HOLLISTON SAND

LAND DEVELOPMENT PLAN

NORTH SMITHFIELD, RHODE ISLAND

JULY 20, 2020

PREPARED FOR:

HOLLISTON SAND CO., INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

PREPARED BY:

ANDREWS SURVEY & ENGINEERING, INC.
104 MENDON STREET
UXBRIDGE, MA 01569
P: 508.278.3897
F: 508.278.2289

LOCUS MAP
SCALE: 1" = 2,000'

DRAWING DATE	LAST REVISION	SHEET NO.	SHEET TITLE
07/20/20		C1	COVER SHEET
07/20/20		C2	OVERALL SITE PLAN
07/20/20		C3	EXISTING CONDITIONS PLAN & SOILS MAP
07/20/20		C4	SITE PLAN
07/20/20		C5	CONSTRUCTION DETAILS
05/08/19		F1	ARCHITECTURAL PLAN (BY OTHERS)
07/20/20		D1	WATERSHED MAP: EXISTING CONDITIONS
07/20/20		D2	WATERSHED MAP: DEVELOPED CONDITIONS

ALL PLANS AND CERTIFCATIONS CONFORM TO A MINIMUM CLASS IV STANDARD OF THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS, BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND BOARD OF REGISTRATION OF LAND SURVEYORS. THE STANDARDS ON THIS PLAN ARE AS FOLLOWS:

PROPERTY BOUNDARIES:	CLASS I
PHYSICAL FEATURES AND TOPOGRAPHY:	CLASS III
PROPOSED FEATURES:	CLASS IV

HOLLAND E. SHAW
No. 11
PROFESSIONAL LAND SURVEYOR

ZONING TABLE		
RURAL ESTATE AGRICULTURE (REA)		
INTENSITY	REQUIRED	PROVIDED
MINIMUM LOT AREA	120, 000 SF	2,064,389 SF±
MINIMUM LOT FRONTAGE	300 FT	1,230 FT
MINIMUM FRONT SETBACK	40 FT	385.9 FT
MINIMUM SIDE SETBACK	25 FT	40FT
MINIMUM REAR SETBACK	40 FT	641.4 FT
MAXIMUM BUILDING HEIGHT	35 FT	– FT
MAXIMUM BUILDING COVERAGE	20%	1.4%±

OWNER OF RECORD:
HOLLISTON SAND CO, INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

NORTH SMITHFIELD ASSESSORS INFORMATION:
PLAT 4, LOTS 35, 42, 43, 45, 46, & 223
PLAT 7, LOT 64

DEED REFERENCES:
BK. 218, PG. 709 BK. 116, PG. 701
BK. 179, PG. 315 BK. 116, PG. 697
BK. 116, PG. 699 BK. 182, PG. 1018
BK. 854, PG. 265 BK. 884, PG. 461

PLAN REFERENCE:
PLAN OF SURVEY IN AND FOR THE TOWN OF NORTH SMITHFIELD, R.I., PREPARED BY RONALD M. ASH & ASSOCIATES, INC., DATED SEPTEMBER 1983.
P.B. 1, PL. 461

GOVERNMENT / UTILITY CONTACTS

NORTH SMITHFIELD POLICE DEPT.
575 SMITHFIELD ROAD
P: 401-762-1212
F: 401766-9412
ATTN: TIM LAFFERTY, CHIEF

NORTH SMITHFIELD FIRE DEPT.
1470 PROVIDENCE PIKE
P: 401-762-1135
P: 401-769-2788
ATTN: DAVID CHARTIER, CHIEF

NORTH SMITHFIELD PLANNING DEPARTMENT
83 GREEN STREET
P: 401-767-2200 (EXT. 336)
F: 401-766-0016
ATTN: TOM KRAVITZ, PLANNER

NORTH SMITHFIELD D.P.W.
575 SMITHFIELD ROAD
P: 401-767-2200 (EXT. 341) (ADMINISTRATION)
P: 401-767-2200 (EXT. 305) (WATER & SEWER DIVISION)
P: 401-767-2200 (EXT. 343) (HIGHWAY DIVISION)
ATTN: RAYMOND J. PENDERGAST, JR., DIRECTOR

NORTH SMITHFIELD BUILDING DEPT.
83 GREEN STREET
P: 401-767-2200 (EXT. 309)
ATTN: KERRY ANDERSON, BUILDING OFFICIAL

NATIONAL GRID, RHODE ISLAND
P: 800-322-3223

VERIZON COMMUNICATIONS
P: 800-870-9999

ASE
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289
500 East Washington Street
North Attleboro, Massachusetts 02760
P: 508-316-0452 F: 508-316-0963

APPROVAL UNDER LAND DEVELOPMENT PLAN REVIEW. NORTH SMITHFIELD PLANNING BOARD

BEING A MAJORITY DATE:

PROJECT:
HOLLISTON SAND
LAND DEVELOPMENT PLAN
OLD OXFORD ROAD
NORTH SMITHFIELD, RI

APPLICANT:
HOLLISTON SAND CO., INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE

SHEET TITLE
COVER SHEET

RICHARD P. DeFRANCESCO
No. 9025
REGISTERED PROFESSIONAL ENGINEER
P.E.

DES BY: JJS	DATE: 07/20/20	C1
CHK BY: BJA	PROJECT NO. 2020-005	

PLAN NO. L-6209

2020 © COPYRIGHT ANDREWS SURVEY & ENGINEERING, INC.

\\ANDREWS-SRS\STORAGE\CADD\MISCELLANEOUS\HOLLISTON SAND\HOLLISTON SAND STATE PLANE\DWG\2019-005 SITE PLAN 20-06-12.DWG 08-18-20 10:06:43 AM - LAYOUT COVER (SITE)

NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
2. DATUM: NAVD 88
3. TAXATION OF THE RENEWAL ENERGY PROJECT SHALL BE PURSUANT TO RI GENERAL LAWS §44-5-3(c) AND OFFICE OF ENERGY RESOURCES RULES AND REGULATIONS FOR COMMERCIAL RENEWABLE ENERGY SYSTEMS TANGIBLE TAX VALUE, RULE 6.0, EFFECTIVE JANUARY 1, 2017.
4. ADMINISTRATIVE SUBDIVISION APPROVED ON JUNE 25, 2020 AND RECORDED IN PLAN BOOK 1, PLAN 461.
5. ALL PLANS AND CERTIFCATIONS CONFORM TO A MINIMUM CLASS IV STANDARD OF THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS, BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND BOARD OF REGISTRATION OF LAND SURVEYORS. THE STANDARDS ON THIS PLAN ARE AS FOLLOWS:

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PROPOSED FEATURES:	CLASS IV

HOLLAND E. SHAW
No. 1911
PROFESSIONAL LAND SURVEYOR

PLAT 4, LOT 223
N/F
HOLLISTON SAND COMPANY INC.

