

ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT.	INSIDE DIAMETER OF PIPE (INCHES)	"W" PAYLINE WIDTH OF TRENCH (INCHES)	"W" PAYLINE WIDTH OF TRENCH (FEET)	PAY-VOLUMES CU. FT. PER FT.
4	30	2.50	3.28				
6	30	2.50	3.59				
8	30	2.50	3.87				
10	30	2.50	4.09				
12	30	2.50	4.25				
15	36	3.00	5.55				
18	36	3.00	5.77				
21	39	3.25	6.61				
24	42	3.50	7.39				
27	45	3.75	8.18				
30	49	4.08	9.30				
33	53	4.42	10.53				
36	56	4.67	11.43				
39	DISCONTINUED						
42	63	5.25	13.38	14 x 23	41	3.42	5.94
48	70	5.83	15.67	19 x 30	49	4.08	7.68
54	77	6.42	18.15	22 x 34	53	4.42	8.61
60	84	7.00	20.73	24 x 38	58	4.83	9.70
66	91	7.58	23.45	27 x 42	62	5.17	10.71
72	98	8.17	26.37	29 x 45	66	5.50	11.72
78	105	8.75	29.39	32 x 49	71	5.92	13.14
84	112	9.33	32.57	34 x 53	75	6.25	14.05
90	119	9.92	35.90	38 x 60	83	6.92	16.18
96	126	10.50	39.37	43 x 68	92	7.67	18.81
102	133	11.08	42.99	48 x 76	101	8.42	21.59
108	140	11.67	46.75	53 x 83	109	9.08	24.35
114	147	12.25	50.66	58 x 91	118	9.83	27.45
120	154	12.83	54.72	63 x 98	126	10.50	30.50
126	161	13.42	58.92	68 x 106	135	11.25	33.91
132	168	14.00	63.27	72 x 113	143	11.92	36.99
144	182	15.17	72.40	77 x 121	152	12.67	40.69
				82 x 128	160	13.33	44.45
				87 x 136	168	14.00	47.79
				92 x 143	176	14.67	51.70
				97 x 151	185	15.42	56.01
				106 x 166	202	16.83	64.48
				116 x 180	218	18.17	73.59

DUCKETT CREEK SANITARY DISTRICT

PAYLINE WIDTHS OF TRENCH AND PAY-QUANTITIES OF CONCRETE

Drawn By: BSM
Checked By: MDOB
App By: KLA
Date: 12-21-99
Detail No. 1

DUCKETT CREEK SANITARY DISTRICT			
PAYLINE LIMITS FOR EXCAVATION	Drawn By: BSM	App By: KLA	Detail No. 2
LIMITS FOR TRAPEZOIDAL CHANNEL LIMITS FOR BOX CULVERT LIMITS FOR VERTICAL WALL LIMITS FOR PIPE	Checked By: MDOB	Date: 12-21-99	

DUCKETT CREEK SANITARY DISTRICT			
PIPE BEDDING CLASS "C" (FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)	Drawn By: BSM	App By: KLA	Detail No. 3
PIPE BEDDING CLASS "C" (FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)	Checked By: MDOB	Date: 12-21-99	

DUCKETT CREEK SANITARY DISTRICT			
TYPICAL CONCRETE ENCASEMENT	Drawn By: BSM	App By: KLA	Detail No. 4
TYPICAL CONCRETE ENCASEMENT	Checked By: MDOB	Date: 12-21-99	

DUCKETT CREEK SANITARY DISTRICT			
CONCRETE ANTI-SLIP COLLAR FOR PVC PIPE ON PIPE SLOPES FROM 15% TO 50%	Drawn By: BSM	App By: KLA	Detail No. 5
CONCRETE ANTI-SLIP COLLAR FOR PVC PIPE ON PIPE SLOPES FROM 15% TO 50%	Checked By: MDOB	Date: 12-21-99	

DUCKETT CREEK SANITARY DISTRICT			
PRE-CAST CONCRETE MANHOLE FOR SEWERS 8" THROUGH 18"	Drawn By: BSM	App By: KLA	Detail No. 7
PRE-CAST CONCRETE MANHOLE FOR SEWERS 8" THROUGH 18"	Checked By: MDOB	Date: 12-30-99	

DUCKETT CREEK SANITARY DISTRICT			
TERMINAL MANHOLE FOR SEWERS 8" THROUGH 18"	Drawn By: BSM	App By: KLA	Detail No. 8
TERMINAL MANHOLE FOR SEWERS 8" THROUGH 18"	Checked By: MDOB	Date: 01-03-00	

DUCKETT CREEK SANITARY DISTRICT			
INSIDE FOULWATER DROP MANHOLE (SWEEP INVERT)	Drawn By: BSM	App By: KLA	Detail No. 9
INSIDE FOULWATER DROP MANHOLE (SWEEP INVERT)	Checked By: MDOB	Date: 01-04-00	

PICKETT RAY & SILVER
CIVIL ENGINEERS
PLANNERS
LAND SURVEYORS
333 Mid Rivers Mall Drive
St. Peters, MO 63376
Phone (636) 397-1211
Fax (636) 397-1104

WYNDGATE DUCKETT CREEK
SANITARY SEWER DETAILS
Prepared For: SUMMIT POINTE, L.C.
239 FOXHILL ROAD
ST. CHARLES, MO 63301
(636) 940-9300

REVISIONS	NO.	DATE	REVISION
	1	10/25/04	REVISED PER CITY OF OTTAWA
	2	10/25/04	REVISED PER CITY OF OTTAWA
	3	10/25/04	REVISED PER CITY OF OTTAWA
	4	10/25/04	REVISED PER CITY OF OTTAWA
	5	10/25/04	REVISED PER CITY OF OTTAWA
	6	02/16/05	REVISED PER CITY OF OTTAWA

DRAWN	J.E.E.	DATE	6-29-04
CHECKED	D.W.D.	DATE	6-29-04
PROJECT	# 01267.SUPO.02R	TASK	# 2
FIELD BOOK			

WYNDGATE DUCKETT CREEK
SANITARY SEWER DETAILS
SHEET 165 OF 174
Copyright 2004 by Pickett, Ray & Silver, Inc.