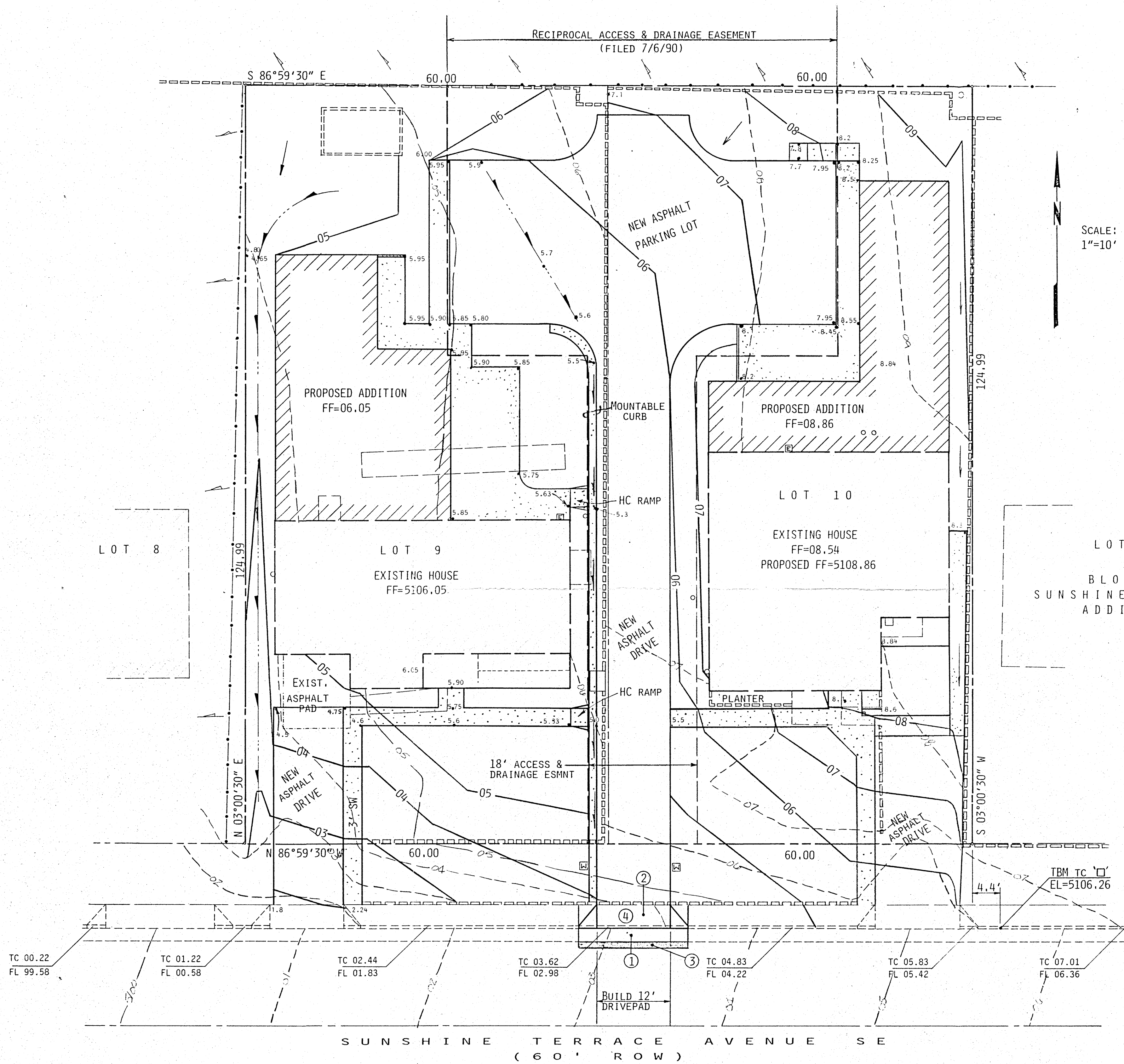
