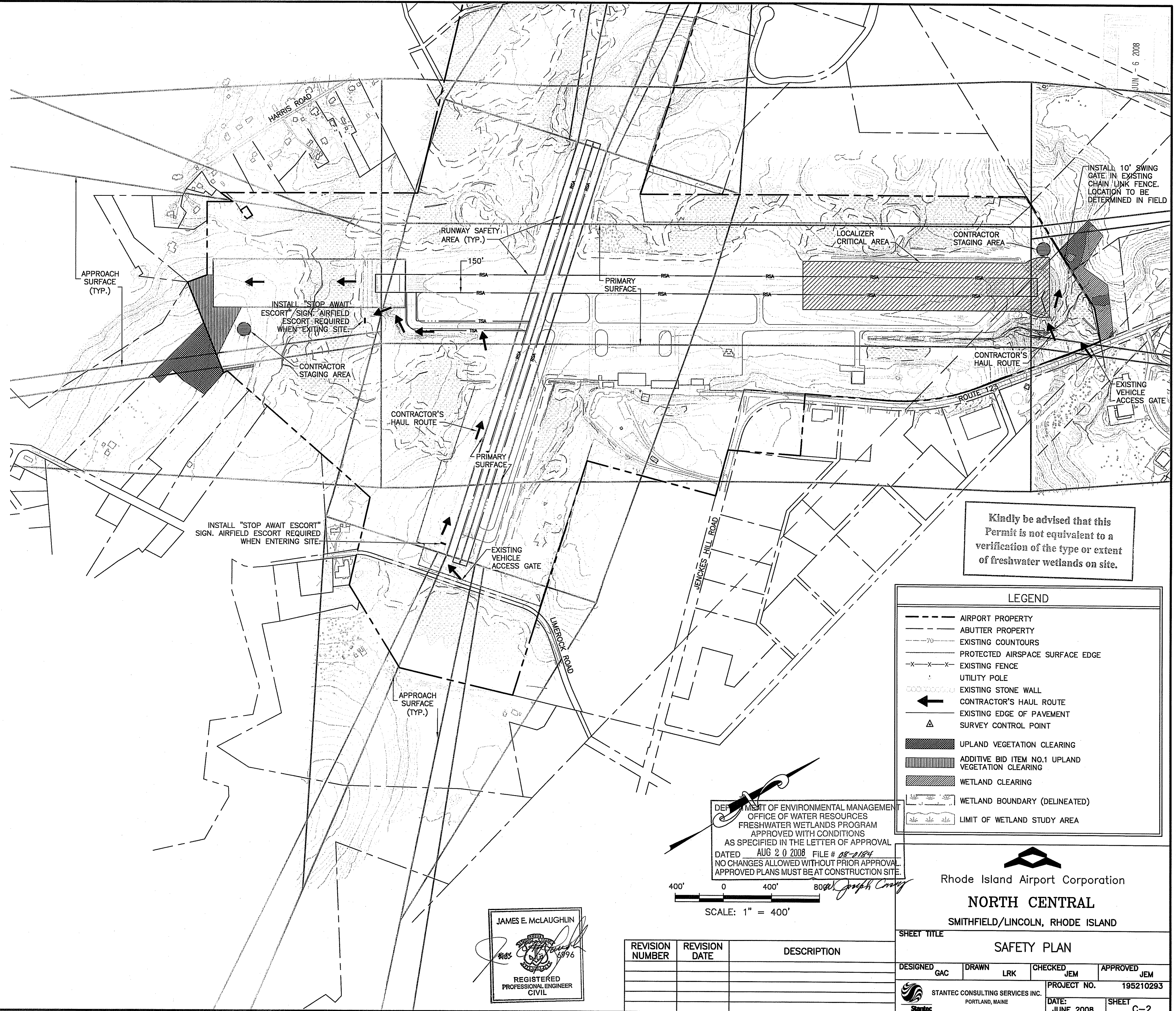


SAFETY NOTES:

1. AIRCRAFT OPERATIONAL AREAS (AOAs) & RUNWAY SAFETY AREAS (RSAs): ALL EQUIPMENT AND PERSONNEL SHALL REMAIN OUTSIDE THE DESIGNATED AOAs AND RSAs UNLESS SPECIFIC APPROVAL HAS BEEN OBTAINED FROM THE AIRPORT MANAGER AND THE ENGINEER. FOR RUNWAYS, THE AOA IS 200 FEET EITHER SIDE OF THE RUNWAY CENTERLINE AND FOR TAXIWAYS, THE AOA IS 60 FEET EITHER SIDE OF TAXIWAY CENTERLINE. REFERENCE IS HEREBY MADE TO THE CONTRACT SPECIFICATIONS AND FAA ADVISORY CIRCULAR 150/5370-2E, "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION", WHICH CONTAIN SPECIFIC SAFETY REQUIREMENTS. THE RSAs ARE SHOWN ON THE PLANS. VEHICLES AND EQUIPMENT SHALL NOT BE LEFT UNATTENDED AT ANY TIME WITHIN THE AOAs or RSAs, WHETHER THE AIRPORT IS OPEN OR CLOSED TO AIRCRAFT TRAFFIC.
2. NOTICES TO AIRMEN (NOTAMS): NOTAMS SHALL BE ISSUED AS NEEDED BY THE AIRPORT MANAGER AFTER COORDINATING WITH THE RESIDENT ENGINEER. NOTAMS SHALL BE ISSUED FOR RUNWAY AND TAXIWAY CLOSURES, TEMPORARY RELOCATED THRESHOLDS, AND FOR CONSTRUCTION ON AIRPORT PROPERTY.
3. A MINIMUM OF 2 RADIO EQUIPPED CONSTRUCTION SAFETY VEHICLES MANNED WITH QUALIFIED/BADGED ESCORT PERSONNEL SHALL BE PROVIDED BY THE CONTRACTOR WHEN SCHEDULED ACTIVITIES REQUIRE CONSTRUCTION EQUIPMENT ACCESS TO CROSS TAXIWAYS OR OTHER AREAS AS DETERMINED BY THE SFZ OPERATIONS AND/OR THE ENGINEER. CONTRACTOR'S ESCORT PERSONNEL SHALL BE REQUIRED TO MEET ALL SFZ SAFETY AND SECURITY REQUIREMENTS AND SHALL MAINTAIN PROPER RADIO PROTOCOL. THE CONTRACTOR SHALL PROVIDE ALL APPROVED VEHICLES, RADIOS, EQUIPMENT, PERSONNEL AND TRAINING FOR THIS PURPOSE. ALL AUTHORIZED ESCORT VEHICLES SHALL DISPLAY AN ORANGE/WHITE CHECKERED FLAG, MUST HAVE AN AMBER BEACON LIGHT ATTACHED TO THE ROOF AND BE CLEARLY IDENTIFIED BY EITHER ASSIGNED INITIALS OR NUMBERS PROMINENTLY DISPLAYED ON EACH SIDE OF VEHICLE.
4. NO MORE THAN THREE VEHICLES MAY BE ESCORTED AT ONE TIME BY AN AUTHORIZED ESCORT. ALL VEHICLES/EQUIPMENT ACCESSING OR OPERATING ON THE AIRFIELD MUST BE CLEARLY MARKED AND DISPLAY AN ORANGE/WHITE CHECKERED FLAG OR AN AMBER BEACON LIGHT IN ACCORDANCE WITH FAA AC 150/5210-5B WHEN OPERATING WITHIN AOAs.
5. BADGED ESCORTS ARE REQUIRED TO CARRY AN UPDATED LIST OF THOSE WORKERS OR CONSULTANTS BEING ESCORTED ON THE PROJECT/AIRFIELD AND SHALL ALWAYS HAVE ESCORTED PERSONNEL WITHIN SIGHT AND CLOSE PROXIMITY (300' OR LESS) AT ALL TIMES.
6. WORK AREA SAFETY SIGNAGE SHALL BE LOCATED AT THE WORK AREA EXIT POINTS. THERE SHALL BE NO SEPARATE PAYMENT FOR PROVIDING THESE SIGNS, SEE DETAIL THIS SHEET.
