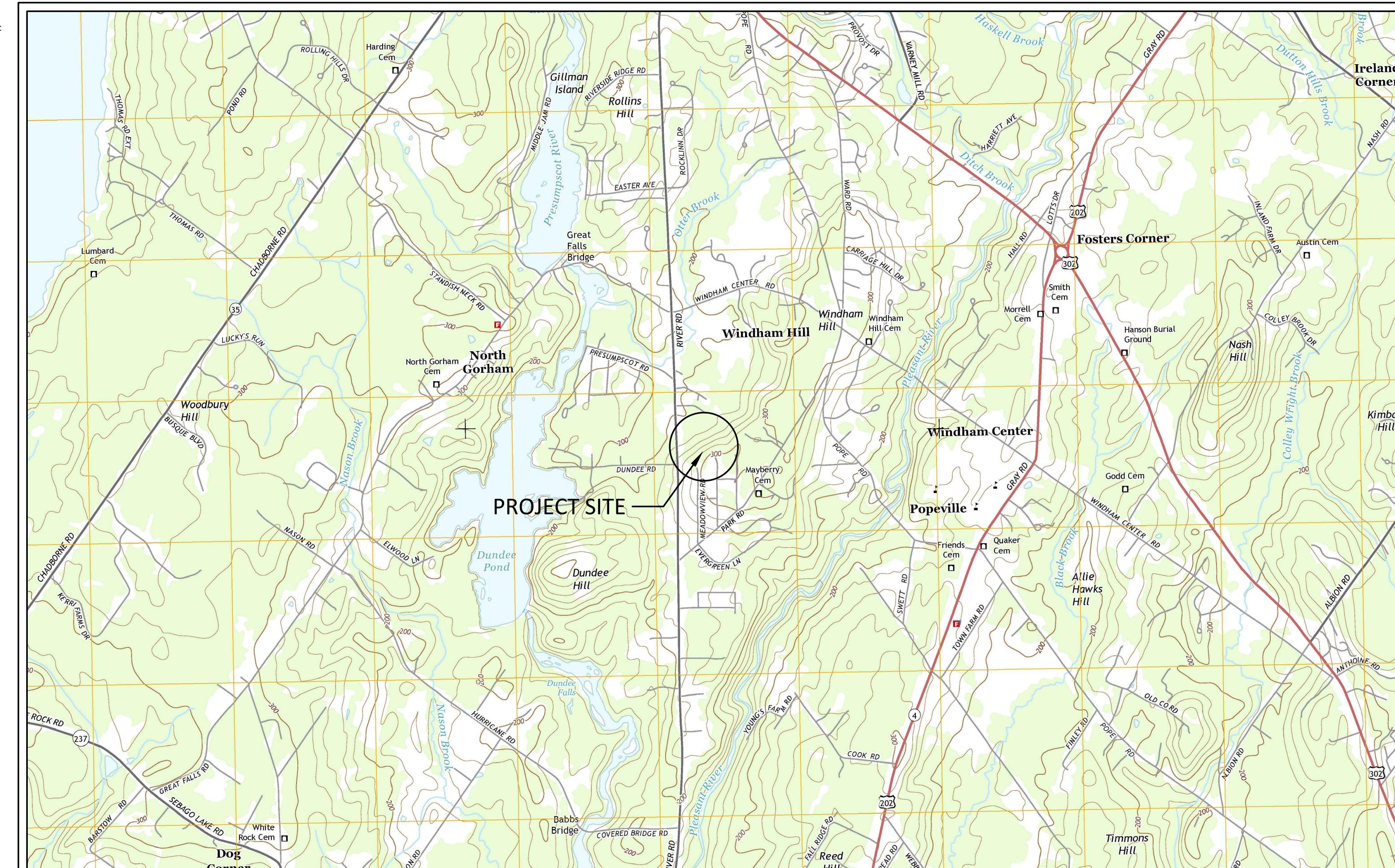


RIVER ROAD SUBDIVISION

RIVER ROAD WINDHAM, MAINE

CONSULTANTS
CIVIL ENGINEER DM ROMA CONSULTING ENGINEERS
LAND SURVEYOR WAYNE WOOD & COMPANY
SITE EVALUATOR ALBERT FRICK ASSOCIATES, INC.
WETLAND SCIENTIST ALBERT FRICK ASSOCIATES, INC.



PROJECT VICINITY MAP

ISSUED TO TOWN FOR REVIEW - NOT FOR CONSTRUCTION

OCTOBER 2, 2017

PREPARED BY:

