

NARRAGANSETT ENGINEERING, INC.

MAIN OFFICE
3102 EAST MAIN ROAD,
PORTSMOUTH, RI 02871
TEL : (401) 683-6630

PROJECT OFFICES
SWANSEA, MA
TEL : (508) 730-1881
www.nei-cds.com



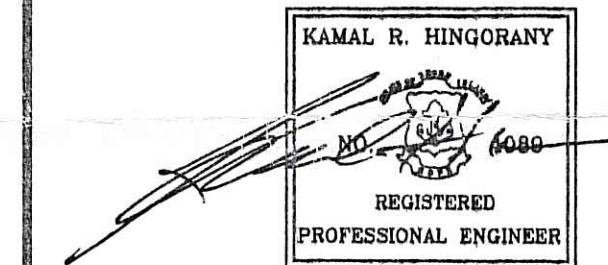
SHEET TITLE:

SITE PLAN AND WETLAND PRELIMINARY DETERMINATION

OWNER OF RECORD:
DEMELLO, MARK A. AND CHERLY A.
C/O AWASHONKS REALTY
1295 STAFFORD RD
TIVERTON RI 02878

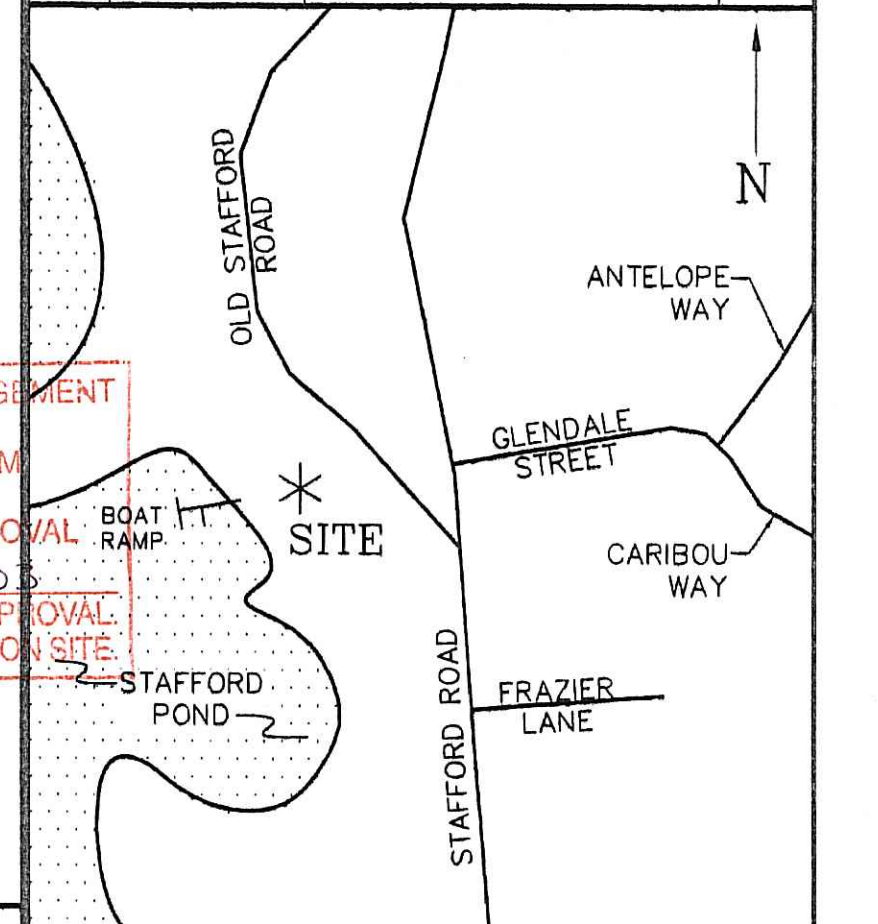
LOCATION
1041A - 1041B OLD STAFFORD ROAD
TIVERTON, RI 02878

MAP : 4-10 BLOCK 113 CARD : 12B



PROJECT #	DATE	DRAWN	CHECK
080179	05-22-09	NKH	KH

REVISIONS			
NO.	DATE	DESCRIPTION	BY
1	10.16.09	REVISED DISPLAY OF PROPERTY LIMITS REGARDING STAFFORD POND	NKH
2	12.08.09	REVISED DOCK LIMIT REVISED WALL	NKH



