

*RIDEM Wetland Edge Verification Submission*

# *GDIM 1-9: Iron Mine Hill Road Solar*

## *Iron Mine Hill Road*

*North Smithfield, Rhode Island 02896*

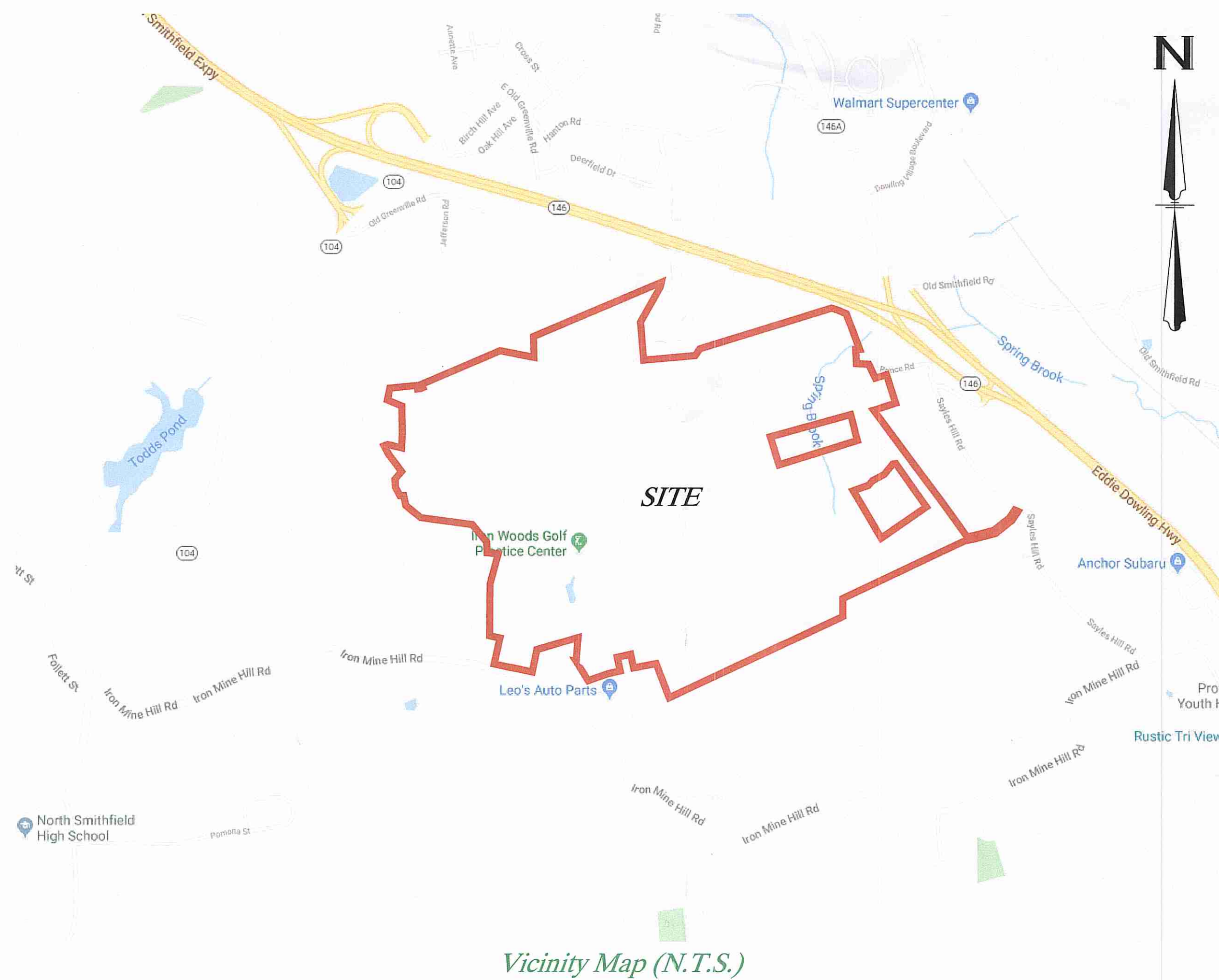
*Assessor's Plat 12 Lots 136B & 137, Assessor's Plat 13 Lots 12 & 51*

*Assessor's Plat 16 Lots 6 & 97, & Assessor's Plat 17 Lot 175*

NOV 20 2018

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Sheet Number	Sheet Title
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OWNERS: **Ralph F & Muriel J Ferra**  
 1081 IRON MINE HILL ROAD, N SMITHFIELD, RI 02896  
 AP 13, LOTS 12 & 51, AP 16, LOTS 6 & 97 AND AP 17, LOT 175

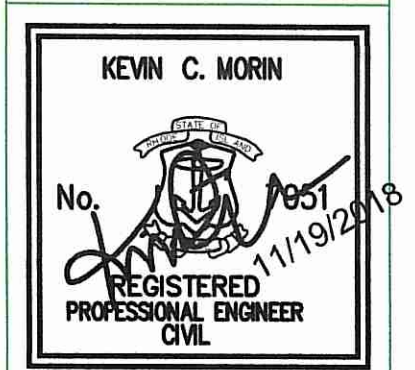
**Khan Faridoo Trust**  
 5 KENNEDY BOULEVARD, LINCOLN, RI 02865  
 AP 12, LOTS 136B & 137

PREPARED BY: **Green Development, LLC**  
 3760 QUAKER LANE, NORTH KINGSTOWN, RI 02852

NO.	DATE	REVISION
1	11/19/2018	RIDEM WETLAND EDGE COMMENTS

SHEET TITLE: **Cover Sheet**

PROJECT INFORMATION:  
**GDIM 1-9: Iron Mine Hill Road Solar**  
 IRON MINE HILL ROAD, NORTH SMITHFIELD, RI 02896  
 AP 12 LOTS 136B & 137, AP 13 LOTS 12 & 51  
 AP 16 LOTS 6 & 97, & AP 17 LOT 175



