





**GENERAL NOTES:**

- THE SITE IS LOCATED ON THE CITY OF CRANSTON ASSESSOR'S PLAT 13 LOT 47.
- THE SITE IS APPROXIMATELY 4.91 ACRES AND IS ZONED M2.
- THE OWNER OF APY 13 LOT/ 47 IS:  
FAWTUKEET RIVER AUTHORITY  
DBA FAWTUKEET RIVER WATERSHED COUNCIL  
8 HOPE FURNACE ROAD  
HOPE, RHODE ISLAND 02831
- THIS SITE IS LOCATED IN FEMA FLOOD ZONES X AND AE. REFERENCE FEMA FLOOD INSURANCE RATE MAP 440702427H, MAP REVISED OCTOBER 2, 2015. (FLOOD PLAN DESCRIPTIONS SHOWN BELOW).
  - ZONE AE - THIS SITE IS LOCATED IN FEMA FLOOD ZONE AE. ZONE AE ARE SPECIAL FLOOD HAZARD AREAS UNDATED 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.
- THE OVERALL BOUNDARY SHOWN ON SHEETS 1, 2 AND 4, IS COMPILED FROM DOCUMENTS OF RECORD AND IS NOT TO BE CONSTRUED 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 CONSTRUED AS A CLASS I BOUNDARY RETRACEMENT SURVEY PLAN AND IS NOT SUITABLE FOR RECORDING AS A CLASS I STANDARD SURVEY PLAN.
- 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.
- ALL WORK PERFORMED HEREIN IS TO BE GOVERNED 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 THE DIFFERENT 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.
- THE SITE IS WITHIN A:  
GROUNDWATER PROTECTION AREA (RIDEM)  
NATURAL HERITAGE AREA (RIDEM)
- THE SITE IS LOCATED WITHIN THE FRESHWATER WETLAND BUFFER URBAN REGION PER THE FRESHWATER WETLANDS BUFFER REGIONS MAPS (250-RICR-150-15-3,24).
- 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 (O&M). THE O&M CONTAINS:
      - LONG TERM MAINTENANCE
      - LONG TERM POLLUTION PREVENTION
- THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.X). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT: [HTTP://WWW.DOT.RHODEISLAND.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP](http://www.dot.rhodeisland.gov/business/contractorsandconsultants.php).
- THE DRAINAGE SYSTEM IS DESIGNED TO MEET CITY OF CRANSTON SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
- THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.
- WETLAND EDGE DELINEATED BY NATURAL RESOURCE SERVICES AND SURVEYED BY NATURAL RESOURCE SERVICES USING SUBMETER GPS ON AUGUST 17, 2022.
- 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 ALTERNATIVE(S) 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.
- 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	PERCENT
Pp*	PODUNK FINE SANDY LOAM
Q0A	QUONSET GRAVELLY SANDY LOAM, 0 TO 3 PERCENT SLOPES
Ru	RUNNEY FINE SANDY LOAM
Ud	UDORTHERNS-URBAN LAND COMPLEX
Ur	URBAN LAND

NOTE: \*PRIME FARMLAND

**SOIL EROSION AND SEDIMENT CONTROL NOTES:**

- 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.
- 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 PLANS).
- NOTE THE SOIL EROSION AND SEDIMENT CONTROL SHOWN ON THESE PLANS ARE THE MINIMUM QUANTITY/TYPE 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.
- 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.
- FOR SEQUENCE OF CONSTRUCTION, PROJECT PHASING AND CONSTRUCTION PHASING SEE SESC PLAN.
- CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM THE CEOR AND OWNER PLAN.
- 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:**

- OVERALL SITE CONSTRUCTION PHASING TO BE WRITTEN PER SEDIMENT TRAP CONTRIBUTING CATCHMENT, UNLESS OTHERWISE APPROVED IN WRITING BY THE CEOR.
- SEDIMENT EROSION CONTROL PHASING TO MINIMIZE DISTURBANCE TO THE MAXIMUM EXTENT PRACTICABLE.
- ANY AREAS THAT ARE CLEARED AND GRUBBED THAT ARE EITHER A) NOT TRIBUTARY TO A SEDIMENT TRAP, OR B) ARE NOT INTENDED FOR IMMEDIATE DEVELOPMENT/ EARTHWORKING, MUST BE STABILIZED IMMEDIATELY INCLUDING (BUT NOT LIMITED TO) SLOPE INTERRUPTORS, HYDROSEED BONDED 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:**

- CONTRACTOR MUST NOTIFY "DIG SAFE" AT 811 (OR 1-888-344-7233) A MINIMUM OF 72 HOURS BEFORE EXCAVATING.
- CONTRACTOR MUST OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR MUST PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCES DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON EXTERNAL STREETS.
- ANY EXISTING BUILDING(S) AND PROPERTY PROPOSED TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR IS RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HEREIN. R&D MATERIALS INCLUDE BUT ARE NOT LIMITED TO PAVES, CONCRETE BASINS, MANHOLES, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
- 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.
- 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 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.
- 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.
- CONTRACTOR MUST COORDINATE THE CUTTING AND CAPPING OF ALL UTILITIES WITH THE OWNER, THE MUNICIPALITY, AND ALL APPLICABLE UTILITY ENTITIES HAVING JURISDICTION.
- INACTIVE SUBSURFACE UTILITIES NOT IN CONFLICT WITH THE PROPOSED WORK AREA MAY BE ABANDONED IN PLACE WITH WRITTEN PERMISSION FROM THE OWNER.

**TRAFFIC NOTES:**

- ALL TRAFFIC CONTROL MUST CONFORM TO THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) CURRENT EDITION.
- DURING CONSTRUCTION, TRAFFIC CONES MUST BE USED FOR SEPARATION OF ACTIVE TRAFFIC FROM WORK ZONE PER MUTCD REQUIREMENTS.
- DURING CONSTRUCTION FLAGGERS MUST BE EMPLOYED TO ENSURE SAFETY FOR INTERACTION OF CONSTRUCTION VEHICLES AND ACTIVE TRAFFIC.
- ALL SIGNS, FLAGGERS, TRAFFIC CONTROL DEVICES, AND TEMPORARY TRAFFIC ZONE ACTIVITIES MUST MEET THE REQUIREMENTS OF THE MUTCD LATEST EDITION AND SUBSEQUENT ADDENDA.
- TEMPORARY CONSTRUCTION SIGNS MUST BE MOUNTED ON RIDOT 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. SURVEYOR 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:**

- 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.
- CONTROL POINTS, PROPOSED BOUNDS, AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION MUST BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
- 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:**

- CONSTRUCTION TO COMMENCE WINTER 2024 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
- 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.
- ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS MUST BE COORDINATED WITH OWNER, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
- ALL RETAINING 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.
- 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.
- MATERIAL STOCKPILES MUST NOT BE LOCATED IN THE RIGHT-OF-WAY, AND TRENCHES MUST NOT BE LEFT OPEN OVERNIGHT.
- ALL LOAM IN DISTURBED AREAS MUST BE STOCKPILED FOR FUTURE USE. ALL STOCKPILED LOAM MUST BE REUSED ON SITE.
- 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.
- NO STUMP DUMPS ARE ALLOWED ON SITE.
- 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 CONNECTION/ 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 ENCASEMENTS 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 ENERGY PRIOR TO CONSTRUCTION.

