

**SOILS MAP LEGEND:**

	SOIL TEST PIT		AREA FOR ROAD ALIGNMENT
	WETLAND AREA (PER STATE)		NCS SOIL BOUNDARY LINE
	SOIL TEST PIT (BY STATE)		CLASS 1 SOIL BOUNDARY LINE
	PEDON B/C/S		AREA RECOMMENDED FOR ROAD CONSTRUCTION (SEE SOIL REPORT)
	MPT TOWER		A 0-3%
	ROAD (EXISTING)		B 3-8%
	BRIDGE (EXISTING)		C 8-20%
	STREAM (EXISTING)		D 20%+
	CULVERT (EXISTING)		E 30%+ (NCS)

**LIMITS OF SOIL STUDY CORRIDOR**

**AREA FOR ROAD ALIGNMENT**

**NCS SOIL BOUNDARY LINE**

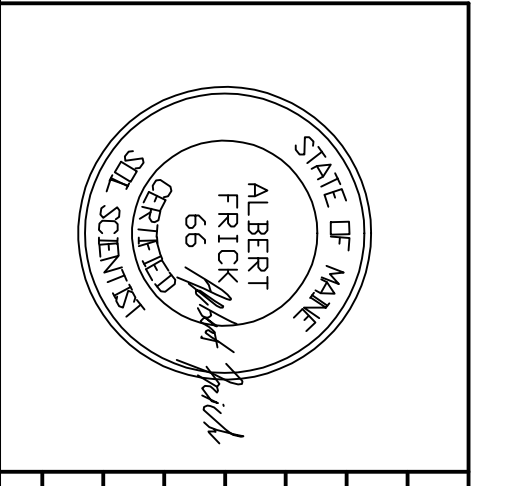
**CLASS 1 SOIL BOUNDARY LINE**

**AREA RECOMMENDED FOR ROAD CONSTRUCTION**

**SLOPE DESIGNATIONS**

**NOTE: SEE ACCOMPANYING SOIL NARRATIVE REPORT, DATED NOVEMBER, 2009**

THE ACCOMPANYING SOIL SURVEY (CLASS "1" IN THE AREA OF THE PROPOSED TOWER SITES AND PROPOSED ACCESS ROADS CLASS "2" IN THE AREA OF THE PROPOSED O&M BUILDING SITE, AND CLASS "D" MODIFIED FOR THE PROPOSED TRANSMISSION LINE.) SOIL PROFILE DESCRIPTIONS AND SOIL NARRATIVE REPORT WERE DONE IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE MAINE ASSOCIATION OF PROFESSIONAL SOIL SCIENTISTS, FEBRUARY 1995, AS AMENDED AND PREPARED BY ALBERT FRICK ASSOCIATES, SOIL SCIENTIST, SEALING THE PLANS AND REPORT.



DATE	REVISIONS:

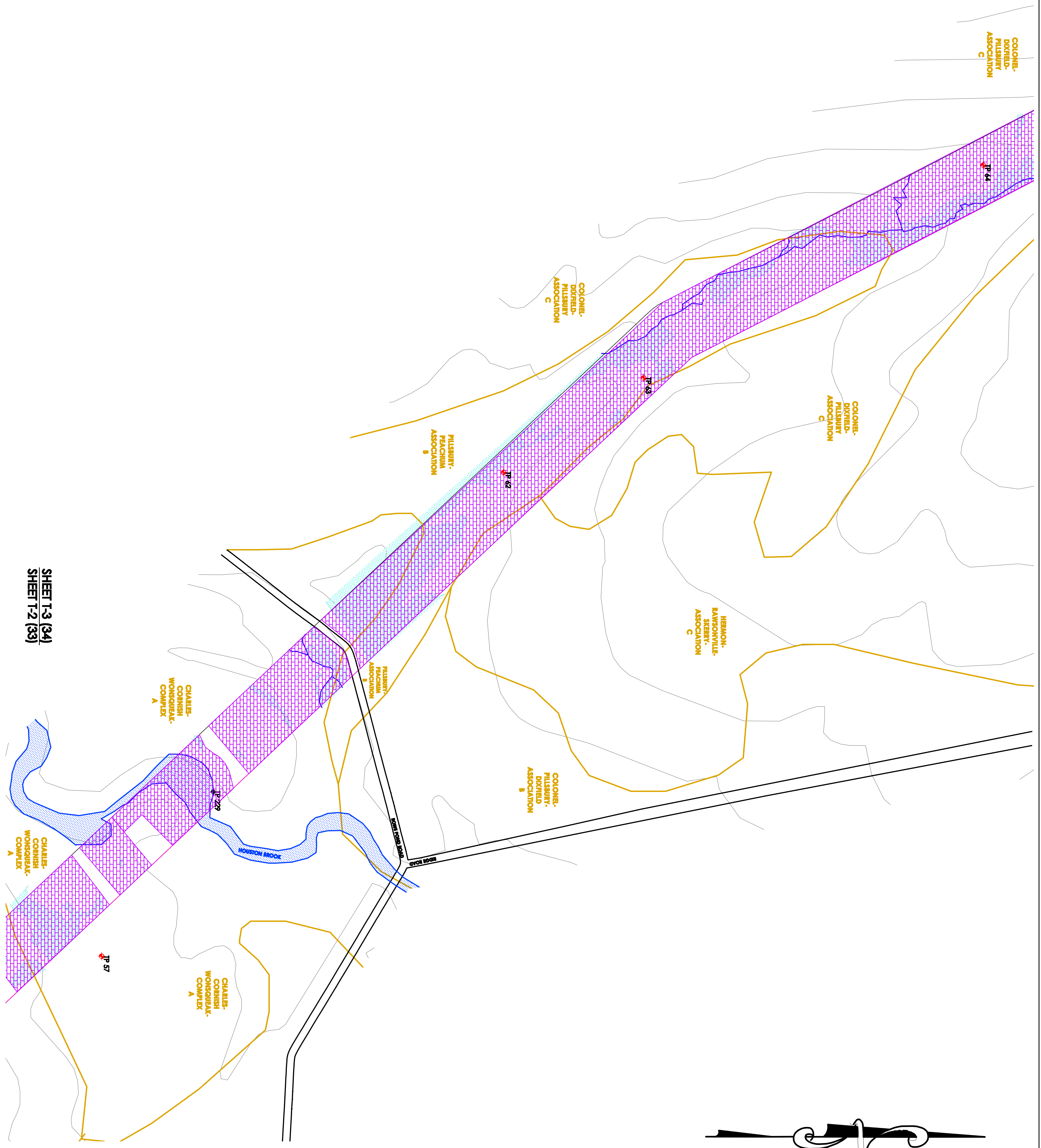
**SOILS MAP**  
**HIGHLAND WIND, LLC**  
**HIGHLAND WIND PROJECT**  
**HIGHLAND PLANTATION & PLEASANT HILL PLANTATION, ME**  
SHEET T-1 (32 of 40)

