

PROPOSED SOLAR DEVELOPMENT

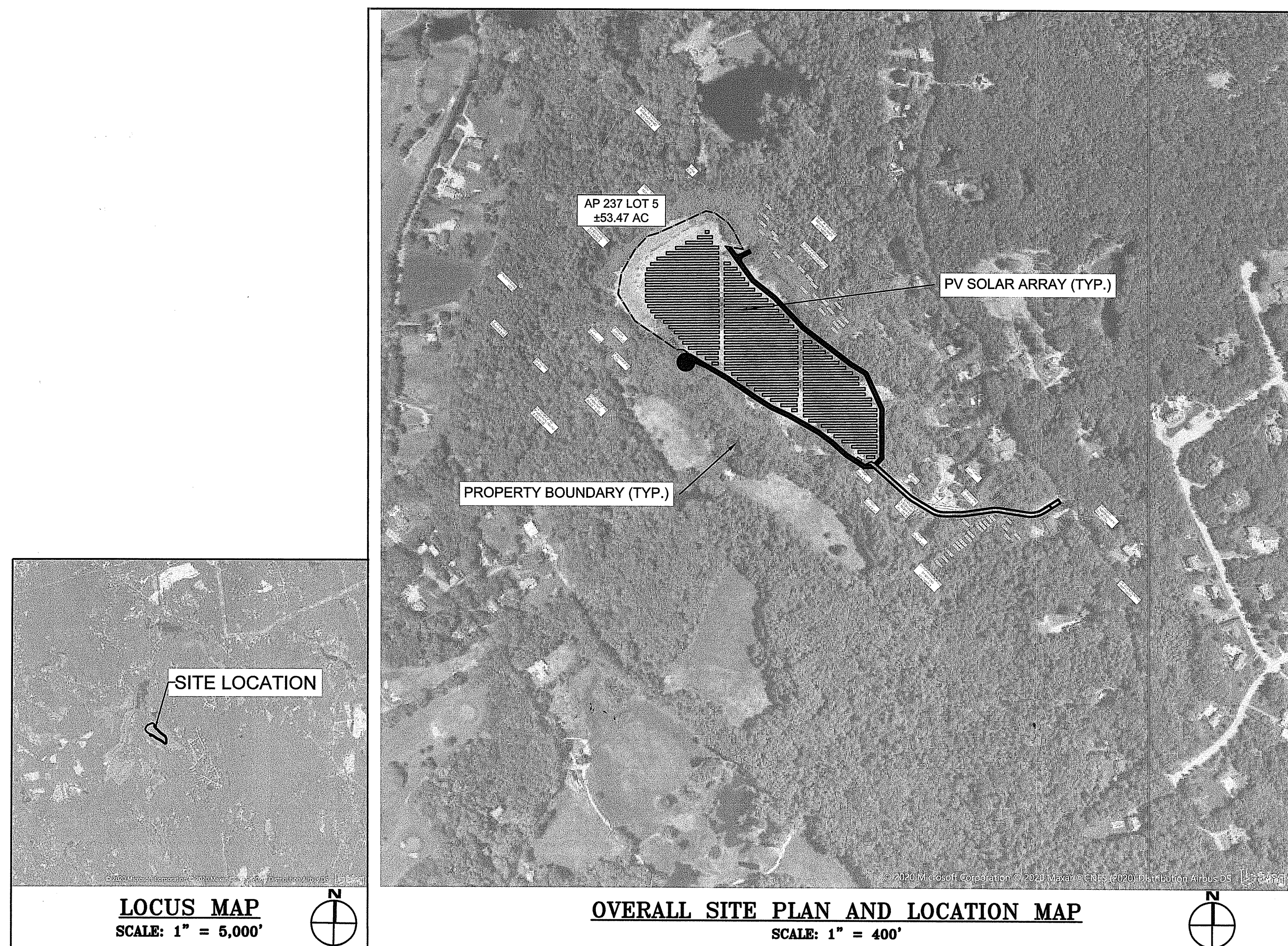
LOG ROAD
PLAT 237 LOT 5
BURRILLVILLE, RHODE ISLAND

ISSUED FOR PERMITTING

OWNER/APPLICANT:
DENNIS PIETTE
112 LINDLEY ROAD
DAYTONA BEACH, FL 32118

DEVELOPER:
LOG ROAD SOLAR, LLC.
48 WATERFIELD ROAD
P.O. BOX 808
WINCHESTER, MA 01890

LAST ISSUED: APRIL 13, 2021



PROPERTY OWNER(S)			
PLAT - LOT	PROPERTY ADDRESS	PROPERTY OWNER NAME	MAILING ADDRESS (PER ASSESSOR)
237-5	0 LOG ROAD	DENNIS PIETTE	112 LINDLEY ROAD, DAYTONA BEACH, FL 32118

INDEX TO SHEETS

C-001	COVER SHEET
C-002	LEGEND AND NOTES
V-101	EXISTING CONDITIONS
C-101	OVERALL SITE PLAN
C-102	GROUND COVER PLAN
C-103	OVERALL GRADING AND DRAINAGE
C-104	PROPOSED SLOPE PLAN
C-105	PROPOSED CUT AND FILL DIAGRAM
C-106	SITE PLAN - PANEL 1
C-107	SITE PLAN - PANEL 2
C-501	DETAILS 1

INDEX TO SUPPLEMENTAL SHEETS (BY OTHERS)
S1.1 SURVEY PLAN

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LATEST ISSUE
10/17

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 30 2021 FILE # 21-0023
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
W. Freeman

wood.

ENVIRONMENT & INFRASTRUCTURE
SOLUTIONS, INC.
275 PROMENADE ST, SUITE 100
PROVIDENCE, RI 02908
TELEPHONE: (401) 648-9240
WEB: WWW.WOODPLC.COM

[illegible]

PROJECT: SOLAR DEVELOPMENT LOG ROAD, BURRILLVILLE, RI	TITLE: COVER SHEET
--	---------------------------

CLIENT: LOG ROAD SOLAR, LLC.
48 WATERFIELD ROAD,
P.O. BOX 808,
WINCHESTER, MA 01890
ATTN: STEVE KERR

SEAL:

ANDREW P. VARDAKIS

STATE OF MISSISSIPPI

No.  12219

REGISTERED
PROFESSIONAL ENGINEER
(CIVIL)

04/13/2021	
DESIGNED BY: MPS	DRAWN BY: MPS
CHECKED BY: GAA	SCALE: AS NOTED
PROJECT NUMBER: 3652200285	
DRAWING NUMBER: C-001	
SHEET NUMBER: 1 OF 11	