SHEET NO.: **C1.1 OF 6**

**General Site Information:**

- 1. APPLICANT INFORMATION:** GDM 1-9, LLC  
3760 QUAKER LANE  
NORTH KINGSTOWN, RHODE ISLAND 02852
- 2. OWNER INFORMATION:** RALPH F & MURIEL J FERRA  
1081 IRON MINE HILL ROAD  
NORTH SMITHFIELD, RHODE ISLAND 02896

AP 12, LOTS 136B & 137  
KHAN FARIDOOON TRUST  
5 KENNEDY BOULEVARD  
LINCOLN, RHODE ISLAND 02865
- 3. SITE INFORMATION:** 1081 IRON MINE HILL ROAD  
NORTH SMITHFIELD, RHODE ISLAND 02896  
ASSESSOR'S PLAT 12, LOTS 136B & 137  
ASSESSOR'S PLAT 13, LOTS 12 & 51  
ASSESSOR'S PLAT 17, LOTS 6 & 97  
TOTAL AREA: 425.53± ACRES  
ZONE: RA (RURAL AGRICULTURE)
- WETLANDS WERE DELINEATED ON SITE BY MASON & ASSOCIATES, INC., 771 PLAINFIELD PIKE, NORTH SCITUATE, RI 02857 ON MARCH 27 & 30, 2016 AND APRIL 6, 10 & 14, 2018.
- EXISTING CONDITIONS WITHIN THE PROPERTY WERE DETERMINED BY ONLINE INFORMATION, AERIAL MAPPING AND THE RIGIS DATABASE.
- TOPOGRAPHY SHOWN ON THE PLAN IS AERIAL MAPPING AND WAS OBTAINED BY AEROTECH.

**General Site Information (Continued):**

7. THIS PLAN IS IN ACCORDANCE WITH A CLASS IV STANDARD BOUNDARY LINE AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. THIS PLAN IS NOT TO BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY AND IS SUBJECT TO SUCH CHANGES AS AN ACCURATE BOUNDARY SURVEY MAY DISCLOSE. ONLINE INFORMATION FROM RECORDED DATA AND EXISTING MAPS FROM THE TOWN AND STATE, AND RIGIS DATABASE WAS USED TO COMPILER THIS PLAN. DUE TO THE ACCURACY LEVELS OF SAID DATA AND MAPS, THIS PLAN IS TO BE CONSIDERED APPROXIMATE UNLESS SPECIFIED THAT ACTUAL FIELD SURVEY AND DEED RESEARCH HAS BEEN CONDUCTED.