**SITE LIGHTING:**

SITE LIGHTING (TEMPORARY AND PERMANENT) MUST BE DIRECTED AWAY FROM AND SHIELDED FROM ENVIRONMENTALLY SENSITIVE AREAS AND ADJUTING 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**

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
CA	CALCULATED
CL	CENTERLINE
CL	CHORD ANGLE
CEOR	CIVIL ENGINEER OF RECORD. DIPRETE ENGINEERING UNLESS DESIGNATED OTHERWISE BY OWNER
CLDIP	CONCRETE LINED DUCTULE IRON PIPE
CO	CLEAN OUT
CONC	CONCRETE
(D)	DEED
DCB	DOUBLE CATCH BASIN
DI	DROP INLET
DMH	DRAINAGE MANHOLE
DP	DETENTION 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	HIGH DENSITY POLYETHYLENE
ID	IDLE DRAIN
INV	INVERT
IP	INFILTRATION POND
LARCH	LANDSCAPE ARCHITECT
LF	LINE FEET
LOD	LIMIT OF DISTURBANCE
LP	LIGHT POLE
(M)	MEASURED
MEP	MECHANICAL/ELECTRICAL/ PLUMBING ENGINEER
N/F	NOW OR FORMERLY
OHW	OVERHEAD WIRE
PE	POLYETHYLENE
P	PROPERTY LINE
PR	PROPOSED
PVC	POLYVINYL CHLORIDE
R	RADIUS
R&D	REMOVE AND DISPOSE
RCP	REINFORCED CONCRETE PIPE
RHB	RHODE ISLAND
CB	ROAD BOUND
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
SMH	SEWER MANHOLE
SNDF	SAND FILTER
SS	SIDE SLOPE
STA	STATION
TC	TOP OF CURB
TD	TRENCH DRAIN
TF	TOP OF FOUNDATION
TRANS	TRANSITION
TW	TOP OF WALL (FINISHED GRADE AT TOP OF WALL)
TYP	TYPICAL
UDS	UNDERGROUND
UDS	DETENTION SYSTEM
UIS	UNDERGROUND
UIS	INFILTRATION SYSTEM
UP	UTILITY POLE
WO	WALKOUT ELEVATION
WQ	WATER QUALITY

**EXISTING LEGEND**

(AS SHOWN ON PROPOSED PLANS)  
NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

	NAIL FOUND/SET
	DRILL HOLE FOUND/SET
	IRON ROD FOUND/SET
	BOUND FOUND/SET
	SIGN
	BOLLARD
	SOIL EVALUATION
	CATCH BASIN
	DOUBLE CATCH BASIN
	DRAINAGE MANHOLE
	FLARED END SECTION
	GUY POLE
	ELECTRIC MANHOLE
	UTILITY/POWER POLE
	LIGHTPOST
	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 PROTECTION
	COMMUNITY WELLHEAD PROTECTION
	NON-COMMUNITY WELLHEAD PROTECTION

**PROPOSED LEGEND**

NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

	PROPERTY LINE
	BUILDING SETBACKS
	CHAINLINK FENCE
	GUARDRAIL SEE LAYOUT AND MATERIALS NOTE 10.
	RETAINING WALL
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	SPOT ELEVATION
	EDGE OF PAVEMENT
	BITUMINOUS BERM
	CONCRETE CURB (RIDOT STD 7.1.0)
	MONOLITHIC CONCRETE CURB AND SIDEWALK
	BUILDING FOOTPRINT
	BUILDING OVERHANG
	ASPHALT PAVEMENT
	HEAVY DUTY ASPHALT PAVEMENT
	HEAVY DUTY CONCRETE
	MILL 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.

PER 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, PUBLIC 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 UNTIL 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 CONSTRUED 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 WATER MITIGATION, SOIL STABILITY AND CONSISTENCY, SPECIFIC END USER NEEDS, CONSTRUCTION ISSUES, ETC. ANY USER OF THESE PLANS SHOULD UNDERSTAND THIS LIMITATION.

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**BRIAN C. GROUX**  
REGISTERED PROFESSIONAL ENGINEER CIVIL

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S.R.	DATE	DESCRIPTION	DESIGN BY: K.E.D.
1	12-22-2024	REVIEW CURRENT PLAN	
2	12-22-2024	REVIEW CURRENT PLAN	
3	12-22-2024	REVIEW CURRENT PLAN	
4	12-22-2024	REVIEW CURRENT PLAN	

**NOTES AND LEGEND**

**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

DESIGN BY: K.E.D.

**NOTES AND LEGEND**

**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

DESIGN BY: K.E.D.

