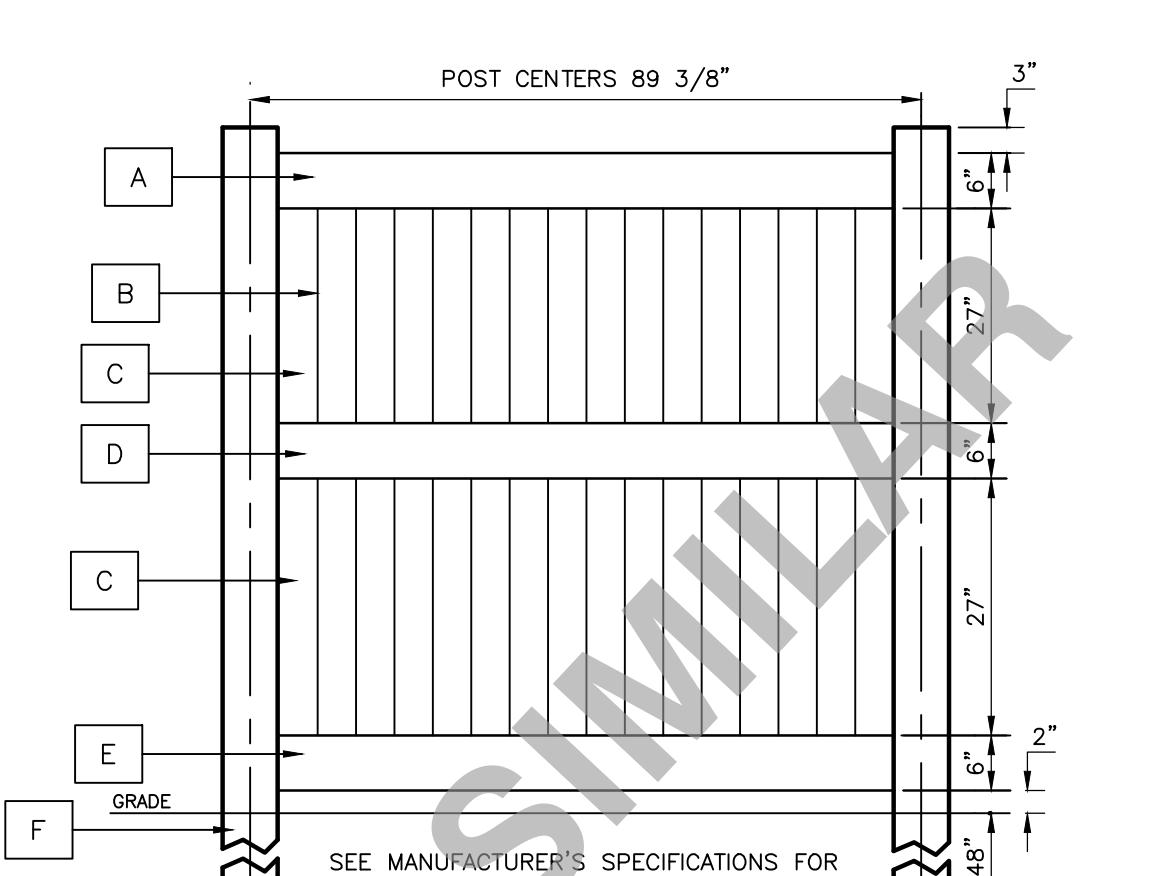
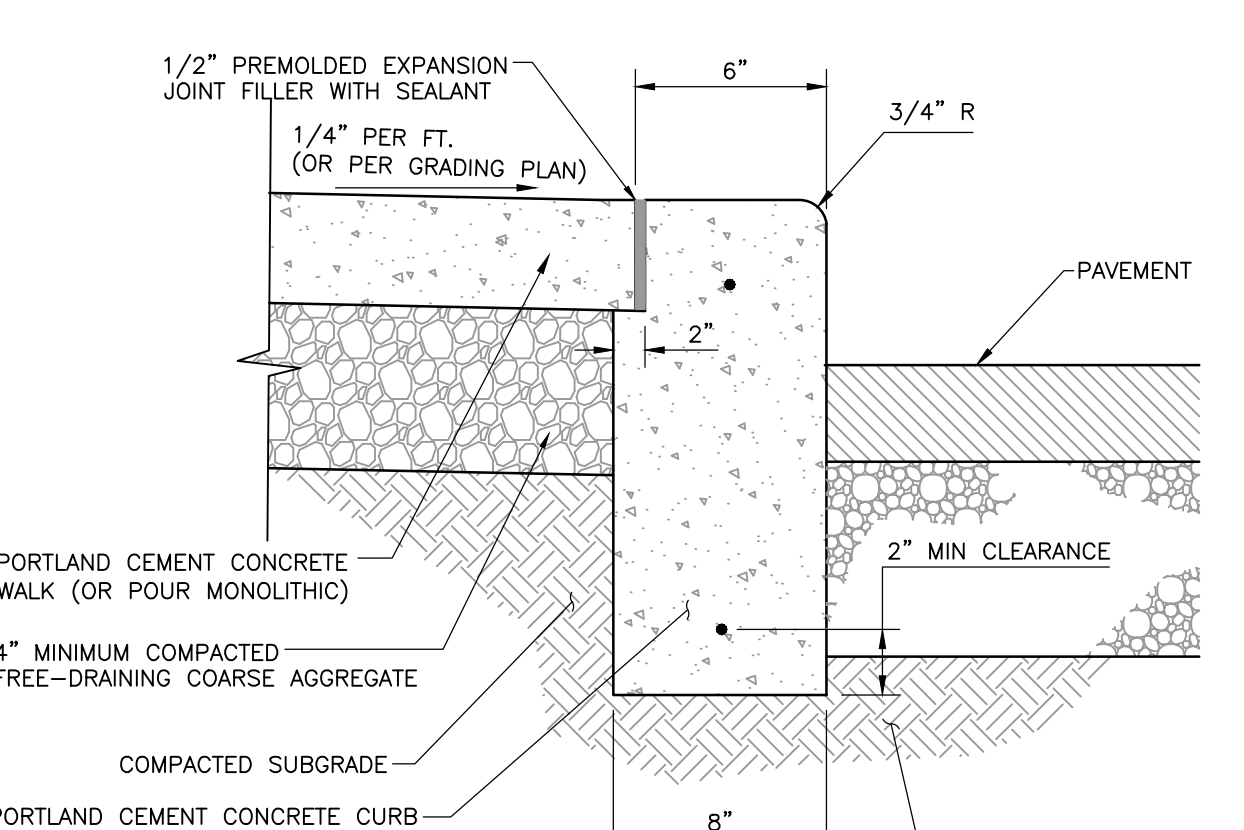


