

SOUTHWEST DISTRIBUTING CO.

10" WATERLINE LOOP

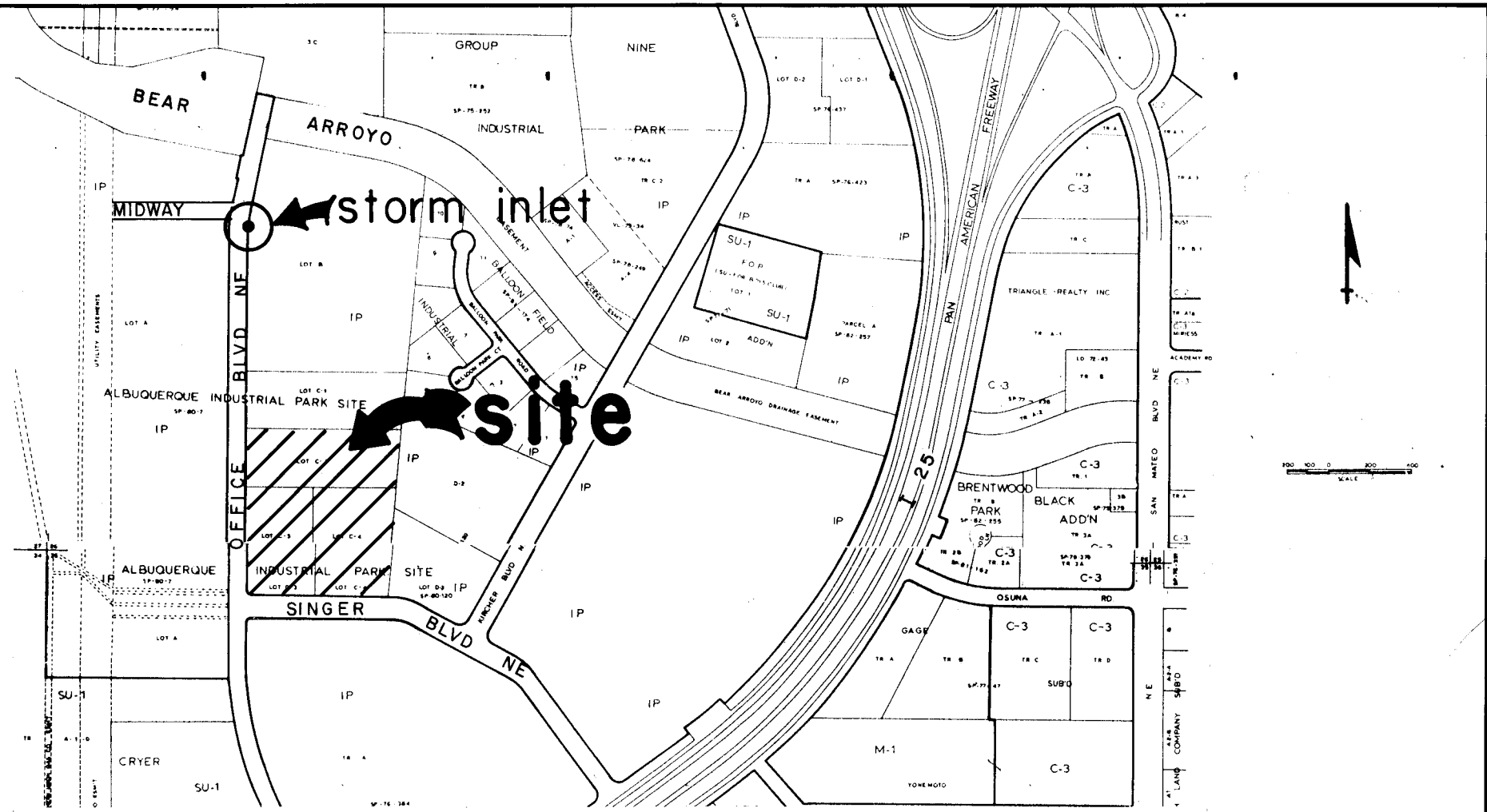
3 FIRE HYDRANTS

PAVEMENT WIDENING - OFFICE BLVD.

STORM DRAIN INLET -
MIDWAY & OFFICE BLVD.

SHEET INDEX	
SHEET	DESCRIPTION
1 OF 7	COVER SHEET
2 OF 7	PLAT SHEET
3 OF 7	INDEX & EASEMENTS
4 OF 7	10" WATERLINE LOOP & 6" EXTENSION/3 FIRE HYDRANTS
5 OF 7	PAVEMENT WIDENING/2 DRIVE PADS - OFFICE BLVD. N.E.
6 OF 7	STORM DRAIN INLET - OFFICE BLVD. & MIDWAY N.E.
7 OF 7	TRAFFIC CONTROL & VALVE SHUT OFF PLAN

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
[Signature]
DATE 2/6/39



VICINITY MAP E / F - 17

- NOTICE TO CONTRACTOR:
- 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 STND).
 - TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
 - 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.
 - ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
 - 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.
 - 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.
 - 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.
 - REFERENCE MADE TO STANDARD DRAWINGS REFER TO ALBUQUERQUE STANDARD DRAWINGS.
 - CURB AND GUTTER SHOWN AS 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.
 - WHEN CONSTRUCTION UNDER THIS PROJECT CONNECTS TO EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL PROVIDE AN EASY RIDING CONNECTION.
 - ALL FITTINGS ON WATERLINES SHALL HAVE CONCRETE BLOCKING IN ACCORDANCE WITH CITY STD. DWG. 2320, EXCEPT WHERE SPECIFICALLY INDICATED TO HAVE LOCKED MECHANICAL JOINTS.

