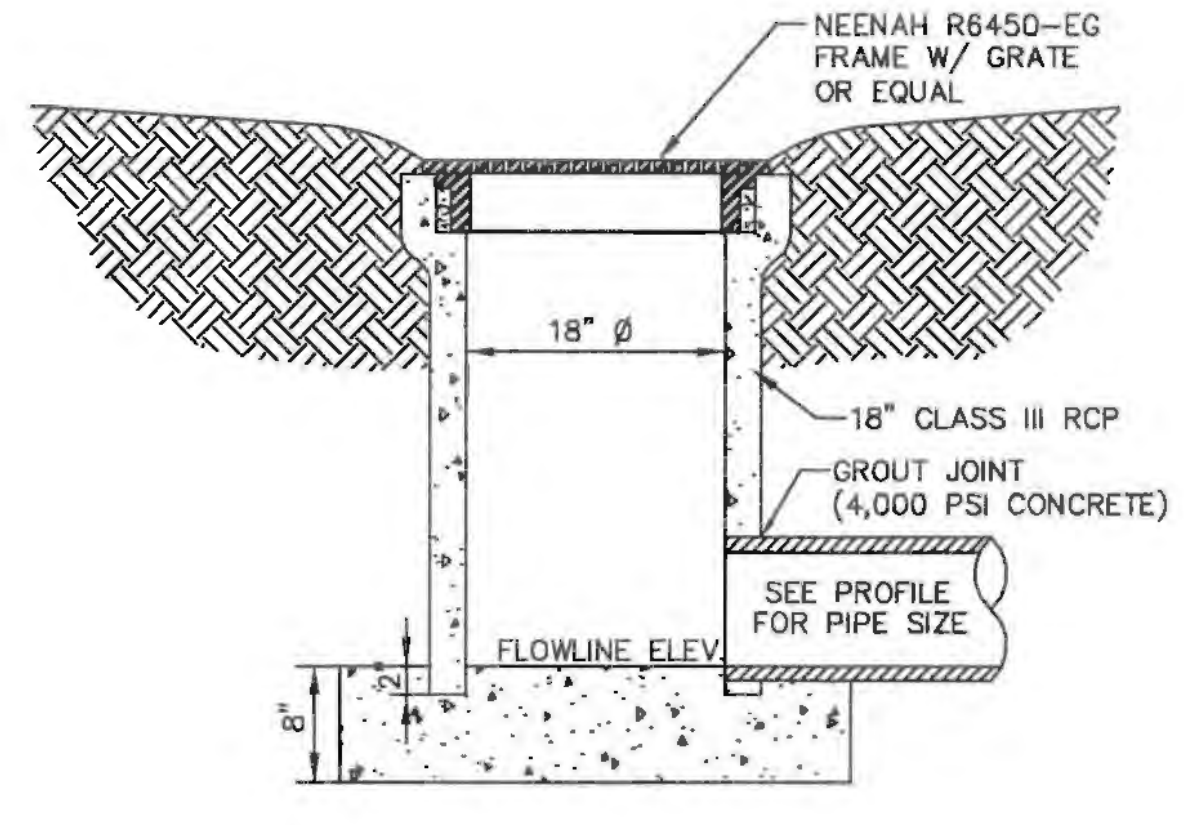
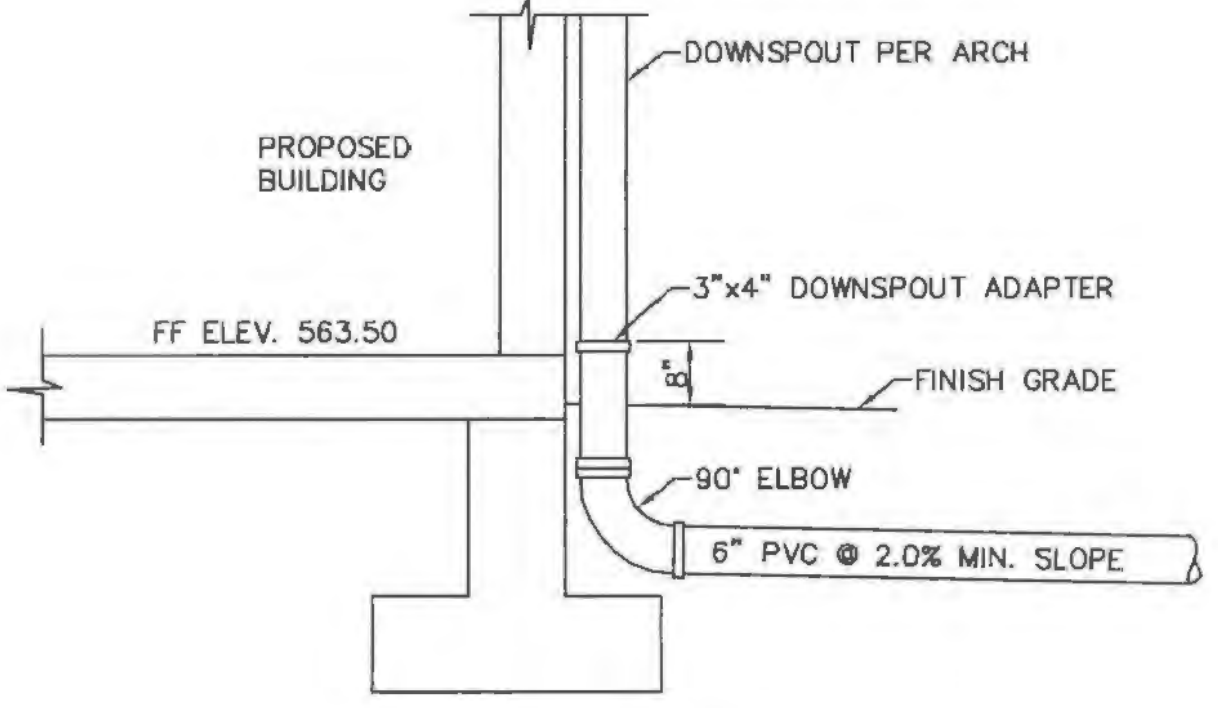