SHEET **3** OF 9





**SOIL EROSION CONTROL LEGEND**

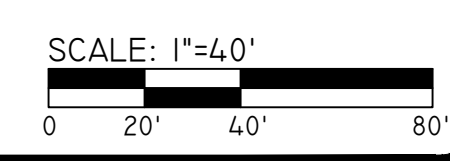
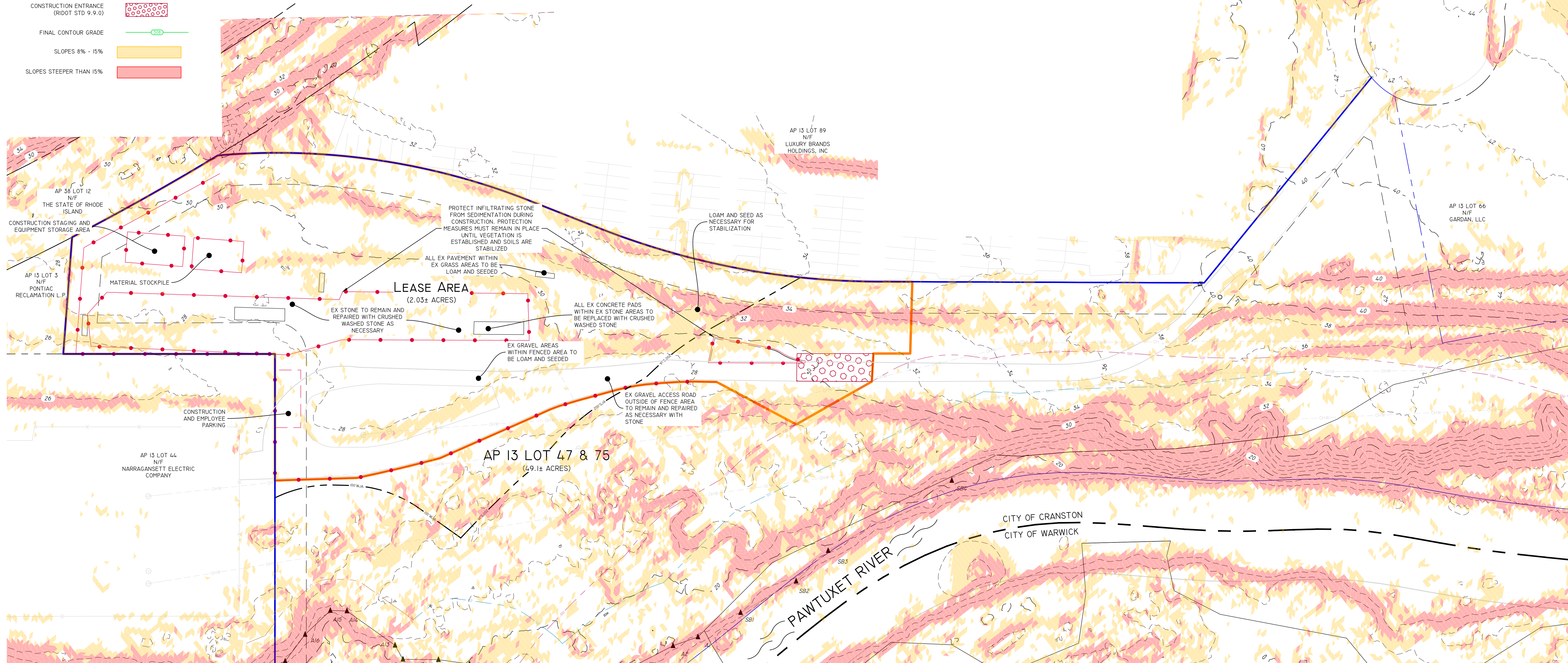
- EROSION CONTROL (COMPOST SOCK, SILT FENCE (RI STD 9.2.0, OR APPROVED EQUAL))
- LIMIT OF DISTURBANCE (NO SEDIMENT CONTROL)
- LIMIT OF DISTURBANCE (WITH SEDIMENT CONTROL)
- TRIBUTARY AREA TO SESC BMP
- CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)
- FINAL CONTOUR GRADE
- SLOPES 8% - 15%
- SLOPES STEEPER THAN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



ROSS SIMONS DRIVE  
 (FORMERLY GRANITE COURT)



**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 tel 401-943-1000 fax 401-464-6000 www.diprete-eng.com

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**BRIAN C. GROUX**  
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 THE CONTENTS OF THIS PLAN SET SHALL BE LIMITED TO THE METHODS, SAFETY, PRECAUTIONS AND REQUIREMENTS, AND DESIGN SPECIFICATIONS MADE IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.  
 EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR OBTAINING OR VERIFYING THE LOCATION AND DEPTH OF EXISTING UTILITIES. SEE 'UTILITY NOTE' ON SHEET 3.

NO.	DATE	DESCRIPTION	BY	CHK.
1	12-22-2023	PRELIMINARY SUBMISSION	B.T.	K.E.D.
2	12-22-2023	REVISION - RESPONSE TO COMMENTS	B.T.	K.E.D.
3	12-22-2023	REVISION - PLAN REVIEW	B.T.	K.E.D.

**SOIL EROSION AND SEDIMENT CONTROL 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) 922-5954

DESIGN BY: K.E.D.

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SHEET **6** OF 9

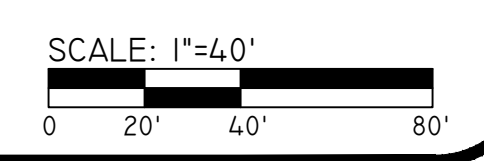
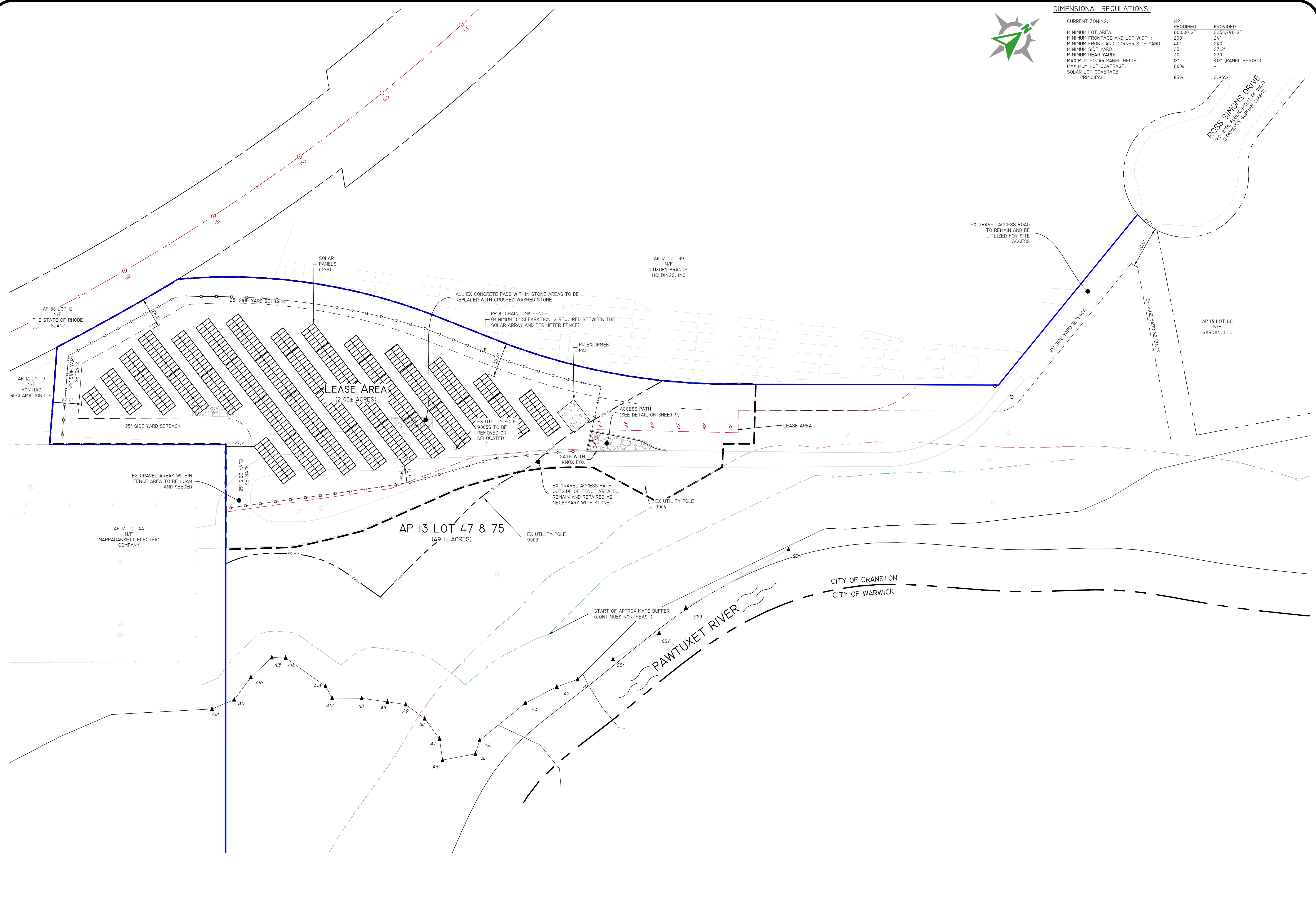
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**DIMENSIONAL REGULATIONS:**

