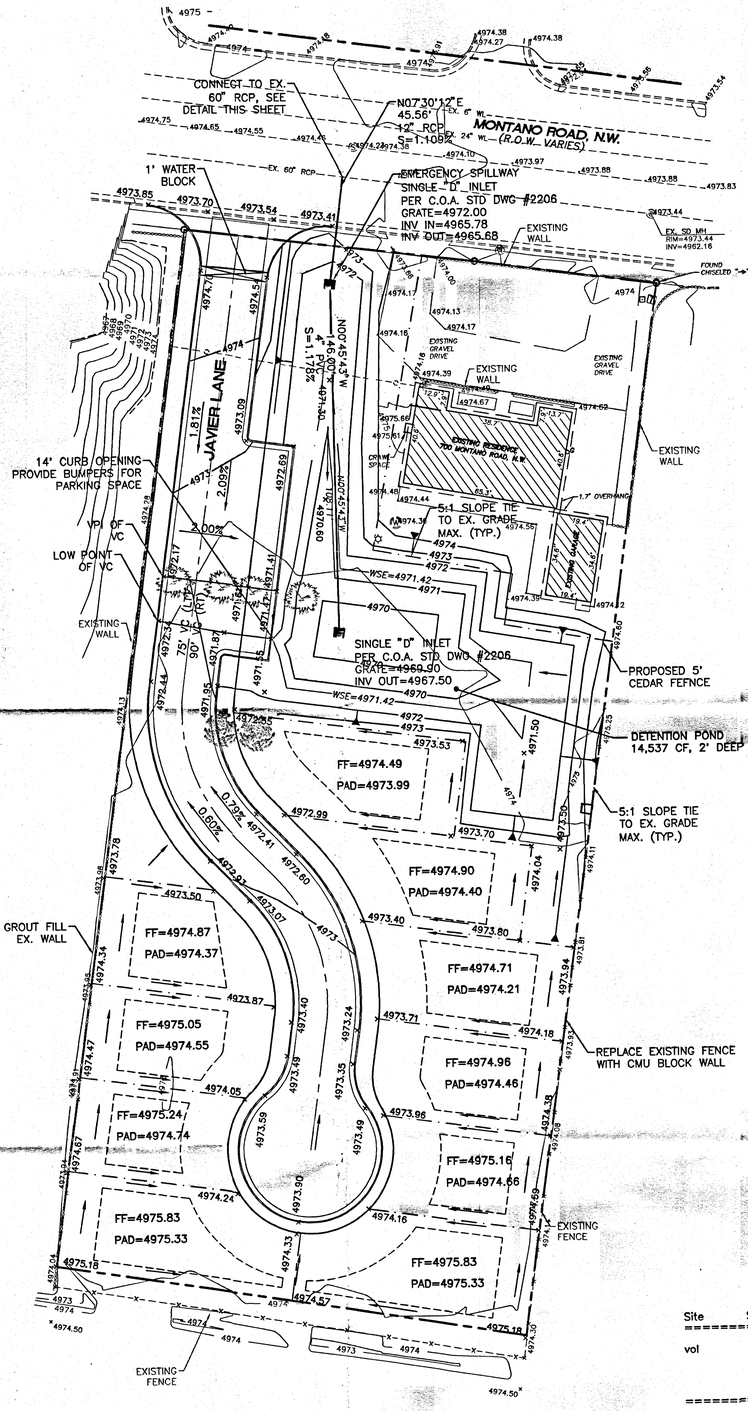
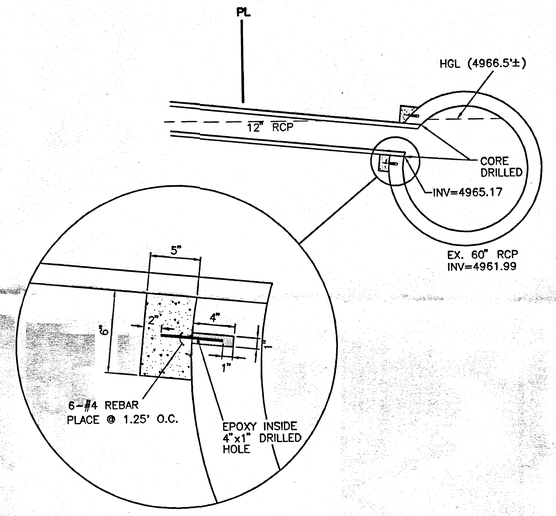
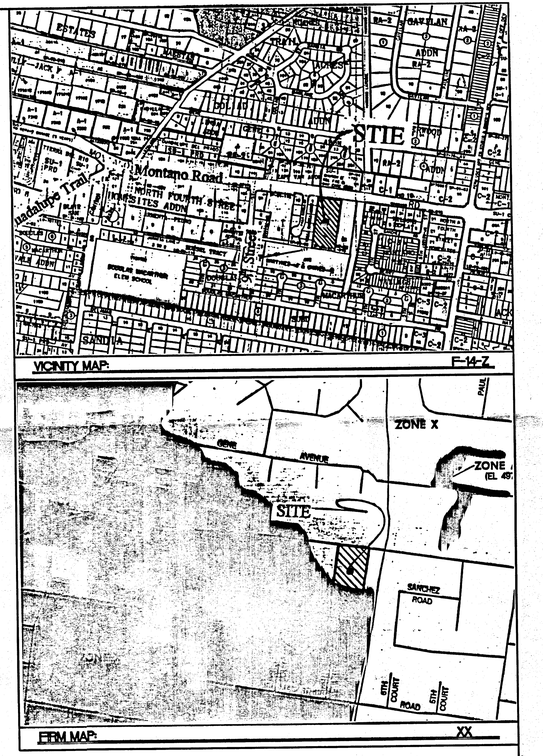