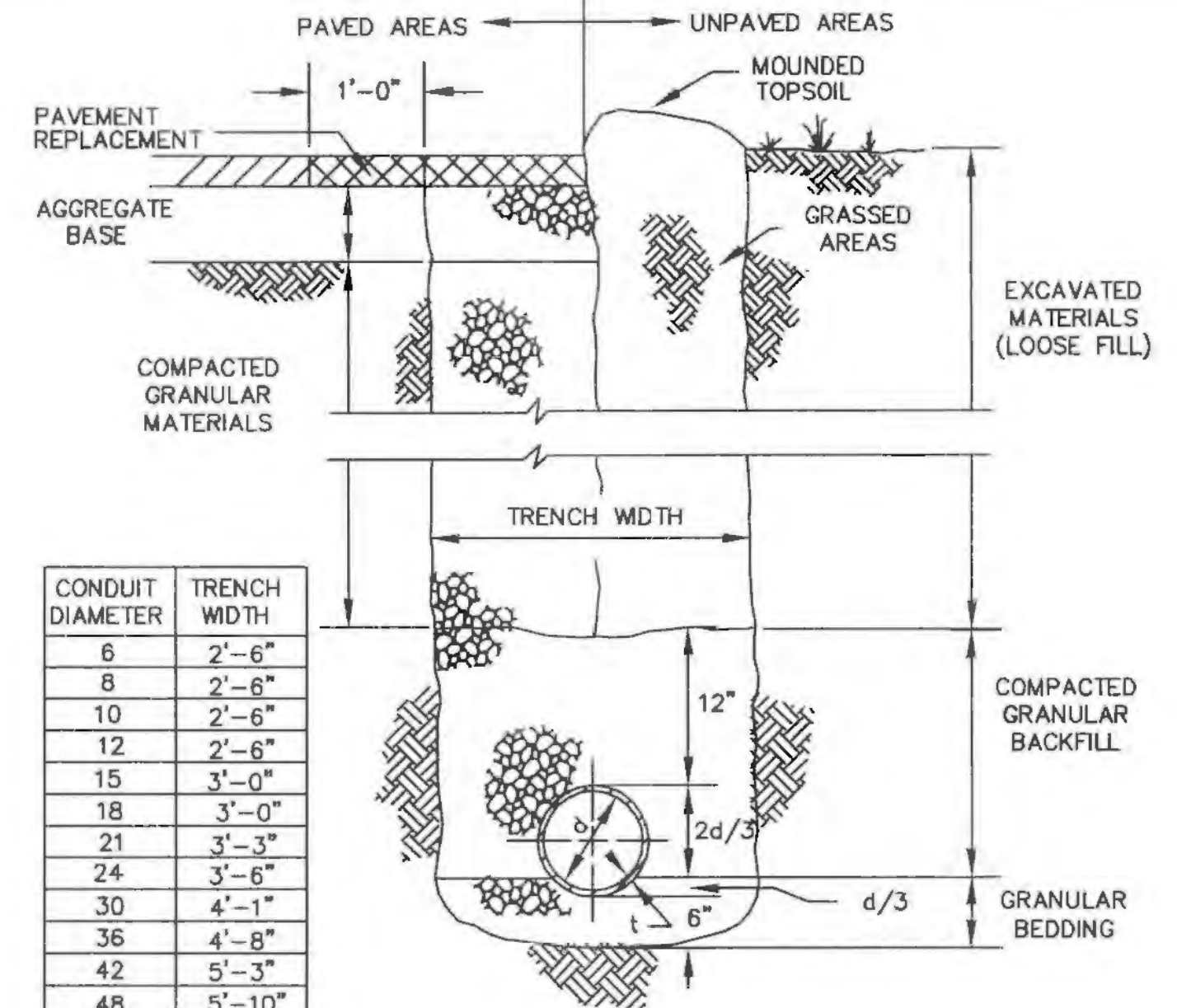
SEWER CLEANOUT
NOT TO SCALE



