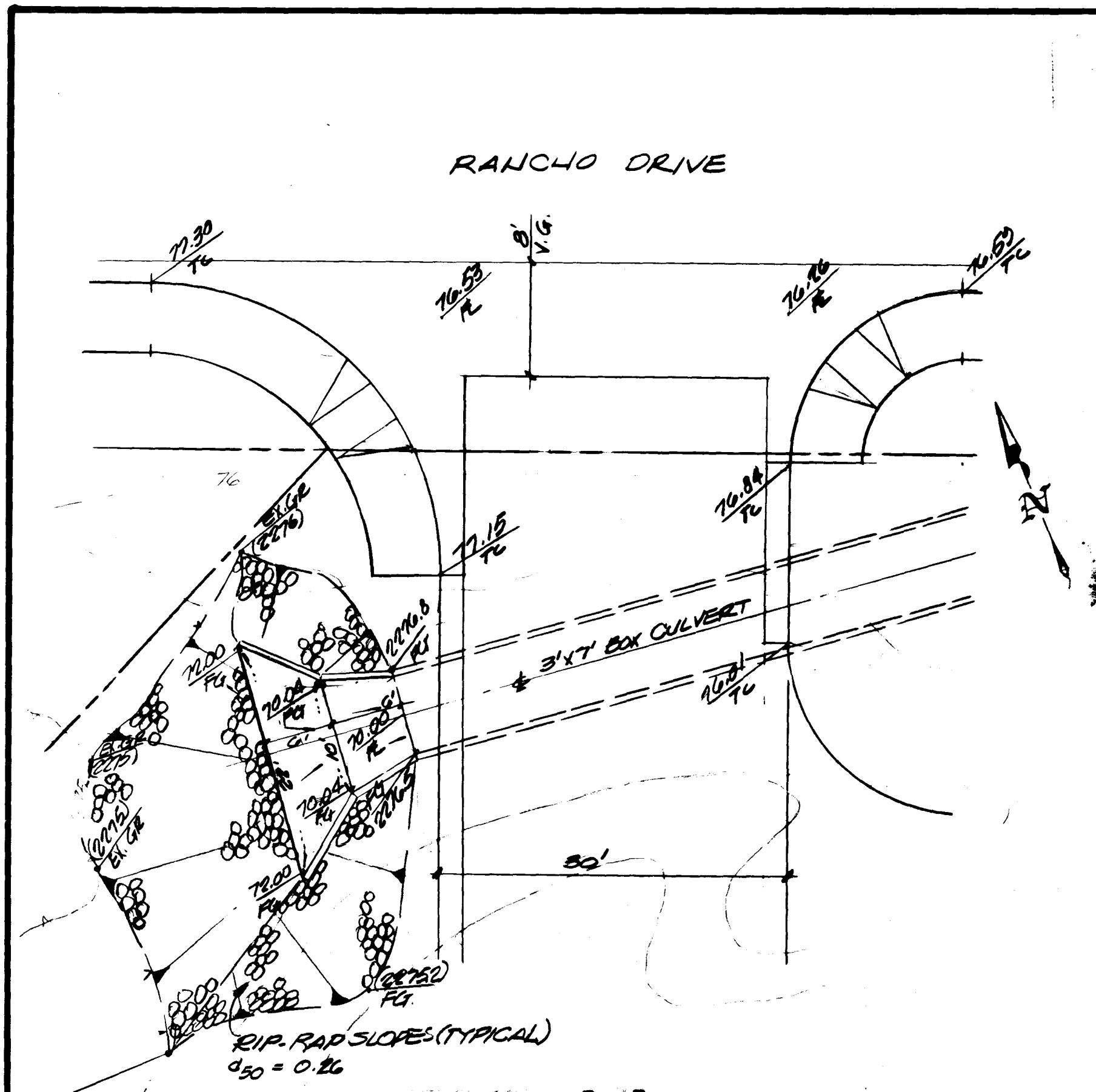
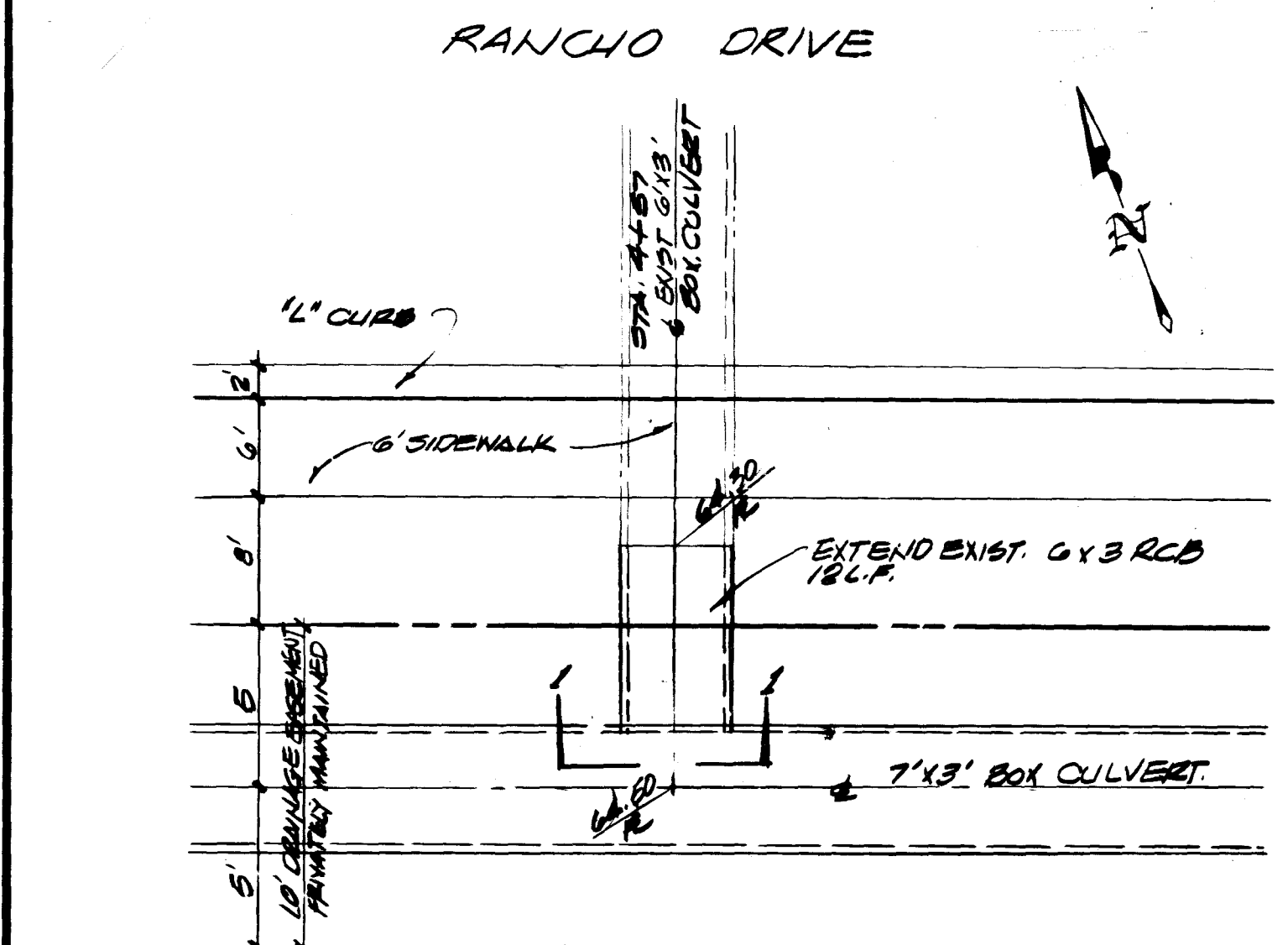
