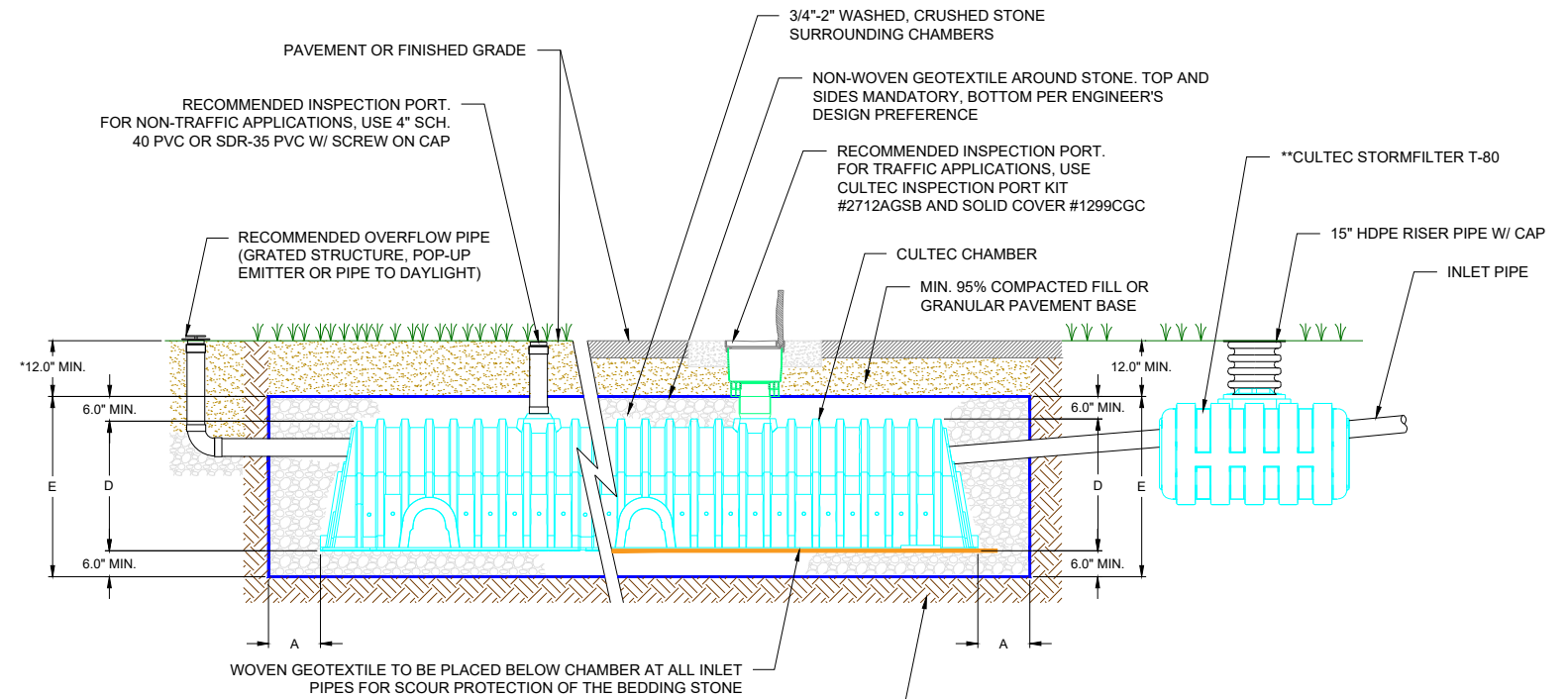


THE DESIGN ENGINEER OR INSTALLER IS RESPONSIBLE FOR ENSURING THE SUITABILITY OF THE SUB-GRADE SOILS. THE SUB-GRADE SHOULD BE FIRM, STABLE, INORGANIC, AND HAVE SUFFICIENT BEARING CAPACITY TO SUPPORT THE SYSTEM

\*FOR NON-TRAFFIC APPLICATIONS, THE DEPTH OF COVER ABOVE THE EMBEDMENT STONE LAYER MAY BE REDUCED TO 6.0"

**TYPICAL CROSS-SECTION DETAIL**



THE DESIGN ENGINEER OR INSTALLER IS RESPONSIBLE FOR ENSURING THE SUITABILITY OF THE SUB-GRADE SOILS. THE SUB-GRADE SHOULD BE FIRM, STABLE, INORGANIC, AND HAVE SUFFICIENT BEARING CAPACITY TO SUPPORT THE SYSTEM

\*FOR NON-TRAFFIC APPLICATIONS, THE DEPTH OF COVER ABOVE THE EMBEDMENT STONE LAYER MAY BE REDUCED TO 6.0"  
 \*\*CULTEC RECOMMENDS THE USE OF THE STORMFILTER T-80 UPSTREAM OF ALL SYSTEM INLETS. THE STORMFILTER T-80 MUST BE LOCATED IN A NON-TRAFFIC AREA

**TYPICAL PROFILE DETAIL**

		SPECIFICATION TABLE		
		CONTACTOR 100HD	RECHARGER 180HD	RECHARGER 330XLHD
REF.	BARE CHAMBER VOLUME	1.87 FT <sup>3</sup> /FT 14.00 FT <sup>3</sup> /UNIT 105 GAL	3.45 FT <sup>3</sup> /FT 21.81 FT <sup>3</sup> /UNIT 163 GAL	7.46 FT <sup>3</sup> /FT 52.21 FT <sup>3</sup> /UNIT 391 GAL
A	STONE BORDER (IN)	12	12	12
B	CHAMBER WIDTH (IN)	36	36	52
C	ROW SPACING (IN)	6	6	6
D	CHAMBER HEIGHT (IN)	12	20	30
E	EFFECTIVE DEPTH (IN)	24	32	42
	CHAMBER LENGTH (FT)	8	7.33	8.50

**CULTEC STORMWATER CHAMBER**

PROJECT NO: \_\_\_\_\_ DATE: 08/24  
 DESIGNED BY: TECH CHECKED BY: DPG  
 SCALE: N.T.S. SHEET NO: 1 OF 1

RESIDENTIAL APPLICATION  
TYPICAL DETAILS

**CULTEC**  
 Subsurface Stormwater Management Systems  
 P.O. Box 280 PH: 1(203) 775-4416  
 878 Federal Road PH: 1(800) 4-CULTEC  
 Brookfield, CT 06804 CT-tech@cultec.com  
 www.cultec.com

THIS DRAWING HAS BEEN PREPARED TO SUPPORT THE PROJECT ENGINEER'S DESIGN FOR THE PROPOSED SYSTEM. THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO CULTEC UNDER THE DIRECTION OF THE PROJECT ENGINEER OF RECORD. CULTEC SYSTEMS DESIGN IS IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS, REGULATIONS AND MANUFACTURER REQUIREMENTS.