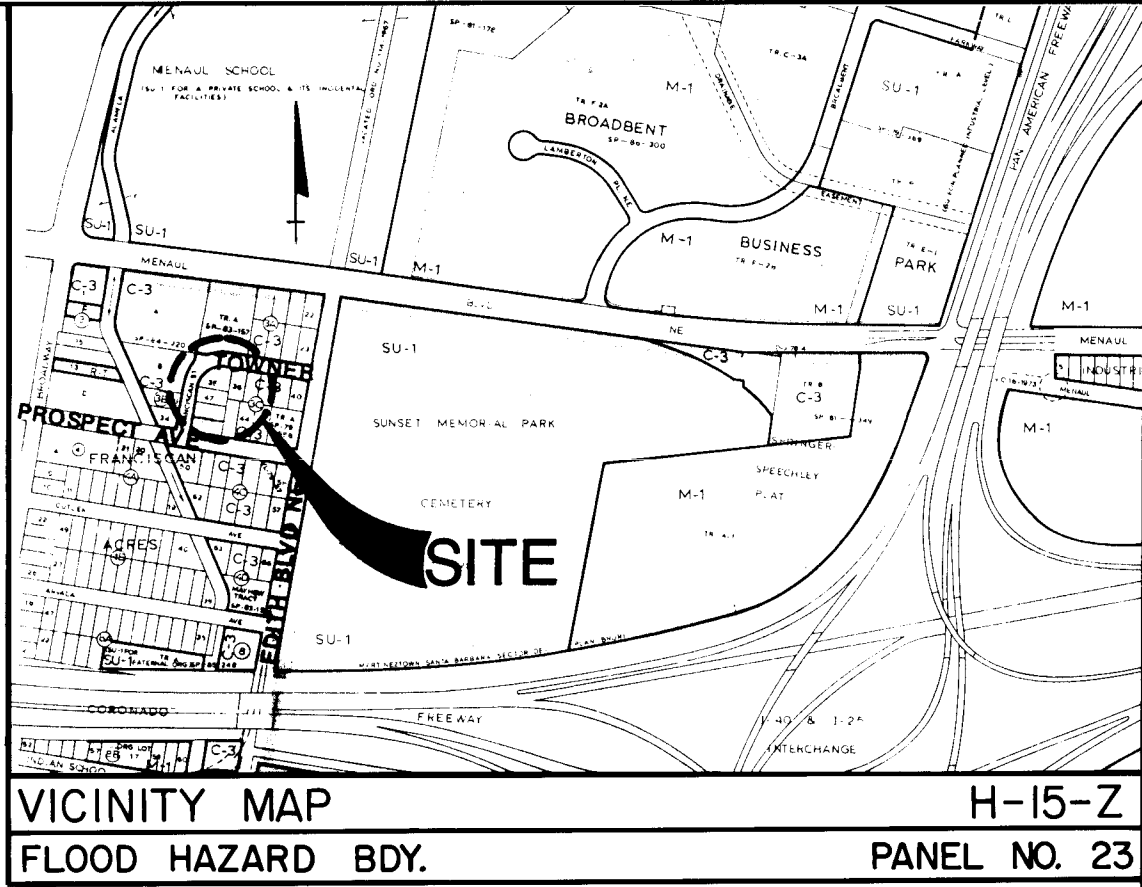


# WATERLINE EXTENSION

## TOWNER AVE. & FRANCISCAN ST.



C of A PWD Maps & Records  
1 2 3 4 5 6 7 8 9 10 11 12  
2 2 0 3 8 8 7 0 1 1 9 1 0

APPROVAL OF AS BUILT DRAWINGS  
CHIEF CONSTRUCTION ENGINEER  
*[Signature]*  
DATE 10/10/90

### INDEX TO SHEETS

- 1 TITLE SHEET
- 2 NOTES AND PROJECT LEGEND
- 3 PLAN AND PROFILE

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL OF REVISIONS							

DAVID H. GRIEVS  
STATE OF NEW MEXICO  
NO. 6127  
REGISTERED PROFESSIONAL ENGINEER  
9/27/90

**CHAVEZ GRIEVES**  
CONSULTING ENGINEERS, INC.  
4800 MONTGOMERY BLVD. N.E.  
ALBUQUERQUE, N.M. 87109  
PH. (505) 881-7376

APPROVED FOR CONSTRUCTION  
*[Signature]*  
10-10-90 C.E.