**Albert Frick Associates, Inc.**  
Soil Scientists & Site Evaluators  
Gorham, Maine 04038

Drawn by: **B.J.**  
Date: **10/14/09**

Checked by: **A.F.**  
Scale: **1" = 200'**

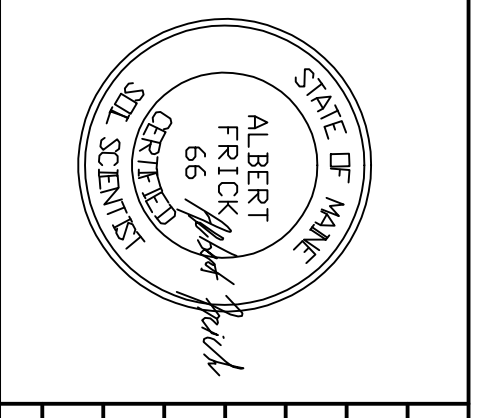




- SOILS MAP LEGEND:**
- SOIL TEST PIT
  - WETLAND AREA (PER STATE)
  - SOIL TEST PIT (BY STATE)
  - PEDON OR PROFILE
  - METER TOWER
  - ROADS, ROAD (EXISTING)
  - BRIDGE (EXISTING)
  - STREAM (EXISTING)
  - CULVERT (EXISTING)
  - AREA OF ROADWAY
  - AREA OF ROADWAY (OPEN)
  - AREA OF ROADWAY (PERCHED)
  - AREA OF ROADWAY (HEAVY PRECIPITATION)
  - LIMIT OF SOIL STUDY CORRIDOR
  - AREA FOR ROAD ALIGNMENT
  - NCS SOIL BOUNDARY LINE
  - NCS SOIL NAME
  - CLASS 1 SOIL BOUNDARY LINE
  - CLASS 1 SOIL NAME
  - SLOPE DESIGNATION A
  - SLOPE DESIGNATION B
  - SLOPE DESIGNATION C
  - SLOPE DESIGNATION D
  - SLOPE DESIGNATION E

**NOTE: SEE ACCOMPANYING SOIL NARRATIVE REPORT, DATED NOVEMBER, 2009.**

THE ACCOMPANYING SOIL SURVEY (CLASS "1" IN THE AREA OF THE PROPOSED THERMITE SITES AND PROPOSED ACCESS ROADS CLASS "2" IN THE AREA OF THE PROPOSED OAK BUILDING SITE, AND CLASS "D" MODIFIED FOR THE PROPOSED TRANSMISSION LINE) SOIL PROFILE DESCRIPTIONS AND SOIL NARRATIVE REPORT WERE DONE IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE MAINE ASSOCIATION OF PROFESSIONAL SOIL SCIENTISTS, FEBRUARY 1995, AS AMENDED AND PREPARED BY ALBERT FRICK ASSOCIATES, SOIL SCIENTIST, SEALING THE PLANS AND REPORT.



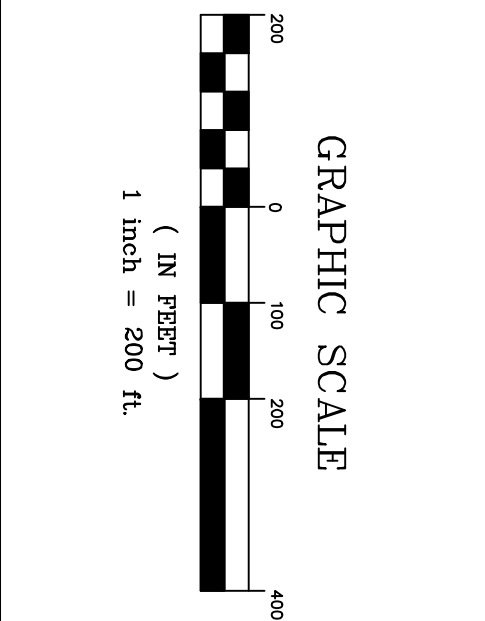
DATE	REVISIONS:

**SOILS MAP**  
**HIGHLAND WIND, LLC**  
**HIGHLAND WIND PROJECT**  
**HIGHLAND PLANTATION & PLEASANT HILL PLANTATION, ME**  
SHEET T-3 (34 of 40)

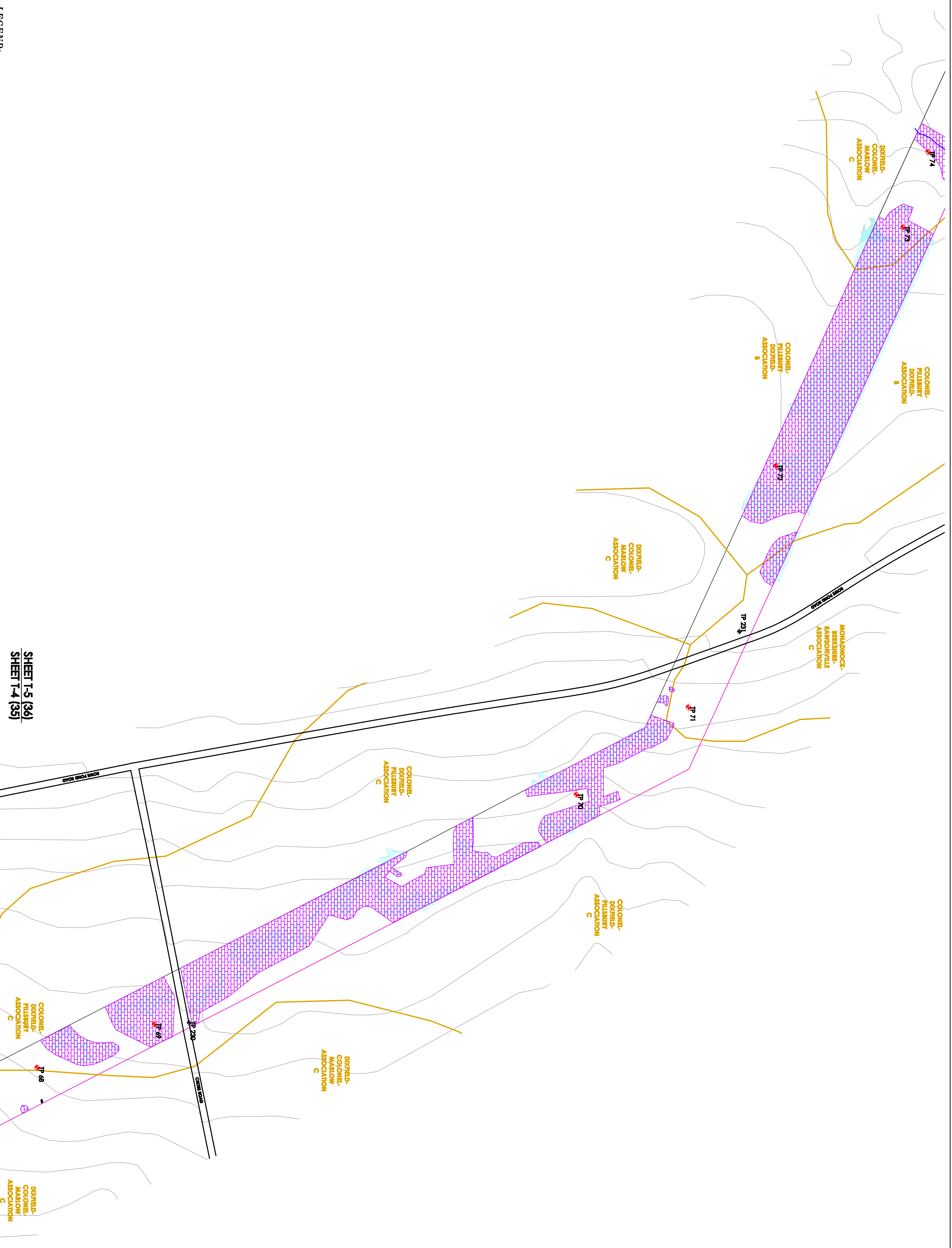
**Albert Frick Associates, Inc.**  
Soil Scientists & Site Evaluators  
Gorham, Maine 04038

