

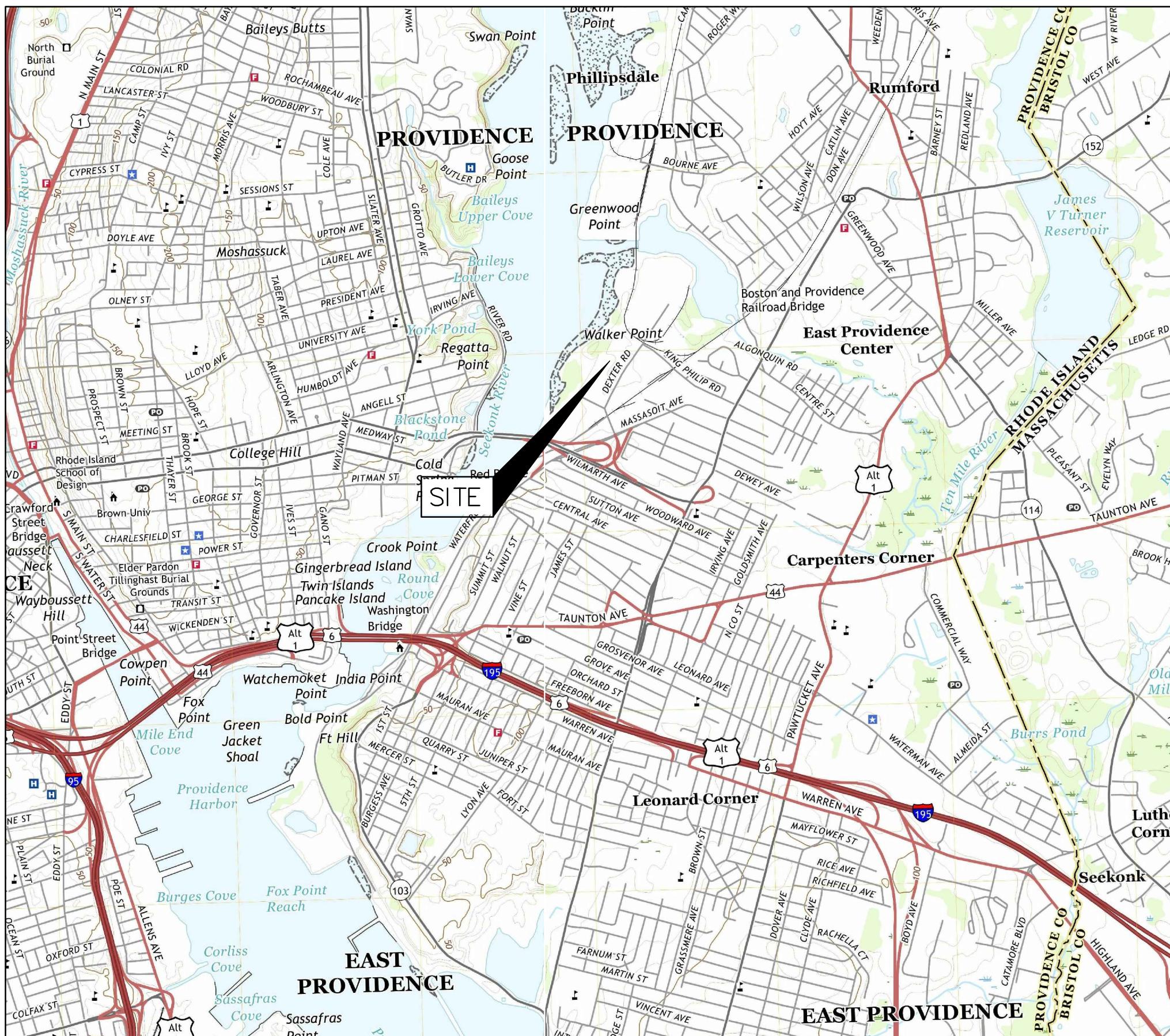
SOLAR ENERGY DEVELOPMENT

0, 7 AND 105 DEXTER ROAD

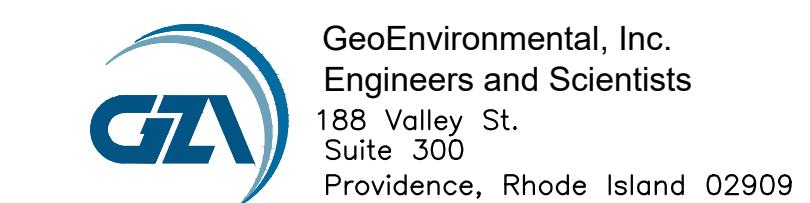
MAP 204, BLOCK 1, PARCELS 17, 17.1 AND 18

EAST PROVIDENCE, RHODE ISLAND

JANUARY, 2020



DESIGNED BY:



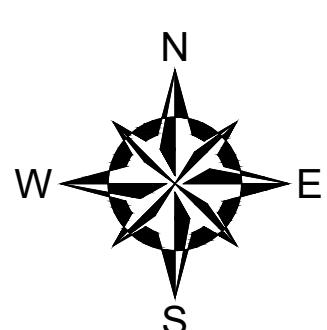
PREPARED FOR:



1200 Soldiers Field Rd
Suite 202
Boston, MA 02134

INDEX TO DRAWINGS	
-	COVER SHEET
-	CLASS 1 PROPERTY BOUNDARY / EXISTING CONDITIONS PLAN
C-1	RADIUS MAP
C-2	SOIL MAP AND STORMWATER FLOW PLAN
C-3	EROSION AND SEDIMENT CONTROL PLAN
C-4	TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS
C-5	PROPOSED SITE LAYOUT/LANDSCAPING PLAN
C-6	SOLAR ARRAY AND ELECTRIC DETAILS
C-7	SITE AND PLANTING DETAILS

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PROJECT LOCUS MAP

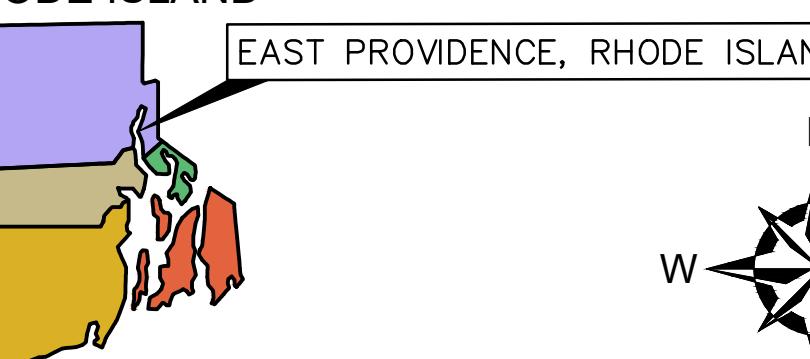
SCALE: 1" = 2000' APPROX.

