

VEGETATED SWALES:

VEGETATED SWALE:	WIDTH:	LENGTH:	TOTAL SURFACE AREA:
1	5'	54'	160 SQ.FT.
2	5'	22'	64 SQ.FT.
3	5'	54'	160 SQ.FT.
4	5'	22'	64 SQ.FT.
5	5'	54'	160 SQ.FT.
6	5'	54'	160 SQ.FT.

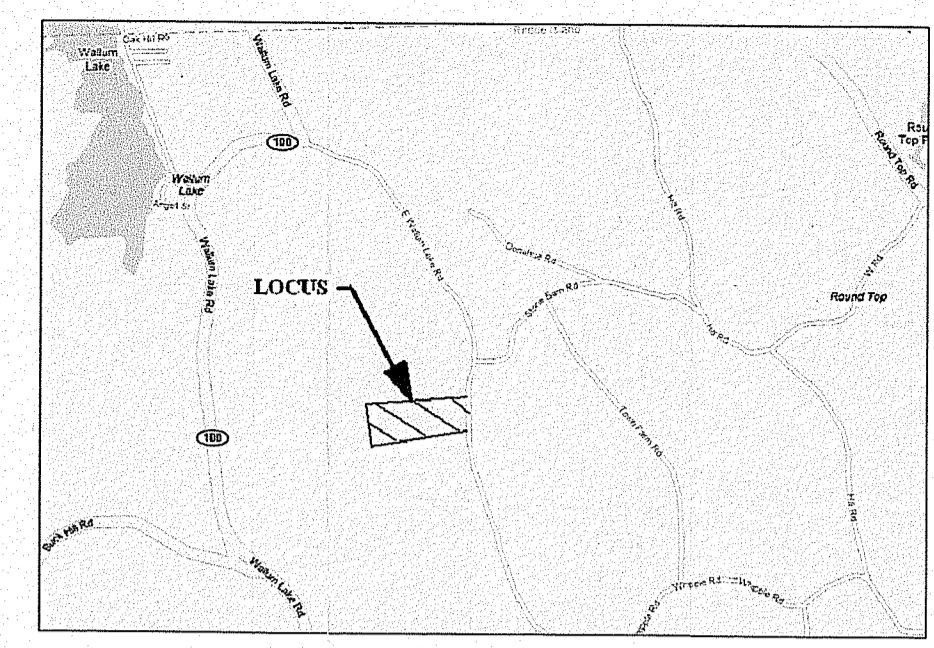
VEGETATED SWALE NOTES:

- CONVEYANCE:**
- VEGETATED SWALES SHALL BE DESIGNED WITH MODERATE SIDE SLOPES FLATTER THAN 3:1 FOR MOST CONDITIONS.
 - VEGETATED SWALES SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 4% (E.G. 4 FOOT DROP OVER A HORIZONTAL DISTANCE OF 100 FEET).

- TREATMENT:**
- THE AVERAGE SURFACE PONDING DEPTH SHALL BE NO MORE THAN A 8 INCHES DEEP.
 - THE BOTTOM WIDTH SHALL BE NO LESS THAN 2 FEET AND NO GREATER THAN 8 FEET WIDE
 - A MAXIMUM PONDING DEPTH OF 1 FT SHOULD BE MAINTAINED AT THE LONGITUDINAL MIDPOINT OF THE VEGETATED SWALE AND A MAXIMUM DEPTH OF 18 INCHES AT THE END POINT.
 - SWALES SHOULD CONTAIN A 2-4 INCH AMENDED SOIL LAYER AND A 2-3 INCH MULCH LAYER.
 - THE AMENDED SOIL LAYER OF A VEGETATED SWALE SHOULD BE A 50/50 MIXTURE OF THE EXCAVATED NATIVE SOILS AND MATURE ORGANIC COMPOST.

- VEGETATION:**
- GRASSES OR SEDGES ARE TYPICALLY USED IN VEGETATED SWALES, BUT OTHER NATIVE PLANTS CAN BE USED AS WELL. PLEASE REFER TO THE RI COASTAL PLANT GUIDE AND MODIFY THE SELECTION FOR NATIVE PLANTS SUITED TO RAIN GARDENS.

