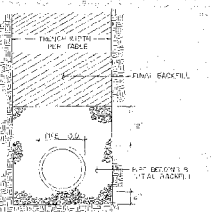


STANDARD MAN-HOLE DETAIL (OVER 5 FEET)  
DOWNERS GROVE SANITARY DISTRICT

REV. 8-11-97  
REV. 4-01-98  
REV. 7-11-98

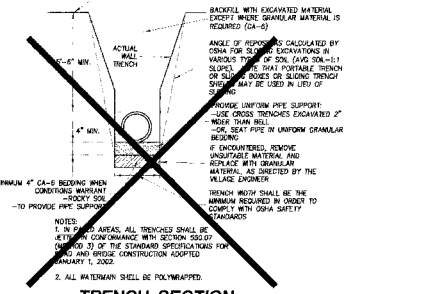


PIPE SIZE (IN)	MINIMUM TRENCH WIDTH (FEET)
12"	3'-0"
15"	3'-0"
18"	3'-0"
21"	3'-0"
24"	3'-0"
30"	3'-0"
36"	3'-0"
42"	3'-0"
48"	3'-0"
54"	3'-0"
60"	3'-0"
72"	3'-0"
84"	3'-0"
96"	3'-0"
108"	3'-0"
120"	3'-0"
132"	3'-0"
144"	3'-0"
156"	3'-0"
168"	3'-0"
180"	3'-0"
192"	3'-0"
204"	3'-0"
216"	3'-0"
228"	3'-0"
240"	3'-0"
252"	3'-0"
264"	3'-0"
276"	3'-0"
288"	3'-0"
300"	3'-0"
312"	3'-0"
324"	3'-0"
336"	3'-0"
348"	3'-0"
360"	3'-0"
372"	3'-0"
384"	3'-0"
396"	3'-0"
408"	3'-0"
420"	3'-0"
432"	3'-0"
444"	3'-0"
456"	3'-0"
468"	3'-0"
480"	3'-0"
492"	3'-0"
504"	3'-0"
516"	3'-0"
528"	3'-0"
540"	3'-0"
552"	3'-0"
564"	3'-0"
576"	3'-0"
588"	3'-0"
600"	3'-0"
612"	3'-0"
624"	3'-0"
636"	3'-0"
648"	3'-0"
660"	3'-0"
672"	3'-0"
684"	3'-0"
696"	3'-0"
708"	3'-0"
720"	3'-0"
732"	3'-0"
744"	3'-0"
756"	3'-0"
768"	3'-0"
780"	3'-0"
792"	3'-0"
804"	3'-0"
816"	3'-0"
828"	3'-0"
840"	3'-0"
852"	3'-0"
864"	3'-0"
876"	3'-0"
888"	3'-0"
900"	3'-0"
912"	3'-0"
924"	3'-0"
936"	3'-0"
948"	3'-0"
960"	3'-0"
972"	3'-0"
984"	3'-0"
996"	3'-0"
1008"	3'-0"
1020"	3'-0"
1032"	3'-0"
1044"	3'-0"
1056"	3'-0"
1068"	3'-0"
1080"	3'-0"
1092"	3'-0"
1104"	3'-0"
1116"	3'-0"
1128"	3'-0"
1140"	3'-0"
1152"	3'-0"
1164"	3'-0"
1176"	3'-0"
1188"	3'-0"
1200"	3'-0"

**PIPE BEDDING & BACKFILL**

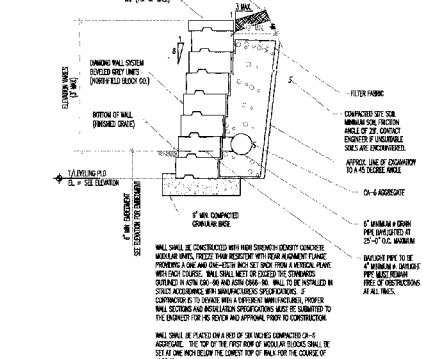
DOWNERS GROVE SANITARY DISTRICT

REVISED JAN 1998



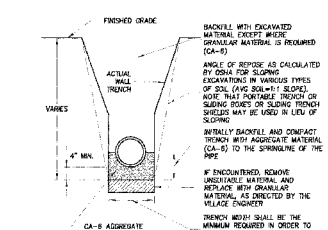
**TRENCH SECTION (WATER MAIN)**

N.T.S.



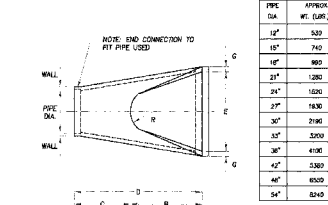
**RISER FOR SERVICE LATERAL**

N.T.S.



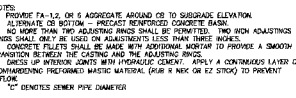
**TRENCH SECTION (STORM SEWER)**

N.T.S.



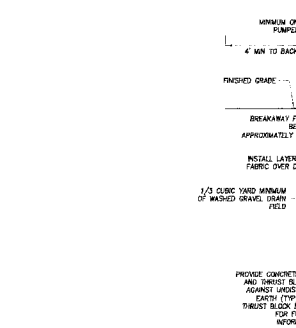
**PRECAST REINFORCED CONCRETE FLARED END SECTION**

N.T.S.



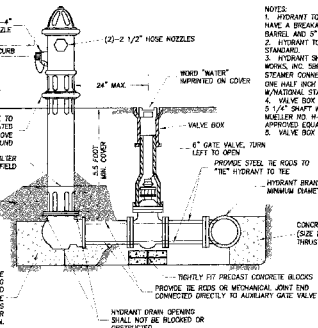
**CATCH BASIN (TYPE A)**

N.T.S.



**FIRE HYDRANT AND VALVE**

N.T.S.



**NELSON MEADOW - PHASE I**

WEST SIDE OF CARPENTER STREET  
DOWNERS GROVE, ILLINOIS

DETAILS  
DRAWN BY: CNW  
SCALE: N.T.S.  
JOB NUMBER: 04-289  
CHECKED BY: TRM  
DATE: 09-31-10  
SHEET: 4 OF 11

NO.	DATE	DESCRIPTION
1	09-31-10	PER RELEASE REVIEW
2		SIZE DETERMINE FROM
3		WORK 6/5/14/10/10
4		
5		
6		
7		
8		
9		
10		



Consulting Civil Engineers  
Land Planning & Surveyors  
1050 State Route 126  
Hawthorn, Illinois 60546  
Phone: 630-244-1000  
Fax: 630-244-1000

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