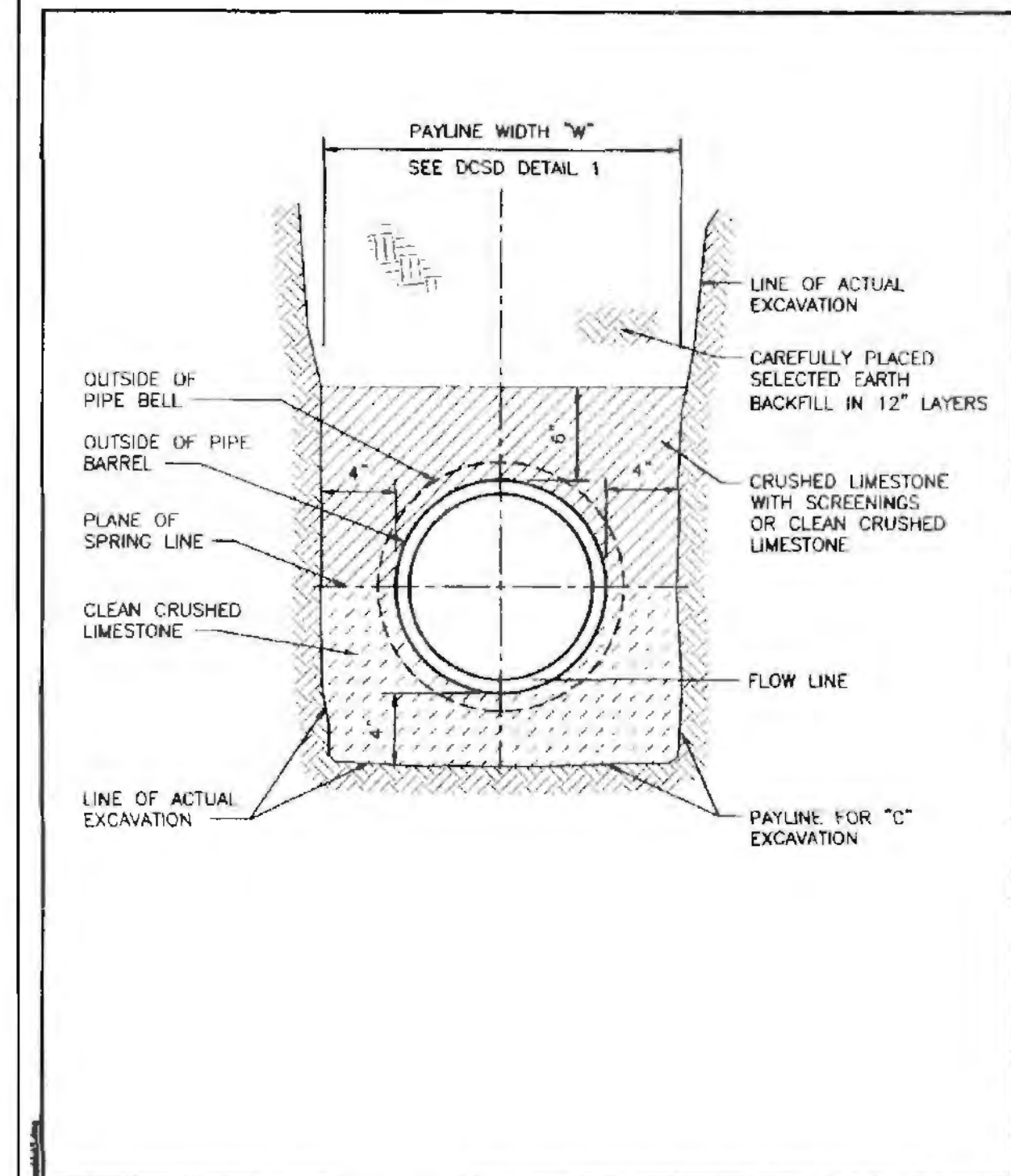
YARD CATCH BASIN, "YCB"
NOT TO SCALE