7. RUNWAY AND TAXIWAY CROSSINGS: THE CROSSING OF ACTIVE RUNWAYS SHALL NOT BE PERMITTED AT ANY TIME. ALL CROSSINGS OF ACTIVE TAXIWAYS OR AIRCRAFT APRONS BY CONTRACTOR VEHICLES SHALL BE CAREFULLY CONDUCTED BY AN ESCORT/FLAG PERSON, EQUIPPED WITH A RADIO CAPABLE OF OPERATING ON THE AIRPORT'S FREQUENCY.
8. SAFETY BARRICADES: DURING THE COURSE OF THE PROJECT, IT SHALL BE NECESSARY TO PROVIDE, PLACE, AND REMOVE SAFETY BARRICADES AS DIRECTED.
9. THE CONTRACTOR SHALL CONTINUOUSLY SWEEP ALL PAVEMENTS WITHIN THE AIRFIELD HAUL ROUTES TO REMOVE ALL DEBRIS AS REQUIRED AND/OR AS DIRECTED BY THE ENGINEER OR SFZ OPERATIONS.
10. DUST CONTROL MEASURES SHALL BE TAKEN BY THE CONTRACTOR AS NECESSARY TO ENSURE THAT NO DUST IS ALLOWED TO DRIFT INTO ACTIVE AIRPORT OPERATING AREAS OR CAUSE AN ANNOYANCE TO AIRPORT PROPERTY ABUTTERS OR GENERAL PUBLIC.
11. STOCKPILED MATERIAL SHALL BE LOCATED WITHIN THE DESIGNATED CONTRACTORS STAGING AREAS.
12. AT THE END OF EACH WORK SHIFT THE CONTRACTOR SHALL REQUEST AN INSPECTION OF THE WORK AREA BY THE ENGINEER AND SFZ OPERATIONS. THE CONTRACTOR SHALL CORRECT ANY HAZARDS WHICH MAY PRESENT A SAFETY CONCERN TO AIRCRAFT, VEHICLES OR PERSONS AS DETERMINED BY THE ENGINEER AND SFZ OPERATIONS.
13. THE CONTRACTOR SHALL MAKE ALL CONSTRUCTION PERSONNEL AWARE OF SAFETY REQUIREMENTS AND THE DANGERS OF WORKING ADJACENT TO ACTIVE AIRCRAFT OPERATIONAL AREAS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
14. PRIOR TO THE COMMENCEMENT OF THE PROJECT, THE CONTRACTOR'S PERSONNEL SHALL ATTEND A FOREIGN OBJECT DEBRIS (FOD) BRIEFING PRESENTED BY SFZ OPERATIONS. ALL ATTENDEES WILL BE REQUIRED TO UNDERSTAND AND COMPLY WITH SFZ SAFETY AND SECURITY REQUIREMENTS.
15. THE CONTRACTOR'S PERSONNEL, EQUIPMENT AND TRUCKS SHALL GIVE WAY TO ALL MOVING AIRCRAFT AND EMERGENCY VEHICLES AT ALL TIMES.
16. IN THE EVENT OF AN EMERGENCY THE CONTRACTOR SHALL GIVE WAY TO ALL EMERGENCY RESPONSE EQUIPMENT AND PERSONNEL.
17. IN THE EVENT OF A CONSTRUCTION ACCIDENT THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND SFZ OPERATIONS FOR DISPATCH OF EMERGENCY PERSONNEL TO THE ACCIDENT SCENE.
18. AT NO TIME WILL CONTRACTOR VEHICLES OR EQUIPMENT BE ALLOWED TO PARK WITHIN OR TRAVEL THROUGH THE LOCALIZER CRITICAL AREA UNLESS SPECIFIC APPROVAL HAS BEEN OBTAINED FROM THE ENGINEER AND SFZ OPERATORS.
19. RUNWAY AVAILABILITY: UNLESS SPECIFICALLY APPROVED OTHERWISE BY THE ENGINEER, RUNWAYS SHALL BE MADE AVAILABLE AND OPENED TO AIRCRAFT TRAFFIC AT ALL TIMES. THE CONTRACTOR SHALL BACKFILL AND LEVEL ALL EXCAVATIONS, WHEEL RUTS IN EXCESS OF TWO (2) INCHES DEEP WITHIN THE AOA AT THE END OF EACH DAY. THE CONTRACTOR SHALL BE PREPARED TO ADJUST HIS SCHEDULE TO MEET OPERATIONAL NEEDS OF THE AIRPORT AND TO REMOVE PERSONNEL AND EQUIPMENT FROM THE WORK AREAS IF REQUESTED BY THE AIRPORT MANAGER.