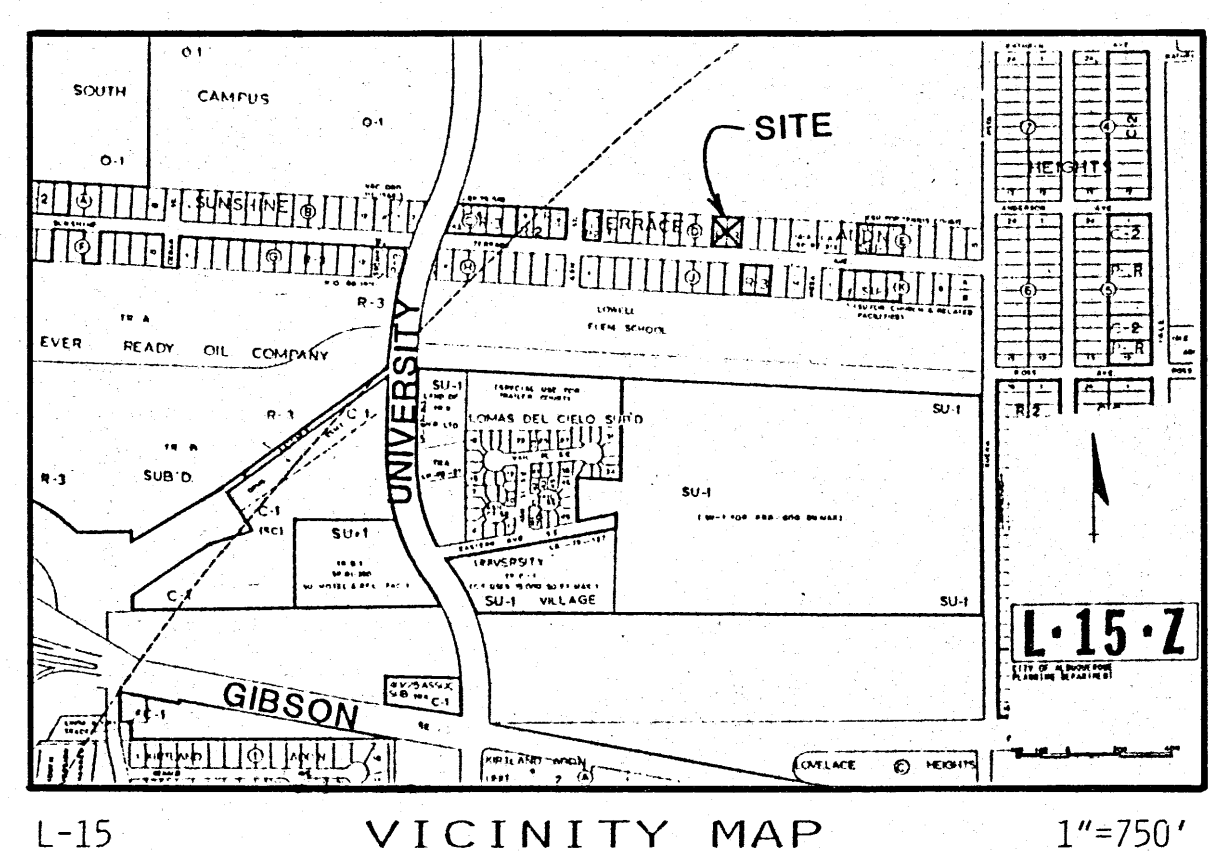
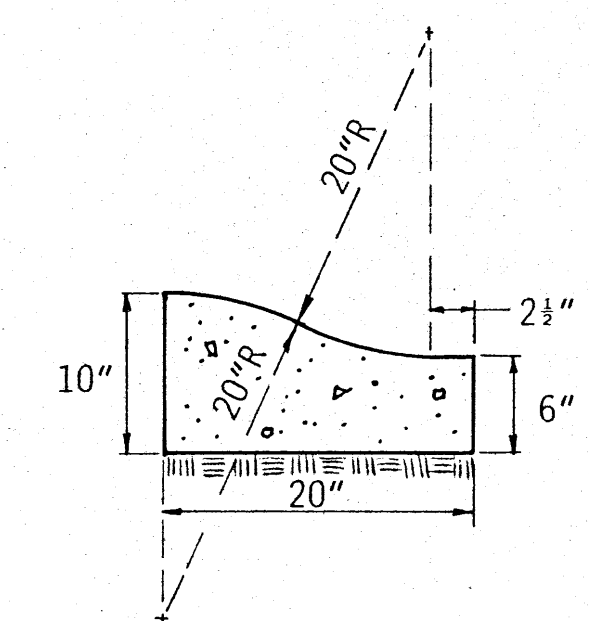