S05°21'53"W
20.82'

S86°41'44"E 396.00'

N06°10'44"E
132.00'

S24°38'07"E 370.78'

N19°06'16"W
528.00'

SLATERSVILLE RESERVOIR

PROPOSED INTERCONNECTION

PROPOSED TELEPHONE POLES (TYP)

TO 20,000 GAL CISTERN

EXISTING GRAVEL ROAD (TYP)

EXISTING BUILDING

CISTERN

PLAT 4, LOT 45
N/F
HOLLISTON SAND COMPANY INC.

PLAT 4, LOTS 35, 42, 43, 45, 46, & 223
PLAT 7, LOT 64
HOLLISTON SAND COMPANY, INC.
2,064,389 S.F.±
47.39 ACRES±

EXISTING BUILDINGS

144.5'

S64°37'19"E 918.36'

BUILDING SETBACK LINE (TYP)

146.1'

PROPOSED BUILDING

EXISTING BUILDINGS

CISTERN

EXISTING GRAVEL ROAD (TYP)

PLAT 4, LOT 35
N/F
HOLLISTON SAND COMPANY INC.

N64°23'05"E
131.04'

S10°32'06"E
156.35'

S10°32'06"E
240.47'

PLAT 4, LOT 48-A
N/F
DUDLEY DEVELOPMENT CORP.

TIFFT ROAD

S71°59'57"W
81.80'

PLAT 4, LOT 49
N/F
MCS ENTERPRISES

S55°13'33"W
152.54'

S63°36'47"W
106.90'

S47°45'39"W
338.94'

S47°59'45"W
170.55'

S38°10'51"W
148.54'

S30°56'18"W
113.35'

S34°33'34"W
65.21'

PLAT 4, LOT 47
N/F
MCS ENTERPRISES, LLC

PROPOSED CHAIN LINK FENCE (TYP)

PROPOSED 10' WIDE ACCESS ROAD (TYP)

PROPOSED 12' WIDE ACCESS ROAD (TYP)

APPROX. LIMIT OF WORK

PROPOSED SOLAR PANELS

274.3'

254.3'

N55°10'44"E
185.00'

N12°35'44"E 282.75'

N39°16'50"W
115.50'

N34°04'16"W
181.50'

FLOOD ZONE AE LINE (TYP)
EL=25ft
PANEL # 44007C0151G

RI STATE PLANE

N40°10'49"E
396.00'

N64°23'05"E 607.27'

100' VISUAL BUFFER SETBACK LINE (TYP)

N00°05'01"W
166.23'

S86°55'08"W 1395.52'

AREA OF SOLAR ARRAY=231,259 S.F.±
AREA OF SOLAR ARRAY IS 10.33%± OF TOTAL LOT AREA

S86°23'56"W
31.66'

N06°02'46"W
20.88'

PLAT 7, LOT 64
N/F
TUSPANI WATER COMPANY, INC.

OLD OXFORD ROAD

PLAT 4, LOT 34-A
N/F
DUDLEY DEVELOPMENT CORP.

ASE
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289
500 East Washington Street
North Attleboro, Massachusetts 02760
P: 508-316-0452 F: 508-316-0963

APPROVAL UNDER LAND DEVELOPMENT PLAN REVIEW. NORTH SMITHFIELD PLANNING BOARD

BEING A MAJORITY DATE:

PROJECT: HOLLISTON SAND LAND DEVELOPMENT PLAN OLD OXFORD ROAD NORTH SMITHFIELD, RI

APPLICANT: HOLLISTON SAND CO., INC. P.O. BOX 1168 SLATERSVILLE, RI 02876

REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE
100 0 50 100 200
(IN FEET)
1 inch = 100 feet

SHEET TITLE

OVERALL SITE PLAN

MICHAEL P. DIFRANCESCO
No. 9635
REGISTERED PROFESSIONAL ENGINEER

DES BY: JJS	DATE: 07/20/20
CHK BY: BJA	PROJECT NO. 2020-005

C2

PLAN NO. L-6209

2020 © COPYRIGHT ANDREWS SURVEY & ENGINEERING, INC

\\ANDREWS-SBS\STORAGE\ACAD\MISCELLANEOUS\HOLLISTON SAND\HOLLISTON SAND STATE PLANE\DWG\2019-035 SITE PLAN 20-08-12.DWG 08-18-20 10:16:02 AM - LAYOUT OVERALL

SLOPE LEGEND	
<15%	
15–25%	
>25%	

SOIL LEGEND	
CeC	CANTON & FINE SANDY LOAMS, 3–15% SLOPES, VERY ROCKY
HkA	HINKLEY LOAMY SAND, 0–3% SLOPES
HkD	HINKLEY LOAMY SAND, 15–25% SLOPES
Pg	PITS, GRAVEL

NOTES:

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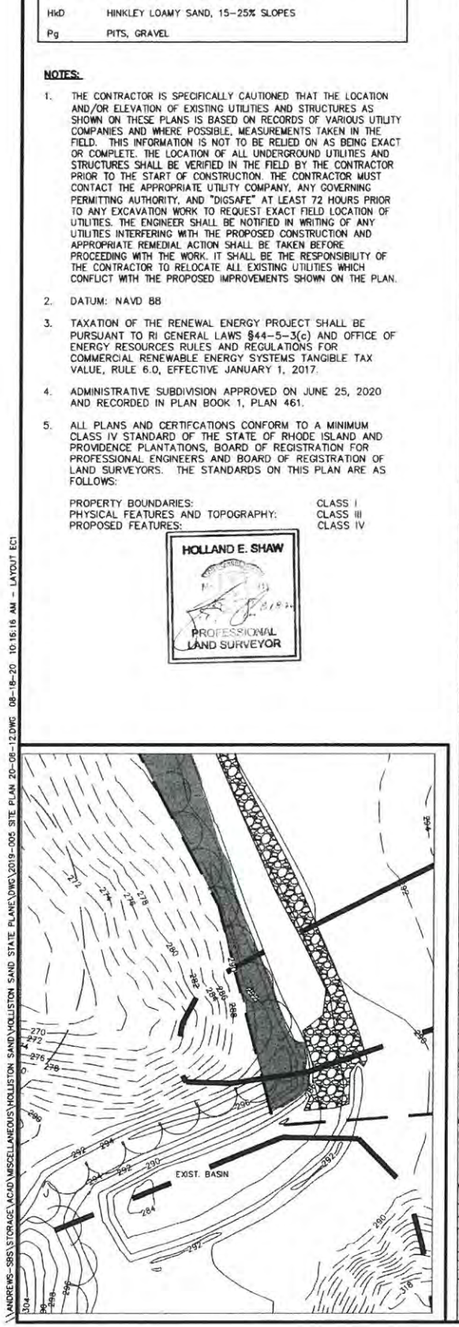
HOLLAND E. SHAW
PROFESSIONAL LAND SURVEYOR



