NEW MEXICO STATE HIGHWAY & TRANSPORTATION DEPARTMENT

CONSTRUCTION PLANS

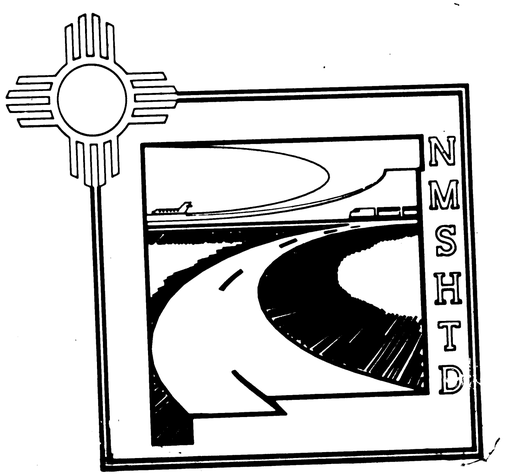
4TH STREET RECONSTRUCTION PART IIA

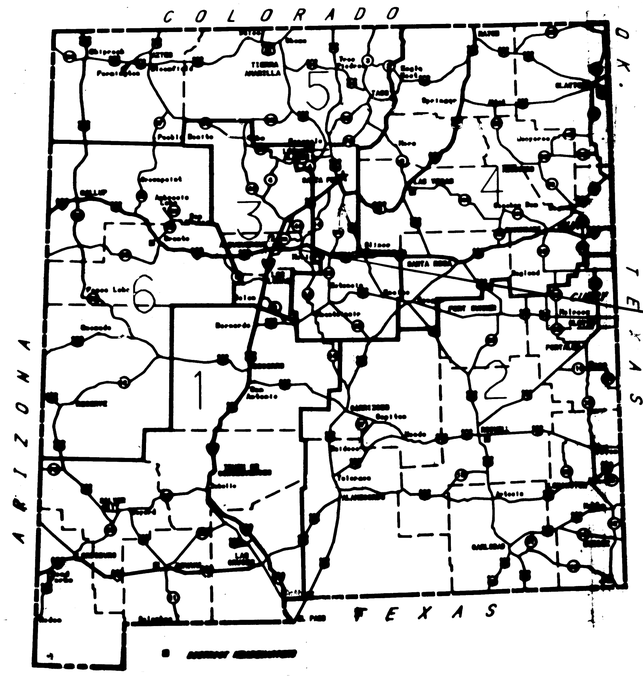
MAP-2351(901)

CITY OF ALBUQUERQUE

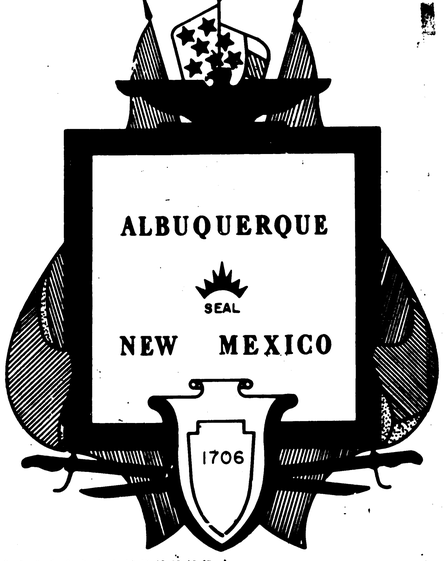
PROJECT 3527.91

BERNALILLO COUNTY





N.M.P. MAP-2351(901)
ALAMEDA DRAIN NORTH TO
MONTANO ROAD NW



Russell B. Smith
6-18-93

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 3527. 9 1 0 1 9 3

RECORD DRAWING
Date May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record documents as a result thereof.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE

APPROVAL OF REVISIONS

CLINTON DUANE SMALL
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

LEEDSHILL-HERKENHOFF, INC.
Copper Square, 500 Copper Ave. N.W.
P.O. Box 1217
Albuquerque, New Mexico 87103
(505) 247-0294

APPROVED FOR CONSTRUCTION
Walter Wichner
2/3/92

1/8081-532010/ATHCV1-16-92/CSC

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	G-2	

CONVENTIONAL SIGNS

On Plan

STATE LINE
COUNTY LINE
LAND GRANT LINE
TOWNSHIP OR RANGE LINE
SECTION LINE
UNFENCED PROPERTY LINE
REFERENCE LINE & POINT
WIRE FENCE
RAIL FENCE
STONE OR ADOBE FENCE
PICKET FENCE
TELEPHONE–TELEGRAPH LINE
PROTECTION DITCH & DIKE
RETAINING WALL
ARROYO
RIVER OR CREEK
IRRIGATION DITCH
CONCRETE SIDEWALK
PRESENT TRAVELED ROAD
TRAIL
RAILROAD–TITLE PAGE
RAILROAD–PLAN PAGE

RIGHT–OF–WAY LINE
PC 5+52.1
PT 6+73.4
SURVEY CENTER LINE
RAILROAD CATTLEGUARD
HIGHWAY CATTLEGUARD
BRIDGE CULVERT SPILLWAY
HOUSE VACANT HOUSE
CHURCH CEMETERY SCHOOL
TOWN–TITLE PAGE
BLUFF OR HILL
SURFACING PIT
TREE
WINDMILL
ARTESIAN WELL
SECTION CORNER
BM X 1235 BENCH MARK

On Profile

BRIDGE
PIPE CULVERT
BOX CULVERT
VERTICAL CURVE
DATUM LINE 6112.17 GROUND ELEVATION
DATUM LINE 6112.17 GRADE ELEVATION

BOOK NUMBERS

SCALES

PLAN	1"=20'	
PROFILE	HORIZONTAL: 1"=20'	VERTICAL: 1"=5'
LAYOUT	1"=2000'	

SHIPPING POINTS

ALBUQUERQUE

LENGTH OF PROJECT 1.501 miles (FOURTH ST. RECONSTRUCTION PART II–A)

VICINITY MAP

STA. 182 + 93.00 ℄ CONSTRUCTION
END CONSTRUCTION
N.M.P. MAP–2351(901)
SECTION 32, T. 11 N., R. 3E., N.M.P.M.
(BY PROJECTION) WITHIN TOWN
OF ALBUQUERQUE GRANT

STA. 103 + 69.94 ℄ CONSTRUCTION
BEGIN CONSTRUCTION
N.M.P. MAP–2351(901)
SECTION 5, T. 10 N., R. 3E., N.M.P.M.
(BY PROJECTION) WITHIN TOWN
OF ALBUQUERQUE GRANT

CITY OF ALBUQUERQUE PROJECT NO. 3527.91
WILL APPLY TO ALL SHEETS IN THIS SET
OF PLANS.

TYPE OF CONSTRUCTION

ASPHALT CONCRETE PAVEMENT, CEMENT TREATED BASE COURSE, CONCRETE CURB AND GUTTER, SIDEWALKS, WHEELCHAIR RAMPS, STORM DRAIN IMPROVEMENTS, SANITARY SEWER REHABILITATION, WATER LINE REHABILITATION, TRAFFIC CONTROL (PHASES), CONSTRUCTION SIGNING, PERMANENT SIGNING, PAVEMENT MARKINGS, LIGHTING, SIGNALIZATION, UTILITY RELOCATIONS AND MISCELLANEOUS CONSTRUCTION.

SURFACING TO BE COMMERCIAL SOURCE.

RECORD DRAWING
May 26, 1993
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CLINTON DODGE NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

THESE PLANS WERE DESIGNED AND/OR ASSEMBLED BY:

LEEDSHILL–HERKENHOFF, INC. TELEPHONE NO. (505) 247–0294
ARCHITECTS & ENGINEERS

Clinton Dodge, P.E.
Highway Engineer — Reviewed By

Denney Howard, P.E.
Electrical Engineer — Reviewed By

Kim Stelzer
Utility Design — Reviewed By Clinton Dodge

Tammie Lake
Drafting

26 3527.910293

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

NEW MEXICO STATE HIGHWAY DEPARTMENT

LEGEND AND VICINITY MAP

1/2001.53C010/2001LEGD/01-22-92/ADJ

COA PROJECT NO.	MAP NO.	N.M. PROJECT NO.	SHEET
3527.91	–	MAP - 2351(901)	G-2

F.H.W.A. Region No.	STATE	NMP MAP 2351(901)	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO		G-3	

INDEX OF SHEETS

SHEET NO.	TO	SHEET NO.	TITLE	SERIAL NO.	REVISION DATE
G-1		–	COVER SHEET		
G-2		–	VICINITY MAP		
G-3		–	INDEX OF SHEETS		
G-4		–	SURVEY DATA CONTROL		
G-5			LEGEND AND GENERAL NOTES		
G-6			WATER SHUT-OFF PLAN (ALAMEDA TO GRIEGOS)		
G-7			WATER SHUT-OFF PLAN (FREEMAN TO MONTANO)		
			SUB-TOTAL=7		
D-1		–	TYPICAL ROADWAY SECTIONS		
D-2		–	UTILITY SECTION		
D-3		D-4	MISCELLANEOUS DETAILS		
			SUB-TOTAL=4		
R-1			ROADWAY PLAN AND PROFILES (STA. 103+63.40 TO STA. 107+00.00)		
R-2			ROADWAY PLAN AND PROFILES (STA. 107+00.00 TO STA. 113+00.00)		
R-3			ROADWAY PLAN AND PROFILES (STA. 113+00.00 TO STA. 119+00.00)		
R-4			ROADWAY PLAN AND PROFILES (STA. 119+00.00 TO STA. 125+00.00)		
R-5			ROADWAY PLAN AND PROFILES (STA. 125+00.00 TO STA. 131+00.00)		
R-6			ROADWAY PLAN AND PROFILES (STA. 131+00.00 TO STA. 137+00.00)		
R-7			ROADWAY PLAN AND PROFILES (STA. 137+00.00 TO STA. 143+00.00)		
R-8			ROADWAY PLAN AND PROFILES (STA. 143+00.00 TO STA. 149+00.00)		
R-9			ROADWAY PLAN AND PROFILES (STA. 149+00.00 TO STA. 155+00.00)		
R-10			ROADWAY PLAN AND PROFILES (STA. 155+00.00 TO STA. 161+00.00)		
R-11			ROADWAY PLAN AND PROFILES (STA. 161+00.00 TO STA. 167+00.00)		
R-12			ROADWAY PLAN AND PROFILES (STA. 167+00.00 TO STA. 173+00.00)		
R-13			ROADWAY PLAN AND PROFILES (STA. 173+00.00 TO STA. 179+00.00)		
R-14			ROADWAY PLAN AND PROFILES (STA. 179+00.00 TO STA. 182+93.00)		
			SUB-TOTAL=14		
SD-1			STORM DRAIN PLAN & PROFILE (STA. 103+63.40 TO STA. 107+00.00)		
SD-2			STORM DRAIN PLAN & PROFILE (STA. 107+00.00 TO STA. 113+00.00)		
SD-3			STORM DRAIN PLAN & PROFILE (STA. 113+00.00 TO STA. 119+00.00)		
SD-4			STORM DRAIN PLAN & PROFILE (STA. 119+00.00 TO STA. 125+00.00)		
SD-5			STORM DRAIN PLAN & PROFILE (STA. 125+00.00 TO STA. 131+00.00)		
SD-6			STORM DRAIN PLAN & PROFILE (STA. 131+00.00 TO STA. 137+00.00)		
SD-7			STORM DRAIN PLAN & PROFILE (STA. 137+00.00 TO STA. 143+00.00)		
SD-8			STORM DRAIN PLAN & PROFILE (STA. 143+00.00 TO STA. 149+00.00)		
SD-9			STORM DRAIN PLAN & PROFILE (STA. 149+00.00 TO STA. 155+00.00)		
SD-10			STORM DRAIN PLAN & PROFILE (STA. 155+00.00 TO STA. 161+00.00)		
SD-11			STORM DRAIN PLAN & PROFILE (STA. 161+00.00 TO STA. 167+00.00)		
SD-12			STORM DRAIN PLAN & PROFILE (STA. 167+00.00 TO STA. 173+00.00)		
SD-13			STORM DRAIN PLAN & PROFILE (STA. 173+00.00 TO STA. 179+00.00)		
SD-14			STORM DRAIN PLAN & PROFILE (STA. 179+00.00 TO STA. 182+93.00)		
			SUB-TOTAL=14		
U-1			UTILITY PLAN & PROFILE (STA. 103+63.40 TO STA. 107+00.00)		
U-2			UTILITY PLAN & PROFILE (STA. 107+00.00 TO STA. 113+00.00)		
U-3			UTILITY PLAN & PROFILE (STA. 113+00.00 TO STA. 119+00.00)		
U-4			UTILITY PLAN & PROFILE (STA. 119+00.00 TO STA. 125+00.00)		
U-5			UTILITY PLAN & PROFILE (STA. 125+00.00 TO STA. 131+00.00)		
U-6			UTILITY PLAN & PROFILE (STA. 131+00.00 TO STA. 137+00.00)		
U-7			UTILITY PLAN & PROFILE (STA. 137+00.00 TO STA. 143+00.00)		
U-8			UTILITY PLAN & PROFILE (STA. 143+00.00 TO STA. 149+00.00)		
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U-10			UTILITY PLAN & PROFILE (STA. 155+00.00 TO STA. 161+00.00)		
U-11			UTILITY PLAN & PROFILE (STA. 161+00.00 TO STA. 167+00.00)		
U-12			UTILITY PLAN & PROFILE (STA. 167+00.00 TO STA. 173+00.00)		
U-13			UTILITY PLAN & PROFILE (STA. 173+00.00 TO STA. 179+00.00)		
U-14			UTILITY PLAN & PROFILE (STA. 179+00.00 TO STA. 182+93.00)		
			SUB-TOTAL=14		
S-1		S-3	*HOLMES & NARVER PLAN AND PROFILE (SEWER LINE REPLACEMENT)		
			SUB-TOTAL=3		
T-1		T-3	TYPICAL TRAFFIC CONTROL DEVICES & NOTES, WORK ZONE DELINEATION X-SECTION		
T-4		T-6	CONSTRUCTION PHASE 1-A (EAST SIDE)		
T-7		T-9	CONSTRUCTION PHASE 1-B (WEST SIDE)		
T-10		T-12	CONSTRUCTION PHASE 2-A (EAST SIDE)		
T-13		T-15	CONSTRUCTION PHASE 2-B (WEST SIDE)		
T-16			4TH AND GRIEGOS INTERSECTION INTERIOR UTILITY CONSTRUCTION		
T-17			CONSTRUCTION PHASE 3-B		
T-18			CONSTRUCTION PHASE 3-C		
T-19		T-21	STRIPING PLAN		
T-22		T-23	SIGNALIZATION 4TH & CANDELARIA AND 4TH & GRIEGOS		
			SUB-TOTAL=23		
AD-1		AD-11	ADDENDUM SHEETS		
			TOTAL SHEETS=79		

26 3527.910393

RECORD DRAWING

Date May 26, 1993

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No.	DESCRIPTION	DATE	BY
5			
4			
3			
2			
1			

REVISIONS (or CHANGE NOTICES)

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

NEW MEXICO STATE HIGHWAY DEPARTMENT

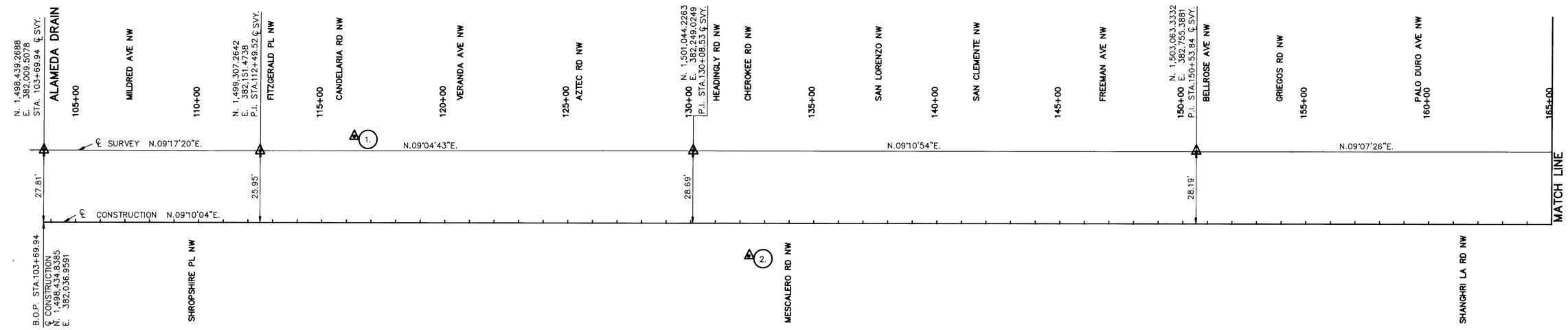
INDEX OF SHEETS

1/8081.81C010/8081NDO/1--27--92/MDJ.TJL

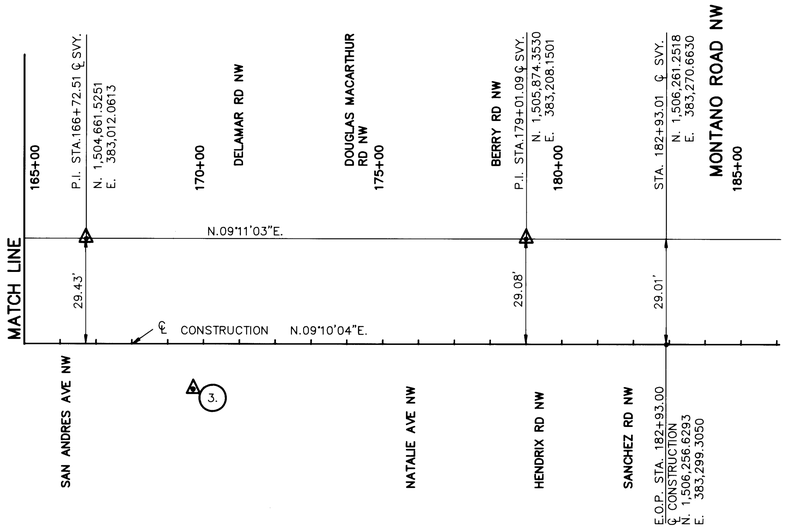
COA PROJECT NO.	MAP NO.
3527.91	–

N.M. PROJECT NO. MAP - 2351(901) SHEET G-3

F.H.W.A. Region No.	STATE	NMP MAP 2351(901)	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO		G-4	



SURVEY AND CONSTRUCTION CONTROL LINES



SURVEY AND CONSTRUCTION CONTROL LINES

NOTES:

1. COORDINATES ARE BASED ON THE FOLLOWING STATIONS:
   12–G14 N.1499158.50 E. 382077.33 13–G14 N.1500919.96 E. 382418.82 11–F14 N.1504549.75 E. 383008.58
2. COORDINATES SHOWN ARE GROUND COORDINATES BASED ON NEW MEXICO STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE.
3. GROUND–TO–GRID FACTOR= 0.9996784

BENCH MARKS

1. BENCH MARK–A STANDARD ACS ALUMINUM CAP STAMPED "12–G14 1985" AT THE WEST END OF THE NW CURB RETURN OF 4TH. & CANDELARIA NW SET FLUSH WITH THE TOP OF CURB. ELEVATION=4966.778
2. BENCH MARK–A STANDARD ACS ALUMINUM CAP STAMPED "13–G14 1985" AT THE MID–POINT OF THE SE CURB RETURN OF 4TH. & MESCALERO NW SET FLUSH WITH THE TOP OF CURB. ELEVATION=4968.986
3. BENCH MARK–A STANDARD ACS ALUMINUM CAP STAMPED "11–F14 1985" AT THE SOUTH END OF THE SE CURB RETURN OF 4TH. & DELAMAR NW SET FLUSH WITH THE TOP OF CURB. ELEVATION=4972.549

SCALE
1" = 200' HORIZONTAL

26 3527.910493

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No.	DESCRIPTION	DATE	BY
5			
4			
3			
2			
1			

REVISIONS (or CHANGE NOTICES)

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

NEW MEXICO STATE HIGHWAY DEPARTMENT

4TH SREET RECONSTRUCTION
SURVEY AND CONSTRUCTION CONTROL LINES

COA PROJECT NO.	MAP NO.
3527.91	–

N.M. PROJECT NO. MAP - 2351(901) SHEET G-4

250/880.3300/0/MLTOWE/01-20-92/MDJ

LEGEND

PROPOSED	EXISTING	DESCRIPTION
NA	PP	POWER POLE
NA	PP	POWER POLE (METAL/H.V.)
LB LB		LIGHT BASE
PB		PULL BOX
NA	A	ANCHOR
NA	LT	LIGHT POLE
NA	GP	GUARD POST
NA	TS	TRAFFIC SIGN
NA	CTV	CABLE TELEVISION BOX
NA	EB	ELECTRIC BOX
	TCB	TRAFFIC CONTROL BOX
	TSL	TRAFFIC SIGNAL LIGHT
	TSB	TRAFFIC SIGNAL BOX
NA	SB	SIGNAL BOX
NA	TR	TELEPHONE RISER
NA	GM	GAS METER
NA	GV	GAS VALVE
		FIRE HYDRANT
	WM	WATER METER
		WATER VALVE
NA	WF	WATER FAUCET
NA		SPRINKLER
NA	VB	VACCUM BREAKER
NA	SCV	SPRINKLER CONTROL VALVE
NA		CLEAN OUT
		MANHOLE (STORM)
		MANHOLE (SANITARY)
NA		MANHOLE (ELECTRIC)
NA		MANHOLE (TELEPHONE)
NA		MANHOLE (UNDETERMINED)
	P-TRAP	P-TRAP STORM INLET
	DI	DROP INLET
NA	TP	TRANSFORMER PAD
NA	OHP	OVERHEAD ELECTRIC CABLE
	UGP	UNDERGROUND ELECTRIC CABLE
NA	OHT	OVERHEAD TELEPHONE CABLE
NA	UGT	UNDERGROUND TELEPHONE CABLE
NA		BARBED WIRE FENCE
NA		CHAIN LINK FENCE
NA		WOODEN FENCE
		CURB & GUTTER
		LAYDOWN CURB & GUTTER
		SIDEWALK
NA		RIGHT-OF-WAY LINE
SAS 8"	SAN 8" CI	SANITARY SEWER LINE W/SIZE & TYPE
SD 24"RCP	SD 24" RCP	STORM DRAIN LINE W/SIZE & TYPE
W 6"	W 6" CTL	WATER LINE W/SIZE & TYPE
G 2"	G 2" ME STL	GAS LINE W/SIZE & TYPE
NA		TREE (DECIDUOUS)
NA	E	TREE (EVERGREEN)
NA	Y	YUCCA
TH		TEST HOLE
PH		POT HOLE
		SURVEY CONTROL POINT

Add. #2

See Add. #2 Page 8 of 13

See Add. #2 Page 8 of 13

GENERAL NOTES

1. THIS PROJECT WILL BE GOVERNED BY CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, AS MODIFIED BY THE PROJECT SPECIFICATIONS.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT "NEW MEXICO ONE CALL SYSTEM", 260-1990, FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
4. THE REPLACEMENT OF THE EXISTING SANITARY SEWER LINES AND THE INSTALLATION OF NEW STORM DRAIN LINES WILL BE COMPLETE IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED UNTIL THE PAVEMENT WORK STARTS IN EACH AREA. SOME OF THE EXTENSIONS OF EXISTING STORM DRAIN LINES MAY BE INCORPORATED INTO THE VARIOUS PAVEMENT PHASES OF THE CONSTRUCTION.
5. TACK COAT FOR SURFACE COURSE REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
6. ALL EXISTING MANHOLES AND VALVE BOXES SHALL BE ADJUSTED TO THE NEW FINISH GRADE AS PART OF THE PAVING OPERATIONS.
7. ALL STREET WIDTHS, SIDEWALK WIDTHS, AND STREET ALIGNMENTS SHALL REMAIN THE SAME AS THE EXISTING, UNLESS OTHERWISE SHOWN ON THE PLANS.
9. ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB & GUTTER ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS. MATCH FLOWLINE OF GUTTERS WHEN ABUTTING CURB & GUTTER TO EXISTING.
10. THE CONTRACTER SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING CURB & GUTTER SIDEWALK AND DRIVEPADS DURING , CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE SHALL SUITABLY PROTECT THE CURB & GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND SHALL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN EXPENSE SHOULD SPLASHING OCCUR.
11. EXCAVATED MATERIALS SHALL BE KEPT CLEAN AND SHALL BE PLACED IN ACCORDANCE WITH THE SPECIFICATIONS AND THESE PLANS
12. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE GAS CO. OF N.M. WILL BE PERFORMING EXTENSIVE WORK IN THE CONSTRUCTION AREA CONCURRENTLY WITH THE CONTRACTORS OPERATIONS. THE CITY SHALL NOT BE RESPONSIBLE FOR DELAYS CAUSED BY LACK OF COORDINATION BETWEEN CONTRACTOR AND GAS COMPANY OF NEW MEXICO.
13. WHEN ABUTTING NEW PAVEMENT SIDEWALK OR DRIVEPADS TO EXISTING, CONTRACTOR SHALL SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE, AS REQUIRED, REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
14. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION AND REMOVAL MATERIALS SHALL BE OBTAINED BY THE CONTRACTOR IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE, HAULING THERETO AND PROPER DISPOSAL THEREOF SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFORE.
15. EXISTING SIDEWALK, DRIVEPADS OR CURB & GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.
16. ALL REFERENCE TO CITY STANDARD DRAWINGS WILL BE PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986, AS AMENDED.
17. THE REMOVAL AND REPLACEMENT OF PRIVATE SIGNS AND OBSTRUCTIONS SHALL BE BY THE RESPECTIVE PROPERTY OWNERS UNLESS OTHERWISE NOTED. COORDINATION SHALL BE THE RESPONSIBILITY OF THE ENGINEER. CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE ENGINEER.
18. ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE ENGINEER.
19. THE DESIGN R VALUE FOR THIS PROJECT IS 22. MATERIAL WITH AN R VALUE OF LESS THAN 22 SHALL NOT BE PLACED NOR SHALL IT REMAIN WITHIN ONE FOOT OF THE FINISHED SUBGRADE UNLESS THE CTB PAVEMENT SECTION IS AUTHORIZED BY THE ENGINEER FOR THAT SPECIFIC AREA.
20. CONTRACTOR SHALL NOT COVER ANCHOR BOLTS OR NUTS ON STEEL/ALUMINUM POLES WITH CONCRETE SIDEWALK.
21. CONTRACTOR SHALL MAINTAIN A CONSTRUCTION WORKING SURFACE IN SUCH A MANNER THAT ADVERSE WEATHER CONDITIONS DO NOT HINDER CONSTRUCTION PROGRESS.
22. NO MATERIAL PIT HAS BEEN DESIGNATED FOR THIS PROJECT. SUBBASE, BASE COURSE AND ASPHALT CONCRETE SURFACE COURSE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR FROM A COMMERCIAL SOURCE. MATERIALS SHALL BE TESTED PER SECTION 13 OF THE STANDARD SPECIFICATIONS. SOURCE MATERIAL FOR THIS PROJECT MAY BE OBTAINED FROM ANY SOURCE AFTER THE MATERIAL HAS BEEN APPROVED ON THE BASIS OF TESTS PERFORMED BY THE CITY LABORATORY. THIS MUST BE DONE BEFORE ANY MATERIAL IS PLACED ON THIS PROJECT. THE OWNER IS UNDER NO OBLIGATION TO PURCHASE EXCESS STOCKPILED MATERIAL FROM THE CONTRACTOR THAT IS NOT REQUIRED FOR THE COMPLETION OF THIS PROJECT.
23. ~~THE NEW STREET LIGHT SYSTEM WILL BE INSTALLED BY OTHERS ON NEW BASES BUILD BY CONTRACTOR. EXISTING STREET LIGHT STANDARDS, MAST ARMS, LUMINAIRES AND WIRING WILL REMAIN IN PLACE UNTIL THE NEW SYSTEM IS ACTIVATED UNLESS OTHERWISE SHOWN ON THE PLANS. EXISTING STREET LIGHT BASES WILL BE REMOVED BY CONTRACTOR.~~
24. THE CONTRACTOR WILL PROVIDE SHORING, OR OTHER OSHA APPROVED TRENCH PROTECTION TO PROTECT ADJACENT UTILITIES AS NECESSARY DURING CONSTRUCTION. THE COST OF TRENCH PROTECTION WILL BE INCIDENTAL TO THE WORK.
25. THE CONTRACTOR SHALL BE RESTRICTED TO THE USE OF A 35 TON NON-VIBRATING ROLLER MAXIMUM TO OBTAIN REQUIRED COMPACTION IN BACKFILL AND SUBGRADES AS THE USE OF HEAVIER EQUIPMENT COULD DAMAGE UNDERGROUND UTILITIES OR OTHER PERMANENT STRUCTURES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING STRUCTURES OR UTILITIES.
26. ALL EXISTING SIGNS WHICH WILL NEED TO BE REMOVED DUE TO CONSTRUCTION ACTIVITY WILL BE REINSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH M.U.T.C.D. REQUIREMENTS AND SPECIFICATION SECTION 450. PAYMENT FOR REINSTALLATION OF SIGNS WILL BE IN ACCORDANCE WITH SPECIFICATIONS AND BID PROPOSAL. ANY SIGNS WHICH ARE DAMAGED DURING REMOVAL AND REINSTALLATION SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT HIS COST.
27. THE CONTRACTOR SHALL CONTACT THE CITY SURVEYOR FOURTEEN (14) DAYS IN ADVANCE OF CONSTRUCTION OPERATIONS WHICH MAY DISTURB EXISTING CITY SURVEY MONUMENTS ALUMINUM OR BRASS CAPS. CONTACT DANNY MONTANO AT 768-3612.
28. REMOVAL OF ALL EXISTING ROADWAY, STORM DRAIN, UTILITY AND INCIDENTAL ITEMS NOT SPECIFICALLY INCLUDED IN THE BID PROPOSAL SHALL BE INCIDENTAL TO THE CONTRACT.
29. SEE SHEET R-1 FOR ADDITIONAL ROADWAY NOTES.
30. SEE SHEET T-1 FOR ADDITIONAL TRAFFIC CONTROL AND SIGNING NOTES AND SHEET T-23 FOR STRIPING NOTES.

23. *The Contractor shall construct new street light bases and shall remove existing street light bases. New street lights will be installed by others. Unless otherwise shown on plans, the existing street light standards, mast arms, luminaires and wiring shall remain in service until the new street light system is complete and in service.*

31. *Saw cut sidewalk full depth/with ½ inch expansion @ int.*

UTILITY NOTES

1. THE LOCATION OF EXISTING UTILITIES, AS SHOWN ON THE DRAWINGS, ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING FINAL UTILITY LOCATION DETERMINATION IN THE FIELD DURING CONSTRUCTION;
2. THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DISTURBING EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. ADEQUATE TRENCH PROTECTION IS REQUIRED FOR WORK ADJACENT TO UNDERGROUND UTILITIES TO PREVENT DAMAGE AND TO PREVENT DISRUPTION OF SERVICE.
3. THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE CONSTRUCTION LIMITS AND/OR RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONTRACTOR'S EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
4. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH THE ENGINEER TO MINIMIZE TRAFFIC DISRUPTIONS.
5. CITY WATER SYSTEMS DIVISION SHALL BE THE ONLY AUTHORIZED PERSONNEL TO OPERATE EXISTING VALVES, FIRE HYDRANTS, ETC. ALL WATER SHUTOFFS MUST BE COORDINATED WITH SAID DIVISION THREE (3) FULL WORKING DAYS PRIOR TO PROPOSED SHUTOFFS. CALL 857-8200. THE WATER SYSTEMS DIVISION SHALL PROVIDE NEW FIRE HYDRANTS WHERE ENGINEER DETERMINES REPLACEMENT OF EXISTING FIRE HYDRANTS IS NECESSARY.
6. WATER SYSTEMS DIVISION SHALL HAVE THE AUTHORITY TO CANCEL ALL SCHEDULED SHUTOFFS.
7. THE CARE AND PROTECTION OF ALL UTILITIES CURB & GUTTER, SIDEWALK, AND OTHER STREET APPURTENANCES THAT ARE NOT A PART OF THE INTENDED WORK AS SHOWN ON PLANS ARE THE RESPONSIBILITY OF THE CONTRACTOR. IF DAMAGED, LOST IN TRENCH, OR OTHERWISE HARMFULLY DISTURBED, THESE ITEMS WILL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
8. WHEN EXISTING SANITARY SEWER SERVICES HAVE BEEN RECONNECTED TO REPLACEMENT MAINS, THE CONTRACTOR SHALL STAMP OR CHISEL A 3-INCH SIZE "S" ON TOP OF CURB OVER THE LOCATION OF THE SERVICE LINE. THE CURB CUT FOR THE "S" MUST BE MINIMUM 1/4 INCH DEEP.
9. TOP OF GRATE ELEVATIONS SHOWN FOR NEW CATCH BASINS ARE APPROXIMATE AND SHOULD BE CONSISTENT WITH ELEVATIONS AT THE LOCATION.
10. WHERE TRENCHING BENEATH EXISTING UTILITIY LINES OCCURS, THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPORTING THE LINE DURING CONSTRUCTION AND FOR ASSURING THAT IT IS ADQUATELY BACKFILLED AND COMPACTED.
11. TELEPHONE MANHOLE RIMS AND GAS VALVE COVERS WILL BE ADJUSTED TO FINAL GRADE BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE RESPECTIVE UTILITY COMPANIES AT LEAST TWO WEEKS PRIOR TO NEEDING THE WORK PERFORMED.
12. UTILITY POLES WILL BE SUPPORTED DURING CONSTRUCTION BY PNM IF NECESSARY TO PREVENT DAMAGE, ROTATION, OR SETTLEMENT. THE FIRST 24 HOURS OF SUPPORT OF EACH POLE WILL BE PROVIDED AT PNM'S EXPENSE; ANY ADDITIONAL ASSISTANCE MUST BE PAID FOR BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS EFFORT WITH PNM.
13. ~~IF DURING PROPOSED CONSTRUCTION, AND/OR UTILITY INSTALLATION, EXISTING CLAY SANITARY SEWER SERVICES LINES ARE EXPOSED, THE CLAY LINES WILL BE REMOVED AND REPLACED WITH PVC PIPING PER CURRENT STANDARD SPECIFICATIONS. PAYMENT FOR THIS WORK WILL BE CONSISTENT WITH THE BID ITEMS SET FORTH IN THE CONTRACT DOCUMENTS.~~ *No PVC SAS Services*
14. IF EXISTING WATER LINES ARE ENCOUNTERED WHICH ARE FOUND TO BE ABANDONED IN PLACE, THE ABANDONED LINES WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. PAYMENT FOR THIS WORK WILL BE CONSISTENT WITH THE BID ITEMS SET FORTH IN THE CONTRACT DOCUMENTS.
15. CONTRACTOR SHALL IMPROVE EXISTING SANITARY SEWER MANHOLE INVERTS TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR NEW MANHOLE INVERT CONSTRUCTION,(SPEC. #920) AS DIRECTED BY THE ENGINEER.
16. CONTRACTOR SHALL BE PAID FOR LOWERING OF EXISTING WATER LINES ON A PER EACH BASIS WHICH WILL INCLUDE ALL MATERIALS AND LABOR INCLUDING TRENCH & BACKFILL, FITTINGS, RESTRAINED JOINTS AND CONNECTIONS TO EXISTING LINES.
17. INVERTS SHALL BE CLEANED ON MANHOLES TO BE REHABILITATED. AFTER CLEANING BUT PRIOR TO INVERT RECONSTRUCTION, MANHOLE REPLACEMENTS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
18. SEE SHEETS SD-1 AND U-1 FOR ADDITIONAL UTILITY NOTES.

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	G-5	

No.	DESCRIPTION	DATE	BY
5			
4			
3			
2			
1			

REVISIONS (or CHANGE NOTICES)

26 3527.910593

RECORD DRAWING
May 26,1993
These drawings have been revised based on the construction records of the contractor. While the information submitted by the Contractor was assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the present document as a result thereof.

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

NEW MEXICO STATE HIGHWAY DEPARTMENT

LEGEND AND GENERAL/UTILITY NOTES

COA PROJECT NO.	MAP NO.	N.M. PROJECT NO.	SHEET
3527.91	–	MAP - 2351(901)	G-5

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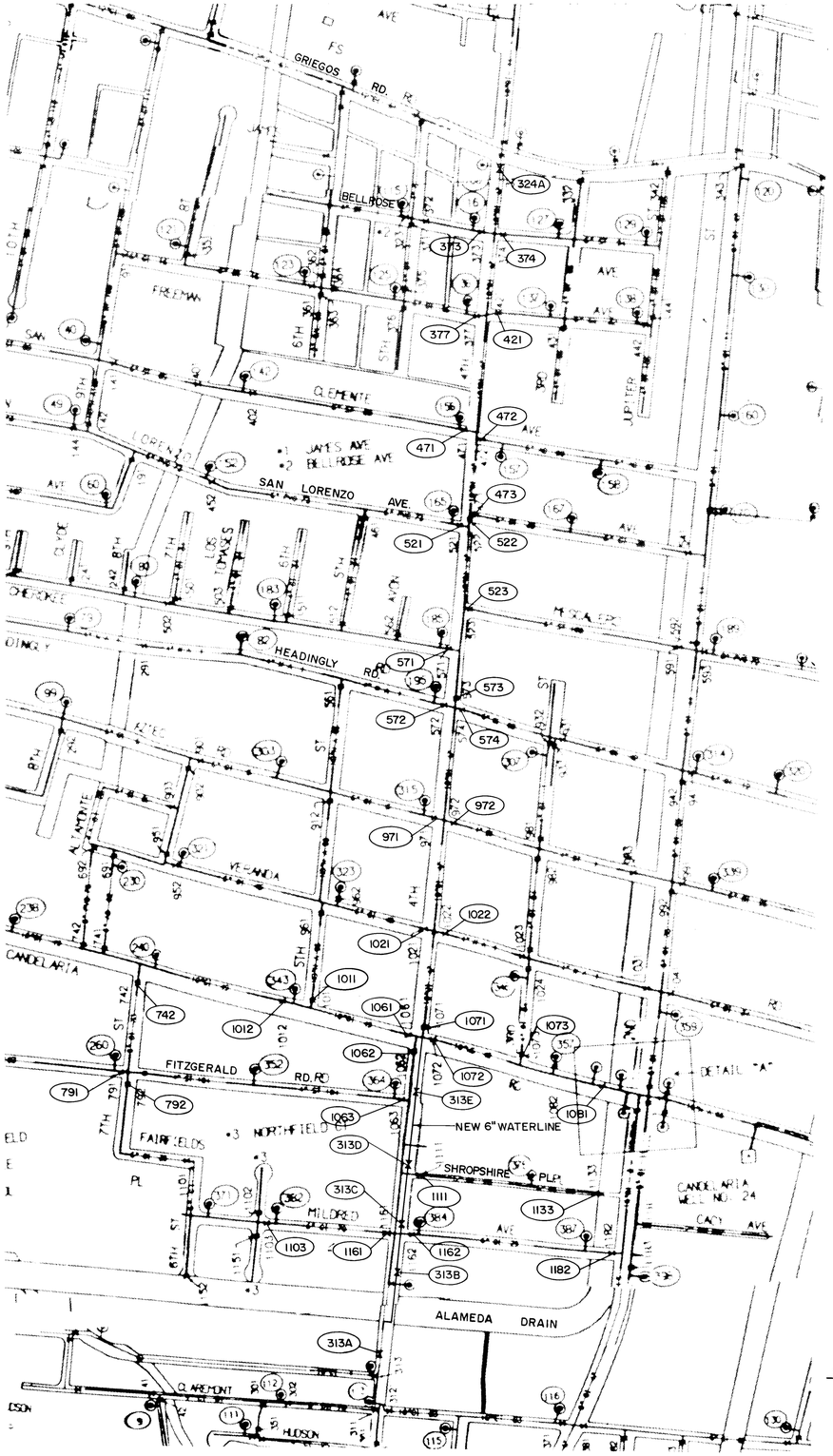


SCALE: 1"=200'

NOTES:

I WATER SHUTOFF PLAN FOR 4TH STREET EAST CONSTRUCTION PHASE. ALAMEDA DRAIN TO CANDELARIA.

A. TO INSTALL: 6" WL IN 4TH ST. FROM ALAMEDA DRAIN TO MILDRED; 6" WL IN MILDRED (EAST SIDE OF 4TH ST.); WATER METERS AND SERVICE LINES FROM ALAMEDA DRAIN TO MILDRED (EAST SIDE OF 4TH ST.).
CLOSE THE FOLLOWING VALVES:
1111, 1161, 1102, 1063, 1062, 313A
PROVIDE TEMPORARY CAP WITH BLOCKING ON BOTH NEW AND EXISTING 6" WL IN MILDRED AT WEST LIMIT OF CONSTRUCT PHASE.
AFTER INSTALLATION OF TEMPORARY CAP WITH BLOCKING ON BOTH NEW AND EXISTING 6" WL IN MILDRED.
OPEN THE FOLLOWING VALVES:
1111, 1161, 1063, 1062, 313A
RESTRAIN NEW 6" VALVE IN 4TH ST. NORTH OF MILDRED.
PROVIDE TEMPORARY CAP WITH BLOCKING ON NEW 6"WL IN 4TH ST. AT THE NORTH AND SOUTH LIMITS OF CONSTRUCTION PHASE.
OPEN VALVE 1182

B. TO INSTALL: 6" WL FROM MILDRED TO FITZGERALD; 6" WL AND VALVES AT SHROPSHIRE; 6" WL IN FITZGERALD (EAST SIDE OF 4TH ST.); WATER METERS AND SERVICE LINES FROM MILDRED TO FITZGERALD (EAST SIDE OF 4TH ST.).
CLOSE THE FOLLOWING VALVES:
1062, 1063, 1161, 313A, 1133 NEW VALVE IN 4TH ST. NORTH OF MILDRED (313C).
PROVIDE TEPORARY CAP AND BLOCKING ON EXISTING 6" WL AT SHROPSHIRE AT THE WEST LIMITS OF CONSTRUCTION PHASE. AFTER INSTALLATION OF TEMPORARY CAP WITH BLOCKING ON EXISTING 6" WL IN SHROPSHIRE.
OPEN THE FOLLOWING VALVES:
1062, 1063, 1161, 313A
PROVIDE TEMPORARY CAP AND BLOCKING ON NEW 6" WL IN 4TH ST. AT NORTH LIMIT OF CONSTRUCTION PHASE.
RESTRAIN NEW 6" VALVE IN 4TH ST. NORTH OF FITZGERALD. PROVIDE TEMPORARY CAP AND BLOCKING ON NEW 6" WL IN FITZGERALD AT WEST LIMIT OF CONSTRUCTION PHASE.
OPEN NEW VALVE IN 4TH ST. NORTH OF MILDRED (313C).

C. TO INSTALL: 10" WL IN CANDELARIA (EAST SIDE OF 4TH ST.); 6" WL FROM FITZGERALD TO CANDELARIA; CONNECTION AT CANDELARIA; WATER METERS AND SERVICE LINES FROM FITZGERALD TO CANDERLARIA (EAST SIDE OF 4TH ST.).
CLOSE THE FOLLOWING VALVES:
1061, 1062, 1071, 1073, 1081, NEW VALVE IN 4TH ST. NORTH OF FITZGERALD (313E)
PROVIDE TEMPORARY CAP WITH BLOCKING ON NEW AND EXISTING 10" WL IN CANDERARIA AT WEST LIMIT OF CONSTRUCTION PHASE.

II WATER SHUTOFF PLAN FOR 4TH STREET WEST CONSTRUCTION PHASE. ALAMEDA DRAIN TO CANDELARIA

A. TO INSTALL: CONNECTION OF NEW 6" WL TO EXISTING 6" WL SOUTH OF ALAMEDA DRAIN.
CLOSE THE FOLLOWING VALVES:
313A, 1161, 1063, 1062
PROVIDE TEMPORARY CAP WITH BLOCKING ON EXISTING 6" ST WL NORTH OF THE ALAMEDA DRAIN.
VALVE 313A TO REMAIN CLOSED

B. TO INSTALL: CONNECTION OF NEW 6" WL AT SOUTH LIMITS OF EAST AND WEST CONSTRUCTION PHASES.
CLOSE THE FOLLOWING VALVES:
313A, NEW 6" VALVE IN 4TH ST. AT SOUTH END OF EAST CONSTRUCTION PHASE (313B).
AFTER CONNECTION OPEN VALVES 313A, 313B

C. TO INSTALL: 6" WL IN MILDRED (WEST SIDE OF 4TH ST.); TO REMOVE EXISTING 6" ST WL IN 4TH ST. FROM THE ALAMEDA DRAIN TO MILDRED:
CLOSE THE FOLLOWING VALVES:
1103, 1063, 1062
PROVIDE TEMPORARY CAP WITH BLOCKING ON THE EXISTING 6" ST WL IN 4TH ST. AT THE NORTH LIMIT OF CONSTRUCTION PHASE.

D. TO INSTALL: CONNECTION OF NEW 6" WL IN MILDRED AT LIMIT OF EAST AND WEST CONSTRUCTION PHASE; WATER METERS AND SERVICE LINES FOR ALAMEDA DRAIN TO MILDRED (WEST SIDE OF 4TH ST.):
CLOSE THE FOLLOWING VALVES:
NEW 6" VALVE IN 4TH ST. NORTH OF ALAMEDA DRAIN (313B), NEW 6" VALVE IN 4TH ST. NORTH OF MILDRED (313C), NEW 6" VALVE IN MILDRED EAST OF 4TH ST. (1162), NEW 6" VALVE IN MILDRED WEST OF 4TH ST (1161).

E. TO INSTALL: 6" WL IN FITZGERALD (WEST SIDE OF 4TH ST.); TO REMOVE EXISTING 6" ST WL IN 4TH ST. FROM MILDRED TO FITZGERALD:
CLOSE THE FOLLOWING VALVES:
742, 791, 792, 1062
PROVIDE TEMPORARY CAP WITH BLOCKING ON THE EXISTING 6" ST WL IN 4TH ST. AT THE NORTH LIMIT OF CONSTRUCTION PHASE.

F. TO INSTALL: CONNECTION OF NEW 6" WL IN FITZGERALD AT LIMIT OF EAST AND WEST CONSTRUCTION PHASE; WATER METERS AND SERVICE LINES FOR MILDRED TO FITZGERALD (WEST SIDE OF 4TH ST.):
CLOSE THE FOLLOWING VALVES:
NEW 6" VALVE IN 4TH ST. NORTH OF SHROPSHIRE (313D), NEW 6" VALVE IN 4TH ST. NORTH OF FITZGERALD (313E), NEW 6" VALVE IN FITZGERALD WEST OF 4TH ST (1063).

G. TO INSTALL: NEW 10" WL IN CANDELARIA (WEST SIDE OF 4TH ST.); TO REMOVE EXISTING 6" ST WL IN 4TH ST. FROM FITZGERALD TO CANDELARIA:
CLOSE THE FOLLOWING VALVES:
1011, 1012,

H. TO INSTALL: CONNECTION OF NEW 10" WL IN CANDELARIA AT LIMIT OF EAST AND WEST CONSTRUCTION PHASE; WATER METERS AND SERVICE LINES FROM FITZGERALD TO CANDELARIA (WEST SIDE OF 4TH ST.):
CLOSE THE FOLLOWING VALVES:
NEW 6" VALVE IN 4TH ST. NORTH OF FITZGERALD (313E), NEW 10" VALVES IN CANDELARIA EAST AND WEST OF 4TH ST. (1072, 1061), 1071

III WATER SHUTOFF PLAN. CANDELARIA TO FREEMAN

A. TO INSTALL: WATER METERS BETWEEN CANDELARIA AND HEADINGLY, LOWER WATER LINE AT VERANDA.
CLOSE THE FOLLOWING VALVES (IF REQUIRED):
572, 573, 574, 971, 972, 1021, 1022, 1071

B. TO INSTALL: WATER METERS BETWEEN HEADINGLY AND SAN LORENZO, LOWER WATER LINE WHERE REQUIRED.
CLOSE THE FOLLOWING VALVES (IF REQUIRED):
573, 571, 523, 522, 521

C. TO INSTALL: WATER METERS BETWEEN SAN LORENZO AND GRIEGOS, LOWER WATER LINE WHERE REQUIRED.
CLOSE THE FOLLOWING VALVES (IF REQUIRED):
522, 473, 472, 471, 421, 377, 373, 374, 324A

GENERAL NOTES:

1. WATER SHUT-OFF PLANS SHOWN WERE PREPARED USING THE CITY OF ALBUQUERQUE WATER RECORD MAPS AND ARE PROVIDED FOR THE PURPOSE OF COORDINATING WATER VALVE CLOSURES WITH NEW CONSTRUCTION.
2. OPERATION OF THE EXISTING WATER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 18 OF THE GENERAL CONDITIONS, CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, WHICH SHALL TAKE PRECEDENCE OVER THESE PLANS.
3. WATER SHUT-OFF HOURS DURING ANY ONE DAY WILL BE DETERMINED BY THE PROJECT MANAGER
4. THE CONTRACTOR SHALL APPLY FOR A WATER SHUT-OFF PERMIT FROM THE WATER UTILITIES DIVISION AT LEAST TEN (10) DAYS BEFORE THE DATE OF THE ACTUAL SHUT-OFF.
5. THE CONTRACTOR SHALL CONTACT CITY LINE MAINTENANCE AND THE FIRE DEPARTMENT PRIOR TO ANY AND ALL WATERLINE SHUT-OFFS. THE CONTRACTOR MAY BE REQUIRED TO MAKE WATERLINE CONNECTIONS AND FIRE HYDRANT RELOCATIONS DURING NON-BUSINESS HOURS.
6. WATER SHUT-OFF FOR CONNECTIONS SHALL NOT EXCEED FOUR (4) HOURS.
7. CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE FOR SERVICE INTERRUPTIONS LONGER THAN FOUR (4) HOURS. THE COST FOR TEMPORARY SERVICE SHALL BE INCLUDED IN THE PAY ITEMS FOR THE WATER LINE WORK CAUSING THE OUTAGE.
8. SEE TRAFFIC CONTROL / BUSINESS ACCESS SHEETS FOR NAMES OF BUSINESSES AFFECTED BY WATER UTILITY WORK.

26 3527.910693

RECORD DRAWING
May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result

SURVEY INFORMATION — FIELD NOTES — NO. / BY / DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR MCG, Inc
STAKED BY Contractor DATE
INSPECTORS PANEL BY CAO DATE
FIELD VERIFICATION BY DATE
CORRECTED BY L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
1.	DATE 1-24-92	DESIGNED BY K STELZER	
	DATE 1-24-92	DRAWN BY	
	DATE 1-24-92	CHECKED BY	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PART II A
WATER SHUT-OFF PLAN
ALAMEDA DRAIN TO GRIEGOS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Ron Hugg	1-31-92	WATER	Hall for	1-31-92
TRANSPORTATION	R Boyd	1-30-92	WASTE WATER	Hall	"
HYDROLOGY	S. Boberg	1-31-92			

PROJECT NO. 3527.91 | MAP NO. G14S8N | SHEET G-6 OF

NOTES:

IV WATER SHUTOFF PLAN. FREEMAN TO MONTANO

A. TO INSTALL: FIRE HYDRANT AT THE NW CORNER OF 4th AND FREEMAN.
CLOSE THE FOLLOWING VALVES:
364, 375, 376, 377

B. TO INSTALL: FIRE HYDRANT AT THE NW CORNER OF 4th AND BELLROSE.
CL SE THE FOLLOWING VALVES:
372, 373

C. TO INSTALL: FIRE HYDRANT AND SERVICE LINE AT THE SW CORNER OF 4th AND GRIEGOS.
CLOSE THE FOLLOWING VALVES:
324, 324A

D. TO INSTALL: FIRE HYDRANT AT THE NE CORNER OF 4th AND GRIEGOS.
CLOSE THE FOLLOWING VALVE:
331

E. TO INSTALL: WATER METERS BETWEEN GRIEGOS AND SAN ANDRES.
CLOSE THE FOLLOWING VALVES (IF REQUIRED):
1081, 1082, 1131, 1133, 1181, 325

F. TO INSTALL: FIRE HYDRANT AT 4th AND NATALIE; WATER METERS BETWEEN SAN ANDRES AND MONTANO (IF REQUIRED).
CLOSE THE FOLLOWING VALVES:
589, 932, 933, 934, 981, 982, 1031, 1032, 1081

GENERAL NOTES:

1. WATER SHUT-OFF PLANS SHOWN WERE PREPARED USING THE CITY OF ALBUQUERQUE WATER RECORD MAPS AND ARE PROVIDED FOR THE PURPOSE OF COORDINATING WATER VALVE CLOSURES WITH NEW CONSTRUCTION.
2. OPERATION OF THE EXISTING WATER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 18 OF THE GENERAL CONDITIONS, CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, WHICH SHALL TAKE PRECEDENCE OVER THESE PLANS.
3. WATER SHUT-OFF HOURS DURING ANY ONE DAY WILL BE DETERMINED BY THE PROJECT MANAGER
4. THE CONTRACTOR SHALL APPLY FOR A WATER SHUT-OFF PERMIT FROM THE WATER SYSTEMS DIVISION AT LEAST THREE (3) DAYS BEFORE THE DATE OF THE ACTUAL SHUT-OFF.
5. THE CONTRACTOR SHALL CONTACT CITY LINE MAINTENANCE AND THE FIRE DEPARTMENT PRIOR TO ANY AND ALL WATERLINE SHUT-OFFS. THE CONTRACTOR MAY BE REQUIRED TO MAKE WATERLINE CONNECTIONS AND FIRE HYDRANT RELOCATIONS DURING NON-BUSINESS HOURS.
6. WATER SHUT-OFF FOR CONNECTIONS SHALL NOT EXCEED FOUR (4) HOURS.
7. CONTRACTOR SHALL PROVIDE TEMPORARY WATER SERVICE FOR SERVICE INTERRUPTIONS LONGER THAN FOUR (4) HOURS. THE COST FOR TEMPORARY SERVICE SHALL BE INCLUDED IN THE PAY ITEMS FOR THE WATER LINE WORK CAUSING THE OUTAGE.
8. SEE TRAFFIC CONTROL / BUSINESS ACCESS SHEETS FOR NAMES OF BUSINESSES AFFECTED BY WATER UTILITY WORK.

26 3527.910793

RECORD DRAWING
May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in these record documents as a result thereof.

AS BUILT INFORMATION
CONTRACTOR N.M.C.C. Inc.
WORK STAKED BY Contractor DATE
INSPECTOR'S ACCEPTANCE BY CAO DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY K. STELZER DATE 1-24-92
DRAWN BY G.C. DATE 1-24-92
CHECKED BY

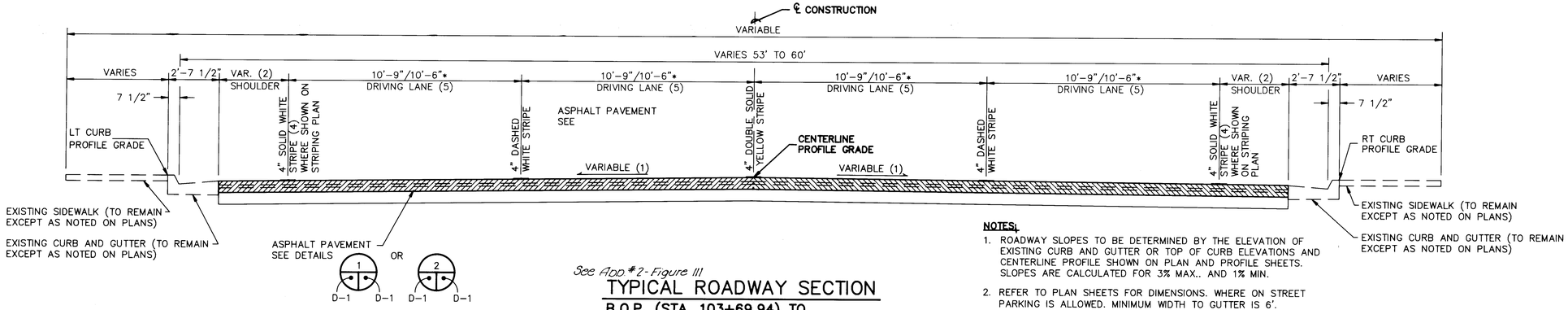
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PART IIA
WATER SHUT-OFF PLAN
FREEMAN TO MONTANO

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger Hoen	1-31-92	WATER	[illegible]	1-31-92
TRANSPORTATION	[illegible] RHO	1-30-92	WASTE WATER	RHO	"
HYDROLOGY	S. Boberg	1-31-92			

PROJECT NO. 3527.91 MAP NO. G14S&N SHEET G-7 OF

F.H.W.A. Region No.	STATE	'NMP MAP 2351(901)	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO		D-1	



See App.#2-Figure III

TYPICAL ROADWAY SECTION

B.O.P. (STA. 103+69.94) TO E.O.P. (STA. 182+93.00)

*10'-6" DRIVING LANES TYPICAL NORTH OF BELLROSE. SEE DETAIL THIS SHEET

B.O.P. (Sta. 103+69.94) to E.O.P. (Sta. 138+33.61)
B.O.P. (Sta. 141+88.85) to E.O.P. (Sta. 182+93.00)

NOTES:

1. ROADWAY SLOPES TO BE DETERMINED BY THE ELEVATION OF EXISTING CURB AND GUTTER OR TOP OF CURB ELEVATIONS AND CENTERLINE PROFILE SHOWN ON PLAN AND PROFILE SHEETS. SLOPES ARE CALCULATED FOR 3% MAX.. AND 1% MIN.
2. REFER TO PLAN SHEETS FOR DIMENSIONS. WHERE ON STREET PARKING IS ALLOWED. MINIMUM WIDTH TO GUTTER IS 6'.
3. SEE SHEETS T-20 THROUGH T-22 FOR STRIPING PLAN.
4. EDGE STRIPE IS DELETED WHERE SHOWN ON STRIPING PLAN.
5. SEE STRIPING PLAN FOR DRIVING LANE WIDTH VARIATIONS.

TRAFFIC VOLUME ESTIMATES

BOP TO CANDELARIA RD.
ADT (1990) ACTUAL 19,400
ADT (2010) 22,500 DHV (2010) =

CANDELARIA RD. TO GRIEGOS RD.
ADT (1990) ACTUAL 22,200
ADT (2010) 23,000 DHV (2010) =

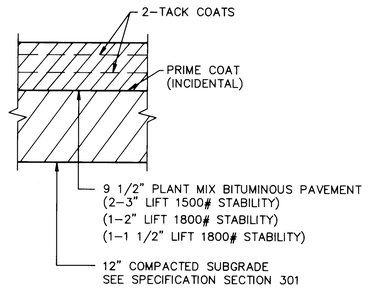
GRIEGOS RD. TO MONTANO RD.
ADT (1990) ACTUAL 26,100
ADT (2010) 26,900 DHV (2010) =

DESIGN SPEED

35 MPH- B.O.P. STA. 103 + 69.94 TO E.O.P. STA. 182 + 93.00

LENGTH OF PROJECT

STATION TO STATION		LIN. FT.	MILES
103+69.94	182+93.00	7923.1	1.501



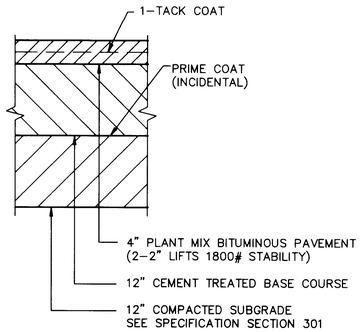
NOTE: NEW GUTTER SHALL BE 9 1/2" THICK AT LIP SO THAT SUBGRADE ELEVATION IS THE SAME FOR PAVEMENT AND CURB & GUTTER.

See App.#2-Detail 1R

FULL DEPTH ASPHALT PAVEMENT

1 D-1 D-1

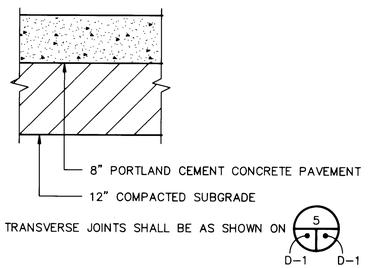
NOTE: FULL DEPTH ASPHALT PAVEMENT IS TO BE USED WHERE FEASIBLE. ASPHALT PAVEMENT WITH CTB IS TO BE USED WHERE SUBGRADE SOIL CONDITIONS ARE UNDESIREABLE WITH WRITTEN APPROVAL FROM THE ENGINEER. FOR ESTIMATING PURPOSES, ONE HALF OF THE TOTAL PAVEMENT WAS ASSUMED TO BE ASPHALT PAVEMENT WITH CTB.



See App.#2-Detail 2R

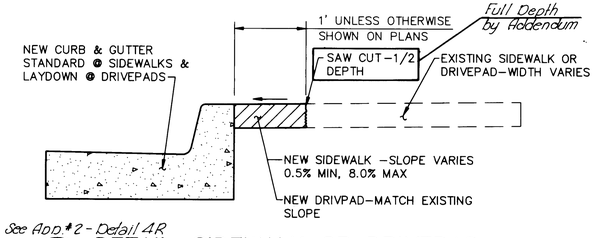
ASPHALT PAVEMENT W/CTB

2 D-1 D-1



PORTLAND CEMENT CONCRETE PAVEMENT (BUS BAYS ONLY)

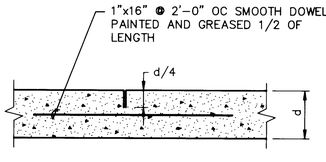
3 D-1 D-1



See App.#2-Detail 4R

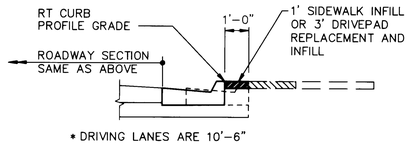
DETAIL-SIDEWALK OR DRIVEPAD REPLACEMENT @ NEW CURB & GUTTER

4 D-1 D-1



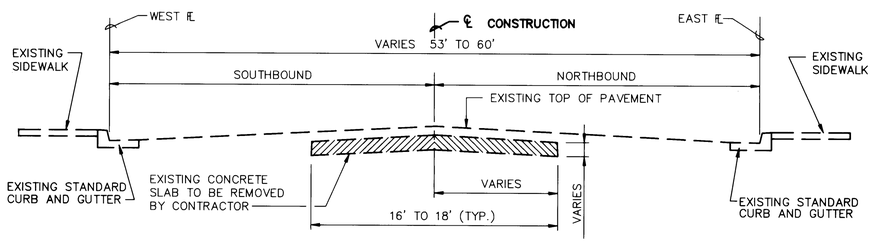
CONCRETE PAVEMENT DOWELED CONTRACTION JOINTS

5 D-1 D-1



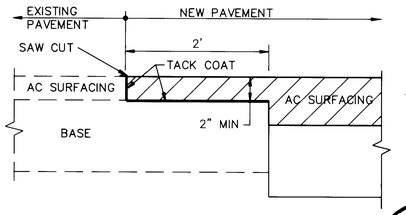
TYPICAL RT CURB REPLACEMENT

BELLROSE AVE (STA. 150+52.94) TO E.O.P. (STA 182+93.00)



EXISTING ROADWAY SECTION

4TH ST. N.W.