DRAWING NO. **3887**

SHEET **1** OF **3**

NOTICE TO CONTRACTOR

1. THE CONTRACTOR WILL NOT WILLFULLY INSTALL ITEMS AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY & EXPENSE FOR ANY REVISIONS NECESSARY.
2. 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.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTION. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
4. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE "CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986" (COA STD).
5. REFERENCE MADE TO STANDARD DRAWINGS REFER TO CITY OF ALBUQUERQUE STANDARD DRAWINGS.
6. WATERING, AS REQUIRED FOR CONSTRUCTION AND DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE THEREFORE. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST POLLUTION ABATEMENT AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.
7. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTION EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
8. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
9. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT SERVICE DISRUPTION.
10. CONSTRUCTION WHICH IS EXISTING AND NOT TO BE REMOVED UNDER THE CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
11. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
12. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
13. WHEN ABUTTING NEW PAVEMENT TO EXIST, CUT BACK EXISTING PAVEMENT TO A NEAT, STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT, AND MATCH NEW PAVING TO EXISTING.
14. WHEN CONSTRUCTION UNDER THIS PROJECT CONNECTS TO EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL PROVIDE AN EASY RIDING CONNECTION.

15. ALL WATER VALVE BOXES AND ELECTRICAL, TELEPHONE, TV & SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE.
16. ELECTRONIC MARKER DISCS SHALL BE PLACED IN ACCORDANCE WITH SECTION 170 OF THE CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION.
17. CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
18. BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
19. CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (823-4200) THREE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER UTILITIES.
20. STATIONING IS AT CENTERLINE OF NEW WATERLINE.

TRAFFIC CONTROL

THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO TRAFFIC ENGINEERING DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE TRAFFIC ENGINEERING DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.

C of A PWD Maps & Records  
1 2 3 4 5 6 7 8 9 10 11 12  
26 38 817 012190

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: WATERLINE EXTENSION  
TOWNER AVE. & FRANCISCAN ST. NE.

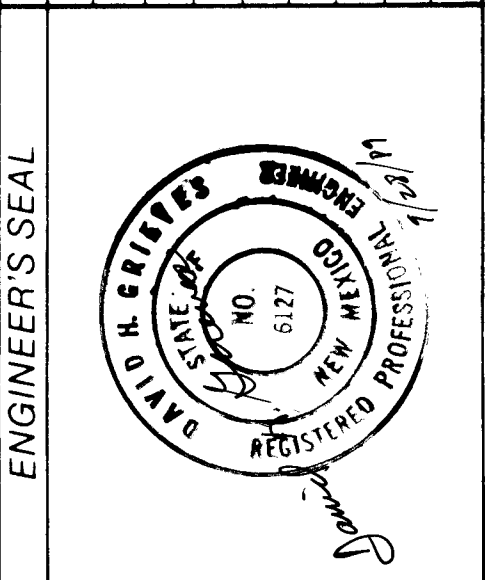
NOTES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>Robert A. Nae...</i>	10/2/89			
Trans. Dev	<i>R. W. Kame...</i>	9-29-89			
Utility Dev	<i>R. W. Kame...</i>	9-29-89			

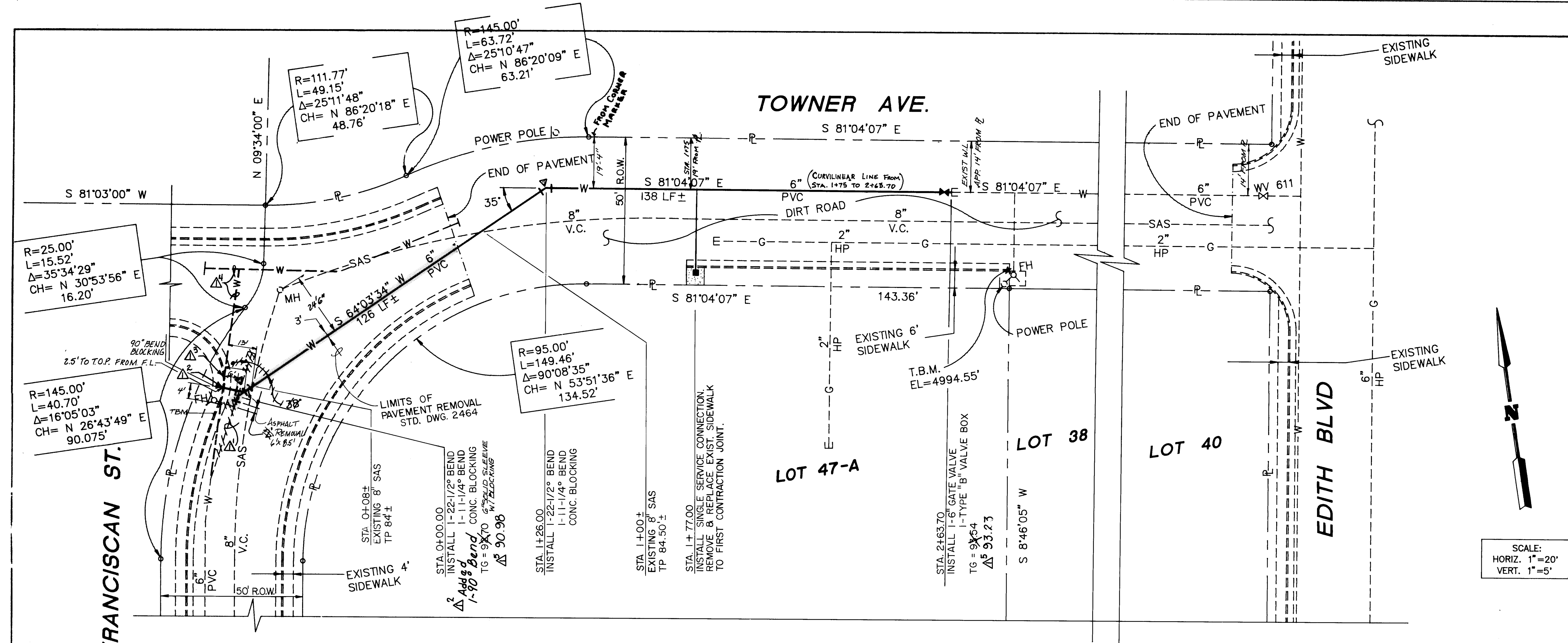
DRAWING NO.	3887	MAP NO.	H-15	SHEET	2 OF 3
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AS BUILT INFORMATION	CONTRACT NO.	100	DATE	10/2/89
BENCH MARKS	WORK BY	Asa Sweeney Co.	DATE	10/2/89
	INSPECTED BY	Asa Sweeney Co.	DATE	10/2/89
	ACCURACY BY G.S.		DATE	10/2/89
	FIELD LOCATION BY G.S./ASST.		DATE	10/2/89
	DRAWINGS CORRECTED BY ASST.		DATE	10/2/89
MICRO-FILM INFORMATION	RECORDED BY		DATE	
	NO.			

