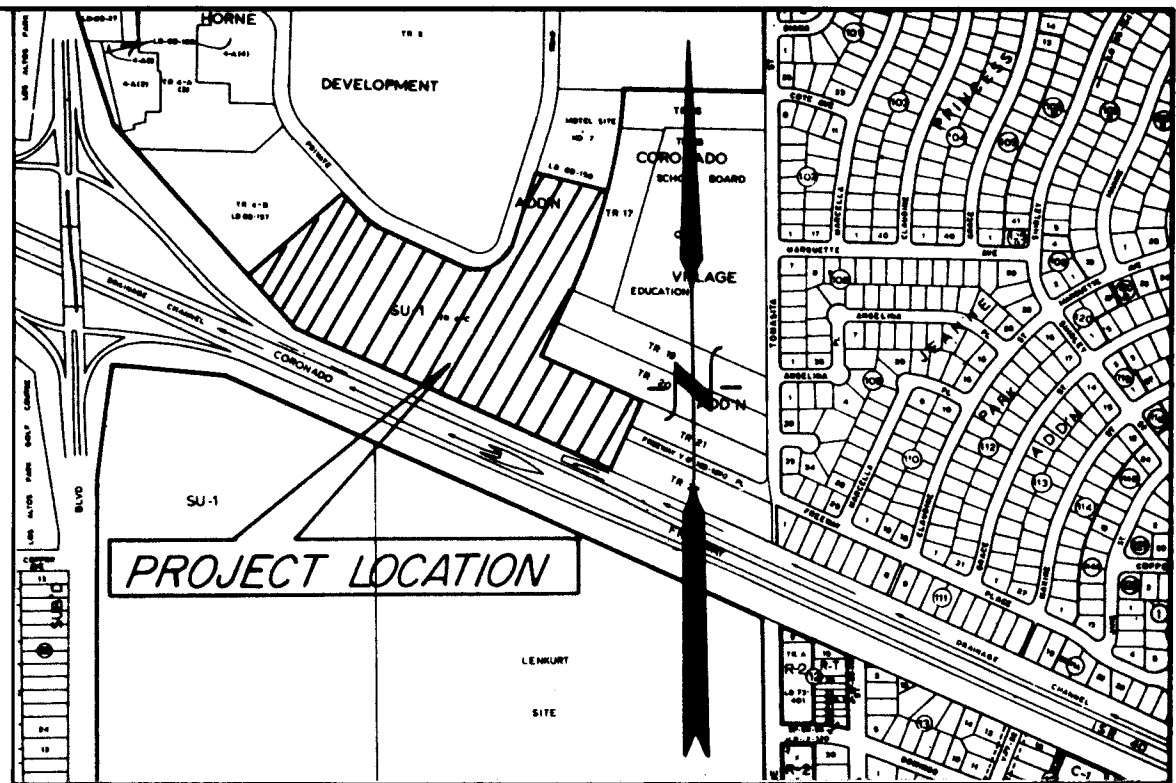


CONSTRUCTION PLANS FOR

TRACT 4-C

HORNE DEVELOPMENT

PUBLIC WATERLINE RELOCATION

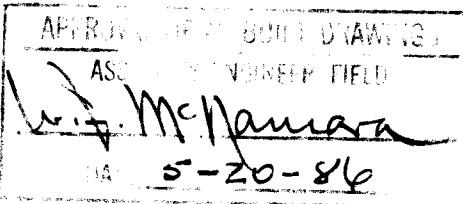


VICINITY MAP
SCALE: 1"=800' ±

- GENERAL NOTES**
1. All work detailed on these plans to be performed under contract, unless stated otherwise or provided for hereon, shall be constructed in accordance with the City of Albuquerque Interim Standard Specifications Public Works Construction, 1985 (referred herein as "Standard Specifications").
 2. Two (2) working days prior to any excavation, Contractor must contact line locating service, 765-1234, for location of existing utilities.
 3. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
 4. All work on this project shall be performed in accordance with applicable Federal, State and Local laws, rules, and regulations concerning construction safety and health.
 5. Contractor shall maintain access to adjacent properties during construction.
 6. All gas, electric, telephone lines, cables, and appurtenances encountered during construction that require relocation, shall be done by the responsible utility. Contractor shall be responsible for coordination of all necessary utility adjustments.
 7. It will be the Contractor's responsibility to protect and maintain in service all existing utilities.
 8. The Contractor will be required to confine his work within the construction limits and/or public right-of-way to preserve existing vegetation and private property. Overnight parking of construction equipment shall not obstruct driveways or designated traffic lanes.
 9. A disposal site for all excess excavation material, asphaltic paving, concrete curbs and sidewalks, etc., shall be obtained by the Contractor in compliance with applicable environmental regulations and approved by the Field Engineer. All costs incurred in obtaining a disposal site and haul thereto shall be considered incidental to the project and no separate measurement or payment shall be made.
 10. When abutting new pavement to existing, sawcut existing pavement to a straight edge and at a right angle, or as approved by the Project Engineer, to remove any broken or cracked pavement.
 11. The Contractor must submit a construction signing and barricading plan to Traffic Engineering a minimum of three (3) working days prior to construction to receive a barricading permit.
 12. All trench backfill shall be compacted to a minimum 90% maximum density as per ASTM D-1557.

