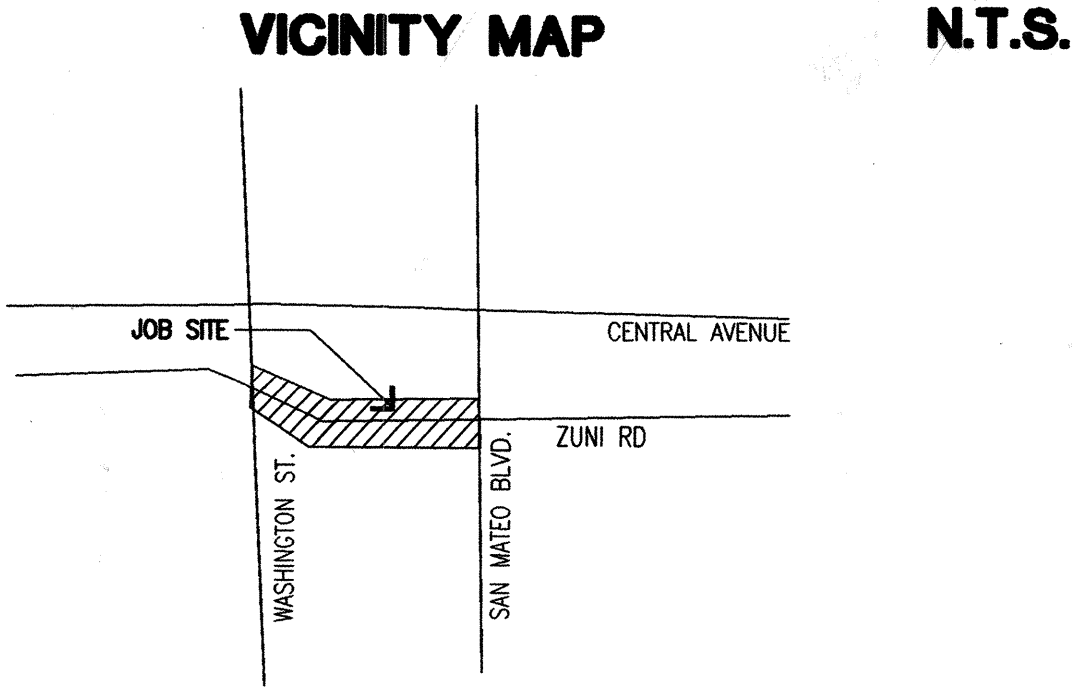


ZUNI MEDIAN IMPROVEMENTS
(WASHINGTON TO SAN MATEO)

TOTAL LENGTH - 2,900 L.F.

ALBUQUERQUE, NEW MEXICO
CITY PROJECT # 671100
(ON-CALL CONSTRUCTION)



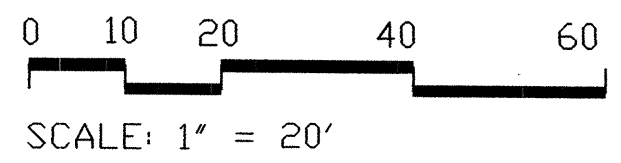
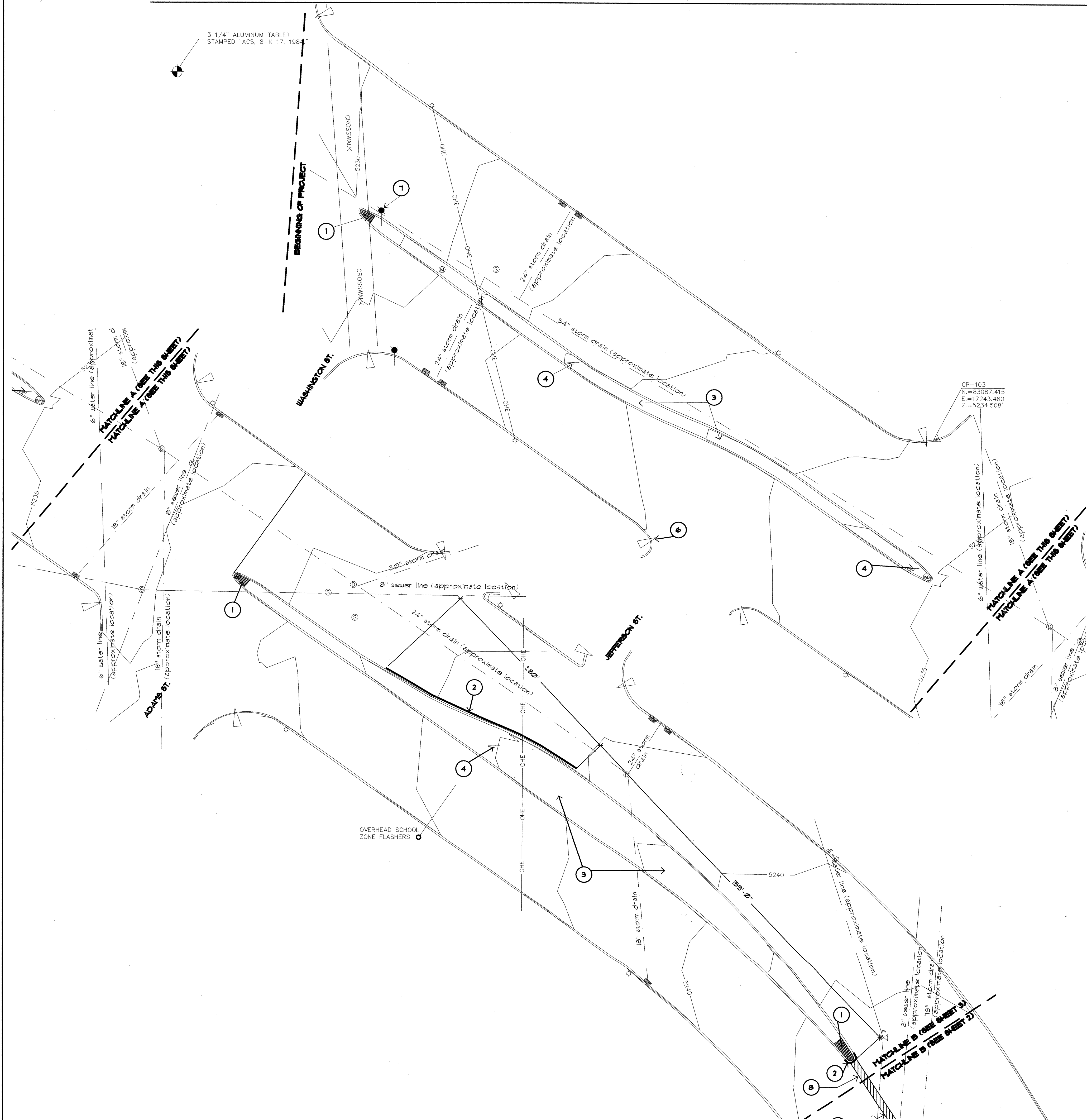
MAP NO. OVERALL ZONE MAP NO. K-17-Z
GENERAL NOTES

- ALL WORK ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986 EDITION, AS AMENDED THROUGH UPDATE #6.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- 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 ON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE LANDSCAPE ARCHITECT HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY. THEREFORE THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINES, PIPELINES, 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 LINE. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE UTILITY LINES AND FACILITIES.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH THE MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- 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 DURING CONSTRUCTION BY THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM PERSONNEL SHALL OPERATE EXISTING VALVES, REFER TO SECTION 18 OF THE SPECIFICATIONS.
- CONTRACTOR SHALL NOTIFY CITY SURVEYING NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT CITY SURVEYING MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT AND PERMISSION OF CITY SURVEYING. REPLACEMENT SHALL BE DONE ONLY BY CITY SURVEYING. 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 ITS OWN EXPENSE, ADJUST THE MONUMENT AND ITS COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE TWO (2) DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CAUTION, THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOUR CONSTRUCTION.
- ANY SIGNAL CONDUITS, LOOPS, PULL BOXES OR OTHER TRAFFIC UTILITIES THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.
- ANY SIDEWALK, RAMPS, CURBS AND GUTTER, OR OTHER CITY FACILITY DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.
- EVERY CARE HAS BEEN TAKEN TO ASSURE THAT PLANT MATERIAL NOT BE IN CONFLICT WITH SAS LOCATIONS. HOWEVER, CONTRACTOR SHALL UNDER NO CIRCUMSTANCES POSITION TREES OVER SAS LINES, THAT ARE NOT 6' DEEP AND OF PVC MATERIAL.

INDEX OF DRAWINGS	
SHEET TITLE	SHEET NUMBER
COVER SHEET	1
EXISTING CONDITIONS AND DEMOLITION PLAN	2
EXISTING CONDITIONS AND DEMOLITION PLAN	3
EXISTING CONDITIONS AND DEMOLITION PLAN	4
EXISTING CONDITIONS AND DEMOLITION PLAN	5
CONSTRUCTION, LAYOUT AND GRADING PLAN	6
CONSTRUCTION, LAYOUT AND GRADING PLAN	7
CONSTRUCTION, LAYOUT AND GRADING PLAN	8
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CONSTRUCTION DETAILS	10
PLANTING PLAN	11
PLANTING PLAN	12
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IRRIGATION PLAN	15
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IRRIGATION PLAN	18
ELECTRICAL PLAN	19
TRAFFIC CONTROL PLAN	20
TRAFFIC CONTROL PLAN	21

JULY 2002

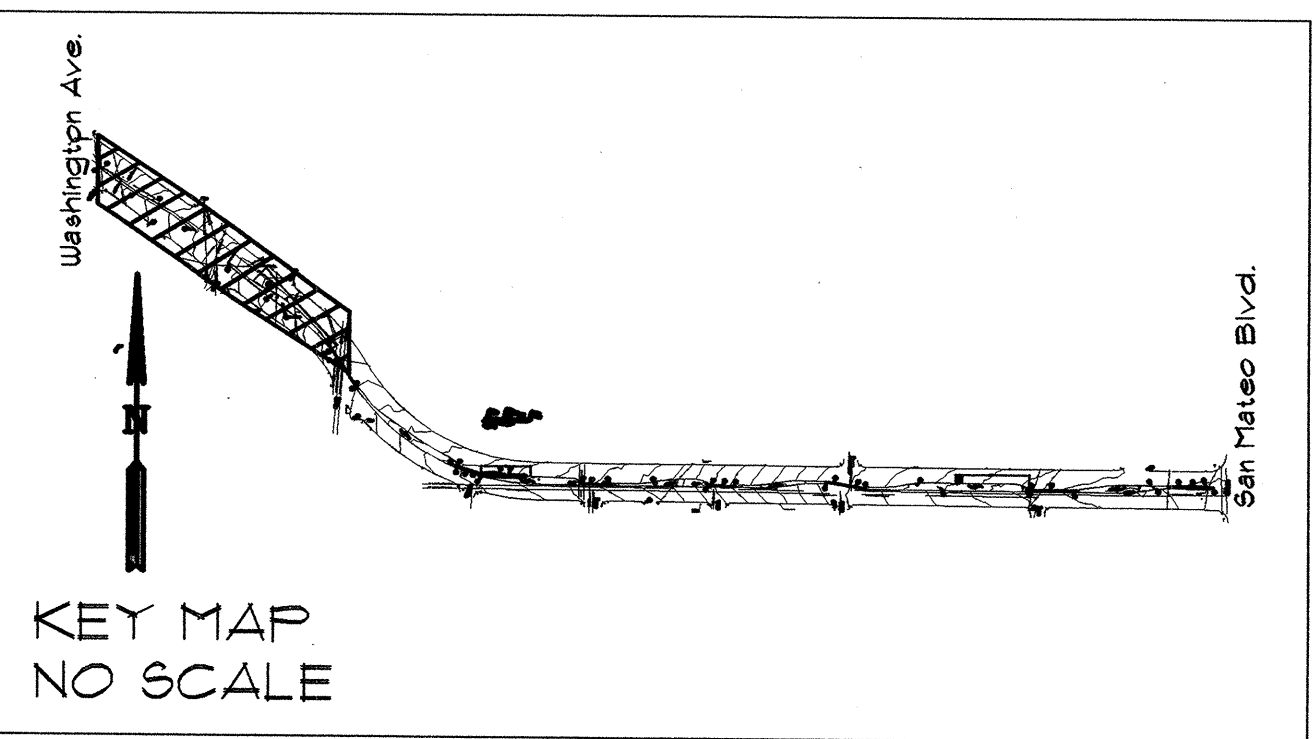
215 La Veta NE, Albuquerque, NM 87108 505.266.2299 FAX 505.266.9557 mfw@mfwltd.com							
REV.	SHEETS	CITY ENGINEER	DATE	UNSER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRG Chairman		<i>[Signature]</i>	7-30-02	APPROVED FOR CONSTRUCTION	
		Transportation		<i>[Signature]</i>	7-30-02		
		Water/Wastewater		<i>[Signature]</i>	7-30-02		
		Hydrology		<i>[Signature]</i>	7-30-02		
		CIP		<i>[Signature]</i>	7-30-02		
Constr. Mngmt.		<i>[Signature]</i>	7-30-02	City Engineer		Date	
Constr. Coord.		<i>[Signature]</i>	7-30-02				
City Project No.		671100		Sheet		1	Of 21



MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2286 FAX 505.265.9637
mrw@mrwam.com

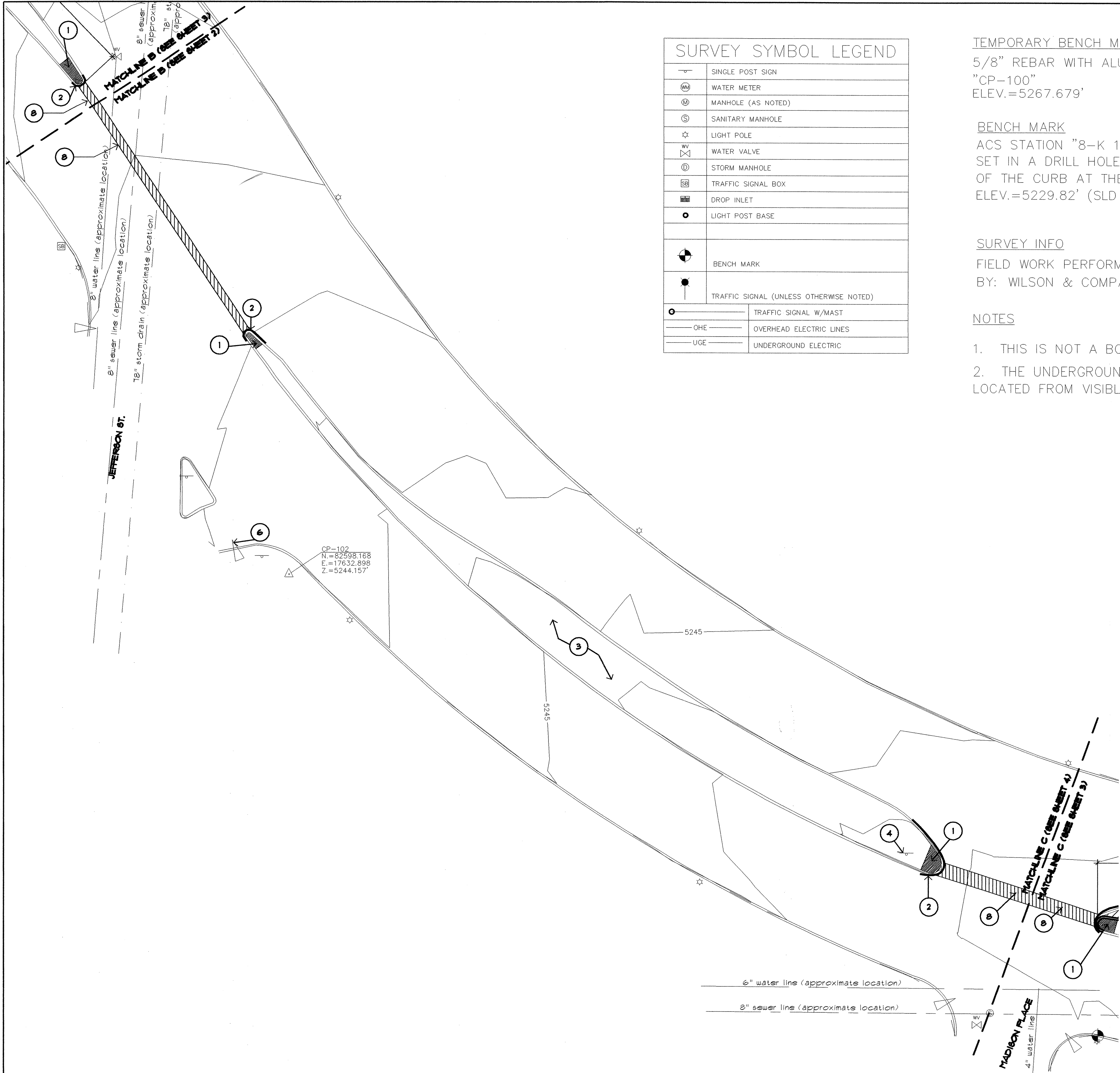
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 - CONTRACTOR SHALL SANDBLAST CURBS AS REQUIRED TO REMOVE YELLOW PAINT. (TYP-ENTIRE LENGTH OF PROJECT)
 - SEE SHEET 3 FOR KEY TO SURVEY SYMBOLS.
 - C.O.A. SIGNAL INTERCONNECT RUNS UNDER SIDEWALK ON SOUTH SIDE OF ZUNI, THEN RUNS ALONG SAN MATEO. CONTRACTOR SHALL PROTECT FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS AND SHALL REPAIR OR REPLACE ANY INTERCONNECT DAMAGED BY CONSTRUCTION OPERATIONS. NO UNDERGROUND SPLICING WILL BE PERMITTED.
 - EXISTING UTILITY LINE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY IN FIELD AS NEEDED.

- KEYED NOTES:**
- CONCRETE PAVING AT MEDIAN NOSE TO BE REMOVED
 - REMOVE CURB AND GUTTER TO JOINT. REFERENCE DETAIL D/10.
 - 2\"/>



CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM			
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) EXISTING CONDITIONS AND DEMOLITION PLAN			
Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
CITY PROJECT NO. 6711100		ZONE MAP NO. K-17-Z	SHEET 2 OF 21

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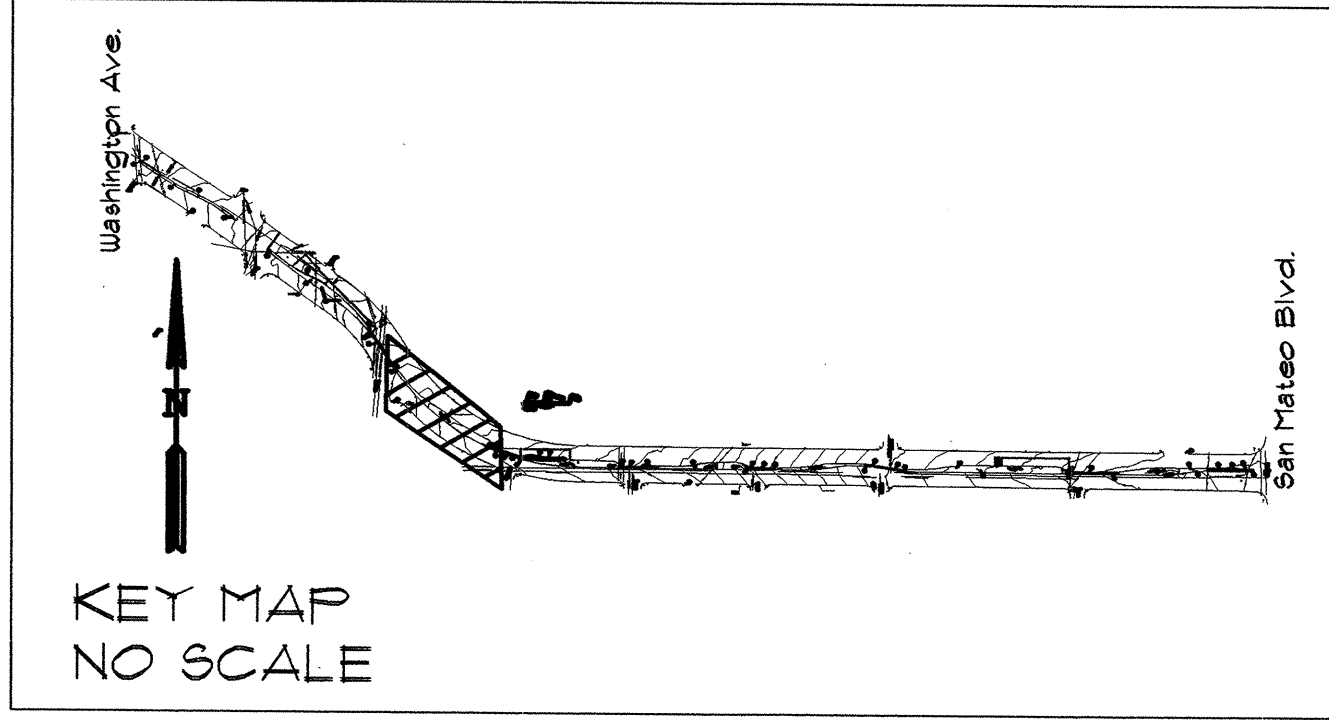
SURVEY SYMBOL LEGEND	
	SINGLE POST SIGN
	WATER METER
	MANHOLE (AS NOTED)
	SANITARY MANHOLE
	LIGHT POLE
	WATER VALVE
	STORM MANHOLE
	TRAFFIC SIGNAL BOX
	DROP INLET
	LIGHT POST BASE
	BENCH MARK
	TRAFFIC SIGNAL (UNLESS OTHERWISE NOTED)
	TRAFFIC SIGNAL W/MAST
	OHE OVERHEAD ELECTRIC LINES
	UGE UNDERGROUND ELECTRIC

TEMPORARY BENCH MARK (TBM)
5/8" REBAR WITH ALUMINUM CAP STAMPED
"CP-100"
ELEV.=5267.679'

BENCH MARK
ACS STATION "8-K 17", ALUMINUM TABLET
SET IN A DRILL HOLE FULSH WITH THE TOP
OF THE CURB AT THE NOSE OF THE MEDIAN.
ELEV.=5229.82' (SLD 1929)

SURVEY INFO
FIELD WORK PERFORMED ON MAY 2001.
BY: WILSON & COMPANY, ALBUQUERQUE, NM.

- NOTES
- THIS IS NOT A BOUNDARY SURVEY.
 - THE UNDERGROUND UTILITIES SHOWN ARE LOCATED FROM VISIBLE FEATURES ON THE SITE.