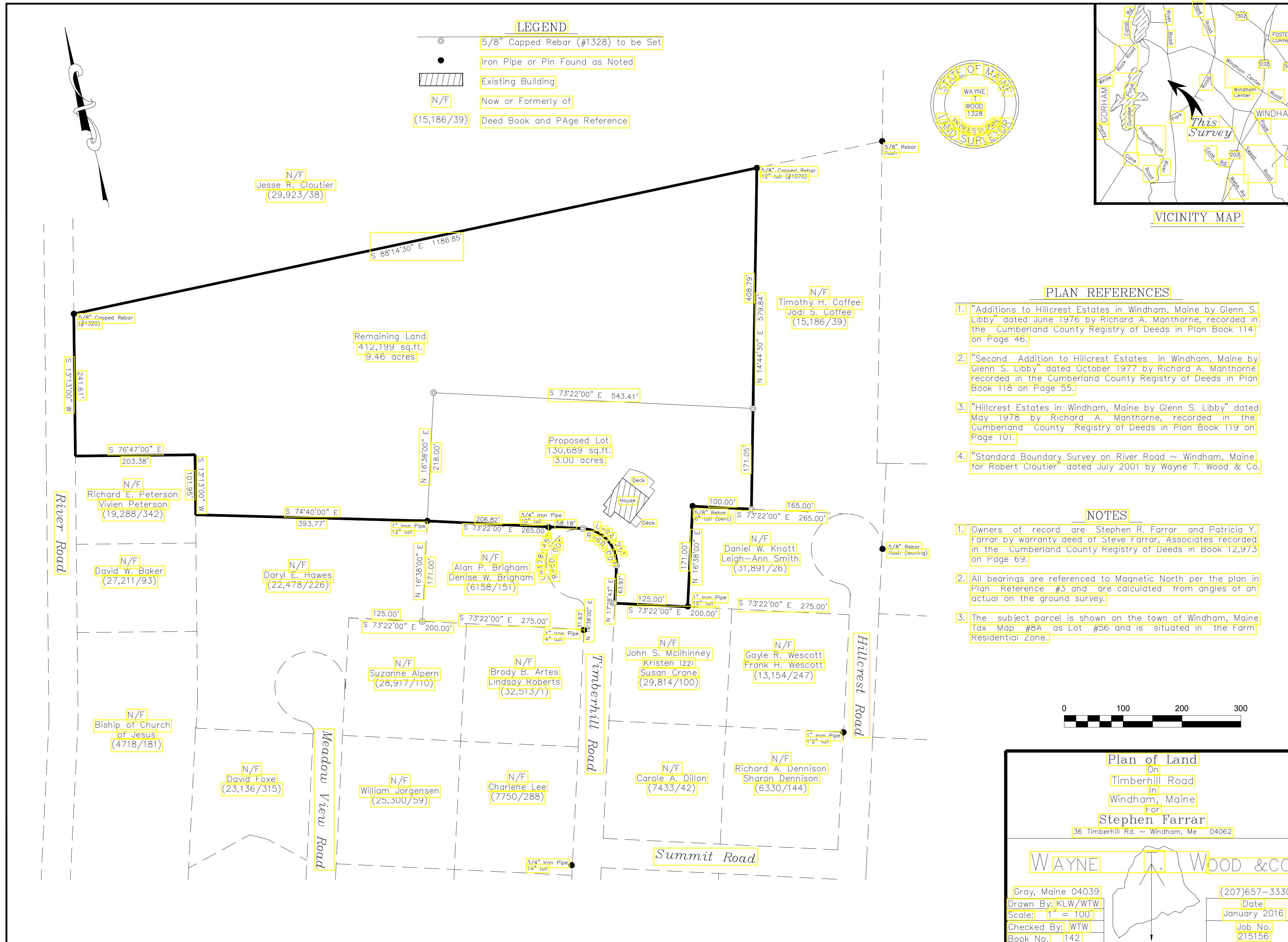
DM ROMA

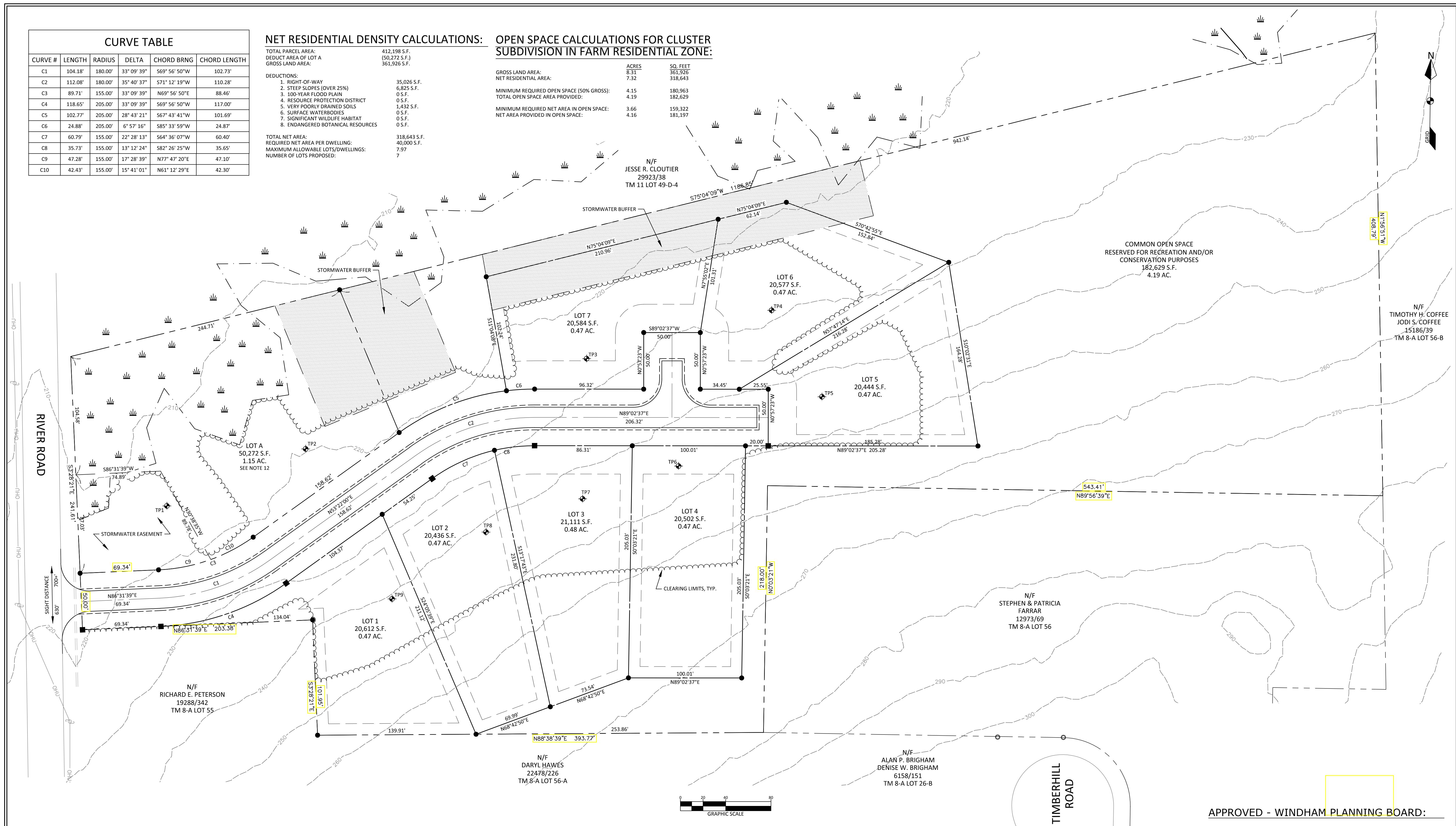
CONSULTING ENGINEERS
59 HARVEST HILL RD
WINDHAM, ME 04062
(207) 310 - 0506

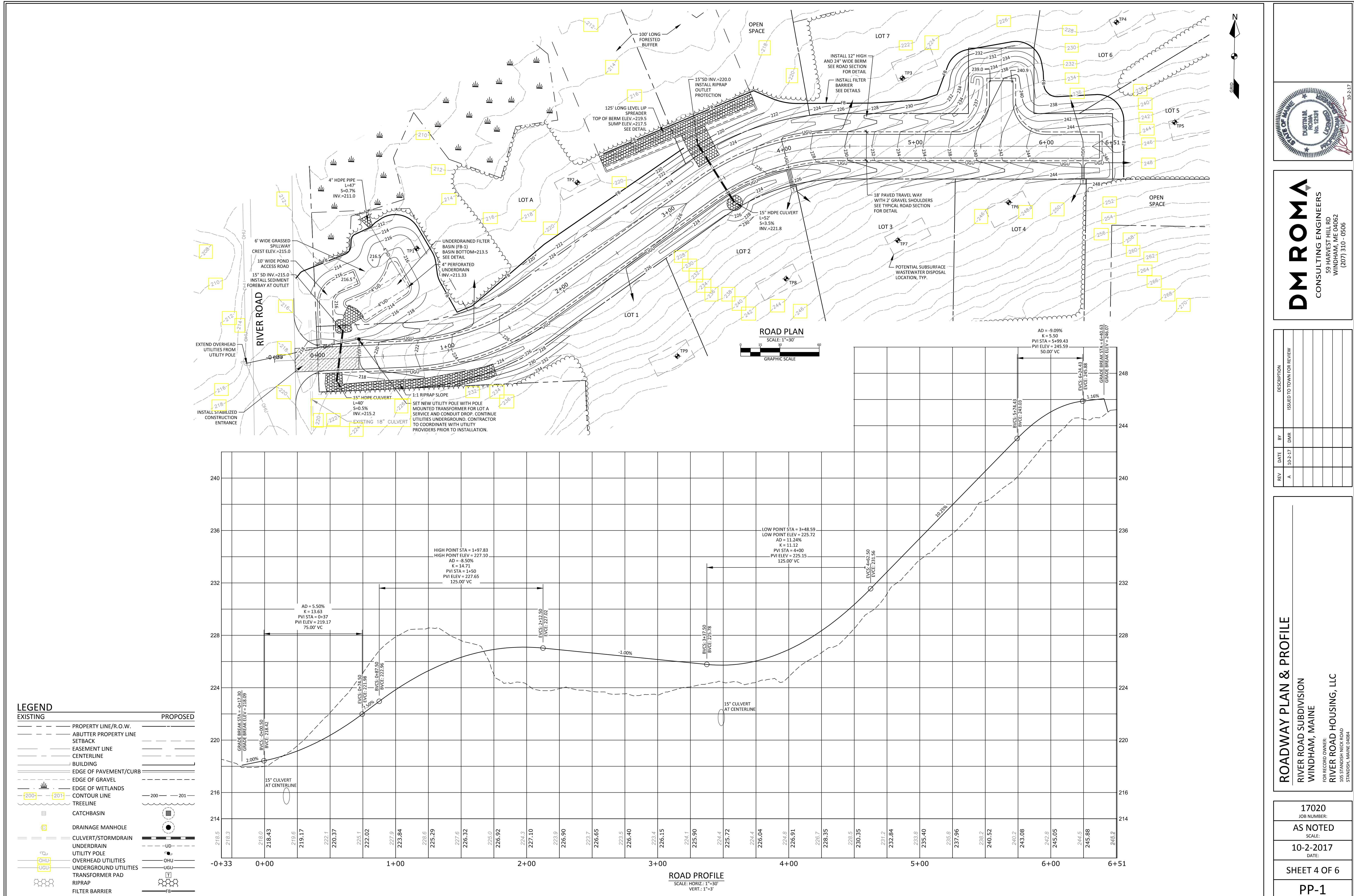
APPLICANT:
RIVER ROAD HOUSING, LLC