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	PLAT SHEET
3.	OVERALL PLAN
4.	WATERLINE IMPROVEMENTS STA. 1+81.40 TO STA. 9+69
5.	WATERLINE IMPROVEMENTS

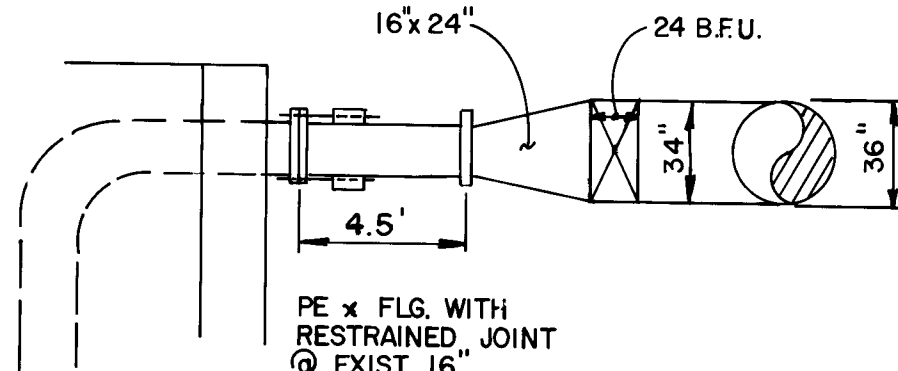
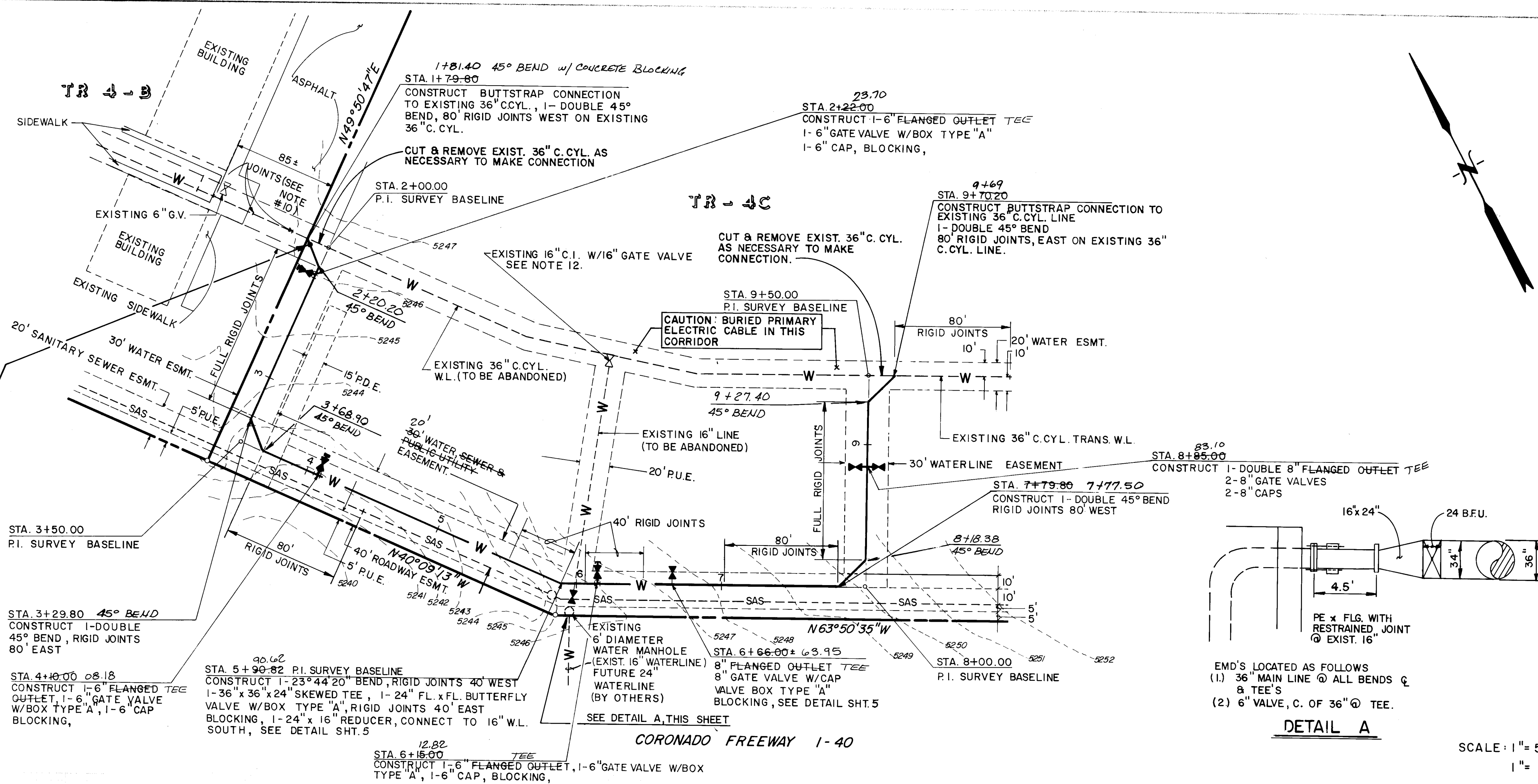
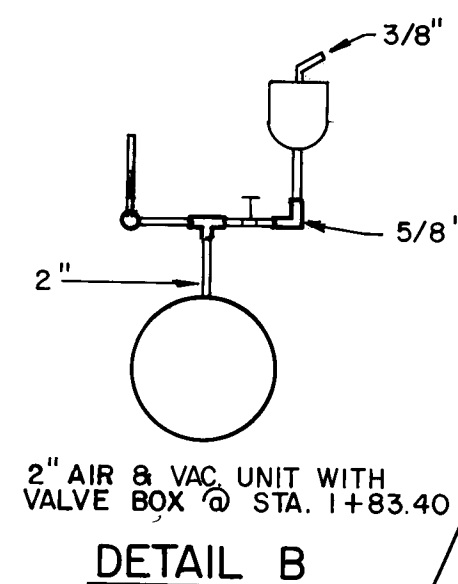
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REV	SHEETS	CITY	ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS										

ENGINEERS SEAL 	ESPEY, HUSTON & ASSOC., INC. <i>Engineering & Environmental Consultants</i> 4801 INDIAN SCHOOL ROAD N.E. SUITE 204 ALBUQUERQUE, NEW MEXICO 87110 PHONE (505) 255-1625	APPROVED FOR CONSTRUCTION 4/30/86
PROJECT NUMBER 2838		SHEET 1 OF 5