SURFACING CONNECTION

26 3527.910893

RECORD DRAWING
May 26, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

No.	DESCRIPTION	DATE	BY
5			
4			
3			
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REVISIONS (or CHANGE NOTICES)

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

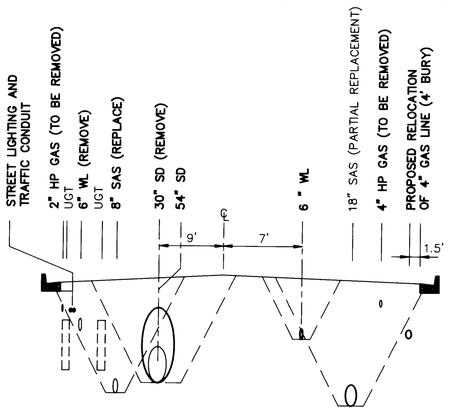
NEW MEXICO STATE HIGHWAY DEPARTMENT

TYPICAL ROADWAY SECTIONS

COA PROJECT NO.	MAP NO.	N.M. PROJECT NO.	SHEET
3527.91	-	MAP - 2351(901)	D-1

I:\ROAD\3527\10\PDSHEETS\1-28-92\MDL.T4

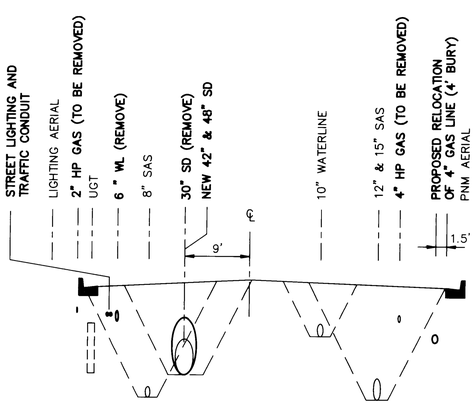
S.H.W.A. Region No.	STATE	NMP MAP 2351(901)	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO		D-2	



NOTE: A TRENCH PROTECTION SYSTEM SHALL BE UTILIZED FOR 8" SAS REPLACEMENT WHICH SHALL PROTECT UGT DUCTS FROM DAMAGE.

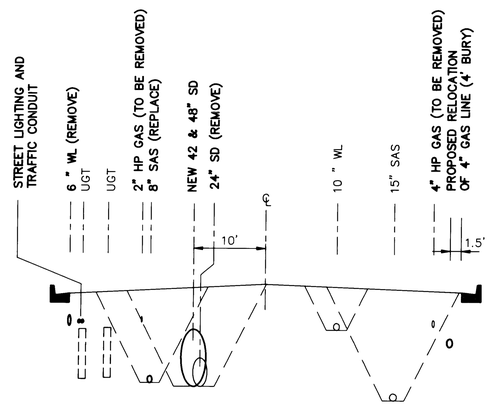
ALAMEDA DRAIN TO CANDELARIA ROAD

APPROXIMATE SCALE
HORIZONTAL 1"=10'
VERTICAL 1"=5'



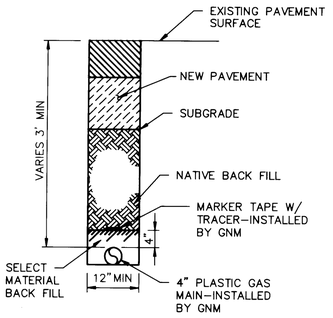
CANDELARIA RD. TO SAN LORENZO

APPROXIMATE SCALE
HORIZONTAL 1"=10'
VERTICAL 1"=5'



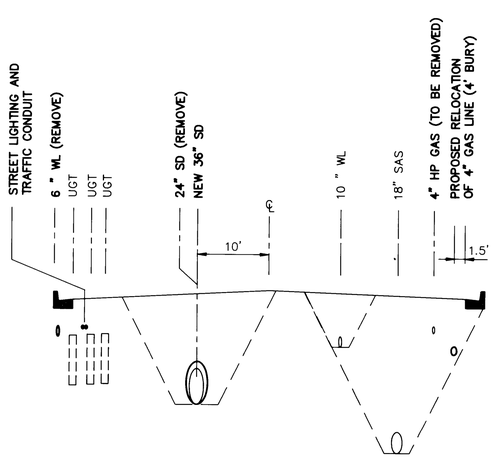
SAN LORENZO TO PALO DURO

APPROXIMATE SCALE
HORIZONTAL 1"=10'
VERTICAL 1"=5'



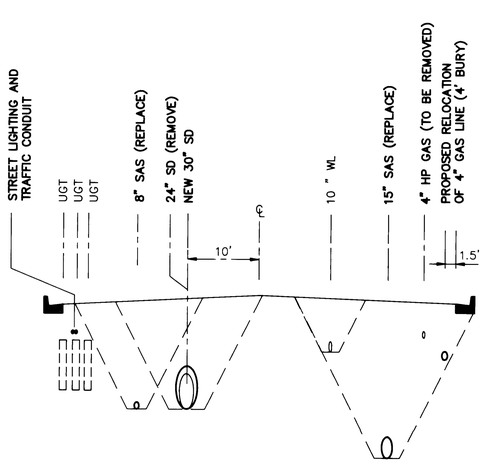
TYPICAL GAS LINE TRENCH DETAIL

SCALE: 3/4"=1'-0"



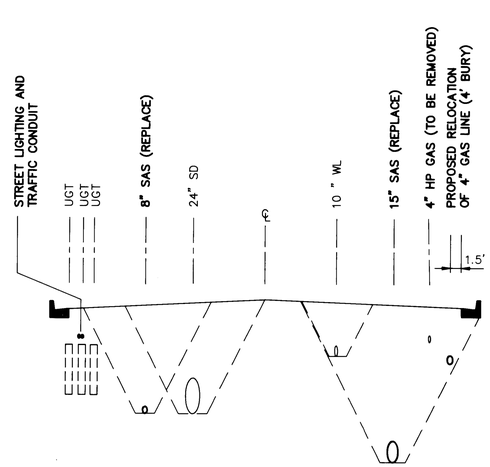
PALO DURO TO DOUGLAS MACARTHUR

APPROXIMATE SCALE
HORIZONTAL 1"=10'
VERTICAL 1"=5'



DOUGLAS MACARTHUR TO HENDRIX

APPROXIMATE SCALE
HORIZONTAL 1"=10'
VERTICAL 1"=5'



HENDRIX TO MONTANO

APPROXIMATE SCALE
HORIZONTAL 1"=10'
VERTICAL 1"=5'

GAS LINE TRENCH NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR VERTICAL LOCATION OF GAS LINE TO AVOID CONFLICTS WITH EXISTING UTILITIES AND NEW UTILITIES TO BE INSTALLED AS PART OF THIS CONTRACT. TRENCH DEPTH CHANGES SHALL BE GRADUAL TO ACCOMODATE PIPE FLEXIBILITY PER GNM REQUIREMENTS.
2. THE NEW GAS LINE WILL BE INSTALLED PRIOR TO OTHER UTILITIES. THE CONTRACTOR SHALL PROVIDE PROTECTION OR TEMPORARY SUPPORT FOR THE NEW GAS LINE WHERE REQUIRED FOR OTHER UTILITY INSTALLATION.
3. TRENCH MUST SATISFY APPLICABLE OSHA AND OTHER CODE REQUIREMENTS.

NOTE:

CAUTION!
THE TRENCH PRISMS SHOWN ON THESE DRAWINGS ARE FOR USE IN EVALUATING UTILITY LOCATIONS ONLY. THESE PRISMS DO NOT MEET CURRENT OSHA CRITERIA AND CANNOT BE USED FOR CONSTRUCTION PURPOSES.

No.	DESCRIPTION	DATE	BY
5			
4			
3			
2			
1			

REVISIONS (or CHANGE NOTICES)

26 3527.910993

RECORD DRAWING
Date May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, Engineer will not be responsible for the accuracy of this information nor for any errors or omissions which may appear on the record document as a result thereof.

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

NEW MEXICO STATE HIGHWAY DEPARTMENT

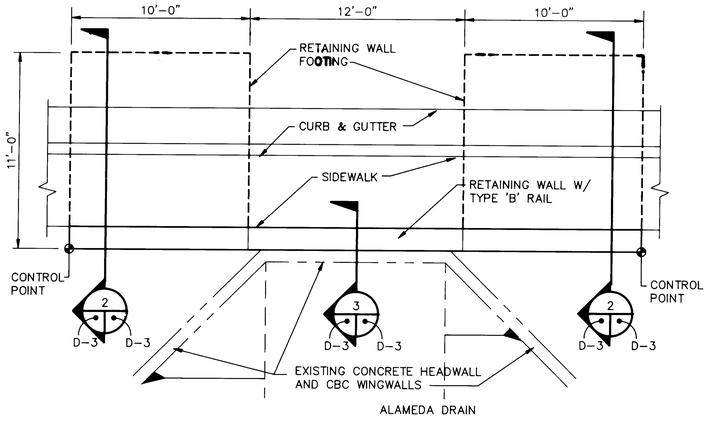
UTILITY SECTIONS

COA PROJECT NO.	MAP NO.
3527.91	—

N.M. PROJECT NO. MAP - 2351(901) SHEET D-2

10/2001.530210/UTSREACH/01-21-92/MDJ

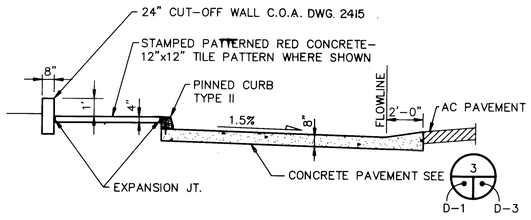
F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	D-3	



RETAINING WALL PLAN

1 — R-1 D-3

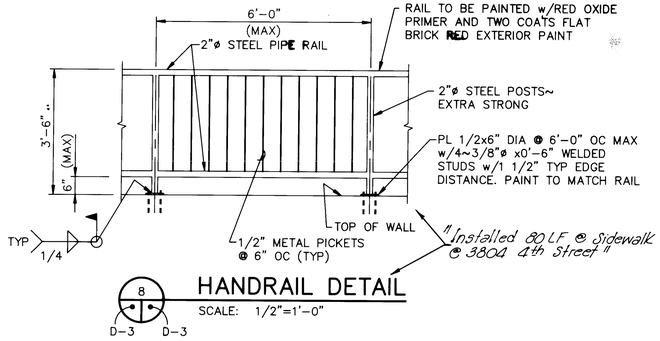
SCALE: 1/4"=1'-0"



BUS BAY SECTION AT GRIEGOS

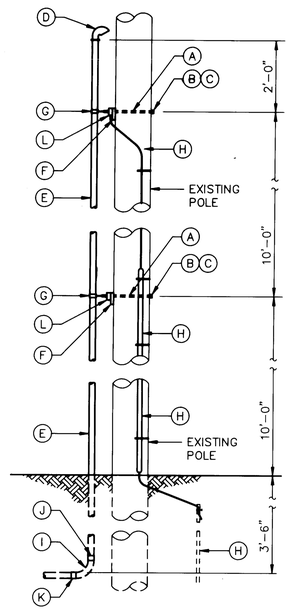
4 — R-10 D-3

SCALE: 1/4"=1'-0"



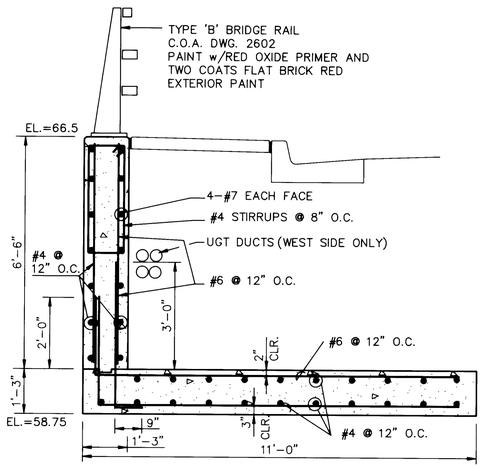
HANDRAIL DETAIL

SCALE: 1/2"=1'-0"



SERVICE ENTRANCE CONDUIT DETAIL

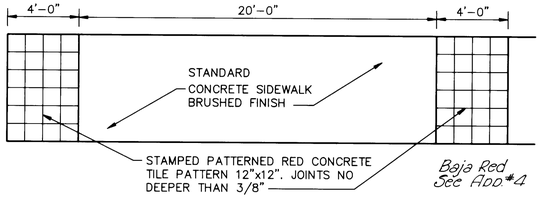
MATERIAL LIST	
ITEM	DESCRIPTION
A	5/8" MACHINE BOLT
B	2 1/4" SQUARE WASHER
C	5/8" MF LOCKNUT
D	WEATHERHEAD
E	2" RIGID CONDUIT
F	UNIVERSAL SUPPORT BRACKET(PNM#DS-18-13.0)
G	2" PIPE STRAP KIT
H	GROUND ASSEMBLY (PNM#DS-18-20.1)
I	2" 90° GALV. ELBOW
J	2" GALV. COUPLING
K	2" PLASTIC BUSHING
L	LAG SCREW



RETAINING WALL SECTION

2 — D-3 D-3

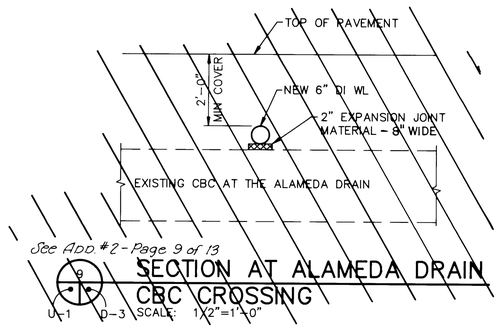
SCALE: 1/2"=1'-0"



BUS BAY SIDEWALK DETAIL

5 — R-4,9,10 D-3

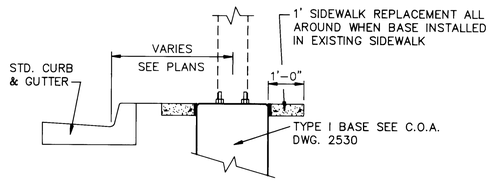
SCALE: 1/4"=1'-0"



SECTION AT ALAMEDA DRAIN CBC CROSSING

9 — U-1 D-3

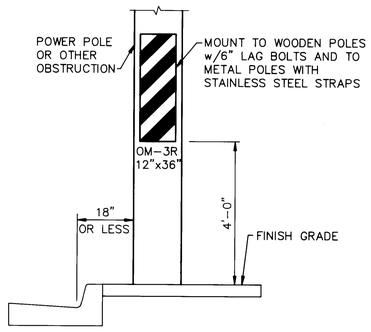
SCALE: 1/2"=1'-0"



STREET LIGHT BASE DETAIL

6 — U-1 THRU U-14 D-3

SCALE: 1/2"=1'-0"



HAZARD OBJECT MARKERS

10 — D-3 D-3

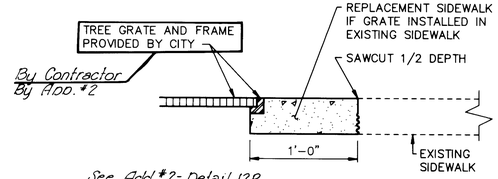
SCALE: 1/2"=1'-0"

*NOTE: ALL POWER POLES AND OTHER NON-BREAKAWAY OBJECTS WITHIN 18" OF THE FACE OF CURB ARE TO BE SIGNED WITH OM-3R OBJECT MARKER IN ACCORDANCE WITH MUTCD.

UNDERGROUND STREET LIGHTING RISER POLE

11 — U-1 THRU U-14 D-3

NTS

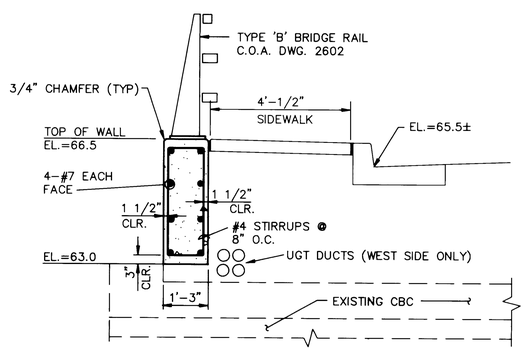


See Add#2-Detail 12R

TREE GRATE INSTALLATION DETAIL

12 — D-3 D-3

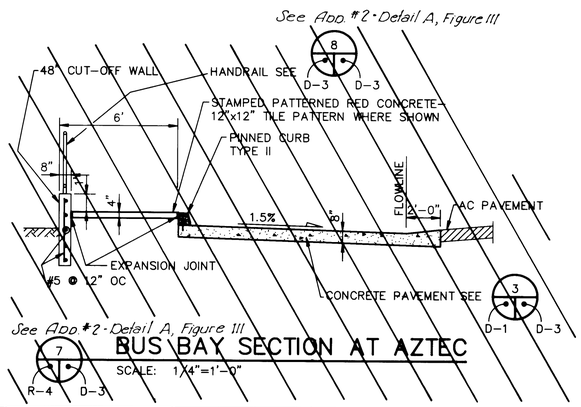
NTS



SECTION AT CULVERT

3 — D-3 D-3

SCALE: 1/2"=1'-0"



BUS BAY SECTION AT AZTEC

7 — R-4 D-3

SCALE: 1/4"=1'-0"

No.	DESCRIPTION	DATE	BY
5			
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2			
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REVISIONS (or CHANGE NOTICES)

26 3527.911093

RECORD DRAWING

Date May 26, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted to the Owner will be assumed to be correct, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

CLINTON BAKER — NEW MEXICO — 12844 — REGISTERED PROFESSIONAL ENGINEER

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

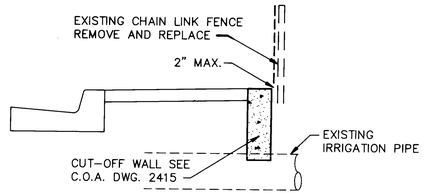
NEW MEXICO STATE HIGHWAY DEPARTMENT

MISCELLANEOUS DETAILS

COA PROJECT NO.	MAP NO.
3527.91	—

N.M. PROJECT NO. MAP - 2351(901) SHEET D-3

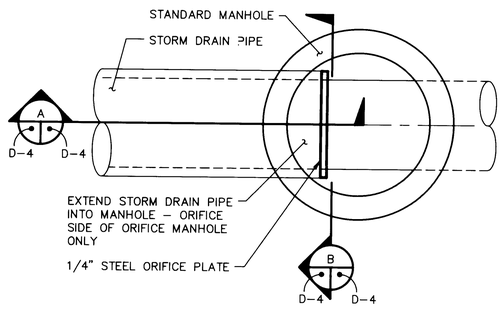
24/DGN:3.3D010/D0010E1/1-23-92/ADL14



1 R-8 D-4

SIDEWALK – CUT-OFF WALL DETAIL

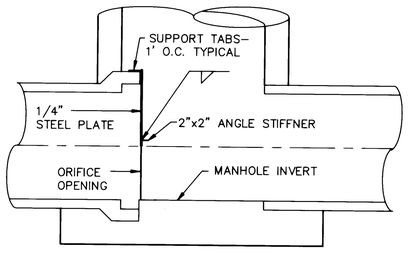
SCALE: 1/2"=1'-0"



2 SD-1,4,6,7 SD-10,11,13 D-4

PLAN – STORM DRAIN ORIFICE/MANHOLE

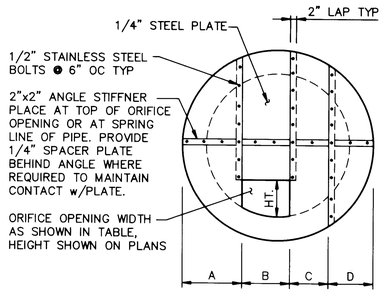
SCALE: 1/2"=1'-0"



A D-4 D-4

SECTION

SCALE: 1/2"=1'-0"



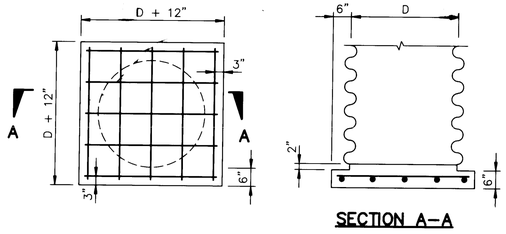
ORIFICE PLATE DIMENSIONS				
PIPE DIA.	A	B	C	D
54"	20	16	15	15
48"	20	16	11	11
42"	18	16	18	0
36"	14	16	14	0
30"	13	12	13	0

NOTE:
ADJUST DIMENSIONS A & C
TO MEET FIELD CONDITIONS.

B D-4 D-4

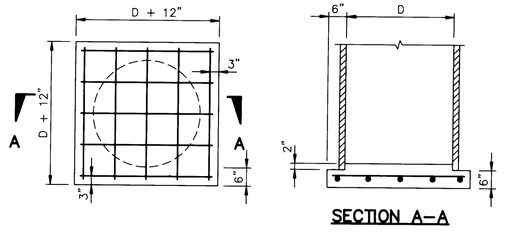
ELEVATION – ORIFICE PLATE

NTS



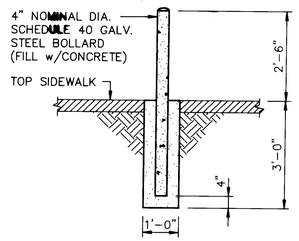
TYPICAL PIPE PLUG DETAIL

NTS



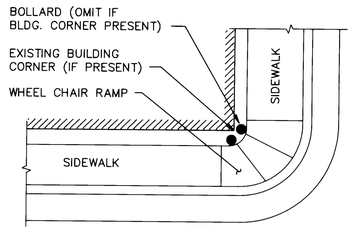
TYPICAL CONCRETE PIPE PLUG

NTS



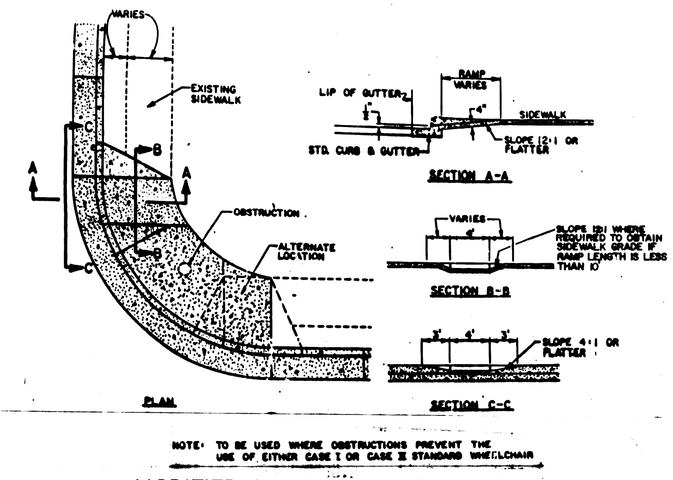
BOLLARD DETAIL

NTS



BOLLARD LOCATION PLAN

NTS



NOTE: TO BE USED WHERE OBSTRUCTIONS PREVENT THE USE OF EITHER CASE I OR CASE II STANDARD WHEELCHAIR

MODIFIED WHEELCHAIR RAMP DETAILS

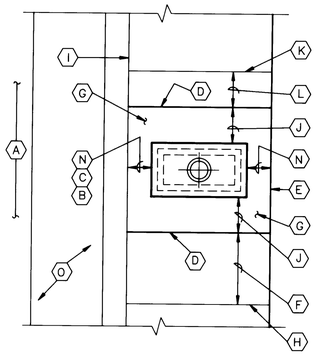
NTS

METER BOX NOTES

1. METER BOX TO BE PLACED SO THAT EXISTING CURB STOP IS ACCESSIBLE AND METER REGISTER IS READABLE THROUGH LID OPENING.
2. IF 1. CAN'T BE ACHIEVED WITH 8" CONCRETE AROUND BOX, THEN CITY WILL ADJUST METER POSITION.
3. CURB BOX REQUIRED ONLY WHERE ONE PREVIOUSLY WAS INSTALLED.
4. SAWCUT THE CONCRETE AS NECESSARY TO MINIMIZE REMOVAL OF EXISTING GOOD CONCRETE MATERIAL.
5. TOP OF BOX LID TO BE FLUSH WITH CONCRETE SURFACE AND REMOVABLE BY HAND AFTER CONCRETE IS CURED.
6. CONSULT ENGINEER IF ANY DIMENSIONS CAN'T BE MADE.

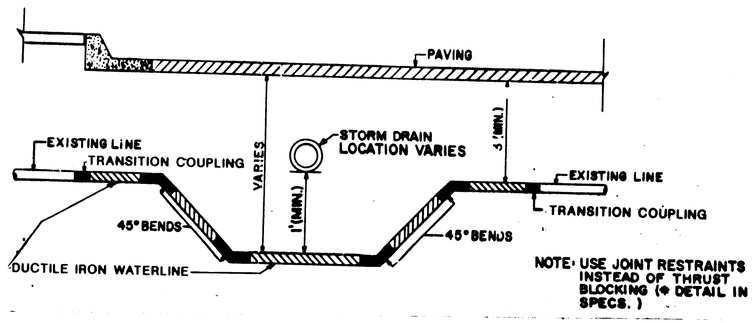
CONSTRUCTION NOTES

- A STREET SURFACE
- B CURB STOP AND BOX FOR SINGLE METER
- C CURB STOP AND BOX FOR DOUBLE METERS
- D NEW CONSTRUCTION JOINT WITH 1/2" EXPANSION JOINT MATERIAL
- E 1/2" EXPANSION JOINT MATERIAL FOR 6' OR WIDER SIDEWALK OR DIRVEPAD
- F 24" MINIMUM SLAB LEFT
- G 6" MINIMUM THICK SLAB OR MATCH EXISTING
- H EXISTING EXPANSION JOINT
- I BACK OF CURB
- J 12" MINIMUM, 36" MAXIMUM
- K EXISTING CONTRACTION JOINT
- L 12" MINIMUM
- N 8" MINIMUM
- O CONCRETE CURB AND GUTTER



METERBOX REPLACEMENT AND SIDEWALK REPAIR

NTS



EXISTING WATERLINE LOWERING AT STORM DRAIN CROSSING

NTS

F.H.W.A. Region No.	STATE		SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	NMP MAP 2351(901)	D-4	

No.	DESCRIPTION	DATE	BY
5			
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REVISIONS (or CHANGE NOTICES)

26 3527.911193

RECORD DRAWING
Date May 26 1993

These drawings have been revised based on the construction records of the wire vehicle and information submitted by the Owner will be assumed to be accurate, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record drawings.

LEEDSHILL-HERKENHOFF, INC.
ENGINEERS ARCHITECTS
ALBUQUERQUE SANTA FE SAN DIEGO

NEW MEXICO STATE HIGHWAY DEPARTMENT

MISCELLANEOUS DETAILS

COA PROJECT NO.	MAP NO.
3527.91	–

N.M. PROJECT NO. MAP - 2351(901) SHEET D-4

24/Sheet.3.3D010/MISDET4/01-22-92/MDJ

GENERAL ROADWAY NOTES

1. SPECIFIC ROADWAY REMOVALS ARE NOT CALLED OUT ON THE PLANS. IN GENERAL, ALL EXISTING ASPHALT AND CONCRETE PAVEMENT IS TO BE REMOVED ON FOURTH STREET AND TO THE CONSTRUCTION LIMITS ON SIDE STREETS. NEW CURB & GUTTER, SIDEWALK AND DRIVEPADS WILL REQUIRE REMOVAL OF THE EXISTING FACILITY WHERE IT CURRENTLY EXISTS.

2. ALL CURB & GUTTER IS STANDARD PER C.O.A. DWG.NO.2415 UNLESS OTHERWISE SHOWN. MATCH EXISTING FLOWLINE AT CONNECTION TO EXISTING GUTTER.

3. FLOWLINE SPOT ELEVATIONS AT RETURNS ARE MEASURED CLOCKWISE AND EQUAL DISTANCE FROM PC TO PT. POINTS 1 AND 5 ARE PC AND PT POINTS RESPECTIVELY.

4. DRIVEPAD STATIONS ARE THE CENTERLINE OF THE DRIVEPAD. DRIVEPAD WIDTH IS 6.5' AS SHOWN ON COA STANDARD DRAWING 2425, UNLESS OTHERWISE SHOWN ON PLANS.

5. LAYDOWN CURB IS TO BE CONSTRUCTED IN ACCORDANCE WITH COA STANDARD DRAWING 2415, "GUTTER AT DRIVEPAD" DETAIL.

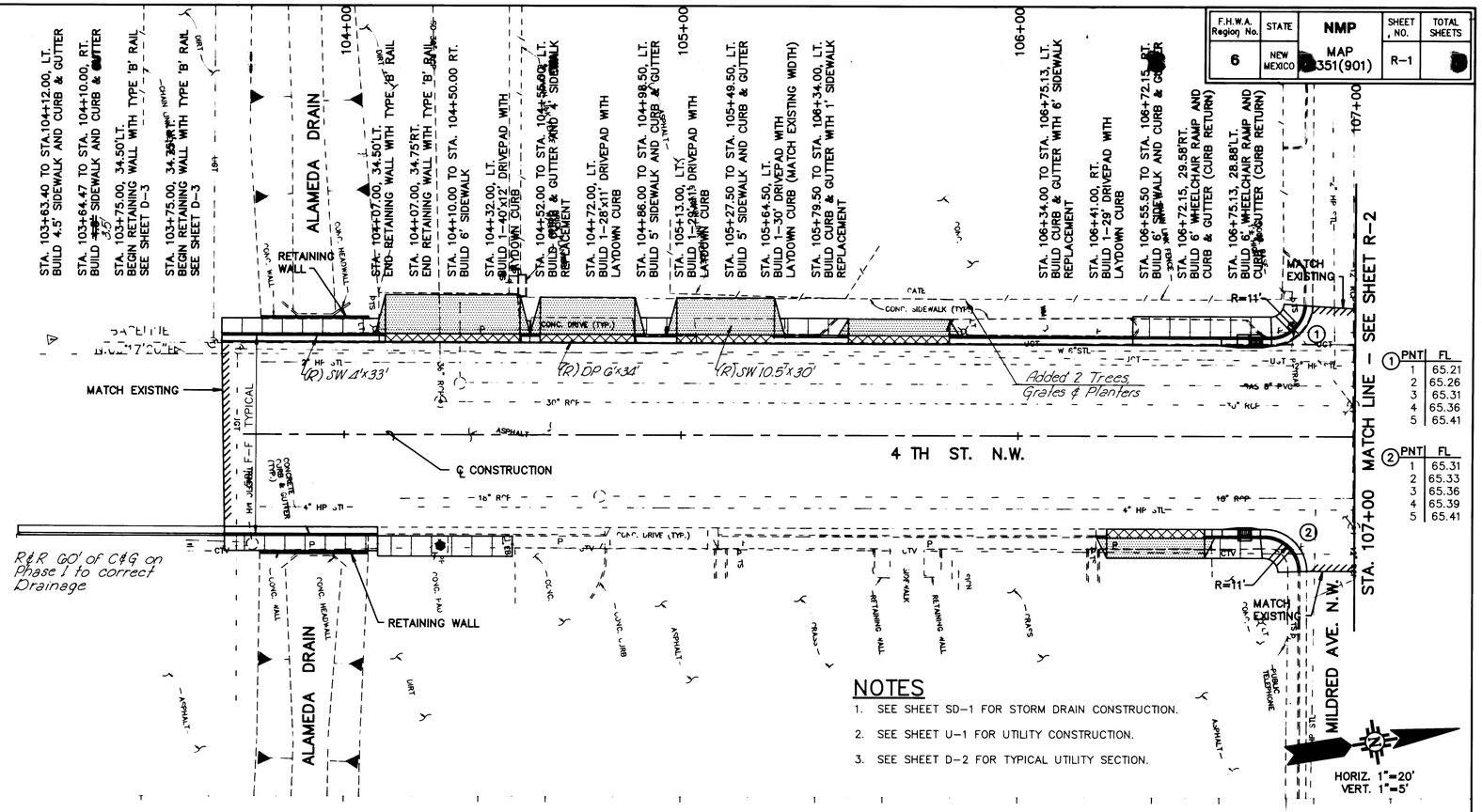
6. REPLACEMENT CURB & GUTTER SHALL MATCH EXISTING DRIVEPAD CONFIGURATIONS WHERE DRIVEPADS ARE NOT BEING RECONSTRUCTED. ALL OTHER CURB & GUTTER SHALL BE STANDARD CURB & GUTTER UNLESS OTHERWISE NOTED ON THE PLANS.

7. WHEELCHAIR RAMPS SHALL CONFORM TO COA DWG.2441 AND DETAIL SHEET D-4, WITH ADJUSTMENT FOR LOCAL CONDITIONS. RAMP SLOPES SHALL NOT EXCEED 12 HORIZONTAL TO 1 VERTICAL AND CLEAR RAMP WIDTHS SHALL NOT BE LESS THAN 3 FEET.

8. SEE SHEET G-5 FOR ADDITIONAL GENERAL NOTES.

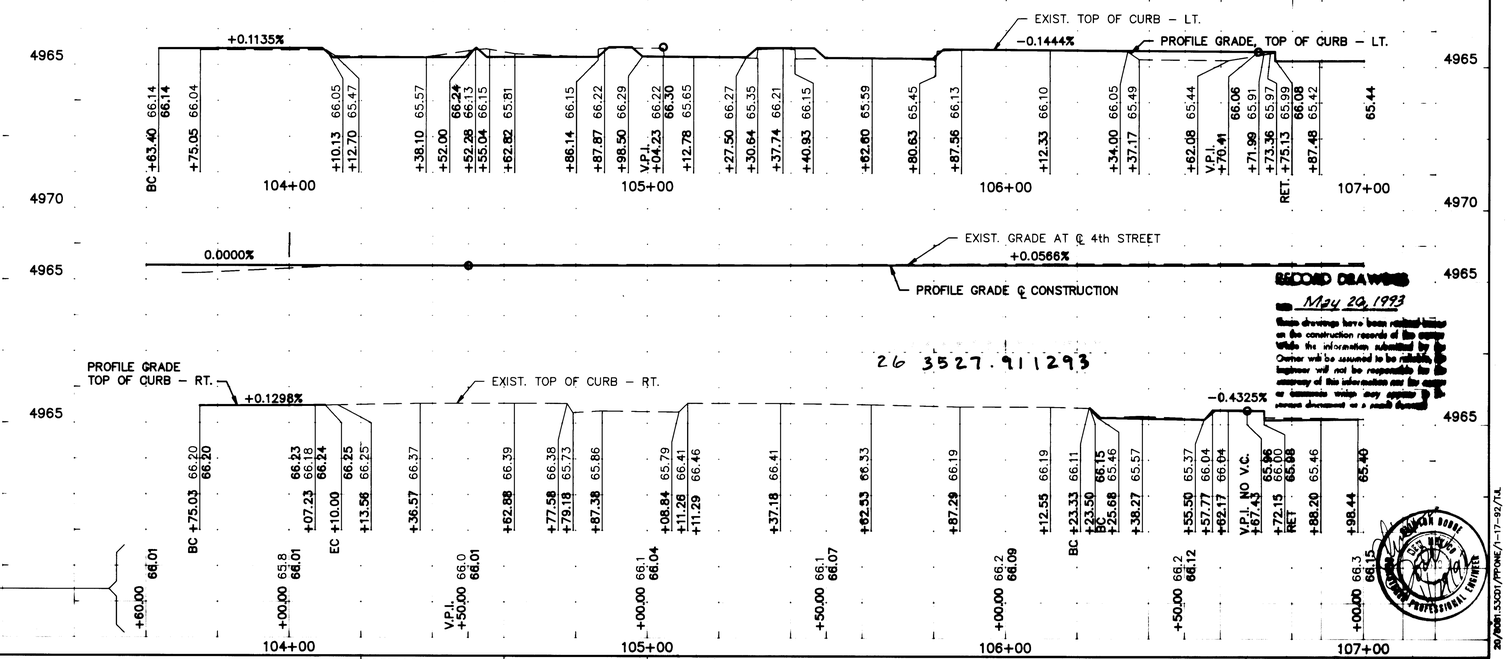
As Built Notes

1. *Replaced C&G @ the SW & NW Corners of 4th & Solar. Installed Wheel Chair Ramps. also replaced 2 Traffic Loop.*
2. *Also Installed sidewalk on Phase I*
   (a.) SW Corner of 4th & Phoenix
   (b.) SW Corner of 4th & Prospect
   (c) West Side @ 4th & McKnight
3. *157+00 Lt (+) (Baskin Robbins) placed millings on Alley West of Building. Also installed Bollards at property line (Baskin Robbins/Furrs)*
   PMSC placed on Phase I. Lomas to the Alameda Drain.
4. *Phase I Striped after PMSC. Shoulder Stripes Deleted.*
5. *Replaced Traffic Loops @ Fajtec. West & East.*
6. *CTB Section only used between 151+50 to 166+00 (4th St.)*



NOTES

1. SEE SHEET SD-1 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-1 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.



NOTE:
PROFILE GRADE ELEVATIONS AT CENTERLINE OF 4TH STREET (TYPICAL ALL PLAN & PROFILE DWGS.)

RECORD DRAWINGS
May 20, 1993
These drawings have been reviewed by me on the construction records of the Contractor. While the information submitted by the Contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information and for any claims made by any person whatsoever as a result thereof.

26 3527.911293

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-1	

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-1

20/dgn.53C01/PPOWE/1-17-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-2	

STA. 107+00 MATCH LINE – SEE SHEET R-1

STA. 113+00 MATCH LINE – SEE SHEET R-3

MILDRED AVE. N.W.

FITZGERALD RD. N.W.

4TH ST. N.W.

SHROPSHIRE PL. N.W.

BASELINE

STA. 107+24.72 TO STA. 107+52.00, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 107+24.72, 29.71'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 107+34.72, 29.66'LT. (Back of Curb) BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 107+34.72 TO STA. 107+51.00, LT. BUILD SIDEWALK–MATCH EXISTING WIDTH (10±)

STA. 107+34.72 TO STA. 107+89.00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 107+89.00 TO STA. 108+06.00±, LT. BUILD HALF OF 34'x10' DRIVEPAD WITH LAYDOWN CURB

STA. 108+06.00 TO STA. 109+40.00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK/ DRIVEPAD REPLACEMENT

STA. 108+46.00 TO STA. 108+82.00, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 108+82.00 TO STA. 109+01.00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 109+18.00, RT. BUILD 1–34' DRIVEPAD WITH LAYDOWN CURB

STA. 109+35.00 TO STA. 109+51.00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 109+51.00 TO STA. 109+72.58, RT. BUILD ALLEY INTERSECTION COA DWG. 2428 WITH 6' CURB TRANSITIONS

STA. 109+50.00, LT. BUILD 34'x10' DRIVEPAD WITH LAYDOWN CURB

STA. 109+60.00 TO STA. 110+11.00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 109+72.58 TO STA. 111+37.00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK/ DRIVEPAD REPLACEMENT

STA. 110+11.00 TO STA. 110+17.00, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

~~STA. 110+17.00 TO STA. 111+37.00, LT. BUILD 1–40' DRIVEPAD WITH LAYDOWN CURB (MATCH EXISTING WIDTH)~~ (Driveped 74)

STA. 110+37.00 TO STA. 110+96.00, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 110+96.00 TO STA. 111+26.50, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

~~STA. 111+26.50 TO STA. 111+37.00, LT. BUILD 6' SIDEWALK AND CURB & GUTTER~~

STA. 111+49.50, LT. BUILD 1–~~32'~~ DRIVEPAD WITH LAYDOWN CURB (40')

STA. 111+56.00, RT. BUILD 1–38' DRIVEPAD WITH LAYDOWN CURB

~~STA. 111+61.50 TO STA. 111+70.43 LT. BUILD 6' SIDEWALK AND CURB & GUTTER~~

STA. 111+70.43 TO STA. 111+88.00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 111+75.00 TO STA. 112+64.00, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 111+88.00 TO STA. 112+25.00, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 112+25.00 TO STA. 112+46.30, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 112+46.30, 24.23'LT. (Back of Curb) BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 112+75.00, RT. BUILD 1–22' DRIVEPAD WITH LAYDOWN CURB

STA. 112+86.00 TO STA. 113+00.00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

① PNT	FL
1	65.42
2	65.40
3	65.37
4	65.35
5	65.32

② PNT	FL
1	65.32
2	65.36
3	65.39
4	65.36
5	65.33

③ PNT	FL
1	65.70
2	65.78
3	65.87
4	65.95
5	66.03

④ PNT	FL
1	65.56
2	65.57
3	65.59
4	65.62
5	65.64

NOTES

1. SEE SHEET SD–2 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U–2 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

EXIST. TOP OF CURB – LT.

PROFILE GRADE, TOP OF CURB – LT.

EXIST. GRADE AT ℄ 4th STREET

PROFILE GRADE ℄ CONSTRUCTION

EXIST. TOP OF CURB – RT.

PROFILE GRADE, TOP OF CURB – RT.

RECORD DRAWING
May 26 1993

26 3527.911393

COA PROJECT NO.	MAP NO.	LEEDSHILL–HERKENHOFF, INC.	N.M. PROJECT NO.	SHEET
3527.91	G–14S	ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-2

20/8081.53D1A/PPTWO/1-21-92/14

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-[illegible]	

STA. 113+00 MATCH LINE – SEE SHEET R-2

STA. 113+06.17, 29.06'LT. BUILD 5' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN) SEE SHEET R-2.

STA. 113+06.17 TO STA. 113+21.87, LT. BUILD 5' SIDEWALK BEHIND INLET

STA. 113+22.73 TO STA. 114+78.87, RT. BUILD CURB & GUTTER WITH 1' DRIVEPAD/ SIDEWALK REPLACEMENT

STA. 114+36 TO STA. 114+48, RT. BUILD SIDEWALK – MATCH EXISTING WIDTH (6'±)

STA. 114+78.87, 29.36'RT. BUILD 6' WHEELCHAIR RAMP WITH HEADER CURB AND CURB & GUTTER (CURB RETURN) TIE HEADER CURB AT BACK OF WALK TO EXISTING HEADER CURB

STA. 114+56 TO STA. 114+92.89, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 114+92.89, 29.07'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

SEE SIGNALIZATION PLAN SHEET T-22 FOR REMOVALS AND RELOCATIONS IN THIS AREA

REMOVE/REROUTE IRRIGATION LINES WITHIN SIDEWALK AREA

MATCH EXIST.

CANDELARIA RD. N.W.

STA. 115+84.44, 29.69'RT BUILD WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 115+84.44 TO STA. 116+50, RT. BUILD CURB & GUTTER AND SIDEWALK TO BLDG. (6'±)

STA. 115+85.65, 31.01'LT ASC BRASS CAP 12-G14, SEE GENERAL NOTE 31.

STA. 115+88, LT. ADJUST TELEPHONE MH TO GRADE, BY OTHERS

STA. 115+94.11, 23.72'LT. BUILD WHEELCHAIR RAMP BACK TO BLDG. AND CURB & GUTTER (CURB RETURN)

STA. 115+94.11 TO STA. 116+40, LT. BUILD SIDEWALK TO BLDG. (7'±) AND CURB & GUTTER

STA. 116+40.00 TO STA. 117+01.00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 117+01.00 TO STA. 117+36.00, LT BUILD CURB & GUTTER AND SIDEWALK TO BLDG. (6'±)

STA. 117+36.00 TO STA. 117+80.00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK AND DRIVEPAD REPLACEMENT

STA. 116+70.00, RT. BUILD 1–40' DRIVEPAD WITH LAYDOWN CURB

STA. 116+90.00 TO STA. 117+09.92, RT. BUILD CURB & GUTTER

STA. 116+90.00 TO STA. 117+30.89, RT. BUILD 6' SIDEWALK

STA. 117+86.00, LT. BUILD 1–12' DRIVEPAD WITH LAYDOWN CURB

STA. 117+92.00 TO 118+56.00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 118+56.00 TO STA. 118+94.70, LT. BUILD CURB & GUTTER WITH 2' SIDEWALK REPLACEMENT

STA. 118+50.00, RT. SPOT REPAIR SIDEWALK, L=6'±

STA. 119+01.70, LT. BUILD 1–13' DRIVEPAD WITH LAYDOWN CURB

STA. 118+92.63 TO STA. 119+00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 119+00 MATCH LINE – SEE SHEET R-4

①	PNT	FL
	1	65.95
	2	65.99
	3	66.04
	4	65.99
	5	65.94

②	PNT	FL
	1	65.78
	2	65.85
	3	65.92
	4	66.00
	5	66.07

③	PNT	FL
	1	65.94
	2	65.97
	3	66.02
	4	65.88
	5	65.75

④	PNT	FL
	1	65.77
	2	65.76
	3	65.74
	4	65.72
	5	65.70

PC 118+44.43, FC 24.02'LT.
PT 118+68.57, FC 28.80'LT.
PRC 118+56.50, FC 26.41'LT.
R=31.5'±

4 TH ST. N.W.

℄ CONSTRUCTION

EXIST. INLET TO REMAIN

PROVIDE RAMP IN SIDEWALK TO EXISTING DOORWAY–12:1 SLOPE MAX.

6" HEADER CURB

SEE SIGNALIZATION PLAN SHEET T-22 FOR REMOVALS AND RELOCATIONS IN THIS AREA

SIGN AND LIGHT TO REMAIN – REVISE EXISTING UNDERGROUND WIRING TO REMOVE FROM UNDER SIDEWALK

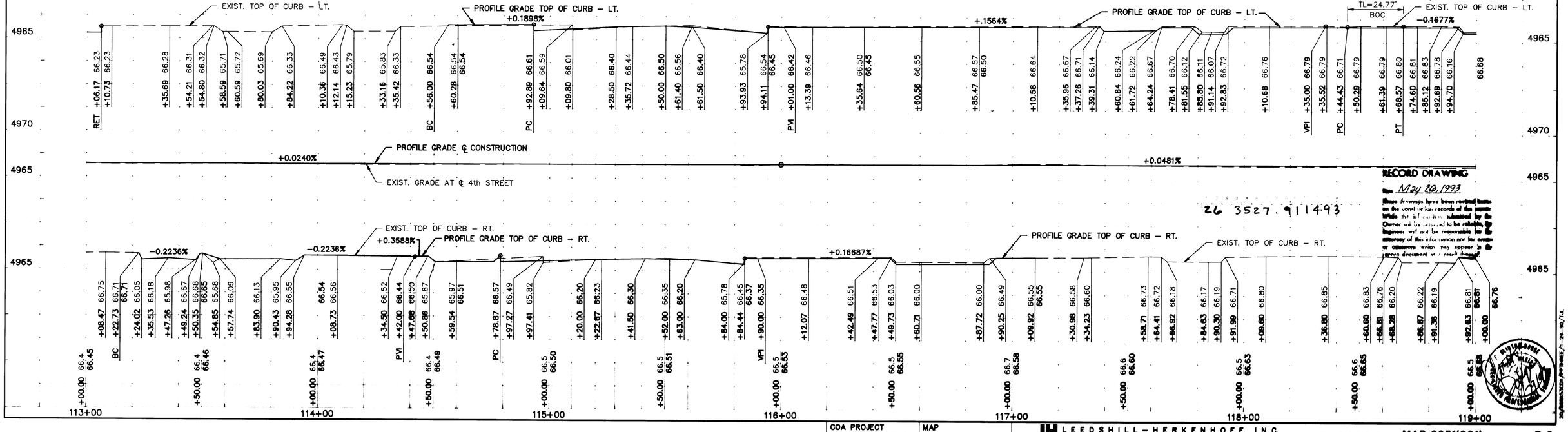
1. Locate Street Light East of Driveped
2. Power Prop on (2) Same Pole

(R)#(R) Sidewalk

NOTES

1. SEE SHEET SD-3 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-3 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEET T-22 FOR SIGNALIZATION.

HORIZ. 1"=20'
VERT. 1"=5'



RECORD DRAWING
May 20, 1993

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26 3527.91 1493

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-3

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
	NEW MEXICO	MAP 2351(901)	4	

PNT	FL
1	65.97
2	65.95
3	65.94
4	65.92
5	65.90

PNT	FL
1	65.99
2	65.96
3	65.92
4	65.89
5	65.85

PNT	FL
1	65.44
2	65.53
3	65.63
4	65.72
5	65.81

PNT	FL
1	65.86
2	65.81
3	65.76
4	65.72
5	65.67

PNT	FL
1	67.22
2	67.30
3	67.39
4	67.47
5	67.55

STA. 119+00 MATCH LINE – SEE SHEET R-3

STA. 125+00 MATCH LINE – SEE SHEET R-5

STA. 119+00 TO STA. 119+80.28, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 119+01.70, LT. BUILD 1–14' DRIVEPAD WITH LAYDOWN CURB

STA. 119+08.70 TO STA. 119+19.63, LT. BUILD 8' SIDEWALK AND CURB & GUTTER

STA. 119+39.63, LT. BUILD 1–40'x8' DRIVEPAD WITH LAYDOWN CURB

STA. 119+39.63 TO STA. 119+92.36, LT. BUILD 8' SIDEWALK AND CURB & GUTTER

STA. 119+80.28, 29.43'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 119+80.28 TO STA. 120+43.26, RT. BUILD VALLEY GUTTER

STA. 119+92.36, 28.97'LT. BUILD 8' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 120+43.26, 29.35'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 120+43.26 TO STA. 121+04.50, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 120+55.03, 29.21'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 121+16.50, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 121+28.50 TO STA. 121+48, RT. BUILD CURB & GUTTER

STA. 121+48, RT. BUILD 6' SIDEWALK WITH RAMP TO EXISTING SIDEWALK AT 12:1 SLOPE

ADJUST WATER METER TO GRADE

STA. 121+48.77 TO STA. 122+11.20, RT. EXTEND SIDEWALK TO MATCH EXISTING CURB & GUTTER

STA. 122+11.20 TO STA. 122+37.93, RT. BUILD CURB & GUTTER

STA. 122+37.93, RT. BUILD 6' SIDEWALK WITH RAMP FROM EXISTING SIDEWALK AT 12:1 SLOPE

ADJUST ELECTRICAL BOX TO GRADE

STA. 122+57.93, RT. BUILD 1–40' DRIVEPAD WITH LAYDOWN CURB

STA. 122+77.93 TO STA. 123+08.60, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 123+05.94 TO STA. 124+56.69, LT. REMOVE GRAVEL BETWEEN SIDEWALK AND HEADER CURB

BUILD SWALE S=0.001± REPLACE GRAVEL

STA. 123+05.94 TO STA. 124+56.69, LT. BUILD BUS BAY WITH CONCRETE PAVEMENT

BUILD 6' SIDEWALK

STA. 123+39.60, RT. BUILD 1–60' DRIVEPAD WITH LAYDOWN CURB

STA. 123+68.60 TO STA. 123+76.98, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 123+05.94 BEGIN PATTERNED SIDEWALK SEE SHEET D-3, DETAIL 5

STA. 123+34 TO STA. 124+37, LT. AT BACK OF SIDEWALK, BUILD CUT-OFF WALL WITH HANDRAIL SEE DETAIL 7,8 D-3 R-4

CONSTRUCT SWALE (INCIDENTAL TO CONTRACT)

STA. 124+62.24, 29.35'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 124+62.24 TO STA. 125+04.54 BUILD VALLEY GUTTER

STA. 124+62.24 END PATTERNED SIDEWALK

MATCH EXIST.

MATCH EXISTING

BASELINE N. 03°44'43" W.

4 TH ST. N.W.

VERANDA AVE. N.W.

AZTEC RD. N.W.

℄ CONSTRUCTION

SEE ADDENDUM #2 FIGURE 1

(R)&(R) Sidewalk

(R)&(R) Sidewalk and Curb & Gutter

(R)&(R) Curb & Gutter

CONC. SIDEWALK (TYP.)

CONC. DRIVE (TYP.)

CONCRETE CURB & GUTTER (TYP.)

2–WIRES

BUILDING OVERHANG

CHAIN LINK FENCE

EXIST. TOC 66.64

50.02'

R=100' R=50' R=75' R=32' R=7' R=12.5' R=9' R=8.5'

4' MIN.

59' F-F TYPICAL

45' F-F TYPICAL

40' F-F TYPICAL

FL=65.82
FL=65.47

FL=67.25

SAS 8"PVC

SAS 15"CP

SAS 18"CP

SD 30"RCP

SD 36"RCP

W 10"CI

W 12"CI

W 8" ST

2" HP STL

4" HP STL

CURVE DATA (FOC)				
	Δ	T	L	R
1	22°07'39"	19.55'	38.62'	100.00'
2	22°01'49"	9.73'	19.23'	50.00'
3	26°17'48"	7.48'	14.69'	32.00'
4	23°55'52"	15.89'	31.33'	75.00'

	STATION	OFFSET
1	123+05.94	29.42' LT
2	123+43.61	36.80' LT
3	123+62.36	40.49' LT
4	124+12.40	40.49' LT
5	124+26.57	37.17' LT
6	124+56.69	29.47' LT

NOTES

1. SEE SHEET SD-4 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-4 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE, TOP OF CURB – LT. -0.1455%

EXIST. TOP OF CURB – LT.

FLOWLINE–VALLEY GUTTER +0.3317%

PROFILE GRADE ℄ CONSTRUCTION -0.1067% +0.3222% +0.2395%

EXIST. GRADE AT ℄ 4th STREET

PROFILE GRADE, TOP OF CURB – RT. -0.7290% +0.4191%

EXIST. TOP OF CURB – RT.

PROFILE GRADE, TOP OF CURB – RT. +0.3263%

4965 4970

119+00 120+00 121+00 122+00 123+00 124+00 125+00

RECORD DRAWING
May 26 1993
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26 3527.91 1593

20/8815301/PRTOUR/1-24-92/TJL

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-4

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-5	

STA. 125+00 MATCH LINE – SEE SHEET R-4

STA. 131+00 MATCH LINE – SEE SHEET R-6

AZTEC

HEADINGLY AVE. N.W.

4 TH ST. N.W.

MATCH EXISTING R=15.5'

MATCH EXISTING R=12'

FL=67.12

MATCH EXISTING R=11'

MATCH EXISTING R=10.5'

R=10.5'

40' F-F TYPICAL

40' F-F TYPICAL

591 F-F TYPICAL

591 F-F TYPICAL

53' F-F TYPICAL

STA. 125+20.64, 29.86'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 125+20.64 TO STA. 126+15.41, RT. BUILD 5' SIDEWALK AND CURB & GUTTER

STA. 125+39.45, 30.04'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 125+39.45 TO STA. 125+80.65, LT. BUILD SIDEWALK (11'±) AND CURB & GUTTER

STA. 126+01.11, LT. BUILD DRIVEPAD TRANSITION

STA. 126+27.41, RT. BUILD 24' DRIVEPAD WITH LAYDOWN CURB

STA. 126+39.41 TO STA. 126+88.00, RT. BUILD CURB & GUTTER WITH SIDEWALK REPLACEMENT

STA. 126+44.00, LT. BUILD DRIVEPAD TRANSITION

STA. 126+46.75 TO STA. 126+64.74, LT. BUILD 10' SIDEWALK AND CURB & GUTTER

STA. 126+64.74, LT. BUILD DRIVEPAD TRANSITION

STA. 127+10.24 TO STA. 127+16.24, LT. BUILD NEW DRIVEPAD SECTION WITH LAYDOWN CURB. CONNECT TO EXISTING

STA. 127+72.00 TO STA. 127+88.00, RT. BUILD 5' SIDEWALK

STA. 127+82.00 TO STA. 128+26.63, RT. BUILD LAYDOWN CURB WITH 1' DRIVEPAD REPLACMENT AT EXISTING ENTRNCE

STA. 128+90.00 TO STA. 129+40.91, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 129+40.91, 29.90'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 130+01.59, 29.82'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 130+15.75, 29.99'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 130+15.75 TO STA. 131+00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK/DRIVEPAD REPLACEMENT

(R) & (R) Curb & Gutter

(R) & (R) Sidewalk and Curb & Gutter

(R) & (R) Curb & Gutter

① PNT	FL
1	67.18
2	67.16
3	67.16
4	67.14
5	67.12

② PNT	FL
1	67.18
2	67.16
3	67.13
4	67.11
5	67.08

③ PNT	FL
1	68.29
2	68.38
3	68.47
4	68.55
5	68.64

④ PNT	FL
1	68.42
2	68.37
3	68.32
4	68.27
5	68.22

⑤ PNT	FL
1	68.17
2	68.13
3	68.10
4	68.06
5	68.02

NOTES

1. SEE SHEET SD-5 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-5 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

PROFILE GRADE, TOP OF CURB – LT.

EXISTING TOP OF CURB – LT.

HORIZ. 1"=20'
VERT. 1"=5'

+0.3398%

-0.3347%

EXIST. GRADE AT ℄ 4th STREET

+0.2395%

+0.2120%

-0.1500%

PROFILE GRADE ℄ CONSTRUCTION

PROFILE GRADE, TOP OF CURB – RT.

EXIST. TOP OF CURB – RT.

+0.1971%

+0.2801%

RECORD DRAWING
May 26, 1993

These drawings have been revised as the construction records of the project. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for any errors or omissions which may appear in the record document as a result thereof.

26 3527.91 1693

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-5

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-6	

STA. 131+00 MATCH LINE – SEE SHEET R-5

STA. 137+00 MATCH LINE – SEE SHEET R-7

STA. 131+00 TO STA. 131+39, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK/DRIVEPAD REPLACEMENT

STA. 131+39 TO STA. 131+54, LT. BUILD 15' OF 40' DRIVEPAD WITH LAYDOWN CURB

STA. 131+54 TO STA. 131+90.43, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 131+90.43, 29.82'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 131+94.72, 36.73'LT. REMOVE SIGN POLE

CHEROKEE DR. N.W.

32' F-F

MATCH EXISTING

STA. 132+33.54, 39.58'LT. TO STA. 132+37.08, 76.05'LT. (CHEROKEE DR.) BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 132+42.37, 29.86'LT. BUILD 10' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 132+42.37 TO STA. 132+48, LT. BUILD 10' SIDEWALK AND CURB & GUTTER

STA. 132+58, LT. BUILD 1-20'x10' DRIVEPAD WITH LAYDOWN CURB

STA. 132+68 TO STA. 133+02, LT. BUILD CURB & GUTTER WITH 4' SIDEWALK REPLACEMENT

STA. 133+02 TO STA. 133+32, LT. BUILD 10' SIDEWALK AND CURB & GUTTER

STA. 133+52, LT. BUILD 1-40'x10' DRIVEPAD WITH LAYDOWN CURB (MATCH EXISTING SIDEWALK)

STA. 133+75.40, 24.73'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 133+72 TO STA. 134+64, LT. BUILD CURB & GUTTER WITH 1' AC REPLACEMENT

STA. 133+79.63, 25.48'RT. RELOCATE AGS 13-614 CAP AS PER NEW STANDARD SPECIFICATIONS – SEE GENERAL NOTE 31.

STA. 134+75, LT. BUILD 1-22' DRIVEPAD WITH LAYDOWN CURB

STA. 134+34.60, 30.75'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 134+34.60 TO STA. 134+47, RT. BUILD 4' SIDEWALK BEHIND INLET

STA. 134+86 TO STA. 135+26.5, LT. BUILD CURB & GUTTER

STA. 135+09, RT. SPOT REPAIR SIDEWALK, L=±5' (MATCH EXISTING)

STA. 135+51, LT. BUILD 1-49' DRIVEPAD WITH LAYDOWN CURB

STA. 135+26.5, 29.03'LT (FACE OF CURB)

STA. 135+75.5, 23.90'LT (FACE OF CURB)

STA. 135+76.90 TO STA. 136+57.40, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 136+56.72 TO STA. 137+00, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

4TH ST. N.W.

℄ CONSTRUCTION

MESCALERO RD. N.W.

MATCH EXISTING

40' F-F

59' F-F TYPICAL

531' F-F TYPICAL

(R) & (R) Curb & Gutter

(R) & (R) Sidewalk and Curb & Gutter with 4' of Driveped

(R) & (R) 1' Sidewalk and Curb & Gutter

R-10

R-6 D-3

① PNT	FL
1	67.54
2	67.52
3	67.49
4	67.47
5	67.44

② PNT	FL
1	67.74
2	67.69
3	67.64
4	67.58
5	67.54

③ PNT	FL
1	68.39
2	68.36
3	68.33
4	68.29
5	68.26

④ PNT	FL
1	68.23
2	68.28
3	68.34
4	68.39
5	68.44

NOTES

1. SEE SHEET SD-6 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-6 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE, TOP OF CURB – LT.
EXIST. TOP OF CURB – LT.
−0.5484%
PROFILE GRADE, TOP OF CURB – LT.
+0.3752%
EXIST. TOP OF CURB – LT.
−0.4101%
PROFILE GRADE ℄ CONSTRUCTION
−0.1500%
+0.3273%
−0.2400%
EXIST. GRADE AT ℄ 4th STREET
EXIST. TOP OF CURB – RT.
PROFILE GRADE, TOP OF CURB – RT.
−0.1738%
EXIST. TOP OF CURB – RT.

RECORD DRAWING
May 26, 1992
These drawings have been received today on the construction records of the contractor. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear as the result thereof.

26-3527.91-1793

131+00 132+00 133+00 134+00 135+00 136+00 137+00

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14N	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-6

20/6081.53CD1/PRSK/1-23-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-7	

STA. 137+00 MATCH LINE – SEE SHEET R-6

STA. 143+00 MATCH LINE – SEE SHEET R-8

① PNT	FL
1	68.79
2	68.76
3	68.73
4	68.70
5	68.67

② PNT	FL
1	68.41
2	68.46
3	68.51
4	68.56
5	68.61

③ PNT	FL
1	68.42
2	68.52
3	68.61
4	68.71
5	68.86

④ PNT	FL
1	68.56
2	68.53
3	68.51
4	68.48
5	68.45

⑤ PNT	FL
1	68.62
2	68.57
3	68.53
4	68.48
5	68.43

⑥ PNT	FL
1	68.67
2	68.69
3	68.71
4	68.73
5	68.75

⑦ PNT	FL
1	68.83
2	68.91
3	68.98
4	69.06
5	69.14

⑧ PNT	FL
1	69.05
2	69.04
3	69.03
4	69.02
5	69.00

STA. 137+00 TO STA. 137+27.97, LT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 137+26, RT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 137+27.97, 23.02'LT. BUILD 4' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 137+44 TO STA. 137+70.95, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 137+70.95, 29.34'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 137+79.25, 36.73' TO 49' LT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 137+88.16, 28.42'LT. BUILD 4' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 137+88.16 TO STA. 138+32, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 138+33.61, 30.26'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 138+33.61 TO STA. 138+67.94, RT. BUILD CURB & GUTTER WITH 2' DRIVEPAD/ SIDEWALK REPLACEMENT

STA. 138+44, LT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 138+67.94 TO STA. 139+38, RT. BUILD 4' VALLEY GUTTER WITH 2' AC REPLACEMENT BOWED 5' TRANSITION FROM CURB & GUTTER

STA. 139+38 TO STA. 139+48, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 139+41, LT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 139+48 TO STA. 139+83, RT. BUILD 4' VALLEY GUTTER WITH 2' AC REPLACEMENT BOWED 5' TRANSITION FROM CURB & GUTTER

STA. 139+59 TO STA. 139+80, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 139+83 TO STA. 139+91, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 139+92, LT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 140+04 TO STA. 140+40, LT. BUILD CURB & GUTTER

STA. 140+09, RT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 140+27 TO STA. 140+74, RT. INFILL WITH CONCRETE, W=VAR. BUILD CURB & GUTTER

STA. 140+49, LT. BUILD 18' DRIVEPAD WITH LAYDOWN CURB

STA. 140+58 TO STA. 141+29.68, LT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 140+89, RT. BUILD 1–30' DRIVEPAD

STA. 141+04 TO STA. 141+16.36, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 141+16.36, 29.84'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 141+29.68, 28.72'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 141+38.41, 38.98'LT. TO STA. 141+39.22, 49'LT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 141+71.24, 29.74'RT. BUILD CURB & GUTTER (CURB RETURN) WITH 1' SIDEWALK REPLACEMENT

STA. 141+88.85, 28.62'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 141+88.85 TO STA. 142+04, LT. BUILD 6' SIDEWALK BEHIND INLET

STA. 142+04 TO STA. 143+00, LT. BUILD CURB & GUTTER WITH 1' DRIVEPAD/SIDEWALK REPLACEMENT

STA. 141+04, 31.30'LT. REMOVE & REPLACE SIGN

SAN LORENZO N.W.