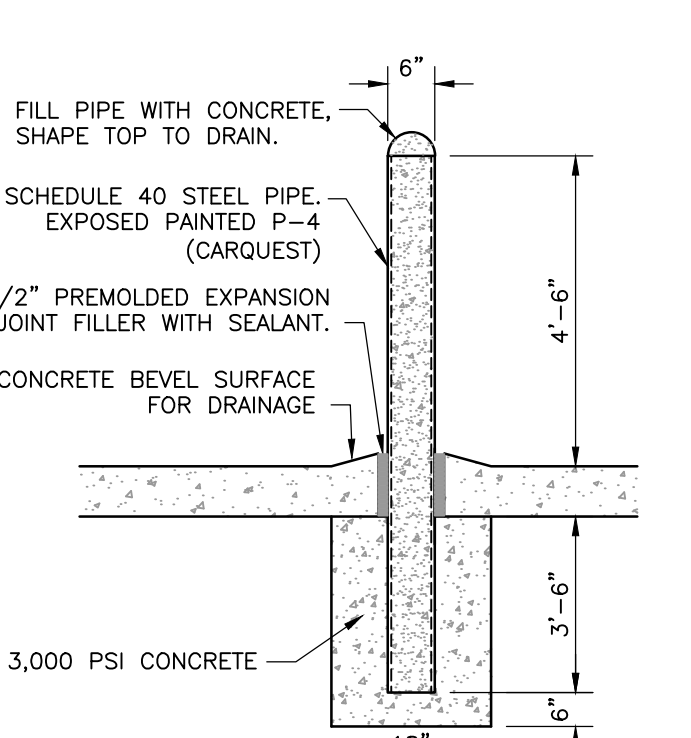
15 CONCRETE DUMPSTER PAD SECTION
N.T.S.
C801



