



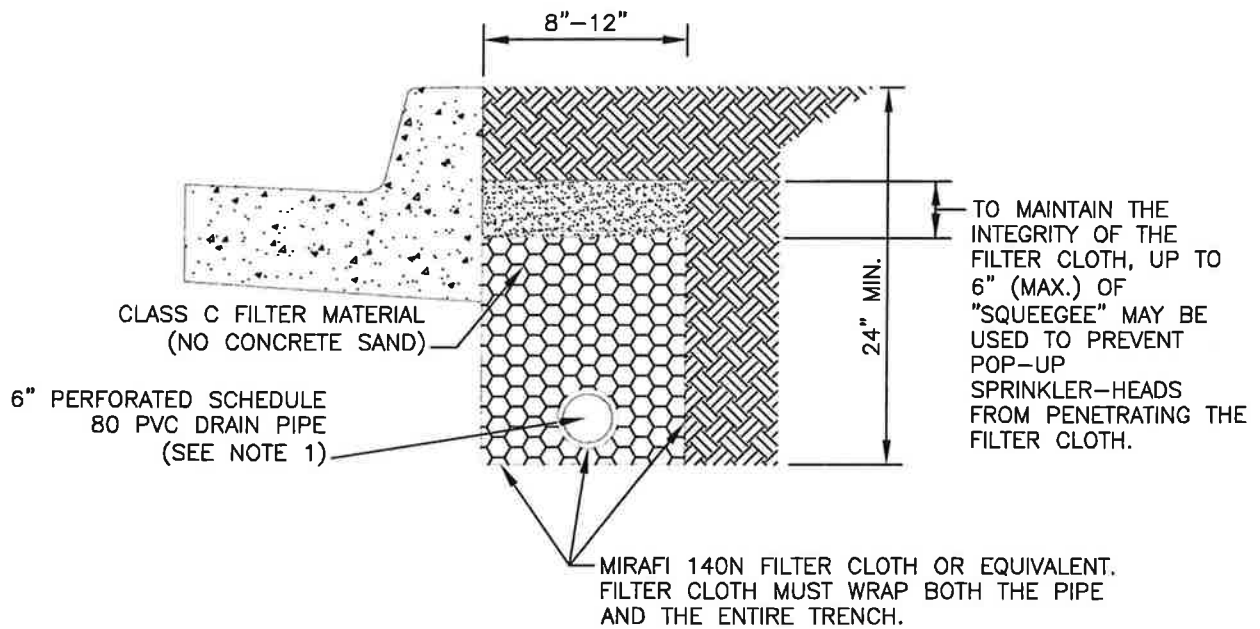
INDEX OF DETAILS

STORM

<u>PAGE</u>	<u>DETAIL</u>
-------------	---------------

- | | |
|-----|------------------------------|
| S-1 | Curb Trench Drain |
| S-2 | Underdrain Outlet Treatment |
| S-3 | Median Underdrain & Cleanout |
| S-4 | Sidewalk Chase |
| S-5 | Sidewalk Chase Details |
| S-6 | Pipe Bedding for Storm Pipe |


Note: For all other Drainage-related Details, refer to the latest Urban Drainage and Flood Control District's Manual and the latest CDOT Specifications.



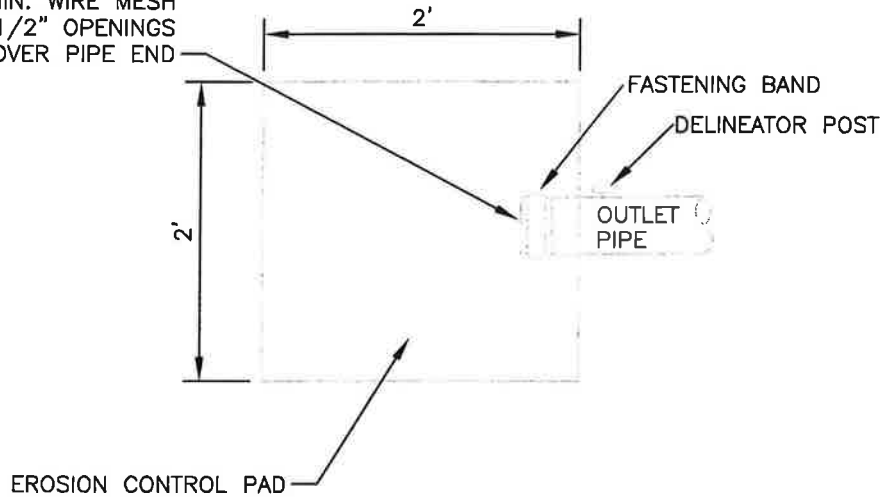
CURB TRENCH DRAIN

NOTES:

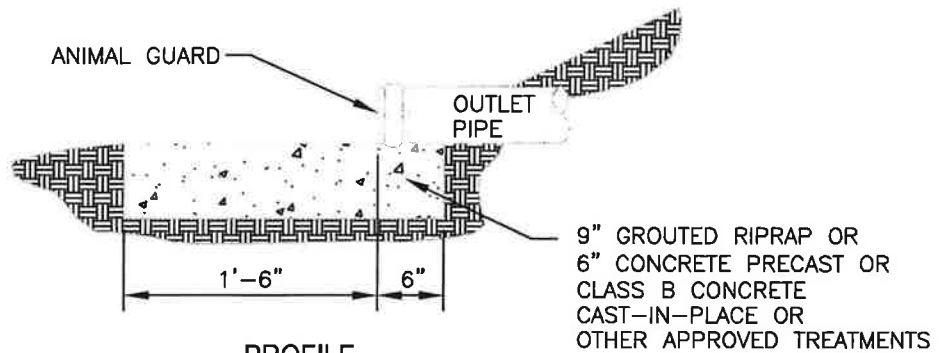
1. THE 6" DRAIN PIPE WILL BE CONNECTED TO A STORM DRAINAGE SYSTEM TO CREATE A POSITIVE DRAINAGE OF RUNOFF.
2. REQUIRED WHEN GROUND WATER IS PRESENT BELOW SUBGRADE OR AT DISCRETION OF CITY ENGINEER.

	
CURB TRENCH DRAIN	
Scale: NONE	Date: SEPTEMBER 2010
Revised: DECEMBER 2014	Detail: S-1

GALVANIZED 12 GAGE
MIN. WIRE MESH
1/2"x1/2" OPENINGS
OVER PIPE END



PLAN VIEW



PROFILE

NOTES:

1. CONNECTIONS TO EXISTING INLETS OR MANHOLES WILL REQUIRE CORING AND GROUTING.
2. A SWEEP CLEAN-OUT IS REQUIRED AT EACH CONNECTION POINT.
3. REQUIRED WHEN GROUND WATER IS PRESENT 3' BELOW SUBGRADE OR AT DISCRETION OF CITY ENGINEER.