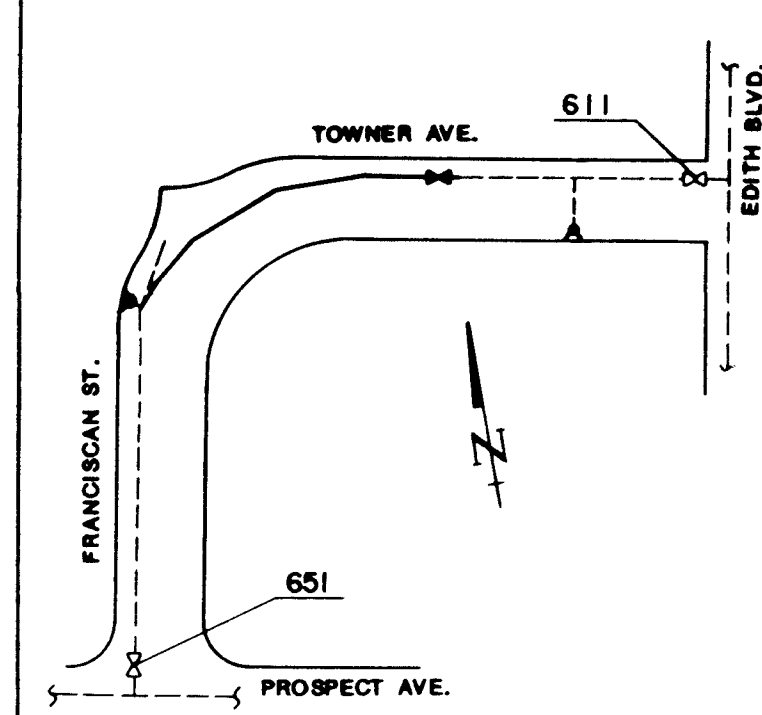
SURVEY INFORMATION	FIELD NOTES	NO.	BY	DATE