**Plan References:**

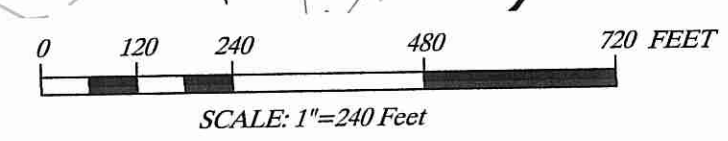
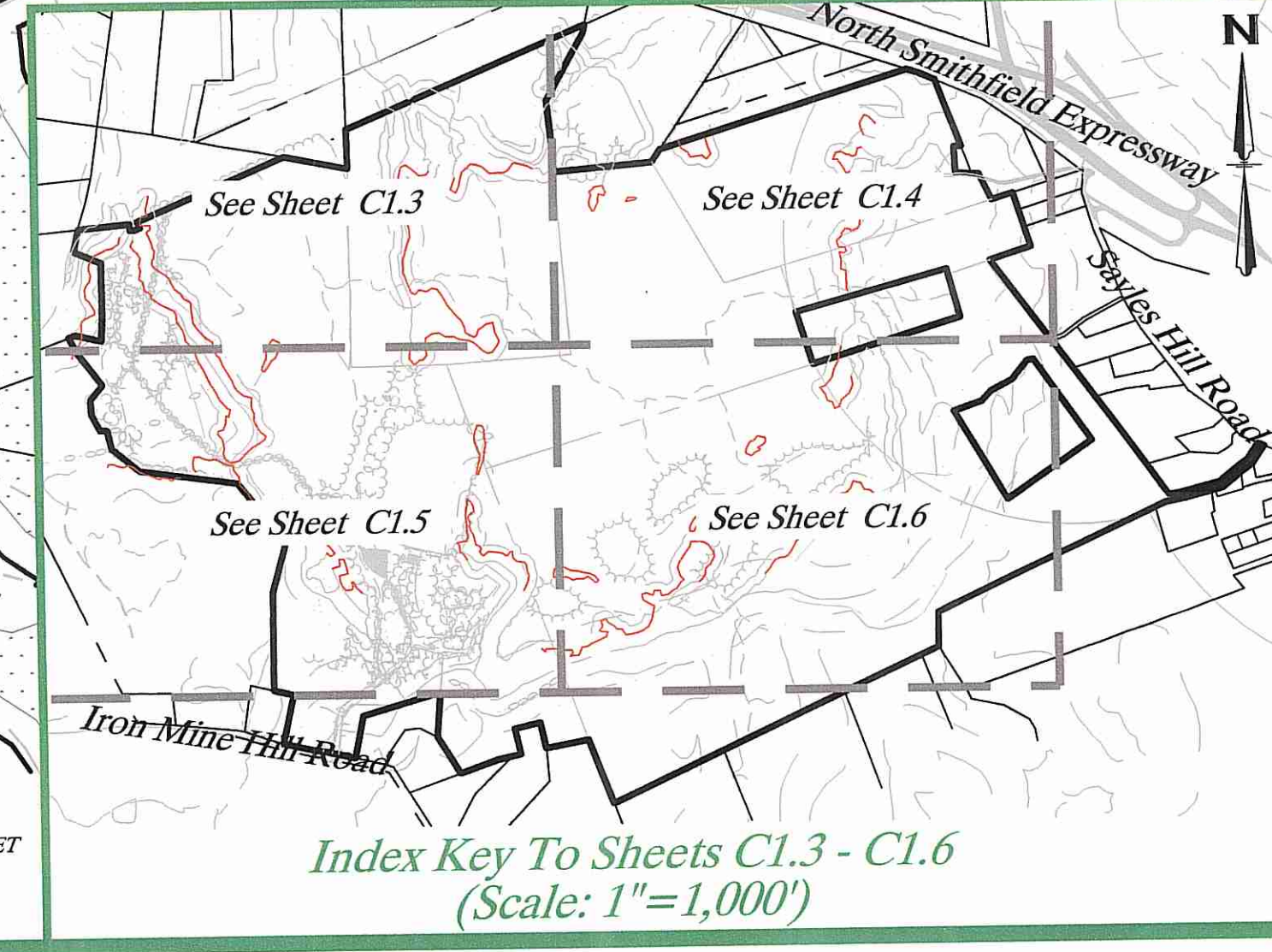
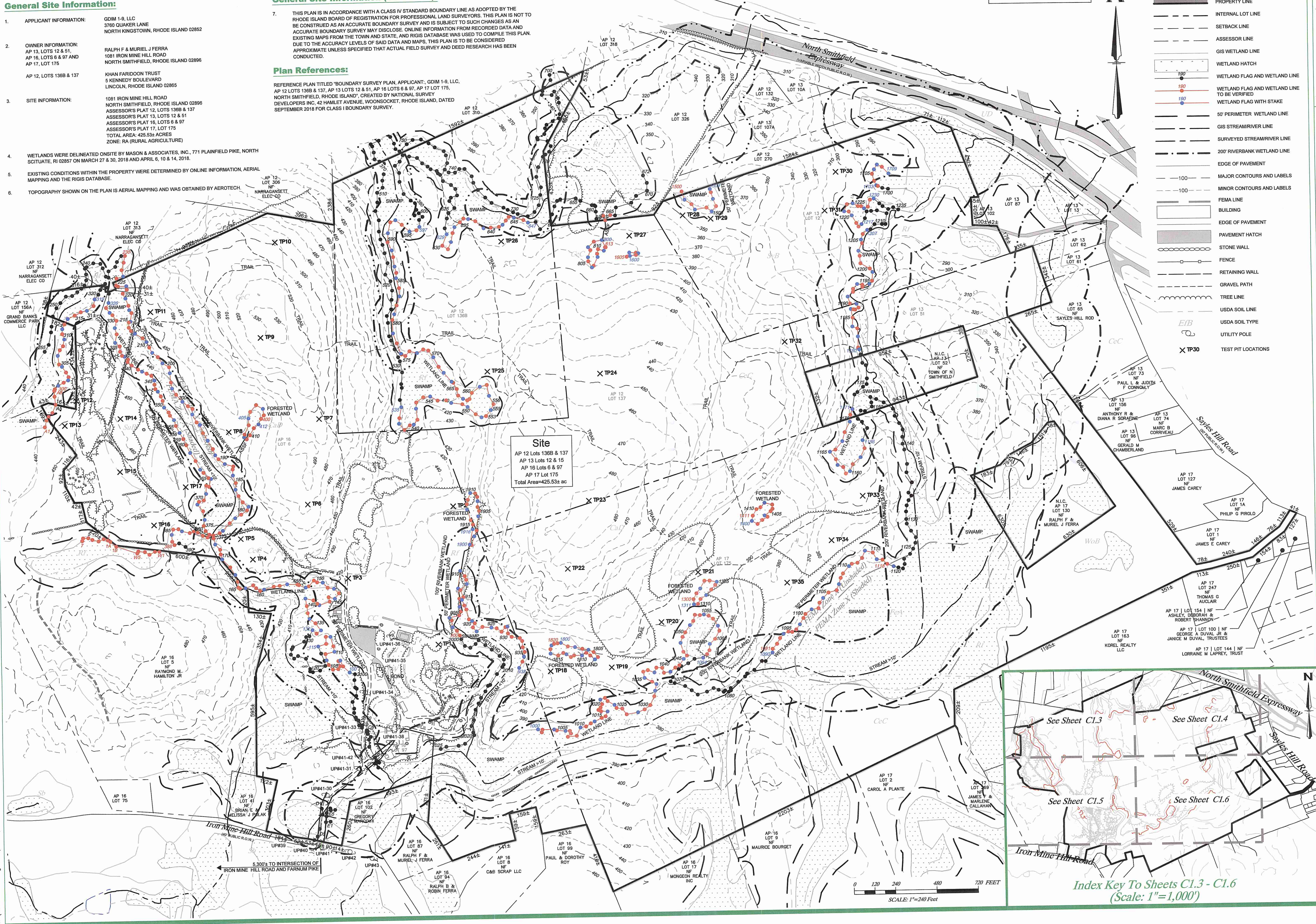
REFERENCE PLAN TITLED "BOUNDARY SURVEY PLAN, APPLICANT, GDM 1-9, LLC, AP 12 LOTS 136B & 137, AP 13 LOTS 12 & 51, AP 16 LOTS 6 & 97, AP 17 LOT 175, NORTH SMITHFIELD, RHODE ISLAND", CREATED BY NATIONAL SURVEY DEVELOPERS INC, 42 HAMLET AVENUE, WOONSOCKET, RHODE ISLAND, DATED SEPTEMBER 2018 FOR CLASS I BOUNDARY SURVEY.

FOR BEST CLARITY, THIS SHEET SHOULD BE REPRODUCED IN COLOR ONLY.