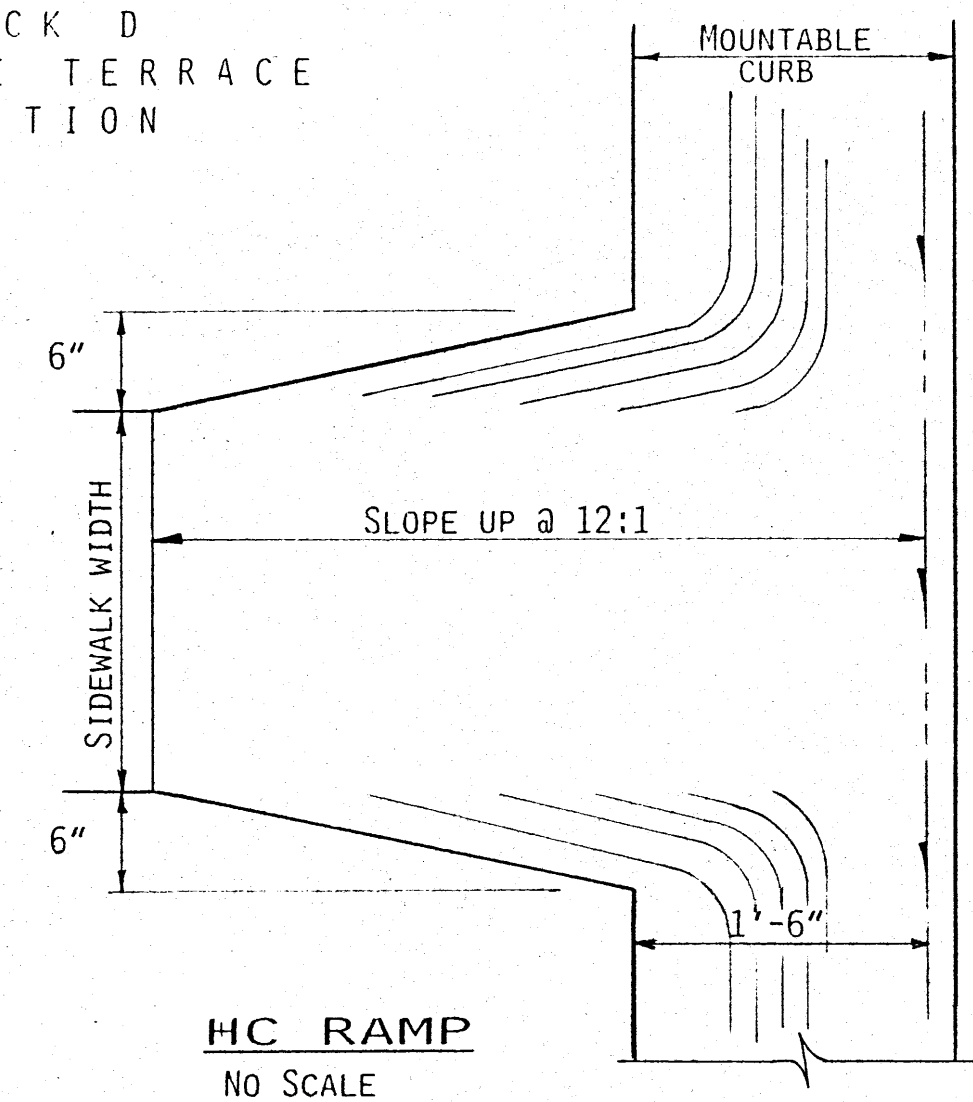