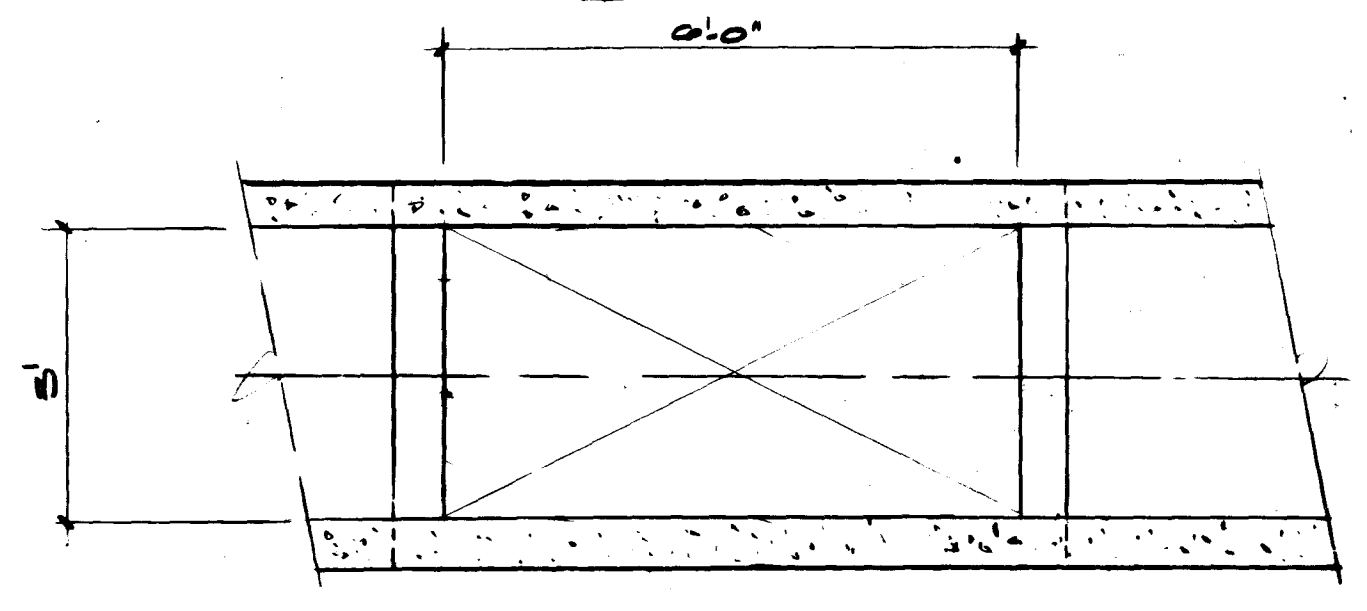




