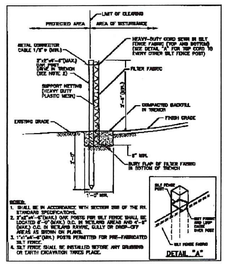
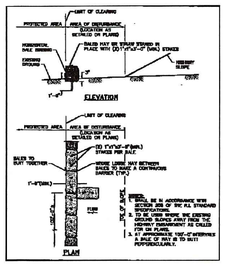
SILT FENCE
NOT TO SCALE

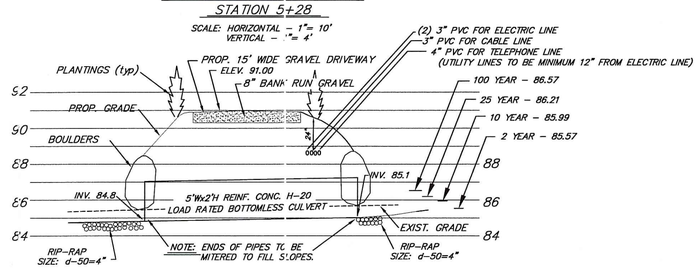


STAKED HAYBALES
NOT TO SCALE

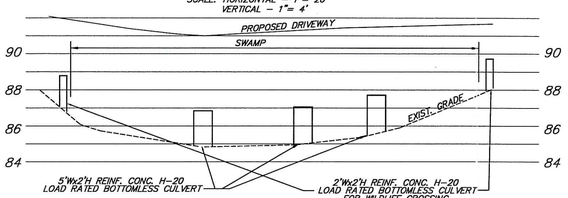


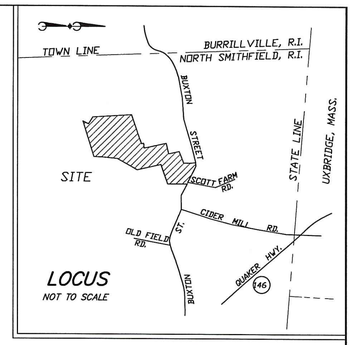
DRIVEWAY CROSS-SECTION
STATION 5+28

SCALE: HORIZONTAL – 1"= 10'
VERTICAL – 1"= 4'



DRIVEWAY PROFILE THROUGH WETLAND
(LOOKING SOUTHERLY)
SCALE: HORIZONTAL – 1"= 20'
VERTICAL – 1"= 4'



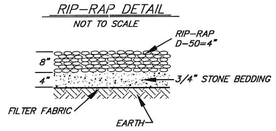


LOCUS
NOT TO SCALE

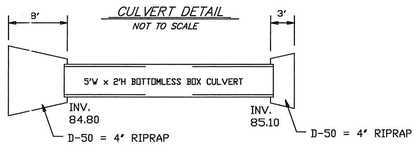
LEGEND

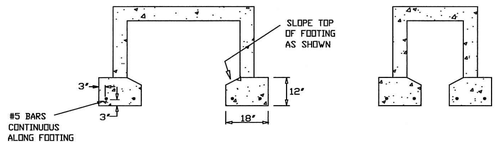
- 100 ——— 100 EXISTING CONTOURS
- 100 PROPOSED CONTOURS
- LIMIT OF DISTURBANCE
- HAYBALES OR SILT FENCE & LIMIT OF DISTURBANCE
- A22 △ EDGE OF SWAMP
- UNDERGROUND ELECTRIC LINE

