

GENERAL NOTES:

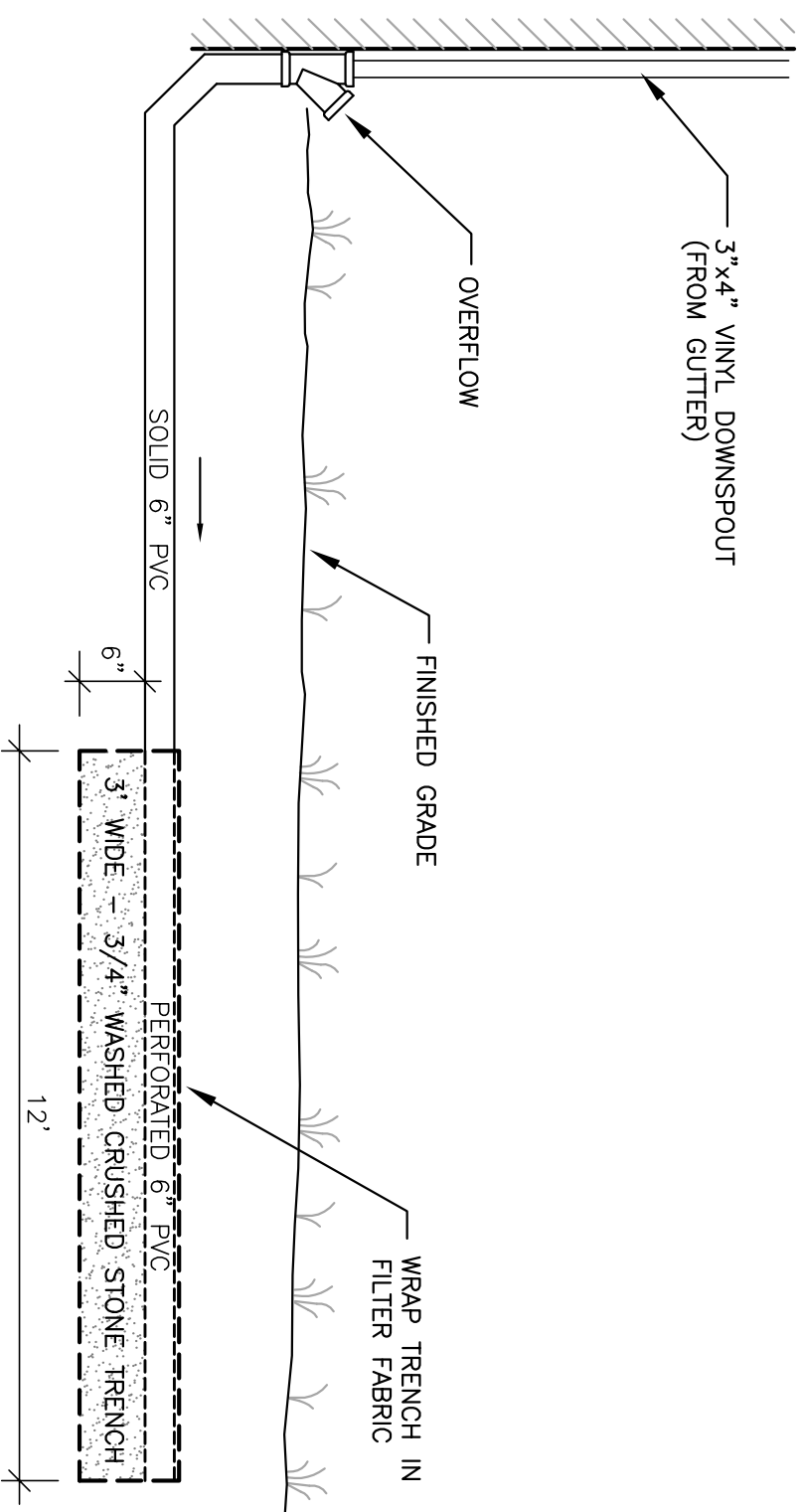
- CONTRACTOR SHALL NOTIFY DIG SAFE AT LEAST 72 HOURS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION. THESE PLANS ARE BASED ON FIELD AND RECORD INFORMATION AND, THEREFORE, MAY NOT COMPLETELY DEPICT ALL EXISTING UTILITIES.
- CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IMMEDIATELY IF FIELD CONDITIONS ARE FOUND TO DIFFER WITH THESE DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION OF THE ADJUTING AREA AND UTILITIES IN THE CONSTRUCTION OF THIS SITE. REPAIR OF DAMAGED PROPERTY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO THE OWNER.
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING ALL CONSTRUCTION.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF PUBLIC INFRASTRUCTURE CONSTRUCTION SPECIFICATIONS, LATEST REVISION.
- ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF NEW BEDFORD DPW STANDARDS.
- THE PROPOSED CONCRETE SIDEWALK AND DRIVEWAY APRONS MUST MEET CURRENT A.D.A. AND CITY STANDARDS. THE PROPOSED DRIVEWAYS SHALL BE 6" CEMENT CONCRETE WITH 6"x6" GAUGE WIRE MESH.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEERING DIVISION 24 HOURS IN ADVANCE TO ENSURE THE PROPOSED SIDEWALK AND DRIVEWAY APRONS AND WHEELCHAIR RAMPS WILL MEET THE CURRENT A.D.A. AND CITY OF NEW BEDFORD STANDARDS.
- PERMITS FOR DRAINAGE, WATER, SIDEWALKS AND DRIVEWAYS MUST BE OBTAINED FROM THE DEPARTMENT OF PUBLIC INFRASTRUCTURE (DPF) ENGINEERING DIVISION BY OWNER.
- ALL UTILITY WORK TO BE CONDUCTED PER DPF SPECIFICATION.
- THE DEVELOPER AND SITE CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE DEPARTMENT OF PUBLIC INFRASTRUCTURE PRIOR TO START OF CONSTRUCTION.