NOTE:
NOTICE TO CONTRACTOR NOTES CONTINUE ON SHEET 2 OF 5

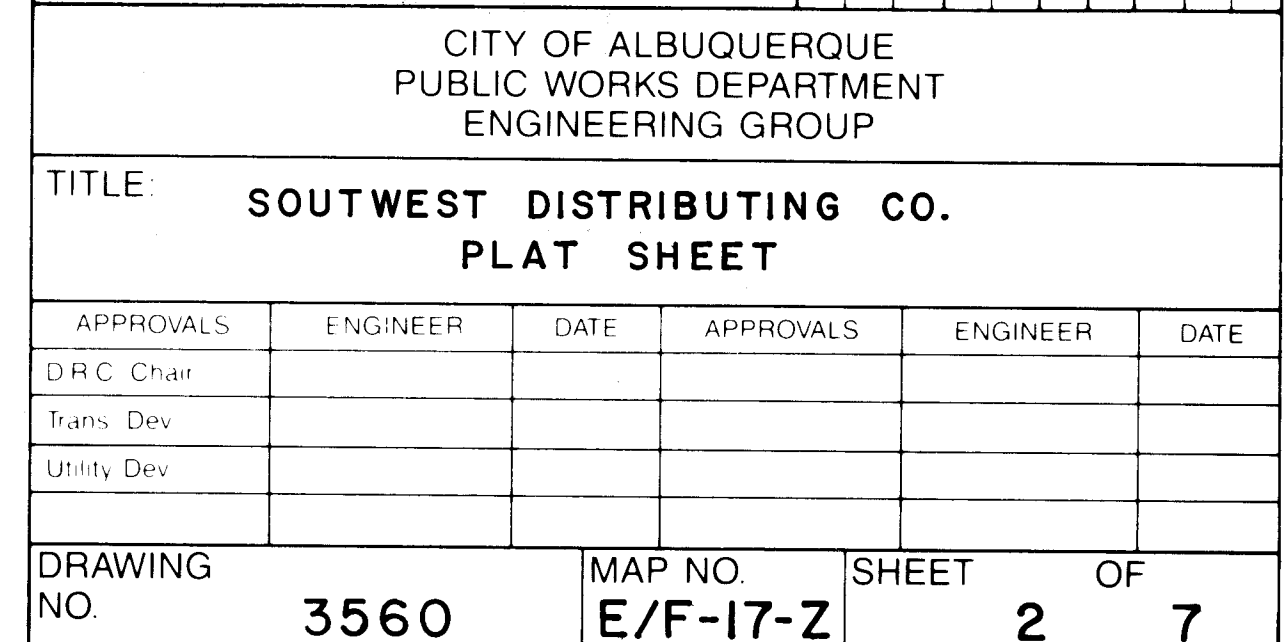
26 356 00189

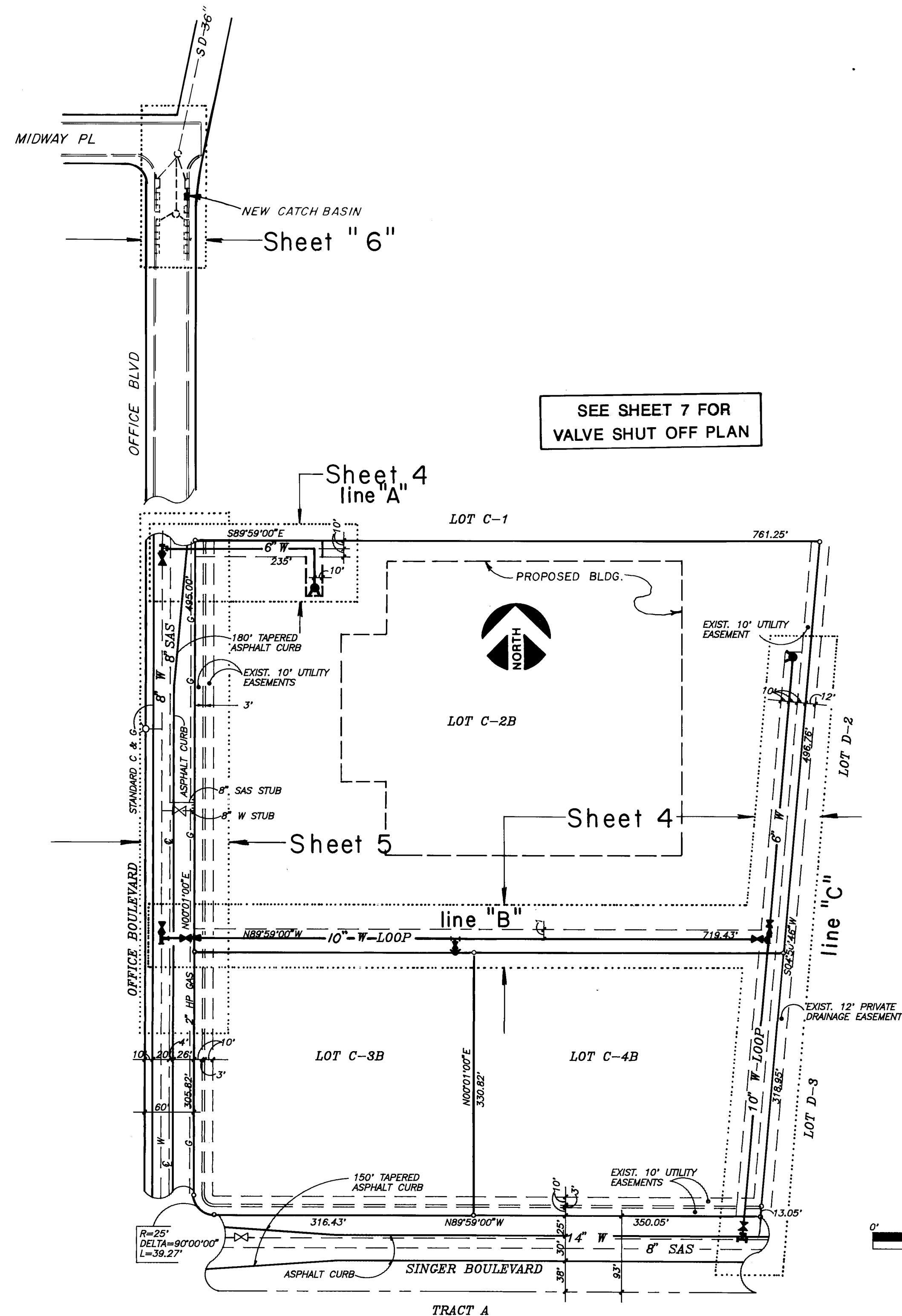
REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
APPROVAL OF REVISIONS									



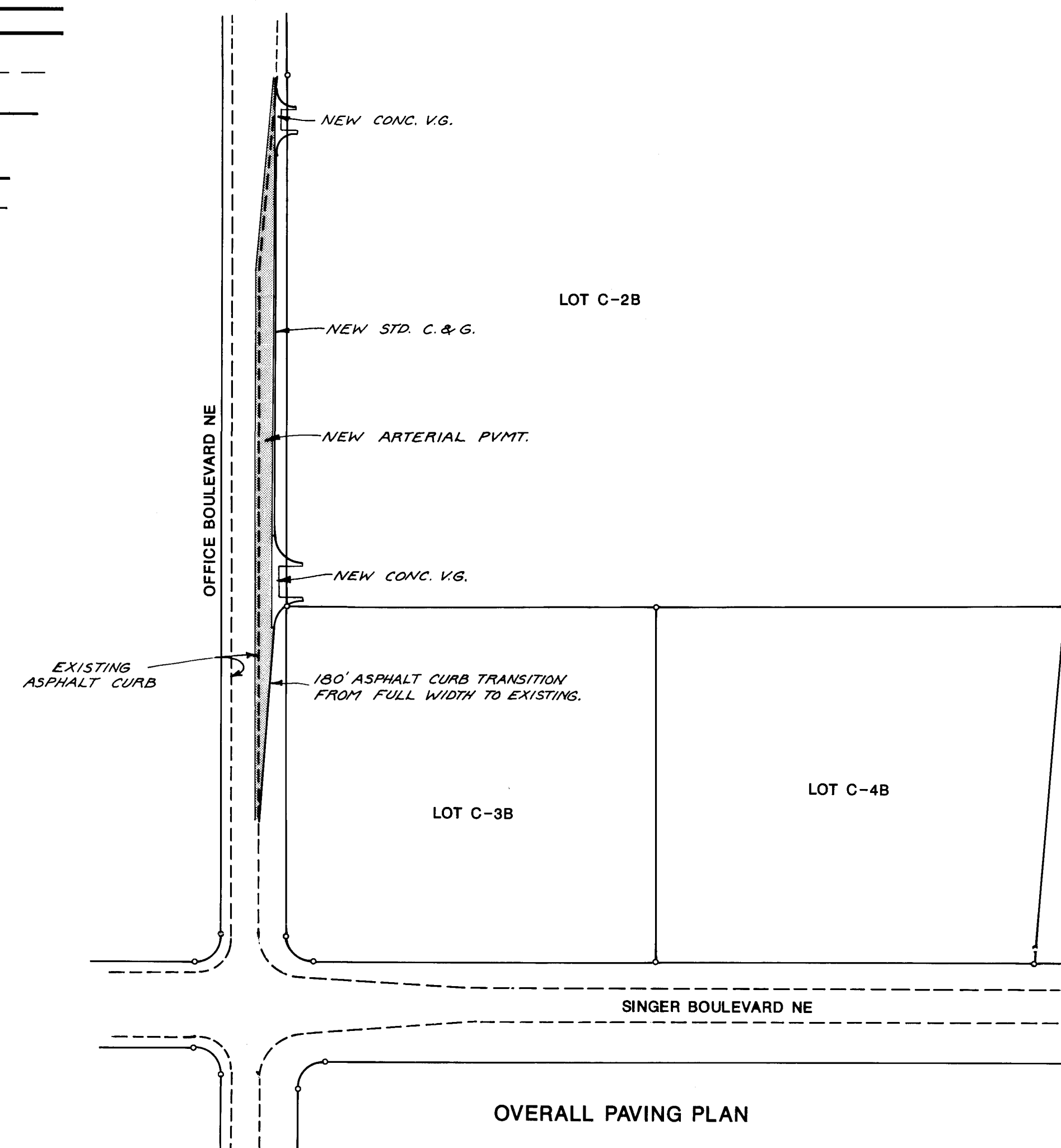
CHAVEZ / GRIEVIES CONSULTING ENGINEERS, INC.
4600 Montgomery N.E.
Building C, Suite 101
Albuquerque, N.M. 87109
(505) 881-7376

