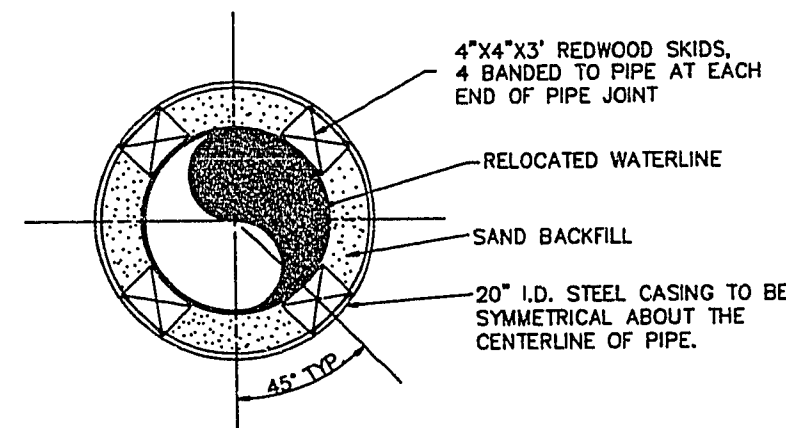
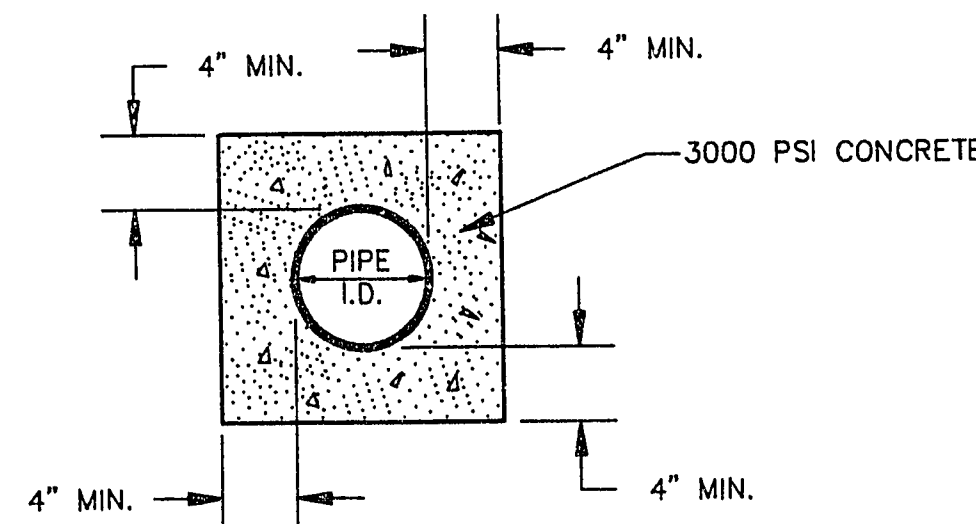