CURRENT ZONING:	M2 REQUIRED	PROVIDED
MINIMUM LOT AREA:	60,000 SF	2,158,796 SF
MINIMUM FRONTAGE AND LOT WIDTH:	200'	214'
MINIMUM FRONT AND CORNER SIDE YARD:	40'	>40'
MINIMUM SIDE YARD:	25'	27.2'
MINIMUM REAR YARD:	30'	>30'
MAXIMUM SOLAR PANEL HEIGHT:	12'	<12' (PANEL HEIGHT)
SOLAR LOT COVERAGE:	60%	-
PRINCIPAL:	85%	2.95%



**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 Tel: 401-943-1000 Fax: 401-464-6006 www.diprete-eng.com

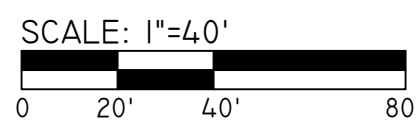
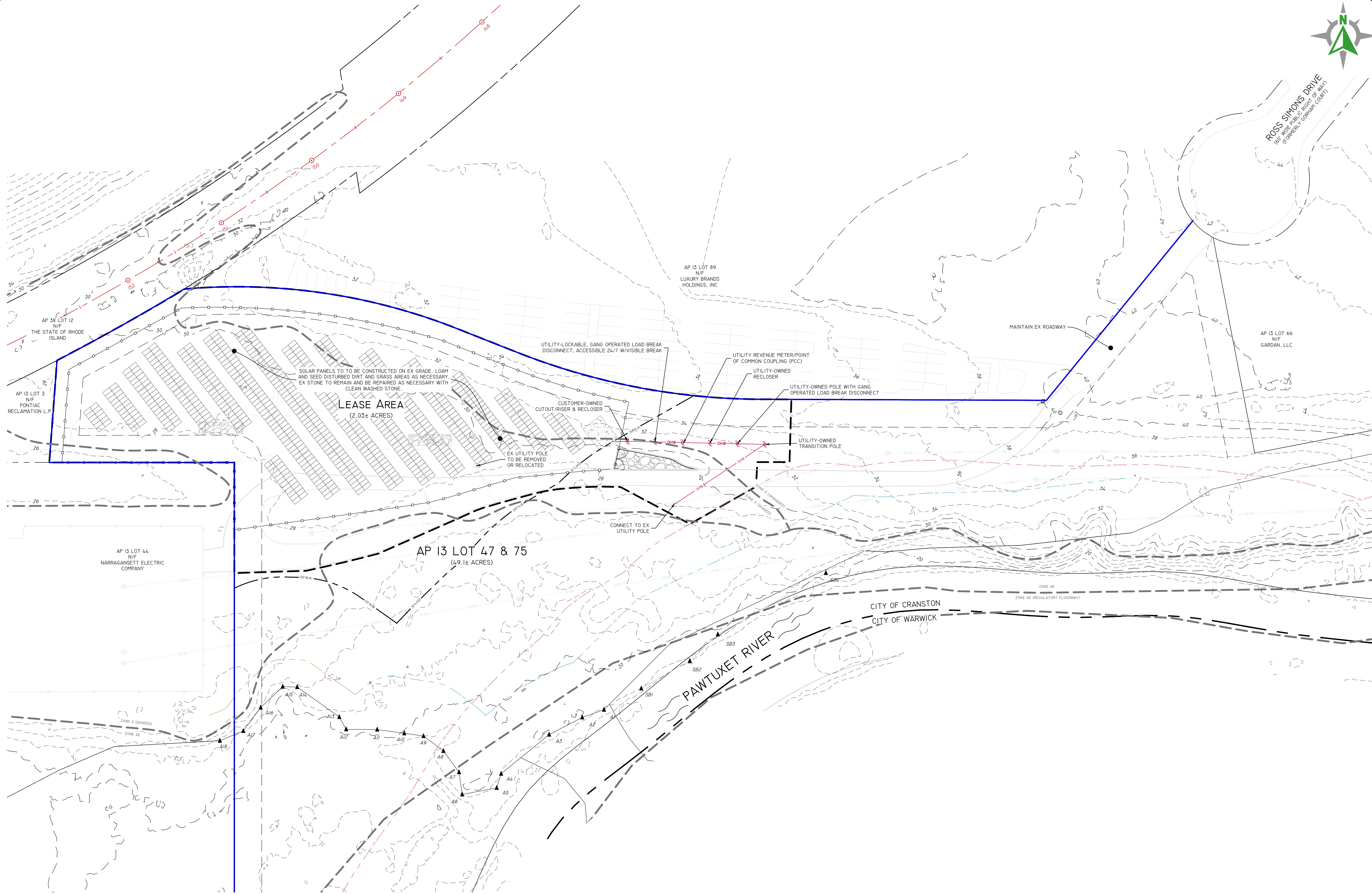
**BRIAN C. GROUX**  
 03341  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL

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NO.	DATE	DESCRIPTION	BY	CHK'D
1	12-22-2023	DESIGN	SR	SR
2	12-22-2023	REVISION	SR	SR
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80	12-22-2023	REVISION	SR	SR

**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) 922-5954

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**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) 922-5954

NO.	DATE	DESCRIPTION	BY	CHKD.
2	12-22-2024	DEVELOPMENT PLAN REVIEW	S.R.	
1	12-22-2024	REPLY - RESPONSE TO COMMENTS	S.R.	
1	12-22-2024	ISSUE - PRELIMINARY SUBMISSION	S.R.	
1	12-22-2024	DESIGN	S.R.	