APPROVED FOR CONSTRUCTION
[Signature]
PROJECT NO. 3560
SHEET 1 OF 7





OVERALL UTILITY PLAN



OVERALL PAVING PLAN

- NOTE:
NOTICE TO CONTRACTOR NOTES CONTINUED FROM SHEET 1 OF 5
15. ELECTRONIC MARKER DISCS SHALL BE PLACED IN ACCORDANCE WITH SECTION 170 OF THE CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION.
 16. WATERLINES SHALL HAVE A MINIMUM COVER OF 3' UNLESS OTHERWISE NOTED.
 17. FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STD. DWG. 2340.
 18. WATERLINE CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY STD. DWG. 2301.
 19. VALVE BOXES SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY STD. DWG. 2325 04 2326.
 20. MAXIMUM DEFLECTION FOR 10" PVC WATERLINE IS 3-1/2 DEGREES PER LENGTH OF PIPE JOINT.
 21. STATIONING IS AT CENTERLINE OF NEW WATERLINE.
 22. 6" SERVICE CONNECTIONS TO 10" OR LARGER VCP (NEW OR EXISTING) SHALL BE THROUGH TAPPING SADDLES.
 23. ALL CONSTRUCTION WITHIN CITY R.O.W. OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY OF ALBUQUERQUE AND PREPARED BY CHAVEZ-GRIEVES CONSULTING ENGINEERS.
 24. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE.
 25. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
 26. BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
 27. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A PERMIT TO CONSTRUCT FACILITIES WITHIN CITY RIGHT-OF-WAY.
 28. CONTRACTOR SHALL PROVIDE 12" SUBGRADE PREPARATION UNDER ALL NEW PAVEMENT, CURBS AND GUTTERS, VALLEY GUTTERS AND CONCRETE FILLETS.
 29. WHEN ABUTTING NEW PAVEMENT TO EXISTING, CUT BACK EXISTING PAVEMENT TO A NEAT, STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT, AND MATCH NEW TO EXISTING.
 30. CONTRACTOR MUST SUBMIT A CONSTRUCTION SIGNING AND BARRICADING PLAN TO TRAFFIC ENGINEERING DIVISION AND RECEIVE A BARRICADING PERMIT PRIOR TO CONSTRUCTION.
 31. ALL CONSTRUCTION SIGNING AND BARRICADING TO COMPLY WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 1978 EDITION.
 32. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE WATER SYSTEMS DIVISION (823-4200) AT LEAST TWO (2) WORKING DAYS PRIOR TO THE EXECUTION OF THE WATER VALVE SHUT OFF PLAN SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL NOT OPERATE ANY VALVES ON PUBLIC WATER SYSTEMS.

LEGEND	
EXISTING	
PROPERTY LINE	---
EASEMENT	---
SANITARY SEWER	--- SAS ---
WATER LINE	--- W ---
FIRE HYDRANT	⊗
GATE VALVE	⊗
CATCH BASIN	⊗
REDUCER	⊗

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORKED BY	DATE
1	J.L. Bordenave, A.S.C.E., M.A.S.T.	1/1/87	The Station Mark is a Standard BLM Brass Cap Stamped 9C 2133	INSPECTED BY	DATE
2			Located 253' East of the North Diverston Channel and 0.55 Miles South of Osuna Road. Elev in feet = 5110.406.	FIELD BY	DATE
3				DRAWINGS BY	DATE
4				CHECKED BY	DATE
5				RECORDED BY	DATE
6				NO	

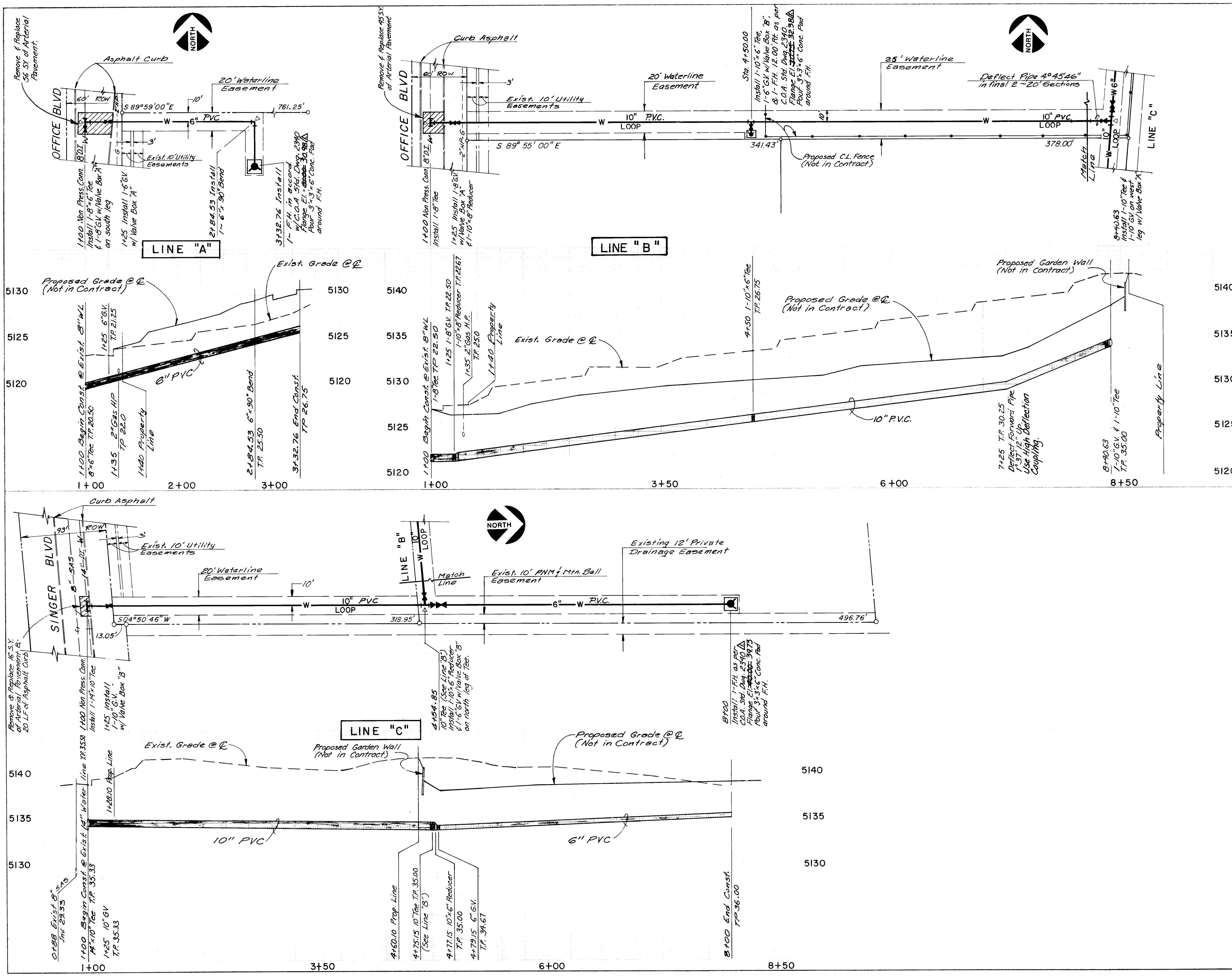
ENGINEER'S SEAL		REVISIONS		DESIGN	
NO.	DATE	REMARKS	BY	DESIGNED BY	DATE
1				JST	June 88
2				WJC	June 88
3					
4					
5					
6					
7					
8					
9					