021-187

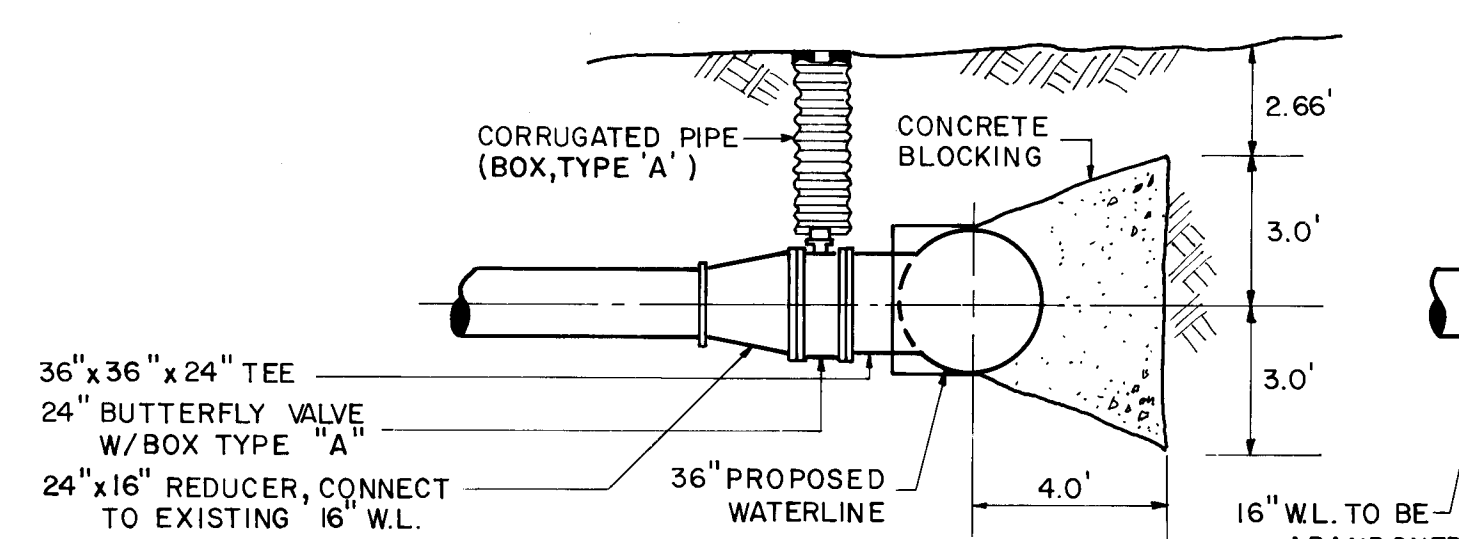
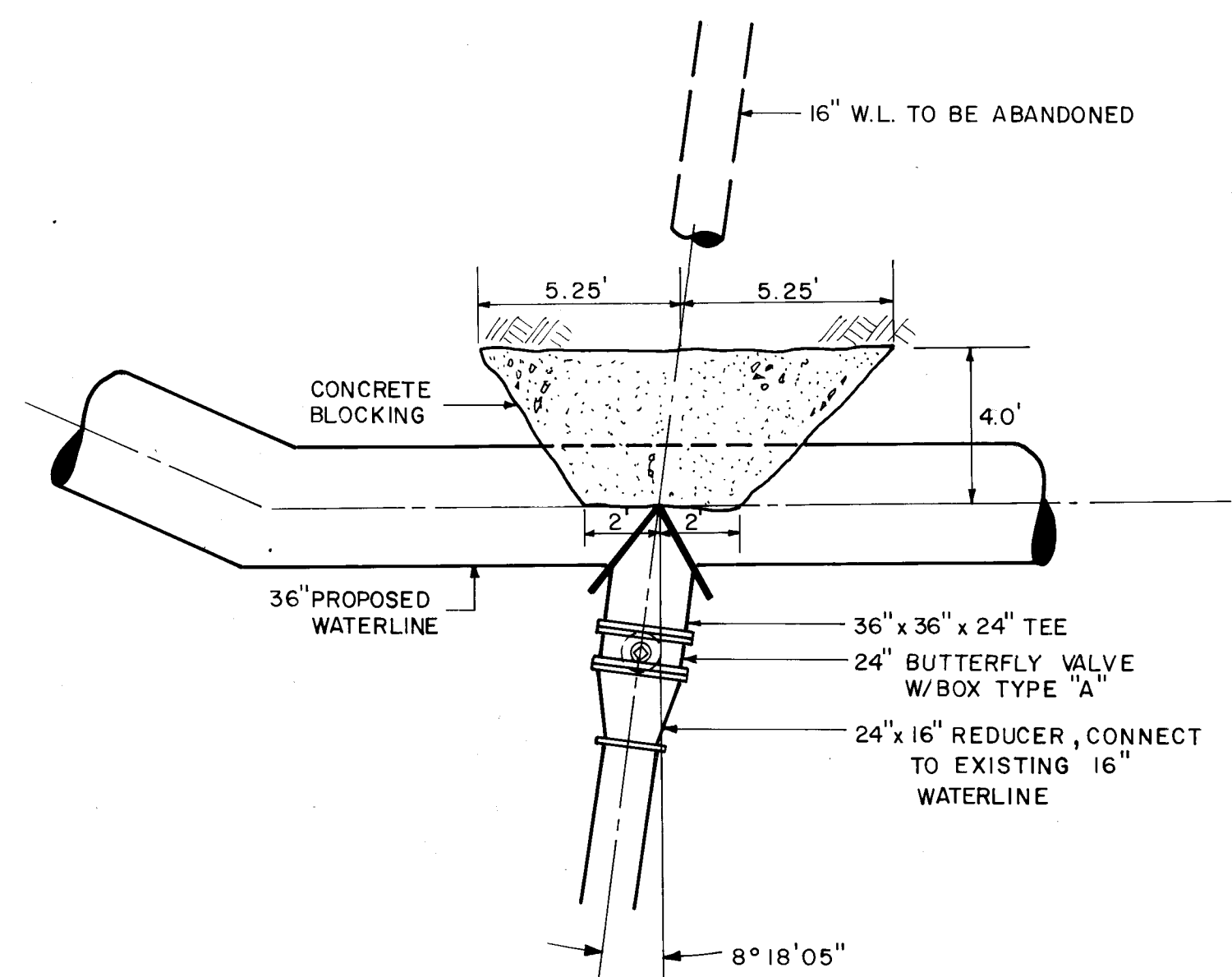