	EXIST	PROP		EXIST	PROP
SPOT GRADE w/LEADER			SURVEYED PROPERTY LINE (PL)		
SPOT GRADE			ASSESSOR'S MAP PROP. LINE		
BORING LOCATION			BUILDING SETBACK		
TEST PIT LOCATION			50' PERIMETER WETLAND		
MONITORING WELL			100' RIVERBANK WETLAND		
BENCH MARK			WETLAND FLAG & BOUNDARY		
DRAIN MANHOLE			STREAM		
CATCH BASIN			WETLAND AREA		
DOUBLE CATCH BASIN			TREE LINE		
GUTTER INLET			CRUSHED STONE ROAD		
HEADWALL			EDGE OF PAVEMENT		
FLARED END SECTION			BITUMINOUS CURB		
DRAINAGE LINE			SOLAR PV ARRAY		
OVERHEAD WIRE			CONCRETE PAD		
WATER LINE			CRUSHED STONE		
FIRE PROTECTION LINE			EROSION CONTROL FABRIC		
GAS LINE			SAWCUT		
MEDIUM VOLT. UNDERGROUND ELEC.			MAINTCHLINE		
UNDERGROUND TELEPHONE			STEEL GUARD RAIL		
FIRE ALARM			CHAIN LINK FENCE		
WATER GATE			STONE WALL		
FIRE HYDRANT			BUILDING		
GAS GATE			SIGN		
ELECTRIC MANHOLE			SILT FENCE		
ELECTRIC BOX			STRAW WATTLE		
ELECTRIC METER			TREE CLEARING		
UTILITY POLE			LIMIT OF DISTURBANCE		
			MINOR CONTOUR		
			MAJOR CONTOUR		

ABANDON	ABAN	NOT IN CONTRACT	NIC
ADJUST	ADJ	NOT TO SCALE	NTS
AMERICAN SOCIETY FOR TESTING & MATERIALS	ASTM	ON CENTER	OC
APPROXIMATE	APPROX	POLYVINYLCHLORIDE PIPE	PVC
CONDUIT	COND	PRECAST CONCRETE CURB	PCC
DUCTILE IRON PIPE	DIP	PROPOSED	PROP
ELEVATION	ELEV	RADIUS	R
EXISTING	EX	REINFORCED CONCRETE PIPE	RCP
FRAME AND COVER	F&C	REMOVE	REM
FRAME AND GRATE	F&G	REMOVE AND DISPOSE	R&D
HIGH DENSITY POLYETHYLENE PIPE	HDPE	REMOVE AND RESET	R&R
HYDRANT	HYD	TYPICAL	TYP
INVERT ELEVATION	INV	UTILITY POLE	UP
LANDSCAPE AREA	LA	WATER GATE	WG
MAXIMUM	MAX		
MINIMUM	MIN		

1. THESE PLANS AND THEIR CORRESPONDING ELECTRONIC DOCUMENTS, INCLUDING CAD FILES FOR THE PROJECT, ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND SHALL NOT BE USED IN WHOLE OR IN PART FOR ANY OTHER PURPOSE THAN THE DEVELOPMENT OF THIS PROJECT WITHOUT THE EXPRESSED WRITTEN CONSENT OF WOOD. ANY UNAUTHORIZED USE, REUSE, ALTERATION, OR MODIFICATION OF THIS DATA SHALL BE AT THE USER'S RISK WITH NO LIABILITY ON THE PART OF WOOD.
2. UPON AWARD OF THE CONTRACT AND PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND BONDS AND PAYING ALL STATE AND LOCAL FEES RELATING TO THE WORK SHOWN ON THESE DRAWINGS, THE CONSTRUCTION SPECIFICATIONS, AND CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL NOTIFY DIG-SAFE AT LEAST 72 BUSINESS HOURS PRIOR TO INITIATING ANY EXCAVATION WORK.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. WHERE SITE SPECIFICATIONS ARE NOT PROVIDED, THE CONTRACTOR SHALL FOLLOW THE TOWN OF BURRILLVILLE STANDARDS OR THE "RHODE ISLAND DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, AS APPLICABLE. WHERE A DISCREPANCY EXISTS, THE MORE RESTRICTIVE STANDARD SHALL APPLY.
5. REFERENCE MADE TO "STATE HIGHWAY STANDARDS," "STATE STANDARD SPECIFICATIONS," "STANDARD SPECIFICATIONS," OR "RIDOT STANDARDS" SHALL MEAN AND BE DEFINED AS THE "RHODE ISLAND DEPARTMENT OF TRANSPORTATION - STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION."
6. ANY WORK NOT MEETING THE APPROVED STANDARDS SHALL BE REMOVED IMMEDIATELY AND REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE SECURITY AND JOB SAFETY AND SHALL CONFORM TO THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING ANY REQUIRED POLICE PROTECTION. ANY REQUIRED TEMPORARY CONSTRUCTION SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD).
9. THE CONTRACTOR SHALL NOT OBSTRUCT PUBLIC ROADWAYS, SIDEWALKS, OR FIRE HYDRANTS WITHOUT FIRST OBTAINING THE NECESSARY PERMITS TO DO SO.
10. THE LIMITS-OF-WORK (A.K.A. "LIMIT OF DISTURBANCE") SHALL BE AS SHOWN ON THESE PLANS. AREAS DISTURBED BEYOND THESE DEFINED LIMITS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE. LAWNSEED AREAS SHALL BE RESTORED WITH 4 INCHES OF LOAM AND SEED.
11. SHOULD THE CONTRACTOR ENCOUNTER SUSPECTED CONTAMINATED SOIL, GROUNDWATER, OR OTHER MATERIAL DURING EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE SUSPECTED AREA AND NOTIFY THE OWNER SO THAT APPROPRIATE ACTIONS AND TESTING CAN TAKE PLACE.
12. UNLESS OTHERWISE NOTED ON THE PLANS, ALL DISTURBED AREAS SHALL RECEIVE 4 INCHES OF LOAM AND SEED WITHIN THE LIMITS OF WORK SHOWN ON THESE PLANS. LOAM SHALL BE EVENLY SPREAD, SMOOTHED, AND COMPACTED PRIOR TO SEEDING.
13. EXISTING CONDITIONS, INCLUDING HORIZONTAL AND VERTICAL DATUMS, ARE FROM THE FOLLOWING SOURCES:
 - 13.A. VERTICAL DATUM FOR THE PROJECT IS REFERENCED TO NAVD 1988. ELEVATIONS SHOWN ON THE PLANS ARE FROM A SURVEY PERFORMED BY NYBERG ASSOCIATES DATED JUNE 2017.
 - 13.B. HORIZONTAL DATUM FOR THE PROJECT IS REFERENCED TO JOBS, EXISTING TREELINES, PROPERTY LINES, LIMITS OF PAVEMENT, AND FEMA FLOOD LINES ARE FROM RECORD RIGIS DATA, FEMA DATA, AND SITE SURVEY BY NYBERG ASSOCIATES DATED JUNE 2017
 - 13.C. WETLAND FLAGGING CONDUCTED BY ECOSYSTEM SOLUTIONS, INC. IN JANUARY 2007, LOCATIONS OBTAINED DURING SITE SURVEY.

1. EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION BASED ON BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE LOCATION, SIZE, MATERIAL(S), AND ELEVATION OF ALL EXISTING UTILITIES WITHIN THE LIMIT OF WORK PRIOR TO ORDERING OR INSTALLING MATERIALS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR UTILITY CONFLICTS PRIOR TO CONSTRUCTION.
2. WHERE AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK, OR WHERE EXISTING CONDITIONS DIFFER FROM THE INFORMATION SHOWN ON THESE PLANS, THE CONTRACTOR SHALL BE REQUIRED TO COMPLETE AS INTENDED, THE CONTRACTOR SHALL IMMEDIATELY IDENTIFY AND PROVIDE THE ENGINEER WITH THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY IN CONFLICT. THE CONTRACTOR SHALL NOT CONTINUE WORK IN THIS AREA UNTIL THE APPROPRIATE REMEDIAL ACTION IS AGREED UPON BY SUCH OWNER AND ENGINEER.
3. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO OVERHEAD AND/OR UNDERGROUND UTILITIES, WHETHER OR NOT SHOWN ON THESE PLANS THROUGHOUT WORK ON THIS PROJECT.