BASE MAP FROM THE PROVIDENCE, RI (2018) AND
EAST PROVIDENCE, RI (2018) USGS QUADRANGLE MAP.

DIGITAL TOPOGRAPHIC MAPS PROVIDED BY USGSSTORE.GOV.
CONTOUR ELEVATIONS REFERENCE NAVD 88,
CONTOURS ARE SHOWN IN FEET AT 10' INTERVALS

0 1000' 2000' 4000'

RHODE ISLAND

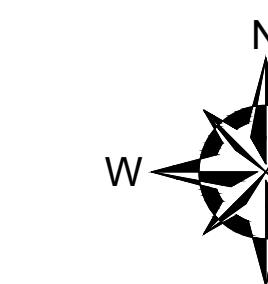


PROJECT PHOTOGRAPHIC SITE MAP

SCALE: 1" = 400' APPROX.

REFERENCE NOTE:

BASE MAP DEVELOPED FROM RIGIS AERIAL
IMAGERY TAKEN IN APRIL 2019.



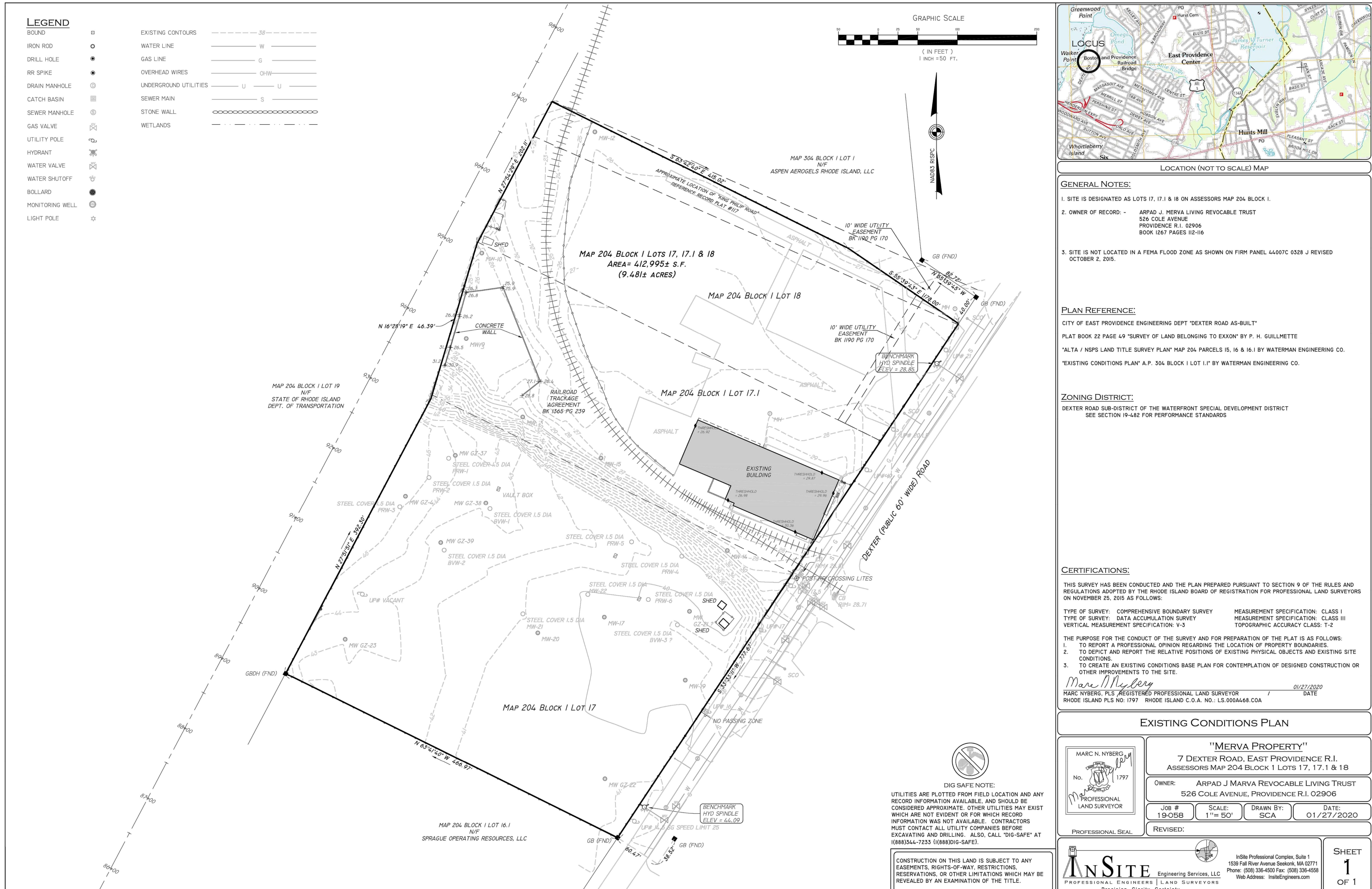
0 200' 400' 800'

EAST PROVIDENCE WATERFRONT DISTRICT
COMMISSION APPROVAL

PE STAMP:

EXECUTIVE DIRECTOR
DATE



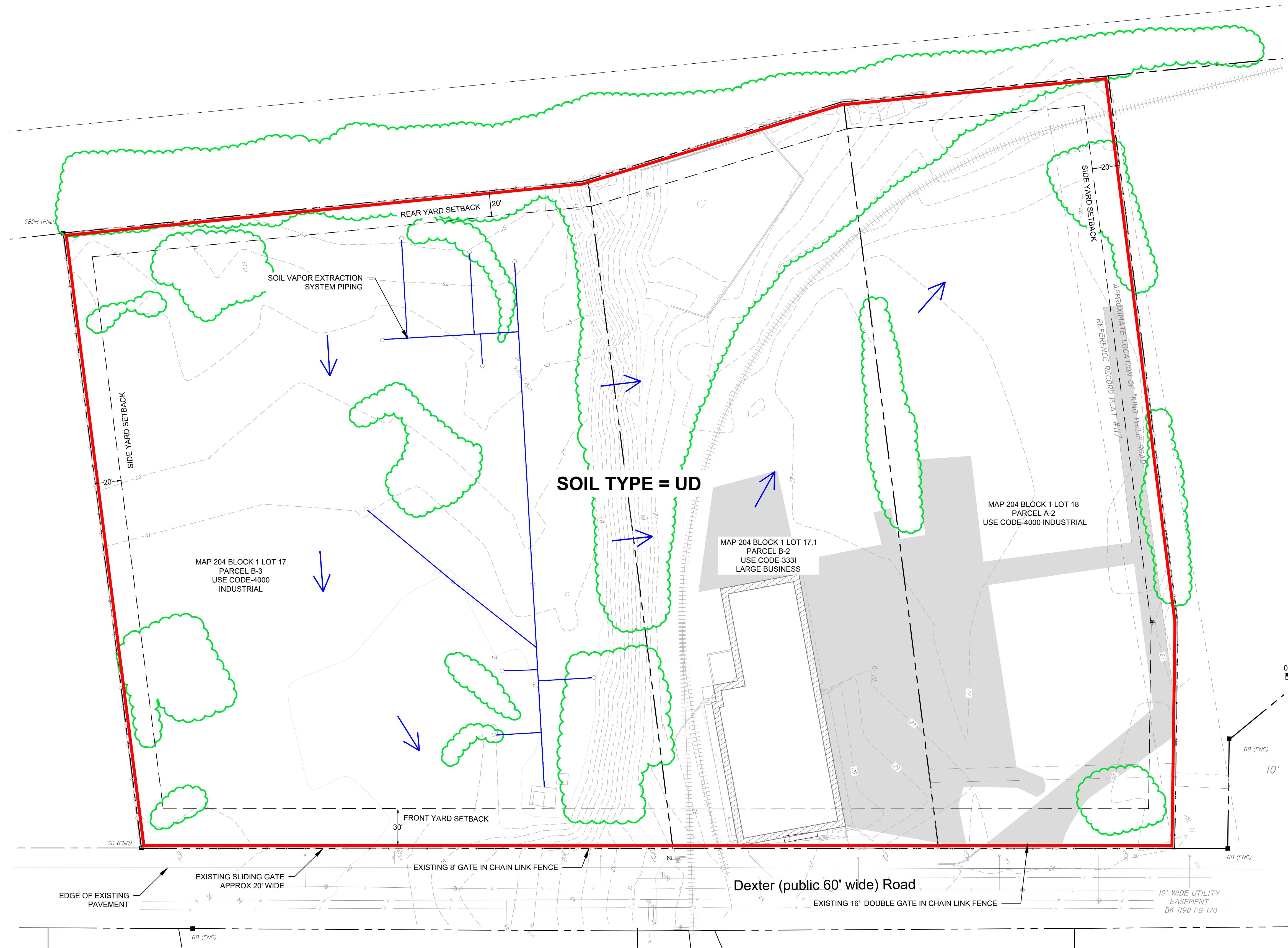


SEEKONK RIVER

MAP 204 BLOCK 1 LOT 19
N/F
STATE OF RHODE ISLAND
DEPT. OF TRANSPORTATION

GENERAL NOTES:

1. BASE MAP DEVELOPED FROM PLAN TITLED "EXISTING CONDITIONS SURVEY" CREATED BY INSITE ENGINEERING SERVICES, LLC, DATED 10/21/2019.
2. ZONING AND PARCEL DATA SOURCED FROM EAST PROVIDENCE CITY GIS MAP AND DATABASE.
3. ALL LOTS WITHIN 200 FOOT ABUTTER'S RADIUS ARE PART OF THE DEXTER ROAD SUBDISTRICT OF NORTHERN WATERFRONT DISTRICT
4. SOIL DATA FROM NRCS WEB SOIL SURVEY