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LEGEND	
	AIRPORT PROPERTY
	ABUTTER PROPERTY
	EXISTING COUNTOURS
	PROTECTED AIRSPACE SURFACE EDGE
	EXISTING FENCE
	UTILITY POLE
	EXISTING STONE WALL
	CONTRACTOR'S HAUL ROUTE
	EXISTING EDGE OF PAVEMENT
	SURVEY CONTROL POINT
	UPLAND VEGETATION CLEARING
	ADDITIVE BID ITEM NO.1 UPLAND VEGETATION CLEARING
	WETLAND CLEARING
	WETLAND BOUNDARY (DELINEATED)
	LIMIT OF WETLAND STUDY AREA

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED AUG 20 2008 FILE # 08-0184
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

SCALE: 1" = 400'

JAMES E. McLAUGHLIN

STOP AWAIT ESCORT
 ORANGE BACKGROUND
 BLACK LETTERS (MIN. 8" HIGH)
WORK AREA SAFETY SIGNAGE
 NOT TO SCALE

REVISION NUMBER	REVISION DATE	DESCRIPTION

Rhode Island Airport Corporation
NORTH CENTRAL
 SMITHFIELD/LINCOLN, RHODE ISLAND

SHEET TITLE: **SAFETY PLAN**

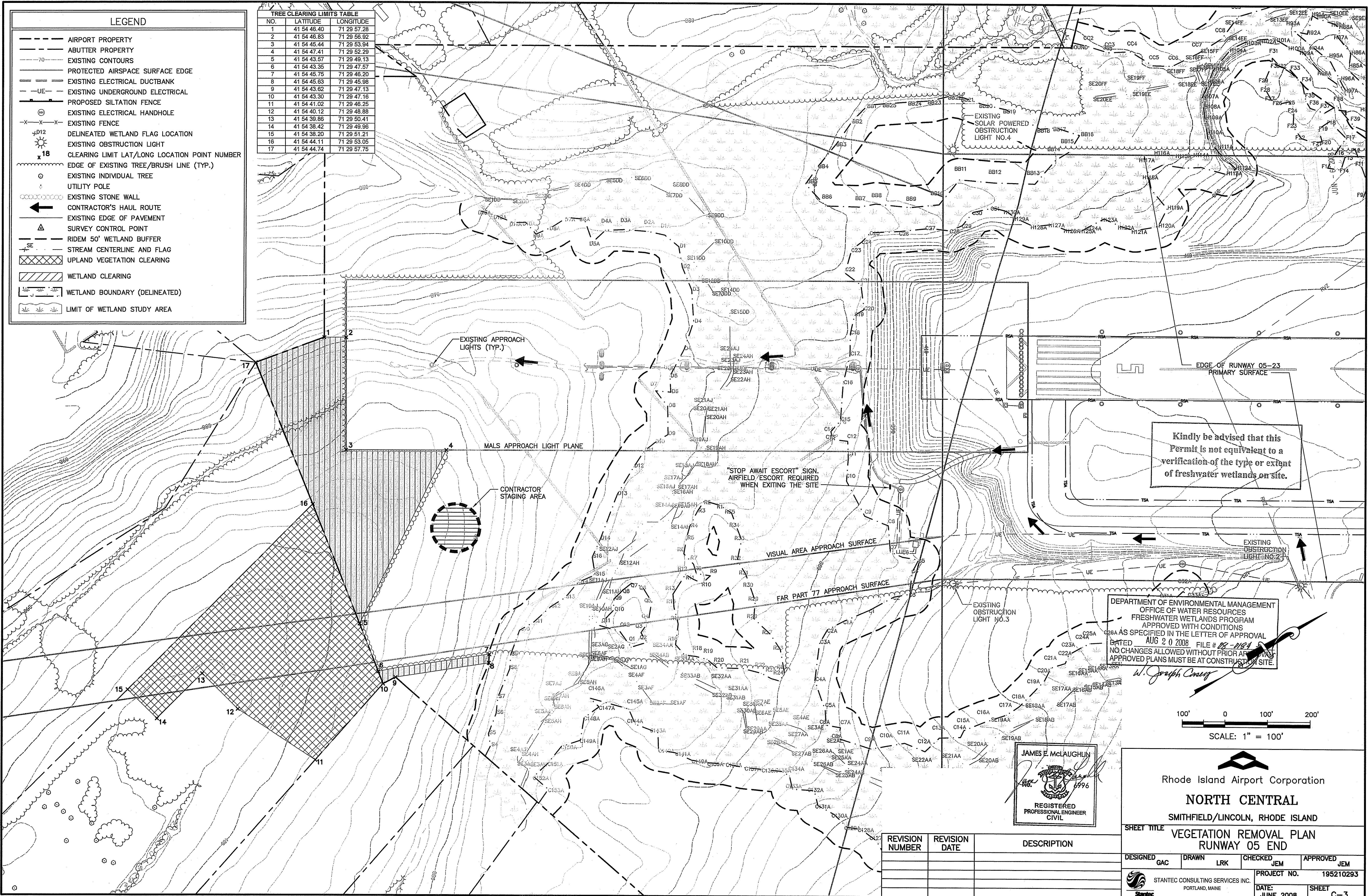
DESIGNED: GAC	DRAWN: LRK	CHECKED: JEM	APPROVED: JEM
STANTEC CONSULTING SERVICES INC. PORTLAND, MAINE		PROJECT NO. 195210293	DATE: JUNE 2008
SHEET C-2			