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

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**BRIAN C. GROUX**  
 3341  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL

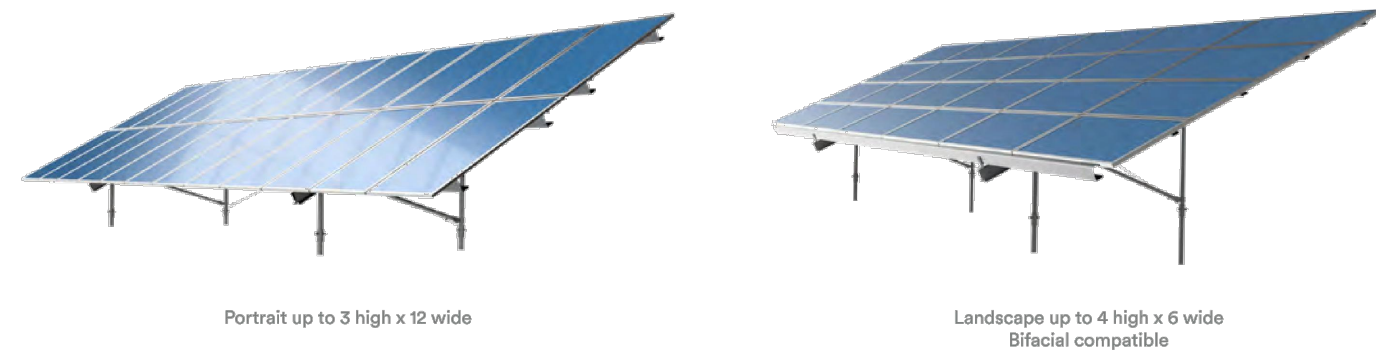
**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 tel 401-943-1000 fax 401-464-6006 www.diprete-eng.com

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# 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.



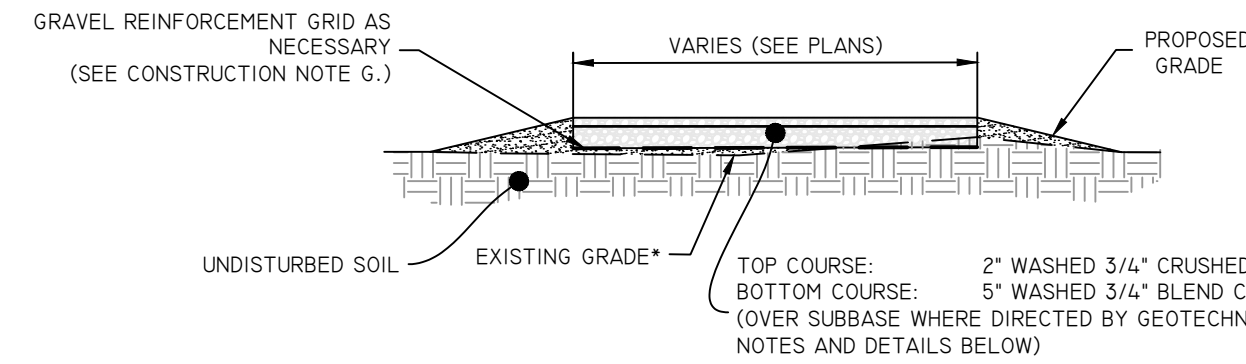
### Benefits

- 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 36%
Load capacities	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

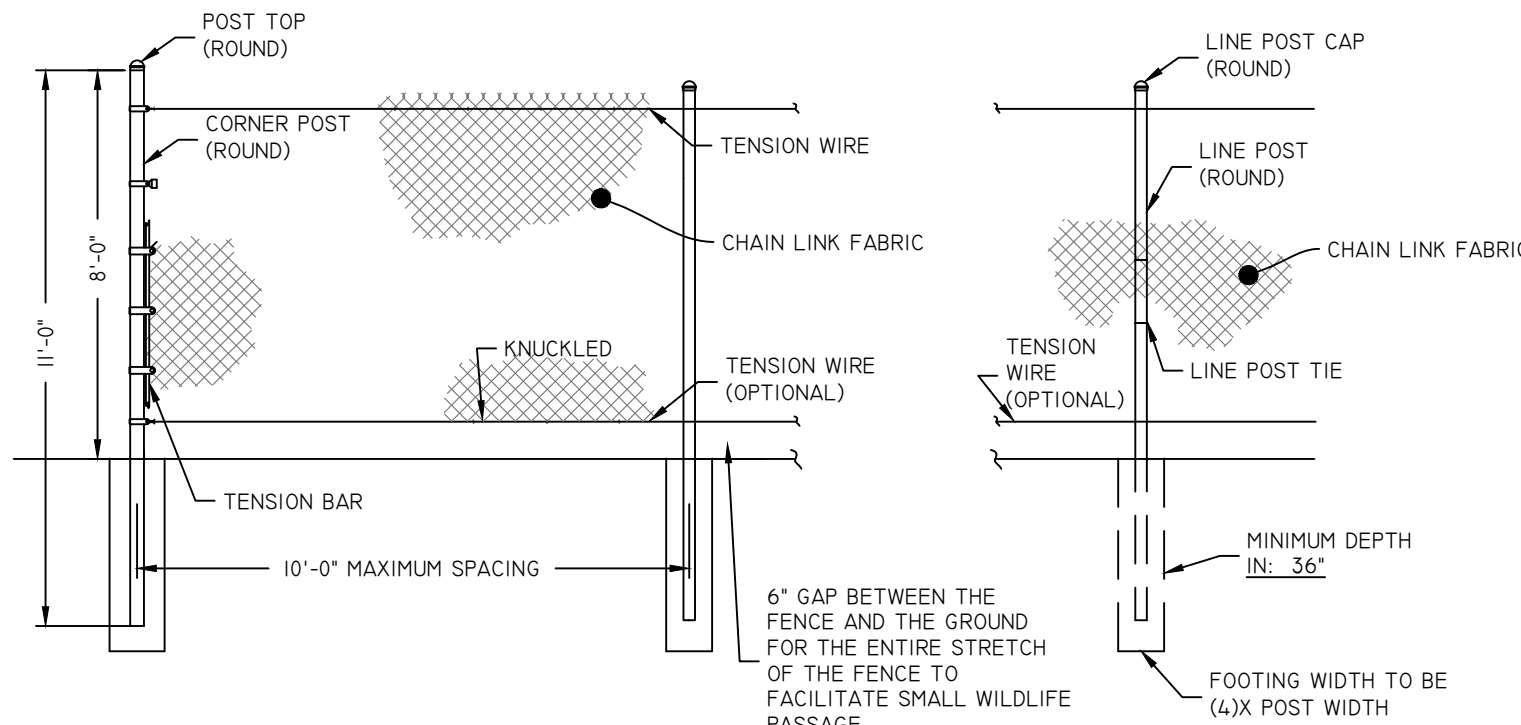
www.terrasmart.com | info@terrasmart.com