SAN CLEMENTE RD N.W.

BASELINE N 21° 10' 04" E

40' F-F TYPICAL

53' F-F TYPICAL

59' F-F TYPICAL

MATCH EXIST.

R=9.5'

R=8.5'

R=13.5'

R=14.5'

R=10.5'

EXISTING WHEELCHAIR RAMP TO REMAIN

(R)&(R) 1' Sidewalk and Curb & Gutter

(R)&(R) Curb & Gutter Built 5' Sidewalk

Std Drive Pad

Built Standard Drive Pad

(R)&(R) Asphalt Pavement

Installed 6' Sidewalk

(R)&(R) Curb & Gutter

℄ CONSTRUCTION

4' VALLEY GUTTER

4" HP STL

W 10"CI

SAS 12"

SAS 8"

SAS 22"

SD 24"

W 6"ST

UGT

CONC. SIDEWALK (TYP.)

CONC. DRIVE (TYP.)

CONCRETE CURB & GUTTER (TYP.)

ASPHALT PARKING AREA

CONCRETE SIDEWALK

BUILDING

10-G14 P-TRAP

R-7 D-3

NOTES

1. SEE SHEET SD-7 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-7 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE, TOP OF CURB – LT.

EXIST. TOP OF CURB – LT.

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

EXIST. TOP OF CURB – RT.

FLOWLINE 4' VALLEY GUTTER

PROFILE GRADE, TOP OF CURB – RT.

−0.4108% +0.1207% −0.2000% +0.2755%

−0.09% +0.3111% −0.1267% +0.0765%

−0.1889% +0.3987% +0.3987% −0.1736%

4965 4970

137+00 138+00 139+00 140+00 141+00 142+00 143+00

RECORD DRAWING
as of May 26, 1998

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer shall not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record drawings as a result thereof.

26 3527.91 1893

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14N	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-7

20/DGN:3SDTA/PRSE:REV/1-27-92/14

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEET
6	NEW MEXICO	MAP 2351(901)	R-8	

STA. 143+00 MATCH LINE – SEE SHEET R-7

STA. 143+00 TO STA. 143+05, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 143+33.07, RT. BUILD 1–17' DRIVEPAD WITH LAYDOWN CURB

STA. 143+41.57 TO STA. 143+78.33, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 143+44 TO STA. 143+54, RT. BUILD CUT-OFF WALL, SEE SHEET D-4

STA. 143+55 TO STA. 144+19, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 143+87.33, RT. BUILD 1–18' DRIVEPAD WITH LAYDOWN CURB

STA. 143+96.33 TO STA. 144+08.50, RT. BUILD CURB & GUTTER

STA. 144+32, RT. BUILD 1–47' DRIVEPAD WITH LAYDOWN CURB

STA. 144+19 TO STA. 144+58.64, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 144+72.92 TO STA. 145+42.60, RT. BUILD CURB & GUTTER WITH 4" ASPHALT REPLACEMENT

STA. 144+55.50 TO STA. 144+72.92, RT. BUILD 4' SIDEWALK

STA. 144+58.64 TO STA. 144+89.46, LT. BUILD CURB & GUTTER

STA. 145+01.46, LT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 145+13.46 TO STA. 145+45.99, LT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 145+57.99, LT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 145+69.99, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 145+69.99 TO STA. 145+87.04, LT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 145+96.60 TO STA. 146+47.12, RT. BUILD CURB & GUTTER WITH 4" AC REPLACEMENT

STA. 145+93.04, LT. BUILD 1–12' DRIVEPAD

STA. 145+99.04 TO STA. 146+33.78, LT. BUILD CURB & GUTTER

STA. 145+99.04 TO STA. 146+43.65, LT. BUILD 5' SIDEWALK

STA. 146+33.78, 28.90'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 146+43.65, 39.74' TO 58' LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 146+47.12, RT. BUILD 4' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 146+33.78 TO STA. 146+96.26, LT. BUILD VALLEY GUTTER

STA. 146+47.12 TO STA. 147+06.75, RT. BUILD VALLEY GUTTER

STA. 146+56.54, 50.85'RT. BUILD 1–18' DRIVEPAD WITH LAYDOWN CURB & Sidewalk and Curb & Gutter

STA. 146+85.26, 42.62' TO 55' LT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 146+94.52, 28.77', LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 146+94.52 TO STA. 149+00, LT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 147+06.75, 29.92'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 147+16.75, RT. BUILD 1–14'x10' DRIVEPAD WITH LAYDOWN CURB

STA. 147+23.75 TO STA. 147+55, RT. BUILD SIDEWALK TO BLDG. (±10')

STA. 147+23.75 TO STA. 149+00, RT. BUILD CURB & GUTTER

STA. 147+55 TO STA. 148+52.04, RT. BUILD 6' SIDEWALK

STA. 148+52.04 TO STA. 149+00, RT. BUILD SIDEWALK TO BLDG. (±10')

STA. 149+00 MATCH LINE – SEE SHEET R-9

① PNT	FL
1	68.80
2	68.77
3	68.74
4	68.70
5	68.67

② PNT	FL
1	68.60
2	68.67
3	68.75
4	68.82
5	68.90

③ PNT	FL
1	68.88
2	68.95
3	69.02
4	69.09
5	69.14

④ PNT	FL
1	69.05
2	68.98
3	68.91
4	68.83
5	68.76

(R)&(R) Sidewalk

(R)&(R) Drive Pad

Installed 5' Sidewalk

(R)&(R) Curb & Gutter

Added 12' Drive Pad 4400 4th NW

Installed 6' Sidewalk
**Also installed 2-Tree Grates on this property

Installed 6' Sidewalk
*Also installed 3-Tree Grates on this property

(R)&(R) All Sidewalk between Freeman & Bellrose NW

℄ CONSTRUCTION

4 TH ST. N.W.

AVE. N.W.

FREEMAN

40' F-F TYPICAL

59' F-F TYPICAL

TOC 69.87
TOC 69.64
MATCH EXIST.
TOC 69.68
MATCH EXIST.

FL=68.65
FL=68.61
FL=68.86
FL=68.79

R=12'
R=11'
R=9'

NOTES

1. SEE SHEET SD-8 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-8 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE, TOP OF CURB – LT.

EXIST. TOP OF CURB – LT.

+0.2755%

−0.1220%

+0.1256%

PROFILE GRADE, TOP OF CURB – LT.

EXIST. GRADE AT ℄ 4th STREET

PROFILE GRADE ℄ CONSTRUCTION

−0.0257%

+0.0000%

PROFILE GRADE, TOP OF CURB – RT.

EXIST. TOP OF CURB – RT.

+0.2918%

+0.1500%

+0.1500%

−0.1987%

−0.1987%

+0.1119%

EXIST. TOP OF CURB – RT.

PROFILE GRADE, TOP OF CURB – RT.

RECORD DRAWING
May 26 1993

26 3527.91 1993

Some drawings have been revised from the construction records of the engineer. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which they appear in the document as a result thereof.

COA PROJECT NO.	3527.91	MAP NO.	G-14N

LEEDSHILL-HERKENHOFF, INC.
ALBUQUERQUE SANTA FE SAN DIEGO

N.M. PROJECT NO. MAP-2351(901) SHEET R-8

20/8081.53014/PPSHT/1-28-93/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEX.	MAP 2351(901)	R-9	

STA. 149+00 TO STA. 149+30.90, LT. BUILD CURB & GUTTER WITH 4' SIDEWALK REPLACEMENT

STA. 149+00 TO STA. 149+99.54, RT. BUILD CURB & GUTTER

STA. 149+00 TO STA. 149+52.34, RT. BUILD 10' SIDEWALK

STA. 149+39.90, LT. BUILD 1-18'x8' DRIVEPAD WITH 6" LAYDOWN CURB

STA. 149+48.90 TO STA. 149+93.73, LT. BUILD CURB AND GUTTER WITH 4' SIDEWALK REPLACEMENT

STA. 149+52.34 TO STA. 149+99.54, RT. BUILD 8' SIDEWALK

STA. 149+93.73, 28.93'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 149+93.73 TO STA. 150+53.82, LT. BUILD VALLEY GUTTER

STA. 149+99.54, 29.59'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 149+99.54 TO STA. 150+52.94, RT. BUILD VALLEY GUTTER

STA. 150+03.73, 41.24'LT. BOC BUILD 10 LF 6' SIDEWALK AND CURB & GUTTER

STA. 150+06.67, 36.34'RT. BUILD 10 LF 6' SIDEWALK AND CURB & GUTTER

STA. 150+43.57, 40.03'RT. BOC BUILD 11 LF 6' SIDEWALK AND CURB & GUTTER

STA. 150+45.10, 41.70'LT. BOC BUILD 10 LF 6' SIDEWALK AND CURB & GUTTER

STA. 150+52.94, 28.44'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 150+52.94 TO STA. 151+05.51, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 150+53.82, 29.10'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 150+53.82 TO STA. 150+89, LT. BUILD 9' SIDEWALK AND CURB & GUTTER

STA. 151+00, LT. BUILD 1-22'x9' DRIVEPAD WITH LAYDOWN CURB

STA. 151+03.74, 56.36'RT. TO STA. 151+78.03, 56.57'RT. REMOVE AND REPLACE ASPHALT

STA. 151+05.51, 28.50'RT. BUILD CURB & GUTTER AND CONSTRUCT CURB RETURN WITH WHEELCHAIR RAMP

STA. 151+11 TO STA. 151+66.70, LT. BUILD 9' SIDEWALK AND CURB & GUTTER

STA. 151+20.51 TO STA. 151+55.51, RT. BUILD VALLEY GUTTER

STA. 151+70.51 TO STA. 152+80.30, RT. BUILD CURB & GUTTER AND 7' SIDEWALK

STA. 151+70.51, 28.50'RT. BUILD CURB & GUTTER AND CONSTRUCT CURB RETURN WITH WHEELCHAIR RAMP

STA. 152+06.93 TO STA. 152+12.96, LT. SPOT REPAIR 6' SIDEWALK AND CURB & GUTTER

STA. 152+80.30 TO STA. 153+01.95, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 153+01.95, 28.45'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 153+26.78, 29.39'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 153+54.86, 51' TO 63'LT. REPLACE SIDEWALK AND DRIVEPAD BEHIND INLET

STA. 153+58.89, 46.10'RT. BUILD MEDIAN CURB & GUTTER NOSE R=2.0' FOC

STA. 154+26.78 TO STA. 154+60.73, BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 154+27.07, 28.50'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 154+35.58, LT. BUILD 1-32' DRIVEPAD WITH LAYDOWN CURB (GRIEGOS RD)

STA. 154+58.86, 28.39'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 154+58.66, LT. BUILD BUS BAY, SEE SHEET R-10

STA. 154+58.76, 29.39'LT. BEGIN BUS BAY AND PATTERNED SIDEWALK

STA. 154+78.75, RT. BUILD 1-36' DRIVEPAD WITH LAYDOWN CURB

STA. 154+96.75 TO STA. 155+00, RT. BUILD CURB & GUTTER WITH 3' AC REPLACEMENT

STA. 149+00 MATCH LINE – SEE SHEET R-8

STA. 155+00 MATCH LINE – SEE SHEET R-10

① PNT	FL
1	69.20
2	69.13
3	69.07
4	69.00
5	68.93

② PNT	FL
1	69.12
2	69.16
3	69.20
4	69.24
5	69.28

③ PNT	FL
1	68.93
2	69.00
3	69.08
4	69.16
5	69.23

④ PNT	FL
1	69.41
2	69.36
3	69.31
4	69.26
5	69.22

⑤ PNT	FL
1	69.46
2	69.57
3	69.67
4	69.78
5	69.88

⑥ PNT	FL
1	70.23
2	70.13
3	70.03
4	69.93
5	69.83

⑦ PNT	FL
1	69.54
2	69.56
3	69.59
4	69.61
5	69.63

⑧ PNT	FL
1	69.53
2	69.49
3	69.46
4	69.42
5	69.38

⑨ PNT	FL
1	69.81
2	69.87
3	69.93
4	69.99
5	70.05

⑩ PNT	FL
1	69.70
2	69.75
3	69.80
4	69.85
5	69.90

BASELINE

N 09°10'54" E

4 TH ST. N.W.

GRIEGOS RD. N.W.

BELLROSE AVE. N.W.

(R) & (R) All Sidewalk between Freeman & Bellrose NW

CONSTRUCTION

TOC=70.07
TOC=70.05
MATCH EXIST.

TOC=70.11

TOC=70.19
MATCH EXIST.

FL=68.97
FL=69.08
FL=69.16
FL=68.98
FL=69.55
FL=69.75
FL=70.32
FL=70.64

R=13'
R=12'
R=7.5'
R=12'
R=15'
R=30'
R=25'
R=91'

40' F-F TYPICAL
59' F-F TYPICAL
36' F-F TYPICAL
58' F-F TYPICAL
65' F-F TYPICAL

REMOVE AND REPLACE LANDSCAPE AS REQUIRED

Installed 3-Tree Grates

(ADJUST TELEPHONE MH TO GRADE BY OTHERS) BUBBLE CURB AROUND MH

POWER POLE AND SIGN TO BE RELOCATED BY OTHERS

TRAFFIC CONTROL BOX AND TRAFFIC SIGNAL TO BE RELOCATED

SIGN TO BE REMOVED AND REPLACED AS REQUIRED FOR CONSTRUCTION

ROTATING SIGN TO REMAIN

6" HEADER CURB AT BACK OF SIDEWALK CONNECT TO EXISTING 6" WALL AS SHOWN

See Addedum #2 Figure XV

NOTES

1. SEE SHEET SD-9 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-9 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEET R-10 FOR BUS BAY CURVE DATA.
5. SEE SHEET T-23 FOR SIGNALIZATION.

HORIZ. 1"=20'
VERT. 1"=5'

EXIST. TOP OF CURB – LT. +0.1119% PROFILE GRADE, TOP OF CURB – LT. +0.4763% PROFILE GRADE, TOP OF CURB – LT. EXIST. TOP OF CURB – LT. +0.1171% PROFILE GRADE, TOP OF CURB – LT.

EXIST. GRADE AT ℄ 4th STREET +0.0705% +0.3150% 0.0000% PROFILE GRADE ℄ CONSTRUCTION

EXIST. TOP OF CURB – RT. +0.1119% PROFILE GRADE, TOP OF CURB – RT. +0.5711% PROFILE GRADE, TOP OF CURB – RT. −0.2800% PROFILE GRADE, TOP OF CURB – RT. +0.1225%

4970 4975

149+00 150+00 151+00 152+00 153+00 154+00 155+00

RECORD DRAWING
Date May 26, 1993
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26 3527.912093

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14N	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-9

26/R09R.SSDN/PRINT/1-24-92/MRL,TX.

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-10	

STA. 155+00 MATCH LINE – SEE SHEET 3–9

STA. 154+58.76 TO STA. 156+25.19 LT. BUILD BUS BAY

24" CUT-OFF WALL

BUS SHELTER BY OTHERS

STA. 155+00 TO STA. 156+06, RT. BUILD CURB & GUTTER WITH 3" AC REPLACEMENT

STA. 156+03 END PATTERNED SIDEWALK SEE SHEET D–3, DETAIL 5

STA. 156+25.19, 29.39' LT. END BUS BAY

STA. 156+26, RT. BUILD 1–40' DRIVEPAD WITH LAYDOWN CURB

STA. 156+29 LT. BUILD 1–40' DRIVEPAD WITH LAYDOWN CURB

STA. 156+46 TO STA. 157+17, RT. BUILD CURB & GUTTER WITH 3" AC REPLACEMENT

STA. 156+47 TO STA. 159+29.44, LT. BUILD CURB & GUTTER WITH 2" AC OR 1' DRIVEPAD REPLACEMENT

STA. 157+35', RT. BUILD 1–28' DRIVEPAD WITH LAYDOWN CURB

STA. 157+53 TO STA. 158+54, RT. BUILD CURB & GUTTER WITH 3" AC REPLACEMENT

STA. 158+68, RT. BUILD 1–28' DRIVEPAD WITH LAYDOWN CURB

STA. 158+82 TO STA. 159+66, RT. BUILD CURB & GUTTER WITH 3" AC REPLACEMENT

STA. 159+01.59, LT. BUILD 1–24'x10' DRIVEPAD WITH LAYDOWN CURB

STA. 159+13.59 TO STA. 159+29.44, LT. BUILD 10' SIDEWALK

STA. 159+29.44, 29.07'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 159+78, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 159+78.49, 44.26' TO 58.51'LT. BUILD 6' SIDEWALK BEHIND INLET

STA. 159+90 TO STA. 160+16, RT. BUILD CURB & GUTTER WITH 3" AC REPLACEMENT

STA. 159+92.28, 29.23'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

PALO DURO AVE. N.W.

MATCH EXISTING

① BASELINE ②

N 89°07'25" E

STA. 160+28, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 160+40 TO STA. 160+53, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 160+71, RT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 160+89 TO STA. 161+00, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 161+00 MATCH LINE – SEE SHEET R–11

4 TH ST. N.W.

See C.O.A. 4th St. Reconstruction Bus Bay @ 4th & Griego NW

STA. 155+97.45±, RT. – REMOVE EXISTING CONCRETE PAD

CURVE DATA (FOC)				
	D	T	L	R
1	23°48'34"	19.18'	37.82'	91.00'
2	23°48'34"	10.50'	20.88'	50.00'
3	23°48'34"	10.54'	20.78'	50.00'
4	11°06'48"	8.85'	17.65'	91.00'

	STATION	OFFSET
1	154+58.76	29.39' LT
2	154+95.36	37.11' LT
3	155+15.55	41.40' LT
4	155+68.19	41.40' LT
5	155+88.20	37.22' LT
6	156+05.19	31.62' LT

① PNT	FL
1	69.95
2	70.04
3	70.13
4	70.22
5	70.31

② PNT	FL
1	70.30
2	70.25
3	70.20
4	70.15
5	70.10

NOTES

1. SEE SHEET SD–10 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U–10 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

EXIST. TOP OF CURB – LT.

PROFILE GRADE, TOP OF CURB – LT.

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

EXIST. TOP OF CURB – RT.

PROFILE GRADE, TOP OF CURB – RT.

RECORD DRAWING
as of May 26, 1993
These drawings have been revised hereon as the construction records of the agency. While the information submitted by the Contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the record documents as a result thereof.

26 3527.912193

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F–14S	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-10

20/R081.53C04/PPTEN/1-24-92/ARL,TA

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
	NEW MEXICO	MAP 2351(901)	R-11	

STA. 161+00 MATCH LINE – SEE SHEET R-10

STA. 167+00 MATCH LINE – SEE SHEET R-12

STA. 161+00, RT. BUILD 12' SIDEWALK CULVERT

STA. 161+00 TO STA. 161+00.86, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 161+00.86, 28.25'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 161+53.90, 28.38'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 161+53.90 TO STA. 161+58.90, RT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 161+58.90 TO STA. 162+85, RT. BUILD 4' WALK OUTSIDE WITH 2' ASPHALT REPLACEMENT ~~BUILD STAIRS & GUTTER TRANSITION AT EACH END~~

STA. 161+87 TO STA. 162+04, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 162+21.50, LT. BUILD 1–35' DRIVEPAD WITH LAYDOWN CURB

STA. 162+39 TO STA. 162+64, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 162+85 TO STA. 163+08, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 162+96, LT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 163+03 TO STA. 163+20, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 163+26, RT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 163+28, LT. BUILD 1–16' DRIVEPAD WITH LAYDOWN CURB

STA. 163+36.30 TO STA. 163+58.44, LT. BUILD CURB & GUTTER AND 6' SIDEWALK

STA. 163+44 TO STA. 163+78, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 163+96, RT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 164+14 TO STA. 164+77, RT. BUILD CURB & GUTTER AND 1' SIDEWALK INFILL

STA. 164+77 TO STA. 165+09, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 164+83.6 TO STA. 165+19, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 165+21, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 165+37, LT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 165+33 TO STA. 165+86.9', RT. BUILD 6' SIDEWALK WITH CURB & GUTTER

STA. 165+98.90, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 165+55 TO STA. 166+41, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 166+10.9 TO STA. 166+13.94, RT. BUILD 5' SIDEWALK AND CURB & GUTTER

STA. 166+13.94, 28.32'RT. BUILD 4' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 166+61, LT. BUILD 1–40' DRIVEPAD WITH LAYDOWN CURB

STA. 166+67.21, 28.14'RT. BUILD 4' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 166+67.21 TO STA. 167+00, RT. BUILD 4' SIDEWALK AND CURB & GUTTER

STA. 166+81 TO STA. 167+00, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

① PNT	FL
1	70.24
2	70.34
3	70.44
4	70.53
5	70.63

② PNT	FL
1	70.46
2	70.43
3	70.41
4	70.39
5	70.36

③ PNT	FL
1	71.39
2	71.31
3	71.23
4	71.14
5	71.06

④ PNT	FL
1	71.25
2	71.29
3	71.34
4	71.39
5	71.44

SHANGRI LA RD. N.W.

4 TH ST. N.W.

SAN ANDRES AVE. N.W.

MATCH EXIST.

32' F–F TYPICAL

58' F–F TYPICAL

4' VALLEY GUTTER

Built Standard Drive Pad Curb & Gutter

℄ CONSTRUCTION

6' HIGH CHAINLINK FENCE

NOTES

1. SEE SHEET SD–11 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U–11 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

EXIST. TOP OF CURB – LT.

PROFILE GRADE, TOP OF CURB – LT.

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

EXIST. TOP OF CURB – RT.

PROFILE GRADE, TOP OF CURB – RT.

FLOWLINE VALLEY GUTTER

+0.1326% +0.1242% +0.1560% +0.1400% +0.2065% +0.2404% +0.1051%

V.P.I. NO V.C. +50.00 71.2 71.11

VPI NO V.C. +73 70.33

V.P.I. NO V.C. +00.00 71.5 71.50

RECORD DRAWING
May 26, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear as a result thereof.

26 3527.912293

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F–14S	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-11

20/R08-53DAA/PPELLEVEN/1-24-92/MRL,TX

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-12	

STA. 167+00 MATCH LINE – SEE SHEET R-11

STA. 173+00 MATCH LINE – SEE SHEET R-13

STA. 167+00 to STA. 167+10.20, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 167+00 to STA. 167+27 RT. BUILD 5' SIDEWALK AND CURB & GUTTER

STA. 167+39, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 167+51 TO STA. 167+60, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 167+60 TO STA. 168+25.27, RT. BUILD CURB & GUTTER AND 1' SIDEWALK

STA. 168+08.5 TO STA. 168+13, LT. BUILD 6' SIDEWALK

STA. 168+25, LT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 168+25.27 TO STA. 168+55.29, RT. BUILD CURB & GUTTER, REMOVE 2' AND REPLACE 3' OF DRIVEPAD

STA. 168+55.29 TO STA. 169+00.31, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 169+00.31 TO STA. 169+32.55, RT. BUILD CURB & GUTTER, REMOVE 2' AND REPLACE 3' OF DRIVEPAD

STA. 169+17, RT. SPOT REPAIR CONCRETE DRIVE, L=5'±

STA. 169+32.55 TO STA. 169+58.71, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 169+46, RT. SPOT REPAIR SIDEWALK, L=5'±

STA. 169+58.71 TO STA. 169+88.52, RT. BUILD CURB & GUTTER, REMOVE 2' AND REPLACE 3' OF DRIVEPAD

STA. 169+88.52 TO STA. 170+02.64, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 170+02.64 TO STA. 170+35.29, RT. BUILD CURB & GUTTER, REMOVE 2' AND REPLACE 3' OF DRIVEPAD

STA. 170+35.29 TO STA. 170+56.81, RT. BUILD CURB & GUTTER AND 1' SIDEWALK

STA. 170+56.81, 27.92'RT. BUILD 7' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 171+16.56, 27.82'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 171+16.56 TO STA. 171+39, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 171+16.63, 29.74'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 171+16.63, TO STA. 171+31.57. LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 171+51, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 171+63 TO STA. 172+02, RT. BUILD 7' SIDEWALK AND CURB & GUTTER

STA. 172+14, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 172+25.84 TO STA. 172+46.48, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 172+36.81 TO STA. 172+38, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 172+46, LT. BUILD 1–16' DRIVEPAD WITH LAYDOWN CURB

STA. 172+54 TO STA. 173+00, LT. BUILD 6' SIDEWALK

STA. 172+37 TO STA. 173+00, LT. REMOVE EXISTING BLOCK WALL AND PILASTERS

STA. 172+46.48 CONNECT TO EXISTING CURB

STA. 172+34.81 POC 28.38' RT.

32' F-F TYPICAL

58' F-F TYPICAL

MATCH EXISTING

4 TH ST. N.W.

DELAMAR RD N.W.

℄ CONSTRUCTION

EASEMENT

6' Sidewalk

4' Sidewalk

CONC. SIDEWALK (TYP.)

CONC. VALLEY GUTTER

CONC. DRIVE (TYP.)

CONC. CURB & GUTTER (TYP.)

PLANTER

BUILDING

① PNT	FL
1	71.90
2	71.83
3	71.76
4	71.68
5	71.61

② PNT	FL
1	71.90
2	71.80
3	71.71
4	71.61
5	71.51

③ PNT	FL
1	71.54
2	71.56
3	71.59
4	71.62
5	71.64

NOTES

1. SEE SHEET SD-12 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-12 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

0.2085% PROFILE GRADE, TOP OF CURB – LT.

EXIST. TOP OF CURB – LT.

+0.1400%

+0.1467%

PROFILE GRADE ℄ CONSTRUCTION

+0.0800%

EXIST. GRADE AT ℄ 4th STREET

+0.2173%

+0.3668%

PROFILE GRADE, TOP OF CURB – RT.

+0.1051%

+0.1223%

EXIST. TOP OF CURB – RT.

+0.1597%

RECORD DRAWING

Date May 26, 1999

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 3527.912393

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-12

20/8081.53C04A/PPTWELVE/1-27-92/MRL.TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-14	

STA. 179+00 MATCH LINE – SEE SHEET U-13

STA. 185+00 MATCH LINE – SEE SHEET U-15

EXISTING SAS MH DATA		
MH F14583	MH F14584	MH F14588
RIM EL=73.87	RIM EL=73.92	RIM EL=73.27
N INV.EL=64.76	N INV.EL=62.75	N INV.EL=62.44
S INV.EL=64.73	S INV.EL=62.73	S INV.EL=62.26
	E INV.EL=63.74	E INV.EL=64.18

STA. 179+00 TO STA. 182+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 179+00 TO STA. 182+35 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 179+44 (9-22-92) 6 LF 4" SAS Lt. Tied to 8"

STA. 179+57, 44'RT. ℄ CONST. INSTALL 1-FIRE HYDRANT CONNECT TO EXISTING SERVICE LINES FLANGE EL=73.90 BURY DEPTH=4.0

STA. 182+00 BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 181+41, 17'LT. ℄ CONST. END CONST. 8" SAS CONNECT TO EXISTING MANHOLE

PB Not Installed

POWER POLE TO BE REPLACED

STA. 182+00 BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 182+00 TO EXISTING LIGHT BASE BUILD 2" CONDUIT (STREET LIGHTING) CONNECT NEW CONDUIT TO EXISTING CONDUIT APPROX. 5' FROM EXISTING LIGHT BASE

STA. 182+52 Traffic Slub out 6' back of C℄G

STA. 182+55 BUILD TRAFFIC MANHOLE STUB-OUT 2" CONDUIT UNDER CURB & GUTTER

STA. 163+30, RT. APPROXIMATE END OF NEW GAS LINE INSTALLED UNDER MONTANO CONTRACT

Dead End SAS MH

4 TH ST. N.W.

℄ CONSTRUCTION

HENDRIX RD. N.W.

SANCHES RD. N.W.

MONTANO RD. NW

STA. 179+10 (7-22-92) 34' Water Service Rf.

Remove & Replace Rf (10-2-92)

STA. 180+90 (6-30-90) 35 LF Gas

35 LF Gas (6-29-92)

22 LF Gas (6-29-92)

STA 182+95 End Gas

NOTES

1. SEE SHEET SD-14 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-14 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEET S1-S3 PER 15" SAS CONSTRUCTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE ℄ CONSTRUCTION +0.2650% +0.0393%

EXIST. GRADE AT ℄ 4th STREET

S= 0.00513 207 LF 8" SAS

S= 0.00401 294 LF 8" SAS

℄ MH 64.84

MH F14583 STA. 181+41, 17' LT. 12" SD INVERT =64.76 S INV.EL.=64.66

TH9
5" AC
5" PCC
6.5" ABC
SILTY SAND(SM)

26 3527.91 5393

RECORD DRAWING
Date May 26 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the owner may be assumed to be reliable, the engineer will not be responsible for the accuracy of the information nor for errors or omissions which may appear in the document as a result thereof.

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	U-14

G-14-N MH 84 — BELLROSE AVE.

G-14-N MH 83 — GRIEGOS RD.

G-14-N MH 81

F-14-S MH 983

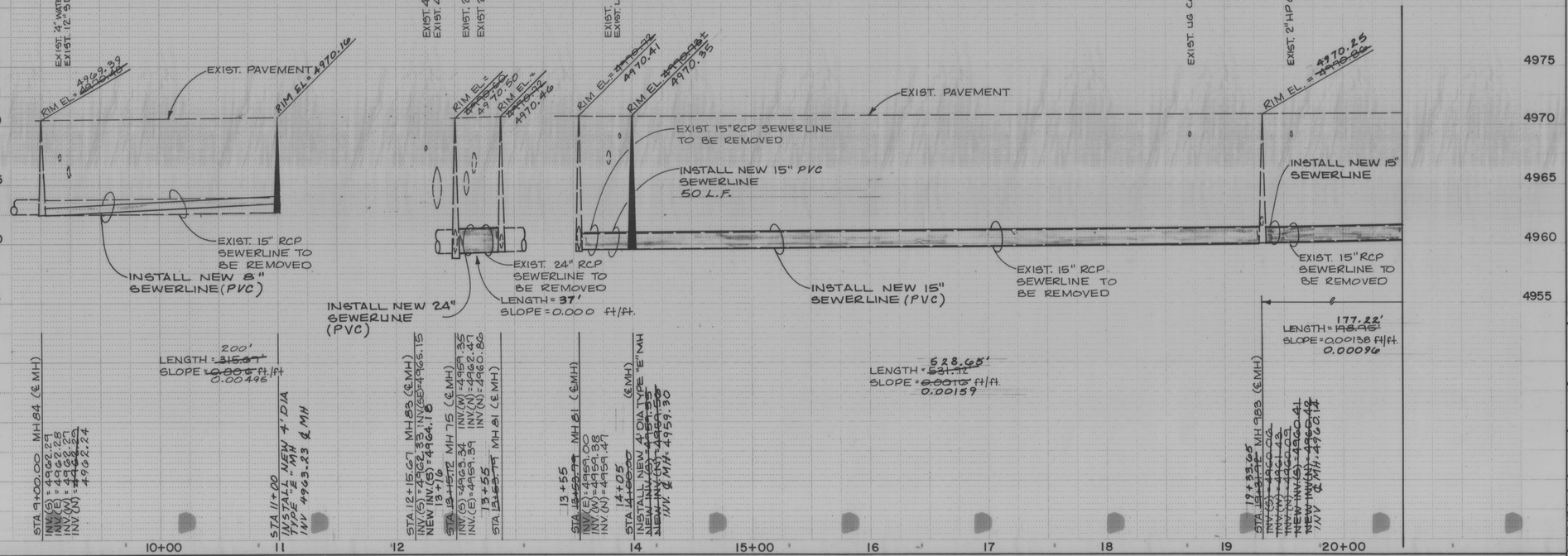
F-14-S MH 981 — SHANGRI LA CT.

SAS SERVICE

STATION	SIZE
10+65 RT.	4"
16+46 RT.	6"
16+28 RT.	4"
16+98 RT.	4"
17+24 RT.	4"
17+55 RT.	4"
18+17 RT.	4"

4th ST.

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



GENERAL NOTES

1. IMPORTED BACKFILL MATERIAL MAY BE REQUIRED FOR THE INTERCEPTOR SEWER, AS APPROVED BY THE CITY.
2. A TRENCH BOX MAY BE REQUIRED FOR CONSTRUCTION OF THE INTERCEPTOR SEWER DUE TO LIMITED WORKING SPACE BETWEEN EXISTING UTILITIES AND CURB AND GUTTER.
3. SEE SHEETS U-9 THRU U-14 FOR WATER AND OTHER SEWER RECONSTRUCTION.
4. SEE SHEETS SD-9 THRU SD-14 FOR STORM DRAIN CONSTRUCTION.
5. ALL EXISTING SANITARY SERVICES SHALL BE RECONNECTED TO THE NEW SEWER MAIN AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2134.
6. EXISTING MANHOLE FLOORS SHALL BE REHABILITATED AS PER CITY OF ALBUQUERQUE STANDARD DRAWINGS 2101 AND 2102.
7. ~~THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DEFECTIVE OR DETERIORATED CONDITION UPON VISUAL INSPECTION OF EXISTING SERVICE LINES. THE ENGINEER OR THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS OF SUCH SITUATION AND SHALL PROVIDE THE PROPERTY OWNERS WITH THE OPPORTUNITY TO VISUALLY OBSERVE AND REPLACE THE SERVICE LINE WITHIN A REASONABLE AMOUNT OF TIME.~~
8. SANITARY SEWER SERVICE RECONNECTIONS AND TRANSFERS SHALL BE PAID FOR IN ACCORDANCE TO THE UNIT PRICE LISTED ON THE BID PROPOSAL. HOWEVER, THOSE CONNECTIONS DAMAGED WHILE PERFORMING THE WORK UNDER THIS PROJECT SHOULD BE REPLACED AT NO ADDITIONAL COST TO THE CITY.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	Koogle & Poulos P.A.	4/93

AS BUILT INFORMATION
BENCH MARKS
11-F14 El. 4972.549 A standard ACS aluminum cap set flush with curb, stamped "11-F14 1985". Located in the SSE quadrant of the intersection of Fourth St. & Delamar Rd. NW.

CONTRACTOR MCC Inc.
WORK STARTED BY Contractor DATE
INSPECTORS ACCEPTANCE BY J.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

ENGINEER'S SEAL

RECORD SET
David J. Larrow
4-26-93

26 3527.915493

NO.	DATE	REMARKS
		REVISIONS
		DESIGN
		DESIGNED BY PMT/DJL DATE 1-31-92
		DRAWN BY PMT DATE 1-31-92
		CHECKED BY DJL DATE 1-31-92

Holmes & Narver

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4th ST. RECONSTRUCTION PART IIA
SEWER INTERCEPTOR REPLACEMENT
BELLROSE AVE. TO HENDRIX AVE.

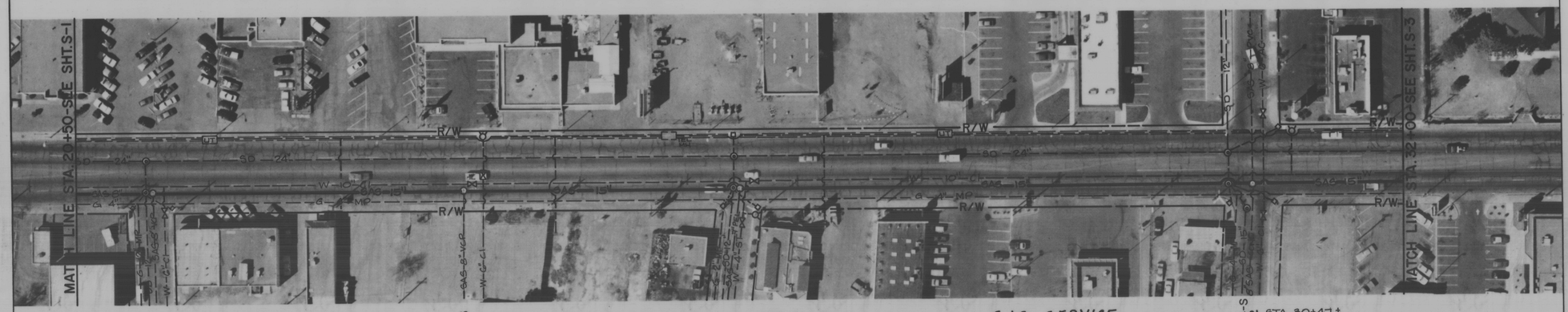
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger A. Haas	1-31-92	WATER		1-31-92
TRANSPORTATION	N/A		WASTE WATER	"	"
HYDROLOGY	N/A				
PARKS & REC.	N/A				

DRAWING NO. 3527.91
MAP NO. G-14-N F-14-S
SHEET S-1 OF

KOOGLE & POULS ENGINEERING, INC.
8338A COMANCHE N.E. ALBUQUERQUE, NEW MEXICO 87110

JOB NO. 2657.05 (2657.05 AS-BUILTS)

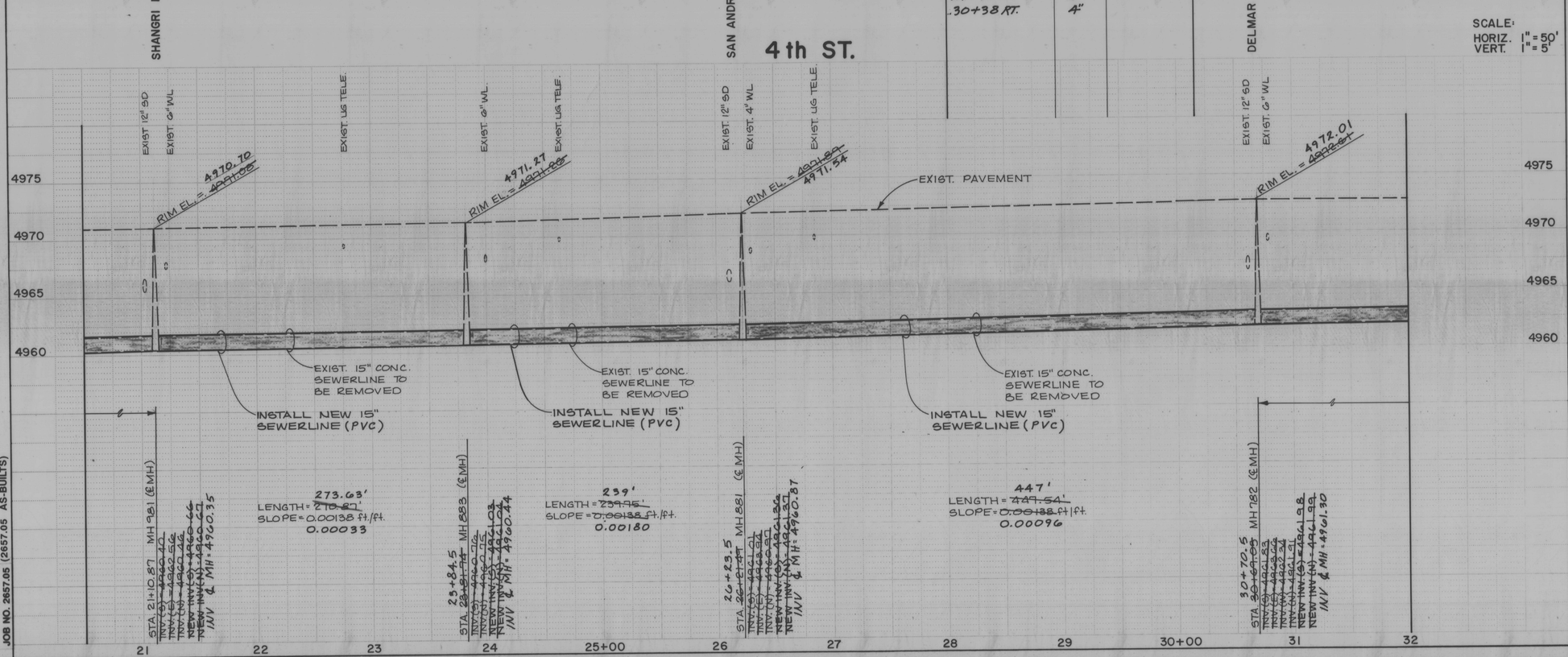
KOOGLE & POULS ENGINEERING, INC.
8338A COMANCHE N.E. ALBUQUERQUE, NEW MEXICO 87110



SAS SERVICE

STATION	SIZE	ELEVATION
19+92.5 RT.	6"	
20+06 RT.	4"	
22+49 RT.	4"	
24+84 RT.	4"	
27+10 LT.	4"	
27+94 RT.	4"	
30+38 RT.	4"	

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



JOB NO. 2657.05 (2657.05 AS-BUILTS)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	Angle + Pauls Partners	4/89

BENCH MARKS

11-F14 El. 4972.549 A standard ACS aluminum cap set flush with curb, stamped "11-F14 1985". Located in the SSE quadrant of the intersection of Fourth St. & Delamar Rd. NW.

AS BUILT INFORMATION

CONTRACTOR Nice Inc. DATE
WORK STAKED BY Construction DATE
INSPECTORS
ACCEPTANCE BY J.M.A. DATE
FIELD VERIFICATION BY DATE
DRAWING CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

ENGINEER'S SEAL

RECORD SET
David J. Larrow
4-26-93

26 3527.915593

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 1-31-92
		DESIGNED BY PMT/DJL	DATE 1-31-92
		DRAWN BY PMT	DATE 1-31-92
		CHECKED BY DJL	

Holmes & Narver

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

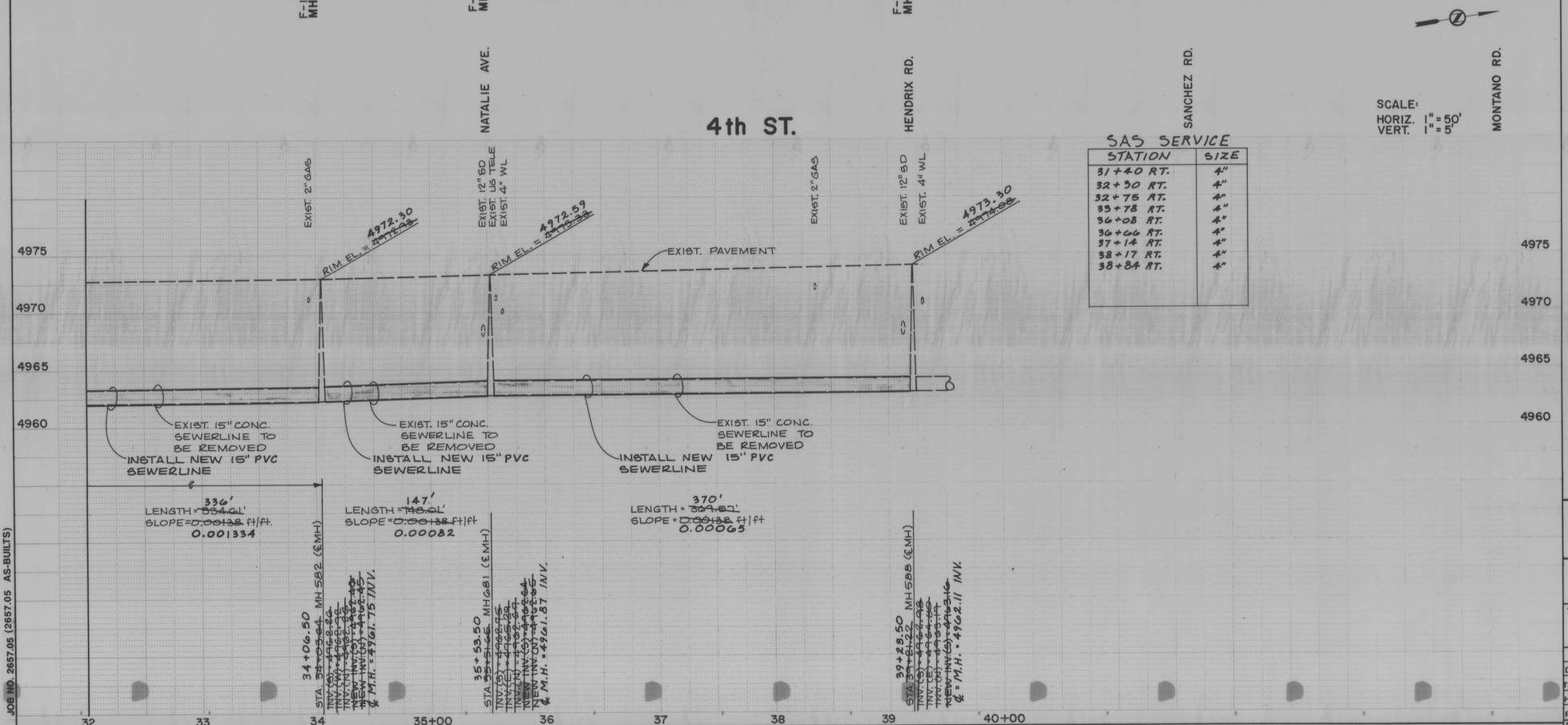
TITLE: 4th ST. RECONSTRUCTION PART IIA
SEWER INTERCEPTOR REPLACEMENT
BELLROSE AVE. TO HENDRIX AVE.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger A. Green	1-31-92	WATER		1-31-92
TRANSPORTATION	N/A		WASTE WATER	"	
HYDROLOGY	N/A				
PARKS & REC.	N/A				

DRAWING NO. 3527.91 | MAP NO. F-14-S | SHEET S-2 OF

KOOGLE & POULS ENGINEERING, INC.
5338A COMANCHE N.E., ALBUQUERQUE, NEW MEXICO 87110

JOB NO. 2657.05 (2657.05 AS-BUILTS)



SAS SERVICE

STATION	SIZE
31+40 RT.	4"
32+30 RT.	4"
32+75 RT.	4"
33+78 RT.	4"
36+08 RT.	4"
36+66 RT.	4"
37+14 RT.	4"
38+17 RT.	4"
38+84 RT.	4"

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

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE
1	Koogle & Poulos Engrg	4/91

BENCH MARKS

11-F14 E1.4972.549 A standard ACS aluminum cap set flush with curb, stamped "11-F14 1985" Located in the SSE quadrant of the intersection of Fourth St. & Delamar Rd. NW.

AS BUILT INFORMATION

CONTRACTOR Ace Inc.
WORK STARTED BY Contractor DATE
INSPECTORS FINAL ACCEPTANCE BY T.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

ENGINEER'S SEAL

RECORD SET
David J. Lorrow
4-26-93

26 3527.915693

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGNED BY	PMT/DJL
		DRAWN BY	PMT
		CHECKED BY	DJL

DATE 1-31-92
DATE 1-31-92
DATE 1-31-92

Holmes & Narver

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4th ST. RECONSTRUCTION. PART IIA
SEWER INTERCEPTOR REPLACEMENT
BELLROSE AVE. TO HENDRIX AVE.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger Green	1-31-92	WATER		1-31-92
TRANSPORTATION	N/A		WASTE WATER		"
HYDROLOGY	N/A				
PARKS & REC.	N/A				

DRAWING NO. 3527.91
MAP NO. F-14-S
SHEET S-3 OF

GENERAL TRAFFIC CONTROL AND ACCESS SIGNING NOTES

1. SEE SHEET T-2 AND T-3 FOR TYPICAL WORK ZONE SECTIONS AND DETAILS.
2. CONTRACTOR SHALL ADHERE TO SECTION 19 AND MODIFICATIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR CONSTRUCTION, 1986.
3. CONTRACTOR SHALL MAINTAIN ACCESS TO EACH FACILITY, BUSINESS, DEAD-END STREET, AND RESIDENCE AT ALL TIMES.
4. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA AS SHOWN AND AS REQUIRED BY THE ENGINEER. EACH SIGN SHALL HAVE WHITE 4(FOUR) INCH HIGH LETTERING w/ A WHITE BORDER AND ARROW ON A BLUE REFLECTORIZED BACKGROUND. SIGN NUMBERS AND NUMBERS SHOWN IN PARENTHESES ON THE ACCESS SIGNING PLAN ARE FOR INFORMATION ONLY AND ARE NOT TO INCLUDED ON THE SIGN. EACH SIGN IS LIMITED TO 4 LINES OF TEXT. EACH LINE IS LIMITED TO APPROXIMATELY 16 CHARACTERS INCLUDING SPACES BETWEEN WORDS. WHEN A BUSINESS NAME REQUIRES MORE THAN ONE LINE OF TEXT, THE SECOND AND SUBSEQUENT LINES SHALL BE INDENTED FROM THE FIRST LINE OF ASSOCIATED TEXT. SEE DETAIL 1, THIS SHEET. *See Addendum #2*
5. CONTRACTOR SHALL REMOVE AND REPLACE ALL EXISTING PAVEMENT STRIPING THAT WOULD CONFLICT WITH CONSTRUCTION TRAFFIC PATTERNS. CONTRACTOR WILL BE RESPONSIBLE FOR TEMPORARY ADHESIVE STRIPING AT NO ADDITIONAL COST. *See Addendum #2*
6. CONTRACTOR MUST COMPLY WITH SP3 MEDIA NOTIFICATION REQUIREMENTS.
7. 24 HOURS PRIOR TO OCCUPYING THE ROADWAY, THE CONSTRACTOR SHALL NOTIFY IN WRITING: POLICE, SHERIFF, FIRE DEPARTMENT, AND AMBULANCES. SUCH NOTICES SHALL BE HAND DELIVERED.
8. **CONTRACTOR SHALL INSURE THAT ALL TRAFFIC AND ACCESS CONTROL DEVICES ARE PROPERLY MAINTAINED, AND SET ACCORDING TO THE TRAFFIC CONTROL PLAN. CONTRACTOR SHALL INSPECT SITE THREE TIMES DAILY (ONCE IN THE MORNING, ONCE IN THE AFTERNOON AND ONCE DURING THE HOURS OF DARKNESS.) ALL SIGNS SHALL BE KEPT CLEAN AND LEGIBLE. CONTRACTOR SHALL LOCATE SIGNS AND DEVICES AS REQUIRED BY THE ENGINEER. SIGNS AND DEVICES NOT REQUIRED SHALL BE REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER. SPOT CHANGES TO THE TRAFFIC CONTROL PLAN WILL BE INCIDENTAL TO THE CONTRACT. SUCH CHANGES SHALL BE DEVELOPED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE A WRITTEN INSPECTION REPORT DETAILING THE INSPECTIONS, INCLUDING DEFICIENCIES AND CORRECTIONS. THIS REPORT SHALL BE SUBMITTED WEEKLY TO THE C.O.A. CONSTRUCTION COORDINATOR NO LATER THAN 4:00 PM FRIDAY DURING EACH WEEK TRAFFIC CONTROL DEVICES ARE IN PLACE.**
9. CONTRACTOR SHALL PROVIDE AND MAINTAIN SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND ALL WORK AREAS THROUGHOUT THE PERIOD OF CONSTRUCTION. ALL SUCH CHANNELIZATION SHALL BE ARRANGED TO PREVENT PEDESTRIANS FROM HAVING TO ENTER THE ROADWAY IN ORDER TO PASS AROUND THE WORK AREA.
10. ALL SIGNS, STRIPING, AND DETOURING SHALL BE IN ACCORDANCE WITH MUTCD AND STANDARD HIGHWAY SIGNS. (LATEST EDITIONS)
11. THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION TWO (2) WEEKS IN ADVANCE OF ANY CHANGES REQUIRED IN TRAFFIC SIGNALIZATION INCLUDING INSTALLATION OF SPAN WIRES AND TEMPORARY SIGNALS AT GRIEGOS RD AND AZTEC RD INTERSECTIONS. TRANSITION FROM EXISTING SIGNALS TO SPAN WIRES SHALL OCCUR DURING OFF PEAK HOURS WITH A MINIMUM OF 72 HOURS NOTIFICATION TO THE CITY TRAFFIC DIVISION PRIOR TO TRANSITION.
12. HALF SIDE STREET OR BUSINESS ACCESS SHALL BE UTILIZED ONLY DURING WORK HOURS AND SHALL BE FOR THE SHORTEST TIME POSSIBLE. FULL ACCESS SHALL BE AVAILABLE OVERNIGHT OR DURING NON-WORK HOURS. SEE DETAIL 4, SHEET T-2.
13. **THE CONTRACTOR SHALL NOTIFY OCCUPANTS AND OWNERS IN WRITING OF DRIVEWAY OR ACCESS CLOSURES, INCLUDING DEAD-END STREET RESIDENTS, 24 HOURS PRIOR TO SUCH CLOSURES AND PROVIDE AN ESTIMATE OF HOW LONG SUCH CLOSURES WILL BE. SUCH NOTICES SHALL BE HAND DELIVERED. CONTRACTOR SHALL PROVIDE ALTERNATE ACCESS DURING SUCH CLOSURES.**
14. ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR OTHER REASONS (EXCEPT FOR CONTRACTOR CONVENIENCE) NOT SHOWN ON THE TRAFFIC CONTROL AND ACCESS PLANS SHALL BE FURNISHED BY THE CONTRACTOR. PAYMENT FOR THIS WORK WILL BE CONSISTENT WITH THE BID AMOUNT SHOWN IN THE BID PROPOSAL. TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
15. INSTALL 18"x24" R4-7a BACK TO BACK ON VERTICAL PANELS AT 250' MINIMUM INCREMENTS THROUGHOUT WORK ZONE.
16. WORK ZONES SHOWN ARE GRAPHIC REPRESENTATIONS OF THE VARIOUS CONSTRUCTION PHASES AND ACCESS SIGNING. THE CONTRACTOR SHALL LIMIT THEIR WORK AREAS TO A MAXIMUM OF 1800 LINEAL FEET (TOTAL) PER PHASE (ie A MAXIMUM OF 1800 TOTAL LINEAL FEET OF WORK AREA BETWEEN THE ALAMEDA DRAIN AND GRIEGOS RD - PHASE 1A AND 1B, AND A MAXIMUM OF 1800 TOTAL LINEAL FEET BETWEEN GRIEGOS RD AND MONTANO RD - PHASE 2A AND 2B). NO MORE THAN TWO WORK AREAS PER PHASE WILL BE ALLOWED EXCEPT AS PROVIDED BELOW: *See Addendum #2*

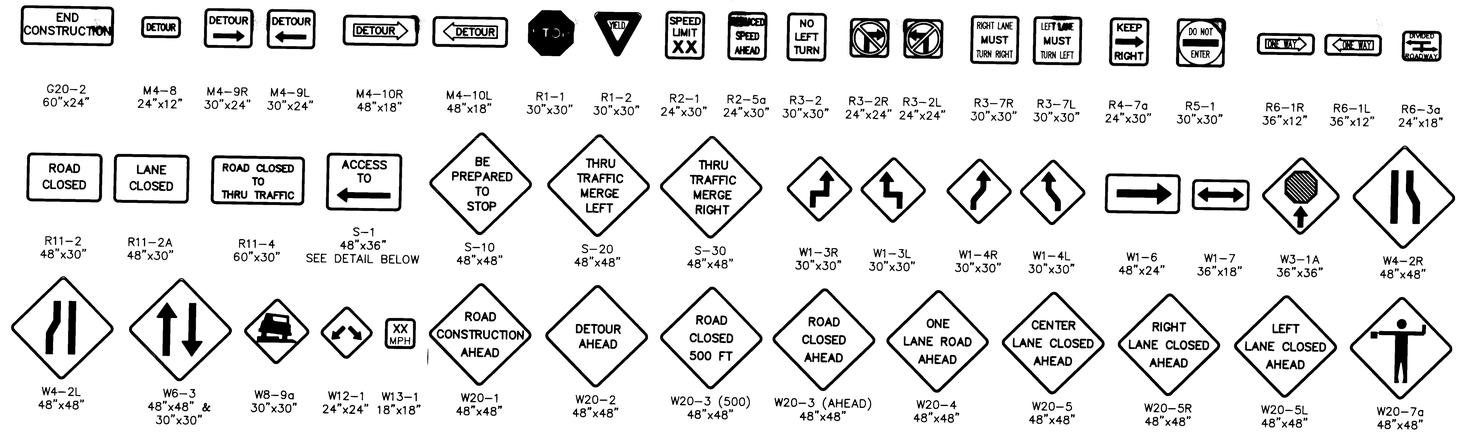
    AN ADDITIONAL 600 LINEAL FEET FOR SHALLOW DEPTH (4' OR LESS) UTILITY CONSTRUCTION MAY PRECEED THE WORK AREA AND SHALL BE LIMITED TO A SINGLE LANE CLOSURE. TEMPORARY PAVING FOR ALL ACCESSES SHALL BE INSTALLED IMMEDIATELY BEHIND BACKFILL OPERATIONS.
17. WORK AREA AND PHASE COORDINATION. THE PROJECT IS DIVIDED INTO PHASES AND SUB-PHASES AS SHOWN ON THE TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL COORDINATE AND PLAN THEIR WORK SUCH THAT THE VARIOUS PHASES AND SUB-PHASES ARE PHYSICALLY SEPARATED FROM ADJOINING PHASES OR SUB-PHASES. CONSTRUCTION PHASES ARE:

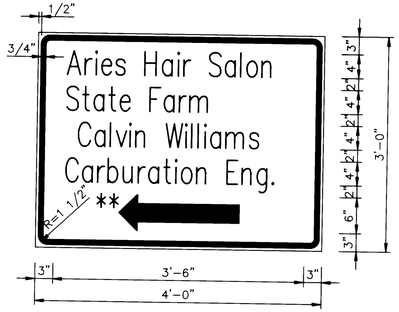
    PHASE 1A - ALAMEDA DRAIN TO SOUTH OF GRIEGOS RD, EAST SIDE WORK ZONE
    1B - ALAMEDA DRAIN TO SOUTH OF GRIEGOS RD, WEST SIDE WORK ZONE

    PHASE 2A - NORTH OF GRIEGOS RD TO MONTANO RD, EAST SIDE WORK ZONE
    2B - NORTH OF GRIEGOS RD TO MONTANO RD, WEST SIDE WORK ZONE

    PHASE 3A - INTERSECTION INTERIOR OF 4TH ST AND GRIEGOS RD (24" SAS WORK)
    3B - INTERSECTION OF 4TH ST AND GRIEGOS RD, EAST SIDE WORK ZONE
    3C - INTERSECTION OF 4TH ST AND GRIEGOS RD, WEST SIDE WORK ZONE

    UNLESS OTHERWISE ALLOWED IN WRITING BY THE ENGINEER, PHASE 3 WORK MAY NOT OCCUR WHILE THE INTERSECTION OF 2ND ST AND GRIEGOS RD (SEPARATE CONTRACT) IS CLOSED TO THRU GRIEGOS TRAFFIC. COORDINATION WITH PHASES 1 AND 2 SHALL BE AS APPROVED BY THE ENGINEER WHICH RESULTS IN THE LEAST DISRUPTION TO TRAFFIC FLOWS AND ACCESSES.



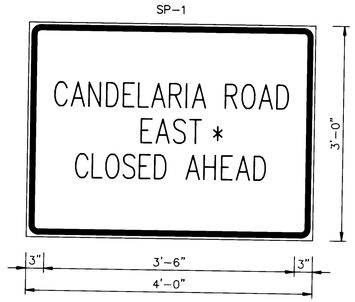


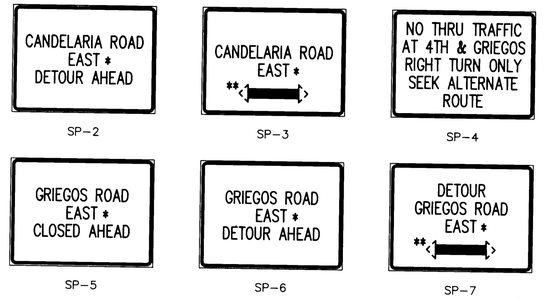
STANDARD ACCESS SIGN DETAIL

1 — T-4 THRU T-18 / T-1

SCALE: 1"=1'-0"

** L = LEFT
R = RIGHT



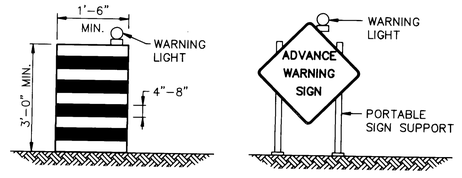


ADVANCE DETOUR SIGNS - TYPICAL 'SP' SERIES

2 — T-6, T-9, T-16 THRU T-18 / T-1

NOT TO SCALE

* OR WEST
** L = LEFT
R = RIGHT



TRAFFIC CONTROL DEVICES

3 — T-4 THRU T-18 / T-1

NOT TO SCALE

NOTES CONTINUED

NOTE 17 CONTINUED

A. THE FOLLOWING TIME CONSTRAINTS ARE SPECIFIC TO PHASE 3: PHASE 3A SHALL BE CONSTRUCTED DURING A WEEKEND. THIS WORK SHALL BE ACCOMPLISHED, INCLUDING TEMPORARY RESURFACING, BETWEEN 6:00 PM FRIDAY AND 7:00 AM THE FOLLOWING MONDAY.

B. PHASES 3B AND 3C ARE LIMITED TO 15 CALENDAR DAYS EACH.

C. ALL PHASE 3 CONSTRUCTION SHALL BE COORDINATED WITH PHASE 1 AND 2 SUCH THAT PHASES DO NOT ADJOIN AND RESULT IN THE LEAST DISRUPTION TO TRAFFIC AND ACCESSES.

D. THESE TIME CONSTRAINTS ARE WITHIN THE TOTAL CONTRACT TIME ALLOWED.

18. SEE SPECIFICATION FOR CONTRACT TIME LIMITATIONS, CONSTRUCTION AREA TIME LIMITATIONS AND LIQUIDATED DAMAGES PROVISIONS.