1. THE CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
2. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THE ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
3. DIMENSIONS ARE TO/FROM EDGE OF ROAD, EDGE OF PANEL UNLESS OTHERWISE NOTED ON THESE PLANS.
4. PROPOSED BOUNDS AND ANY OTHER EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY BITUMINOUS PATCH FOR ANY TRENCH WORK WITHIN PAVEMENT OR SIDEWALK AREAS IN PUBLIC RIGHTS-OF-WAY UNTIL PERMANENT PATCHING IS INSTALLED.

1. WITHIN THE LIMIT OF WORK/DISTURBANCE, THE CONTRACTOR SHALL CLEAR AND GRUB ALL EXISTING VEGETATION AND STOCKPILE AND SCREEN TOPSOIL FOR RE-USE IN LANDSCAPE AREAS. THE CONTRACTOR SHALL ALSO REMOVE AND DISPOSE OF ALL EXISTING MANMADE FEATURES, INCLUDING BUT NOT LIMITED TO BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, WALLS, FENCES, UTILITIES (BOTH OVERHEAD AND UNDERGROUND), SIGNS, ETC., EXCEPT AS OTHERWISE NOTED ON THESE PLANS.
2. THE CONTRACTOR SHALL DISPOSE OF ALL MATERIALS OFF-SITE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.
3. THE EXTENT OF DEMOLITION DEPICTED ON THESE PLANS IS INTENDED TO AID THE CONTRACTOR IN BIDDING THE PROJECT AND IS NOT NECESSARILY INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE FULL EXTENTS OF THE DEMOLITION WORK PRIOR TO CONTRACT AWARD AND SHALL NOT BE COMPENSATED FOR UNFORESEEN CONDITIONS ONCE THE WORK HAS COMMENCED.
4. EXISTING UTILITIES SHALL BE TERMINATED IN CONFORMANCE WITH APPLICABLE FEDERAL, STATE, LOCAL, AND SERVICE PROVIDER REQUIREMENTS.
5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THESE PLANS, THE ENGINEER HAS NOT PREPARED PLANS FOR THE DISCOVERY, REMOVAL, ABATEMENT, OR DISPOSAL OF ANY HAZARDOUS OR TOXIC MATERIALS FOUND DURING CONSTRUCTION.

1. TOTAL SITE AREA = 53.47± ACRES
2. TOTAL AREA OF DISTURBANCE = 16.1± ACRES
3. NATURAL HERITAGE AREA (NHA) IMPACT – NO
4. THREATENED SPECIES OR HABITAT IMPACT – NO
5. WATERSHED = THROUGH WETLANDS AND STREAMS TO NICHOLS POND;
WBID: R00001002L-13 (NO LISTED IMPAIRMENTS)
WATER QUALITY CLASSIFICATION: B
6. ZONING DISTRICT: F5
7. HISTORIC DISTRICT: N/A
8. ROUTE 102 DEVELOPMENT MANAGEMENT DISTRICT: N/A
9. COMMUNITY & NON-COMMUNITY WELLHEAD PROTECTION AREAS: N/A

1. PRIOR TO THE START OF CONSTRUCTION OF ANY EARTHWORK ACTIVITIES, THE CONTRACTOR SHALL NOTIFY ALL APPLICABLE AGENCIES AND INSTALL THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL PERMITS PERTAINING TO THIS PROJECT.
2. THE CONTRACTOR SHALL KEEP A COPY OF THE APPROVED PLAN SET AT THE CONSTRUCTION SITE AT ALL TIMES.
3. THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENTATION (E&S) CONTROL MEASURES SHOWN ON THE PLAN SET IN ACCORDANCE WITH THE MOST RECENT EDITION OF THE "RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK."
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND/OR UPGRADE THESE MEASURES, AS NECESSARY, THROUGHOUT CONSTRUCTION, TO MEET THE REQUIREMENTS OF ALL RELATED PERMITS FOR THE PROJECT.
5. EROSION CONTROL DEVICES
 - a. AT LEAST ONE STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED FOR ACCESS TO THE PROJECT BY CONSTRUCTION VEHICLES. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED BEFORE CONSTRUCTION VEHICLES WILL BE ALLOWED TO ENTER THE CONSTRUCTION SITE. ADDITIONAL ENTRANCES/EXITS SHALL BE INSTALLED, IF MORE THAN ONE ACCESS POINT IS ANTICIPATED BY THE CONTRACTOR. A WASH OUT PAD MAY ALSO BE INSTALLED TO WASH CONSTRUCTION VEHICLES EXITING THE SITE.
 - b. ROADS ADJACENT TO THE CONSTRUCTION SITE SHALL BE CLEAN AT THE END OF EACH WORK DAY.
 - c. SILT FENCE SHALL BE INSTALLED AROUND ALL EARTH STOCKPILES. STOCKPILES SHALL BE STABILIZED WITH TEMPORARY SEED ACCORDING TO NOTE 11 BELOW. IF TEMPORARY SEED IS NOT FEASIBLE OR NOT PRACTICAL, STOCKPILE SHALL BE COVERED WITH POLYETHYLENE SHEETING OR SIMILAR PRODUCT AT THE END OF EACH DAY TO MINIMIZE DUST.
 - d. ALL OTHER EROSION CONTROL DEVICES SHOWN ON THESE PLANS SHALL BE IN ACCORDANCE WITH "RHODE ISLAND STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL" AND THE "RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL HANDBOOK."
6. THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS ARE INTENDED TO BE THE MINIMUM NECESSARY AT THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND SUPPLEMENT THESE EROSION CONTROL MEASURES, AS NECESSARY, THROUGHOUT CONSTRUCTION, TO PREVENT DAMAGE TO WETLANDS AND/OR SURROUNDING PROPERTIES.
7. THE CONTRACTOR SHALL PREVENT DUST, DEBRIS, OR SEDIMENTS FROM LEAVING THE SITE DURING CONSTRUCTION AND SHALL BE RESPONSIBLE TO REPAIR, CLEAN UP, OR TAKE OTHER CORRECTIVE ACTION IMMEDIATELY OR NO LATER THAN 24 HOURS AFTER ANY ISSUE ARISES.
8. THE CONTRACTOR SHALL CONTROL CONSTRUCTION STORMWATER RUNOFF IN SUCH A MANNER AS TO PREVENT DAMAGE TO DOWN-GRADIENT PROPERTIES; ANY PROPERTIES SO DAMAGED SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
9. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND WITHIN 12 HOURS AFTER A RAINFALL EVENT. THE CONTRACTOR SHALL IMMEDIATELY REPAIR DAMAGE TO DEVICES. THE CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENTS IN ACCORDANCE WITH LOCAL REQUIREMENTS AND THE RIDGES PERMIT, WHEN APPLICABLE. ACCUMULATED SEDIMENTS SHALL BE REMOVED FROM THE SITE OR PLACED AWAY FROM WETLANDS AND CLOSED DRAINAGE SYSTEMS.
10. EXPOSED SOILS INTENDED TO REMAIN FOR MORE THAN 14 DAYS SHALL BE STABILIZED WITH MULCH, OR TEMPORARY SEED AND WATERED TO ENCOURAGE VEGETATION.
11. THE CONTRACTOR SHALL INSTALL PERMANENT SEEDING BETWEEN APRIL 15TH AND JUNE 15TH AND/OR AUGUST 15TH TO OCTOBER 15TH.
12. THE CONTRACTOR SHALL APPLY PERMANENT SOIL STABILIZATION MEASURES TO ALL GRADED AREAS WITHIN SEVEN (7) DAYS OF ESTABLISHING FINAL GRADE.
13. THE CONTRACTOR SHALL PERFORM A FINAL INSPECTION OF ALL EXISTING CATCH BASINS, DRAINAGE PIPING, AND ASSOCIATED DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS TO ENSURE THAT ALL SEDIMENTS HAVE BEEN REMOVED BEFORE WORK IS DEEMED COMPLETE.
14. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL E&S MEASURES ONLY AFTER FINAL PAVEMENT IS PLACED AND VEGETATION IN LANDSCAPE AREAS IS WELL ESTABLISHED.