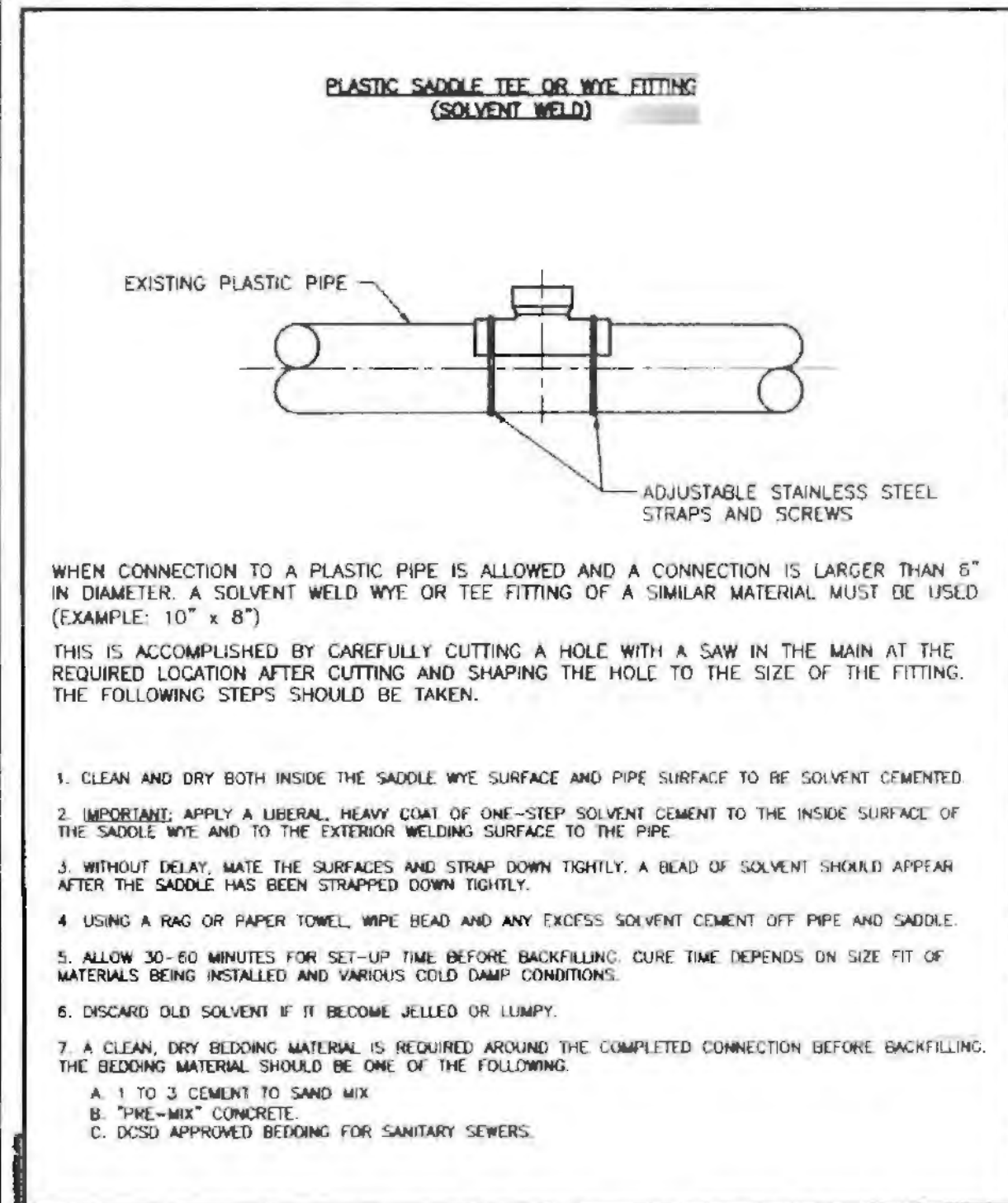
DOWNSPOUT DETAIL
SCALE: 1/2" = 1'-0"



