



**June 19, 2025
ADDENDUM NO. 2**

**SAMUELL FARMS PARKS/SCYENE SEWER MAIN REPAIR/REHABILITATION
CITY OF MESQUITE CONTRACT NO. 2025-073**

Part A – Questions & Responses:

1. What is the engineer's estimate for this project? **The Engineer's opinion of probable construction costs (OPCC) is \$4.54 million.**
2. Will the City consider flexible hose for bypass pumping? **Refer to Specification Section 01 57 40 Temporary Pumping Systems, 2.02.A. for requirements for temporary pipe for bypass pumping.**
3. Can the required flow of the bypass pumping system of Site 1 be lowered to peak dry weather flows? **The bypass pumping system for Site 1 shall be designed to handle expected average dry weather flows included in Specification Section 01 57 40 Temporary Pumping Systems, 1.04.D and 1.04.E and peak flows of 3 times the expected dry weather flows. Refer to Specification Section 33 01 30.72 Cured-In-Place Pipe Lining, 3.01.F. for scheduling requirements for bypass pumping operations.**
4. Can you confirm the required pressure test of the piping. There are several different requirements at the current time.
 - a. This would be the common requirement.
 - b. All discharge piping, joints, and accessories shall be able to withstand at least twice the maximum system pressure or a minimum of 50 PSI, whichever is greater for 1 hour.

Refer to Specification Section 01 57 40 Temporary Pumping Systems, 3.04.C. and 3.05.A. for requirements for pressure test of the piping.

5. Can the City provide the as-builts for the existing sewer lines? **As-built drawings can be downloaded from the following link:**

<https://ftp.hazenandsawyer.com/?ShareToken=DE2DB2937528EA352159106D7D0532E78A61FCFE>

6. Can the City provide videos of the existing sewer lines? **The videos for the existing lines can be downloaded from the following link:**

7. Will vinyl resin be required for the aerial crossing? **Yes. Refer to Note #9 on C004, “Refer to Specification Section 33 01 30.72 for CIPP Rehabilitation. Contractor to utilize Vinyl Ester resin for CIPP from SM2406 to existing found sewer MH.”**
8. Would the City consider EnviroCure UV CIPP an acceptable UV CIPP Liner for this project? **Refer to Specification Section 33 01 30.72 CIPP Lining, 2.01.O. for CIPP material and 33 01 30.72 CIPP Lining, 3.04.B. for curing method. Contractor can submit alternate CIPP material and curing method that meet the performance requirements in Specification Section 33 01 30.72 CIPP Lining, to the City and Engineer for approval, after the project is awarded.**
9. Would the City consider the use of United VY GRP CIPP Liner for this project? **Refer to Specification Section 33 01 30.72 CIPP Lining, 2.01.O. for CIPP material and 33 01 30.72 CIPP Lining, 3.04.B. for curing method. Contractor can submit alternate CIPP material and curing method that meet the performance requirements in Specification Section 33 01 30.72 CIPP Lining, to the City and Engineer for approval, after the project is awarded.**
10. Would the City consider Quadex Structure Guard an approved epoxy coating for manhole rehabilitation per section 33 01 30.82 part 2.02,C? **Refer to Specification Section 33 01 30.82 Polymeric Rehabilitation of Buried Concrete Structures, 2.02.C. for polymer liner product. Contractor can submit alternate polymer liner material for manhole rehabilitation that meet the performance requirements in Specification Section 33 01 30.82 Polymeric Rehabilitation of Buried Concrete Structures, to the City and Engineer for approval, after the project is awarded.**
11. The specification states “The CONTRACTOR will be required to reimburse the OWNER or tis designated representative for the cost of all inspection overtime which may be necessary for the successful and expeditious prosecution of the work included in this contract. Inspector’s normal working hours are 7:30 a.m. to 11:30 a.m. and 12:30 p.m. to 4:30 p.m., Monday through Friday with the exclusion of Holidays. The CONTRACTOR will reimburse the OWNER for all Inspection overtime outside the Inspector’s normal working hours.” Will the payment of inspector overtime hours by the contractor be enforced? **Yes.**
12. What are the inspector’s Overtime Hourly Rates with Fringe including any and all additional rates paid to the inspector by the City? **Overtime Hourly Rate is 1.5 times the inspector’s hourly rate (varies for each inspector).**
13. The current CIPP designs specify that all pipes should be designed for live load using AASHTO H-20 for truck loads. Does a railroad load need to be designed for the segments going under the RR from the New Box to the Box 6183 or are the host pipes running under the railroad already encased? **Existing pipes under the RR from the New Box to the Box 6183 do not need to be designed for live load.**

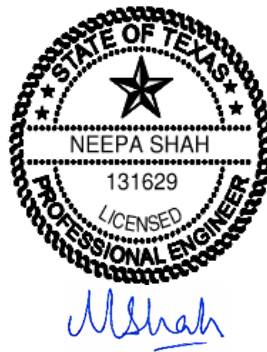
14. The Sensitive Area Crossing spec section 01 57 46 references only timber matting. Will composite mats such as mega deck type mats be allowed on this project as well? **Yes.**

Part B – Drawing Revisions:

At the end of the Bid Plans, add the Record Drawings (included in Attachment A of this Addendum):
AS-BUILT - EXISTING JUNCTION BOXES AT SM 6183 & 6186 PLANS AND SECTIONS
EXISTING CONCRETE CULVERT PLAN AND SECTION