Environmental Management
APR 14 2021
Office of Water Resources

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 30 2021 FILE # 21-0023
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT COMMISSIONER'S SIGNATURE
Nancy L. Freeman

**ENVIRONMENT & INFRASTRUCTURE
SOLUTIONS, INC.**
275 PROMENADE ST, SUITE 100
PROVIDENCE, RI 02908
TELEPHONE: (401) 648-9240
WEB: WWW.WOODPLC.COM

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	REVISION

**SOLAR DEVELOPMENT
LOG ROAD,
BIRBILVILLE, RI**

LEGEND AND NOTES

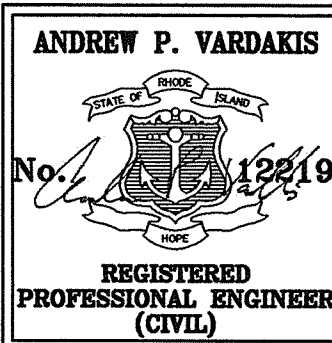
PROJECT:

CLIENT: LOG ROAD SOLAR, LLC.
48 WATERFIELD ROAD.

WINCHESTER, MA 01890

ATTN: STEVE KERR

SE



04/13/2021

DESIGNED BY: MPS	DRAWN BY: MPS
CHECKED BY: GAA	SCALE: NO SCALE

PROJECT NUMBER:
3652200285

DRAWING NUMBER

C-002

SHEET NUMBER

2 OF 11

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SOLAR DEVELOPMENT
LOG ROAD
BURRILLVILLE

OVERALL SITE

PROJECT	TITLE:
AR, LLC. ROAD, 8, A 01890 KERR	

CLIENT:
LOG ROAD SC
48 WATERFIE
P.O. BOX
WINCHESTER,
ATTN: STEV

ANDREW P. VARDAKIS

STATE OF MAINE
No. *12219*
REGISTERED
PROFESSIONAL ENGINEER
(CIVIL)

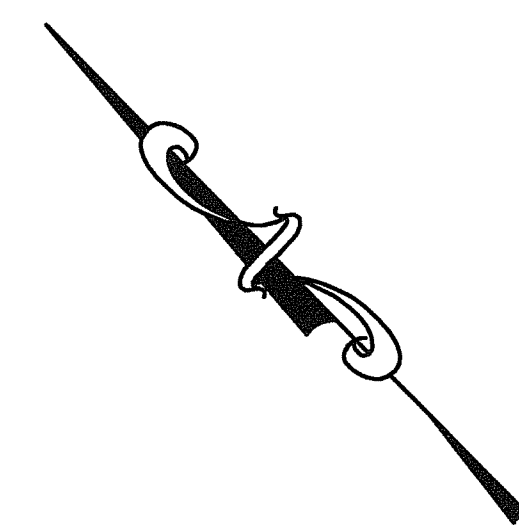
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PROJECT NUMBER: 3652200285	
DRAWING NUMBER: C-101	
SHEET NUMBER:	

4 OF 15

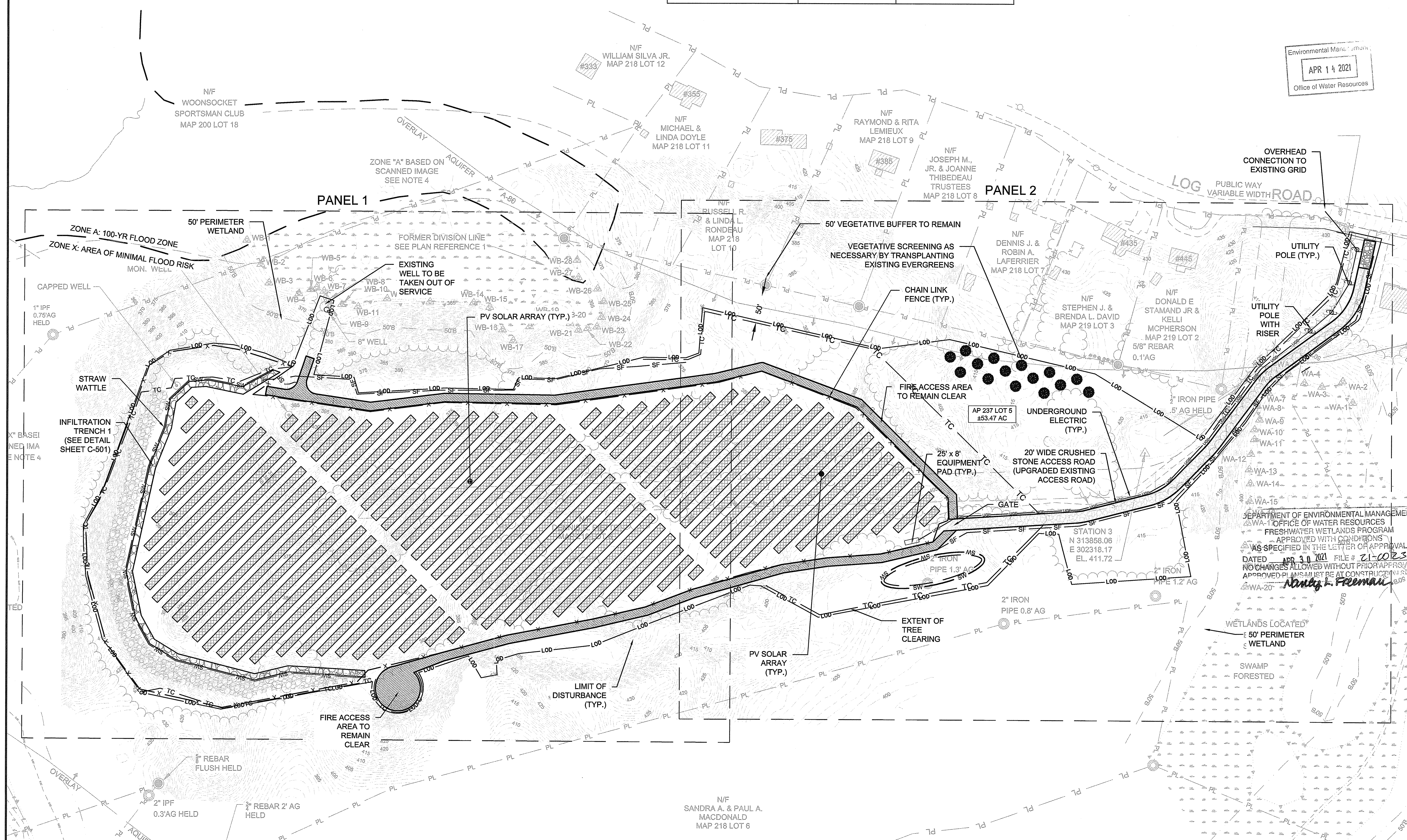
NOTES:

1. WITHIN AREAS OF COMPACTION BY CONSTRUCTION EQUIPMENT (IDENTIFIED AS LOCATIONS OF STANDING WATER WITHIN 2 HOURS OF RAINFALL EVENT OR AS DIRECTED BY THE ENGINEER), INFILTRATION CAPACITY OF SAND/GRAVEL SOILS MUST BE RESTORED BY TILLING OR SCARIFICATION OF THE TOP 6-INCHES OF SURFACE PRIOR TO COMPLETION OF CONSTRUCTION.