**Existing Conditions Legend**

- PROPERTY LINE
- INTERNAL LOT LINE
- SETBACK LINE
- ASSESSOR LINE
- GIS WETLAND LINE
- WETLAND HATCH
- WETLAND FLAG AND WETLAND LINE
- WETLAND FLAG AND WETLAND LINE TO BE VERIFIED
- WETLAND FLAG WITH STAKE
- 50' PERIMETER WETLAND LINE
- GIS STREAM/RIVER LINE
- SURVEYED STREAM/RIVER LINE
- 200' RIVERBANK WETLAND LINE
- EDGE OF PAVEMENT
- MAJOR CONTOURS AND LABELS
- MINOR CONTOURS AND LABELS
- FEMA LINE
- BUILDING
- EDGE OF PAVEMENT
- PAVEMENT HATCH
- STONE WALL
- FENCE
- RETAINING WALL
- GRAVEL PATH
- TREE LINE
- USDA SOIL LINE
- USDA SOIL TYPE
- UTILITY POLE
- TEST PIT LOCATIONS



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**Ralph F & Muriel J Ferra**  
1081 IRON MINE HILL ROAD, N SMITHFIELD, RI 02896  
AP 13, LOTS 12 & 51, AP 16, LOTS 6 & 97 AND AP 17, LOT 175

**Khan Faridooon Trust**  
5 KENNEDY BOULEVARD, LINCOLN, RI 02865  
AP 12, LOTS 136B & 137

PREPARED BY: **Green Development, LLC**  
3760 QUAKER LANE, NORTH KINGSTOWN, RI 02852

NO.	DATE	REVISION
1	11/19/2018	IRON MINE HILL WETLAND EDGE CONDITIONS

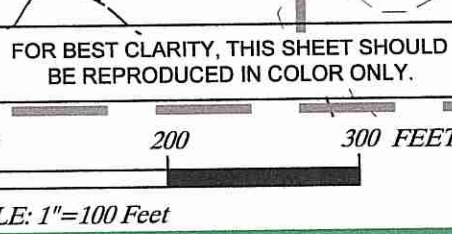
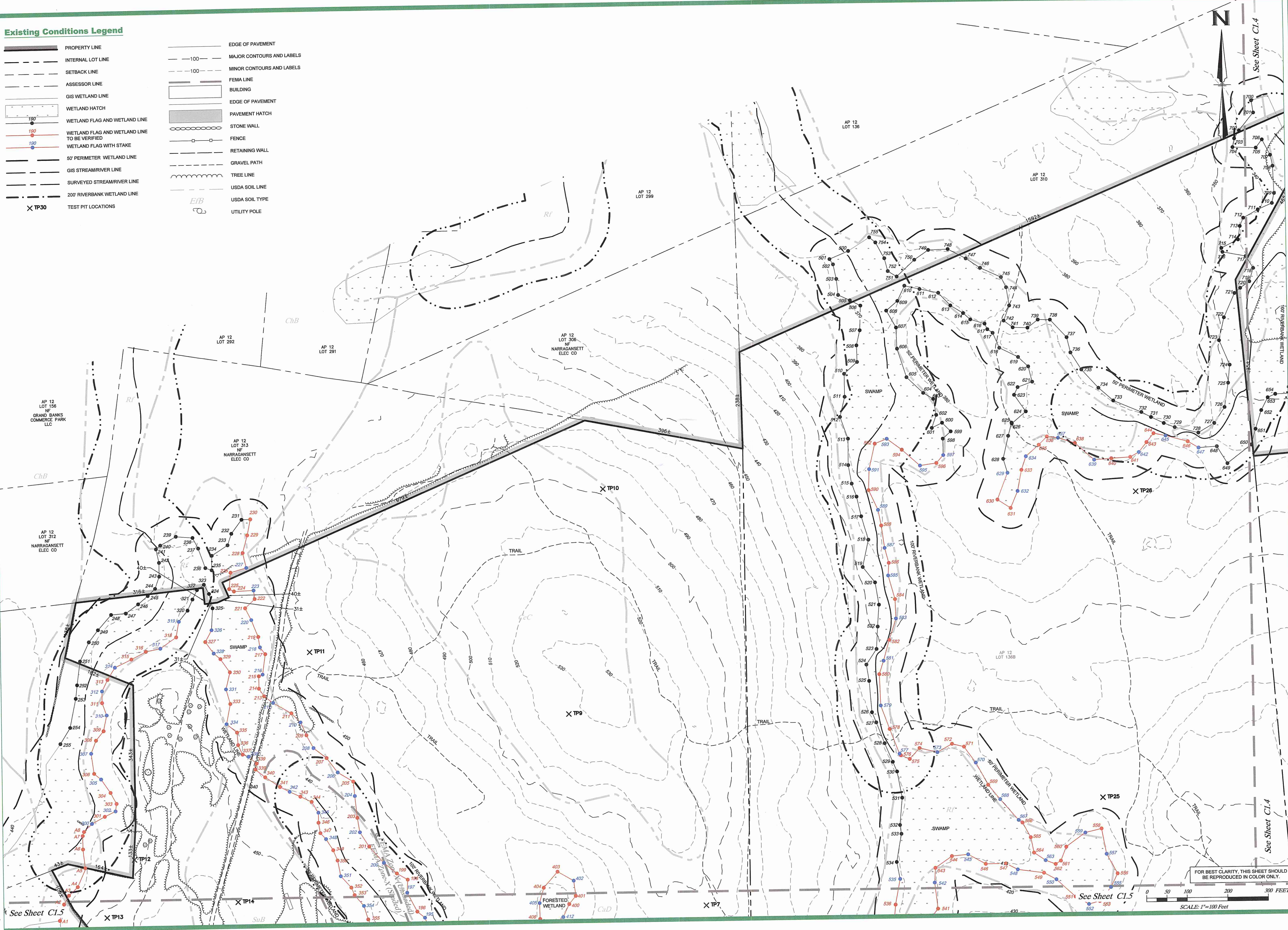
**Overall Site Plan**  
PROJECT INFORMATION:  
**GDIM 1-9: Iron Mine Hill Road Solar**  
IRON MINE HILL ROAD, NORTH SMITHFIELD, RI 02896  
AP 12 LOTS 136B & 137, AP 13 LOTS 12 & 51  
AP 16 LOTS 6 & 97, & AP 17 LOT 175