DETAIL 'A'
SCALE 1"=10'

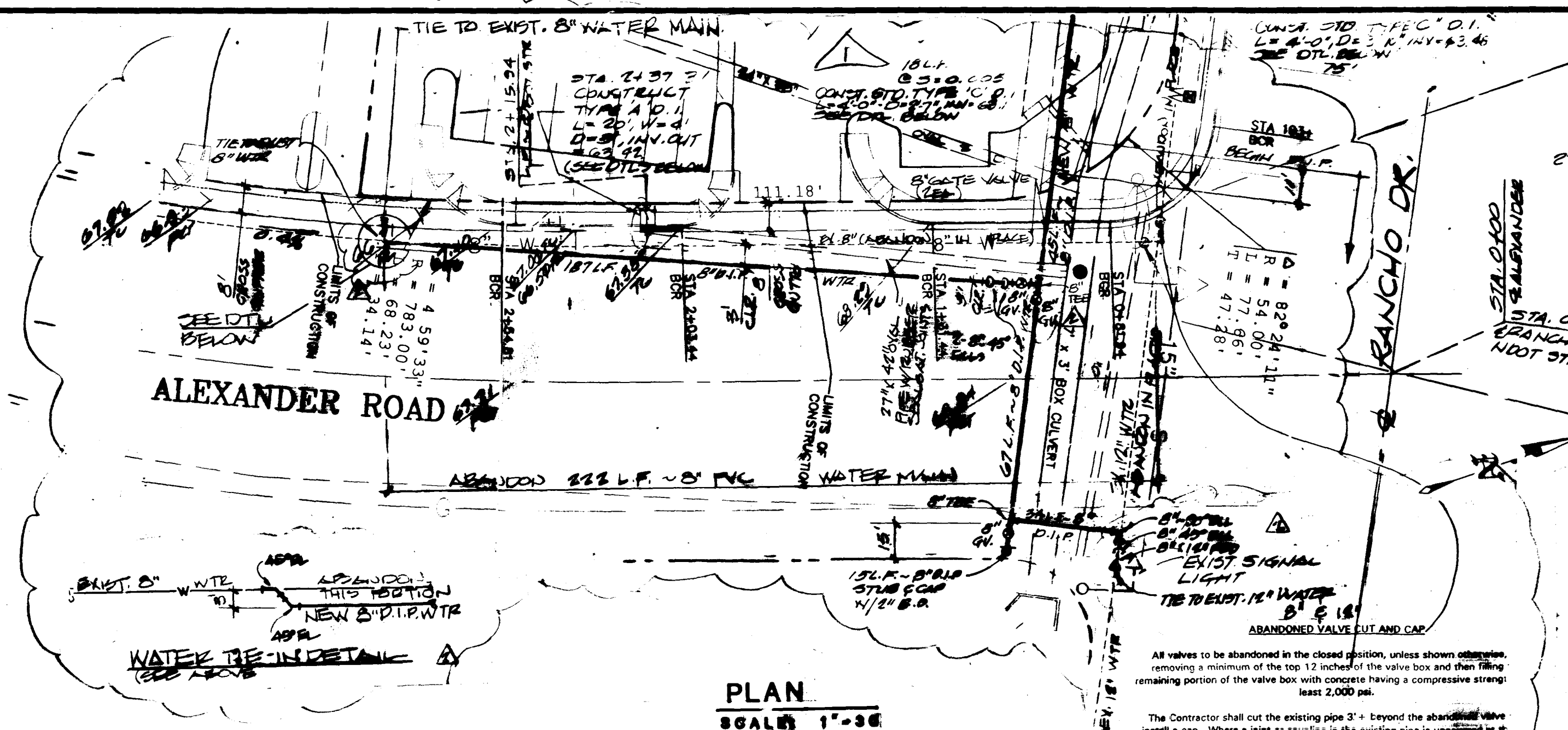


PLAN
0.0'