108 STANDISH NECK ROAD
STANDISH, MAINE 04084

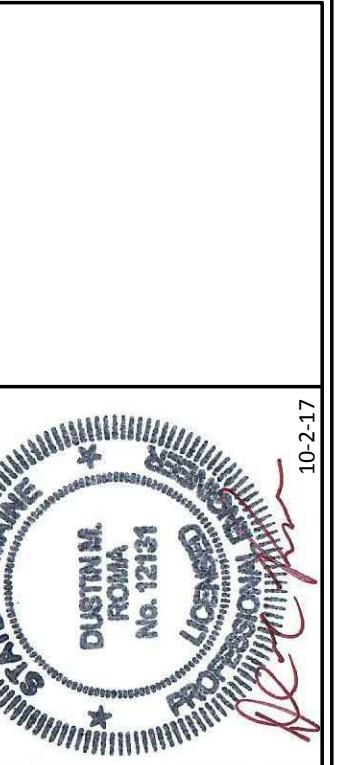
**RIVER ROAD SUBDIVISION
DRAWING SHEET INDEX**

PAGE NO.	DESCRIPTION
1	TITLE SHEET
2	BOUNDARY SURVEY
3	SUBDIVISION PLAN
4	ROADWAY PLAN AND PROFILE
5	DETAILS