SHEET NO.: **C1.2** OF **6**

**Existing Conditions Legend**

- PROPERTY LINE
- INTERNAL LOT LINE
- SETBACK LINE
- ASSESSOR LINE
- GIS WETLAND LINE
- WETLAND HATCH
- WETLAND FLAG AND WETLAND LINE
- WETLAND FLAG AND WETLAND LINE TO BE VERIFIED
- WETLAND FLAG WITH STAKE
- 50' PERIMETER WETLAND LINE
- GIS STREAM/RIVER LINE
- SURVEYED STREAM/RIVER LINE
- 200' RIVERBANK WETLAND LINE
- TEST PIT LOCATIONS
- EDGE OF PAVEMENT
- MAJOR CONTOURS AND LABELS
- MINOR CONTOURS AND LABELS
- FEMA LINE
- BUILDING
- EDGE OF PAVEMENT
- PAVEMENT HATCH
- STONE WALL
- FENCE
- RETAINING WALL
- GRAVEL PATH
- TREE LINE
- USDA SOIL LINE
- USDA SOIL TYPE
- UTILITY POLE



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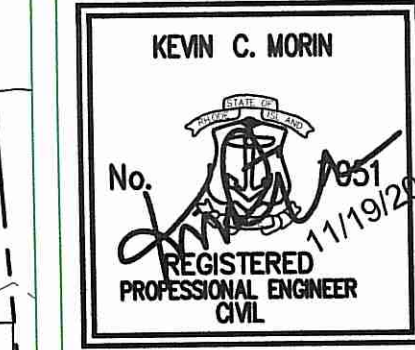


**Ralph F & Muriel J Ferris**  
 1081 IRON MINE HILL ROAD, N SMITHFIELD, RI 02896  
 AP 13, LOTS 12 & 51, AP 16, LOTS 6 & 97 AND AP 17, LOT 175  
**Khan Faridoo Trust**  
 5 KENNEDY BOULEVARD, LINCOLN, RI 02865  
 AP 12, LOTS 136B & 137

PREPARED BY: **Green Development, LLC**  
 3760 QUAKER LANE, NORTH KINGSTOWN, RI 02852

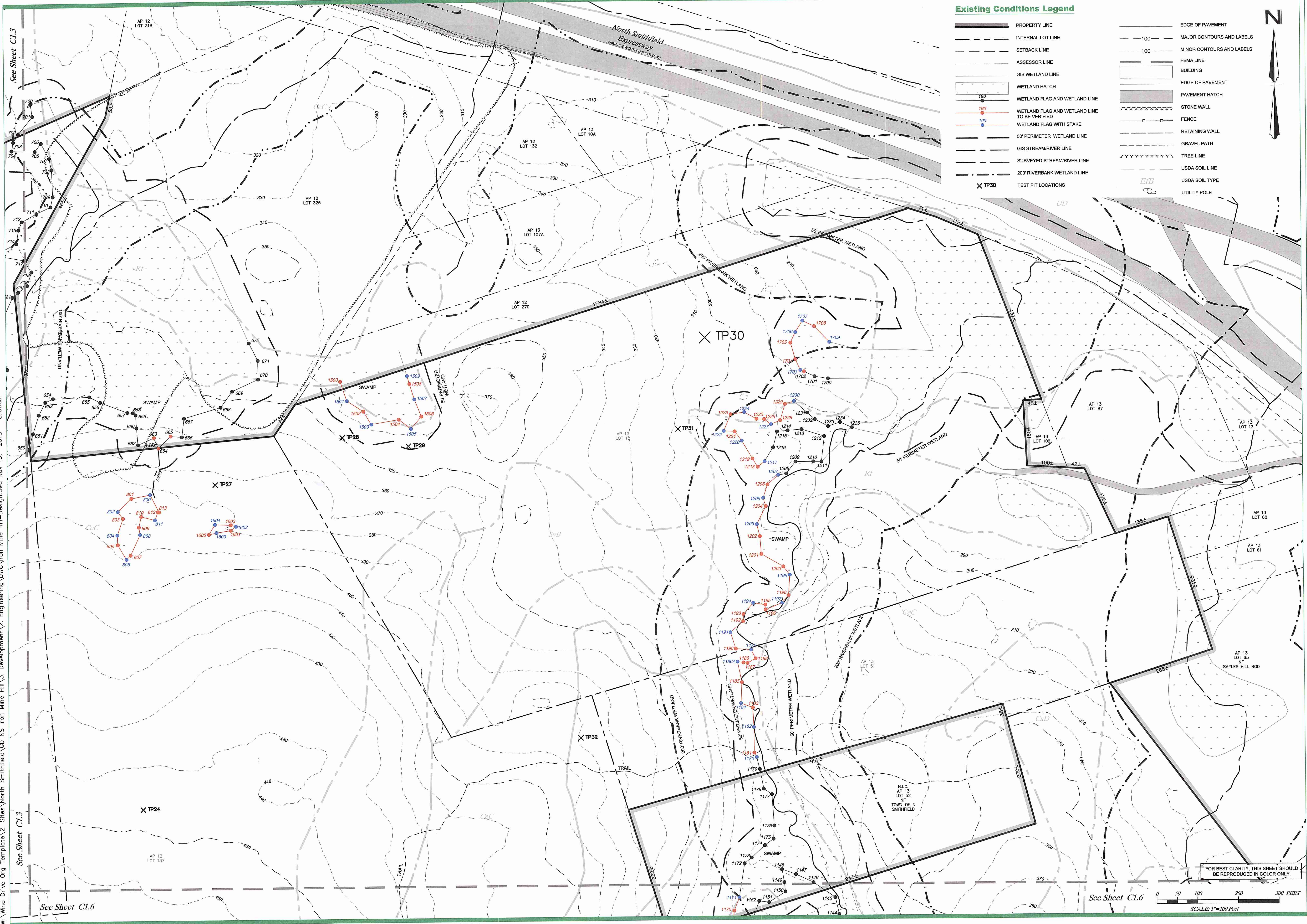
NO.	DATE	REVISION
1	11/19/2018	ISSUE FOR WETLAND EDGE COMMENTS

**Enlarged Site Plan - 1**  
**GDIM 1-9: Iron Mine Hill Road Solar**  
 IRON MINE HILL ROAD, NORTH SMITHFIELD, RI 02896  
 AP 12 LOTS 136B & 137, AP 13 LOTS 12 & 51  
 AP 16 LOTS 6 & 97, & AP 17 LOT 175