Drawn by: **B.J.**  
Date: **10/14/09**

Checked by: **A.F.**  
Scale: **1" = 200'**







- SOILS MAP LEGEND:**
- SOIL TEST PIT
  - WETLAND AREA (BY STATE)
  - SOIL TEST PIT (BY STATE)
  - PEDON PROFILE
  - MFT TOWER
  - ROAD, ROAD (EXISTING)
  - STREAM, STREAM (EXISTING)
  - CULVERT, CULVERT (EXISTING)
  - LIMITS OF SOIL STUDY CORRIDOR
  - AREA FOR ROAD ALIGNMENT
  - NCS SOIL BOUNDARY LINE
  - CLASS 1 SOIL BOUNDARY LINE
  - AREA RECOMMENDED FOR ROAD CONSTRUCTION
  - SOIL AREA IN TRANSMISSION LINE CORRIDOR WITH EXISTING EITHER SOMEWHAT POORLY DEVELOPED OR POORLY DEVELOPED SOILS, OR WITH SOILS WHERE SPECIAL CONSIDERATION FOR SOILS DURING PROPOSED CONSTRUCTION IS DONE DURING SOILS INVESTIGATION (SEE SOILS INVESTIGATION BOX OF RECOMMENDED TECHNIQUES)
- SOIL TEST PIT**
- WETLAND AREA (BY STATE)**
- SOIL TEST PIT (BY STATE)**
- PEDON PROFILE**
- MFT TOWER**
- ROAD, ROAD (EXISTING)**
- STREAM, STREAM (EXISTING)**
- CULVERT, CULVERT (EXISTING)**
- LIMITS OF SOIL STUDY CORRIDOR**
- AREA FOR ROAD ALIGNMENT**
- NCS SOIL BOUNDARY LINE**
- CLASS 1 SOIL BOUNDARY LINE**
- AREA RECOMMENDED FOR ROAD CONSTRUCTION**
- SOIL AREA IN TRANSMISSION LINE CORRIDOR WITH EXISTING EITHER SOMEWHAT POORLY DEVELOPED OR POORLY DEVELOPED SOILS, OR WITH SOILS WHERE SPECIAL CONSIDERATION FOR SOILS DURING PROPOSED CONSTRUCTION IS DONE DURING SOILS INVESTIGATION (SEE SOILS INVESTIGATION BOX OF RECOMMENDED TECHNIQUES)**
- SLOPE DESIGNATIONS**
- |   |             |
|---|-------------|
| A | 0-3%        |
| B | 3-8%        |
| C | 8-20%       |
| D | 20%+        |
| E | SOIL+ (NCS) |

**NOTE: SEE ACCOMPANYING SOIL NARRATIVE REPORT, DATED NOVEMBER, 2009**

THE ACCOMPANYING SOIL SURVEY (CLASS "1" IN THE AREA OF THE PROPOSED TOWER SITES AND PROPOSED ACCESS ROADS CLASS "2" IN THE AREA OF THE PROPOSED OAK BUILDING SITE, AND CLASS "D" MODIFIED FOR THE PROPOSED TRANSMISSION LINE) SOIL PROFILE DESCRIPTIONS AND SOIL NARRATIVE REPORT WERE DONE IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE MAINE ASSOCIATION OF PROFESSIONAL SOIL SCIENTISTS, FEBRUARY 1995, AS AMENDED AND PREPARED BY ALBERT FRICK ASSOCIATES, SOIL SCIENTIST, SEALING THE PLANS AND REPORT.

SHEET T-5 (36)  
SHEET T-4 (35)

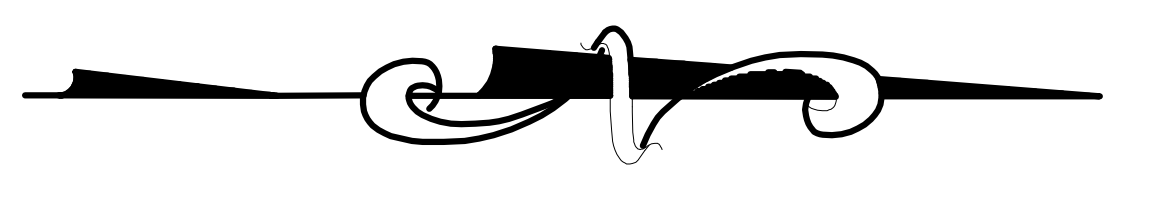
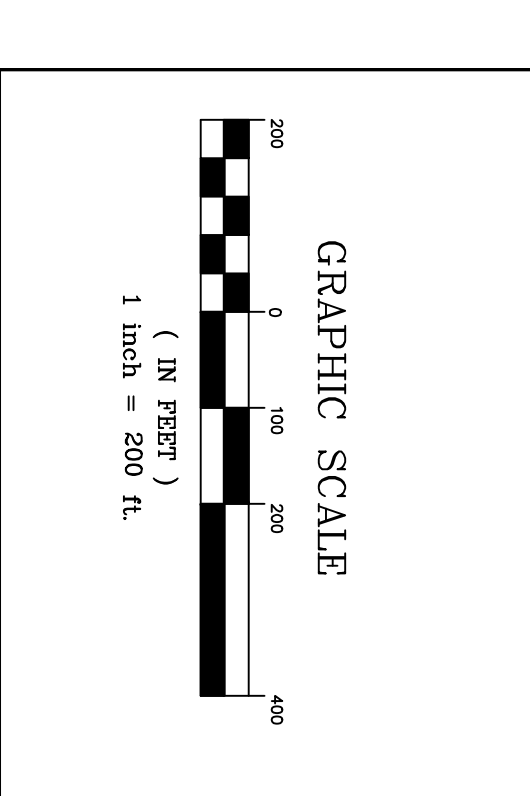
DATE	REVISIONS:

**SOILS MAP**  
**HIGHLAND WIND, LLC**  
**HIGHLAND WIND PROJECT**  
**HIGHLAND PLANTATION & PLEASANT HILL PLANTATION, ME**  
SHEET T-5 (36 of 40)

