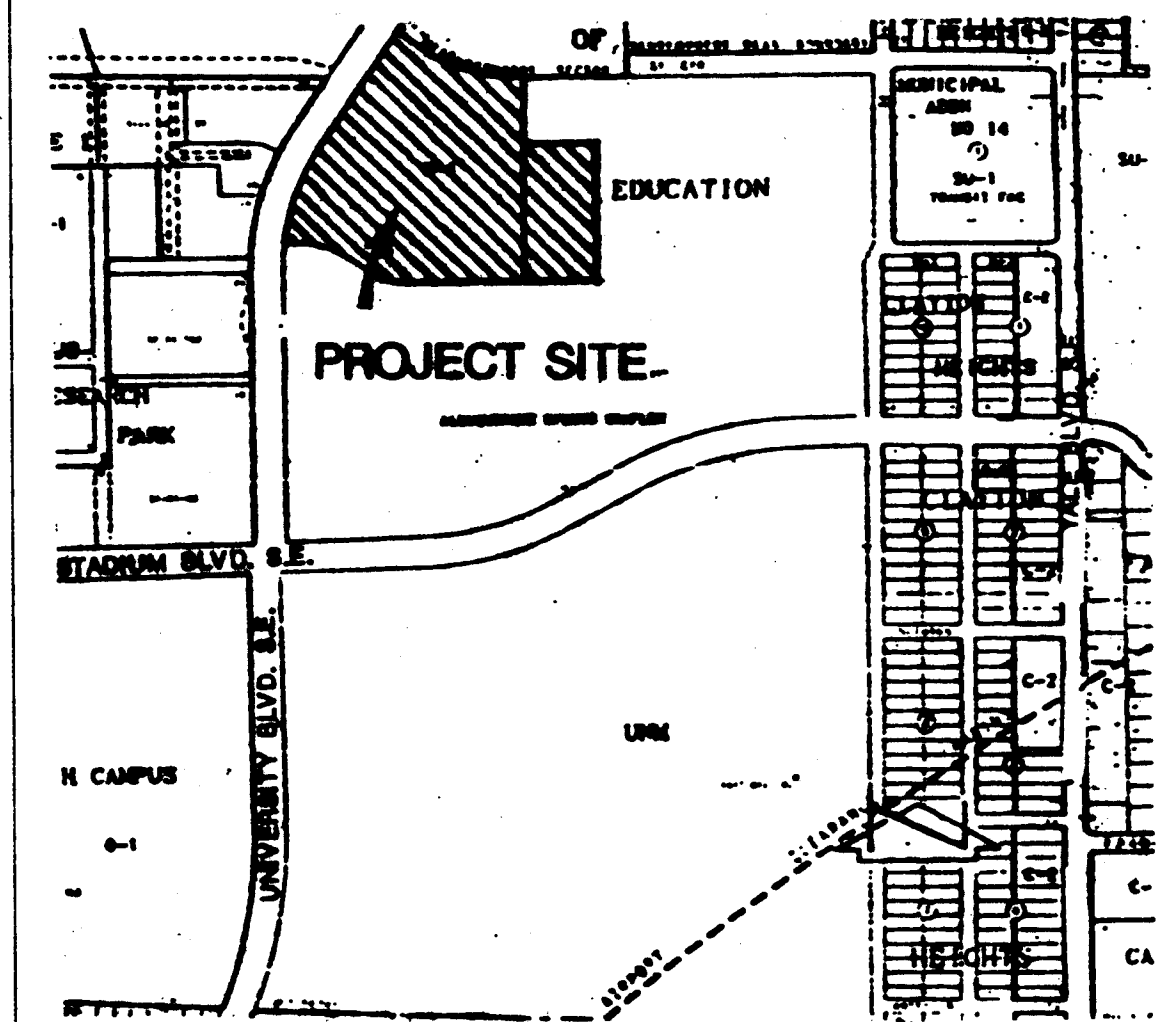