GENERAL NOTES:

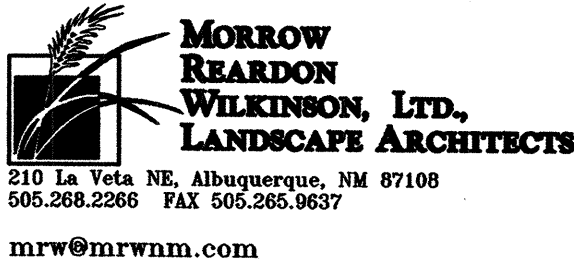
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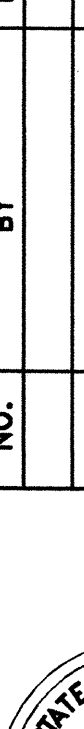
- CONCRETE PAVING AT MEDIAN NOSE TO BE REMOVED
- REMOVE CURB AND GUTTER TO JOINT. REFERENCE DETAIL D/10.
- 2" DEPTH ASPHALT WITH SKIM OF ASPHALT GRAVEL ON TOP TO BE REMOVED.
- SIGN TO REMAIN
- NOT USED
- EXISTING HANDICAP RAMP TO REMAIN (TYP.)
- NOT USED
- SAWCUT AND REMOVE EXISTING 6" DEPTH ASPHALT PER C.O.A. DWG. 2465, ARTERIAL FOR INSTALLATION OF IRRIGATION LINES.



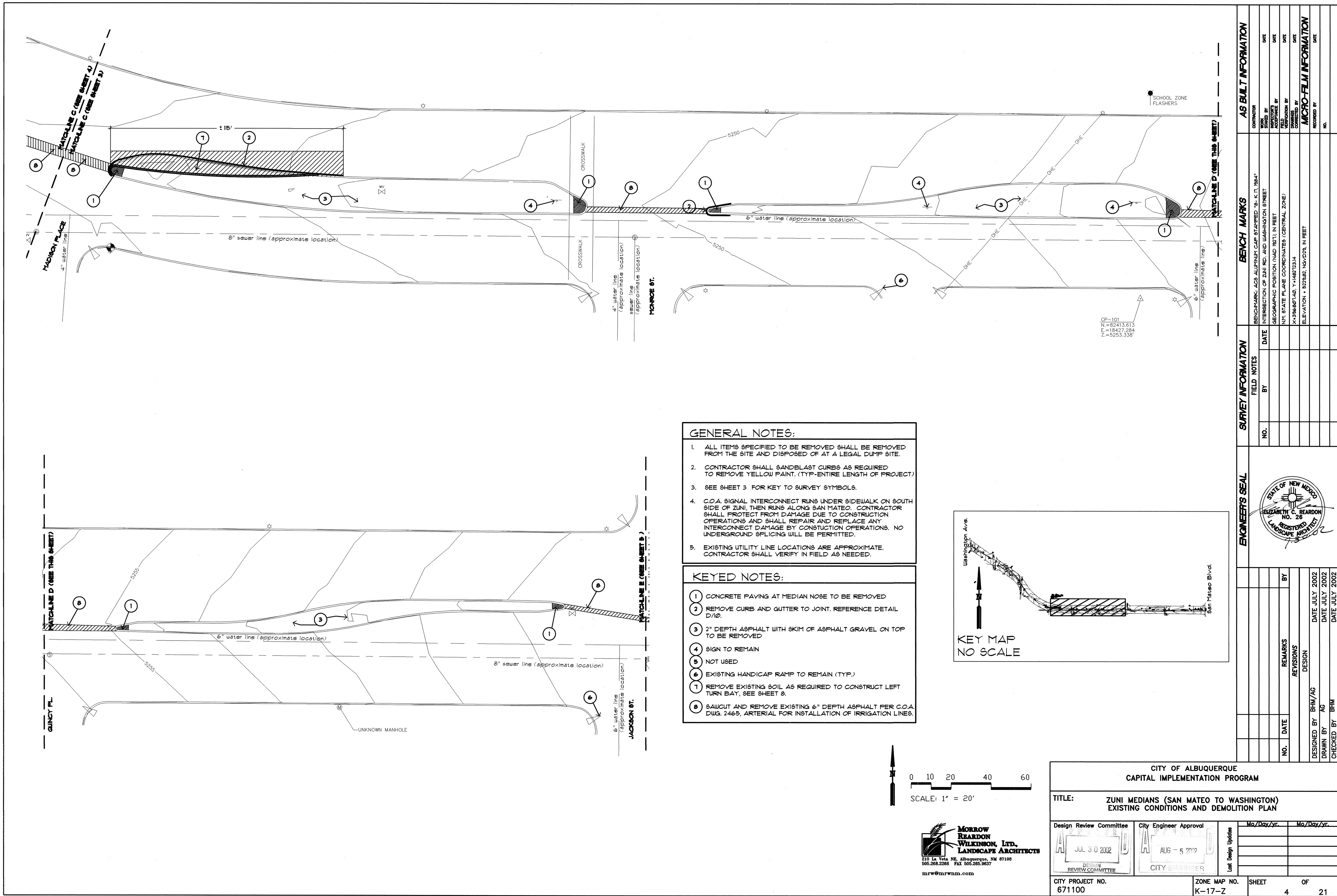
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SCALE: 1" = 20'

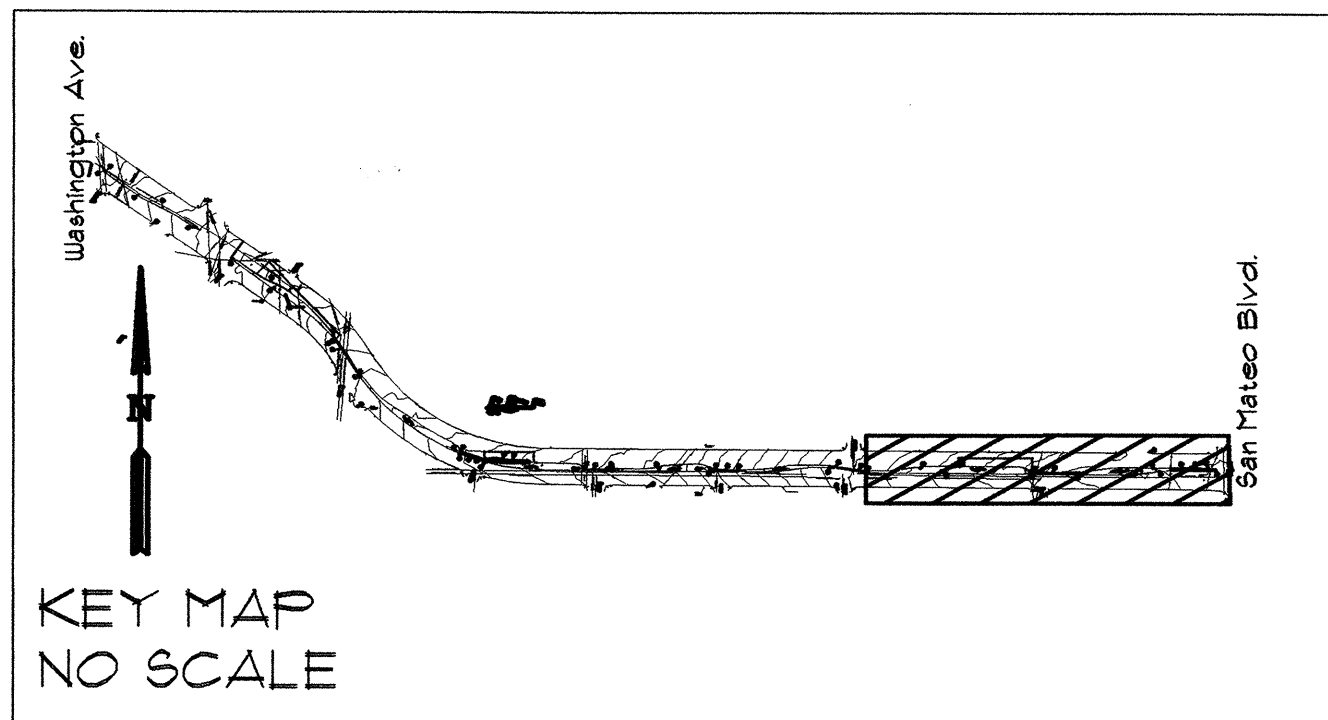
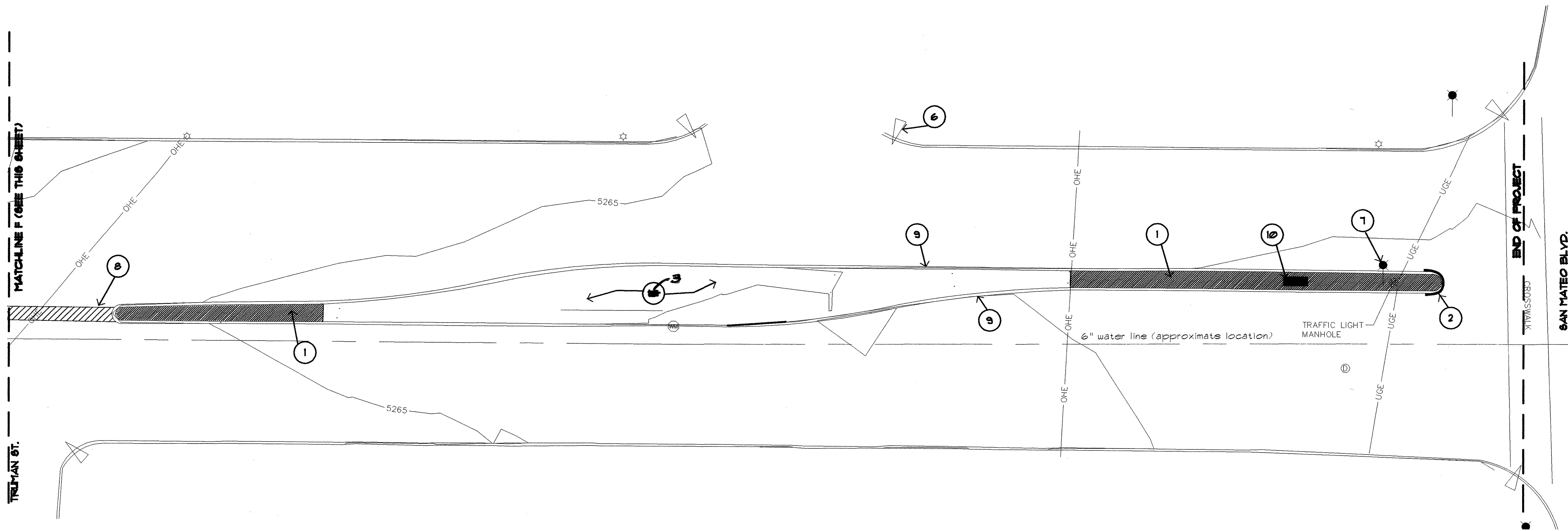
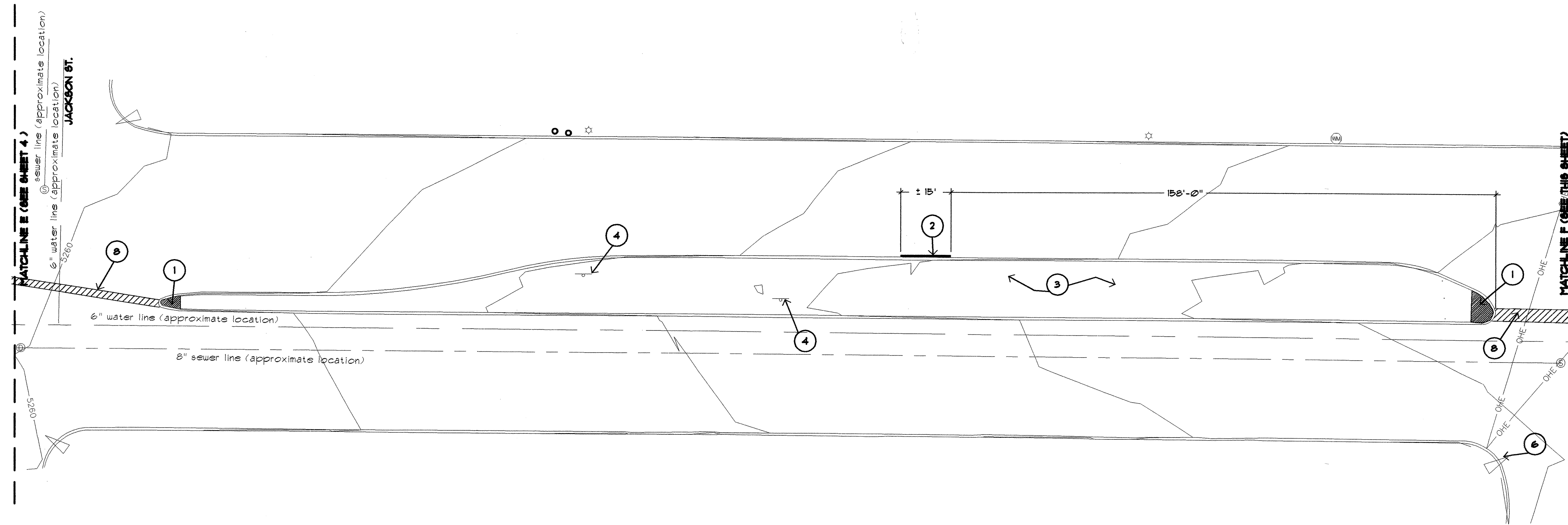


CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM			
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) EXISTING CONDITIONS AND DEMOLITION PLAN			
Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
APPROVED JUL 30 2002 DESIGN REVIEW COMMITTEE	APPROVED JUL 30 2002 CITY ENGINEER		
CITY PROJECT NO. 671100	ZONE MAP NO. K-17-Z	SHEET 3	OF 21

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
<div></div>		FIELD NOTES		BENCH MARK		CONTRACTOR	
		BY		DATE		INTERSECTION OF ZUNI RD. AND WASHINGTON STREET	
		NO.				GEOGRAPHIC POSITION (NAD 1983), IN FEET	
						N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	
				X=9566907.140 Y=148713.14		DRAWINGS CORRECTED BY	
				ELEVATION = 5229.82, NAVD23, IN FEET		MICRO-FILM INFORMATION	
						RECORDED BY	
						DATE	
						NO.	

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0 10 20 40 60
SCALE: 1" = 20'

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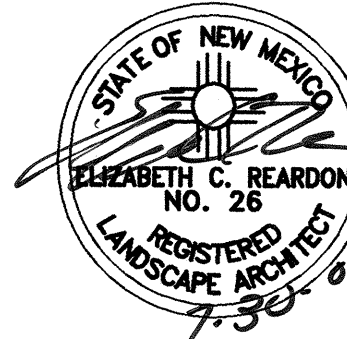
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5. EXISTING UTILITY LINE LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY IN FIELD AS NEEDED.

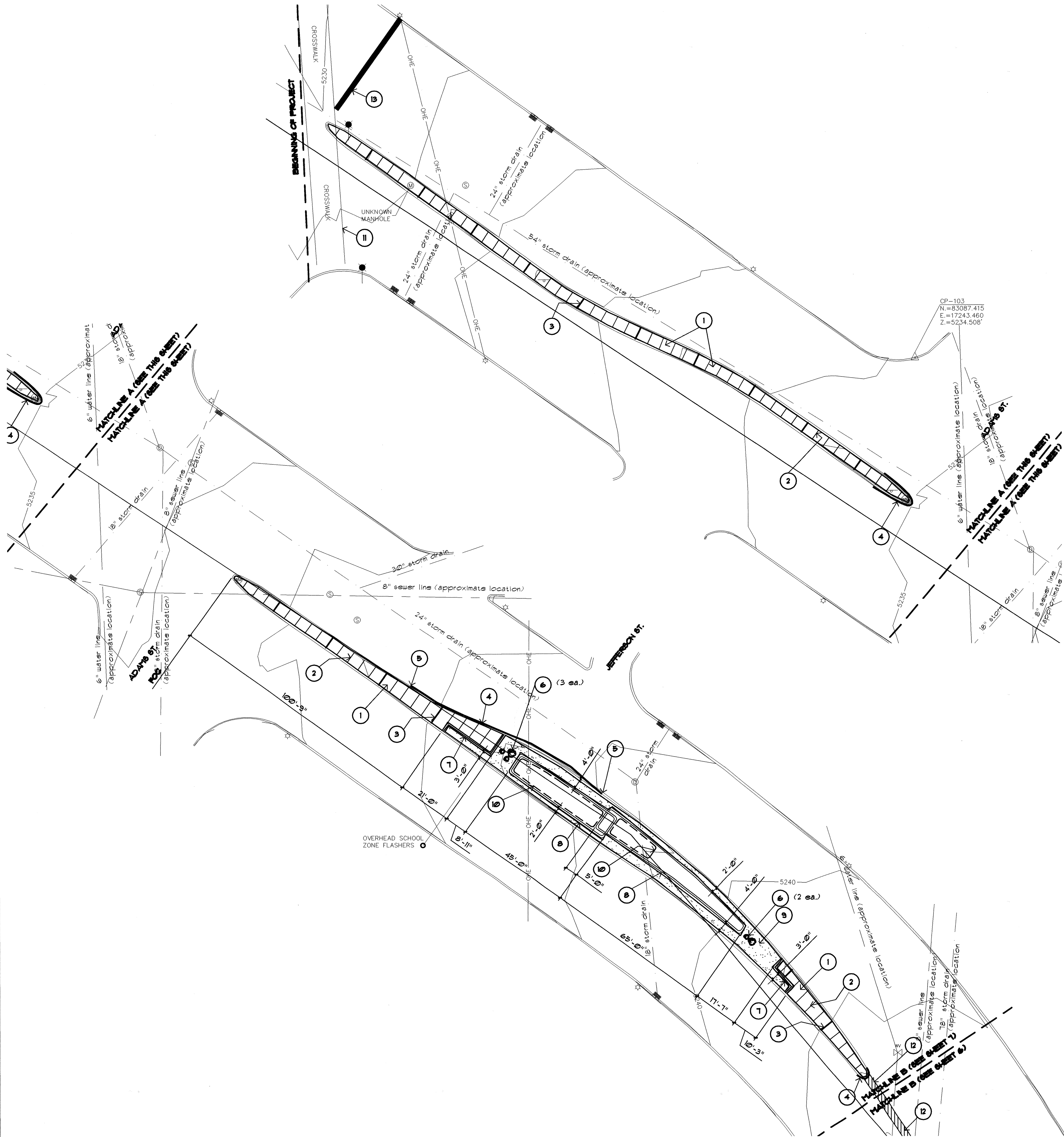
KEYED NOTES:

- 1 CONCRETE PAVING AT MEDIAN NOSE TO BE REMOVED
- 2 REMOVE CURB TO JOINT. REFERENCE DETAIL D/10.
- 3 2" DEPTH ASPHALT WITH SKIM OF ASPHALT GRAVEL ON TOP TO BE REMOVED
- 4 SIGN TO REMAIN
- 5 NOT USED
- 6 EXISTING HANDICAP RAMP TO REMAIN (TYP.)
- 7 TRAFFIC SIGNAL TO REMAIN
- 8 SAWCUT AND REMOVE EXISTING 6" DEPTH ASPHALT PER C.O.A. DWG. 2465, ARTERIAL FOR INSTALLATION OF IRRIGATION LINES.
- 9 REMOVE PIN CURB ALONG ENTIRE LENGTH OF MEDIAN. REFERENCE DETAIL D/10.
- 10 EXISTING PULLBOX TO REMAIN. SEE NOTE ON CONSTRUCTION PLAN SHEET 3.

ENGINEER'S SEAL			SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
			FIELD NOTES			BENCHMARK: ACS ALUMINUM CAP STAMPED "9- K 17, 1984"			CONTRACTOR STAMPED BY		
			NO.	BY	DATE	INTERSECTION OF 32ND RD. AND WASHINGTON STREET			DATE		
						GEOGRAPHIC POSITION (NAD 1983): N IN FEET			DATE		
						N.M. STATE PLANE COORDINATES (CENTRAL ZONE)			DATE		
						X=986507.402 Y=1462713.14			DATE		
						ELEVATION = 8225.93, NAVD83, IN FEET			DATE		
DESIGNED BY BHM/AG DRAWN BY AG CHECKED BY BHM			REVISIONS			MICRO-FILM INFORMATION					
			DESIGN			RECORDED BY					
			DATE JULY 2002			NO.					
			DATE JULY 2002								



CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM					
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) EXISTING CONDITIONS AND DEMOLITION PLAN					
Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.		
JUL 30 2002	AUG - 5 2002				
DESIGN REVIEW COMMITTEE	CITY ENGINEER				
CITY PROJECT NO. 671100	ZONE MAP NO. K-17-Z	SHEET 5	OF 21		

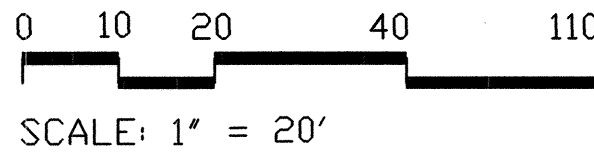


GENERAL NOTES:

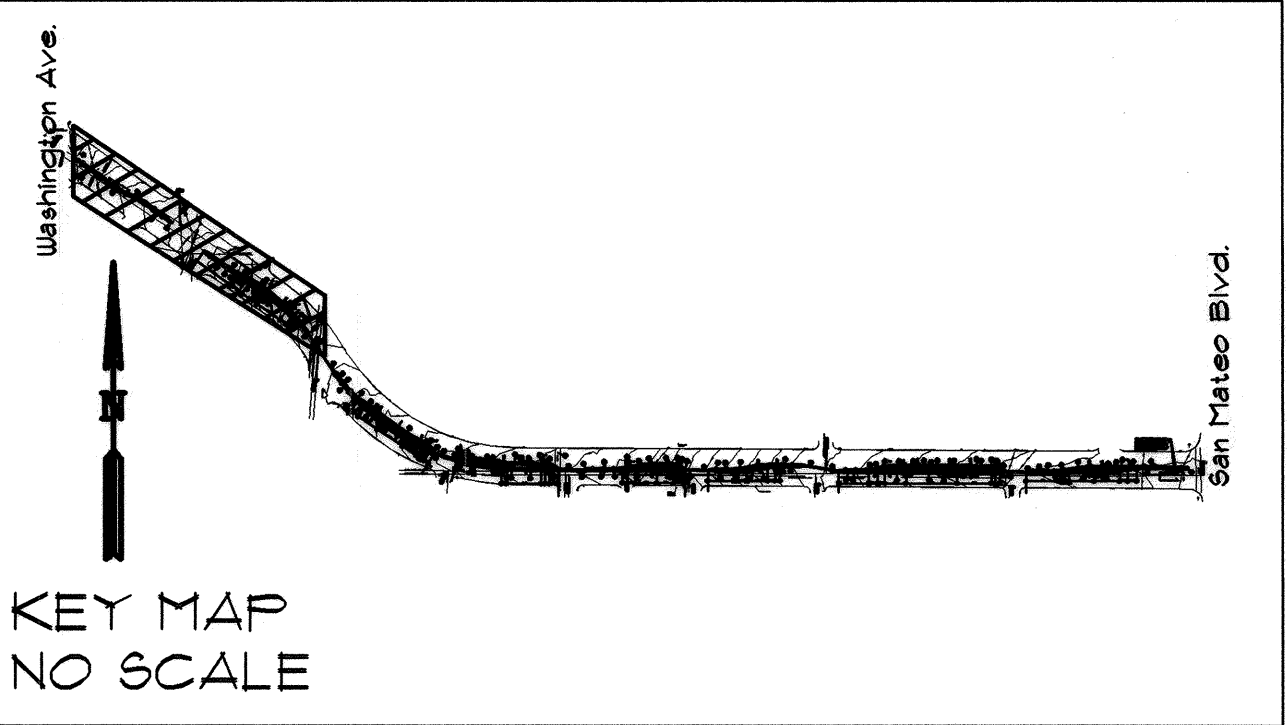
- REFERENCE SHEET 1 OF 20 FOR MEDIAN CONCRETE PAVING CONSTRUCTION NOTES.
- CONTRACTOR SHALL PAINT THE FIRST 10' OF CURB ON MEDIAN NOSES PER COA SPECIFICATIONS SECTION 151 (TYPICAL OF ALL).
- SEE SHEETS 3 FOR KEY TO SURVEY SYMBOLS.