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTHWEST DISTRIBUTING CO.
OVERALL UTILITY AND PAVING PLANS

APPROVALS	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	7/20/88			
Trans. Dev				
Utility Dev	7/20/88			

DRAWING NO. 3560 MAP NO. E/F-17-Z SHEET 3 OF 7



26 35600489

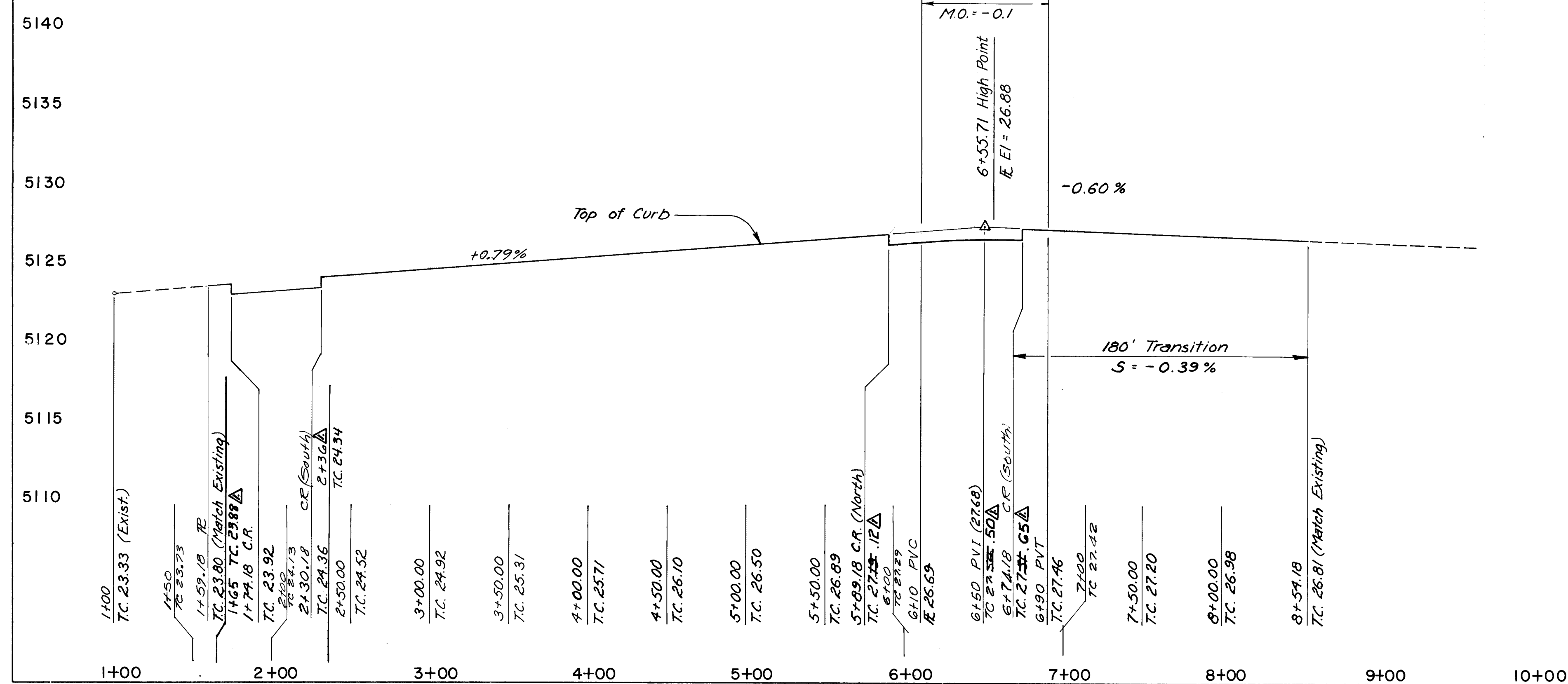
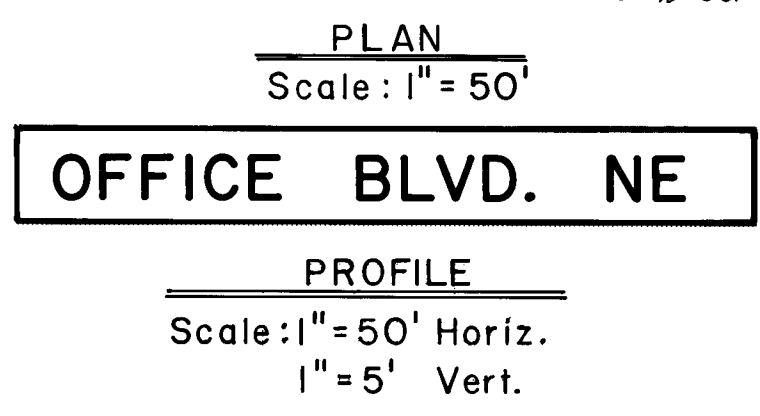
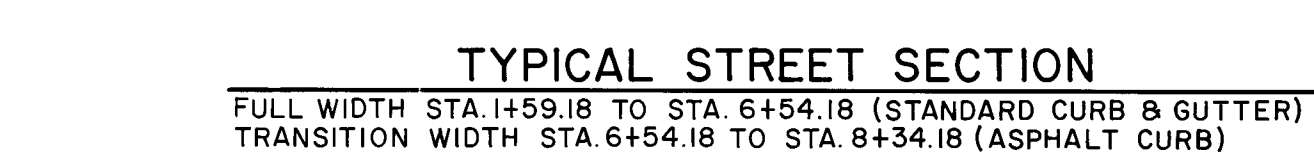
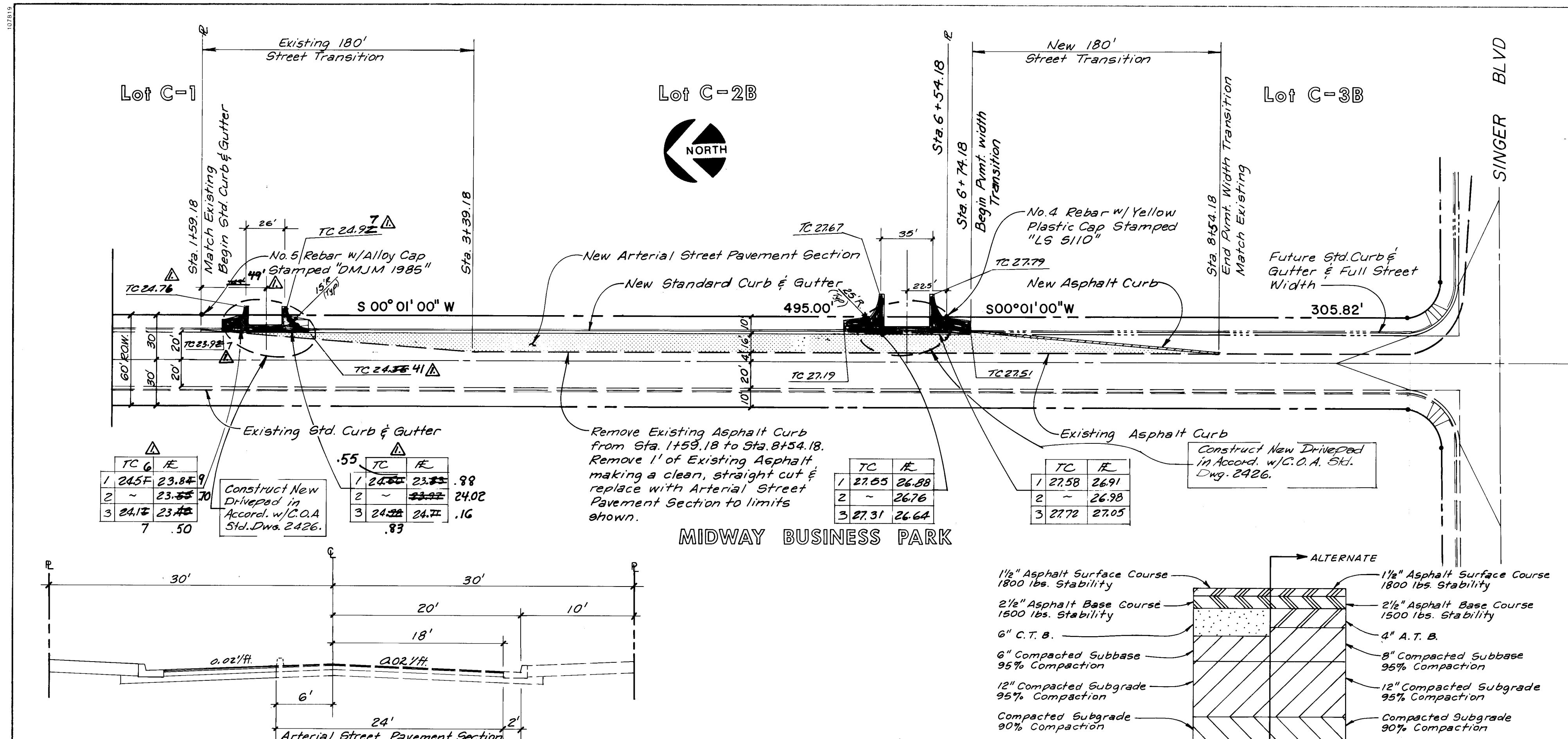
SCALE
HORIZ: 1" = 50'
VERT: 1" = 5'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE: SOUTHWEST DISTRIBUTING CO.
10" WATERLINE LOOP - 6" WATERLINE EXTENSION
3 FIRE HYDRANTS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	8/15/88	liquid Waste	<i>[Signature]</i>	7/26/88
A.C.E. - Design	<i>[Signature]</i>	8/15/88	Traffic	<i>[Signature]</i>	8/15/88
A.C.E. - Hydrology	<i>[Signature]</i>	8/15/88	Water	<i>[Signature]</i>	7/26/88