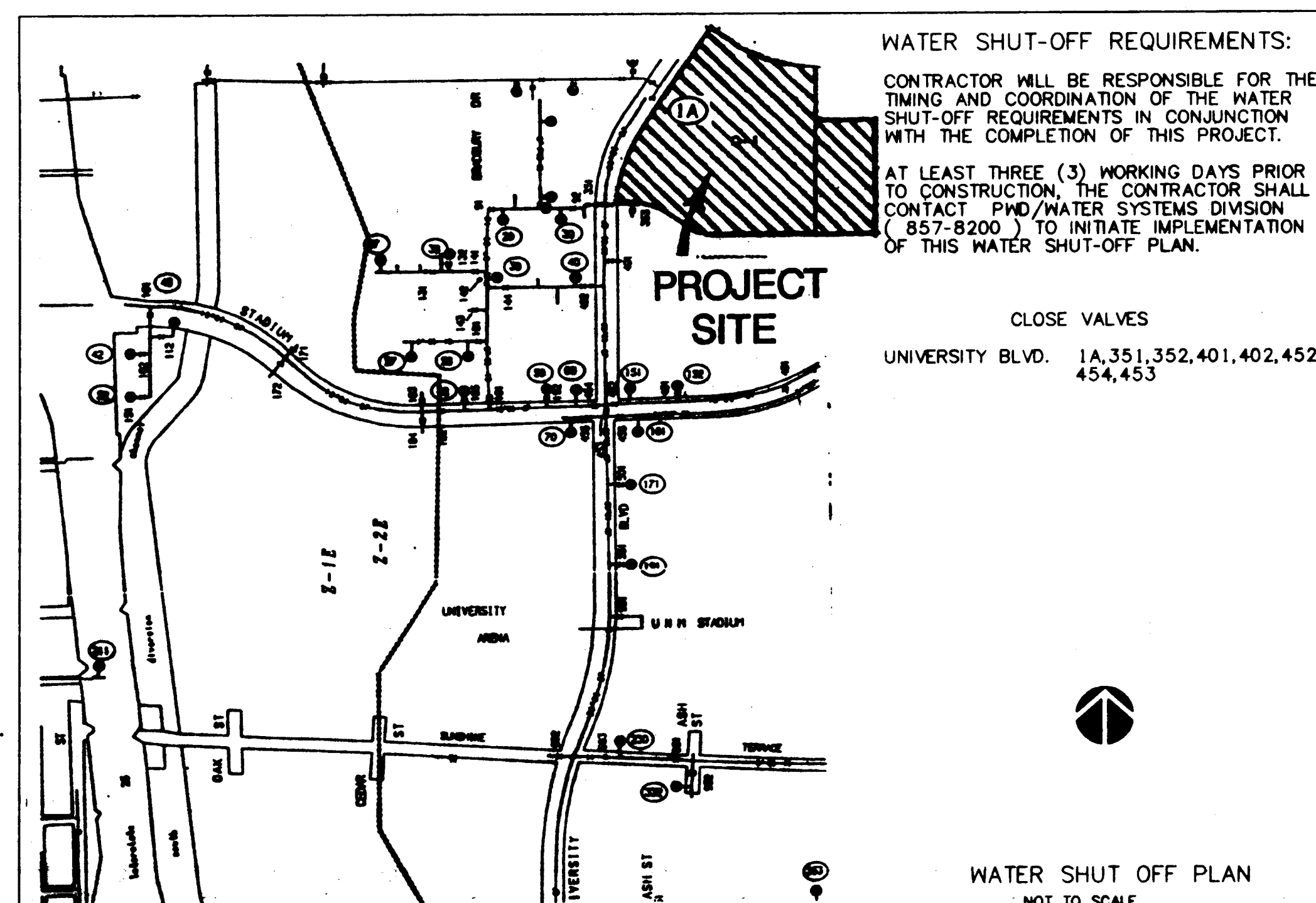