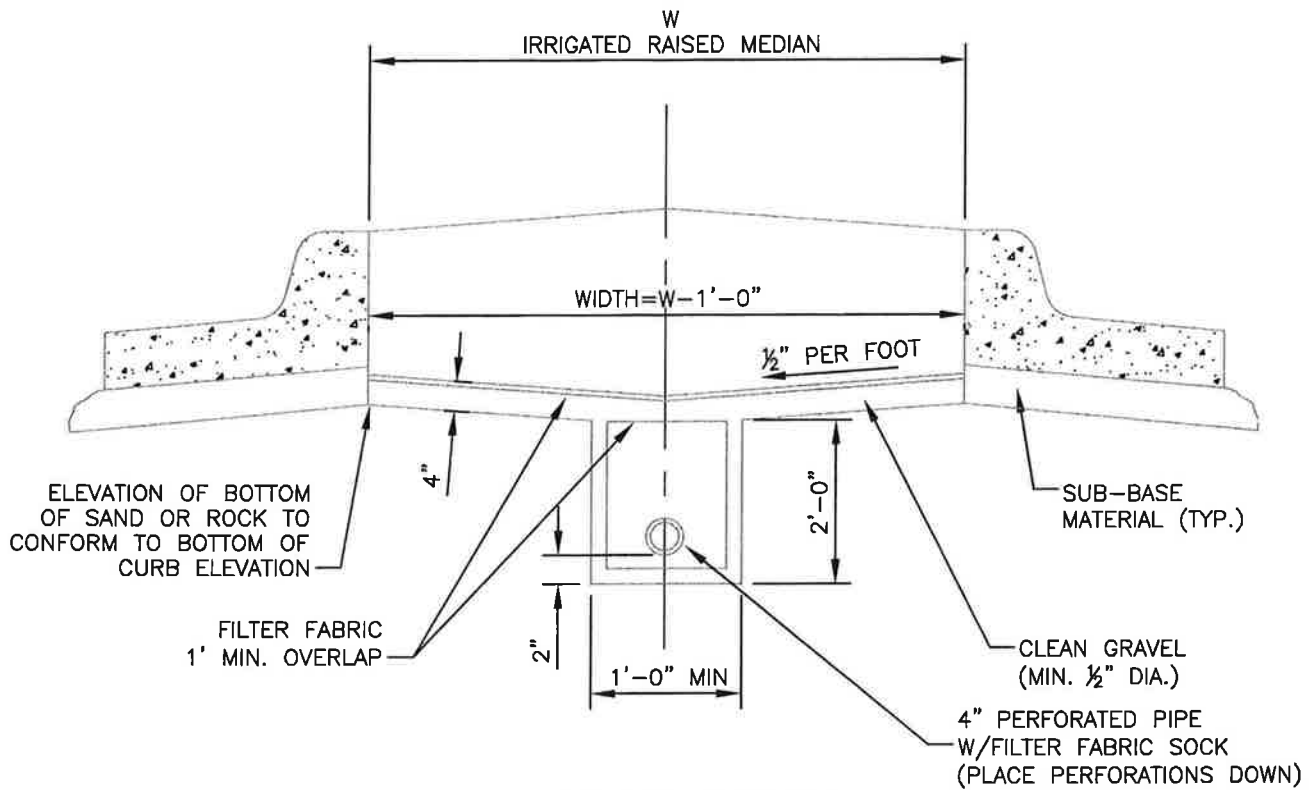
UNDERDRAIN OUTLET TREATMENT

Scale: *NONE*

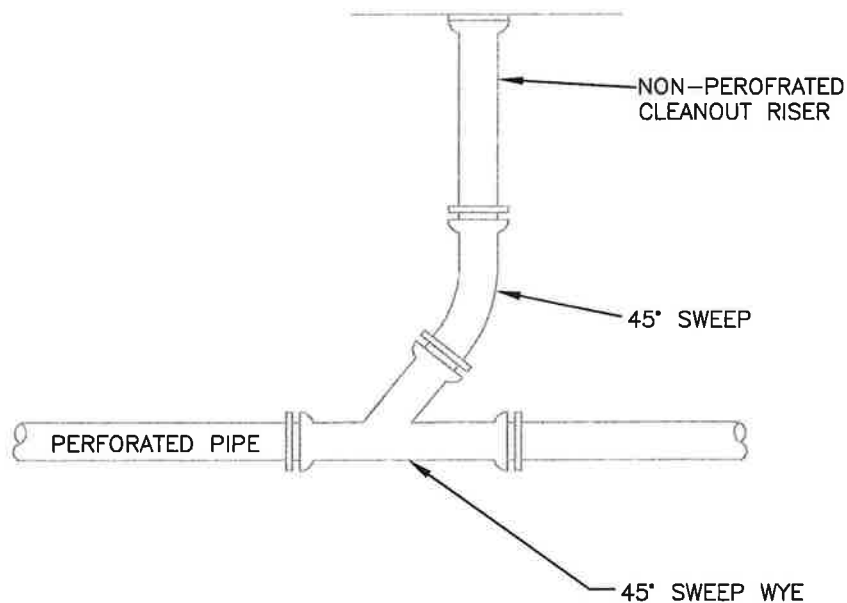
Date: *SEPTEMBER 2010*

Revised: *DECEMBER 2014*

Detail: *S-2*



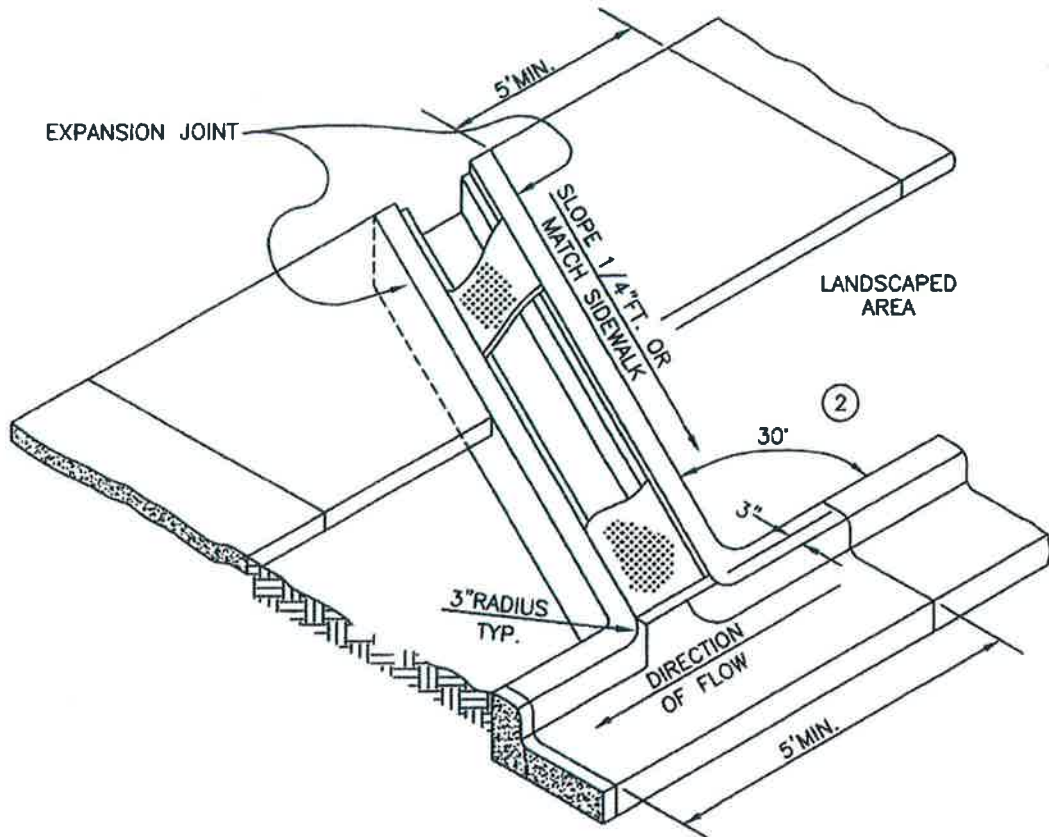
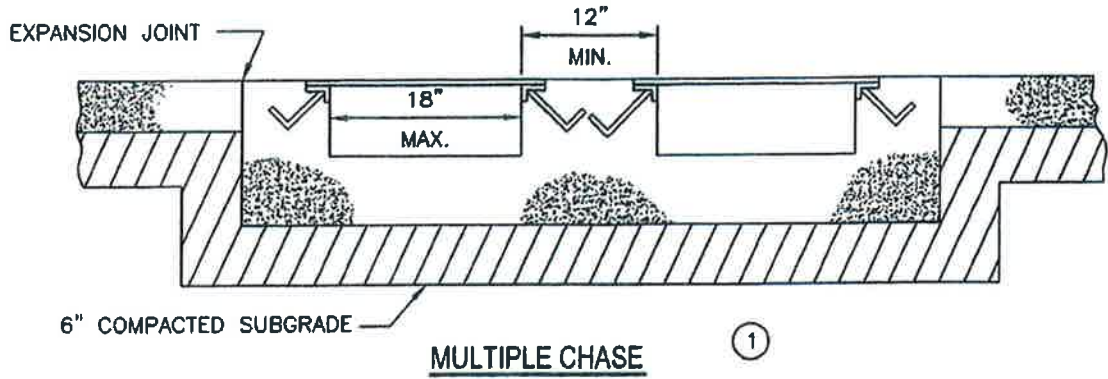
**4" PERFORATED UNDERDRAIN
WITH SUBSURFACE MATERIAL**



NOTES:

1. PERFORATED DRAIN TO BE PLACED AT GRADE TO DAYLIGHT INTO DRAINAGE SYSTEM.
2. CLEANOUTS SHALL BE SPACED AT A MAXIMUM OF 400'.
3. PERFORATED PIPE SHALL FOLLOW ESTABLISHED GRADE AND HAVE A POSITIVE FLOW.
4. REQUIRED WHEN GROUND WATER IS PRESENT 3' BELOW SUBGRADE OR AT DISCRETION OF CITY ENGINEER.

