

CITY OF ALBUQUERQUE
NEW MEXICO
PUBLIC WORKS DEPARTMENT



WOODWORKER'S WATERLINE
SAN PEDRO - ALAMEDA PLACE WATERLINE

PROJECT NO 4756.90

SHEET DESCRIPTION AND INDEX

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26-4756-90 0197

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT	DATE	USER DEPT	DATE
APPROVAL OF REVISIONS							
		WILSON & COMPANY WILSON & COMPANY 6611 GULTON CT. ALBUQUERQUE, NM, 87109 (505) 345-5345		APPROVED FOR CONSTRUCTION <i>Robert B. Rife</i> 8/27/93 City Engineer			
PROJECT NUMBER		4756.90		SHEET 1 OF 4			

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Carroll B. Smith
DATE 7-10-97

SCANNED BY
BY LASON

GENERAL NOTES

1. ALL RADII OF CURB RETURNS ARE SHOWN TO FACE OF CURB.

2. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE TO FACE OF CURB.

3. ALL FINISHED GRADES AND PROFILES SHOWN ARE TOP OF CURB GRADES, UNLESS OTHERWISE NOTED. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER WITH EXISTING CURB AND GUTTER.

4. ALL UTILITY POLES ARE TO BE RELOCATED BY OTHERS.

5. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

6. WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.

7. WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST JOINT.

8. ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS.

9. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE-CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.

10. CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION THAT MIGHT RESULT FROM PROJECT CONSTRUCTION. IT SHALL BE HIS RESPONSIBILITY TO PROTECT AND PRESERVE UTILITY EQUIPMENT AFFECTED BY PROJECT CONSTRUCTION. SHOULD HE BREAK AN EXISTING UTILITY LINE DURING CONSTRUCTION ACTIVITIES HE SHALL BE RESPONSIBLE FOR UTILITY COST REPAIRS.

11. EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON PLANS AND PROFILE SHEETS ARE APPROXIMATE.

12. THE APPLICABLE CITY OF ALBUQUERQUE STANDARD DETAILS ARE INCLUDED AT THE BACK OF THE SPECIFICATIONS.

13. ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.

14. A DISPOSAL SITE, COMPLYING WITH ALL CITY ORDINANCES, SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVEMENT (EXCEPT MILLED BITUMINOUS CONCRETE PAVEMENT) AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE OF THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL AND ACTUAL DISPOSAL OF THE MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFOR.

15. THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OF DESIGNATED TRAFFIC LANES.

16. FIFTY (50) TON ROLLER OPERATION SHALL NOT BE USED IN THIS PROJECT WHERE UNDERGROUND UTILITIES ARE PRESENT. THE REQUIRED COMPACTION AT THESE LOCATION SHALL BE EFFECTED BY OTHER MEANS.

17. ALL EXCAVATIONS FOR STORM DRAINS, AND OTHER EXCAVATIONS AS NECESSARY, SHALL BE GOVERNED BY THE CONSTRUCTION SAFETY AND HEALTH STANDARDS (TITLE 29, CFR, PART 1910 AS APPLICABLE TO CONSTRUCTION WORK - PUBLISHED IN THE FEDERAL REGISTER ON FEBRUARY 9, 1979).

18. THE CONTRACTOR SHALL NOTIFY THE ALBUQUERQUE TRAFFIC ENGINEERING DIVISION 3 WORKING DAYS IN ADVANCE OF ANY WORK REQUIRED REGARDING ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED OR REINSTALLED. CALL 764-1599. REFER TO SECTION 18.4.4 OF THE SPECIFICATIONS.

19. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION 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. REFER TO SECTION 19 OF SPECIFICATIONS.

20. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELING PEDESTRIAN TRAFFIC AROUND ALL WORK AREAS THROUGHOUT THE CONSTRUCTION PERIOD.