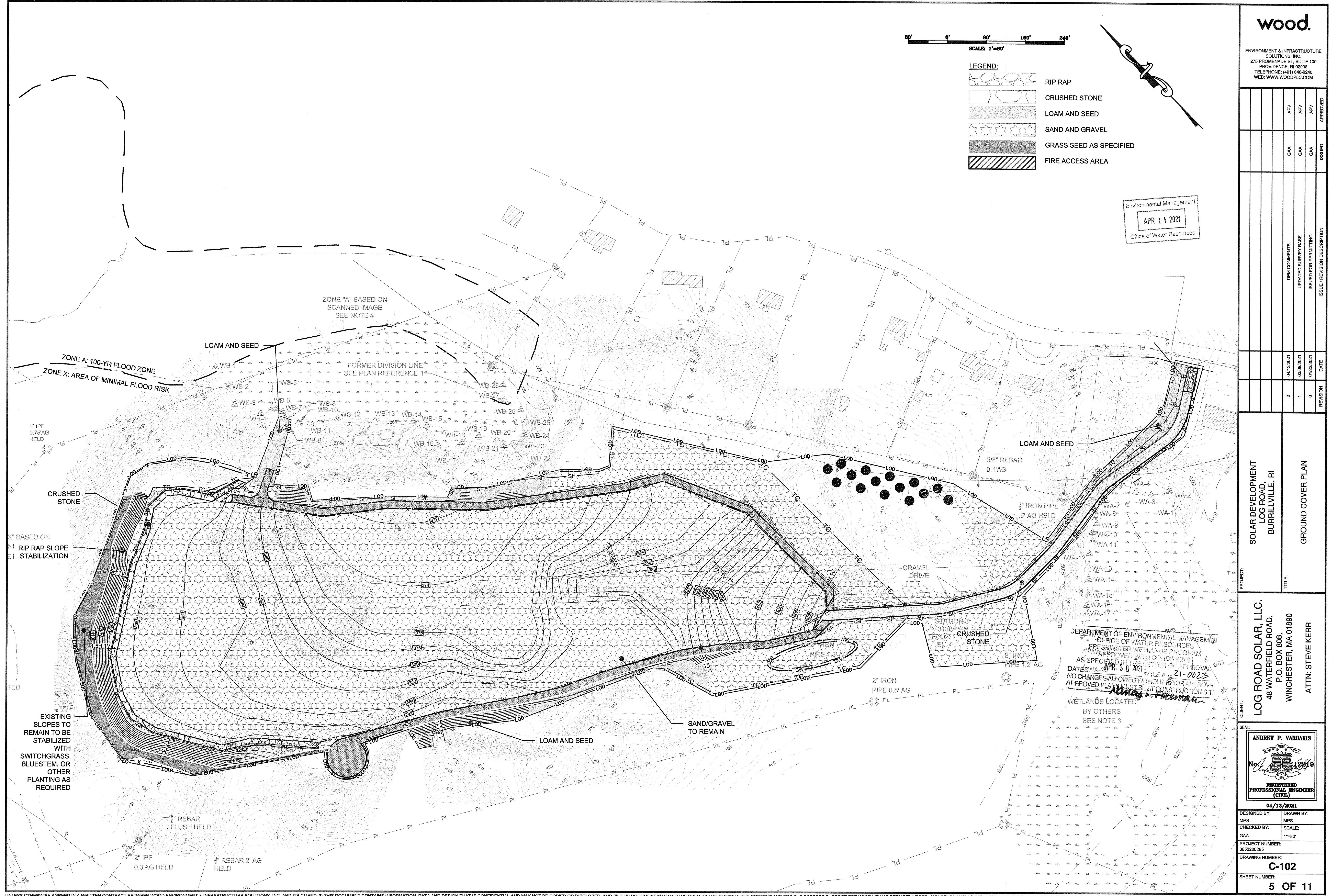
ZONING CHART ZONE: F-5 FARMING/RESIDENTIAL DISTRICT		
	F-5 REQUIRED	F-5 PROVIDED
		(PLAT 237, LOT 5)
MIN. LOT AREA (AC)	5	53.47'±
MIN. LOT FRONTAGE (FT)	450	258.03'±
MIN. LOT WIDTH (FT)	None	1070'±
MAX BUILDING COVERAGE (%)	20	0.00±
MAX. BUILDING HEIGHT (FT)	50	-
MIN. SETBACK REQUIREMENTS		
FRONT SETBACK(FT)	60	670'±
SIDE SETBACK (FT)	15	160'±
REAR SETBACK (FT)	40	600'±



Environmental Management
APR 14 2021
Office of Water Resources



UNLESS OTHERWISE AGREED IN A WRITTEN CONTRACT BETWEEN WOOD ENVIRONMENT & INFRASTRUCTURE SOLUTIONS, INC. AND ITS CLIENT: (I) THIS DOCUMENT CONTAINS INFORMATION, DATA AND DESIGN THAT IS CONFIDENTIAL AND MAY NOT BE COPIED OR DISCLOSED; AND (II) THIS DOCUMENT MAY ONLY BE USED BY THE CLIENT IN THE CONTEXT AND FOR THE EXPRESS PURPOSE FOR WHICH IT HAS BEEN DELIVERED. ANY OTHER USE OR RELIANCE ON THIS DOCUMENT BY ANY THIRD PARTY IS AT THAT PARTY'S SOLE RISK AND RESPONSIBILITY.



wood.

ENVIRONMENT & INFRASTRUCTURE
SOLUTIONS, INC.
275 PROMENADE ST, SUITE 100
PROVIDENCE, RI 02908
TELEPHONE: (401) 646-9240
WEB: WWW.WOODPLC.COM

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APV
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ISSUED
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ISSUE / REVISION DESCRIPTION

