

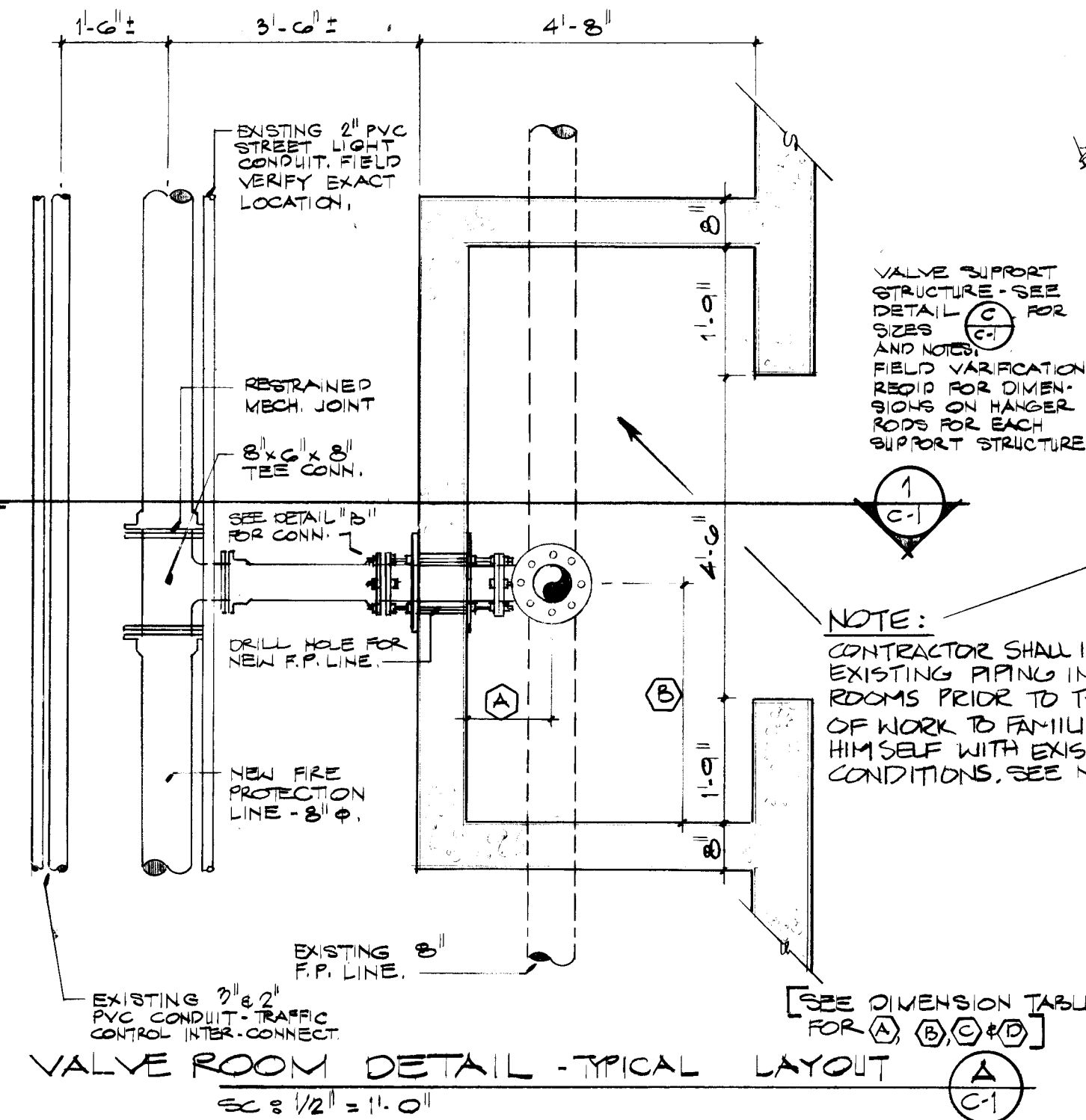
DIMENSION TABLE FOR EXISTING FIRE PROTECTION LINE VALVE ROOMS

ROOM	DIM. 'A'	DIM. 'B'	DIM. 'C'	DIM. 'D'
VALVE RM # 1	1'-2"	3'-2 1/2"	5 1/2"	2'-8"
VALVE RM # 2	1'-1 1/2"	3'-5"	5 1/2"	"
VALVE RM # 3	1'-3"	3'-4"	6"	"
VALVE RM # 4	1'-2"	3'-5"	6"	"
VALVE RM # 5	1'-1 1/2"	3'-2 1/2"	6"	"
VALVE RM # 6	1'-2"	3'-4"	5 3/4"	"
VALVE RM # 7	1'-1"	3'-4 1/2"	5"	2'-8"