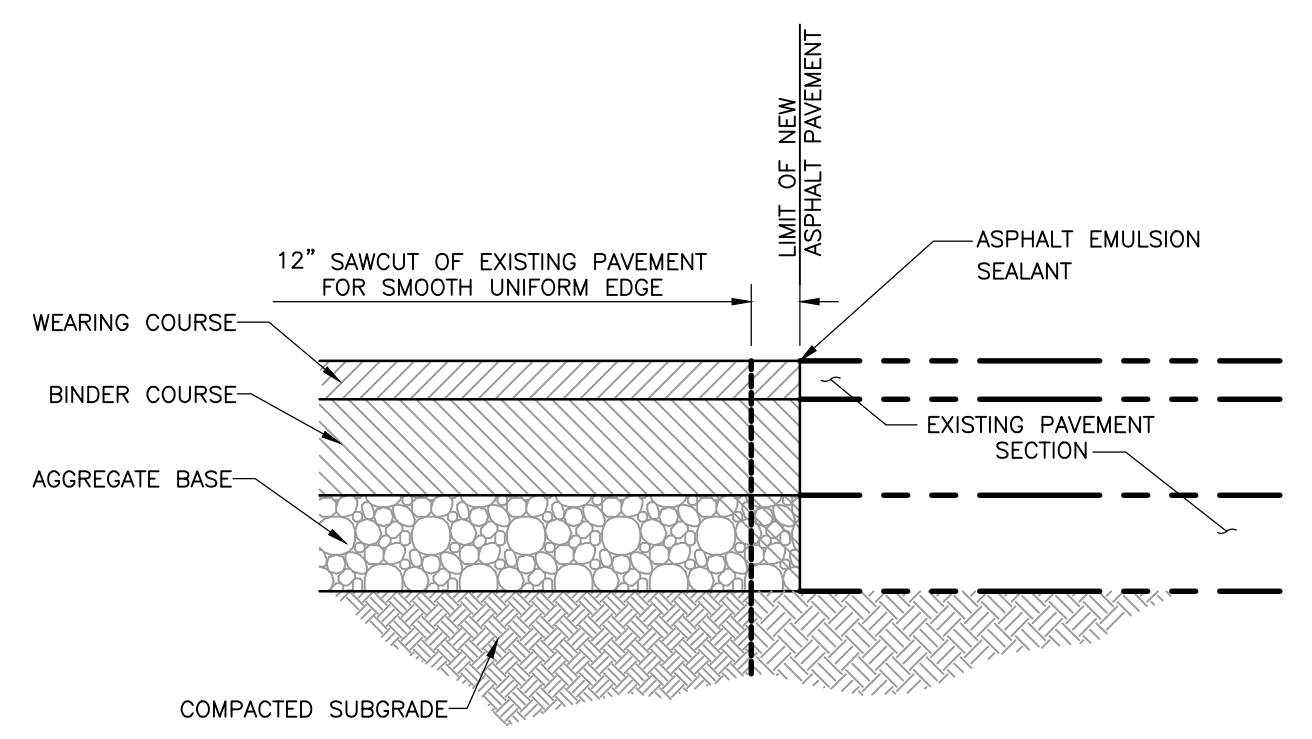
16 6' VINYL FENCE DETAIL
N.T.S.
C801