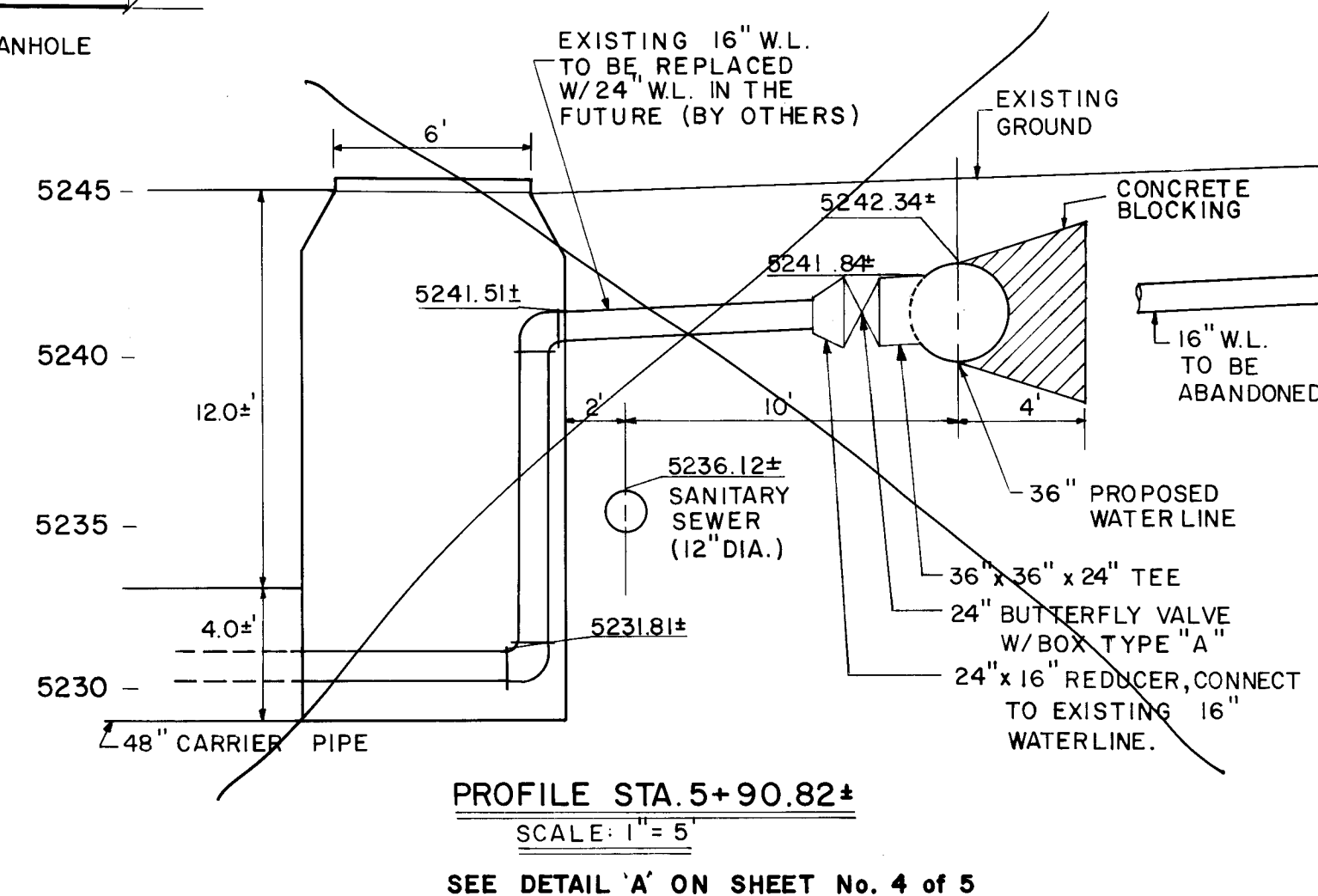