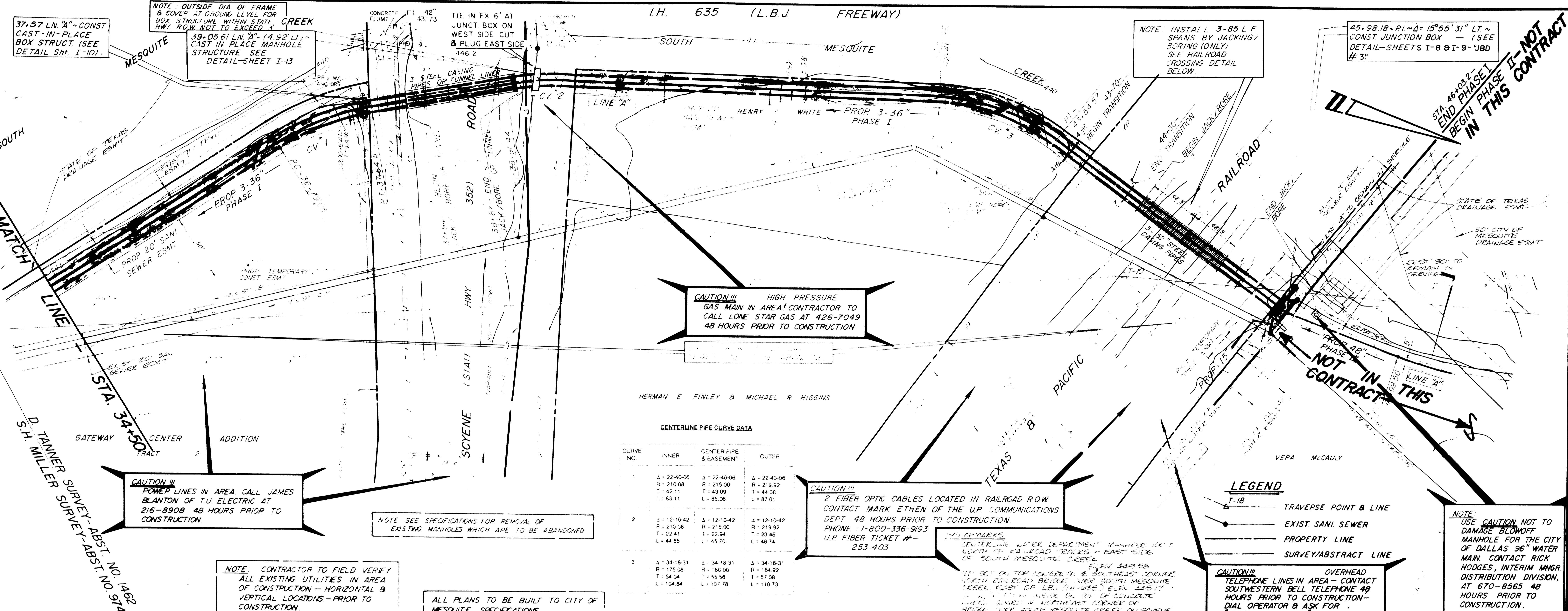
This Addendum will be included in and made a part of the Specifications and Contract Documents. At the time of bid submission, bidders shall acknowledge receipt of this Addendum No. 2 within the appropriate location of the Contract Bid Form.

Neepa Shah, PE
June 19, 2025
Hazen and Sawyer
TBPELS FIRM REG. NO. F- 13618



ATTACHMENT A

I.H. 635 (L.B.J. FREEWAY)



CAUTION!!! HIGH PRESSURE GAS MAIN IN AREA! CONTRACTOR TO CALL LONE STAR GAS AT 426-7049 48 HOURS PRIOR TO CONSTRUCTION

CAUTION!!! 2 FIBER OPTIC CABLES LOCATED IN RAILROAD R.O.W. CONTACT MARK ETHEN OF THE U.P. COMMUNICATIONS DEPT 48 HOURS PRIOR TO CONSTRUCTION. PHONE 1-800-336-9193 U.P. FIBER TICKET # - 253-403

CAUTION!!! OVERHEAD TELEPHONE LINES IN AREA - CONTACT SOUTHWESTERN BELL TELEPHONE 48 HOURS PRIOR TO CONSTRUCTION - DIAL OPERATOR & ASK FOR 'ENTERPRISE 9800'

NOTE: USE CAUTION NOT TO DAMAGE BLOWOFF MANHOLE FOR THE CITY OF DALLAS 96" WATER MAIN. CONTACT RICK HODGES, INTERIM MNGR. DISTRIBUTION DIVISION, AT 670-8565 48 HOURS PRIOR TO CONSTRUCTION.

CENTERLINE PIPE CURVE DATA

CURVE NO.	INNER	CENTER PIPE & EASEMENT	OUTER
1	Δ: 22-40-06 R: 210.08 T: 42.11 L: 83.11	Δ: 22-40-06 R: 215.00 T: 43.09 L: 85.06	Δ: 22-40-06 R: 219.92 T: 44.08 L: 87.01
2	Δ: 12-10-42 R: 210.38 T: 22.41 L: 44.85	Δ: 12-10-42 R: 215.00 T: 22.94 L: 45.70	Δ: 12-10-42 R: 219.92 T: 23.46 L: 46.74
3	Δ: 34-18-31 R: 175.08 T: 54.04 L: 104.84	Δ: 34-18-31 R: 180.00 T: 55.56 L: 107.78	Δ: 34-18-31 R: 184.92 T: 57.08 L: 110.73

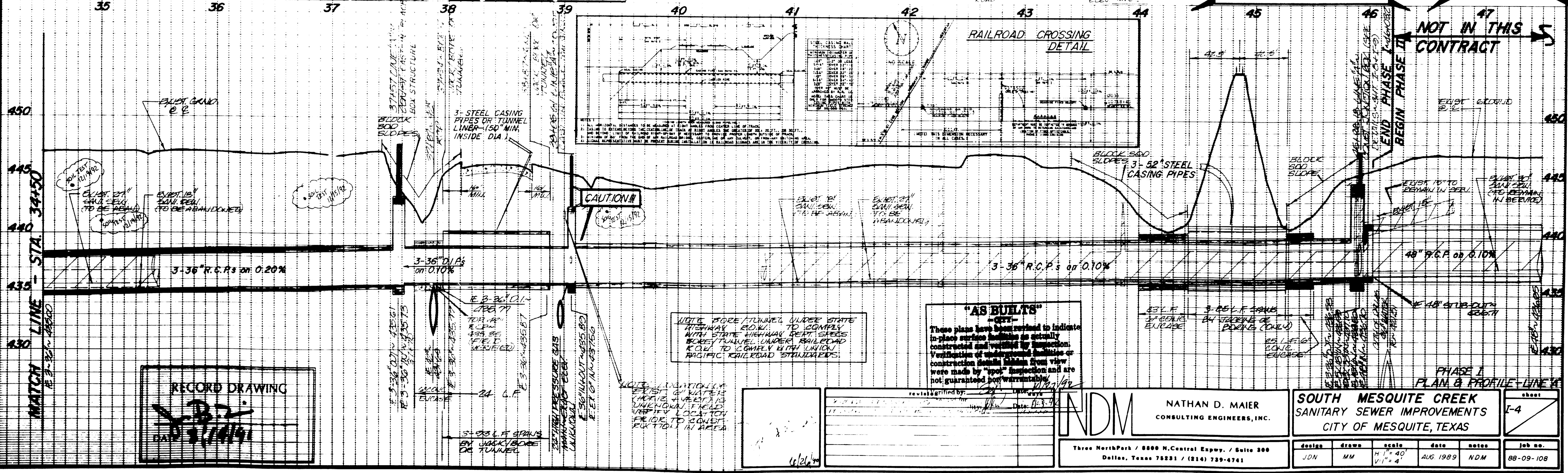
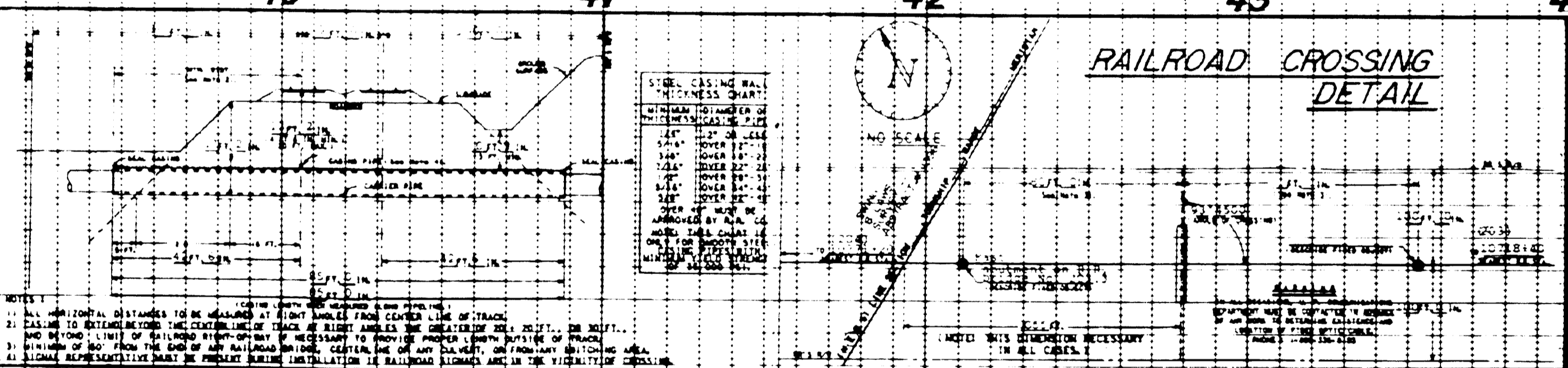
CAUTION!!! POWER LINES IN AREA CALL JAMES BLANTON OF T.U. ELECTRIC AT 216-8908 48 HOURS PRIOR TO CONSTRUCTION