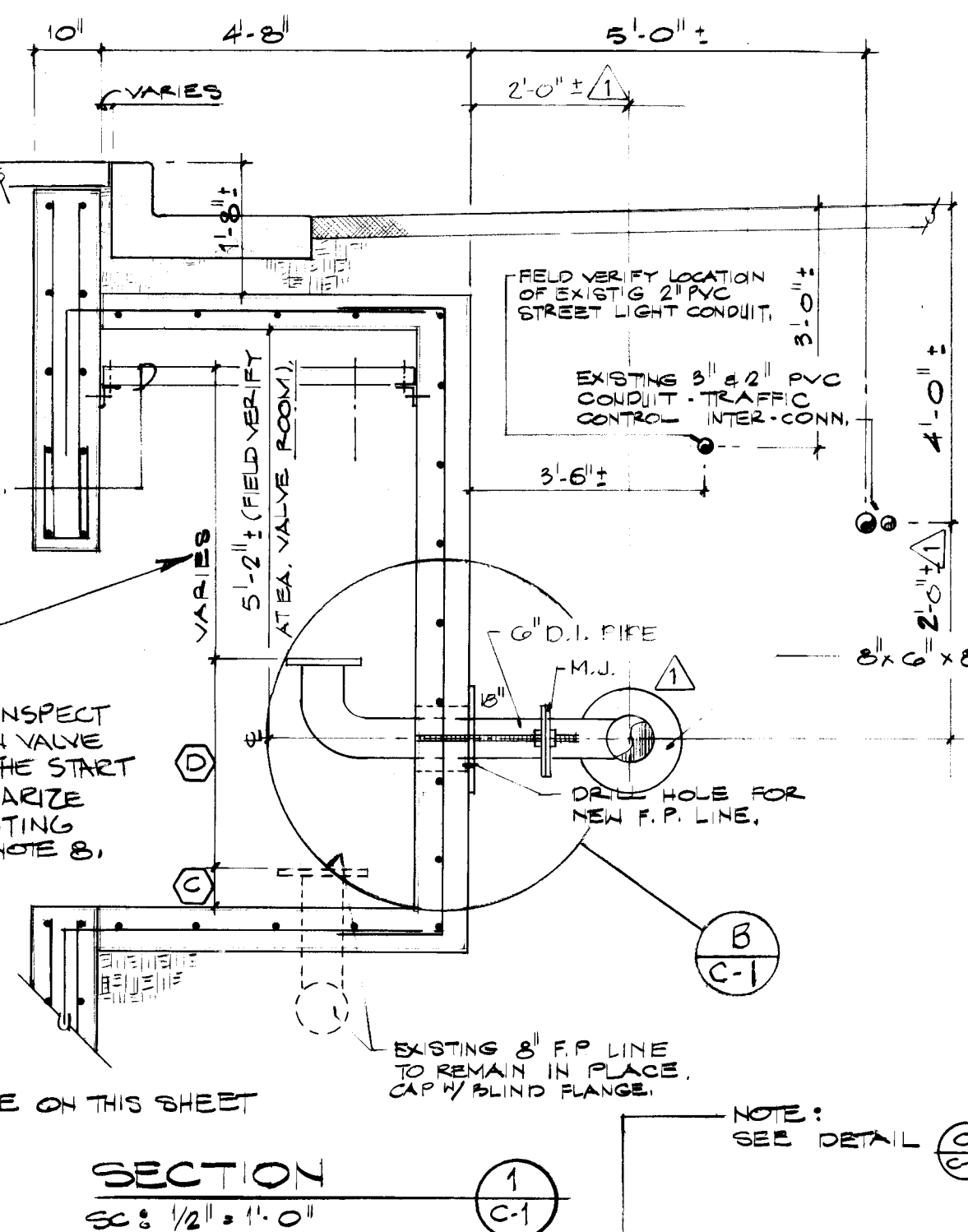
NOTE: 'B' DIMENSIONS TAKEN FROM NORTH WALL OF VALVE ROOM.