LOCUS MAP	
SHEET	SCALE
1 OF 1	1"=20'

WETLAND FLAG SERIES

FLAG SERIES	START	END
wf.1	wf.1	wf.5
	wf.7	wf.8

GENERAL NOTES:
-TOTAL LOT AREA : 0.66± ACRES
-DATUM IS LOCAL.
-REFER TO ARCHITECTURAL DRAWINGS (BY OTHERS) FOR BUILDING DETAILS AND SPECIFICATIONS.
-REFER TO ARCHITECTURAL PLANS AND DOCK PLANS FOR CONSTRUCTION SPECIFICATIONS
-EXISTING STRUCTURE TO BE REBUILT WITH ADDITIONAL STORY
-RAIN GARDEN PLANTINGS TO BE SPECIFIED BY LANDSCAPE ARCHITECT PRIOR

OWTS NOTES:
-TOTAL EXISTING NUMBER OF BEDROOMS: 3 (AS PER LOT CARD).
-TOTAL PROPOSED NUMBER OF BEDROOMS: 4
-RIDEM OWTS APPLICATION NUMBER #0933-0132.
-PREVIOUS OWTS REPAIR APPLICATION NUMBER #0533-2197.
-SHGW: 12", SOIL CATEGORY.
-REFER TO OWTS DESIGN PLANS FOR OWTS SPECIFICATIONS

WETLAND NOTES:
-ENTIRE SITE IS WITHIN 200' OF STAFFORD POND.
-SOUNDINGS PERFORMED IN FEBRUARY 2009, EXPECTED 2± DECREASE IN WATER LEVEL DURING DRY SEASON.
-WETLAND DELINEATION PERFORMED BY ECOSYSTEM SOLUTIONS, INC. OF P.O. BOX 469, WEST WARWICK, RI 02893 ON 02/17/2009.

IMPERVIOUS AREA CALCULATION*:

PROPOSED IMPERVIOUS AREA (POOL / PATIO)	884± SQ.FT.
EXISTING IMPERVIOUS AREA TO BE REMOVED	454± SQ.FT.
NET INCREASE IN IMPERVIOUS AREA	430± SQ.FT.

*NOT INCLUDING PATIO OR DOCK (PERVIOUS)

ZONING INFORMATION:

ZONE: R-60 (RESIDENTIAL DISTRICT)
MINIMUM CARD AREA : 60,000 SQ. FT.
MINIMUM CARD WIDTH : 175 FEET (SINGLE FAMILY DWELLING)

MINIMUM SETBACKS:
FRONT YARD : 40 FEET
SIDE YARD : 30 FEET
REAR YARD : 60 FEET
MAXIMUM HEIGHT : 35 FEET
MAXIMUM LOT COVERAGE AREA : 15% (SINGLE FAMILY DWELLING)

REFERENCES:

- PLAT 110A SHEETS 2 AND 3.
- PLAT 929 SHEET 10.
- PLAT 110.
- PLAN ENTITLED LAND OF MANUEL PEDRO, LOCATION 1043 OLD STAFFORD ROAD, TIVERTON RI DATED JAN, 1974 SCALE 1"=40' BY JAMES P. AMERANTES R.L.S.
- RIDOT TIVERTON OLD STAFFORD ROAD SHOWING PROPOSED DRAIN THROUGH PROPERTY OF J. BLISSONNETTE IN ACCORDANCE DRAINAGE AGREEMENT NO 794B DATED APRIL 23, 1973 AND RECORDED ON MAY 25, 1973.

