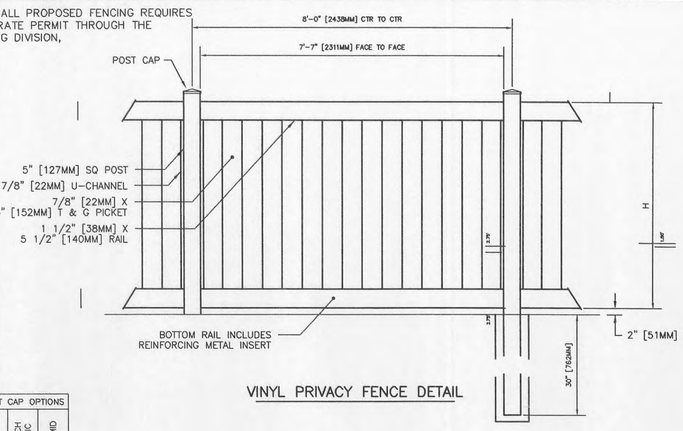
NOTE: ALL PROPOSED FENCING REQUIRES A SEPARATE PERMIT THROUGH THE PLANNING DIVISION,




VINYL PRIVACY FENCE DETAIL

| POST CAP OPTIONS | | |
|---|---|---|
| BALL | FRENCH GOTHIC | PYRAMID |

| NOM HEIGHT (H) |
|---|
| 46" [1168MM] |
| 58" [1473MM] |
| 70" [1778MM] |

NOTES: 1. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.
2. SPECIFICATIONS SHOWN CAN BE CHANGED BY MASTER-HALCO ONLY.
3. FOOTING WIDTH TO BE (2)X POST WIDTH. MINIMUM DEPTH 30" [762MM].

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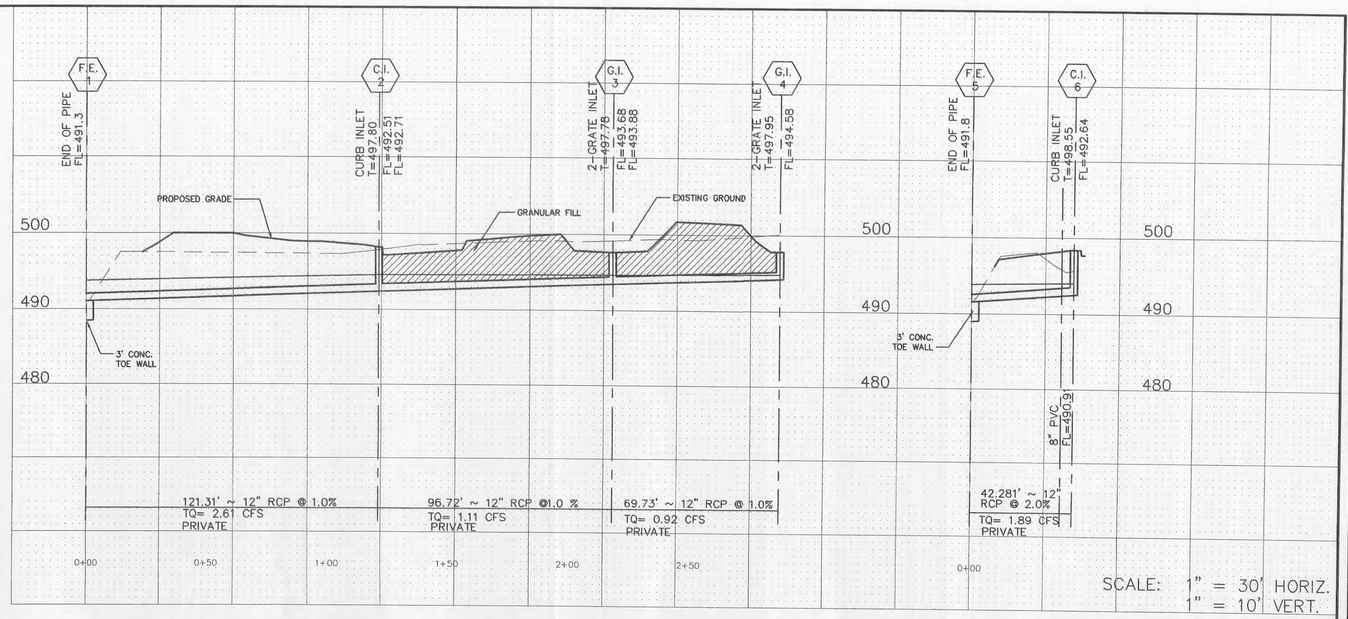
LEGEND by MASTER-HALCO

PRIVACY STYLE FENCE — 97-146C

NOM 8' SECTION LENGTH




PICKETT RAY & SILVER
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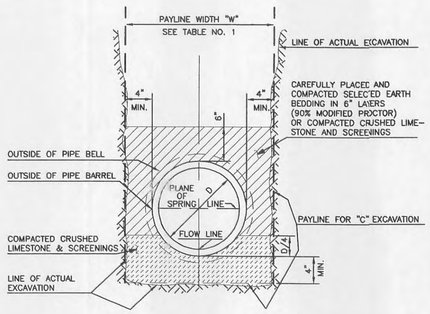
CROSSINGS SPEC. BUILDING #2
CONSTRUCTION DETAILS
O'FALLON, MO