CONSTRUCTION PLANS FOR TVI STUDENT SERVICES CENTER ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
C3.2	OVERALL UTILITY PLAN
C3.3	UTILITY PLAN & PROFILE (LINE "A")
C3.4	UTILITY PLAN & PROFILE (LINE "B")
C3.5	UTILITY PLAN & PROFILE (LINE "C & D")



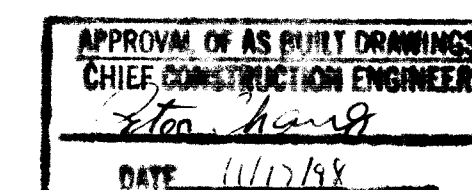
VICINITY MAP
NOT TO SCALE
MAP NO. L-15

NOTICE TO CONTRACTORS

- 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 EDITION, AS AMENDED THROUGH UPDATE #4.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY MONUMENT THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.



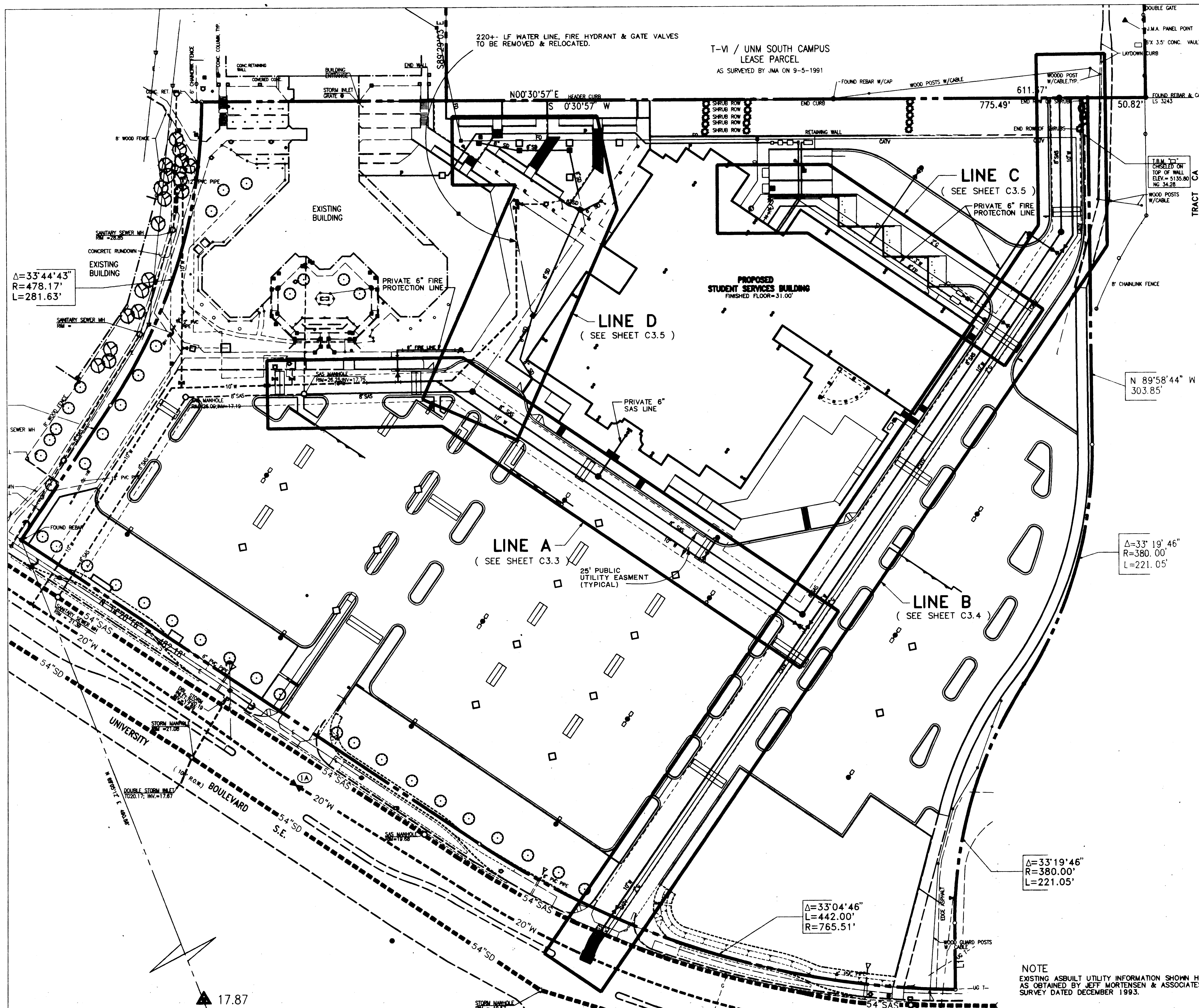
REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

APPROVAL OF REVISIONS

	BPLW Architects & Engineers, Inc. 2400 Louisiana Blvd. NE AFC #5 Suite 400 Albuquerque, New Mexico 87110 (505) 861-2798 <i>Designing to Shape the Future</i>		APPROVED FOR CONSTRUCTION <i>Paul B. BPLW 11/15/98</i> C.E.
	PROJECT NUMBER 4913.90	SHEET 1	OF 5

