TO MINIMIZE POTENTIAL EROSION AND WATER QUALITY DEGRADATION.
- FIXED EROSION CONTROLS AND SITE STABILIZATION MUST BE CONDUCTED IN ACCORDANCE WITH APPROVED BMP'S OR PURSUANT TO PROJECT SPECIFIC PERMITS.
- TREES, STUMPS, ROOTS, BRUSH AND WEEDS MUST BE REMOVED FROM THE WORK AREA IF DETERMINED NECESSARY TO SAFELY CONSTRUCT ROADWAY.
- ON WEAK BEARING SOIL SUCH AS LOOSE ALLUVIAL, OR WETLAND SOILS, SURFACE TREATMENTS MUST BE UNDERLAIN WITH WOVEN GEOTEXTILES.
- AT MINIMUM, ROADSIDE DITCHES MUST BE 1FT BELOW ROAD SURFACE.
- DISCHARGE POINTS FOR DITCHES MUST NOT BE NEAR WETLANDS OR STREAMS, AND/OR BE LOCATED AT THE DIRECTION OF THE DESIGN ENGINEER.
- CONTRACTOR MUST INSTALL GRAVEL REINFORCEMENT GRID AS NECESSARY TO PREVENT EROSION AND/OR VEHICULAR DAMAGE TO THE ACCESS PATH.



FENCE DETAIL

NOT TO SCALE



*NOTE: SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

CONSTRUCTION ACCESS

NOT TO SCALE

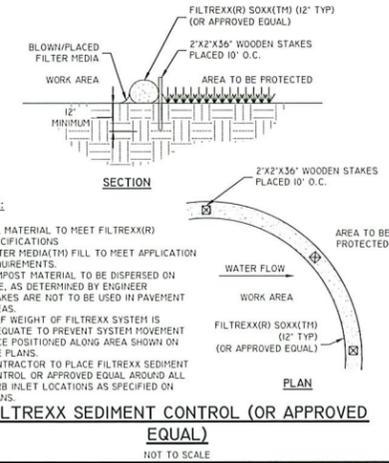
DiPrete Engineering
Two Stafford Court, Cranston, RI 02930
Tel: 401-943-1000 Fax: 401-464-6606 www.diprete-eng.com

BRIAN C. GIROUX
REGISTERED PROFESSIONAL ENGINEER
CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, MATERIALS AND WORKMANSHIP IN THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES INCURRED DUE TO LOCATION OF EXISTING UTILITIES. SEE SHEET 17 FOR MORE INFORMATION.

| NO. | DATE | DESCRIPTION | BY: | CHK: |
|-----|------------|--------------------|------------|-----------|
| 1 | 10/22/2024 | ISSUE (REVISION 1) | BY: K.E.D. | CHK: S.R. |
| 2 | 10/22/2024 | ISSUE (REVISION 2) | BY: K.E.D. | CHK: S.R. |
| 3 | 10/22/2024 | ISSUE (REVISION 3) | BY: K.E.D. | CHK: S.R. |
| 4 | 10/22/2024 | ISSUE (REVISION 4) | BY: K.E.D. | CHK: S.R. |
| 5 | 10/22/2024 | ISSUE (REVISION 5) | BY: K.E.D. | CHK: S.R. |

DETAIL SHEET
SHARPE DRIVE SOLAR
ASSESSOR'S PLAT 13 LOT 47
CRANSTON, RHODE ISLAND
PREPARED FOR:
SHARPE SOLAR LLC
117 METRO CENTER BLVD, WARWICK, RHODE ISLAND 02886
TEL: (401) 922-5954

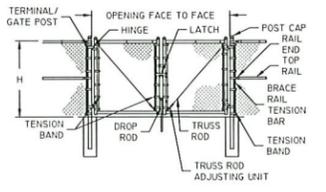


NOTES:

- ALL MATERIAL TO MEET FILTRREXX(S) SPECIFICATIONS
- FILTER MEDIA(TH) FILL TO MEET APPLICATION REQUIREMENTS.
- COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER
- STAKES ARE NOT TO BE USED IN PAVEMENT AREAS
- SELF WEIGHT OF FILTRREXX SYSTEM IS ADEQUATE TO PREVENT SYSTEM MOVEMENT ONCE POSITIONED ALONG AREA SHOWN ON THE PLANS.
- CONTRACTOR TO PLACE FILTRREXX SEDIMENT CONTROL OR APPROVED EQUAL AROUND ALL CURB INLET LOCATIONS AS SPECIFIED ON PLANS.

