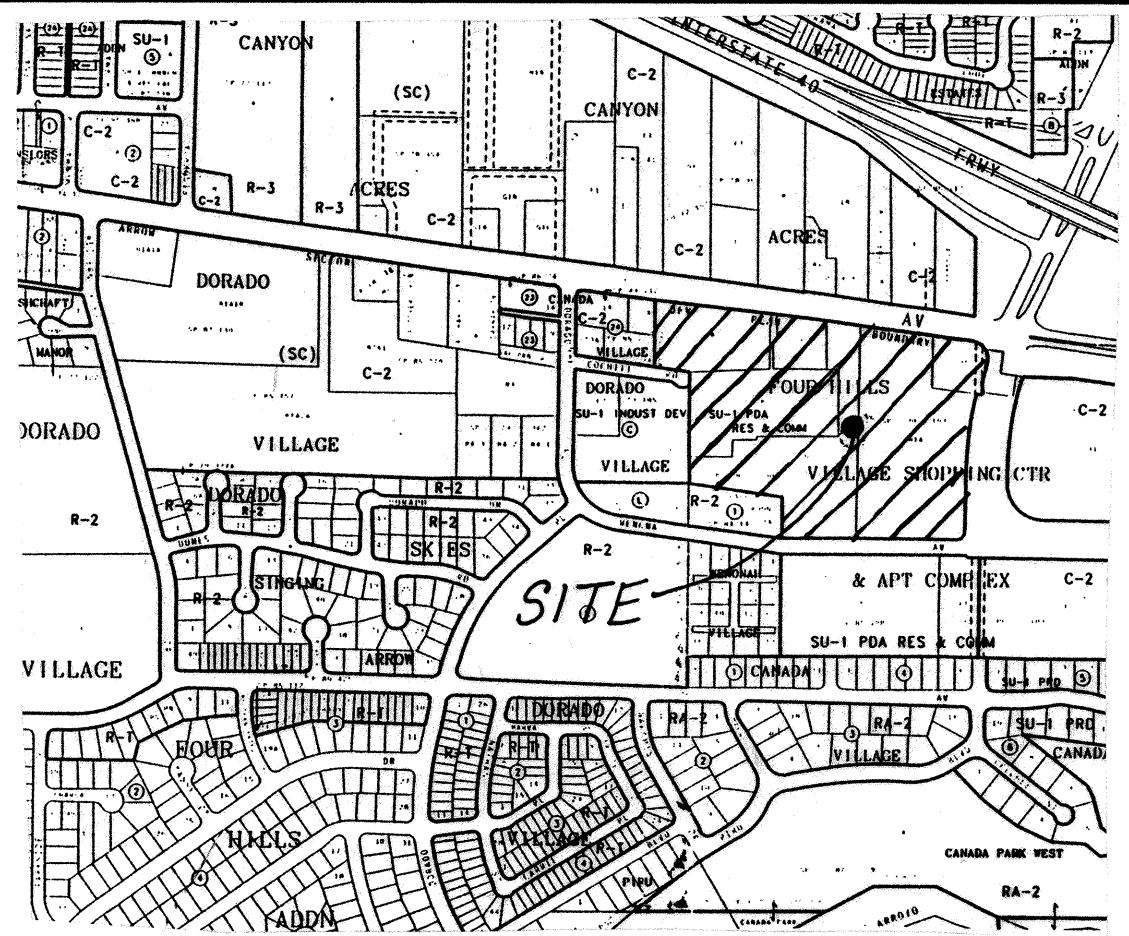


CONSTRUCTION PLANS
FOR
CENTRAL AVE. STORM DRAIN IMPROVEMENTS AT
FOUR HILLS VILLAGE SHOPPING CENTER
ALBUQUERQUE, NEW MEXICO
OFF-SITE IMPROVEMENTS



VICINITY MAP ZONE ATLAS L-22-Z
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

- CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
- PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) 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 THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS 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.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
- ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.

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.
- ☐ SIDEWALK 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 DAMAGE AFTER APPROVAL BY THE CITY ENGINEER OR WORK COMPLETED BY THE CONTRACTOR.

24-4790-90 1597
5188

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

LEGEND

	PROPERTY LINE
	EXISTING CONTOUR
	EXISTING SEWER MANHOLE
	EXISTING DROP INLET
	EXISTING WATER VALVE
	EXISTING FINISHED FLOOR ELEV.
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING CLEANOUT
	EXISTING CURB & GUTTER
	NEW FINISHED FLOOR ELEVATION
	NEW FLOW ARROW
	NEW SPOT ELEVATION
	NEW CURB
	HEAVY DUTY PAVING