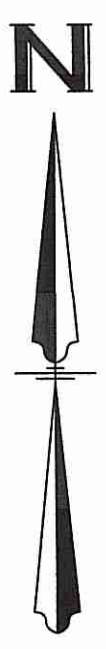
SHEET NO.: **C1.3** OF **6**

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**Existing Conditions Legend**

- |  |  |  |                           |
|--|--|--|---------------------------|
|  | PROPERTY LINE                                |  | EDGE OF PAVEMENT          |
|  | INTERNAL LOT LINE                            |  | MAJOR CONTOURS AND LABELS |
|  | SETBACK LINE                                 |  | MINOR CONTOURS AND LABELS |
|  | ASSESSOR LINE                                |  | FEMA LINE                 |
|  | GIS WETLAND LINE                             |  | BUILDING                  |
|  | WETLAND HATCH                                |  | EDGE OF PAVEMENT          |
|  | WETLAND FLAG AND WETLAND LINE TO BE VERIFIED |  | PAVEMENT HATCH            |
|  | WETLAND FLAG AND WETLAND LINE TO BE VERIFIED |  | STONE WALL                |
|  | WETLAND FLAG WITH STAKE                      |  | FENCE                     |
|  | 50' PERIMETER WETLAND LINE                   |  | RETAINING WALL            |
|  | GIS STREAM/RIVER LINE                        |  | GRAVEL PATH               |
|  | SURVEYED STREAM/RIVER LINE                   |  | TREE LINE                 |
|  | 200' RIVERBANK WETLAND LINE                  |  | USDA SOIL LINE            |
|  | TEST PIT LOCATIONS                           |  | USDA SOIL TYPE            |
|  |  |  | UTILITY POLE              |



3760 Quaker Lane  
North Kingstown, RI 02882  
(401) 293-6988  
www.green-ri.com

**Ralph F & Muriel J Ferra**  
1081 IRON MINE HILL ROAD, N SMITHFIELD, RI 02896  
AP 13, LOTS 12 & 51, AP 16, LOTS 6 & 97, AP 17, LOT 175

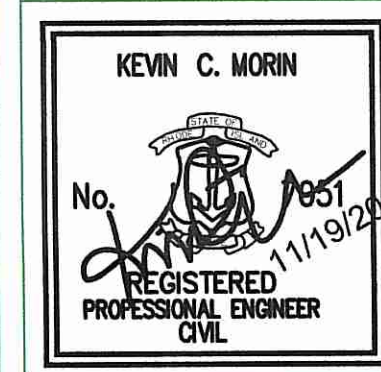
**Khan Faridoon Trust**  
5 KENNEDY BOULEVARD, LINCOLN, RI 02865  
AP 12, LOTS 136B & 137

PREPARED BY: **Green Development, LLC**  
3760 QUAKER LANE, NORTH KINGSTOWN, RI 02882

NO.	DATE	REVISION
1	11/19/2018	RI&M WETLAND SIZE COMMENTS

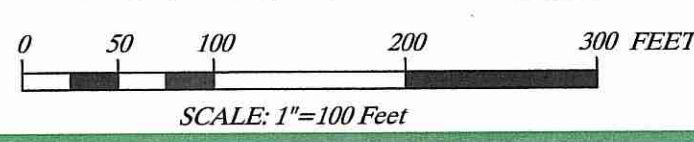
SHEET TITLE:  
**Enlarged Site Plan - 2**

PROJECT INFORMATION:  
**GDM 1-9: Iron Mine Hill Road Solar**  
IRON MINE HILL ROAD, NORTH SMITHFIELD, RI 02896  
AP 12 LOTS 136B & 137, AP 13 LOTS 12 & 51  
AP 16 LOTS 6 & 97, & AP 17 LOT 175



SHEET NO.:  
**C1.4** OF **6**

FOR BEST CLARITY, THIS SHEET SHOULD BE REPRODUCED IN COLOR ONLY.