LEGEND

- AIRPORT PROPERTY
- ABUTTER PROPERTY
- 70- EXISTING CONTOURS
- - - PROTECTED AIRSPACE SURFACE EDGE
- - - EXISTING ELECTRICAL DUCTBANK
- UE- EXISTING UNDERGROUND ELECTRICAL
- - - PROPOSED SILTATION FENCE
- ⊗ EXISTING ELECTRICAL HANDHOLE
- x-x- EXISTING FENCE
- ⊙ DELINEATED WETLAND FLAG LOCATION
- ⊙ EXISTING OBSTRUCTION LIGHT
- x 18 CLEARING LIMIT LAT/LONG LOCATION POINT NUMBER
- - - EDGE OF EXISTING TREE/BRUSH LINE (TYP.)
- EXISTING INDIVIDUAL TREE
- UTILITY POLE
- ⊘ EXISTING STONE WALL
- ← CONTRACTOR'S HAUL ROUTE
- - - EXISTING EDGE OF PAVEMENT
- △ SURVEY CONTROL POINT
- SE- RIDEM 50' WETLAND BUFFER
- - - STREAM CENTERLINE AND FLAG
- ▨ UPLAND VEGETATION CLEARING
- ▨ WETLAND CLEARING
- - - WETLAND BOUNDARY (DELINEATED)
- ▨ LIMIT OF WETLAND STUDY AREA

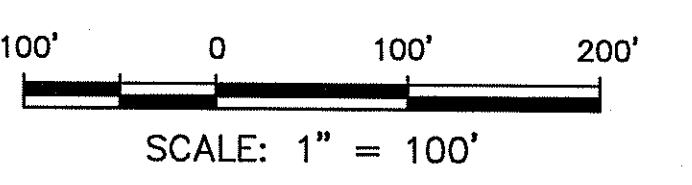
TREE CLEARING LIMITS TABLE

NO.	LATITUDE	LONGITUDE
1	41 54 46.40	71 29 57.28
2	41 54 46.83	71 29 56.92
3	41 54 45.44	71 29 53.94
4	41 54 47.41	71 29 52.29
5	41 54 43.57	71 29 49.13
6	41 54 43.35	71 29 47.57
7	41 54 45.75	71 29 46.20
8	41 54 45.63	71 29 45.98
9	41 54 43.82	71 29 47.13
10	41 54 43.30	71 29 47.16
11	41 54 41.02	71 29 46.25
12	41 54 40.12	71 29 48.88
13	41 54 39.86	71 29 50.41
14	41 54 38.42	71 29 49.96
15	41 54 38.20	71 29 51.21
16	41 54 44.11	71 29 53.05
17	41 54 44.74	71 29 57.75



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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 DATED AUG 20 2008 FILE # 08-1081
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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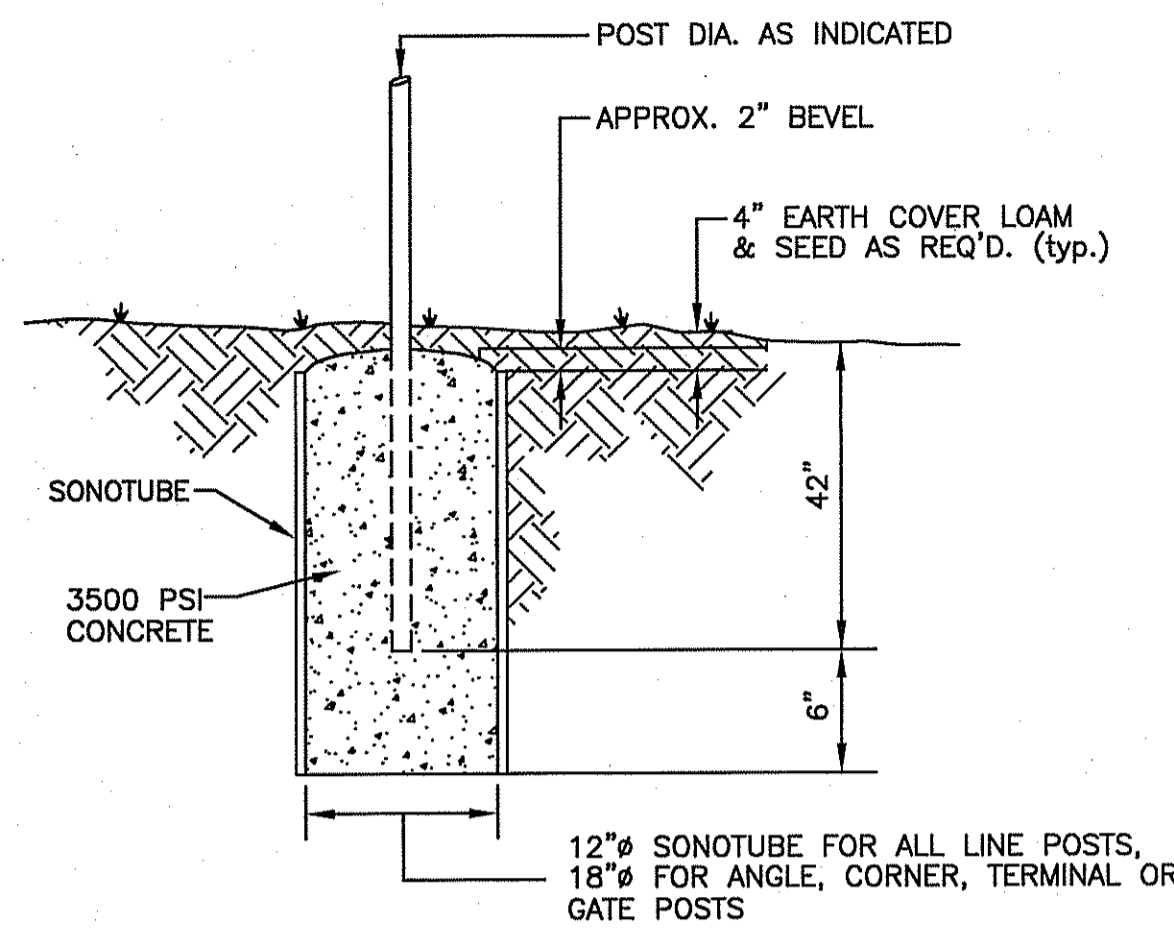
JAMES E. McLAUGHLIN
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