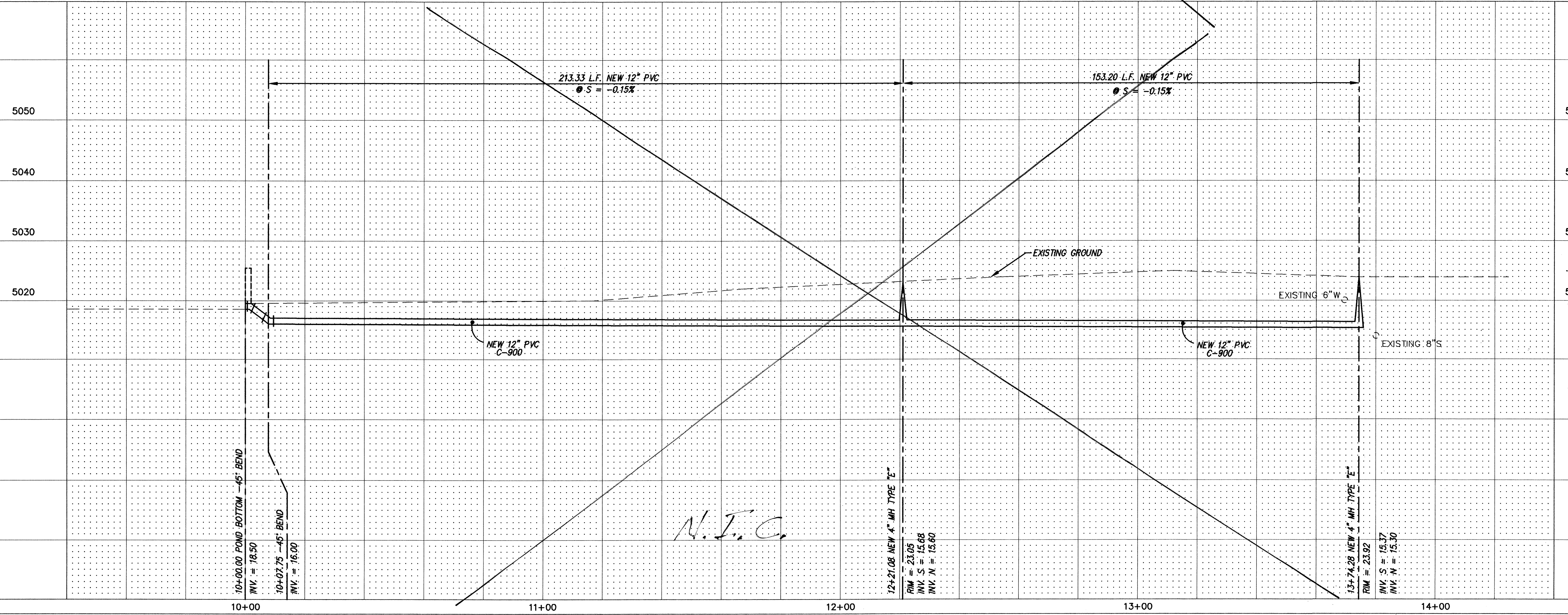
INDEX TO DRAWINGS

SHEET NO.	TITLE
1	TITLE SHEET
2-3	POND OUTLET IMPROVEMENTS

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 4-28-97

See Corresponding Projects 4790.92 +
5018.90

dmg D. MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS & SURVEYORS P. O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 345-2010		1/9/97 1/9/97				
REV.	SHEETS	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION	
		DRC CHAIRMAN	Billy G. Goodwin	9-16-97	Billy G. Goodwin 9-16-97 CITY ENGINEER DATE	
		TRANSPORTATION	9-11-97			
		WATER/WASTEWATER	9-6-96			
		HYDROLOGY	9-11-97			
		PARKS				
		CONSTR. MGMT.				
CITY PROJECT NO.				SHEET OF		
5188.90				15 29		