SCANNED BY
BY LASON

AS-BUILT



GENERAL NOTES:

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS & NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA & DIMENSIONS REFER TO FACE OF CURB AT FLOWLINE UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS RESPONSIBLE FOR ALL REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS & EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE INSPECTORS (CITY & PRIVATE) w/ A PROPOSED HYDRO STATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF TM, OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- REMOVAL OF THE EXISTING CURB & GUTTER OR VALLEY GUTTER SHALL BE AS PER COA STD DWG. 2415 (SAW CUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- THE COORDINATE VALUES SHOWN AT THE BEGINNING OF LINES "A"/"B" ARE DERIVED BY INTERSECTING THE PROPOSED UTILITY w/ THE APPROXIMATE ALIGNMENT OF THE EXISTING UTILITY. THE ACTUAL VALUE MAY VARY DUE TO THE UNDERGROUND ASBUILT LOCATION.
- THE DEMOLITION/CONSTRUCTION OF THE PAVING (i.e., TURNBAYS, DRIVEWAYS, BUS BAY & SIGNALIZATION) LOCATED IN THE CITY OF ALBUQUERQUE PROJECT # _____ UPON COMPLETION & FINDINGS OF THE TRAFFIC IMPACT STUDY.

LEGEND

	EXISTING GATE VALVE
	PROPOSED GATE VALVE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
	PROPOSED PIV
	EXISTING SAS MANHOLE
	PROPOSED SAS MANHOLE
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	EXISTING SANITARY SEWER
	PROPOSED SANITARY SEWER
	PROPOSED STORM DRAIN
	PROPOSED GAS MAIN
	EXISTING UTILITY ESMT
	PROPOSED UTILITY ESMT

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: TM STUDENT SERVICES CENTER OVERALL UTILITY PLAN	
APPROVALS	ENGINEER
DRC Chairman	8-15-94
Transportation	5-22-94
Hydrology	5-22-94
Parks & Rec.	5-22-94
DESIGNED BY	CC/HBM
DRAWN BY	HBM/CDC
CHECKED BY	URB
DATE	4-15-94
DATE	4-15-94
DATE	4-15-94

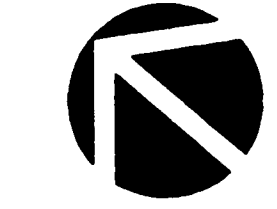
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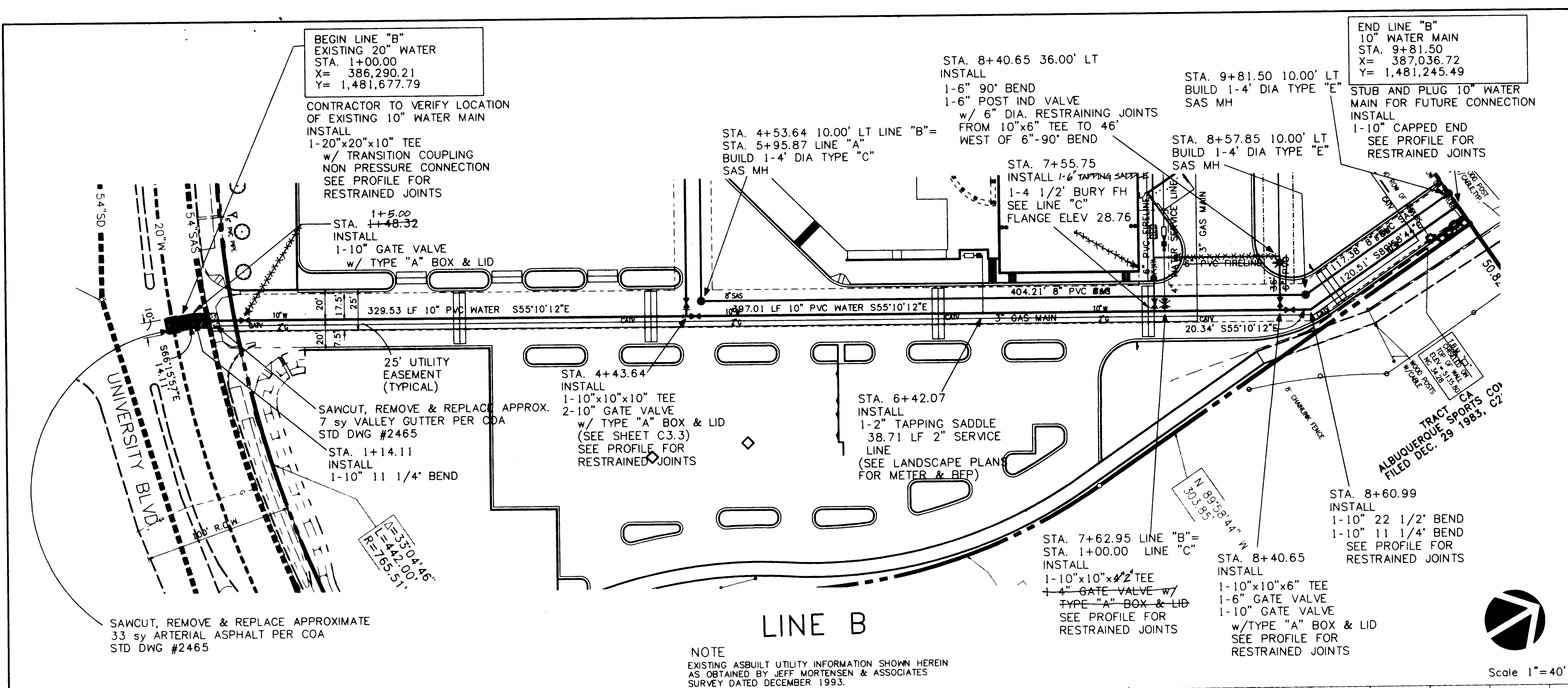
DRAWING NO.	4913.90	MAP NO.	L-15	SHEET	C3.2	OF	5
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NOTE
EXISTING ASBUILT UTILITY INFORMATION SHOWN HEREIN AS OBTAINED BY JEFF MORTENSEN & ASSOCIATES SURVEY DATED DECEMBER 1993.