**STORM SEWER CONNECTION DETAIL**
NTS

Site Volume Table: Adjusted (30% Shrinkage)

| Site | Stratum | Surf1 | Surf2 | Cut yards | Fill yards | Net yards | Method |
|---|---|---|---|---|---|---|---|
| vol | vol | exgr | fg | 1312.97 | 1041.02 | 271.96 (C) | Grid |
| | | | | 1320.53 | 1048.41 | 272.12 (C) | End area |
| | | | | 1352.57 | 1054.12 | 298.45 (C) | Prismoidal |
| | | | | | Average = | 280 | Ecess Cut |




**LEGAL DESCRIPTION:**
LOT 6A, N. FOURTH STREET HOMESITE ADDITION

**NOTES:**
1. ALL SPOT ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.

**LEGEND**

| | |
|---|---|
| ------EX. 8" SAS------ | EXISTING SANITARY SEWER LINE |
| ------EX. 16" WL------ | EXISTING WATER LINE |
| ------EX. 24" RCP------ | EXISTING STORM SEWER LINE |
| | PROPOSED STORM SEWER MANHOLE |
| | PROPOSED SNGL. "D" INLET |
| | PROPOSED DBL. "D" INLET |
| ------24" RCP------ | PROPOSED STORM SEWER LINE |
| ---x---x---x---x---x--- | EXISTING FENCE |
| | EXISTING CURB & GUTTER |
| | PROPOSED CURB & GUTTER |
| | BOUNDARY LINE |
| | EASEMENT |
| | PROPOSED SIDEWALK |
| | EXISTING PERIMETER WALL |
| 5011 | EXISTING CONTOUR |
| 5010 | EXISTING INDEX CONTOUR |
| 5011 | PROPOSED CONTOUR |
| 5010 | PROPOSED INDEX CONTOUR |
| | FLOW ARROW |
| | SLOPE TIE |
| × 5048.25 | EXISTING SPOT ELEVATION |
| × 5048.25 | PROPOSED SPOT ELEVATION |
| | 100 YR WATER SURFACE ELEVATION |

N

GRAPHIC SCALE
30 15 0 15 30
SCALE: 1"=30'