KEYED NOTES:

- CONSTRUCT CONCRETE PAVING IN MEDIAN. REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1 OF 20.
- CONTROL JOINT (TYP.). REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1.
- EXPANSION JOINT (TYP.). REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1.
- REPLACE CURB AND GUTTER TO MATCH EXISTING MEDIAN CURB AND GUTTER. REFERENCE DETAIL E/10.
- LIMIT OF NEW CURB AND GUTTER (SEE DEMO PLAN FOR DIMENSIONS).
- INSTALL BOULDER (TYP.). BOULDERS SHALL BE MOSS ROCK, MAX. 30" DEEP, WITH PLAN DIMENSIONS VARYING FROM 12" X 12" MIN. TO 36" X 36" MAX. REFERENCE DETAIL A/10. BOULDER LOCATIONS TO BE CHECKED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- CONSTRUCT CONCRETE EDGER TO MEDIAN CONCRETE PAVING. REFERENCE DETAIL B/10.
- CONSTRUCT CONCRETE EDGER. REFERENCE DETAIL C/10.
- INSTALL 4" DEPTH 1" SANTA FE BROWN GRAVEL MULCH WITH FILTER FABRIC UNDER FILTER FABRIC SHALL BE MIN 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPYLENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3", TURN DOWN EDGES 6".
- TOP OF SWALE. REFERENCE DETAIL C/10.
- PLASTIC CROSSWALK STRIPING: TWO 12" WIDE WHITE PLASTIC STRIPES, 10'-0" APART AT LOCATION OF EXISTING CROSSWALK.
- 6" DEPTH ASPHALT PAVING PER C.O.A. DWG. 2465 ARTERIAL.
- 24" WIDE WHITE PLASTIC STOP BAR. VERIFY LOCATION WITH ED TOLEDO (887-8024) PRIOR TO CONSTRUCTION.

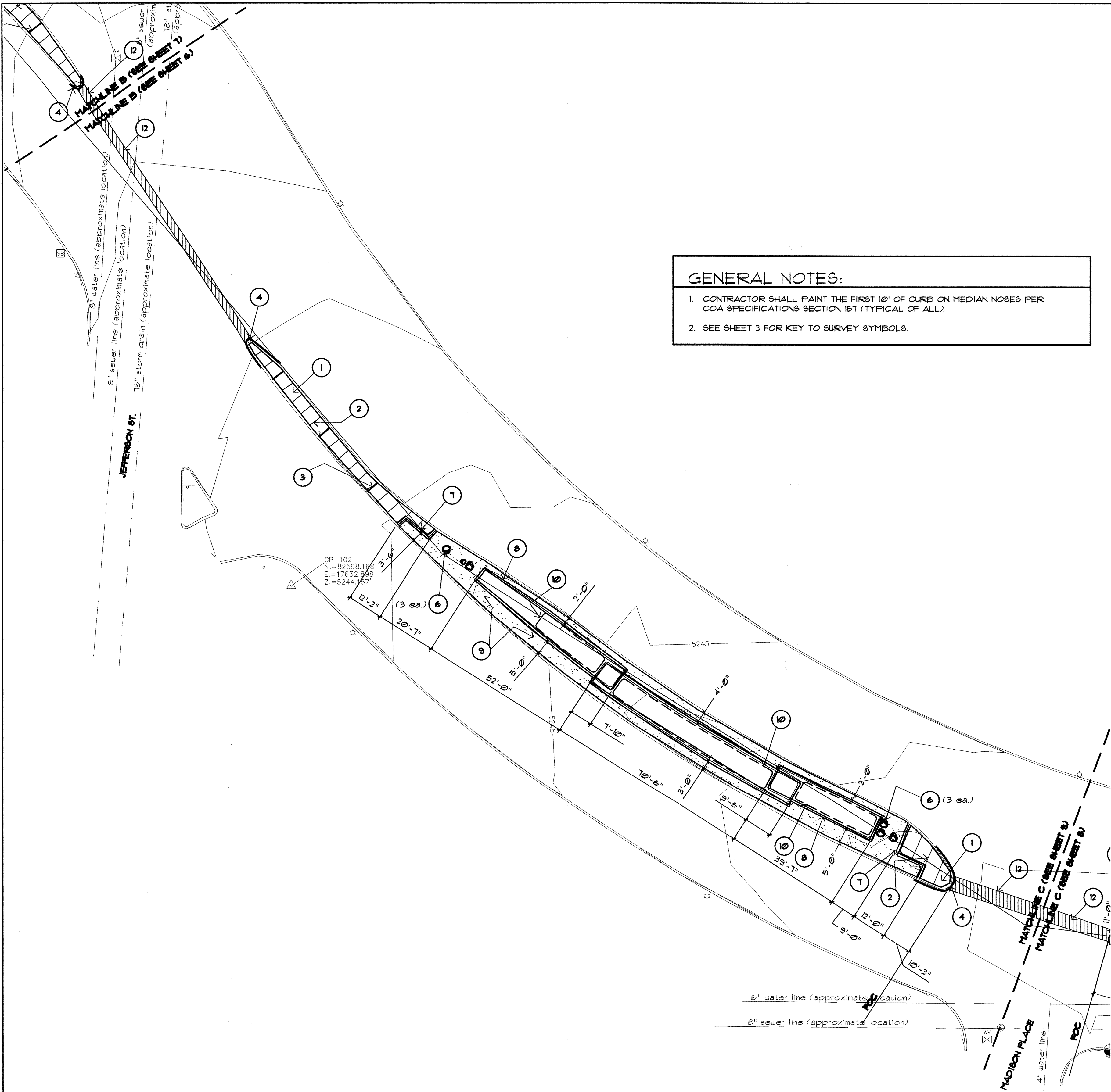


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505.268.2285 FAX 505.265.9537
mrw@mrwnm.com



ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION			
					FIELD NOTES		CONTRACTOR				
					BY		DATE		INTERSECTION OF ZUNI RD. AND WASHINGTON STREET		
									GEOGRAPHIC POSITION (NAD 1983): IN FEET		
									N.M. STATE PLANE COORDINATES (CENTRAL ZONE)		
									X=5868071.40, Y=14827123.14		
										ELEVATION = 5273.82, NAD83, IN FEET	
										RECORDED BY	
										DATE	
										NO.	

CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM			
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) CONSTRUCTION PLAN			
Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
CITY PROJECT NO. 661100	ZONE MAP NO. K-17-Z	SHEET 6	OF 21



GENERAL NOTES:

1. CONTRACTOR SHALL PAINT THE FIRST 10' OF CURB ON MEDIAN NOSES PER COA SPECIFICATIONS SECTION 151 (TYPICAL OF ALL).
2. SEE SHEET 3 FOR KEY TO SURVEY SYMBOLS.

KEYED NOTES:

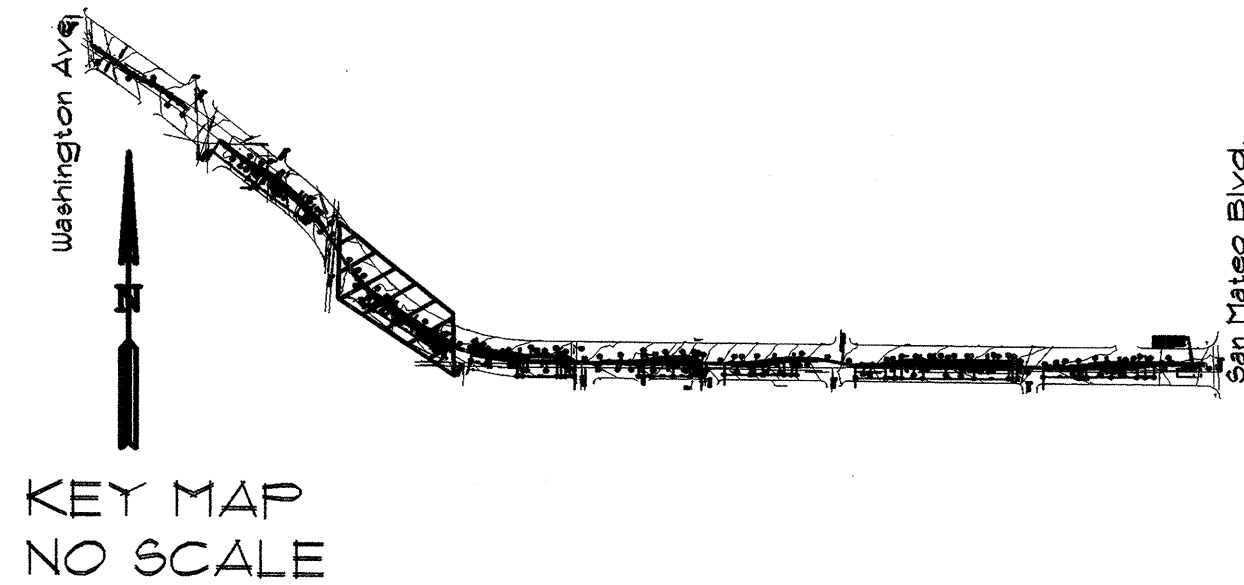
1. CONSTRUCT CONCRETE PAVING IN MEDIAN. REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1.
2. CONTROL JOINT (TYP.). REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1.
3. EXPANSION JOINT (TYP.). REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1.
4. REPLACE CURB AND GUTTER TO MATCH EXISTING MEDIAN CURB AND GUTTER. REFERENCE DETAIL E/10.
5. LIMIT OF NEW CURB AND GUTTER (SEE DEMO PLAN FOR DIMENSIONS).
6. INSTALL BOULDER (TYP.). BOULDERS SHALL BE MOSS ROCK MAX. 30" DEEP, WITH PLAN DIMENSIONS VARYING FROM 12" X 12" MIN. TO 36" X 36" MAX. REFERENCE DETAIL A/10. BOULDER LOCATIONS TO BE CHECKED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
7. CONSTRUCT CONCRETE EDGER TO MEDIAN CONCRETE PAVING. REFERENCE DETAIL B/10.
8. CONSTRUCT CONCRETE EDGER. REFERENCE DETAIL C/10.
9. INSTALL 4" DEPTH 1" SANTA FE BROWN GRAVEL MULCH WITH FILTER FABRIC UNDER. FILTER FABRIC SHALL BE MIN 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPYLENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3", TURN DOWN EDGES 6".
10. TOP OF SWALE. REFERENCE DETAIL C/10.
11. PLASTIC CROSSWALK STRIPING: TWO 12" WIDE PLASTIC STRIPES, 10'-0" APART AT LOCATION OF EXISTING CROSSWALK.
12. 6" DEPTH ASPHALT PAVING PER C.O.A. DWG. 2465, ~~CONCRETE~~ **ARTERIAL**.

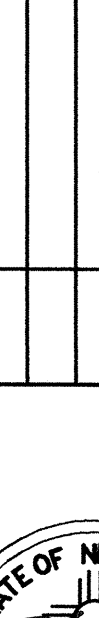
CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES:

1. CONCRETE PAVING IN MEDIAN SHALL BE CONSTRUCTED PER COA DWG. 2720.
2. CONCRETE PAVING IN MEDIAN SHALL HAVE CONTROL JOINTS AS SHOWN ON THE PLANS.
3. CONCRETE PAVING IN MEDIAN SHALL HAVE EXPANSION JOINTS AS SHOWN ON THE PLANS.
4. EXPANSION JOINTS SHALL BE 1/2" EXPANSION FELT. FELT SHALL BE NEATLY TRIMMED 1/4" BELOW THE WALK SURFACE.
5. EXPANSION JOINTS SHALL BE PLACED AT ALL LOCATIONS WHERE THE CONCRETE MEDIAN PAVING ABUTS CURBS, UTILITY BOXES, UTILITY STRUCTURES OR OTHER HARD CONSTRUCTION ELEMENT.
6. UNLESS OTHERWISE INDICATED, FINISH OF THE CONCRETE MEDIAN PAVING SHALL BE A MEDIUM BROOM FINISH.
7. UNLESS OTHERWISE INDICATED, CONCRETE MEDIAN PAVING SHALL BE INTEGRALLY COLORED WITH QC CONSTRUCTION PRODUCTS IC-2 CINNAMON DUST MIXED PER MANUFACTURER'S INSTRUCTIONS - ONE BAG OF QC INTEGRAL COLOR PER CUBIC YARD. CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE (C.O.A.) TO TEST THE CONCRETE AND OBTAIN C.O.A. APPROVAL PRIOR TO PLACEMENT. AVAILABLE FROM ZIA CONCRETE SUPPLY CO., PH. (505) 246-9848.
8. CONTRACTOR SHALL ADJUST HEIGHT OF ALL UTILITY STRUCTURES WITHIN LIMITS OF CONSTRUCTION TO BE FLUSH WITH FINISH GRADE.
9. FINISHED GRADE OF MEDIAN CONCRETE SHALL BE FLUSH WITH TOP OF CURB - TYPICAL OF ALL MEDIANS.

0 10 20 40 110
SCALE: 1" = 20'

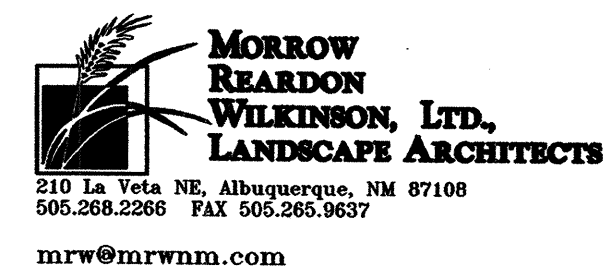
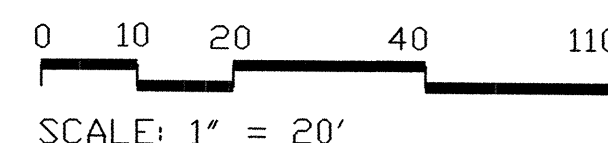
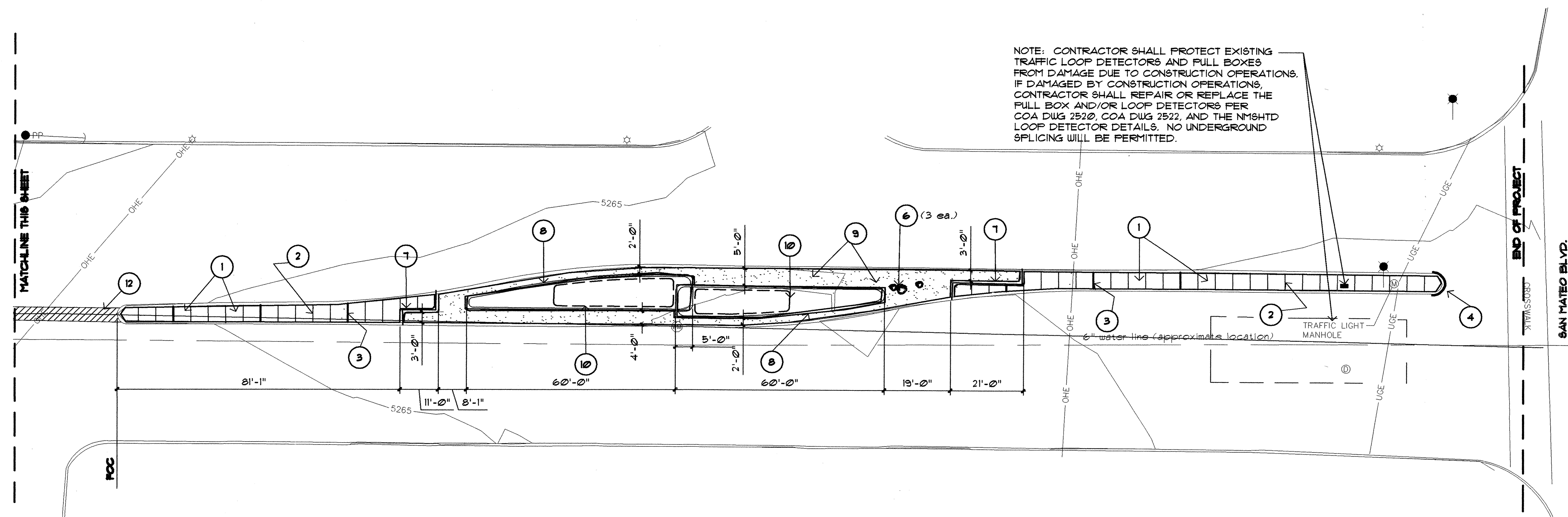
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LANDSCAPE ARCHITECTS
210 La Vista NE, Albuquerque, NM 87108
505.263.2265 FAX 505.263.9537
mrw@mrwnm.com


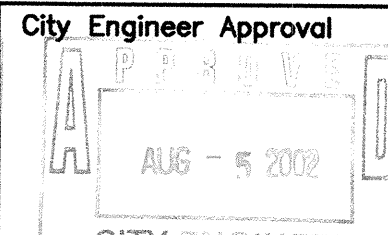



ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
	FIELD NOTES						
	NO.	BY	DATE				
REVISIONS							
DESIGN						MICRO-FILM INFORMATION	
DESIGNED BY	BHM/AG	DATE	JULY 2002				
DRAWN BY	AG	DATE	JULY 2002				
CHECKED BY	BHM	DATE	JULY 2002				

CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM			
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) CONSTRUCTION PLAN			
Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
CITY PROJECT NO. 661100		ZONE MAP NO. K-17-Z	SHEET 7 OF 21

[illegible]



CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM				
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) CONSTRUCTION PLAN				
Design Review Committee 		City Engineer Approval 		Last Design Update 
CITY PROJECT NO. 661100		ZONE MAP NO. K-17-Z		SHEET 9 OF 21

GENERAL NOTES:	
1.	REFERENCE SHEET 1 FOR MEDIAN CONCRETE PAVING CONSTRUCTION NOTES.
2.	CONTRACTOR SHALL PAINT THE FIRST 10' OF CURB ON MEDIAN NOSES PER COA SPECIFICATIONS SECTION 1B1 (TYPICAL OF ALL).
3.	SEE SHEET 3 FOR KEY TO SURVEY SYMBOLS.

KEYED NOTES:

- 1 CONSTRUCT CONCRETE PAVING IN MEDIAN. REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1 OF 20.
- 2 CONTROL JOINT (TYP.). REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1.
- 3 EXPANSION JOINT (TYP.). REFERENCE CONCRETE PAVING IN MEDIAN CONSTRUCTION NOTES SHEET 1.
- 4 REPLACE CURB AND GUTTER TO MATCH EXISTING MEDIAN CURB AND GUTTER. REFERENCE DETAIL E/0.
- 5 LIMIT OF NEW CURB AND GUTTER (SEE DEMO PLAN FOR DIMENSIONS).
- 6 INSTALL BOULDER (TYP.). BOULDERS SHALL BE MOSS ROCK, MAX. 30" DEEP, WITH FLAN DIMENSIONS VARYING FROM 12" X 12" MIN. TO 36" X 36" MAX. REFERENCE DETAIL A/0. BOULDER LOCATIONS TO BE CHECKED IN THE FIELD BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- 7 CONSTRUCT CONCRETE EDGER TO MEDIAN CONCRETE PAVING. REFERENCE DETAIL B/0.
- 8 CONSTRUCT CONCRETE EDGER. REFERENCE DETAIL C/0.
- 9 INSTALL 4" DEPTH 1" SANTA FE BROWN GRAVEL MULCH WITH FILTER FABRIC UNDER. FILTER FABRIC SHALL BE MIN 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPYLENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3', TURN DOWN EDGES 6'.
- 10 TOP OF SWALE. REFERENCE DETAIL C/0.
- 11 PLASTIC CROSSWALK STRIPING: TWO 12" WIDE PLASTIC STRIPS, 10'-0" APART AT LOCATION OF EXISTING CROSSWALK.
- 12 6" DEPTH ASPHALT PAVING PER C.O.A. DWG. 2465, ~~CON-3-2-11-25~~ **CARTER**

[illegible]