GENERAL NOTES

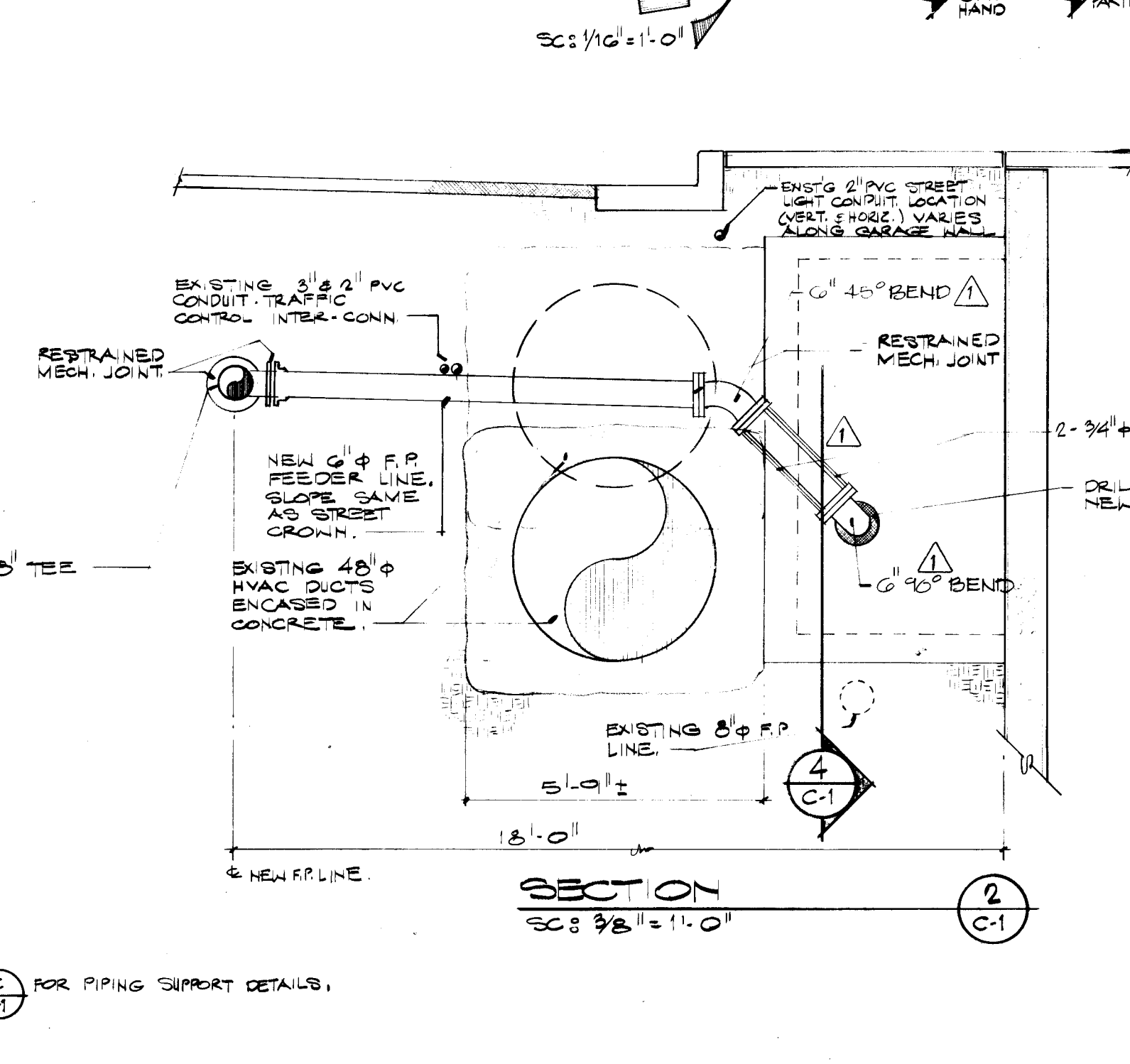
- ALL WORK UNDER THIS CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AS AMENDED BY THE SPECIFICATIONS FOR THE CITY CASH PAYING CONTRACT NO. 80.
- THE CONTRACTOR SHALL SUPPLY AND MAINTAIN BARRICADES, SIGNS, ETC., AS MAY BE REQUIRED FOR THE PROPER EXECUTION OF THE WORK. THE CONTRACTOR SHALL COMPLY WITH THE GENERAL NOTES FOR SIGNING AS SHOWN ON SHEET 10 OF 10 OF THE "ARTERIAL STREET IMPROVEMENTS - THIRD STREET N.W. AT CIVIC PLAZA" PROJECT AND THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES".
- ALL DEBRIS, RUBBER, ETC., SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN AN ENVIRONMENTALLY ACCEPTABLE MANNER SATISFACTORY TO THE CITY.
- IF CONDITIONS ARE ENCOUNTERED WHICH DIFFER FROM THOSE INDICATED ON THIS DRAWING, THE CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
- PRESSURE IN THE EXISTING 8" LINE IS APPROXIMATELY 100 PSI. THE NEW 8" AND 6" LINES SHALL BE TESTED TO 1.5 TIMES THIS PRESSURE FOR NOT LESS THAN 2 HOURS.
- EXISTING PIPING WITHIN THE VALVE ROOMS SHALL BE MODIFIED OR ADJUSTED TO ALLOW THE INSTALLATION OF THE NEW LINE. ALL LINES MODIFIED OR ADJUSTED BY THE CONTRACTOR INCLUDING THE COMPRESSED AIR LINES SHALL BE PROPERLY TESTED BY THE CONTRACTOR PRIOR TO ACCEPTANCE BY THE CITY.
- THE CONTRACTOR SHALL REMOVE AND REPLACE EXISTING PAVING, CONCRETE, ETC., TO MATCH EXISTING OR PLANNED CONSTRUCTION. ALL CONCRETE REMOVAL SHALL BE MADE AT JOINTS OR NEARLY SAWCUT. CURB & GUTTER SHALL BE BROKEN ONLY AT JOINTS OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL RECONNECT ALL LINES DISTURBED BY THE INSTALLATION OF THE NEW F.P. LINE SUCH THAT THE MODIFIED SYSTEMS FUNCTION EXACTLY AS THE ORIGINAL SYSTEMS.



