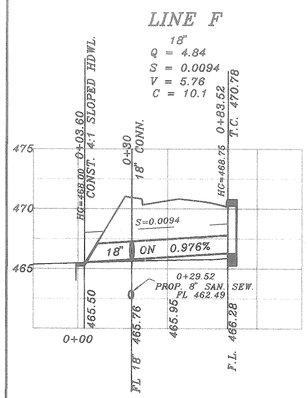
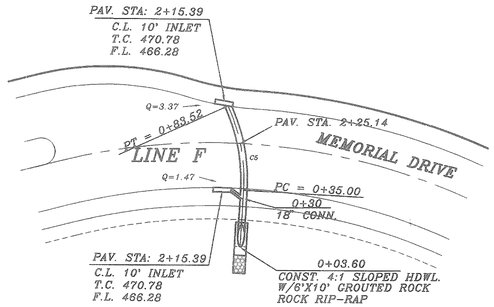
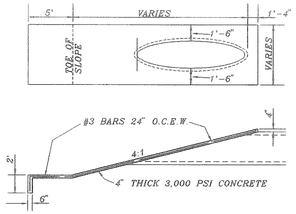
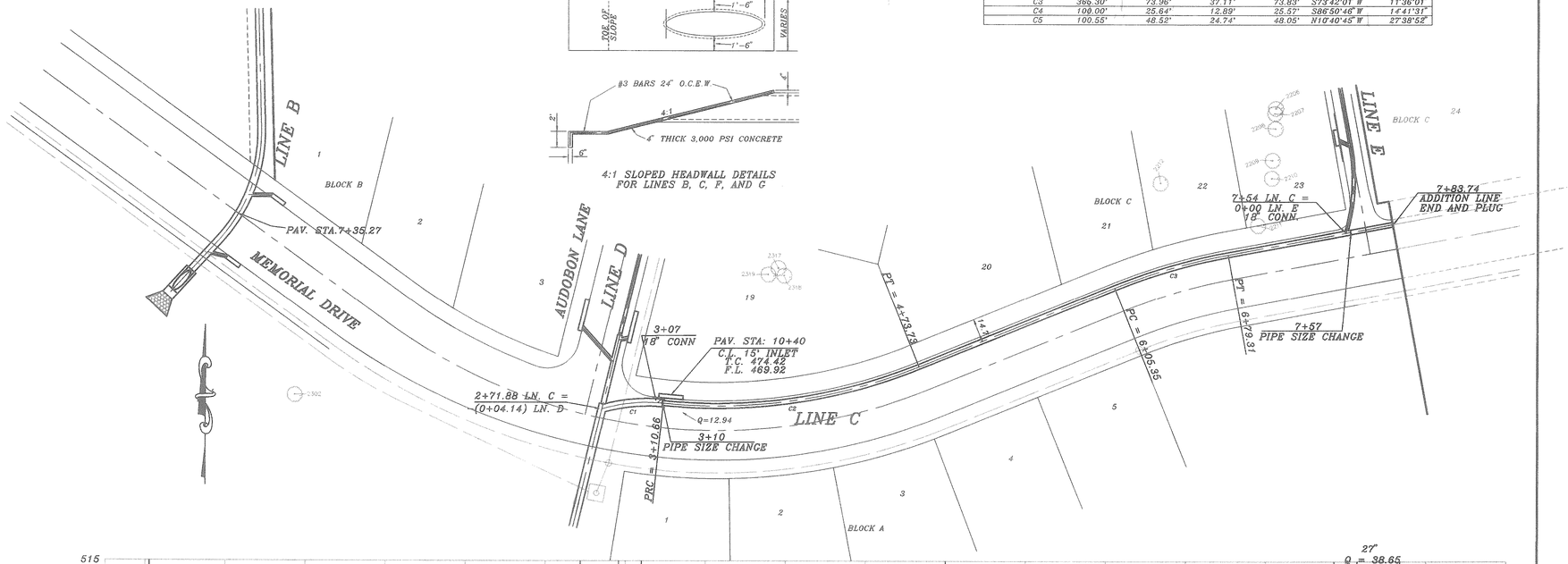