ASE
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LAND DEVELOPMENT PLAN
OLD OXFORD ROAD
NORTH SMITHFIELD, RI

APPLICANT:
HOLLISTON SAND CO., INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

REVISIONS		
NO.	DATE	DESCRIPTION

GRAPHIC SCALE
(IN FEET)
1 inch = 40 feet

SHEET TITLE
EXISTING CONDITIONS PLAN & SOILS MAP

MICHAEL F. DiFRANCESCO
No. 9033
REGISTERED PROFESSIONAL ENGINEER

DES BY: JJS	DATE: 07/20/20	C3
CHK BY: BJA	PROJECT NO. 2020-005	

PLAN NO. L-6209

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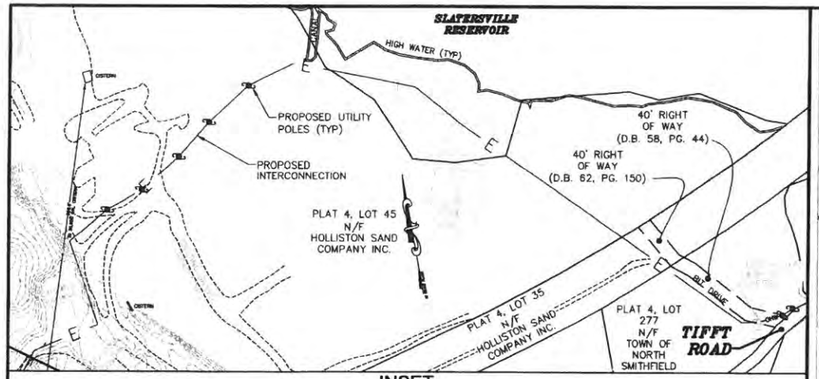
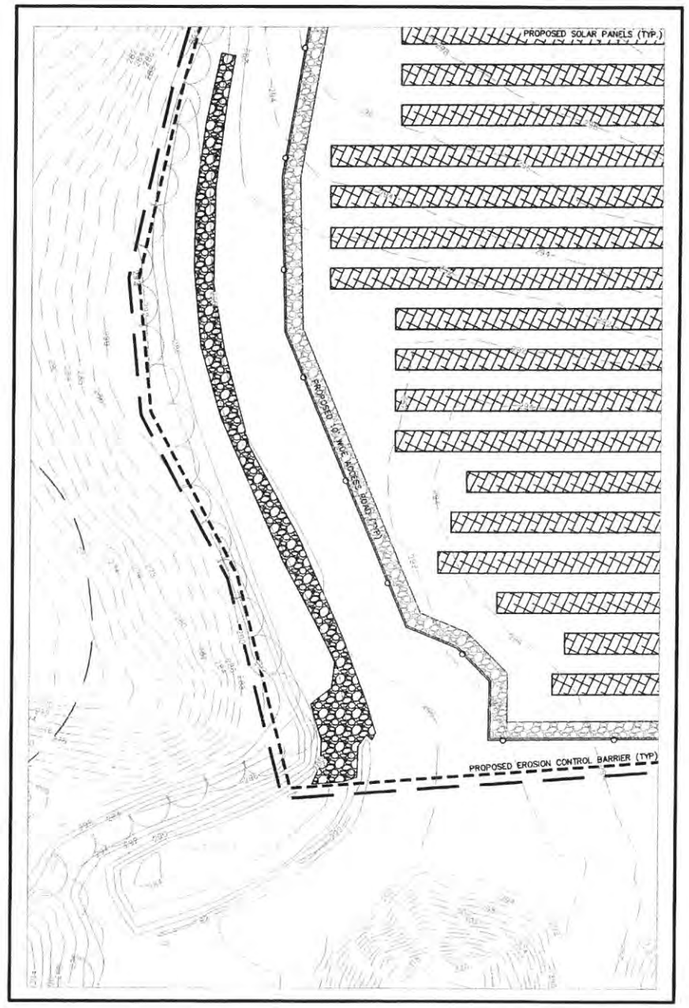
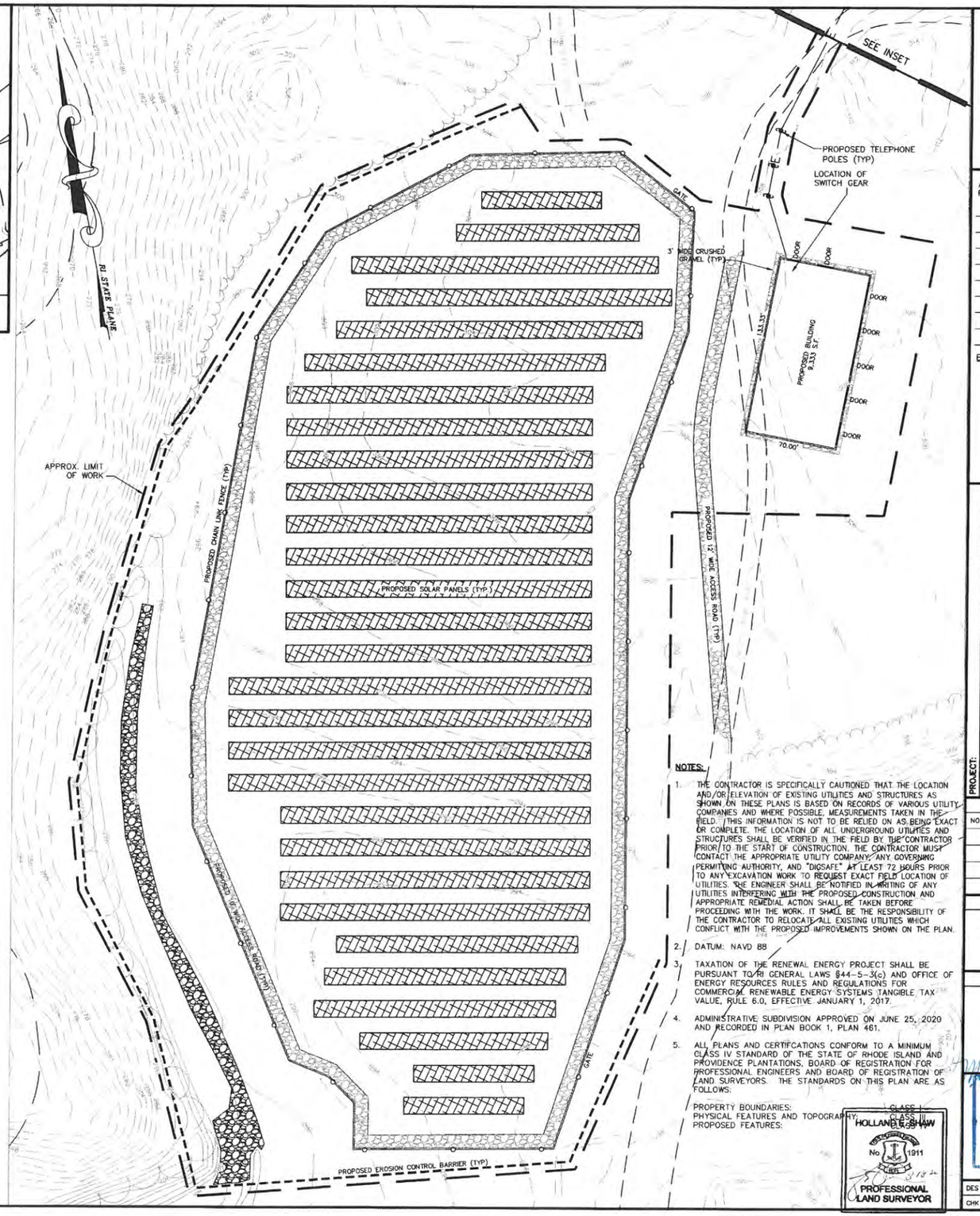
L:\ANDREWS-SBS\STORAGE\ACAD\MISCELLANEOUS\HOLLISTON SAND\STATE PLANE\DWG\2019-005 SITE PLAN 20-08-12.DWG 08-16-20 10:16:16 AM - LAYOUT EC1