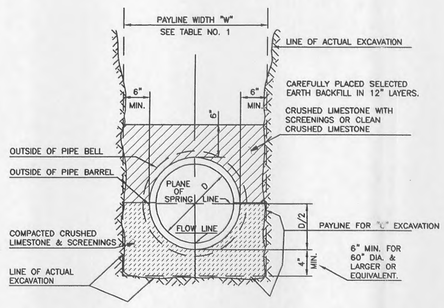
Prepared For:
BRIGHT STAR, L.C.
239 FOX HILL ROAD
ST. CHARLES, MO. 63301
(636) 940-9300

| 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. Concrete Encasement | Inside Diameter of Pipe (Inches) | "W" Payline Width of Trench (Inches) | "W" Payline Width of Trench (Feet) | Pay-volumes cu. ft. per ft. Concrete Encasement |
| 4 | 28 | 2.33 | 3.20 | | | | |
| 6 | 28 | 2.33 | 3.46 | | | | |
| 8 | 28 | 2.33 | 3.70 | | | | |
| 10 | 28 | 2.33 | 3.86 | | | | |
| 12 | 28 | 2.33 | 3.98 | | | | |
| 15 | 32 | 2.67 | 4.89 | | | | |
| 18 | 35 | 2.92 | 5.63 | 14 X 23 | 41 | 3.42 | 5.94 |
| 21 | 39 | 3.25 | 6.81 | | | | |
| 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 | 8.81 |
| 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 | 14.09 |
| 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 |

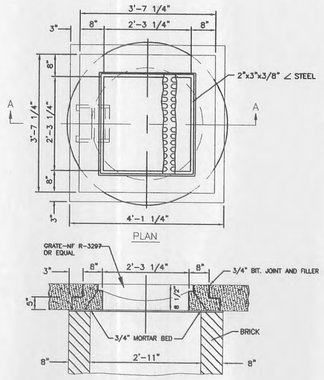
TABLE NO. 1
PAYLINE WIDTHS OF TRENCH AND PAY-QUANTIES OF CONCRETE




PIPE BEDDING CLASS "C"
(FOR ALL PIPE EXCEPT REINFORCED CONCRETE PIPE)

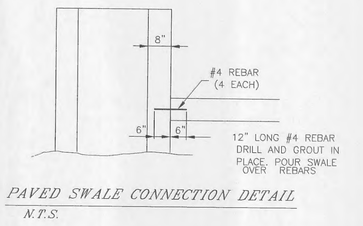



PIPE BEDDING CLASS "C"
(MODIFIED FOR REINFORCED CONCRETE PIPE)

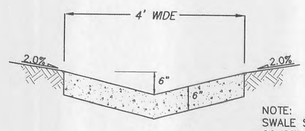



NOTE: INLETS ON THIS SHEET ARE TO BE USED IN LOCATIONS WHERE STANDARD OPEN THROAT INLETS CAN NOT BE USED, IN PAVED TRAFFIC WAY, AND IN LIMITED EASEMENTS.

2 GRATE INLET

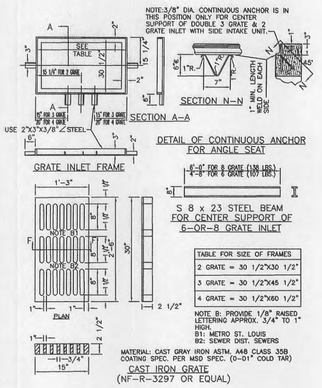



PAVED SWALE CONNECTION DETAIL
N.T.S.

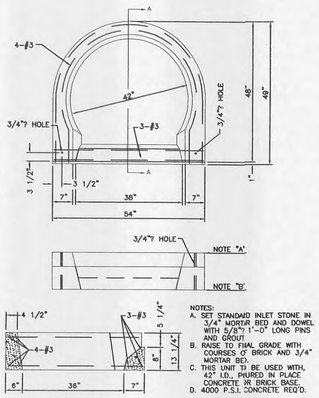



NOTE:
SWALE SHALL HAVE SEALED CONSTRUCTION JOINTS AT 16' ON CENTER.

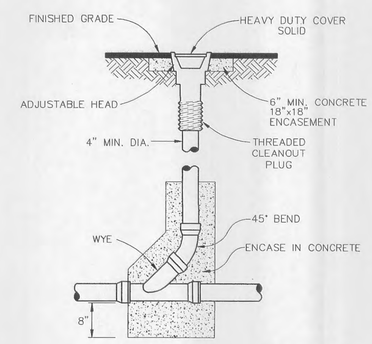
CONC. PAVED SWALE
N.T.S.



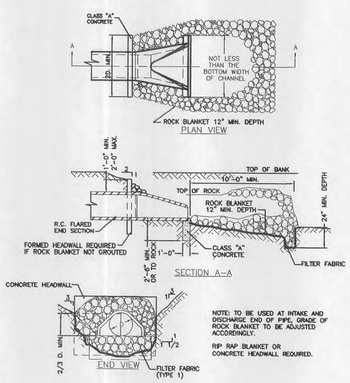

DETAILS OF INLET FRAME AND GRATES




PRECAST CONCRETE UNIT FOR SINGLE CURB INLET




CLEANOUT DETAIL
N.T.S.




FLARED END SECTION

| REVISIONS | | |
|---|---|---|
| NO. | DATE | |

ENGINEERS AUTHENTICATION
The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.
PICKETT, RAY & SILVER, INC
ERIC SCOTT KIRCHNER E-2001004618
REGISTERED PROFESSIONAL ENGINEER STATE OF MISSOURI
4/21/2004

| DRAWN | DATE |
|---|---|
| B.L.P. | 08-12-04 |
| CHECKED D.L.S. | DATE 08-12-04 |
| PROJECT # 01212.BRST.00C | |
| TASK # 1 | FIELD BOOK 826A |

CROSSINGS SPEC BLDG #2
CONSTRUCTION DETAILS

SHEET 6 OF 7

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