DESIGNED BY	BHM/AG	DATE	JULY 2002
DRAWN BY	AG	DATE	JULY 2002
CHECKED BY	BHM	DATE	JULY 2002



BOULDER 110795

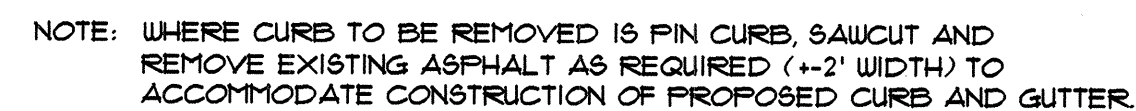


EDGER 10190



12" SUBGRADE COMPACTE

NEWCUREB 101901


$$\frac{F}{10}$$


GUREBREM OV 10190

Design Review Committee

APPROVED


JUL 30 2002

DESIGN
REVIEW COMMITTEE

City Engineer Approval
APPROVED
AUG - 5 2002
CITY ENGINEER

Last Design Updates

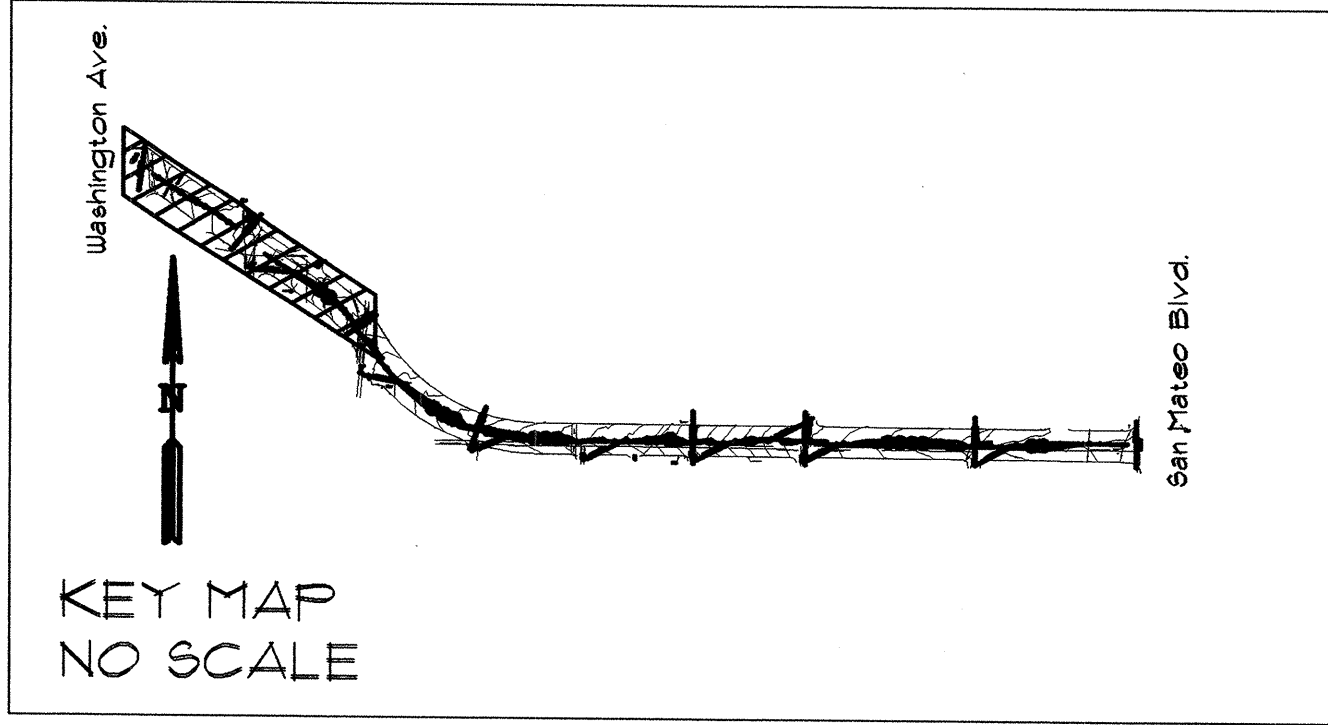
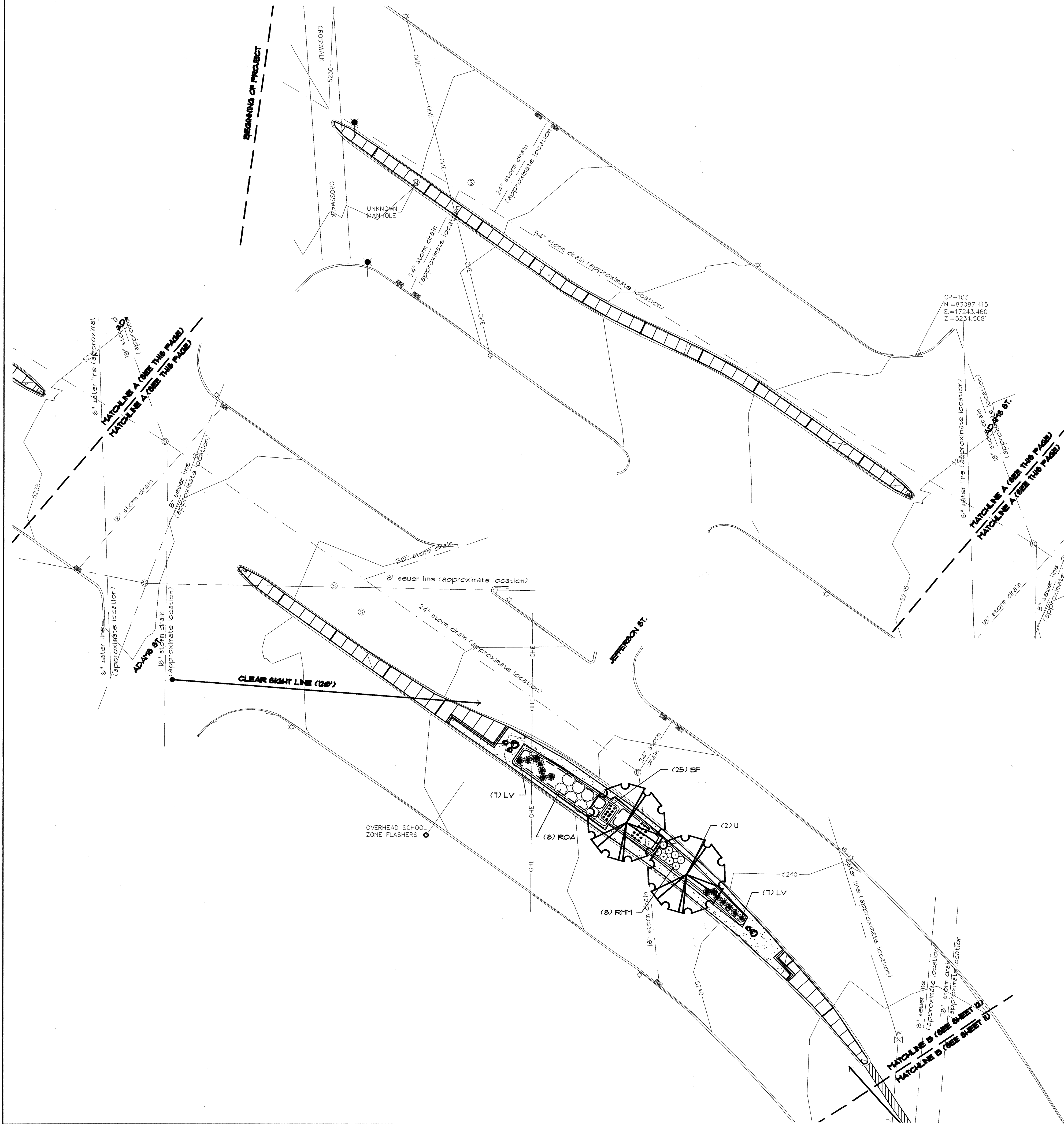
Mo./Day./yr.	Mo./Day./yr.



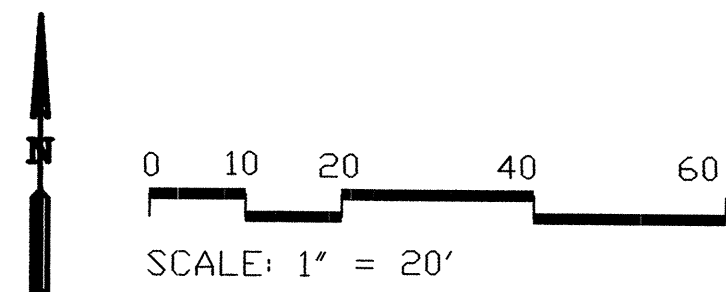
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210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637

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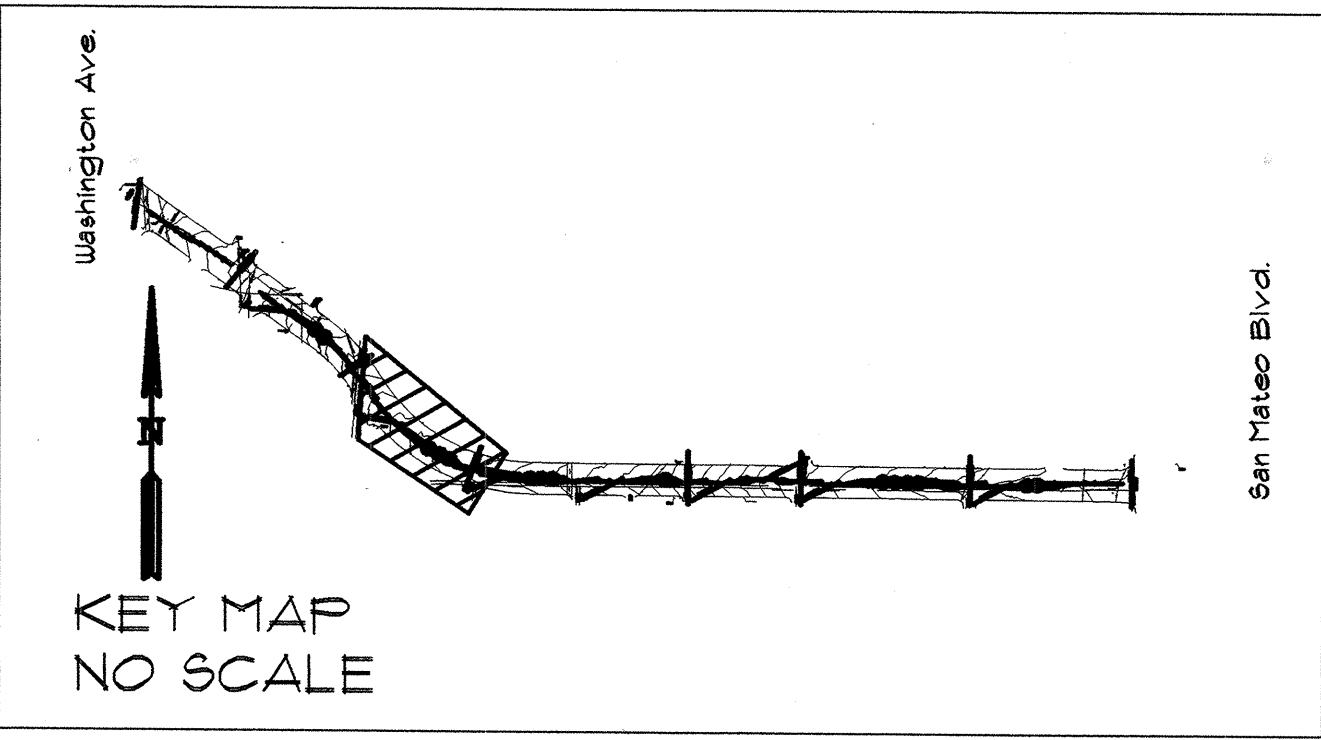
NOTE: SEE SHEET 12 FOR PLANT LIST AND PLANTING NOTES.



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CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM			
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) PLANTING PLAN			
Design Review Committee APPROVED M 30 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED AUG - 5 2002 CITY ENGINEER	Mo/Day/Yr. Last Design Updates	Mo/Day/Yr.
CITY PROJECT NO. 671100	ZONE MAP NO. K-17-Z	SHEET 11	OF 21

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION			
		FIELD NOTES		BENCH-MARK: ACS ALUMINUM CAP STAMPED "9" K.T. 1984"	CONTRACTOR				
		NO.	BY				DATE	INTERSECTION OF ZUNI RD. AND WASHINGTON STREET	DATE
								GEOGRAPHIC POSITION (NAD 1983) IN FEET	DATE
								NUT. STATE PLANE COORDINATES (CENTRAL ZONE)	DATE
								X=956807.462 Y=148273.14	DATE
								ELEVATION = 5229.82 NAVD83 IN FEET	
REVISIONS		DESIGN		MICRO-FILM INFORMATION					
NO.	DATE	REMARKS	BY	DESIGNED BY	BHM/AG	DATE JULY 2002			
				DRAWN BY	AG	DATE JULY 2002			
				CHECKED BY	BHM	DATE JULY 2002			



PLANT LIST						
KEY	COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE		COMMENTS
				INSTALLED	MATURE	
<u>TREES</u>						
CHP	Chinese Pistache	Pistacia chinensis	6	2" cal. 12' - 14' ht.	30' ht. 4 spd.	24" box
NMO	New Mexico olive	Forestiera neomexicana	17	4' - 6' ht.	15' ht. 4 spd.	15 gallon
U	Urbanite Ash	Fraxinus pennsylvanica 'Urbanite'	9	2" cal. 12' - 14' ht.	30' ht. 4 spd.	24" box
<u>SHRUBS</u>						
BF	Blue fescue	Festuca ovina glauca 'Sea Urchin'	176	Min. 4" ht.	18" ht., 15" spd.	5 gallon
LV	Lavender	Lavandula angustifolia	59	Min. 6" ht.	18" ht., 3' spd.	5 gallon
ROA	Dwarf rosemary	Rosmarinus officinalis 'Prostratus'	26	Min. 10" spd.	2' ht., 5' spd.	5 gallon
RTM	Regal mist	Muhlenbergia capellensis 'Regal Mist'	98	Min. 10" ht.	3' ht. 4 spd.	5 gallon


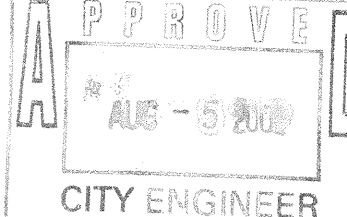
1. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLANT SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BEGINNING INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.
2. A 2" DEPTH OF 'SANTA ANA TAN' CRUSHER FINES MULCH WITH FILTER FABRIC UNDER SHALL BE INSTALLED THROUGHOUT PLANTING BEDS. FILTER FABRIC SHALL BE MIN. 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPYLENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3', TURN DOWN EDGES 6'.
3. THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES TO 6 FEET ABOVE FINISH GRADE.
4. TREES AND SHRUBS SHALL BE PLANTED PER C.O.A. STANDARD DUGS, 2715 x 2718 (81M - 2" DEPTH MULCH).
5. SEE SHEET 3 FOR KEY TO SURVEY SYMBOLS.




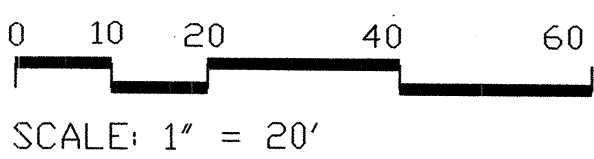
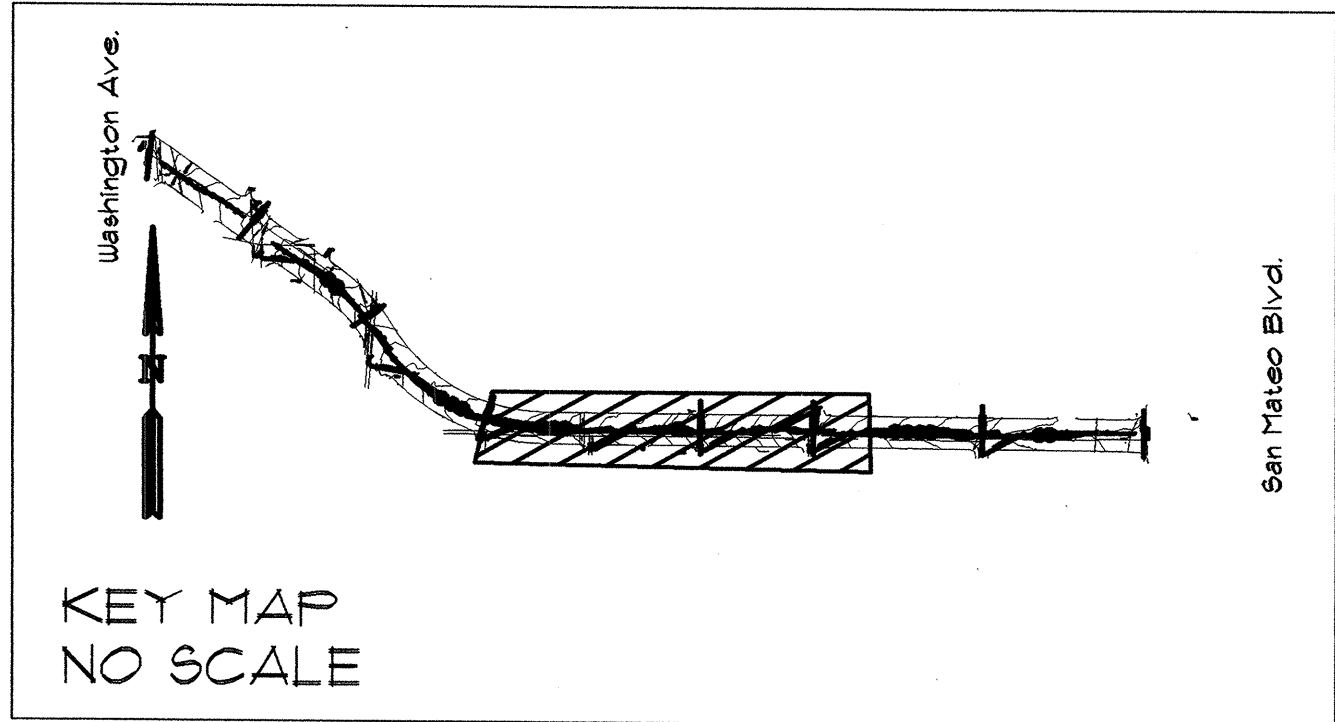
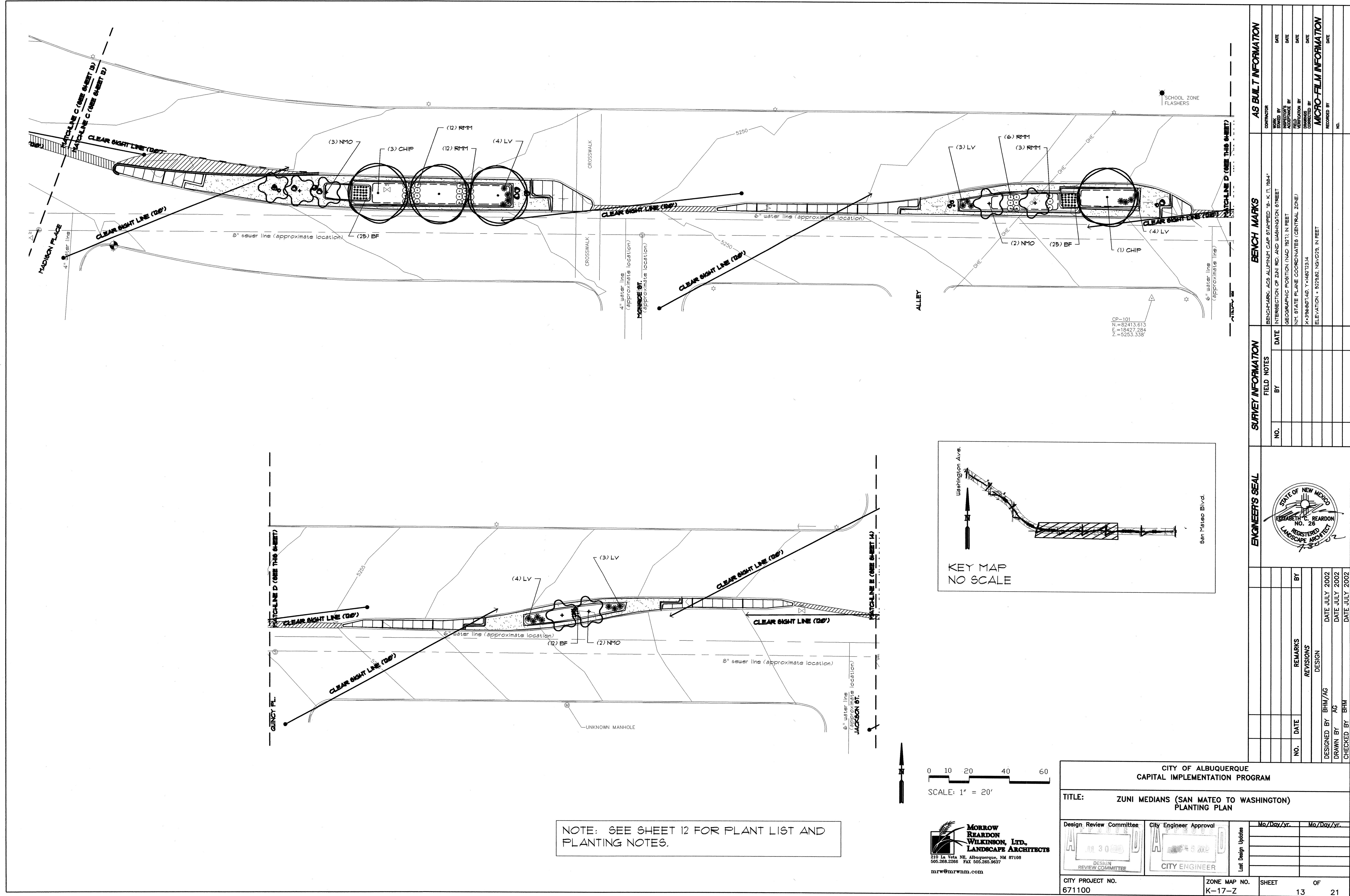
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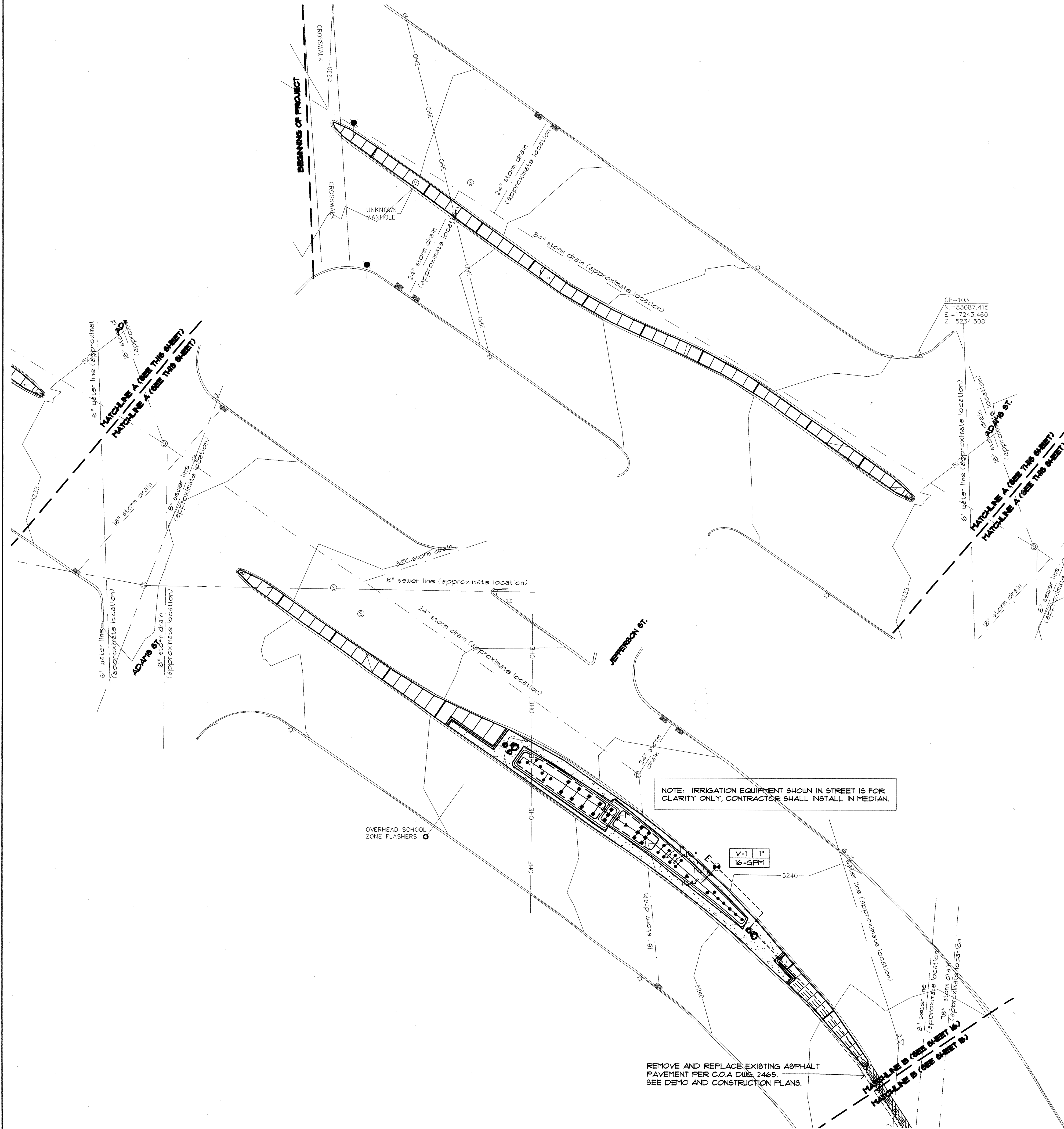
CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM				
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) PLANTING PLAN				
Design Review Committee	City Engineer Approval	Last Design Updates	Mo./Day/Yr.	Mo./Day/Yr.
				