INSET
SCALE: 1" = 200'





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PROPERTY BOUNDARIES: CLASS I
PHYSICAL FEATURES AND TOPOGRAPHY: CLASS I
PROPOSED FEATURES:

HOLLAND A. SHAW No. 1911 PROFESSIONAL LAND SURVEYOR

ASE
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Meadow Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289
500 East Washington Street
North Attleboro, Massachusetts 02760
P: 508-316-9452 F: 508-316-0963

APPROVAL UNDER LAND DEVELOPMENT PLAN REVIEW: NORTH SMITHFIELD PLANNING BOARD

BEING A MAJORITY DATE:

PROJECT:
HOLLISTON SAND
LAND DEVELOPMENT PLAN
OLD OXFORD ROAD
NORTH SMITHFIELD, RI

APPLICANT:
HOLLISTON SAND CO., INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 feet

SHEET TITLE
SITE PLAN

MICHAEL R. D'AMBRUOSO REGISTERED PROFESSIONAL ENGINEER

DES BY: JJS	DATE: 07/20/20	C4
CHK BY: BJA	PROJECT NO. 2020-005	

PLAN NO. L-6209

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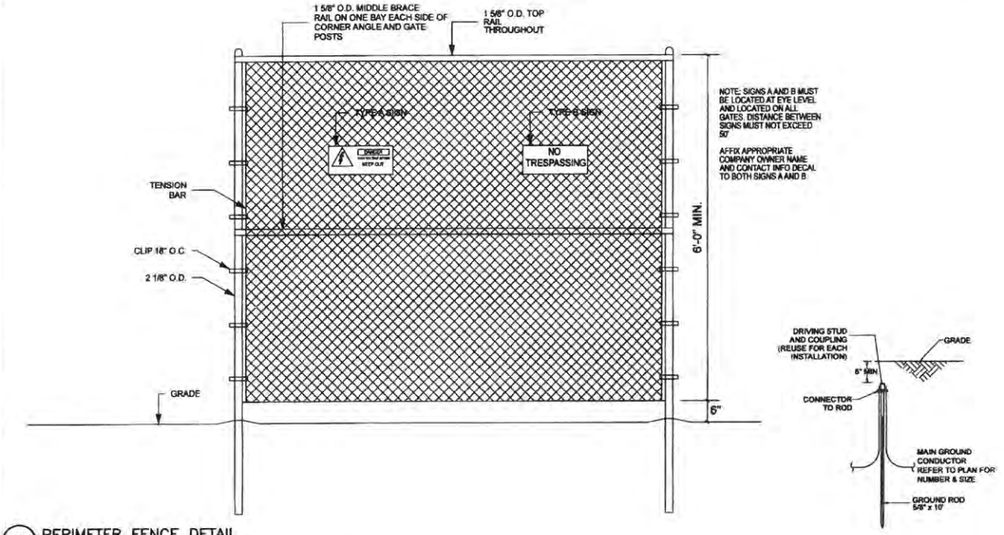
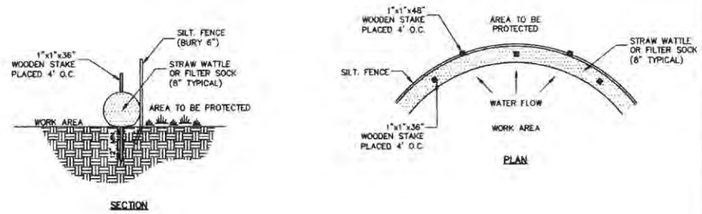
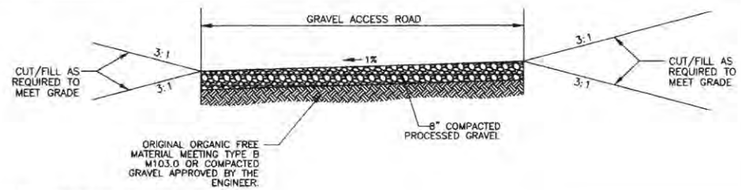
\\ANDREWS-SBS\STORAGE\ACAD\MISCELLANEOUS\HOLLISTON SAND\HOLLISTON SAND STATE PLANE\DWG\2019-005 SITE PLAN 20-06-12.DWG 08-18-20 10:16:32 AM - LAYOUT SL