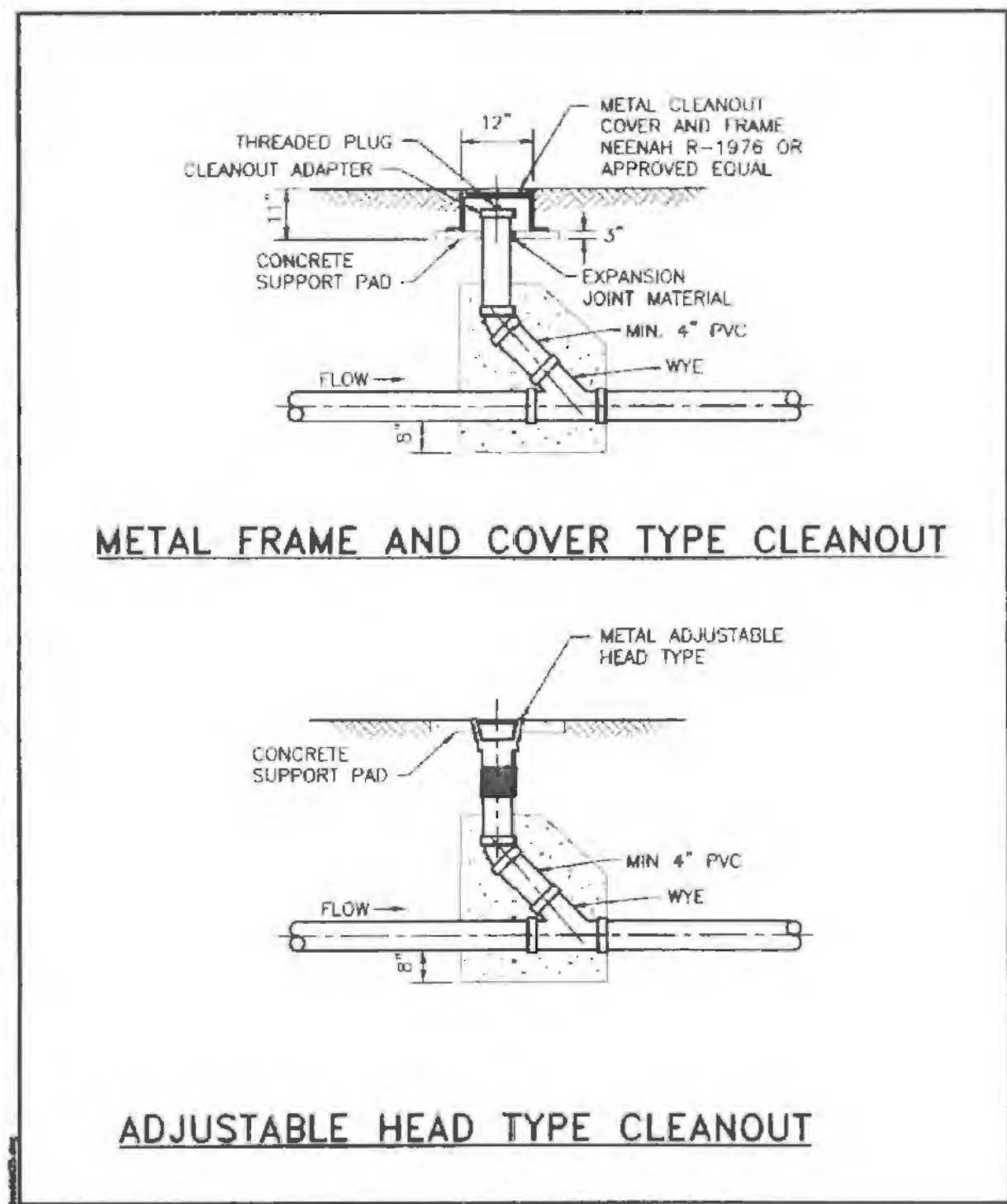
UTILITY TRENCH
NOT TO SCALE



Duckett Creek Sanitary District
PIPE BEDDING CLASS 'C'
(FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)
Dim By: BSM App By: KLA Detail No: 3
Cdr By: MDOB Date: 12-21-99



