

PROJECT INFORMATION	
PROJECT NO.	19-303
CLIENT	UDG DETENTION
DESIGNER	ROBERTSON LOIA ROOF ARCHITECTS & ENGINEERS
DATE	09-01-2020
PROJECT	19-303

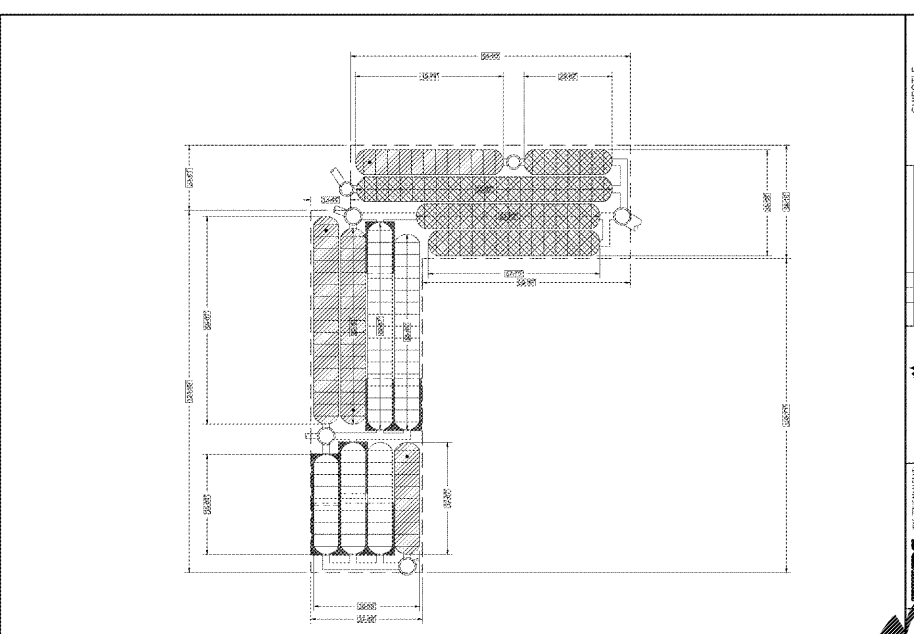


CHIPOTLE CARTERSVILLE, GA

MC-4500 STORMTECH CHAMBER SPECIFICATIONS

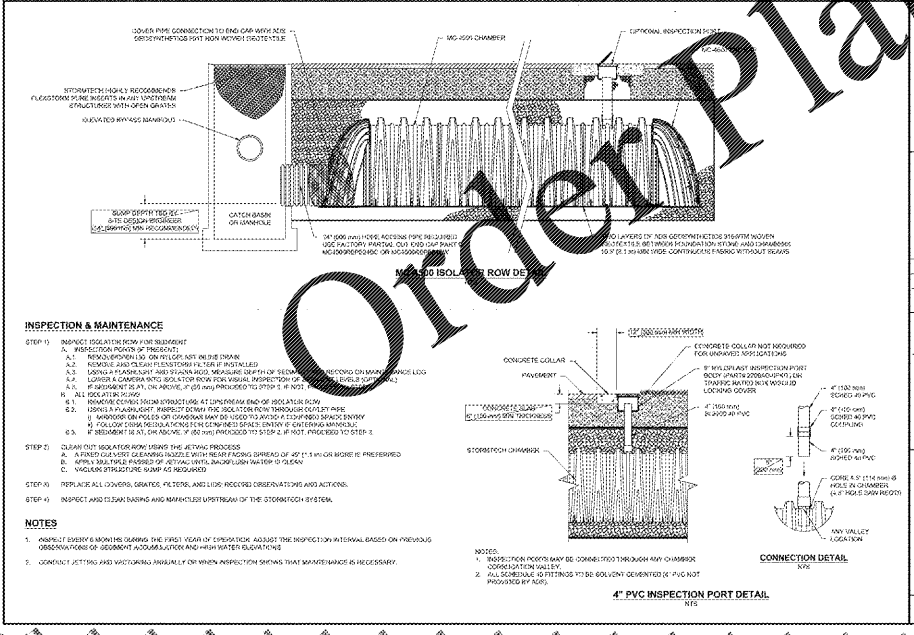
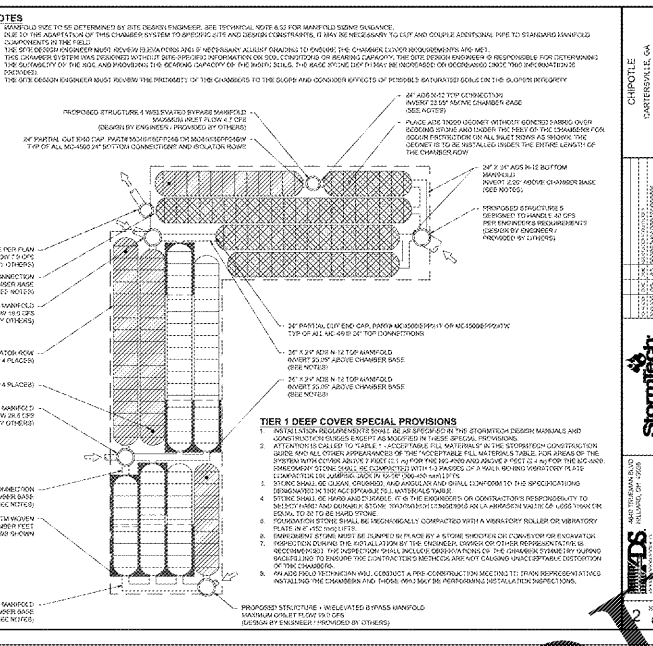
- CHAMBERS SHALL BE STORMTECH MC-4500.
- CHAMBERS SHALL BE MANUFACTURED FROM POLYPROPYLENE REINFORCED CONCRETE.
- CHAMBERS SHALL MEET THE DESIGN REQUIREMENTS FOR A 50-YEAR DESIGN LIFE PER THE STORMTECH MC-4500 SPECIFICATION FOR POLYPROPYLENE REINFORCED CONCRETE.
- CHAMBERS SHALL BE MANUFACTURED WITH INTEGRAL PROTECTIVE COATING TO PREVENT CORROSION OF REINFORCEMENT.
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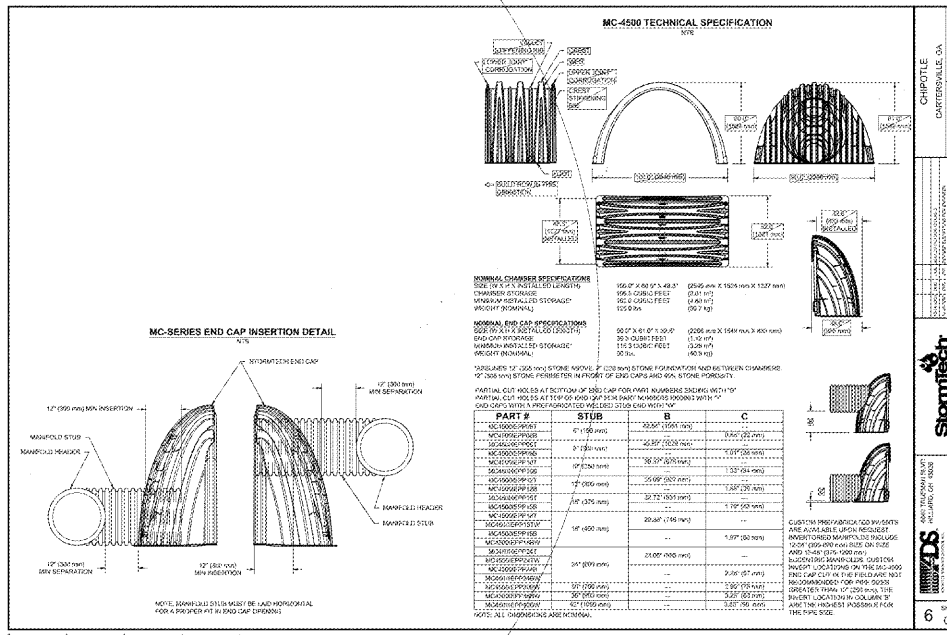