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

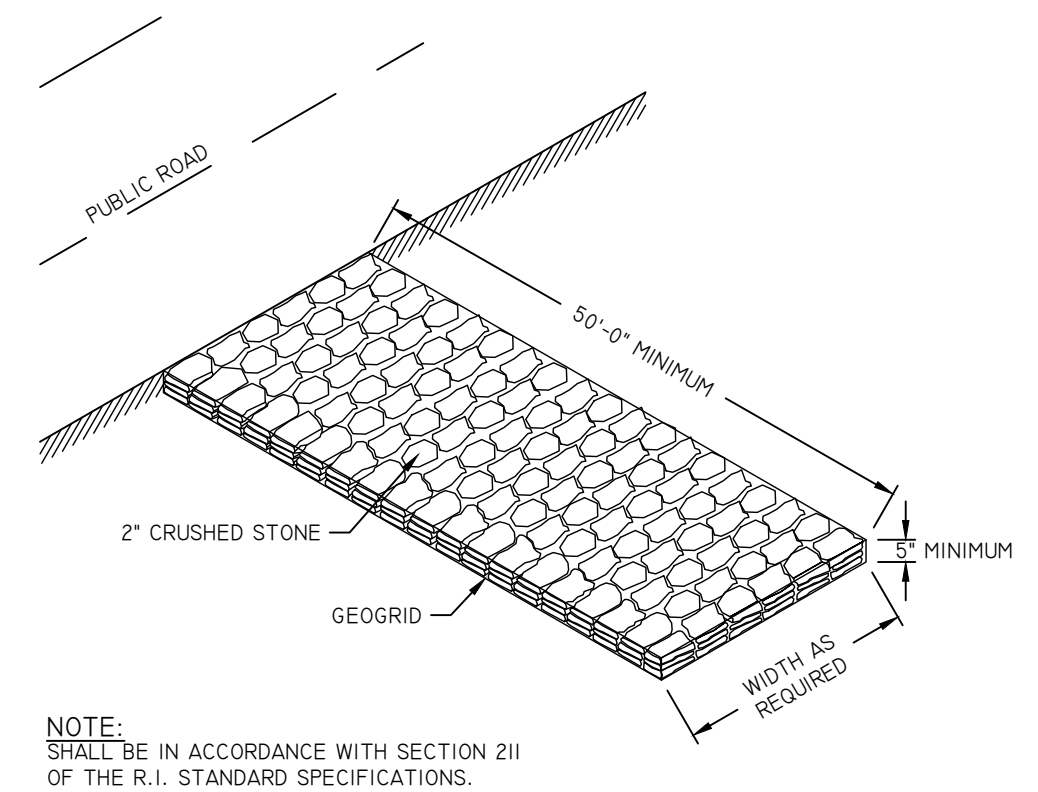
### CRUSHED STONE ACCESS PATH DETAIL

NOT TO SCALE



### FENCE DETAIL

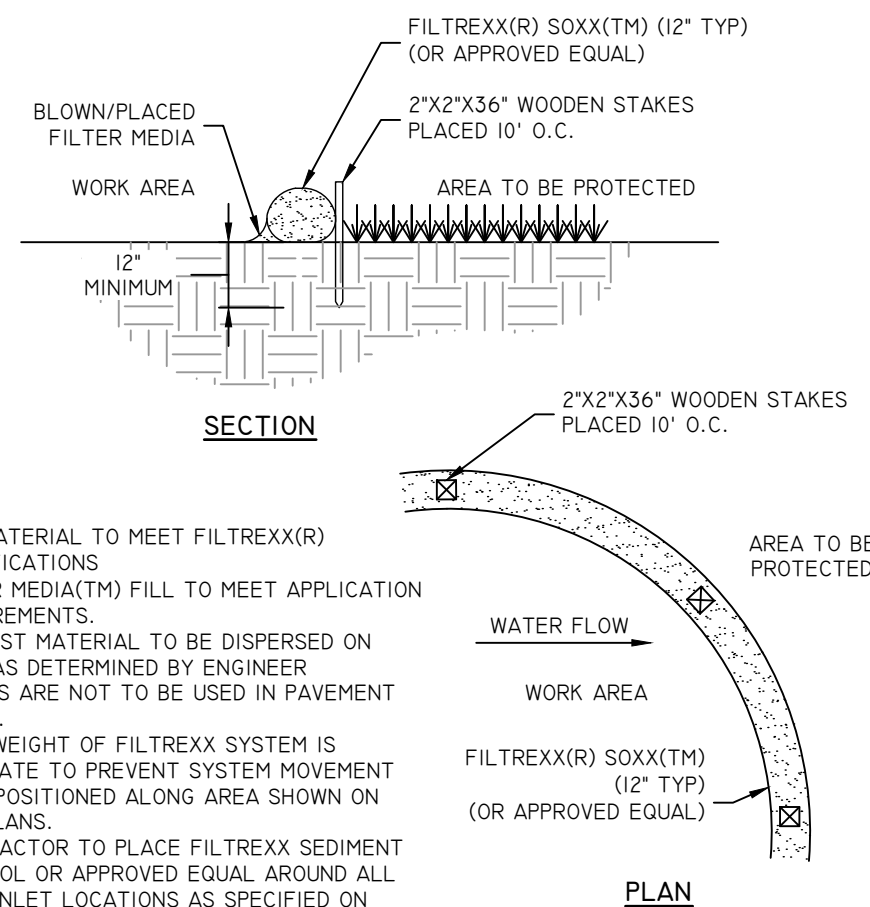
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NOTE:  
SPALLS SHALL BE IN ACCORDANCE WITH SECTION 211 OF THE R.I. STANDARD SPECIFICATIONS.

### CONSTRUCTION ACCESS

NOT TO SCALE

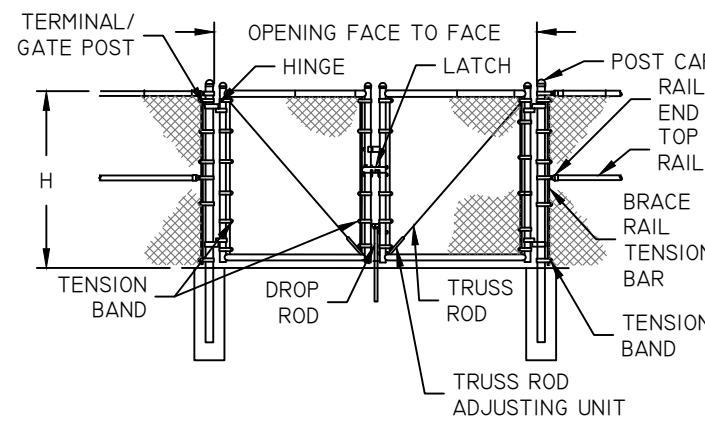


### NOTES:

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

### FILTREXX SEDIMENT CONTROL (OR APPROVED EQUAL)

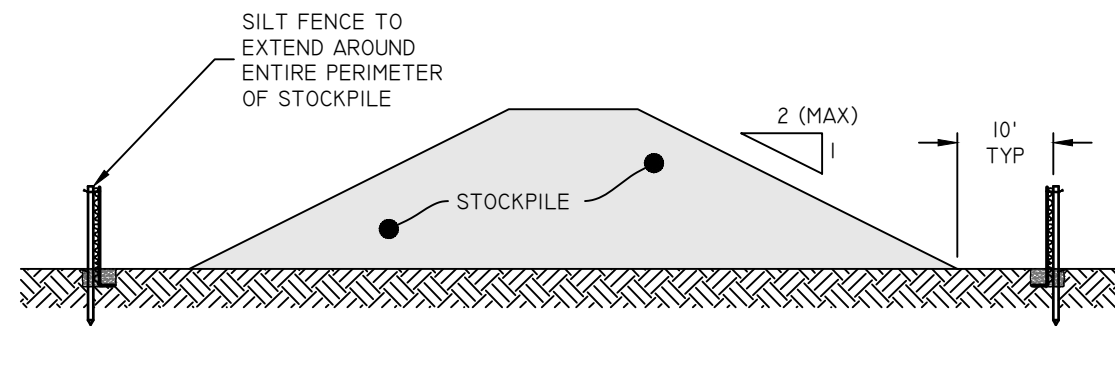
NOT TO SCALE



NOTE:  
1. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.  
2. SPECIFICATIONS SHOWN CAN BE CHANGED BY THE MANUFACTURER ONLY.  
3. FOOTING WIDTH TO BE (4)x POST WIDTH.