NOTE: SEE SPECIFICATIONS FOR REMOVAL OF EXISTING MANHOLES WHICH ARE TO BE ABANDONED

NOTE: CONTRACTOR TO FIELD VERIFY ALL EXISTING UTILITIES IN AREA OF CONSTRUCTION - HORIZONTAL & VERTICAL LOCATIONS - PRIOR TO CONSTRUCTION

ALL PLANS TO BE BUILT TO CITY OF MESQUITE SPECIFICATIONS

LEGEND
 T-18 TRVERSE POINT & LINE
 --- EXIST SANI. SEWER
 --- PROPERTY LINE
 --- SURVEY/ABSTRACT LINE

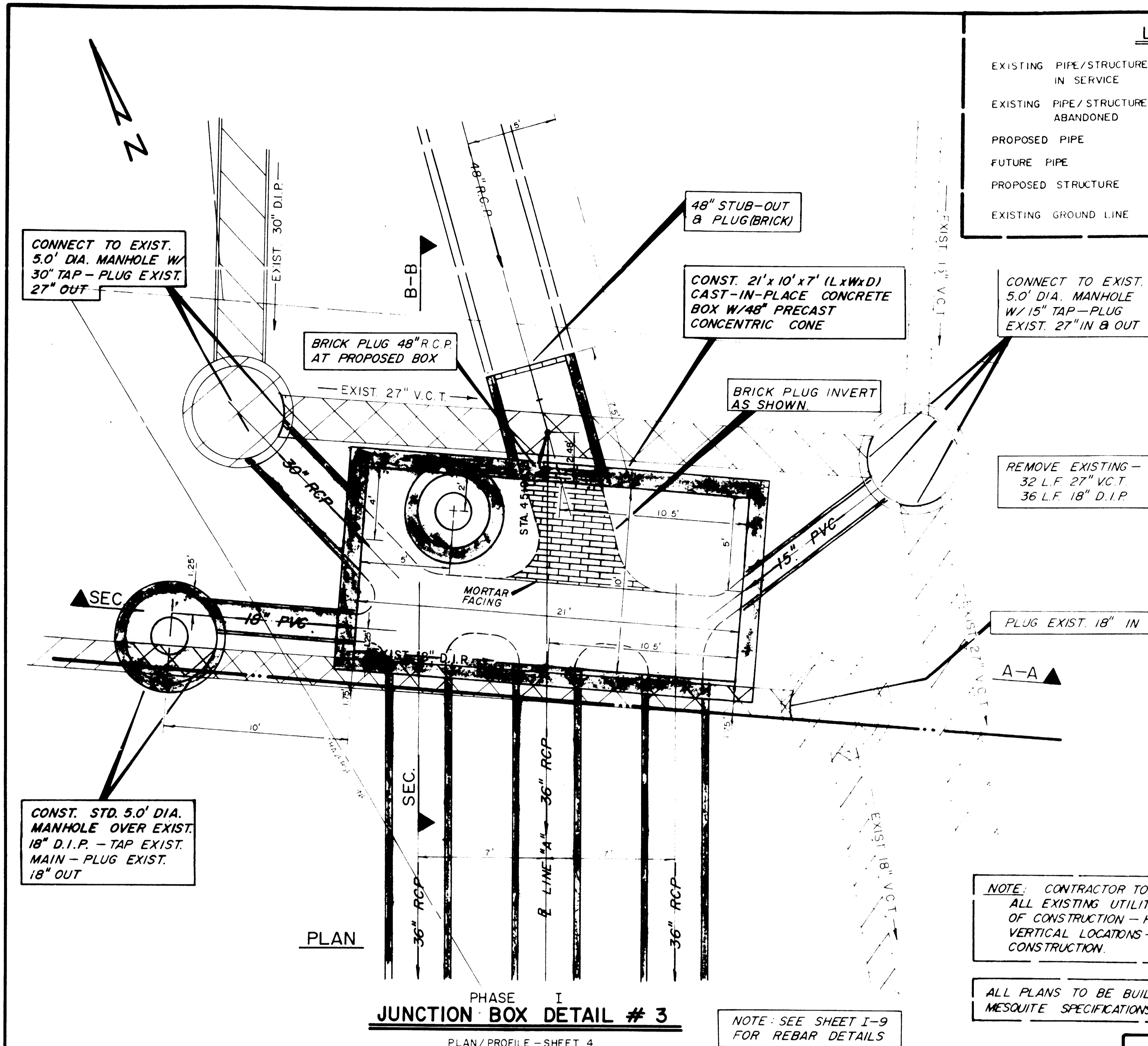


NOTE: BORE/TUNNEL UNDER STATE HIGHWAY R.O.W. TO COMPLY WITH STATE HIGHWAY DEPT. SPECS. BORE/TUNNEL UNDER RAILROAD R.O.W. TO COMPLY WITH UNION PACIFIC RAILROAD STANDARDS.