SCANNED BY
BY LASON

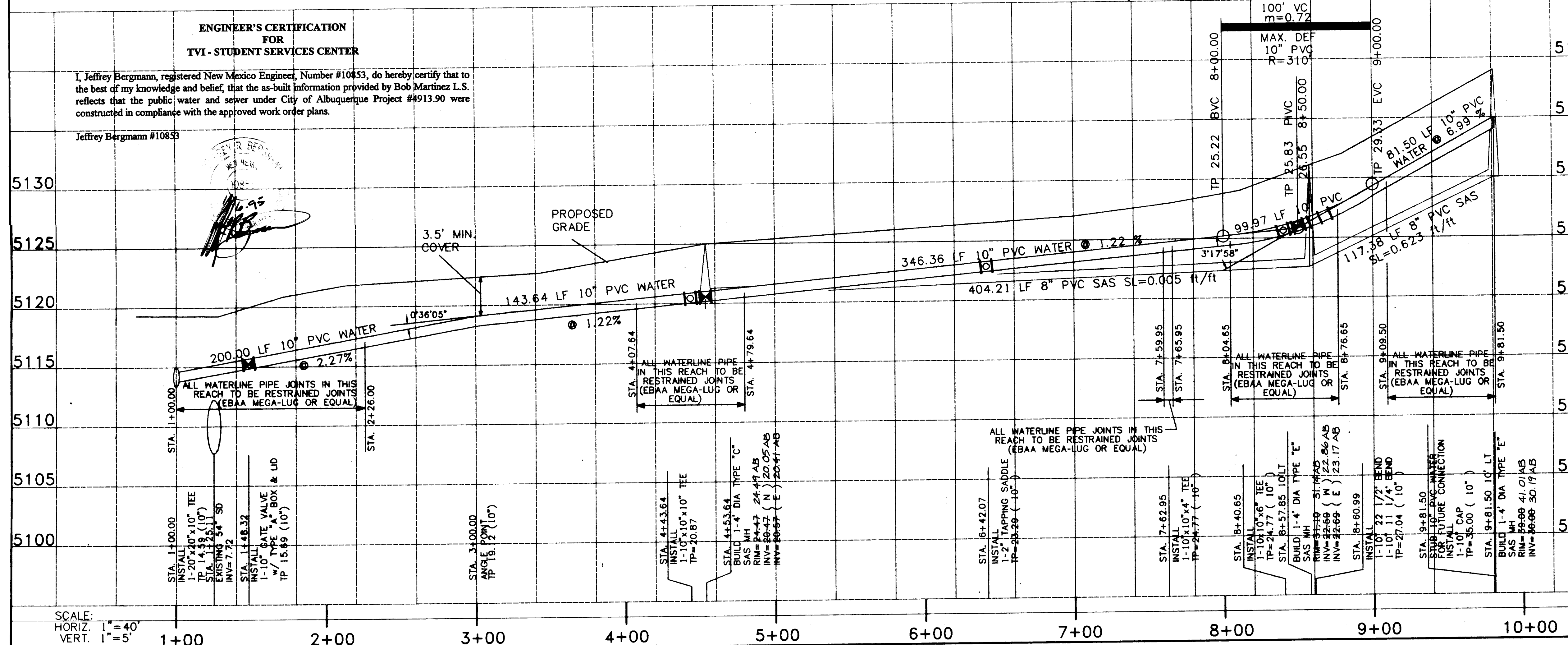
AS-BUILT





GENERAL NOTES:			
1.	THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS & NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.		
2.	ALL CURVE DATA & DIMENSIONS REFER TO FACE OF CURB AT FLOWLINE UNLESS OTHERWISE SPECIFIED.		
3.	CONTRACTOR IS RESPONSIBLE FOR ALL REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS & EXISTING LINES.		
4.	ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.		
5.	CONTRACTOR SHALL PROVIDE INSPECTORS (CITY & PRIVATE) w/ A PROPOSED HYDRO STATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.		
6.	CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF TVI, OR OTHER CONTRACTORS ON SITE.		
7.	ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.		
8.	REMOVAL OF THE EXISTING CURB & GUTTER OR VALLEY GUTTER SHALL BE AS PER COA STD DWG. 2415 (SAW CUT ONLY).		
9.	WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.		
10.	THE COORDINATE VALUES SHOWN AT THE BEGINNING OF LINES 'A'/'B' ARE DERIVED BY INTERSECTING THE PROPOSED UTILITY w/ THE APPROXIMATE ALIGNMENT OF THE EXISTING UTILITY. THE ACTUAL VALUE MAY VARY DUE TO THE UNDERGROUND ASBUILT LOCATION.		

