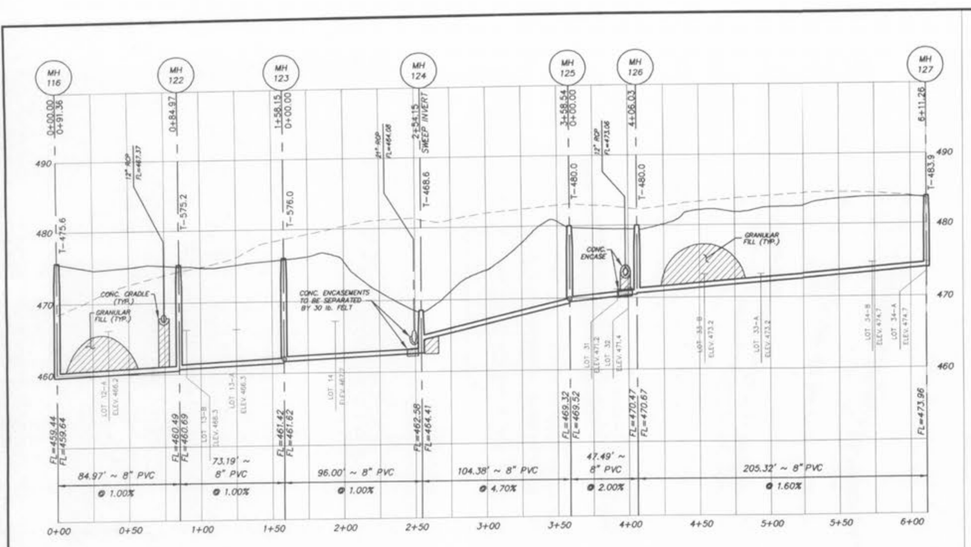
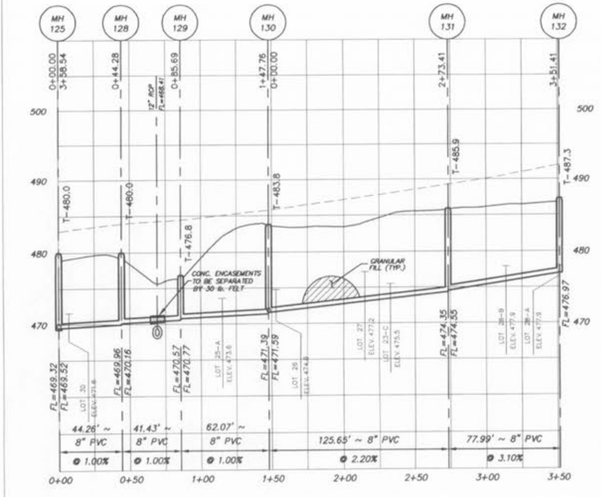
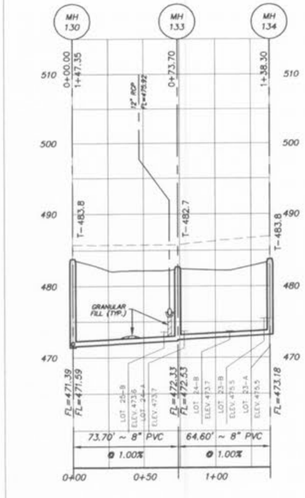
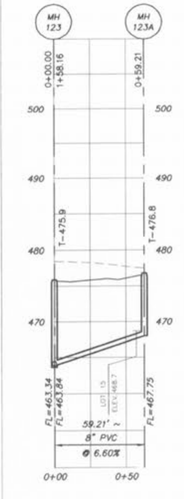
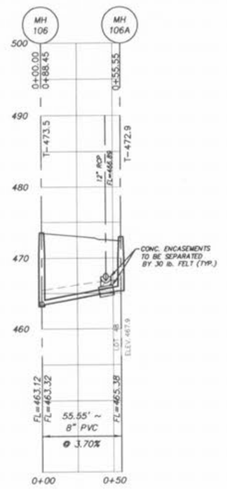
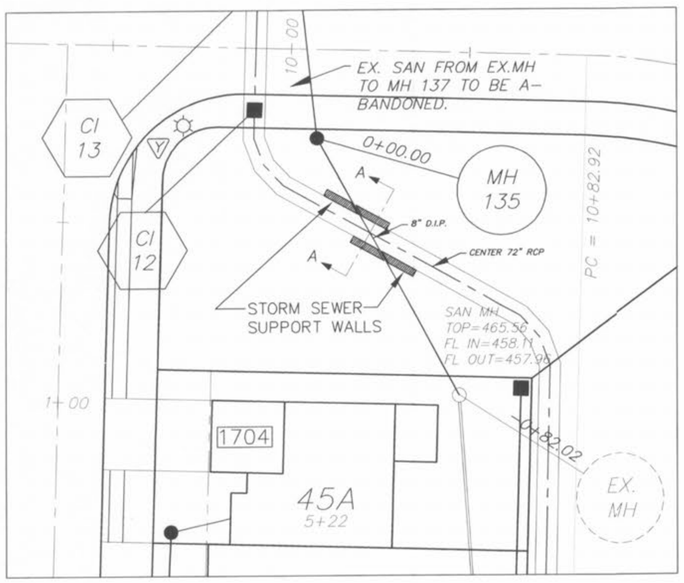


