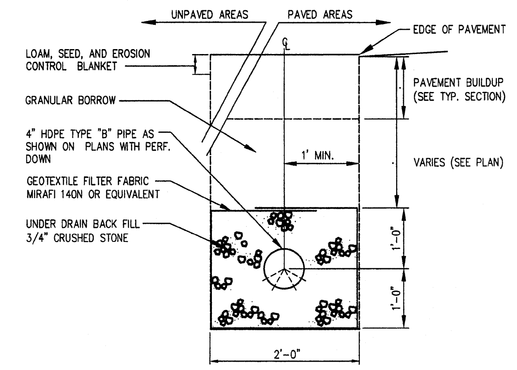
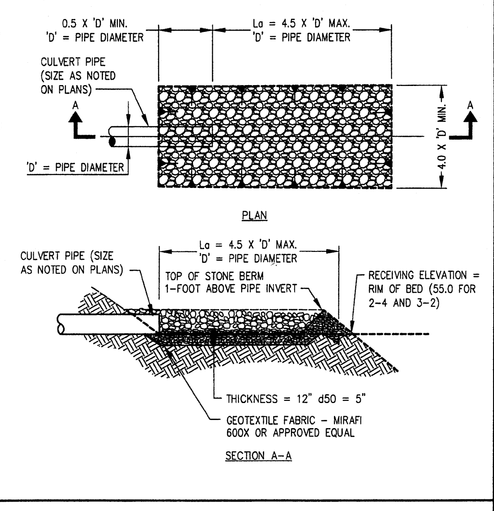


TYPICAL FILTRATION BED TRENCH DETAIL

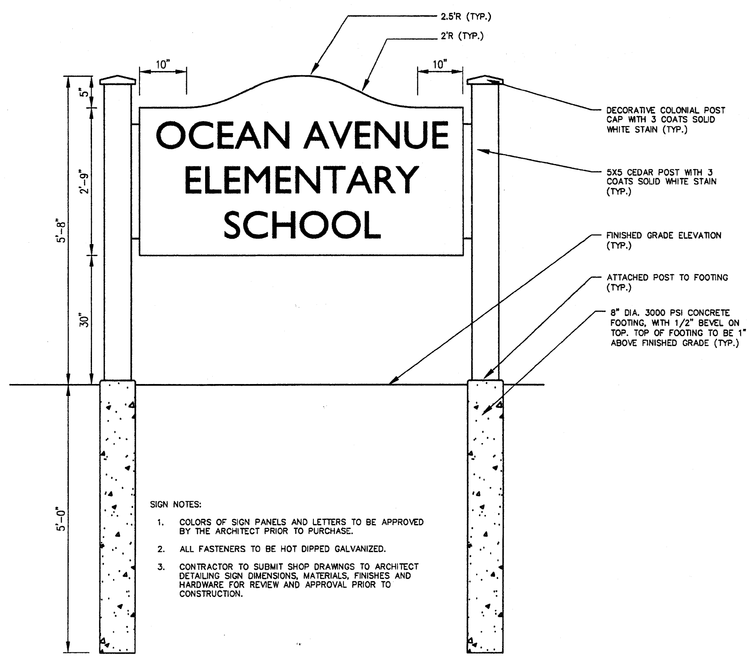
NO SCALE

NOTE:
1. 'La' = LENGTH OF APRON. DISTANCE 'La' SHALL BE OF SUFFICIENT LENGTH TO DISSIPATE ENERGY
2. APRON SHALL BE SET AT A ZERO GRADE AND ALIGNED STRAIGHT.
3. FILTER MATERIAL SHALL BE FILTER FABRIC OR 6" THICK MINIMUM GRADE GRAVEL LAYER.
4. IN BED 2-4 THE APRON SHALL BE 8' WIDE BY 4.5' LONG TO INCLUDE THE DOUBLE OUTLETS.
5. ROCK IN ENERGY DISSIPATERS SHALL BE ROUNDED STONE TO MMDC A STREAM BED. ANGULAR BLASTED BEDROCK SHALL NOT BE USED. THIS SAME STONE SHALL BE USED FOR THE TRENCH FROM THE ENTRANCE CANOPY TO BED 2-4 (SEE DWG. L-2 FOR DETAIL.