6	DETAILS









DM ROMA

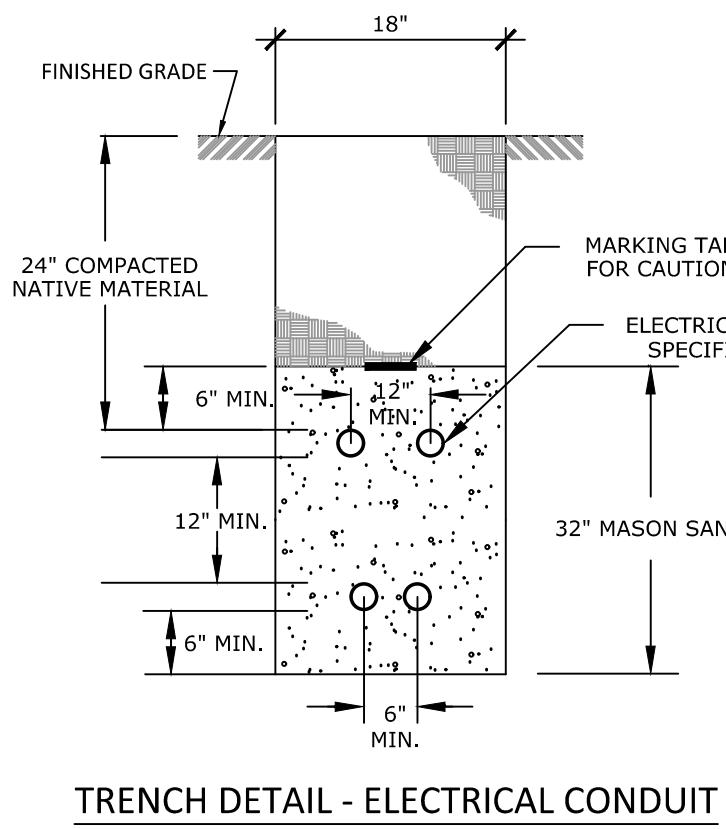


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59 HARVEST HILL RD
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**RIVER ROAD SUBDIVISION
WINDHAM, MAINE**