FLOOD ZONE:

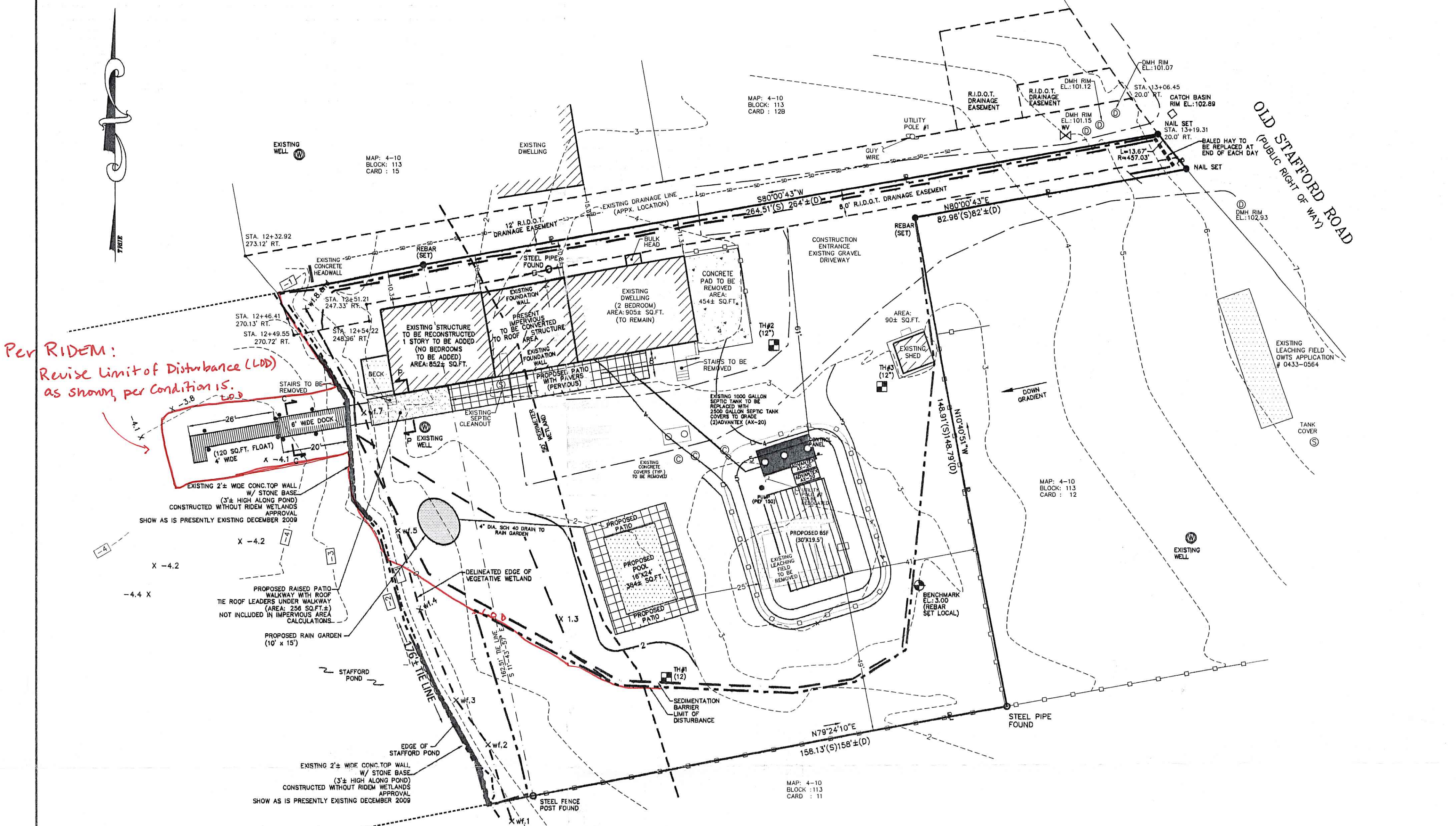
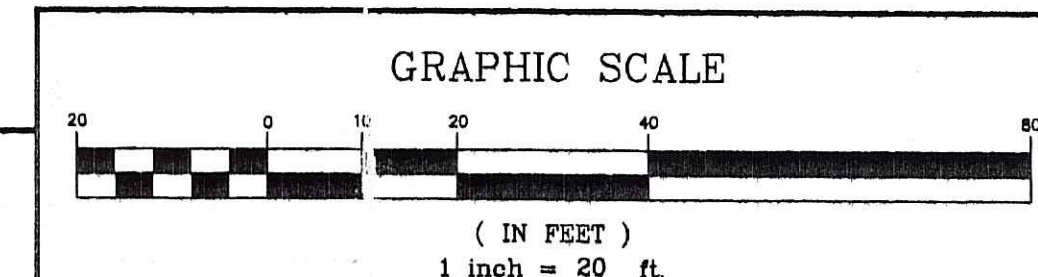
SUBJECT PROPERTY IS LOCATED IN ZONE "C" AS PER FEMA COMMUNITY PANEL 440012 0004 C, REVISED SEPTEMBER 30, 1995.