"AS BUILTS"
 -GSE-
 These plans have been refined to indicate in-place surface conditions as actually constructed and verified by inspection. Verification of conditions shown on this drawing were made by "spot" inspection and are not guaranteed nor warranted.

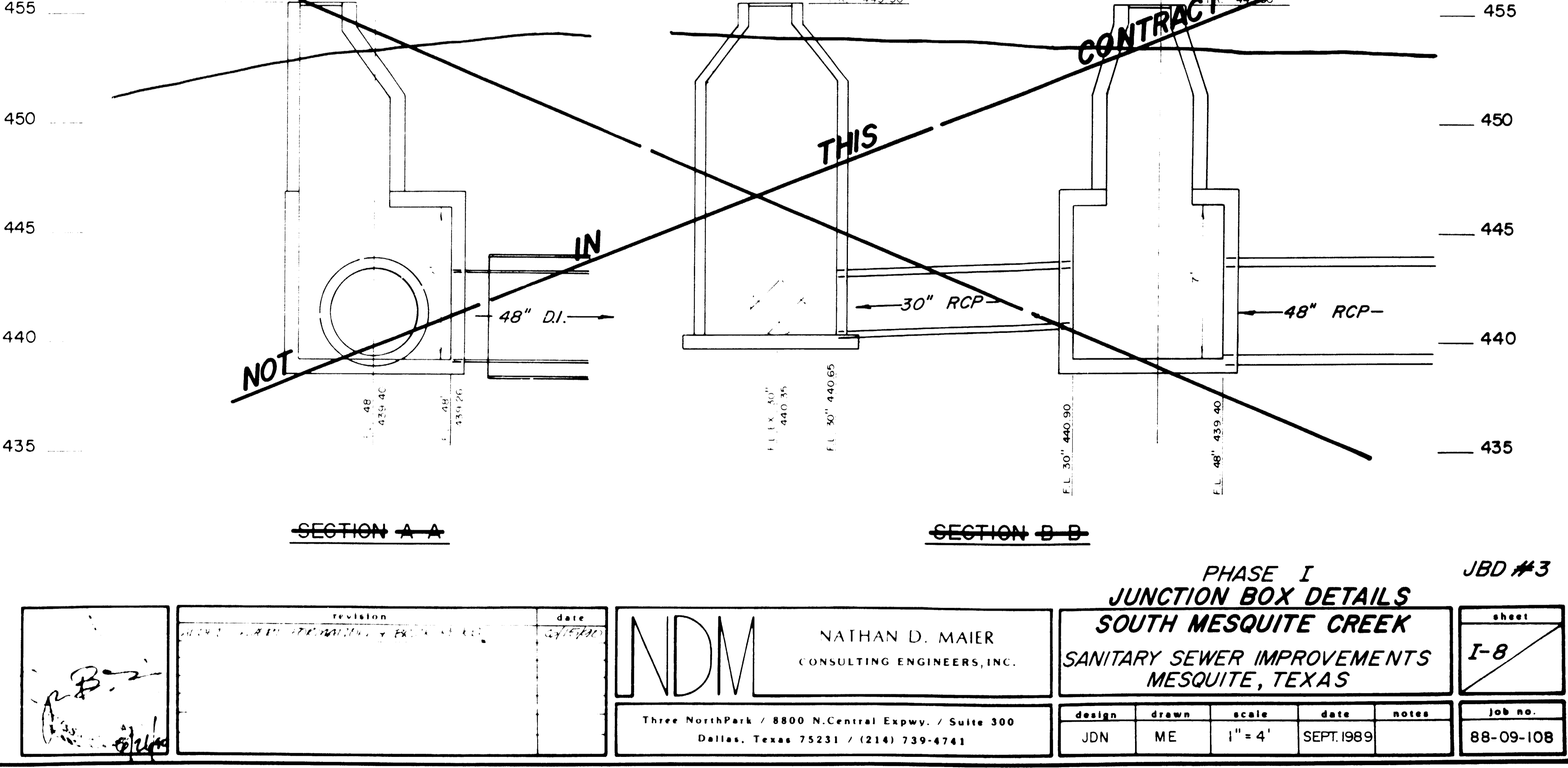