RECORD DRAWING
Date May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed reliable the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

AS BUILT INFORMATION
CONTRACTOR MCC, Inc
WORK INSPECTED BY Contractor DATE
INSPECTION WORK ACCEPTANCE BY C.A.O. DATE
VERIFICATION BY DATE
DRAWINGS CORRECTED BY L.H.Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 1-29-92
		DRAWN BY	DATE 1-29-92
		CHECKED BY	DATE 1-29-92

26 3527.915793

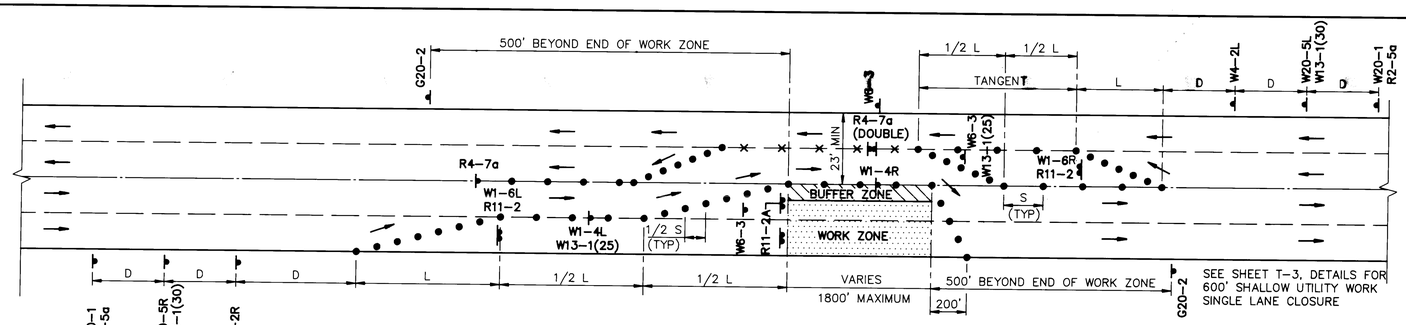
1/8081.53CD15/SIGNLEG/1-23-92/CSC

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
TYPICAL TRAFFIC CONTROL DEVICES AND NOTES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION		1-31-92	WASTE WATER		"
HYDROLOGY		1-31-92			
Grant Case		1-31-92			

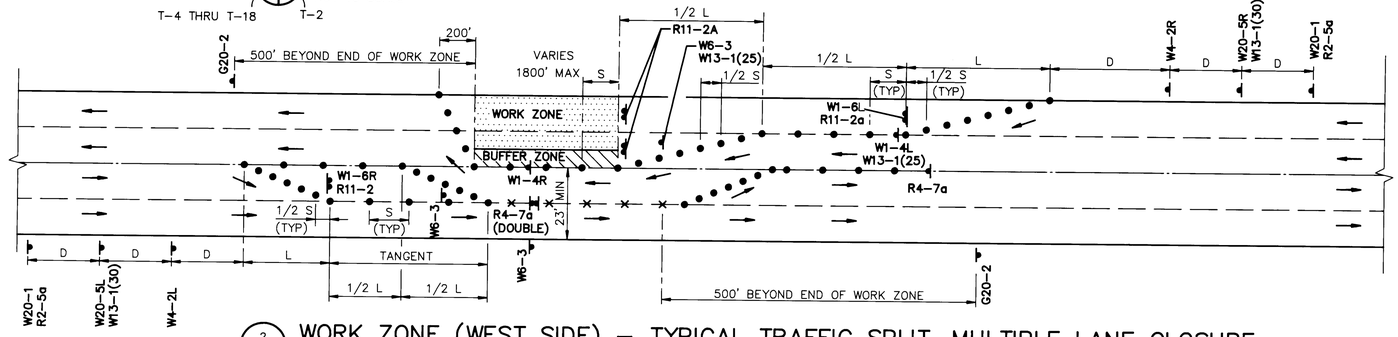
PROJECT NO. 3527.91 | MAP NO. — | SHEET T-1 OF



1 WORK ZONE (EAST SIDE) – TYPICAL TRAFFIC SPLIT, MULTIPLE LANE CLOSURE

NOT TO SCALE

T-4 THRU T-18 T-2



2 WORK ZONE (WEST SIDE) – TYPICAL TRAFFIC SPLIT, MULTIPLE LANE CLOSURE

NOT TO SCALE

T-4 THRU T-18 T-2

GENERAL NOTES

1. SEE SHEET T-1 FOR GENERAL NOTES, DETAILS, AND SIGNS.

NOTE:
ALL ADVANCE WARNING SIGNS ARE TO BE DOUBLE INDICATED WHENEVER MEDIANS ARE PRESENT.

ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON AN ORANGE REFLECTORIZED BACKGROUND.

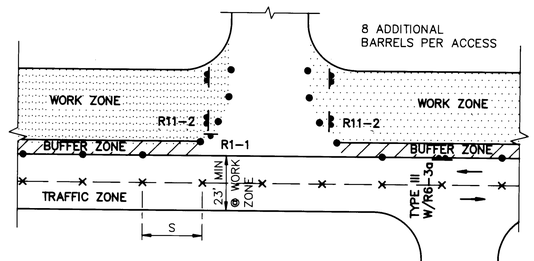
ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY EIGHT (48) INCHES BY FORTY EIGHT (48) INCHES IN SIZE, AND HAVE STEADY BURN WARNING LIGHTS.

TRAFFIC LEGEND

	WORK ZONE OR COMBINED WORK & BUFFER ZONE (SEE PLAN)
	LIMITS OF INITIAL PHASE WORK ZONE
	BUFFER ZONE
●	BARRICADE TYPE I, TYPE II, OR BARREL
R11–2	BARRICADE, TYPE III & SIGN TYPE
×	VERTICAL PANEL
W6–3	TRAFFIC SIGN & SIGN TYPE
	DOUBLE INDICATING SIGNS & SIGN TYPE
	VERTICAL PANEL WITH SIGN
1A2R	ACCESS SIGN & SIGN NUMBER
	TRAFFIC FLOW DIRECTION
D	DISTANCE BETWEEN SIGNS; 250± (AS FIELD CONDITIONS PERMIT)
L	TAPER LENGTH, SEE SHEET T–2 FOR TAPER REQ'MTS. UNLESS OTHERWISE INDICATED, THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN LENGTH
S	SPACING BETWEEN TRAFFIC CONTROL DEVICES; A DISTANCE MEASURED IN FEET EQUAL TO THE POSTED SPEED OF THE STREET
SW	STREET WIDTH
	FLAGGER

MIN. TAPER REQ'MTS.

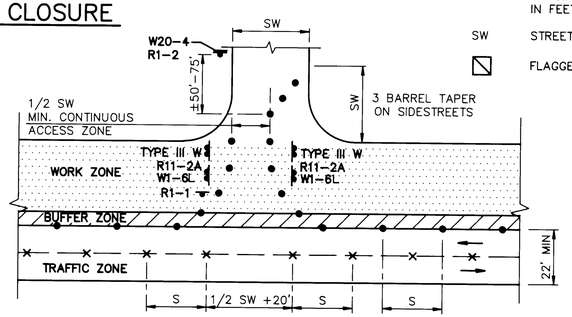
POSTED SPEED LIMIT (MPH)	TAPER LENGTH (FT) 10' LANE	11' LANE	12' LANE	MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
25	105	115	125	25	6
30	150	165	180	30	7
35	205	225	245	35	8
40	270	295	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13



3 FULL STREET ACCESS – BUSINESS/SIDESTREET TYPICAL PLAN

NOT TO SCALE

T-4 THRU T-18 T-2



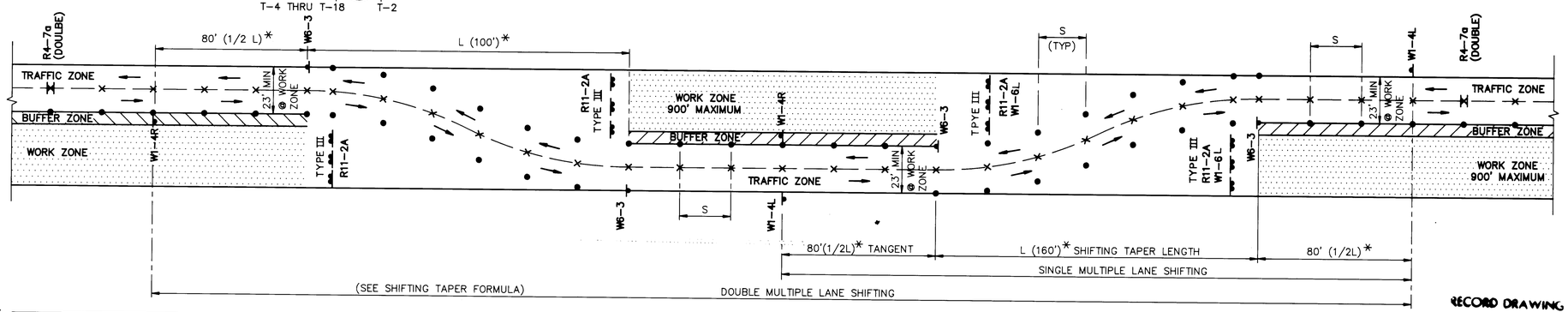
4 HALF SIDE STREET ACCESS – TYPICAL PLAN

NOT TO SCALE

T-4 THRU T-18 T-2

GENERAL NOTES: (CONT.) See Addendum #2

2. All advance warning signs are to be double indicated wherever medians are present.
3. All construction signs shall have a black legend on an orange reflection background.
4. All advance warning signs will be 4'.



* **SHIFTING TAPER FORMULA**

$$L = \frac{(WS^2)}{60}$$

2

W = LANE WIDTH OR TOTAL LATERAL SHIFT
S = POSTED SPEED
L = TAPER LENGTH

5 WORK ZONE SINGLE OR MULTIPLE LANE SHIFT – TYPICAL PLAN

NOT TO SCALE

T-4 THRU T-18 T-2

RECORD DRAWING

Date May 26, 1999

Those drawings have been revised based on the construction records of the owner. While the information submitted by the owner will be assumed to be reliable the engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the engineering document as a result thereof.

26 3527.916893

5/8081.53CD13/WZONESEC/1-24-92/CSC

AS BUILT INFORMATION
CONTRACTOR Mesa, Inc. DATE
WORK STARTED BY Contractor DATE
INSPECTORS ACCEPTANCE BY e/AO DATE
AGENCY VERIFICATION BY DATE
DRAWINGS REVISED BY L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY
NO.

BENCH MARKS
SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL

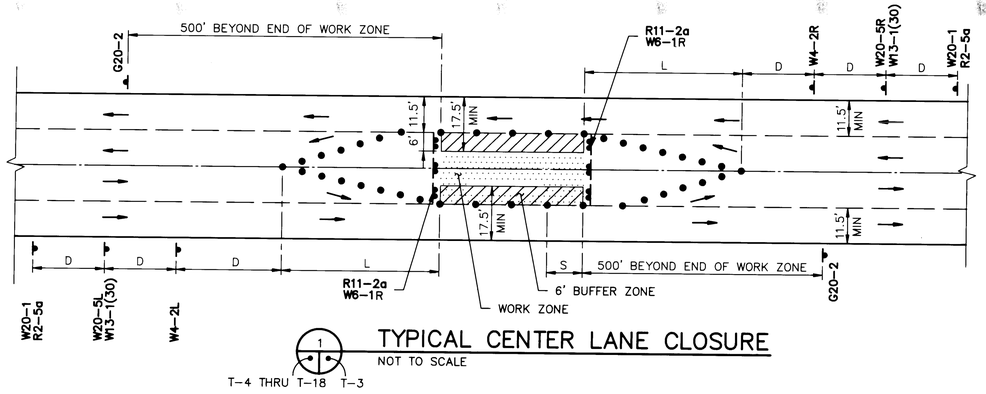
REMARKS BY DATE NO.
REVISIONS
DESIGN DATE 1-29-92
DESIGNED BY
DRAWN BY DATE 1-29-92
CHECKED BY DATE 1-29-92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

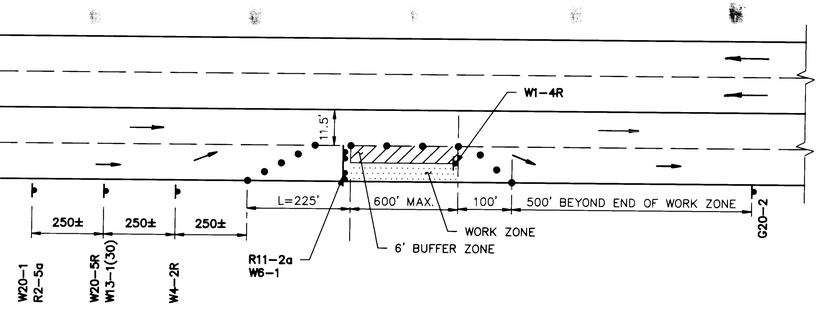
TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
WORK ZONE DELINEATION AND PLANS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION	N/A RWD	1-31-92	WASTE WATER		"
HYDROLOGY	N/A SAB	1-31-92			
		1-31-92			

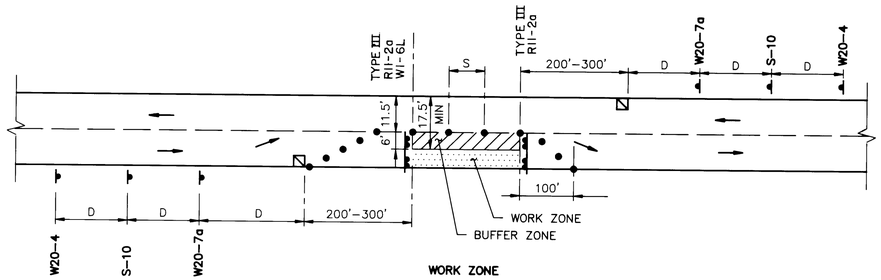
PROJECT NO. 3527.91 MAP NO. — SHEET T-2 OF



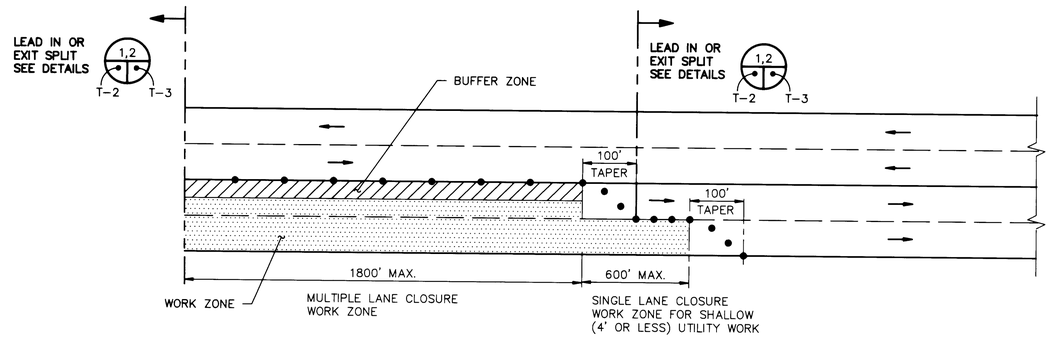
1 TYPICAL CENTER LANE CLOSURE
NOT TO SCALE
T-4 THRU T-18 T-3



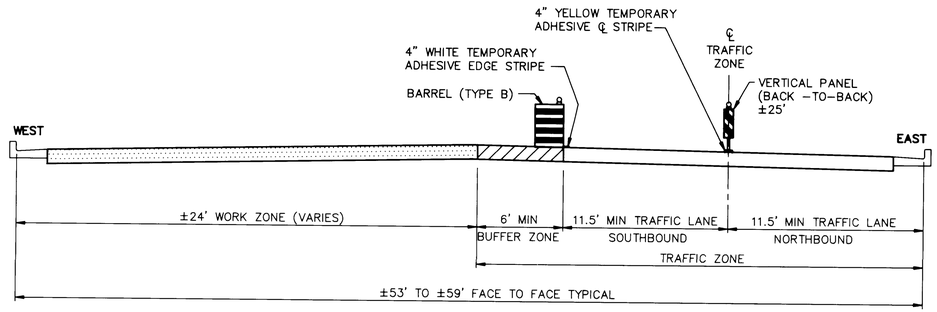
S TYPICAL SINGLE LANE CLOSURE
NOT TO SCALE
T-4 THRU T-18 T-3



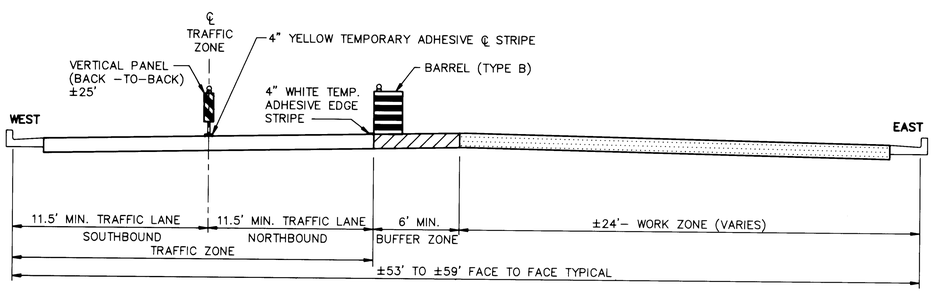
2 TYPICAL FLAGGING OPERATION
NOT TO SCALE
T-4 THRU T-18 T-3



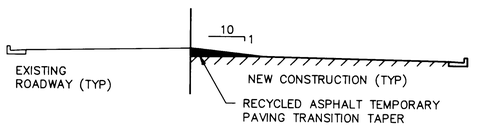
6 PLAN-WORK ZONE LENGTH DELINEATION
NOT TO SCALE
T-4 THRU T-18 T-3



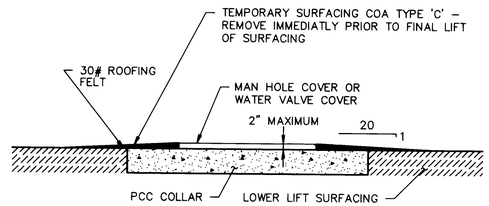
3 SECTION - WESTSIDE WORK ZONE
SCALE: 1"=5'-0"
T-4 THRU T-18 T-3



4 SECTION - EASTSIDE WORK ZONE
SCALE: 1"=5'-0"
T-4 THRU T-18 T-3



7 TEMPORARY TRANSITION TAPER
(NEW TO OLD CONSTRUCTION @ CROSS STREETS AND BUSINESS/RESIDENCE ACCESS)
SCALE 1"=10'-0" (SEE NOTE 4 THIS SHEET)
T-4 THRU T-18 T-3



8 MANHOLE OR WATER VALVE COVER PAVEMENT TRANSITION
(PRIOR TO FINAL PAVEMENT SURFACING)
SCALE: 1/2"=1'-0"
T-4 THRU T-18 T-3

TYPICAL CROSS-SECTION FOR WORK ZONE DELINEATION

1. 11.5 MIN. TRAVEL LANE (FACE OF CURB) TO ℄ TRAFFIC LANE.
2. 6' MIN. BUFFER ZONE.
3. 25' MAX. SPACING BETWEEN BARRELS OR VERTICAL PANELS EXCEPT AS REQUIRED FOR SIDE STREET OR BUSINESS ACCESS.
4. INSTALL W8-9a PRIOR TO AND @ 250' INTERVALS WHERE LANE TO LANE VERTICAL DIFFERENCES ARE HAZARDOUS.
5. CONTRACTOR SHALL UTILIZE TRENCH PROTECTION DURING UTULITY CONSTRUCTION TO MAINTAIN MINIMUM LANE WIDTHS AND BUFFER ZONE. ALL TRENCH PROTECTION SHALL CONFORM TO OSHA REQUIREMENTS. THE CONTRACTOR SHALL NOT ALLOW EXCAVATED MATERIALS TO ENCROACH ON BUFFER ZONES, TRAVEL LANES OR PEDESTRIAN AREAS. BUFFER ZONE MAY BE REDUCED BY USE OF PORTABLE PRECAST WALL BARRIER AT NO COST TO THE OWNER, IN ACCORDANCE WITH NMSHTD STANDARDS.

NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL TRAFFIC NOTES. DETAILS AND SIGNS

26 3527.915993

RECORD DRAWING
Date NOV 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear on the above document as a result thereof.

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STARTED BY Contractor DATE
WORK STOPPED FOR ACCEPTANCE BY C.A.O. DATE
FINAL VERIFICATION BY DATE
DRAWINGS CORRECTED BY C.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DATE 1-29-92
DRAWN BY DATE 1-29-92
CHECKED BY DATE 1-29-92

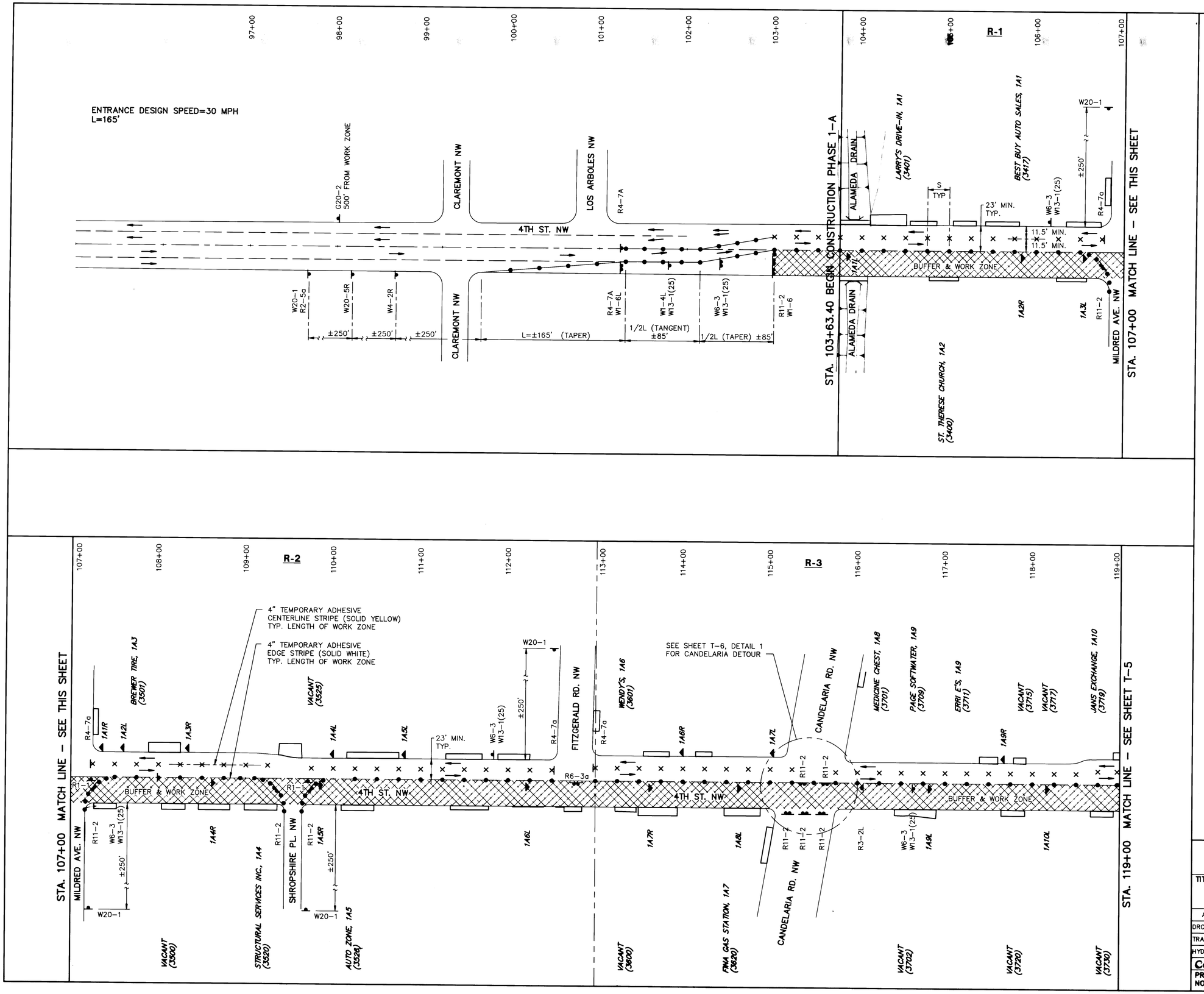
5/8081.53CD13/ZONESEC2/1-23-92/CSC

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
WORK ZONE DELINEATION AND DETAILS
CROSS-SECTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger Green	1-31-92	WATER	[illegible]	1-31-92
TRANSPORTATION	N/A RHD	1-31-92	WASTE WATER	[illegible]	"
HYDROLOGY	N/A SAB	1-31-92			
Cons Coor	E Reynal	1-31-92			

PROJECT NO. 3527.91 MAP NO. — SHEET T-3 OF —



GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STAKED BY Contractor DATE
ACCEPTANCE INSPECTION BY U.A.D. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY C-H, Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY Charles R. Archer DATE 1-29-92
DRAWN BY DATE 1-29-92
CHECKED BY DATE 1-29-92

26 3527.916093

RECORD DRAWING
Date May 26, 1993
Those drawings have been received based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for error or omissions which may appear in the [illegible]

APPROX. SCALE: 1"=50'

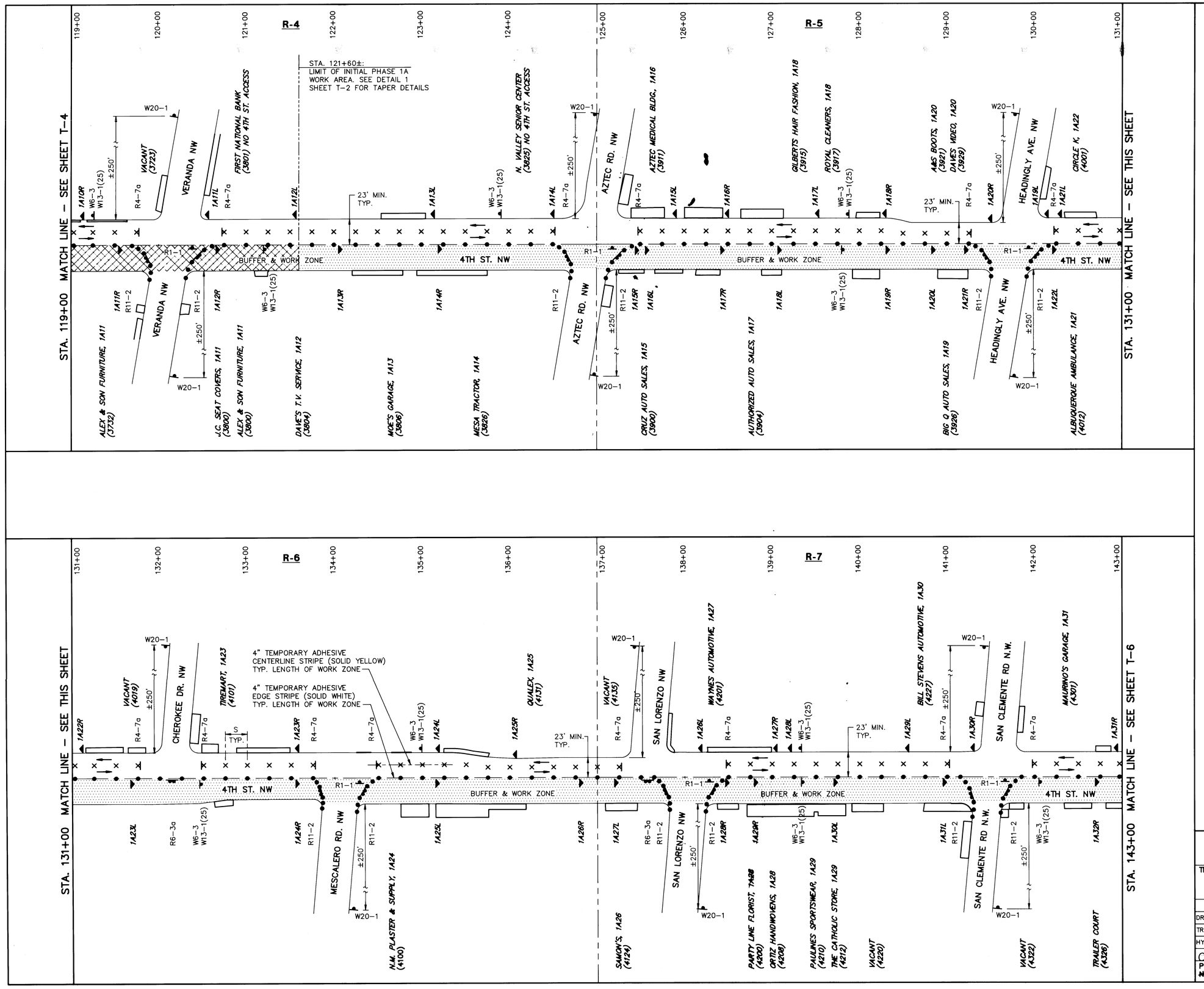
50/808153CD14/SG1AONE/1-21-92/SJH

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART 8A
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 1-A
EAST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	1-31-92	WATER	[signature]	1-31-92
TRANSPORTATION	N/A RHD	1-31-92	WASTE WATER	[signature]	"
HYDROLOGY	N/A SAB	1-31-92			
CC	[signature]	1/4/92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-4 OF —



GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION

CONTRACTOR MCC, Inc.
WORK STARTED BY Contractor DATE
INSPECTORS ACCEPTANCE BY C.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY J-H, Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
		DESIGN	
		DESIGNED BY	
		DRAWN BY	
		CHECKED BY	

26 3527.9161.93

RECORD DRAWING
Date MAY 26, 1993
These drawings have been received based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the prints developed as a result thereof.

APPROX. SCALE: 1"=50'

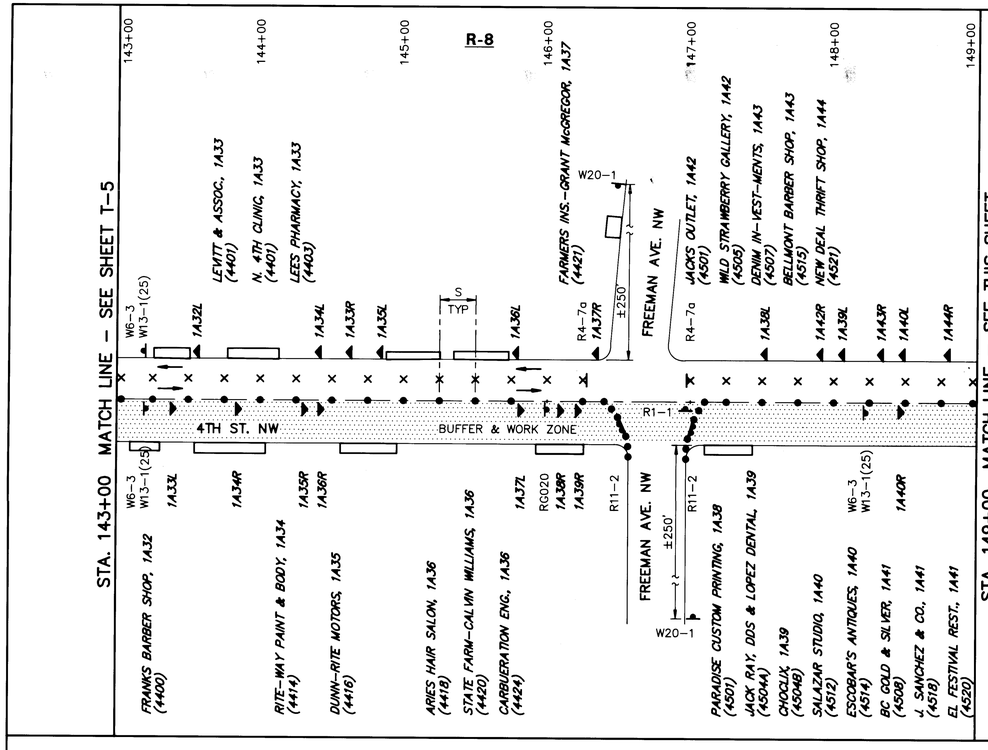
50/808153CD14/SG1ATWO/1-14-92/MRL

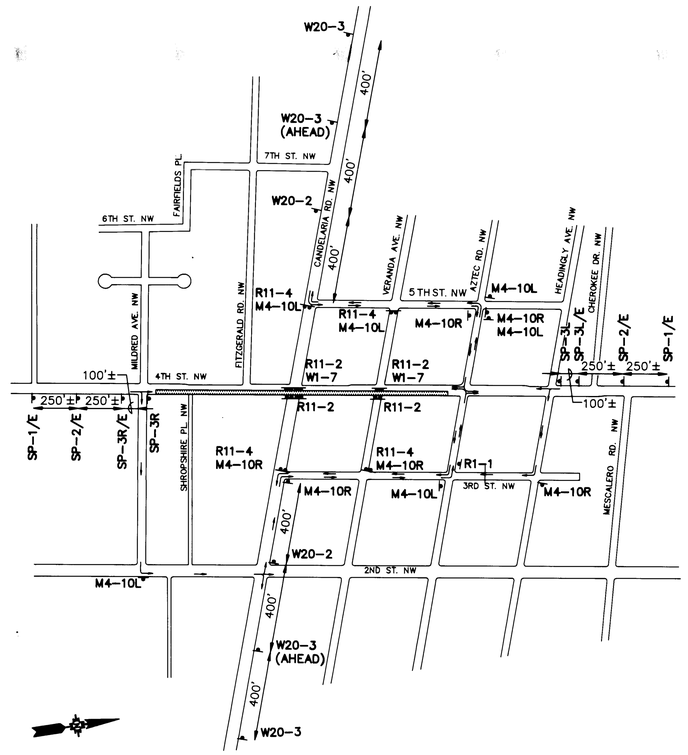
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 1-A
EAST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	1-31-92	WATER	N/C	1-31-92
TRANSPORTATION	N/A [signature]	1-31-92	WASTE WATER	N/C	"
HYDROLOGY	N/A [signature]	1-31-92			
CC	[signature]	1-31-92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-5 OF —





CANDELARIA RD. AND 4TH ST. DETOUR PLAN

NOT TO SCALE

T-4 T-6

DETOUR NOTES

1. ALL DETOUR SIGNING SHALL BE IN CONFORMANCE WITH MUTCD
2. CONTRACTOR SHALL NOT WORK BEYOND AZTEC AVE. UNTIL CANDELARIA RD. AND 4TH ST. CONSTRUCTION IS COMPLETE AND RESURFACED.
3. SEE SHEETS T-1 AND T-2 FOR SIGN TYPES AND LEGEND.
4. TRANSITION FROM EXISTING SIGNALS TO SPAN WIRE SHALL OCCUR DURING OFF-PEAK HOURS. CONTACT C.O.A. TRAFFIC ENGINEERING 72 HRS. MIN. PRIOR TO REQUIRING SPAN WIRE.
5. BUSINESS ACCESS SIGNING NORTH OF WORK ZONE SHALL BE AS REQUIRED BY THE TRAFFIC ENGINEER.

GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

26 3527.916293

RECORD DRAWING

Date May 26, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for any errors or omissions therein.

APPROX. SCALE: 1"=50'

50/808213CD14/SG1ATHRE/1-21-92/SJH

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STAKED BY Contractor
ACCEPTANCE BY C.O.A. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

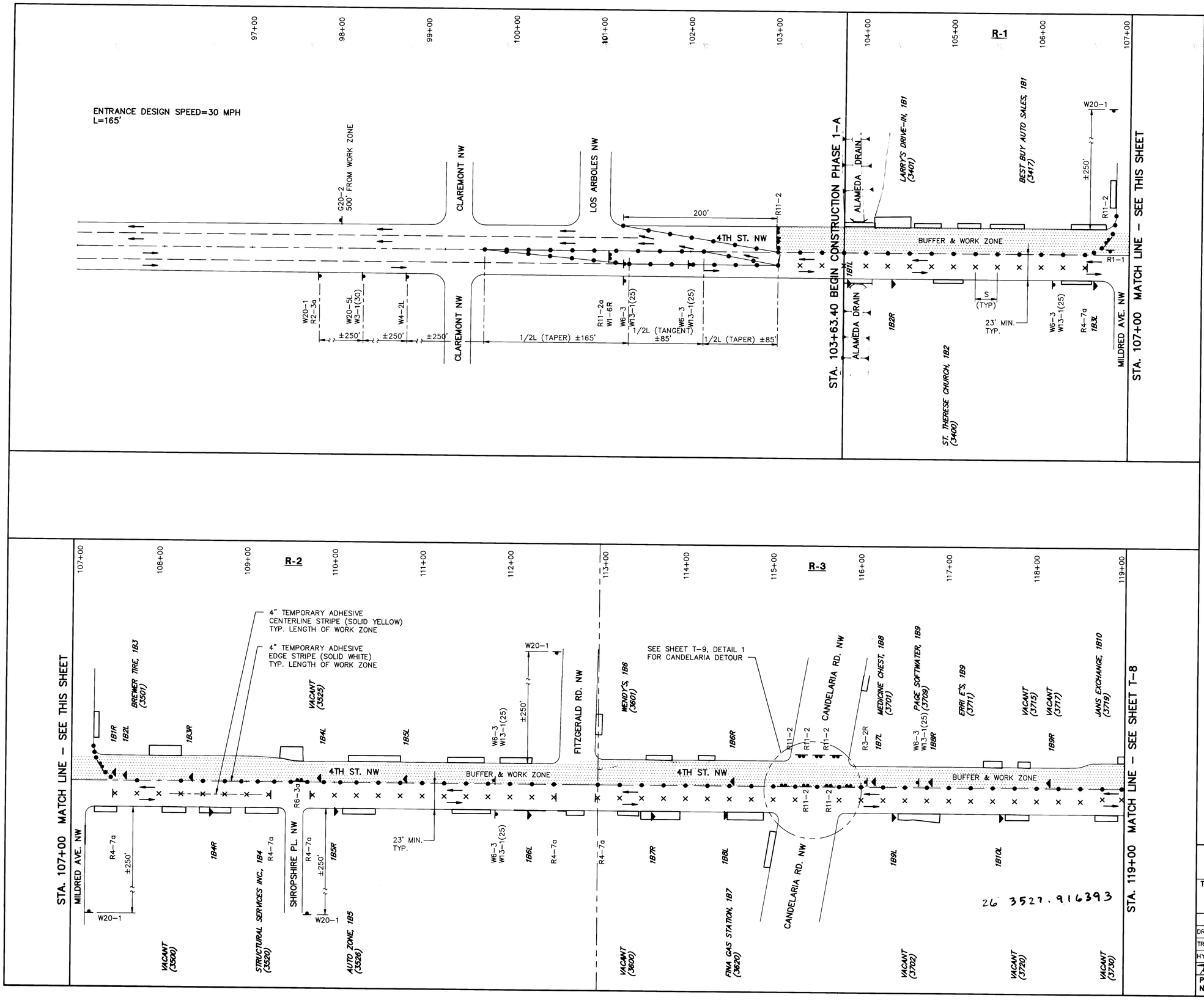
NO.	DATE	REMARKS / REVISIONS	BY
		DESIGN	
	1-29-92	DESIGNED BY	
	1-29-92	DRAWN BY	CD
	1-29-92	CHECKED BY	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 1-A AND CANDELARIA DETOUR
EAST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION	N/A	1-31-92	WASTE WATER		"
HYDROLOGY	N/A	1-31-92			
Const. Coord.		1-31-92			

PROJECT NO. 3527.91 | MAP NO. – | SHEET T-6 OF –



GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

RECORD DRAWING
Date May 26, 1993
These drawings have been rendered based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

APPROX. SCALE: 1"=50'

50/808153CD16/10NEWEST/1-21-92/SJH

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR M.C.C. Inc
WORK STAKED BY Contractor DATE
INSPECTION & ACCEPTANCE BY L.A.D. DATE
FIELD VERIFICATION BY DATE
MARKINGS CORRECTED BY C.K. Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

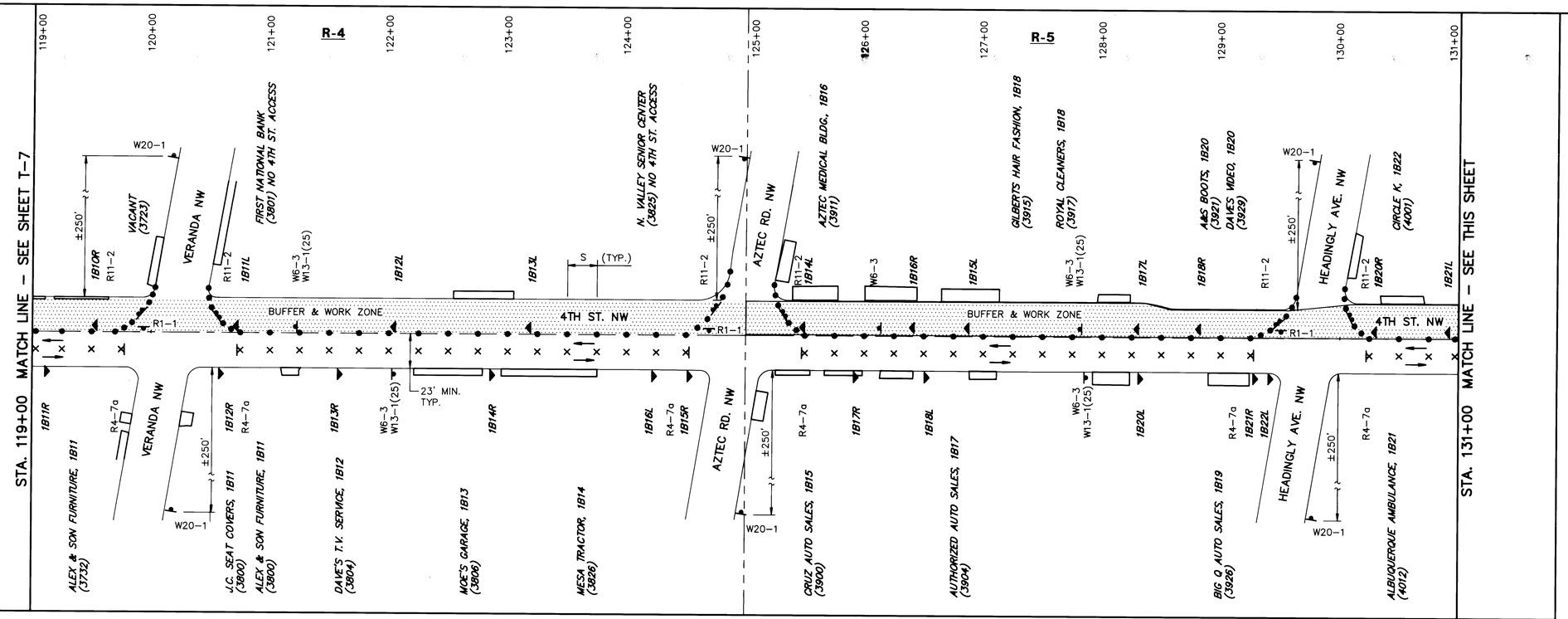
DESIGNED BY — DATE 1-29-92
DRAWN BY — DATE 1-29-92
CHECKED BY — DATE 1-29-92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 1-B
WEST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger D. Adam	1-7-92	WATER	[illegible]	1-31-92
TRANSPORTATION	N/A RHD	1-31-92	WASTE WATER	[illegible]	"
HYDROLOGY	N/A SAB	1-31-92			
R Rydal	Const Coor	1-31-92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-7 OF —



GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR ACC, Inc.
WORK STAKED BY Contractor DATE
INSPECTED BY C.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L.H. Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	
		DRAWN BY	
		CHECKED BY	

26 3527.916493

RECORD DRAWING

Date May 26, 1993

These drawings have been received based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the above document as a result thereof.

APPROX. SCALE: 1"=50'

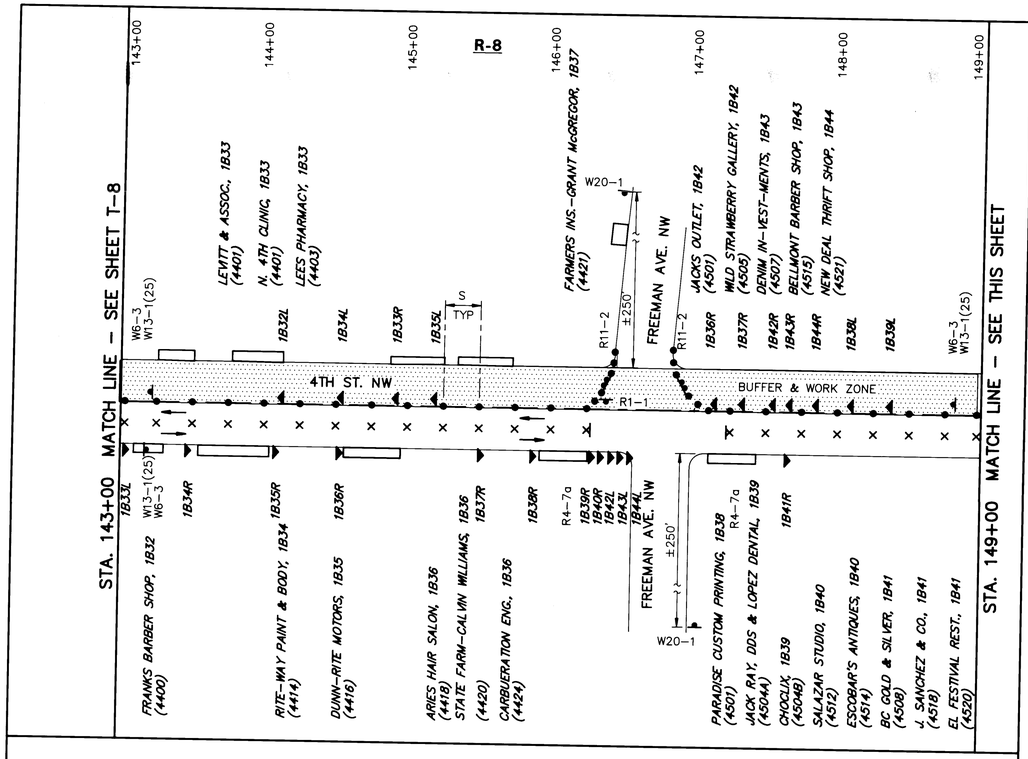
50/8081S3CD16/1TWOWEST/1-21-92/SJH

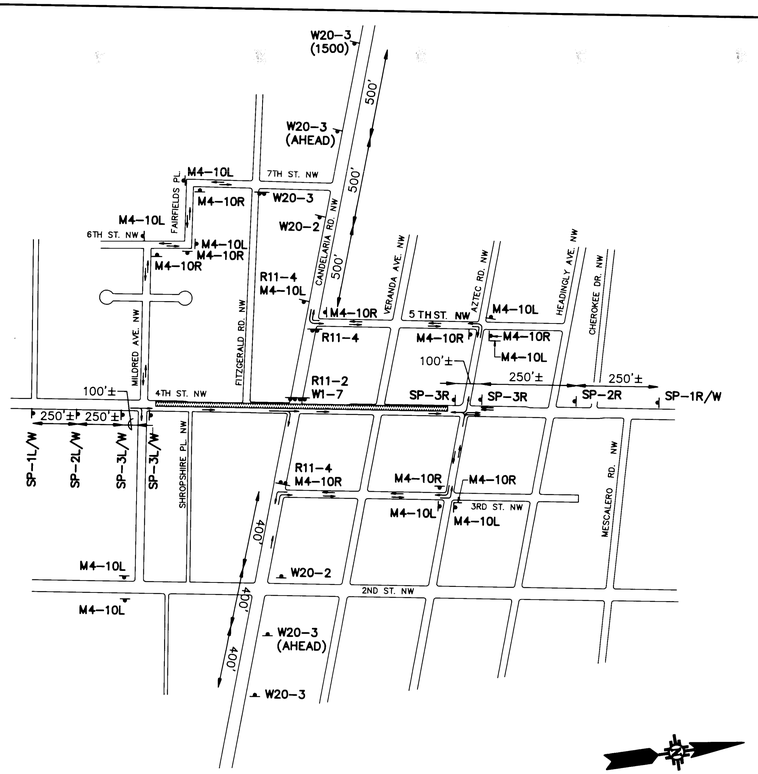
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 1-B
WEST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION	N/A CHD	1/31/92	WASTE WATER		"
HYDROLOGY	N/A SAB	1/31/92			
Const Cov		1/31/92			

PROJECT NO. 3527.91 MAP NO. — SHEET T-8 OF —





1 T-7 T-9 CANDELARIA RD. AND 4TH ST. DETOUR PLAN

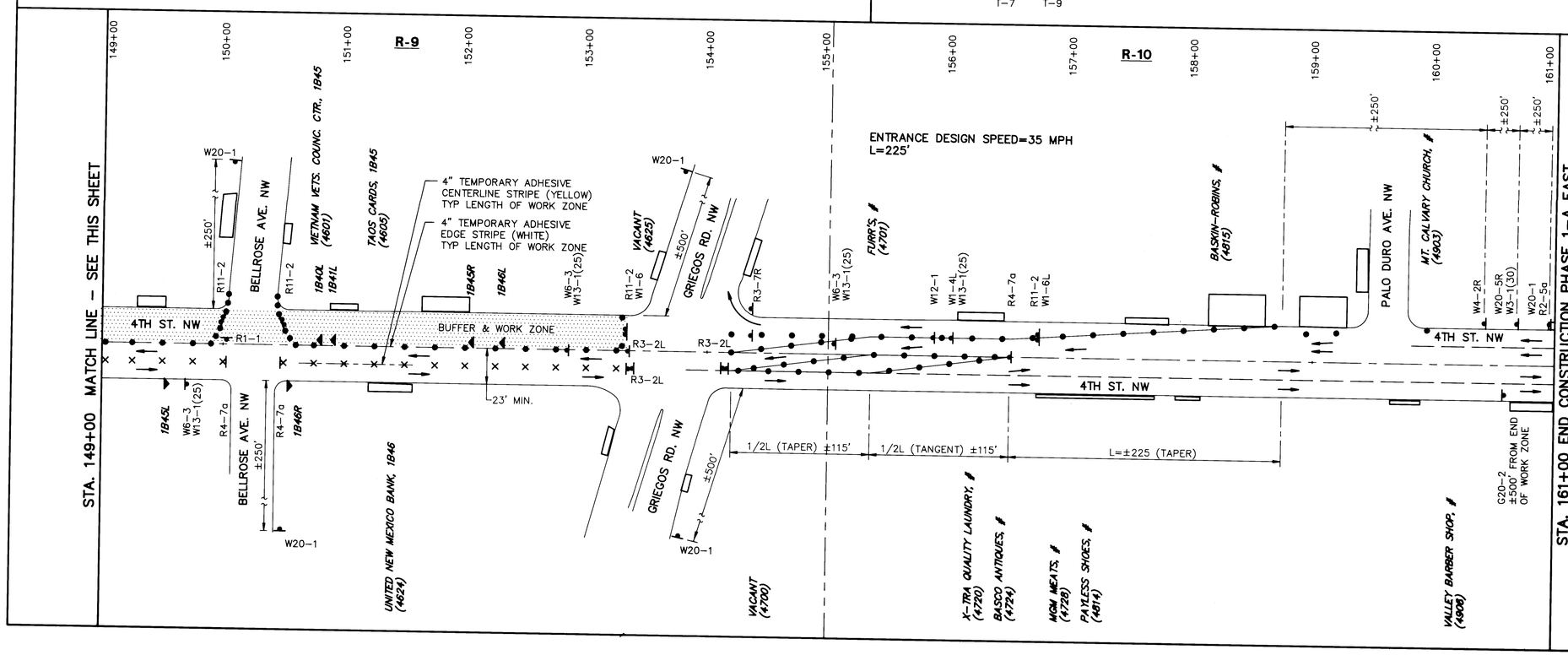
NOT TO SCALE

DETOUR NOTES

1. ALL DETOUR SIGNING SHALL BE IN CONFORMANCE WITH MUTCD
2. CONTRACTOR SHALL NOT WORK BEYOND AZTEC AVE. UNTIL CANDELARIA RD. AND 4TH ST. CONSTRUCTION IS COMPLETE AND RESURFACED.
3. SEE SHEETS T-1 AND T-2 FOR SIGN TYPES AND LEGEND.
4. TRANSITON FROM EXISTING SIGNALS TO SPAN WIRE SHALL OCCUR DURING OFF-PEAK HOURS. CONTRACT COA TRAFFIC ENGINEERING 72 HOURS MINIMUM PRIOR TO REQUIRING SPAN WIRE.

GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS
2. BUSINESS ACCESS SIGNING NORTH OF WORK ZONE SHALL BE AS REQUIRED BY THE TRAFFIC ENGINEER.



26 35 27. 916593

RECORD DRAWING

Date May 20, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be [illegible] reliable, the Engineer will [illegible] responsible for the accuracy of this information nor for errors or omissions which may appear in the [illegible] document as a result thereof.

APPROX. SCALE: 1"=50'

50/808153CD16/1TREWEST/1-21-92/SJH

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR M.C.C. Inc.
WORK STARTED BY Contractor DATE
INSPECTION'S ACCEPTANCE BY C.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWING CORRECTED BY L-H, Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 1-29-92
			DATE 1-29-92
			DATE 1-29-92

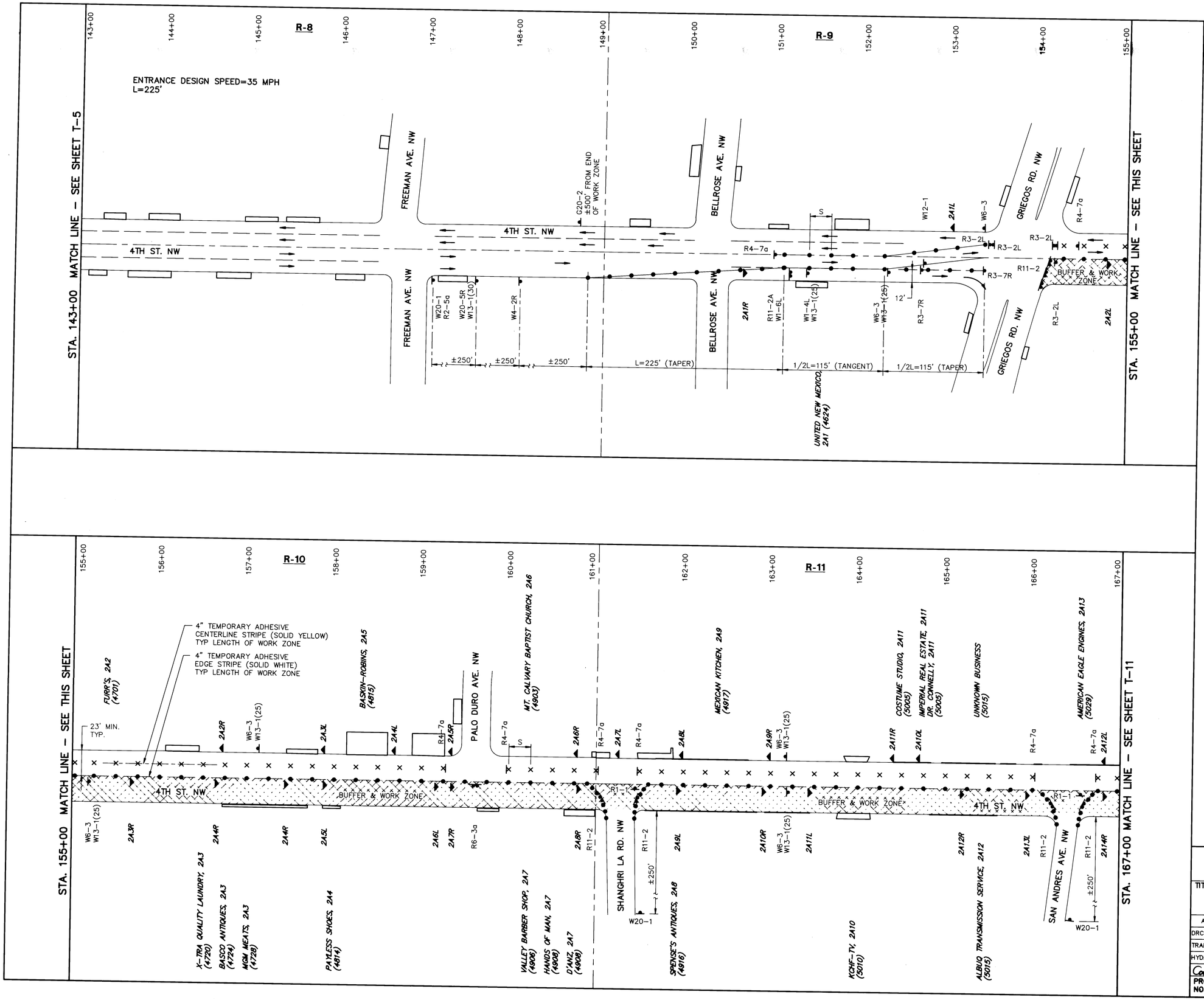
DESIGNED BY Bruce Sbe
DRAWN BY
CHECKED BY CAD

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 1-B AND CANDELARIA DETOUR
WEST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[illegible]	1-31-92	WATER	[illegible]	1-31-92
TRANSPORTATION	[illegible]	1-31-92	WASTE WATER	[illegible]	"
HYDROLOGY	N/A SAB	1-31-92			
Const. Engr.	[illegible]	1-31-92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-9 OF —



GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

26 3527.916693

RECORD DRAWING

Date May 26, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for error or omission which may appear in the above document as a result thereof.

APPROX. SCALE: 1"=50'

50/808153CD17/P2ONE/1-21-92/PDS

AS BUILT INFORMATION

CONTRACTOR MCC, Inc.
WORK STAKED BY Contractor DATE
INSPECTOR'S ACCEPTANCE BY LAO DATE
AS-BUILT VERIFICATION BY DATE
DRAWING CORRECTED BY L-H, Inc. DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY Dwisselman DATE 1-29-92
DRAWN BY DATE 1-29-92
CHECKED BY CD DATE 1-29-92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 2-A
EAST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Ronald Thom	1-31-92	WATER	KHD	1-31-92
TRANSPORTATION	N/A RHD	1-31-92	WASTE WATER	KHD	"
HYDROLOGY	N/A SAB	1-31-92			
Const. Control	KR Jul	1-31-92			

PROJECT NO. 3527.91 MAP NO. — SHEET T-10 OF —

GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION

CONTRACTOR: MCC, Inc

WORK STAKED BY	Contractor	DATE
WORK INSPECTED BY	LHO	DATE
FIELD LOCATION BY		DATE
DRAWINGS CORRECTED BY:	L.H. Inc.	DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	
		DRAWN BY	
		CHECKED BY	

DATE 1-29-92
DATE 1-29-92
DATE 1-29-92

26 3527.916793

RECORD DRAWING

Date May 26, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor any errors or omissions which may appear as a result thereof.

APPROX. SCALE: 1"=50'

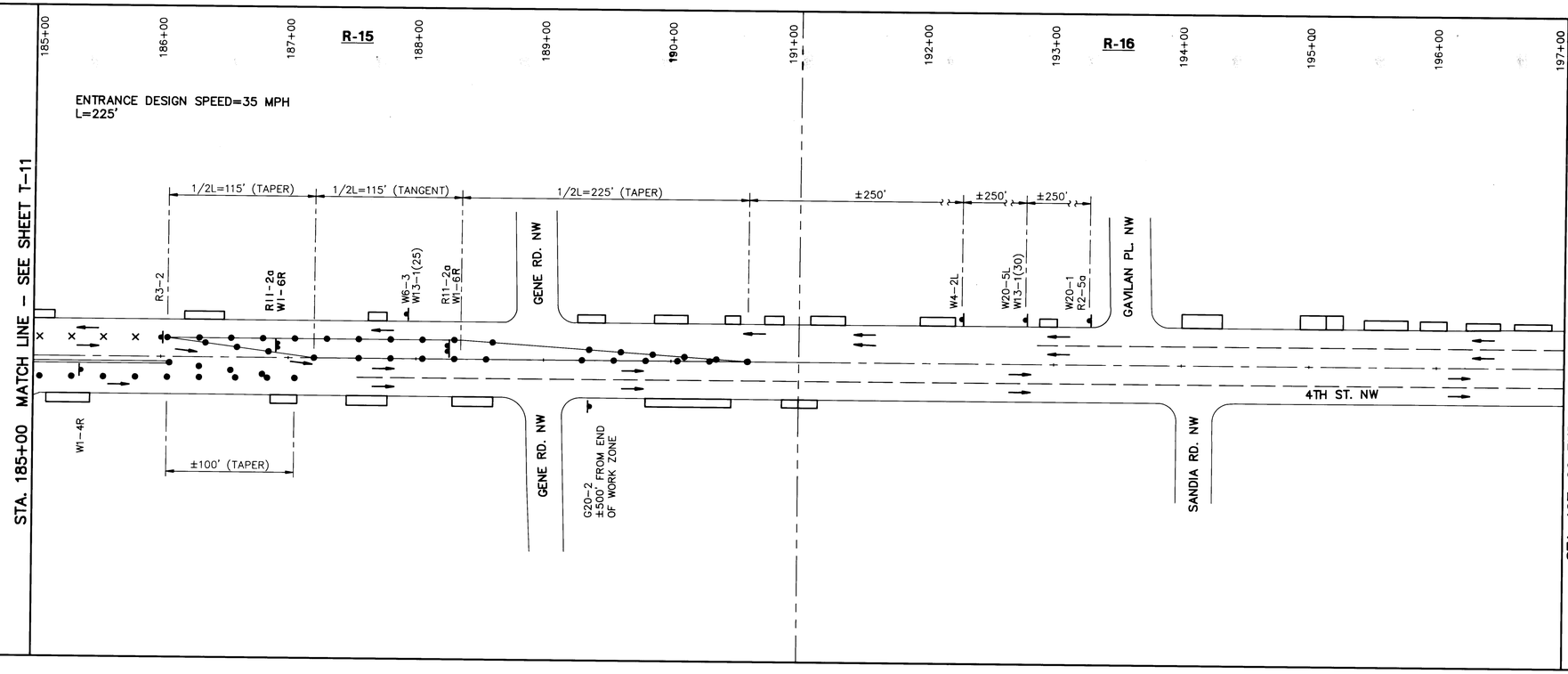
50/B08153CD17/P2TWO/1-21-92/PDS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 2-A
EAST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Roger A Hoon	1-31-92	WATER	[illegible]	1-31-92
TRANSPORTATION	N/A RHO	1.31.92	WASTE WATER	[illegible]	"
HYDROLOGY	N/A SAB	1.31.92			
Construction	R Rafael	1.31.92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-11 OF —



GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

RECORD DRAWING

Date May 26, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in these drawings as a result thereof.

APPROX. SCALE: 1"=50'

50/808153CD17/P2TRE/1-21-92/PDS

26 3527.916893

AS BUILT INFORMATION
CONTRACTOR Mac, Inc
WORK STAKED BY Contractor DATE
INSPECTION & ACCEPTANCE BY CIAO DATE
FIELD LOCATION BY DATE
DRAWINGS CORRECTED BY L-H, Inc. DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY Swisscher DATE 1-29-92
DRAWN BY DATE 1-29-92
CHECKED BY CD DATE 1-29-92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 2-A
EAST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	1-31-92	WATER	[signature]	1/31/92
TRANSPORTATION	[signature]	1/31/92	WASTE WATER	[signature]	"
HYDROLOGY	NA SAB	1/31/92			
Const Coor	[signature]	1-31-92			

PROJECT NO. 3527.91 | MAP NO. – | SHEET T-12 OF –

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	R-13	

STA. 173+00 MATCH LINE – SEE SHEET R-12

STA. 179+00 MATCH LINE – SEE SHEET R-14

STA. 173+00 TO STA. 173+83.95, LT. BUILD 6' SIDEWALK

STA. 173+09.78 TO STA. 173+63.84, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 173+12.05 TO STA. 173+35.14, LT. BUILD CURB & GUTTER

STA. 173+63.84 TO STA. 173+90.84, RT. BUILD LAYDOWN CURB, REMOVE AND REPLACE 3' OF DRIVEPAD

STA. 173+83.95, 29.52'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 173+90.84 TO STA. 174+22.00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 173+95, RT. SPOT REPAIR 6'± SIDEWALK L=4'

STA. 174+34.00, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 174+46.00 TO STA. 175+38.45, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 174+50.50, 29.62'LT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 174+50.50 TO STA. 174+93.00, LT. BUILD CURB & GUTTER WITH 6' SIDEWALK

STA. 175+05.00, LT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 175+38.45, 27.78'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 176+01.04, 28.23'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 176+01.04 TO STA. 176+91.00, RT. BUILD CURB & GUTTER WITH 3' AC REPLACEMENT

STA. 176+31.00 TO STA. 176+82.00, LT. BUILD 6' SIDEWALK AND CURB & GUTTER

STA. 176+88.00, LT. BUILD 1–12' DRIVEPAD WITH LAYDOWN CURB

STA. 177+03.00, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 177+15.00 TO STA. 177+44.00, RT. BUILD CURB & GUTTER WITH 3' AC REPLACEMENT

STA. 177+56.00, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 177+68.00 TO STA. 178+02.50, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 178+14.50, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 178+26.50 TO STA. 178+72.00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 178+84.00, RT. BUILD 1–24' DRIVEPAD WITH LAYDOWN CURB

STA. 178+96 TO STA. 179+00, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

GATE AND PILASTERS TO REMAIN

REMOVE WALL AND PILASTERS

MATCH EXISTING

DOUGLAS MACARTHUR RD. N.W.

BERRY RD. N.W.

4 TH ST. N.W.

NATALIE AVE. N.W.

32' F-F TYP

58' F-F TYPICAL

Also installed 2 Tree Grates at Powerlite

STA. 173+09.78 CONNECT TO EXISTING CURB

STA. 173+41.99 FOC 28.41' RT.