### DOUBLE SWING GATE 6-16' OPENING

NOT TO SCALE

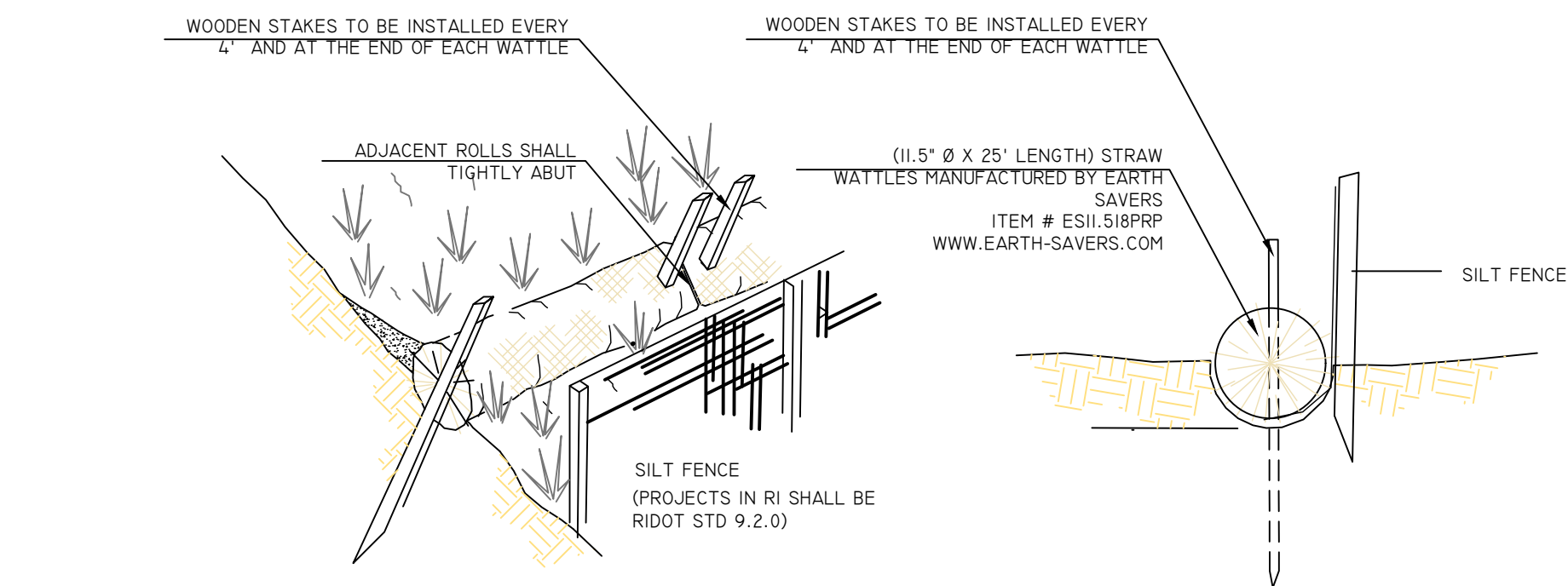


### NOTES:

1. 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).
2. DIVERT ALL STORMWATER AWAY FROM STOCKPILES.
3. 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.
4. STOCKPILE AND SILT FENCE MUST BE INSPECTED AT LEAST ONCE PER WEEK AND AFTER RAIN EVENTS IN EXCESS OF 1/2" OF RAINFALL. REPAIR/ REPLACE SILT FENCE (AND STOCKPILE COVERS WHERE APPLICABLE) AS NEEDED TO KEEP THEM FUNCTIONING ADEQUATELY.
5. SEDIMENT TRAPPED BY SILT FENCES MUST BE REMOVED AND PROPERLY DISPOSED OF WHENEVER SIGNIFICANT ACCUMULATION OCCURS.

### STOCKPILE PROTECTION

NOT TO SCALE

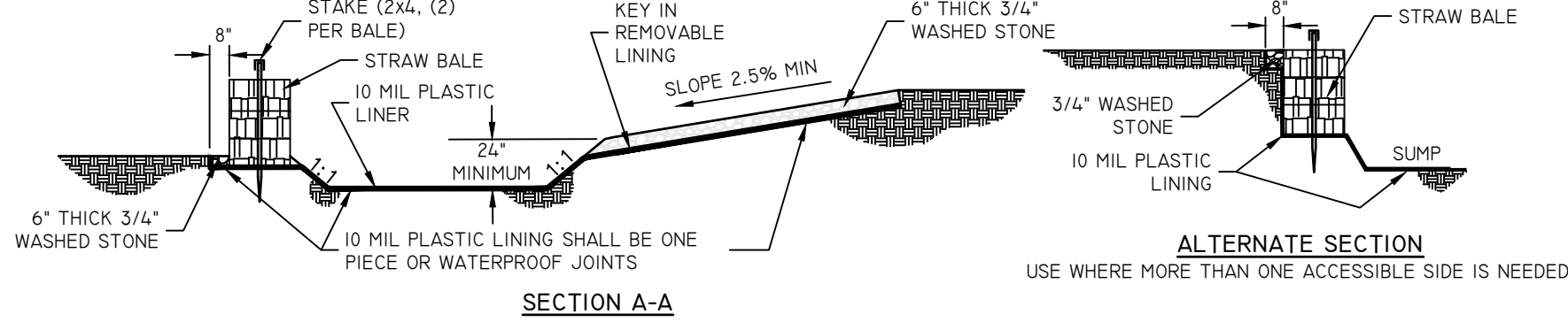
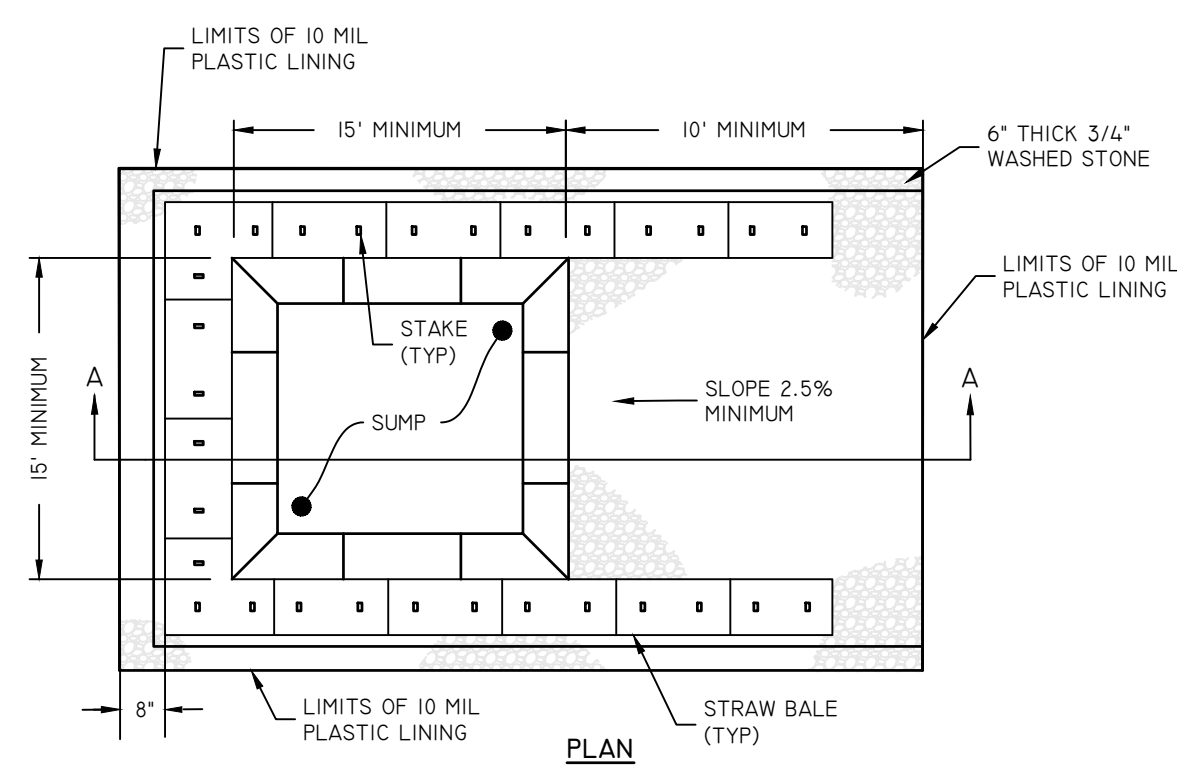