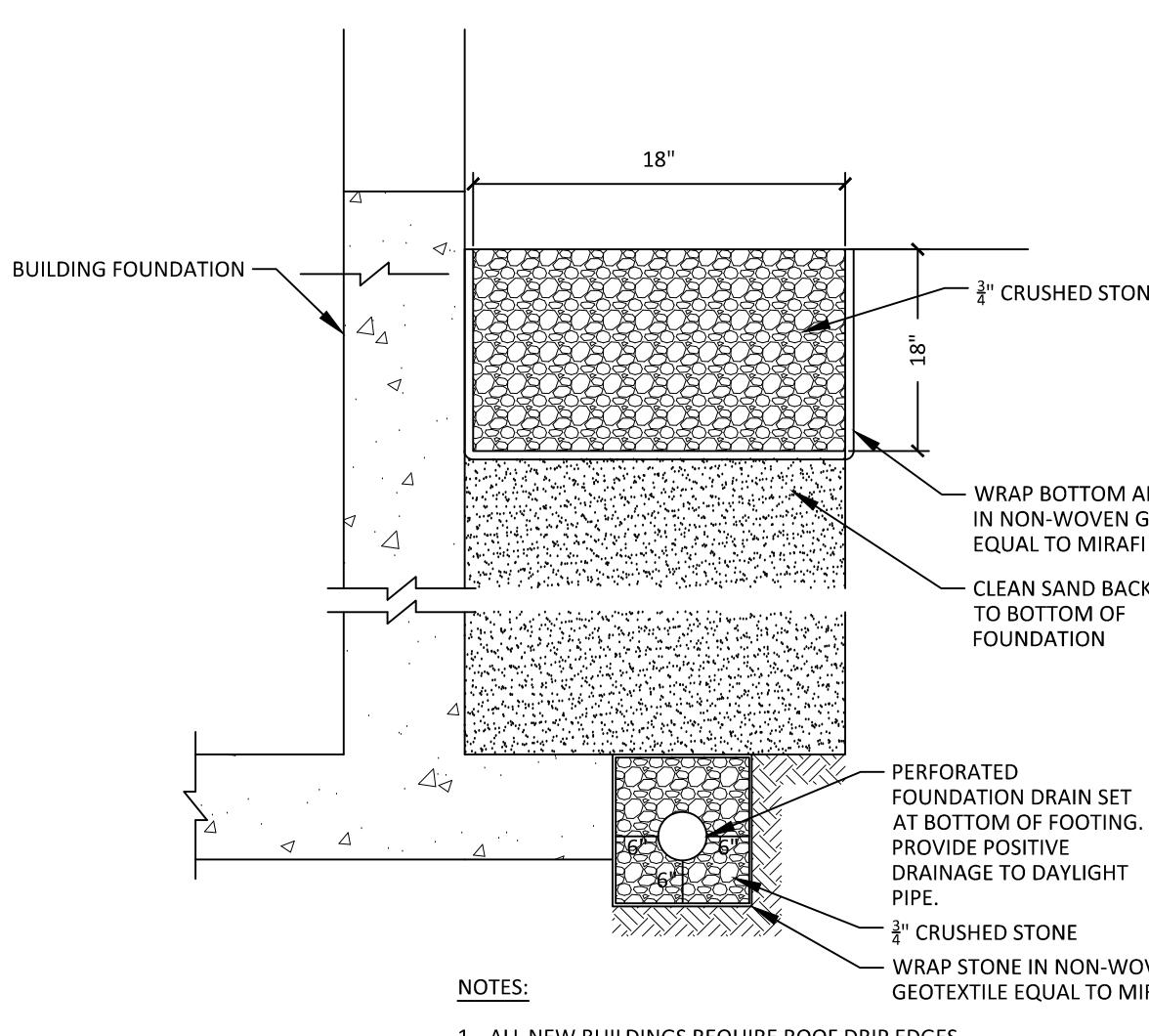
FOR RECORD OWNER:
RIVER ROAD HOUSING, LLC
105 STANDISH NECK ROAD
STANDISH, MAINE 04084

17020
JOB NUMBER:
AS NOTED
SCALE:
10-2-2017
DATE:
SHEET 6 OF 6
D-2

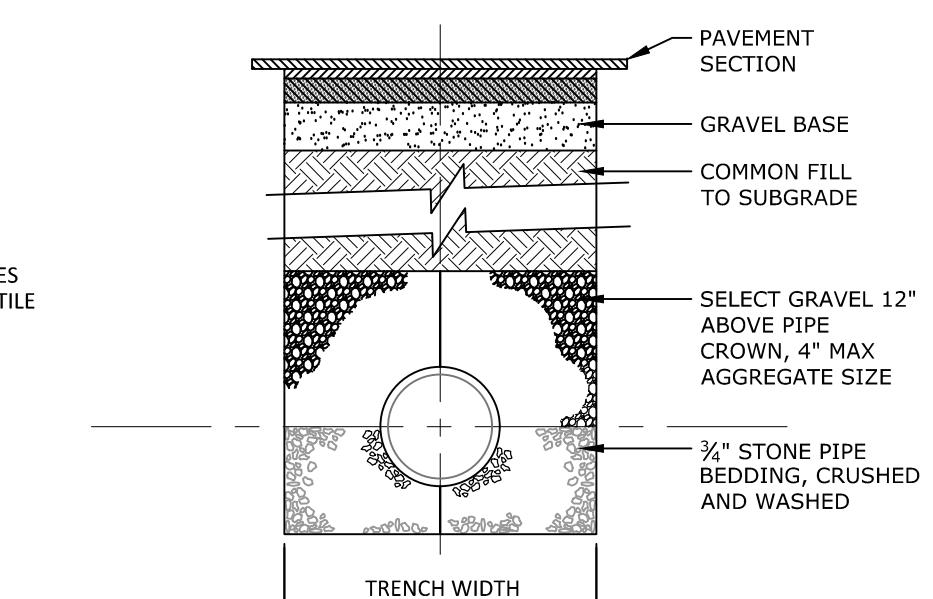


NOTES:

1. ALL CONDUITS SHALL BE 4" DIA. PVC SCH 40 EXCEPT FOR ROAD CROSSINGS SHALL BE PVC SCH 80
2. INSTALLATION SHOULD NOT ALLOW THE INTER-TWINING OF CABLES.
3. BEDDING AND BACKFILL SHALL BE FREE OF ROOTS, STUMPS AND OTHER DEBRIS
4. COMMUNICATION CABLE AND POWER CABLE SHALL HAVE NO LESS THAN 12 INCHES OF RADIAL SEPARATION.