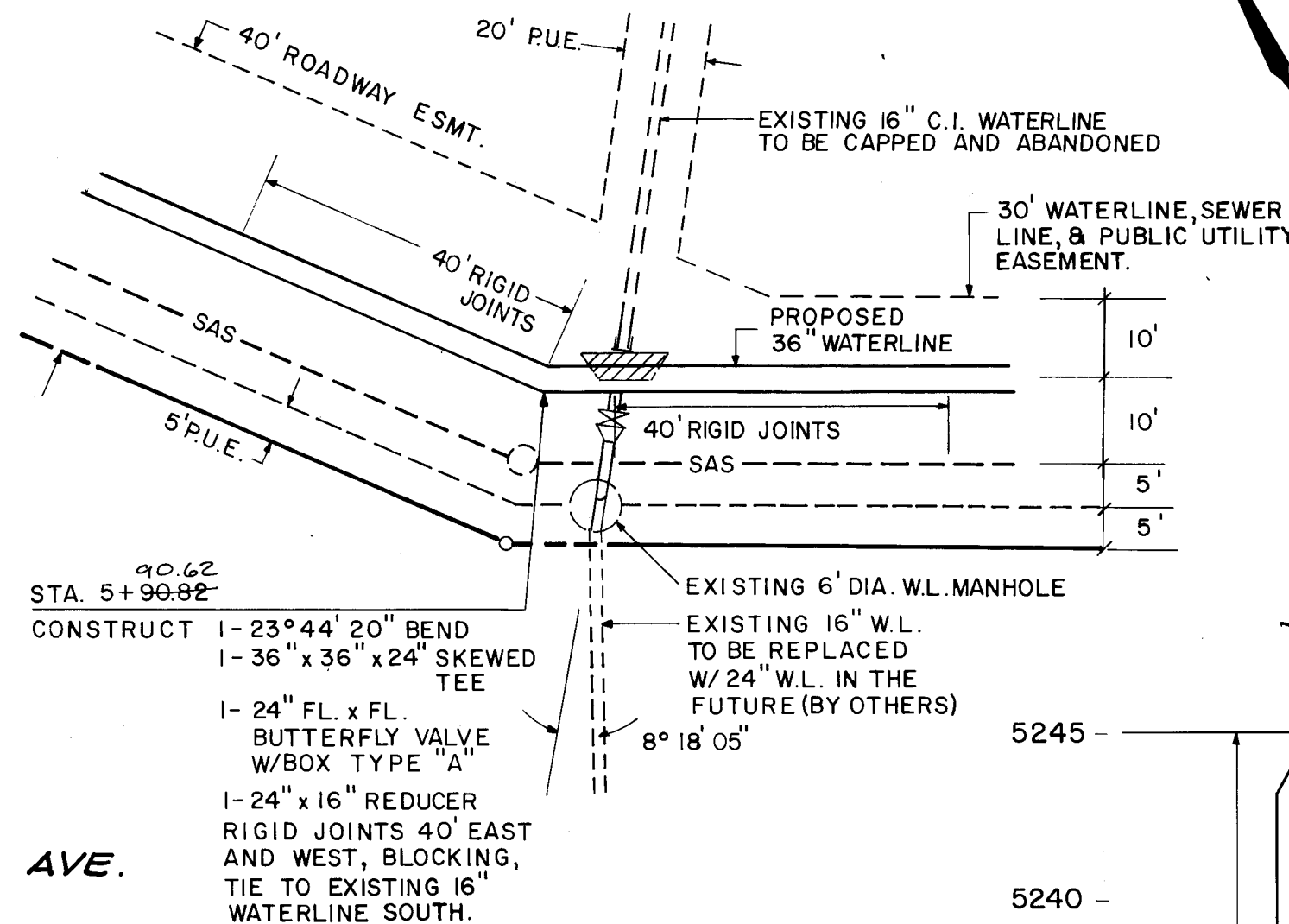
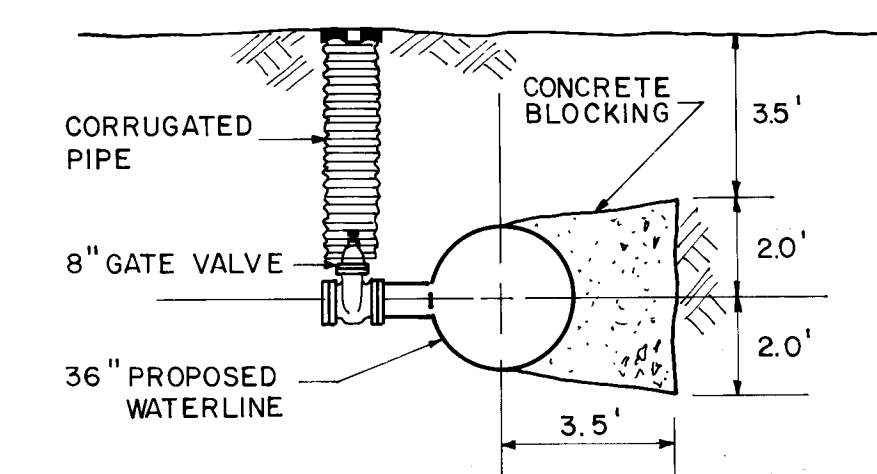