LEGEND:

- PROPERTY LINE
- - - - - EXISTING CONTOUR
- - - - - PROPOSED CONTOUR
- - - - - EDGE OF PAVEMENT
- - - - - DRAINAGE EASEMENT
- - - - - EXISTING DRAINAGE LINE
- - - - - EXISTING FENCE LINE
- - - - - PROPOSED STONEWALL (3' HIGH ALONG POND)
- - - - - EDGE OF POND
- - - - - DELINEATED EDGE OF VEGETATIVE WETLAND WITH WETLAND FLAG
- - - - - 50' PERIMETER WETLAND
- - - - - LIMIT OF DISTURBANCE
- - - - - SEDIMENTATION BARRIER
- X 1.3 SPOT GRADE / SOUNDING (-)
- CATCH BASIN
- UTILITY POLE
- STEEL PIPE FOUND
- DRAINAGE MANHOLE
- CONCRETE COVER
- WATER VALVE
- EXISTING WELL
- BENCHMARK
- DEEDED DIMENSION
- SURVEY DIMENSION

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED JAN 29 2010 FILE # 09-030
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

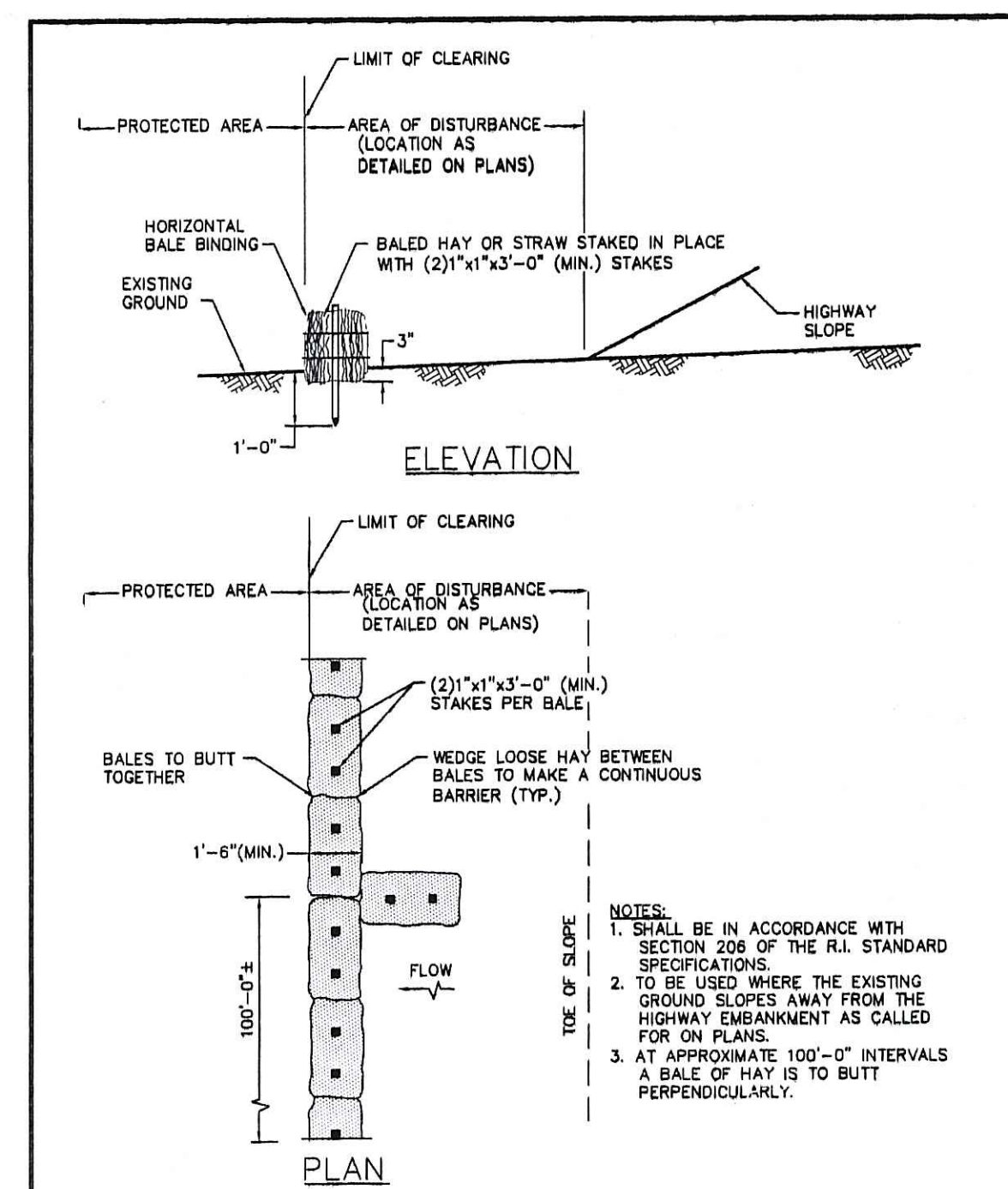
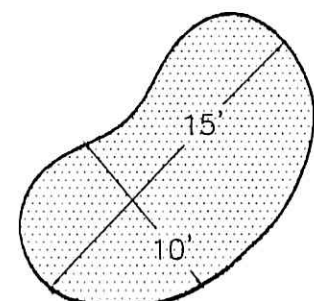
Eng. Arthur D. Wenzel