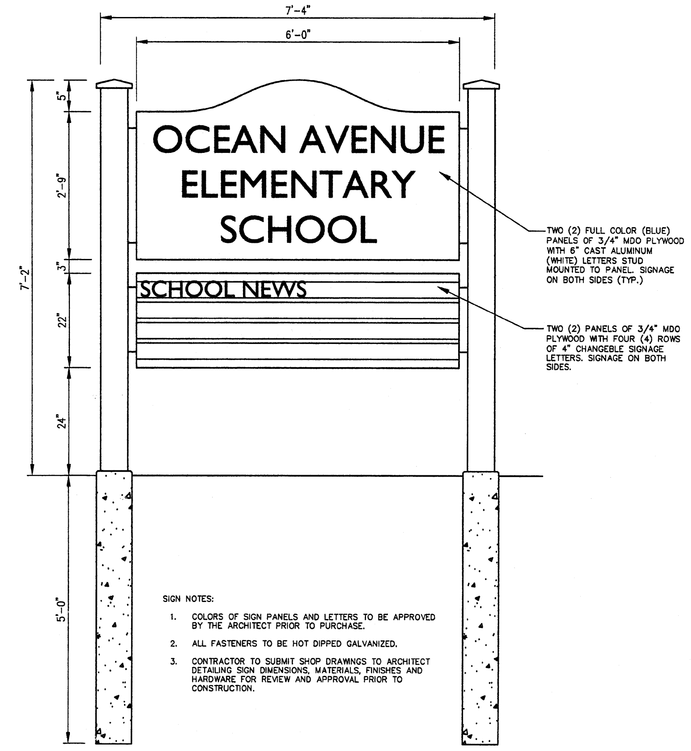


ENERGY DISSIPATER DETAIL

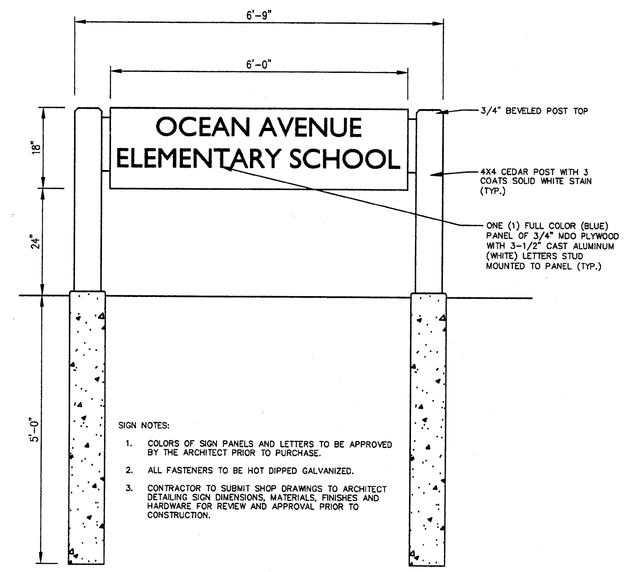
NO SCALE



WALTON STREET SIGN DETAIL



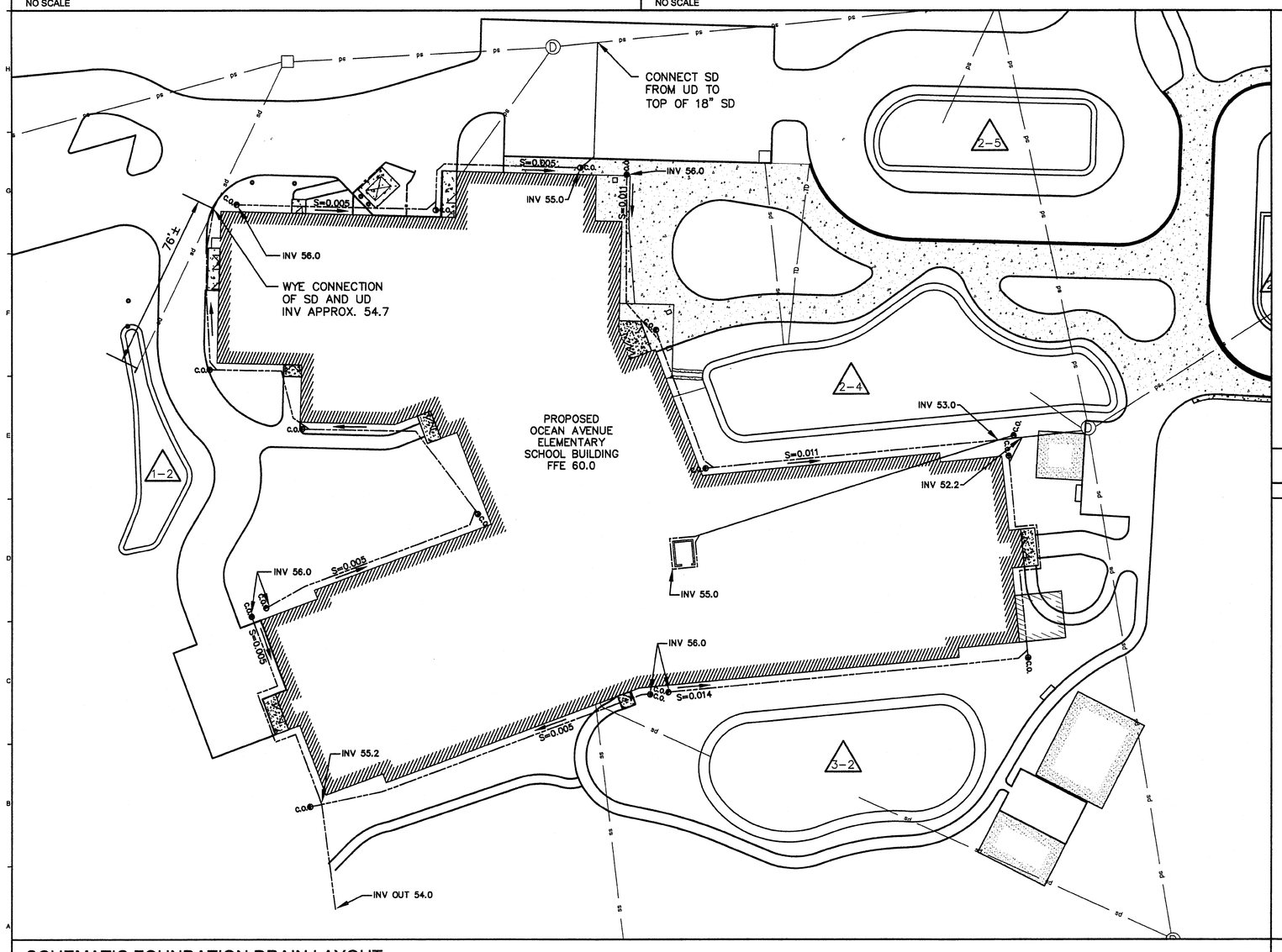
OCEAN AVENUE SIGN DETAIL



DROP OF AREA SIGN DETAIL

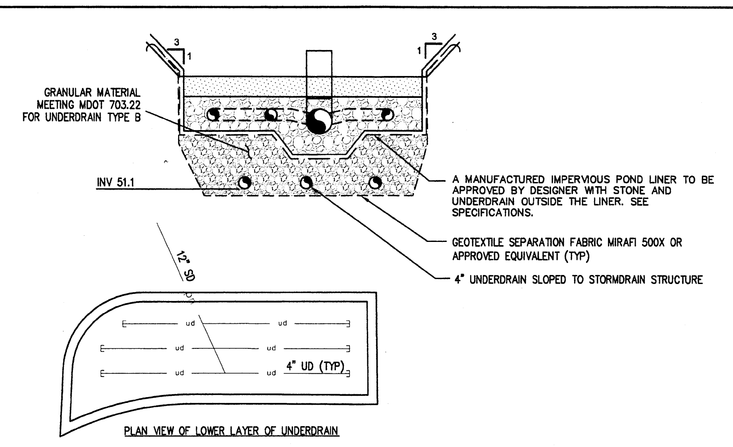
OCEAN AVENUE ELEMENTARY SCHOOL STREET SIGN DETAILS

NO SCALE



SCHEMATIC FOUNDATION DRAIN LAYOUT

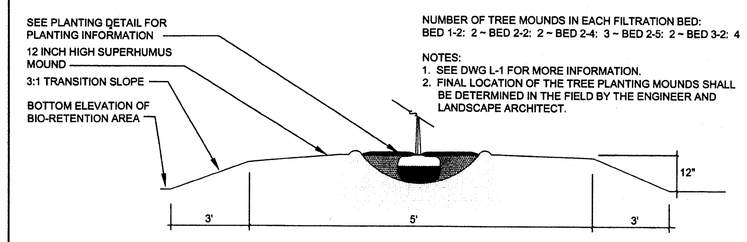
SCALE: 1"=30'



NOTE:
THE STORM DRAIN FROM THIS LAYER SHALL CONNECT INTO THE TOP OF THE 18" STORM DRAIN BETWEEN CB 2 AND DMH 1. EXACT LOCATION TO BE DETERMINED IN THE FIELD AND APPROVED BY DESIGNER.

TYPICAL SECTION: BIO-RETENTION BED 2-5

NO SCALE



NOTES:
1. SEE DWG L-1 FOR MORE INFORMATION.
