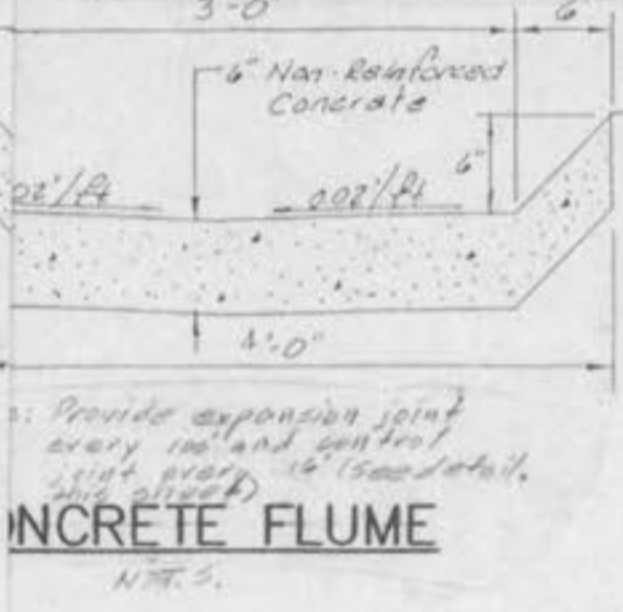
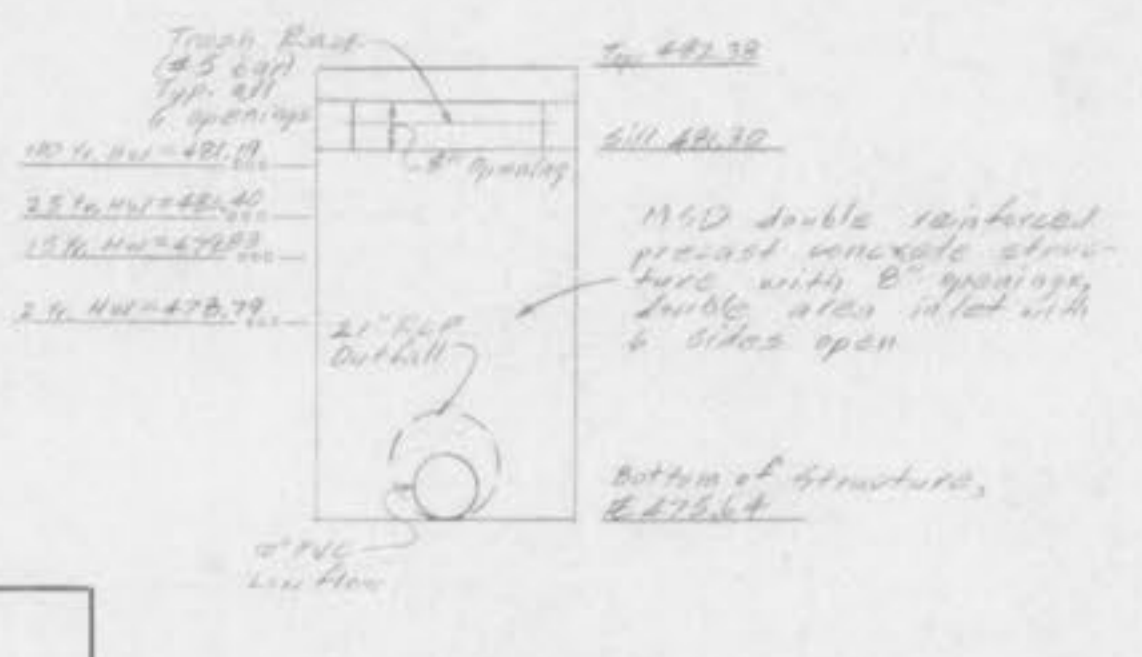