STA. 173+00.00 TO STA. 179+00.00 REMOVE EXISTING PAVEMENT

STA. 173+00 TO STA. 174+00± REMOVE EXISTING ABODE WALL AND PILASTERS. DO NOT REMOVE GATE OR GATE PILASTERS

℄ CONSTRUCTION

STA. 176+25 TO STA. 176+71±, 36'LT. REMOVE BULLARDS AND REPAIR ASPHALT. MATCH EXISTING

Installed 6' Sidewalk

Widen Drive Pad 2'± at McDonalds

PT	FL
1	71.79
2	71.85
3	71.90
4	71.92
5	71.94

PT	FL
1	72.02
2	71.90
3	71.95
4	71.92
5	71.89

PT	FL
1	72.24
2	72.15
3	72.06
4	71.96
5	71.87

PT	FL
1	72.05
2	72.11
3	72.17
4	72.22
5	72.28

NOTES

1. SEE SHEET SD-13 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U-13 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE, TOP OF CURB – LT. +0.3609%

EXIST. TOP OF CURB – LT.

+0.3285%

PROFILE GRADE ℄ CONSTRUCTION

+0.0800% +0.1000% +0.2850% +0.2700%

EXIST. GRADE AT ℄ 4th STREET

EXIST. TOP OF CURB – RT.

+0.1749%

PROFILE GRADE, TOP OF CURB – RT.

+0.1708%

RECORD DRAWING
Date MAY 26, 1993
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26 3527.91 2493

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	R-13

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NM	MAP 2351(901)	R-14	

STA. 179+00 MATCH LINE – SEE SHEET R-13

STA. 179+00 TO STA. 179+13.47, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK INFILL

STA 179+13.47, 27.79'RT. BUILD WHEELCHAIR RAMP (VARIABLE WIDTH) AND CURB & GUTTER (CURB RETURN)

STA. 179+30 TO STA. 179+45 LT. BUILD 6' SIDEWALK (BEHIND INLET)

STA. 179+55.02, 37.95' TO 70'RT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT.

STA. 179+55.75, 76'RT. TO 88'RT. REPLACE SIDEWALK MATCH EXISTING

STA. 179+65, 27.89'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

BTA. 179+65 TO STA. 179+80 RT. BUILD 7' SIDEWALK (BEHIND INLET)

STA. 179+65 TO STA. 180+17.19, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

BTA. 179+85'LT. BUILD 24' DRIVEPAD WITH LAYDOWN CURB

STA. 179+97 TO STA. 181+50, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK / DRIVEPAD REPLACEMENT

STA. 180+17.19 TO STA. 180+39.74, RT. BUILD LAYDOWN CURB, REMOVE 2' AND REPLACE 3' OF DRIVEPAD

STA. 180+39.74 TO STA. 180+58.78, RT BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 180+58.78 TO STA. 180+85.75, RT BUILD LAYDOWN CURB, REMOVE 2' AND REPLACE 3' OF DRIVEPAD

STA. 180+85.75 TO STA. 181+14.22, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 181+14.22 TO STA. 181+41.92, RT. BUILD LAYDOWN CURB, REMOVE AND REPLACE 3' OF DRIVEPAD

STA. 181+41.92 TO STA. 181+51.44, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 181+51.44, 27.84'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 181+51.44 TO STA. 182+03.07, RT. BUILD VALLEY GUTTER.

STA. 181+68, LT. BUILD 1–36' DRIVEPAD WITH LAYDOWN CURB

STA. 181+86 TO STA. 181+95, LT. BUILD CURB & GUTTER WITH 1' SIDEWALK REPLACEMENT

STA. 181+95 TO STA. 182+16, LT. BUILD 6' SIDEWALK AND CURB & GUTTER.

STA. 182+03.07, 27.81'RT. BUILD 6' WHEELCHAIR RAMP AND CURB & GUTTER (CURB RETURN)

STA. 182+03.07 TO STA. 182+04.33, RT BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 182+04.33 TO STA. 182+39.14, RT. BUILD LAYDOWN CURB, REMOVE AND REPLACE 3' OF DRIVEPAD

STA. 182+28, LT. BUILD 24' DRIVEPAD WITH LAYDOWN CURB.

STA. 182+39.14 TO STA. 182+65, RT. BUILD CURB & GUTTER WITH 1' SIDEWALK

STA. 182+40.00 TO STA. 182+50.73, LT. BUILD 6' SIDEWALK

STA. 182+65.00 TO STA. 182+89.07, RT BUILD LAYDOWN CURB, REMOVE AND REPLACE 3' OF DRIVEPAD

4 TH ST. N.W.

℄ CONSTRUCTION

MATCH EXISTING

EOP STA. 182+93

MONTANO RD. NW

HENDRIX RD. N.W.

SANCHEZ RD. N.W.

R=10.5'

R=10'

R=14.5'

R=14'

58' F-F TYPICAL

32' F-F TYPICAL

24' F-F TYPICAL

FL=73.67
FL=73.75

① PNT	FL
1	72.81
2	72.79
3	72.76
4	72.73
5	72.71

② PNT	FL
1	72.88
2	72.91
3	72.95
4	72.98
5	73.02

③ PNT	FL
1	73.63
2	73.55
3	73.47
4	73.39
5	73.31

④ PNT	FL
1	73.67
2	73.72
3	73.77
4	73.78
5	73.79

NOTES

1. SEE SHEET SD–14 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET U–14 FOR UTILITY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

EXIST. TOP OF CURB – LT.

PROFILE GRADE, TOP OF CURB – LT.

+0.2331% −0.2126% +0.2222%

PROFILE GRADE ℄ CONSTRUCTION

+0.2650% +0.0393%

EXIST. GRADE AT ℄ 4th STREET

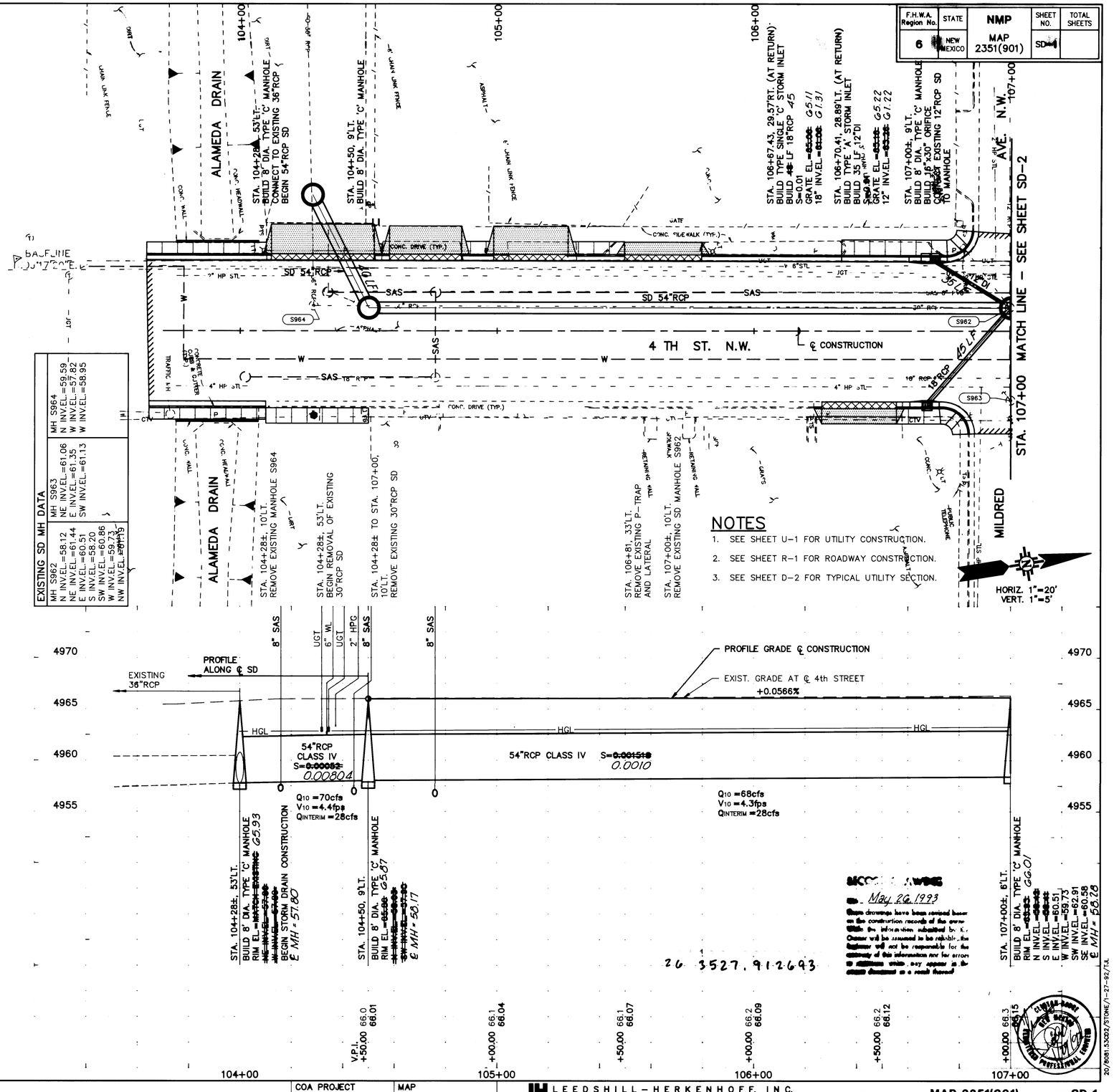
+0.1708% +0.3647% +0.2957% +0.1277% +0.1214%

PROFILE GRADE, TOP OF CURB – RT.

| | | |

GENERAL STORM DRAIN NOTES

1. INLET STATIONS ARE TO THE CENTER OF THE INLET GRATE AT THE FACE OF CURB EXTENDED.
2. CONTRACTOR IS TO EXCAVATE POTENTIAL INLET LINE CONFLICTS PRIOR TO CONSTRUCTION OF INLET. INLET INVERT ELEVATIONS AND PIPE LOCATIONS ARE TO BE FIELD ADJUSTED TO AVOID UTITITY CONFLICTS. 18" RCP INLET LINES ARE TO BE USED WHEREVER POSSIBLE. INLET LINES AS SMALL AS 10" DI CAN BE USED IF NECESSARY TO AVOID CONFLICTS.
3. ORIFICE PLATE DETAILS ARE SHOWN ON SHEET D-4.
4. FIELD SPLICE AND INLET JUNCTION STRUCTURE DETAILS ARE IN THE SPECIFICATIONS.
5. CONTRACTOR IS TO EXCAVATE POTENTIAL STORM DRAIN MAIN LINE CONFLICTS PRIOR TO CONSTRUCTION OF STORM DRAIN.
6. PLASTIC PIPE MEETING THE TECHNICAL SPECIFICATIONS CAN BE SUBSTITUTED FOR 18"RCP INLET LINES.
7. SEE SHEET G-5 FOR ADDITIONAL NOTES.



COA PROJECT NO. 3527.91	MAP NO. G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	N.M. PROJECT NO. MAP-2351(901)	SHEET SD-1

20/8081.53D02/STONE/1-27-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-2	

EXISTING SD MH DATA		
MH S861 DATA UNAVAILABLE	MH S863 N INV.EL.=58.43 S INV.EL.=58.37	MH S962 N INV.EL.=58.12 NE INV.EL.=61.44 E INV.EL.=60.51 S INV.EL.=58.20
	SW INV.EL.=60.86 W INV.EL.=59.73	MH S963 NE INV.EL.=61.06 E INV.EL.=61.35 SW INV.EL.=61.13

STA. 107+00 MATCH LINE – SEE SHEET SD-1

STA. 113+00 MATCH LINE – SEE SHEET SD-3

MILDRED AVE. N.W.

FITZGERALD RD. N.W.

4 TH ST. N.W.

SHROPSHIRE PL. N.W.

BASELINE

STA. 107+00± 9'LT. BUILD 8' DIA. TYPE 'C' MANHOLE BUILD 16"x30" ORIFICE, SEE SHEET D-4

STA. 107+00± 9'LT. CONNECT EXISTING 12" RCP STORM DRAIN TO MANHOLE

STA. 107+29.44, 29.70'RT. (AT RETURN) BUILD TYPE 'A' STORM INLET BUILD 45 LF 18" RCP ~~BUILD #~~ LF 12"DI GRATE EL.=~~[illegible]~~ G5.12 18" INV.EL.=~~[illegible]~~ G2.32

STA. 107+39.44, 29.04'LT. (AT RETURN) BUILD TYPE 'A' STORM INLET BUILD ~~#~~ LF 12"DI 16 LF GRATE EL.=~~[illegible]~~ G5.19 12" INV.EL.=~~[illegible]~~ G1.24

Stb. 1101291 Added 20LF 12" D.I.P. Stubout (Brown Property)

STA. 112+71, 9'LT. BUILD 8' DIA. TYPE 'C' MANHOLE CONNECT TO EXISTING 18" RCP STORM DRAIN

Added Inlet Junction Structure

SD 54"RCP

SD 12"DI

SD 18"RCP

SAS

S861 S862 S863 S963

CONC. DRIVE (TYP.)

CONC. SIDEWALK (TYP.)

CONC. CURB & GUTTER

ASPHALT

CONSTRUCTION

STA. 107+00 TO STA. 113+00, 10'LT. REMOVE EXISTING 30" STORM DRAIN

STA. 107+19, 33'RT. REMOVE EXISTING P-TRAP AND LATERAL. PLUG MANHOLE.

STA. 107+29, 33'LT. REMOVE EXISTING P-TRAP AND LATERAL

STA. 108+71.42, 10'LT. REMOVE EXISTING STORM DRAIN MANHOLE S863

STA. 112+71, 10'LT. REMOVE EXISTING MANHOLE

NOTES

1. SEE SHEET U-2 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-2 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

EXISTING GRADE AT ℄ 4th STREET

PROFILE GRADE ℄ CONSTRUCTION

+0.0566%

+0.1285%

−0.1200%

HGL

UGT

6" WL

571'

54"RCP CLASS IV S=~~0.001518~~ 0.0014185

54"RCP CLASS IV ~~S=0.001~~

Q_{10} =63cfs
V_{10} =4.0fps
$Q_{INTERIM}$ =20cfs

E MH-59.19
STA. 112+71, 61'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM EL.=~~[illegible]~~ 66.19
~~[illegible]~~

26 3527.91 2793

RECORD DRAWING
May 26, 1993

| | | |

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-3	

EXISTING SD MH DATA	
MH S762	MH S762A
RIM EL.=UNKN.	RIM EL.=UNKN.

STA. 113+00 MATCH LINE – SEE SHEET SD-2

STA. 119+00 MATCH LINE – SEE SHEET SD-4

STA. 113+10.89, 29.04'LT. (AT RETURN)
BUILD ~~24'x14'~~ STORM INLET *Double "C"*
BUILD ~~40~~ LF 12"DI *17 LF*
S=0.010
GRATE EL.=~~65.31~~ *65.41*
12" INV.EL.=~~63.16~~ *62.98*

STA. 114+42.00, 35.36'RT.
BUILD TYPE SINGLE "C" STORM INLET
BUILD *35* LF 18"RCP
S=-0.035
GRATE EL.=~~65.24~~ *65.68*
18" INV.EL.=~~63.06~~ *63.33*

STA. 114+42.00, 9'LT.
BUILD 18"x54" INLET JUNCTION STRUCTURE

STA. 115+36, 9'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE

Existing 6" PVC

45° Bend
22½° Bend
90° Bend

10 LF 6" PVC

STA. 115+53, 10'LT.
LOWER 10" WATERLINE
SEE SHEET D-4

STA. 115+36 TO STA. 115+90, RT.
BUILD ~~48"RCP~~ ~~INLET~~ *12" O.I.P 75 LF*
S=0.005 ~~EXISTING INLET~~ *Remove & Built Single "C" Inlet*
Grate El.=65.56 12" Inv El.=63.51

STA. 116+00, LT.
BUILD 12'DI ~~INLET~~ LINE FROM EXISTING
INLET TO 48" SD
BUILD 12'x48" INLET JUNCTION STRUCTURE
Remove & Replaced 01-Built Single "C"
Inlet-Grate El.=65.53 12" Inv El.=63.43

RD. N.W.

PAVILION COURT

SAS SD 54"RCP

SD 12"DI

SD 48"RCP

SD 48"RCP

S762A

S762

Added Inlet Junction Structure

~~EXIST. INLET TO REMAIN~~

℄ CONSTRUCTION

4 TH ST. N.W.

SD 18"RCP

35 LF

12" O.I.P 75 LF

CANDELARIA

CONC. DRIVE (TYP.)

CONC. SIDEWALK (TYP.)

PLANTER

CONC. TILE WALK (TYP.)

CONC. SIDEWALK (TYP.)

CTV

CONC. DRIVE (TYP.)

4" HP STL

RR TIES WITH LANDSCAPING

STA. 114+91, RT.
REMOVE EXIST. INLET
REMOVE EXIST. INLET LINE

STA. 114+99, LT.
REMOVE EXIST. INLET
REMOVE EXIST. INLET LINE

STA. 115+36, 10'LT.
REMOVE EXISTING MANHOLE

STA. 115+53, 10'LT.
REMOVE EXISTING MANHOLE

STA. 113+00 TO STA. 119+00
REMOVE EXIST. 30" STORM DRAIN

STA. 115+63 TO STA. 116+00,
RT. AND LT.
REMOVE EXISTING INLET LINES

NOTES

1. SEE SHEET U-3 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-3 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

+0.0240%

+0.0481%

HGL

SD 18"RCP
SAS 8"CP
10" WL
2" GAS HP STL
6" UGT

265' 54"RCP CLASS IV S=~~0.001~~ *0.00158*

481' 48"RCP CLASS IV S=0.001

Q_{10} =56cfs
V_{10} =3.5fps
$Q_{INTERIM}$ =16cfs

Q_{10} =48cfs
V_{10} =3.8fps
$Q_{INTERIM}$ =16cfs

STA. 114+42, 6'LT.
BUILD INLET JUNCTION STRUCTURE
18" INV.EL.=60.95
54" INV.EL.=59.45

STA. 115+36, 9'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM EL.=~~65.24~~
N INV.EL.=~~63.06~~
S INV.EL.=~~63.06~~
E INV.EL.=UNKNOWN
W INV.EL.=UNKNOWN
NE INV.EL.=UNKNOWN
E MH= 59.61

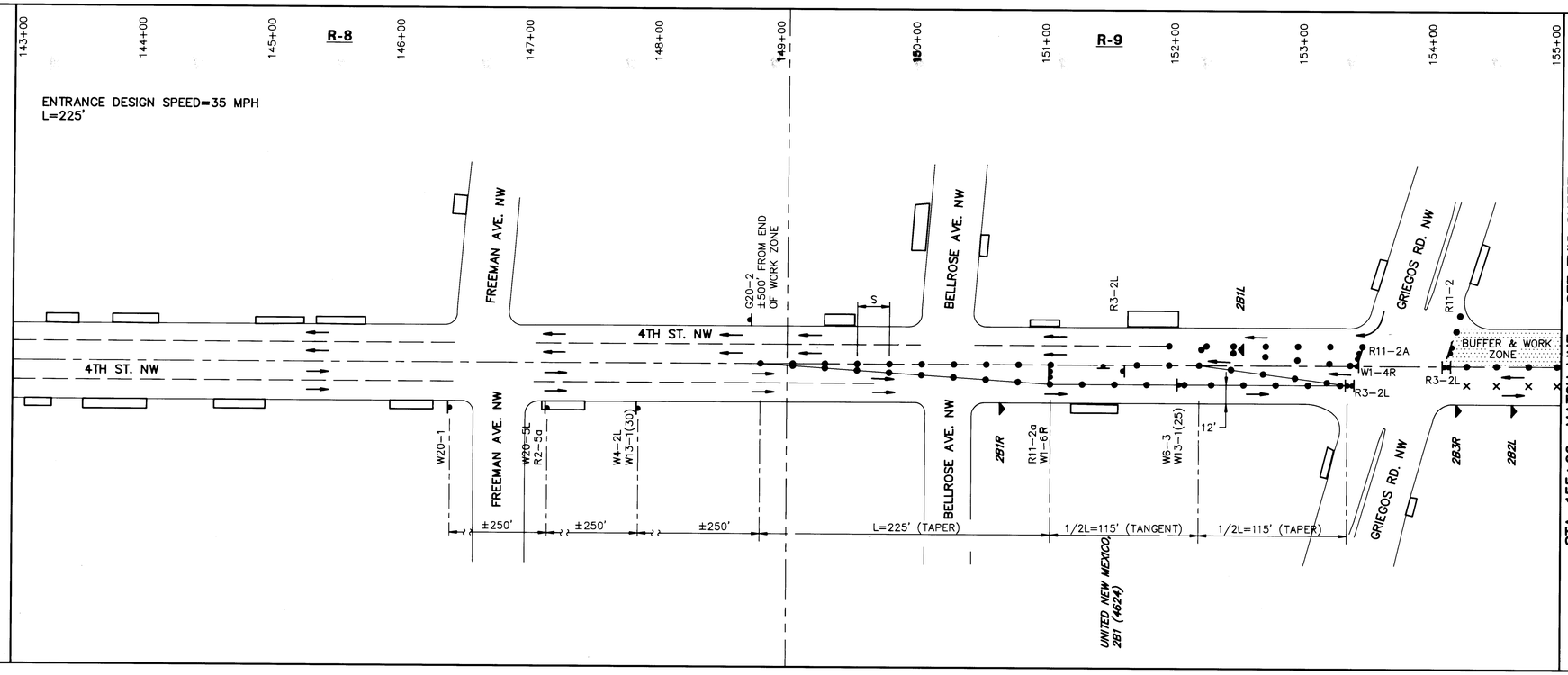
STA. 116+00, 6'LT.
BUILD INLET JUNCTION STRUCTURE

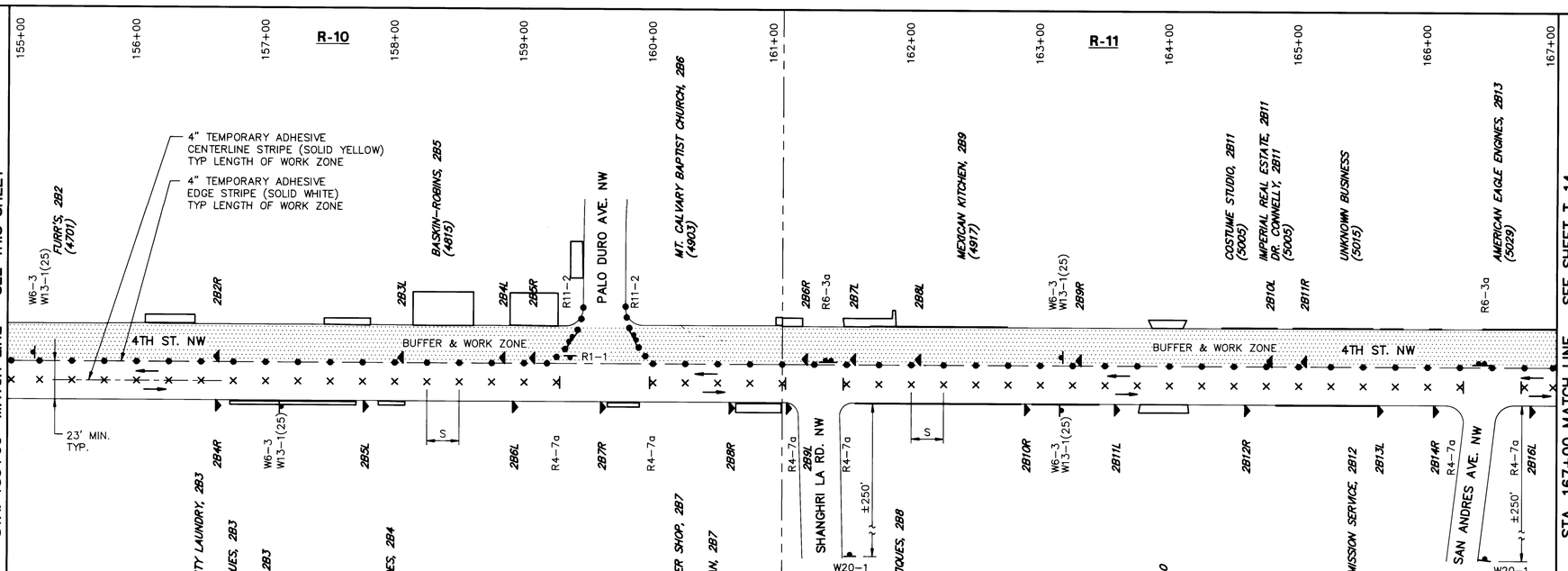
RECORD DRAWING
May 26, 1993

26 3527.91 28.93

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-3

20/8081530J2/STHREE/1-24-92/TJL





GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STAKED BY Contractor DATE
INSPECTED BY C.A.O. DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY C-H, Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

26 3527.916993

RECORD DRAWING
Date May 26, 1993
These drawings have been revised base... in the construction records of the owne... Whil... ...ed by th... Owner ... able, th... Engine... ...for th... accuracy of this ... ...sion nor for error or omissions which may appear in th... record document as a result thereof.

APPROX. SCALE: 1"=50'

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY [illegible] DATE 1-29-92
DRAWN BY DATE 1-29-92
CHECKED BY DATE 1-29-92

50/808153CD17/P2-1WEST/1-21-92/PCS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 2-B
WEST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[illegible]	1-31-92	WATER	[illegible]	1-31-92
TRANSPORTATION	[illegible]	1-31-92	WASTE WATER	[illegible]	"
HYDROLOGY	N/A SAB	1-31-92			
Construction	[illegible]	1-31-92			

PROJECT NO. 3527.91
MAP NO. —
SHEET T-13 OF —

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	2351(901)	SD-4	

EXISTING SD MH DATA			
MH S671	S INV.EL.=59.84	MH S672	MH S573
N INV.EL.=58.85	SW INV.EL.=62.18	NE INV.EL.=61.41	N INV.EL.=60.27
NE INV.EL.=62.72	W INV.EL.=62.31	SE INV.EL.=61.49	NE INV.EL.=62.98
E INV.EL.=60.94	NW INV.EL.=62.55	W INV.EL.=61.06	E INV.EL.=62.22
SE INV.EL.=62.63			SE INV.EL.=63.07

MH S573	S INV.EL.=60.28	MH S574
N INV.EL.=60.27	SW INV.EL.=63.17	NE INV.EL.=62.12
NE INV.EL.=62.98	W INV.EL.=61.30	E INV.EL.=62.04
E INV.EL.=62.22	NW INV.EL.=61.30	W INV.EL.=61.91
SE INV.EL.=63.07		

STA. 119+00 MATCH LINE – SEE SHEET SD-3

STA. 125+00 MATCH LINE – SEE SHEET SD-5

STA. 119+75.56, 29.43'RT.
BUILD TYPE 'A' STORM INLET
BUILD ~~33 LF 18"RCP~~ 55 LF 12" D.I.P.
S=0.005
GRATE EL. ~~6016~~ 6015.24
12~~"~~ INV.EL. ~~6006~~ 6002.84

STA. 119+87.64, 28.98'LT.
BUILD TYPE 'A' STORM INLET
BUILD ~~18 LF 10"~~ 32 LF 10" D.I.P.
S=0.001
GRATE EL. ~~6016~~ 6015.75
12" INV.EL. ~~6006~~ 6003.30

INLET TO REMAIN

STA. 120+17, 9'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
BUILD 27"x30" ORIFICE

STA. 120+20 CONCRETE ENCASE EXISTING SAS & EACH SIDE OF STORM DRAIN PRIOR TO STORM DRAIN INSTALLATION. VERIFY CLEARANCE.

STA. 123+88, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
CONNECT 12"DI TO INLET

STA. 123+88, 53.50'LT.
BUILD TYPE SINGLE 'D' INLET WITH 2' CONCRETE APRON
BUILD ~~48~~ 40 LF 12"DI
S=0.01
GRATE EL. ~~6016~~ 6016.36
12" INV.EL. ~~6006~~ 6004.76

STA. 124+92, 9'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
CONNECT TO EXISTING 12" SD EAST AND WEST
BUILD 16"x26" ORIFICE

AT INTERSECTION OF THIRD ST. AND AZTEC PLUG WEST 12"RCP ~~6016.60~~ MH S671

STA. 124+98 CONCRETE ENCASE EXISTING SAS & EACH SIDE OF STORM DRAIN PRIOR TO STORM DRAIN INSTALLATION. VERIFY CLEARANCE.

AVE. N.W.

4 TH ST. N.W.

AZTEC RD. N.W.

VERANDA

BASELINE

CONSTRUCTION

PLUG PIPE

SD 48"RCP

SD 30"RCP

SD 10"DI

SD 12"DI

SD 18"RCP

55 LF 12"D.I.P.

371' 48"RCP GLASS IV S=0.001

STA. 119+88, 32'RT.
REMOVE EXISTING P-TRAP AND LATERAL. PLUG MANHOLE.

STA. 119+98, 32'LT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 120+15, 10'LT.
REMOVE EXISTING MH S671

STA. 120+31, 21'RT.
REMOVE EXISTING P-TRAP AND LATERAL. PLUG MANHOLE.

STA. 119+00 TO STA. 125+00, 10'LT.
REMOVE EXISTING 30" RCP

STA. 124+89, 21'RT.
REMOVE EXISTING MH S574

STA. 124+90±, 10'LT. TO 35'RT.
REMOVE EXISTING 12"RCP SD
PLUG 12"RCP

STA. 124+93, 10'LT.
REMOVE EXISTING MH S573

STA. 124+93, 22'RT.
PLUG EXISTING LATERAL TO P-TRAP AT MH

NOTES

1. SEE SHEET U-4 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-4 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

15" RCP SD
8" PVC SAS
6" WL
6" WL LOWERED
12" RCP SD
8" PVC SAS

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

HGL

48"RCP CLASS IV S=0.001

10" WL

-0.1067%

+0.3222%

+0.2395%

Q_{10} =48cfs
V_{10} =3.9fps
$Q_{INTERIM}$ =16cfs

Q_{10} =46cfs
V_{10} =3.7fps
$Q_{INTERIM}$ =14cfs

STA. 120+17, 9'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM EL. ~~6016.10~~ 6016.57
~~INVE. 59.84~~
~~INVE. 59.84~~
SW INV.EL.=63.43
SE INV.EL.=61.91
NW INV.EL.=62.55
E INV.EL.=60.94
E MH- GO.00

V.P.I. NO V.C.
+00.00 66.5 66.68
+50.00 66.5 66.63
+00.00 66.6 66.57
+50.00 66.6 66.52
+00.00 66.6 66.68
+50.00 66.7 66.84
+00.00 66.8 67.00
+50.00 66.8 67.17
+00.00 66.9 67.33
V.P.I. NO V.C.
+20.00 66.9 67.39
+50.00 67.1 67.46
+00.00 67.3 67.58
+50.00 67.5 67.70
+00.00 67.7 67.82

STA. 123+88, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM EL. ~~6016.10~~ 67.47
~~INVE. 60.10~~
~~INVE. 60.10~~
W INV.EL.=64.18
E MH- GO.37
E MH- G1.47

STA. 124+92, 9'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM EL. ~~6016.60~~ 67.75
~~INVE. 60.60~~
~~INVE. 60.60~~
E INV.EL.=62.22
W INV.EL.=61.30
NE INV.EL.=61.14
NW INV.EL.=64.31
NW MH- GO.50
~~INVE. 60.54~~

4970
4965
4960
4955

119+00 120+00 121+00 122+00 123+00 124+00 125+00

RECORD DRAWING
May 26, 1993
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26 3527.9 12 93

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-4

20/ROB1S3D2A/ATFOUR/1-24-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-5	

EXISTING SD MH DATA	
MH S473	E INV.EL=62.67
N INV.EL=60.86	SE INV.EL=63.86
N INV.EL=64.16	SW INV.EL=63.73
NE INV.EL=63.69	NW INV.EL=63.79
MH S572	
N INV.EL=60.83	
S INV.EL=60.73	
W INV.EL=61.97	

STA. 125+00 MATCH LINE – SEE SHEET SD-4

STA. 131+00 MATCH LINE – SEE SHEET SD-6

AZTEC

4 TH ST. N.W.

℄ CONSTRUCTION

HEADINGLY AVE. N.W.

SD 48"RCP

SAS 15"RCP

SAS 12"

SAS 8"PVC

SD 30"RCP

S572

S473

STA. 125+00 TO STA. 131+00, 10'LT.
REMOVE EXISTING 30"RCP

STA. 125+13.00, 33'RT.
REMOVE EXISTING P-TRAP
AND LATERAL

STA. 125+25.00, 33'LT.
REMOVE EXISTING P-TRAP
AND LATERAL

STA. 125+25.36, 29.66'RT.
BUILD TYPE 'A' STORM INLET
BUILD ~~60 LF 18"RCP~~ 49 LF-12"DIP
S=0.005
GRATE EL.=~~68.33~~ 66.06
12~~48~~ INV.EL=~~61.18~~ 63.21

STA. 125+44.17, 30.04'LT.
BUILD TYPE 'A' STORM INLET
BUILD ~~64 LF~~ 12"DI 17 LF
S=0.001
GRATE EL.=~~68.38~~ 66.97
12" INV.EL=~~66.07~~ 64.27

STA. 128+93.00, LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
CONNECT TO EXISTING INLET LINE

STA. 129+74.00 91'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
CONNECT TO EXISTING 12" SD

STA. 129+80 CONCRETE ENCASE EXISTING
SAS 8" EACH SIDE OF STORM DRAIN PRIOR
TO STORM DRAIN INSTALLATION. VERIFY
CLEARANCE.

STA. 128+93.00, 10'LT.
REMOVE EXISTING MANHOLE S572

STA. 129+76.00, 10'LT.
REMOVE EXISTING MANHOLE S473

STA. 129+76.00
REMOVE EXISTING ABANDONED
LATERAL FROM MANHOLE S473

STA. 130+08.00, 30'LT.
REMOVE EXISTING P-TRAP
AND LATERAL

NOTES

1. SEE SHEET U-5 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-5 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

EXIST. GRADE AT ℄ 4th STREET
+0.2395%
PROFILE GRADE ℄ CONSTRUCTION
+0.2120%
-0.1500%
HGL
WL 6"
SD 12"
SAS 8"PVC

48"RCP CLASS IV S=0.001
10" WL
404' 48"RCP CLASS IV S=0.001
78'
235' 48"RCP CLASS IV S=0.001

Q_{10} =37cfs
V_{10} =2.9fps
$Q_{INTERIM}$ =14cfs

STA. 128+96, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM EL.=~~66.45~~ 68.35
~~INVE=66.00~~
~~INVE=66.00~~
W INV.EL=61.97
℄ MH - 60.80

STA. 129+74, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM EL.=~~66.45~~ 68.30
~~INVE=66.00~~
~~INVE=66.00~~
E INV.EL=62.67
℄ MH - 60.97

| | | |

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-6	

STA. 131+00 MATCH LINE – SEE SHEET SD-5

STA. 137+00 MATCH LINE – SEE SHEET SD-7

EXISTING SD MH DATA			
MH S472	MH S471	MH S471A	MH S473
N INV.EL=61.22	N INV.EL=61.53	NE INV.EL=63.58	N INV.EL=64.44
SE INV.EL=61.33	NW INV.EL=64.20	W INV.EL=63.46	E INV.EL=61.98
S INV.EL=61.20	NE INV.EL=62.98		S INV.EL=63.24
SW INV.EL=63.84	SE INV.EL=64.18		W INV.EL=62.01
W INV.EL=61.82	S INV.EL=61.36		
NW INV.EL=63.92	W INV.EL=63.98		

STA. 131+00 TO STA. 137+00, 10'LT.
REMOVE EXISTING 30" AND 24"RCP

STA. 131+89, 28'LT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 131+90
REMOVE EXISTING LATERAL FROM DI

STA. 132+10, 10'LT.
REMOVE EXISTING MANHOLE S472

STA. 132+37, 34'LT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 132+09, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
CONNECT TO EXISTING 15" SD (WEST)
BUILD 27"x28" ORIFICE

STA. 132+82, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE

STA. 132+90, 29.18'LT.
BUILD TYPE 'A' STORM INLET
BUILD 17 LF 12"DI
S=0.005
GRATE EL. 63.21
12" INV. EL. 63.46

STA. 133+80, 25'RT.
REMOVE EXISTING LATERAL

STA. 134+02.11, 27.99'RT.
REMOVE EXISTING MANHOLE S471A AND CONNECTOR

STA. 134+04, 10'LT.
REMOVE EXISTING MANHOLE S471

STA. 134+28, 33'RT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 134+32, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE

STA. 134+39.32, 29.61'RT.
BUILD TYPE 'A' STORM INLET
BUILD 37 LF 12" DI
GRATE EL. 63.46
12" INV. EL. 63.71

CHEROKEE DR. N.W.

4TH ST. N.W.

MESCALERO RD. N.W.

INLET TO REMAIN

CONSTRUCTION

NOTES

1. SEE SHEET U-6 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-6 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

HGL

-0.1500%

+0.3273%

-0.2400%

48"RCP CLASS IV S=+0.001

42"RCP CLASS IV S=+0.001

Q_{10} =37cfs
V_{10} =2.9fps
$Q_{INTERIM}$ =14cfs

Q_{10} =26cfs
V_{10} =2.7fps
$Q_{INTERIM}$ =14cfs

RECORD DRAWING
as of May 26 1993
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26 35 27 9 1 31 93

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14N	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-6

20/Mon.SXD2A/STSX/1-23-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NM CO	MAP 2351(901)	SD-7	

EXISTING SD MH DATA

MH S371	MH S261	MH S372
N INV.EL=61.90	NE INV.EL=63.75	NOT LOCATED
NE INV.EL=63.01	SE INV.EL=64.16	IN FIELD
E ENV.EL=62.88	W INV.EL=63.71	
SE INV.EL=64.94		
S INV.EL=61.82		

MH S271
N INV.EL=62.27
NE INV.EL=62.94
E INV.EL=64.72
SE INV.EL=62.83
S INV.EL=62.28
SW INV.EL=66.06
W INV.EL=62.54
NW INV.EL=65.42

STA. 137+00 MATCH LINE – SEE SHEET SD-6

STA. 137+00 TO STA. 143+00
REMOVE EXISTING 24"RCP

STA. 137+23.25, 23.00'LT.
BUILD TYPE 'A' STORM INLET
BUILD ~~40 LF~~ 28 LF- 10"D.I.P.
S=0.0100; GRATE EL=~~68.22~~ 68.44 10" INV.EL=~~63.84~~ 63.64

STA. 137+34, 27'LT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 137+36±, 91'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE WITH 16"x28" ORIFICE
FIELD LOCATE EXISTING SD LINE TO WEST.
SHIFT MANHOLE TO CONNECT IF FEASIBLE.

STA. 137+73, 28'RT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 138+04, 28'RT.
REMOVE EXISTING MANHOLE S261, LATERALS AND CONNECTOR LINE

STA. 138+05, 10'LT.
REMOVE EXISTING MANHOLE ~~387.55~~

STA. 137+66.23, 29.35'RT.
BUILD TYPE 'A' STORM INLET
BUILD ~~40 LF~~ 40 LF- 12"RCP
S=0.005
GRATE EL=~~68.17~~ 68.14
12"RCP INV.EL=~~63.39~~ 63.74

STA. 137+90', LT.
RECONSTRUCT TOP 6" OF EXISTING INLET
GRATE EL=68.16

STA. 138+04, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE AND CONNECT EXISTING INLET LINE

STA. 138+40.02, 30.24'RT.
BUILD TYPE DOUBLE 'D' STORM INLET
BUILD ~~80 LF~~ 45 LF-12"RCP
S=0.005
GRATE EL=~~68.11~~ (TO CONNECT) 68.50
12"RCP INV.EL=~~63.31~~ 63.40

STA. 138+52, 32'RT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 139+15, 30'RT.
REMOVE EXISTING LATERAL AND INLET

STA. 141+11.64, 29.85'RT.
BUILD TYPE SINGLE 'C' STORM INLET
BUILD ~~80 LF~~ 12 LF- (Not Replaced-Except 11')
S=0.005
GRATE EL=~~68.66~~ 68.58
INV.EL=~~63.16~~ 63.03

STA. 141+24.96, 28.72'LT.
BUILD TYPE 'A' STORM INLET
BUILD ~~80 LF~~ 28 LF-12"D.I.P.
S=0.0100
GRATE EL=~~68.18~~ 68.20
12" INV.EL=~~63.31~~ 63.340

STA. 141+36, 32'LT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 141+41+52, 10'LT.
BUILD 8' DIA TYPE 'C' MANHOLE
CONNECT TO EXISTING STORM DRAIN AND INLET LINE

STA. 141+52, 10'LT.
REMOVE EXISTING MANHOLE S271

STA. 141+84, 32'LT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 141+93.57, 28.62'LT.
BUILD TYPE 'A' STORM INLET
BUILD ~~80 LF~~ 12 LF- 12"D.I.P.
S=0.01
GRATE EL=~~68.36~~ 68.43
INV.EL=~~63.16~~ 63.38

STA. 143+00 MATCH LINE – SEE SHEET SD-8

EXISTING 24"RCP TO REMAIN

~~INLET TO REMAIN~~
Re-Built Single 'D' Inlet

NOTES

1. SEE SHEET U-7 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-7 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

42"RCP CLASS IV S=0.001
Q_{10} =26cfs
V_{10} =2.7fps
$Q_{INTERIM}$ =14cfs

42"RCP CLASS IV S=0.001

36"RCP CLASS IV S=0.001351
Q_{10} =19cfs
V_{10} =2.7fps
$Q_{INTERIM}$ =14cfs

EXISTING 24"RCP TO REMAIN S=0.001055
Q_{10} =11cfs
V_{10} =3.5fps
$Q_{INTERIM}$ =10cfs

STA. 137+51, 9'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM=~~4980.00~~ 69.04
~~INV.EL=61.33~~
~~INV.EL=61.33~~
SW INV.EL=66.33
NE INV.EL=64.96
W INV.EL=UNKNOWN
@ MH - 61.94

STA. 138+04, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM=~~4980.00~~ 69.76
~~INV.EL=61.33~~
~~INV.EL=61.33~~
SW INV.EL=UNKNOWN
NE INV.EL=64.91
@ MH - 61.81

STA. 141+52, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM=~~4980.00~~ 69.06 (EXISTING)
~~INV.EL=61.33~~
~~INV.EL=61.33~~
W INV.EL=62.54
NE INV.EL=62.94
E INV.EL=64.72
SE INV.EL=63.31
SW INV.EL=65.98
~~INV.EL=61.33~~
@ MH - 62.46

RECORD DRAWING
May 26, 1993
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26 3527.91 3293

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14N	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-7

20/ROAD1.53D2/S7SEVEN/1-27-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-8	

STA. 143+00 MATCH LINE – SEE SHEET SD-7

STA. 149+00 MATCH LINE – SEE SHEET SD-9

143+00 144+00 145+00 146+00 147+00 148+00 149+00

FREEMAN AVE. N.W.

4 TH ST. N.W.

FREEMAN AVE. N.W.

STA. 144+50, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE

STA. 144+61.64, 29.74'RT.
BUILD ~~30 LF 18"RCP~~ 39 LF 12" RCP
TYPE 'A' STORM INLET
S=0.005
GRATE EL.=68.59
~~12" INV.EL.=65.19~~

STA. 146+29.06, 28.90'LT.
BUILD ~~30 LF 18"RCP~~ 36 LF 10" D.I.P.
TYPE 'A' STORM INLET
S=0.0100
GRATE EL.=~~68.15~~ 68.51
~~10" INV.EL.=66.06~~ 66.41

STA. 146+64, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
CONNECT EXISTING 18"RCP EAST & WEST

STA. 147+00.99, 28.77'LT.
BUILD TYPE 'A' STORM INLET
BUILD ~~70 LF 12"RCP~~ 36 LF 10" D.I.P.
S=0.0100
GRATE EL.=~~68.15~~ 68.44
10~~12~~" INV.EL.=~~66.16~~ 66.44

STA. 147+56.13, 29.87'RT.
BUILD TYPE 'A' STORM INLET
BUILD ~~100 LF 18"RCP~~ 37 LF 12" RCP
S=0.190
GRATE EL.=~~68.15~~ 68.46
~~12" INV.EL.=66.06~~ 65.31

Added Inlet Junction Structure

12" D.I.P. 37 LF

12"RCP 39 LF

10" D.I.P. 36 LF

10" D.I.P. 36 LF

EXISTING 24"RCP TO REMAIN

EXISTING 24"RCP TO REMAIN

EXISTING 24"RCP TO REMAIN

S172

VAULT

BASELINE

SAS

8" HP GAS

4" HP GAS

6" WL

CONCRETE SIDEWALK (TYP.)

ASPHALT

CONCRETE

BUILDING

EXISTING SD MH DATA	
MH S172	SE INV.EL.=65.68
RIM EL.=69.79	SW INV.EL.=65.92
N INV.EL.=62.94	W INV.EL.=65.76
NE INV.EL.=63.72	W INV.EL.=63.82
E INV.EL.=63.74	NW INV.EL.=65.90

STA. 146+41 TO STA. 146+64, LT.
REMOVE EXISTING LATERAL

STA. 146+52 TO STA. 146+64, RT.
REMOVE EXISTING LATERAL

STA. 146+64.76, 10'LT.
REMOVE EXISTING MANHOLE S172

STA. 146+87, 32'LT.
REMOVE EXISTING P-TRAP
AND LATERAL

STA. 146+98, 33'RT.
REMOVE EXISTING P-TRAP
AND LATERAL

STA. 147+10, 31.5'LT.
REMOVE EXISTING INLET
& LATERAL

STA. 147+72, 30'LT.
REMOVE EXISTING INLET
& LATERAL

STA. 148+73, 30'LT.
REMOVE EXISTING INLET
& LATERAL

STA. 148+89, 30'LT.
REMOVE EXISTING INLET
& LATERAL

NOTES

1. SEE SHEET U-8 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-8 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

4970 4965 4960 4955

EXIST. GRADE AT ℄ 4th STREET

PROFILE GRADE ℄ CONSTRUCTION

-0.0257%

+0.0000%

HGL

EXISTING 24"RCP TO REMAIN S=0.001055

Q_{10} =11cfs
V_{10} =3.5fps
$Q_{INTERIM}$ =10cfs

Q_{10} =8cfs
V_{10} =2.5fps
$Q_{INTERIM}$ =8cfs

10" W/L

8" SAS

6" WL

UGT VAULT

STA. 144+50, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM EL.=~~69.11~~ 69.20
~~4 INV.EL.=62.80 (EXISTING)~~
~~8 INV.EL.=62.80 (EXISTING)~~
W INV.EL.=65.00
℄ MH-62.55

STA. 146+64, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM EL.=69.16
~~4 INV.EL.=62.94 (EXISTING)~~
~~8 INV.EL.=62.94 (EXISTING)~~
W INV.EL.=63.82
NW INV.EL.=66.08
~~NE INV.EL.=63.72~~
E INV.EL.=63.74
SW INV.EL.=66.17
℄ MH-63.16

~~EXISTING INV.EL.=62.15~~

~~EXISTING INV.EL.=62.15~~

V.P.I. NO V.C.
+00.00 69.8 69.51
+50.00 69.7 69.50
+00.00 69.7 69.48
+50.00 69.7 69.47
+00.00 69.8 69.46
+50.00 69.8 69.45
+00.00 69.9 69.43
V.P.I. NO V.C.
+50.00 70.0 69.42
+00.00 70.0 69.42
+50.00 70.1 69.42
+00.00 70.1 69.42
+50.00 70.2 69.42
+00.00 70.3 69.42

143+00 144+00 145+00 146+00 147+00 148+00 149+00

RECORD DRAWING
as of May 26, 1993
These drawings have been revised based on the construction records of the contractor. While the information submitted by the Contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the prepared document as a result thereof.

2.6 3527.91 3393

COA PROJECT NO.	3527.91	MAP NO.	G-14N

LEEDSHILL-HERKENHOFF, INC.
ALBUQUERQUE SANTA FE SAN DIEGO

N.M. PROJECT NO. MAP-2351(901) SHEET SD-8

30/DGN:3305/STDSHT/1-28-92/TL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-9	

EXISTING SD MH DATA				
MH S73	S INV.EL=63.37	MH S73	N INV.EL=63.79	MH S73A N INV.EL=63.69
N INV.EL=63.31	SW INV.EL=65.87		SE INV.EL=66.04	S INV.EL=63.83
NE INV.EL=65.88	NW INV.EL=65.90		S INV.EL=63.83	SW INV.EL=65.80
E INV.EL=64.90				W INV.EL=64.25
SE INV.EL=65.84				

MH S74	MH S75	MH S76
N INV.EL=63.55	E INV.EL=63.48	N INV.EL=63.93
E INV.EL=63.14	W INV.EL=63.47	S INV.EL=63.97
S INV.EL=63.66		W INV.EL=65.17
W INV.EL=65.03		

MH S77
N INV.EL=62.94
E INV.EL=63.09
S INV.EL=64.43
W INV.EL=66.58

STA. 149+00 MATCH LINE – SEE SHEET SD-8

STA. 155+00 MATCH LINE – SEE SHEET SD-10

STA. 149+00 TO STA. 155+00
REMOVE EXISTING 24"RCP

STA. 149+40, 30'LT.
– REMOVE DRAIN AND LATERAL

– STA. 149+90, 30'LT.
REMOVE INLET AND LATERAL

STA. 150+02, 28'RT.
REMOVE LATERAL TO MH S173

STA. 150+18, 10'LT.
REMOVE EXISTING MH S173

STA. 150+40, 30'LT.
REMOVE LATERAL TO MH

STA. 150+46, 33'RT.
REMOVE EXISTING TRAP & LATERAL

– STA. 153+00, 29.5'RT.
REMOVE STORM DRAIN INLET
AND LATERAL–PLUG MH

STA. 153+54, 48'LT.
REMOVE STORM INLET AND
LATERAL–PLUG MH

STA. 153+58, 10'LT.
REMOVE EXISTING MH S74

STA. 153+75, 9'LT.
– REMOVE EXISTING MH S73
VERIFY LATERALS EAST AND
WEST. ABANDONED AND REMOVE

– STA. 153+94, 9'LT.
REMOVE EXISTING MH S73A

STA. 154+44, 10'LT.
REMOVAL OF EXISTING SD S76

STA. 154+46, 28'LT.
REMOVE EXISTING INLET
– AND LATERAL

STA. 150+57.66, 28.43'RT.
BUILD TYPE 'A' STORM INLET
BUILD 30 LF 18"RCP 51 LF- 12"RCP
S=0.005
GRATE EL 69.10
12"INVEL 66.10

STA. 150+18, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE

STA. 150+58.54, 29.09'LT.
BUILD TYPE 'A' STORM INLET
BUILD 12"DIP 30 LF
S=0.01
GRATE EL 68.84
12"INVEL 66.84

STA. 152+97.03, 28.45'RT.
BUILD TYPE SINGLE 'C' STORM INLET
BUILD 18"RCP 44 LF
S=0.058
GRATE EL 69.59
18" INV.EL 67.24
INV.FL @ MH S=77=64.43

STA. 153+56.84, 55.15'LT.
BUILD TYPE SINGLE "D"
BUILD 18"RCP 24 LF
CONNECT TO EXISTING STORM DRAIN MH
S=0.010
GRATE EL 69.49
INV.EL 66.42
INV.EL @ MH S=75=66.14

STA. 153+58±, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
CONNECT 48" EAST AND WEST

Sta 153+08
Added 6' Dia Manhole

STA. 154+44, 28.47'RT.
BUILD TYPE 'A' STORM INLET
BUILD 18"RCP 38 LF
GRATE EL 69.75
18" INV.EL 66.83
STA. 154+63.48, 28.40'LT.
BUILD TYPE 'A' (AT RETURN)
STORM INLET. BUILD
S=0.01
GRATE EL 69.32
12" INV.EL 64.47

STA. 154+44, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE

EXISTING 24"RCP TO REMAIN

CONSTRUCTION

4 TH ST. N.W.

AVE. N.W.

BELLROSE

GRIEGOS RD. N.W.

SD 18"RCP

SD 36"RCP

38 LF 18"RCP

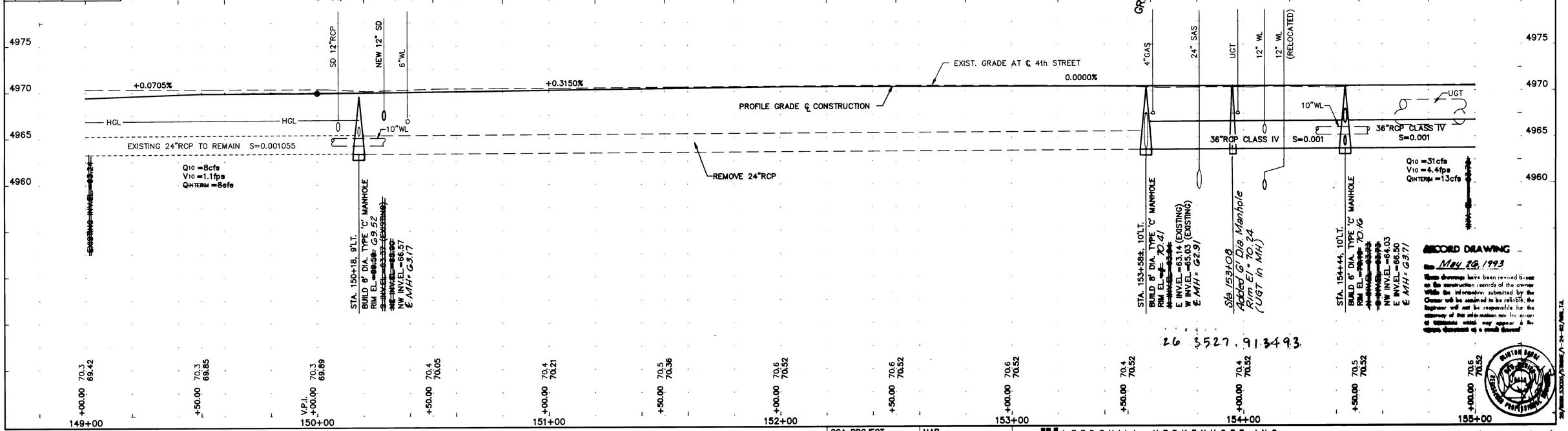
120.0 LF 12"D.I.P.
22 LF 12"D.I.P.

EXISTING INLET TO REMAIN

NOTES

1. SEE SHEET U–9 AND S–1 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R–9 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'



RECORD DRAWING
This May 26, 1993
As-built drawings have been revised based on the construction records of the owner which the information submitted by the Owner will be assumed to be reliable. The Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the as-built documents as a result thereof.

26 3527.91 3493

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G–14N	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-9

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-10	

EXISTING SD MH DATA	
MH S981	MH S982
N INV.EL=64.38	
S INV.EL=64.35	
W INV.EL=64.57	

STA. 155+00 MATCH LINE – SEE SHEET SD-9

STA. 161+00 MATCH LINE – SEE SHEET SD-11

4 TH ST. N.W.

℄ CONSTRUCTION

PALO DURO AVE. N.W.

STA. 155+00 TO STA. 161+00
REMOVE EXIST. 24"RCP STORM DRAIN

STA. 156+05, LT.
REMOVE EXIST. INLET
REMOVE EXIST. INLET LINE

STA. 156+18, 10'LT.
REMOVE MANHOLE S982

STA. 159+39, 28.27'RT.
BUILD TYPE 'A' STORM INLET
BUILD 35 LF 18"RCP
S=0.002
GRATE EL=~~67.00~~ 69.60
18" INV.EL=~~64.44~~ 66.50

STA. 159+39, 10'LT.
REMOVE EXISTING MH S982

STA. 159+83, 34'LT.
REMOVE EXISTING P-TRAP
AND LATERAL

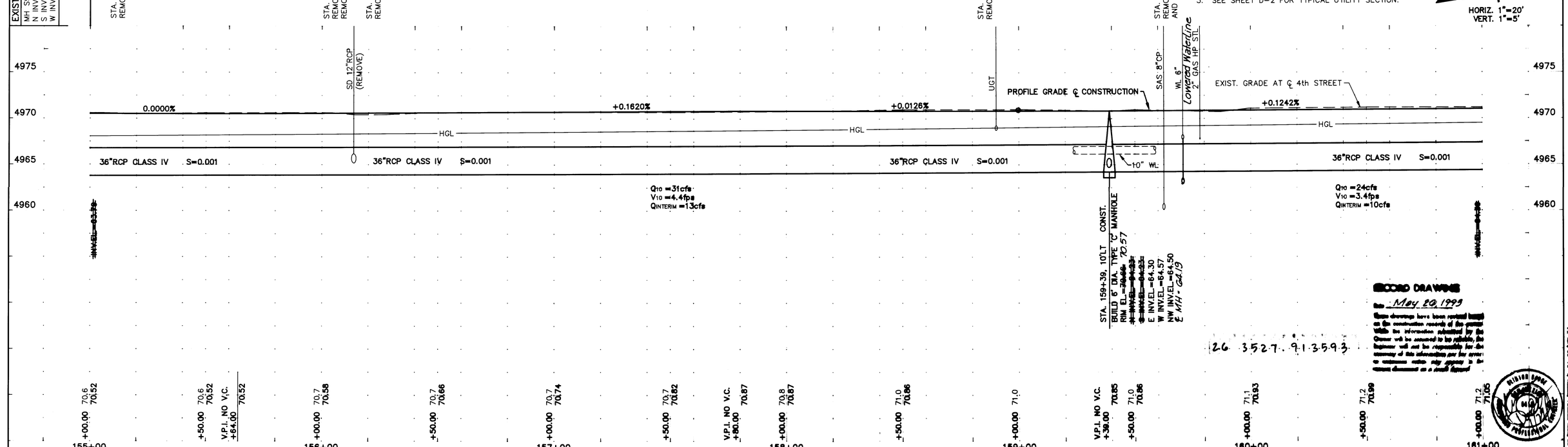
STA. 159+77.87, 48.98'LT.
BUILD TYPE SINGLE 6' STORM INLET
BUILD ~~60.00~~ 12'DI 51 LF
S=0.01
GRATE EL=~~69.82~~ G5.12
INV.EL=~~63.32~~ G5.12

STA. 159+39, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
WITH 18"x18" ORIFICE

NOTES

1. SEE SHEET U-10 AND S-1 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-10 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'



RECORD DRAWINGS
Date May 20, 1999
These drawings have been revised based on the construction records of the contractor. While the information submitted by the Contractor will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the drawings as a result thereof.

26 3527.91 3593

COA PROJECT NO. 3527.91	MAP NO. F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	N.M. PROJECT NO. MAP-2351(901)	SHEET SD-10

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-11	

EXISTING SD MH DATA		MH S882A	MH S883
MH S881	MH S882	N INV.EL=65.12	DATA
N INV.EL=64.50	NE INV.EL=66.03	E INV.EL=65.18	UNAVAILABLE
E INV.EL=65.40	SW INV.EL=65.72	W INV.EL=64.99	
S INV.EL=64.47	SE INV.EL=66.13	NW INV.EL=65.86	
	W INV.EL=65.47		

Installed 4' D.I.P. to SD moved to Dave Exg. Parkinglot Inlet 20LF

SHANGHRI LA RD. N.W.

4 TH ST. N.W.

SAN ANDRES AVE. N.W.

STA. 161+00 MATCH LINE – SEE SHEET SD-10

STA. 167+00 MATCH LINE – SEE SHEET SD-12

STA. 161+23.70, RT.
BUILD 33 LF 12"RCP
CONNECT TO EXISTING WITH FIELD SPLICE

STA. 161+23.70, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE

STA. 161+73, 28.39'RT.
BUILD TYPE SINGLE 'D' STORM INLET
BUILD 60 LF 18"RCP S=0.005
GRATE EL=~~71.46~~ 70.29
18" INV.EL=~~67.36~~ 66.32

STA. 162+93, 28.47'RT.
BUILD TYPE 'A' STORM INLET
BUILD 37 LF 18"RCP S=0.005
GRATE EL=~~70.36~~ 70.45
18" INV.EL=~~67.26~~ 67.48

STA. 162+93, LT.
BUILD 6' DIA. TYPE 'C' MANHOLE

Sta 166+33 Rt.
Build 33 LF 12" RCP Connect to Existing with Field Splice

~~Remove & Replace with Type 'C' Inlet~~
STA. 166+35,LT.
~~RECONSTRUCT TOP 8' OF EXISTING INLET~~
GRATE EL=71.73

STA. 166+36.71, 10'LT.
BUILD 6' DIA. TYPE 'C' MH
CONNECT TO EXISTING STORM INLET
6' HIGH CHAINLINK FENCE
~~AND STORE DRAIN NORTHWEST~~ Storm Drain West,
BUILD 16"x16" ORIFICE East & Storm Inlet Northeast

STA. 166+71.93, 28.14'RT.
BUILD TYPE 'A' STORM INLET
~~BUILD 35 LF~~ 18"RCP 50LF
S=0.005
GRATE EL=~~71.46~~ 71.19
18" INV.EL=~~67.36~~ 67.52

STA. 166+71.93, RT.
BUILD ~~33 LF~~ 12"RCP 35 LF
CONNECT TO EXISTING WITH FIELD SPLICE

SD 36"RCP
SD 24"RCP
SD 30"RCP
SD 18"RCP
SD 12"RCP
S881
S882
S882A
S883
36 LF
56 LF
37 LF
35 LF
90 LF
SAS
UGT
6" WL Lowered Waterline
12"DIA.
CONSTRUCTION
PROFILE GRADE ℄ CONSTRUCTION
EXIST. GRADE AT ℄ 4th STREET
HGL
+0.1242%
+0.1560%
+0.1400%
36"RCP CLASS IV S=0.001
30"RCP CLASS IV S=0.001
Q10 =24cfs
V10 =3.4fps
QINTERIM =10cfs
Q10 =20cfs
V10 =2.8fps
QINTERIM =8cfs
Q10 =16cfs
V10 =3.3fps
QINTERIM =8cfs

STA. 161+24, RT.
- REMOVE ±33 LF ~~OPENING~~ EXIST. 12" SD

STA. 161+10, 32'RT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 161+24, 17'RT.
REMOVE EXISTING MANHOLE S882

STA. 161+47, 32'RT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 161+24, 10'LT.
REMOVE EXISTING MANHOLE S881

STA. 161+00 TO STA. 167+00, 10'LT.
REMOVE EXISTING 24" SD

STA. 166+23, 32'RT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 166+35, 10'LT.
REMOVE EXISTING MANHOLE S882A

STA. 166+56, 32'RT.
REMOVE EXISTING P-TRAP AND LATERAL

STA. 166+41, 18'RT.
REMOVE EXISTING MANHOLE S883

STA. 166+37', RT.
REMOVE ±33 LF ~~EXISTING~~ 12" SD

STA. 166+35, 29'LT.
REMOVE EXISTING INLET

STA. 161+23.70, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM EL=~~71.46~~ 70.03
~~INVERTS~~
NE INV.EL=64.59
E INV.EL=65.40
E MH-64.33

STA. 162+93
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM EL=~~71.46~~ 71.08
~~INVERTS~~
E INV.EL=67.20
E MH-64.51

STA. 166+36.71, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM EL=~~71.46~~ 70.40
~~INVERTS~~
E INV.EL=65.18
W INV. EL=65.86
NE INV. EL=65.00
E MH-63.84

NOTES

1. SEE SHEET U-11 AND S-2 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-11 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

RECORD DRAWING
Date May 26,1993
These drawings have been revised based on the construction records of the contractor while the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 3527-91 3693

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-11

20/ROB1.53C20/STELLEVEN/1-22-92/ARL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-12	

EXISTING SAS MH DATA		
MH S781	MH S782	MH S783
RIM EL=72.06	DATA	RIM EL=71.83
N. INV.EL=66.60	UNAVAILABLE	E. INV.EL=66.76
NE INV.EL=66.64		SW INV.EL=66.69
E. INV.EL=67.76		
W INV.EL=66.08		

STA. 167+00 MATCH LINE – SEE SHEET SD-11

STA. 173+00 MATCH LINE – SEE SHEET SD-13

4 TH ST. N.W.

℄ CONSTRUCTION

DELAMAR RD N.W.

