

Project Summary

Date:	8/16/2012
Project Name:	7-Eleven
City / County:	Rockwall / Rockwall
State:	TX
Designed By:	TAB
Company:	
Telephone:	

Enter Information in
Blue Cells

Corrugated Metal Pipe Calculator

Storage Volume Required (cf):	9,073
Limiting Width (ft):	47.00
Invert Depth Below Asphalt (ft):	5.00
Solid or Perforated Pipe:	Solid
Shape Or Diameter (in):	36
Number Of Headers:	2
Spacing between Barrels (ft):	1.00
Stone Width Around Perimeter of System (ft):	0
Depth A: Porous Stone Above Pipe (in):	4
Depth C: Porous Stone Below Pipe (in):	4
Stone Porosity (0 to 40%):	40

7.07 ft² Pipe Area

System Sizing

Pipe Storage:	9,147 cf	
Porous Stone Storage:	0 cf	
Total Storage Provided:	9,147 cf	100.8% Of Required Storage
Number of Barrels:	12 barrels	
Length per Barrel:	100.0 ft	
Length Per Header:	47.0 ft	
Rectangular Footprint (W x L):	47. ft x 106. ft	

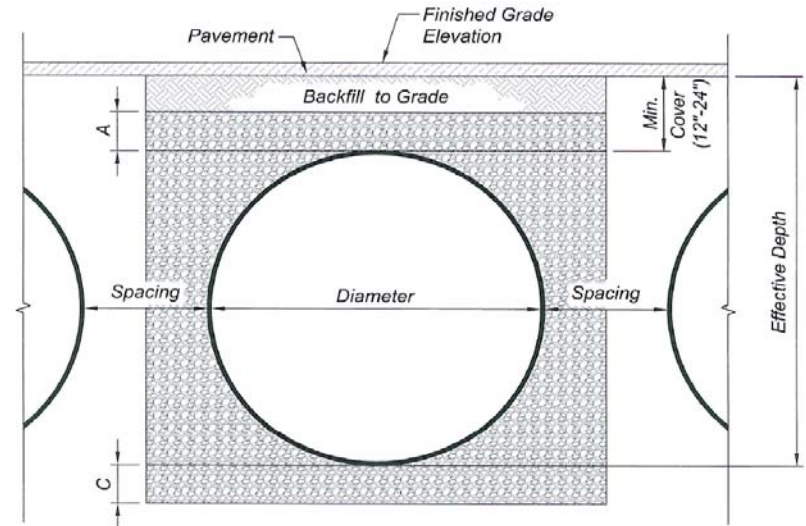
CONTECH Materials

Total CMP Footage:	1,294 ft
Approximate Total Pieces:	64 pcs
Approximate Coupling Bands:	74 bands
Approximate Truckloads:	7 trucks

Construction Quantities**

Total Excavation:	923 cy
Porous Stone Backfill For Storage:	0 cy stone
Backfill to Grade Excluding Stone:	584 cy fill

**Construction quantities are approximate and should be verified upon final design



System Layout

- Barrel 12
- Barrel 11
- Barrel 10
- Barrel 9
- Barrel 8
- Barrel 7
- Barrel 6
- Barrel 5
- Barrel 4
- Barrel 3
- Barrel 2
- Barrel 1

Number Of Barrels Exceed Graph Limitations