DRAWING NO. 3560 MAP NO. E/F-17-Z SHEET 4 OF 7

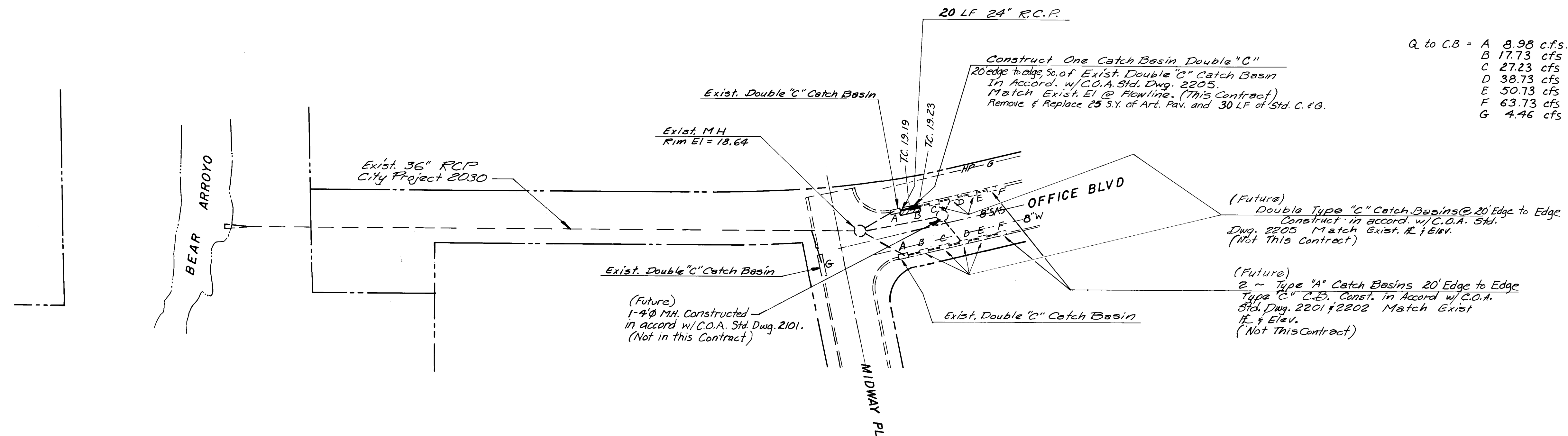
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
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1-1	Baronessa, Abq, NM	Jan 87	J.V.C.	8/2/88	J.V.C.
The Station Mark is a Standard BLM Brass Cap Stamped S C 3433		The Station Mark is a Standard BLM Brass Cap Stamped S C 3433		The Station Mark is a Standard BLM Brass Cap Stamped S C 3433	
Located 253' East of the North Diversion Channel and 0.55 Miles South of Osuna Road. Elev in feet = 5110.406.		Located 253' East of the North Diversion Channel and 0.55 Miles South of Osuna Road. Elev in feet = 5110.406.		Located 253' East of the North Diversion Channel and 0.55 Miles South of Osuna Road. Elev in feet = 5110.406.	
ENGINEER'S SEAL		ENGINEER'S SEAL		ENGINEER'S SEAL	
<i>[Signature]</i>		<i>[Signature]</i>		<i>[Signature]</i>	
DATE June 88		DATE June 88		DATE June 88	
DRAWN BY J.V.C.		DRAWN BY J.V.C.		DRAWN BY J.V.C.	
DATE June 88		DATE June 88		DATE June 88	
REVISIONS		REVISIONS		REVISIONS	
DESIGN		DESIGN		DESIGN	
REMARKS		REMARKS		REMARKS	
Revised from as-built information. EU		Revised from as-built information. EU		Revised from as-built information. EU	
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REMARKS		REMARKS			