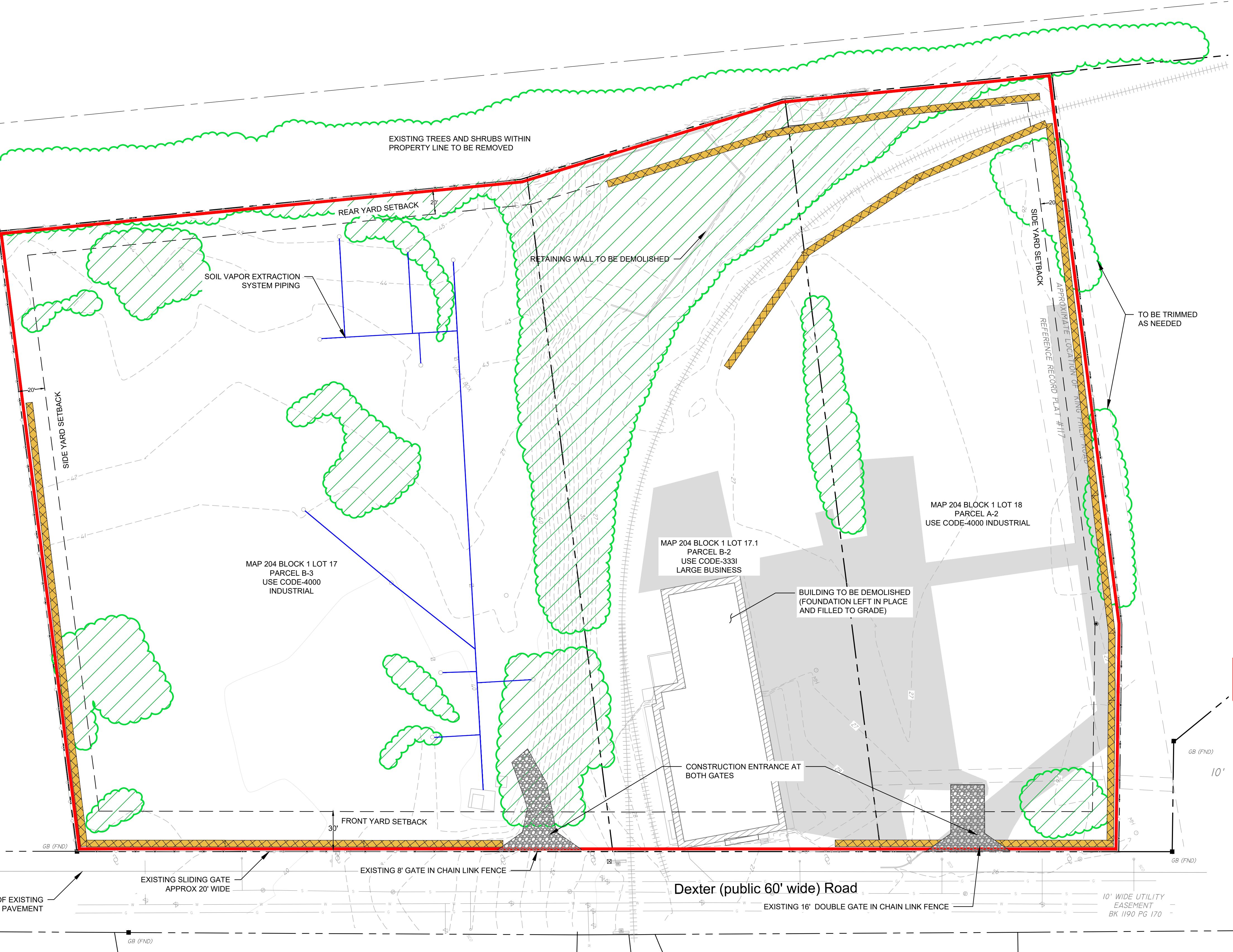
SEEKONK RIVER

MAP 204 BLOCK 1 LOT 19
N/F
STATE OF RHODE ISLAND
DEPT. OF TRANSPORTATION

GENERAL NOTES:

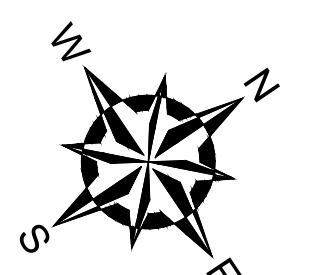
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© 2020 - GZA GeoEnvironmental, Inc. GZA-J:\ENV\34676.RD\FIGURES\CAD\DWGS\34676-EROSION AND SEDIMENT CONTROL PLAN.DWG SOILS JANUARY 28, 2020 2:04PM COLLIN CAMP



LEGEND:

— — — — —	PROPERTY LINE
— — — — —	PROPERTY SETBACK
	TREE LINE
	LIMIT OF WORK
	SVE SYSTEM PIPING
	STRAW WATTLE (SEE DETAIL-C4)
	ASPHALT
	CONSTRUCTION ENTRANCE (SEE DETAIL-C4)
	VEGETATION TO BE REMOVED



A scale bar at the top shows distances from 0 to 120 feet in increments of 20'. Below it is a red-bordered box containing the text "PERMITTING ONLY" in large red letters, followed by "NOT FOR CONSTRUCTION" in smaller red letters.

PE STAMP:

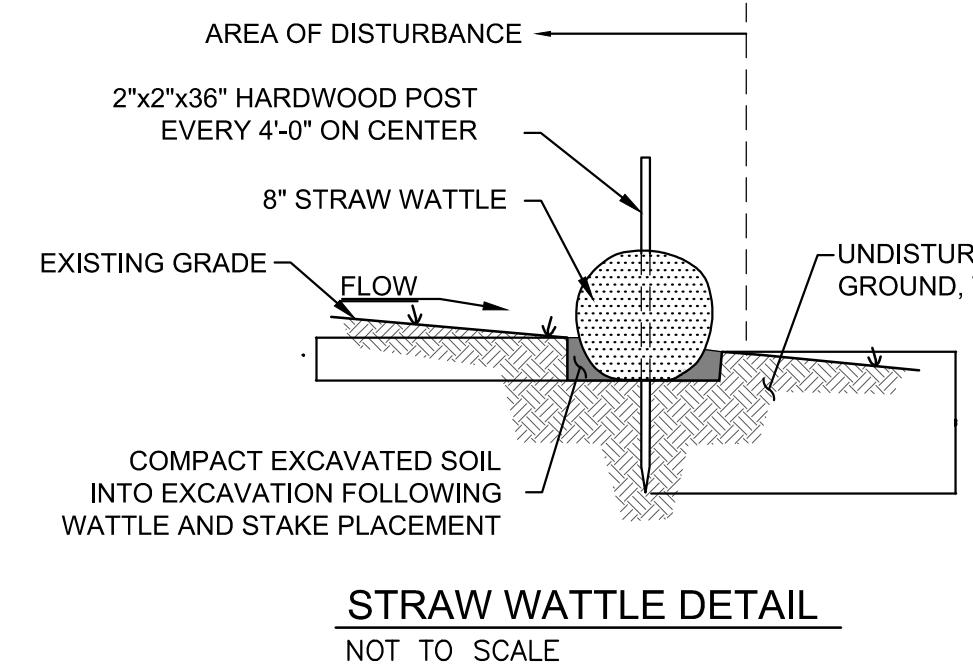
TODD R. GREENE
No. 8567
1/2/2020
RECEIVED
PROFESSIONAL ENGINEER
CIVIL

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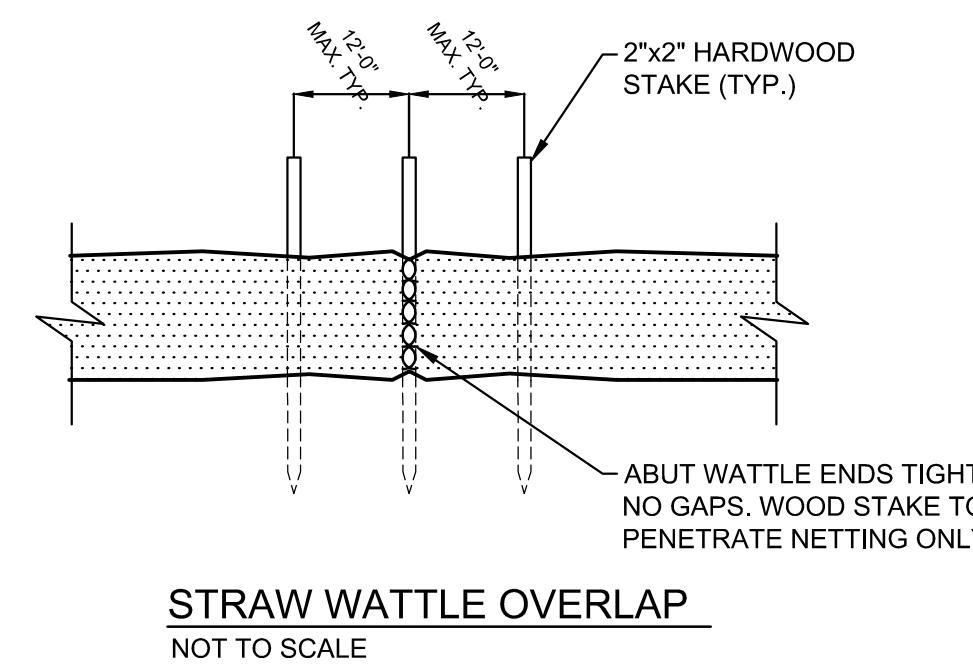
**SOLAR ENERGY DEVELOPMENT
100, 7 AND 105 DEXTER ROAD
EAST PROVIDENCE, RI**