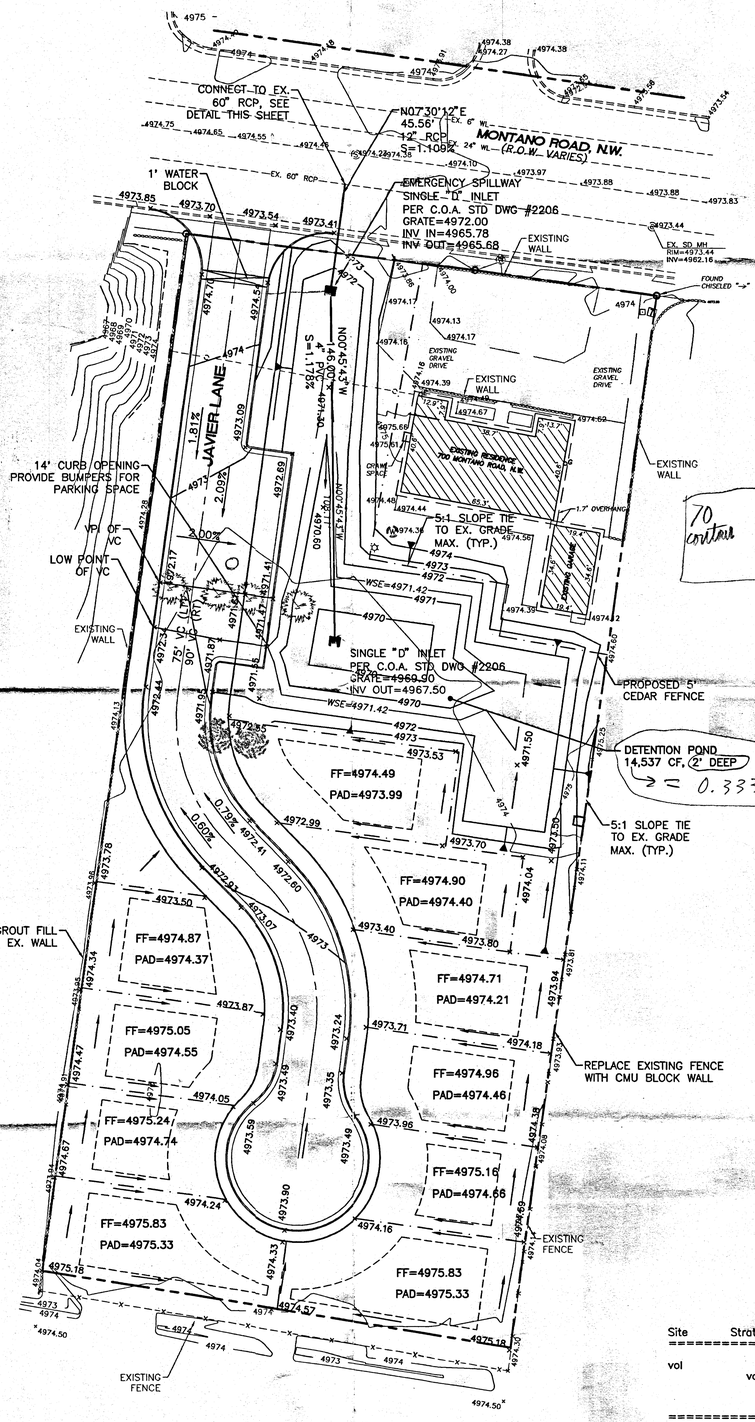
ENGINEER'S SEAL
RONALD RAY BOHANNAN NEW MEXICO 7868 REGISTERED PROFESSIONAL ENGINEER
RONALD R. BOHANNAN P.E. #7868

# JAVIER ESTATES

## GRADING AND DRAINAGE PLAN

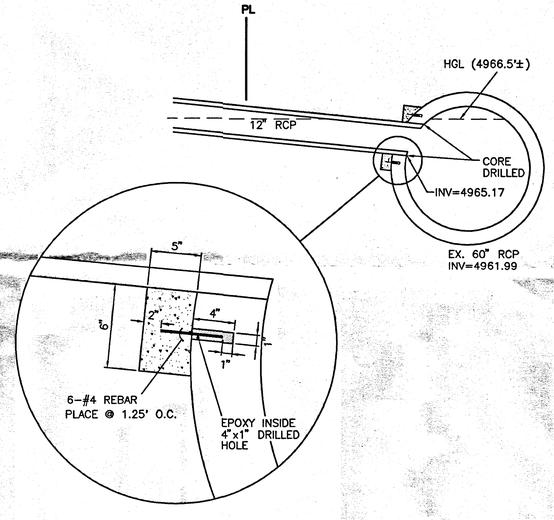
TIERRA WEST, LLC
4421 McLEOD ROAD, N.E., SUITE D
ALBUQUERQUE, NEW MEXICO 87109
(505)883-7592

DRAWN BY BDG
DATE 1-11-99
FILE NAME 9859SP.DWG
SHEET # 3
JOB # 980059




70 contour = 50'x24' = 1200 ft²

short 13 of report shows the pond would have to be over 5' deep to have this volume

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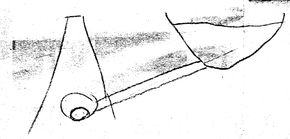

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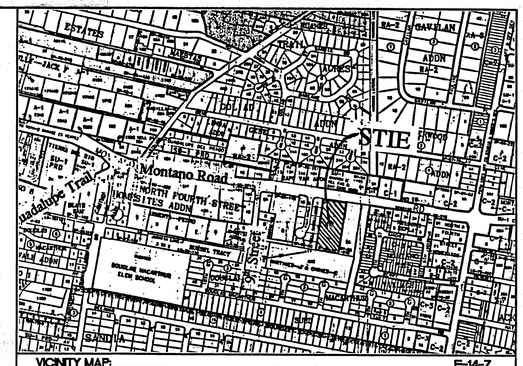
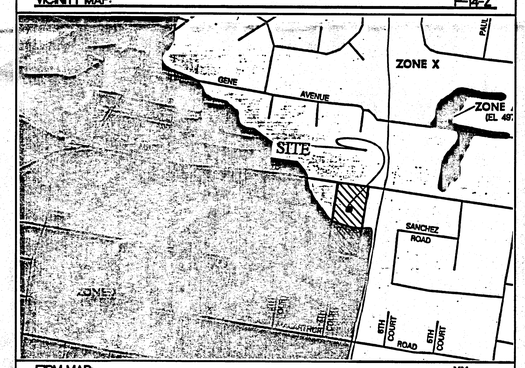
2.01' x 440' = 2.02 ac. = 0.0032 sq mi

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