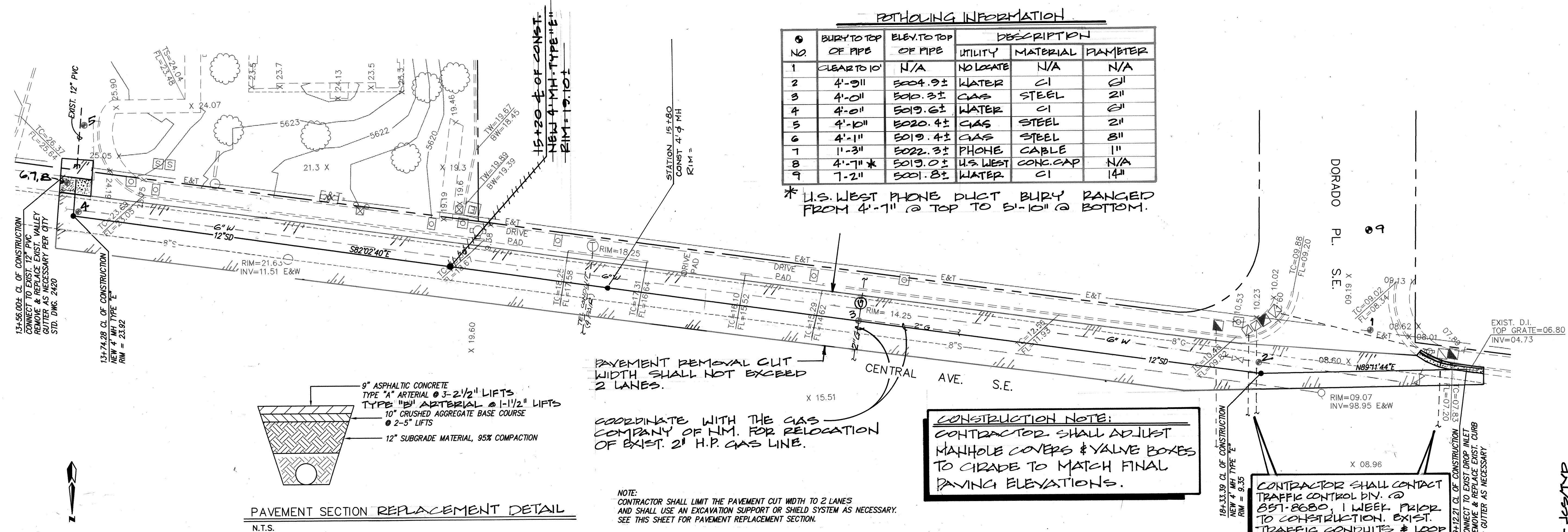


SURVEY INFORMATION		BENCH MARKS		CONTRACTOR	
NO.	FIELD NOTES	DATE	BY	WORK PERFORMED	DATE
	STATION IS A STANDARD ACS BRASS TABLE CEMENTED IN A DRILL HOLE ON TOP OF CONCRETE CURB. STATION IS STAMPED "2-122 1975 ACS". LOCATED AT THE INTERSECTION OF CENTRAL AVE. & TRAMWAY RD. ON THE CENTER MEDIAN ON THE WEST SIDE.			INSPECTED BY ACCEPTED BY VERIFICATION BY DRAWINGS CORRECTED BY	DATE DATE DATE DATE DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	

[illegible]

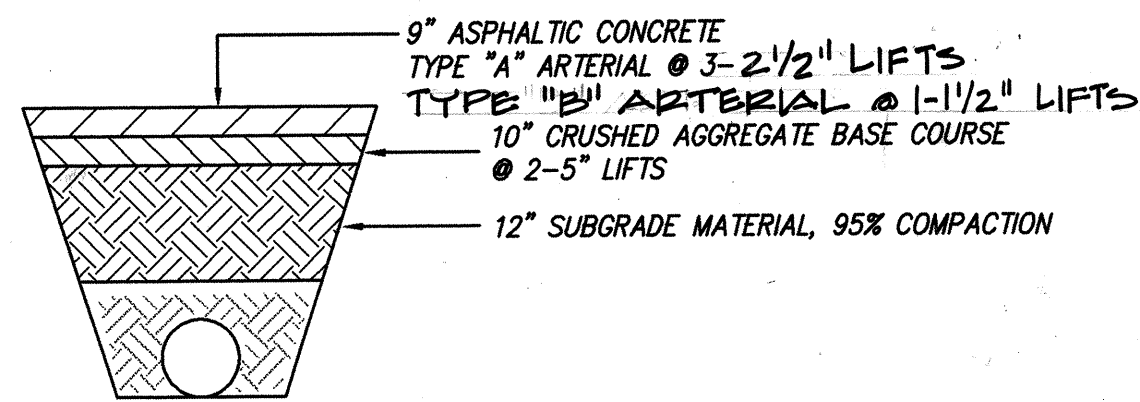
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B.G. Aducci</i>	5-3-95	WATER	N/A RWK	3-23-95
TRANSPORTATION	<i>R. Brown</i>	3-13-95	WASTE WATER	N/A RWK	3-23-95
HYDROLOGY	<i>B. Montana</i>	4/12/95			

PROJECT NO. <i>5188.90</i>	MAP NO. L22	SHEET 16	OF 29
-------------------------------	----------------	--------------------	-----------------



POTHOLING INFORMATION					
NO	BURY TO TOP OF PIPE	ELEV. TO TOP OF PIPE	DESCRIPTION		
			UTILITY	MATERIAL	DIAMETER
1	CLEAR TO 10'	N/A	NO LOCATE	N/A	N/A
2	4'-9"	5004.9±	WATER	CI	6"
3	4'-0"	5010.3±	GAS	STEEL	2"
4	4'-0"	5019.6±	WATER	CI	6"
5	4'-10"	5020.4±	GAS	STEEL	2"
6	4'-1"	5019.4±	GAS	STEEL	8"
7	1'-3"	5022.3±	PHONE	CABLE	1"
8	4'-7"	5019.0±	U.S. WEST	CONC. CAP	N/A
9	7'-2"	5001.8±	WATER	CI	14"

* U.S. WEST PHONE DUCT BURY RANGED FROM 4'-7" @ TOP TO 5'-10" @ BOTTOM.



PAVEMENT SECTION REPLACEMENT DETAIL
N.T.S.