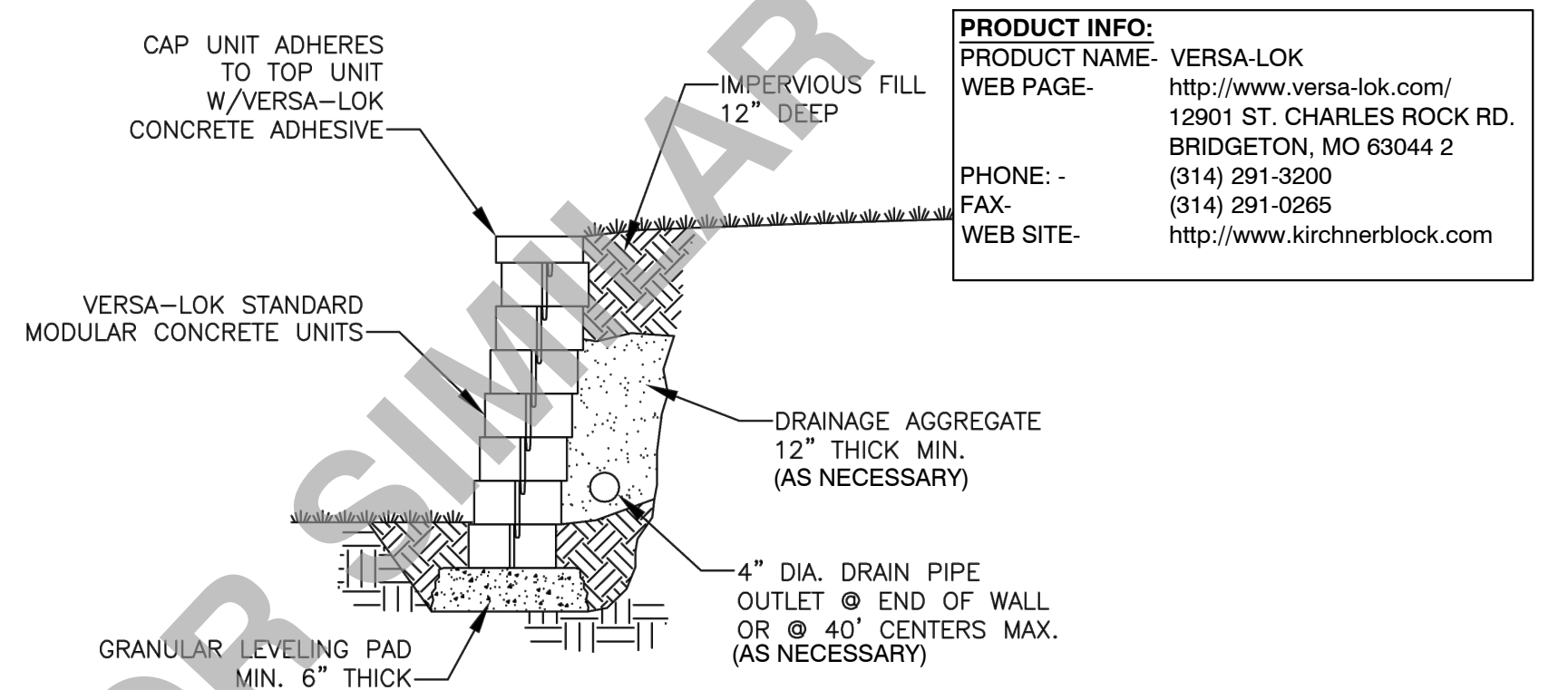
17 CONCRETE CURB AT SIDEWALK
N.T.S.
C801