- MAINTENANCE:**
- VEGETATED SWALES SHALL BE INSPECTED ANNUALLY AND SHOULD BE INSPECTED AFTER LARGE STORM EVENTS.
 - ERODED SIDE SLOPES AND CHANNEL BOTTOMS SHALL BE STABILIZED AS NECESSARY.
 - IF THE SURFACE OF THE DRY SWALE BECOMES CLOGGED TO THE POINT THAT STANDING WATER IS OBSERVED ON THE SURFACE 48 HOURS AFTER PRECIPITATION EVENTS, THE BOTTOM SHALL BE ROTO-TILLED OR CULTIVATED TO BREAK UP ANY HARD-PACKED SEDIMENT, AND THEN RESEDED.
 - VEGETATION IN DRY SWALES SHALL BE MOWED AS REQUIRED TO MAINTAIN MINIMUM GRASS HEIGHTS IN THE 4-6 INCH RANGE.
 - EVERY FIVE YEARS, THE CHANNEL BOTTOM OF DRY SWALES SHOULD BE SCRAPPED TO REMOVE SEDIMENT AND TO RESTORE ORIGINAL CROSS SECTION AND INFILTRATION RATE, AND SHOULD BE SEEDED TO RESTORE GROUND COVER, WHERE NECESSARY.



REFERENCES:

- SEE THAT PLAN ENTITLED "RIGHT OF WAY AND TRACK MAP, THE NEW YORK NEW HAVEN AND HARTFORD R.R. CO., OPERATED BY THE NEW YORK AND NEW HAVEN AND HARTFORD R.R. CO., FROM PROVIDENCE TO DOUGLAS JUNCTION, STATION 1333+30 TO STATION 1386+10, TOWN OF BURRILLVILLE, STATE OF R.I., SCALE: 1 100 FT, DATE: JUNE 30, 1915, OFFICE OF VALUATION ENGINEER, BOSTON, MA.
- SEE THAT RECORDED PLAN ENTITLED "PLAN OF LAND OWNED BY SALLY R. JACOUES, BURRILLVILLE, RHODE ISLAND, MARCH 1989, REVISED: MARCH 13, 1989, SCALE: 1 INCH EQUALS 200 FEET, BY ROBERT C. COURNOYER & ASSOCIATES, INC." IN THE BURRILLVILLE LAND EVIDENCE RECORDS AT OLD PB 19 PAGE 30, AND NOW AT NEW SLIDE 339.
- SEE THAT CERTAIN PLAN ENTITLED "PLAN OF PROPERTY IN BURRILLVILLE, MASSACHUSETTS, PREPARED FOR: ROYAL AND RUTH DIMOND, SCALE: 1 INCH=100 FT., MAY 9, 2003.

GENERAL NOTES:

- THE SURVEY WAS PERFORMED IN THE FIELD.
- INGRESS AND EGRESS FOR THE SURVEYED PARCEL EXISTS ALONG THE ENTIRE FRONTAGE ON EAST WALLUM LAKE ROAD AND PAVED DRIVEWAY, AS SHOWN.
- CONTOURS DEPICTED ON THIS PLAN ARE DERIVED FROM RIGS 2-FIT CONTOURS SPRING 2011 NORTHEAST LIDAR PROJECT AND HAVE BEEN SPOT VERIFIED WITHIN PROJECT AREA. SEE CERTIFICATION OF SURVEY COMPILATION DISCLAIMER.
- VERTICAL DATUM IS NAVD'88 AS DEVELOPED BY GPS SURVEY.
- WETLAND DELINEATIONS BY NATURAL RESOURCE SERVICES, INC.
- UTILITY POLE 1 TO BE RELOCATED TO THE SOUTHERLY SIDE OF PROPOSED DRIVEWAY EXPANSION PER UTILITY COMPANY DETERMINATION.
- PROPOSED GARAGE DOES NOT INCLUDE GUTTERS.
- ALL INFORMATION ON THIS PLAN IS SUBJECT TO THE USER'S FIELD VERIFICATION. ABOVEGROUND AND UNDERGROUND UTILITY, STRUCTURE, AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES FROM PAROLE TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO THE SURVEYOR. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION. CALL DIGSAFE 1-888-344-7233.



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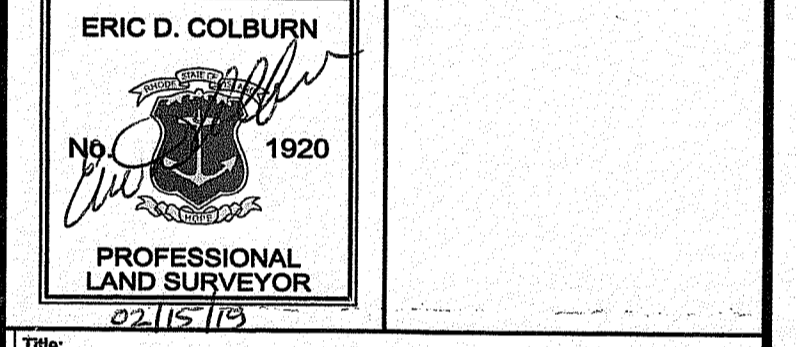
This survey has been conducted and the plan has been prepared pursuant to 435-RICR-00-00-1.9 of the Rules and Regulations adopted by the Rhode Island State Board of Registration for Professional Land Surveyors on November 25, 2015, as follows:

(a) Type of Boundary Survey:	Measurement Specification:
Limited Content Boundary Survey	I
(b) Other Type of Survey:	
Compilation Plan	IV
Topographic Survey Accuracy	T-4

Compilation Disclaimer (Section 9.6.1(A)(4)): Portions of this plan relative to the contours have been prepared from sources of information and data whose positional accuracy and reliability has not been verified. The information and data depicted hereon such as the contours is subject to such changes as an authoritative field survey may disclose.

(c) Statement of Purpose
 The purpose for the conduct of the survey and for the preparation of the plan is as follows: To perform a Limited Content Boundary Survey/Building Location Survey to depict the position of a proposed building with respect to boundaries and wetland areas.

By: *Eric D. Colburn* PLS Signature
 Eric D. Colburn, PLS No. 1920 Printed PLS Name & License No.



Limited Content Boundary Survey / Building Location Survey Plan

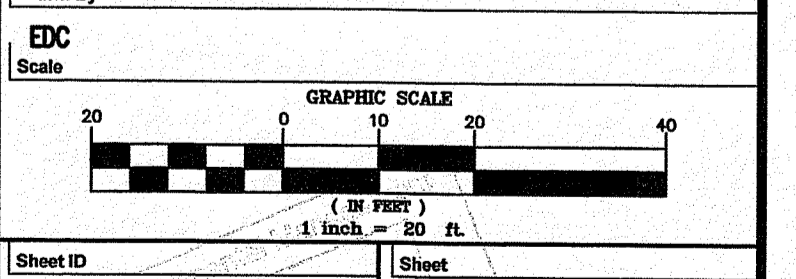
AP 87 LOT 2
 1236 East Wallum Lake Road
 Burrillville, Rhode Island