PROPOSED LAYOUT	
1	CHAMBER
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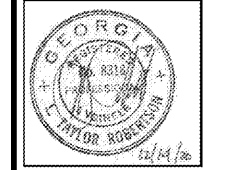
PROPOSED ELEVATIONS	
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ACCEPTABLE FILL MATERIALS: STORMTECH MC-4500 CHAMBER SYSTEMS		
MATERIAL LOCATION	DESCRIPTION	CONTRACTION / DENSITY REQUIREMENT
1. FINISH GRADE FILL	ANY STABLE SOILS WITH LESS THAN 15% FINE PARTICLES (NO. 20 SIEVE) AND LESS THAN 5% CLAY (NO. 40 SIEVE) PARTICLES. MAXIMUM MOISTURE CONTENT SHALL BE 25%.	95% RELATIVE DENSITY (ASTM D 1557)
2. CHAMBER FILL	ANY STABLE SOILS WITH LESS THAN 15% FINE PARTICLES (NO. 20 SIEVE) AND LESS THAN 5% CLAY (NO. 40 SIEVE) PARTICLES. MAXIMUM MOISTURE CONTENT SHALL BE 25%.	95% RELATIVE DENSITY (ASTM D 1557)
3. CHAMBER FILL	ANY STABLE SOILS WITH LESS THAN 15% FINE PARTICLES (NO. 20 SIEVE) AND LESS THAN 5% CLAY (NO. 40 SIEVE) PARTICLES. MAXIMUM MOISTURE CONTENT SHALL BE 25%.	95% RELATIVE DENSITY (ASTM D 1557)
4. CHAMBER FILL	ANY STABLE SOILS WITH LESS THAN 15% FINE PARTICLES (NO. 20 SIEVE) AND LESS THAN 5% CLAY (NO. 40 SIEVE) PARTICLES. MAXIMUM MOISTURE CONTENT SHALL BE 25%.	95% RELATIVE DENSITY (ASTM D 1557)



ROBERTSON LOIA ROOF ARCHITECTS & ENGINEERS
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CARTERSVILLE, GEORGIA
CHIPOTLE
 405 EAST MAIN ST. CARTERSVILLE, GA 30121
 FOR:
CARTERSVILLE QSR, LLC
 ATLANTA, GEORGIA

REVISIONS	
1	CITY COMMENTS 10-15-20
2	UPDATED ADS DRAWINGS 12-21-20

UDG DETENTION DETAILS SHEET
 SHEET TITLE: UDG DETENTION DETAILS SHEET
 DATE: 09-01-2020
 PROJECT NUMBER: 19-303
 SHEET NUMBER: C-6.4