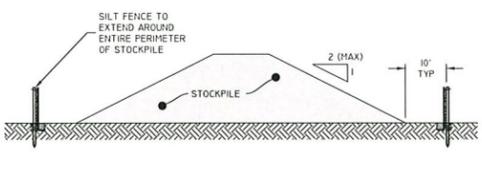
FILTRREXX SEDIMENT CONTROL (OR APPROVED EQUAL)

NOT TO SCALE



DOUBLE SWING GATE 6-16' OPENING

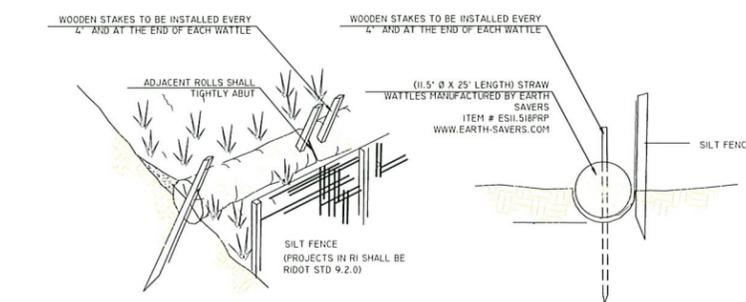
NOT TO SCALE



- ### NOTES:
- ALL STOCKPILES MUST BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH SECTION 3 'STOCKPILE AND STAGING AREA MANAGEMENT' OF THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (CURRENT EDITION).
 - DIVERT ALL STORMWATER AWAY FROM STOCKPILES.
 - SOIL STOCKPILES THAT ARE NOT TO BE USED WITHIN 30 DAYS MUST BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE WITH SEED MIX COMPATIBLE WITH THE SOIL TYPE.
 - STOCKPILE AND SILT FENCE MUST BE INSPECTED AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF 1" OF RAINFALL. REPAIR/REPLACE SILT FENCE AND STOCKPILE COVERS WHERE APPLICABLE AS NEEDED TO KEEP THEM FUNCTIONING ADEQUATELY.
 - SEDIMENT TRAPPED BY SILT FENCES MUST BE REMOVED AND PROPERLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.

STOCKPILE PROTECTION

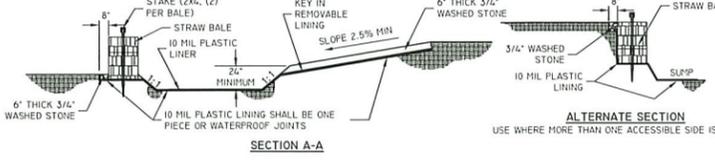
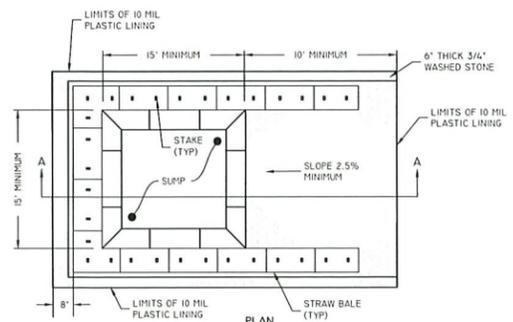
NOT TO SCALE



- ### NOTES:
- EROSION CONTROL BARRIER TO BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND SPECIFICATIONS.
 - FOR SOFT SOILS, DIG A 3 TO 5 INCH TRENCH. FOR HARD SOILS, DIG A 2 TO 3 INCH TRENCH.
 - INSTALL WOOD STAKES FOR EVERY 4' (MAX) OF STRAW WATTLE, AS WELL AS ADDITIONAL WOOD STAKE ON EACH END OF EACH STRAW WATTLE.
 - MINIMUM WOOD STAKE DIMENSIONS TO BE 1"x2"x24" (SOFT SOIL) AND 1"x2"x18" (HARD SOIL).