AS BUILT INFORMATION		BENCH MARKS	
CONTRACTOR	MURKIN INC.	STATION	11-15-5
DATE	6-95	SET IN A CONCRETE POST FLUSH w/ THE GROUND TO REACH THE	
APPROVED BY	JEFF MORTENSEN	STATION FROM THE INTERSECTION OF CENTRAL AVE. AND UNIVERSITY	
DATE	11-95	BLVD. GO SOUTH ON UNIVERSITY BLVD. .7 MILES TO THE CROSSING	
APPROVED BY	BPLW INC.	OF AN OVERHEAD ELECTRIC TRANSMISSION LINE. THE STATION IS	
DATE	11-95	ABOUT 250 FEET WEST OF THIS POINT.	
RECORDED BY		ELEVATION: 5117.82 FEET (M.S.L.D.)	
DATE		T.B.M.: A "D" CHISELED ON TOP OF WALL AS SHOWN ON PLANS.	
		ELEVATION: 5135.00 FEET (M.S.L.D.)	



LEGEND

RIM = 24.47
24.47 AB

AS-BUILT ELEVATION

EXISTING GATE VALVE

PROPOSED GATE VALVE

EXISTING FIRE HYDRANT

PROPOSED FIRE HYDRANT

PROPOSED PIV

EXISTING SAS MANHOLE

PROPOSED SAS MH

EXISTING WATER MAIN

PROPOSED WATER MAIN

EXISTING SANITARY SEWER

PROPOSED SANITARY SEWER

PROPOSED STORM DRAIN

PROPOSED GAS MAIN

EXISTING UTILITY ESMT

PROPOSED UTILITY ESMT

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	4-94	DESIGN
2	4-94	DESIGN
3	4-94	DESIGN