CITY PROJECT NO. 671100	ZONE MAP NO. K-17-Z	SHEET	OF	21

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
<div> ELIZABETH C. REARDON NO. 26 REGISTERED LANDSCAPE ARCHITECT <i>7/25/02</i></div>		FIELD NOTES		BENCH MARK: ACS ALUMINUM CAP 9" DIA REED "9 - K 17, 1984" INTERSECTION OF SAN RD. AND WASHINGTON STREET GEOGRAPHIC POSITION (NAD 83): IN FEET N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X=356,607.46 Y=14,627,733.14 ELEVATION = 5273.82; NAVD83, IN FEET		CONTRACTOR WORK STARTED BY ACCEPTANCE BY FIELD REVISIONS BY D. CONNECTED TO	
		NO.	BY				
DESIGNED BY	BHM/AG	DATE	JULY 2002				
DRAWN BY	AG	DATE	JULY 2002				
CHECKED BY	BHM	DATE	JULY 2002				
REVISIONS							
DESIGN							

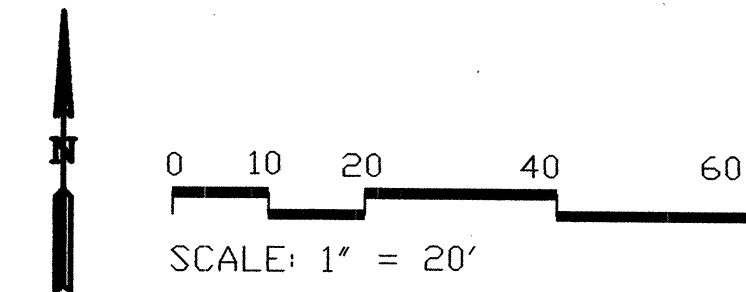


CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM			
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) PLANTING PLAN			
Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
Last Design Updates			
CITY PROJECT NO. 671100	ZONE MAP NO. K-17-Z	SHEET 13	OF 21

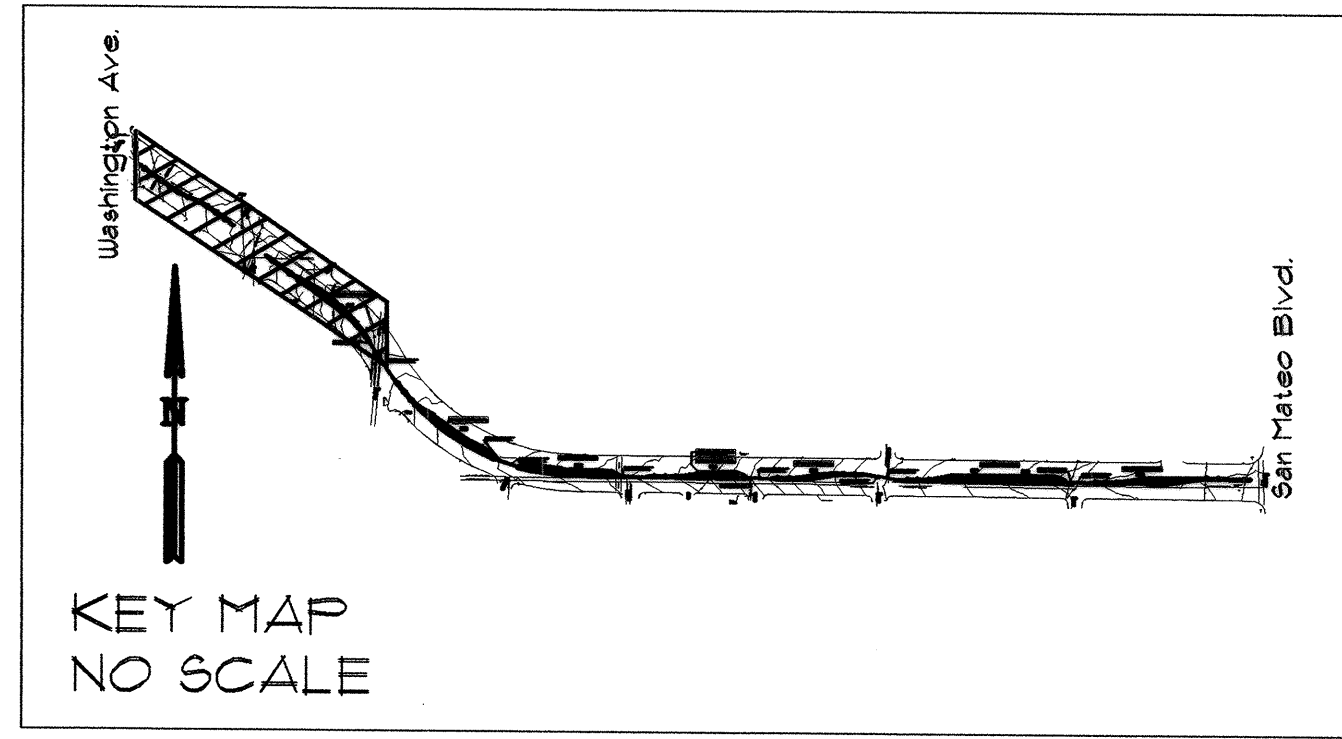
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
<div></div>		FIELD NOTES		BENCH MARK: ACS ALUMINUM CAP STAMPED "9" K 11 1984"		CONTRACTOR	
		NO.	BY	DATE	INTERSECTION OF ZUNI RD AND WASHINGTON STREET		WORK
					GEOGRAPHIC POSITION (NAD 1983) IN FEET		SPACED BY
					N.M. STATE PLANE COORDINATES (CENTRAL ZONE)		ACCEPTANCE BY
					X=986697.40 Y=148713.14		FIELD
					ELEVATION = 5259.82 NAVD83 IN FEET		DOWN BY
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							CORRECTED BY
		MICRO-FILM INFORMATION					
						RECORDED BY	
						DATE	
						NO.	




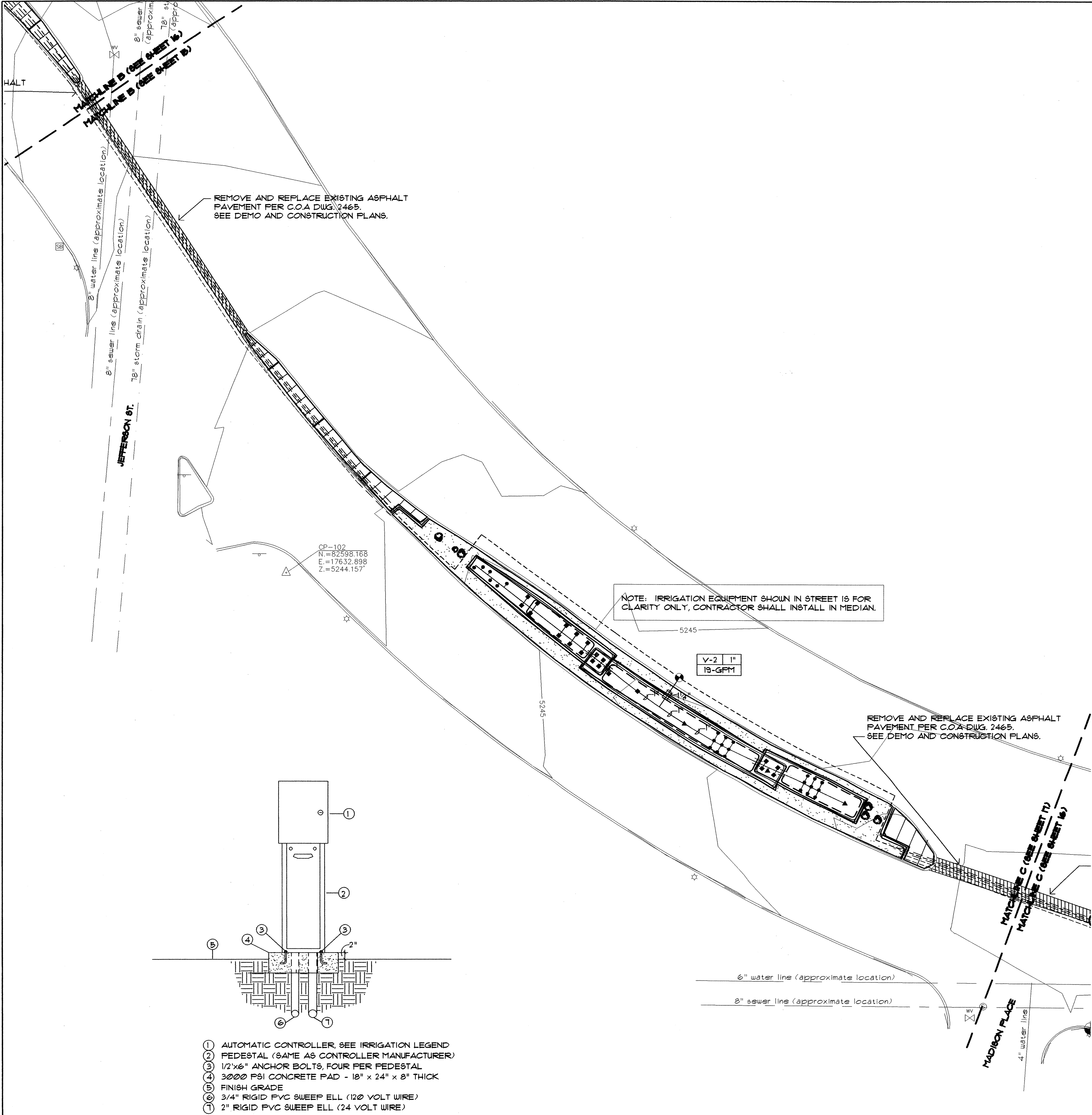
FOR IRRIGATION LEGEND AND
NOTES SEE SHEET 16



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ENGINEER'S SEAL										SURVEY INFORMATION				BENCH MARKS				AS BUILT INFORMATION					
<div><p>ELIZABETH C. REARDON REGISTERED LANDSCAPE ARCHITECT NO. 26 7.58.02</p></div>										NO.		BY		DATE		BENCHMARK: ACS ALPHEAN CAP STATIONED 9'-K.T. 1994"				CONTRACTOR			
																INTERSECTION OF ZUNI RD. AND WASHINGTON STREET				DATE			
																GEOGRAPHIC POSITION (NAD 1983), IN FEET				DATE			
																N.M. STATE PLANE COORDINATES (CENTRAL ZONE)				DATE			
NO.		DATE		REMARKS		BY		X=596807.40, Y=48273.14		ELEVATION = 5229.82, NAD 83, IN FEET		RECORDED BY		NO.									
DESIGNED BY		ARU		DATE		JULY 2002																	
DRAWN BY		AG		DATE		JULY 2002																	
CHECKED BY		BHM		DATE		JULY 2002																	
PROGRAM																							
(WASHINGTON)																							
Mo./Day/Yr.										Mo./Day/Yr.													
SHEET										OF													
15										21													



IRRIGATION LEGEND

[M] WATER METER, SIZE 15". INSTALL PER C.O.A. DRAWING NO. 2363 AND 2367

===== MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW

----- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW

----- IRRIGATION MAIN LINE, SCH. 40, BELL-END, SOLVENT WELD PVC, SIZE 15". DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN AND 18" FOR NON-CONTINUOUS

----- LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC, SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". SIZES NOT SHOWN ON PLAN SHALL BE 3/4"

[P] BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY, FEBCO 860U, 15" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH BALL VALVES IN HOT BOX MODEL NO. 2 HEATED AND INSULATED BACKFLOW ENCLOSURE AND WEATHERMATIC 11024-FCR PLASTIC BODY 24-VOLT MASTER VALVE, SIZE 15". INSTALL PER C.O.A. DRAWING NO. 2710

[F] ARAD FLOW METER ASSEMBLY, SIZE 15" INSTALL PER C.O.A. DRAWING NO. 2703

[R] REMOTE CONTROL VALVE ASSEMBLY, WEATHERMATIC 11024-FCR PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. INSTALL PER C.O.A. DRAWING NO. 2703

[C] SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.

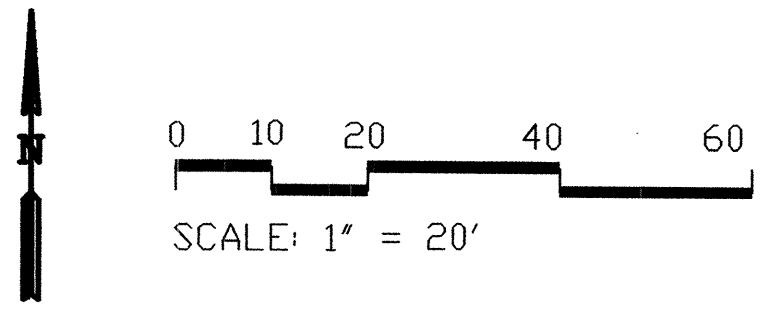
[B] PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NO. 2710, 2711 AND 2711-A

MODEL NO.	GPM	PSI
1401	25	30
1402	50	30
1404	100	30

[C] IRRIGATION CONTROLLER, SCORPIO EIGHT STATION PEDESTAL MOUNT CONTROLLER WITH INTERNAL TRANSFORMER, DOME ANTENNA ON C.O.A. FREQUENCY. INSTALL IN INTERSPEC ENCLOSURE. INSTALL PER DETAIL A/16

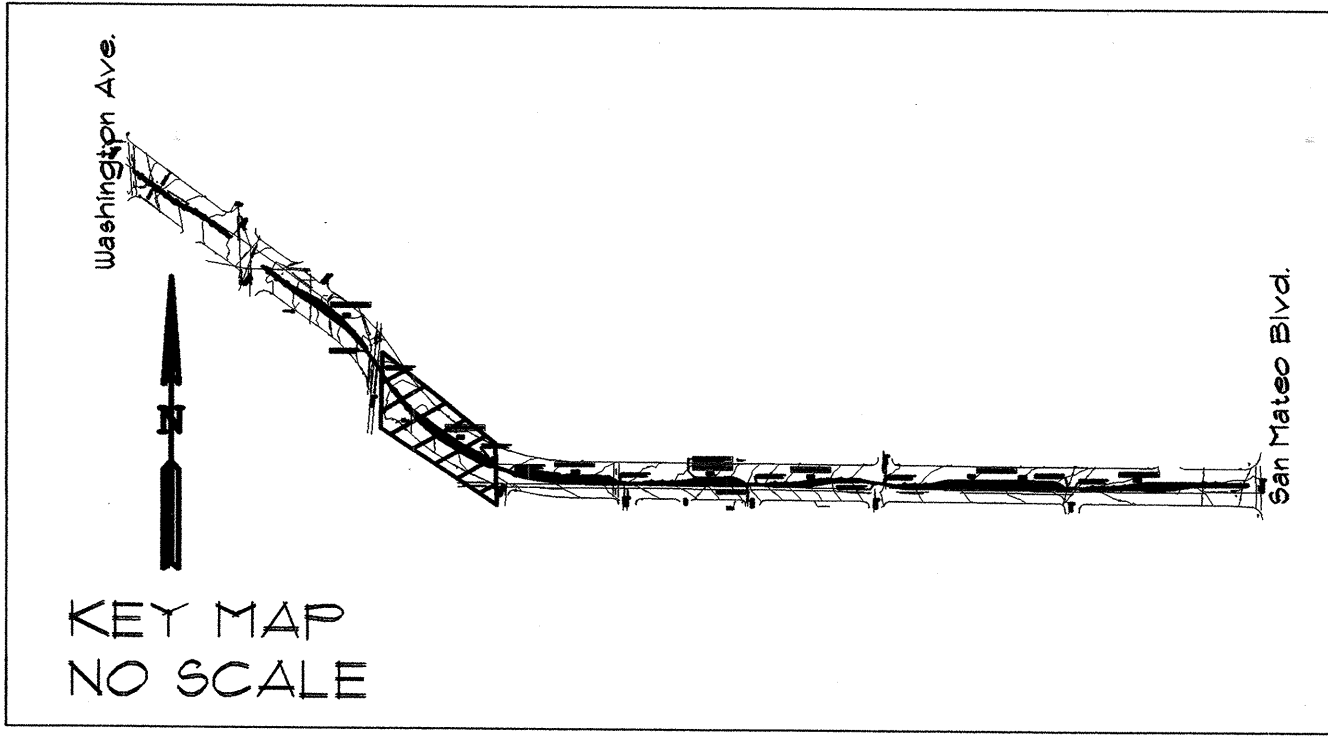
IRRIGATION NOTES

- THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 60 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 60 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY. THE PRESSURE READING SHALL BE PERFORMED IN THE PRESENCE OF THE OWNER'S AUTHORIZED REPRESENTATIVE. RESULTS SHALL BE INCLUDED IN THE CONTRACTOR'S IRRIGATION EQUIPMENT SUBMITTAL INDICATING DATE AND TIME OF PRESSURE READING AND THE NAME OF ATTENDING OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF SLEEVE PIPING WITH ALL TRADES TO INSURE THAT SLEEVES ARE INSTALLED PROPERLY PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVING, SIDEWALKS, CONCRETE PADS, ETC. SLEEVES SHALL BE INSTALLED UNDER ALL HARD SURFACES, INCLUDING HARD SURFACES WITHIN MEDIAN.
- CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS. (C.O.A. REFERS TO "CITY OF ALBUQUERQUE").
- THE CONTRACTOR SHALL PROVIDE TWO 120-VOLT, 20 AMP CIRCUITS FROM ELECTRICAL SOURCE TO IRRIGATION CONTROLLER AND BACKFLOW PREVENTER ENCLOSURE (ONE TO EACH). ALL WORK AND MATERIALS SHALL MEET LOCAL CODES AND THE NATIONAL ELECTRIC CODE (N.E.C.). SEE ELECTRICAL DRAWINGS, SHEET 19 OF 20.
- CONTRACTOR SHALL LOCATE IRRIGATION LINES AS FAR FROM CENTER LINE OF MEDIAN AS POSSIBLE TO AVOID FUTURE DAMAGE BY TREE ROOTS.
- SEE SHEET 3 FOR KEY TO SURVEY SYMBOLS.