**ZONING REQUIREMENTS:**  
**ZONING DISTRICT – RESIDENCE A (RA)**  
MINIMUM LOT AREA = 8,000 SQ. FT.  
MINIMUM FRONTAGE = 75 FEET  
MINIMUM FRONT YARD = 20 FEET  
MINIMUM SIDE YARD = 8 AND 12 FEET  
MAXIMUM BUILDING COVERAGE = 35% LOT AREA

ROOF DRAIN

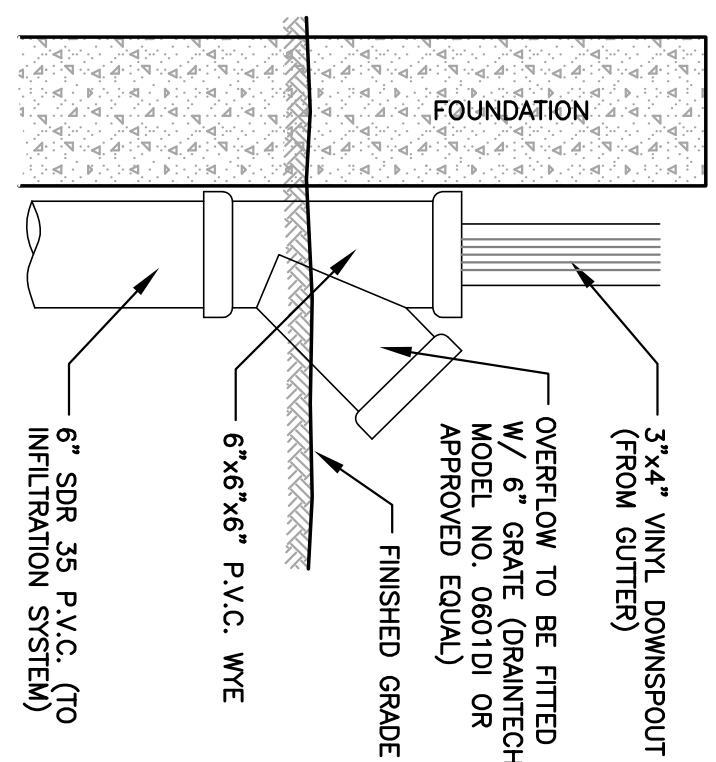
**DETERMINE VOLUME TO RECHARGE**  
INFILTRATE 0.25 INCHES OVER ENTIRE ROOF AREA  
THEREFORE THE RECHARGE VOLUME IS AS FOLLOWS:  
(0.25 INCHES)(1'12") (1.465 S.F. ROOF AREA) = 30.5 C.F.  
**ROOFDRAIN INFILTRATION SYSTEM DESIGN**  
USING A 1" DEEP BY 3" WIDE CRUSHED STONE BED WITH  
A 6" PERFORATED PVC PIPE RUNNING THROUGH IT  
DETERMINE THE LENGTH OF THE TRENCH REQUIRED:  
PIPE VOLUME PER L.F. = 0.25' 2 x 3.14 = 0.1963 C.F.  
STONE BED VOLUME PER L.F. = ((1')(3')-0.1963)(0.40 Voids)  
= 1.1215 C.F.  
TOTAL STORAGE PER L.F. = 0.1963 C.F. + 1.1215 C.F.  
= 1.3178 C.F.