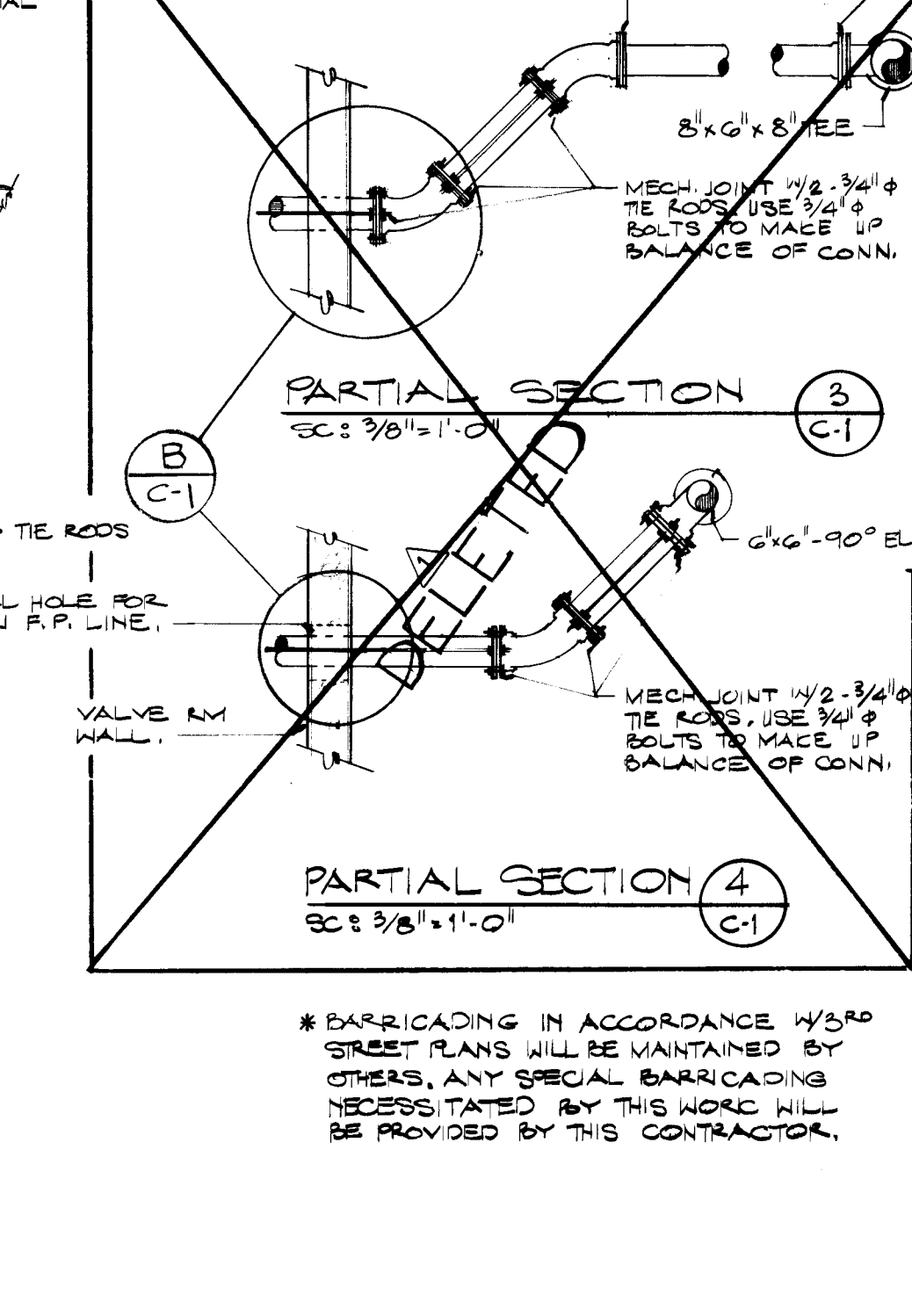
VALVE ROOM DETAIL - TYPICAL LAYOUT
SC: 1/2" = 1'-0"