EROSION AND SEDIMENT CONTROL AND DEMOLITION PLAN

PREPARED BY:  GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR:  KEARSARGE E N E R G Y	
PROJ MGR:	RD	REVIEWED BY:	TRG
DESIGNED BY:	RD	DRAWN BY:	CMC
DATE: JANUARY 2020	PROJECT NO. 34676	CHECKED BY:	EAS
		SCALE:	AS NOTED
		REVISION NO.	0
FIGURE C-3			
SHEET NO. 0 OF 7			



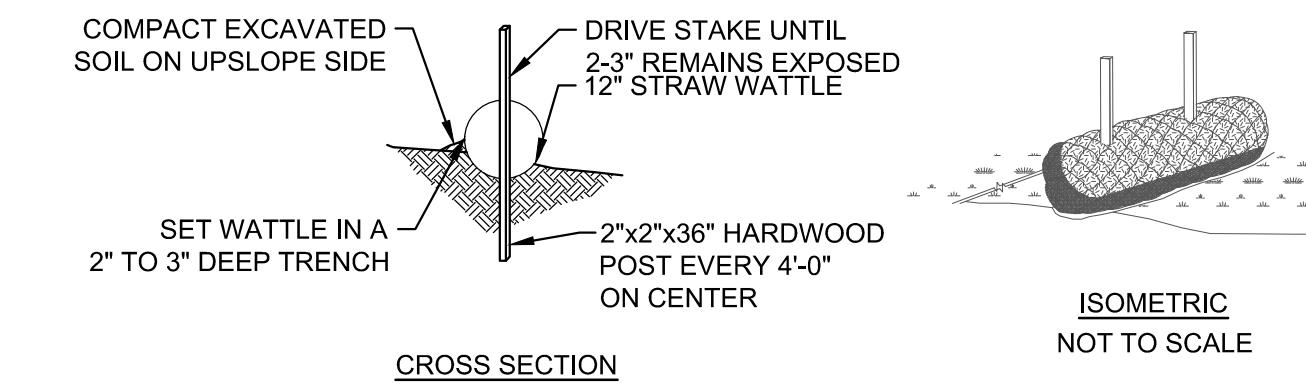
STRAW WATTLE DETAIL
NOT TO SCALE



STRAW WATTLE OVERLAP
NOT TO SCALE

NOTES:

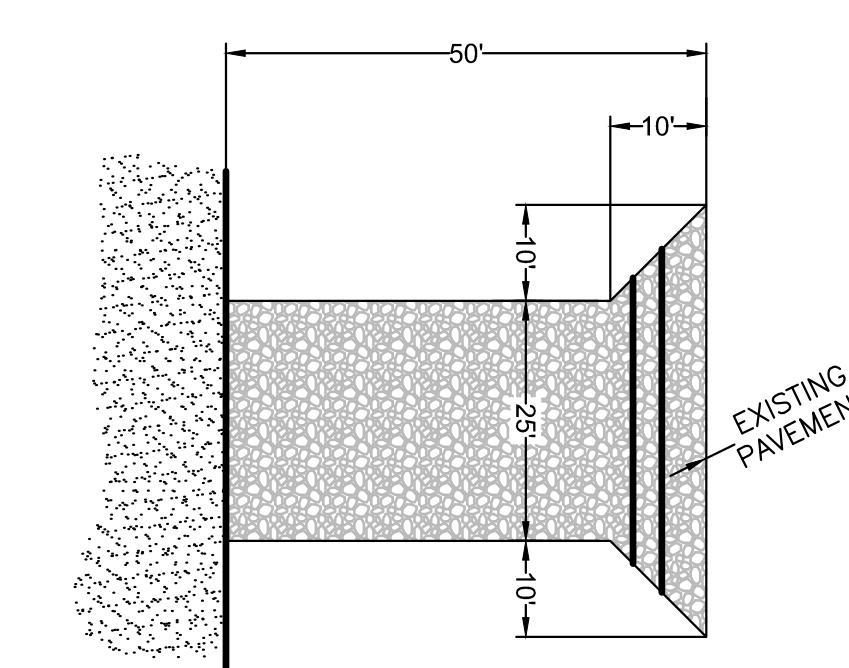
1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATION A 2-3" DEEP x 9" WIDE TRENCH. EXCAVATED SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT THE SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 36" H. STAKES EVERY 3-4' WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLES LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE. THE WATTLE STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.



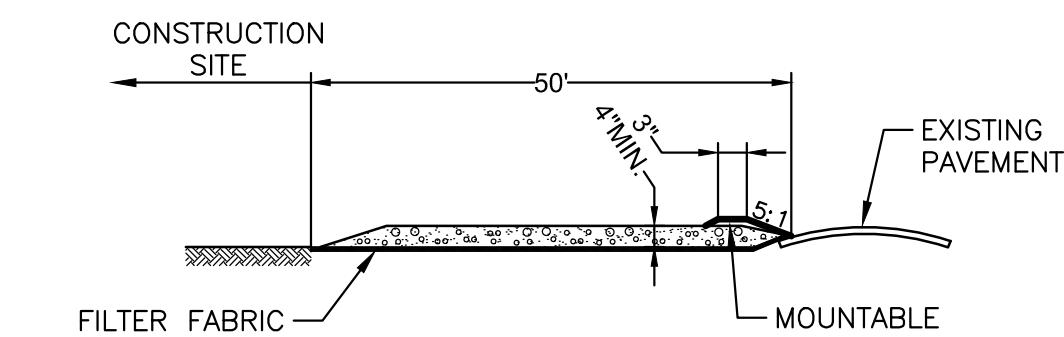
STRAW WATTLE TEMPORARY EROSION CONTROL MEASURES
NOT TO SCALE

STABILIZED CONSTRUCTION ENTRANCE NOTES

1. ENTRANCE WIDTH SHALL BE A TWENTY-FIVE (25) FEET MINIMUM.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. A BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED
3. STABILIZED CONSTRUCTION ENTRANCE SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED



PLAN



STABILIZED CONSTRUCTION ENTRANCE/EXIT
NOT TO SCALE



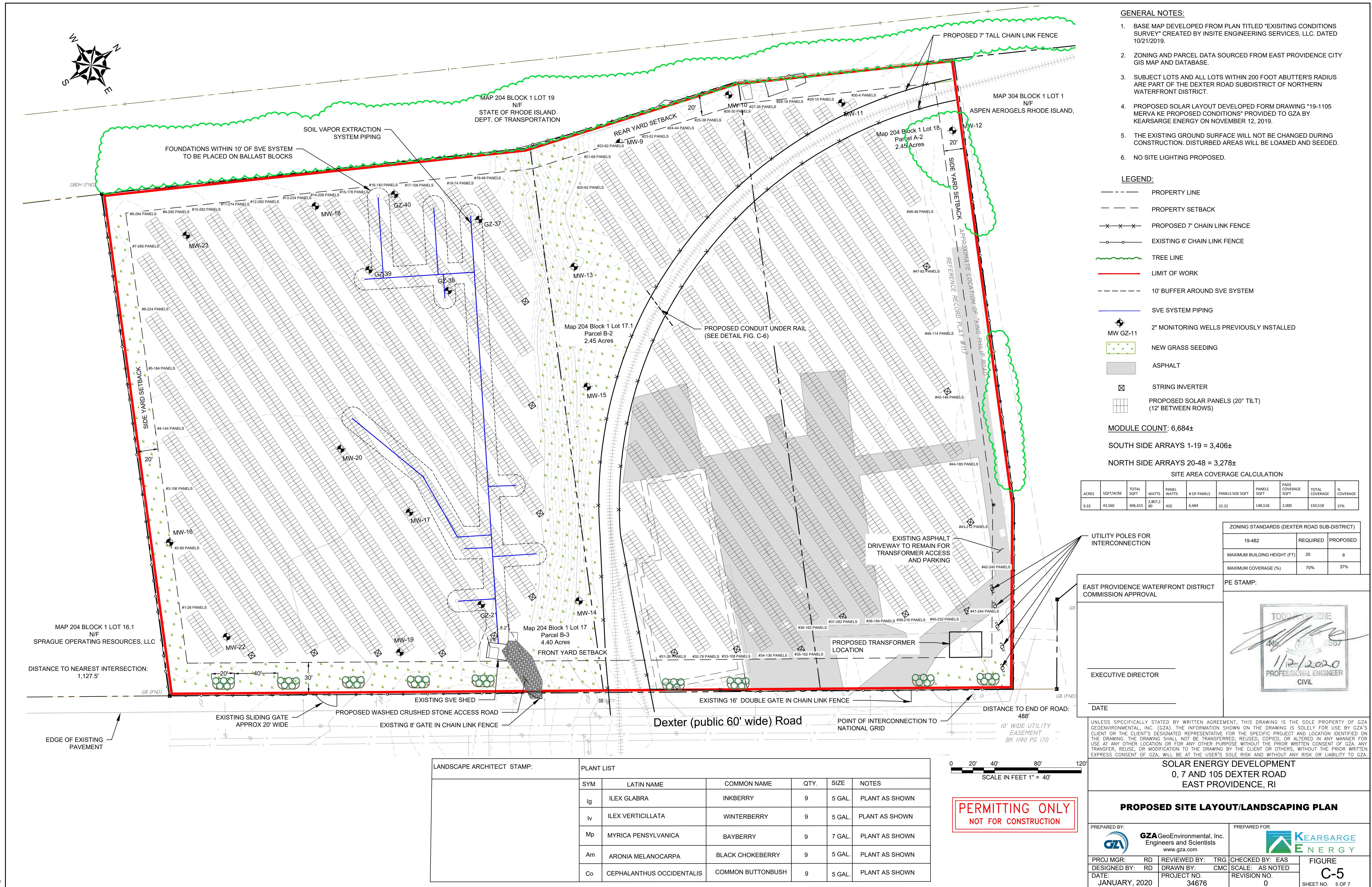
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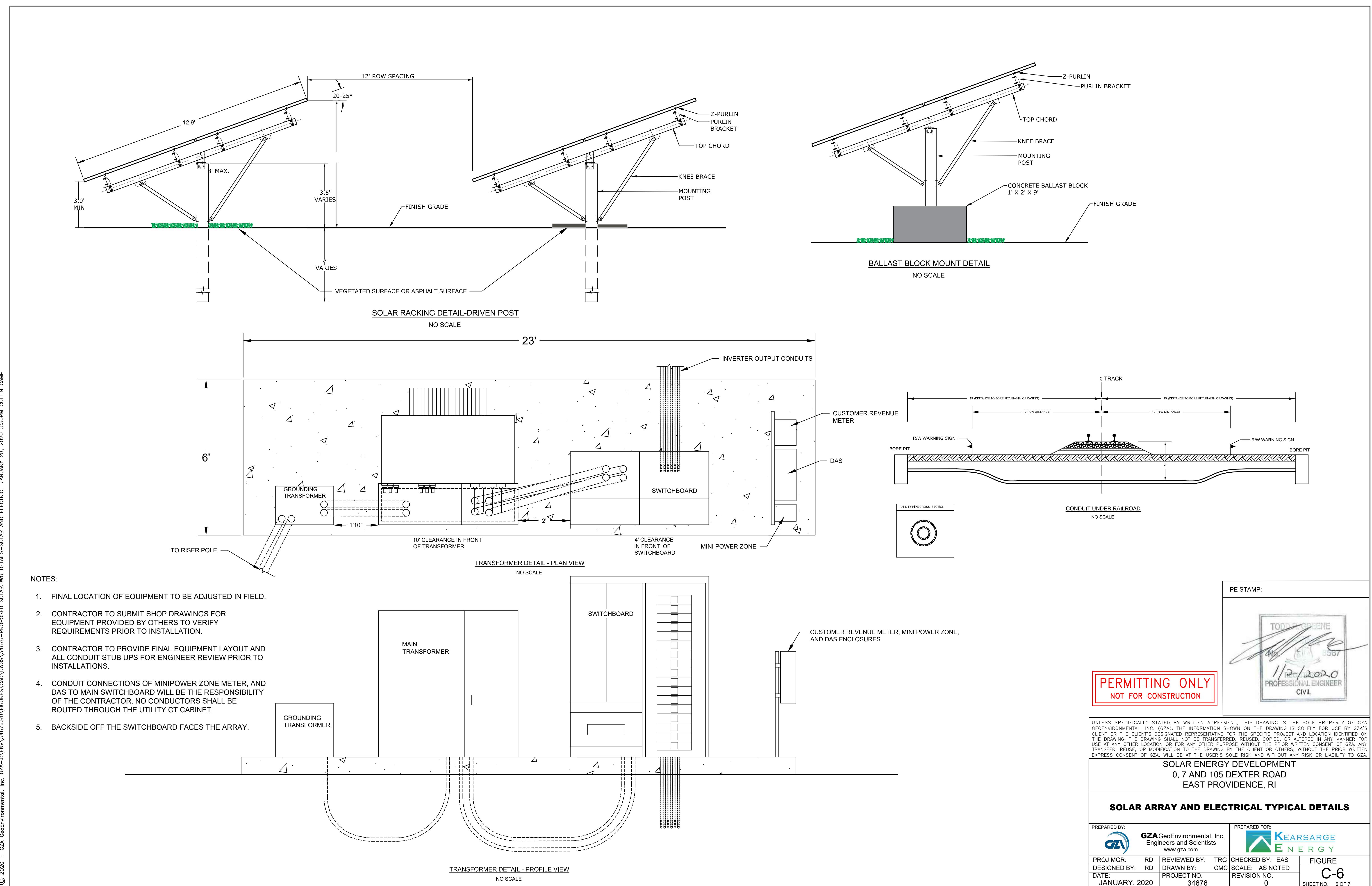
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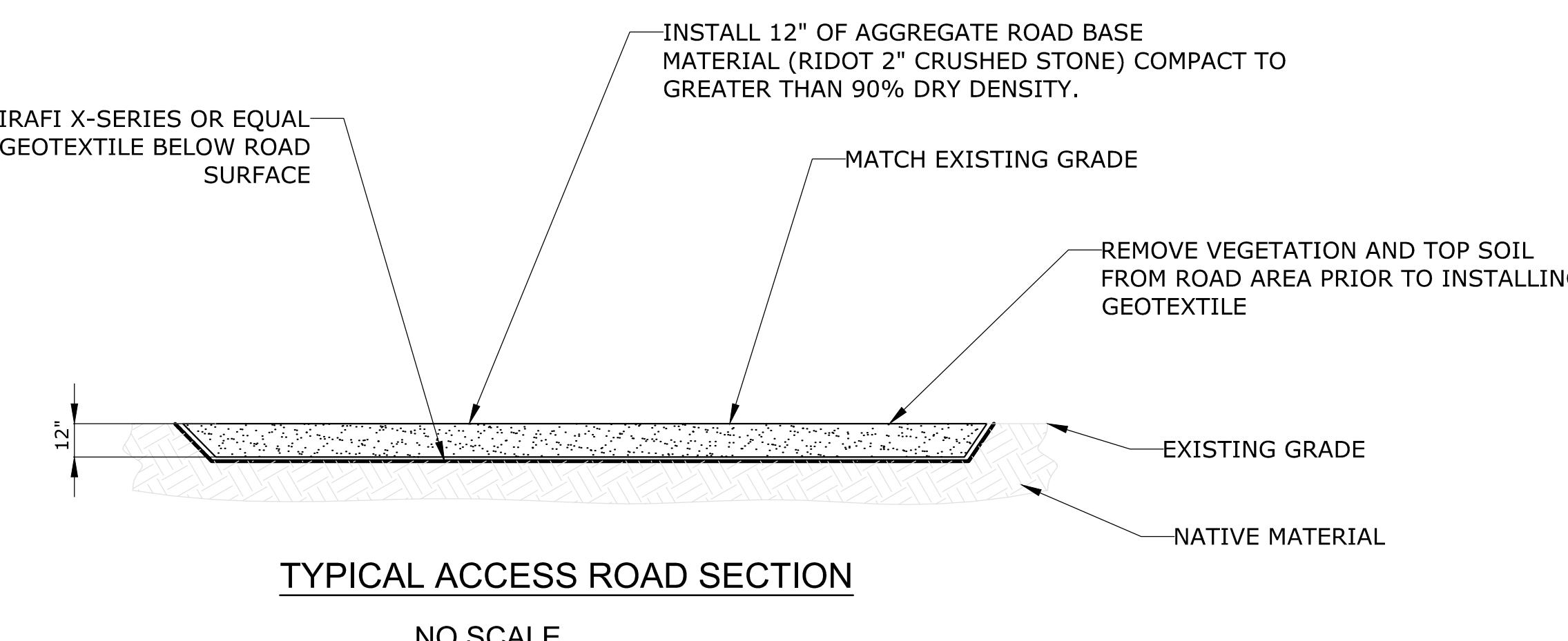
SOLAR ENERGY DEVELOPMENT
0, 7 AND 105 DEXTER ROAD
EAST PROVIDENCE, RI