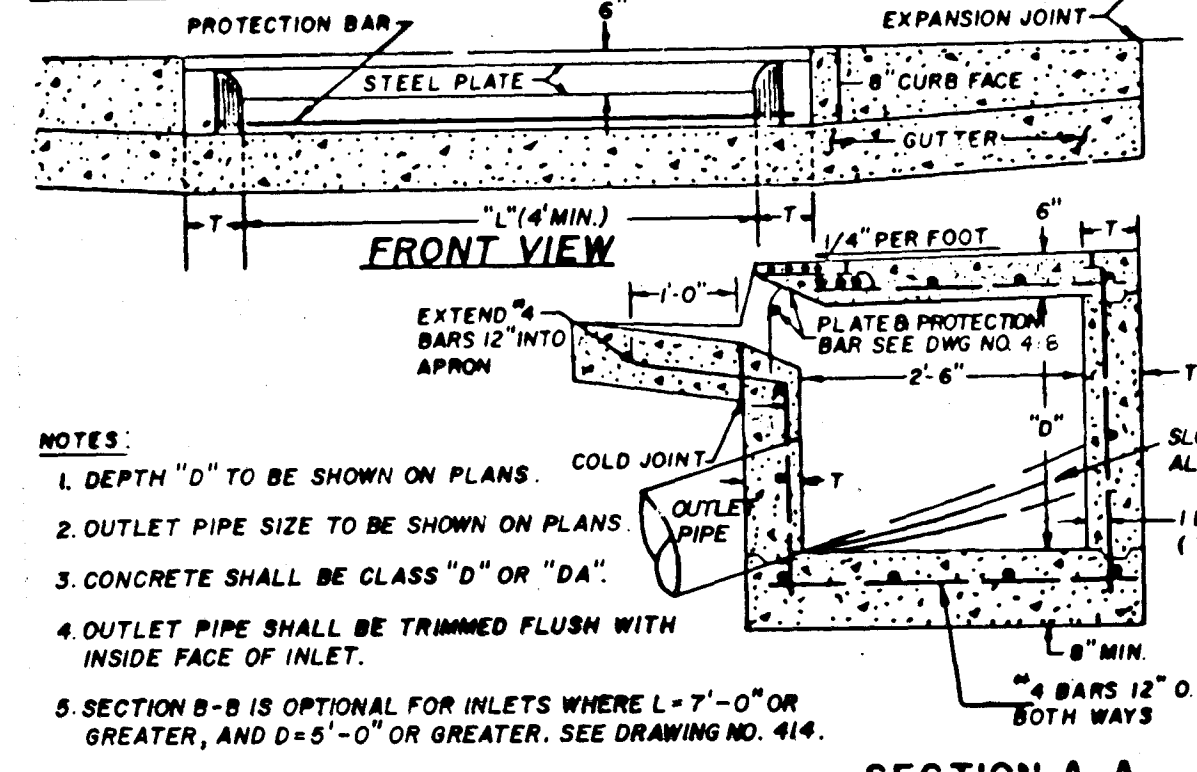
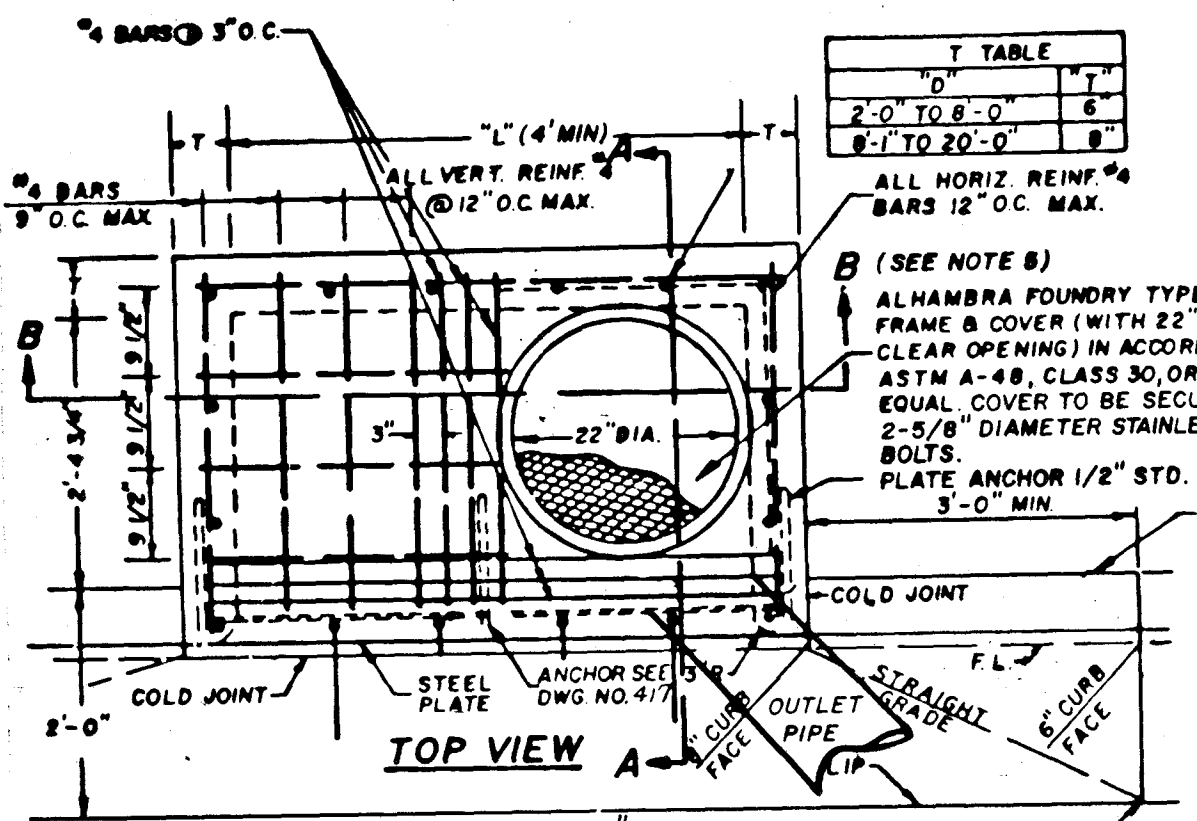