ENGINEER'S SEAL	REVISIONS	NO.	DATE	BY	
DESIGNED BY	DRAWN BY	CHECKED BY	DATE	DATE	DATE

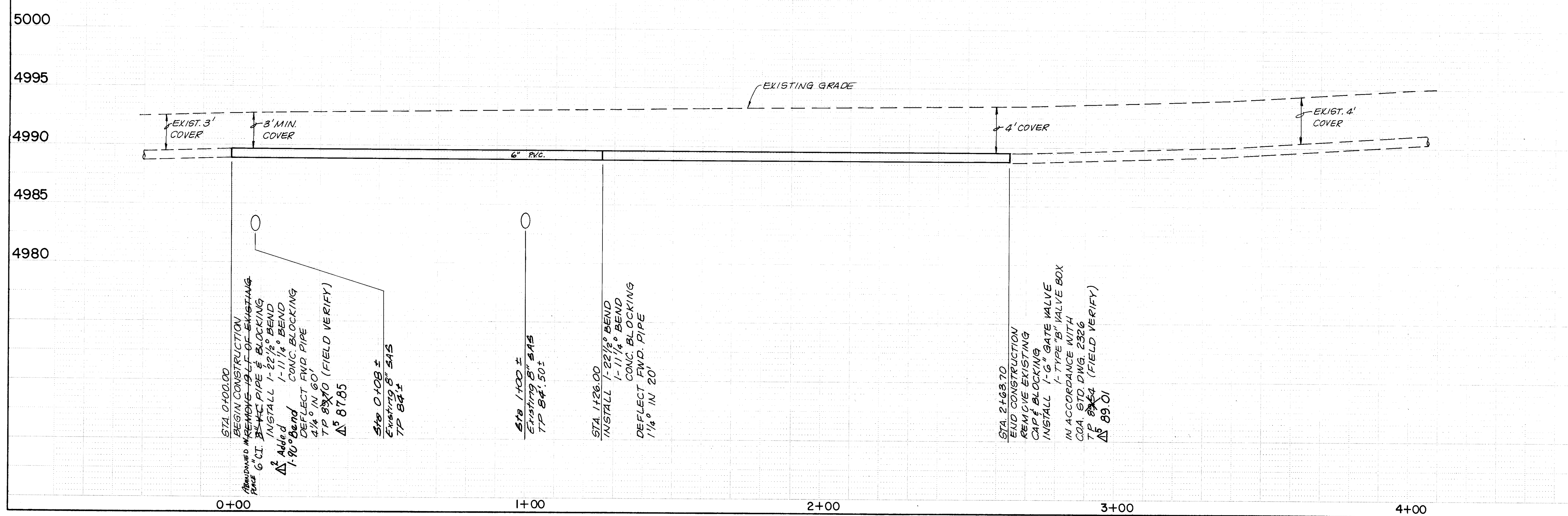


SCALE:  
HORIZ. 1"=20'  
VERT. 1"=5'



**VALVE SHUTOFF SCHEMATIC**  
NOT TO SCALE

TO INSTALL NEW WATERLINE, CLOSE VALVES 611 AND 651. CONTRACTOR TO NOTIFY WATER SYSTEMS DIVISION AT 823-4200 THREE (3) WORKING DAYS PRIOR TO SHUTOFF.



<b>ENGINEER'S SEAL</b> 			<b>AS BUILT INFORMATION</b> CONTRACTOR: <u>Manuway Const. Co.</u> WORK: <u>Waterline Extension</u> DRAWN BY: <u>ASCI</u> CHECKED BY: <u>ASCI</u> DATE: <u>10/10/89</u>																														
<b>SURVEY INFORMATION</b> FIELD NOTES: <u>The Station Mark is a Standard N.M.S.H.C. Brass Tablet Stamped "Sta 1147-13A" Set at Top of Concrete Post with Ground, 170' West of Intersection of Memory Blvd. at its Intersection with Edith Blvd. Elevation = 4997.410'</u> DATE: <u>10/10/89</u> BY: <u>ASCI</u> NO.: <u>3887</u>			<b>REVISIONS</b> <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>REMARKS</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10/10/89</td> <td>Location incorrect on orig. As Built ASCI</td> <td>ASCI</td> </tr> <tr> <td>2</td> <td>10/10/89</td> <td>1-90° Bend Added</td> <td>ASCI</td> </tr> <tr> <td>3</td> <td>10/10/89</td> <td>Curb Stone Replaced</td> <td>ASCI</td> </tr> <tr> <td>4</td> <td>10/10/89</td> <td>Exst. 12" Not Shown On Eng. Draw.</td> <td>ASCI</td> </tr> <tr> <td>5</td> <td>10/10/89</td> <td>Elev. Revised</td> <td>ASCI</td> </tr> <tr> <td>6</td> <td>10/10/89</td> <td>Orig. BM Destroyed</td> <td>ASCI</td> </tr> </tbody> </table>			NO.	DATE	REMARKS	BY	1	10/10/89	Location incorrect on orig. As Built ASCI	ASCI	2	10/10/89	1-90° Bend Added	ASCI	3	10/10/89	Curb Stone Replaced	ASCI	4	10/10/89	Exst. 12" Not Shown On Eng. Draw.	ASCI	5	10/10/89	Elev. Revised	ASCI	6	10/10/89	Orig. BM Destroyed	ASCI
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CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: **WATERLINE EXTENSION  
TOWNER AVE. & FRANCISCAN ST. NE.  
PLAN AND PROFILE**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<u>David N. Brien</u>	<u>10/2/89</u>			
Trans. Dev	<u>R. Brien</u>	<u>9-27-89</u>			
Utility Dev	<u>A.W. Kane</u>	<u>9-29-89</u>			

DRAWING NO. **3887** MAP NO. **H-15** SHEET **3** OF **3**