RAIN GARDEN (e.g. BIORETENTION)

TOTAL INCREASED IMPERVIOUS AREA TO DRAIN TO RAIN GARDEN: 450 SQ.FT.
SIZE FOR 1" RUNOFF: 800x12 = 75 CU.FT. 75 / 0.5 = 150 SQ.FT. (MINIMUM)
USE 10'X15' RAIN GARDEN: 150 SQ.FT.

DESIGN DATA: (RAIN GARDEN)
SHGW: 12"±
SOIL CATEGORY: 9 (USE 40 MPI PERC RATE)

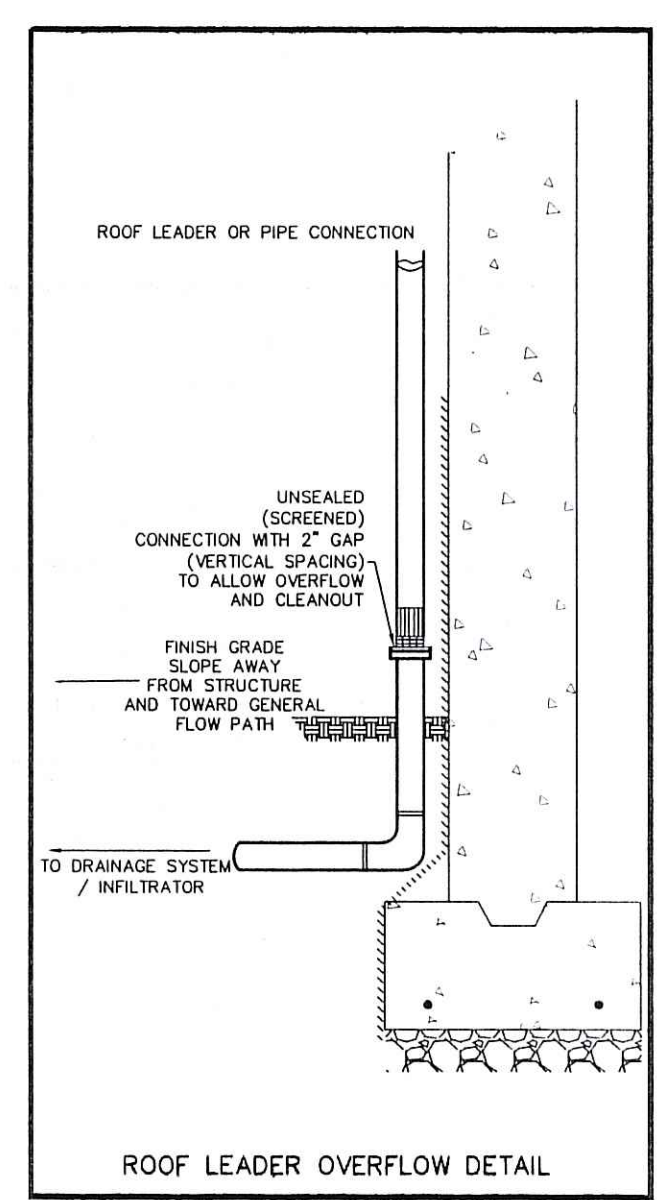
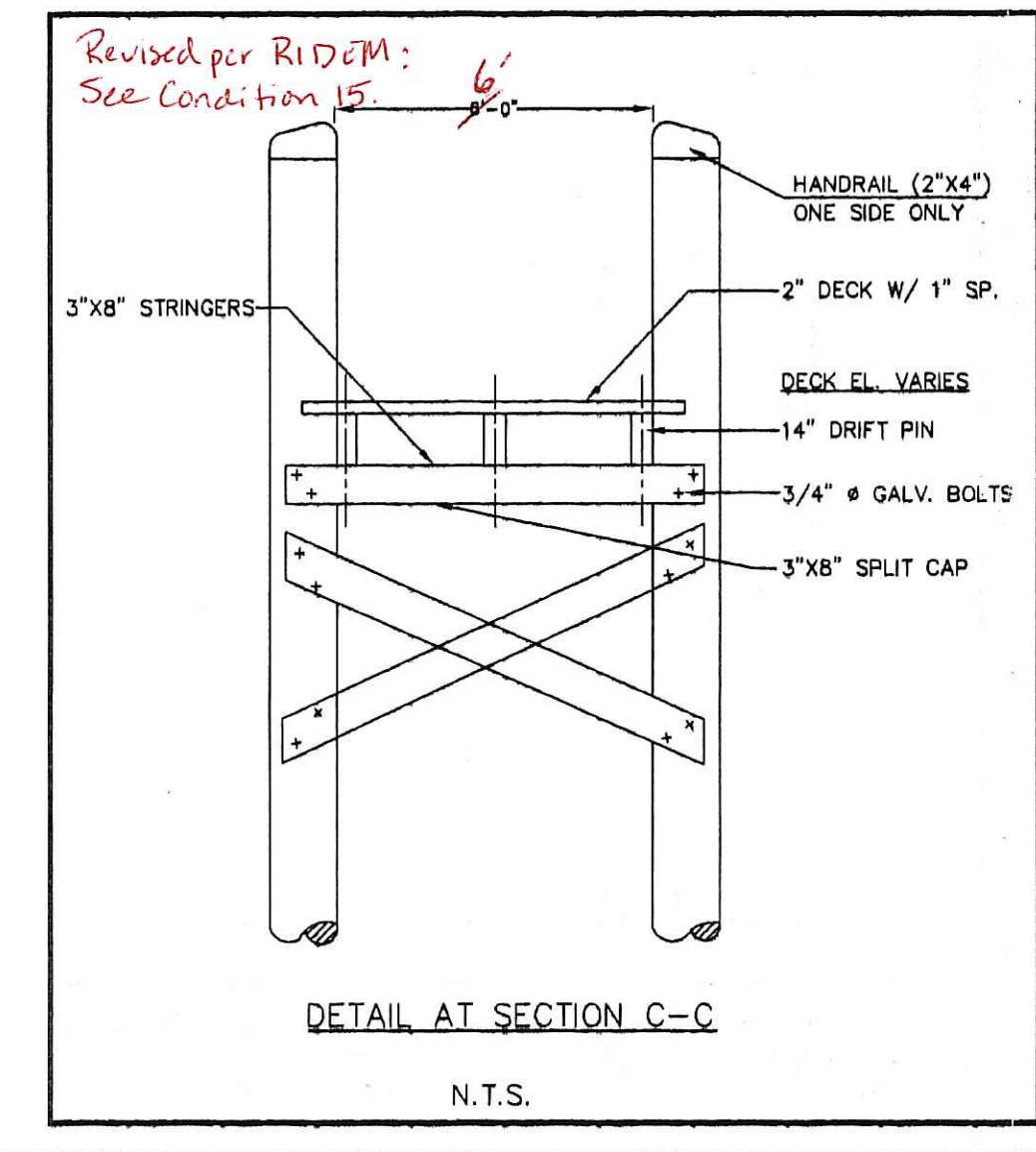
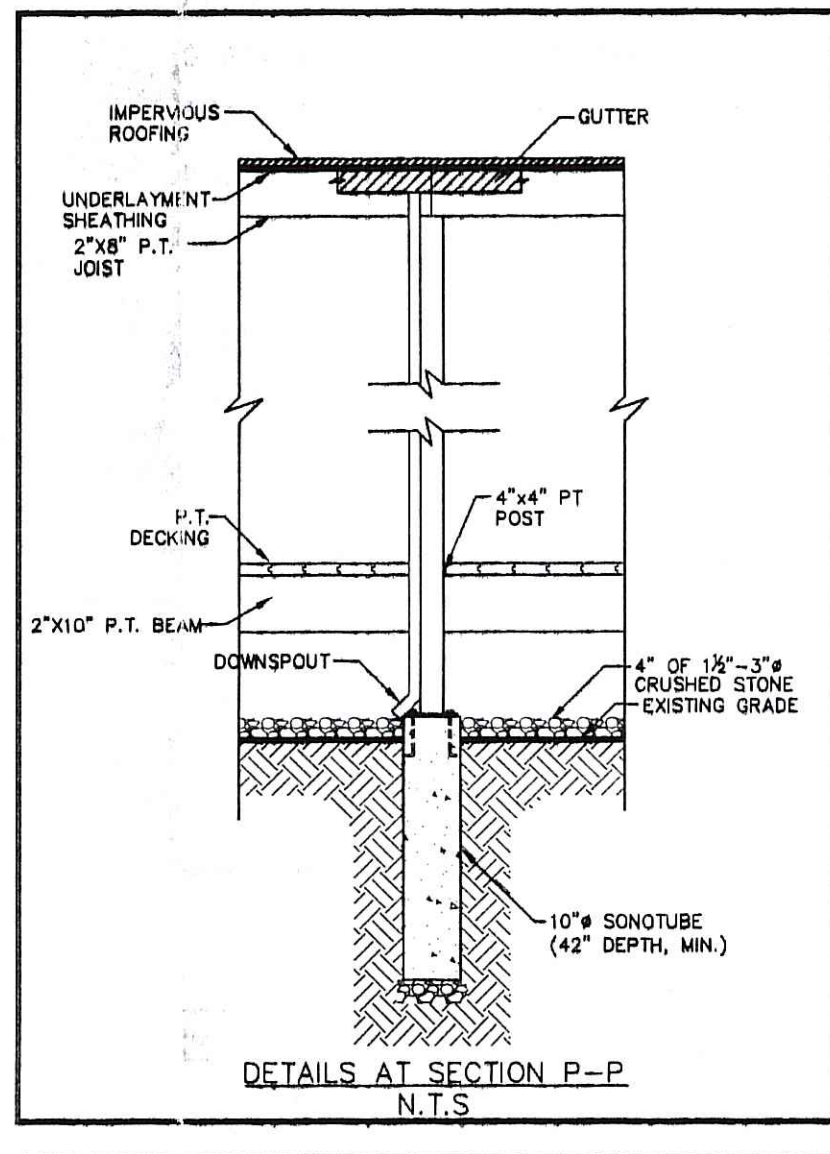


RHODE ISLAND DEPARTMENT OF TRANSPORTATION
BALED HAY EROSION CHECK

REVISIONS	NO.	BY	DATE

APPROVED: *James K. Caputo* JUN 15, 1998
DATE: JUN 15, 1998

R.I. STANDARD 9.1.0



LOCATION OF SUBSURFACE UTILITIES REPRODUCED FROM FIELD SURVEY AND BEST AVAILABLE INFORMATION. CONTRACTOR TO CALL DIG SAFE AND/OR APPLICABLE UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION.
DIG SAFE TEL.#: 1-800-344-7233 (1-800-DIG-SAFE).