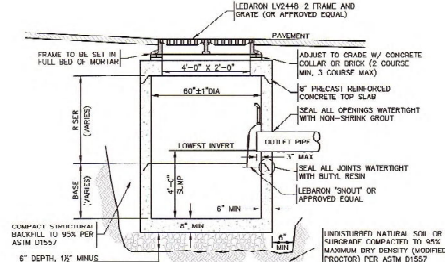


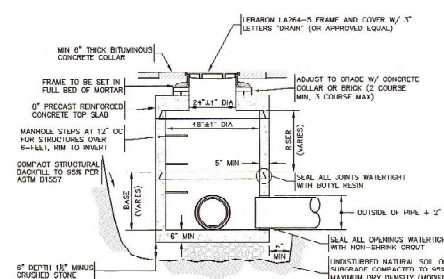
NOTES:
 [1] 4000 PSI PRECAST CONCRETE AT 20 DAYS CONFORMING WITH LATEST ASTM C493
 [2] REINFORCING PER LATEST ASTM A108
 [3] STRUCTURE SHALL BE RATED FOR H=20 LOADING UNLESS SPECIFIED OTHERWISE.

CATCH BASIN
 TYPICAL CROSS SECTION
 NOT TO SCALE



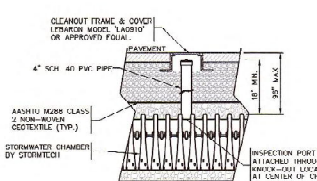
NOTES:
 [1] 4000 PSI PRECAST CONCRETE AT 20 DAYS CONFORMING WITH LATEST ASTM C493
 [2] REINFORCING PER LATEST ASTM A108
 [3] STRUCTURE SHALL BE RATED FOR H=20 LOADING UNLESS SPECIFIED OTHERWISE.

DOUBLE GRATE CATCH BASIN
 TYPICAL CROSS SECTION
 NOT TO SCALE

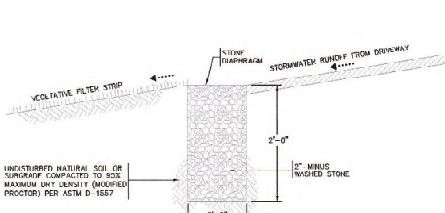


NOTES:
 [1] 4000 PSI PRECAST CONCRETE AT 20 DAYS CONFORMING WITH LATEST ASTM C493
 [2] REINFORCING PER LATEST ASTM A108
 [3] STRUCTURE SHALL BE RATED FOR H=20 LOADING UNLESS SPECIFIED OTHERWISE.