18 PIPE BOLLARD
N.T.S.
C801



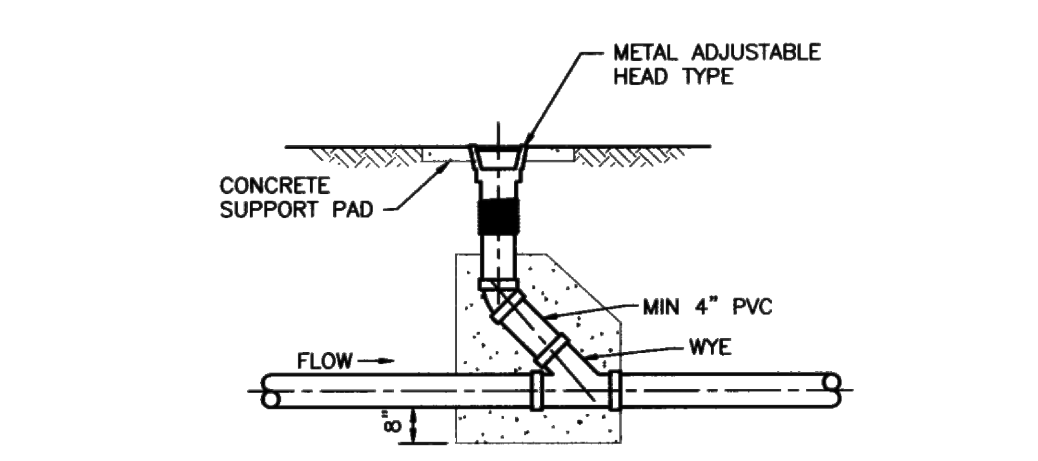
21 SAWCUT DETAIL
N.T.S.
C801



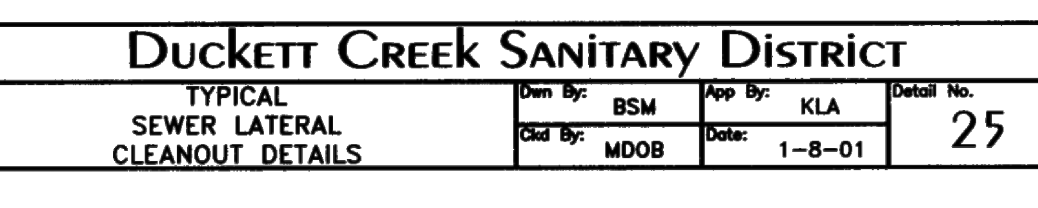
22 MODULAR BLOCK RETAINING WALL
N.T.S.
C801

PRODUCT INFO:
PRODUCT NAME: VERSA-LOK
WEB PAGE: <http://www.versa-lok.com/>
PHONE: (314) 291-3200
FAX: (314) 291-0265
WEB SITE: <http://www.kirchnerblock.com>