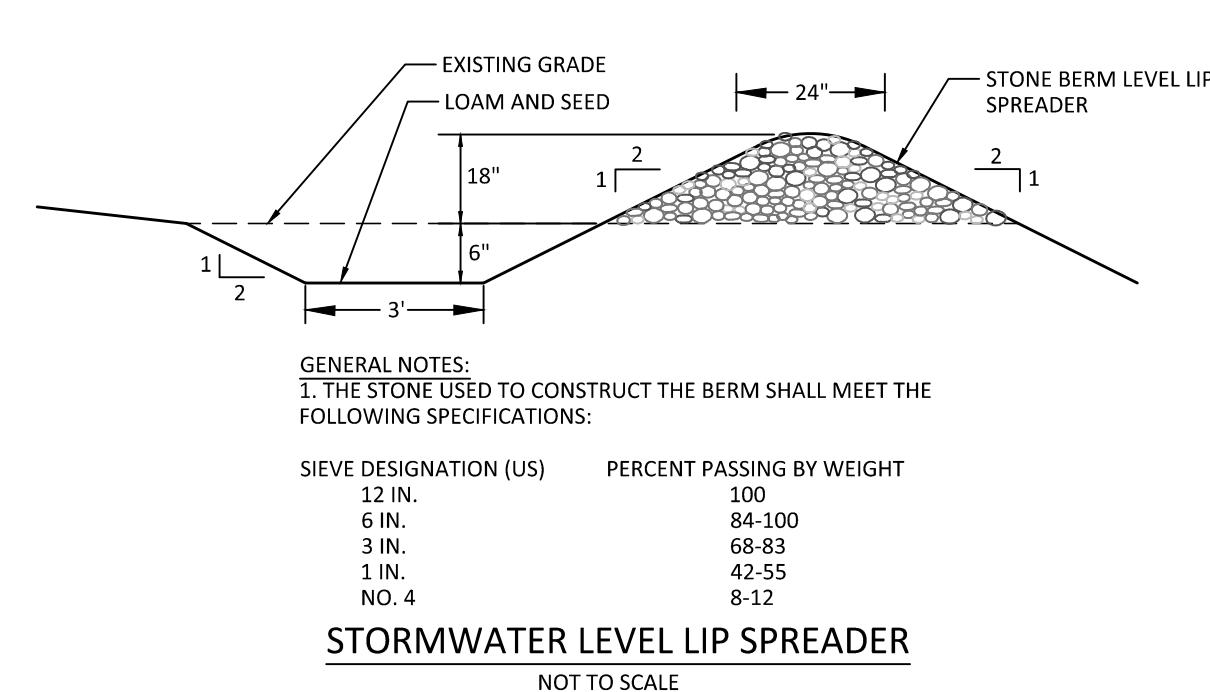


NOTES: WRAP STONE IN NON-WOVEN
GEOTEXTILE EQUAL TO MIRAF
1. ALL NEW BUILDINGS REQUIRE ROOF DRIP EDGES



TYPICAL TRENCH SECTION

NOT TO SCALE



NO. 4 8-12
STORMWATER LEVEL LIP SPREADER
NOT TO SCALE

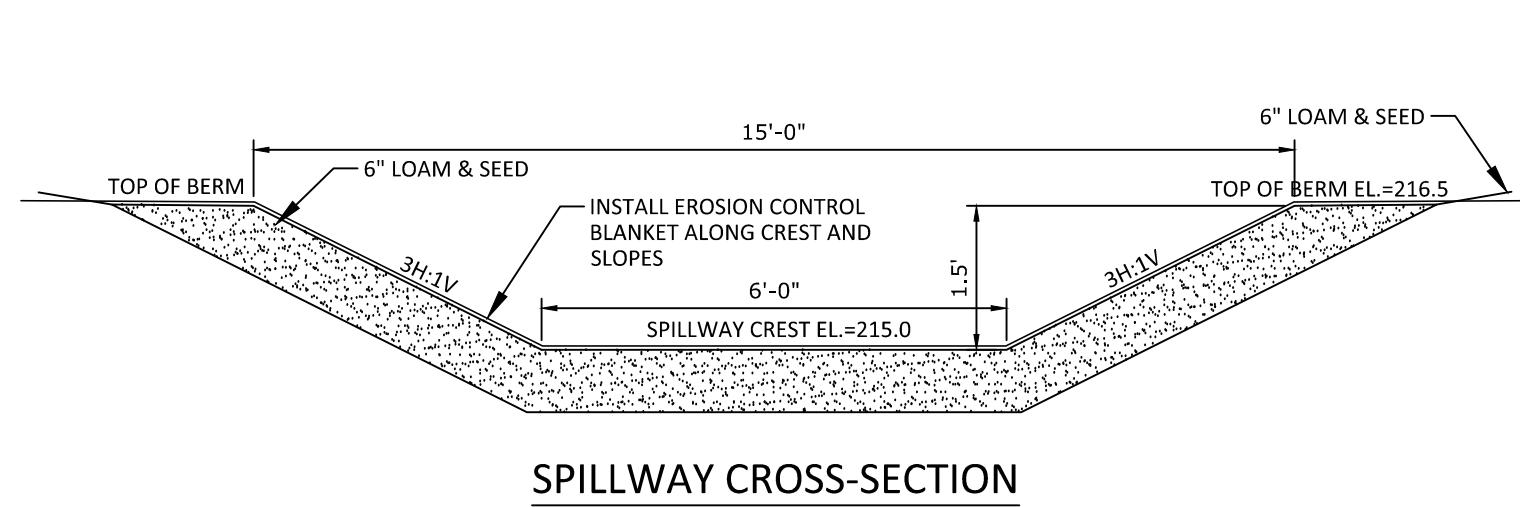