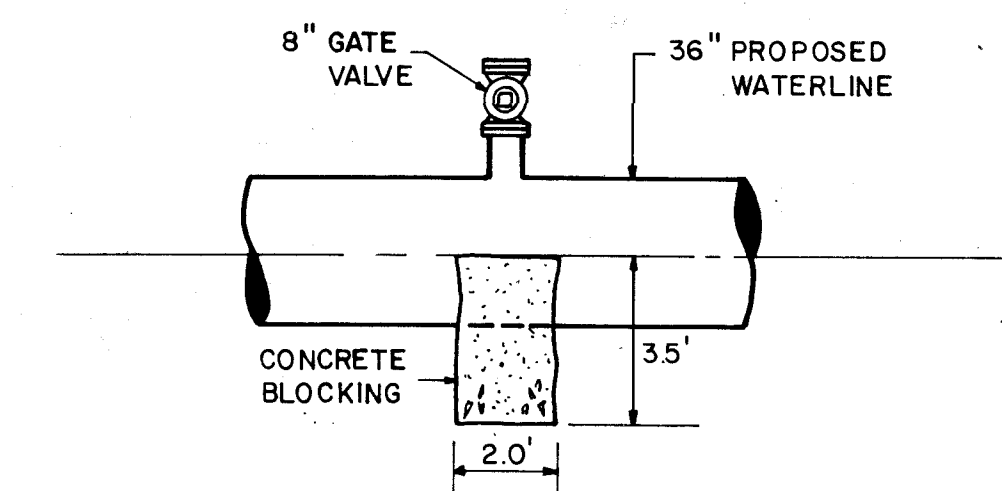
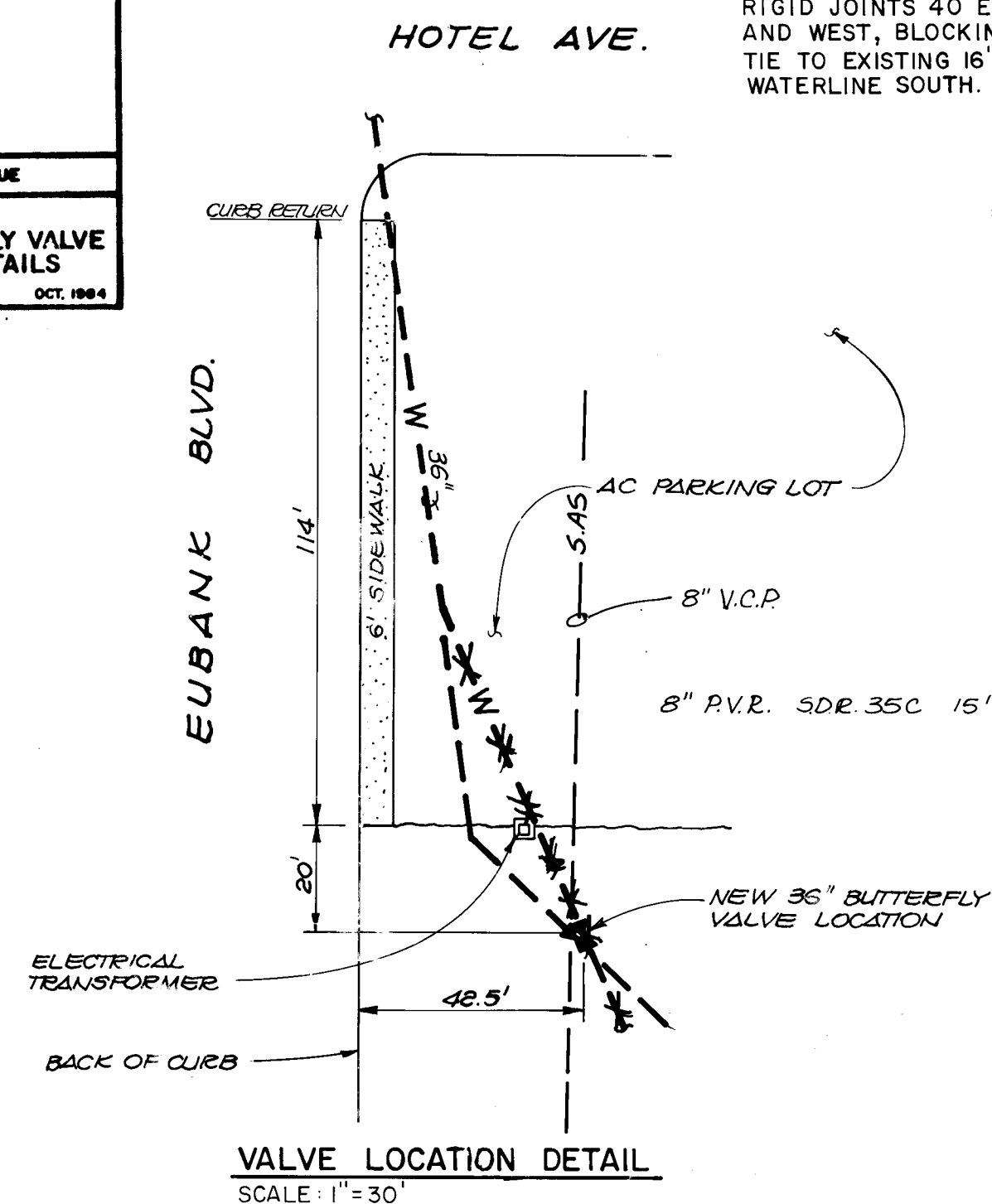