SECTION 1-1

DETAIL 'B'
N.T.S.



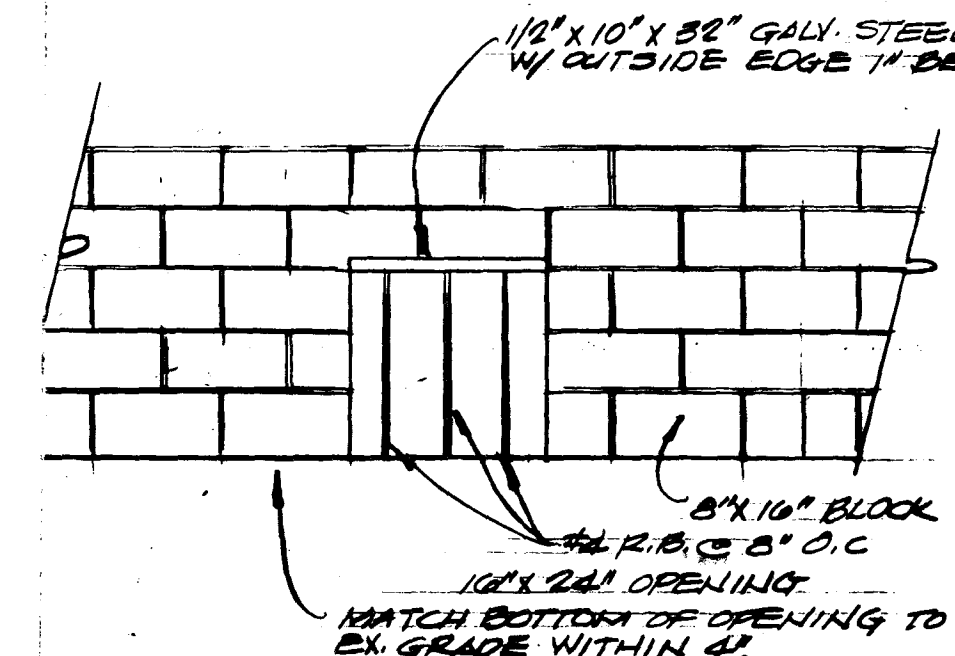
PLAN
SCALE 1"=30'