DATE

REVISION

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04/13/2021

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REVISION

DATE

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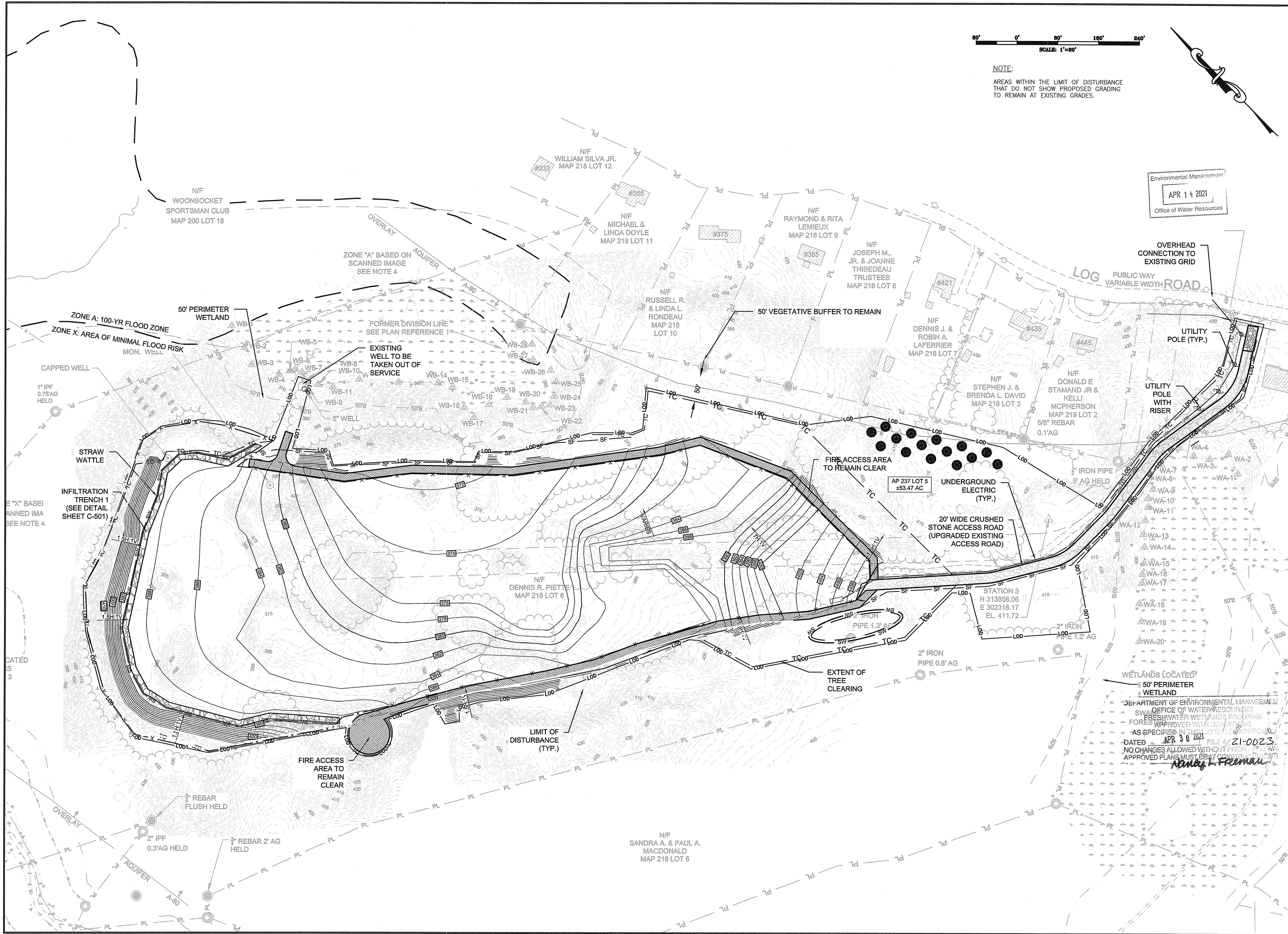
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NOTE:

AREAS WITHIN THE LIMIT OF DISTURBANCE
THAT DO NOT SHOW PROPOSED GRADING
TO REMAIN AT EXISTING GRADES.

Environmental Management
APR 14 2021
Office of Water Resources

wood.

ENVIRONMENT & INFRASTRUCTURE
SOLUTIONS, INC.
275 PROMENADE ST, SUITE 100
PROVIDENCE, RI 02908
TELEPHONE: (401) 646-8240
WEB: WWW.WOODPLC.COM

REVISION	DATE	ISSUE / REVISION DESCRIPTION
2	04/13/2021	DEVELOPMENT COMMENTS
1	03/09/2021	UPDATED SURVEY BASE
0	01/22/2021	ISSUED FOR PERMITTING

CLIENT:	SOLAR DEVELOPMENT
PROJECT:	LOG ROAD, BURRILLVILLE, RI
TITLE:	OVERALL GRADING AND DRAINAGE

LOG ROAD SOLAR, LLC.
48 WATERFIELD ROAD,
P.O. BOX 808,
WINCHESTER, MA 01890
ATTN: STEVE KERR

SEAL:
ANDREW P. VARDAKIS
REGISTERED PROFESSIONAL ENGINEER
(CIVIL)
04/13/2021

DESIGNED BY: MP
CHECKED BY: MP
SCALE: 1"=80'
PROJECT NUMBER: 365200285
DRAWING NUMBER: C-103
SHEET NUMBER: 6 OF 11



Slopes Table				
Number	Minimum Slope	Maximum Slope	Area	Color
1	0.07%	5.00%	386658.26	
2	5.00%	10.00%	158645.16	
3	10.00%	15.00%	58889.37	
4	15.00%	70.00%	70675.62	

80' 0' 80' 160' 240'
SCALE: 1"=80'

wood.

ENVIRONMENT & INFRASTRUCTURE
SOLUTIONS, INC.
275 PROMENADE ST, SUITE 100
PROVIDENCE, RI 02908
TELEPHONE: (401) 646-9240
WEB: WWW.WOODPLC.COM

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SOLAR DEVELOPMENT
LOG ROAD,
BURRILLVILLE, RI

PROPOSED SLOPE PLAN

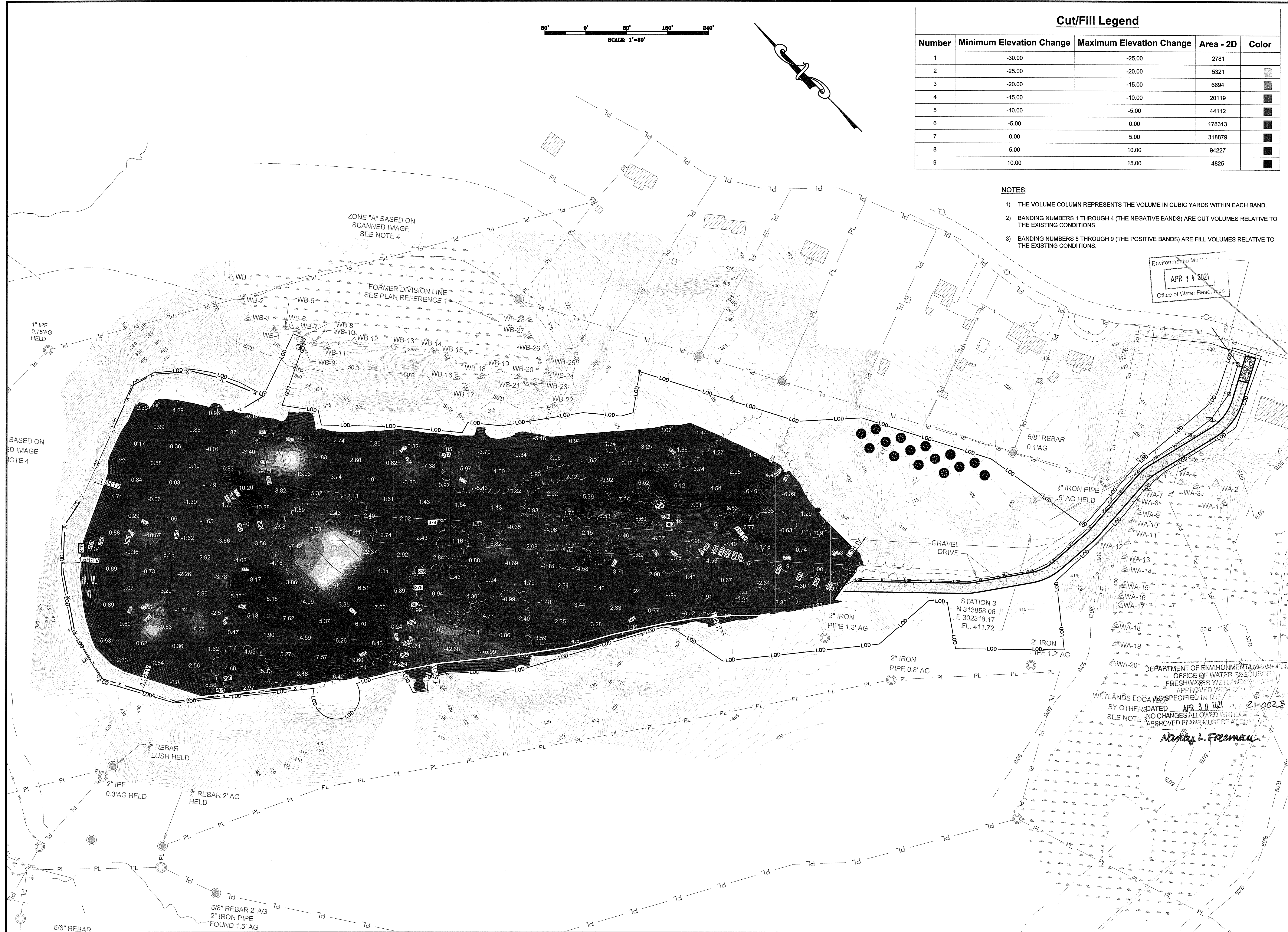
LOG ROAD SOLAR, LLC.
48 WATERFIELD ROAD,
P.O. BOX 808,
WINCHESTER, MA 01890
ATTN: STEVE KERR