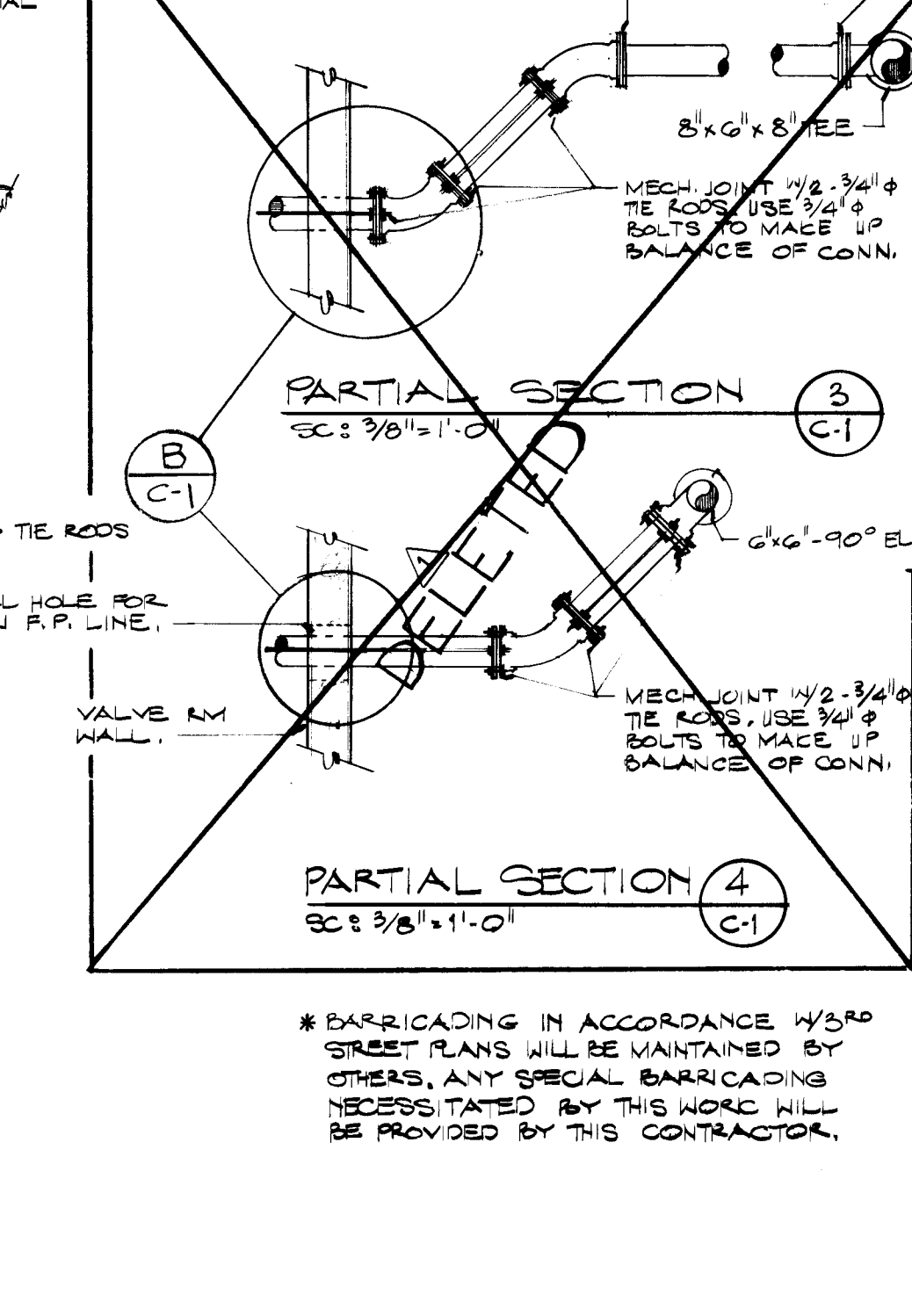
SECTION 1
SC: 1/2" = 1'-0"
TYP. ROOMS 4, 5, 6 & 7