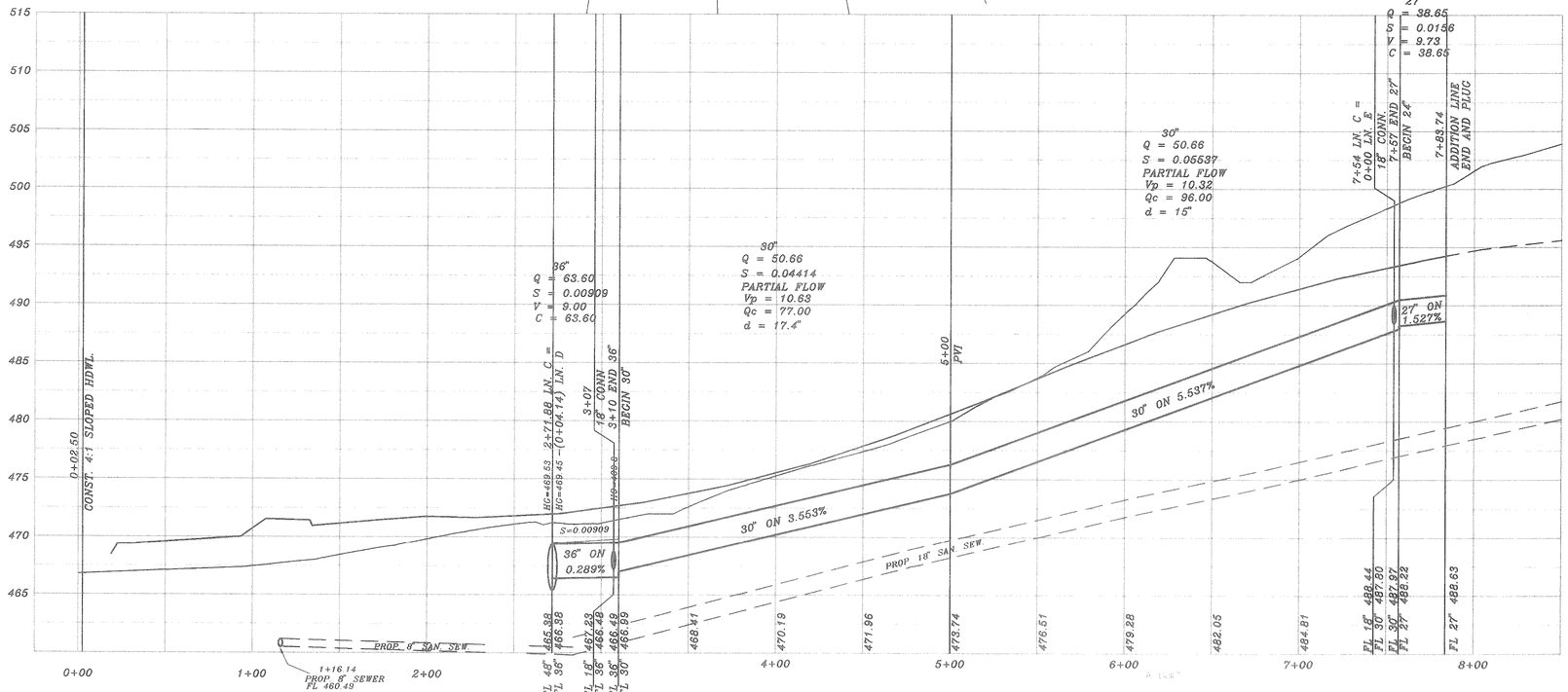




4:1 SLOPED HEADWALL DETAILS
FOR LINES B, C, F, AND G

| CURVE | RADIUS | LENGTH | TANGENT | CHORD | BEARING | DELTA |
|---|---|---|---|---|---|---|
| C1 | 100.00' | 38.78' | 19.64' | 38.54' | S84°42'18"W | 22°13'10" |
| C2 | 334.70' | 163.07' | 83.19' | 161.46' | N81°51'27"E | 27°54'53" |
| C3 | 366.30' | 73.96' | 37.11' | 73.83' | S73°42'01"W | 11°36'01" |
| C4 | 100.00' | 25.64' | 12.89' | 25.57' | S86°50'46"W | 14°41'31" |
| C5 | 100.55' | 48.52' | 24.74' | 48.05' | N16°40'45"W | 27°38'52" |




BENCH MARK
SQUARE CUT IN CONCRETE AT BASE OF CONCRETE WALL AT S.W. CORNER OF SOUTH APPROACH TO BRIDGE OVER SQUABBLE CREEK ON HWY. 205
ELEV.: 472.41

BENCH MARK
60D NAIL IN 36" PECAN TREE (TREE NO. 2302)
PAV. STA. 8+30, 71' RT., MEMORIAL DRIVE
ELEV.: 466.79

BENCH MARK
60D NAIL IN 34" PECAN TREE (TREE NO. 2314)
PAV. STA. 1+83, 138' RT., AUDOBON LANE
ELEV.: 480.88

BENCH MARK
60D NAIL IN 15" PECAN TREE (TREE NO. 2114)
PAV. STA. 10+97 63.5' RT., AUDOBON LANE
ELEV.: 501.54

4-10-02
DATE

STATE OF TEXAS
HAROLD L. EVANS
23155
REGISTERED
PROFESSIONAL ENGINEER

| REVISION DESCRIPTION | DATE |
|---|---|
| REV. PER 4th CITY REVIEW | 7/12/01 |
| REV. PER 3rd CITY REVIEW | 6/11/01 |
| REV. | 5/7/01 |

0020STM2

HAROLD L. EVANS
CONSULTING ENGINEER
P.O. BOX 28355
2331 GUS THOMASSON ROAD, SUITE 102
DALLAS, TEXAS 75228, ( 214 ) 328-8133

| DATE | SCALE | DESIGN | DRAWN |
|---|---|---|---|
| 11/6/00 | 1" = 40'<br>1" = 6' | H.L.E. | |

# PROPOSED DRAINAGE
# LINE C, E F AND G
# QUAIL RUN VALLEY NO. 1
# CITY OF ROCKWALL

SHEET NO. 15 / 21

JOB NO. 0020