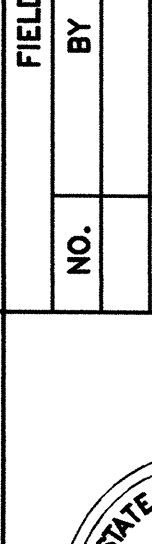


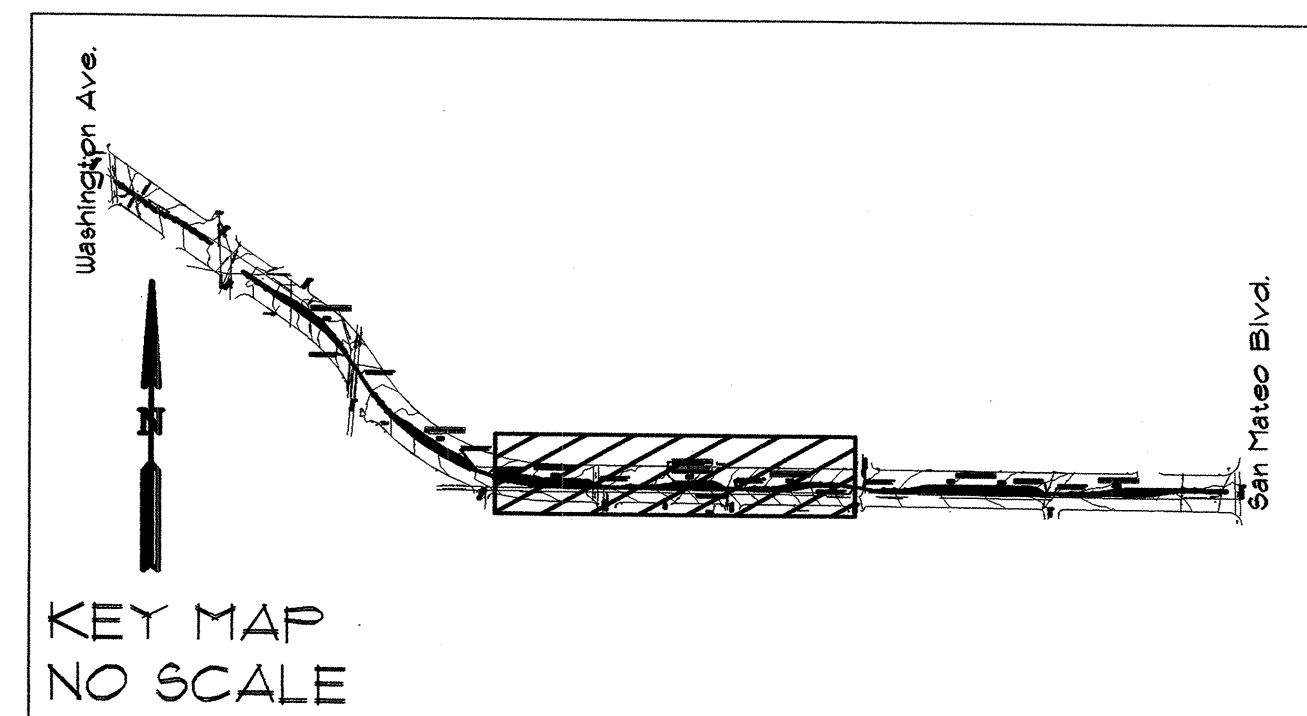
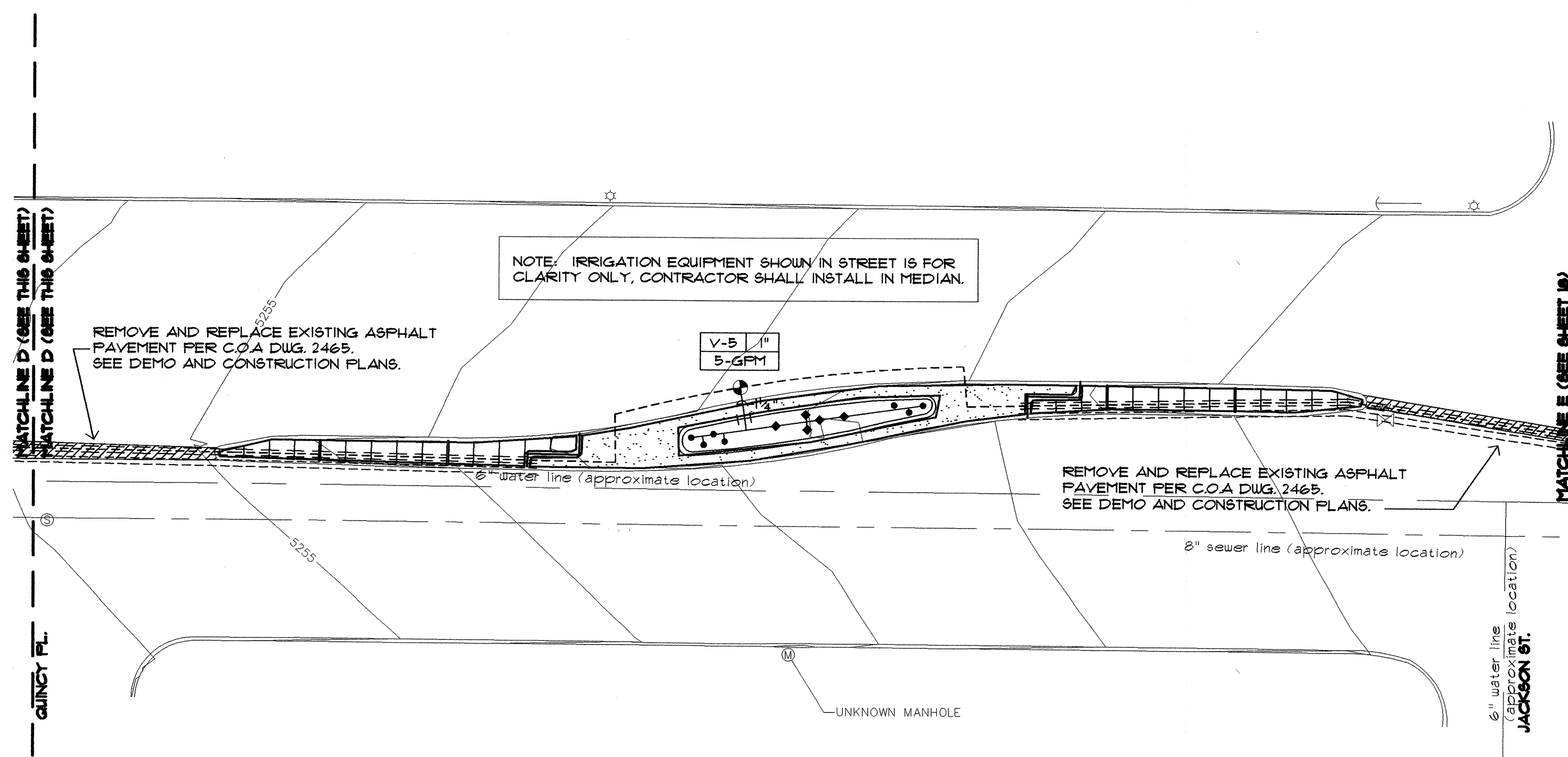
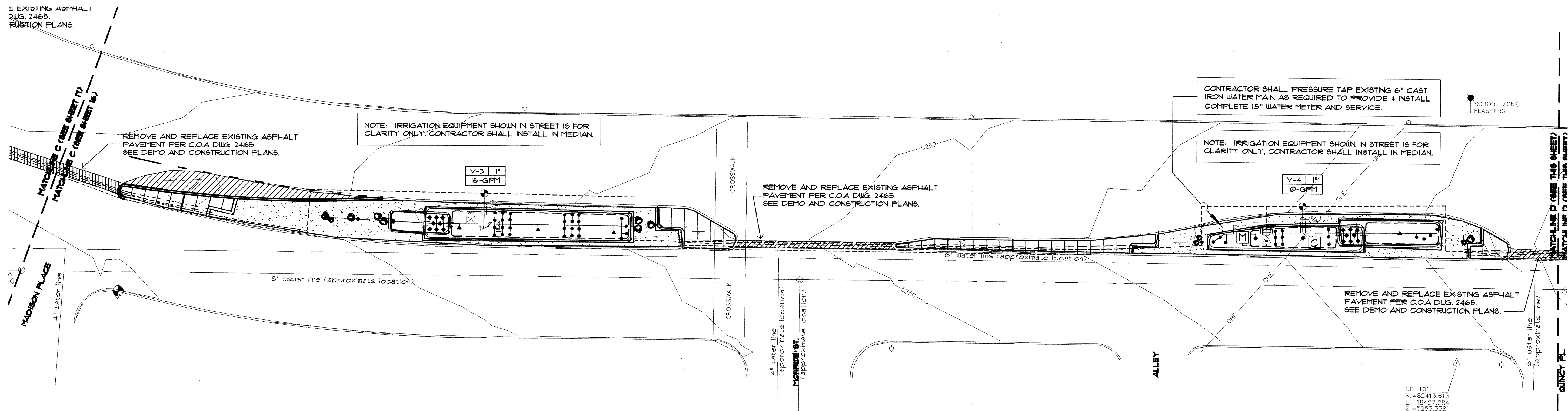
MORROW REARDON WILKINSON, LTD., LANDSCAPE ARCHITECTS

210 La Veta NE, Albuquerque, NM 87108
505.268.2285 FAX 505.265.9537
mrw@mrwnm.com

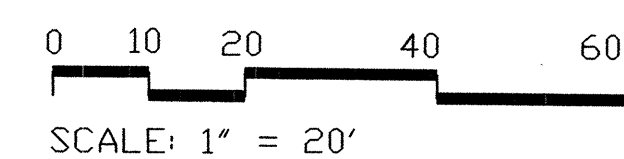


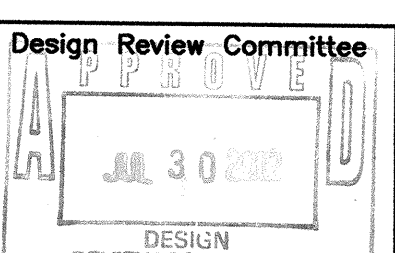
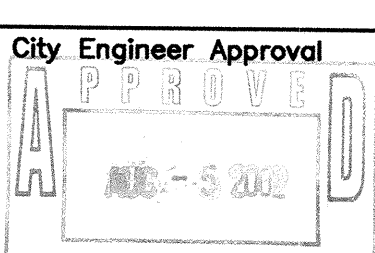
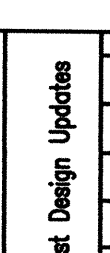
A 16 AUTOMATIC CONTROLLER NT.S.

ENGINEER'S SEAL				SURVEY INFORMATION				BENCH MARKS				AS BUILT INFORMATION															
				FIELD NOTES				BENCH MARK: ACS ALUMINUM CAP STAFFED "9-KIT" 1984"				CONTRACTOR															
				<table><thead><tr><th colspan="2">BY</th><th>DATE</th></tr></thead><tbody><tr><td>NO.</td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>				BY		DATE	NO.									INTERSECTION OF ZUNI RD. AND WASHINGTON STREET				WORK SHOWN BY			
								BY		DATE																	
								NO.																			
GEOREFERENCE POSITION (NAD 1983) IN FEET				DATE																							
N.M. STATE PLANE COORDINATES (CENTRAL ZONE)				FIELD ADJUSTMENT BY				DATE																			
X=3966807.40 Y=1482713.14				REMARKS CORRECTED BY				DATE																			
ELEVATION = 5279.92, NAVD83, IN FEET				MICRO-FILM INFORMATION																							
				RECORDED BY				DATE																			
				NO.																							

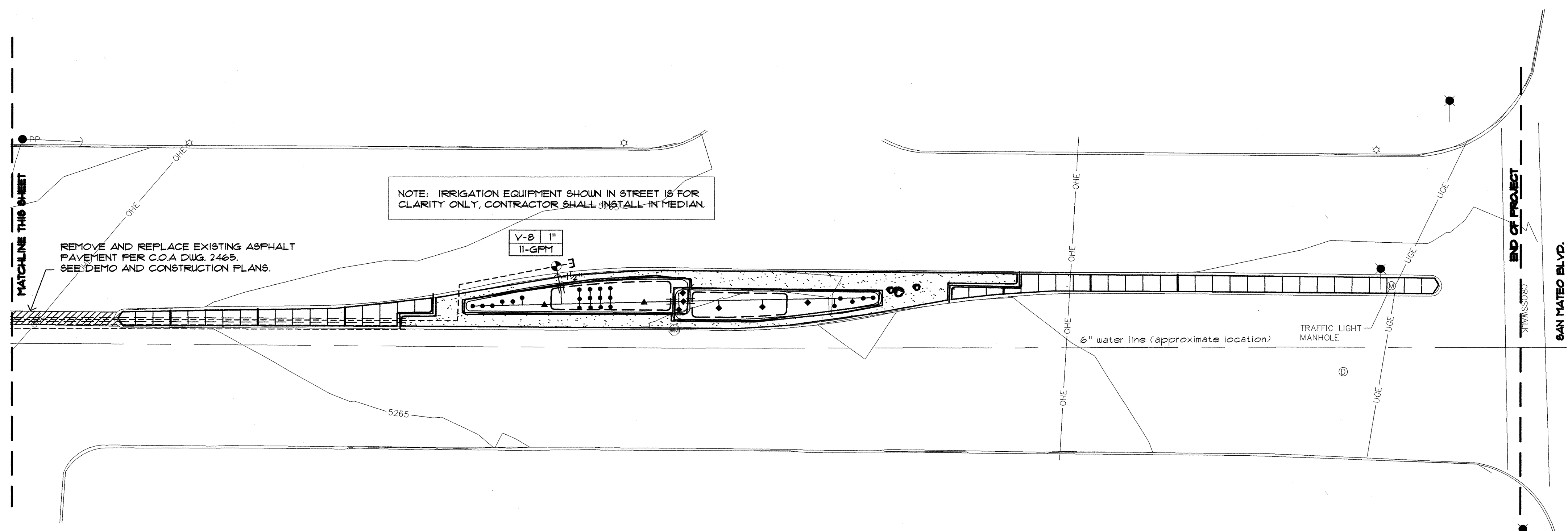


FOR IRRIGATION LEGEND AND
NOTES SEE SHEET 16



CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM															
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) IRRIGATION PLAN															
Design Review Committee 	City Engineer Approval 	Last Design Update 	<table border="1"> <thead> <tr> <th>Mo/Day/Yr.</th> <th>Mo/Day/Yr.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Mo/Day/Yr.	Mo/Day/Yr.										
Mo/Day/Yr.	Mo/Day/Yr.														
CITY PROJECT NO. 671100		ZONE MAP NO. K-17-Z	SHEET OF 17 21												

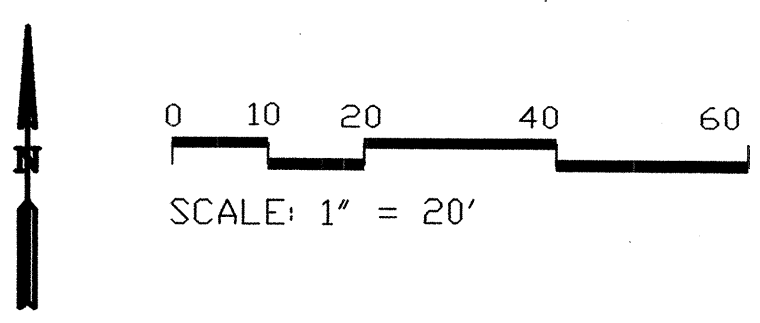
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Washington Ave

San Mateo Blvd

KEY MAP
NO SCALE



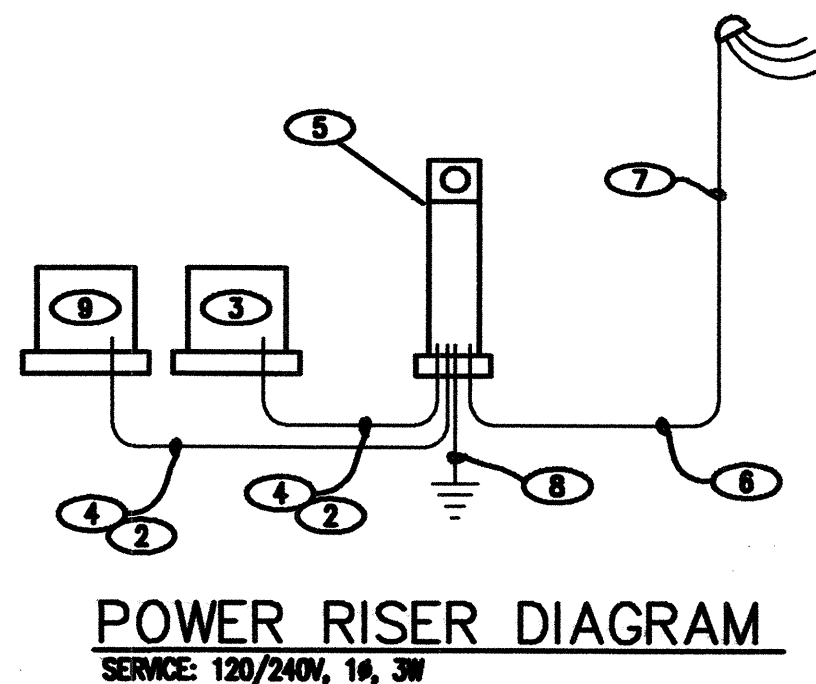
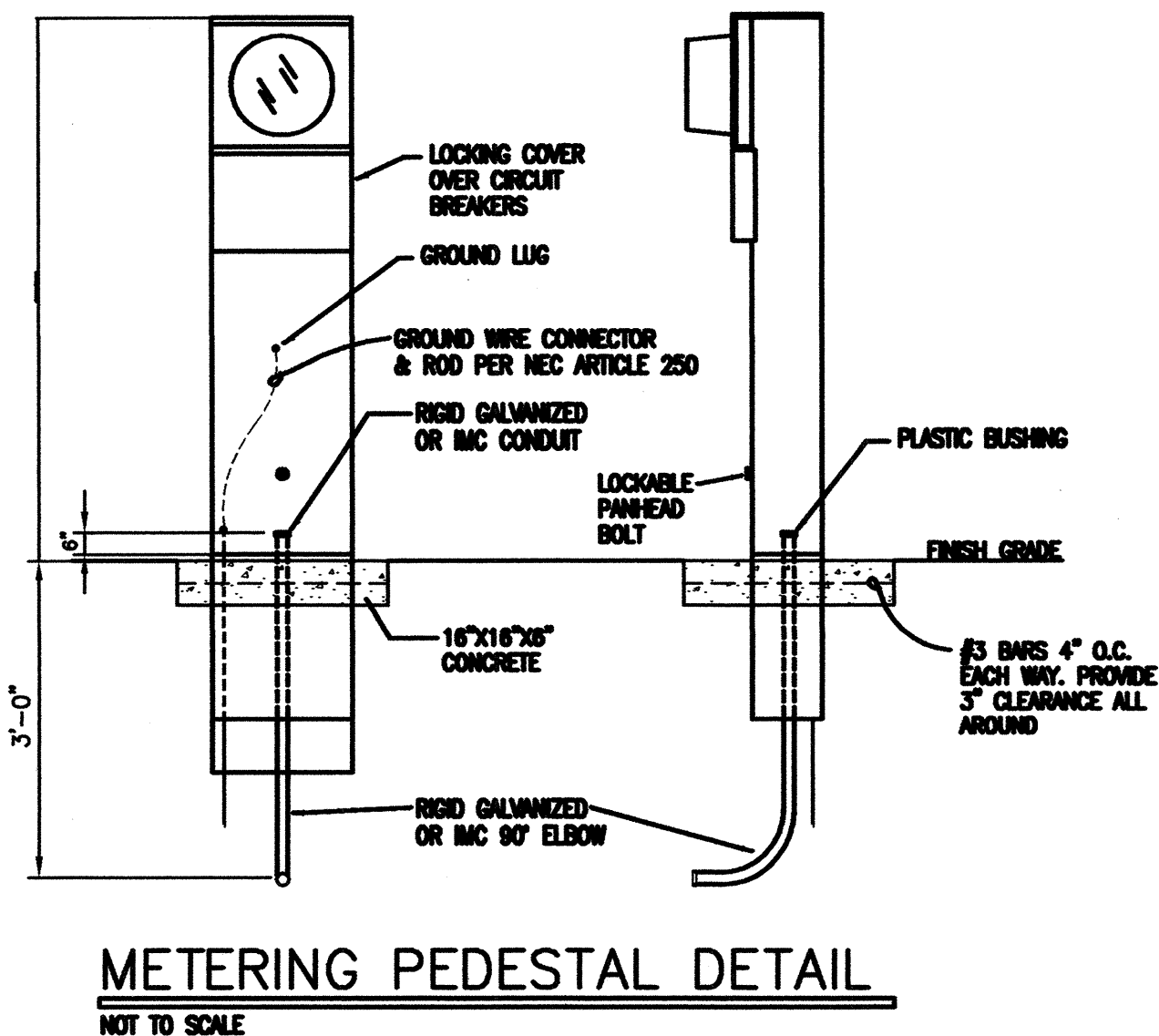
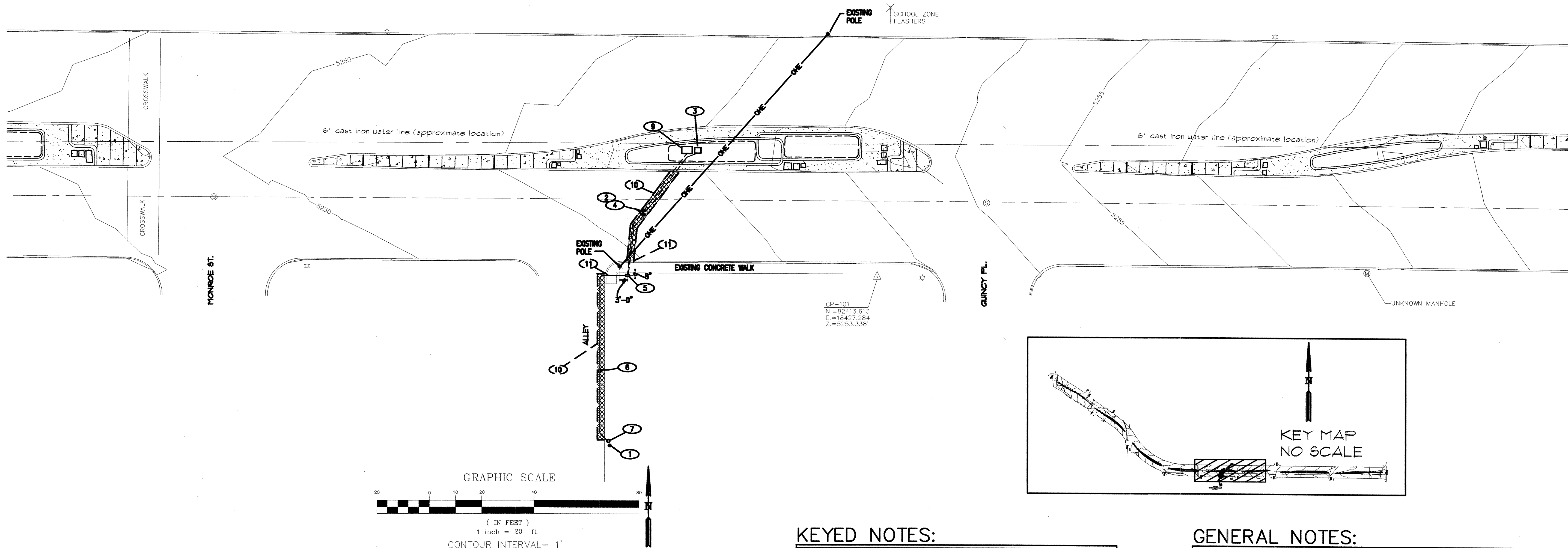
**MORROW
REARDON
WILKINSON, LTD.,
LANDSCAPE ARCHITECTS**

210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637

mrw@mrwnm.com

CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM																	
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) IRRIGATION PLAN																	
Design Review Committee APPROVED JUL 30 1992 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE JUL - 5 1992 CITY ENGINEER	Design Updates Last	<table><tr><th>Mo/Day/Yr.</th><th>Mo/Day/Yr.</th></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>	Mo/Day/Yr.	Mo/Day/Yr.												
Mo/Day/Yr.	Mo/Day/Yr.																
CITY PROJECT NO. 671100	ZONE MAP NO. K-17-Z	SHEET	OF 18 21														

[illegible]



KEYED NOTES:

- EXISTING WOOD POLE AND TRANSFORMER TO REMAIN.
- INSTALL CONDUIT UNDERNEATH PAVEMENT.
- IRRIGATION CONTROLLER, PROVIDE WEATHERPROOF J-BOX AND CONNECT. REFER TO IRRIGATION PLAN FOR EXACT LOCATION.
- 2-#10 THIN CU. AND 1-#12 GROUND IN 1" PVC CONDUIT, MINIMUM BURY 36".
- INSTALL 120/240V, 1A METERING PEDESTAL WITH 100A/2P MAIN BREAKER AND A MINIMUM OF 4 - 20A/1P BREAKERS PER PHM STANDARD DRAWING #05-4-10.0.
- INSTALL 2" SCHEDULE 80 PVC CONDUIT WITH 3-#2 THIN CU.
- INSTALL 2" RIGID CONDUIT RISER WITH 3-#2 THIN CU. PER PHM STANDARD DRAWING REQUIREMENTS.
- GROUND CONNECTION, REFER TO DETAIL THIS SHEET.
- IRRIGATION BACKFLOW PREVENTER ENCLOSURE. PROVIDE WEATHERPROOF J-BOX INSIDE AND GET DUPLEX RECEPTACLE WITH IN USE WEATHERPROOF COVER AND CONNECT HEATER, 1000 WATT MAX., 120V-1A. VERIFY EXACT LOCATION WITH IRRIGATION PLAN.
- REMOVAL AND REPLACEMENT OF ASPHALT TO BE PER CITY OF ALBUQUERQUE STD. DRAWING 2465. (SIMILAR, 6" ASPHALT THICKNESS IN 3-2" LIFTS).
- BORE CONDUITS UNDER CONCRETE WALK.