TYPICAL ROAD SECTION

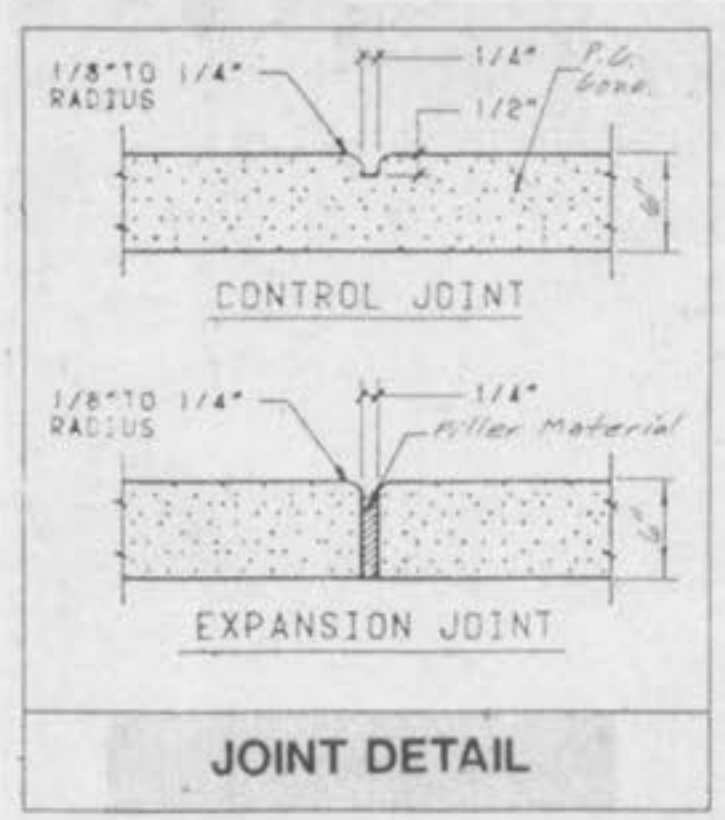


CONCRETE FLUME

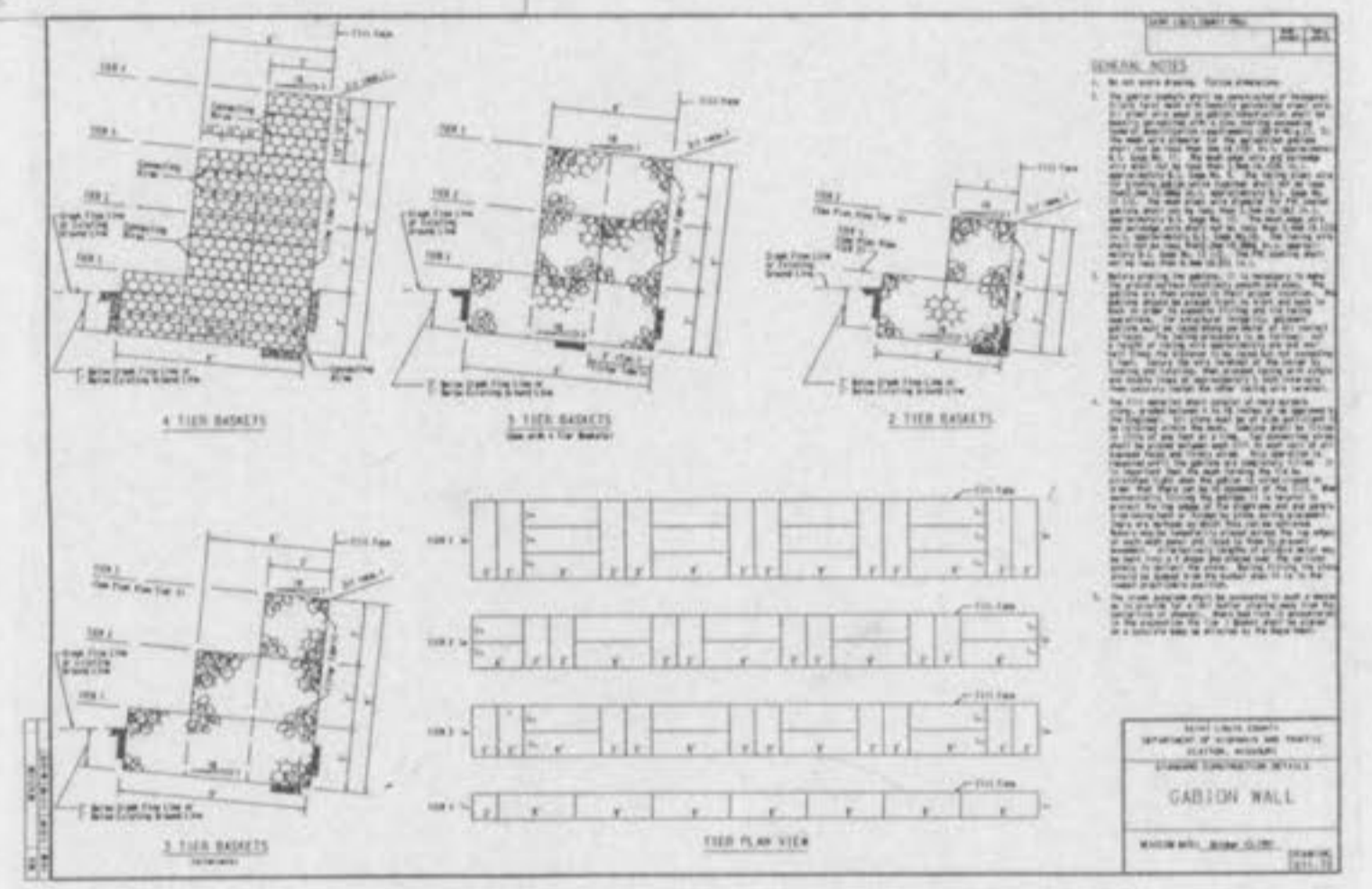
ACTUAL Q = (5.47 AC)(1.74) = 9.52 CFS
 $n = 0.013$
 $WP = 4.28 FT$
 $A = 1.55 SF$
 $r = A/WP = 0.3621$
 $f_{sp} = 0.5081$
 $S = 1.2\%$
 $S^2 = 0.1095$
 $Q = A \cdot V = 9.86 CFS$
 $V = Q/A = 6.36 FPS$
 $DEPTH = 0.45 FT$
 $W = 3\% \cdot Q$