21. WHERE PULL BOXES ABUT BACK OF CURB OR ARE LOCATED IN A CONCRETE PAVED AREA, PROVIDE 1/2" EXPANSION MATERIAL AROUND THE PULL BOX. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.

22. CONTRACTOR WILL BE RESPONSIBLE FOR CONNECTING NEW CONDUIT TO EXISTING CONDUIT OR NEW TRAFFIC CONTROL FACILITIES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.

23. EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY THE CONTRACTOR, AND THAT IS OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN, OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE FIELD ENGINEER AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.

24. THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT AT LEAST 2 WORKING DAYS IN ADVANCE OF WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE.

25. THE CONCRETE PAVEMENT FOR WHEELCHAIR RAMPS IS INCLUDED IN THE BID ITEM, "4 INCH CONCRETE SIDEWALK INCLUDING 6 INCH SUBGRADE PREPARATION."

26. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED AT ALL CURB RETURNS CONSTRUCTED WITH THIS PROJECT AT THE LOCATIONS SHOWN ON PLANS, IN ACCORDANCE WITH THE CITY STANDARD DETAILS. WHEELCHAIR RAMPS SHALL BE MEASURED AND PAID FOR AS CONCRETE SIDEWALK AND CONCRETE CURB AND GUTTER.

27. TEMPORARY RELOCATION OF MAILBOXES MAY BE REQUIRED DURING CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO COMPLETION OF THE WORK AND NO PAYMENT WILL BE MADE THEREFOR. ALL NECESSARY MAIL BOX RELOCATIONS SHALL BE COORDINATED WITH THE U.S. POSTAL SERVICE PRIOR TO MOVING AND ALL NEW LOCATIONS SHALL BE APPROVED BY THEM.

28. ALL MAILBOXES THAT ARE RELOCATED WILL BE REINSTALLED AS DIRECTED. THE INSTALLATION SHALL BE PERMANENT IN NATURE.

29. CONCRETE BLOCKING WILL BE INSTALLED AS REQUIRED AND IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD DRAWINGS OR AS DIRECTED BY THE ENGINEER.

30. MANHOLE RIM ELEVATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND WILL VARY WITH THE FINISHED PAVEMENT ELEVATIONS.

31. CONTRACTOR SHALL FIELD VERIFY LOCATION AND TYPE OF EXISTING UTILITIES TO BE ADJUSTED OR EXTENDED.

32. MILLED BITUMINOUS CONCRETE PAVEMENT WILL BE STOCKPILED FOR THE CITY AS DIRECTED BY THE ENGINEER.

33. EXISTING ENTRANCE PIPE AND CULVERT TO BE REMOVED SHALL BE THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR.

34. CONTRACTOR TO VERIFY ALL FLANGE, PAD, VALVE BOX, RIM AND TOP OF PIPE ELEVATIONS IN THE FIELD. ELEVATIONS SHALL BE ADJUSTED TO COMPLY WITH THE REQUIREMENTS OF STANDARD CITY DETAILS.

35. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING THE EXECUTION OF THE WATER VALVE SHUT-OFF PLAN WITH THE WATER SYSTEMS DIVISION (857-8200) 3 WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBIC WATER UTILITIES.

36. THE CONTRACTOR SHALL COORDINATE WITH U.S. WEST ON RELOCATION OF ANY TELEPHONE BOXES. CALL 245-6866

37. THE CONTRACTOR SHALL COORDINATE WITH JONES INTERCABLE ON RELOCATION OF ANY CABLE TELEVISION SERVICES. CALL 761-6200

38. ALL INTERSECTIONS ARE AT 90° UNLESS OTHERWISE NOTED. SEE TYPICAL INTERSECTION DETAIL ON SHEET 41.

39. ELEVATIONS FOR PROPOSED WATERLINE CONNECTIONS TO EXISTING WATERLINES SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD.

40. THE CONTRACTOR SHALL INSTALL STREETLIGHT FOUNDATIONS AND CONDUITS ONLY. ALL OTHER STREETLIGHT CONSTRUCTION WILL BE BY OTHERS.