1 PERIMETER FENCE DETAIL
SCALE: N.T.S.



2 EROSION CONTROL BARRIER (ECB)
SCALE: N.T.S.



3 ACCESS ROADWAY CROSS SECTION
SCALE: N.T.S.

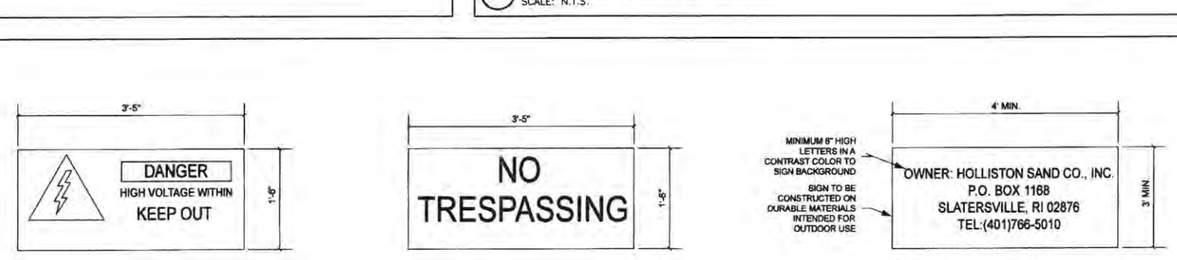
GROUNDING NOTES

A. Ground fence enclosures at diagonally opposite corners and at intervals not exceeding 500 feet.
B. Where an electric utility line passes over the fence, fence shall be grounded at points 50 feet, measured horizontally, beyond where the outside conductors pass over the fence.
C. Where an electric utility line runs parallel to and within 40 feet of the fence, measured horizontally, fence shall be grounded at 50 ft. maximum intervals along the parallel section of fence.
D. Fence post grounding shall consist of three grounding clamps, installed at the top, middle and bottom of the post, connected to the ground wire.
E. Fence grounding shall consist of conductors secured to the fence with compression connectors.

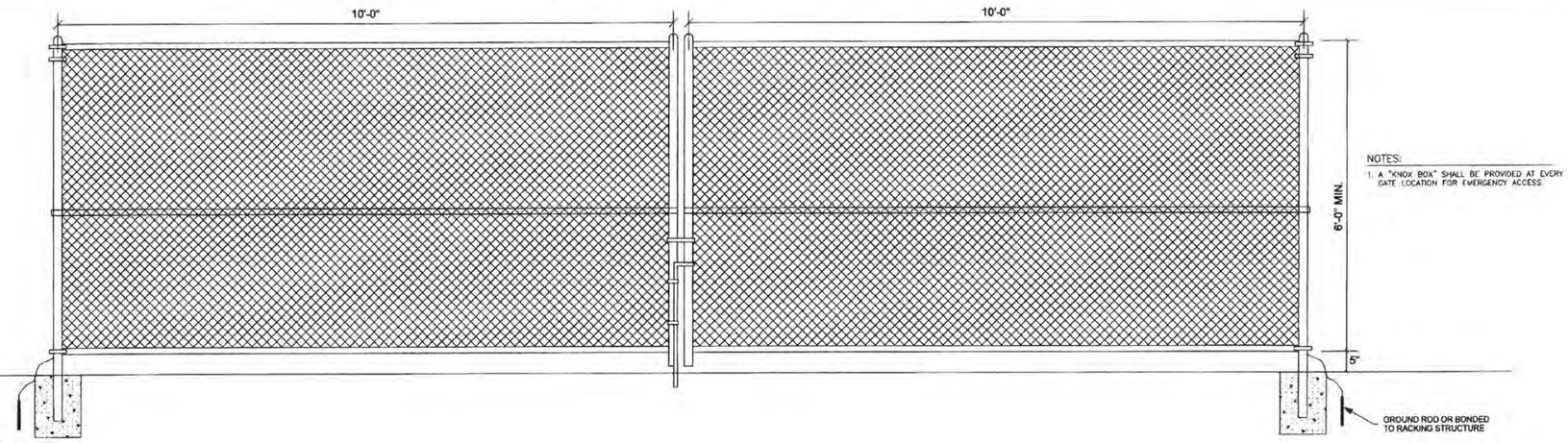
The National Electrical Safety Code (NESC) recommends that where fences are required to be grounded, such grounding shall be designed to limit touch, step and transferred voltages in accordance with industry practice.

The NESC requires that the grounding connection be made either to the grounding system of the enclosed equipment or to a separate ground. In addition, the NESC in Section 92E. lists six separate requirements for fences:

1. Where gates are installed, the fence shall be grounded at each side of the gate or similar opening
2. If a conducting gate is used, a buried bonding jumper must be installed across the opening
3. Where gates are installed, they shall be bonded to the fence, grounding conductor or other bonding jumper.
4. If the fence posts consist of a conducting material, the grounding conductor must be connected to the fence posts with a suitable connecting means
5. If the fence contains sections of barbed wire, the barbed wire must also be bonded to the fence, grounding conductor or other bonding jumper
6. If the fence posts consist of a nonconducting material, a bonding connection shall be made to the fence mesh strands and barbed wire strands at each grounding conductor point



4 FENCE SIGN DETAIL
SCALE: N.T.S.



5 ACCESS GATE DETAIL
SCALE: N.T.S.

ASE
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289
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P: 508-316-0452 F: 508-316-0963

APPROVAL UNDER LAND DEVELOPMENT PLAN REVIEW. NORTH SMITHFIELD PLANNING BOARD

BEING A MAJORITY DATE:

PROJECT:
HOLLISTON SAND
LAND DEVELOPMENT PLAN
OLD OXFORD ROAD
NORTH SMITHFIELD, RI

APPLICANT:
HOLLISTON SAND CO., INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