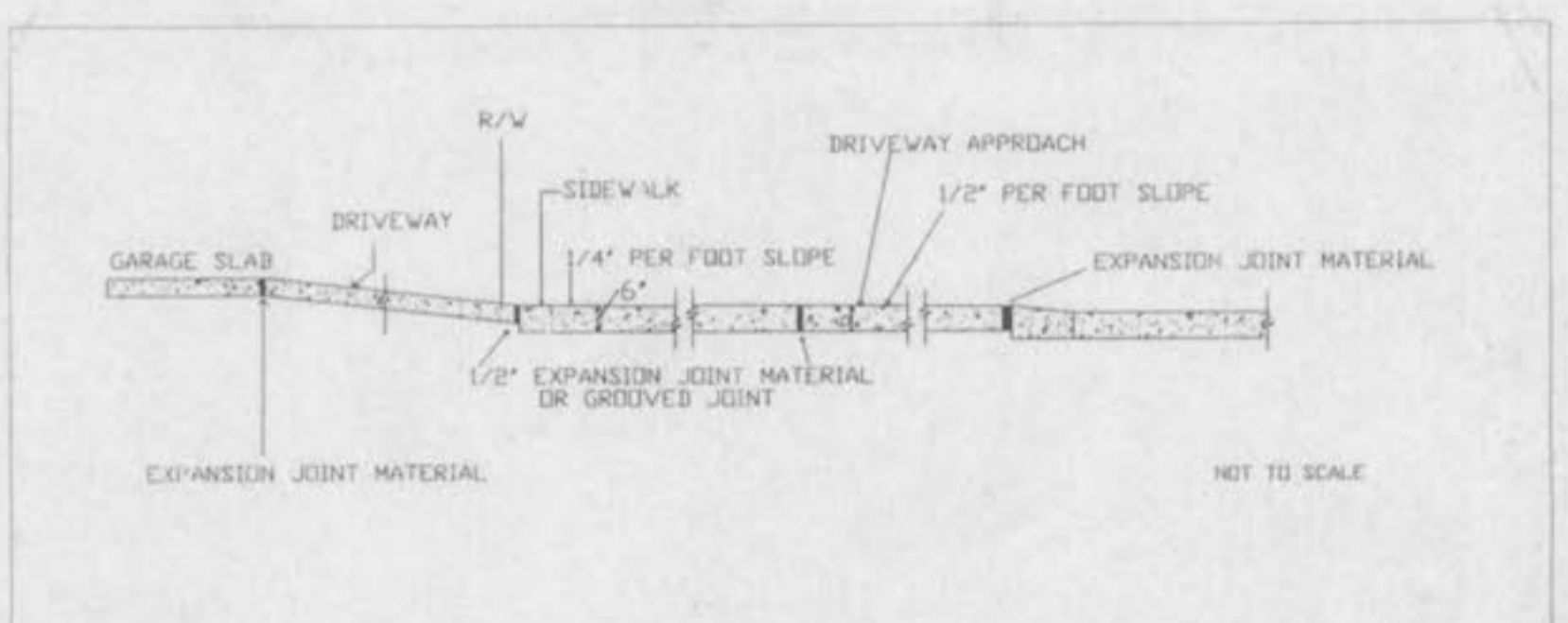
OVERFLOW STRUCTURE (OS 37)