Silt Fence/Straw Wattle Sediment Barrier

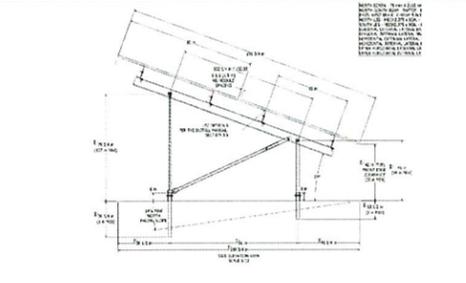
NOT TO SCALE



- ### NOTES:
- PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
 - WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
 - FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12."
 - FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED.
 - SAWCUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT AND GRINDING TO BE DISPOSED OF IN THE PIT.
 - CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, AND SURFACE WATERS.
 - MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

CONCRETE WASHOUT AREA

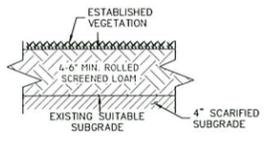
NOT TO SCALE



- ### NOTES:
- ADJACENT PANELS TABLES SHALL BE INSTALLED WITH A MINIMUM OF 6 INCHES OF SEPARATION.
 - DETERMINED BY PROPOSED SLOPE, INTER-ROW PANELS SPACING SHALL BE BETWEEN 11'-8" AND 16'-0" AS SHOWN ON PLANS.
 - TYPICAL SOLAR PANEL RACKING SYSTEM SHOWN. SELECTED RACKING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' INSTRUCTIONS.
 - INSTALLED HEIGHT WILL VARY BASED ON THE RACKING LAYOUT AND FINAL DESIGN BUT WILL BE LESS THAN 12' PER ZONING CODE REQUIREMENTS. PANEL HEIGHT IN AREAS OVER PROPOSED PONDS WILL BE INSTALLED SO THE PANEL BOTTOM IS SET A MINIMUM AT THE TOP OF POND ELEVATION WITHIN THE POND LIMITS.
 - SEE PLANS FOR PANEL TYPE, QUANTITY AND LOCATIONS.

SOLAR PANEL RACKING

NOT TO SCALE



- ### NOTE:
- ALL DISTURBED AREAS MUST BE LOAMED WITH A MINIMUM OF 4-6 INCHES OF SCREENED LOAM IN ACCORDANCE WITH RHODE ISLAND DEPARTMENT OF TRANSPORTATION (RIDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION SECTIONS L01 AND M.18.
 - GRASS SEED MIX AS SPECIFIED IN LANDSCAPE PLANS.
 - MAXIMUM ALLOWABLE STONE SIZE WITHIN LOAM IS 1 INCH DIAMETER.
 - PRIOR TO CONSTRUCTION, ON SITE TESTING MUST BE PERFORMED BY HYDROGRASS TECHNOLOGIES INC. (OR OTHER COMPANY APPROVED BY DESIGN ENGINEER AND SOLAR DEVELOPER) TO DETERMINE FINAL PROTOCOL/GROWTH MEDIUM SELECTION/MIX RATIOS BASED ON THE SOILS SPECIFIC TO THE PROJECT SITE. FINAL FORMULATION MUST BE PROVIDED TO DESIGN ENGINEER PRIOR TO THE START OF CONSTRUCTION.
 - CONTRACTOR MAY USE OTHER SIMILAR TECHNOLOGIES ONLY WITH WRITTEN APPROVAL FROM DESIGN ENGINEER AND SOLAR DEVELOPER, AND MUST STILL COMPLY WITH THE NOTE ABOVE.
 - UPON COMPLETION OF SOLAR ARRAY, ANY AREAS COMPACTED DURING CONSTRUCTION MUST BE AERATED AS NEEDED TO PROMOTE VEGETATED GROWTH, IF NOT ESTABLISHED WITH THE INITIAL LOAM AND SEED PROCESS.

Loam Detail

NOT TO SCALE

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