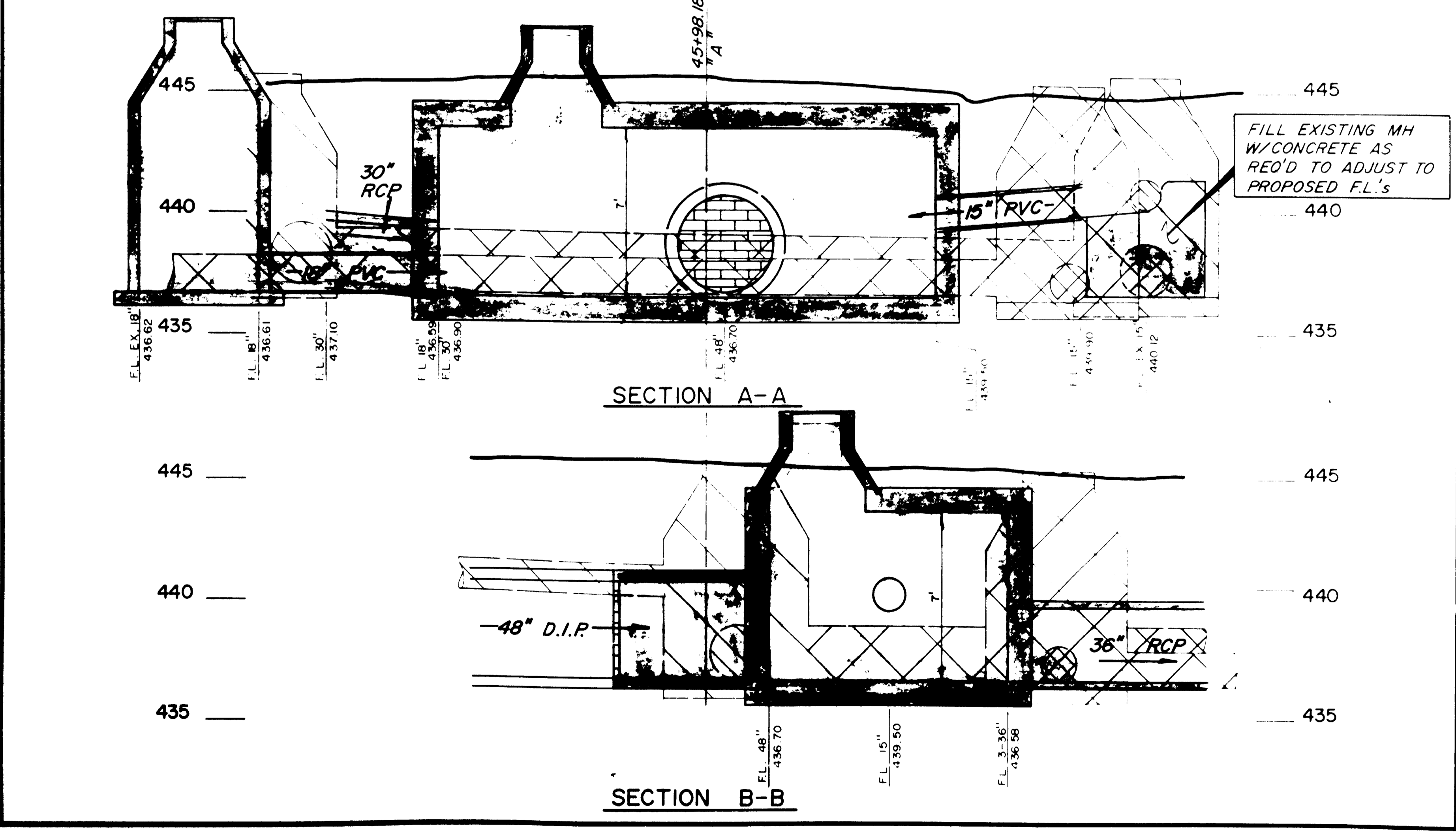
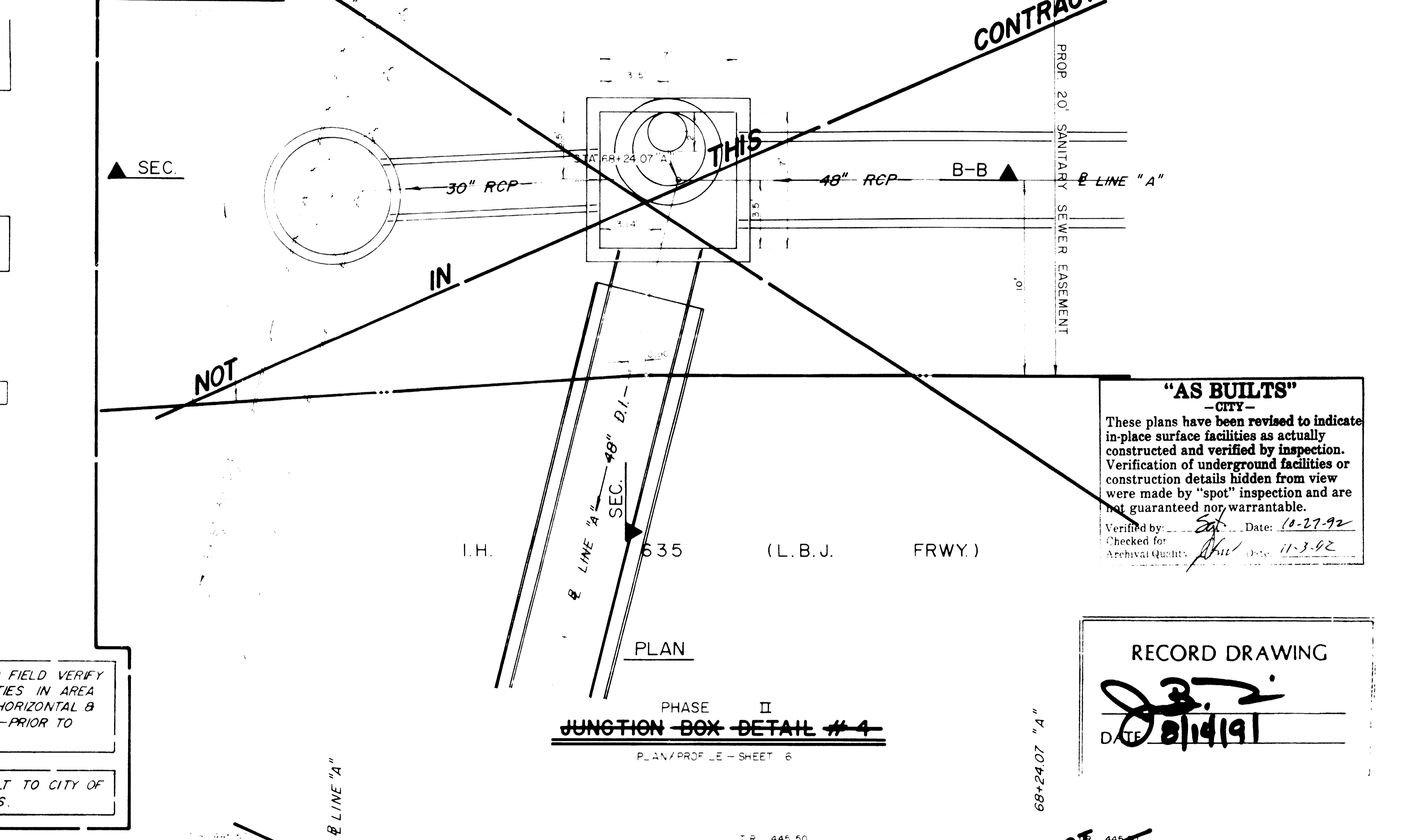
	NATHAN D. MAIER CONSULTING ENGINEERS, INC.		SOUTH MESQUITE CREEK SANITARY SEWER IMPROVEMENTS CITY OF MESQUITE, TEXAS		sheet I-4
	design JDN	drawn MM	scale H: 1" = 40' V: 1" = 4'	date AUG 1989	