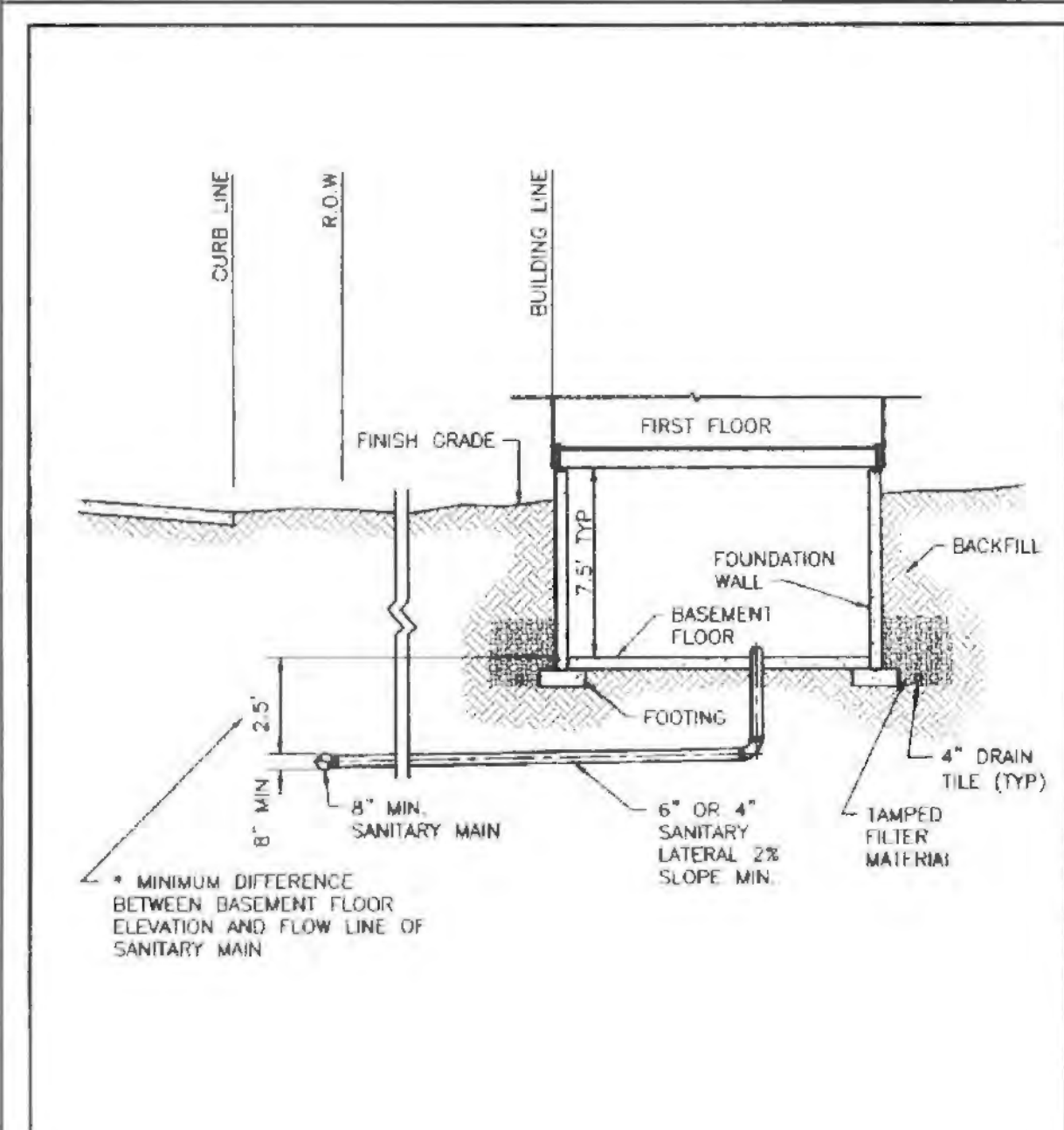
Duckett Creek Sanitary District
6" & LARGER CONNECTION TO PLASTIC MAIN
Dim By: BSM App By: KLA Detail No: 20A
Cdr By: MDOB Date: 1-4-01