Rhode Island Airport Corporation
NORTH CENTRAL
 SMITHFIELD/LINCOLN, RHODE ISLAND

REVISION NUMBER	REVISION DATE	DESCRIPTION

DESIGNED GAC	DRAWN LRK	CHECKED JEM	APPROVED JEM
STANTEC CONSULTING SERVICES INC. PORTLAND, MAINE		PROJECT NO. 195210293	DATE: JUNE 2008
SHEET C-3			

V:\195210293\195210293.dwg (Drawing) - 15:03 PM, 6/22/2008 1:59:03 PM, Iking, ME-PT-OCETS000(Paper-Plot)-36-Merge.plt

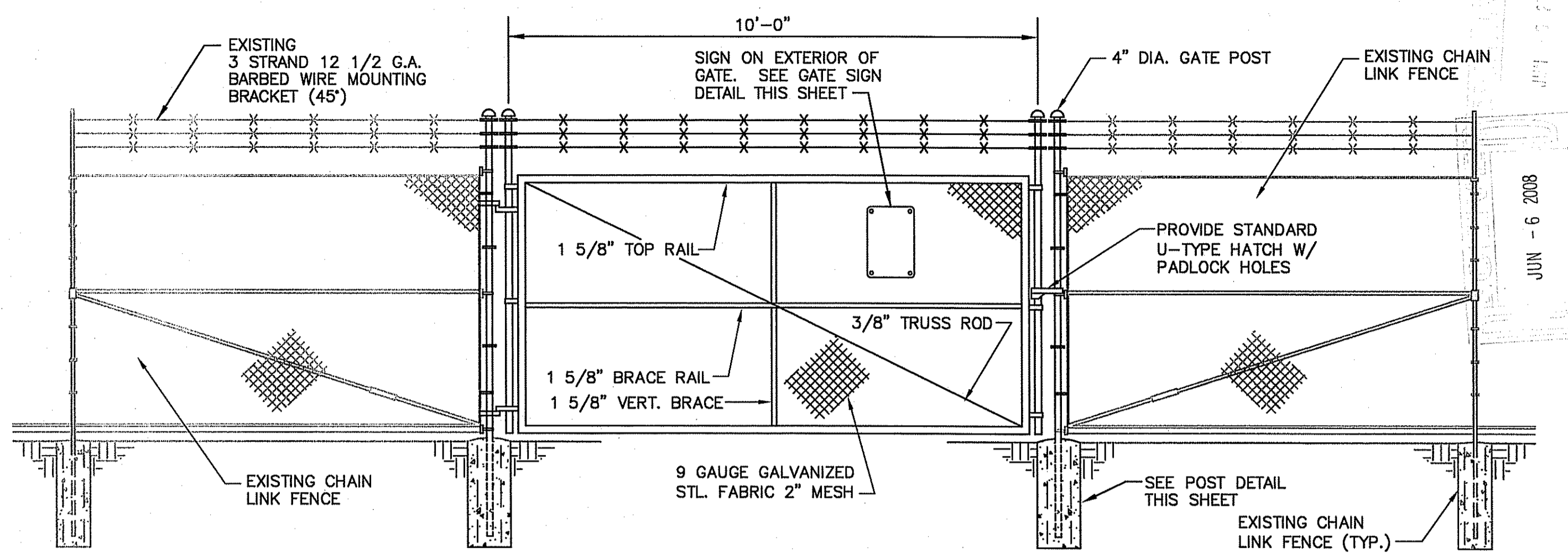


POST DETAIL
NOT TO SCALE

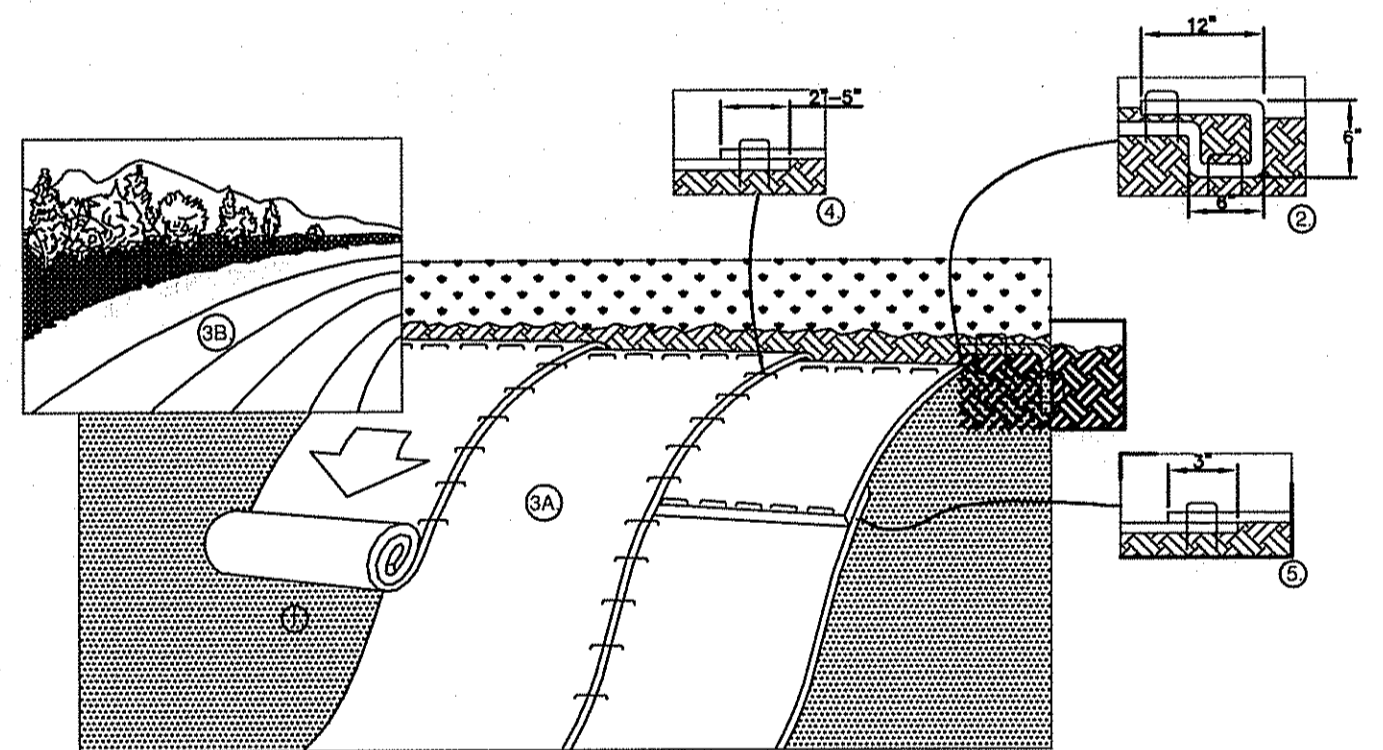


GATE SIGN DETAIL
NOT TO SCALE

NOTE: REFER TO SPECS FOR FASTENING REQUIREMENTS.