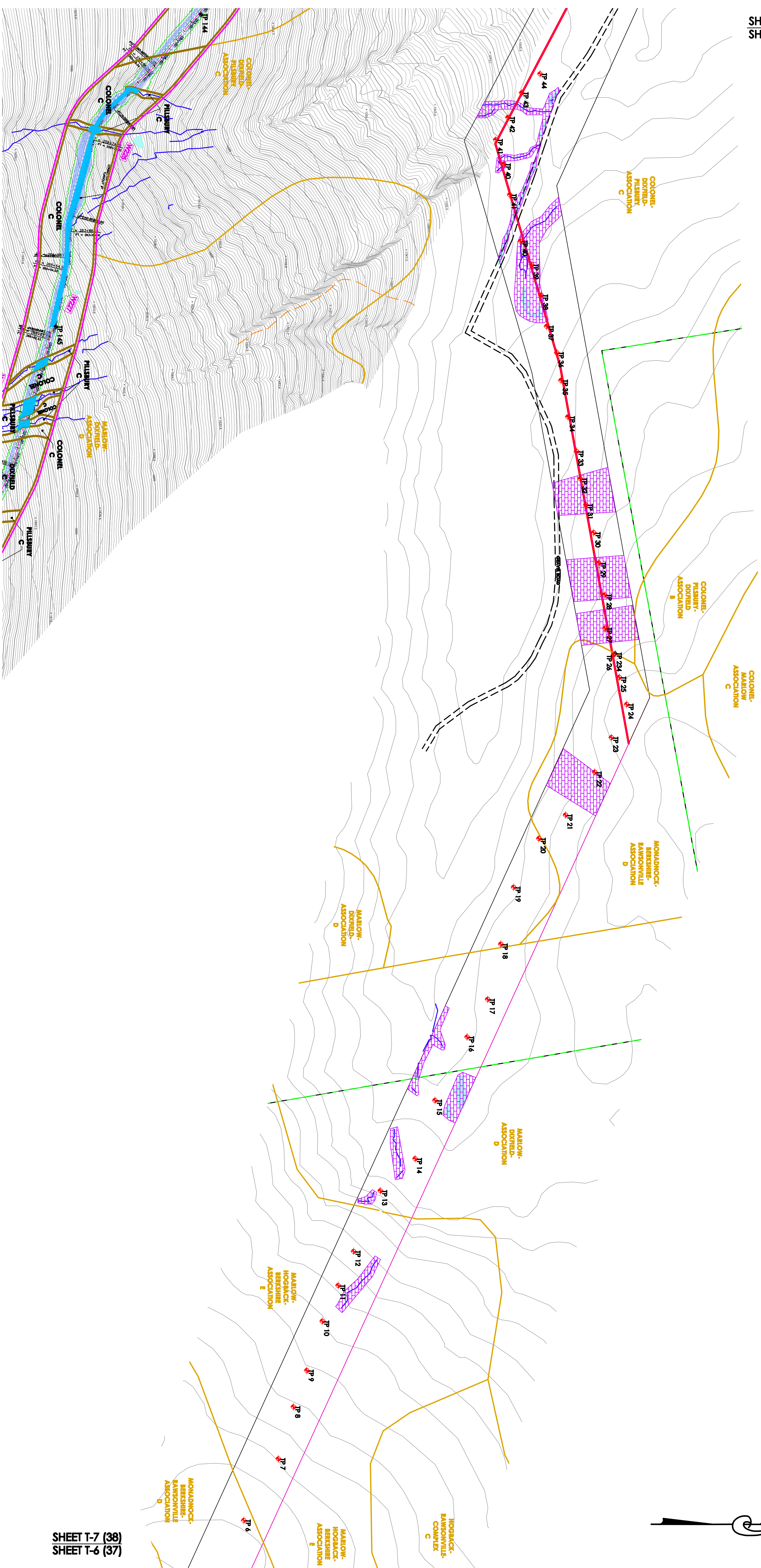
**Albert Frick Associates, Inc.**  
Soil Scientists & Site Evaluators  
Gorham, Maine 04038

Drawn By: **B.J.**  
Date: **10/14/09**

Checked By: **A.F.**  
Scale: **1" = 200'**



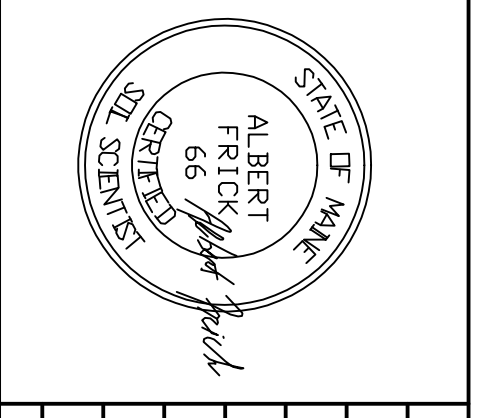




- SOILS MAP LEGEND:**
- SOIL TEST PIT
  - SOIL TEST AREA
  - WETLAND AREA
  - PEDON D/C (C.S.)
  - MPT TOWER
  - ROAD (EXISTING)
  - STREAM (EXISTING)
  - TRAIL (EXISTING)
  - CULVERT (EXISTING)
  - LIMITS OF SOIL STUDY CORRIDOR
  - AREA FOR ROAD ALIGNMENT
  - NCS SOIL BOUNDARY LINE
  - CLASS 1 SOIL NAME
  - CLASS 1 SOIL BOUNDARY LINE
  - ABA RECOMMENDED AREA OF ROADWAY
  - PROPOSED CONSTRUCTION
  - SLOPE DESIGNATIONS
  - 
  - 
  - 
  -