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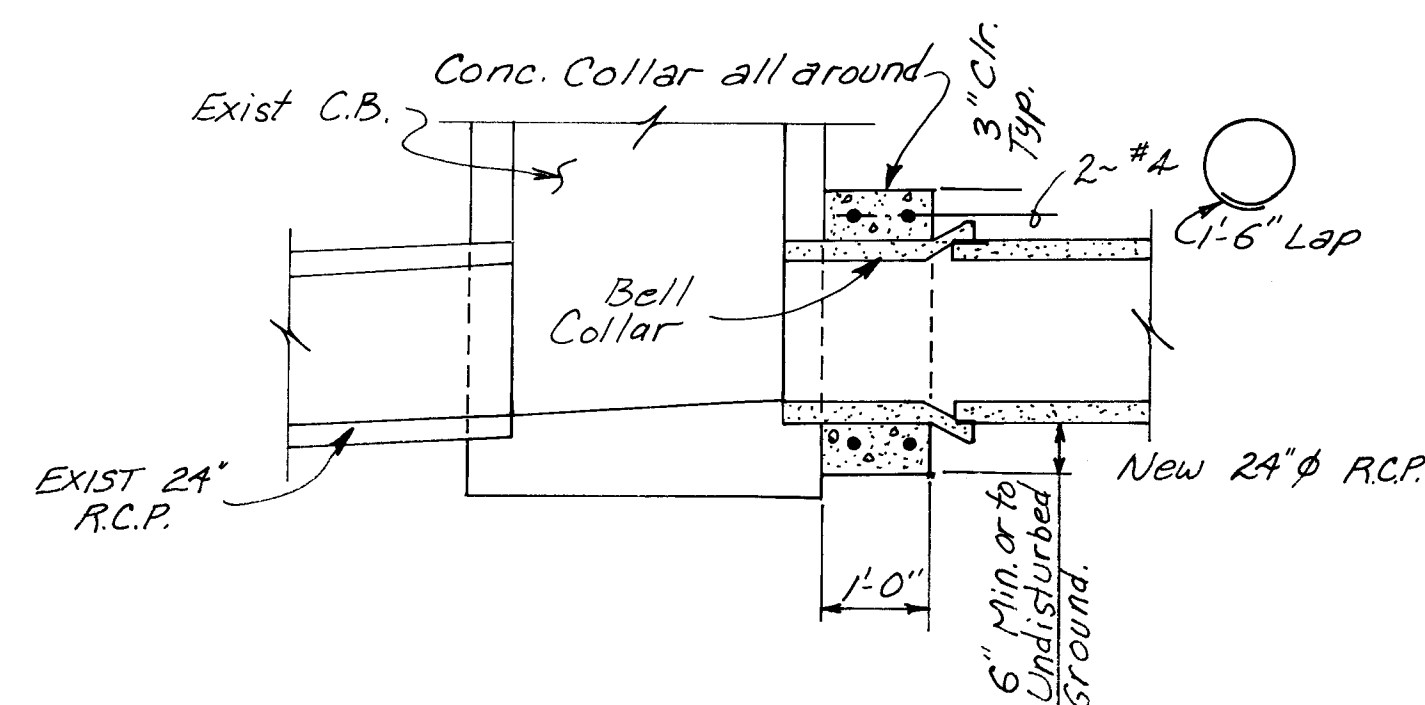
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE: SOUTHWEST DISTRIBUTING CO. PAVING PLAN & PROFILE / DRIVEPADS OFFICE BOULEVARD NE			
APPROVALS	ENGINEER	DATE	APPROVALS
DR/C Chair	<i>[Signature]</i>	8/15/88	<i>[Signature]</i>
Trans. Dev			
Utility Dev		7/20/88	
DESIGNED BY JSM		DATE 5/88	
DRAWN BY JAH		DATE 5/88	
CHECKED BY VJC		DATE 5/88	
REVISIONS		DESIGN	
NO.	DATE	REMARKS	BY
1	2/89	Revised from as-built information	EN

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACT NO. SUNDANCE		The Station Mark is a Standard BLM Brass Cap Stamped SC 2135		FIELD NOTES		[Seal]	
DATE 2/89		Located 253' East of the North Diversion Channel and 0.55 Miles South of Osuna Road. Elev in feet = 5110.406.		NO. 1		[Signature]	
DRAWN BY EN		MICRO-FILM INFORMATION		DATE 5/88		[Signature]	
RECORDED BY		NO.		DATE 5/88		[Signature]	

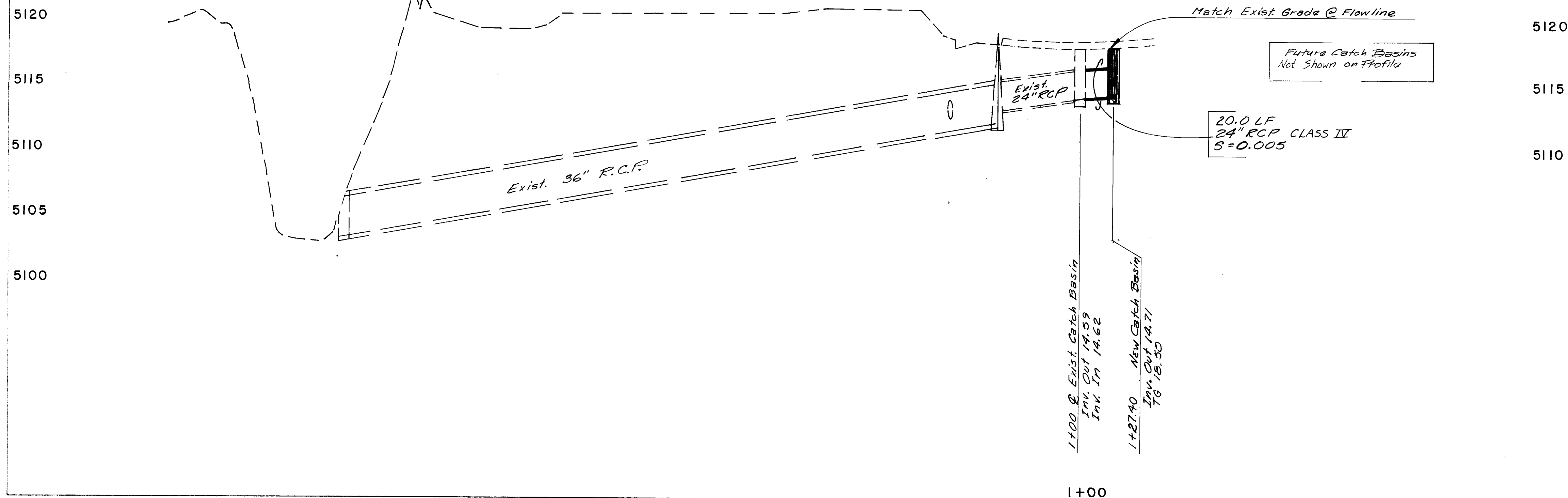


Q to C.B. =

A	8.98 cfs
B	17.73 cfs
C	27.23 cfs
D	38.73 cfs
E	50.73 cfs
F	63.73 cfs
G	4.46 cfs



CATCH BASIN
@ OFFICE BLVD



26 35 6.00 68 9

SCALE
HORIZ: 1" = 50'
VERT: 1" = 5'