2. FINAL LOCATION OF THE TREE PLANTING MOUNDS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER AND LANDSCAPE ARCHITECT.

BIO-RETENTION AREA - MOUNDED TREE PLANTING DETAIL

NO SCALE

DETAIL

NO SCALE

DETAIL

NO SCALE

THIS PROJECT IS REGISTERED WITH THE U.S. GREEN BUILDING COUNCIL AS A LEED FOR SCHOOL PROJECT. ALL CONSTRUCTION PROCEDURES SHALL MEET THE REQUIREMENTS OUTLINED IN THIS PROGRAM. FOR MORE INFORMATION SEE "SUSTAINABLE DESIGN REQUIREMENTS", SECTION 018113 OF THE PROJECT SPECIFICATIONS. SITE DISTURBANCE SHALL BE LIMITED TO TWO FEET BEYOND THE TOE OF SLOPE AS INDICATED ON THE GRADING AND DRAINAGE PLAN.

REV.	DESCRIPTION	DATE

PERMIT APPLICATION SUBMISSION
3/18/09
CURRENT ISSUE STATUS:

CIVIL ENGINEERING DESIGN BY:
SUSTAINABLE DESIGN STUDIO
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Portland, Maine 04104-0486
sustainabledesign@maine.rr.com
Tel: (207) 210-8543

STATE OF MAINE — ANN ARCHINO — UNOVE — No. 9539 — LICENSED — PROFESSIONAL ENGINEER — 3/18/09

WBRC ARCHITECTS · ENGINEERS
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PORTLAND, MAINE 207-828-1101
SARASOTA, FLORIDA 941-355-7337

OCEAN AVENUE ELEMENTARY SCHOOL
PORTLAND, MAINE
PROJECT:

SITE DETAILS
SHEET TITLE:

WBRC CAD FILE:	331610-C-501
PROJECT No. 331610	GRAPHIC SCALE: 0" 1"
SCALE: AS NOTED	
PROJECT MANAGER: AAH	SHEET No. C504
DRAWN BY: RMC	
CHECKED BY: AAH	

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Mar 18, 2009 - 9:13am
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