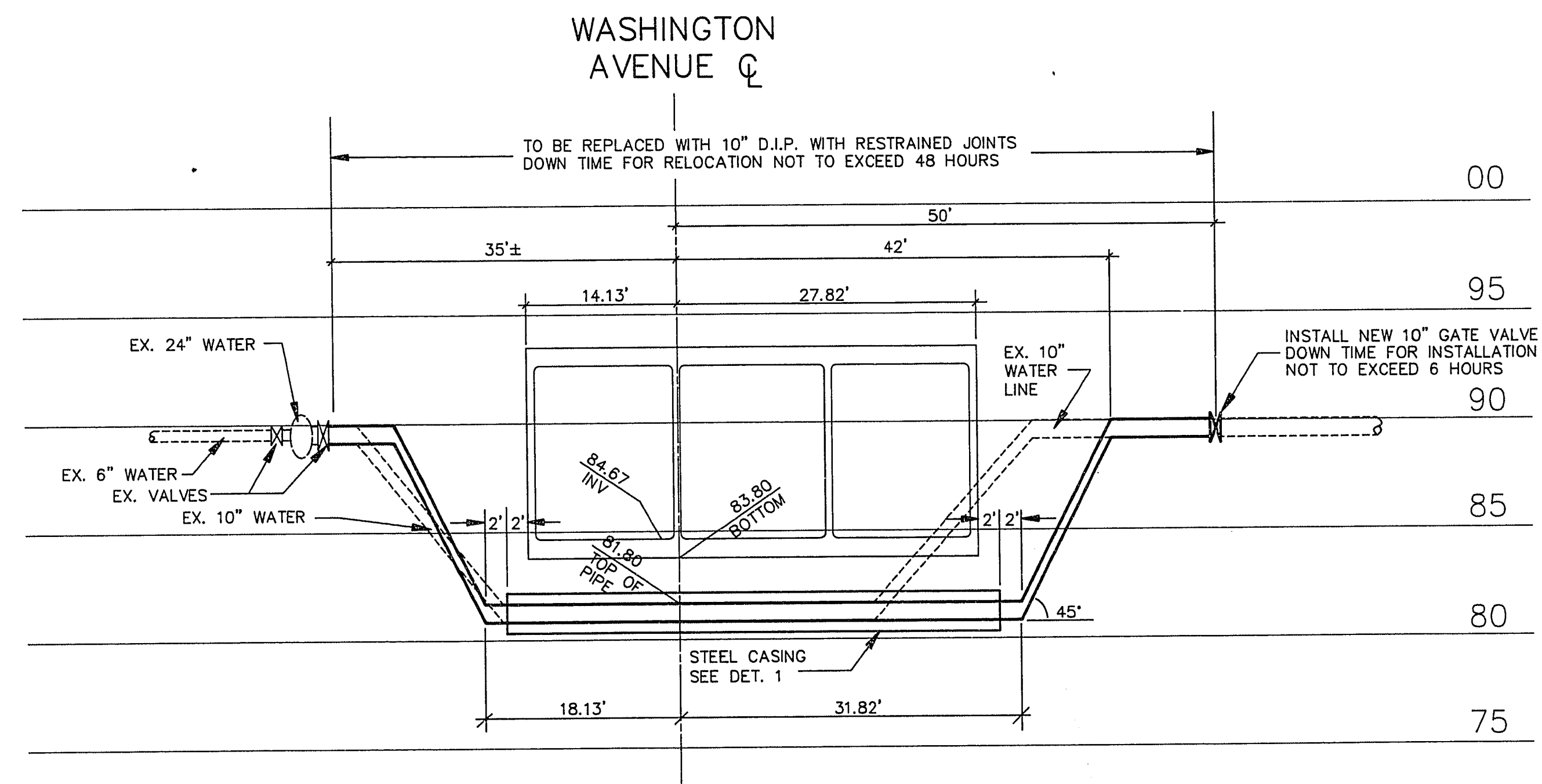
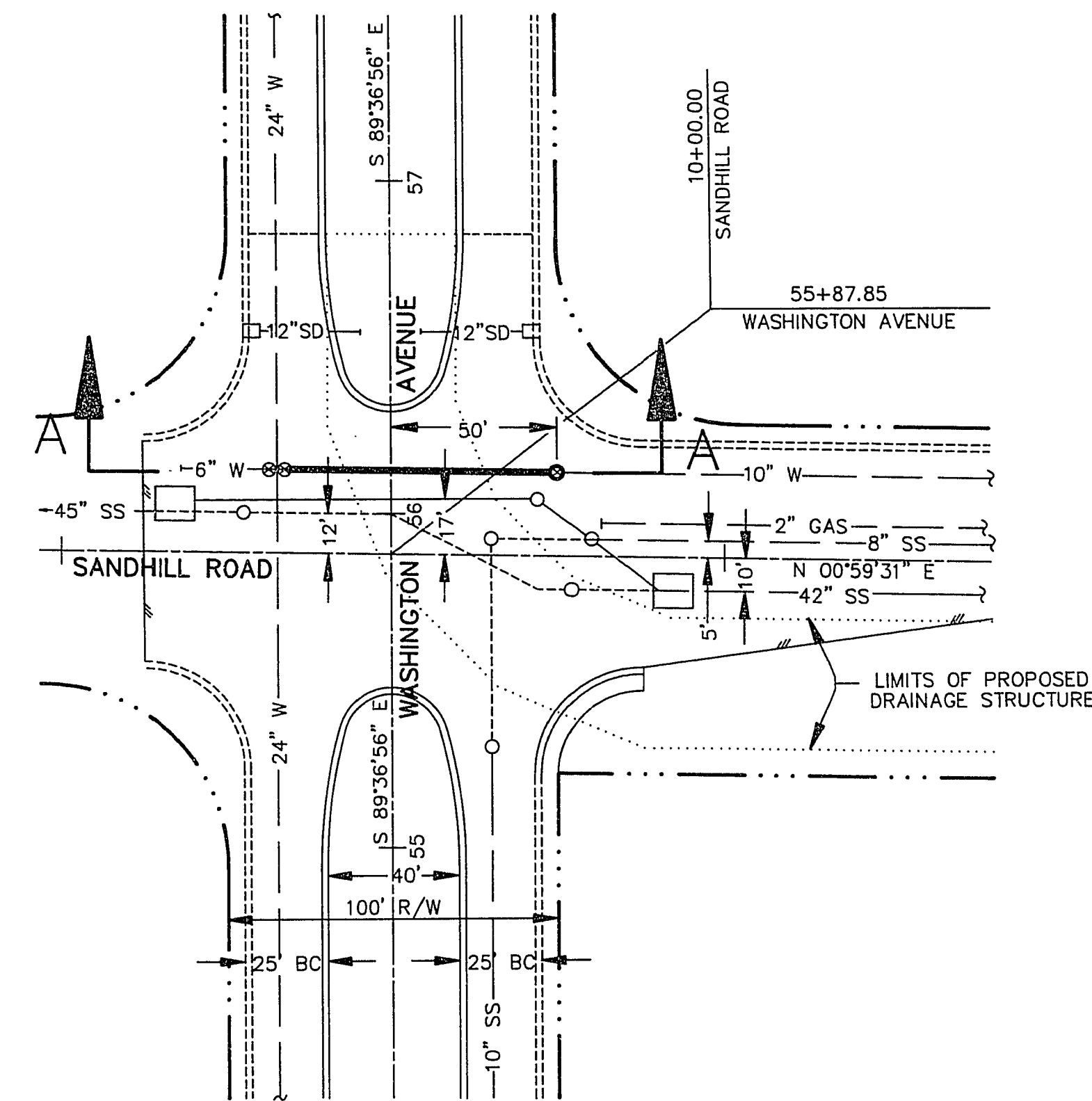