LEGEND

|          |                         |
|----------|-------------------------|
| ---      | EXISTING CONTOUR        |
| ---      | PROPOSED CONTOUR        |
| ---      | EXISTING FLOW PATTERN   |
| ---      | PROPOSED FLOW PATTERN   |
| FF=08.86 | FINISH FLOOR ELEVATION  |
| 7.1      | EXISTING SPOT ELEVATION |
| 8.45     | PROPOSED SPOT ELEVATION |

SCALE:  
1"=10'



BENCHMARK(S)  
ACS BRASS CAP "L-715" LOCATED AT NORTHWEST CORNER OF YALE BLVD. SE & KATHRYN AVE. SE  
ELEV.=5161.48  
TBM: A SQUARE CHISELED IN THE TOP OF CURB NEAR THE SOUTHEAST CORNER OF LOT 10 AS SHOWN  
ELEV.=5106.26  
SURVEYOR: TOPOGRAPHIC SURVEY BY BILL PETTIT 9-18-91  
LEGAL DESCRIPTION: LOTS 9 & 10, BLOCK D, SUNSHINE TERRACE ADDITION.  
FLOOD HAZARD: AS SHOWN ON PANEL 35 OF THE FEMA FLOOD MAPS, THIS SITE IS NOT IN A DEFINED FLOOD ZONE.  
SOILS: PLATE 31 OF THE SCS SOIL SURVEY OF BERNALILLO COUNTY DESIGNATES THIS AS CUT & FILL LAND THAT IS CONSIDERED TO BE IN HYDROLOGIC SOIL GROUP 'A'.  
OFFSITE FLOWS: THIS SITE DOES NOT ACCEPT ANY OFFSITE FLOWS AS EXISTING BLOCK WALLS ALONG THE EAST AND NORTH SIDES DIRECT FLOWS AWAY FROM THE PROPERTY.

RUNOFF COMPUTATIONS:

EXISTING CONDITIONS

AREA=14,999 SF=0.3443 AC

| LAND TREATMENT | %   | AREA  |
|----------------|-----|-------|
| A              | 0   | 0     |
| B              | 0   | 0     |
| C              | 77  | 0.265 |
| D              | 23  | 0.079 |
|                | 100 |       |

100 YR Q=3.14(0.265)+4.70(0.079)=1.20 CFS  
V(100 YR, 6 HR)=(1.13(.265)+2.12(.079)(43560/12)=1.695 CF

PROPOSED CONDITIONS

| LAND TREATMENT | %   | AREA  |
|----------------|-----|-------|
| A              | 0   | 0     |
| B              | 4   | 0.015 |
| C              | 25  | 0.084 |
| D              | 71  | 0.245 |
|                | 100 |       |

100 YR Q=2.28(0.015)+3.14(0.084)+4.70(0.245)=1.45 CFS  
V(100 YR, 6 HR)=(0.78(.015)+1.13(.084)+2.12(.245)(43560/12)=2.272 CF

THE PROPOSED IMPROVEMENTS ASSOCIATED WITH THIS REMODEL/ ADDITION WILL GENERATE AN ADDITIONAL 100-YR Q OF 0.25 CFS. HISTORICAL DRAINAGE PATTERNS WILL NOT BE CHANGED.

RECEIVED  
OCT 7 1991  
HYDROLOGY DIVISION

SCOTT M. MCELF  
NEW MEXICO  
REGISTERED PROFESSIONAL  
10-7-91

PUBLIC ROW CONSTRUCTION NOTES

1. REMOVE & DISPOSE FULL CURB & GUTTER STONES AS NECESSARY.
2. REMOVE & DISPOSE EXISTING SIDEWALK TO NEAREST JOINT.
3. REMOVE 1'-0" OF ASPHALT PAVING AS NECESSARY.
4. BUILD NEW 12' DRIVEPAD PER CITY STD. DWG. NO. 2425 AND NEW CURB & GUTTER AND SIDEWALK PER STD. DWG. NOS. 2415 & 2430.