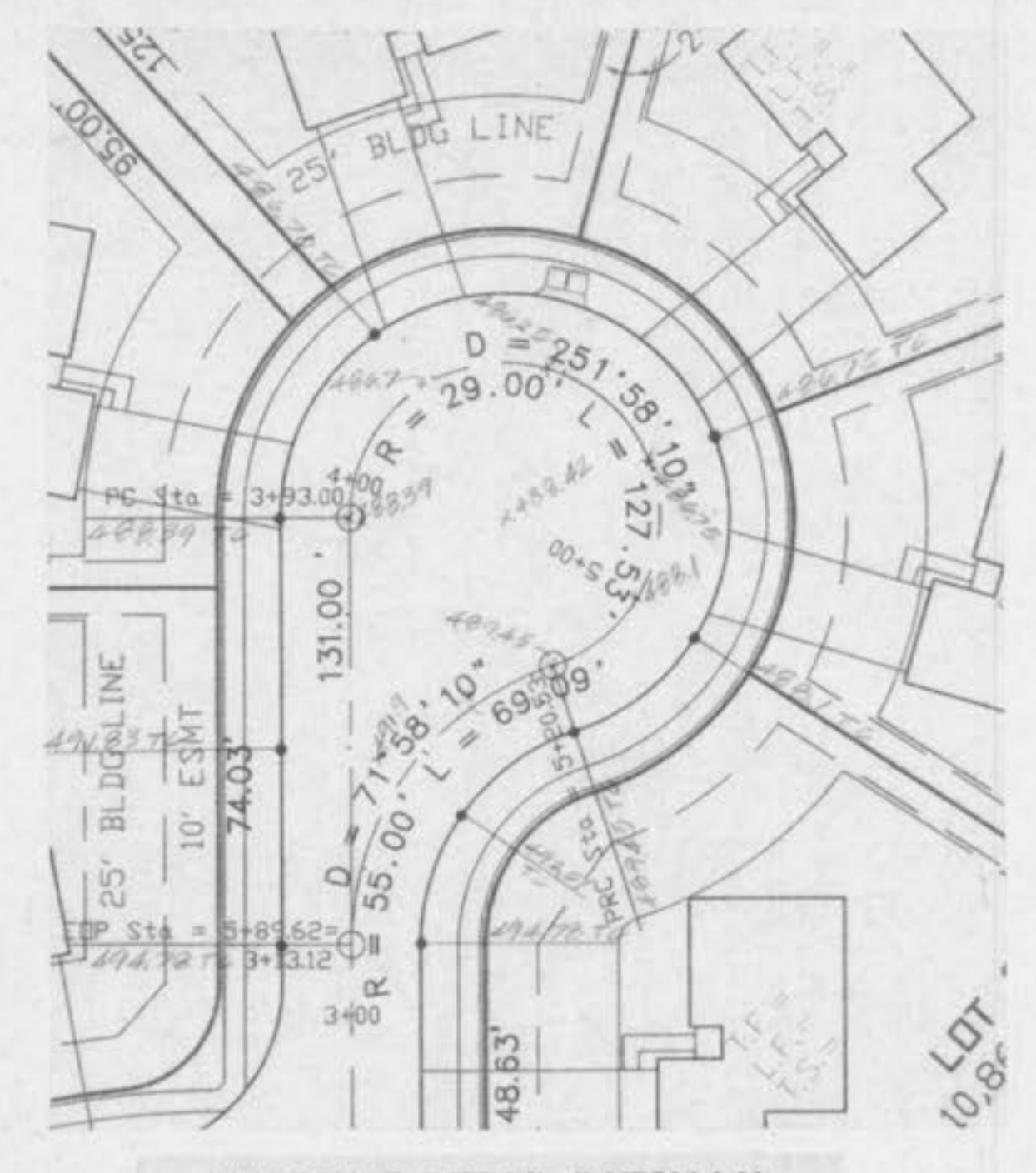
JOINT DETAIL



FOR BID PURPOSES ONLY, DESIGN BY OTHERS



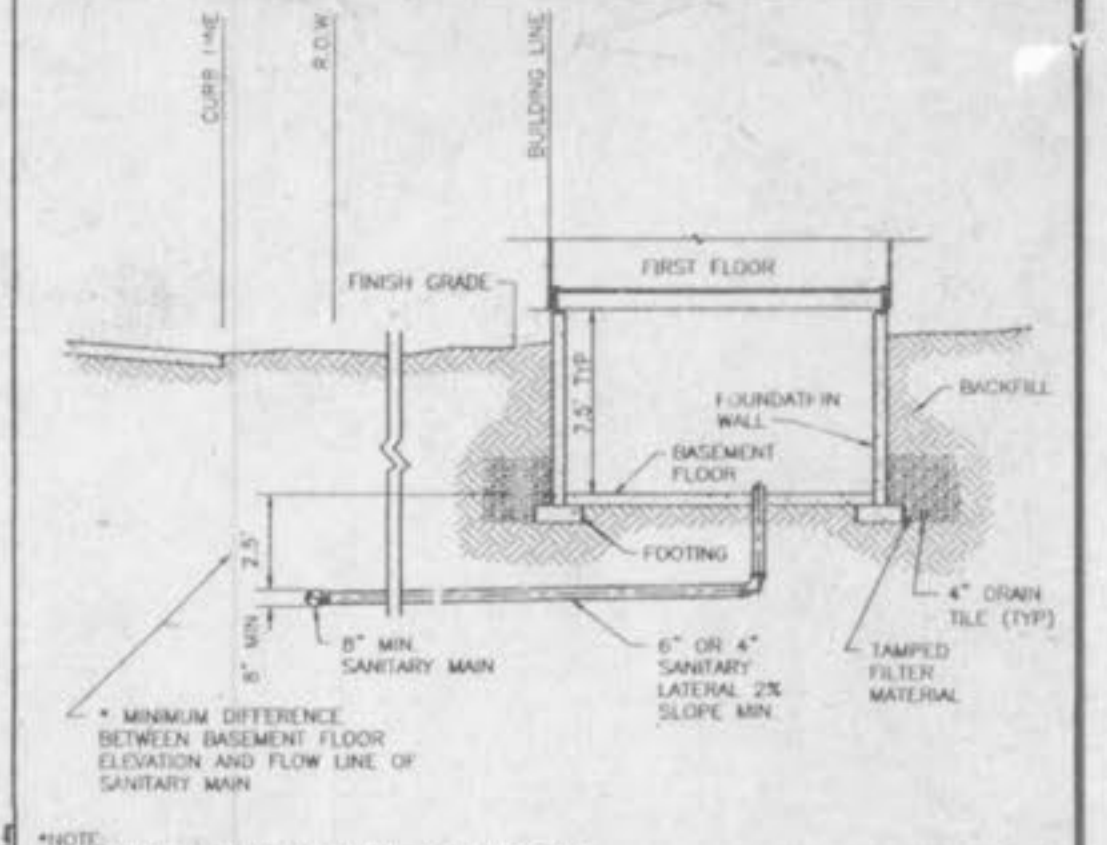
- NOTES:
1. A 1" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON THE OUTER EDGE OF CURVED PAVEMENT, UNLESS GROOVED JOINTS ARE USED AT SIDEWALK. IN A 2" JOINT IS REQUIRED AT CURB.
 2. A 1/2" JOINT IS REQUIRED AT THE CURB AND GARAGE FOR ALL DRIVEWAYS LOCATED ON TANGENT SECTIONS OF PAVEMENT OR ON THE INNER EDGE OF CURVED PAVEMENT.
 3. EXPANSION JOINT MATERIAL MUST EXTEND THROUGH THE FULL DEPTH OF THE PAVEMENT.
 4. SIDEWALK THICKNESS SHALL BE A MINIMUM OF 7" THROUGH COMMERCIAL DRIVEWAYS.



WARPING DETAIL, PATSY LN.