**NOTE: SEE ACCOMPANYING SOIL NARRATIVE REPORT, DATED NOVEMBER, 2009**

THE ACCOMPANYING SOIL SURVEY CLASS "1" IN THE AREA OF THE PROPOSED TOWER SITES AND PROPOSED ACCESS ROADS CLASS "1" IN THE AREA OF THE PROPOSED OAK BUILDING SITE, AND CLASS "D" MODIFIED FOR THE PROPOSED TRANSMISSION LINE) SOIL PROFILE DESCRIPTIONS AND SOIL NARRATIVE REPORT WERE DONE IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE MAINE ASSOCIATION OF PROFESSIONAL SOIL SCIENTISTS, FEBRUARY 1995, AS AMENDED AND PREPARED BY ALBERT FRICK ASSOCIATES, SOIL SCIENTIST, SEALING THE PLANS AND REPORT.



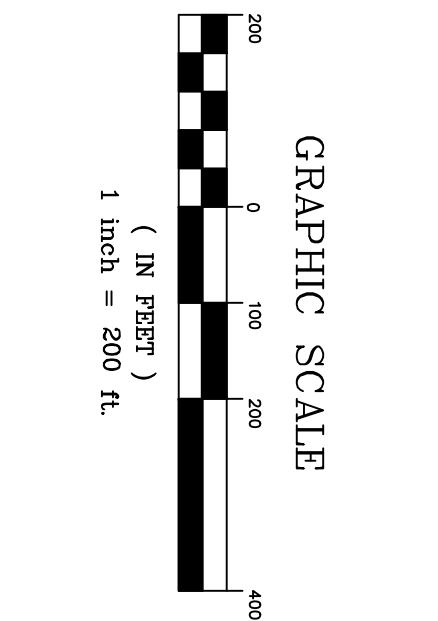
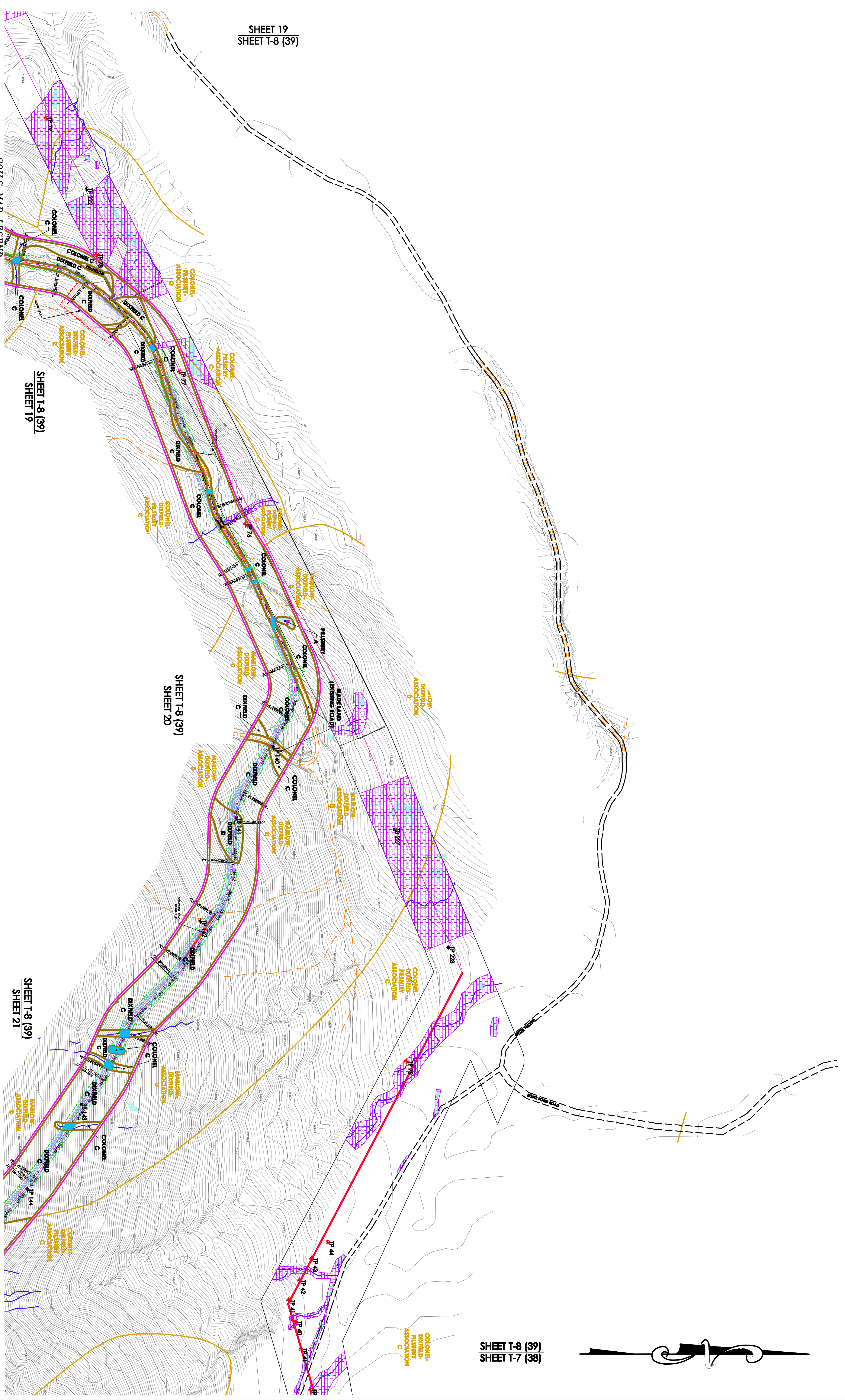
DATE	REVISIONS:

**SOILS MAP**  
**HIGHLAND WIND, LLC**  
**HIGHLAND WIND PROJECT**  
**HIGHLAND PLANTATION & PLEASANT HILL PLANTATION, ME**  
SHEET T-7 (38 of 40)

**Albert Frick Associates, Inc.**  
Soil Scientists & Site Evaluators  
Gorham, Maine 04038

Drawn by: **B.J.**  
Date: **10/14/09**

Checked by: **A.F.**  
Scale: **1" = 200'**



- SOILS MAP LEGEND:**
- SOIL TEST PIT
  - WETLAND AREA (PER STATE)
  - SOIL TEST PIT (BY STATE)
  - PEDON D (C.S.)
  - MFT TOWER
  - ROAD (EXISTING)
  - STREAM (EXISTING)
  - CULVERT (EXISTING)
  - DIKE FIELD
  - CLASS 1 SOIL BOUNDARY LINE
  - AREA RECOMMENDED FOR ROAD CONSTRUCTION
  - AREA RECOMMENDED FOR ROAD CONSTRUCTION (SLOPE)
- LIMITS OF SOIL STUDY CORRIDOR**
- AREA FOR ROAD ALIGNMENT
  - NCS SOIL BOUNDARY LINE
  - CLASS 1 SOIL BOUNDARY LINE
- SOIL AREA IN TRANSMISSION LINE CORRIDOR**
- SOIL AREA IN TRANSMISSION LINE CORRIDOR
- SLOPE DESIGNATIONS**
- |   |            |
|---|------------|
| A | 0 - 3%     |
| B | 3 - 8%     |
| C | 8 - 20%    |
| D | 20%+       |
| E | SOIL (NCS) |

**NOTE: SEE ACCOMPANYING SOIL NARRATIVE REPORT, DATED NOVEMBER, 2009.**

THE ACCOMPANYING SOIL SURVEY (CLASS "1" IN THE AREA OF THE PROPOSED TOWER SITES AND PROPOSED ACCESS ROADS CLASS "2" IN THE AREA OF THE PROPOSED OAK BUILDING SITE, AND CLASS "D" MODIFIED FOR THE PROPOSED TRANSMISSION LINE) SOIL PROFILE DESCRIPTIONS AND SOIL NARRATIVE REPORT WERE DONE IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE MAINE ASSOCIATION OF PROFESSIONAL SOIL SCIENTISTS, FEBRUARY 1995, AS AMENDED AND PREPARED BY ALBERT FRICK ASSOCIATES, SOIL SCIENTIST, SEALING THE PLANS AND REPORT.



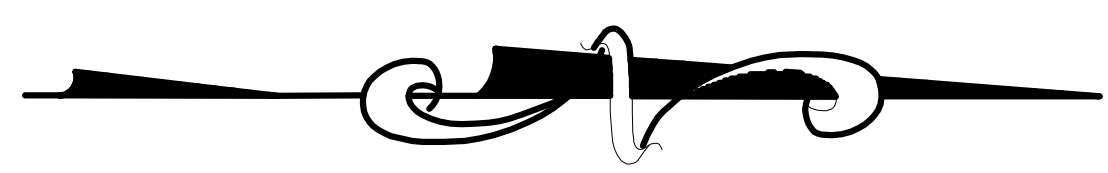
DATE	REVISIONS:

**SOILS MAP**  
**HIGHLAND WIND, LLC**  
**HIGHLAND WIND PROJECT**  
**HIGHLAND HILL PLANTATION & PLEASANT HILL PLANTATION, ME**  
SHEET T-8 (39 of 40)