RIP-RAP DETAIL
NOT TO SCALE



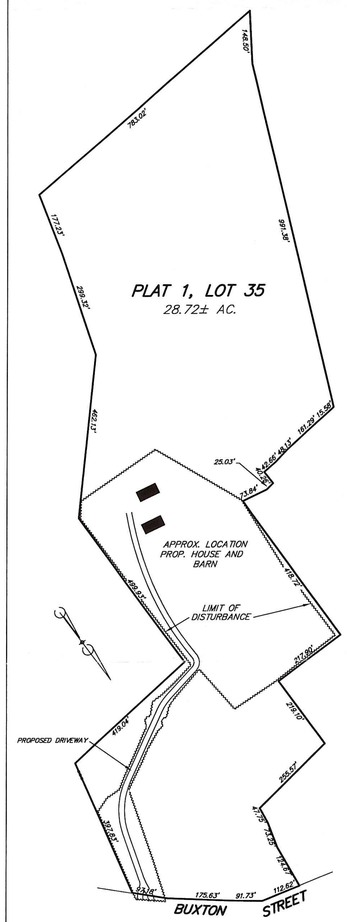
CULVERT DETAIL
NOT TO SCALE



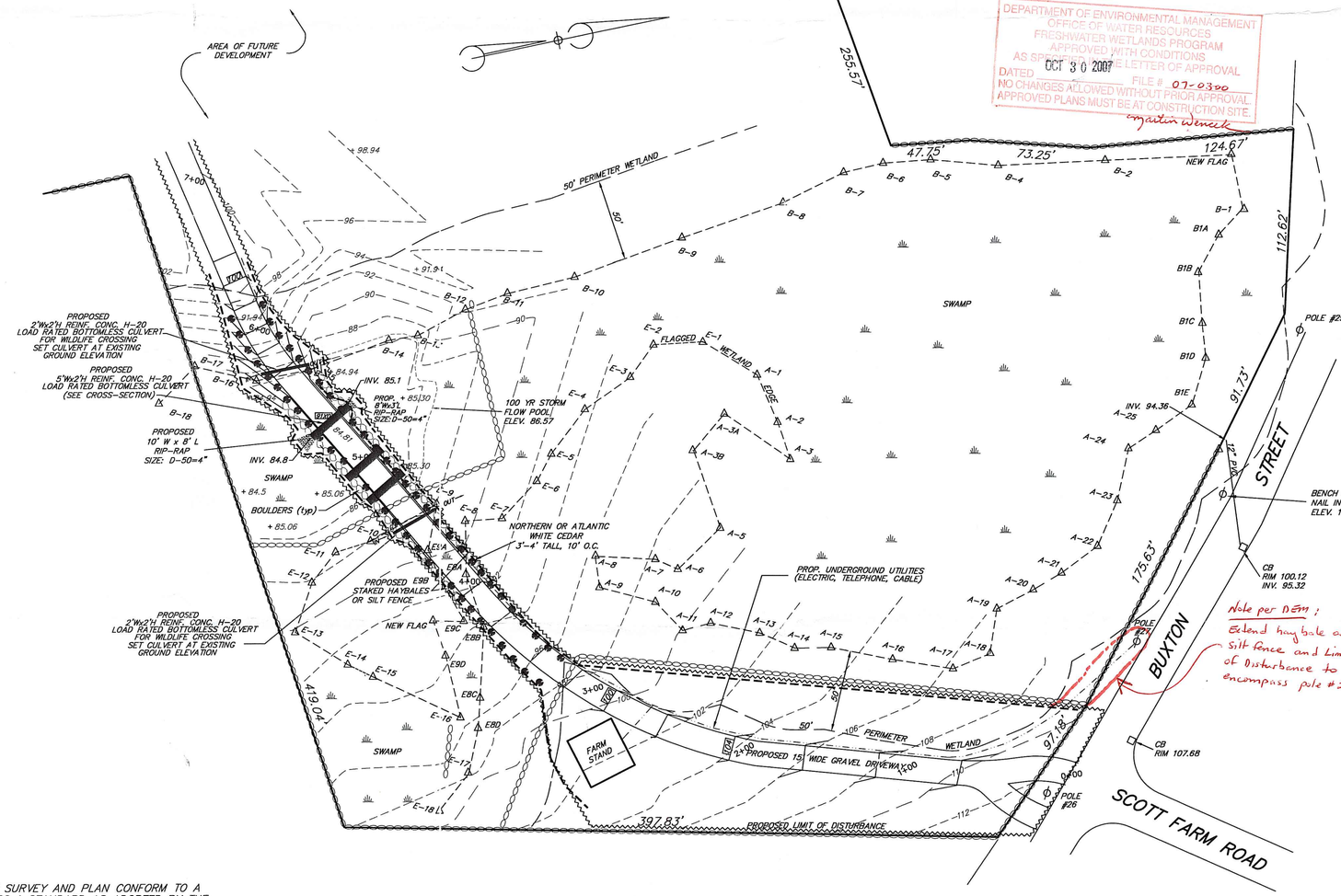


5X2 BOX CULVERT FOOTING SUPPORT
NOT TO SCALE

2X2 BOX CULVERT FOOTING SUPPORT
NOT TO SCALE



LOCUS
SCALE: 1"= 200'



Note per DEM; Extend haybale or silt fence and limit of disturbance to encompass pole #27.