SD 30"RCP

SD 24"RCP

SAS

STA. 167+00 TO STA. 173+00
REMOVE EXISTING 24"RCP SD

STA. 170+67.23 TO STA. 170+83.28, RT.
BUILD 12"RCP 53 LF
S=0.01
CONNECT TO EXISTING MANHOLE S783

STA. 170+67.23, LT.
BUILD 20 LF 12"D.I.P.
CONNECT TO EXISTING 12" RCP WITH FIELD SPLICE

STA. 170+67.23, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE

STA. 171+21.28, 27.83'RT.
BUILD TYPE 'A' STORM INLET (AT RETURN)
BUILD 66 LF 18"RCP
S=0.005
GRATE EL=71.94
12" INV.EL=68.32

STA. 171+21.35, 28.73'LT.
BUILD TYPE 'A' STORM INLET (AT RETURN)
BUILD 54 LF 12"DI
S=0.010
GRATE EL=71.72
12" INV.EL=66.32

STA. 170+65, 31.34'RT.
REMOVE EXISTING P-TRAP & LATERAL

STA. 170+67, 10'LT.
REMOVE EXISTING MANHOLE S782

STA. 170+67, 17'RT.
REMOVE EXISTING MANHOLE S781

STA. 170+67, RT.
REMOVE 27 LF 15"SD

STA. 170+67, 17'RT. TO
STA. 170+83, 38'RT.
REMOVE 26.5 LF. 15"SD

STA. 171+15, 30'LT.
REMOVE EXISTING P-TRAP & LATERAL

STA. 171+06, 34'RT.
REMOVE EXISTING P-TRAP & LATERAL

NOTES

1. SEE SHEET U-12 AND S-2 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-12 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

HGL

+0.1400%

+0.1467%

+0.0800%

30"RCP CLASS IV S=0.001

Q_{10} =16cfs
V_{10} =3.3fps
$Q_{INTERIM}$ =8cfs

30" RCP CLASS IV S=0.001

Q_{10} =10cfs
V_{10} =2.0fps
$Q_{INTERIM}$ =2cfs

SD 12"RCP

SAS 8"PVC

6"CI WL

Lowered Water Line

10" WL

UGT

STA. 170+67, 10'LT.
BUILD 8' DIA. TYPE 'C' MANHOLE
RIM=~~72.43~~ 72.10
~~N. INV.EL=65.60~~
~~E. INV.EL=65.68~~
~~SW INV.EL=65.65~~
W INV.EL= NOT AVAILABLE
NW INV.EL=69.22
NE INV.EL=65.50
E INV.EL=66.18
℄ MH = 65.68

RECORD DRAWING
Date May 26, 1993
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26.3527.913793

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-12

20/2351.3/3D05/STREVE/1-24-92/MRL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-13	

EXISTING SAS MH DATA

MH S682	MH S681	MH S683	MH S681A
RIM EL=#	RIM EL=#	RIM EL=#	RIM EL=#
N INV.EL=65.89	N INV.EL=66.10	NE INV.EL=67.69	N INV.EL=66.39
S INV.EL=65.80	E INV.EL=66.63	W INV.EL=66.98	S INV.EL=66.39
W INV.EL=66.22	S INV.EL=66.14		W INV.EL=66.86
NW INV.EL=66.22			

STA. 173+00 MATCH LINE – SEE SHEET SD-12

STA. 179+00 MATCH LINE – SEE SHEET SD-14

STA. 173+00 TO STA. 179+00
REMOVE EXISTING 24" STORM DRAIN

STA. 173+79.22, 29.52'LT. AT RETURN
BUILD TYPE 'A' STORM INLET
BUILD ~~33 LF 12"~~ 27 LF 12" D.I.P.
S=0.010
GRATE EL.=~~71.75~~ 71.80
12" INV.EL.=~~69.10~~ 69.10

STA. 173+99, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
BUILD 12"x9" ORIFICE

STA. 173+99, 10' TO 30' LT.
BUILD ~~12 LF~~ 28 LF 12" D.I.P.
CONNECT TO EXISTING SD WITH
FIELD SPLICE, S=0.010

STA. 174+55, 29.60'LT. AT RETURN
BUILD TYPE 'A' STORM INLET
BUILD 60 LF ~~12"~~ ROUTE TO AVOID 12"D.I.P.
SAS MANHOLE
S=0.010
GRATE EL.=~~72.00~~ 71.82
12" INV.EL.=~~69.31~~ 69.702

STA. 176+02, 10'LT.
BUILD 4' DIA. TYPE 'C' MANHOLE

STA. 176+06, 28.23'RT AT RETURN
BUILD TYPE 'A' STORM INLET
BUILD ~~39 LF~~ 18"RCP 38 LF
S=0.005
GRATE EL.=~~72.00~~ 72.04
18" INV.EL.=~~68.36~~ 68.24

STA. 178+38, 10'LT.
BUILD 4' DIA. TYPE 'C' MANHOLE
CONNECT EXISTING 18" SD

STA. 173+98, 10'LT.
REMOVE EXISTING MANHOLE S682

STA. 174+00, 32'LT.
REMOVE EXISTING P-TRAP
& LATERAL

STA. 174+39, 32'LT.
REMOVE EXISTING P-TRAP
& LATERAL

STA. 175+65, 10'LT.
REMOVE EXISTING MANHOLE S681

STA. 175+65, 18'RT.
REMOVE EXISTING STORM DRAIN
MANHOLE S683 AND INLET LINE

STA. 175+90, 32'RT.
REMOVE EXISTING P-TRAP
& LATERAL

STA. 178+38, 10'LT.
REMOVE EXISTING MANHOLE S681A

DOUGLAS MACARTHUR RD. N.W.

BERRY RD. N.W.

4 TH ST. N.W.

NATALIE AVE. N.W.

SD 30"RCP

SD 24"RCP

SD 18"RCP

SAS 8" PVC

S682 S683 S681 S681A

CONSTRUCTION

NOTES

1. SEE SHEET U-13 AND S-3 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-13 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

2" GAS HP STL

WL 6" CI

Raised Water Line, 30±

SAS 8" PVC

WL 6"

SD 12"RCP (REMOVE)

3" UGT

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

HGL

10" WL

+0.0800%

+0.1000%

+0.2850%

0.0000%

30"RCP CLASS IV S=0.001

Q10 =10cfs
V10 =2.0fps
QINTERIM =2cfs

Q10 =6cfs
V10 =1.2fps
QINTERIM =2cfs

Q10 =6cfs
V10 =1.2fps
QINTERIM =2cfs

Q10 =6cfs
V10 =1.2fps
QINTERIM =2cfs

RECORD DRAWING
Date May 26, 1993

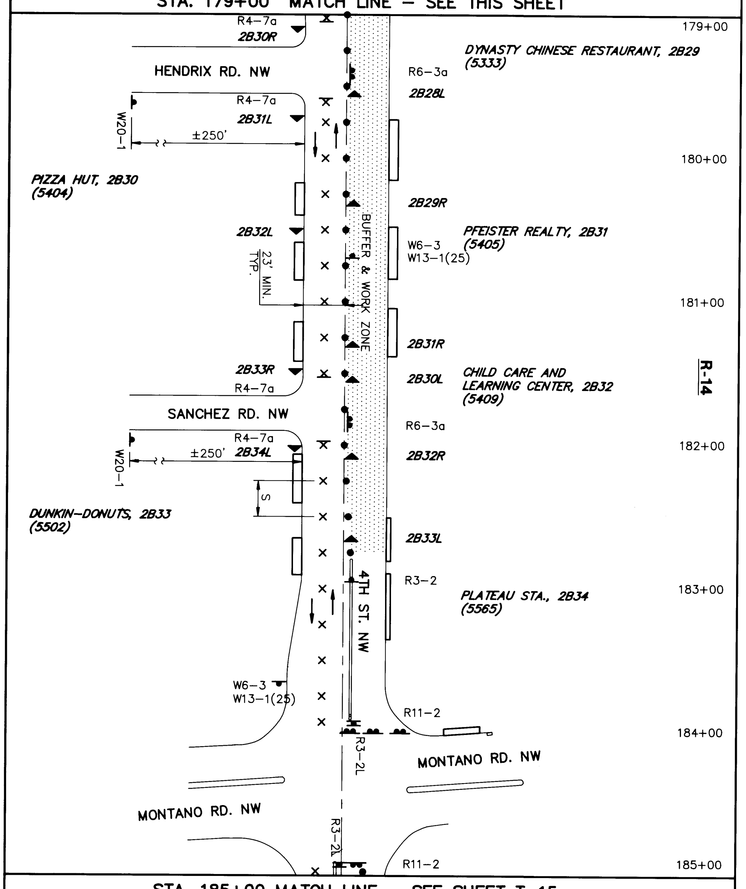
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

26 3527.913893

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-13

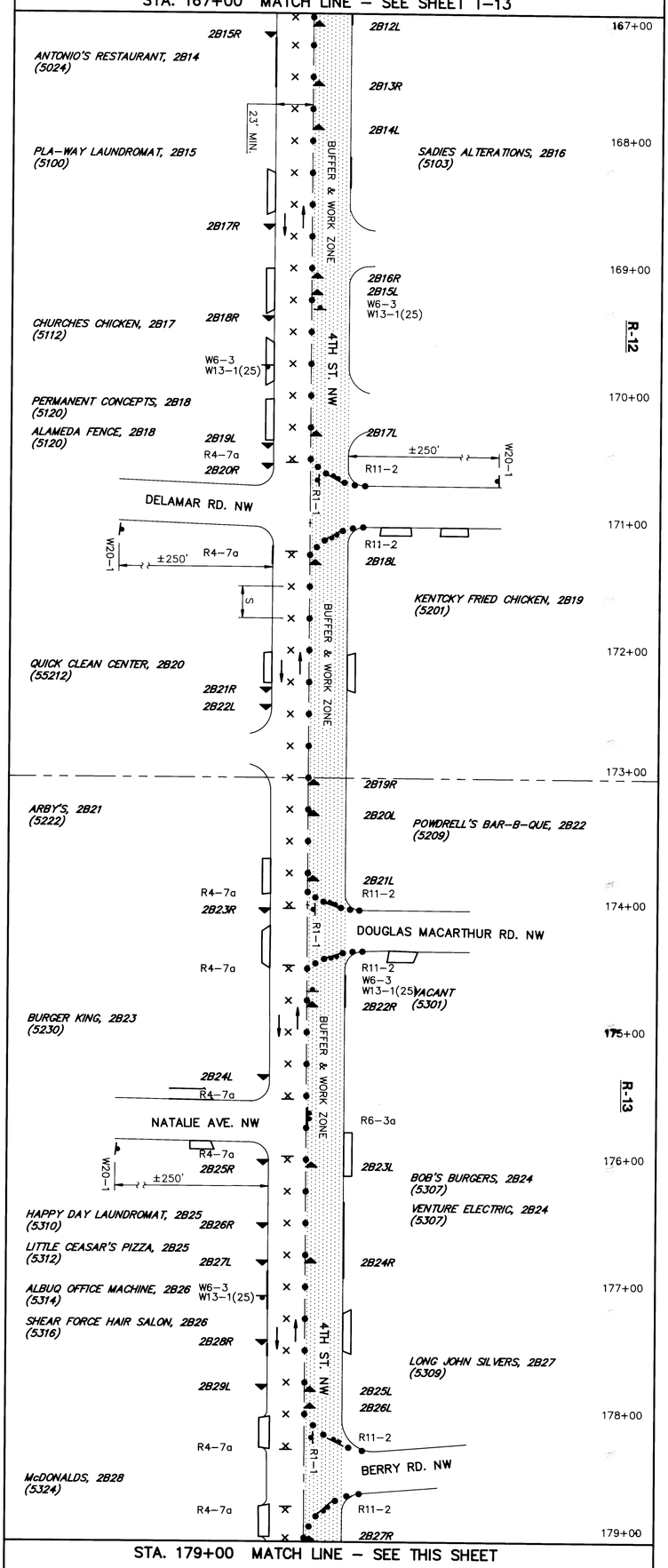
20/8081.53C05A/STMSHTN/1-27-93/MRL

STA. 179+00 MATCH LINE – SEE THIS SHEET



STA. 185+00 MATCH LINE – SEE SHEET T-15

STA. 167+00 MATCH LINE – SEE SHEET T-13



STA. 179+00 MATCH LINE – SEE THIS SHEET

GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

APPROX. SCALE: 1"=50'

26 3527.917093

RECORD DRAWING
Date May 26 1993
These drawings have been revised based on the construction records of the project. While the information submitted by the Contractor was believed to be reliable, the accuracy of this information cannot be guaranteed. The Contractor is responsible for the dimensions and conditions shown on these drawings.

50/B08153C07/P2-2WEST/T-29-92/PCS

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 2-B
WEST SIDE WORK ZONE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

APPROVALS		DATE
ENGINEER		
DRC CHAIRMAN		
TRANSPORTATION		
HYDROLOGY		
WATER		
WASTE WATER		
ENGINEER		

PROJECT NO. 3527.91
MAP NO. –
SHEET NO. T-14 OF –

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY [illegible] DATE 1-29-92
DRAWN BY DATE 1-29-92
CHECKED BY DATE 1-29-92

ENGINEER'S SEAL

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STAKED BY Contractor DATE
INSPECTORY'S ACCEPTANCE BY J.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWING CORRECTED BY L-H, Inc DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	SD-14	

EXISTING SD MH DATA			
MH S581	MH S582	MH S583	MH S584
N INV.EL=66.82		N INV.EL=66.50	NE INV.EL=67.28
E INV.EL=67.34		E INV.EL=66.95	E INV.EL=67.08
S INV.EL=66.75		S INV.EL=66.35	W INV.EL=67.06

STA. 179+00 MATCH LINE – SEE SHEET SD-13

STA. 185+00 MATCH LINE – SEE SHEET SD-15

179+00 180+00 181+00 182+00 183+00 184+00 185+00

STA. 179+35, 29.65'LT.
BUILD TYPE 'A' STORM INLET
BUILD ~~12'LF 12"RCP~~ S=0.01 16LF 12"D.I.P.
GRATE EL=~~73.31~~ 73.15
INV.EL=~~67.80~~ 67.80

STA. 179+35, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
CONNECT TO EXISTING 24" SD
BUILD 12"x4" ORIFICE

STA. 179+35, 28'RT. TO 10'LT.
BUILD 12"RCP 24 LF
CONNECT TO EXISTING 12"RCP
W/FIELD SPLICE. S=0.005±

STA. 179+69.72, 27.88'RT.
BUILD TYPE 'A' STORM INLET
BUILD ~~12'LF 12"RCP~~ 50LF 12"D.I.P.
GRADE EL=~~73.31~~ 72.95
INV.EL=~~67.80~~ 68.31

Existing Pipe and Splice Left in Place
STA. 181+72, 27' RT. TO 10' LT.
~~BUILD 12"RCP~~
~~CONNECT TO ENDWALL~~
~~CONNECT TO ENDWALL~~
~~W/FIELD SPLICE~~

STA. 181+89, 29.87'LT.
BUILD TYPE 'A' STORM INLET
BUILD 32 LF ~~12"RCP~~
CONNECT TO EXISTING MH
S=0.01
GRATE EL=~~73.55~~ 73.55
INV.EL=~~67.75~~ 67.75

Double "D"

AT EXISTING SD MANHOLE S-481
AT GENE AVE. AND FOURTH ST.
(1 BLOCK NORTH OF MONTANO)
BUILD 12"x4" ORIFICE

4 TH ST. N.W.

℄ CONSTRUCTION

BASELINE

SD 30"RCP

SD 24"RCP

12"RCP 24 LF

12"D.I. 45 LF

SAS 15"UP

SAS 8"PVC

SAS 18"

W 16"CI

W 6"ST

W 10"

4"ST

CONC. SIDEWALK (TYP.)

CONC. DRIVE (TYP.)

ASPHALT

DIRT

CONCRETE CURB & GUTTER

EDGE OF ASPHALT

8" BLOCK WALL

CONC. DRIVEWAY

TRAFFIC LIGHT (TYP.)

P-TRAP

S581 S582 S583 S584

HENDRIX RD. N.W.

SANCHEZ RD. N.W.

MONTANO RD. N.W.

COA BASELINE RD. N.W.

STA. 179+34, 19'RT.
REMOVE EXISTING MANHOLE
S 584

STA. 179+35, 10'LT.
END REMOVAL OF EXISTING STORM SEWER
DRAINAGE PIPE

STA. 179+54, 40'RT.
REMOVE EXISTING P-TRAP &
LATERAL

By Others
STA. 181+72, 19'RT.
REMOVE EXISTING MANHOLE
S 582 AND CONNECTOR LINE

STA. 181+72 TO STA. 181+90 RT.
REMOVE INLET LINE

NOTES

1. SEE SHEET U-14 AND S-3 FOR UTILITY CONSTRUCTION.
2. SEE SHEET R-14 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE ℄ CONSTRUCTION
+0.2650%
+0.0393%
HGL
EXIST. GRADE AT ℄ 4th STREET
10" WL
EXISTING 24"RCP
30"RCP
CLASS IV S=0.001
Q10 =3cfs
V10 =1.0fps
QINTERIM =2cfs

STA. 179+35, 10'LT.
BUILD 6' DIA. TYPE 'C' MANHOLE
RIM=~~73.55~~ 73.55
~~E INV.EL=66.50~~
~~S INV.EL=66.35~~
NE INV.EL=66.67
E INV.EL=66.95
W INV.EL=71.04
E MH= GG.15

EXISTING MH S. 581
E INV.EL=67.34
NW INV.EL=71.08

V.P.I. NO V.C.
+00.00 73.4 73.74
+50.00 73.7 73.87
+00.00 73.8 74.01
+50.00 73.5 74.14
V.P.I. NO V.C.
+00.00 73.7 74.27
+50.00 74.0 74.29
+00.00 74.2 74.31
+50.00 74.3 74.33
+78.00 74.31 74.34
+00.00 74.3
+50.00 74.4
+00.00 74.4
+50.00 74.4
+00.00 74.4
+50.00

4975 4970 4965 4960

May 26, 1993

26 3527.91 8993

COA PROJECT NO.	MAP NO.	LEEDSHILL-HERKENHOFF, INC.	N.M. PROJECT NO.	SHEET
3527.91	F-14S	ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	SD-14

20/ROW\3527\STORTN/1-29-92/MRL

UTILITY NOTES

1. ADJUST ALL EXISTING VALVE BOXES, SEWER AND STORM DRAIN MANHOLES WITHIN CONSTRUCTION LIMITS TO GRADE.
2. EXPOSE AND VERIFY USAGE OF WATER VALVES INDICATED ON PLANS BY "FIELD VERIFY VALVE". IF ABANDONED REMOVE. IF IN-USE, COMPLETE A C.O.A. WATER VALVE DATA CARD. ADJUST C.O.A. WATER VALVE COVER TO GRADE.
3. TRENCH, BACKFILL AND COMPACTION FOR THE GAS LINE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. GNM SHALL INSTALL THE NEW LINE AND MARKER TAPE.
4. ADJUST LOCATIONS OF NEW LIGHT BASES, PULL BOXES AND CONDUITS TO AVOID OBSTRUCTIONS.
5. LIGHT BASES ARE FOR 38' FIXTURES. ALL BASES SHALL BE TYPE 1 PER COA DWG. 2530. SEE SHEET D-3, DETAIL 6.
6. LOWER WATERLINES CONFLICTING WITH NEW SEWER OR STORM DRAIN FACILITIES AS DIRECTED BY THE ENGINEER.
7. SEE SHEET G-5 FOR ADDITIONAL UTILITY NOTES.
8. SEE SHEET D-2 FOR GAS LINE TRENCH DETAIL AND NOTES.

KEYED NOTES ⟨⟩

(APPLIES TO ALL UTILITY SHEETS)

1 EXISTING GAS LINES TO BE REMOVED BY CONTRACTOR FOLLOWING DECOMMISSIONING BY GNM AS DIRECTED BY THE ENGINEER.

2 EXISTING POWER POLES TO BE RELOCATED BY OTHERS. ALL POWER POLES AND OTHER OBSTRUCTIONS WITHIN 18" OF THE FACE OF CURB ARE TO BE SIGNED IN ACCORDANCE WITH DETAIL 10 ON SHEET D-3.

3 PROPOSED LOCATIONS OF RELOCATED POWER POLES.

WATER METERS AND NEW SAS SERVICE

FOURTH ST. NW STREET ADDRESS	NUMBER OF WATER METERS	SERVICE SIZE	NOTES	
3417	1	3/4"	1	
STA 109+70, RT	1	UNK	~~6~~	
3526	2	UNK	1	
STA 112+00, RT	1	3/4"	2,7	
3600	1	3/4"	1	
~~3601~~ Wendy's	1	3/4"	1	
3701	1	3/4"	1	
3705	1	3/4"	1	
3709	1	3/4"	1	
3715	1	3/4"	1	
3717	1	3/4"	1	
3719	1	3/4"	1	
3720	~~2~~ 1	3/4"	1	
3825 Bus Bay	1	~~3/4"~~ 1"	3	◀ Addendum #2
3826	2	3/4"	1	
3904	1	3/4"	1	
3917	1	3/4"	1	
4012	1	3/4"	1	
4201	1	2"	1	
4217	1	3/4"	1	
4220	1	3/4"	1	
4326	~~1~~ 2	3/4"	1	
4400	1	3/4"	1	
4409	1	UNK	1	
4418 4420	1	UNK	1	
4421	1	3/4"	1	
4500	1	3/4"	1	
4512	1	3/4"	1	
4513 4517	1	3/4"	1	
4514	1	3/4"	1	
4518	1	3/4"	1	
4520	1	3/4"	1	
4624	~~2~~ 1	UNK	1	
4625	1	2"	1	
4720	~~2~~ 1	~~3"~~ 2"	3	◀ Addendum #2
4814	~~1~~ 2	~~2"~~ 3/4"	~~5~~ 1	
4904	1	3/4"	1	
4924	~~1~~ 2	3/4"	~~2~~ 1	
5014	1	3/4"	1	
5101	1	3/4"	2,7	
5103	1	UNK	1	
5112	1	3/4"	1	
5120	1	3/4"	1	
5209	1	3/4"	1	
STA 171+69, RT	1	3/4"	2,7	
5212 5312	2	~~3"~~ 1"	3	◀ Addendum #2
STA 179+00, RT	1	3/4"	2,7	
5411	1	3/4"	1	
~~STA 181+00, RT~~	1	~~3/4"~~	~~2,7~~	
5609 Not Found	1	3/4"	1	

NOTES:
1. ~~REPLACE WATER METER AND METER BOX, CONNECT TO EXISTING SERVICE.~~
2. ~~ADD NEW WATER METER AND METER BOX AND SERVICE LINE.~~
3. ~~REPLACE WATER METERS AND DOUBLE METER BOX, CONNECT TO EXISTING SERVICE.~~
4. ~~ADJUST WATER METER TO GRADE.~~
5. ~~REPLACE WATER METER COVER AND LID ONLY.~~
6. ~~REMOVE EXISTING WATER METER AND SERVICE LINE.~~ ◀ Addendum #2
7. ADD NEW 4" SAS SERVICE LINE.

UNK=UNKNOWN

NOTES: (ADDENDUM #2)
1. Remove existing meter, replace meter box & connect to existing service.
2. Add new water meter box & service line.
3. Remove existing meter, replace meter box & connect to existing service. Existing double meter boxes shall be replaced with single meter boxes.
4. Adjust water meter box to grade.
5. Replace water meter box & lid only.
6. Remove existing water meter, meter box & service line.
7. Add new 4" SAS line.

ADDENDUM #2 ~ SEE FIGURE XII (WATERLINE CHANGE)
* Electric conduits @ Back of Curb between B.O.P. & Mildred

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-1	

~~STA. 103+41, 25'LT. & CONST. BEGIN CONSTRUCTION 6" WL CONNECT TO EXISTING 6" WL INSTALL 1-6" TRANSITION COUPLING~~

STA. 103+73 TO STA. 107+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL) CONNECT TO EXISTING TRAFFIC MANHOLE NBL ~ 30 LF (6-22-92)

~~STA. 103+76, 24'LT. & CONST. INSTALL 1-6" 90° BEND; BLOCKING BEGIN 6" WL~~

~~STA. 103+78, 11'RT. & CONST. INSTALL 1-6" 90° BEND WITH RESTRAINED JOINT, ROLL BEND UP~~

~~STA. 103+86, 11'RT. & CONST. INSTALL 1-6" 11 1/4° BEND WITH RESTRAINED JOINT MAINTAIN 2' MINIMUM COVER~~

~~STA. 103+96, 11'RT. & CONST. INSTALL 1-6" 11 1/4° BEND WITH RESTRAINED JOINT, MAINTAIN 2' MINIMUM COVER~~

STA. 103+98, 18'RT. & CONST. BEGIN EXCAVATION OF 5,000 CY MOVING ACCESS PIT TO EXISTING 18"RCP SAS MAINTAIN ACCESS PIT DURING C.O.A. REHABILITATION OF EXISTING 18"RCP SAS COORDINATE SCHEDULE WITH ENGINEER ACCESS PIT TO BE INCIDENTAL

STA. 104+00 BUILD LIGHT BASE @ BACK OF SIDEWALK

STA. 104+00 TO STA. 107+00 BUILD 2" CONDUIT (STREET LIGHTING)

~~STA. 104+02, 18'RT. & CONST. BEGIN 18" SAS REPLACEMENT CONSTRUCT 4' TYPE "E" MANHOLE~~

~~STA. 104+06, 11'RT. & CONST. INSTALL 1-6" 11 1/4° BEND WITH RESTRAINED JOINT~~

~~STA. 104+14, 11'RT. & CONST. INSTALL 1-6" GATE VALVE, TYPE "A" VALVE BOX END DI WL~~

STA. 104+34, 15'LT. & CONST. BEGIN CONST. 8" SAS CONSTRUCT 4' TYPE "E" MANHOLE CONNECT TO EXIST. SAS LINES

STA. 104+34 TO STA. 107+00 TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 15'LT. & CONST. SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UGT DUCT. FIELD VERIFY DUCT LOCATION.

STA. 104+76, 15'LT. & CONST. BEGIN CONST. 8" SAS CONSTRUCT 4' TYPE "E" MANHOLE CONNECT TO EXIST. SAS

STA. 104+76, 18'RT. & CONST. END CONST. 8" SAS CONNECT TO EXISTING MANHOLE

STA. 106+00 BUILD LIGHT BASE, 4' BACK OF CURB

STA. 107+00 MATCH LINE - SEE SHEET U-2

ALAMEDA DRAIN — Moved Light Base North — ALAMEDA DRAIN

104+00 — 105+00 — 106+00 — 107+00

3401 — 3417 3/4" (7-14-92)

BASELINE 8" WD 20' R/W

CONSTRUCTED UNDER 4TH ST. PHASE I

SEE ADDENDUM #2 (FIGURE XII SHT. AD-4)

F14963 — F14964 — F14983A — 1

8" SAS — 18" SAS — 8" DI SAS — 30" RCP — 18" RCP — 4" HP STL — 6" W — 2" G — 4" G

15 LF in place. 33 LF Total (7-18-92)

104+29

4 TH ST. N.W.

℄ CONSTRUCTION

ADJUST MH TO GRADE

CONC. SIDEWALK (TYP.) — CONC. DRIVE (TYP.) — CONC. CURB — ASPHALT — GRAVEL — RETAINING WALL — CHAIN LINK FENCE — WOOD FENCE — CONC. WALL — TELEPHONE — GAS — UGT — OHP — W — SD — SAS — TLS

EXISTING SAS MH DATA

MH F14963	MH F14964
RIM EL.=65.82	RIM EL.=65.88
N INV.EL.=57.78	N INV.EL.=UNKN.
NE INV.EL.=56.86	S INV.EL.=UNKN.
W INV.EL.=56.80	W INV.EL.=UNKN.

STA. 103+62 TO STA. 107+00, 24'LT. ℄ CONST. REMOVE 6" STL WL

STA. 104+02 TO STA. 104+76 ℄ CONST. REMOVE 18"RCP SAS

104+76

STA. 104+34 TO STA. ~~107+00~~ 104+76 ℄ CONST. REMOVE 8" CP SAS

PH1
4-6" PVC TELE DUCT
4' BEHIND F-C
TOP EL.=63.1±
4-CLAY TILE TELE DUCT
W/5" PCC CAP 6.7' FROM F-C
TOP EL.=63.0± BOT EL.=62±
6" STL WL 4' FROM F-C
TOP EL.=62.5±

NOTES

1. SEE SHEET SD-1 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-1 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

Between Candelaria & Alameda Drain
(Gas Services)
15' East
12' East
12' East
30' West

RECORD DRAWING
May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for error or omissions which may appear in the record document as a result thereof.

18" SAS TO BE REHABILITATED BY CITY

MH F14964A STA. 104+02, 18'RT. RIM EL.= 62.73 N INV.EL.=FIELD DETERMINE

MATCH EXISTING GRADE — S=0.001 — 75 LF 18" SAS (PVC) — 34 LF 8"DI SAS

Rim El.=65.87 — Rim El.=65.84

℄ INV.EL.=56.77 — 56.84 ℄ MH — 56.13 ℄ MH — 53.38 ℄ MH

MH F14964 STA. 104+76, 18'RT W INV.EL.=56.73 N INV.EL.=56.37 S INV.EL.=56.36

PROFILE IS ALONG ℄ NEW 6" WL — PROFILE IS ALONG ℄ CONSTRUCTION

0.0000% — EXIST. GRADE AT ℄ 4th STREET +0.0566%

2' MIN. COVER — 3' MIN. COVER

6" WATERLINE — EXISTING CBC — 71 LF 6"DI WL — SD 54" — New Manhole — 42 LF 8" SAS Not Done — S=-0.0007 — S=0.0018 — 228 ~~220~~ LF 8" SAS (Slip Lined)

PROFILE GRADE ℄ CONSTRUCTION — 6" WATERLINE (PVC)

STA. 103+41, 25'LT. BEGIN CONST. 6" WL CONNECT TO EXISTING

V.P.I. +50.00 66.0 66.01

MH F14983 STA. 104+34, 15'LT RIM EL.=65.77 N INV.EL.=56.80 W INV.EL.=56.96 NE INV.EL.=56.85

+00.00 66.1 66.04

MH F14983A STA. 104+76, 15'LT RIM EL.=65.80 N INV.EL.=56.77 S INV.EL.=56.77 E INV.EL.=56.77

+50.00 66.1 66.07 — +00.00 66.2 66.09 — +50.00 66.2 66.12 — +00.00 66.3 66.15 INV.EL.= 4957.18

4965 — 4960 — 4955

104+00 — 105+00 — 106+00 — 107+00

26-35-27.914093

20/D081.53\D3/UTOME/1-27-92/TJL

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	U-1

NOTE: Electric conduits are @ back of curb & gutter from Mildred to Fitzgerald

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-2	

EXISTING SAS MH DATA

MH F14961	MH F14862	MH F14863	MH F14864	MH F14961	MH F14962
RIM EL=66.11	RIM EL=66.26	RIM EL=66.03	RIM EL=66.09	RIM EL=65.91	RIM EL=65.81
N INV.EL=58.45	N INV.EL=57.24	N INV.EL=57.83	N INV.EL=56.80	N INV.EL=57.61	N INV.EL=56.48
E INV.EL=58.44	S INV.EL=57.32	S INV.EL=57.80	S INV.EL=56.91	S INV.EL=57.54	S INV.EL=56.52
W INV.EL=58.42	W INV.EL=58.03		E INV.EL=57.69	W INV.EL=57.63	E INV.EL=57.29

STA. 107+00 MATCH LINE – SEE SHEET U-1

STA. 113+00 MATCH LINE – SEE SHEET U-3

MILDRED AVE. N.W.

FITZGERALD RD. N.W.

SHROPSHIRE PL. N.W.

BASELINE

SEE DETAIL 1, SHT. AD-9

SEE DETAIL 2, SHT. AD-9

SEE DETAIL 3, SHT. AD-9

Moved to Wheel Chair Ramp

14 LF DI (6-10-92)
Plus 14 LF (7-27-92)

3/4" (6-8-92)

3/4" (6-9-92)

3/4" Rt. 112+00 New Water (6-9-92)

ADJUST MH TO GRADE

FIELD VERIFY VALVE

℄ CONSTRUCTION

TH1

STA. 107+00 TO STA. 113+00 TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 15'LT. & CONST. SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UGT DUCT. FIELD VERIFY DUCT LOCATION.

STA. 107+00 TO 113+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 107+00 TO 113+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 107+05, 15'LT. ℄ CONST. CONSTRUCT 4' TYPE 'E' MANHOLE CONNECT TO EXIST. SAS LINES

STA. 107+06 TO STA. 107+26, 15'LT. ℄ CONST. ENCASE 8" SAS

STA. 107+12, 35'RT. ℄ CONST. BEGIN CONST. MILDRED 6" WL CONNECT TO EXIST. 6" WL INSTALL: 1-6"x6" GATE VALVE; 1-TYPE 'A' VALVE BOX; 1-TRANSITION COUPLING

STA. 107+10 +107+46 11'RT. ℄ CONST. INSTALL: 1-6"x6"x6" TEE; BLOCKING

STA. 107+16, 11'RT. ℄ CONST. INSTALL: 1-6"x6"x6" TEE; BLOCKING

STA. 107+00, 11'RT. ℄ CONST. TO STA. 107+30, 11'RT. ℄ CONST. AND STA. 107+16, 5'RT. ℄ CONST. TO 107+16, 25'LT. ℄ CONST. LOWER WATERLINE, SEE SHEET D-4

STA. 107+15 +107+46 45'LT. ℄ CONST. END CONST. MILDRED 6" WL CONNECT TO EXISTING 6"CI WL INSTALL: 1-6" GATE VALVE; 1-TRANSITION COUPLING 'A' VALVE BOX; 1-TRANSITION COUPLING

STA. 107+20, 11'RT. ℄ CONST. LOWER 6" WL BY DEFLECTING JOINTS TO CLEAR INLET LINE

STA. 107+21, 40'RT. ℄ CONST. ADJUST FIRE HYDRANT TO GRADE RAISE FLANGE 6" 107+20 +107+46 11'RT. INSTALL: 1-6" GATE VALVE; 1-TYPE 'A' VALVE BOX

STA. 107+80 BUILD LIGHT BASE 4' BACK OF CURB

STA. 108+64, 11'RT. ℄ CONST. BEGIN CONST. 6" WL INSTALL: 1-6"x6"x6" TEE; 109+62 1-6" GATE VALVE; 1-TYPE 'A' 109+70 VALVE BOX; BLOCKING

STA. 109+64, 40'RT. ℄ CONST. END CONST. 6" WL CONNECT TO EXIST. 6"CI WL INSTALL: 1-6" GATE VALVE; 1-TYPE 'A' VALVE BOX; 1-TRANSITION COUPLING

STA. 109+91, 15'LT. ℄ CONST. CONSTRUCT 4' TYPE 'E' MANHOLE

STA. 109+30 BUILD LIGHT BASE 4' BACK OF CURB

STA. 112+00, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 112+78, 15'LT. ℄ CONST. BEGIN CONST. 8"DI SAS CONSTUCT 4' TYPE 'E' MANHOLE CONNECT TO EXIST. SAS LINES

STA. 112+78 TO STA. 112+98, 15LT. ℄ CONST. CONCRETE ENCASED 8" SAS

STA. 112+78, 18'RT. ℄ CONST. END CONST. 8"DI SAS CONNECT TO EXIST. MANHOLE

STA. 112+85, 45'LT. ℄ CONST. END CONSTRUCTION 6" WL CONNECT TO EXISTING 6" WL INSTALL 2-6" 45° BENDS; 1-TRANSITION COUPLING; BLOCKING

STA. 112+88, 11'RT. ℄ CONST. BEGIN CONST. FITZGERALD 6" WL INSTALL: 1-6"x6"x6" TEE

STA. 112+88, 6'LT. ℄ CONST. LOWER 6" WL, SEE SHEET D-4

STA. 112+88, 34'LT. ℄ CONST. INSTALL: 1-6" GATE VLAVE; 1-TYPE 'A' VALVE BOX

STA. 112+88, 36'LT. ℄ CONST. CONNECT TO EXISTING 6" SERVICE LINE INSTALL: 1-6"x6"x6" TEE; BLOCKING

STA. 107+00 TO STA. 113+00, REMOVE 8"CP SAS

STA. 107+00 TO STA. 113+00, 26'LT. ℄ CONST. REMOVE 6"STL WL

STA. 107+05, 15'LT. ℄ CONST. REMOVE EXISTING MANHOLE

STA. 107+12, 40'RT. ℄ CONST. BEGIN REMOVAL 6"CI WL

STA. 107+16, 45'LT. ℄ CONST. END REMOVAL 6"CI WL

STA. 108+77, 18'LT. ℄ CONST. REMOVE EXISTING MANHOLE

STA. 109+64, 40'RT. ℄ CONST. REMOVE 6" GATE VALVE BEGIN REMOVAL 6"CI WL

STA. 109+65, 18'LT. ℄ CONST. END REMOVAL 6"CI WL

STA. 112+78, 15'LT. ℄ CONST. REMOVE EXISTING MANHOLE

STA. 112+85, 22'LT. ℄ CONST. BEGIN REMOVAL 6"ST WL

STA. 112+85, 30'LT. ℄ CONST. REMOVE EXISTING 6" GATE VALVE

STA. 112+85, 35'LT. ℄ CONST. END REMOVAL 6"ST WL

NOTES

1. SEE SHEET SD-2 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-2 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

Tied to 18" SAS
111+90 Rt. Remove & Replace 4" SAS Service
111+90 Rt. Installed New 4" SAS Service
112+35 Rt. Remove & Replace 4" SAS Service

Rim=66.32 Rim=66.02 12" SD 54" SD 18" WL 4965 4960 4955 4970 4965 4960 4955

S=0.0015 34 LF 8"DI SAS INV.EL=58.08 Inv.=57.85

Rim=65.78 Existing M.H. Left in Place

6" WATERLINE (PVC) 6" WATERLINE (PVC)

+0.0566% +0.1285% −0.1200%

TH1 6.5"AC 2.5"ABC SILTY SAND(SM)

EXIST. GRADE AT ℄ 4th STREET

PROFILE GRADE ℄ CONSTRUCTION

3' MIN. COVER

Slip Lined S=0.0018 (Slip Lined) S=0.0018

~~286~~ LF 8" SAS ~~287~~ LF 8" SAS

171 LF 403 LF

℄MH Inv.=58.40 S=0.0008 266 LF 8" SAS

Existing M.H. Left in Place

Filled w/Grout

INV.EL=57.18 MH F14961 STA. 107+05, 15'LT. ℄ CONST. RIM EL=65.78 N INV.EL=57.29 S INV.EL=57.19 W INV.EL=57.63

MH F14863 STA. 108+77, 15'LT. ℄ CONST. MANHOLE TO BE REMOVED Left in Place

Not Done ~~MH F14863A STA. 109+91, 15'LT. ℄ CONST. RIM EL=66.04 N INV.EL=57.92 S INV.EL=57.82~~

7-9-92 Gas Services:
Midland West - 42'
3525 West - 32'
Fitzgerald West-64'

4" SAS Services Tied To Slip-Lined 8" SAS
1. 110+21 Lt.
2. 110+23 Lt.
3. 111+40 Lt.

MH F14862 STA. 112+78, 18'RT. ℄ CONST. RIM EL=66.53 W INV.EL=58.03 N INV.EL=57.24 S INV.EL=57.32

MH F14861 STA. 112+78, 15'LT. ℄ CONST. RIM EL=66.32 N INV.EL=58.45 S INV.EL=58.45 E INV.EL=58.08 W INV.EL=58.42 INV.EL=58.49

66.3 66.15 +00.00 | 66.4 66.18 +50.00 | 66.3 66.21 +00.00 | 66.4 66.24 +50.00 | 66.4 66.26 +00.00 | 66.4 66.29 +50.00 | V.P.I. NO V.C. +62.00 66.30 | 66.4 66.35 +00.00 | 66.4 66.41 +50.00 | 66.4 66.48 +00.00 | 66.4 66.54 +50.00 | 66.4 66.60 +00.00 | V.P.I. NO V.C. 66.4 66.67 +50.00 | V.P.I. NO V.C. 66.4 66.61 +00.00

107+00 108+00 109+00 110+00 111+00 112+00 113+00

RECORD DRAWING
as of May 26, 1993
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26 3527.914193

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	U-2

20/8081.53C03X/UTIWO/1-24-92/TJL

NOTES: 1. Electric conduits are @ back of C&G between Fitzgerald & Candelaria
2. Electric conduits are @ lip of C&G between Candelaria & Veranda

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-3	

STA. 113+00 MATCH LINE – SEE SHEET U-2

STA. 119+00 MATCH LINE – SEE SHEET U-4

STA. 113+00 TO 115+56, 24'LT. & CONST.
REMOVE 6"CI WL

STA. 115+00 TO STA. 115+00
TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 15'LT. & CONST.
SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UGT DUCT.
FIELD VERIFY DUCT LOCATION.

STA.113+00 TO STA. 119+00
BUILD 2" CONDUIT (STREET LIGHTING)

STA.113+00 TO STA. 119+00
BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 113+05, 11'RT.
INSTALL: 1–6" GATE VALVE; TYPE 'A' VALVE BOX

STA. 114+00, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 114+42, 11'LT. & CONST.
LOWER 6" WATERLINE TO CLEAR SD INLET LINE BY DEFLECTING JOINTS

STA. 115+00±, 50'±RT. & CONST.
CONSTRUCT NEW LIGHT BASE TYPE II (RELOCATE EXISTING POLE/FIXTURE BY OTHERS)

~~STA. 115+34 TO STA 115+44, 14'LT.~~
~~CONCRETE ENCASE SANITARY SEWER~~
~~END CONST. @ STA 115+46~~
~~CONSTRUCT TYPE E MANHOLE~~
~~CONNECT TO EXIST. SAS LINES~~

STA. 115+44, 14'LT. & CONST.
END CONST. @ STA 115+46
CONSTRUCT TYPE E MANHOLE
CONNECT TO EXIST. SAS LINES

BUILD 2" STREET LIGHTING CONDUIT RISER, SEE SHEET D-3, DETAIL #11

BUILD 2" STREET LIGHTING CONDUIT

CONTROLLER PULL BOX

STA. 115+40, 69'RT. & CONST.
BEGIN CONST. CANDELARIA 10" WL
CONNECT TO EXIST. 10"CI WL
INSTALL: 1–10" TRANSITION COUPLING; 1–10" GATE VALVE; TYPE 'A' VALVE BOX; BLOCKING

STA. 115+51, 11'RT. & CONST.
END CONST. 6" WL
CONNECT TO EXISTING 10"CI WL
INSTALL: 1–10" TRANSITION COUPLING; 1–10"x10"x10" CROSS; 1–10" TO 6" REDUCER; 2–10"x11.25 DEC. BENDS; BLOCKING

STA. 115+54, 9'LT. & CONST.
LOWER 10" WL, SEE SHEET D-4

STA. 115+61, 55'LT. & CONST.
END CONST. CANDELARIA 10" WL
CONNECT TO EXISTING 10"CI WL
INSTALL: 1–10" GATE VALVE; TYPE 'A' VALVE BOX; 1–10" TRANSITION COUPLING; BLOCKING

STA. 116+00, BUILD LIGHT BASE AT 2' BACK OF CURB

STA. 115+80±, 6" UGT TO BE RAISED BY OTHERS

STA. 117+04, 30'RT. & CONST.
ADJUST METER BOX TO GRADE.

STA. 117+70, BUILD LIGHT BASE AT BACK OF SIDEWALK

PB Moved to Wheel Chair Ramp

3601 7-13-92

3701 Added PB

3705 3709 3711 3715 3717 3719

3600 3620 3700 3702 3720 3730

BUILDING OVERHANG

CONC. DRIVE (TYP.)

CONC. SIDEWALK (TYP.)

PLANTER

CONC. CURB & GUTTER

CONC. VALLEY GUTTER

HK TIES 4TH LANDSCAPING

BASELINE

F14764

F14765

Valve 5' North of Tee

3/4"(6-10-92)

4 TH ST. N.W.

ADJUST MANHOLE RIM TO GRADE

FIELD VERIFY VALVE

ADJUST VALVE TO GRADE Replace

CANDELARIA

SEE DETAIL 5, SHT. AD-9 AND FIGURE X1, SHT. AD-4

UGT TO BE RAISED

℄ CONSTRUCTION

SBL Gas (8-4-92)

SBL Gas (8-5-92)

SBL Gas (8-5-92)

TH2

PH3

PH2
4–6" TELE. DUCT–A.C.
W/5" PCC CAP.
TOP EL.=62.3±
BOT EL.=61.3±

PH3
6" TELE. DUCT–A.C.
BOT EL.=62.3±

STA. 115+13, 24'LT. & CONST.
REMOVE 1–6" VALVE AND VALVE BOX

STA. 115+44, 14'LT. & CONST.
END REMOVAL 8"CI SAS
REMOVE EXISTING MANHOLE

STA. 115+42, 60'RT. & CONST.
BEGIN REMOVAL 10" WL

STA. 115+48, 23'RT. & CONST.
REMOVE 10" VALVE AND VALVE BOX

STA. 115+51, 11'RT. & CONST.
REMOVE 1–10x10x10 TEE

STA. 115+56, 24'LT. & CONST.
REMOVE 1–10"x6" TEE

STA. 115+56 TO 119+00, 24'LT. & CONST. VERIFY USAGE OF 6" ST. WL
IF IN–USE EXTEND SERVICE LINES AND CONNECTION TO 10"CI WL AND REMOVE.
IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES.

EXISTING SAS MH DATA	
MH F14764	RIM EL.=66.37
RIM EL.=66.44	INVEL.=UNKN.
N INVEL.=58.95	
S INVEL.=58.92	
W INVEL.=58.95	

NOTES

1. SEE SHEET SD–3 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R–3 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEET T–22 FOR SIGNALIZATION.

HORIZ. 1"=20'
VERT. 1"=5'

PROFILE GRADE ℄ CONSTRUCTION

+0.0240%

+0.0481%

3' MIN. COVER

EXIST. GRADE AT ℄ 4th STREET

6" WATERLINE (PVC)

S=0.00177

266 LF 8"SAS
Filled w/Grout

Existing MH left in place

Rim=66.46

EL.=58.81

INV.EL.=4958.49

18"RCP INLET LINE

MH F14764
STA. 115+44, 14'LT. ℄ CONST.
RIM EL.=4966.42
N INV.EL.=4958.95
S INV.EL.=4958.92
W INV.EL.=4958.95

STA. 115+60, 4'RT. ℄ CONST.
CONNECT TO EXISTING 10" WL

SD 18"RCP

SAS 8"CP

2" GAS HP STL

6" UGT TO BE ADJUSTED TO AVOID STORM DRAIN

TH2
5.5"AC
4.5"PCC
10"ABC
SANDY CLAY (CL)

5'

4970 4965 4960 4955

66.4 66.45 66.4 66.4 66.4 66.5 66.5 66.51 66.5 66.53 66.5 66.55 66.7 66.58 66.6 66.60 66.5 66.63 66.6 66.65 66.5 66.68

+00.00 +50.00 +00.00 +50.00 +00.00 +50.00 +00.00 +50.00 +00.00 +50.00 +00.00 +50.00 +00.00 +50.00 +00.00

113+00 114+00 115+00 116+00 117+00 118+00 119+00

RECORD DRAWINGS
as of May 26 1993

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26 3527.914293

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G–14S	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	U-3

20/R0815303/UTHREE/1-27-92/TJL

NOTE: Electric conduit behind Curb & Gutter between Veranda and Candeleria

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-4	

STA. 119+00 MATCH LINE – SEE SHEET U-3

STA. 125+00 MATCH LINE – SEE SHEET U-5

STA. 119+00 TO STA. 124+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 119+00 TO STA. 125+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 119+90, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 120+40, 9'LT. ℄ CONST. LOWER WL, SEE SHEET D-4

STA. 122+00, BUILD LIGHT BASE AT 4' BACK OF CURB

STA. 124+00, BUILD LIGHT BASE AT BACK OF SIDEWALK

~~STA. 124+25, 40'LT. CONST. INSTALL WATER METER BOX 56, 3/4" SERVICE LINE~~ *Addendum #2*

STA. 124+44±
CONSTRUCT NEW LIGHT BASE.
RELOCATE EXISTING LIGHT POLE/FIXTURE.

SEE SHTS. AD-1, AD-2, AD-3 AND FIGURE X ON SHT. AD-4 FOR DETAILS

SBL GAS SERVICES (8-4-92)
37'
35'
40'
37'
46'

VERANDA AVE. N.W.

4 TH ST. N.W.

AZTEC RD. N.W.

VERANDA

SBL GAS (8-4-92)

SBL GAS (8-5-92)

℄ CONSTRUCTION

ADJUST VALVE TO GRADE

FIELD VERIFY VALVE

SEE DETAIL 4, SHT. AD-9

Irrigation Controller

Addendum #2
~~STA. 124+25, 40'LT. CONST. REMOVE WATER METER BOX 46', 3/4" SERVICE LINE~~

STA. 119+00 TO STA. 125+00, 26'LT. ℄ CONST.
VERIFY USAGE OF 6" ST. WL.
IF IN-USE EXTEND SERVICE LINES AND CONNECTION TO 10"CI WL AND REMOVE
IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES

PH4
TELE. DUCT W/PCC CAP
TOP EL.=63.7±
BOT.EL.=62.0±

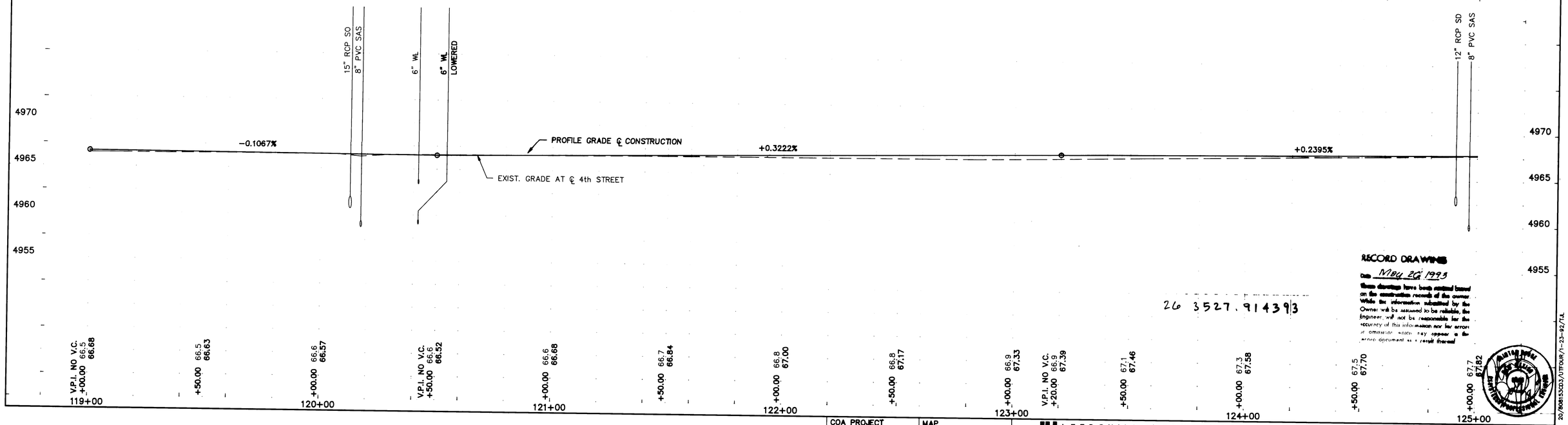
EXISTING SAS MH DATA		
MH G14575	MH G14576	
RIM EL.=67.44	RIM EL.=67.40	
N INV.EL.=59.35	S INV.EL.=60.53	
E INV.EL.=59.43		
W INV.EL.=59.32		

MH G14577	MH G14663	MH G14672	MH G14674
RIM EL.=67.39	RIM EL.=66.38	RIM EL.=66.18	RIM EL.=66.32
N INV.EL.=58.90	S INV.EL.=59.94	N INV.EL.=58.05	N INV.EL.=58.49
S INV.EL.=58.90		S INV.EL.=57.98	E INV.EL.=58.58
E INV.EL.=59.59		E INV.EL.=58.68	W INV.EL.=58.51
W INV.EL.=59.31		W INV.EL.=58.56	

NOTES

1. SEE SHEET SD-4 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-4 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'



RECORD DRAWING
Date May 26 1993
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26 3527.914393

COA PROJECT NO. 3527.91	MAP NO. G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	N.M. PROJECT NO. MAP-2351(901)	SHEET U-4

20/R0815CD3/UTFOUR/1-23-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-5	

EXISTING SAS MH DATA		
MH G14475	MH G14476	MH G14477
RIM EL=68.45	RIM EL=68.43	RIM EL=68.44
N INV.EL=59.93	N INV.EL=59.55	S INV.EL=60.46
E INV.EL=59.79	S INV.EL=59.70	
W INV.EL=59.76	E. INV.EL=60.05	

STA. 125+00 MATCH LINE – SEE SHEET U-4

STA. 131+00 MATCH LINE – SEE SHEET U-6

AZTEC

EXTEND CONDUIT TO EXISTING SIGNAL BOX

To Irrigation Controller

STA. 125+00 TO STA. 131+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 125+15, 91'LT. & CONST. FIELD VARIFY DEPTH OF EXISTING 6"WL. LOWER IF REQUIRED.

STA. 125+27, 39'LT. & CONST. CONNECT TO EXISTING SERVICE LINE INSTALL: 1-FIRE HYDRANT FLANGE EL=68.00 BURY DEPTH=4.00'

STA. 125+90, BUILD LIGHT BASE 4' BACK OF CURB

STA. 125+90 TO STA. 131+00 BUILD 2" CONDUIT (STREE LIGHT)

STA. 128+30, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 130+14, 36'LT. & CONST. CONNECT TO EXISTING SERVICE LINE INSTALL: 1-FIRE HYDRANT FLANGE EL=69.00 BURY DEPTH=4.00

STA. 130+18 BUILD LIGHT BASE AT BACK OF SIDEWALK

Remove & Replace F.H. (10-30-92)
1-6" Solid Sleeve
3-Megalugs (1 Existing, 2 New)

Moved PB

(R)&(R) Fire Hydrant

℄ CONSTRUCTION

4 TH ST. N.W.

HEADINGLY AVE. NW.

ADJUST VALVE TO GRADE

Dual Meter

Add PB

Riser for Traffic & Irrigation

STA. 125+00 TO STA. 131+00, 24'LT. & CONST. VERIFY USAGE OF 6"ST. WL IF NOT USE EXTEND SERVICE LINES AND CONNECTION TO WL AND REMOVE. IF ABANDONED REMOVE ALONG WITH -FITTINGS AND VALVES.

STA. 125+27, 39'LT. & CONST. REMOVE AND SALVAGE TO COA -1-FIRE HYDRANT

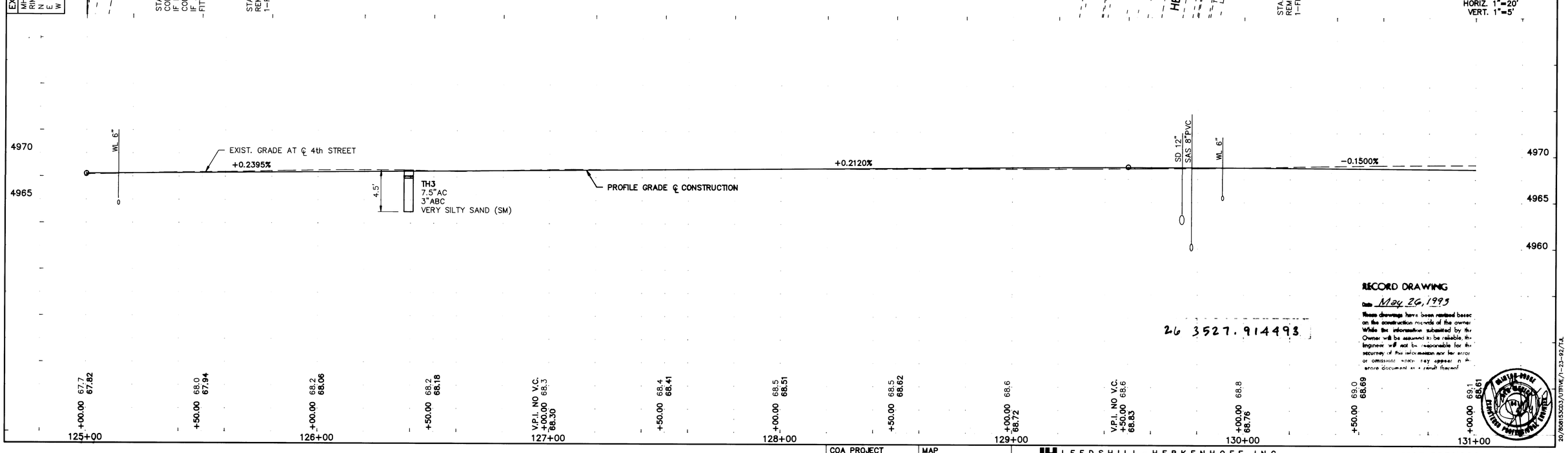
STA. 130+14, 36'LT. & CONST. REMOVE AND SALVAGE TO COA 1-FIRE HYDRANT

3900 3904 3911 3915 3917 3926 3929 4001 4012

NOTES

1. SEE SHEET SD-5 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-5 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'



RECORD DRAWING
Date May 26, 1993
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26 3527.914493

COA PROJECT NO. 3527.91	MAP NO. G-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	N.M. PROJECT NO. MAP-2351(901)	SHEET U-5

20/80815303/UTIVE/1-23-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-6	

STA. 131+00 MATCH LINE – SEE SHEET U-5

STA. 137+00 MATCH LINE – SEE SHEET U-7

STA. 131+00 TO STA. 137+00, 24'LT.
VERIFY USAGE OF 6"ST WL.
IF IN-USE EXTEND SERVICE LINES AND CONNECTIONS TO 10"CI WL - AND REMOVE.
IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES.

EXISTING SAS MH DATA		
MH G14376	MH G14471	MH G14472
RIM EL=69.15	RIM EL=68.70	RIM EL=68.62
S INV.EL=60.95	N INV.EL=60.09	N INV.EL=60.04
	S INV.EL=60.14	S INV.EL=60.22
	E INV.EL=60.54	W INV.EL=60.28

STA. 131+75, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 131+00 TO STA. 137+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 131+00 TO STA. 137+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

Power Riser as Per San Lorenzo

STA. 132+23, 9'LT. FIELD VERIFY ELEVATION OF 6" WL. LOWER IF REQUIRED

Street Lights New Pull Box

(R)&(R) Fire Hydrant

ADJUST VALVE TO GRADE

ADJUST VALVE TO GRADE

STA. 134+00, BUILD LIGHT BASE 4' BACK OF CURB

Remove & Replace 8" Main (10-16-92) 6 LF PVC (New)

STA. 135+00, 14'LT. & CONST. BEGIN SPOT REPAIR 8" SAS

STA. 135+05, 14'LT. & CONST. END SPOT REPAIR 8" SAS

STA. 135+23, BUILD LIGHT BASE 4' BACK OF CURB

CHEROKEE DR. N.W.

4TH ST. N.W.

MESCALERO RD. N.W.

℄ CONSTRUCTION

PH5
TEL. DUCT BANK (CLAY TILE WITH PCC CAP)
TOP EL.=66.1±
BOT EL.=64.1±

UGT

SD 12"RCP

SAS 8"PVC

6"WL

SD 18"RCP

SAS 8"PVC

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

−0.1500%

+0.3273%

−0.2400%

TH4
5.25"AC
5.25"PCC
CLAYEY SILTY SAND
(SC-SM)

NOTES

1. SEE SHEET SD-6 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-6 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

+00.00	+50.00	V.P.I. +70.00	+00.00	+50.00	+00.00	+50.00	+00.00	+50.00	V.P.I. +00.00	+50.00	+00.00	+50.00	V.P.I. +00.00
69.1	69.1	68.50	68.8	68.8	68.9	69.1	69.0	69.2	69.3	69.4	69.4	69.5	69.5
68.61	68.53		68.60	68.76	68.93	69.09	69.25	69.42	69.58	69.46	69.34	69.22	69.10
131+00			132+00		133+00		134+00		135+00		136+00		137+00

RECORD DRAWING
Date MAY 26, 1993
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26 3527. 914593

COA PROJECT NO. 3527.91	MAP NO. G-14N	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	N.M. PROJECT NO. MAP-2351(901)	SHEET U-6

20/8081.53D3X/UTSX/1-24-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-7	

EXISTING SAS MH DATA				
MH G14272	MH G14273	MH G14274	MH G14371	MH G14372
RIM EL=69.24	RIM EL=69.21	RIM EL=69.33	RIM EL=69.06	RIM EL=68.92
N INV.EL=61.15	N INV.EL=61.02	N INV.EL=62.17	N INV.EL=60.80	N INV.EL=60.73
E INV.EL=61.07	S INV.EL=61.08	E INV.EL=62.24	E INV.EL=60.67	S INV.EL=60.64
W INV.EL=61.29	W INV.EL=61.49	S INV.EL=61.35	W INV.EL=60.77	E INV.EL=60.97

MH G14374
RIM EL=68.91
N INV.EL=60.60
S INV.EL=60.53
W INV.EL=60.74

STA. 137+00 MATCH LINE – SEE SHEET U-6

STA. 143+00 MATCH LINE – SEE SHEET U-8

STA. 137+00 TO STA. 143+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 137+00 TO STA. 143+00 BUILD 2" CONDUIT (TRAFFIC LIGHTING)

BUILD 2" STREET LIGHTING CONDUIT RISER, SEE SHEET D-1 DETAIL 11

BUILD 2" STREET LIGHTING CONDUIT

Move to Cherokee (As per Joe L.)

Remove & Replace F.H. (10-30-92) 3-Megalugs (Exist.)

STA. 137+00 TO STA. 143+00 VERIFY USAGE OF 6" ST. WL IF IN-USE EXTEND SERVICE LINES AND CONNECTION TO 10"CI WL AND REMOVE IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES

STA. 137+00 TO STA. 143+00, 23'LT. & CONST.
- BEGIN REMOVAL 8"PVC SAS

STA. 137+57, 15'LT. & CONST.
- REMOVE EXISTING MANHOLE
- END REMOVAL 8"PVC SAS
- BEGIN REMOVAL 8"CP SAS

STA. 137+95, 35'LT. & CONST.
- REMOVE AND SALVAGE TO C.O.A.
- 1–FIRE HYDRANT

ADJUST VALVE TO GRADE

STA. 137+53, 19'RT. & CONST.
- BEGIN CONST. 8"DI SAS
- CONNECT TO EXISTING MANHOLE

STA. 137+57, 15'LT. & CONST.
- END CONST. 8"DI SAS
- BEGIN CONST. 8" SAS
- INSTALL: 4' TYPE 'E' MANHOLE
- CONNECT TO EXISTING SAS LINES

STA. 137+57 TO STA. 140+54 TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 15'LT. & CONST. SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UGT DUCT. FIELD VERIFY DUCT LOCATION.