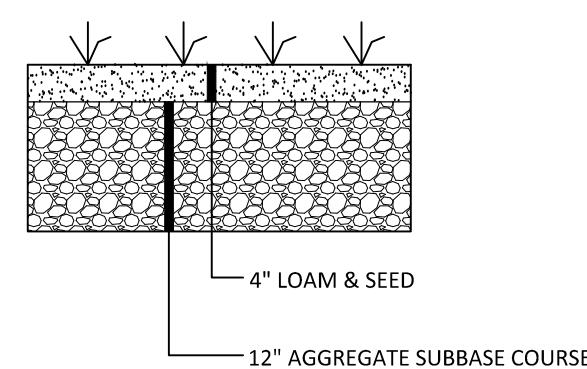
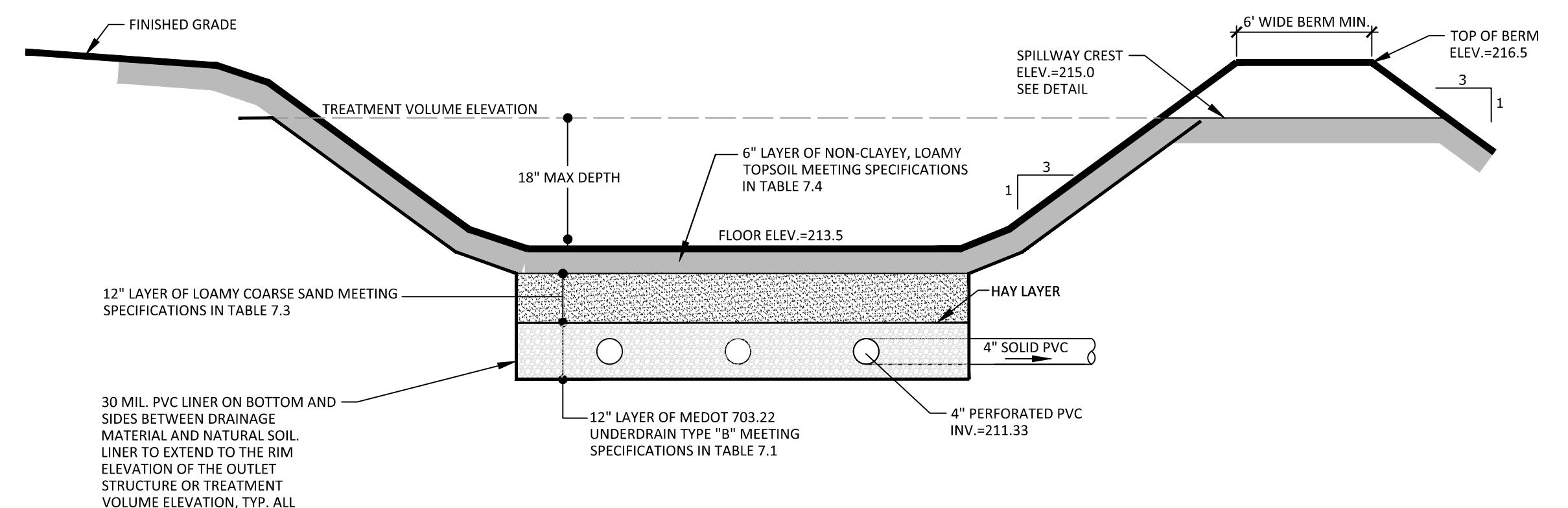


TABLE 7.1 UNDERDRAIN 703.22 TYPE "B"		TABLE 7.3 LOAMY COARSE	
SIEVE SIZE	% PASSING BY WEIGHT	SIEVE SIZE	% PASSING
1"	90-100	#10	85-
1/2"	75-100	#20	70-
#4	50-100	#60	15-
#20	15-80	#200	8-1
#50	0-15	200 CLAY	<2