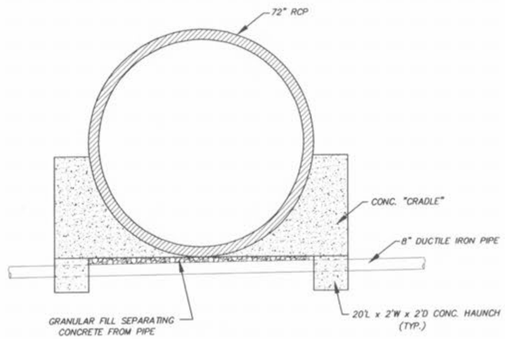




## SEWER CROSSING DETAIL

1" = 20'




NOTE: PROVIDE 3-6" GAP BETWEEN CONCRETE CRADLE AND 8" PIPE.

## SECTION A-A

N.T.S.

IF THE STORM AND SANITARY SEWERS ARE PARALLEL AND IN THE SAME TRENCH OR DITCH, THE UPPER SHALL BE PLACED ON A SHELF AND THE LOWER SHALL BE BEDDED IN COMPACTED GRANULAR FILL TO THE FLOW LINE OF THE UPPER.

ALL SANITARY LATERAL STREET CROSSINGS, IF TRENCHED, SHALL BE BACKFILLED WITH GRANULAR MATERIAL (AGGREGATE).

STORM SEWERS WHICH CROSS OVER EXISTING OR PROPOSED SANITARY SEWER TRENCHES SHALL BE CRADLED IN CONCRETE (OR ENCASED H.D.P.E.) THROUGH THE FULL WIDTH OF THE SANITARY SEWER TRENCH. THE TRENCH SHALL BE BACKFILLED AND COMPACTED GRANULAR FILL TO THE BOTTOM OF THE CONCRETE CRADLE.

HORIZONTAL SCALE: 1" = 50'

VERTICAL SCALE: 1" = 10'


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


# VILLAS AT CRYSTAL RIDGE
## SANITARY SEWER PROFILES

Prepared For:
SUMMIT POINTE L.C.

239 FOX HILL ROAD
ST. CHARLES, MO. 63301
(636) 940-9500

| REVISIONS | | | |
|---|---|---|---|
| NO | DATE | | |
| 1 | 6-24-03 | REV. PER CITY OF O'FALLON | |
| 2 | 8/12/03 | REV. PER CITY OF O'FALLON | |
| 3 | 9/08/03 | REV. PER CITY OF O'FALLON | |

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

| | |
|---|---|
| DRAWN E.J.S. | DATE 04/09/03 |
| CHECKED D.W.D. | DATE 04/09/03 |
| PROJECT # 01212.SUP0.02R | |
| TASK # 2 | FIELD BOOK X |

VILLAS AT CRYSTAL RIDGE
SANITARY SEWER PROFILES

SHEET 10 OF 26

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