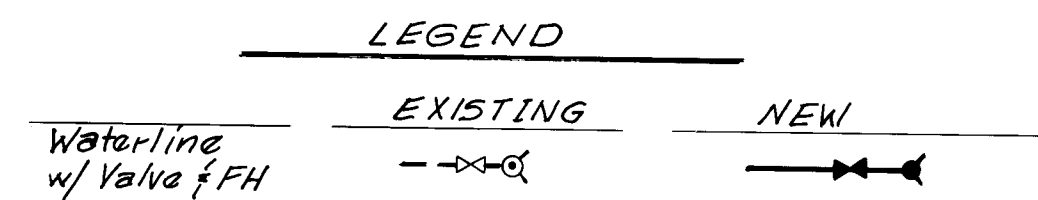
SOUTHWEST DISTRIBUTING CO.
CATCH BASIN
OFFICE BLVD & MIDWAY PLACE

8/15/00 Highway Regeneration
7/20/88

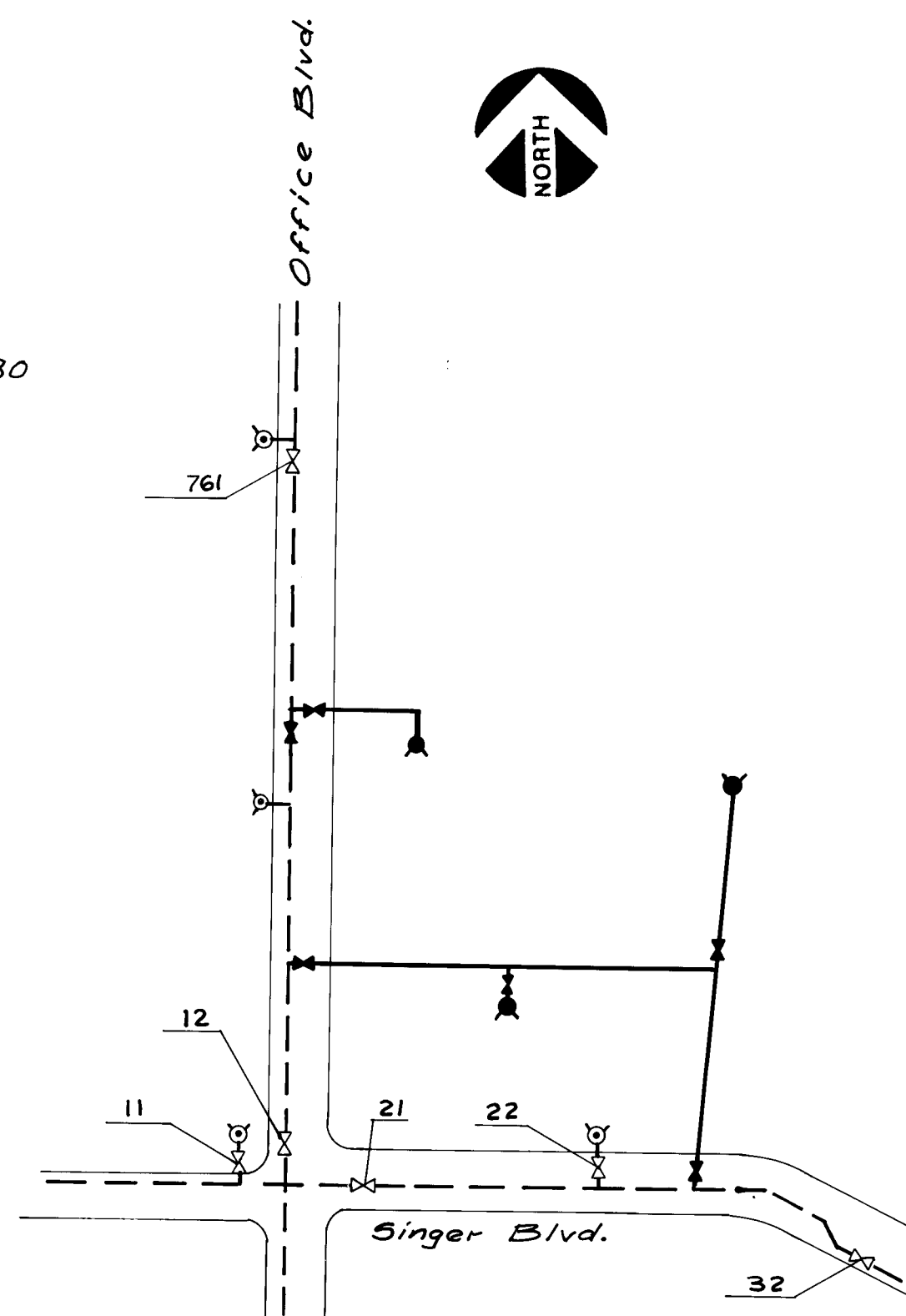
INFORMATION
The Station Mark is a Standard BLM
Bress Cap Stamped SC 3435
Located 253' East of the North Division
Channel and 0.55 Miles South of
Osuna Road. Elev in feet = 5110.406.

REMARKS
BY
DATE
7/20/88
K.S.C.

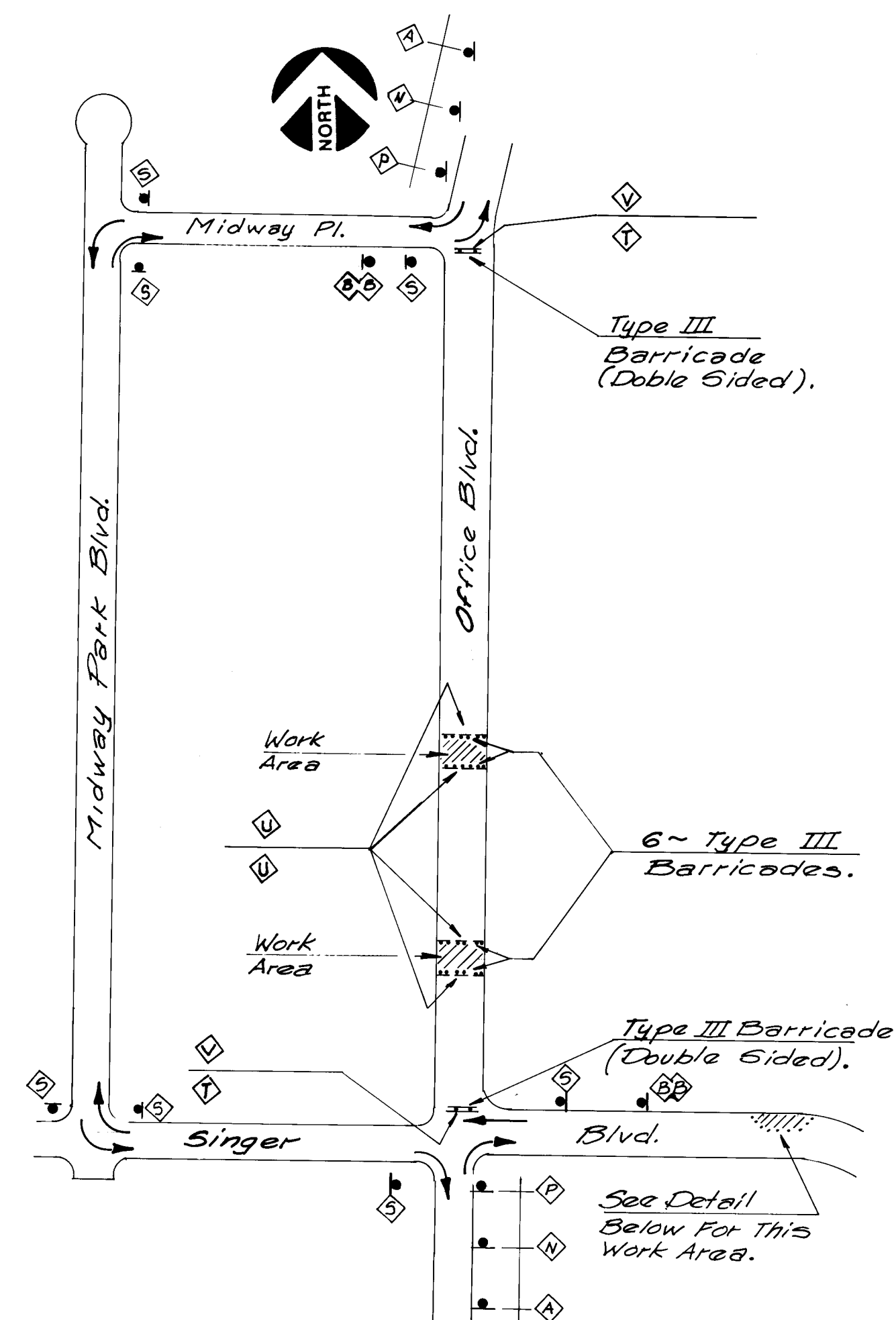
For installation of Waterlines on Office Blvd,
close Valves 12 and 761.
For installation of waterline on Singer Blvd,
close Valves 21 and 32.
Contractor must notify Line Maintenance @ 823-4230
2 Working Days prior to shutdown.