DETAIL 1
TYPICAL CASING SECTION
N.T.S.

- NOTES:
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 THE ENDS OF EACH JOINT WITH SKIDS. THE ANNULAR SPACE BETWEEN THE PIPE AND THE CASING SHALL BE BACKFILLED WITH SAND. AFTER INSTALLATION OF THE PIPE, THE CASING SHALL BE SEALED AT BOTH ENDS WITH MORTARED BRICK OR CEMENT BRICK.



DETAIL 2
TYPICAL CONCRETE ENCASEMENT
N.T.S.



SECTION A-A
WASHINGTON AVE. AT WATERLINE CROSSING
STA. 31+72.28

SCALE: HORIZ: 1"=10'
VERT: 1"=5'

RECORD DRAWING

These Record Drawings have been prepared based on information provided by others. The Engineer has not verified the accuracy of such information and shall not be responsible for any errors or omissions which may be incorporated herein as a result.

1276 JLB 3-05-92
LVWD DATE

REVISIONS	
No.	Date

DESIGNED BY: D. D. D. D.
DRAWN BY: B. B. B. B.
CHECKED BY: L. C. C. C.
JOB NO.: 343-90
SCALE: 1"=40'
HORIZ: 1"=40'
VERT: 1"=40'

1055 EAST TROPICANA
SUITE 200, LAS VEGAS, NEVADA 89119
(702) 798-1007
NEA
CONSULTING ENGINEERS

PROJECT: WASHINGTON AVE. CONVEYANCE SYSTEM
DESCRIPTION: SANDHILL ROAD OUTFALL STRUCTURE
WATER RELOCATION

SHEET
15
15 OF 15