SECTION 2
SC: 3/8" = 1'-0"



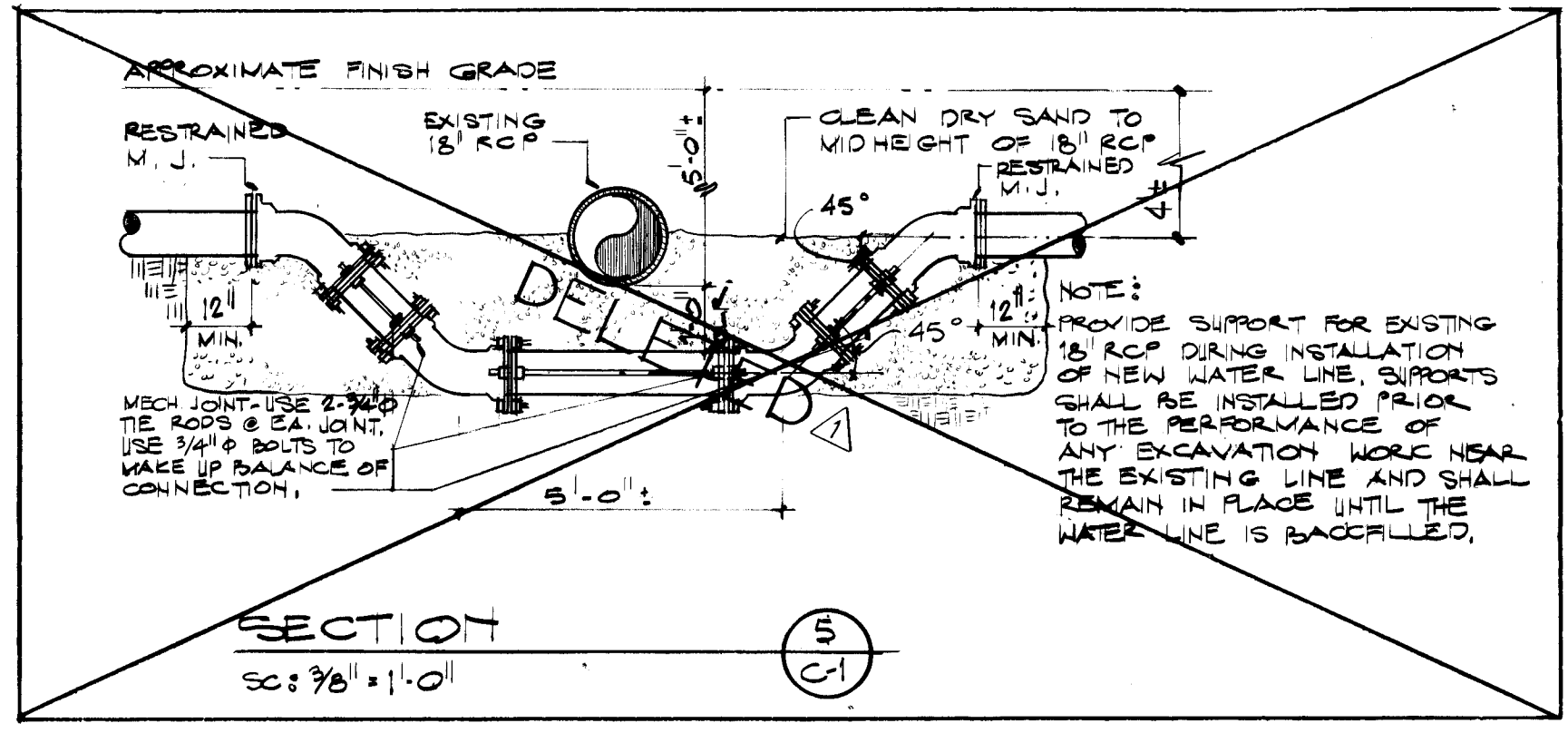
PARTIAL SECTION 3
SC: 3/8" = 1'-0"