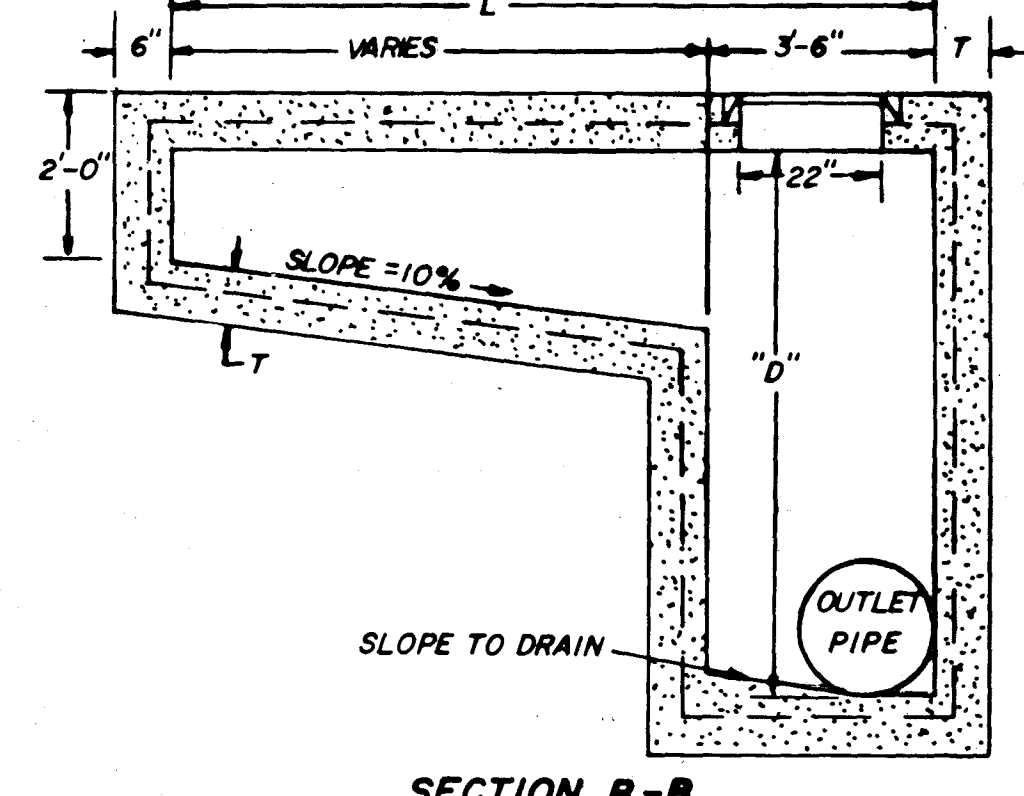
SECTION A-A

TYPE 'A' DROP INLET DETAIL
N.T.S.

DETAIL 'C'



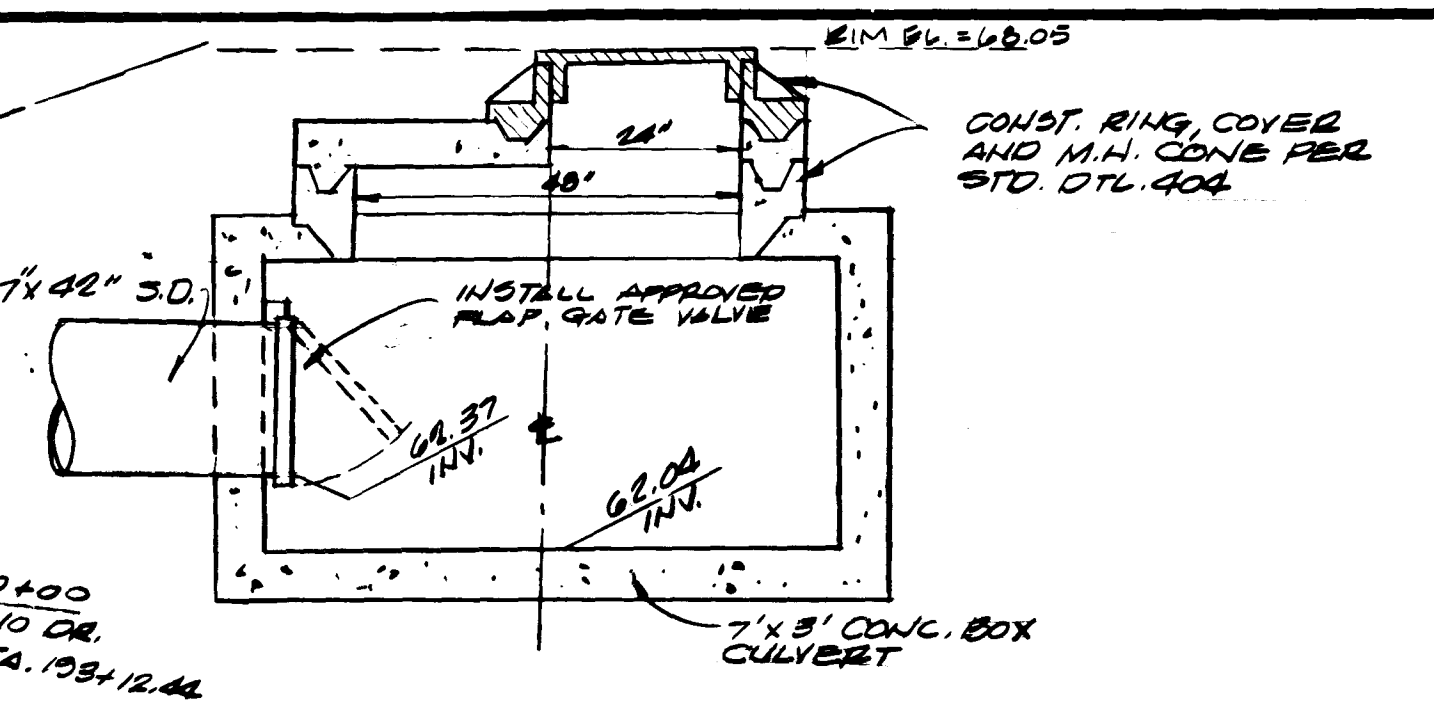
DETAIL 'E'
N.T.S.