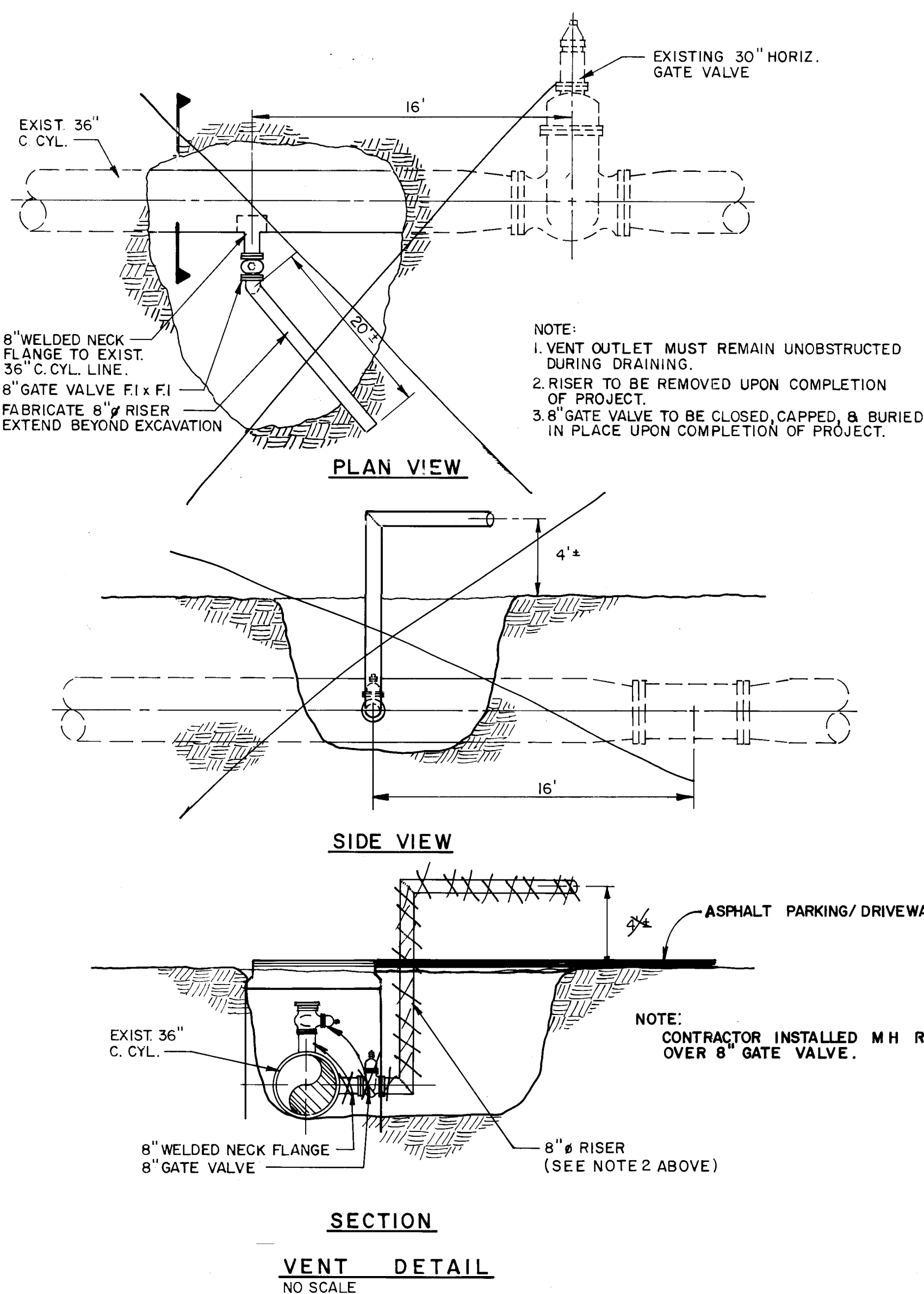
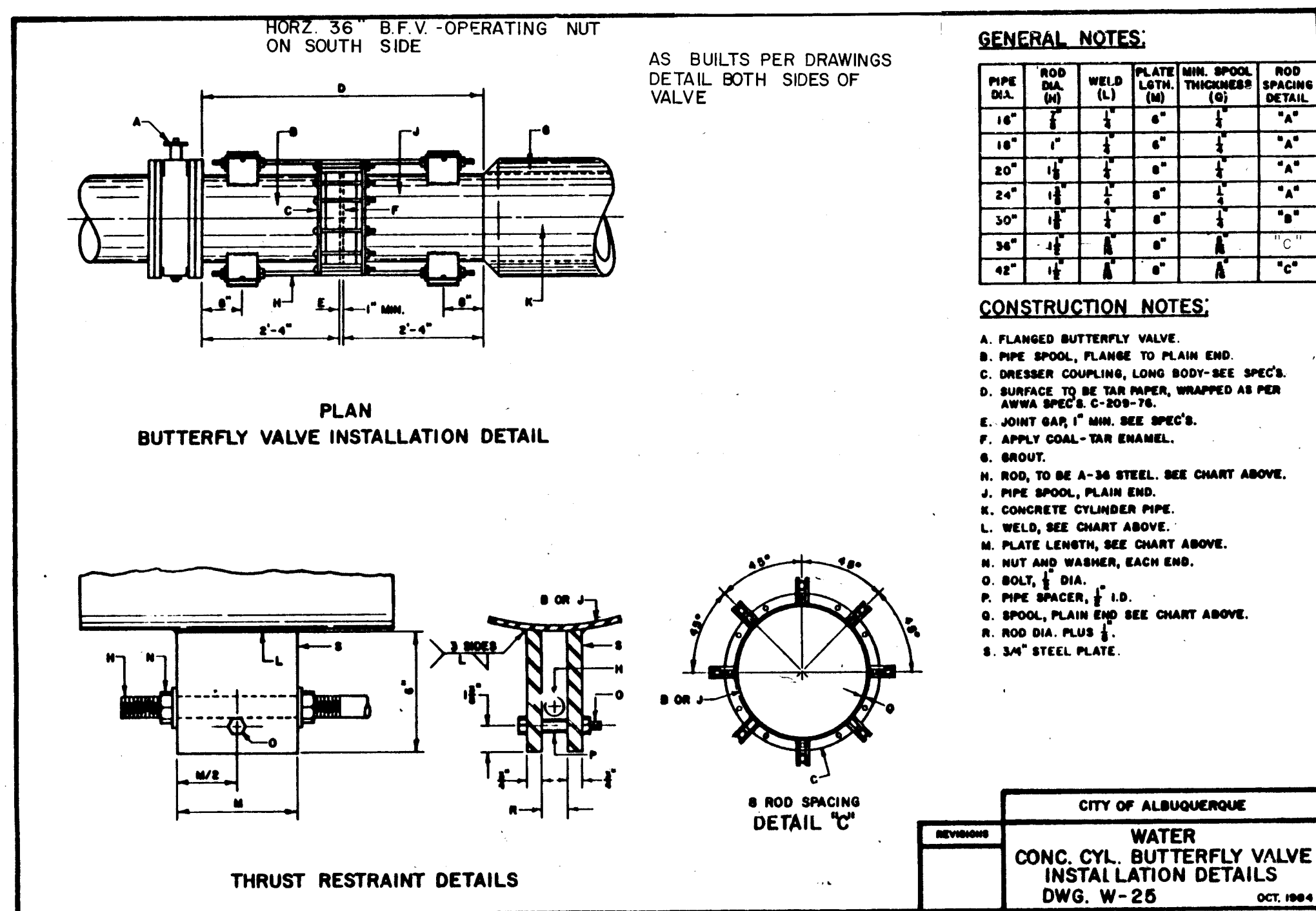