PAVEMENT REMOVAL CUT WIDTH SHALL NOT EXCEED 2 LANES.

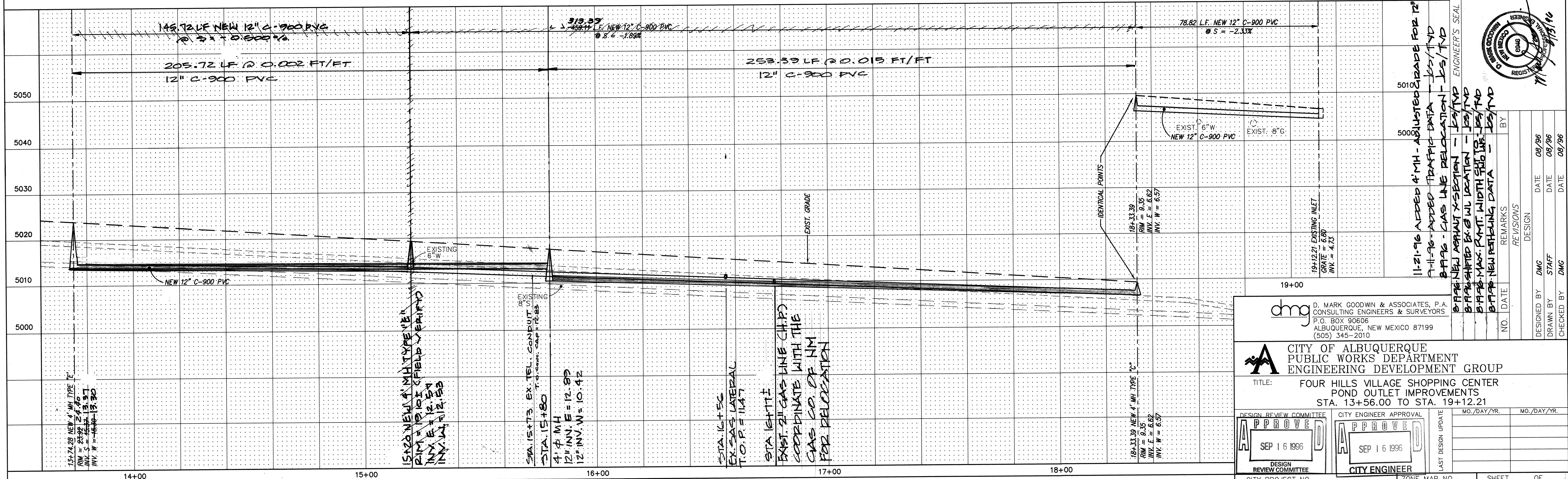
COORDINATE WITH THE GAS COMPANY OF N.M. FOR RELOCATION OF EXIST. 2" H.P. GAS LINE.

NOTE:
CONTRACTOR SHALL LIMIT THE PAVEMENT CUT WIDTH TO 2 LANES AND SHALL USE AN EXCAVATION SUPPORT OR SHIELD SYSTEM AS NECESSARY. SEE THIS SHEET FOR PAVEMENT REPLACEMENT SECTION.

CONSTRUCTION NOTE:
CONTRACTOR SHALL ADJUST MANHOLE COVERS & VALVE BOXES TO GRADE TO MATCH FINAL PAVING ELEVATIONS.

CONTRACTOR SHALL CONTACT TRAFFIC CONTROL DIV. @ 851-8680, 1 WEEK PRIOR TO CONSTRUCTION. EXIST. TRAFFIC CONDUITS & LOOP DETECTORS TO REMAIN UNDISTURBED.

CENTRAL AVE. STORM DRAIN IMPROVEMENTS



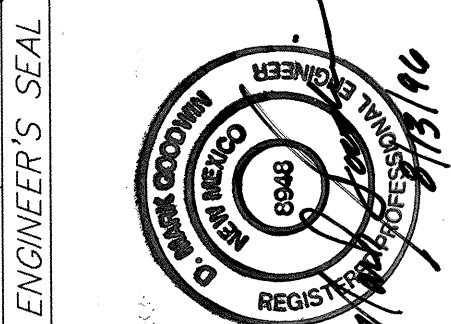
D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 345-2010

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: FOUR HILLS VILLAGE SHOPPING CENTER
POND OUTLET IMPROVEMENTS
STA. 13+56.00 TO STA. 19+12.21

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
APPROVE SEP 16 1996	APPROVE SEP 16 1996
DESIGN REVIEW COMMITTEE	CITY ENGINEER