EROSION AND SEDIMENT CONTROL AND DEMOLITION DETAILS

PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR:	KEARSARGE ENERGY
PROJ MGR: RD	REVIEWED BY: TRG	CHECKED BY: EAS	FIGURE
DESIGNED BY: RD	DRAWN BY: CMC	SCALE: AS NOTED	C-4
DATE: JANUARY, 2020	PROJECT NO. 34676	REVISION NO. 0	SHEET NO. 4 OF 7







TYPICAL ACCESS ROAD SECTION

NO SCALE

PLANTING NOTES:

1. ALL PLANTS SHALL BE HEALTHY NURSERY STOCK MEETING REQUIREMENTS OF NURSERYMEN'S ASSOCIATION STANDARDS FOR TYPE, SIZE, AND CONDITION. ALL OTHERS WILL BE REJECTED.

2. OWNER'S REPRESENTATIVE WILL INSPECT ALL PLANT BEDS PRIOR TO ANY PLANTING.

3. ALL PLANT BEDS SHALL RECEIVE A 3" SETTLED DEPTH OF AGED SHREDDED HEMLOCK BARK MULCH, IMMEDIATELY AFTER INSTALLATION OF MULCH, THE CONTRACTOR SHALL THOROUGHLY WET ALL BEDS WITH THE EQUIVALENT OF 2" RAINFALL TO SETTLE MULCH TO 3" DEPTH.

4. PLANT LIST IS INFORMATIONAL ONLY. IF THERE IS A DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANS, QUANTITIES SHOWN ON THE PLAN SHALL GOVERN.

5. ALL TREE PITS AND PLANT BEDS SHALL RECEIVE PREPARED TOPSOIL AS DETAILED AND SPECIFIED.
 -PLANT BEDS: 12" DEPTH WITH SURFACE 3" BELOW FINISHED GRADE TO ALLOW FOR MULCH.
 -PLANTING SOIL MIX: (WELL BLENDED)
 -5 PARTS TOPSOIL BORROW
 -1 PART PEAT HUMUS
 -1 PART WELL-ROTTED MANURE

MULCH 3" MIN. KEEP FROM DIRECT CONTACT WITH STEMS

EDGE OF 2"-3" HIGH WATER SAUCER

REMOVE EXTRA SOIL FROM BASE OF STEMS AND TOP OF ROOTBALL
 CUT AND REMOVE ALL ROPE, TWINE, WIRE BASKETS AND SYNTHETIC BURLAP. CUT AND ROLL-BACK BURLAP PRIOR TO BACKFILLING. IF CONTAINER GROWN REMOVE CONTAINER AND LOOSEN ROOTS AT OUTER 1/2" EDGE OF ROOTBALL.