CONTRACTOR UTILITY NOTE

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION, DISCUSSIONS WITH MUNICIPAL OFFICIALS AND PREVIOUS CONSTRUCTION DRAWINGS. IT IS POSSIBLE THAT THE EXACT LOCATION OF LINES IN THE IMMEDIATE VICINITY OF THE PROPOSED BUILDING(S) MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THIS DRAWING. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED BY THIS CONTRACTOR, WHERE ADDITIONAL LINES AND/OR DIFFERING LOCATIONS ARE ENCOUNTERED THIS CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS TO ANY NECESSARY CHANGE OF MATERIALS, REROUTING, ABANDONING OR RELOCATION OF SUCH LINES. ALL LINES ENCOUNTERED THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED (IF ACTIVE) AND SHALL BE REMOVED (IF INACTIVE) BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL BIDDERS ARE CAUTIONED TO INVESTIGATE SITE CONDITIONS BEFORE SUBMITTING THEIR BIDS. CONTRACTOR TO CUT AND PATCH TO MATCH EXISTING PAVEMENT FOR ANY NEW ELECTRICAL CONSTRUCTION WHERE APPLICABLE. IF CONTRACTOR FAILS TO LOCATE AN EXISTING UTILITY AND DAMAGES THE UTILITY DURING CONSTRUCTION, ALL COSTS TO REPAIR OR REPLACE THE DAMAGED UTILITY WILL BE BORN BY THIS CONTRACTOR WITHOUT ANY COST TO THE OWNER.



GENERAL NOTES:

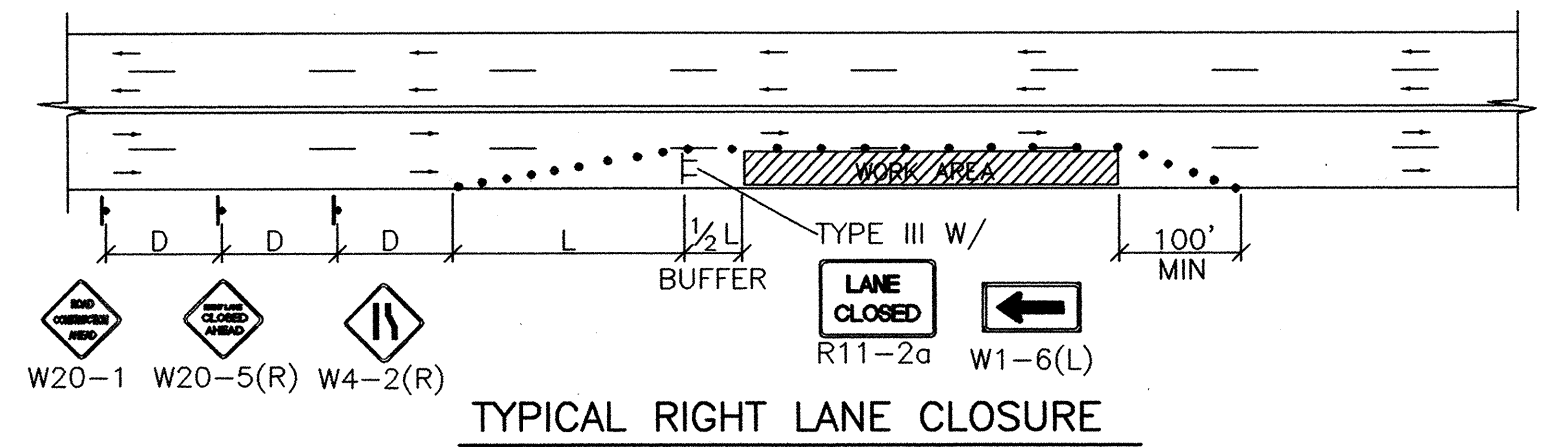
- ALL ELECTRICAL TO MEET NATIONAL, STATE AND LOCAL CODES.
- ALL NEW ELECTRICAL EQUIPMENT TO BE U.L. LISTED FOR INTENDED USE.

8000 PENNSYLVANIA CIRCLE N.E.
SUITE "B"
ALBUQUERQUE, NEW MEXICO 87110
DENNIS M. SCARCELL, P.E.
(505)262-1786

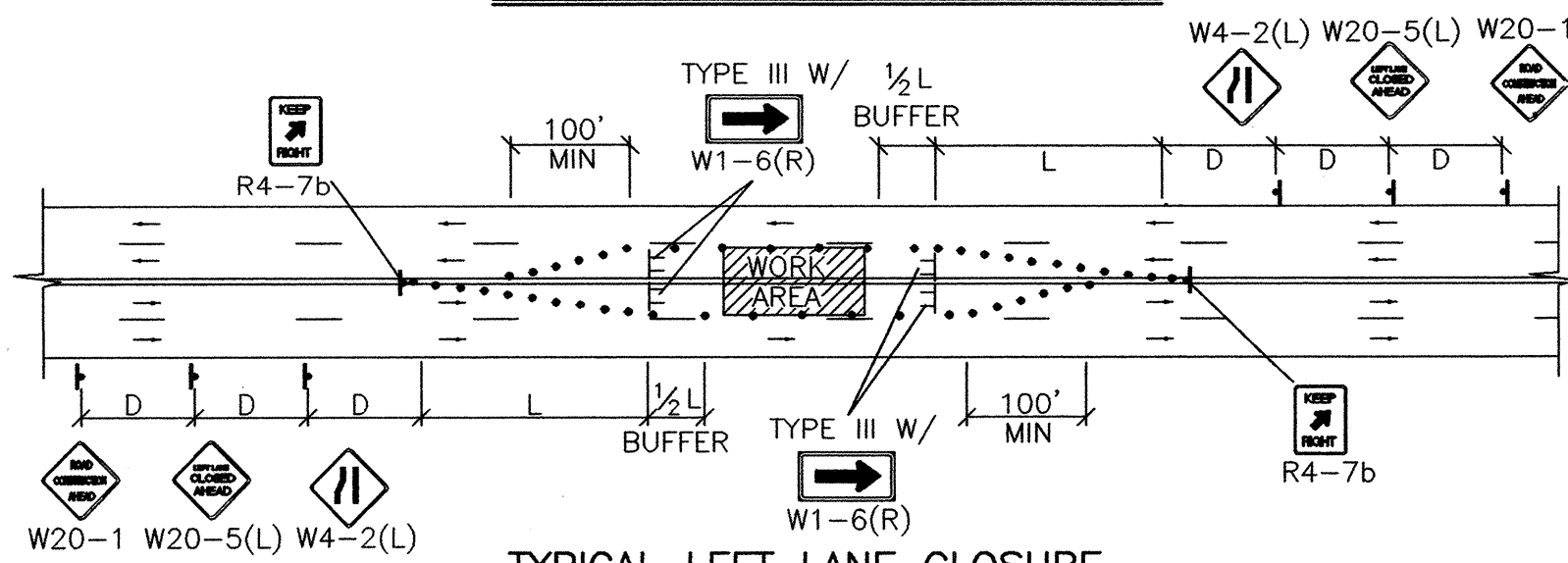
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REARDON
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210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
mrw@mrwldm.com

CITY OF ALBUQUERQUE CAPITAL IMPLEMENTATION PROGRAM			
TITLE: ZUNI MEDIANS (SAN MATEO TO WASHINGTON) ELECTRICAL PLAN			
Design Review Committee APPROVED JUL 30 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED AUG - 5 2002 CITY ENGINEER	Mo/Day/Yr.	Mo/Day/Yr.
CITY PROJECT NO. 671100		ZONE MAP NO. K-16-Z	SHEET 19 OF 21

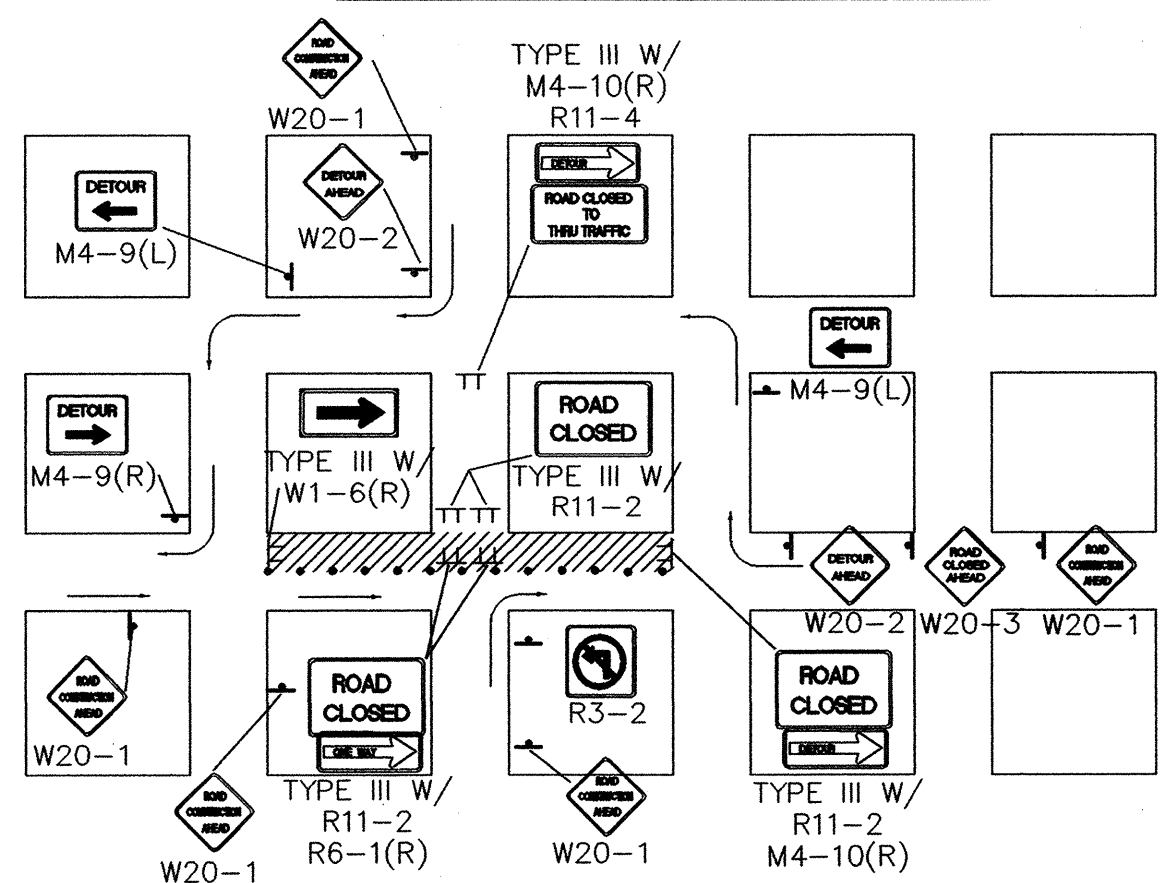
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		7/31/02	FIELD NOTES		BENCHMARK: ACS ALUMINUM CAP STAMPED "9" - K. 11, 1984" INTERSECTION OF ZUNI RD. AND WASHINGTON STREET GEOGRAPHIC POSITION (NAD 83) 11 IN. FEET GEOGRAPHIC POSITION (CENTRAL ZONE) N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X=356807.40, Y=1482713.14 ELEVATION = 5275.60; NAVD83, 11 FEET	CONTRACTOR	DATE
			NO.	BY			
REVISIONS							
DESIGN							
DESIGNED BY	AE/DMS	DATE	JULY 2002				
DRAWN BY	AE	DATE	JULY 2002				
CHECKED BY	DMS	DATE	JULY 2002				
MICRO-FILM INFORMATION							
RECORDED BY			DATE				
NO.							



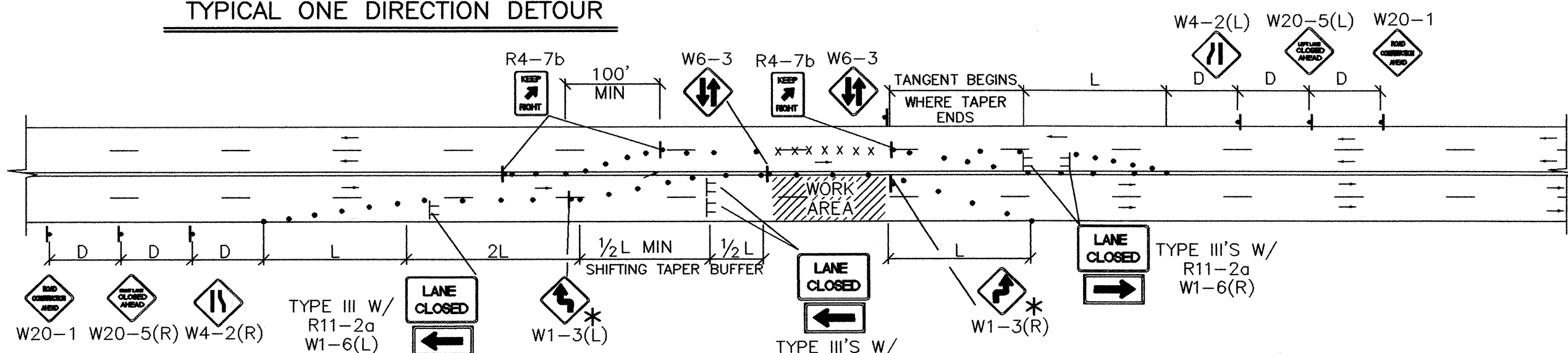
TYPICAL RIGHT LANE CLOSURE



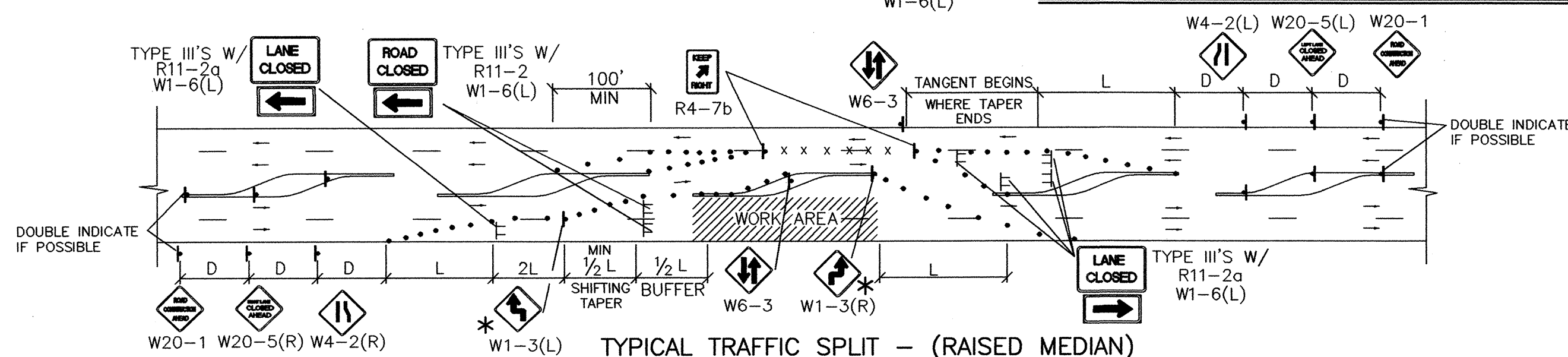
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR



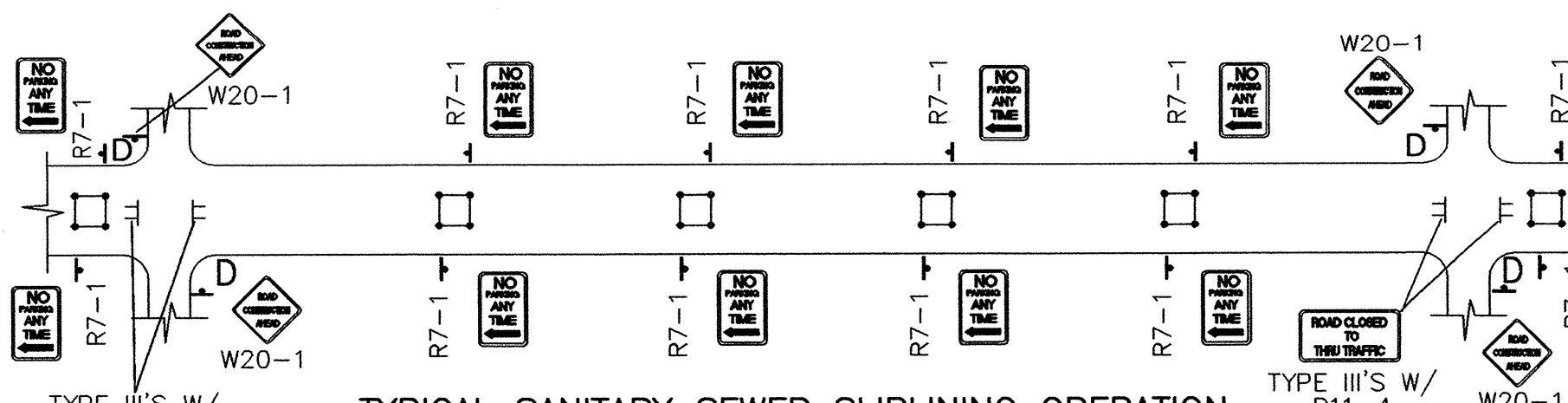
TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

TRAFFIC SPLIT NOTES:

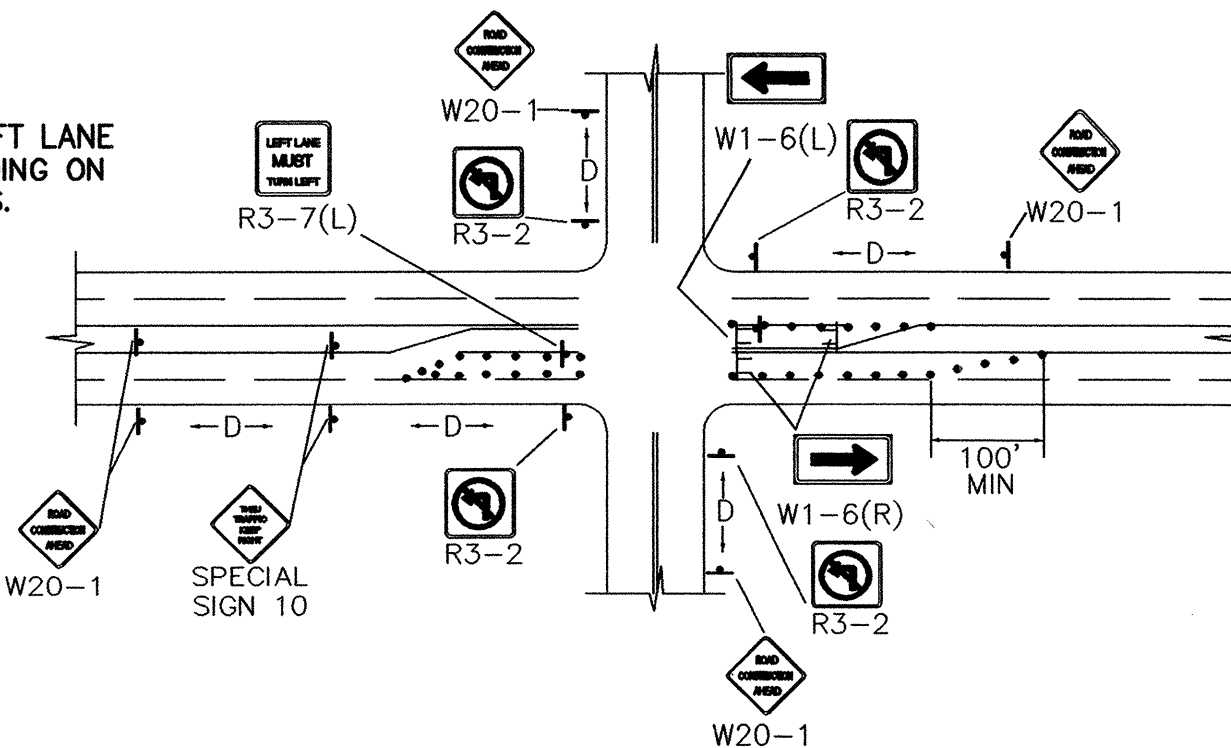
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
5. REDUCED SPEED MAY BE CONSIDERED.
6. * USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



TYPICAL SANITARY SEWER SLIPLINING OPERATION

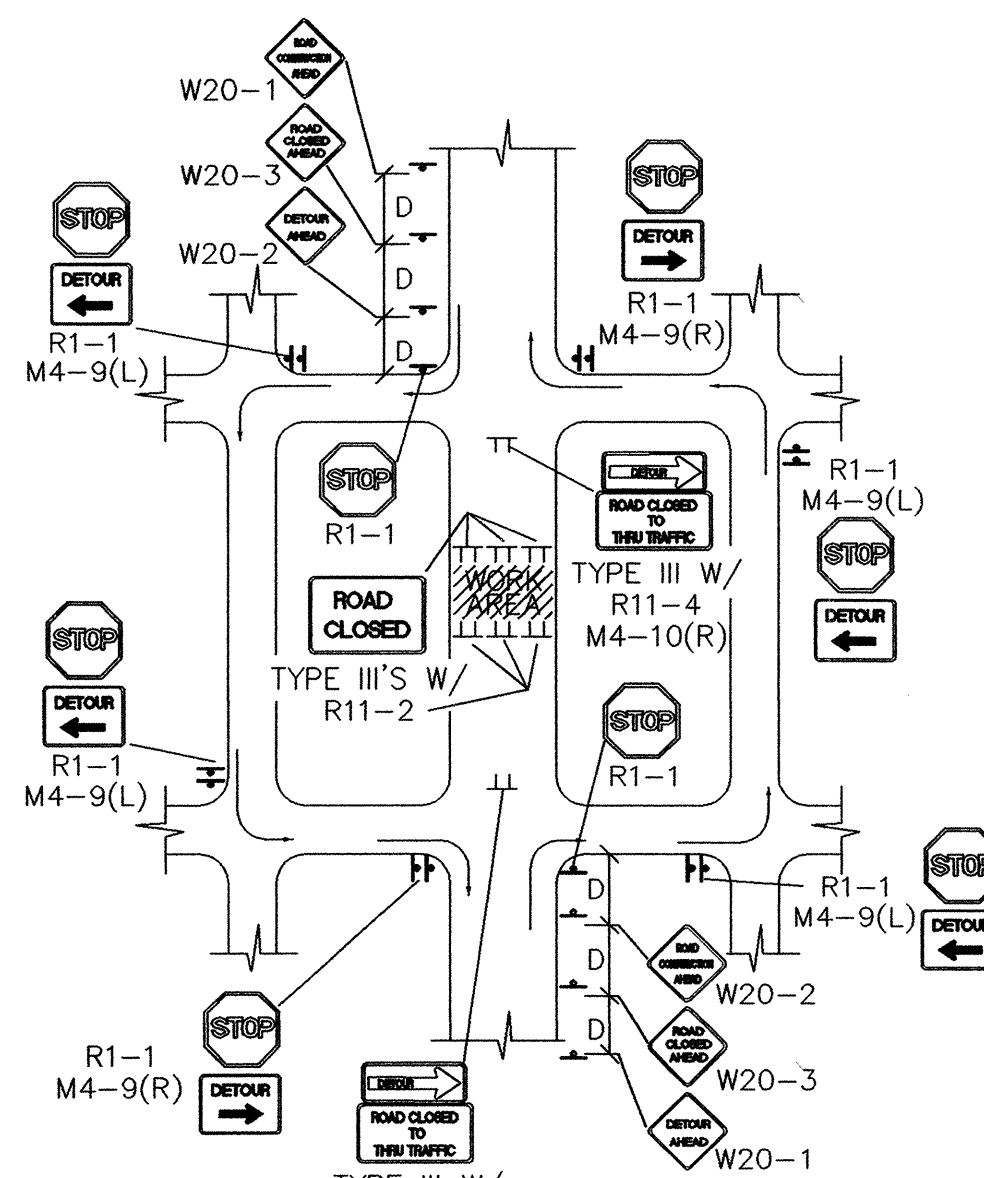
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

NOTE:
MAY REQUIRE LEFT LANE
CLOSURE DEPENDING ON
FIELD CONDITIONS.