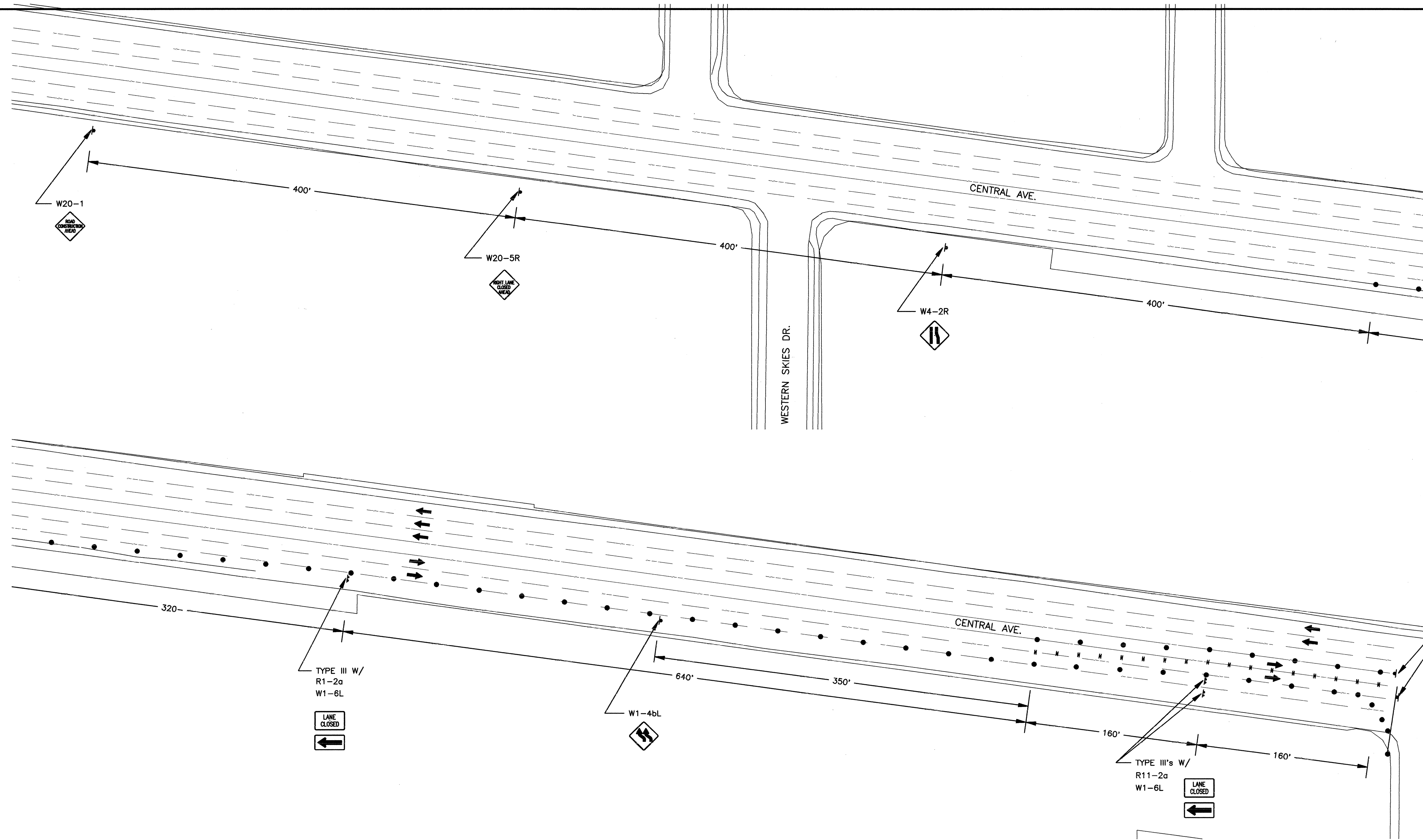
CITY PROJECT NO. 5188.90 ZONE MAP NO. L22 SHEET 17 OF 29



11-21-96 ADDED 4" MH - ADJUSTED GRADE FOR 12" C-900 - 155'ND
7-11-96 - ADDED TRAFFIC DATA - 155'ND
8-11-96 - GAS LINE RELOCATION - 155'ND
8-11-96 NEW ASPHALT X-SECTION - 155'ND
8-11-96 SHIFTER EX. G.W. LOCATION - 155'ND
8-11-96 MAX. R.M.T. WIDTH 5'10" - 155'ND
8-11-96 NEW POTHOLING DATA - 155'ND

24-5188.90 17 1797

Drawing Name: C:\PROJECTS\JANTABO\TRAFFIC\TDC.DWG
Plotted on: August 9, 1996 at 7:57 AM
This is plot # 2



LEGEND		AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
→	INDICATES DIRECTION OF TRAFFIC FLOW	CONTRACTOR	DATE	STATION IS	DATE	NO.	BY	DATE	REMARKS	DESIGN	DATE	DATE	DATE
□	FLAGMAN	INSPECTED BY	DATE	A DRILL HOLE ON TOP OF CONCRETE CURB. STATION IS	1/96	11599	STEPHEN JAMES	1/96			5/96	5/96	5/96
●	CHANNELIZATION DEVICE - BARREL OR DRUM TYPE	ACCEPTANCE BY	DATE	STAMPED "2-L22 1975 ACS" LOCATED AT THE			TOLER				ALM/JCS		
+	SIGN	VERIFICATION BY	DATE	INTERSECTION OF CENTRAL AVE. & TRAMWAY RD ON							PJC		
+	TUBULAR MARKERS	DRAWING	DATE	THE CENTER MEDIAN ON THE WEST SIDE.									
+	BARRICADE-TYPE 3	RECORDED BY	DATE										
L	= DISTANCE BETWEEN ADVANCE WARNING SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT.												
S	= SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT.												