### NOTES:

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

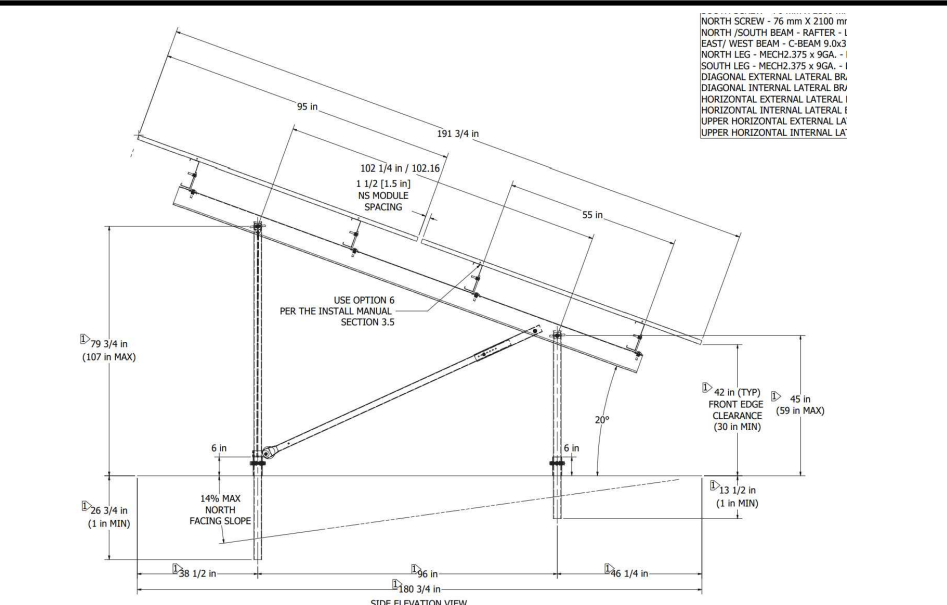


### NOTES:

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

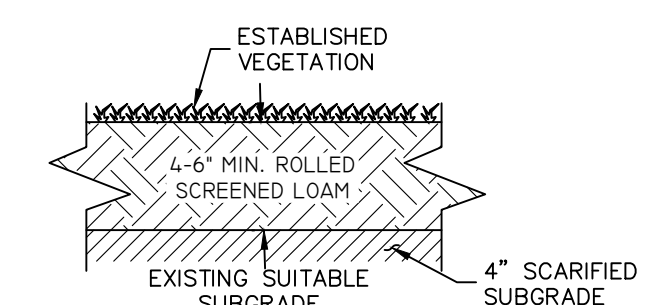
### CONCRETE WASHOUT AREA

NOT TO SCALE



### SOLAR PANEL RACKING

NOT TO SCALE



### NOTE:

1. 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.
2. GRASS SEED MIX AS SPECIFIED IN LANDSCAPE PLANS.
3. MAXIMUM ALLOWABLE STONE SIZE WITHIN LOAM IS 1 INCH DIAMETER.
4. 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.
5. CONTRACTOR MAY USE OTHER SIMILAR TECHNOLOGIES ONLY WITH WRITTEN APPROVAL FROM DESIGN ENGINEER AND SOLAR DEVELOPER, AND MUST STILL COMPLY WITH THE NOTE ABOVE.
6. 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

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NO.	DATE	DESCRIPTION	DESIGN BY: K.E.D.
1	12-22-2024	REVISE PER PLAN REVIEW	S.R.
2	12-22-2024	REVISE PER PLAN REVIEW	S.R.
3	12-22-2024	REVISE PER PLAN REVIEW	S.R.
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10	12-22-2024	REVISE PER PLAN REVIEW	S.R.
11	12-22-2024	REVISE PER PLAN REVIEW	S.R.
12	12-22-2024	REVISE PER PLAN REVIEW	S.R.
13	12-22-2024	REVISE PER PLAN REVIEW	S.R.
14	12-22-2024	REVISE PER PLAN REVIEW	S.R.
15	12-22-2024	REVISE PER PLAN REVIEW	S.R.
16	12-22-2024	REVISE PER PLAN REVIEW	S.R.
17	12-22-2024	REVISE PER PLAN REVIEW	S.R.
18	12-22-2024	REVISE PER PLAN REVIEW	S.R.
19	12-22-2024	REVISE PER PLAN REVIEW	S.R.
20	12-22-2024	REVISE PER PLAN REVIEW	S.R.

DETAIL SHEET  
SHARE DRIVE SOLAR  
ASSESSOR'S PLAT 13 LOT 47  
CRANSTON, RHODE ISLAND  
PREPARED FOR:  
SHARE SOLAR, LLC  
117 METRO CENTER BLVD, WARWICK, RHODE ISLAND 02886  
TEL (401) 922-9954