<p>MEDIAN UNDERDRAIN & CLEANOUT</p>	
Scale: <i>NONE</i>	Date: <i>SEPTEMBER 2010</i>
Revised: <i>DECEMBER 2014</i>	Detail: <i>S-3</i>



① MAX. 2-18" OPENINGS IN ONE LOCATION

② MAY BE 90' IN SOME CASES. DIMENSIONS TO BE INCLUDED IN DETAILED CONSTRUCTION PLANS.



SIDEWALK CHASE

RG AND ASSOCIATES, LLC

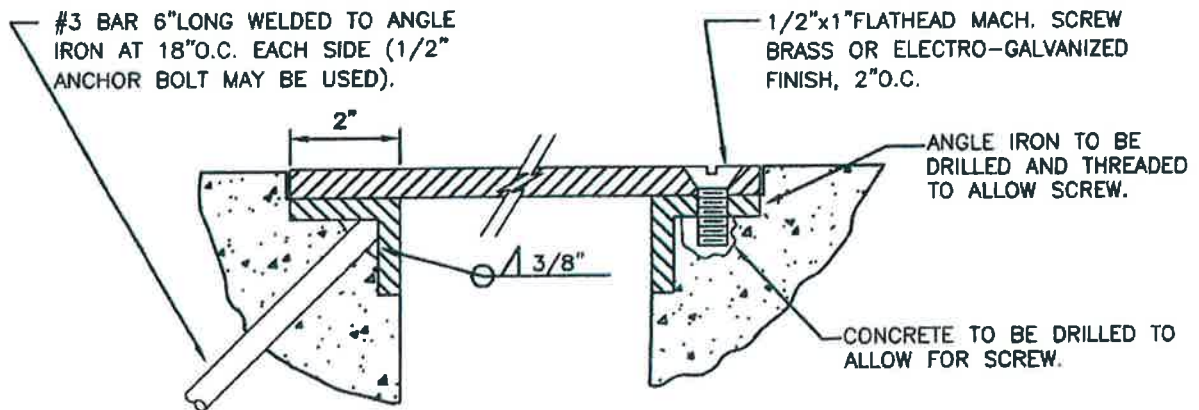
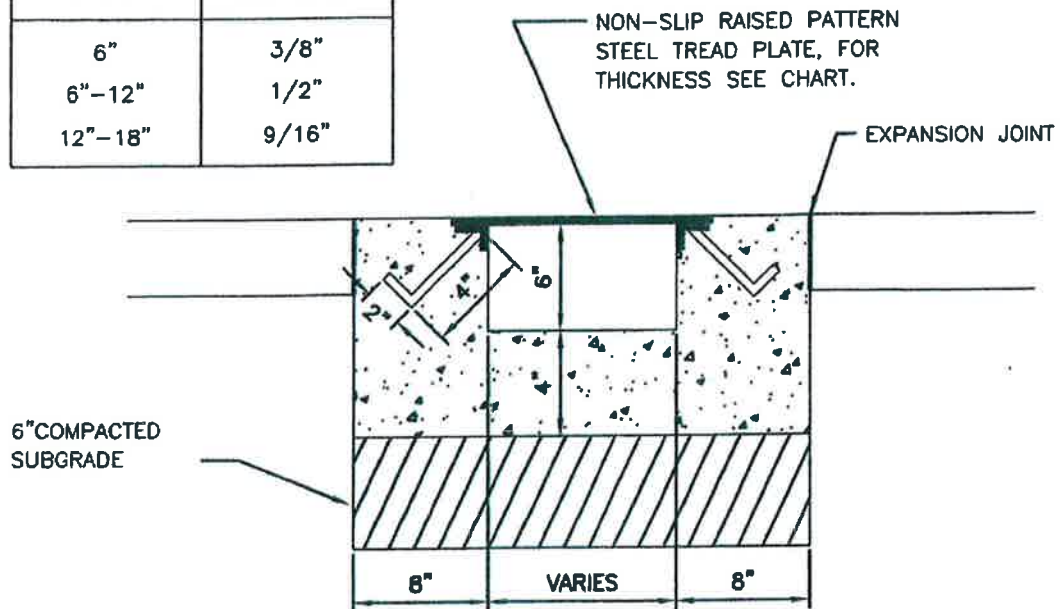
Scale: *NONE*

Date: *SEPTEMBER 2010*

Revised:

Detail: *S-4*

WIDTH OF OPENING	TREADPLATE THICKNESS
6"	3/8"
6"-12"	1/2"
12"-18"	9/16"



CHASE SECTION FORMING DETAIL

- SUBGRADE COMPACTION TO BE 95% OPTIMUM DENSITY IN ACCORDANCE WITH AASHTO T-99, +/- 2% OPTIMUM MOISTURE CONTENT.
- CONCRETE SHALL BE CDOT CLASS B.