STA. 137+53, 19'RT. & CONST.
- BEGIN CONST. 8"DI SAS
- CONNECT TO EXISTING MANHOLE

STA. 137+57, 15'LT. & CONST.
- END CONST. 8"DI SAS
- BEGIN CONST. 8" SAS
- INSTALL: 4' TYPE 'E' MANHOLE
- CONNECT TO EXISTING SAS LINES

STA. 137+95, 35'LT. & CONST.
- INSTALL: 1–FIRE HYDRANT
- CONNECT TO EXISTING SERVICE LINE
- FLANGE EL=69.45
- BURY DEPTH=4.0'

STA. 138+00, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 140+09, BUILD LIGHT BASE 4' BACK OF CURB

STA. 140+54, 14'LT. & CONST.
- INSTALL: 8" SAS
- INSTALL: 4' TYPE 'E' MANHOLE

STA. 141+55, 19'RT. & CONST.
- BEGIN CONST. 8"DI SAS
- CONNECT TO EXISTING MANHOLE

STA. 141+57 TO STA. 143+00 TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 15'LT. & CONST. SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UGT DUCT. FIELD VERIFY DUCT LOCATION.

STA. 141+57, 14'LT. & CONST.
- END CONST. 8"DI SAS
- BEGIN CONST. 8" SAS
- INSTALL: 4' TYPE 'E' MANHOLE
- CONNECT TO EXISTING SAS LINE

STA. 141+87, 36'LT. & CONST.
- INSTALL: 1–FIRE HYDRANT
- CONNECT TO EXISTING SERVICE LINE
- FLANGE EL=69.70
- BURY DEPTH=4.0'

STA. 142+00, BUILD LIGHT BASE AT BACK OF SIDEWALK

Remove & Replace F.H. (11-5-92) 1–6" 90° Bend 3 Megalugs (New)

STA. 142+88 (10-6-92) 4" SAS Lt. 4401

ADJUST VALVE TO GRADE

FIELD VERIFY VALVE, ADJUST VALVE TO GRADE IF REQUIRED

SAN LORENZO N.W.

4TH ST. N.W.

SAN CLEMENTE RD N.W.

IBASELINE

PH6 10" CI WL TOP EL.=64.1±

FOR TEST ROADWAY SECTION DETAIL SEE SHT. AD-5

4217 (10-1-92) STA. 140+00 Lt. 4" SAS Service

4227 (10-2-92) STA. 140+34 4" SAS Service

STA. 140+54, 14'LT. & CONST.
- END REMOVAL 8"CP SAS
- REMOVE MANHOLE

STA. 141+55, 19'RT. & CONST.
- BEGIN REMOVAL 8"CP SAS

STA. 141+57, 14'LT. & CONST.
- END REMOVAL 8"CP SAS
- REMOVE MANHOLE

STA. 141+57 TO STA. 143+00, 14'LT. & CONST.
- REMOVE 8"CP SAS

STA. 141+87, 36'LT. & CONST.
- REMOVE AND SALVAGE TO C.O.A.
- 1–FIRE HYDRANT

NOTES

1. SEE SHEET SD-7 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-7 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

Rim=68.70 — SD 18" RCP — 10"WL — Rim=68.88 — SD 42"RCP — SD 12"RCP — 6"WL — UGT — Rim=69.13 — 10"WL — SD INLET LINE — SD 36"RCP — Rim=69.02 — 6"WL

S=0.001

34 LF 8"DI SAS

12 LF 8" D.I.P. SAS (10-5-92)
20 LF (12-15-92)

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

−0.09% +0.3111% −0.1267% +0.0765%

℄ MH=60.10 — ℄ MH=60.60 — ℄ MH=60.60 — ℄ MH=62.27 — ℄ MH=61.10 — ℄ MH=61.27

~~S=0.0048~~ S=.00562

297 L.F. 8" SAS (PVC)

~~S=0.001955~~ S=.00238

256 L.F. 8" SAS (PVC)

12 LF (10-5-92) 8" D.I.P. SAS (12-18-92) 18 LF D.I.P.

S=0.001 33 LF 8"DI SAS

MHG14374 OPP. STA. 137+53, 19'RT.
W INV.EL=60.84
N INV.EL=60.60
S INV.EL=60.53

E INV.EL=~~60.67~~

MHG14371 OPP. STA. 137+57, 15'LT.
RIM=~~68.88~~
N INV.EL=~~68.88~~
W INV.EL=60.77
E INV.EL=~~68.67~~

MHG14274 OPP. STA. 140+54, 14'LT.
RIM=~~69.85~~
S INV.EL=62.23

MHG14273 OPP. STA. 141+55, 19'RT.
W INV.EL=61.26
E INV.EL=61.42
N INV.EL=60.96
S INV.EL=61.05

E INV.EL=61.29

MHG14272 OPP. STA. 141+57, 14'LT.
RIM=~~68.88~~
N INV.EL=~~61.29~~
E INV.EL=61.29
W INV.EL=61.29

INV. EL = 61.57

V.P.I. NO V.C. +00.00 69.5 69.10 | +50.00 69.3 | V.P.I. NO V.C. +00.00 69.2 69.01 | +50.00 69.5 69.06 | +00.00 69.5 69.26 | V.P.I. NO V.C. +50.00 69.6 69.27 | V.P.I. NO V.C. +80.00 69.57 | +00.00 69.6 69.54 | +50.00 69.6 69.48 | +00.00 68.9 69.42 | V.P.I. NO V.C. +30.00 69.38 | +50.00 69.6 69.40 | +00.00 69.6 69.43 | +50.00 69.7 79.47 | V.P.I. NO V.C. +00.00 69.6 69.51

137+00 138+00 139+00 140+00 141+00 142+00 143+00

RECORD DRAWING
Date May 26, 1993
Please drawings have been revised base on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the above document as a result thereof.

2/6 3527.914693

COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	G-14N	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	U-7

20/3081530/UTSE/SEN/1-27-92/TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-8	

STA. 143+00 MATCH LINE – SEE SHEET U-7

STA. 149+00 MATCH LINE – SEE SHEET U-9

STA. 143+00 TO STA. 144+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 143+00 TO STA. 149+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 143+00 TO STA. 149+00 TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 16'LT. ℄ CONST. SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UCT DUCT. FIELD VERIFY DUCCT LOCATION.

STA. 144+00 BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 144+13 (10-6-92) 6" SAS Lt. 44.13 4th

STA. 144+13, 15'LT. ℄ CONST. CONSTRUCT 4' TYPE "E" MANHOLE

STA. 144+64 (10-8-92) 4" SAS Lt.

STA. 145+40 (10-8-92) 4" SAS Lt.

STA. 146+07 BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 146+00 TO STA. 149+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 146+70, 15'LT. ℄ CONST. BEGIN CONSTRUCTION 8" SAS CONSTRUCT 4' TYPE "E" MANHOLE CONNECT TO EXISTING SAS' LINES

STA. 146+81, 18'RT. ℄ CONST. END CONSTRUCTION 8" SAS CONNECT TO EXISTING MANHOLE

STA. 146+82, 10'LT. ℄ CONST. FIELD VARIFY DEPTH OF EXISTING 6" WL LOWER IF REQUIRED

Remove & Replace FH (11-5-92), 1-04 Solid Sleeve 3 Meadows

STA. 146+87, 42'LT. ℄ CONST. INSTALL: 1-FIRE HYDRANT CONNECT TO EXISTING SERVICE LINE FLANGE EL=69.85 BURY DEPTH=4.0'

STA. 148+00 BUILD LIGHT BASE 2' BACK OF CURB

STA. 143+00 TO STA. 149+00, 23'LT. ℄ CONST. VERIFY USAGE OF 6" ST. WL IF IN-USE EXTEND SERVICE LINES AND CONNECTIONS TO 10"CI WL AND REMOVE IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES

STA. 143+00 TO STA. 149+00, 14'RT. ℄ CONST. REMOVE 8"CP SAS

STA. 146+76, 11'RT. ℄ CONST. BEGIN REMOVAL 6" WL EAST & WEST. REMOVE: 1-10"x6" CROSS, 1-6"x22 1/2° BEND

STA. 146+70, 15'LT. ℄ CONST. BEGIN REMOVAL 8" SAS SOUTH REMOVE MANHOLE

STA. 146+87, 42'LT. ℄ CONST. REMOVE AND SALVAGE TO C.O.A. 1-FIRE HYDRANT

PH7A
TELEDUCT 4WAY
PVC W/PCC 4WAY
TOP EL.=65.4±
BOT EL.=64.3±

PH7B
6" STL WL 45° BEND
DOWN-DID NOT LOCATE
NEXT TO UCT
TOP EL.=66.0±

12 LF 8" D.I.P. SAS (10-8-92)
22 LF (More) 8" D.I.P. (12-21-92)

4 TH ST. N.W.

FREEMAN AVE. N.W.

EXISTING SAS MH DATA		
MH G14171	MH G14174	E INV.EL=61.69
RIM EL.=69.65	RIM EL.=69.69	W INV.EL=61.80
N INV.EL=61.82	N INV.EL=62.00	
S INV.EL=61.77	S INV.EL=62.53	
E INV.EL=61.96		
W INV.EL=62.02		

NOTES

1. SEE SHEET SD-8 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-8 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

Rim = 69.09 — 10" WL — 18" SD — 36" SD — 12" SD — Rim = 69.05

℄ MH = 61.73 — 18" SD — 12" SD — 8" SAS — 6" WL

S=-0.0006
35 LF
8"DI SAS

-0.0257% — Rim = 69.18 — EXIST. GRADE AT ℄ 4th STREET — +0.0000%

TH5
5"AC
6.5"ABC
SILTY SAND (SM)
4.5'

PROFILE GRADE ℄ CONSTRUCTION

0.00238 S=~~0.001953~~
256 LF 8" SAS (PVC)
℄ MH = 61.88

0.00202 S=~~0.001984~~
257 LF 8" SAS (PVC)

℄ MH = 61.95
62.40 12" SD

0.0016 S=~~0.0014~~
354 LF 8" SAS (PVC)

MH G14272A
STA. 144+13, 15'LT. ℄ CONST.
RIM EL=~~69.26~~
N INV.EL=~~61.66~~
S INV.EL=~~61.79~~

INV.EL=61.57

MH G14171
OPP. STA. 146+81, 19'RT.
W INV.EL=61.78
N INV.EL=61.82
S INV.EL=61.75
E INV.EL=61.91

MH G14174
E INV.EL=61.80

MH G14174
OPP. STA. 146+70, 15'LT.
RIM EL=~~69.66~~
S INV.EL=62.40
N INV.EL=61.90
E INV.EL=61.80
W INV.EL=61.80

INV.EL=62.22

| V.P.I. NO V.C. | | |

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-9	

EXISTING SAS MH DATA					
MH G14075	MH G14075A	MH G14078	MH G14081	MH G14083	MH G14084
RIM EL=70.30	RIM EL=70.03	RIM EL=70.00	RIM EL=70.24	RIM EL=70.25	RIM EL=70.03
N INV.EL=60.86	S INV.EL=63.45	N INV.EL=62.50	N INV.EL=59.47	N INV.EL=62.68	N INV.EL=62.06
S INV.EL=62.47		S INV.EL=62.51	E INV.EL=59.00	S INV.EL=62.33	S INV.EL=62.30
E INV.EL=59.34		W INV.EL=62.77	W INV.EL=59.38	SE INV.EL=65.15	E INV.EL=62.28
W INV.EL=59.35					W INV.EL=62.27

STA. 149+00 MATCH LINE – SEE SHEET U-8

STA. 155+00 MATCH LINE – SEE SHEET U-10

STA. 149+00 TO STA. 155+00
BUILD 2" CONDUIT (STREET LIGHTING)

STA. 149+00 TO STA. 155+00
TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 16' LT. & CONST. SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UGT DUCT. FIELD VERIFY DUCT LOCATION

STA. 149+85, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 150+24, 15'LT. & CONST.
CONNECT 8" SAS TO EXISTING MANHOLE

ADJUST VALVE TO GRADE

Remove & Replace FH
1-6"90° bend, 3 Megalugs

STA. 150+48, 39'LT. & CONST.
INSTALL: 1-FIRE HYDRANT
CONNECT TO EXISTING 6" SERVICE LINE
FLANGE EL=70.30
BURY DEPTH=4.0'

STA. 152+50 Lt (10-15-92)
4" SAS Service

STA. 152+10, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 153+33
BUILD LIGHT BASE
RELOCATE EXISTING POLE AND FIXTURE
RECONNECT AERIAL CIRCUIT

~~STA. 153+11, 17'LT. & CONST.~~
~~END CONSTRUCTION 8" SAS~~
~~CONNECT TO EXISTING MANHOLE~~

STA. 153+46, 43'LT. & CONST.
CONNECT TO EXISTING 6" SERVICE LINE
INSTALL: 1-6" TRANSITION COUPLING; BLOCKING
10 LF 6" SERVICE LINE

STA. 153+50, 52'LT. & CONST.
INSTALL: 1-FIRE HYDRANT
FLANGE EL=70.6
BURY DEPTH=4.0'
ROTATE BARREL NORTH

~~STA. 153+81, 18'LT. & CONST.~~
~~BEGIN CONSTRUCTION 8" SAS~~
~~CONNECT TO EXISTING MANHOLE~~

STA. 154+03, 40'RT. & CONST.
INSTALL: 1-6" 90° BEND;
1-6" TRANSITION COUPLING; BLOCKING

STA. 154+03, 51'RT. & CONST.
RELOCATE EXISTING FIRE HYDRANT
FLANGE EL=70.70
BURY DEPTH=4.0'
END CONSTRUCTION 6" SERVICE LINE
ROTATE BARREL SOUTH

STA. 154+05, 10'LT. & CONST.
LOWER 12" WL TO CLEAR STORM DRAIN

FH (10-26-92)
3 Resl. Joints, 9 LF Pipe, 1-22½° bend, 1-11¼° bend

BUILD 2" STREET LIGHTING CONDUIT RISER
SEE SHEET D-3, DETAIL 11

BUILD 2" STREET LIGHTING CONDUIT

STA. 154+03 TO STA. 154+13
2" LT. & CONST.
ENCASE 8" SAS

STA. 154+67, BUILD LIGHT BASE AT BACK OF SIDEWALK
(RELOCATE EXISTING POLE AND FIXTURE. RECONNECT AERIAL CIRCUIT BY OTHERS)

Meter Pad

Pull Box

New 4' SAS MH

New 4' SAS MH

ADJUST VALVE TO GRADE

ADJUST VALVE TO GRADE

ADJUST VALVE TO GRADE

4 TH ST. N.W.

BELLROSE AVE. N.W.

GRIEGOS RD. N.W.

GRIEGOS RD. N.W.

4529 4601 4603 4605 4625 4701 4518 4520 4522 4524 4624 4700

G14078 G14084 G14083 G14081 G14075 G14075A G14078

STA. 149+00 TO STA. 155+00, 23'LT. & CONST. VERIFY USAGE OF 6" ST. WL IF IN-USE EXTEND SERVICE LINES AND CONNECTIONS TO 10"CI WL AND REMOVE IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES

STA. 149+00, 17'LT. & CONST.
BEGIN REMOVAL 8"CP SAS

STA. 150+24, 15'LT. & CONST.
REMOVE MANHOLE G14078

STA. 150+48, 39'LT. & CONST.
REMOVE AND SALVAGE TO C.O.A.
1-FIRE HYDRANT

FIELD VERIFY USAGE OF REPORTED 2" GAS ALONG WEST CURB. COORDINATE REMOVAL WITH GNM

STA. 153+41, 17'LT. & CONST.
END REMOVAL 8"CP SAS
REMOVE MANHOLE

STA. 153+46, 43'LT. & CONST.
REMOVE AND SALVAGE TO C.O.A.
1-FIRE HYDRANT

STA. 153+81, 18'LT. & CONST.
BEGIN REMOVAL 8"CP SAS
REMOVE MANHOLE

STA. 153+96, 37'RT. & CONST.
BEGIN REMOVAL 6" SERVICE LINE

STA. 154+03, 40'RT. & CONST.
REMOVE AND RELOCATE FIRE HYDRANT
END REMOVAL OF 6" SERVICE LINE

PH8
TELE DUCT 6 WAY PVC
TOP EL.=69.0±
BOT. EL.=66.1±
6" STL WL
TOP EL.=68.0±
2" STL GAS

SEE SHT AD-6 FOR DETAILS

FIELD VERIFY VALVE ADJUST TO GRADE IF REQUIRED

ADJUST VALVE TO GRADE

Remove & Replace FH

NOTES

1. SEE SHEET SD-9 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-9 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEETS S1-S3 FOR 15"SAS REPLACEMENT.

HORIZ. 1"=20'
VERT. 1"=5'

4975 4970 4965 4960

+0.0705% Rim=69.43 +0.3150% Rim=70.16 EXIST. GRADE AT ℄ 4th STREET 0.0000% Rim=70.40 Rim=70.18

SD 12"RCP NEW 12" SD 6"WL SD 48"RCP 4"GAS UGT 12" WL 12" WL (RELOCATED) NEW 12" SD

PROFILE GRADE ℄ CONSTRUCTION

STA. 152+55 (10-15-92)
New 4' SAS MH
End 8" SAS

(10-15-92)
STA. 154+31± Added 4'MH (SAS)

S=~~0.0014~~ 0.00116
354 L.F. 8" SAS (PVC)
℄ MH 62.36

S=~~0.0030~~ 0.00378
231 ~~317~~ L.F. 8" SAS (PVC)
℄ MH 63.23

S=0.064
50 LF 8" SAS (PVC)
℄ MH 59.26

S=~~0.0013~~ 0.00160
~~401~~ L.F. 8"SAS (PVC)
℄ MH 62.46

Encased (10-15-92) .25 C.Y.

INV. EL = 62.22

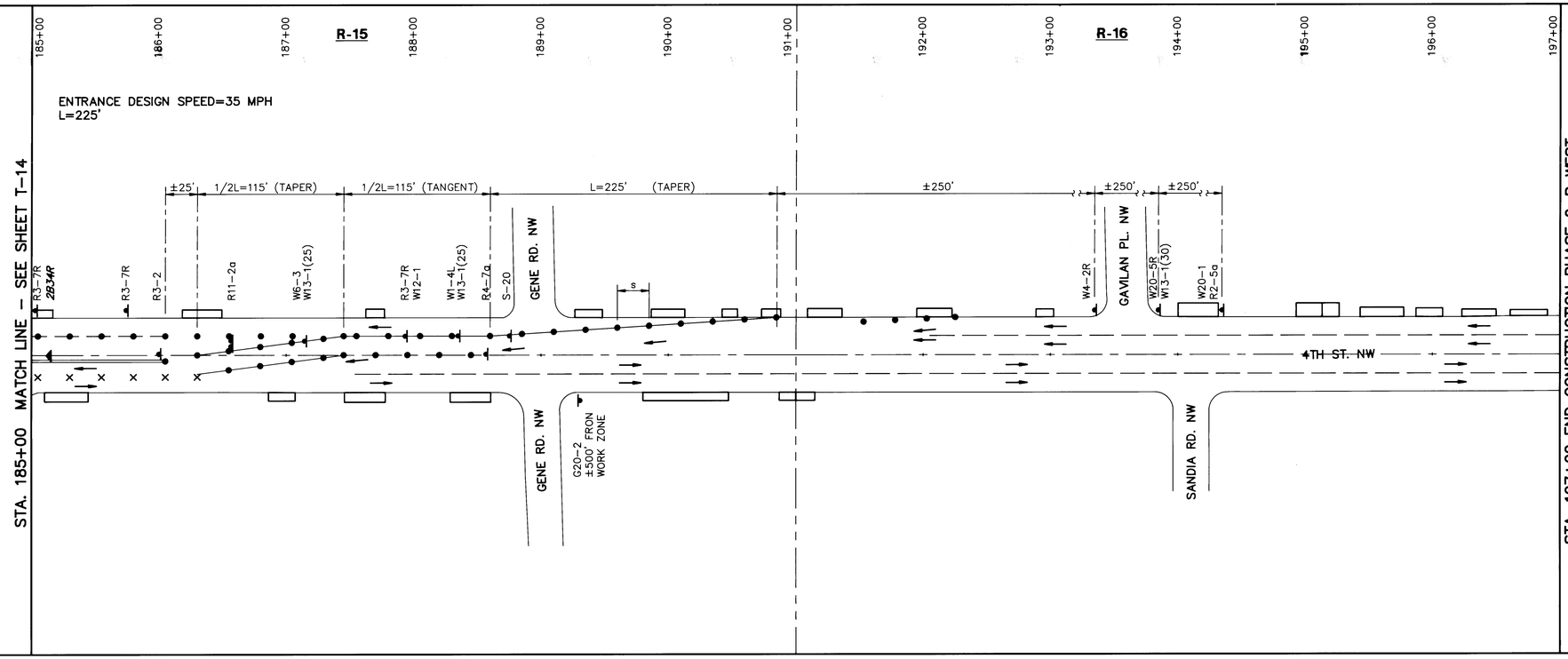
G14078
STA. 150+24, 15' LT. & CONST.
N INV. EL=62.50
S INV. EL=62.40
W INV. EL=62.77

G14075A
STA. 153+41, 17' LT. & CONST.
S INV. EL=63.45

G14075
STA. 153+81, 17'LT. & CONST.
N INV.EL=62.47
S INV.EL=63.34
E INV.EL=59.39
W INV.EL=59.35
N INV.EL=60.86

INV. EL = 62.63

| | | | | |



GENERAL NOTES

1. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS

RECORD DRAWING
Date May 26, 1993
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APPROX. SCALE: 1"=50'

50/808153CD17/P2-3WEST/1-29-92/PCS

26 3527.917193

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR MCC Inc.
WORK STAKED BY Contractor DATE
INSPECTORS ACCEPTANCE BY L.A.D. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L-H Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
DESIGNED BY		DATE 1-29-92	
DRAWN BY		DATE 1-29-92	
CHECKED BY		DATE 1-29-92	CAD

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 2-B
WEST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	1-31-92	WATER	[signature]	1-31-92
TRANSPORTATION	N/A CHD	1-31-92	WASTE WATER	[signature]	"
HYDROLOGY	N/A SAB	1-31-92			
Construction	[signature]	1-31-92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-15 OF —

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-10	

EXISTING SAS MH DATA	
MH F14983	MH F14984
RIM EL.=70.78	RIM EL.=70.56
N INV.EL.=60.15	S INV.EL.=63.00
S INV.EL.=60.11	
W INV.EL.=61.51	

STA. 155+00 MATCH LINE – SEE SHEET U-9

STA. 161+00 MATCH LINE – SEE SHEET U-11

STA. 155+00 STA. 160+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 155+00 TO STA. 161+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 155+00 TO STA. 157+82 TRENCH PROTECTION FOR INSTALLATION OF THE 8" SAS 17' LT. CONSTRUCTION SHALL BE ADEQUATE TO PREVENT DAMAGE TO EXISTING UGT DUCT. FIELD VERIFY DUCT LOCATION

STA. 156+00, BUILD LIGHT BASE AT BACK OF SIDEWALK

BUILD LIGHT BASE RELOCATE EXISTING POLE AND FIXTURE

STA. 157+82, 17'LT. ℄ CONST. END CONST. 8" SAS CONSTRUCT 4' TYPE 'E' MANHOLE

STA. 158+00, BUILD LIGHT BASE 4' BACK OF CURB

STA. 159+93, BUILD LIGHT BASE AT BACK OF SIDEWALK

PALO DURO AVE. N.W.

4 TH ST. N.W.

℄ CONSTRUCTION

ADJUST VALVE TO GRADE

27 LF (6-10-92)

12 LF (6-16-92)

Added

STA. 155+00, 17'LT. BEGIN REMOVAL OF 8" SAS

STA. 155+00 TO 156+00, 22'LT. ℄ CONST. VERIFY USAGE OF 6" ST. WL. IF IN-USE EXTEND SERVICE LINES AND CONNECTION TO 10"CI WL AND REMOVE. IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES

STA. 155+00 TO STA. 161+00 ALONG WEST CURB VERIFY USAGE OF 2" GAS COORDINATE REMOVAL WITH GNM

STA. 157+82, 17'LT. ℄ CONST. END REMOVAL 8"CP SAS REMOVE MANHOLE

NOTES

1. SEE SHEET SD-10 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R-10 FOR ROADWAY CONSTRUCTION.
3. SEE SHEETS S1-S3 FOR 15"SAS REPLACEMENT.
4. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.

HORIZ. 1"=20'
VERT. 1"=5'

SD 12"RCP (REMOVE)

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

0.0000%

+0.1620%

+0.0126%

+0.1242%

Rim=70.51

TH6
7"AC
5"ABC
SILTY SAND
(SM)

S=~~0.0013~~ 0.00160

351 ~~401~~ LF 8"SAS (PVC)

℄ MH 63.02

INV. EL. = 62.63

MH F14984
STA. 157+82, 17'LT. ℄ CONST.
RIM EL.=70.51
S INV.EL.=63.00

| | | |

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-11	

EXISTING SAS MH DATA		
MH F14881 RIM EL.=71.59 N INV.EL.=60.82 S INV.EL.=60.96 E INV.EL.=63.79	MH F14883 RIM EL.=71.26 INV.EL.=UNKN.	MH F14981 RIM EL.=70.99 N INV.EL.=60.48 S INV.EL.=60.44 E INV.EL.=62.57

STA. 161+00 MATCH LINE – SEE SHEET U-10

STA. 167+00 MATCH LINE – SEE SHEET U-12

STA. 161+00 TO STA. 167+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 161+80, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 161+80 TO STA. 167+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 163+82, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 166+00, BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 166+55, 38°RT. ℄ CONST. INSTALL: 1–6" 90° BEND; 1–6" TRANSITION COUPLING; BLOCKING. CONNECT TO EXISTING 6" SERVICE LINE

STA. 166+55, 39°RT. ℄ CONST. ~~RELOCATE~~ EXISTING FIRE HYDRANT FLANGE EL.=71.55 BURY DEPTH=4.0 ROTATE BARREL SOUTH

Replaced

Added

SHANGHRI LA RD. N.W.

4 TH ST. N.W.

SAN ANDRES AVE. N.W.

ADJUST VALVES TO GRADE

ADJUST VALVE TO GRADE

ADJUST VALVE TO GRADE

STA. 161+00 TO 167+00, 19'LT. ℄ CONST. VERIFY USAGE OF 6" WL IF IN–USE EXTEND SERVICE LINES AND CONNECTIONS TO 10"ØPVC WL AND REMOVE. IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES

PH9
10"CI WL
TOP EL.=66.3±

12 LF (6-10-92)

12 LF (6-6-92)

12 LF (6-16-92)

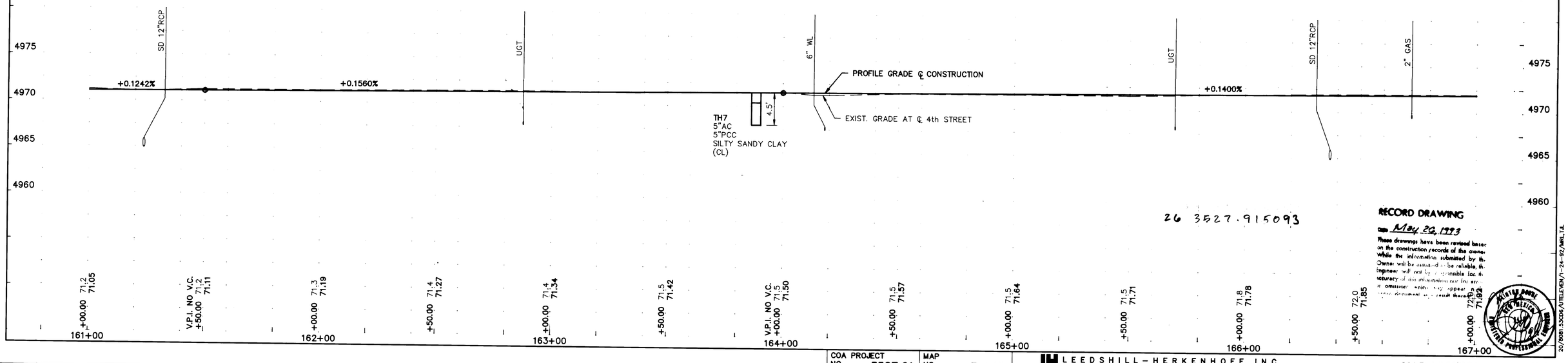
STA. 166+40
17 LF (6-11-92)

STA. 166+55, 38°RT. ℄ CONST. REMOVE AND RELOCATE FIRE HYDRANT

NOTES

1. SEE SHEET SD–11 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R–11 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEETS S1–S5 FOR 15" SAS CONSTRUCTION.

HORIZ. 1"=20'
VERT. 1"=5'



26 3527.915093

RECORD DRAWING

Date May 20, 1993

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of the information nor for any omission which may appear ... result therefrom.

COA PROJECT NO. 3527.91	MAP NO. F–14S	LEEDSHILL–HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	N.M. PROJECT NO. MAP-2351(901)	SHEET U-11

20/0081.SCDS/UTELEVEN/1-24-92/MRL,T.A.

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-12	

EXISTING SAS MH DATA
MH F14782
RIM EL.=71.99
N INV.EL.=61.34
S INV.EL.=61.37
E INV.EL.=63.08
W INV.EL.=61.78

STA. 167+00 MATCH LINE – SEE SHEET U-11

STA. 173+00 MATCH LINE – SEE SHEET U-13

STA. 167+00 TO STA. 173+00 BUILD 2" CONDUIT (STREET LIGHTING)

STA. 167+00 TO STA. 173+00 BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 168+00 BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 169+80 BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 171+00 BUILD LIGHT BASE AT BACK OF SIDEWALK

PH10
TEL. DUCT BANK
±4' WIDE
TOP EL.=68.3±
BOT EL.=66.4±

ADDENDUM #2 ~ 2" Conduit 8' East of West Curb & Gutter from Delamar to Sanchez

BUILD 2" STREET LIGHTING CONDUIT

BUILD 2" STREET LIGHTING CONDUIT RISER, SEE SHEET D-3, DETAIL 11 (Moved to West Side)

4 TH ST. N.W.

℄ CONSTRUCTION

DELAMAR RD N.W.

STA. 167+26, Rt. 1" Gas Service 4 LF

STA. 167+78, Rt. 1" Gas Service 3 LF

STA. 172+19, Rt. Gas Line 13 LF

27 LF Gas (6-23-92)

15 LF Gas (6-23-93)

STA. 167+00 TO STA. 173+00, 4'± LT. & CONST. VERIFY USAGE OF 6" ST. WL IF IN-USE EXTEND SERVICE LINES AND CONNECTIONS TO 10"CI WL AND REMOVE IF ABANDONED REMOVE ALONG WITH FITTINGS AND VALVES.

NOTES

1. SEE SHEET R-12 FOR ROADWAY CONSTRUCTION.
2. SEE SHEET SD-12 FOR STORM DRAIN CONSTRUCTION.
3. SEE SHEET D-2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEETS S1-S3 FOR 15"SAS CONSTRUCTION.

HORIZ. 1"=20'
VERT. 1"=5'

SD 12"RCP
SAS 8"PVC
6"CI WL
UGT

+0.1400% +0.1467% +0.0800%

PROFILE GRADE ℄ CONSTRUCTION

EXIST. GRADE AT ℄ 4th STREET

	167+00	168+00	169+00	170+00	171+00	172+00	173+00
+00.00	72.0 71.92	72.1 72.06	V.P.I. NO V.C. 72.2 72.20	72.2 72.35	V.P.I. NO V.C. 72.3 72.42	72.3 72.46	72.4 72.54
+50.00	72.0 71.99	72.1 72.13	72.2 72.27			72.3 72.50	72.4 72.58
							72.5 72.62

RECORD DRAWING
Date May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

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COA PROJECT NO.	MAP NO.		N.M. PROJECT NO.	SHEET
3527.91	F-14S	LEEDSHILL-HERKENHOFF, INC. ALBUQUERQUE SANTA FE SAN DIEGO	MAP-2351(901)	U-12

20/8081.3526/DTTWELVE/1-27-92/MRL.TJL

F.H.W.A. Region No.	STATE	NMP	SHEET NO.	TOTAL SHEETS
6	NEW MEXICO	MAP 2351(901)	U-13	

EXISTING SAS MH DATA			
MH F14681	MH F14682	MH F14683	MH F14587
RIM EL=72.48	RIM EL=72.30	RIM EL=72.38	RIM EL=73.21
N INV.EL=62.88	N INV.EL=69.92	N INV.EL=62.45	N INV.EL=66.39
S INV.EL=61.99	SW INV.EL=61.86	W INV.EL=62.49	S INV.EL=66.39
E INV.EL=64.52	W INV.EL=62.47	E INV.EL=62.50	W INV.EL=66.85

STA. 173+00 MATCH LINE – SEE SHEET U-12

STA. 173+00 TO STA. 179+00
BUILD 2" CONDUIT (STREET LIGHTING)

STA. 173+00 TO STA. 179+00
BUILD 2" CONDUIT (TRAFFIC SIGNAL)

STA. 173+75
BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 173+90± TO STA. 174+50
INSTALL 4 PULL BOXES AND 190'± 3" PVC CONDUIT FOR FUTURE SIGNALIZATION, SEE PLAN

DOUGLAS MACARTHUR RD. N.W.

5209

3"PVC CONDUIT

TH8

F14683

F14682

F14681

SAS 8"

SD

STA. 174+21, 19'LT. ℄ CONST.
BEGIN REMOVAL 8" SAS
REMOVE: 1–MANHOLE

STA. 174+21, 19'LT. ℄ CONST.
BEGIN CONSTRUCTION 8" SAS
CONSTRUCT 4' TYPE 'E' MANHOLE
CONNECT TO EXISTING SAS LINES

5301

Remove & Replace FH
(10-2-92) 1 Exg. Megalugs

STA. 175+46, 32'RT. ℄ CONST.
INSTALL 1–FIRE HYDRANT
ANGLE ELEV. 4973.40
BURY DEPTH 4.5'

STA. 175+46, 32'LT. ℄ CONST.
REMOVE AND SALVAGE TO C.O.K.
1–FIRE HYDRANT

5230

STA. 175+75
BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 176+15, Lt. (9-15-92)
16 L.F. 4" SAS Service tied
to 8" SAS

5307

STA. 175+83 TO 179+00, 25'RT.
℄ CONST.
VERIFY USAGE OF 4"ST. WL
IF IN–USE EXTEND SERVICE LINES
AND CONNECTIONS TO 10"CI WL AND
– REMOVE
IF ABANDONED REMOVE ALONG WITH
FITTINGS AND VALVES

5222

STA. 173+00 TO
STA. 179+00 23'LT. ℄ CONST.
VERIFY USAGE OF 6"CI WL IF
IN–USE EXTEND SERVICE LINES
– AND CONNECTIONS TO 10"CI WL
– AND REMOVE IF ABANDONED REMOVE
ALONG WITH FITTINGS AND VALVES

5209

NATALIE AVE. N.W.

5308 5310 5312 5314 5316

STA. 175+83, 25'RT. ℄ CONST. TO
STA. 175+83, 23'LT. ℄ CONST.
REMOVE 4"ST. WL

STA. 178+00
BUILD LIGHT BASE AT BACK OF SIDEWALK

STA. 178+23, 18'LT. ℄ CONST.
END CONSTRUCTION 8" SAS LINE
CONSTRUCT 4' TYPE 'E' MANHOLE

STA. 178+47, 18'LT. ℄ CONST.
BEGIN CONSTRUCTION 8" SAS LINE
CONSTRUCT 4' TYPE 'E' MANHOLE
CONNECT TO EXISTING SAS LINES

5309

BERRY RD. N.W.

5333

PH11
TEL. DUCT
3–6" AC CONDUITS
TOP EL.=69.8±
BOT EL.=68.0±

F14587A

F14587

Removed MH

4 TH ST. N.W.

5324

STA. 178+47, 18'LT. ℄ CONST.
REMOVE: 1–MANHOLE

STA. 179+00 MATCH LINE – SEE SHEET U-14

6 LF Gas (6-25-92)

26 LF Gas (6-23-92)

37 LF (7-28-92)
℄ CONSTRUCTION

10 LF Gas (6-25-92)

New SAS MH

NOTES

1. SEE SHEET SD–13 FOR STORM DRAIN CONSTRUCTION.
2. SEE SHEET R–13 FOR ROADWAY CONSTRUCTION.
3. SEE SHEET D–2 FOR TYPICAL UTILITY SECTION.
4. SEE SHEETS S1–S3 FOR 15" SAS CONSTRUCTION.

HORIZ. 1"=20'
VERT. 1"=5'

2" GAS HP STL
SAS 8" PVC
WL 6" CI
12" SD
WL 6"
2" GAS HP STL
SD 12" RCP (REMOVE)
WL 6" CI
3" UGT
18" SD
SD 18" RCP
2" GAS HP STL
WL 6" CI

+0.0800%
Rim= 72.32
+0.1000%
Rim= 72.53
PROFILE GRADE ℄ CONSTRUCTION
+0.2850%
0.0000%
Rim= 73.22
EXIST. GRADE AT ℄ 4th STREET

TH8
6.5"AC
3"ABC
SILTY SAND
(SM)

Flow
S=0.007612
402 LF 8"SAS
101 LF 8" SAS PVC (New)
S=0.00342
325 LF 8" SAS PVC
S= 0.00513
297 LF 8"SAS

℄ MH= 62.55
℄ MH= 63.22
℄ MH= 63.66

MHF14683
STA. 174+21, 19'LT. ℄ CONST.
RIM EL=72.28
N INV.EL=62.60
E INV.EL=62.50
W INV.EL=62.50

STA. 175+22
New 4' SAS MH
Inv. El= 63.35

MHF14687A
STA. 178+23, 18'LT. ℄ CONST.
RIM EL=73.17
S INV.EL=66.66

MHF14587
STA. 178+47, 18'LT. ℄ CONST.
RIM EL=73.33
N INV.EL=66.40
W INV.EL=66.85

INV.EL=66.10

RECORD DRAWING
Date May 26, 1993
These drawings are based on the construction drawings of the owner. While they are submitted by the Owner as reliable the Engineer assumes no responsibility for the accuracy of the information nor for errors or omissions which may appear in the record document as a result thereof.

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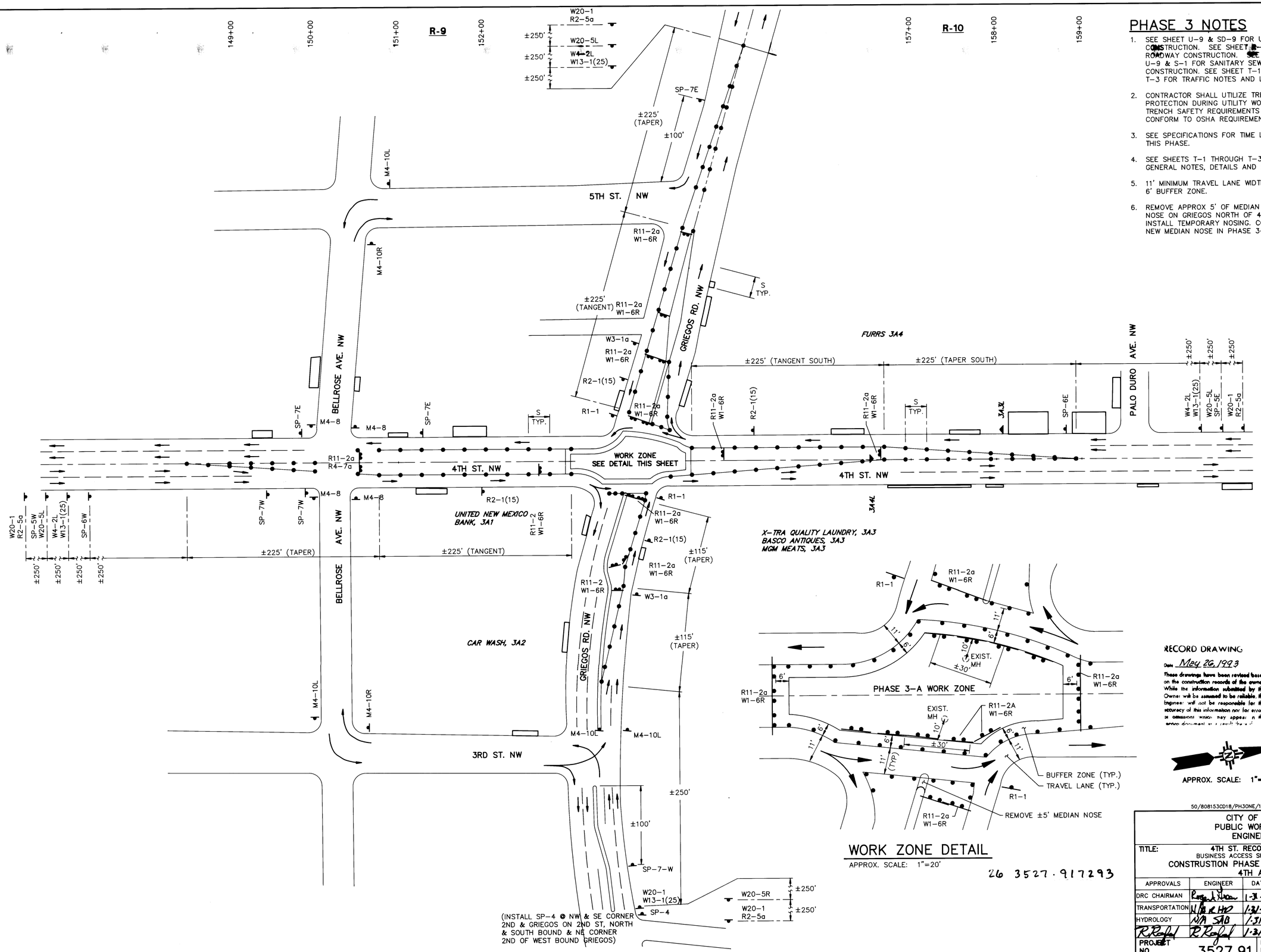
| | | |

PHASE 3 NOTES

1. SEE SHEET U-9 & SD-9 FOR UTILITY CONSTRUCTION. SEE SHEET R-9 FOR ROADWAY CONSTRUCTION. SEE SHEET U-9 & S-1 FOR SANITARY SEWER CONSTRUCTION. SEE SHEET T-1 THROUGH T-3 FOR TRAFFIC NOTES AND LEGEND.
2. CONTRACTOR SHALL UTILIZE TRENCH PROTECTION DURING UTILITY WORK. ALL TRENCH SAFETY REQUIREMENTS SHALL CONFORM TO OSHA REQUIREMENTS.
3. SEE SPECIFICATIONS FOR TIME LIMITS FOR THIS PHASE.
4. SEE SHEETS T-1 THROUGH T-3 FOR GENERAL NOTES, DETAILS AND SIGNS.
5. 11' MINIMUM TRAVEL LANE WIDTHS; 6' BUFFER ZONE.
6. REMOVE APPROX 5' OF MEDIAN CURB NOSE ON GRIEGOS NORTH OF 4TH AND INSTALL TEMPORARY NOSING. CONSTRUCT NEW MEDIAN NOSE IN PHASE 3-B.



WORK ZONE DETAIL

APPROX. SCALE: 1"=20'

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RECORD DRAWING

Date May 26, 1993

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APPROX. SCALE: 1"=50'

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STARTED BY Contractor DATE
WORK COMPLETED AS-BUILTS DATE
ACCEPTANCE BY CAO DATE
FINAL VERIFICATION BY DATE
DRAWINGS CORRECTED BY L-H, Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	REMARKS	BY	DATE
	REVISIONS		
	DESIGN	DATE 1-29-92	
	DESIGNED BY Charles Schmidt	DATE 1-29-92	
	DRAWN BY		
	CHECKED BY	CD	DATE 1-29-92

50/808153CD18/PH3ONE/1-27-92/MDJ,TJL

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUSTION PHASE 3, QUADRANT 1 WORK ZONE
4TH AND GRIEGOS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION		1-31-92	WASTE WATER		"
HYDROLOGY		1-31-92			
		1-31-92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-16 OF —

PHASE 3 NOTES

1. SEE SHEET U-9 & SD-9 FOR UTILITY CONSTRUCTION. SEE SHEET R-9 FOR ROADWAY CONSTRUCTION. SEE SHEET U-9 & S-1 FOR SANITARY SEWER CONSTRUCTION. SEE SHEET T-1 THRU T-3 FOR TRAFFIC NOTES AND LEGEND.
2. CONTRACTOR SHALL UTILIZE TRENCH PROTECTION DURING UTILITY WORK. ALL TRENCH SAFETY REQUIREMENTS SHALL CONFORM TO OSHA REQUIREMENTS.
3. SEE SPECIFICATIONS FOR TIME LIMITS FOR THIS PHASE.
4. 11.0' MINIMUM TRAVEL LANE WIDTHS; 6' BUFFER ZONE.
5. PHASE 3-B WORK CANNOT BE PERFORMED UNTIL CANDELARIA ROAD WORK IS COMPLETED.
6. THIS PHASE MAY BE COMBINED WITH THE END OF PHASE 1-A OR BEGINNING OF PHASE 1-B WITH COA PRIOR WRITTEN APPROVAL. TIME CONSTRAINTS WILL STILL APPLY TO THIS PHASE IF COMBINING IS ALLOWED.
7. SEE GENERAL TRAFFIC CONTROL NOTE 11, SHEET T-1 TO HAVE SIGNALS DISCONNECTED OR SET TO FLASHING STATUS.

R-9

149+00 150+00 151+00 152+00

MATCH LINE WEST

5TH ST. NW

BELLROSE AVE. NW

FREEMAN AVE. NW

GRIEGOS RD. NW

6TH ST. NW

4TH ST. NW

3RD ST. NW

2ND ST. NW

PALO DURO AVE. NW

JUPITER ST. NW

ALAMEDA DRAIN

FURRS 3A4

PHASE 3-B WORK ZONE

INSTALL SP-5E AT GRIEGOS AND 10TH ST. AND GRIEGOS AND 12TH ST.

INSTALL SP-5E AT 4TH ST. NORTH OF DELMAR

X-TRA QUALITY LAUNDRY, 3A3
BASCO ANTIQUES, 3A3
MGM MEATS, 3A3

UNITED NEW MEXICO BANK DRIVE-THROUGH, 3A1

CAR WASH, 3A2

REMOVE APPROX. 40' OF MEDIAN AND INSTALL TEMPORARY SURFACING. REPLACE MEDIAN AFTER THIS PHASE.

MATCH LINE EAST

RECORD DRAWING
Date May 26, 1993
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APPROX. SCALE: 1"=50'

26 3527.917393
50/808153C018/PH3BEAST/01-24-92/TJL

AS BUILT INFORMATION
CONTRACTOR NCC, Inc
STAKED BY Contractor DATE
INSPECTOR'S ASSISTANCE BY LAO. DATE
FIELD VERIFICATION BY DATE
COMPILED BY L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

ENGINEER'S SEAL

NO. DATE REMARKS BY
REVISIONS
DESIGNED BY
DRAWN BY
CHECKED BY
DESIGN DATE 1-29-92
DATE 1-29-92
DATE 1-29-92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 3-B
EAST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION	N/A	1-31-92	WASTE WATER		"
HYDROLOGY	N/A	1-31-92			
ConstCom		1-31-92			

PROJECT NO. 3527.91 MAP NO. — SHEET T-17 OF —

PHASE 3 NOTES

1. SEE SHEET U-9 & SD-9 FOR UTILITY CONSTRUCTION. SEE SHEET R-9 FOR ROADWAY CONSTRUCTION. SEE SHEET U-9 & S-1 FOR SANITARY SEWER CONSTRUCTION. SEE SHEET T-1 THRU T-3 FOR TRAFFIC NOTES AND LEGEND.
2. CONTRACTOR SHALL UTILIZE TRENCH PROTECTION DURING UTILITY WORK. ALL TRENCH SAFETY REQUIREMENTS SHALL CONFORM TO OSHA REQUIREMENTS.
3. SEE SPECIFICATIONS FOR TIME LIMITS FOR THIS PHASE.
4. 11.0' MINIMUM TRAVEL LANE WIDTHS; 6' BUFFER ZONE.
5. PHASE 3-C WORK CANNOT BE PERFORMED UNTIL CANDELARIA ROAD WORK IS COMPLETED.
6. THIS PHASE MAY BE COMBINED WITH THE END OF PHASE 2-A OR BEGINNING OF PHASE 2-B WITH COA PRIOR WRITTEN APPROVAL. TIME CONSTRAINTS WILL STILL APPLY TO THIS PHASE IF COMBINING IS ALLOWED.
7. SEE GENERAL TRAFFIC CONTROL NOTE 11, SHEET T-1 TO HAVE SIGNALS DISCONNECTED OR SET TO FLASHING STATUS.

R-9

149+00 150+00 151+00 152+00

MATCH LINE WEST

5TH ST. NW

FREEMAN AVE. NW

BELLROSE AVE. NW

GRIEGOS RD. NW

6TH ST. NW

INSTALL SP-5E AT GRIEGOS AND 10TH ST. AND GRIEGOS AND 12TH ST.

PHASE 3-C WORK ZONE

FURRS 3A4

PALO DURO AVE. NW

4TH ST. NW

INSTALL SP-5W AT 4TH ST. NORTH OF DELMAR

UNITED NEW MEXICO BANK, 3A1

CAR WASH, 3A2

X-TRA QUALITY LAUNDRY, 3A3
BASCO ANTIQUES, 3A3
MGM MEATS, 3A3

3RD ST. NW

MATCH LINE EAST

JUPITER ST. NW

ALAMEDA DRAIN

2ND ST. NW

G20-2

APPROX. SCALE: 1"=50'

RECORD DRAWING
Date May 26, 1993
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26 3527.917493
50/8081.53CD18/PH3CWEST/1-24-92/TJL

AS BUILT INFORMATION
CONTRACTOR MCC, Inc
STAKED BY Contractor DATE
INSPECTION & ACCEPTANCE BY C.O.A. DATE
FIELD VERIFICATION BY DATE
MARKINGS CORRECTED BY C-H, Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 1-29-92
			DATE 1-29-92
			DATE 1-29-92

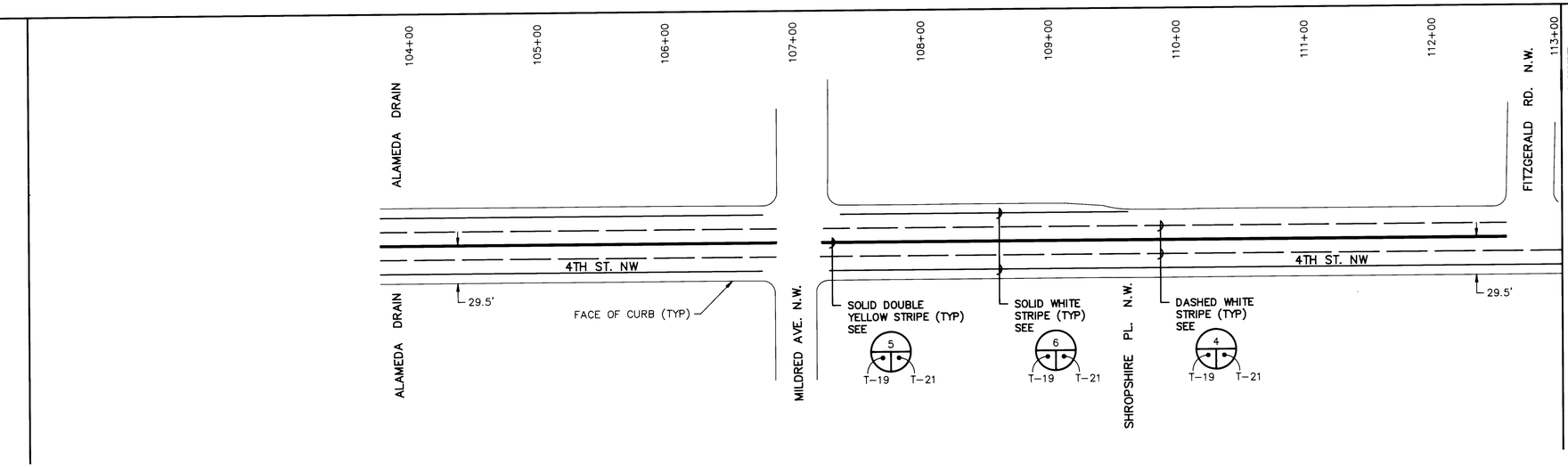
DESIGNED BY
DRAWN BY
CHECKED BY

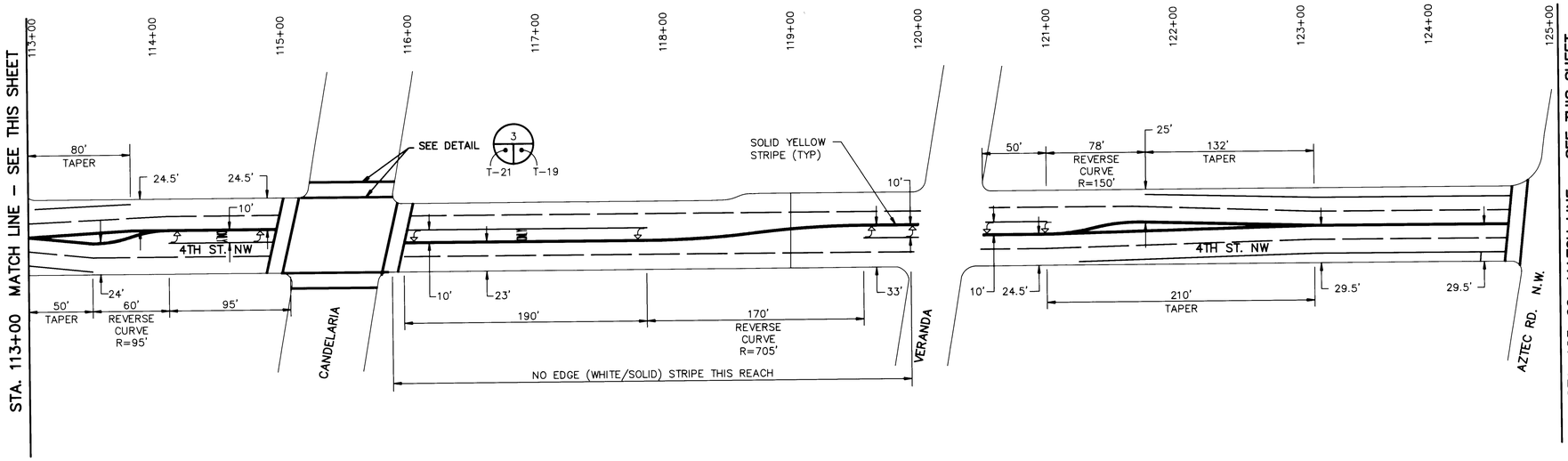
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

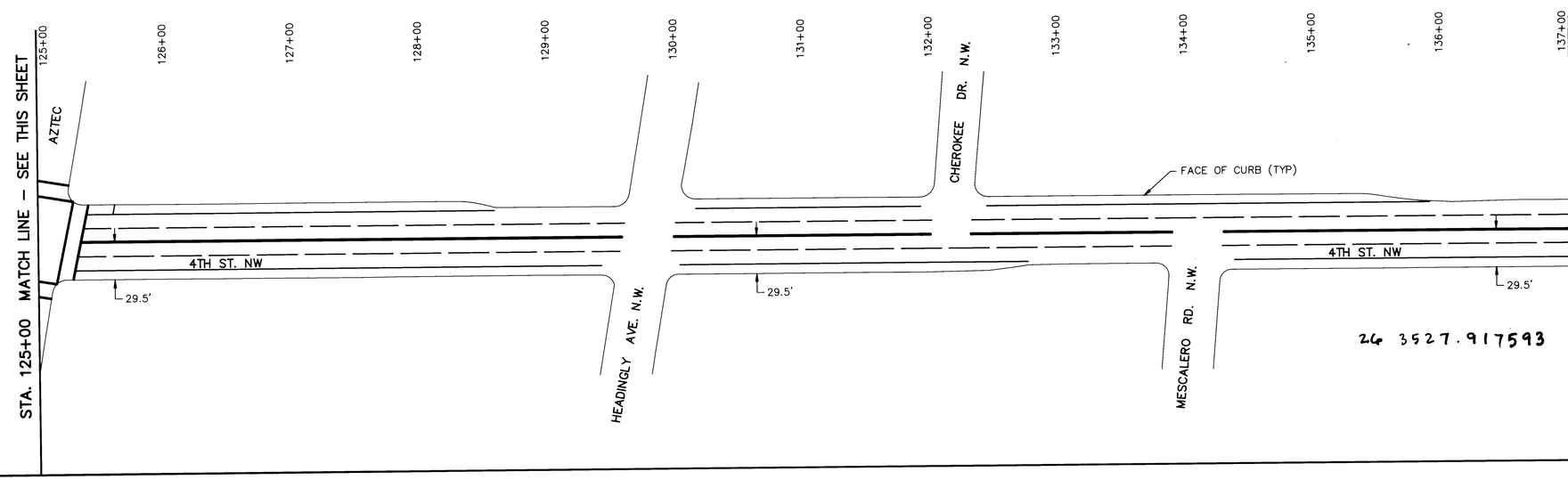
TITLE: 4TH ST. RECONSTRUCTION PART IIA
BUSINESS ACCESS SIGNING AND TRAFFIC CONTROL
CONSTRUCTION PHASE 3-C
WEST SIDE WORK ZONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION		1-31-92	WASTE WATER		"
HYDROLOGY		1-31-92			
R. Cantam		1/16/92			

PROJECT NO. 3527.91 MAP NO. — SHEET T-18 OF —







26 3527.917593

GENERAL NOTES

1. SEE SHEET T-21 FOR STRIPING NOTES AND DETAILS.

No shoulder stripes done

AS BUILT INFORMATION
CONTRACTOR NCC Inc
WORK STARTED BY Contractor DATE
INSPECTION & ACCEPTANCE BY U.A.D. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L-H Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 1-29-92
		DESIGNED BY	DATE 1-29-92
		DRAWN BY	DATE 1-29-92
		CHECKED BY	

RECORD DRAWING
Date May 26, 1993
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the

SCALE: 1"=50'

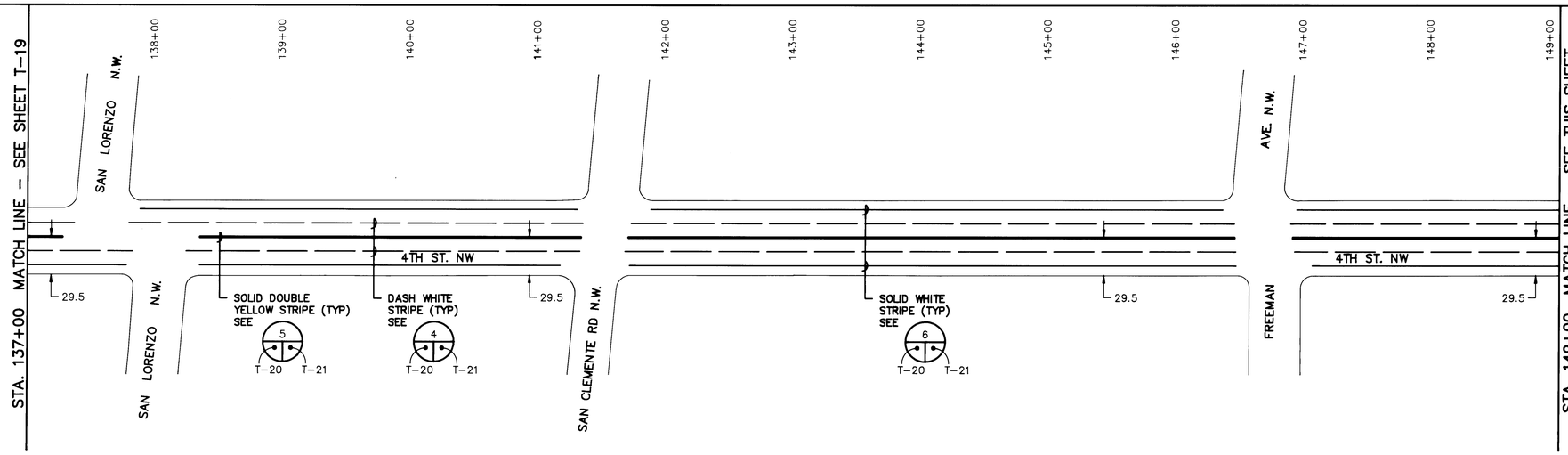
50/8081.53CD14/STRPONE/1-24-92/CSC

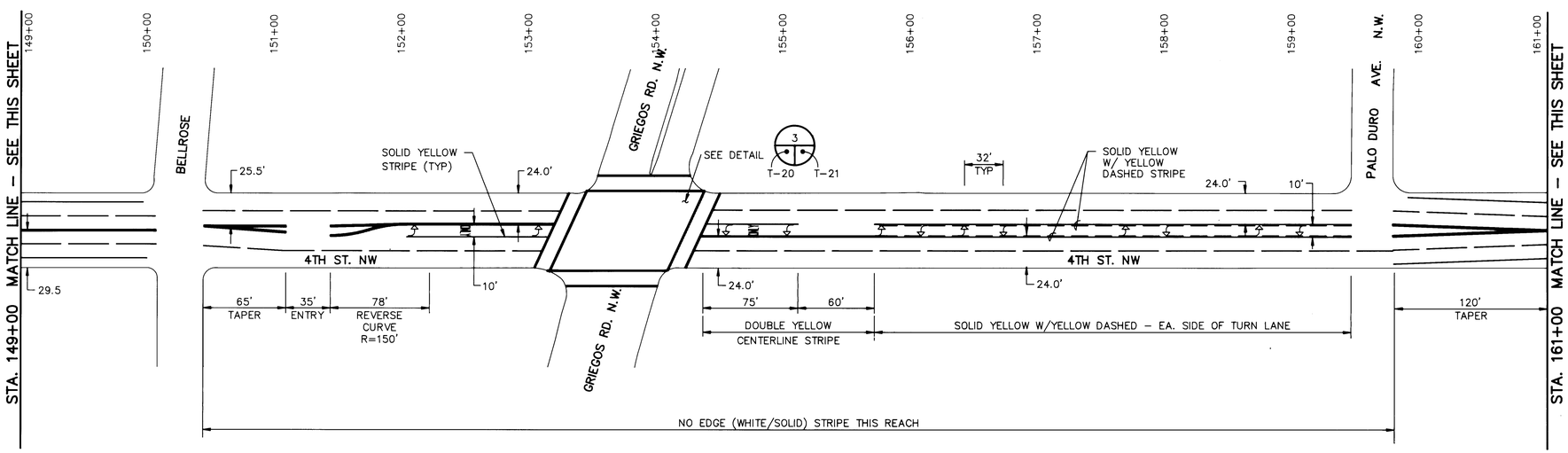
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

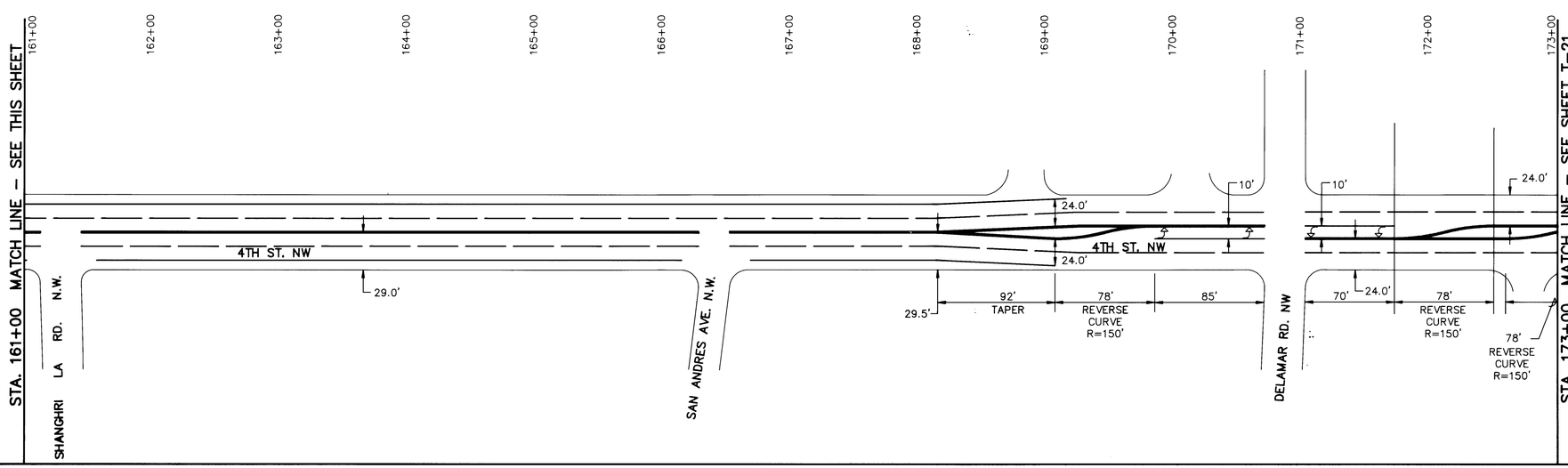
TITLE: 4TH ST. RECONSTRUCTION PART IIA
PERMANENT PAVEMENT STRIPING
STRIPING PLAN
ALAMEDA DRAIN TO SAN LORENZO

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Royal Rhea	1-31-92	WATER	[illegible]	1-31-92
TRANSPORTATION	[illegible]	1-30-92	WASTE WATER	[illegible]	"
HYDROLOGY	S. Boberg	1-31-92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET T-19 OF —







GENERAL NOTES

1. SEE SHEET T-21 FOR STRIPING NOTES AND DETAILS.

* *Shoulder stripe from Delamar to Palo Duro deleted*

RECORD DRAWING

Date *MAY 26, 1993*

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the above document as a result thereof.