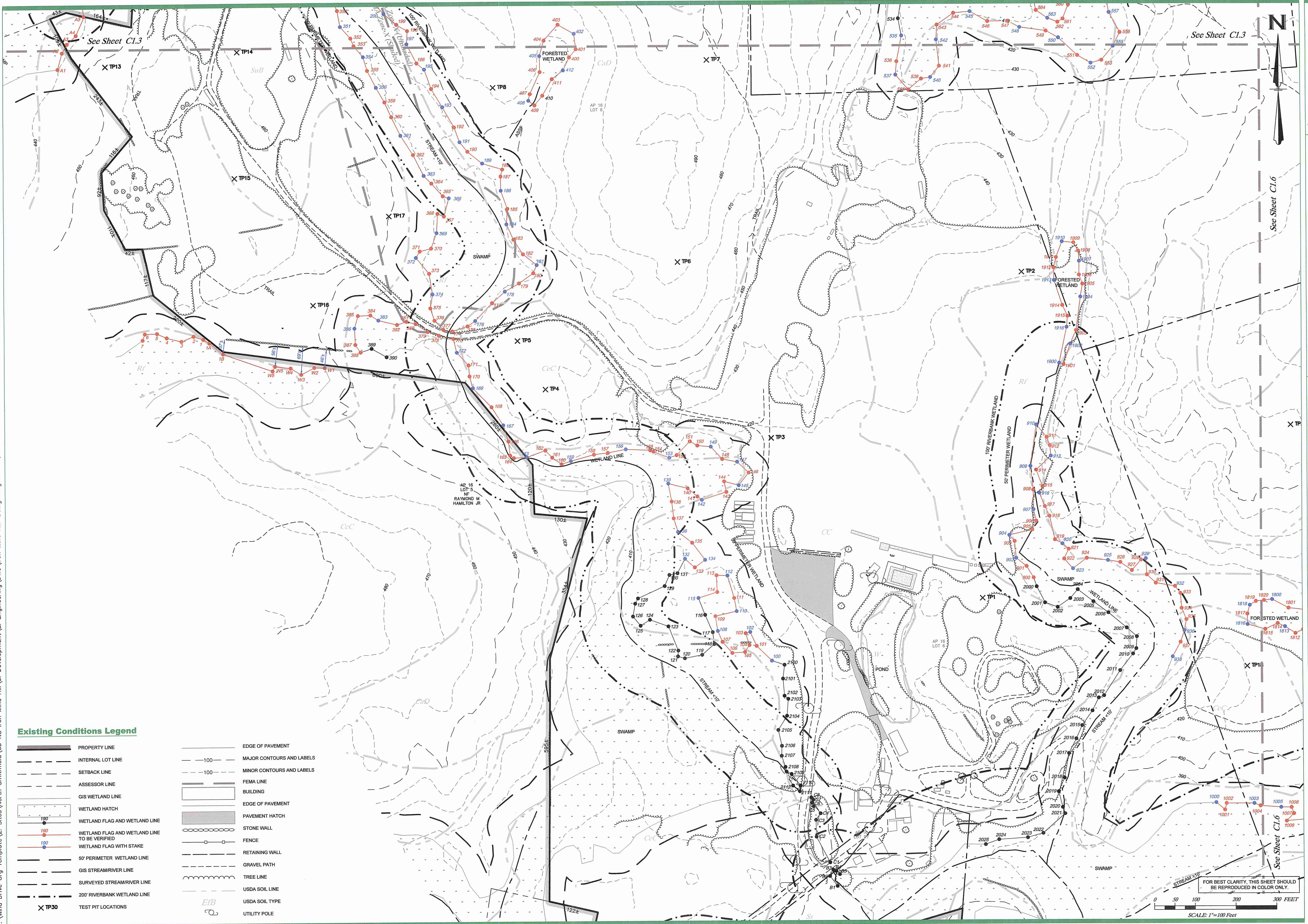


See Sheet C1.6

See Sheet C1.6

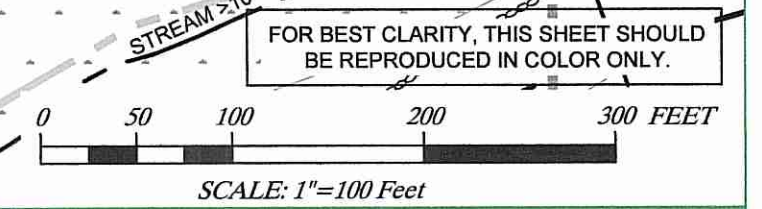
See Sheet C1.3

See Sheet C1.3



**Existing Conditions Legend**

- |  |  |  |                           |
|--|--|--|---------------------------|
|  | PROPERTY LINE                                |  | EDGE OF PAVEMENT          |
|  | INTERNAL LOT LINE                            |  | MAJOR CONTOURS AND LABELS |
|  | SETBACK LINE                                 |  | MINOR CONTOURS AND LABELS |
|  | ASSESSOR LINE                                |  | FEMA LINE                 |
|  | GIS WETLAND LINE                             |  | BUILDING                  |
|  | WETLAND HATCH                                |  | EDGE OF PAVEMENT          |
|  | WETLAND FLAG AND WETLAND LINE                |  | PAVEMENT HATCH            |
|  | WETLAND FLAG AND WETLAND LINE TO BE VERIFIED |  | STONE WALL                |
|  | WETLAND FLAG WITH STAKE                      |  | FENCE                     |
|  | 50' PERIMETER WETLAND LINE                   |  | RETAINING WALL            |
|  | GIS STREAM/RIVER LINE                        |  | GRAVEL PATH               |
|  | SURVEYED STREAM/RIVER LINE                   |  | TREE LINE                 |
|  | 200' RIVERBANK WETLAND LINE                  |  | USDA SOIL LINE            |
|  | TEST PIT LOCATIONS                           |  | USDA SOIL TYPE            |
|  |  |  | UTILITY POLE              |



3760 Quaker Lane  
North Kingstown, RI 02852  
(401) 295-4998  
www.green-ri.com

OWNERS: **Ralph F & Muriel J Ferra**  
1081 IRON MINE HILL ROAD, NORTH SMITHFIELD, RI 02896  
AP 13, LOTS 12 & 51, AP 15, LOTS 6 & 97 AND AP 17, LOT 175

**Khan Faridoun Trust**  
5 KENNEDY BOULEVARD, LINCOLN, RI 02865  
AP 12, LOTS 136B & 137

PREPARED BY: **Green Development, LLC**  
3760 QUAKER LANE, NORTH KINGSTOWN, RI 02852