REVISIONS

NO.	DATE	DESCRIPTION

SHEET TITLE

DETAILS

MICHAEL B. DiFRANCESCO
No. 19023
REGISTERED PROFESSIONAL ENGINEER

DES BY: JJS	DATE: 07/20/20
CHK BY: BJA	PROJECT NO. 2020-005

C5

PLAN NO. L-6209

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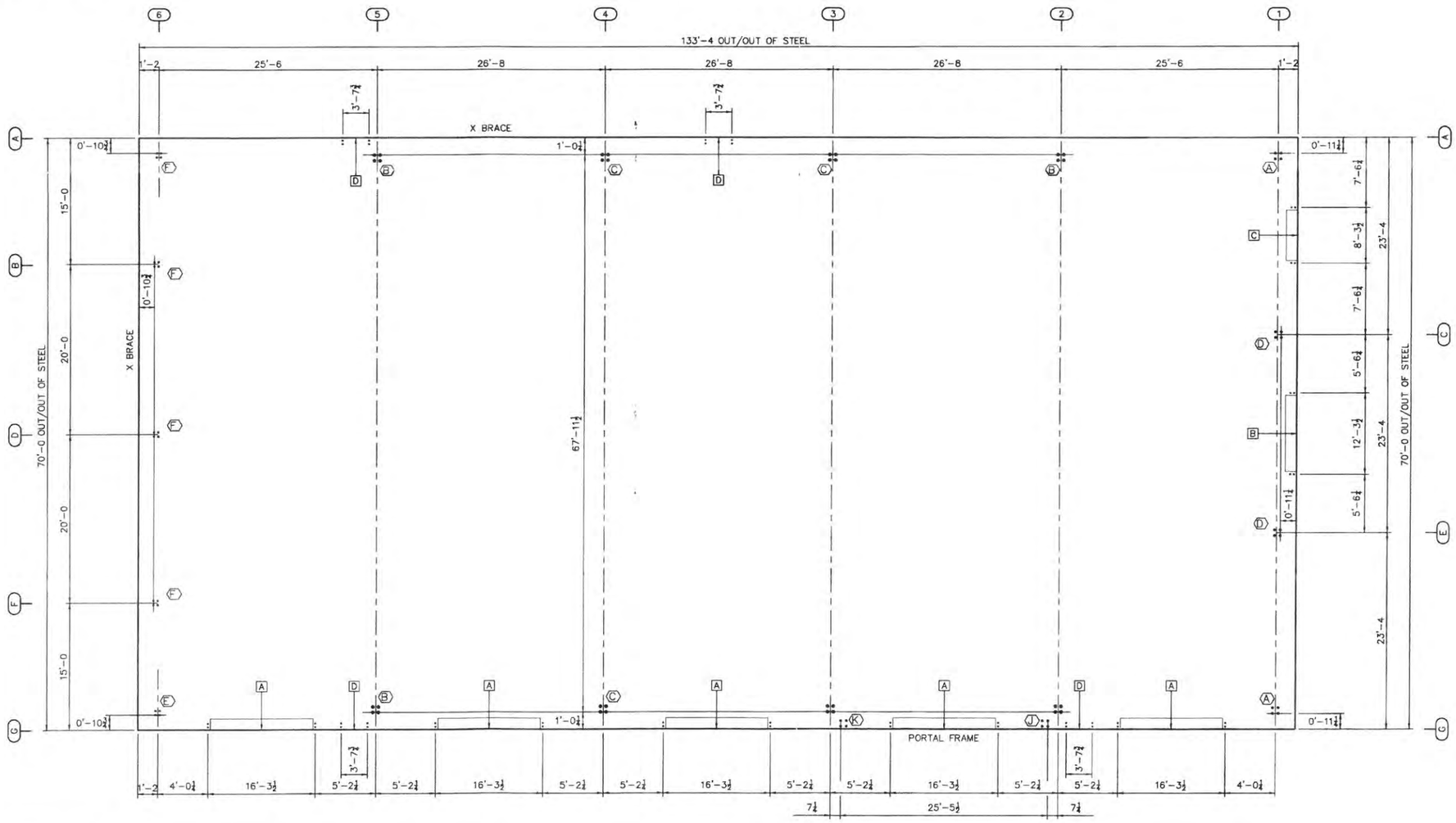
F:\ACAD\MISCELLANEOUS\HOLLISTON SAND\HOLLISTON SAND STATE PLANE\DWG\2019-005 SITE PLAN 20-05-12.DWG 05-14-20 7:04:50 AM - LAYOUT DETAILS

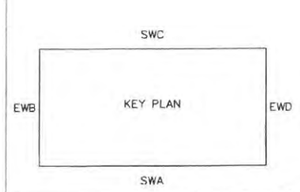
Anchor Rod Drawings

1) This drawing is for anchor rod placement only and is not foundation design.
2) Foundation must be square and level with all anchor rods true in size, location, and projection.
3) Projection shown must be held to keep threads clear of finished concrete.
4) This structural design data includes magnitude and location of design loads and support conditions, material properties, and type and size of major structural members necessary to show compliance with the Order Documents at the time of this issue. Any change to building loads or dimensions may change structural member sizes and locations shown. This structural design data will be superseded and voided by any future mailing.
5) Anchor rod size is determined by shear and tension at the bottom of the base plate. The length of the anchor rod and method of load transfer to the foundation are to be determined by the foundation engineer, and are not provided by the manufacturer.
6) Anchor rods are ASTM F1554 Gr. 36 material unless noted otherwise.

FINISH FLOOR AT ELEVATION 100'-0



ANCHOR ROD SETTING PLAN



ACCESSORY SCHEDULE			
MARK	DESCRIPTION	DETAIL	QUAN.
A	16'-0 X 14'-0 FRAMED OPENINGS	G	5
B	12'-0 X 16'-0 FRAMED OPENINGS	G	1
C	8'-0 X 12'-0 FRAMED OPENINGS	G	1
D	3'-4¾ X 7'-2¾ FRAMED OPENINGS	H	4

ANCHOR BOLTS TO BE DESIGNED BY FOUNDATION ENGINEER USING DIAMETERS SHOWN IN THIS TABLE.