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

26-5188.90 1897

50' 25' 0 50' 100'

SCALE: 1" = 50'

N

195106-0

Smith Engineering Company

A Full Service Engineering Company

6400 Uptown Boulevard, N.E. Suite 600E Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **CENTRAL AVENUE STORM DRAIN IMPROVEMENTS
TRAFFIC CONTROL PLANS**

DESIGN REVIEW COMMITTEE

SEP 16 1996

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

SEP 16 1996

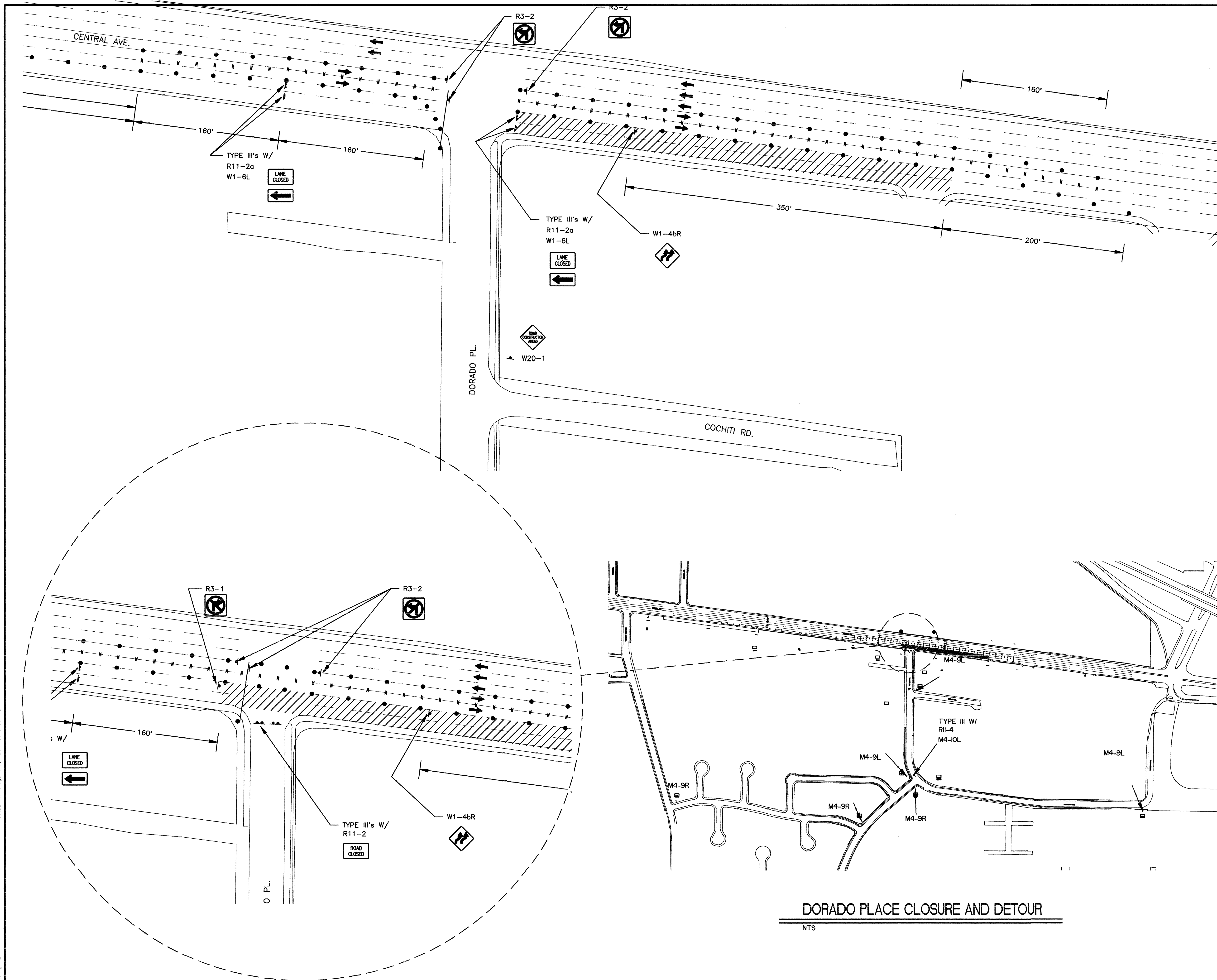
CITY ENGINEER

City Project No. **5188.90**

Zone Map No. **M-21**

Sheet **18** of **29**

Drawing name: C:\PROJECTS\JUN1996\TRAFFIC2.DWG
Saved on: August 6, 1996 at 10:40 AM
This is plot # 2