NO.	DATE	REVISION
1	11/19/2018	IRON MINE HILL WETLAND EDGE COMMENTS

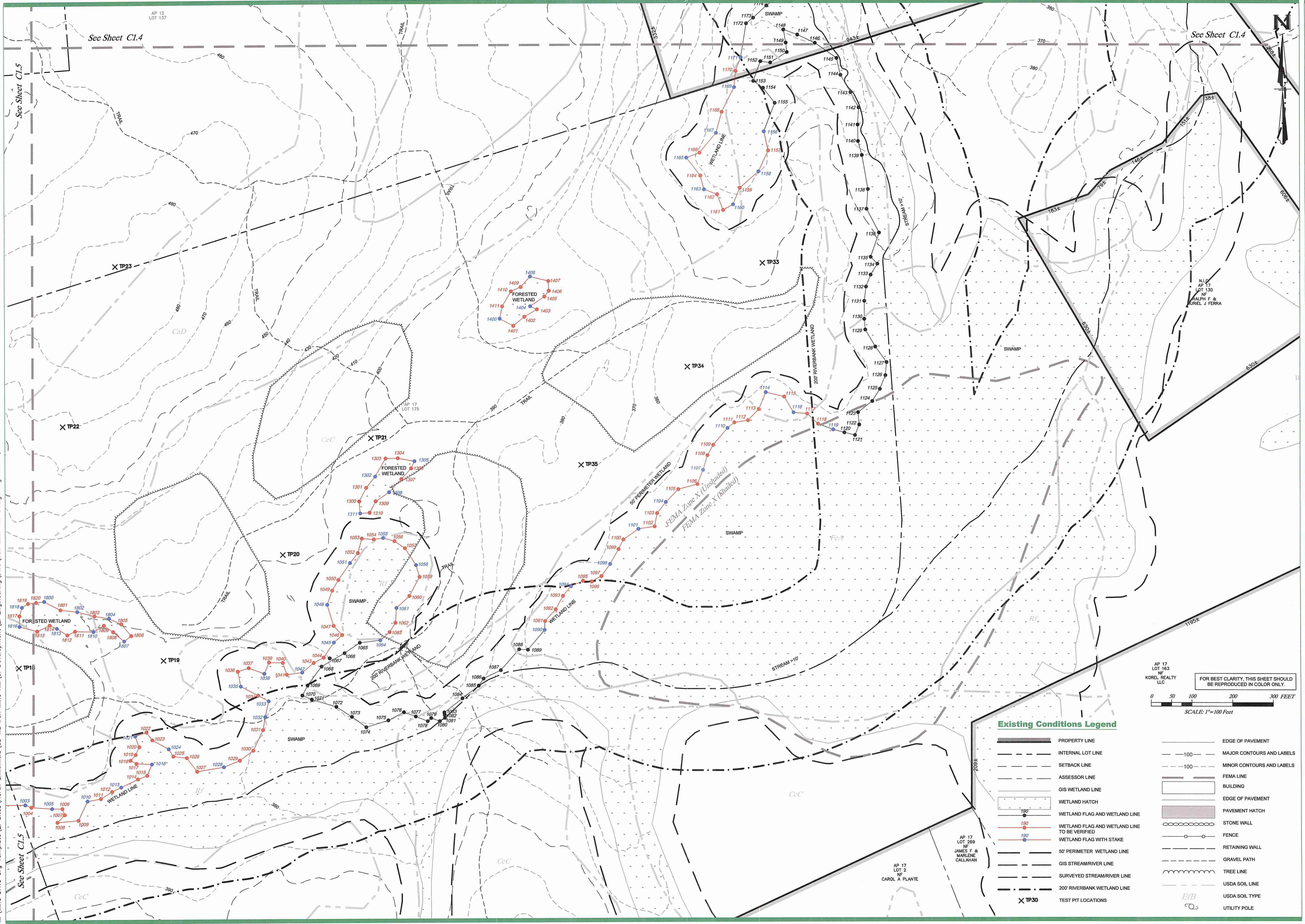
SHEET TITLE: **Enlarged Site Plan - 3**

PROJECT INFORMATION:  
**GDIM 1-9: Iron Mine Hill Road Solar**  
IRON MINE HILL ROAD, NORTH SMITHFIELD, RI 02896  
AP 12 LOTS 136B & 137, AP 13 LOTS 12 & 51  
AP 16 LOTS 6 & 97, & AP 17 LOT 175

KEVIN C. MORIN  
No. 1119206  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

SHEET NO.: **C1.5 OF 6**

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**Existing Conditions Legend**

- |  |  |  |                           |
|--|--|--|---------------------------|
|  | PROPERTY LINE                                |  | EDGE OF PAVEMENT          |
|  | INTERNAL LOT LINE                            |  | MAJOR CONTOURS AND LABELS |
|  | SETBACK LINE                                 |  | MINOR CONTOURS AND LABELS |
|  | ASSESSOR LINE                                |  | FEMA LINE                 |
|  | GIS WETLAND LINE                             |  | BUILDING                  |
|  | WETLAND HATCH                                |  | EDGE OF PAVEMENT          |
|  | WETLAND FLAG AND WETLAND LINE                |  | PAVEMENT HATCH            |
|  | WETLAND FLAG AND WETLAND LINE TO BE VERIFIED |  | STONE WALL                |
|  | WETLAND FLAG WITH STAKE                      |  | FENCE                     |
|  | 50' PERIMETER WETLAND LINE                   |  | RETAINING WALL            |
|  | GIS STREAM/RIVER LINE                        |  | GRAVEL PATH               |
|  | SURVEYED STREAM/RIVER LINE                   |  | TREE LINE                 |
|  | 200 RIVERBANK WETLAND LINE                   |  | USDA SOIL LINE            |
|  | TEST PIT LOCATIONS                           |  | USDA SOIL TYPE            |
|  |  |  | UTILITY POLE              |

AP 17 LOT 163  
KOREL REALTY LLC

FOR BEST CLARITY, THIS SHEET SHOULD BE REPRODUCED IN COLOR ONLY.

0 50 100 200 300 FEET

SCALE: 1"=100 FEET

3760 Quaker Lane  
North Kingstown, RI 02852  
(401) 295-4998  
www.green-r-i.com

**GREEN**  
development, LLC

OWNERS:  
1081 IRON MINE HILL ROAD, N SMITHFIELD, RI 02896  
AP 13, LOTS 12 & 51, AP 16, LOTS 6 & 97 AND AP 17, LOT 175

Ralph F & Muriel J Ferra  
Khan Faridoon Trust

5 KENNEDY BOULEVARD, LINCOLN, RI 02865  
AP 12, LOTS 136B & 137

PREPARED BY: Green Development, LLC  
3760 QUAKER LANE, NORTH KINGSTOWN, RI 02852

No.	DATE	REVISION	BY
1	11/19/2018	ISSUE WETLAND EDGE COMMENTS	

SHEET TITLE:  
**Enlarged Site Plan - 4**

PROJECT INFORMATION:  
**GDIM 1-9: Iron Mine Hill Road Solar**  
IRON MINE HILL ROAD, NORTH SMITHFIELD, RI 02896  
AP 12 LOTS 136B & 137, AP 13 LOTS 12 & 51  
AP 16 LOTS 6 & 97, & AP 17 LOT 175



SHEET NO.:  
**C1.6 OF 6**