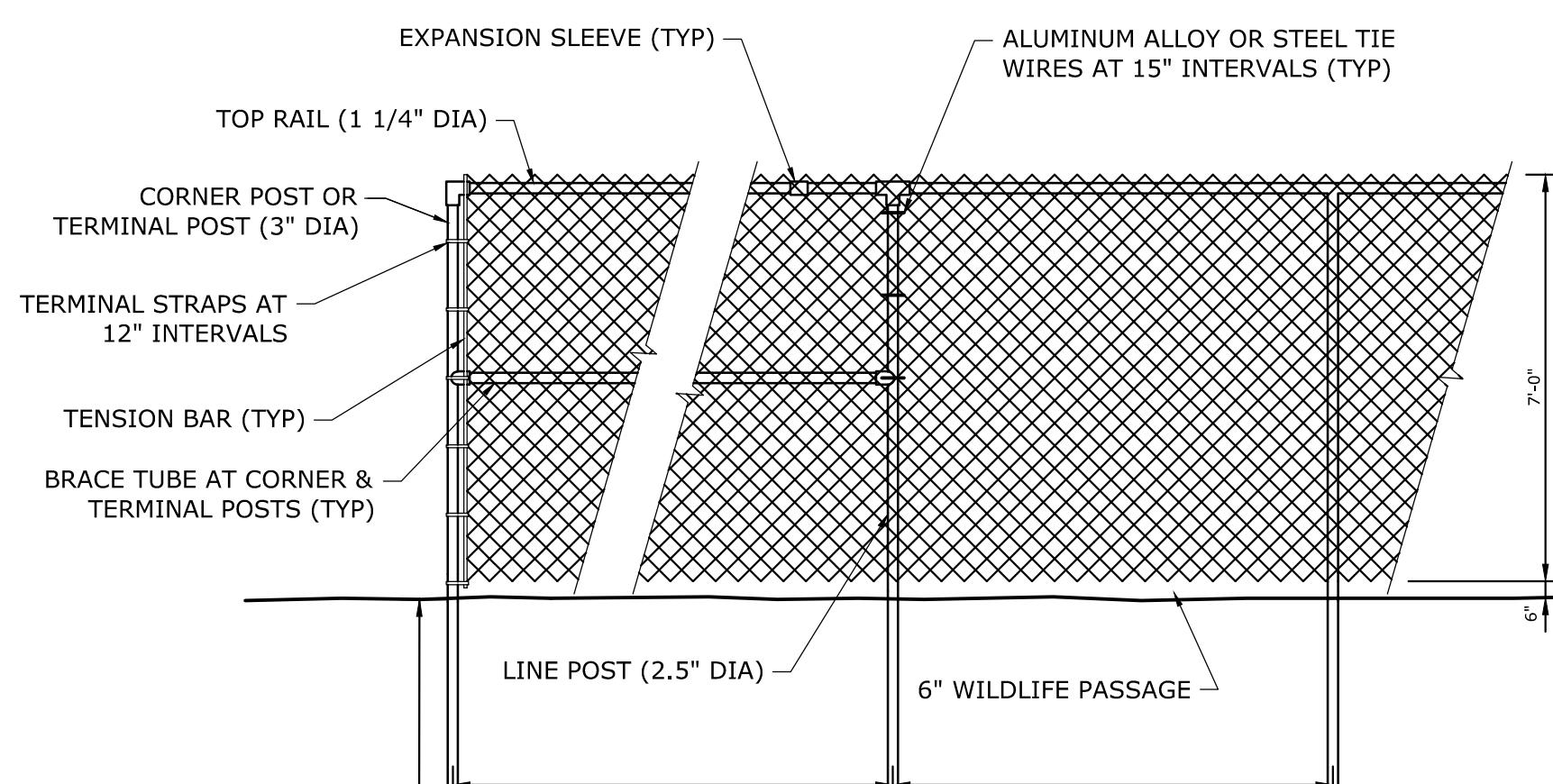
ADJACENT MATERIALS VARY SEE PLANS

PLANTING SOIL - CONTINUOUS THROUGHOUT BED
 PLANTING 12" MIN. DEPTH

ROOTBALL SHALL SIT DIRECTLY ON COMPACTED SUBGRADE

SHRUB PLANTING BED

NTS



CHAIN LINK FENCE DETAIL

NO SCALE

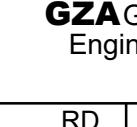
CHAINLINK FENCING NOTES:

1. CHAINLINK FABRIC SHALL BE MADE OF 9 GAUGE STEEL WIRE, 2" MESH SIZE.
2. ALL POSTS SHALL BE PLUMB IN ALL DIRECTIONS.
3. LINE POSTS MAY BE HAMMER DRIVEN. IF HAMMER DRIVEN, POST END MUST BE CUT TO FINAL HEIGHT AFTER DRIVING IS COMPLETE. CUT END IS TO BE CUT SQUARE AND FREE OF BENDS, MUSHROOMING, AND BURRS. CUT END TO BE TREATED AS PER NOTE #1.
4. LINE & TERMINAL POSTS, BRACE TUBES, TOP RAILS, & GATE POSTS SHALL ALL BE SCHEDULE 40 PIPE. REFERENCED DIAMETER IS NOMINAL.
5. FENCE TO BE GROUNDED IF WITHIN 15' OF PV ARRAY. FENCE TO BE GROUNDED IF OVERHEAD ELECTRICAL UTILITY WIRE CROSSES FENCE OR WITHIN 15' OF POLES/ROW

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SOLAR ENERGY DEVELOPMENT
 0, 7 AND 105 DEXTER ROAD
 EAST PROVIDENCE, RI

SITE AND PLANTING TYPICAL DETAILS

PREPARED BY:  TODD R. GREENE 1/21/2020 PROFESSIONAL ENGINEER CIVIL	PREPARED FOR:  KEARSARGE ENERGY
PROJ MGR: RD	REVIEWED BY: TRG
DESIGNED BY: RD	DRAWN BY: CMC
DATE: JANUARY, 2020	PROJECT NO. 34676
SCALE: AS NOTED	REVISION NO. 0
FIGURE C-7	SHEET NO. 7 of 7

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