Prepared For: Jamie Lynch
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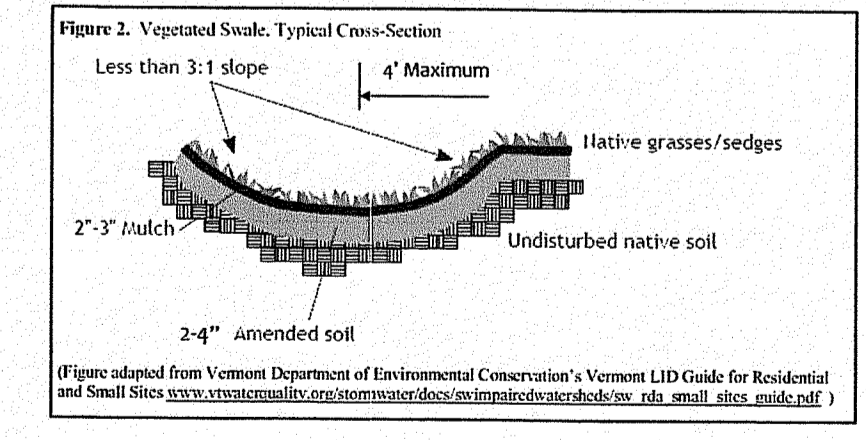
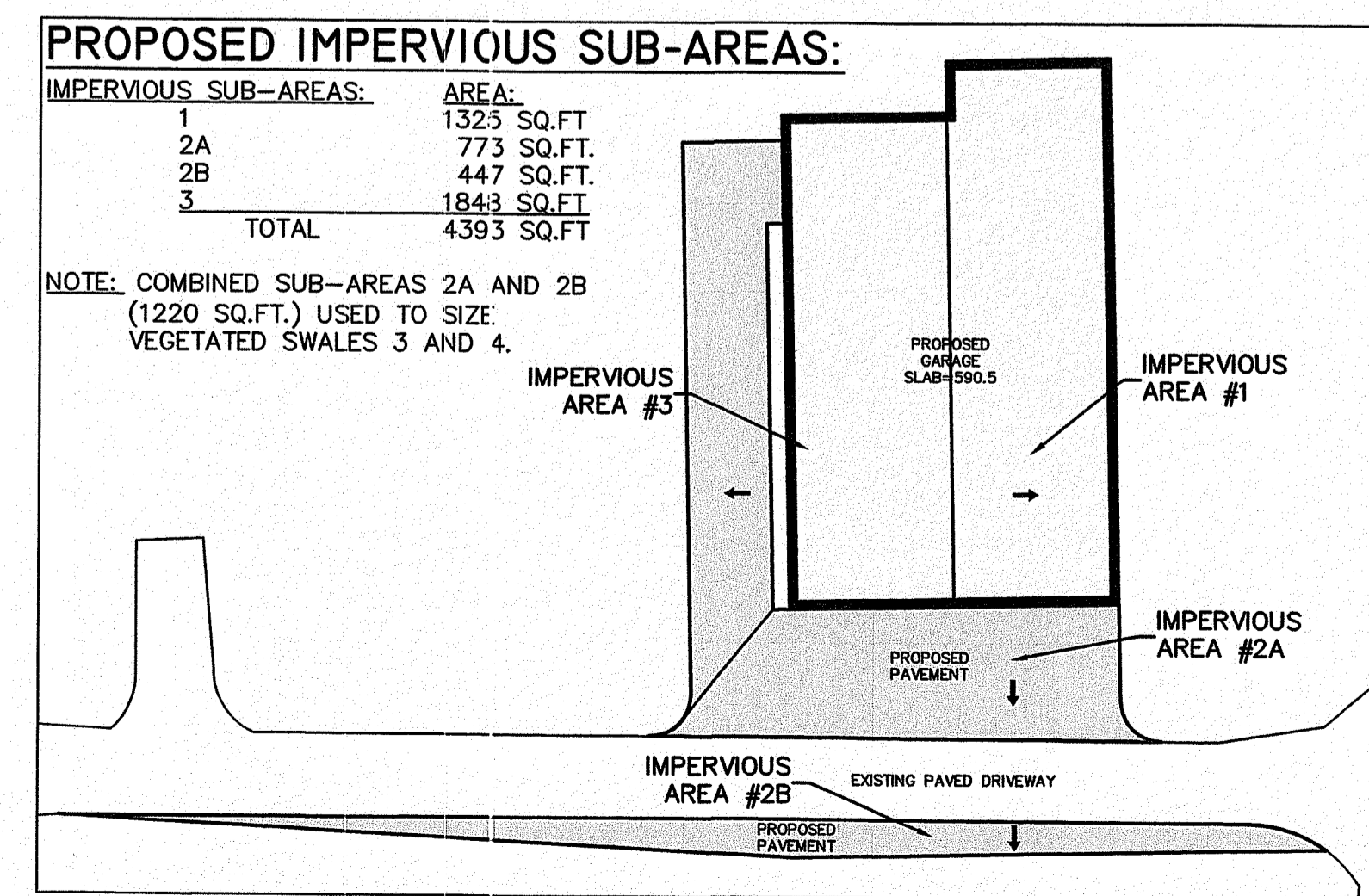
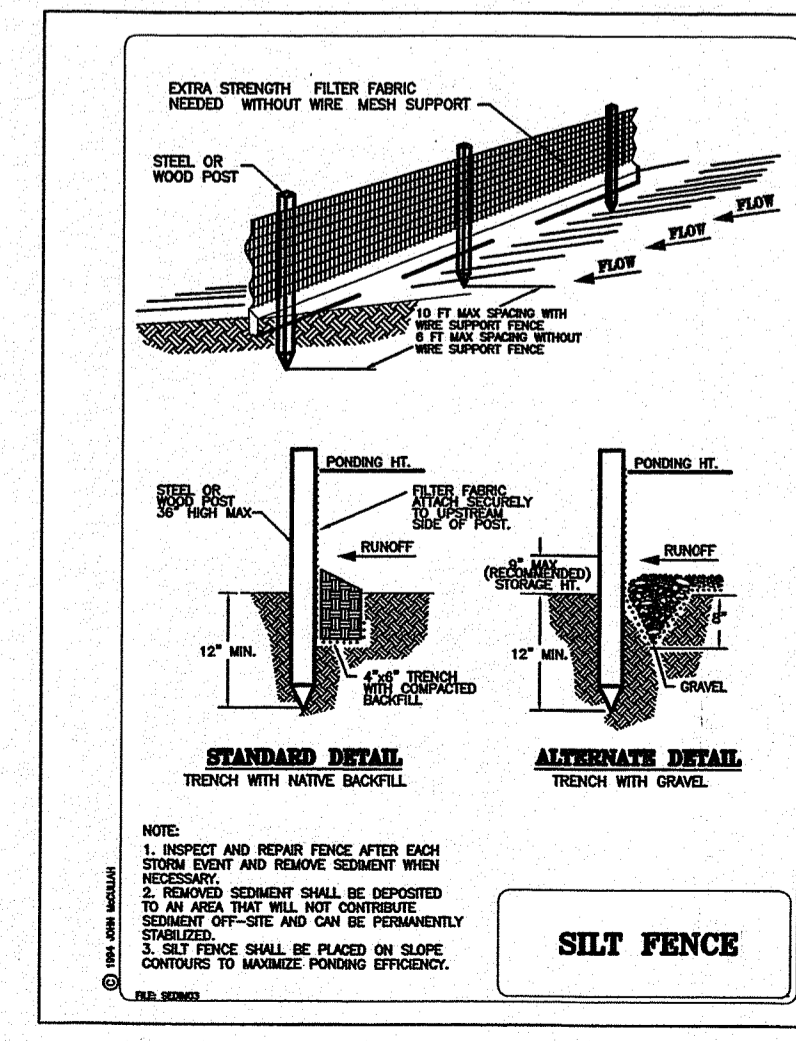
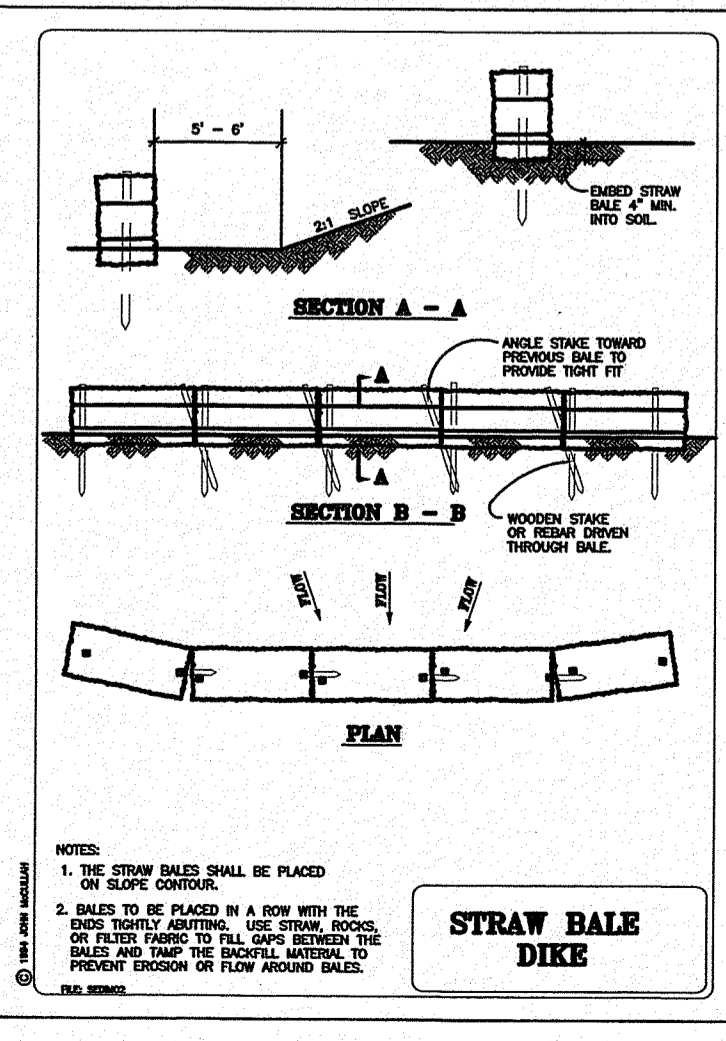
Issue	Date & Issue Description	By	Check
00	02/15/19 ORIGINAL ISSUE	EDC	EDC

Project Name	Building Location Survey
Project No.	1277
Checked By	EDC
Drawn By	EDC
Scale	

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED FEB 4 2020 FILE # 19-0059
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Nancy L. Freeman



Sheet ID: **V1** of 1
 FEB 27 2020
 of 1 Sheet.
 DWG No. 1277-01.00



LEGEND:

- DHP DRILL HOLE FOUND
- IPF IRON PIPE FOUND
- IBF IRON BAR FOUND
- IRF IRON ROD FOUND
- SFW STONE WALL FOUND
- IRS IRON ROD SET
- DHS DRILL HOLE SET
- PF UTILITY POLE AND NUMBER
- PC PROPOSED CONTOUR LINES
- EC EXISTING CONTOUR LINES
- EW EDGE OF WETLANDS
- 50-FT PERIMETER WETLAND EDGE
- 100-FT RIVERSHORE WETLANDS
- EIS EDGE OF INTERMITTENT STREAM
- LOD/SF STAKED HAYBALE LINE/SILT FENCE/LIMITS OF DISTURBANCE
- AI WETLAND DELINEATION FLAG