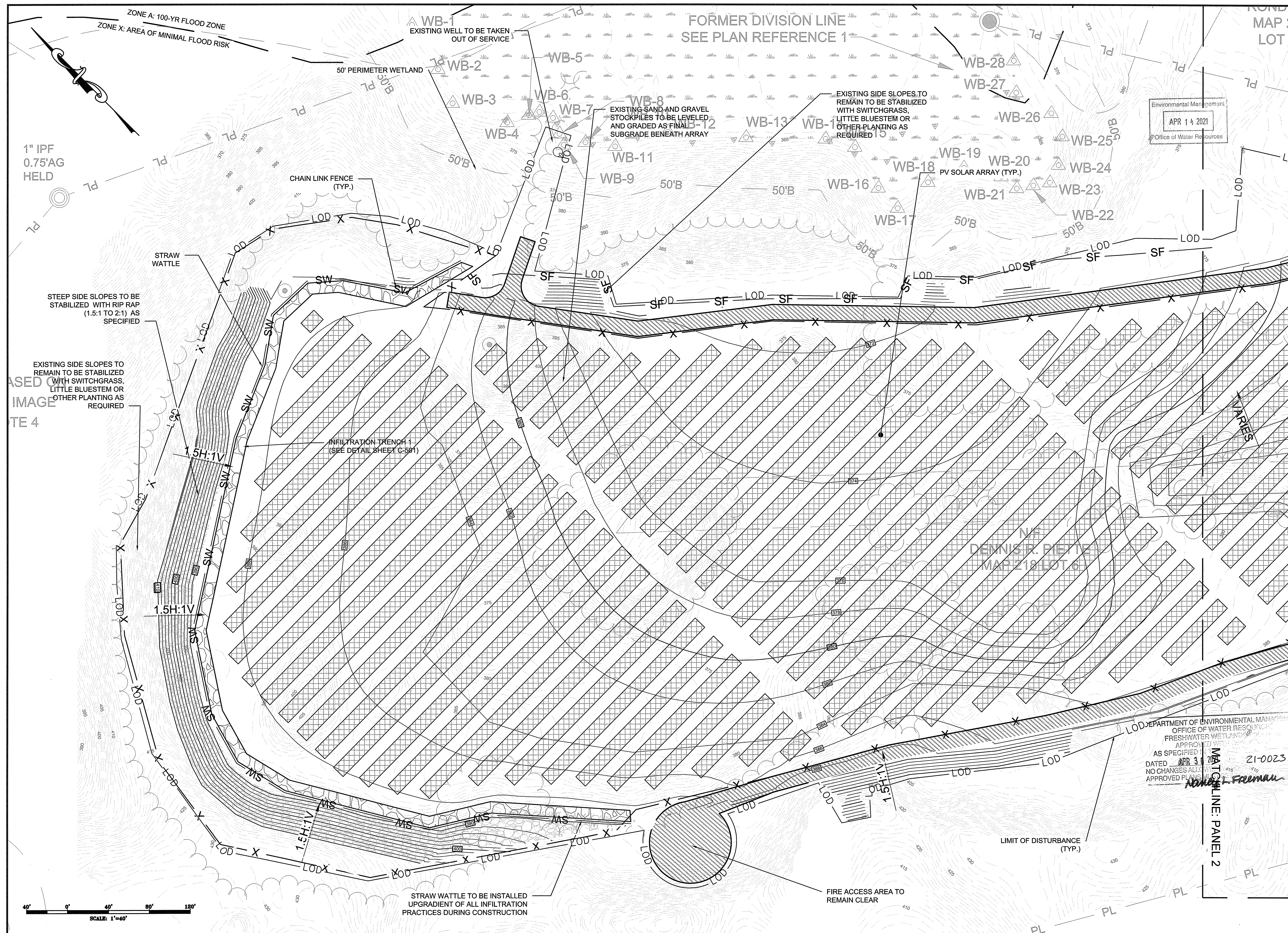
ANDREW P. VARDAKIS
REGISTERED
PROFESSIONAL ENGINEER
(CIVIL)

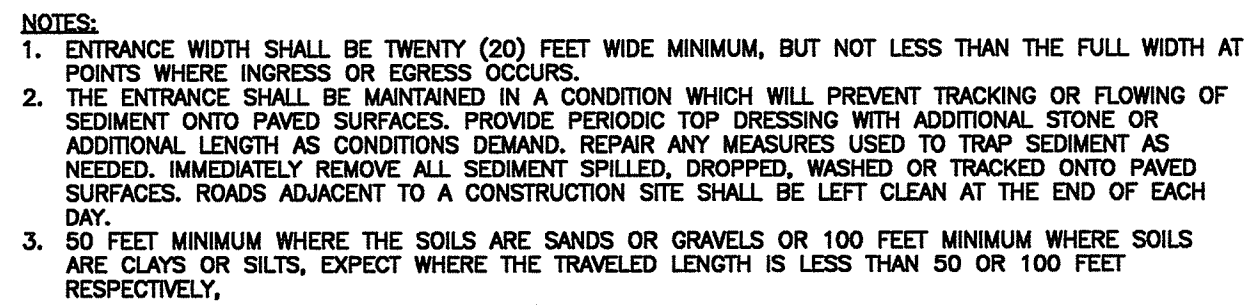
DESIGNED BY:
MPS
CHECKED BY:
SCALE:
GAA
1"=80'

