

PROPOSED LAYOUT

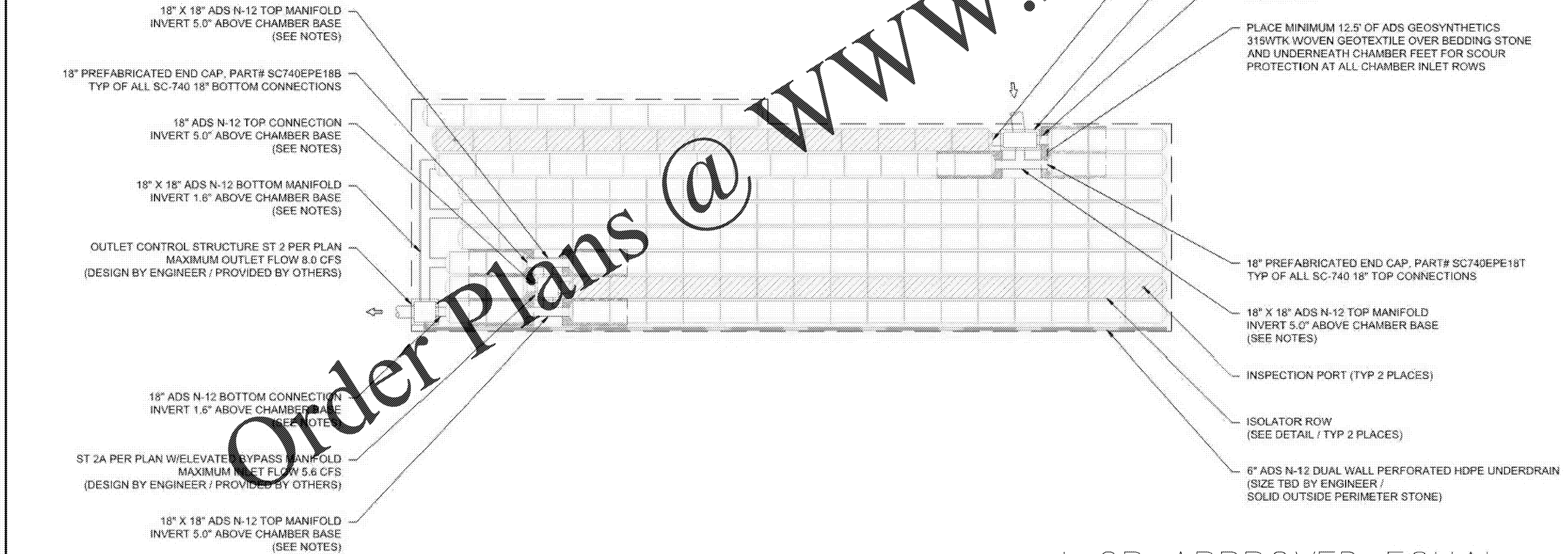
156	STORMTECH SC-740 CHAMBERS
28	STORMTECH SC-740 END CAPS
6	STONE ABOVE (in)
12	STONE BELOW (in)
40	1/4 STONE VOID
14235	TOTAL INSTALLED SYSTEM VOLUME (CF) (PERIMETER STONE INCLUDED)
3126	WATER QUALITY VOLUME (CF) BELOW ELEVATION 337.63 (PERIMETER STONE INCLUDED)
6209	SYSTEM AREA (ft ²)
383	SYSTEM PERIMETER (ft)

PROPOSED ELEVATIONS

348.00	MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED)
342.00	MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC)
341.50	MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC)
341.50	MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT)
341.50	MINIMUM ALLOWABLE GRADE (TOP OF RIGID PAVEMENT)
340.50	TOP OF STONE
340.00	TOP OF SC-740 CHAMBER
337.92	18" TOP MANIFOLD/CONNECTION INVERT
337.63	18" BOTTOM MANIFOLD/CONNECTION INVERT
337.51	24" ISOLATOR ROW CONNECTION INVERT
337.50	BOTTOM OF SC-740 CHAMBER
336.50	UNDERDRAIN INVERT
336.50	BOTTOM OF STONE

NOTES

- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECHNICAL NOTE 6.32 FOR MANIFOLD SIZING GUIDANCE.
- DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.



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* OR APPROVED EQUAL

CIRCLE K DIESEL FUEL EXPANSION		CORDELE, GA	
DATE:	08/16/20	DRAWN:	SLV
PROJECT #:	S197252	CHECKED:	AGC
		521 CROWWELL AVENUE ROCKY HILL, CT 06867 860.529.8188 888.852.2684 WWW.STORMTECH.COM	
4840 TRUEMAN BLVD HILLIARD, OH 43026		40' 20' 0'	
THIS DRAWING HAS BEEN PREPARED BASED ON INFORMATION PROVIDED TO ADS UNDER THE DIRECTION OF THE SITE DESIGN ENGINEER OR OTHER PROJECT REPRESENTATIVE. THE SITE DESIGN ENGINEER SHALL REVIEW THIS DRAWING PRIOR TO CONSTRUCTION. IT IS THE U.L.TIMATE RESPONSIBILITY OF THE SITE DESIGN ENGINEER TO ENSURE THAT THE PRODUCT(S) DEPICTED AND ALL ASSOCIATED DETAILS MEET ALL APPLICABLE LAWS, REGULATIONS, AND PROJECT REQUIREMENTS.			
2		SHEET OF 6	