41. ALL TRENCHING AND BEDDING SHALL BE AS PER CITY OF ALBUQUERQUE STANDARD DWG. 2315 AND STANDARD DWG. 2465.

42. THE 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 THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. 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.

43. ALL EXISTING UTILITIES SHOWN HEREIN WERE TAKEN FROM RECORD DRAWINGS, FIELD SURVEYS, C.O.A. SYSTEMS UTILITIES MAPS AND INFORMATION PROVIDED BY THE UTILITY OWNERS AND ARE APPROXIMATE. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THEIR HORIZONTAL AND VERTICAL LOCATIONS AND PROVIDE PROTECTION FOR ALL UTILITIES WITHIN THE CONSTRUCTION AREA.

44. 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.

45. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATOR SERVICE (505-260-1990), FOR LOCATION OF EXISTING UTILITIES.

46. CONTRACTOR SHALL CONTACT THE SCHOOL PRINCIPAL OF ALAMOSA ELEMENTARY SCHOOL, MS. HENRIETTA SANCHEZ, TELEPHONE NUMBER 831-5643, TO COORDINATE WORK ACTIVITIES.

LENGTH OF RESTRAINED PIPE (Foot)

PIPE SIZE	90°	45°	22-1/2°	11-1/4°	TEE	VALVE
4"	21'	9'	5'	3'	21'	52'
6"	28'	11'	6'	3'	37'	74'
8"	31'	13'	7'	4'	54'	97'
10"	44'	15'	7'	4'	69'	100'

*Too branch-each run pipe shall be min. 10' w/o joints

12"	52'	21'	10'	5'	88'	118'
14"	45'	19'	9'	4'	55'	71'

REDUCERS

12" X 14"	21
6" X 8"	45
6" X 12"	166

LEGEND

EXISTING	NEW

CONCRETE DRIVEPAD	
VALLEY GUTTER	
CONCRETE SIDEWALK	
RESIDENTIAL PAVING	
ARTERIAL PAVING	
TEMPORARY PAVING	
CONCRETE PAVING	
WHEEL CHAIR RAMP	
GAS LINES	
UNDERGROUND TEL.	
CABLE T.V.	
POWER OR TEL. POLE	
ELEVATION @ LEFT R/W LINE	
ELEVATION @ RIGHT R/W LINE	

PWC 93-3

AS-BUILT INFORMATION

DATE: 11-22-93

BY: [Signature]

REVISIONS

NO. DATE

REMARKS

DESIGNED BY: [Signature]

DRAWN BY: [Signature]

CHECKED BY: [Signature]