Three NorthPark / 8800 N. Central Expwy. / Suite 300
 Dallas, Texas 75231 / (214) 739-4741



LEGEND

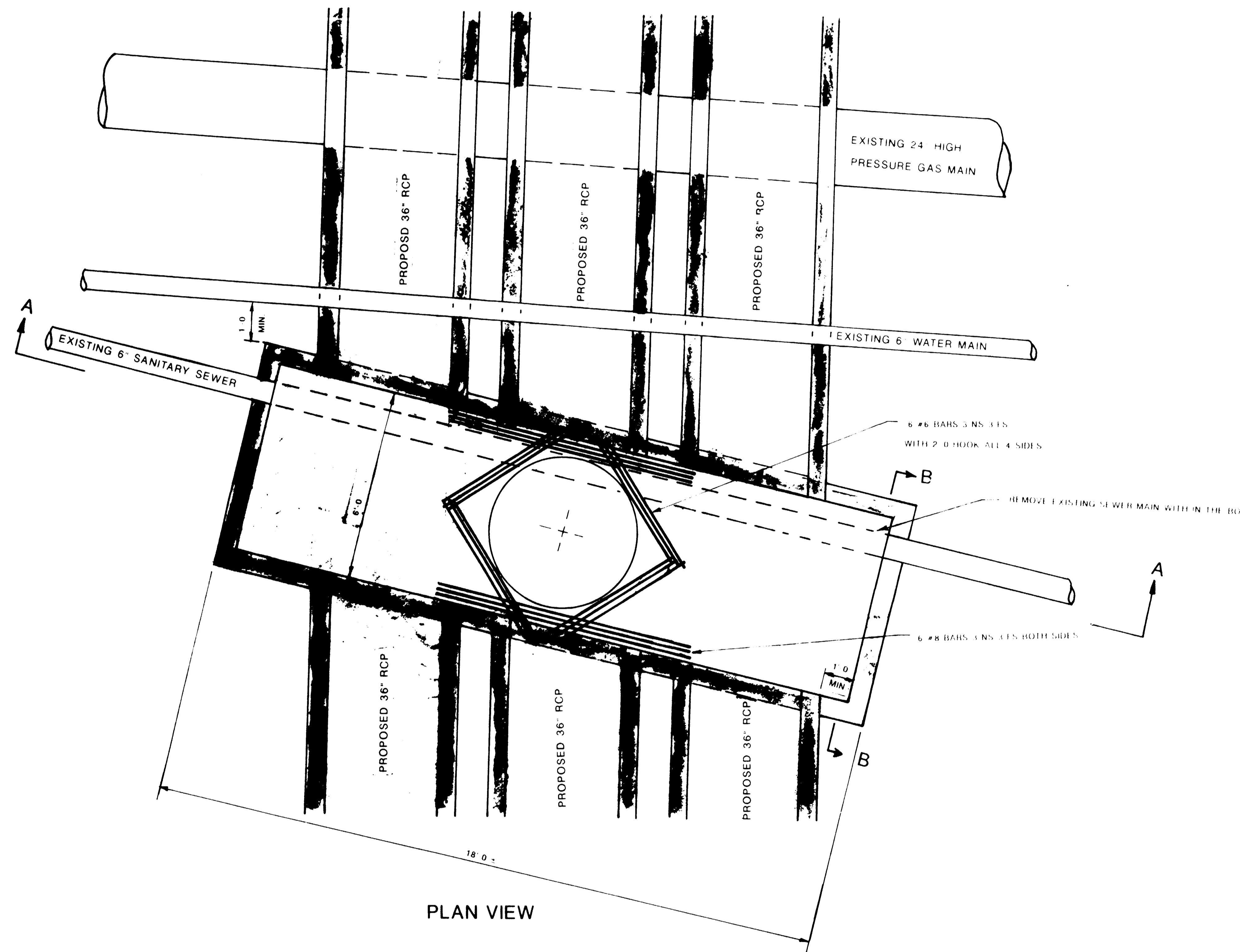
EXISTING PIPE/STRUCTURE TO REMAIN IN SERVICE	
EXISTING PIPE/STRUCTURE TO BE ABANDONED	
PROPOSED PIPE	
FUTURE PIPE	
PROPOSED STRUCTURE	
EXISTING GROUND LINE	



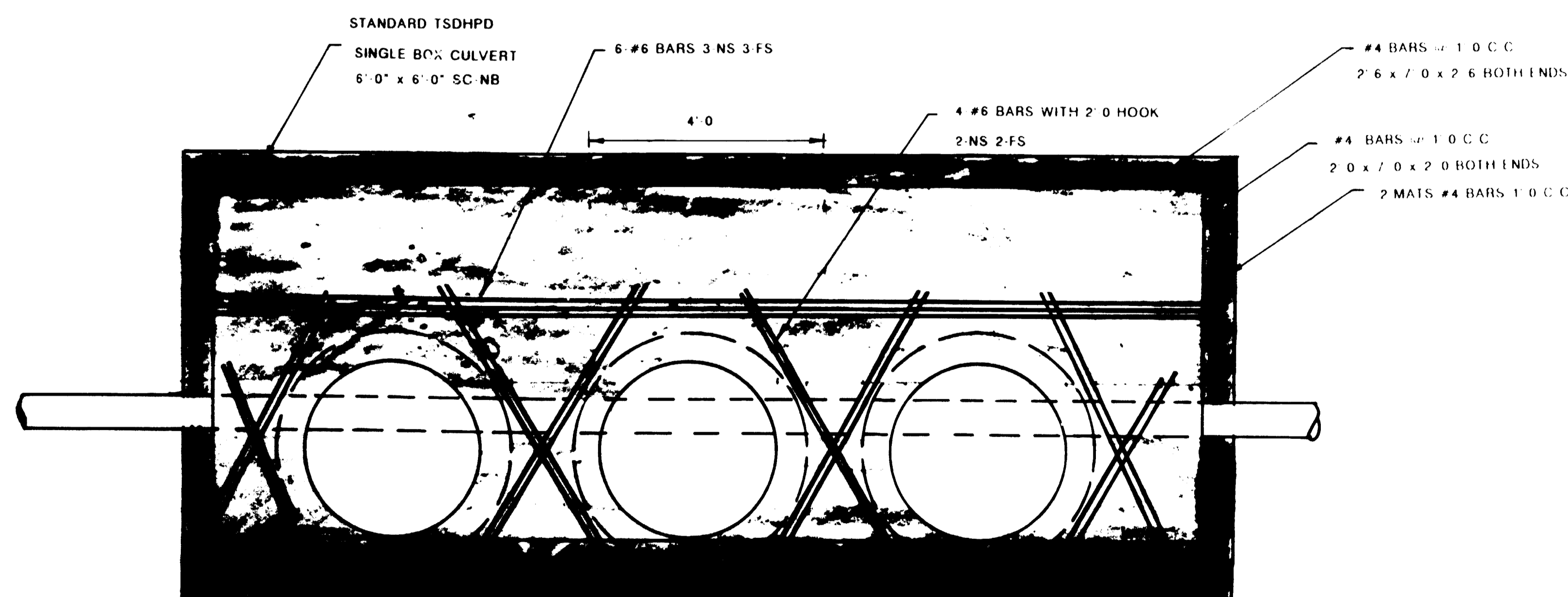
PHASE I JUNCTION BOX DETAILS SOUTH MESQUITE CREEK SANITARY SEWER IMPROVEMENTS MESQUITE, TEXAS		JBD #3 sheet I-8			
design JDN	drawn ME	scale 1" = 4'	date SEPT. 1989	notes	job no. 88-09-108