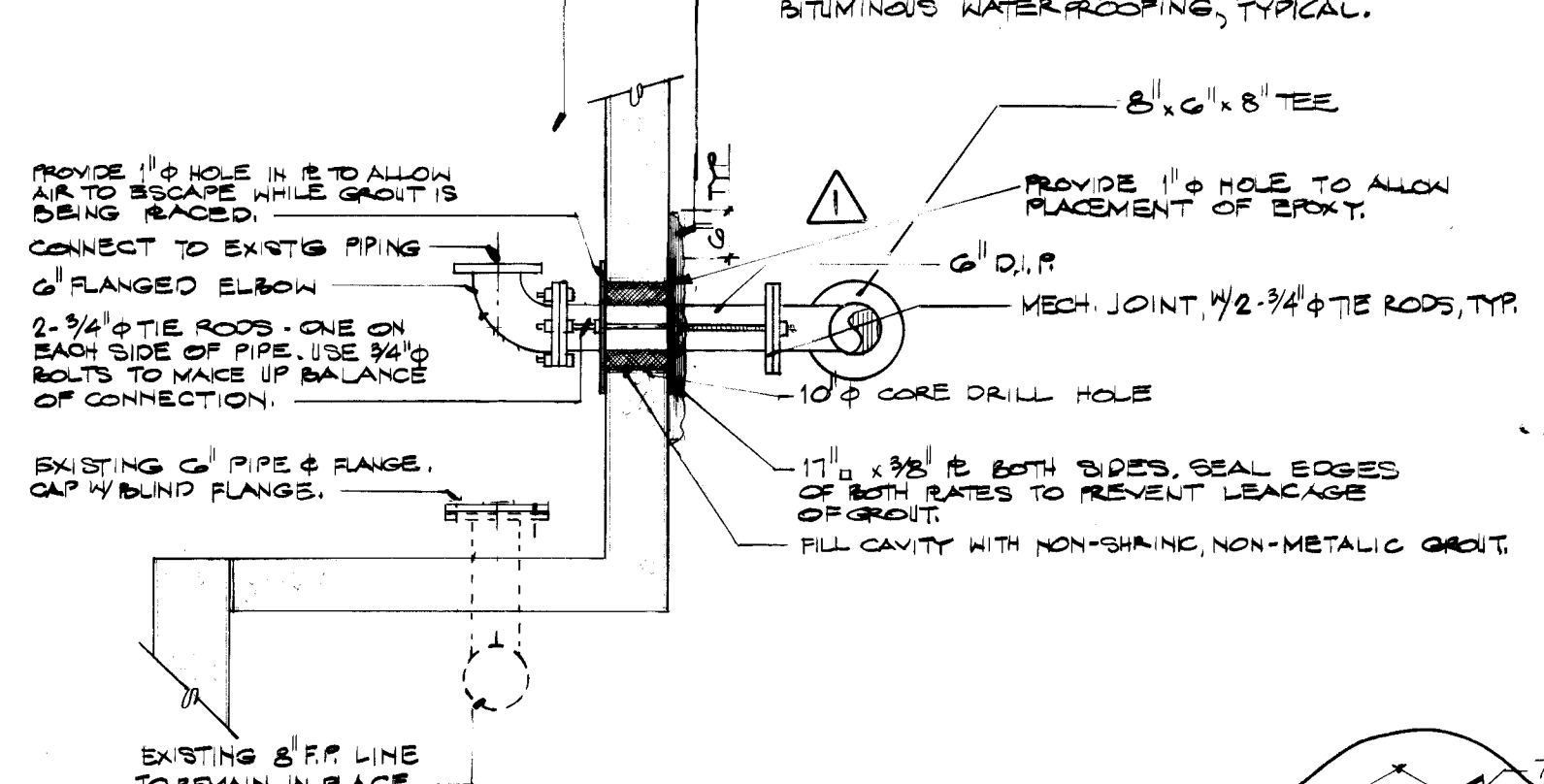
PARTIAL SECTION 4
SC: 3/8" = 1'-0"

SPECIFICATIONS FOR NEW FIRE PROTECTION LINE:

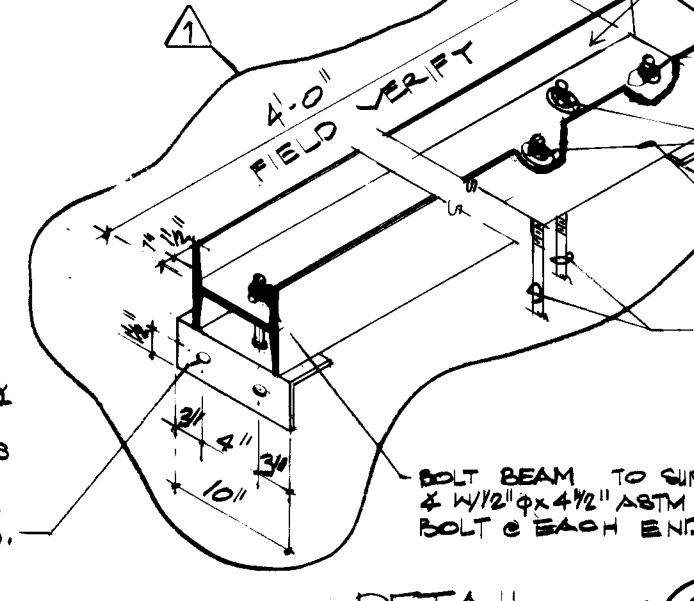
- PIPE: PIPE SHALL BE DUCTILE IRON CLASS B1 MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD SPECIFICATION C151.
- FITTINGS: FITTINGS SHALL BE DUCTILE IRON OF THE FLANGED AND MECHANICAL JOINT TYPE AND CONFORM TO AWWA STANDARD SPECIFICATION C110. ALL FITTINGS SHALL BE OF 250 P.S.I. PRESSURE RATING.
- JOINTS: JOINTS SHALL BE CLASS 125 WITH FULL FACE GASKETS AND 3/4" BOLTS (ANSI SPEC. B16.1). ALL MECHANICAL JOINTS SHALL BE RESTRAINED UNLESS SHOWN OTHERWISE. RESTRAINED JOINTS SHALL BE ACCOMPLISHED BY USE OF RETAINING GANDS AS MANUFACTURED BY CLOW, N.E. 1058 OR APPROVED EQUAL. G OR B SIZE AS REQUIRED. INSTALL PER THE APPROVED MANUFACTURER'S RECOMMENDATIONS.
- LINING: DUCTILE IRON PIPE AND FITTINGS SHALL BE FURNISHED WITH STANDARD THICKNESS CONVENT. MORTAR AND BITUMINOUS SEAL LINING IN ACCORDANCE W/ AWWA SPEC. NO. C104.
- THICKNESS: WALL THICKNESS OF DUCTILE IRON PIPE SHALL BE CLASS B1 IN ACCORDANCE WITH AWWA SPECIFICATION C150 FOR TRENCH CONDITION "B". WORKING PRESSURE SHALL BE 250 P.S.I.
- MEASUREMENT: MEASUREMENT AND PAYMENT WILL BE ESTABLISHED BY THE WORK ORDER PAY ITEMS.



SECTION 5
SC: 3/8" = 1'-0"



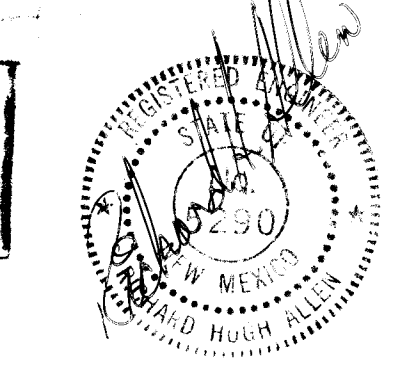
DETAIL B
SC: 1/2" = 1'-0"



DETAIL C
SC: 1" = 1'-0"

20 12920182

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER - FIELD
DATE 9-25-82



PROJECT TITLE:
FIRE PROTECTION LINE RELOCATION
THIRD STREET @ CIVIC PLAZA

SHEET TITLE:
NEW FIRE PROTECTION LINE LOCATION
TYPICAL DETAILS
EXISTING UTILITIES LOCATIONS
EMERGENCY N.O. #1292

AS BUILT 7/9/82

DESIGN PROFESSIONALS, INC.
4105 CARLELE BLVD. NE, ALBUQUERQUE, NM 87111
(505) 881-8336

ARCHITECTS/ENGINEERS

Drawn by: MML Proj. No. 8135
Checked by: RHA Date: 7/23/81

C-1
SHEET 1 OF 1