DATE: 8/92

DATE: 8/92

DATE: 8/92

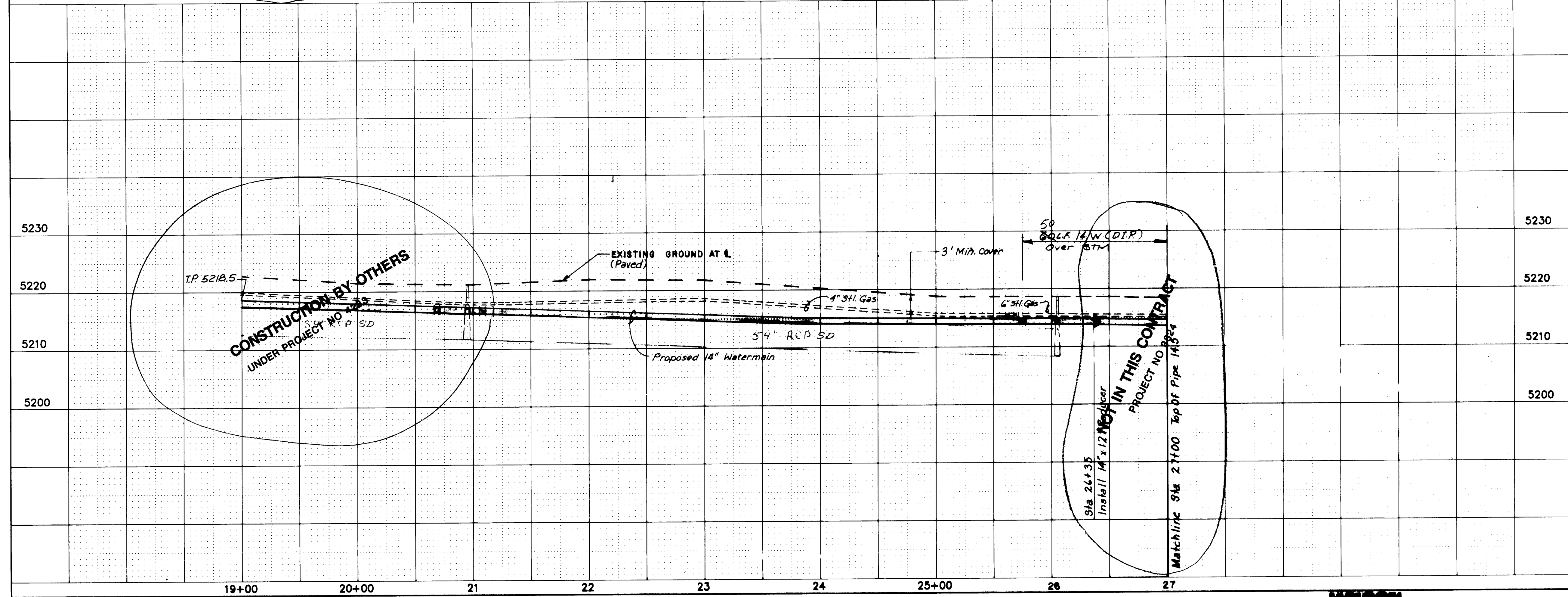
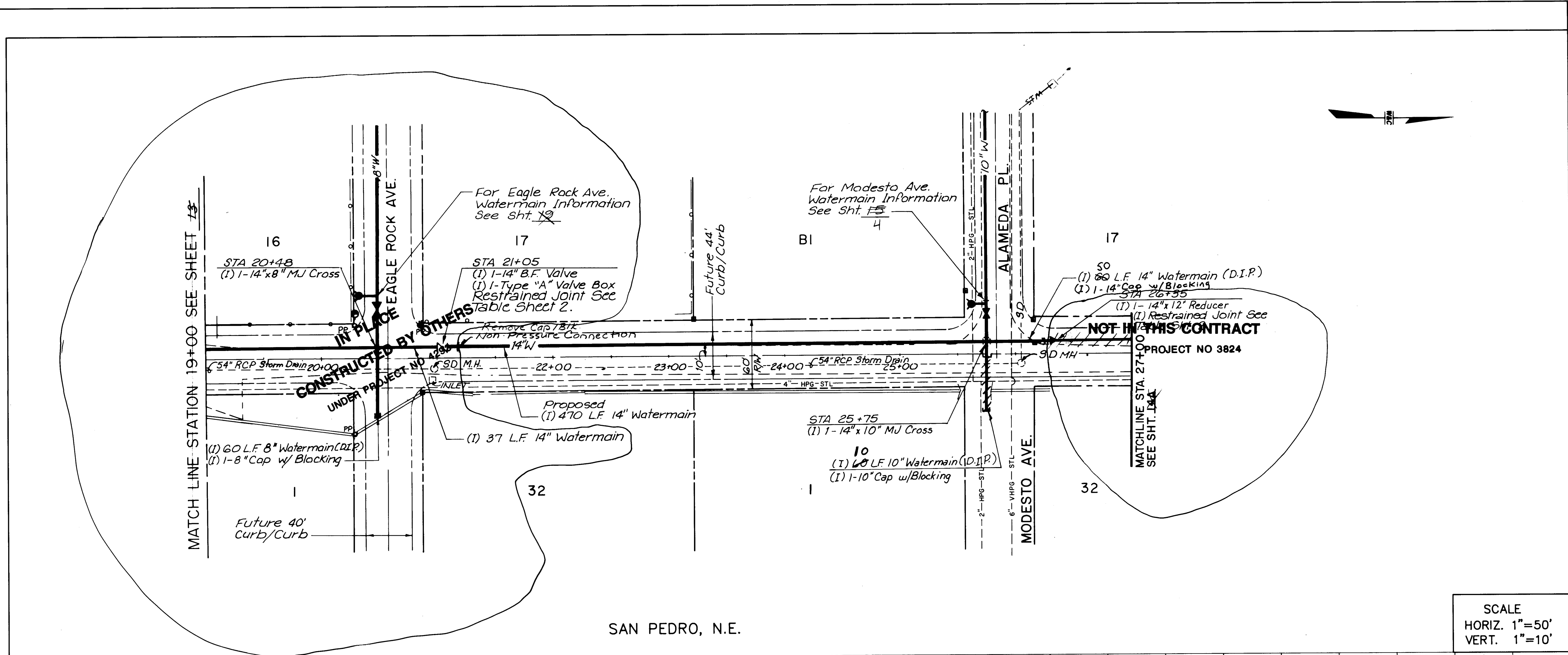
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