581-1084

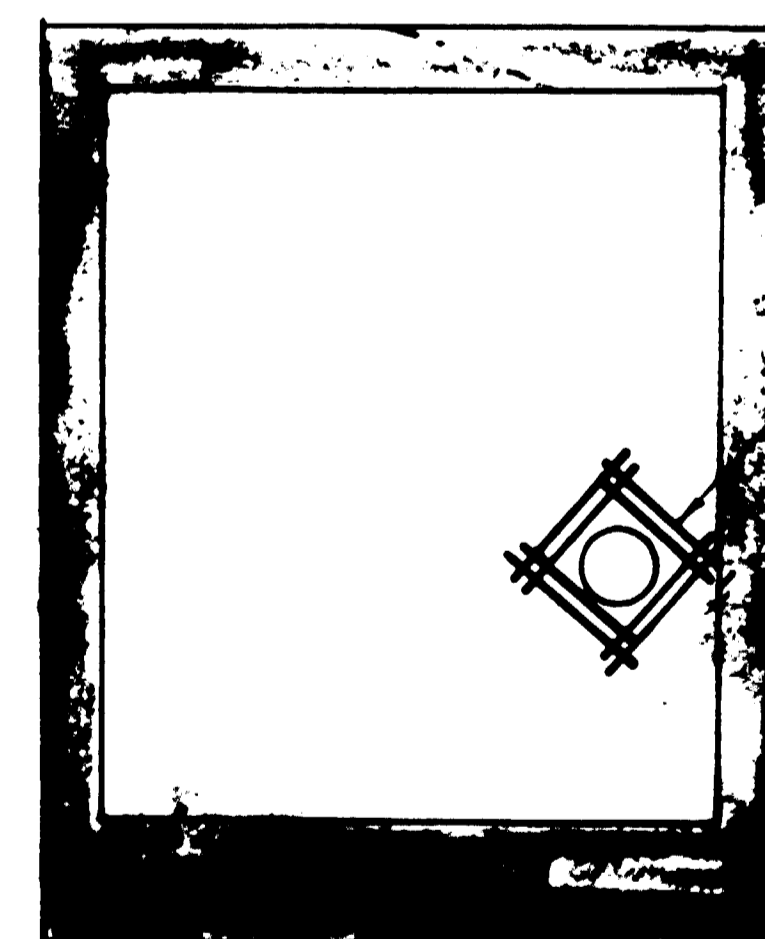
NOTE: REINFORCING STEEL SHOWN AT PIPE OPENINGS IS IN ADDITION TO REINFORCING STEEL REQUIRED FOR STANDARD BOX CULVERT



PLAN VIEW



SECTION "A"-"A"



SECTION "B"-"B"

RECORD DRAWING
J. A. J.
 DATE: *1/19/11*

"AS BUILT"
 PRIVATE
 These plans have been revised to indicate in-place facilities as actually constructed and verified by inspection. Verification of underground facilities or construction details hidden from view were made by "spot" inspection and are not guaranteed nor warrantable. In addition, the City of Mesquite and its employees, in reviewing and releasing plans for construction assumes no responsibility or liability for the adequacy or accuracy of design.
 Verified by: _____ Date: _____
 Checked for: _____ Date: _____
 Archival Quality: _____ Date: _____

"AS BUILT"
 -CITY-
 These plans have been revised to indicate in-place surface facilities as actually constructed and verified by inspection. Verification of underground facilities or construction details hidden from view were made by "spot" inspection and are not guaranteed nor warrantable.
 Verified by: *JM* Date: *10/27/12*
 Checked for: *MM* Date: *11-3-12*
 Archival Quality: _____ Date: _____

STRUCTURE DETAIL -
 PHASE I STATION 39+05.61

revision	date

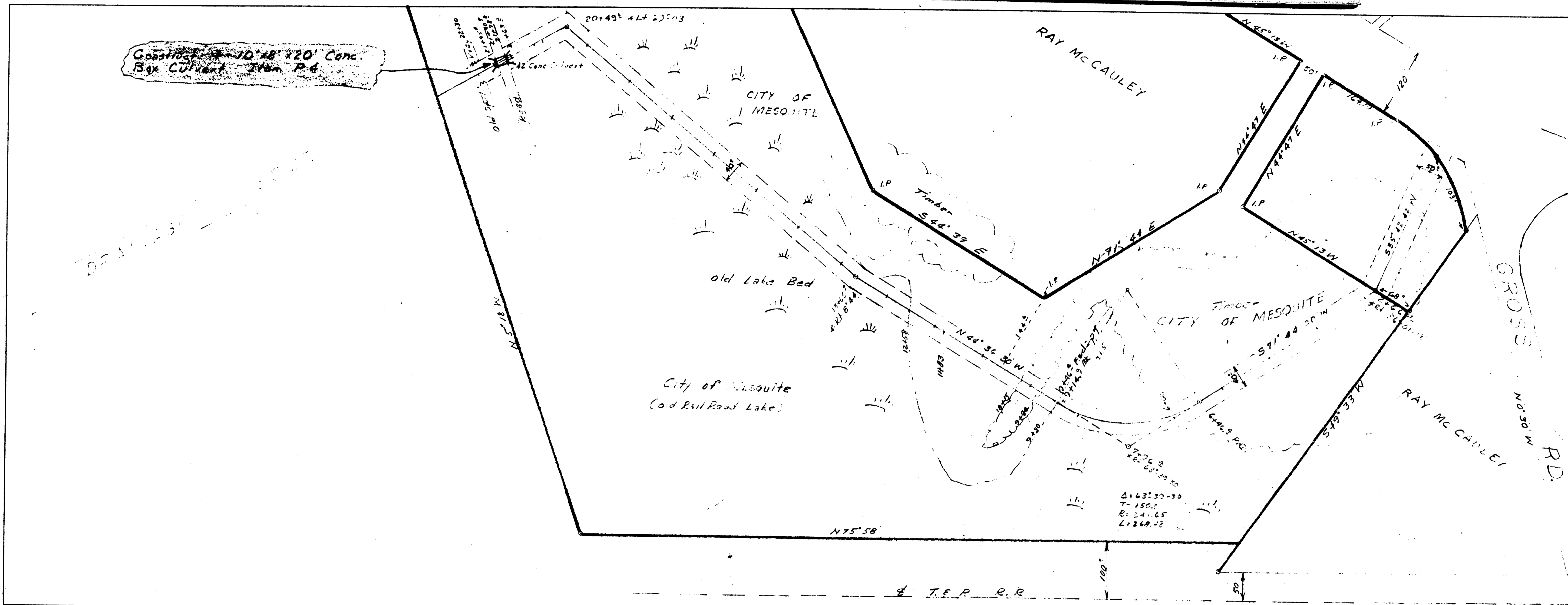
NDM NATHAN D. MAIER
 CONSULTING ENGINEERS, INC.
 Three NorthPark / 8800 N. Central Expwy. / Suite 300
 Dallas, Texas 75251 / (214) 739-6741