Note: Valve Location Map Prepared
From Water Maps Prepared
By C.O.A. Dwg's # F-17N & E-17S.



VALVE SHUT OFF PLAN

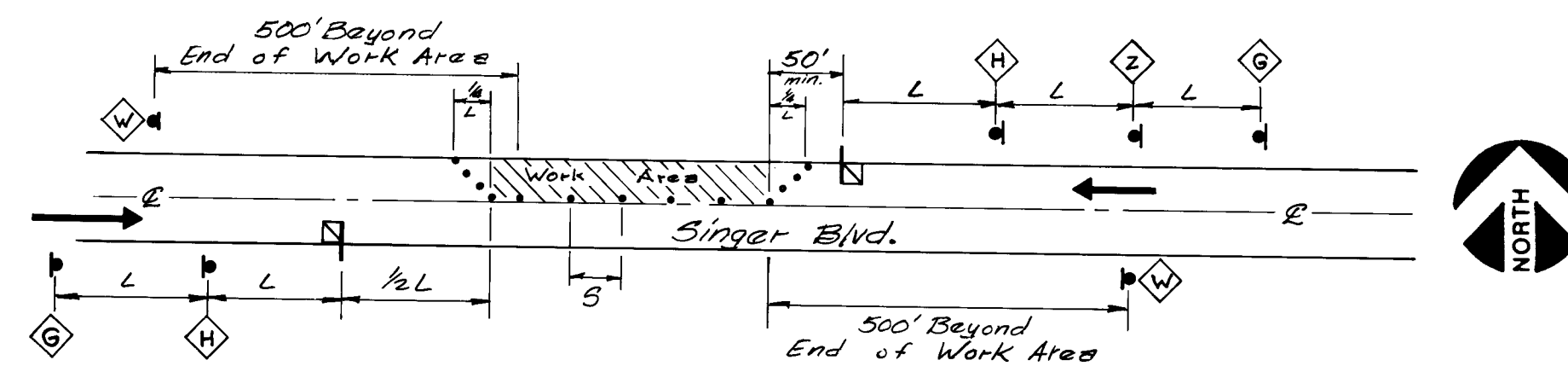
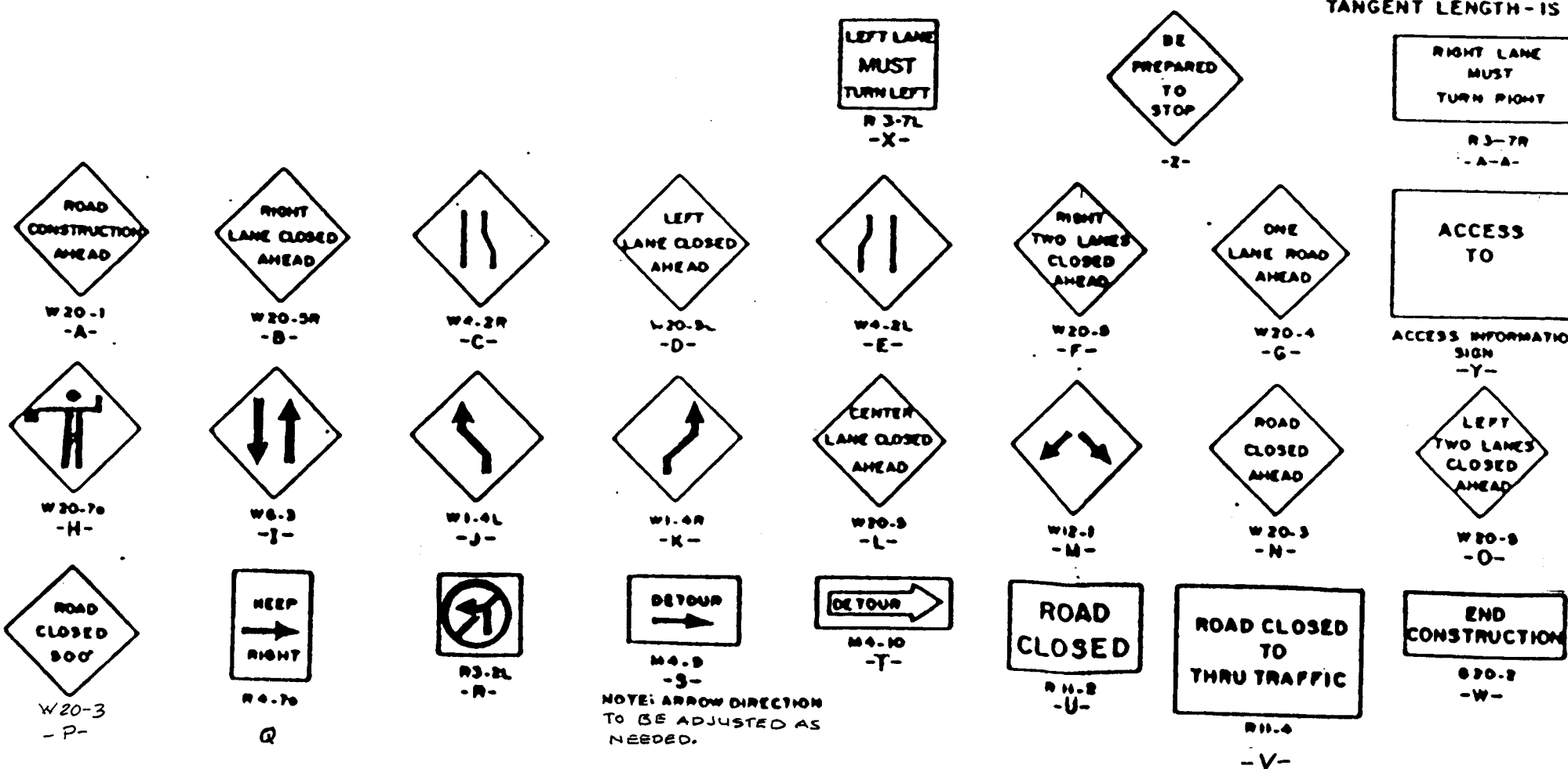


TRAFFIC CONTROL

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

WORK AREA	
	TRAFFIC SIGN & QUANTITY (SEE THIS SHEET FOR DESIGNATION)
•	BARRICADE - TYPE I, TYPE II, OR BARREL
†	BARRICADE - TYPE III
x	VERTICAL PANEL
‡	WARNING SIGN
L	DISTANCE BETWEEN SIGNS-A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
	FLAGMAN POSITION
S	SPACING BETWEEN BARRICADES-A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET

TANGENT LENGTH - IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET



TRAFFIC CONTROL

				ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
						FIELD NOTES					
						NO.		BY		DATE	
										CONTRACTOR	
										WORK ORDERED BY	
										DATE	
										ACCEPTANCE BY	
										DATE	
										FIELD VERIFICATION BY	
										DATE	
										DRAWINGS	
										CHECKED BY	
										DATE	
										MICRO-FILM INFORMATION	
										RECORDED BY	
										DATE	
										NO	

26 35600789

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTHWEST DISTRIBUTING CO.
TRAFFIC CONTROL & VALVE SHUT OFF PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C Chair	<i>[Signature]</i>	2/15/93			
Trans. Dev.	<i>[Signature]</i>				
Utility Dev.	<i>[Signature]</i>	7/20/88			

DRAWING NO.	3560	MAP NO.	F/E-17-Z	SHEET	7	OF	7
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