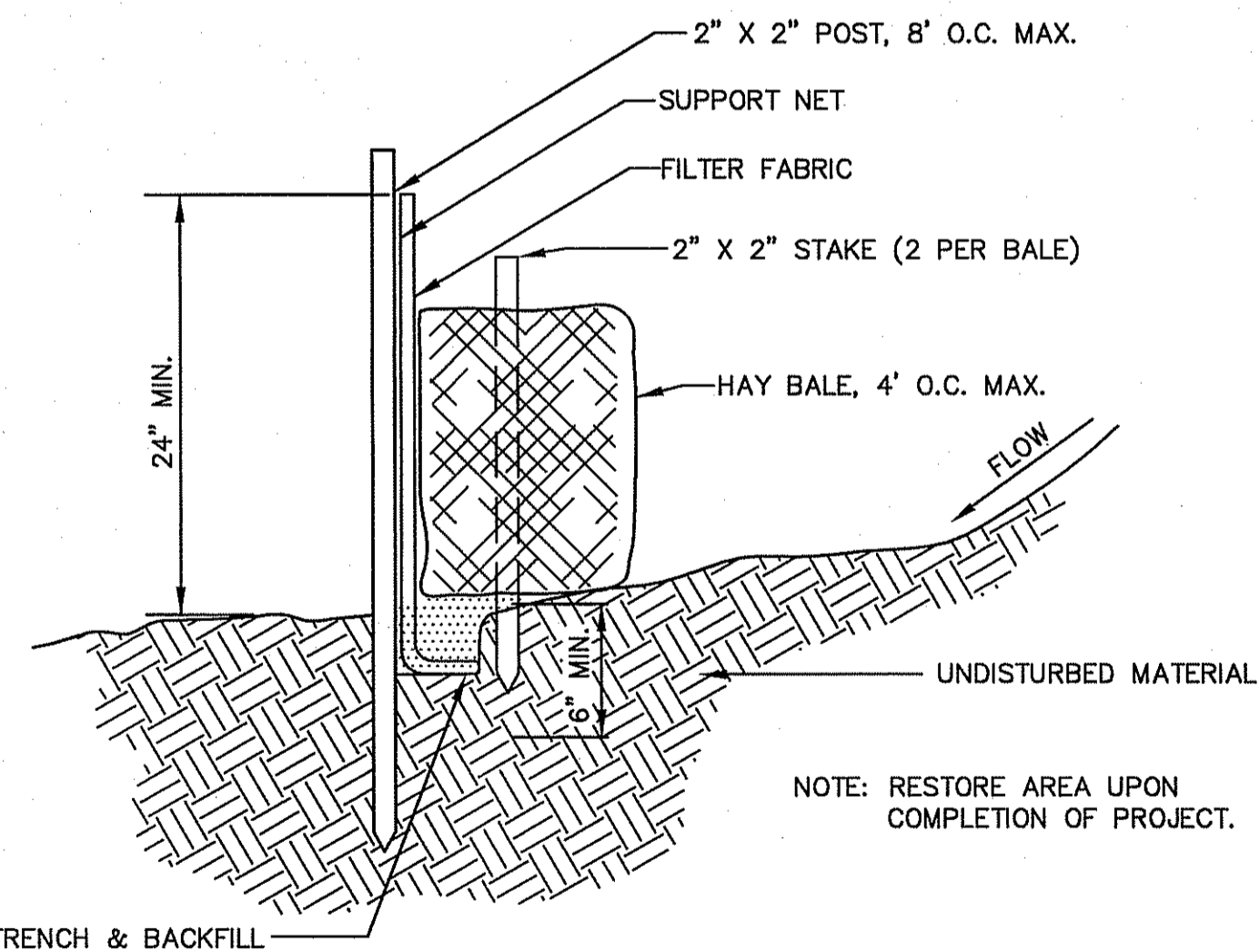
10' SWINGING GATE DETAIL
NOT TO SCALE



SLOPE EROSION CONTROL BLANKET INSTALLATION DETAIL
NOT TO SCALE

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.



SILTATION FENCE DETAIL
NOT TO SCALE

NOTE: RESTORE AREA UPON COMPLETION OF PROJECT.

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 20 2008 FILE # 08-2184
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.

W. Joseph Conroy

JAMES E. McLAUGHLIN
REGISTERED PROFESSIONAL ENGINEER
CIVIL
6796

Rhode Island Airport Corporation
NORTH CENTRAL
SMITHFIELD/LINCOLN, RHODE ISLAND

REVISION NUMBER	REVISION DATE	DESCRIPTION

DESIGNED	GAC	DRAWN	LTK	CHECKED	JEM	APPROVED	JEM	
PROJECT NO. 195210293							DATE: JUNE 2008	SHEET C-5

STANTEC CONSULTING SERVICES INC.
PORTLAND, MAINE