SECTION B-B

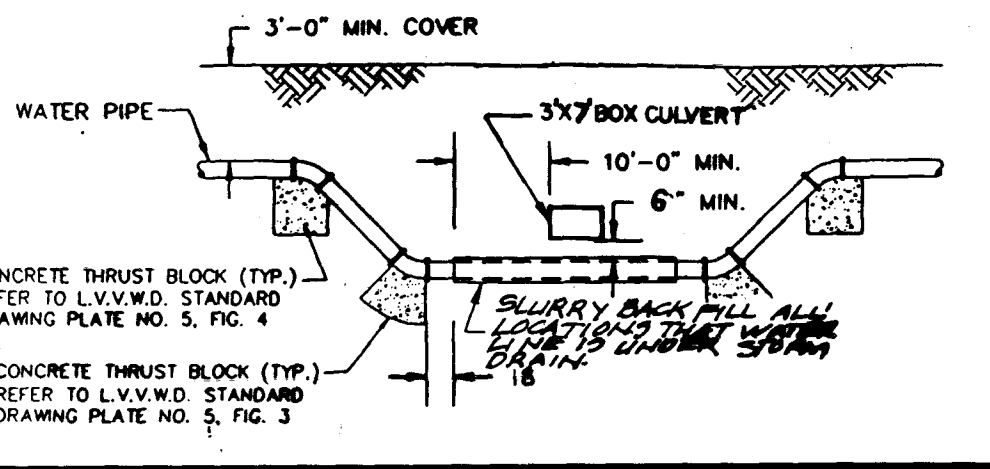
T TABLE	
D	T
2'-0" TO 8'-0"	6"
8'-1" TO 20'-0"	8"

- NOTES:**
1. DEPTH "D" TO BE SHOWN ON PLANS.
 2. OUTLET PIPE SIZE TO BE SHOWN ON PLANS.
 3. SECTION APPEARS AS SECTION B-B FOR DROP INLET TYPE "A", DRAWING NO. 410 AND FOR DROP INLET TYPE "C", DRAWING NO. 412.