DORADO PLACE CLOSURE AND DETOUR


NTS

LEGEND

- INDICATES DIRECTION OF TRAFFIC FLOW
- FLAGMAN
- CHANNELIZATION DEVICE - BARREL OR DRUM TYPE
- ▴ SIGN
- ▬ TUBULAR MARKERS
- ▬ BARRICADE-TYPE 3
- L = DISTANCE BETWEEN ADVANCE WARNING SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT.
- S = SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		CITY OF ALBUQUERQUE	
CONTRACTOR	DATE	STATION IS	STATION IS	NO.	BY	DATE		NO.	DATE	DESIGNED BY	DATE	CITY OF ALBUQUERQUE	195106-0
WORKED BY	DATE	STATION IS	STATION IS	11599	STEPHEN JAMES	1/96		REMARKS	DRAWN BY	DATE	PUBLIC WORKS DEPARTMENT		
SUPERVISOR	DATE	STATION IS	STATION IS		TOLER			NO.	DATE	ALM/JCS	ENGINEERING DEVELOPMENT GROUP		
INSPECTOR	DATE	STATION IS	STATION IS					DESIGNED BY	DATE	JCS			
MICRO-FILM INFORMATION		STATION IS		SURVEYING		CONTROL INC.		CHECKED BY		PUC		DATE	
RECORDED BY		DATE		NO.		DATE		DATE		DATE		DATE	

Drawing name: C:\BAC\PROJECTS\JUAN TABO\CTCSTND1.DWG
 Saved on: August 8, 1996 at 3:58 PM
 This is plot #: 2
 Plotted on: August 9, 1996 at 6:58 AM

	<h2 style="margin: 0;">Smith Engineering Company</h2> <p style="margin: 0;">A Full Service Engineering Company</p> <p style="margin: 0;">6400 Uptown Boulevard, N.E. Suite 500F Albuquerque, New Mexico 87110</p>					DATE	DESIGNED BY DRAWN BY CHECKED BY
						NO.	

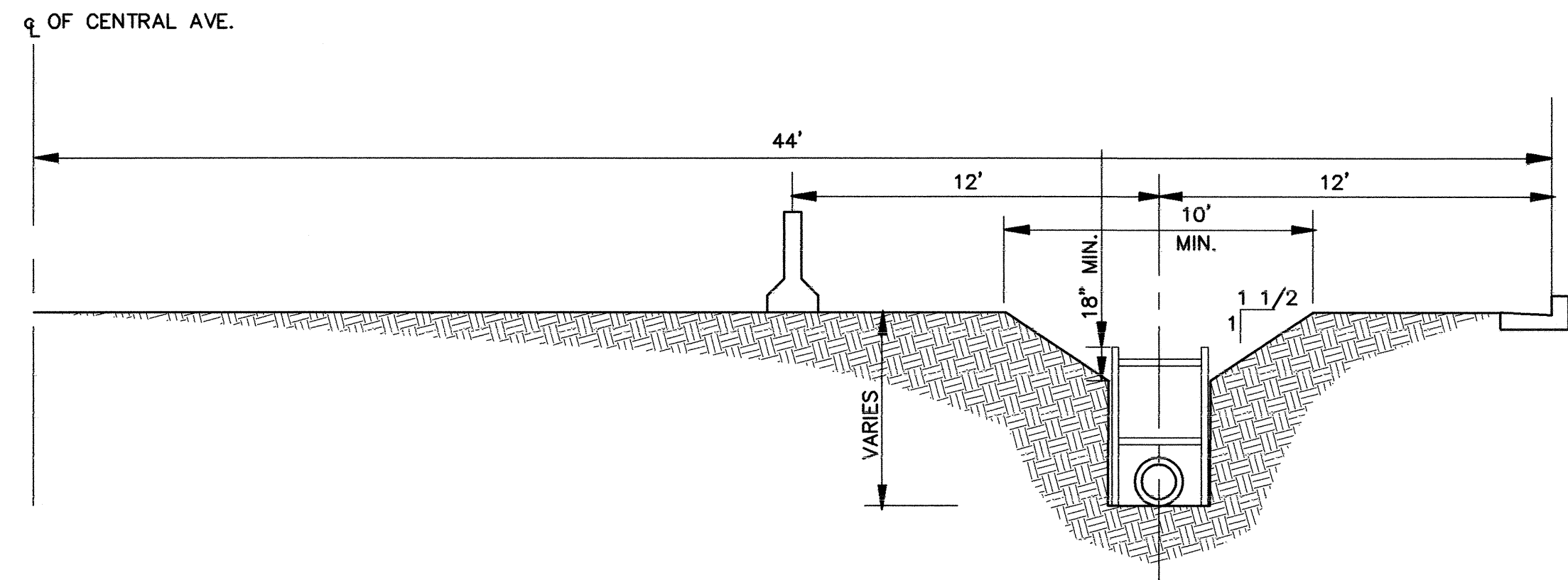
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:

SIGNING AND CONTRUCTION TRAFFIC CONTROL STANDARDS

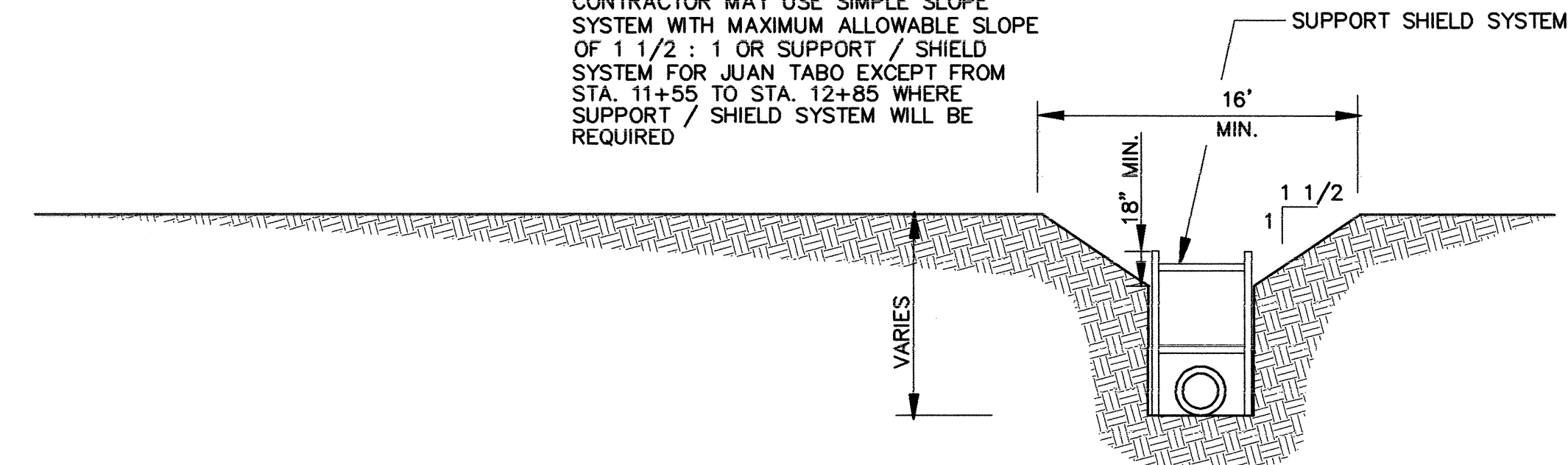
Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.
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City Project No. 4790.92 & 5188.90	Zone Map No. M-21	Sheet 20 Of 29
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CENTRAL AVENUE

NOTE:
CONTRACTOR MAY USE SIMPLE SLOPE SYSTEM WITH MAXIMUM ALLOWABLE SLOPE OF 1 1/2 : 1 OR SUPPORT / SHIELD SYSTEM FOR JUAN TABO EXCEPT FROM STA. 11+55 TO STA. 12+85 WHERE SUPPORT / SHIELD SYSTEM WILL BE REQUIRED



STA. 11+50 TO STA. 12+85
SINGING ARROW / JUAN TABO



195106-SE1
Smith Engineering Company
A Full Service Engineering Company
6400 Uptown Boulevard, N.E. Suite 6008 Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: CENTRAL AVENUE STORM DRAIN IMPROVEMENTS
TYPICAL TRENCHING SECTIONS

APPROVED
SEP 16 1996
DESIGN REVIEW COMMITTEE

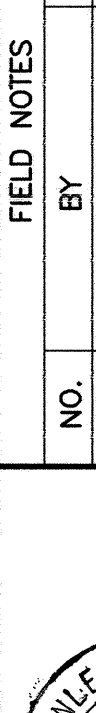
APPROVED
SEP 16 1996
CITY ENGINEER

Last Design Update

Mo. / Day / Yr.

Mo. / Day / Yr.

City Project No. **4790.92 & 5188.90** Zone Map No. **M-21** Sheet **22** of **29**

ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
<div></div>				FIELD NOTES		C.O.A. BENCHMARK "1-L2(R)" ON CENTRAL AVE.		CONTRACTOR		
				NO.	BY	DATE	MEDIAN WEST OF CENTRAL AVE. AND JUAN TABO BLVD INTERSECTION.		WORK STAMPED BY	DATE
				11599	STEPHEN JAMES	1/96	ELEV = 5534.627 FT		ACCEPTED BY	DATE
					TOLER		GROUND COORDINATES: NORTHING = 1481380.42 EASTING = 420892.47		FIELD DRAWINGS CORRECTED BY	DATE
					FROM SURVEYING CONTROL INC.		GRID COORDINATES: NORTHING = 1480854.31 EASTING = 420742.99		MICRO-FILM INFORMATION	
						GROUND TO GRID FACTOR = 0.999644849	RECORDED BY		DATE	
							NO.			

DESIGNED BY	JCS	DATE	5/96
DRAWN BY	ALM/JCS	DATE	5/96
CHECKED BY	PJC	DATE	6/96