METAL FRAME AND COVER TYPE CLEANOUT

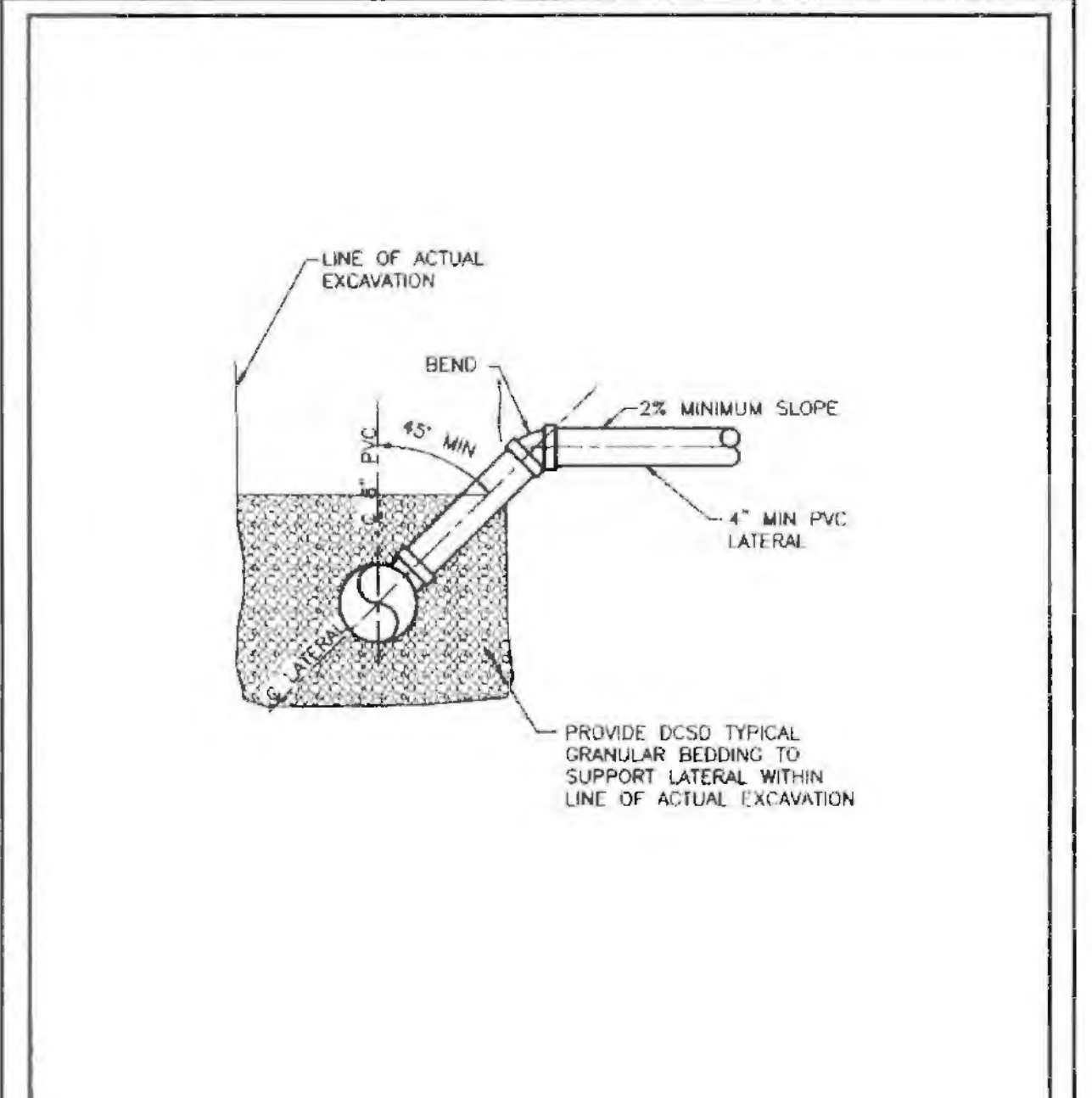
ADJUSTABLE HEAD TYPE CLEANOUT

Duckett Creek Sanitary District
TYPICAL SEWER LATERAL CLEANOUT DETAILS
Dim By: BSM App By: KLA Detail No: 25
Cdr By: MDOB Date: 1-8-01