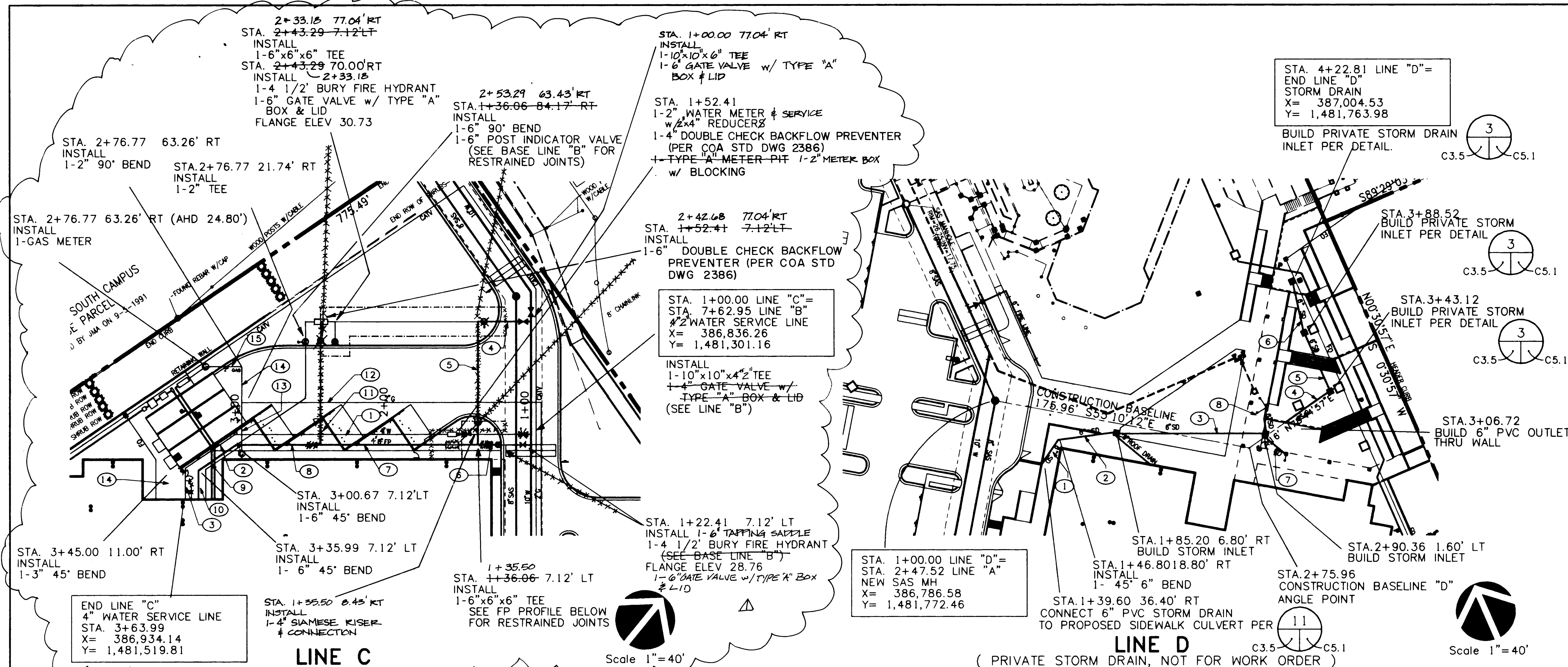
DESIGNED BY: GCL/HBM
DRAWN BY: CDC/HBM
CHECKED BY: JRB

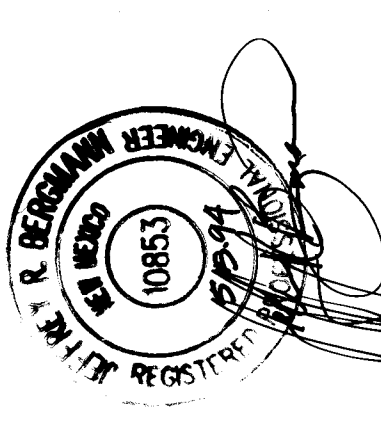
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TVI STUDENT SERVICES CENTER
UTILITY PLAN & PROFILE LINE "B"

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chairman	B. J. Boudley	8-15-94	Water	R.W. Kame	5-23-94
Transportation	1. Kame	5-23-94	Waste Water	R.W. Kame	5-23-94
Hydrology	2. J. Kame	5-23-94			
Parks & Rec.	3. J. Kame	5-23-94			