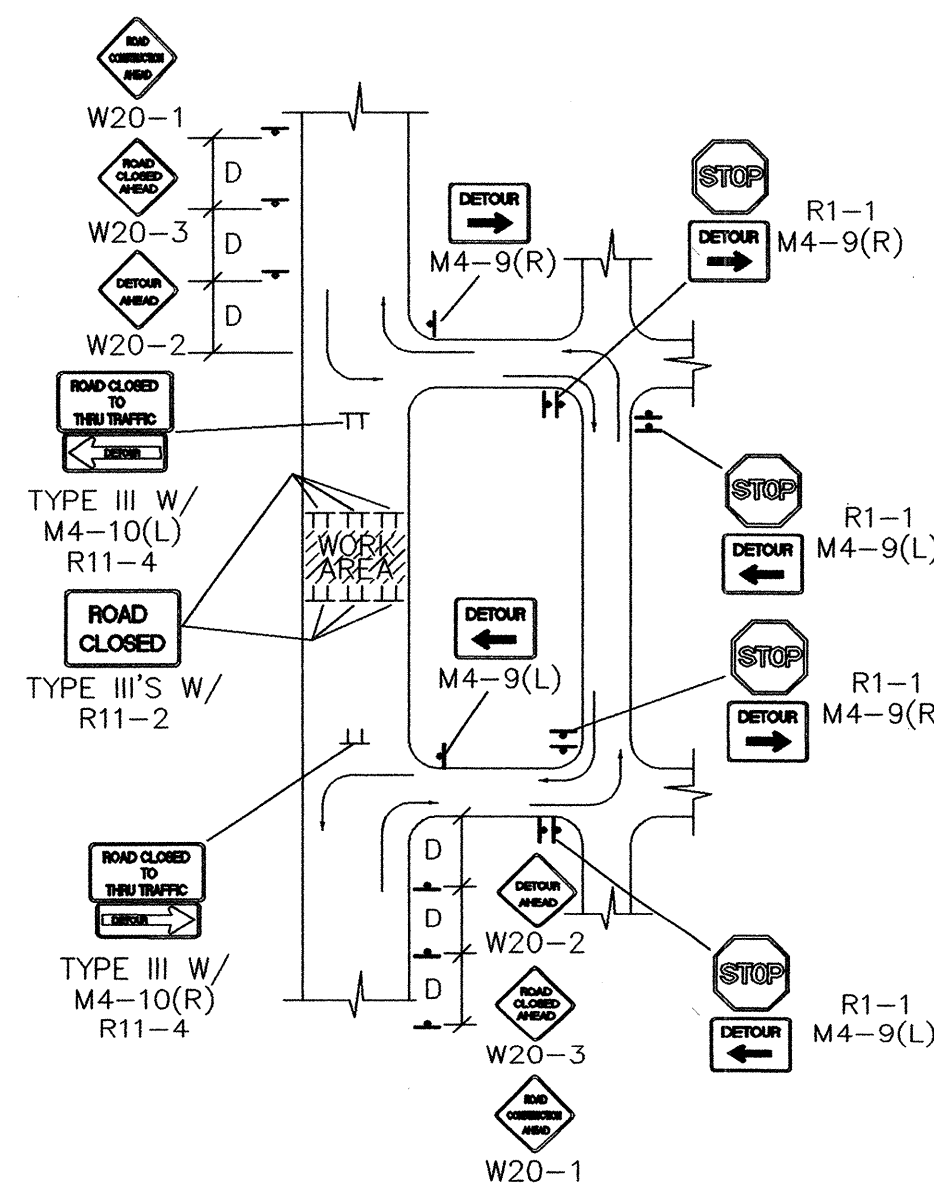
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



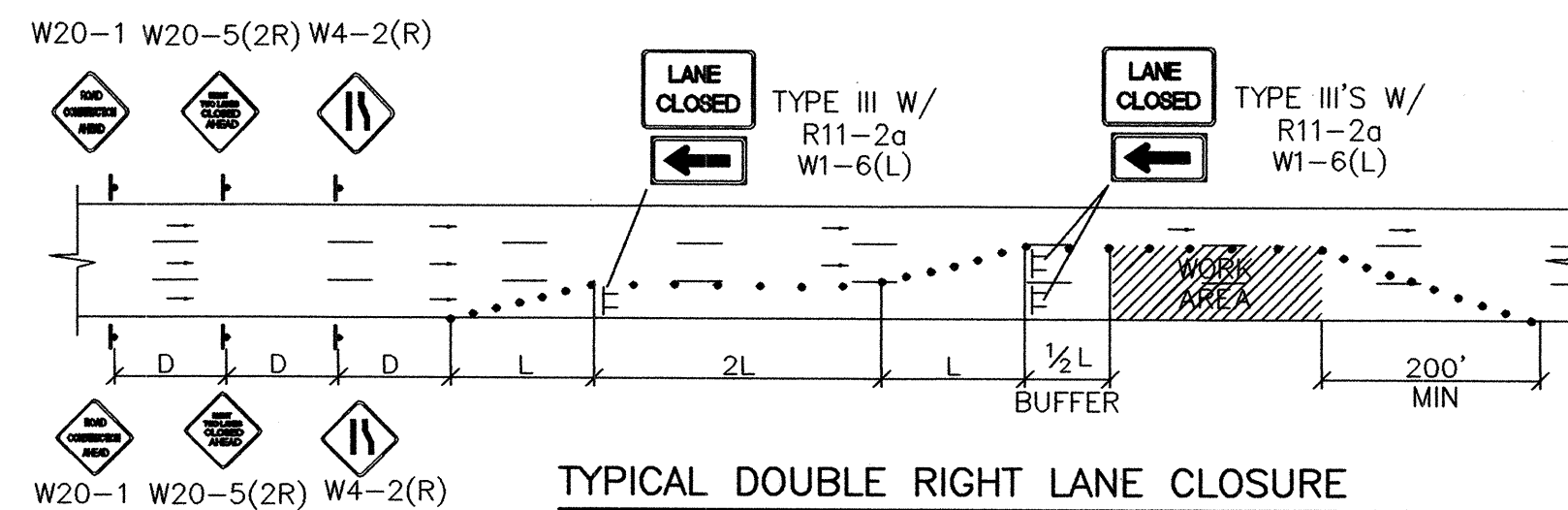
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

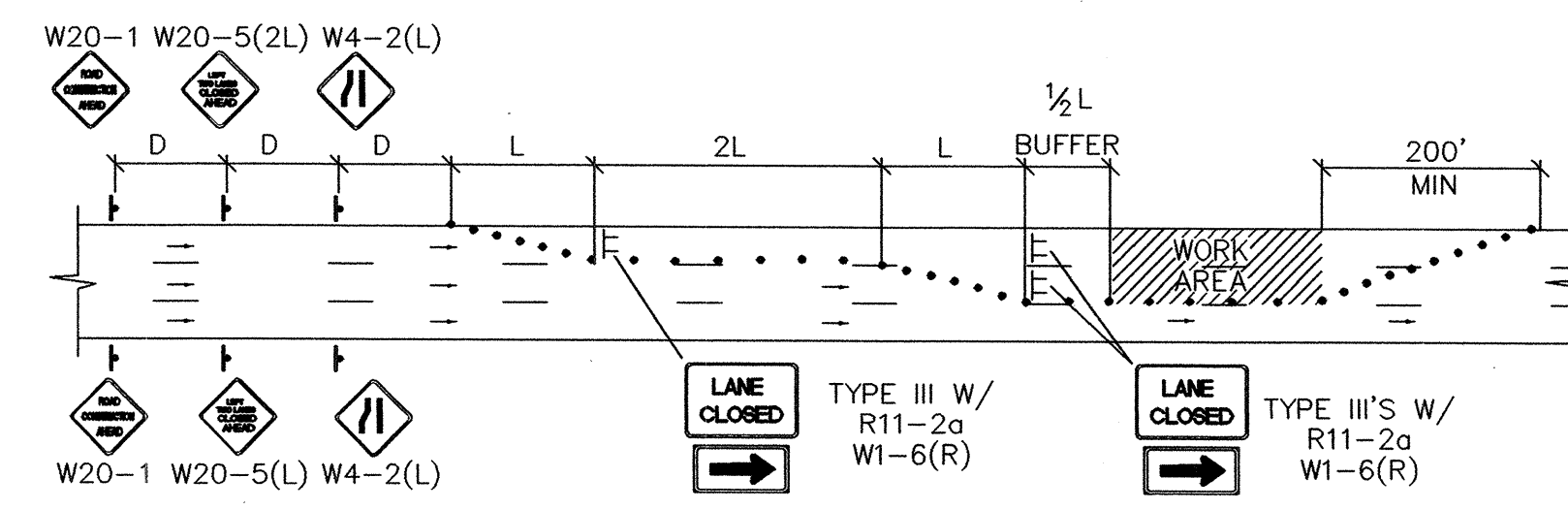


TYPICAL STREET CLOSURE

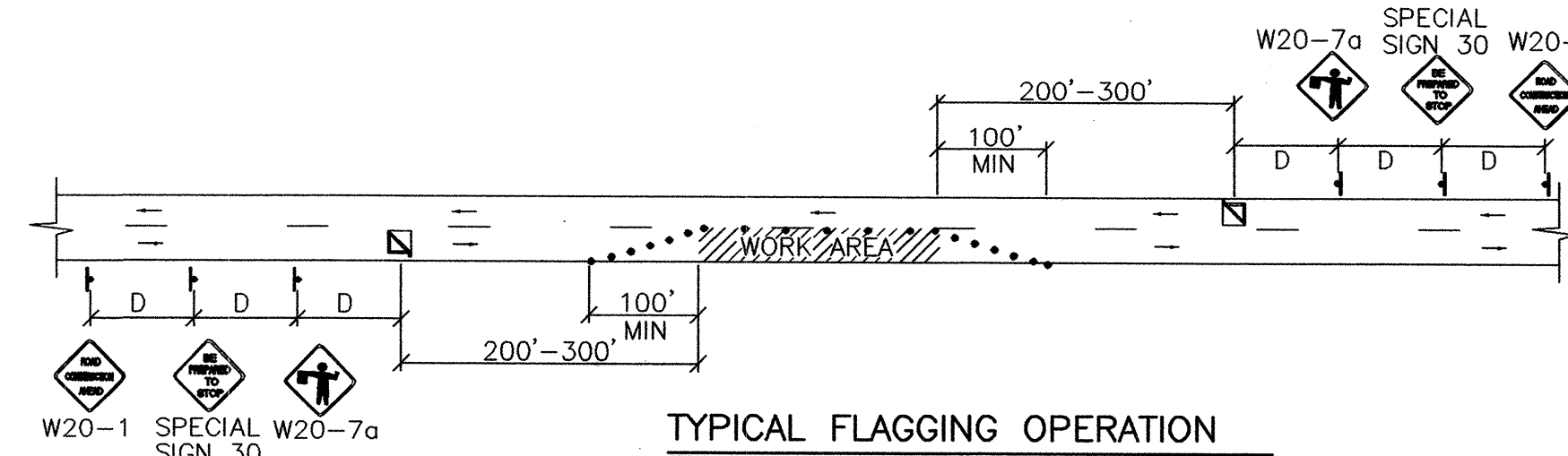
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



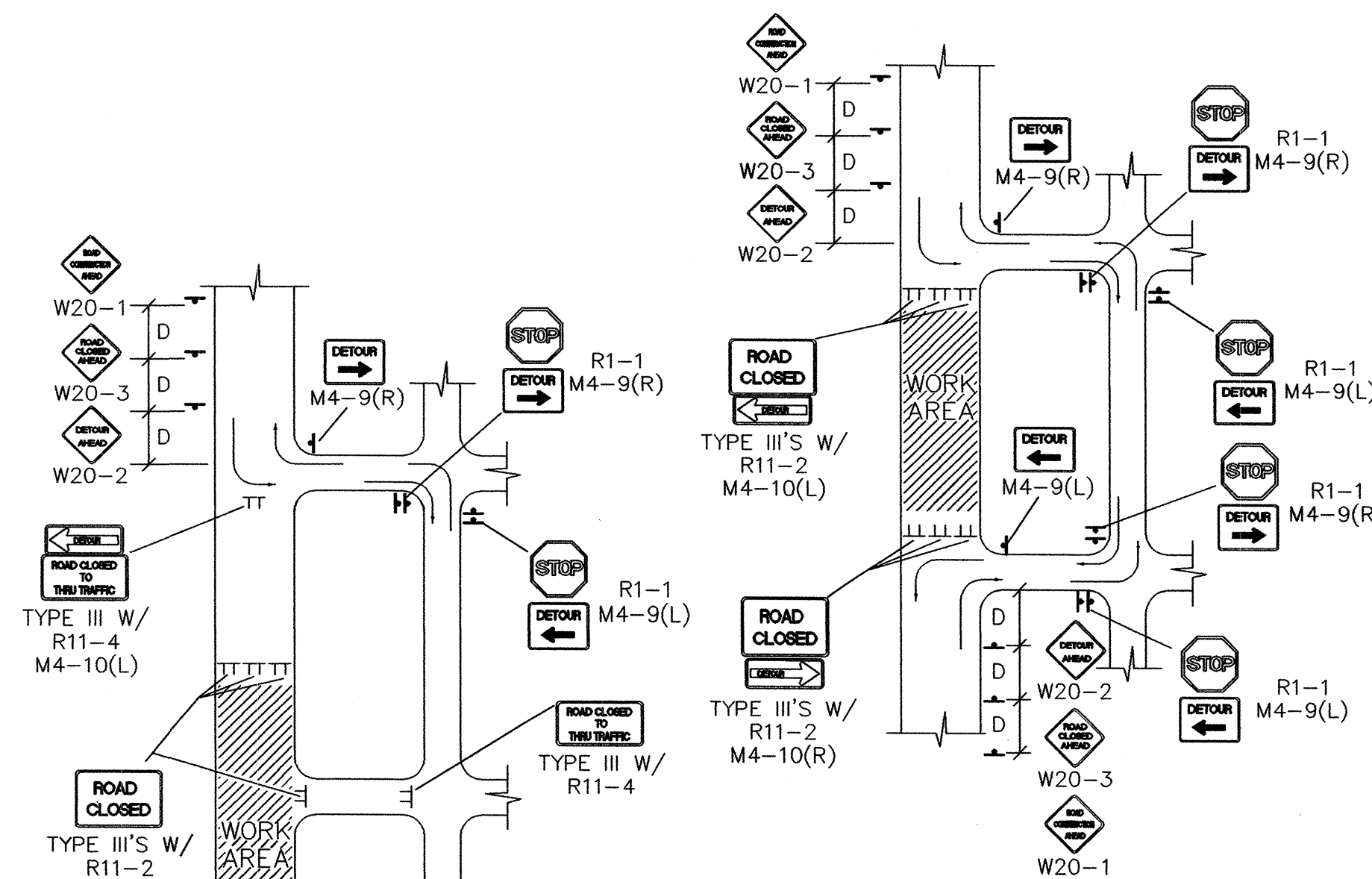
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ZUNI MEDIANS
TYPICAL TRAFFIC CONTROL
& SIGNING EXAMPLES (REF MUTCD)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
671100	K-17-Z	20	21

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE

ENGINEER'S SEAL		REVISIONS		DESIGN	
NO.	DATE	NO.	DATE	NO.	DATE

C.O.A. STD.

DESIGN	
DESIGNED BY BOHANNAN HUSTON	DATE JULY 2002
DRAWN BY BOHANNAN HUSTON	DATE JULY 2002
CHECKED BY BOHANNAN HUSTON	DATE JULY 2002

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24 HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

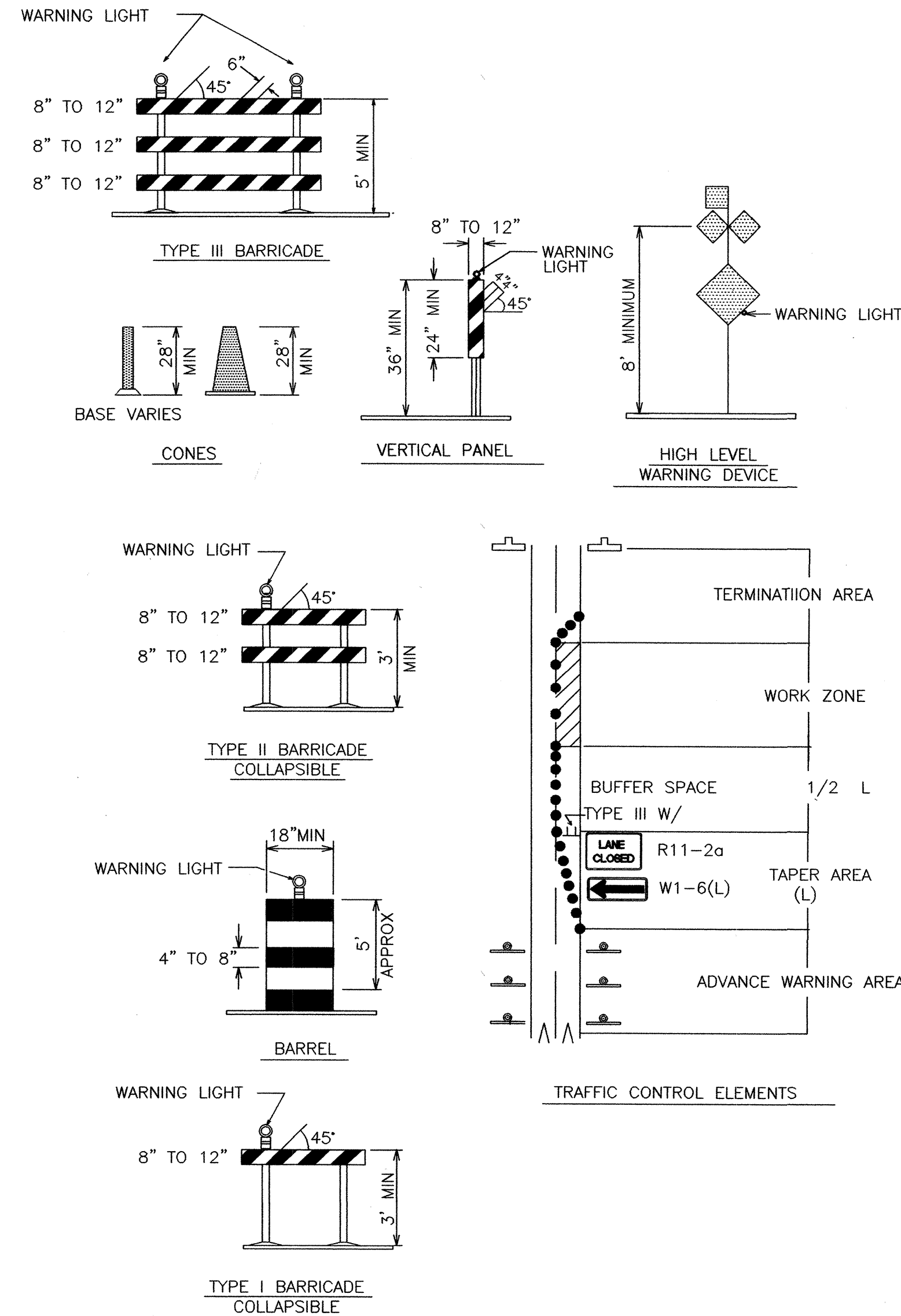
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.

SPECIAL PROJECT TRAFFIC CONTROL NOTES

- CONTRACTOR SHALL NOT CLOSE MORE THAN ONE LANE AT A TIME IN THE SAME DIRECTION OF TRAVEL.
- NO LANE CLOSURES ON WESTBOUND ZUNI SHALL BE PLACED BETWEEN 6:00 AM AND 9:00 AM, MONDAYS THRU FRIDAYS.
- NO LANE CLOSURES ON EASTBOUND ZUNI SHALL BE PLACED BETWEEN 3:00 PM AND 7:00 PM, MONDAYS THRU FRIDAYS.
- CONTRACTOR SHALL PROMPTLY REMOVE ALL BARRICADES AND ADVANCED WARNING SIGNS IMMEDIATELY AFTER COMPLETING EACH SHIFT.
- REGULATORY SIGNING SHALL BE PROVIDED TO REDUCE SPEED LIMIT TO 30 MPH THROUGH CONSTRUCTION ZONE(S) WHEN BARRICADING IS PRESENT.



LEGEND

- WORK AREA
 - BARRICADE - TYPE I, TYPE II, OR BARREL
 - BARRICADE - TYPE III
 - VERTICAL PANEL
 - WARNING SIGN
 - DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
 - FLAGMAN POSITION
 - SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
 - TAPER LENGTH - SEE CHART BELOW
- THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)				MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE			ALONG TAPER	AFTER TAPER
20	70	75	80		5	20	20
25	105	115	125		6	25	25
30	150	165	180		7	30	30
35	205	225	245		8	35	35
40	270	295	320		9	40	40
45	450	495	540		13	45	45
50	500	550	600		13	50	50
55	550	605	660		13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	MINIMUM DISTANCE IN FEET FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$
L = TAPER LENGTH W = WIDTH OF OFFSET IN FEET S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH	

SIGN FACE DETAILS