ANCHOR ROD DESCRIPTION	QUANTITY
⅝"ø DIAMETER X	64
¾"ø DIAMETER X	24
1"ø DIAMETER X	32

Revision	Date	Description	By	Ck'd
1	05/08/19	REVISED ADDRESS ON BORDER ONLY.	LBR	LBR

8600 SOUTH I-35 SERVICE RD.
OKLAHOMA CITY, OK 73149
(405) 638-2010

STARR BUILDING SYSTEMS

Project Name & Location:
HOLLISTON SAND
77 TIFFT ROAD
NORTH SMITHFIELD, RI 02896

Customer:
HOLLISTON SAND
SLATERSVILLE, RI

Drawing Status:
☐ Preliminary (Not For Construction)
☐ For Approval (Not For Construction)
☐ For Construction Permit
☒ For Erector Installation
REVISED

Scale:	NOT TO SCALE
Drawn by:	LBR 10/15/18
Checked by:	HNL 10/16/18
Project Engineer:	AKR
Job Number:	16-B-70905
Sheet Number:	F1 of 4

The engineer whose seal appears hereon is an employee for the manufacturer for the materials described herein. Said seal or certification is limited to the products designed and manufactured by manufacturer only. The undersigned engineer is not the overall engineer of record for this project.

DRST1B ENST2A

PHILLIP J JOHNSON
No. 9354
REGISTERED PROFESSIONAL ENGINEER
CIVIL

12/3/18

LEGEND

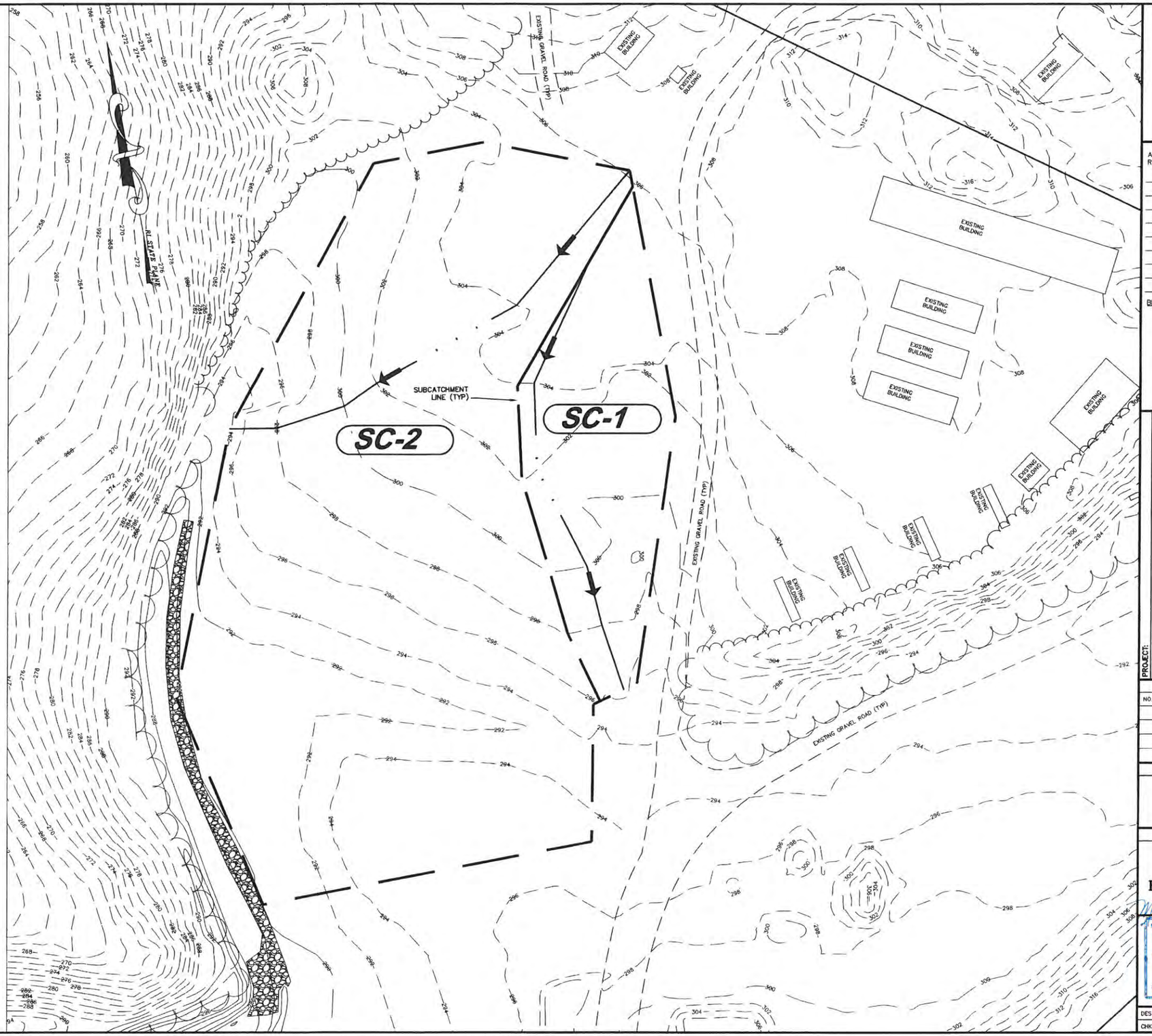
- SUBCATCHMENT LIMIT
- SC-1 — SUBCATCHMENT LABEL
- FLOW PATH
- AP1 — DRAINAGE ANALYSIS POINT

NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
2. DATUM: NAVD 88
3. TAXATION OF THE RENEWAL ENERGY PROJECT SHALL BE PURSUANT TO RI GAENERAL LWS §44-5-3(c) AND OFFICE OFENERGY RESOURCES RULES AND REGULATIONS FOR COMMERCIAL RENEWABLE ENERGY SYSTEMS TANGIBLE TAX VALUE, RULE 6.0. EFFECTIVE JANUARY 1, 2017.
4. ADMINISTRATIVE SUBDIVISION APPROVED ON JUNE 25, 2020 AND RECORDED IN PLAN BOOK 1, PLAN 461.
5. ALL PLANS AND CERTIFCATIONS CONFORM TO A MINIMUM CLASS IV STANDARD OF THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS, BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND BOARD OF REGISTRATION OF LAND SURVEYORS. THE STANDARDS ON THIS PLAN ARE AS FOLLOWS:

PROPERTY BOUNDARIES:	CLASS I
PHYSICAL FEATURES AND TOPOGRAPHY:	CLASS III
PROPOSED FEATURES:	CLASS IV

HOLLAND E. SHAW
No.
PROFESSIONAL LAND SURVEYOR



ASE
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Meadon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289
500 East Washington Street
North Attleboro, Massachusetts 02760
P: 508-316-0452 F: 508-316-0963