METAL FRAME AND COVER TYPE CLEANOUT



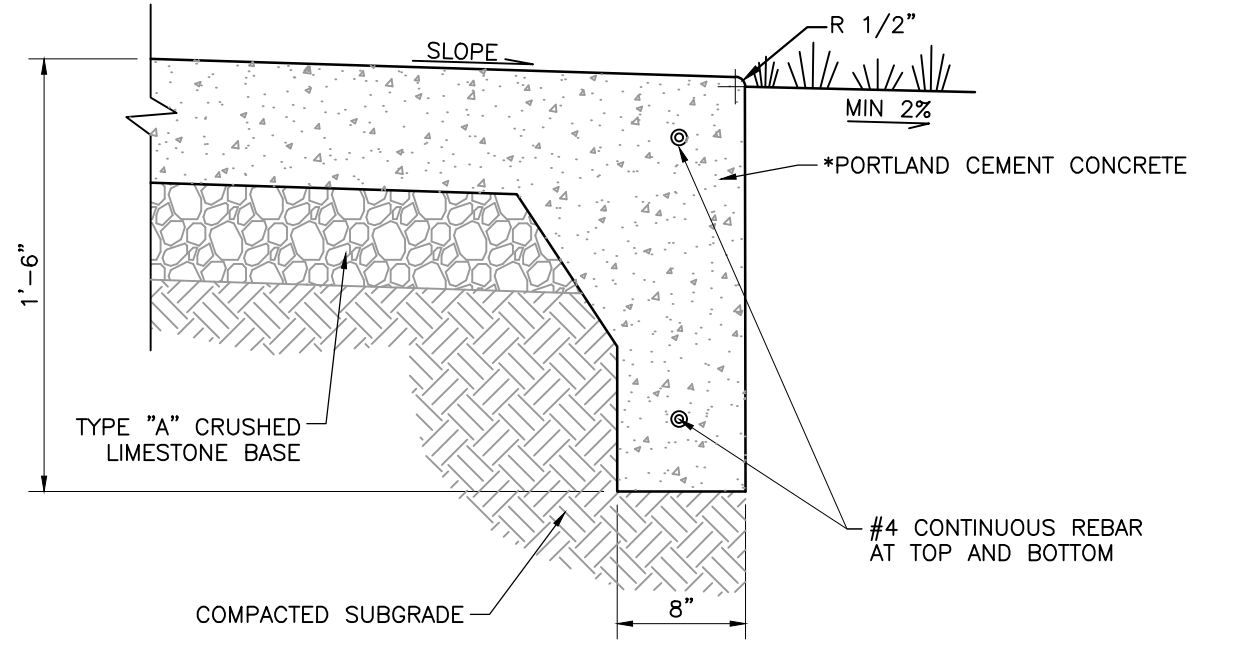
ADJUSTABLE HEAD TYPE CLEANOUT



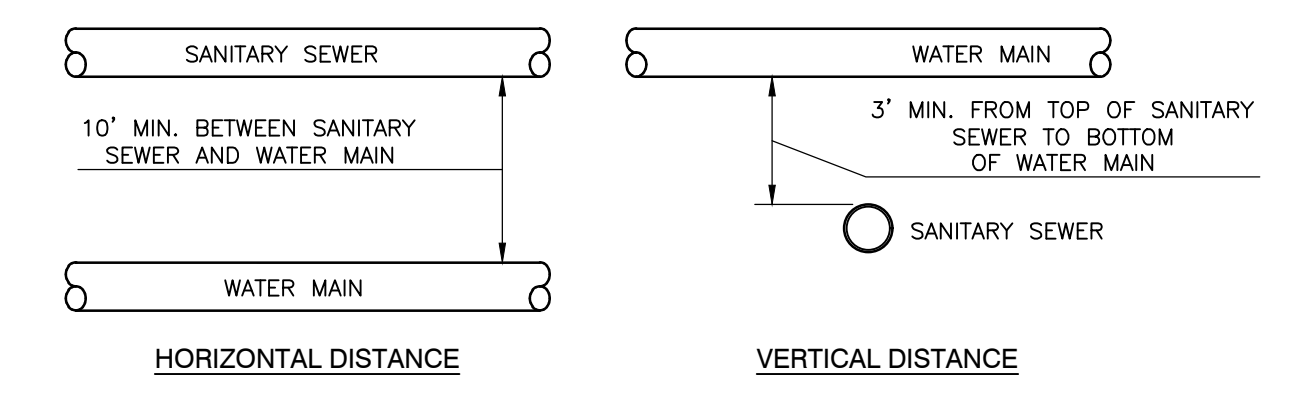
Duckett Creek Sanitary District
 TYPICAL SEWER LATERAL CLEANOUT DETAILS
 Date: 1-8-01
 Detail No: 25