**Albert Frick Associates, Inc.**  
Soil Scientists & Site Evaluators  
Gorham, Maine 04038

Drawn by: **B.J.**  
Date: **10/14/09**

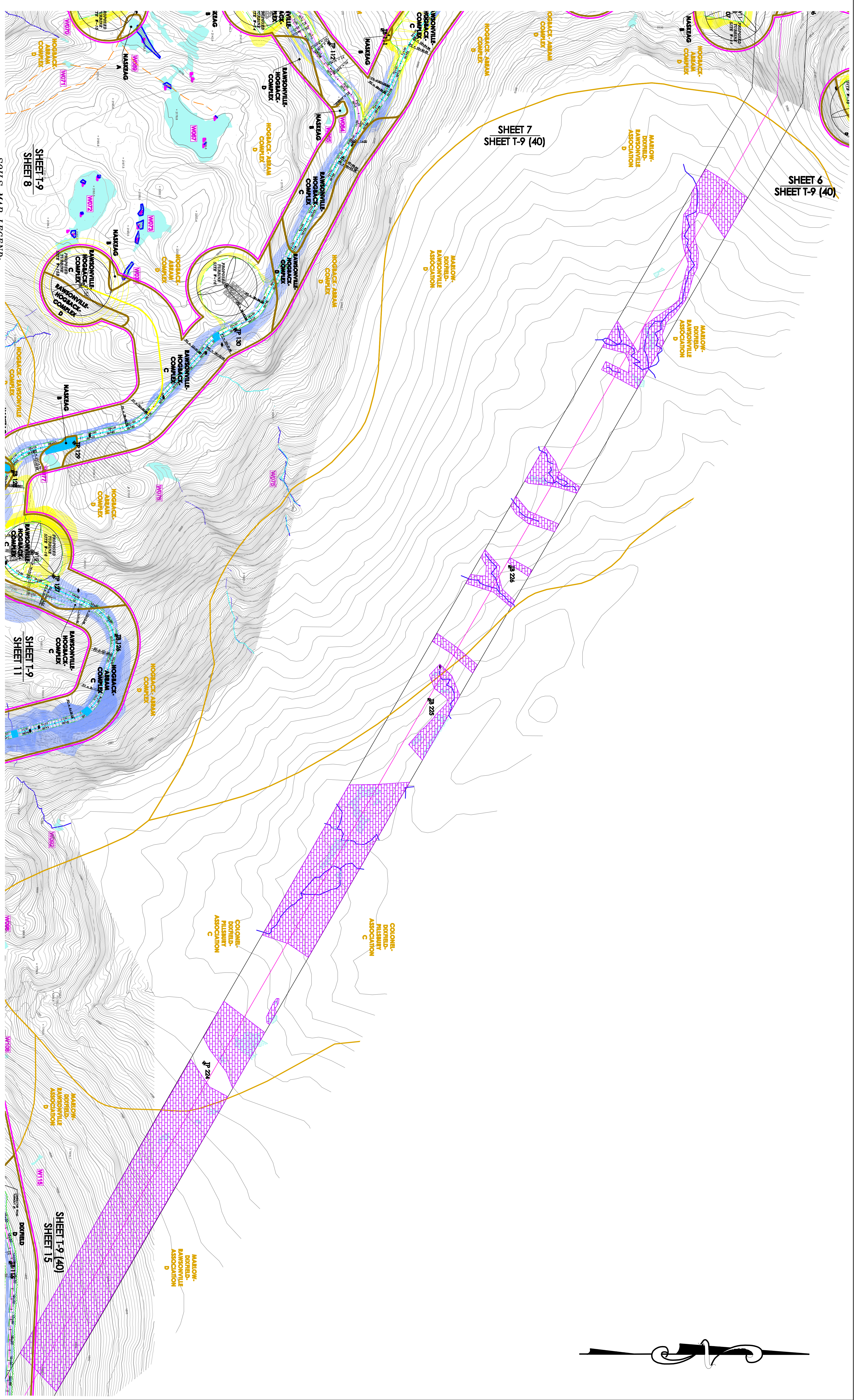
Checked by: **A.F.**  
Scale: **1" = 200'**





SHEET 6  
SHEET T-9 (40)

SHEET 7  
SHEET T-9 (40)

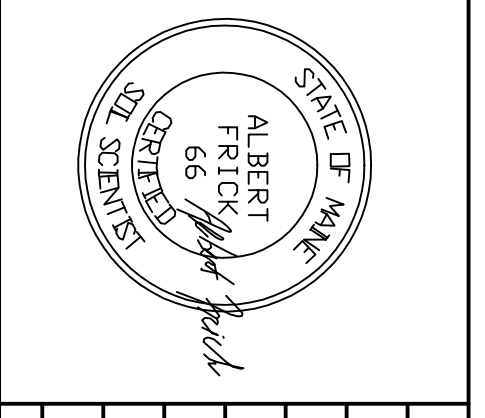


**SOILS MAP LEGEND:**

- SOIL TEST PIT
- WETLAND AREA (UNSATURATED)
- SOIL TEST PIT (AT SHALLOW)
- PEDIMENT OUTCROP
- MT. TOWER
- ROAD, ROAD (EXISTING)
- STREAM (EXISTING)
- TRAIL (EXISTING)
- CULVERT (EXISTING)
- LIMITS OF SOIL STUDY CORRIDOR
- AREA FOR ROAD ALIGNMENT
- NCSS SOIL BOUNDARY LINE
- CLASS 1 SOIL BOUNDARY LINE
- AREA RECOMMENDED FOR CONSTRUCTION
- SLOPE DESIGNATION A
- SLOPE DESIGNATION B
- SLOPE DESIGNATION C
- SLOPE DESIGNATION D
- SLOPE DESIGNATION E

SOIL AREA IN TRANSMISSION LINE CORRIDOR  
 SOIL AREA IN TRANSMISSION LINE CORRIDOR  
 SOIL AREA IN TRANSMISSION LINE CORRIDOR

NOTE: SEE ACCOMPANYING SOIL NARRATIVE REPORT,  
 DATED NOVEMBER, 2009



DATE	REVISIONS:

**SOILS MAP**  
**HIGHLAND WIND, LLC**  
**HIGHLAND WIND PROJECT**  
**HIGHLAND PLANTATION & PLEASANT HILL PLANTATION, ME**  
 SHEET T-9 (40 of 40)

**Albert Frick Associates, Inc.**  
 Soil Scientists & Site Evaluators  
 Gorham, Maine 04038

Drawn by: **B.J.**  
 Date: **10/14/09**

Checked by: **A.F.**  
 Scale: **1" = 200'**