RECORD DRAWING

The improvements shown on this drawing have been as-built in accordance with field surveys performed by Espey, Huston & Associates, Inc. and information provided by MCC Inc. (contractors) to reflect construction actually accomplished as of this date, to the best of my knowledge and belief.

Paul T. Brasher PE #7282
Paul T. Brasher P.E. #7282

GENERAL NOTES																																				
1.	ALL STATIONING IS BASED ON THE SURVEY BASELINE AS SHOWN.																																			
2.	THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING LINES PRIOR TO START OF CONSTRUCTION.																																			
3.	IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ANY EXISTING UTILITIES.																																			
4.	A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, CONCRETE PAVING, ASPHALTIC PAVING, ETC., SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE FIELD ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.																																			
5.	WHERE REMOVAL OF EXISTING CURBS AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.																																			
6.	WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT EXISTING PAVEMENT TO A STRAIGHT LINE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT. NO SEPARATE PAYMENT SHALL BE MADE BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.																																			
7.	THE FOLLOWING CITY OF ALBUQUERQUE STANDARD DRAWINGS ARE APPLICABLE FOR THE PROPOSED PUBLIC WATERLINE: W-1 W-8 W-20 W-2 W-11 W-22 W-4 W-17 W-25, except as noted on detail W-7 W-18 sheet 5/5.																																			
8.	ALL RIGID JOINTS SHALL INCORPORATE FULL 360° CIRCUMFERENTIAL WELDS.																																			
9.	PRIVATELY OWNED ASPHALT AND CONCRETE SHALL BE REMOVED ONLY WITHIN THE 20' WATERLINE EASEMENT, AND SHALL BE REPLACED TO MATCH EXISTING. REMOVAL AND REPLACEMENT OF ASPHALT AND CONCRETE SHALL BE CONSIDERED INCIDENTAL TO WATERLINE INSTALLATION.																																			
10.	JOINTS ON EXISTING 36" C. CYL. LOCATED AS PER AMERON SHOP DRAWINGS.																																			
11.	EXISTING 20' WATERLINE EASEMENT CONTAINS PRIMARY UNDERGROUND ELECTRIC SERVICE CABLE; CONTRACTOR SHALL FIELD VERIFY LOCATION OF CABLE.																																			
12.	CONTRACTOR SHALL REMOVE AND RETURN EXIST. 16" GATE VALVE TO CITY YARDS UPON COMPLETION OF CONSTRUCTION.																																			
<p align="center">LEGEND</p> <p>--- W --- EXISTING WATERLINE</p> <p>--- W --- PROPOSED WATERLINE</p> <p>--- G --- PROPOSED GATE VALVE</p> <p>--- SAS --- EXISTING GATE VALVE</p> <p>--- SAS --- EXISTING SANITARY SEWER</p> <p>--- SD --- EXISTING STORM DRAIN</p> <p>--- P --- POWER POLE</p> <p>--- M --- EXISTING SANITARY SEWER MANHOLE</p> <p>--- M --- EXISTING STORM DRAIN MANHOLE</p>																																				
<p align="center">CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION</p> <p align="center">TITLE: TRACT 4-C HORNE DEVELOPMENT WATERLINE IMPROVEMENTS- PLAN & PROFILE STA. 1+82.00 TO STA. 10+00</p> <table border="1"> <thead> <tr> <th>APPROVALS</th> <th>ENGINEER</th> <th>DATE</th> <th>APPROVALS</th> <th>ENGINEER</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>City Engineer</td> <td><i>[Signature]</i></td> <td>3/12/86</td> <td>Liquid Waste</td> <td><i>[Signature]</i></td> <td>2-18-86</td> </tr> <tr> <td>A C E - Design</td> <td><i>[Signature]</i></td> <td>3/24/86</td> <td>Traffic</td> <td><i>[Signature]</i></td> <td>3-14-86</td> </tr> <tr> <td>A C E - Hydrology</td> <td><i>[Signature]</i></td> <td>3/24/86</td> <td>Water</td> <td><i>[Signature]</i></td> <td>3-14-86</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>DRAWING NO.</th> <th>MAP NO.</th> <th>SHEET</th> <th>OF</th> </tr> </thead> <tbody> <tr> <td>2838</td> <td>K-21</td> <td>4</td> <td>5</td> </tr> </tbody> </table>					APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE	City Engineer	<i>[Signature]</i>	3/12/86	Liquid Waste	<i>[Signature]</i>	2-18-86	A C E - Design	<i>[Signature]</i>	3/24/86	Traffic	<i>[Signature]</i>	3-14-86	A C E - Hydrology	<i>[Signature]</i>	3/24/86	Water	<i>[Signature]</i>	3-14-86	DRAWING NO.	MAP NO.	SHEET	OF	2838	K-21	4	5
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2838	K-21	4	5																																	



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CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: TRACT 4-C HORNE DEVELOPMENT DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/27/86	Liquid Waste	N/A B.R.L.	3-14-86
A.C.E. - Design	<i>[Signature]</i>	3/29/86	Traffic	N/A B.R.L.	3-14-86
A.C.E. - Hydrology	<i>[Signature]</i>	3/24/86	Water	B.R.L.	3-14-86

DRAWING NO. **2838** MAP NO. **K-21** SHEET **5** OF **5**

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	MCC INC	THE STATION IS LOCATED AT THE INTERSECTION OF	LOMAS BLVD. AND EUBANK BLVD. NE. IN THE N.W. QUADRANT OF THE INTERSECTION A SQUARE CHISELED ON TOP OF CONCRETE CURB AT WNW CURB RETURN.	DATE	BY		NO. DATE REVISIONS DESIGN
WORK STAKED BY	EH & A	DATE	DATE	DATE	DATE		
FIELD ACCEPTANCE BY	EH & A	DATE	DATE	DATE	DATE	DESIGNED BY	T.S.
REVISION BY	EH & A	DATE	DATE	DATE	DATE	DRAWN BY	DATE
RECORDED BY	NO	DATE	DATE	DATE	DATE	CHECKED BY	DATE