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

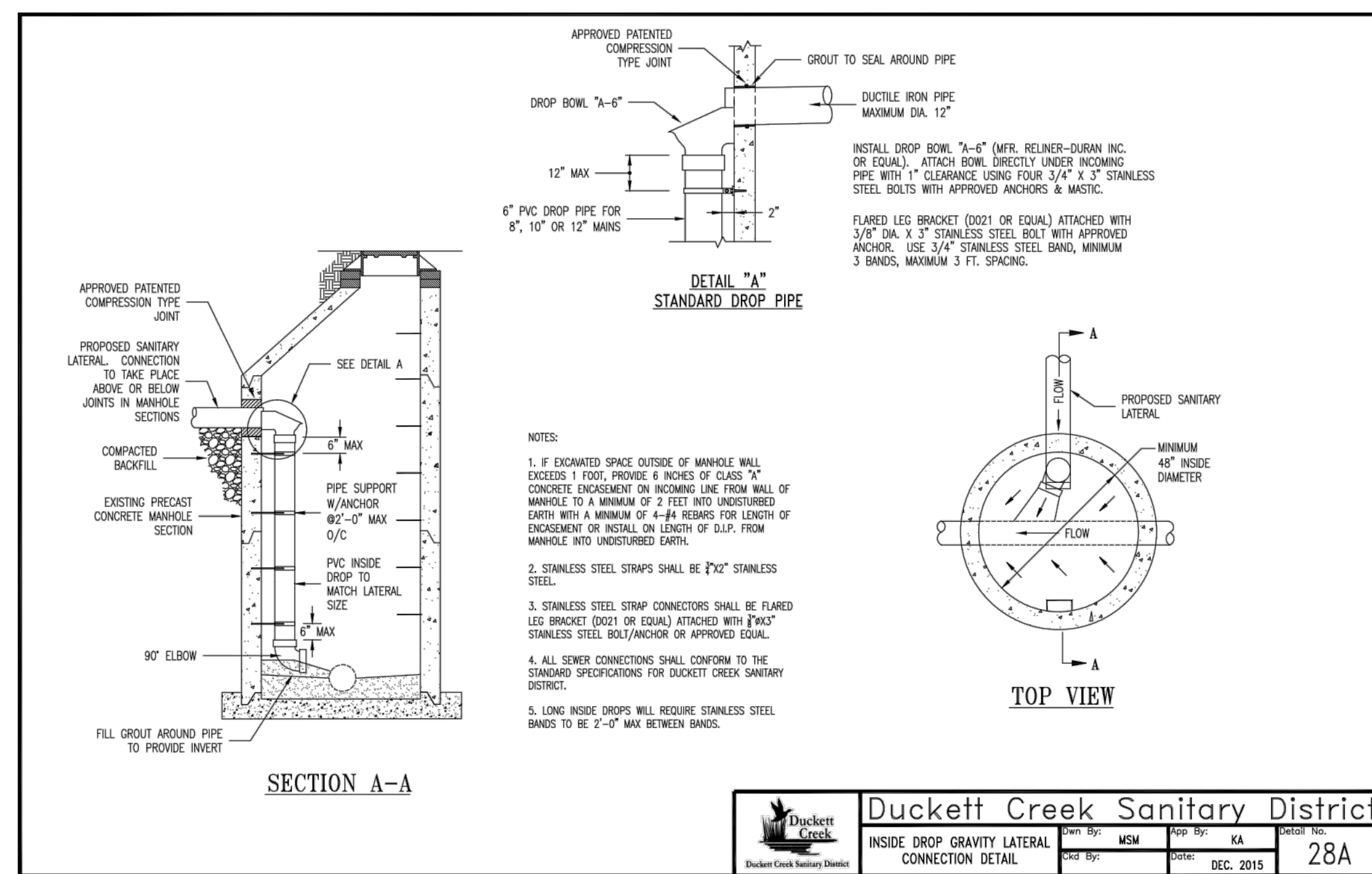
Duckett Creek Sanitary District
 PAYLINE WIDTHS OF TRENCH AND PAY-QUANTITIES OF CONCRETE
 Date: 12-21-99
 Detail No: 1



19 CONCRETE PAVEMENT EDGE AT EARTHEN GRADE
N.T.S.
C801



20 TYPICAL WATER AND SEWER SEPARATION
N.T.S.
C801



Duckett Creek Sanitary District
 INSIDE DROP GRAVITY LATERAL CONNECTION DETAIL
 Date: 04/11/17
 Detail No: 28A

Civil & Environmental Consultants, Inc.
 CERTIFICATION/LICENSE NO. 2002013942
 4848 Park 370 Blvd., Suite F - Hazelwood, MO 63042
 314-656-4566 - 866-250-3679
 www.cecinc.com

QUICK SERVE PROPERTIES, LLC
 7201 OLIVE BLVD.
 UNIVERSITY CITY, MO 63130

WICKED GREEN
 4015 HIGHWAY K
 OFALLON, MISSOURI 63368
 CONSTRUCTION DETAILS (2 OF 2)
 DATE: SEPT. 2016
 DRAWN BY: MAK
 CHECKED BY: DRK
 PROJECT NO.: 162-880
 APPROVED BY: DRK*