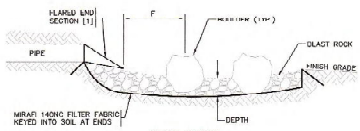
DRAIN MANHOLE
 TYPICAL CROSS SECTION
 NOT TO SCALE



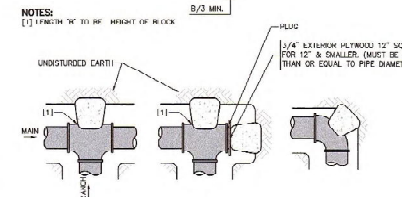
INSPECTION PORT
 TYPICAL CROSS SECTION
 NOT TO SCALE



STONE DIAPHRAGM
 TYPICAL CROSS SECTION
 NOT TO SCALE

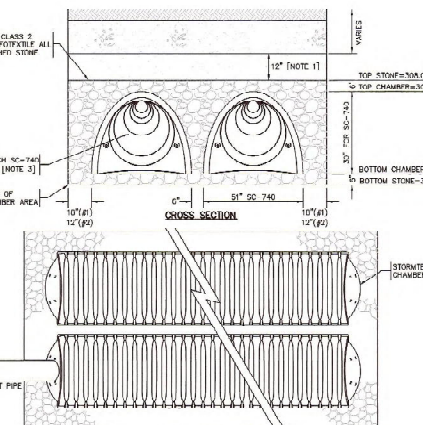


THRUST BLOCK SCHEDULE
 TYPICAL CROSS SECTION
 NOT TO SCALE



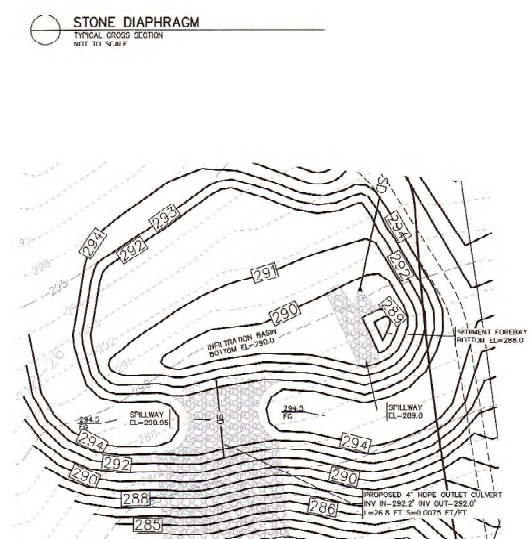
FITTING SIZES	DIMENSION FOR THRUST BLOCK							
	90° BENDS		45° BENDS & 90°/45°		22 1/2° BENDS		OTHER	
	A	B	A	B	A	B	A	B
4"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
8"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
10"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
12"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
14"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
16"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
18"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
20"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"
24"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"

[3] FOR THE PROMOTE THRUST BLOTTING FOR BRANCH SIZE
 [4] THIS TABLE IS BASED ON 200 P.S.I. MAX. PRESSURE AND 2000 P.S.F. SOIL BEARING CAPACITY. ADJUST DIMENSIONS AS NECESSARY FOR SOIL CONDITIONS AND PRESSURES ENCOUNTERED.
 [5] WRAP PIPE IN 6 MIL POLYETHYLENE FILM AND SECURE WITH TAPE AT ALL THRUST BLOCKS.
 [6] CURING SHALL HAVE A COMBINATIONAL SCHEDULE OF 2500 P.S.I. AT 28 DAYS.
 [7] BLOTTING FREQUENCY SHALL BE INCREASED IF REQUIRED BY ENGINEER.

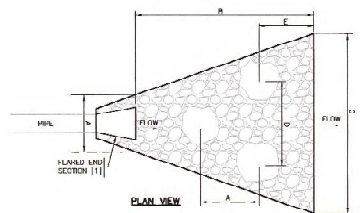


NOTES:
 [1] GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES. COMPACT IN 6" LIFTS TO MINIMUM DRY DENSITY PROCTOR.
 [2] SEE STORMTECH CHAMBER INSTALLATION GUIDE FOR MANUFACTURER'S SPECIFICATIONS AND MATERIAL SPECIFICATIONS.
 [3] CONSTRUCTION SHOWN MAY NOT BE ACCURATE. SEE SITE PLAN.
 [4] ALL CHAMBERS MAY NOT BE SHOWN. SEE SITE PLAN FOR NUMBER AND CONFIGURATION.

INFILTRATION BED #1 & #2
 NOT TO SCALE



INFILTRATION BASIN & SEDIMENT FOREBAY
 SCALE: 1"=10'



LEVEL SPREADER
 NOT TO SCALE

NOTES:
 [1] INSTALL TRASH RACK OR OTHER MEANS OF PREVENTION ON PIPE OUTLET TO PREVENT UNWANTED ITEMS FROM ENTERING CALCHEIT.
 [2] DO NOT PLACE ROCKS WITHIN LEVEL SPREADER FOR MULTI PIPE DIAMETERS LESS THAN 12".

DRAWING ISSUED FOR:
 CONCEPT CONSTRUCTION
 PERMIT CONSTRUCTION RECORD

THIS DRAWING MAY NOT SHOW CONSTRUCTION DETAILS AND SPECIFICATIONS FOR ALL PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION WORK ITEMS/AREAS OF CONTRACTOR JURISDICTION.

FOR 280 OUR 5.03(13), THE FOLLOWING ARE EXCLUDED FROM THE PROFESSIONAL ENGINEER'S RESPONSIBILITY. ALL BOUNDARY INFORMATION, LOCATION OF EXISTING STRUCTURES, UTILITIES, TOPOGRAPHY OR ROAD OR PATHWAYS, SLOPES OF RETAINING WALLS, PROPRIETARY EQUIPMENT, SEE EXISTING CONDITION NOTES.

NO.	DATE	BY	APP.	REVISION DESCRIPTION

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DATE: AUGUST 2019
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