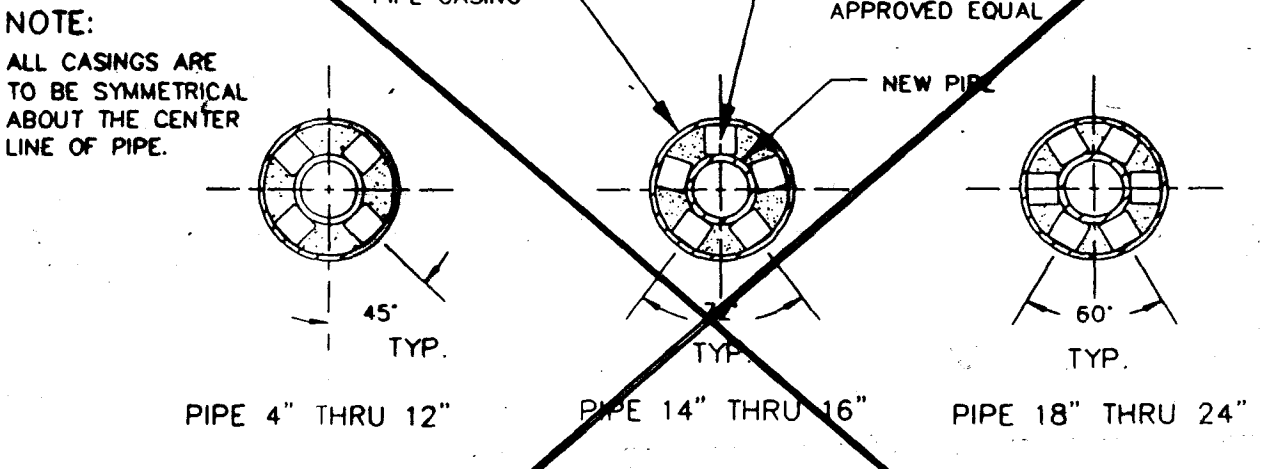


SECTION 2-2

STORM/SEWER WATER CROSSING DETAIL

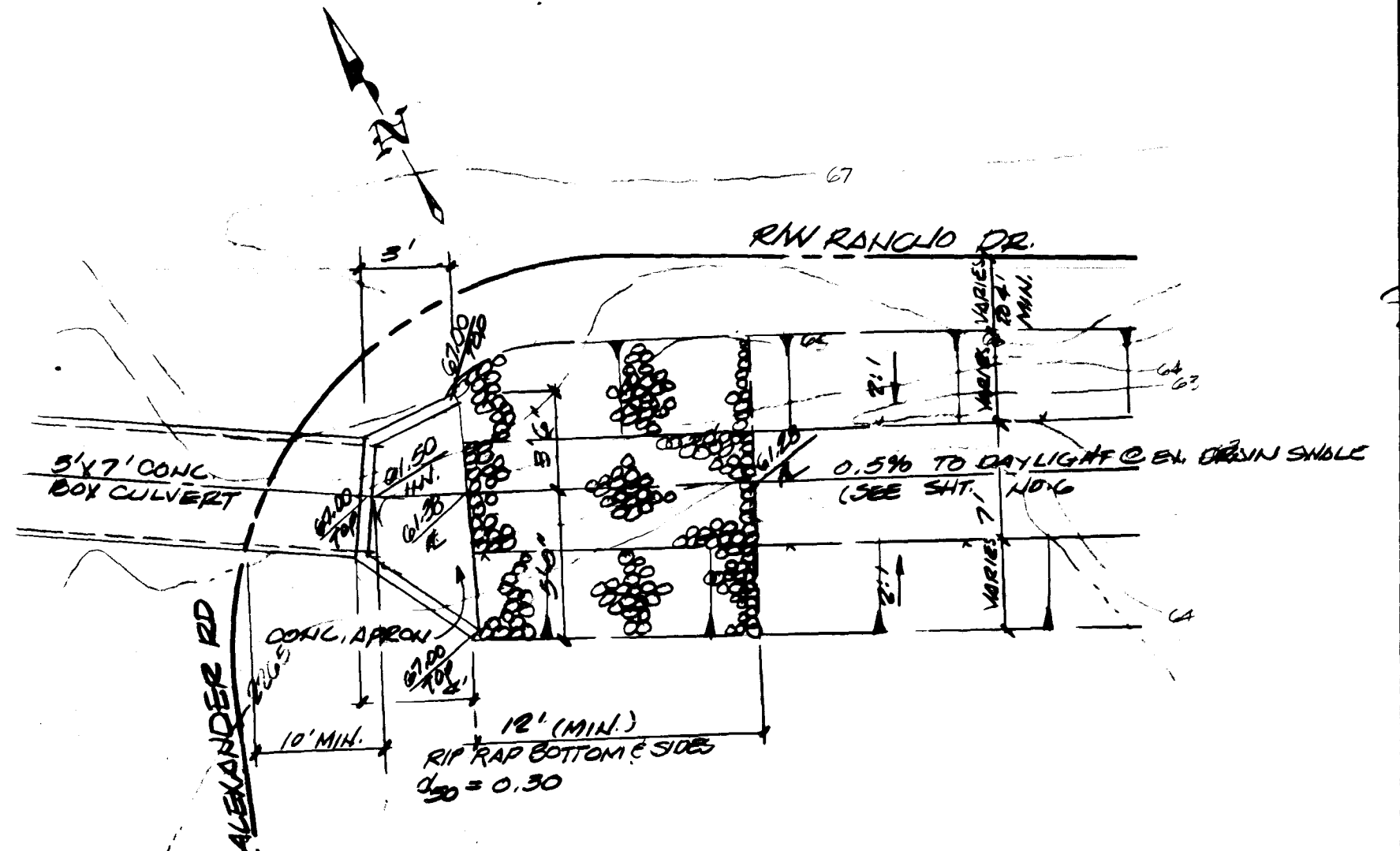


TYPICAL CASING SECTION



DETAIL 'F'
N.T.S.

- NOTE:**
1. STEEL PIPE CASING SHALL BE FABRICATED FROM A MINIMUM OF 1/4" THICK STEEL PLATES, CONFORMING TO THE REQUIREMENTS OF ASTM A283, GRADE B, C, OR D. ALL JOINTS SHALL BE WELDED. INTERIOR JOINTS SHALL BE GROUNDED TO A SMOOTH FINISH. ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C201, "AWWA STANDARD FOR FABRICATED ELECTRICALLY WELDED STEEL WATER PIPE." COATINGS FOR STEEL CASING ARE NOT REQUIRED.
 2. PIPE CASING SHALL BE LAID TRUE TO LINE AND GRADE WITH NO BENDS OR CHANGES IN GRADE FOR THE FULL LENGTH OF THE CASING.
 3. THE PIPE SHALL BE SUPPORTED AT EACH END OF EACH JOINT WITH SPACERS. AFTER INSTALLATION OF THE PIPE, THE CASING SHALL BE SEALED AT BOTH ENDS WITH CASING END SEALS.



DETAIL 'D'
N.T.S.

DRAINAGE CERTIFICATION
I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.
MICHAEL J. CREHAN
11/13/96
DATE

REVISIONS
1. REVISION 11/13/96

Stardage and Truitt Engineering
CIVIL ENGINEERING AND SURVEYING
6855 W. CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89117
PHONE (702) 255-2950

DETAIL SHEET
PROJECT: "RANCHO TOWN AND COUNTRY SHOPPING CENTER"

ENGINEER
MICHAEL J. CREHAN
CIVIL
NO. 10684
8/26/96

DATE
DRAWN BY
JOB NUMBER

SHEET NO.
3 OF 7

107-V2598