**DETERMINE LENGTH OF TRENCH REQUIRED**  
LENGTH = (30.5 C.F.) / (1.3178 C.F./L.F.) = 23.1449 L.F.  
THEREFORE, USE 2 – 12' LONG TRENCHES



ROOF DRAIN RECHARGE AREA

NOT TO SCALE

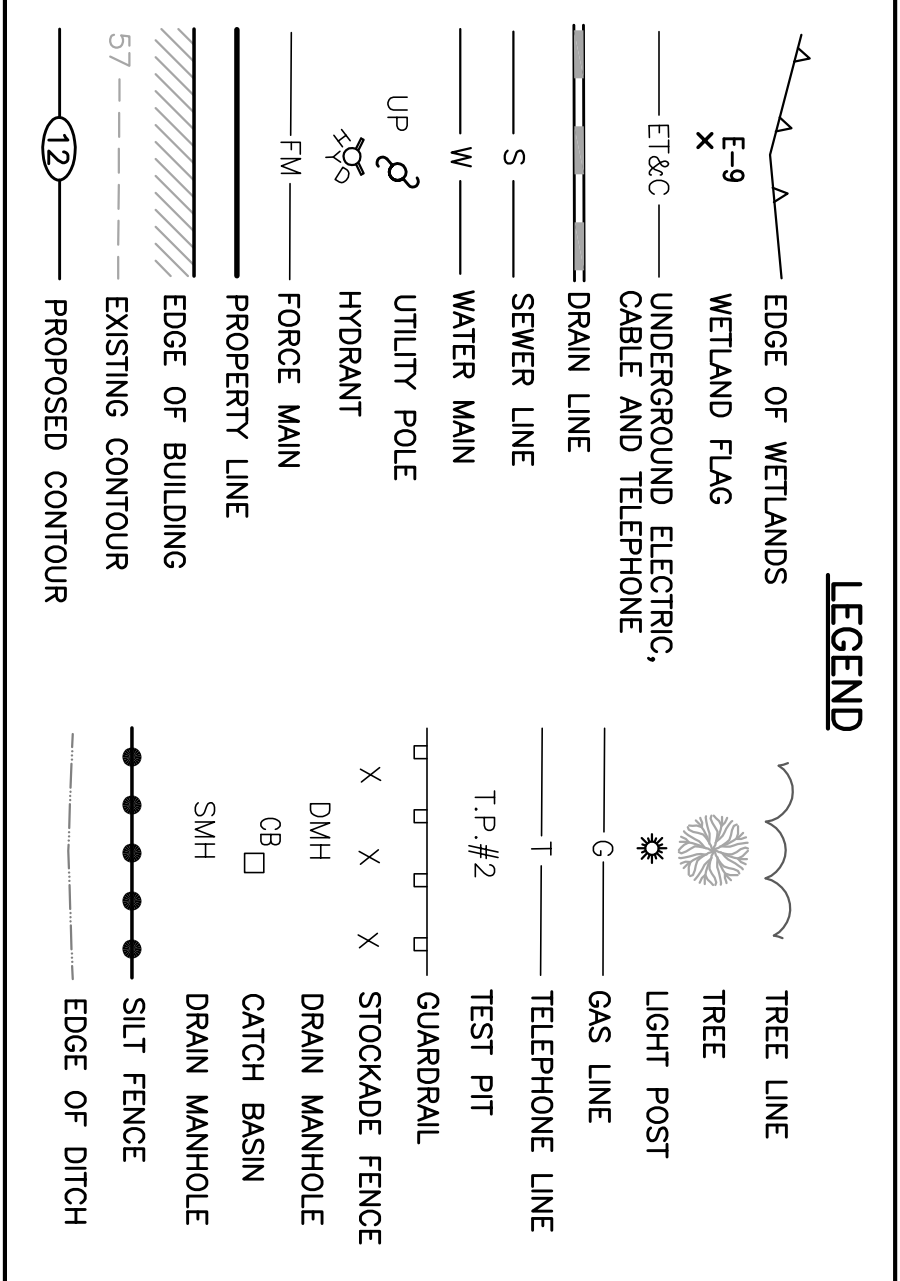
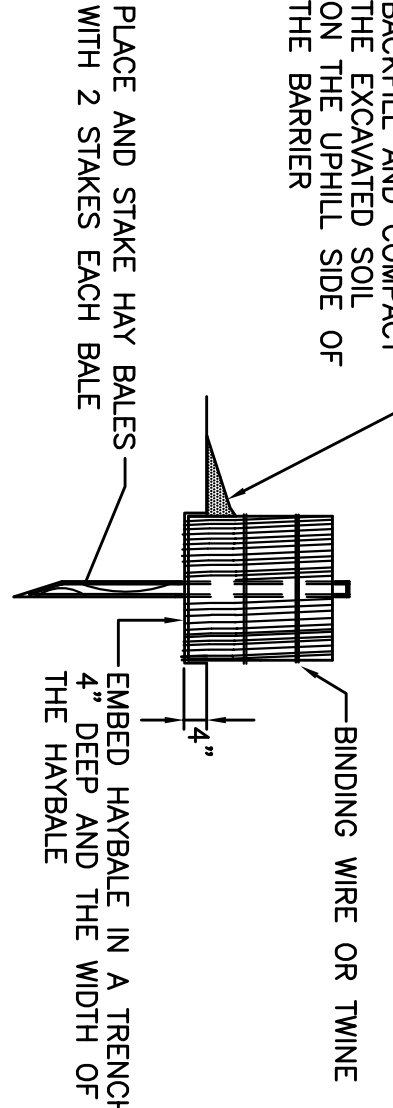


ROOF DRAIN INFILTRATION SYSTEM OVERFLOW DETAIL

NOT TO SCALE

HAY BALE BARRIER DETAIL

NOT TO SCALE



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|--|--|--|---|
| <b>STTEC</b><br>Civil and Environmental Engineering<br>Land Use Planning |  | 449 Fource Corner Road<br>Dorchester, MA 02747<br>(508) 998-2125<br>FAX (508) 998-7554 | scale: 1" = 20'<br>date: 5-22-17<br>drawn: JPT<br>checked: SML<br>approved: SML |
| client:<br>D.P.M. DEVELOPMENT CORP.                                      |  | project:<br>ASSESSORS MAP 136 LOT 533<br>ROSA DRIVE<br>NEW BEDFORD, MASSACHUSETTS      |   |
| drawing title:<br>PLOT PLAN  |  |  | sheet 1 of 1<br>drawing number: 13-5613.2A.PP                                   |