DRAWING NO. 4913.90 MAP NO. L-15 SHEET C3.4 OF 5



LINE "C"										AS BUILT INFORMATION									
SERVICE LINE SCHEDULE										CONTRACTOR MIPCON INC.									
4" WATER SERVICE LINE "C"										WORKS STATION BY MIPCON INC. DATE 6-95									
① 201.56 LF 4" PVC N34°49'48"E										MIPCON INC. DATE 11-95									
② 40.90 LF 4" PVC N00°35'37"E										MIPCON INC. DATE 11-95									
③ 21.53 LF 4" PVC N55°10'12"W										MIPCON INC. DATE 11-95									
6" FIRELINE										MICRO-FILM INFORMATION									
④ 36.00 LF 6" PVC FIRELINE										RECORDED BY NO.									
⑤ 84.17 LF 6" PVC FIRELINE																			
⑥ 13.65 LF 6" PVC FIRELINE																			
⑦ 107.23 LF 6" PVC FIRELINE																			
⑧ 13.28 LF 6" PVC FIRELINE																			
⑨ 57.38 LF 6" PVC FIRELINE																			
⑩ 31.61 LF 6" PVC FIRELINE																			
⑪ 77.12 LF 6" PVC FIRELINE																			
2" GAS MAIN										BENCH MARKS									
⑫ 183.77 LF 2" GAS MAIN										THE STATION IS A STANDARD ACS BRASS TAPLET STAMPED "X15-5"									
⑬ 84.20 LF 2" GAS MAIN										SET IN A CONCRETE POST FLUSH W/ THE GROUND. TO REACH THE									
⑭ 18.91 LF 2" GAS MAIN										STATION FROM THE INTERSECTION OF CENTRAL AVE AND UNIVERSITY									
⑮ 24.40 LF 2" GAS MAIN										BLVD. GO SOUTH ON UNIVERSITY BLVD. .7 MILES TO THE CROSSING									
⑯ 24.80 LF 2" GAS MAIN										OF AN OVERHEAD ELECTRIC TRANSMISSION LINE. THE STATION IS									
										ABOUT 250 FEET WEST OF THIS POINT.									
										ELEVATION: 5117.82 FEET (M.S.L.D.)									
										T.B.M.: A "D" CHISELED ON TOP OF WALL AS SHOWN ON PLANS.									
										ELEVATION: 5135.80 FEET (M.S.L.D.)									
LINE "D"										SURVEY INFORMATION									
STORM DRAIN SCHEDULE										FIELD NOTES									
6" PVC STORM										BY MORTENSEN & ASSOC. DEC 93									
① 19.56 LF 6" PVC										NO. 1									
② 40.06 LF 6" PVC																			
③ 101.48 LF 6" PVC																			
④ 36.40 LF 6" PVC																			
⑤ 45.40 LF 6" PVC N00°32'43"E																			
⑥ 34.29 LF 6" PVC N12°8'58"E																			
⑦ 19.05 LF 6" PVC																			
⑧ 26.50 LF 6" PVC																			
REFER TO SHEET 3.3 FOR GENERAL NOTES.																			
LEGEND										ENGINEER'S SEAL									
✶ EXISTING GATE VALVE																			
✶ PROPOSED GATE VALVE																			
✶ EXISTING FIRE HYDRANT																			
✶ PROPOSED FIRE HYDRANT																			
✶ PROPOSED PIV																			
○ EXISTING SAS MANHOLE																			
● EXISTING SAS MY																			
— 20" W — EXISTING WATER MAIN																			
— 10" W — PROPOSED WATER MAIN																			
- - 8" SAS - - EXISTING SANITARY SEWER																			
8" SAS PROPOSED SANITARY SEWER										REVISIONS									
8" SD PROPOSED STORM DRAIN										DESIGN									
G PROPOSED GAS MAIN										DATE 4-94									
- - - - - EXISTING UTILITY ESMT										DRAWN BY CCJ/HBM									
- - - - - PROPOSED UTILITY ESMT										CHECKED BY JRB									
TP TOP OF PIPE										DESIGNED BY									
TOG TOP OF GRATE										DATE 4-94									
																			
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP																			
TITLE: TVM STUDENT SERVICES CENTER UTILITY PLAN & PROFILE LINE "C & D"																			
APPROVALS		ENGINEER		DATE		APPROVALS		ENGINEER		DATE									
DRC Chairman		A. E. Hardy		8-15-94		Water		R. W. Kano		5-23-94									
Transportation		P. L. Kano		5-26-94		Waste Water		R. W. Kano		5-23-94									
Hydrology		R. W. Kano		5-23-94				R. W. Kano		10-30-95									
Parks & Rec.																			
DRAWING NO. 4913.90				MAP NO. L-15				SHEET C3.5 OF 5											