APPROVAL UNDER LAND DEVELOPMENT PLAN REVIEW. NORTH SMITHFIELD PLANNING BOARD

BEING A MAJORITY DATE:

PROJECT:
HOLLISTON SAND
LAND DEVELOPMENT PLAN
OLD OXFORD ROAD
NORTH SMITHFIELD, RI

APPLICANT:
HOLLISTON SAND CO., INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE
(IN FEET)
1 inch = 40 feet

SHEET TITLE
WATERSHED MAP: EXISTING CONDITIONS

MICHAEL P. DeFRANCESCO
No. 9033
REGISTERED PROFESSIONAL ENGINEER

DES BY: JJS	DATE: 07/20/20	D1
CHK BY: BJA	PROJECT NO. 2020-005	

PLAN NO. L-6209

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\\ANDREWS-SBS\STORAGE\ACAD\MISCELLANEOUS\HOLLISTON SAND\HOLLISTON SAND STATE PLANE\DWG\2019-005 SITE PLAN 20-06-12.DWG 08-18-20 10:19:30 AM - LAYOUT PRE

LEGEND

SUBCATCHMENT LIMIT

SUBCATCHMENT LABEL

FLOW PATH

DRAINAGE ANALYSIS POINT

NOTES:

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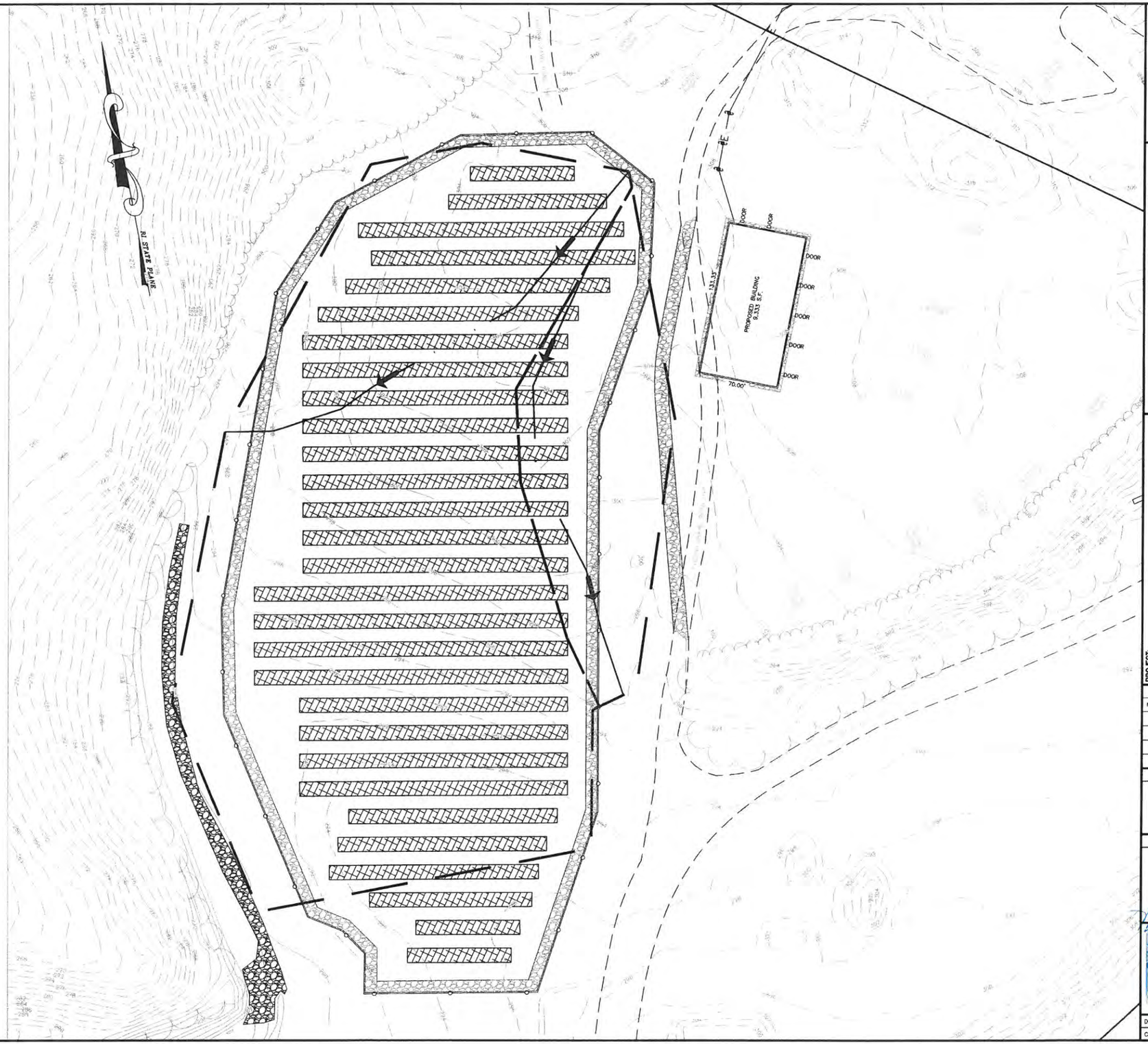
PHYSICAL FEATURES AND TOPOGRAPHY:	CLASS III
PROPOSED FEATURES:	CLASS IV

HOLLAND E. SHAW
No. 11
5-15-20
PROFESSIONAL LAND SURVEYOR



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APPROVAL UNDER LAND DEVELOPMENT PLAN REVIEW. NORTH SMITHFIELD PLANNING BOARD

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PROJECT:
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LAND DEVELOPMENT PLAN
OLD OXFORD ROAD
NORTH SMITHFIELD, RI

APPLICANT:
HOLLISTON SAND CO., INC.
P.O. BOX 1168
SLATERSVILLE, RI 02876

REVISIONS

NO.	DATE	DESCRIPTION

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 feet

SHEET TITLE
WATERSHED MAP: DEVELOPED CONDITIONS

MICHAEL P. DEFRANCESCO
No. 9633
REGISTERED PROFESSIONAL ENGINEER

DES BY: JJS	DATE: 07/20/20	D2
CHK BY: BJA	PROJECT NO. 2020-005	

PLAN NO. L-6209

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