SPECIAL ASSESSMENT DISTRICT NO. 221

GENERAL NOTES & LEGEND

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair.	[Signature]	1-22-93	Liquid Waste	[Signature]	1-22-93
Design	[Signature]		Traffic	[Signature]	12-22-92
Hydrology	[Signature]	12-22-92	Water	[Signature]	1-22-93

PROJECT No 475690 MAP NO. C-18 SHEET 2 OF 4



SCALE
HORIZ. 1"=50'
VERT. 1"=10'

PWC 93-3			AS-BUILT INFORMATION		
CONTRACTOR: SUNDANCE MECHANICAL			CONTRACT: 10-C18 1985		
STATIONED BY: CITY SURVEY			DATE: 3/97		
FIELD ACCEPTANCE BY: MERV NEPHEW			DATE: 4/97		
DRAWINGS CORRECTED BY: MERV NEPHEW			DATE: 4/97		
RECORDED BY: MERV NEPHEW			DATE: 4/97		
MICRO-FILM INFORMATION			NO.		
BENCH MARKS			ACCS. ALUMINUM CAP STAMPED "10-C18 1985"		
DATE			LOCATED 48' SOUTH OF THE CENTERLINE OF		
BY			MODESTO AVE. AND 25.5' EAST OF THE		
NO.			CENTERLINE OF SAN PEDRO.		
1. Wilson & Co.			ELEVATION = 5219.41		
SURVEY INFORMATION			FIELD NOTES		
DATE			DATE		
BY			BY		
NO.			NO.		
1. Wilson & Co.			1. Wilson & Co.		
ENGINEER'S SEAL			ENGINEER'S SEAL		
1/3/93			1/3/93		
REMARKS			REMARKS		
REVISIONS			REVISIONS		
WILSON & COMPANY, ENGINEERS & ARCHITECTS			WILSON & COMPANY, ENGINEERS & ARCHITECTS		
DESIGNED BY: WFC			DATE: 5/90		
DRAWN BY: PMS			DATE: 5/90		
CHECKED BY: SJM			DATE: 5/90		
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: SPECIAL ASSESSMENT DISTRICT 221 SAN PEDRO, N.E.					
APPROVALS		ENGINEER	DATE	APPROVALS	
D.R.C. Chairman		1/22/93	1/22/93	Water	
Transportation		1/22/93	1/22/93	Waste Water	
Hydrology		1/22/93	1/22/93	1/22/93	
PROJECT NO.		4756.90	MAP NO.		C-18
SHEET		3	OF		4