SIDEWALK CHASE DETAILS

RG AND ASSOCIATES, LLC

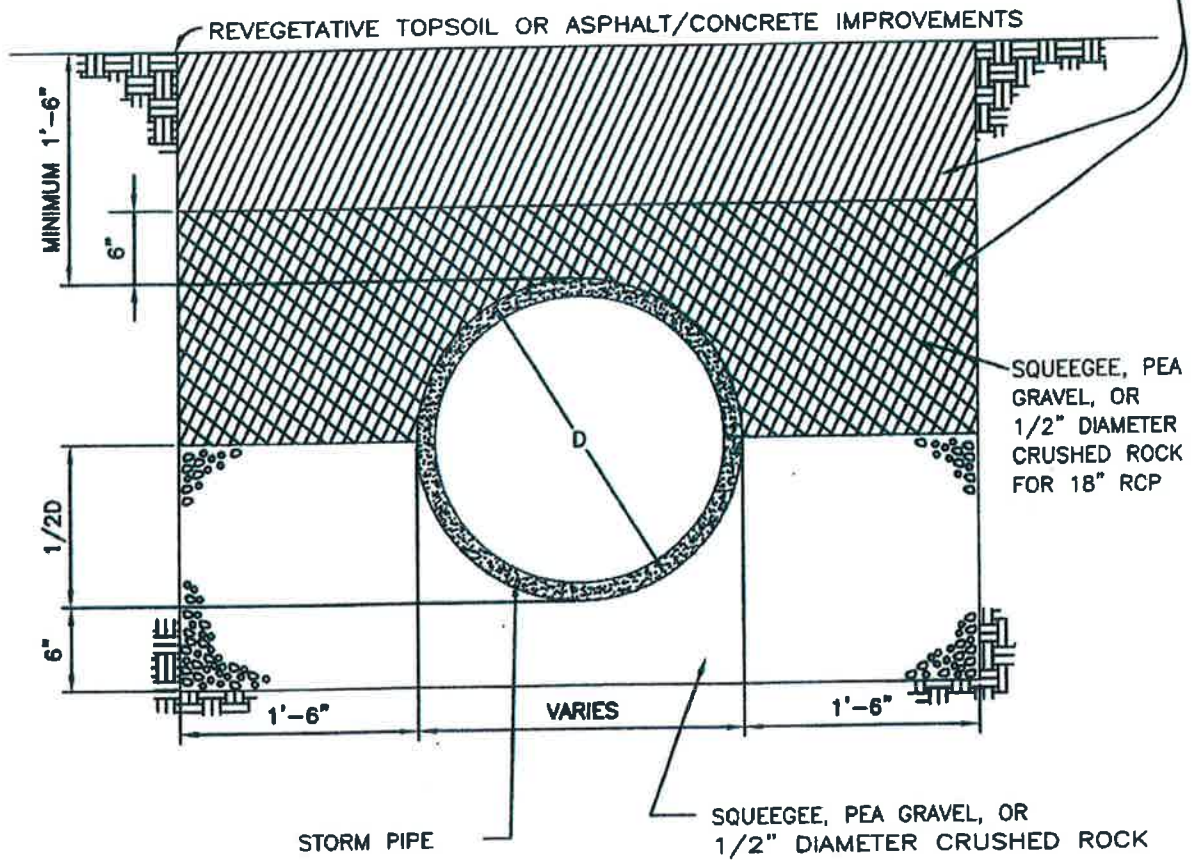
Scale: NONE

Date: SEPTEMBER 2010

Revised:

Detail: S-5

BACKFILL, COMPACTED TO 95% OPTIMUM DENSITY IN ACCORDANCE WITH ASSHTO T-99, +/- 2% OPTIMUM MOISTURE CONTENT FOR PIPES GREATER THAN 18" IN DIAMETER.



PIPE BEDDING FOR STORM PIPE

Scale: NONE

Date: SEPTEMBER 2010

Revised:

Detail: S-6

RG AND ASSOCIATES, LLC