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED OCT 30 2007 FILE # 07-0390
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.
Martin Wencek

General Notes

1. Base-line data was obtained by an on-site Class I survey.
2. Wetland delineation performed by: Natural Resource Services, Inc.
3. Staked haybales to be maintained by contractor or owner and inspected & replaced as necessary until work is complete and area has stabilized.
4. Driveway to be constructed during the low flow period (July 1 to Oct. 31).

Planting Notes

1. All planting to take place as soon as possible after construction is complete, between the months of April and September.
2. Northern or Atlantic White Cedar, 10 feet on center, 3-4 feet high, bagged and balled, to be planted in area indicated on plan.
3. All underlying soil for each tree shall be free from any material unsuitable for plant growth and properly prepared to a depth of 30 inches.
4. All disturbed areas to be stabilized with a conservation grass seed mix and by mulching with a mat of loosed hay.
5. Property owner to ensure plant survival for one full growing season from the date of planting. Any plantings that do not survive shall be replaced by the owner and survival ensured for another full growing season.
6. Area of disturbance within RIDEM jurisdictional wetland: 16,775 SF.

CULVERT MAINTENANCE

The contractor is responsible for maintaining the culvert during construction, owner to be responsible after construction. The maintenance of this culvert shall include the following:

- Culvert shall at all times be kept free of all debris, litter, obstructions, and sediment accumulation that could impede its flow.
- Culvert inlet, outlet and interior shall be inspected weekly during the construction period. Any accumulated debris, litter, obstruction or sediment shall be removed. Any disturbance of the rip-rap scour protection shall be repaired.
- Following completion of construction, the culvert shall be inspected a minimum of every 3 months. Any accumulated debris, litter, obstructions or sediment shall be removed. Any disturbance of the rip-rap scour protection shall be repaired.

SEDIMENT CONTROLS

1. ALL SEDIMENT CONTROL DEVICES SHALL SET IN PLACE PRIOR TO ANY CONSTRUCTION.
2. EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE WETLANDS.
3. DENUDED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR EXCESSIVE PERIODS OF TIME SUCH AS THE INACTIVE WINTER SEASON.
4. ALL DISTURBED AREAS SUBJECT TO EROSIVE TENDENCIES WHETHER THEY ARE NEWLY FILLED OR EXCAVATED SHALL RECEIVE SUITABLE SLOPE PROTECTION. TEMPORARY TREATMENTS SHALL CONSIST OF A HAY, STRAW OR FIBER MULCH OR PROTECTIVE COVERS SUCH AS MAT OR FIBER LINING (BURLAP, JUTE, FIBERGLASS NETTING).
5. DURING CONSTRUCTION, THE CONTRACTOR AND/OR DEVELOPER SHALL BE RESPONSIBLE FOR MAINTAINING THE DRAINAGE AND RUNOFF FLOW DURING STORMS AND PERIODS OF RAINFALL TO PREVENT SEDIMENT TRANSPORT AND DEPOSITION.
6. SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED PERIODICALLY AND AFTER PERIODS OF RAINFALL. SUCH DEVICES SHALL BE REPAIRED OR REPLACED AS NEEDED.
7. REFERENCE THE "RHODE ISLAND EROSION AND SEDIMENT CONTROL HANDBOOK" PREPARED BY THE U.S. DEPT. OF AGRICULTURE, SOIL CONSERVATION SERVICE 1980 AS A GUIDE.

WETLANDS PLAN
MODIFICATION FOR
JACQUES FARM, LLC
BUXTON STREET
No. SMITHFIELD, RHODE ISLAND
ASSESSOR'S PLAT 1, LOT 35

DATE: JUNE, 2007
SCALE: 1"= 40'

GRAPHIC SCALE
0 20' 40' 80' 120'

JUL 18 2007

THIS SURVEY AND PLAN CONFORM TO A CLASS 1 STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

MARC N. NYBERG, REG. PROFESSIONAL LAND SURVEYOR

PAUL J. GADOURY
NO. 3637
REGISTERED PROFESSIONAL ENGINEER

MARC N. NYBERG
NO. 1797
PROFESSIONAL LAND SURVEYOR

DRAINAGE DESIGN BY:
PAUL J. GADOURY, PE
1 SOUTHBURY ROAD
CUMBERLAND, RI 02868

MARC N. NYBERG ASSOCIATES, INC.
LAND SURVEYORS and PLANNERS
501 GREAT ROAD, UNIT 104
NORTH SMITHFIELD, RHODE ISLAND 02896
TEL: (401) 762-2870 FAX: (401) 762-2871

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