*NOTE: DIFFERENCE IN DEPTH INCREASES WITH PIPE SIZE

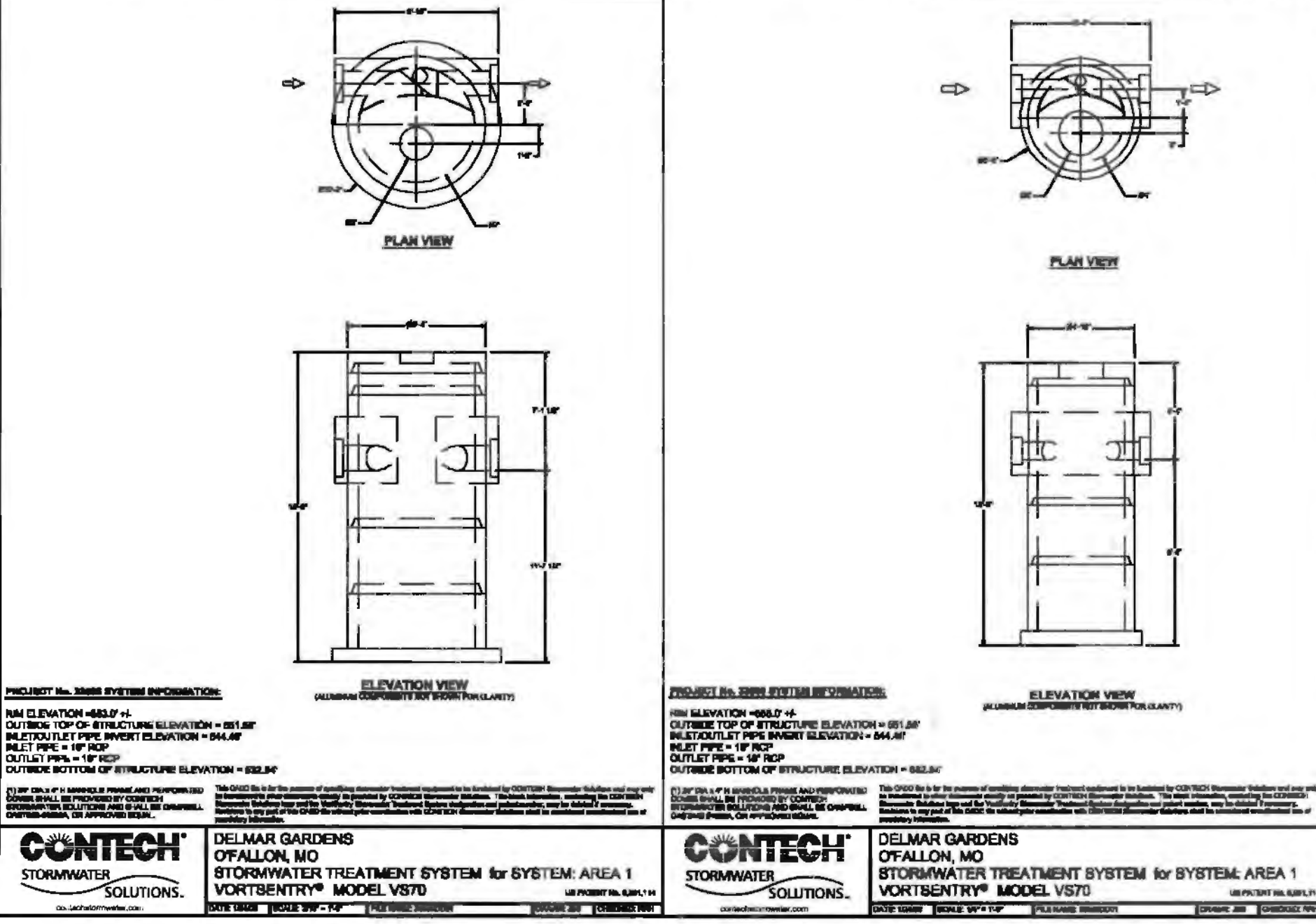
Duckett Creek Sanitary District
TYPICAL SANITARY SEWER LATERAL PROFILE
Dim By: BSM App By: KLA Detail No: 26
Cdr By: MDOB Date: 1-9-01



Duckett Creek Sanitary District
SANITARY SEWER LATERAL RISER DETAIL
Dim By: BSM App By: KLA Detail No: 27
Cdr By: MDOB Date: 1-9-01

Storm sewer inlets shall be marked with either of the following messages:

Manufacturer	Size	Adhesive	Style	Message (Part #)	Website
ACP International	3 7/8"	Epoxy	Crystal Cap	No Dumping Drains To Waterways (SD-W-CC)	www.acpinternational.com
DAS Manufacturing Inc.	4"	Epoxy	Standard Style	No Dumping Drains To Stream (#SDS)	www.dasmanufacturing.com



CONTECH SOLUTIONS
DELMAR GARDENS ENTERPRISES, INC.
STORMWATER TREATMENT SYSTEM FOR SYSTEM AREA 1
VORTENTURY MODEL VSD0
DATE: 02/14/08

BID SET

REVISIONS

UTILITY DETAILS
SKILLED CARE EXPANSION
Highway N and Twin Chimneys Boulevard, Ofallon, Missouri 63368
Prepared for:
DELMAR GARDENS ENTERPRISES, INC.
14805 N. Outer 40
Chesterfield, MO 63017
636-733-7000

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Designed: RKF
Drawn: RKF
Checked: MJV
Date: 01/29/08
Project Number: 00228.11
Sheet Number: C-7 of 10

THE CLAYTON ENGINEERING COMPANY
MICHAEL JAMES VELLOFF
REGISTERED PROFESSIONAL ENGINEER
E-2000161862

The signed and sealed original of this drawing is on file at the offices of The Clayton Engineering Company, Inc. The signed and sealed original is the official document and shall take precedence over any digital version.

FILE: G:\00000\00228-11\PLANS\WATER\01.dwg PLOTTED: 02/14/08 09:31