AND WEIGHT	TABLE 7.4 SANDY LOAM	
	SIEVE SIZE	% PASSING BY WE
0	#4	75-95
0	#10	60-90
	#40	35-85
	#200	20-70



TYPICAL POND ACCESS ROAD SECTION



The diagram shows a cross-section of a sediment forebay. On the left, a vertical structure labeled 'CULVERT' is shown. A horizontal line extends from the culvert to a slope labeled '2H:1V'. This slope leads to a horizontal line labeled 'SUMP ELEV.=214.0'. From this line, another slope labeled '2H:1V' leads down to a horizontal base. The base is labeled 'RIPRAP D50=6" RIPRAP THICKNESS=14"'. To the right of the base, a vertical wall labeled 'GEOTEXTILE EQUAL TO MIRAFI 600X' is shown. A note indicates 'INSTALL 2" SAND MAT BETWEEN GEOTEXTILE AND NATIVE SOIL.'. Above the wall, a horizontal line labeled 'SPILLWAY ELEV.=215.0' is shown. From this line, a slope labeled '3H:1V' leads up to a horizontal top labeled 'TOP OF BERM=216.0'. A vertical dimension of '3' MIN.' is indicated between the spillway elevation and the top of the berm. To the right of the top, a slope labeled '3H:1V' leads down to a horizontal base labeled '2 X 10 P.T. BOARDS'. An arrow points from this base to the right, labeled 'POND'. The entire structure is labeled 'SEDIMENT FOREBAY' at the bottom.

GENERAL NOTES

GENERAL NOTES:

1. CONSTRUCTION SEQUENCE: THE SOIL FILTER MEDIA AND VEGETATION MUST NOT BE INSTALLED UNTIL THE AREA THAT DRAINS TO THE FILTER HAS BEEN PERMANENTLY STABILIZED WITH PAVEMENT OR OTHER STRUCTURE, 90% VEGETATION COVER, OR OTHER PERMANENT STABILIZATION UNLESS THE RUNOFF FROM THE CONTRIBUTING DRAINAGE AREA IS DIVERTED AROUND THE FILTER UNTIL STABILIZATION IS COMPLETED.
2. COMPACTION OF SOIL FILTER: FILTER SOIL MEDIA AND UNDERDRAIN BEDDING MATERIAL MUST BE COMPACTED BETWEEN 90% AND 92% STANDARD PROCTOR. THE BED SHOULD BE INSTALLED IN AT LEAST TWO LIFTS TO PREVENT POCKETS OF LOOSE MEDIA.
3. CONSTRUCTION OVERSIGHT: INSPECTION BY THE DESIGN ENGINEER OR SUITABLE THIRD PARTY WILL OCCUR AT A MINIMUM:
 - A) AFTER THE PRELIMINARY CONSTRUCTION OF THE FILTER GRADES AND ONCE THE UNDERDRAIN PIPES ARE INSTALLED BUT NOT BACKFILLED.
 - B) AFTER THE DRAINAGE LAYER IS CONSTRUCTED AND PRIOR TO THE INSTALLATION OF THE FILTER MEDIA.
 - C) AFTER THE FILTER MEDIA HAS BEEN INSTALLED AND SEDED.
 - D) AFTER ONE YEAR TO INSPECT HEALTH OF THE VEGETATION AND MAKE CORRECTIONS.

E) ALL THE MATERIAL USED FOR THE CONSTRUCTION OF THE FILTER BASIN MUST BE CONFIRMED AS SUITABLE BY THE DESIGN ENGINEER. TESTING MUST BE DONE BY A CERTIFIED LABORATORY TO SHOW THAT THEY ARE PASSING MDEP SPECIFICATIONS.
4. TESTING AND SUBMITTALS: THE CONTRACTOR SHALL IDENTIFY THE LOCATION OF THE SOURCE OF EACH COMPONENT OF THE FILTER MEDIA. ALL RESULTS OF FIELD AND LABORATORY TESTING SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR CONFIRMATION. THE CONTRACTOR SHALL:
 - A) SELECT SAMPLES FOR SAMPLING OF EACH TYPE OF MATERIAL TO BE BLENDED FOR THE MIXED FILTER MEDIA AND SAMPLES OF THE UNDERDRAIN BEDDING MATERIAL. SAMPLES MUST BE A COMPOSITE OF THREE DIFFERENT LOCATIONS (GRABS) FROM THE STOCKPILE OR PIT FACE. SAMPLE SIZE REQUIRED WILL BE DETERMINED BY THE TESTING LABORATORY.
 - B) PERFORM A SIEVE ANALYSIS CONFORMING TO STM C136 (STANDARD TEST METHOD FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATES 1996A) ON EACH TYPE OF THE SAMPLE MATERIAL. THE RESULTING SOIL FILTER MEDIA MIXTURE MUST HAVE 8% TO 12% BY WEIGHT PASSING THE #200 SIEVE, A CLAY CONTENT OF LESS THAN 2% (DETERMINED BY HYDROMETER GRAIN SIZE ANALYSIS) AND HAVE 10% DRY WEIGHT OF ORGANIC MATTER.
 - C) PERFORM A PERMEABILITY TEST ON THE SOIL FILTER MEDIA MIXTURE CONFORMING TO ASTM D2434 WITH THE MIXTURE COMPACTED TO 90-92% OF MAXIMUM DRY DENSITY BASED ON ASTM D698



DETAILS

RIVER ROAD SUBDIVISION
WINDHAM, MAINE
OR RECORD OWNER:
RIVER ROAD HOUSING, LLC
5 STANDISH NECK ROAD

STANDISH, MAINE 04084