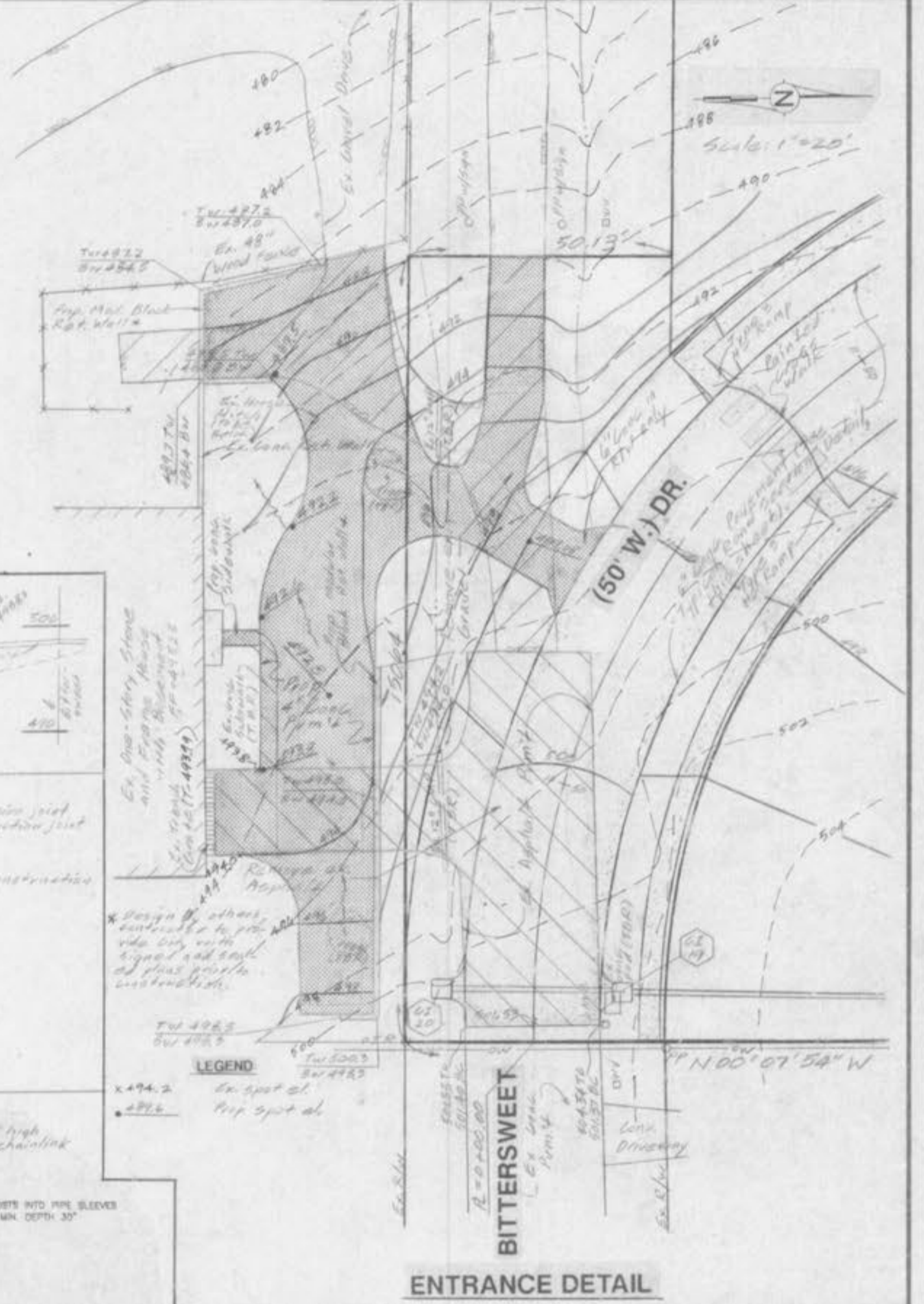


PROVIDE R-1 STOP SIGN PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

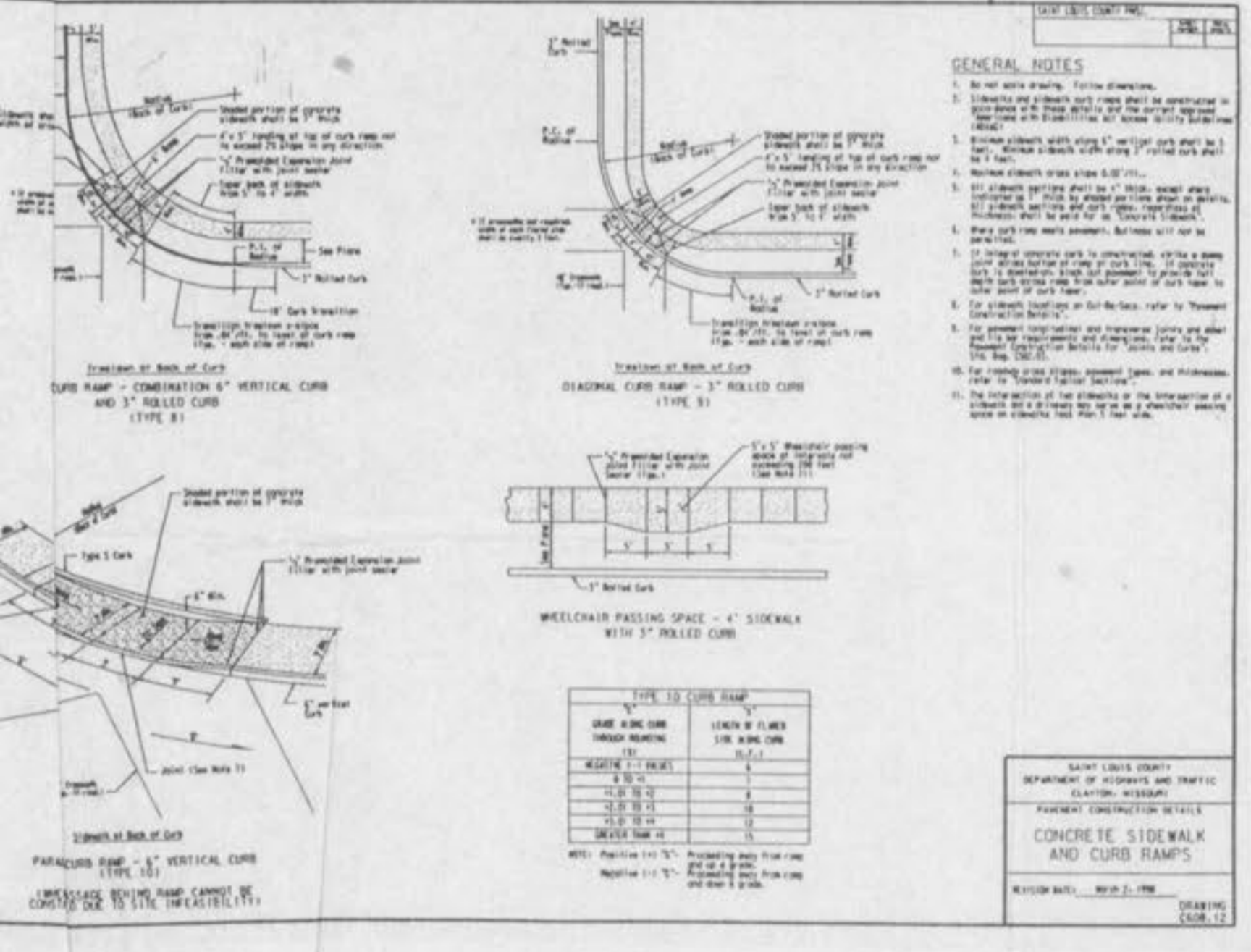


ENTRANCE DETAIL

DUCKETT CREEK SANITARY DISTRICT
 TYPICAL SANITARY SEWER LATERAL PROFILE
 26



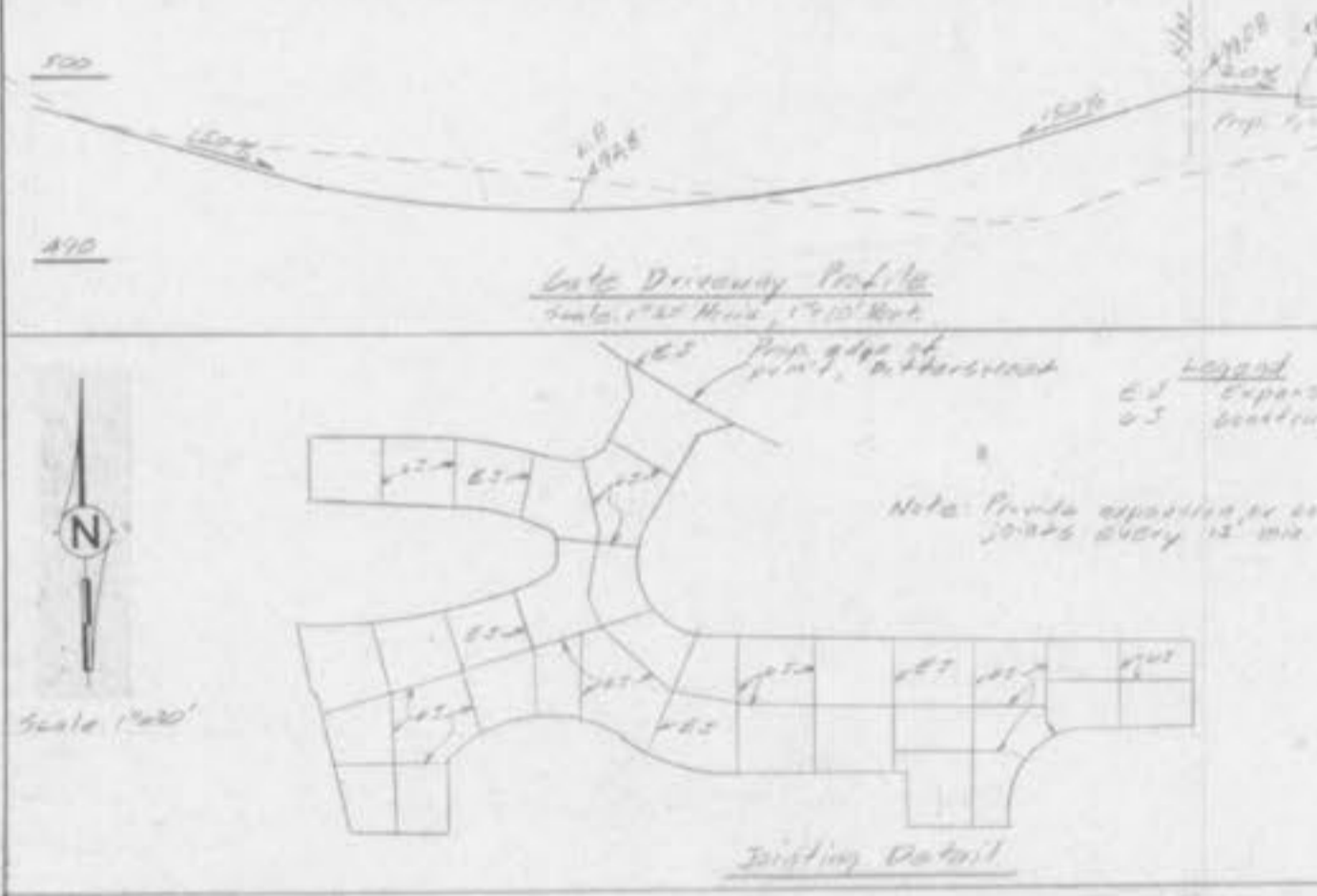
ENTRANCE DETAIL



- GENERAL NOTES:
1. All work shall be done in accordance with the specifications of the Missouri Department of Transportation.
 2. All materials shall be of the highest quality and shall be tested and approved by the engineer before use.
 3. All work shall be done in accordance with the plans and specifications.
 4. All work shall be done in accordance with the plans and specifications.