**SOUTH MESQUITE
 SANITARY SEWER
 IMPROVEMENTS**

sheet	job no.
13	88-06-100

581-1091

PLAN SHEET
 NOTE BOOK GRADES CHECKED
 No. 64-42-1



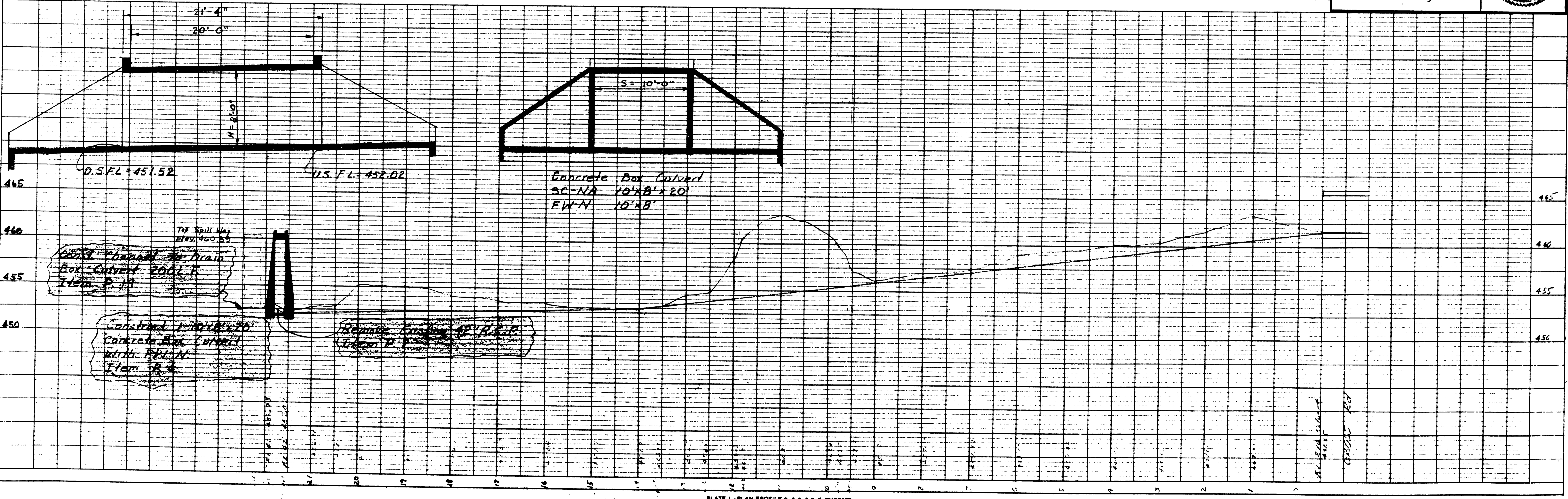
MESQUITE, TEXAS
 Conc. Box Culvert Location

LUNTER ASSOCIATES
 Consulting Engineers
 Dallas, Texas

Designed: J.T.R. Approved: H.G.H.

6430-06 Aug. 1964

PROFILE SHEET
 NOTE BOOK GRADES CHECKED
 No. 64-42-2



CITY CONTRACT No: 64-42

TABLE OF DIMENSIONS										TABLE OF REINFORCING STEEL FOR 2 WINGS																																							
H	L	M	V	W	C	D	T _a	T _b	T _c	MAX FILL	TOTAL QUANTITIES		Bars H ₃		Bars J ₁		Bars O ₁		Bars O ₂		Bars P		Bars P-P		Bars O ₃		Bars R		Bars S		Bars U		Bars V ₁		Bars V ₂														
											Conc.	Steel	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.	No.	Wt.					
3-2	3.68	3.04	6	6	6	2.8	6	10	1.73	241	12	20	8	48	3	5.11	12	4	3.6	9	3	6.5	13	4	4.0	11	6	5.0	20	6	6	17	3	18	8	3.1	16	16	8.0	12	3.6	37	3	3.0	20	2	2		
3-3	5.68	5.11	6	6	8.5	10	3.8	6	303	371	16	27	8	48	3	7.11	16	4	4.6	18	3	8.5	17	6	5.0	20	10	6.0	40	8	6	23	5	30	12	4.4	35	24	8.0	12	4.0	64	3	6.3	33	3	3		
4-2	3.68	3.04	6	6	7.5	10	2.8	6	193	256	12	20	8	48	4	5.11	16	4	3.6	9	4	6.5	17	4	4.0	11	6	5.0	20	7	6	20	3	19	8	3.1	16	16	8.0	12	3.6	37	3	3.0	20	4	2		
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9-7	13.08	13.38	6	6	21.8	10	7.9	7	1636	1428	32	53	8	48	9	15.2	91	12	8.9	70	9	15.8	94	12	9.3	74	24	15.6	248	21	9	58	13	9	73	28	8.11	167	76	8.0	12	6.5	326	3	15	1	126	9	7
9-8	14.08	14.38	6	6	23.8	10	8.9	7	2009	1894	36	60	8	48	9	16.3	98	14	9.0	83	9	16.9	101	14	9.4	87	26	16.0	278	22	9	61	14	10	79	32	9.10	210	124	8.0	12	7.2	354	3	16	3	155	9	6
9-9	15.08	15.38	6	6	25.8	10	9.9	7	2447	2563	40	67	8	48	9	18.3	110	16	9.0	105	9	18.9	113	16	10.4	110	34	17.0	341	24	9	66	17	11	91	36	11.0	265	120	8.0	12	8.2	402	3	18	9	224	5	2
10-5	10.18	10.48	6	6	20.9	10	7.9	9	10.82	894	24	40	8	48	10	11.3	75	8	6.10	37	10	11.9	78	8	7.4	39	16	14.6	155	18	10	50	9	4	50	20	6.8	89	40	8.0	12	5.6	147	3	10	3	96	10	5
10-6	12.18	12.48	6	6	22.9	10	8.9	9	1414	1149	28	47	8	48	10	13.3	89	10	7.10	52	10	13.9	92	10	8.4	56	20	15.6	207	20	10	50	11	7	62	24	7.10	126	52	8.0	12	6.0	208	3	12	8	10	6	
10-7	13.18	13.48	6	6	24.9	10	9.9	9	1784	1479	32	53	8	48	10	15.3	102	12	8.10	71	10	15.9	105	12	9.4	75	24	16.6	265	22	10	61	13	10	74	28	9.0	168	76	8.0	12	6.6	330	3	15	2	121	11	1
10-8	15.18	15.48	6	6	26.9	10	10.9	9	2172	1849	36	60	8	48	10	16.4	109	14	8.11	83	10	16.10	112	14	9.5	88	26	17.0	295	23	10	64	14	11	80	32	9.10	210	124	8.0	12	7.3	304	3	16	4	156	10	8
10-9	17.18	17.48	6	6	28.9	10	11.9	9	2636	2626	40	67	8	48	10	18.4	122	16	9.11	106	10	18.10	126	16	10.5	111	38	18.0	361	25	10	69	17	12	92	36	11.0	265	120	8.0	12	8.3	403	3	18	10	226	10	9
10-10	19.18	19.48	6	6	30.9	10	12.9	9	3141	3744	44	7																																					