



**GENERAL NOTES**

RECHARGER 902HD BY CULTEC, INC. OF BROOKFIELD, CT. THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS. ALL RECHARGER 902HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. CALL CULTEC, INC. AT (800) 428-5832 TO ARRANGE A PRE-CONSTRUCTION MEETING. USE RECHARGER 902HD HEAVY DUTY FOR TRAFFIC APPLICATIONS.

**LINER NOTES**

CULTEC RECOMMENDS THE USE OF NON-REINFORCED 30 MIL. POLYVINYL CHLORIDE (PVC) MEMBRANE LINERS FOR THERMOPLASTIC LINER DETENTION SYSTEMS. THE RECOMMENDED CONFIGURATION OF THE LINER SYSTEM IS 30 MIL. PVC MEMBRANE PLACED BETWEEN 2 LAYERS OF 8 OZ. NON-WOVEN GEOTEXTILE FABRIC. IF SYSTEM IS TO CONTAIN RUNOFF FROM AGGRESSIVE CHEMICAL CONTAMINANTS A LINER SPECIALIST MUST BE CONSULTED. PVC LINERS MAY BE FIELD SOLVENT WELDED, TAPED, FIELD HEAT WELDED, OR PREFABRICATED (TYPICALLY UP TO 20,000 S.F.) DEPENDANT UPON APPROVAL OF THE DESIGN ENGINEER. CULTEC DOES NOT RECOMMEND INSTALLING LINED CHAMBER SYSTEMS BELOW GROUNDWATER LEVEL. IF GROUNDWATER IS EXPECTED TO BE NEAR THE LINER SYSTEM, THE CONSULTING DESIGN ENGINEER MAY REQUIRE A PERFORATED PIPE "UNDERDRAIN" SYSTEM TO CONTROL GROUNDWATER LEVELS. A PEAK FLOW STRUCTURE SHOULD BE INCORPORATED BY THE CONSULTING DESIGN ENGINEER IN ORDER TO PASS THE HIGH FLOW LEVELS ENSURING THAT THE LINER IS NOT OVERTOPPED. ALL LINED DETENTION SYSTEM DESIGNS MUST BE PERFORMED BY THE CONSULTING DESIGN ENGINEER AND CULTEC RECOMMENDS A LINER PROFESSIONAL BE CONSULTED ON ALL DESIGNS REQUIRING LINER SYSTEMS.



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THIS DRAWING WAS PREPARED TO SUPPORT THE DESIGN ENGINEER FOR THE PROPOSED SYSTEM. IT IS THE ULTIMATE RESPONSIBILITY OF THE DESIGN ENGINEER TO ASSURE THAT THE STORMWATER SYSTEM'S DESIGN IS IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ENSURE THAT THE CULTEC PRODUCTS ARE DESIGNED IN ACCORDANCE WITH CULTEC'S MINIMUM REQUIREMENTS. CULTEC INC. DOES NOT APPROVE PLANS, SIZING, OR SYSTEM DESIGNS. THE DESIGNING ENGINEER IS RESPONSIBLE FOR ALL DESIGN DECISIONS.

RECHARGER 902HD  
 PAVED TRAFFIC APPLICATION  
 IMPERMIABLE LINER DETAIL

CULTEC RECHARGER 902HD CHAMBER	
PROJECT NO:	DATE: 07/2015
DESIGNED BY: CULTEC, INC	DRAWN BY: TECH
SCALE: N.T.S.	SHEET NO: 1 OF 1