 5. All work shall be done in accordance with the plans and specifications.
 6. All work shall be done in accordance with the plans and specifications.
 7. All work shall be done in accordance with the plans and specifications.
 8. All work shall be done in accordance with the plans and specifications.
 9. All work shall be done in accordance with the plans and specifications.
 10. All work shall be done in accordance with the plans and specifications.



CHAIN-LINK FENCE



HERCULES RETAINING WALL (DESIGN BY OTHERS)

- GENERAL NOTES:
1. FOUNDATION NOTES:
 - RETAINED SOIL DENSITY 120 PCF
 - SOIL MOISTURE INFILL DENSITY 100 PCF
 - FOUNDATION SOIL PH ANGLE 28 DBA
 - FOUNDATION SOIL ADHESION 280 PSF
 - GRANULAR FOUNDATION PH ANGLE 54 DBA
 2. CONCRETE 8000 PSI
 3. DESIGN IS SUITABLE FOR THE FOLLOWING SOIL TYPES: FIRM SILTY CLAY, BRAVEL SANDY, GRANULAR SANDY CLAY
- NOTE: DETAILED DESIGN CALCULATIONS FOR WALL SHALL BE PROVIDED WHEN APPLYING FOR WALL CONSTRUCTION PERMIT



DETAIL SHEET

PREPARED FOR:
 VERITAS LAND INVESTMENTS, LLC
 5457 LEGEND COURT, SUITE 120
 ST. CHARLES, MISSOURI

Rev. Date	Description	Rev. Date	Description
1-12-05	Rev. San. Sewer	8-17-05	Rev. Gate Driveway
1-24-05	O'Fallon comments	8-22-05	Rev. Gate Driveway
3-28-05	O'Fallon comments	8-24-05	Rev. Gate Driveway
3-17-05	O'Fallon comments	8-24-05	Rev. Gate Driveway

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