PROJECT NUMBER:
3652200285
DRAWING NUMBER:
C-104

SHEET NUMBER:
7 OF 11

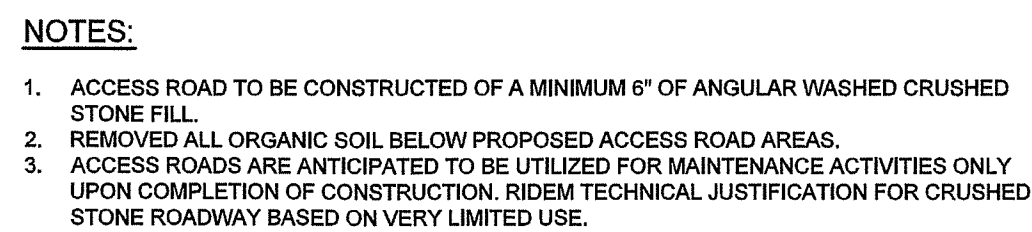
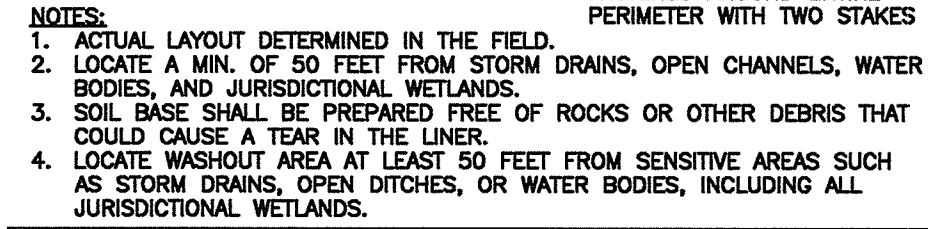




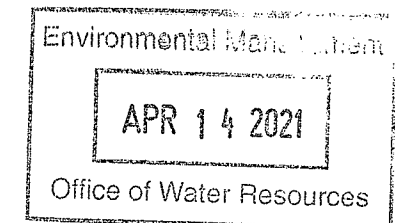


A cross-sectional diagram of a wattle installation. A central circular area is labeled "12\" 6 MIN. WHEAT OR RICE STRAW-FILLED TUBE OF FLEXIBLE, BIOERODIBLE JUTE MESH". A vertical line passes through the center, labeled "DRIVE STAKE UNTIL 2-3\" REMAINS EXPOSED INSTALL STAKE PERPENDICULAR TO SLOPE FACE". To the left, a sloped area is labeled "COMPACT EXCAVATED SOIL ON UP-SLOPE SIDE". Below the slope, a horizontal area is labeled "PROJECT LOCATION". The wattle is installed in a "2-3\" DEEP TRENCH", with the label "SET WATTLE IN A 2-3\" DEEP TRENCH" pointing to the trench. The area to the right of the wattle is labeled "UNDISTURBED AREA". At the bottom, a label "INSTALL WITH 24\" 1\"X1\" WOOD STAKES" points to the base of the vertical stake.

- NOTES:**
1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2'-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHALL 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 AROUND THE ANCHOR TRENCH AGAINST THE WATTLE ON THE UP-HILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
 3. SECURE THE WATTLE WITH 24" STAKES EVERY 3'-4" WITH A STAKE ON EACH END. STAKES SHALL BE DRIVEN THROUGH THE MIDDLE OF EACH WATTLE LEAVING AT LEAST 1" OF STAKE EXTENDING ABOVE EACH WATTLE. STAKES SHALL BE DRIVEN PERPENDICULAR TO SLOPE FACE.
 4. MAX. DRAINAGE AREA ≤ 0.25 ACRES/100 LINEAR FEET.

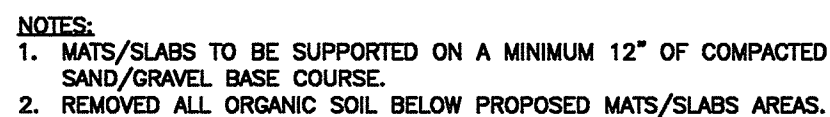
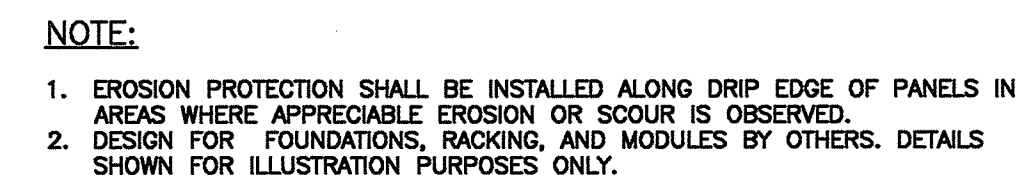


NT



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED APR 30 2021 FILE # 21-0023
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED BY SIGNATURE AT CONSTRUCTION
Nancy L. Freeman

NTS



NTS

NTS

NTB



DETAILS 1

ATTN: STEVE KERR

04/13/2021	
DESIGNED BY: MPS	DRAWN BY: MPS
CHECKED BY: GAA	SCALE:
PROJECT NUMBER: 852200285	
DRAWING NUMBER: C-501	
SHEET NUMBER: 11 OF 11	

A diagram of a magnetic compass rose. It consists of a circle with a vertical line passing through its center. The line extends beyond the top and bottom of the circle. The top half of the line is labeled "MAGNETIC NORTH". The bottom half of the line is labeled "MAGNETIC SOUTH". The line is divided into four equal segments by the circle's center. The segments are labeled as follows: the top segment is "MAGNETIC NORTH", the bottom segment is "MAGNETIC SOUTH", the left segment is "EAST", and the right segment is "WEST".

DETAIL
NOT TO SCALE
2" IP(fnd)
0.3' 9.6' 18.72'
438.56'

DETAIL
NOT TO SCALE

IP(m)

0.32

90°

11.15

492.00

DETAIL
NOT TO
SCALE

AP 218 LOT 3
N/F LORRAINE P. PENNINGTON

Environmental Management
APR 14 2021
Office of Water Resources

AP 218 LOT 4
N/F ROBERT PIETTE

AP 218 LOT 5
N/F SCOTT R. & NICOLE L. GAULIN

WATER ELEVATION:
352.1 (APPROX)

WATER ELEVATION: 358.3±

Marc N. Nyberg
MARC N. NYBERG / PROFESSIONAL LAND SURVEYOR

MARC N. NYBERG

No. 1797

PROFESSIONAL
LAND SURVEYOR

Marc N.  Nyberg Associates, Inc.

501 Great Road
Unit 104
North Smithfield, RI 02896

LOG ROAD
BURRILLVILLE, RHODE ISLAND

DATE: JUNE, 2017

SCALE: 1" = 100'

GRAPHIC SCALE

SCALE

10 20

No.	DESCRIPTION	DATE

SHEET NUMBER

1 of 1

JOB NUMBER

04-055

LEGEND

Diagram illustrating the proposed and existing contours and treeline:

- PROPOSED CONTOUR 10'** (Solid line)
- PROPOSED CONTOUR 2'** (Solid line)
- EXISTING CONTOUR 10'** (Dashed line)
- EXISTING CONTOUR 2'** (Dashed line)
- TREELINE** (Wavy line)

N/F
NORTH SMITHFIELD
AP 14 LOT 164
DAVID K. & MARY-ELLEN HURD

REBAR FOUND / PROF COR
0.52' 1.12'
LOG RD.
DETAIL
NOT TO SCALE

DETAIL
NOT TO SCALE

2.39

PROP. COR.

REBAR (fnd) BENT

LOG RD.

DETAIL

NOT TO SCALE