SCALE: 1"=50'

26 3527.917693

50/8081.53CD14/STRPTWO/1-24-92/CSC

AS BUILT INFORMATION

CONTRACTOR *MCC, Inc*

WORK STAKED BY *Contractor* DATE

INSPECTION & ACCEPTANCE BY *UAO* DATE

FIELD VERIFICATION BY DATE

MARKINGS CORRECTED BY *C.H. Inc* DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DATE 1-29-92

DRAWN BY DATE 1-29-92

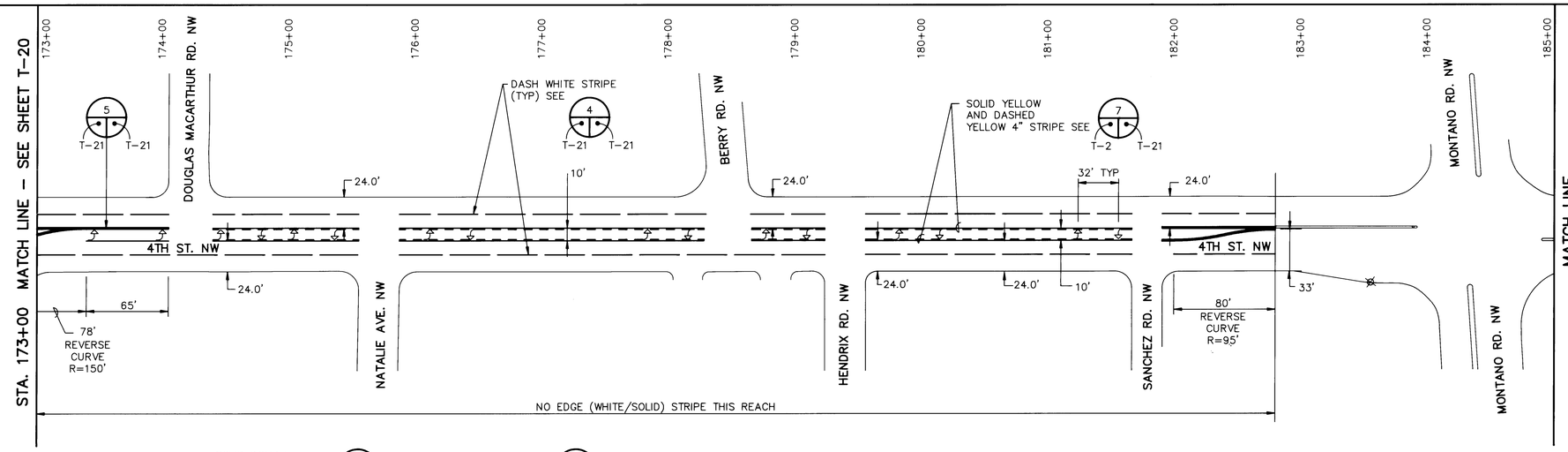
CHECKED BY DATE 1-29-92

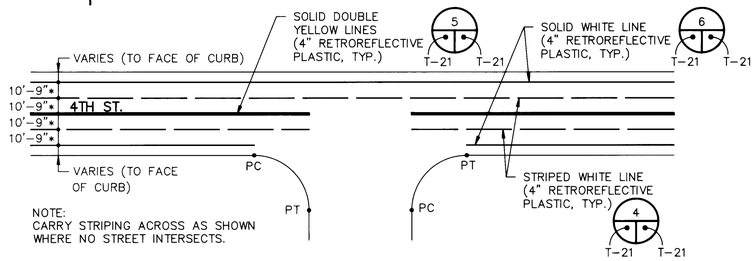
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
PERMANENT PAVEMENT STRIPING
STRIPING PLAN
SAN LORENZO TO DOUGLAS MACARTHUR

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	1-31-92	WATER	[signature]	1-31-92
TRANSPORTATION	[signature]	1-30-92	WASTE WATER	[signature]	"
HYDROLOGY	S. Boberg	1-31-92			

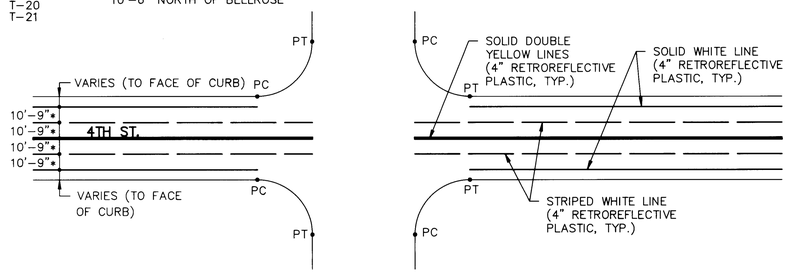
PROJECT NO. 3527.91 | MAP NO. — | SHEET T-20 OF —





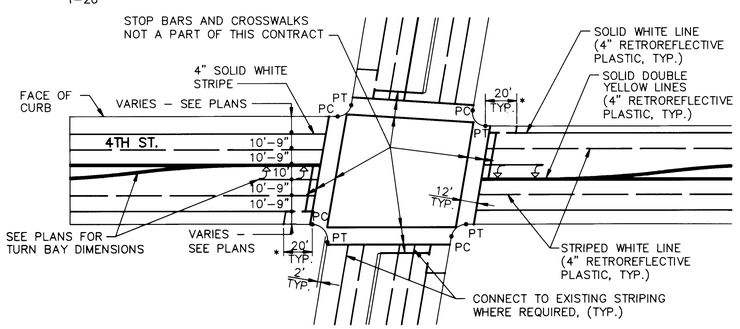
TYPICAL STRIPING PLAN FOR "T" INTERSECTION

1 T-19 T-20 T-21 T-21 — N.T.S.
* 10'-9" SOUTH OF BELLROSE
10'-6" NORTH OF BELLROSE



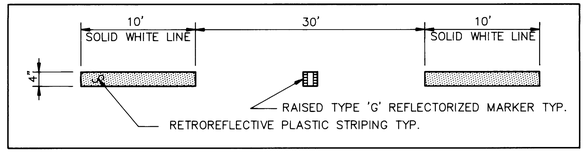
TYPICAL STRIPING PLAN FOR 4-WAY INTERSECTION

2 T-19 T-20 T-21 — N.T.S.
* 10'-9" SOUTH OF BELLROSE
10'-6" NORTH OF BELLROSE



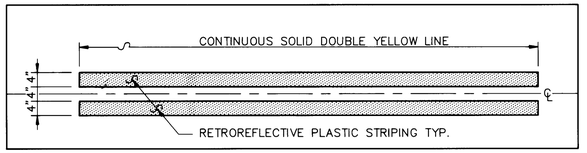
TYPICAL STRIPING PLAN FOR SIGNALIZED INTERSECTION

3 T-19 T-20 T-21 — N.T.S.
* WHERE ON – STREET PARKING IS ALLOWED.



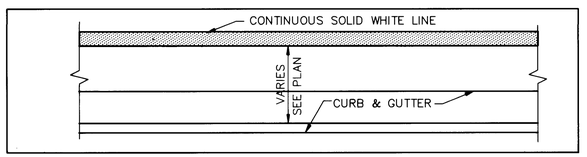
TYPICAL LANE STRIPING DETAIL

4 T-19 THRU T-21 T-21 — N.T.S.



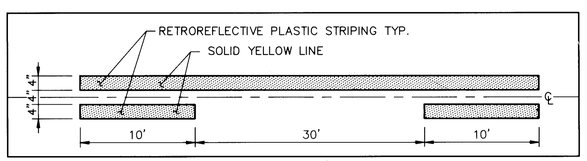
TYPICAL CENTERLINE STRIPING DETAIL

5 T-19 THRU T-21 T-21 — N.T.S.



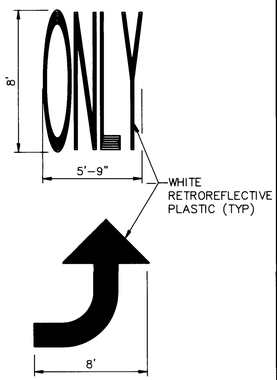
TYPICAL EDGE STRIPING DETAIL

6 T-19 T-20 T-21 — N.T.S.



TYPICAL CONTINUOUS TURN LANE STRIPING DETAIL

7 T-20 T-21 T-21 — N.T.S.



TURN LANE MARKING DETAILS

8 T-19 T-20 T-21 T-21 — SCALE: 1/4"=1'-0"

26 3527.917793

NOTES

1. ALL STRIPING MATERIAL: 4" WIDE 90 MIL THICK RETROREFLECTIVE PREFORMED COLD APPLIED PLASTIC. INSTALL IN ACCORDANCE WITH SUPPLEMENTAL TECHNICAL SPECIFICATIONS.
2. STOP BAR AND CROSSWALKS NOT INCLUDED IN THIS CONTRACT.
3. CURB PAINTING WILL BE DONE BY CITY FORCES AFTER COMPLETION OF CONSTRUCTION.
4. DELETE EDGE STRIPE WHERE INDICATED ON PLANS.
5. STRIPING SHALL CONFORM TO MUTCD.

No shoulder stripes done
** Stripping – Hot applied Thermoplastic*

RECORD DRAWING
Date May 26, 1993
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SCALE: 1"=50'

50/8081.53CD14/STRPTHRE/1-24-92/CSC

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR MCC, Inc
WORK STAKED BY Contractor DATE
ACCEPTANCE INSPECTION BY JAO DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L-H, Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

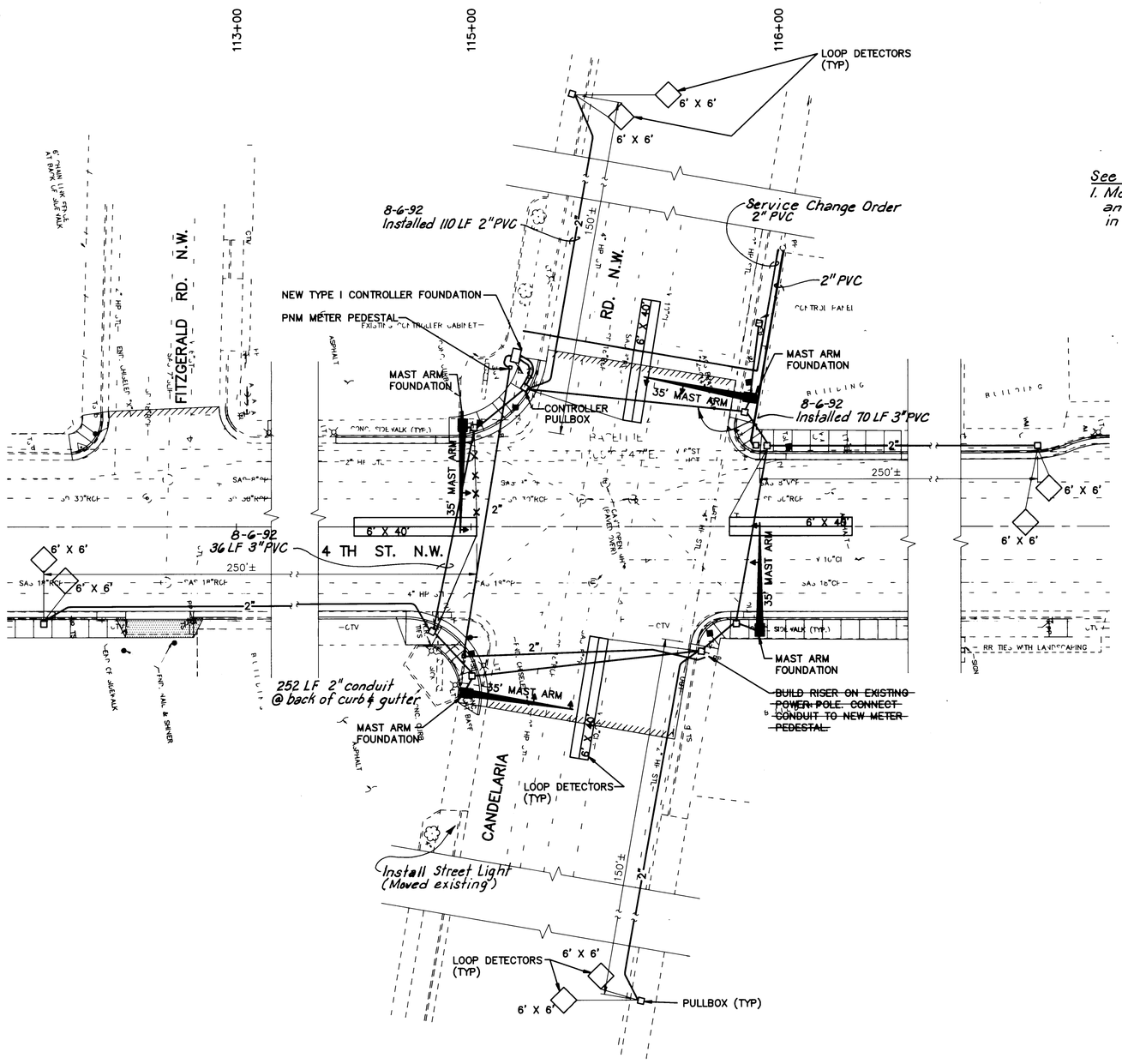
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 1-29-92
		DESIGNED BY	DATE 1-29-92
		DRAWN BY	DATE 1-29-92
		CHECKED BY	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
PERMANENT PAVEMENT STRIPING
STRIPING DETAILS AND PLAN
DOUGLAS MACARTHUR TO MONTANO

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION		1-30-92	WASTE WATER		"
HYDROLOGY		1-31-92			

PROJECT NO. 3527.91 | MAP NO. – | SHEET T-21 OF –

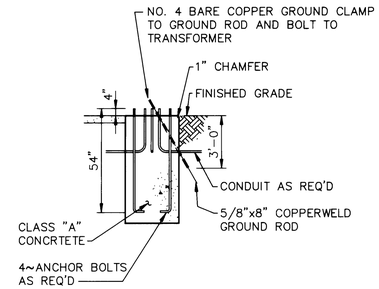


See Addendum #2

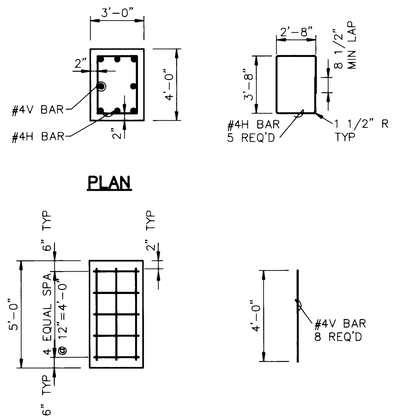
1. Modify the controller foundation and PNM meter pedestal locations in the Southwest corner as per Figure XI.

SIGNALIZATION NOTES

1. ALL CONDUIT 3" EXCEPT AS NOTED.
2. ALL TRAFFIC LOOP DETECTORS TO BE LOCATED IN THE CENTER OF LANE.
3. REMOVE EXISTING FOUNDATIONS, PULLBOXES AND CONDUIT. CONDUIT MAY BE ABANDONED IN PLACE IF REQUIRED.
4. CITY TRAFFIC ENGINEERING WILL RELOCATE EXISTING SIGNALS, PULL NEW CONDUCTORS, CONNECT NEW SIGNALS AND REMOVE EXISTING SIGNAL POLES AND FIXTURES. CONTRACTOR WILL COORDINATE WITH HIS WORK.



MAST ARM FOUNDATION



MAST ARM FOUNDATION DETAILS

NTS

SCALE: 1"=20'

20/808153CD15/SIGCAND/01-22-92/MDJ

26 3527.917893

RECORD DRAWING

Date May 26, 1993

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AS BUILT INFORMATION
CONTRACTOR MCC, Inc
WORK STAKED BY Contractor DATE
INSPECTED BY LAO DATE
ACCEPTANCE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L.H. Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
IVAN E. VAN ETTEN
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
No. 5356

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 1-29-92
		DESIGNED BY	DATE 1-29-92
		DRAWN BY	DATE 1-29-92
		CHECKED BY	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

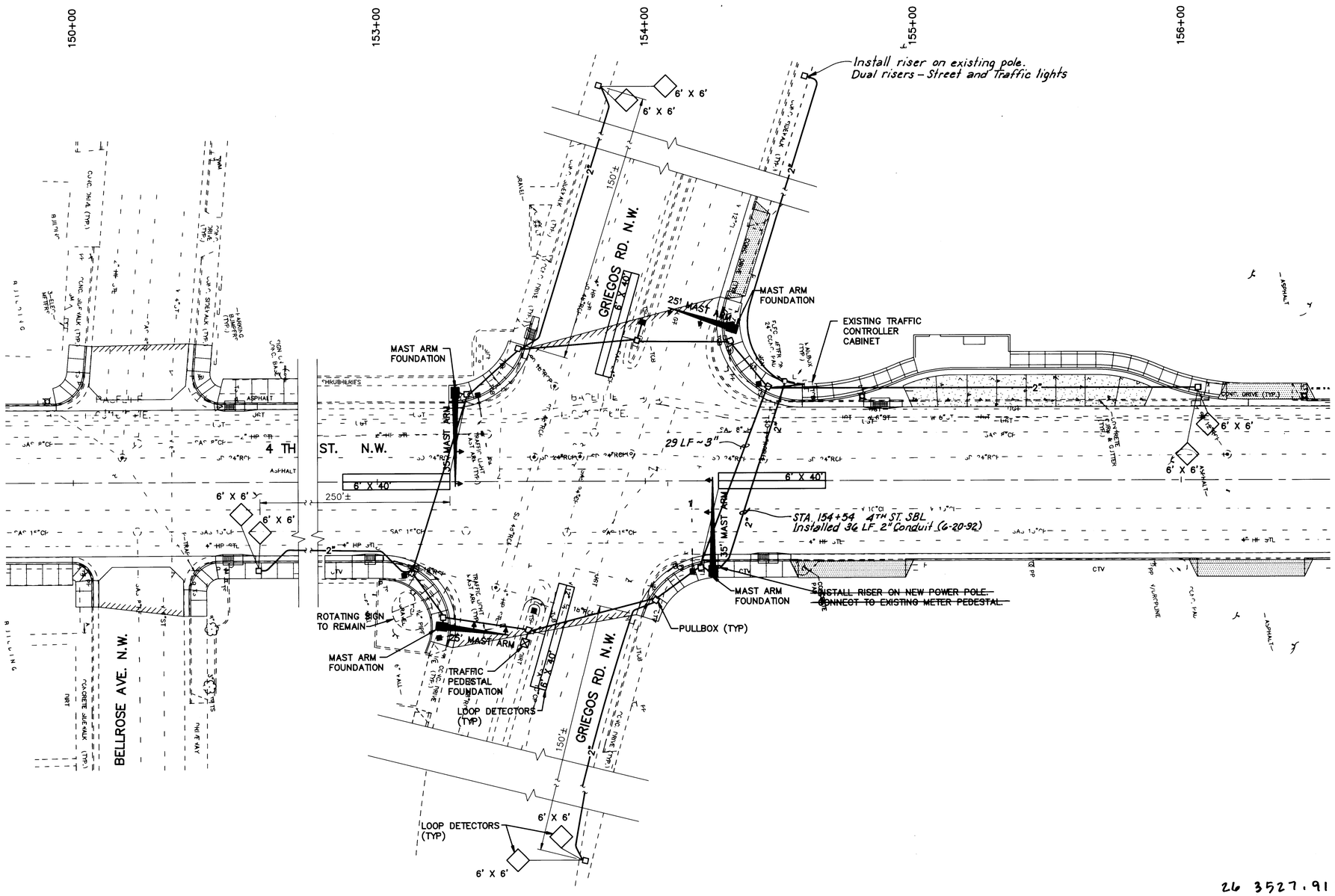
TITLE: 4TH ST. RECONSTRUCTION PART IIA
TRAFFIC SIGNALIZATION
SIGNALIZATION PLANS
4TH STREET AT CANDELARIA

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER		1-31-92
TRANSPORTATION		1-30-92	WASTE WATER		"
HYDROLOGY	S. Boleng	1-31-92			

PROJECT NO. 3527.91 | MAP NO. — | SHEET 1 OF 22

SIGNALIZATION NOTES

1. ALL CONDUIT 3" EXCEPT AS NOTED.
2. ALL TRAFFIC LOOP DETECTORS TO BE LOCATED IN THE CENTER OF LANE.
3. REMOVE EXISTING FOUNDATIONS, PULLBOXES AND CONDUIT. CONDUIT MAY BE ABANDONED IN PLACE IF REQUIRED.
4. CITY TRAFFIC ENGINEERING WILL RELOCATE EXISTING SIGNALS, PULL NEW CONDUCTORS, CONNECT NEW SIGNALS AND REMOVE EXISTING SIGNAL POLES AND FIXTURES. CONTRACTOR WILL COORDINATE WITH HIS WORK.
5. SEE SHEET T-22 FOR MAST ARM FOUNDATION DETAIL



SCALE: 1"=20'

20/808153CD15/SIGGRIE/01-22-92/MDJ

26 3527.917991

RECORD DRAWING

Date May 26, 1993

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AS BUILT INFORMATION
CONTRACTOR MCC, Inc
WORK STAKED BY Contractor DATE
INSPECTED BY CAD DATE
ACCEPTANCE DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L.H. Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
THOMAS E. VAN ETTEN
NEW MEXICO
5036
REGISTERED PROFESSIONAL ENGINEER

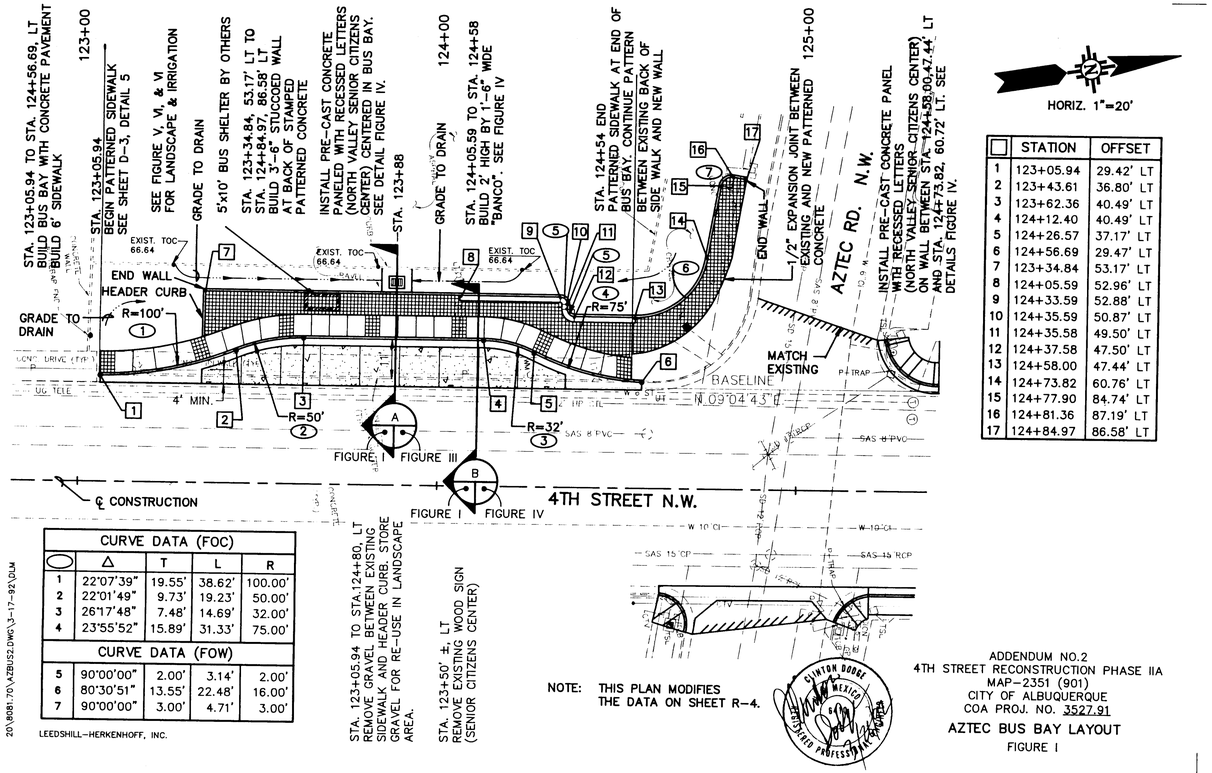
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DESIGNED BY DATE 1-29-92
			DRAWN BY DATE 1-29-92
			CHECKED BY DATE 1-29-92

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH ST. RECONSTRUCTION PART IIA
TRAFFIC SIGNALIZATION
SIGNALIZATION PLANS
4TH STREET AT GRIEGOS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		1-31-92	WATER	N/C	1-31-92
TRANSPORTATION		1-30-92	WASTE WATER	N/C	"
HYDROLOGY		1-31-92			

PROJECT NO. 3527.91 MAP NO. — SHEET T-23 OF —



	STATION	OFFSET
1	123+05.94	29.42' LT
2	123+43.61	36.80' LT
3	123+62.36	40.49' LT
4	124+12.40	40.49' LT
5	124+26.57	37.17' LT
6	124+56.69	29.47' LT
7	123+34.84	53.17' LT
8	124+05.59	52.96' LT
9	124+33.59	52.88' LT
10	124+35.59	50.87' LT
11	124+35.58	49.50' LT
12	124+37.58	47.50' LT
13	124+58.00	47.44' LT
14	124+73.82	60.76' LT
15	124+77.90	84.74' LT
16	124+81.36	87.19' LT
17	124+84.97	86.58' LT

CURVE DATA (FOC)				
	Δ	T	L	R
1	22°07'39"	19.55'	38.62'	100.00'
2	22°01'49"	9.73'	19.23'	50.00'
3	26°17'48"	7.48'	14.69'	32.00'
4	23°55'52"	15.89'	31.33'	75.00'
CURVE DATA (FOW)				
5	90°00'00"	2.00'	3.14'	2.00'
6	80°30'51"	13.55'	22.48'	16.00'
7	90°00'00"	3.00'	4.71'	3.00'

LEEDSHILL-HERKENHOFF, INC.

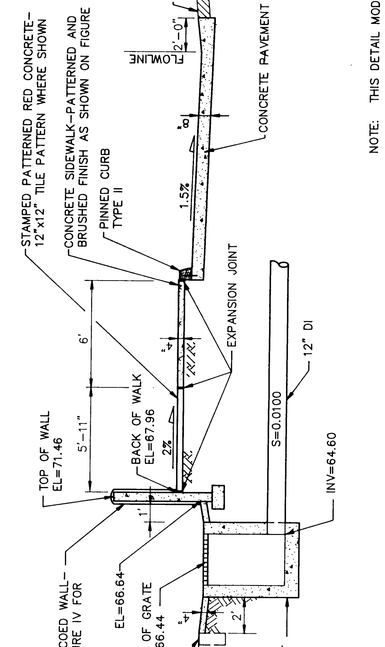
STA. 123+05.94 TO STA.124+80, LT
REMOVE GRAVEL BETWEEN EXISTING
SIDEWALK AND HEADER CURB. STORE
GRAVEL FOR RE-USE IN LANDSCAPE
AREA.

STA. 123+50' ±, LT
REMOVE EXISTING WOOD SIGN
(SENIOR CITIZENS CENTER)

NOTE: THIS PLAN MODIFIES THE DATA ON SHEET R-4.

ADDENDUM NO.2
4TH STREET RECONSTRUCTION PHASE IIA
MAP-2351 (901)
CITY OF ALBUQUERQUE
COA PROJ. NO. 3527.91
AZTEC BUS BAY LAYOUT
FIGURE I

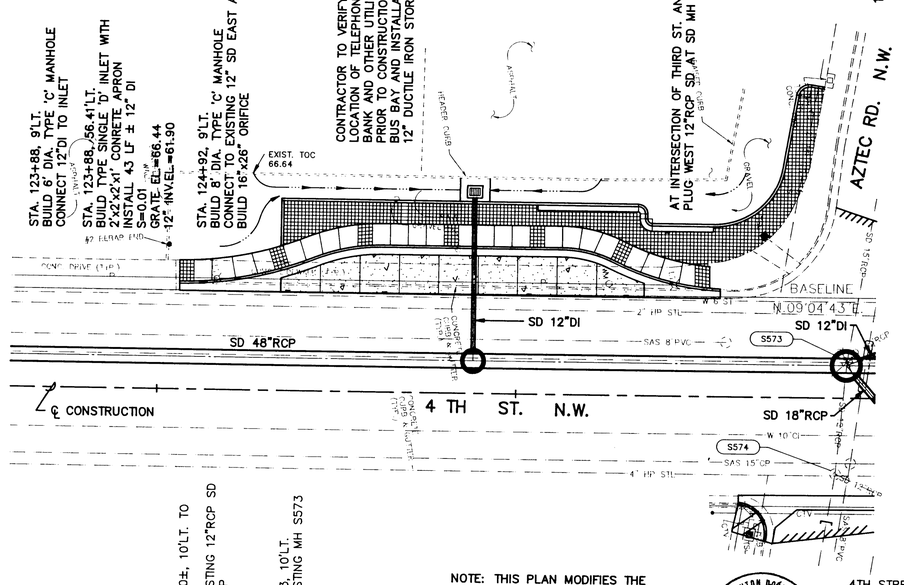
20/8081:70\XZBUS2.DWG\3-17-92\DLM



NOTE: THIS DETAIL MODIFIES DETAIL 7 ON SHEET D-3

ADDENDUM NO.2
4TH STREET RECONSTRUCTION PHASE II
MAP-2351(901)
CITY OF ALBUQUERQUE
COA PROJ. NO. 3527.91
DETAIL A
FIGURE III

BUS BAY SECTION AT AZTEC
SCALE: 1/4"=1'-0"
A



STA. 124+90±, 10'LT. TO 35'RT.
REMOVE EXISTING 12"RCP SD
PLUG 12"RCP

STA. 124+93, 10'LT.
REMOVE EXISTING MH S573

NOTE: THIS PLAN MODIFIES THE DATA ON SHEET SD-4

ADDENDUM NO. 2
4TH STREET RECONSTRUCTION PHASE II
MAP-2351 (901)
CITY OF ALBUQUERQUE
COA PROJ. NO. 3527.91
AZTEC BUS BAY STORM DRAIN
FIGURE II

LEEDSHILL-HERKENHOFF, INC.

20/8081:70\STAZBUS.3\17.92\DLM

48/8081:70\CD1/XSEC/3-16-92/DLM

LEEDSHILL-HERKENHOFF, INC.

DIMSCL_THSK/DWG'DATE_INITIALS

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STAKED BY Contractor DATE
INSPECTOR'S FIELD NOTES BY J.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWING CORRECTED BY L-H, Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS

ENGINEER'S SEAL

REMARKS
REVISIONS
DESIGN
NO. DATE BY
DESIGNED BY - DATE -
DRAWN BY - DATE -
CHECKED BY - DATE -

26 3527.918093

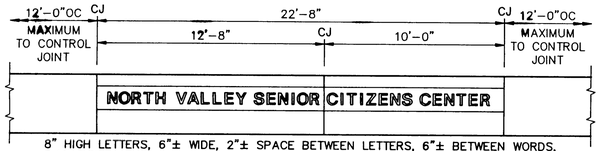
RECORD DRAWING
Date May 26, 1993
These drawings have been received based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for errors ... drawing which may appear as the ... result thereof.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PHASE IIA
ADDENDUM 2
FIGURE I THROUGH FIGURE III

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
URC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

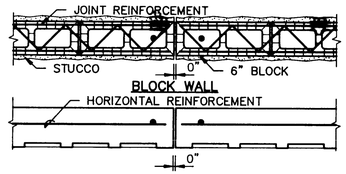
PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-1 OF



8" HIGH LETTERS, 6"± WIDE, 2"± SPACE BETWEEN LETTERS, 6"± BETWEEN WORDS, 3/4" DEEP, NAME CENTERED IN CONCRETE PANEL, PANEL OF 3000 PSI CONCRETE WITH GRADE 60 REINFORCEMENT, PANEL COLOR ADOBE.

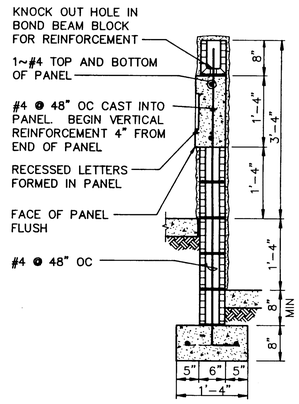
WALL ELEVATION

SCALE: 1/4"=1'-0"



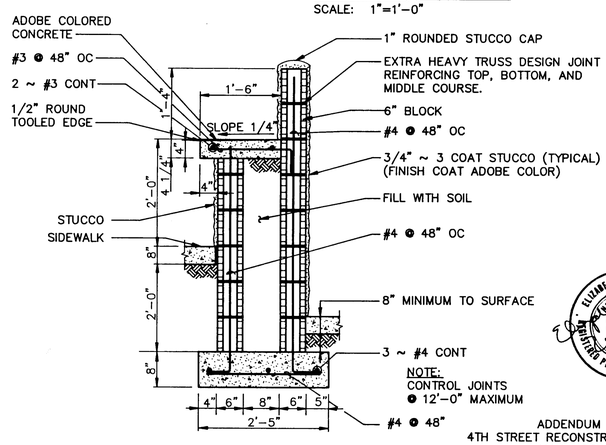
CONTROL JOINTS

SCALE: 1"=1'-0"



SECTION THRU SIGN

SCALE: 3/4"=1'-0"



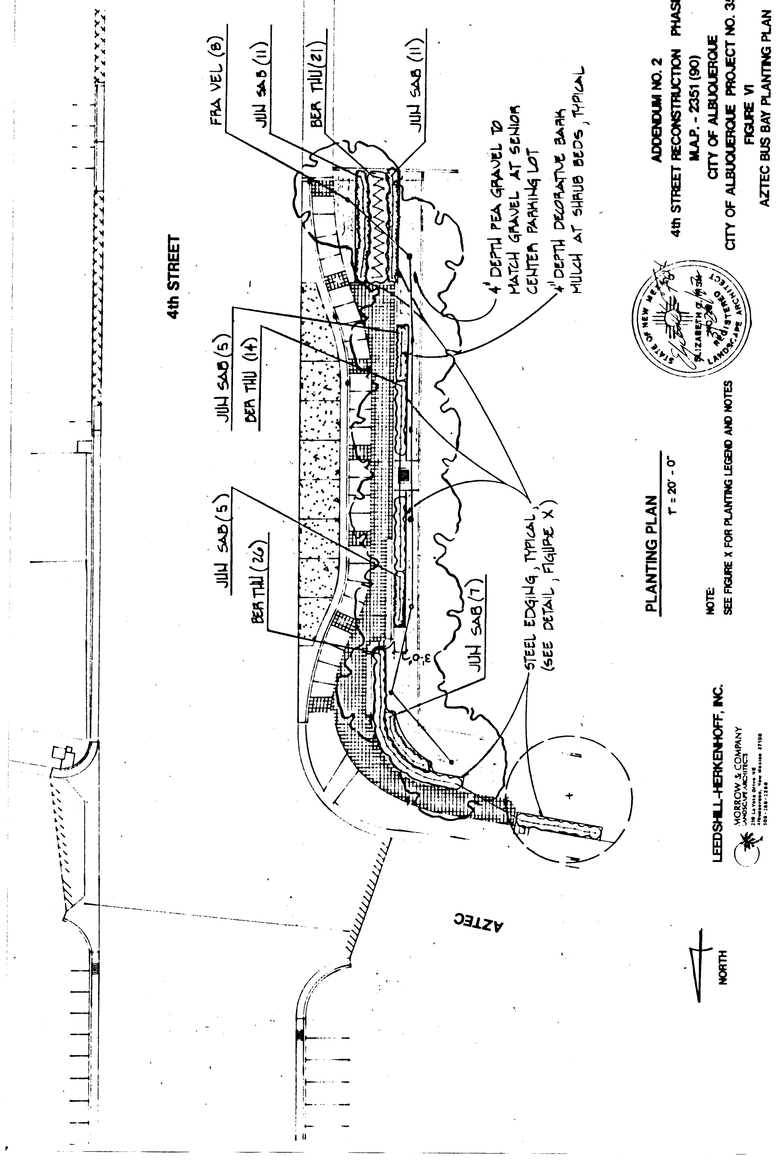
(B) SECTION THRU BANCO

SCALE: 3/4"=1'-0"

ADDENDUM NO. 2
4TH STREET RECONSTRUCTION PHASE 11
MAP -2351(901)
CITY OF ALBUQUERQUE
COA PROJ. NO. 3527.91
FIGURE IV

LEEDSHILL-HERKENHOFF, INC.

12/8081.70CD1/NV-SIGN/3-26-92/KHK



PLANTING PLAN

1" = 20' - 0"

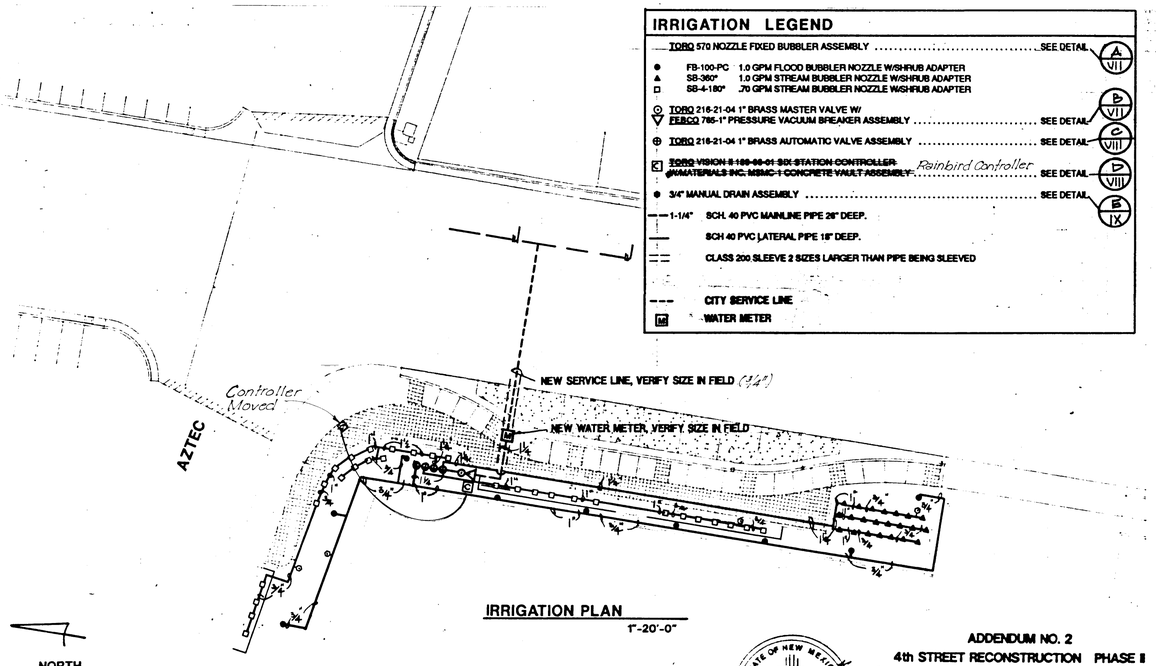
NOTE:
SEE FIGURE X FOR PLANTING LEGEND AND NOTES

ADDENDUM NO. 2
4th STREET RECONSTRUCTION PHASE II
M.A.P. - 2351 (90)
CITY OF ALBUQUERQUE
CITY OF ALBUQUERQUE PROJECT NO. 3527.91
FIGURE VI
AZTEC BUS BAY PLANTING PLAN

LEEDSHILL-HERKENHOFF, INC.
MORROW & COMPANY LANDSCAPE ARCHITECTS
210 La Vista Drive NE
Albuquerque, New Mexico 87108
505-266-1266

IRRIGATION LEGEND

	TORO 570 NOZZLE FIXED BUBBLER ASSEMBLY	SEE DETAIL A VII
●	FB-100-PC 1.0 GPM FLOOD BUBBLER NOZZLE W/SHRUB ADAPTER	
▲	SB-360° 1.0 GPM STREAM BUBBLER NOZZLE W/SHRUB ADAPTER	
□	SB-4-180° .70 GPM STREAM BUBBLER NOZZLE W/SHRUB ADAPTER	
⊙	TORO 216-21-04 1" BRASS MASTER VALVE W/	
▽	FEBCO 765-1" PRESSURE VACUUM BREAKER ASSEMBLY	SEE DETAIL B VII
⊕	TORO 216-21-04 1" BRASS AUTOMATIC VALVE ASSEMBLY	SEE DETAIL C VIII
☒	~~TORO VISION II 100-06-01 SDI STATION CONTROLLER~~ Rainbird Controller @MATERIALS INC. MSMC-1 CONCRETE VAULT ASSEMBLY	SEE DETAIL D VIII
●	3/4" MANUAL DRAIN ASSEMBLY	SEE DETAIL E IX
——	1-1/4" SCH. 40 PVC MAINLINE PIPE 26" DEEP.	
———	SCH 40 PVC LATERAL PIPE 18" DEEP.	
= =	CLASS 200 SLEEVE 2 SIZES LARGER THAN PIPE BEING SLEEVED	
- - -	CITY SERVICE LINE	
M	WATER METER	



IRRIGATION PLAN

1"-20'-0"

NOTE:
SEE FIGURES VII, VIII, IX FOR IRRIGATION DETAILS AND NOTES

LEEDSHILL-HERKENHOFF, INC.
MORROW & COMPANY LANDSCAPE ARCHITECTS
210 La Vista Drive NE
Albuquerque, New Mexico 87108
505-266-1266

ADDENDUM NO. 2
4th STREET RECONSTRUCTION PHASE II
M.A.P. - 2351 (90)
CITY OF ALBUQUERQUE
CITY OF ALBUQUERQUE PROJECT NO. 3527.91
FIGURE V
AZTEC BUS BAY IRRIGATION PLAN AND LEGEND

26 3527.918193

RECORD DRAWING
Date May 26, 1993
These drawings have been revised based on the construction records of the owner; while this information submitted by the Owner will be assumed to be reliable the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the

AS BUILT INFORMATION
CONTRACTOR M.C.C. Inc.
WORK STARTED BY Contractor DATE
INSPECTORS ACCEPTANCE BY C.A.O. DATE
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DRAWINGS CORRECTED BY L-H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS

ENGINEER'S SEAL

NO.	DATE	REMARKS
		REVISIONS
		DESIGN
		DESIGNED BY — DATE —
		DRAWN BY — DATE —
		CHECKED BY — DATE —

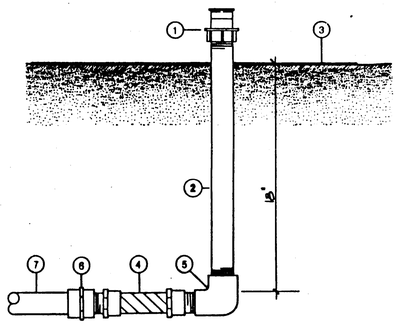
DIMSCL:/DISK/DWG/DATE/INITIALS:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PHASE IIA
ADDENDUM 2
FIGURE IV THROUGH FIGURE VI

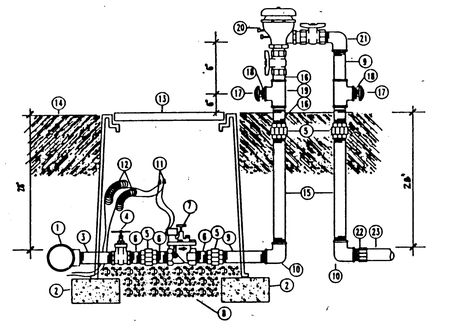
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-2 OF



1. BUBBLER (SEE LEGEND)
2. 1/2" x 18" SCH. 80 PVC THREADED NIPPLE
3. FINISH GRADE
4. 1/2" x 6" PVC FLEX NIPPLE
5. 1/2" SCH. 40 PVC THREADED ELBOW
6. 3/4" x 1/2" SCH. 40 PVC FEMALE ADAPTER
7. PVC LATERAL PIPING

A / VII — BUBBLER ASSEMBLY — NTS



1. MAINLINE FITTING
2. CMU BLOCK
3. SCH. 80 PVC NIPPLE - 18" LENGTH
4. PGL B-68 BRASS GATE VALVE
5. GALVANIZED UNION
6. GALVANIZED NIPPLE - 3" LENGTH
7. AUTOMATIC VALVE (SEE LEGEND)
8. PEA GRAVEL - 3 CUBIC FEET
9. GALVANIZED NIPPLE - 12" LENGTH
10. GALVANIZED ELBOW
11. WATERPROOF WIRE CONNECTOR
12. 36" WIRE EXPANSION LOOPS
13. BROOKS 1730 PB-18 BODY (ABS) VALVE BOX WITH 1730 BLOT DOWN COVER (ABS) AND TWO 8" EXTENSION
14. FINISH GRADE
15. GALVANIZED NIPPLE - 30" LENGTH
16. GALVANIZED NIPPLE - 4" LENGTH
17. KING AUTOMATIC DRAIN
18. GALVANIZED REDUCER BUSHING
19. GALVANIZED TEE
20. BACKFLOW PREVENTER (SEE LEGEND)
21. GALVANIZED STREET ELL
22. SCH. 40 PVC MALE ADAPTER
23. MAINLINE PIPE (SEE LEGEND)

B / VII — AUTOMATIC VALVE & BACKFLOW PREVENTER ASSEMBLY — N.T.S.

LEEDSHILL-HERKENHOFF, INC.

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Vista Drive, NE
Albuquerque, New Mexico 87106
505-268-3266

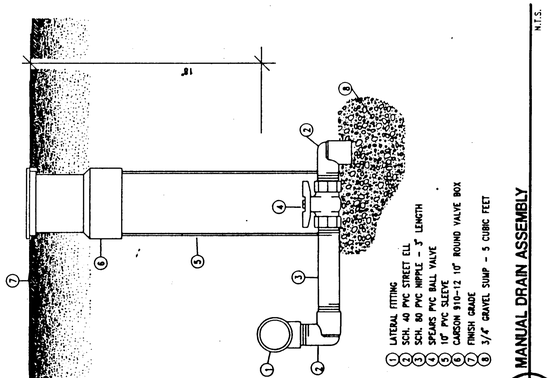
ELIZABETH C. FISH
NO. 10
REGISTERED
LANDSCAPE ARCHITECT

ADDENDUM NO. 2
4th STREET RECONSTRUCTION PHASE II
M.A.P. - 2351 (90)
CITY OF ALBUQUERQUE
CITY OF ALBUQUERQUE PROJECT NO. 3527.91
FIGURE VII
AZTEC BUS BAY IRRIGATION DETAILS

IRRIGATION NOTES

1. THE CONTRACTOR SHALL INSTALL MANUAL DRAINS ON LATERAL PIPING TO ENSURE COMPLETE DRAINAGE OF THE PIPING. (SEE MANUAL DRAIN ASSEMBLY.) INSTALL ONE MANUAL DRAIN PER ZONE, MINIMUM. LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. DRAIN LOCATIONS SHALL BE SHOWN ON AS-BUILT DRAWINGS.
2. ALL VALVE BOXES FOR MANUAL DRAINS AND AUTOMATIC VALVES SHALL BE INSTALLED AT A MINIMUM OF 12" FROM EDGES OF PLANTING BEDS.
3. ALL VALVE BOXES SHALL BE SUPPORTED BY CINDER BLOCKS. (MINIMUM 2 PER VALVE BOX). INSTALL BLOCKS IN A MANNER WHICH WILL PREVENT CONTACT WITH PIPING, WIRES, VALVES, ETC.
4. MARK ALL 24-VOLT WIRE ENDS WITH 3M STD-09 WIRE MARKER TAPE AT THE VALVE BOX AND CONTROLLER LOCATIONS.
5. ALL 24-VOLT WIRE SHALL BE MARKED WITH A 4" WIDE YELLOW MARKER TAPE AND MARKED "WARNING-ELECTRICAL". LAY MARKER TAPE HORIZONTALLY 6" ABOVE WIRE.
6. 24-VOLT WIRE SHALL BE IN COMMON TRENCH WITH MAINLINE AND SHALL HAVE SEPARATE SLEEVE WHERE CROSSING ALL HARD CONSTRUCTION. ALL SLEEVE PIPING FOR 24-VOLT WIRE SHALL BE 1-1/4" CLASS 200 PVC.
7. CONTRACTOR SHALL EXTEND 120-VOLT A.C. FROM EXISTING POWER TO PROPOSED CONTROLLER LOCATION. ALL ELECTRICAL WORK SHALL BE PER LOCAL CODES AND N.E.C. STANDARDS.
8. WHERE PROPOSED PIPING CROSSES EXISTING ASPHALT AND/OR CONCRETE, THE CONTRACTOR SHALL SAW-CUT, REMOVE AND PROPERLY DISPOSE OF WASTE, EXCAVATE, INSTALL SLEEVE PIPING, MAKE REPAIRS AS SPECIFIED, AND COMPACT TO 95%. CONTRACTOR SHALL REPLACE ASPHALT AND/OR CONCRETE TO MATCH EXISTING.
9. THE CONTRACTOR SHALL ADJUST ALL VALVES, BUBBLERS, AND SPRINKLERS FOR OPTIMUM COVERAGE, AND SHALL PROVIDE AND INSTALL NOZZLES OTHER THAN THOSE SPECIFIED AS INSTRUCTED BY THE LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
10. CONTRACTOR SHALL INSTALL ALL BUBBLERS ON HIGH SIDE OF TREE WELLS.
11. CONTRACTOR SHALL TAPE CLOSED ALL SLEEVE PIPE OPENINGS USING DUCT TAPE TO PREVENT DEBRIS FROM ENTERING SLEEVES.

ADDENDUM NO. 2
4th STREET RECONSTRUCTION PHASE II
M.A.P. - 2351 (90)
CITY OF ALBUQUERQUE
CITY OF ALBUQUERQUE PROJECT NO. 3527.91
FIGURE IX
AZTEC BUS BAY IRRIGATION DETAILS AND NOTES

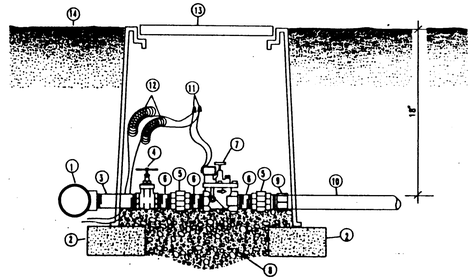


1. LATERAL FITTING
2. SCH. 40 PVC STREET ELL
3. SCH. 40 PVC NIPPLE - 3" LENGTH
4. SPEARS PVC BALL VALVE
5. 10" PVC SLEEVE
6. CARSON 910-12 10" ROUND VALVE BOX
7. FINISH GRADE
8. 3/4" GRAVEL SUMP - 3 CUBIC FEET

III / IX — MANUAL DRAIN ASSEMBLY — N.T.S.

LEEDSHILL-HERKENHOFF, INC.

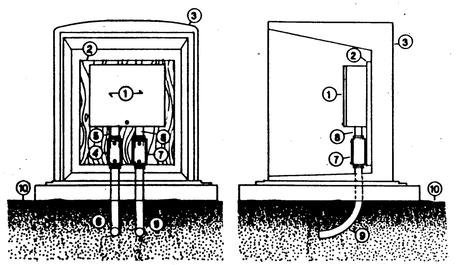
MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Vista Drive, NE
Albuquerque, New Mexico 87106
505-268-3266



1. MAINLINE FITTING
2. CMU BLOCK
3. SCH. 80 PVC NIPPLE - 18" LENGTH
4. PGL B-68 BRASS GATE VALVE
5. SPEARS SCH. 80 PVC UNION
6. SCH. 80 PVC NIPPLE - 3" LENGTH
7. AUTOMATIC VALVE (SEE LEGEND)
8. PEA GRAVEL - 3 CUBIC FEET
9. SCH. 40 PVC MALE ADAPTER
10. LATERAL PIPE (SEE LEGEND)
11. WATERPROOF WIRE CONNECTOR
12. 36" WIRE EXPANSION LOOPS
13. CARSON DX-1015 VALVE BOX
14. FINISH GRADE

C / VIII — AUTOMATIC VALVE ASSEMBLY — N.T.S.

FRONT VIEW / SIDE VIEW



1. AUTOMATIC CONTROLLER (SEE LEGEND)
2. 3/4" PLYWOOD MOUNTING BOARD
3. MATERIALS INC. MSMO-1 CONCRETE VAULT
4. 3/4" LB BOX
5. 3/4" EMT CONDUIT (120 VOLT CONDUCTORS)
6. 3/4" PVC SWEEP ELL
7. 1" LB BOX
8. 1" EMT CONDUIT (24 VOLT CONDUCTORS)
9. 1" PVC SWEEP ELL
10. FINISH GRADE

NOTE: ITEMS 4,5 &6 NOT SHOWN ON SIDE VIEW

D / VIII — AUTOMATIC CONTROLLER & CONCRETE VAULT — N.T.S.

LEEDSHILL-HERKENHOFF, INC.

MORROW & COMPANY
LANDSCAPE ARCHITECTS
210 La Vista Drive, NE
Albuquerque, New Mexico 87106
505-268-3266

ELIZABETH C. FISH
NO. 10
REGISTERED
LANDSCAPE ARCHITECT

ADDENDUM NO. 2
4th STREET RECONSTRUCTION PHASE II
M.A.P. - 2351 (90)
CITY OF ALBUQUERQUE
CITY OF ALBUQUERQUE PROJECT NO. 3527.91
FIGURE VIII
AZTEC BUS BAY IRRIGATION DETAILS

SURVEY INFORMATION — FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION

CONTRACTOR: MCC, Inc.
WORK STARTED BY: Contractor DATE
INSPECTOR'S ACCEPTANCE BY: C.A.C. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY: L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY — DATE —
DRAWN BY — DATE —
CHECKED BY — DATE —

DIMSCL; DISK/DWG, DATE, INITIALS

26 3527.918293

RECORD DRAWING
date May 26, 1993
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PHASE IIA
ADDENDUM 2
FIGURE VII THROUGH FIGURE IX

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

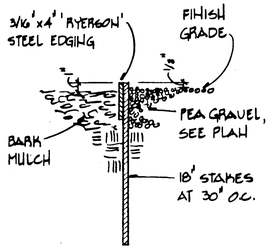
PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-3 OF

PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE INSTALLED	SIZE MATURE	REMARKS
TREES						
FRA VEL	Fraxinus velutina 'Modesto'	Modesto Ash	8	2" cal., 12'-14' ht 3' min. spread	35' ht. 25' spread	24" box
SHRUBS						
BER THU	Berberis thunbergii 'Atropurpurea'	Red-leaf Barberry	61	min. 12" ht., min. 8" spread, 3'-0" o.c.	3' ht. 3' spread,	5 gallon
JUN SAB	Juniperus sabina 'Tamariscifolia'	Tam Juniper	39	min. 6" ht., min. 12" spread 3'-0" o.c.	18" ht. 10' spread	5 gallon

PLANTING NOTES

1. ALL PLANTING BEDS SHALL RECEIVE A 4" DEPTH OF DECORATIVE BARK MULCH.
2. QUANTITIES SHOWN ARE ESTIMATED ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BIDDING AND CONSTRUCTION. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES INDICATED ON THE PLAN SHALL GOVERN.
3. IF THERE IS A DISCREPANCY IN FIELD OR NURSERY TREES BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "REMARKS" AND THE CALIPER AND HEIGHT CALLED OUT UNDER "INSTALLED SIZE", THE SPECIFIED TREE MUST MEET THE CALIPER AND HEIGHT REQUIREMENTS SPECIFIED UNDER "INSTALLED SIZE", EVEN IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES AS DIRECTED BY ENGINEER OR LANDSCAPE ARCHITECT TO 7 FEET ABOVE FINISH GRADE OR AS HIGH AS FEASIBLE AS DIRECTED BY THE LANDSCAPE ARCHITECT.



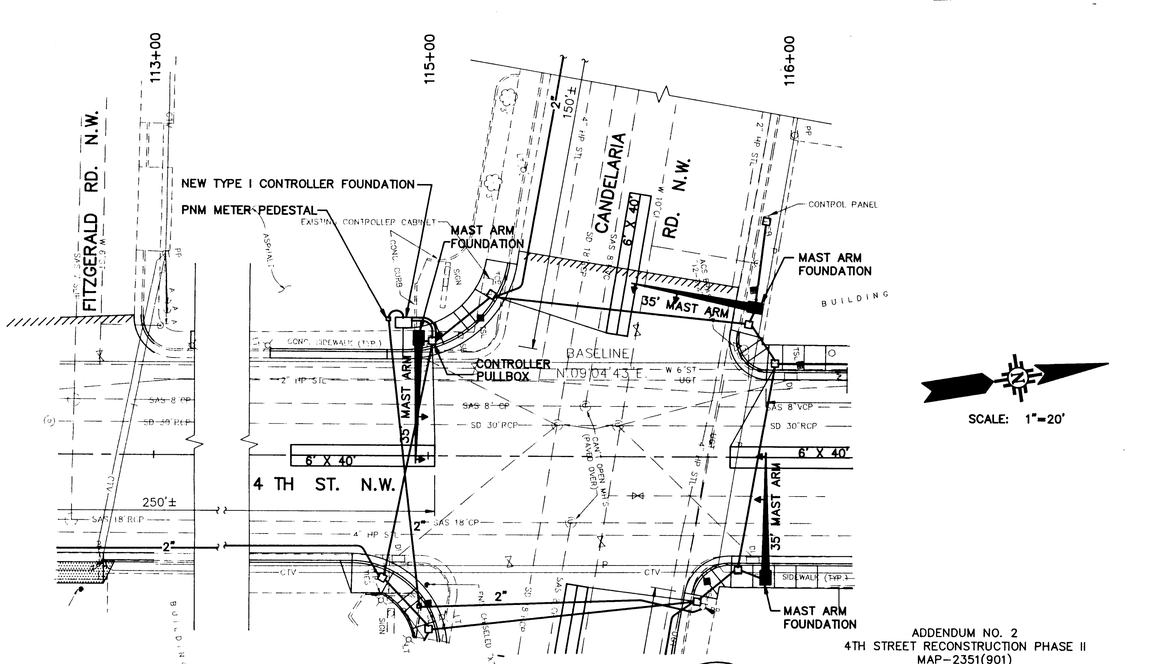
STEEL EDGING DETAIL

1 1/2" = 1' - 0"

LEEDSHILL-HERKENHOFF, INC.

MORROW & COMPANY LANDSCAPE ARCHITECTS
250 La Vista Drive NE
Albuquerque, New Mexico 87108
505-268-2266

ADDENDUM NO. 2
4th STREET RECONSTRUCTION PHASE II
M.A.P. - 2351 (90)
CITY OF ALBUQUERQUE
CITY OF ALBUQUERQUE PROJECT NO. 3527.91
FIGURE X
AZTEC BUS BAY PLANTING DETAILS, LEGEND & NOTES

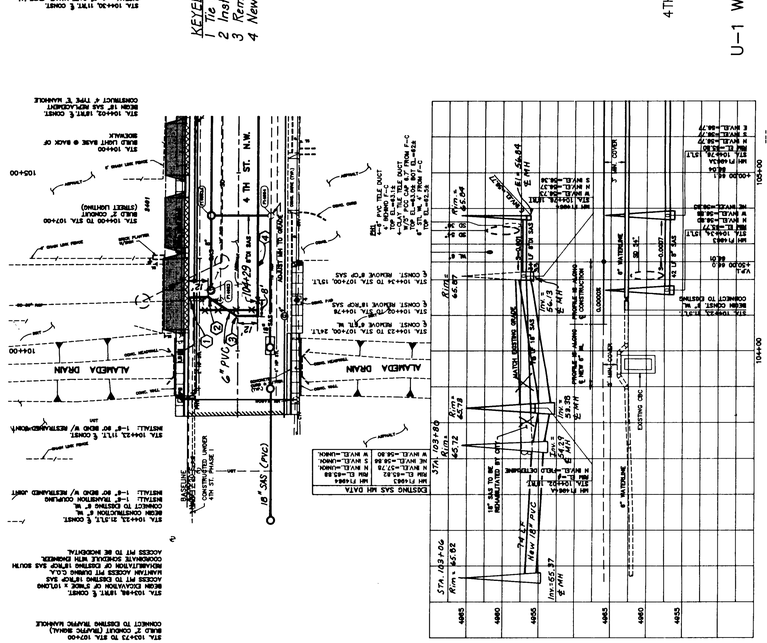


ADDENDUM NO. 2
4TH STREET RECONSTRUCTION PHASE II
MAP-2351(901)
CITY OF ALBUQUERQUE
COA PROJ. NO. 3527.91
RELOCATION OF CONTROLER AND METER PEDESTAL AT SW CORNER OF 4TH/CANDELARIA
FIGURE XI

20/8081700D2/SIGAND2/03-24-92/MDJ.DJM

LEEDSHILL-HERKENHOFF, INC.

KEYED NOTES:
1 Tie to existing 6" PVC with 6"-90° bend
2 Install 1-6"-45° bend
3 Remove top cap & installed 1-6"-45° bend
4 New 6" PVC water line



ADDENDUM NO. 2
4TH STREET RECONSTRUCTION
MAP-2351(901)
CITY OF ALBUQUERQUE
COA PROJ. NO. 3527.91
U-1 WATERLINE MODIFICATIONS
FIGURE XII

LEEDSHILL-HERKENHOFF, INC.

20/8081.70CD2/UTONE2/2-25-92/DLM

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
WORK STARTED BY Contractor DATE
INSPECTORS ACCEPTANCE BY C.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWING CORRECTED BY L-H, Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARKS

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY -	DATE -
		DRAWN BY -	DATE -
		CHECKED BY -	DATE -

DIMSCL, USER, DWG DATE, INITIALS

26 3527.91 8393

RECORD DRAWINGS
as of May 26, 1993
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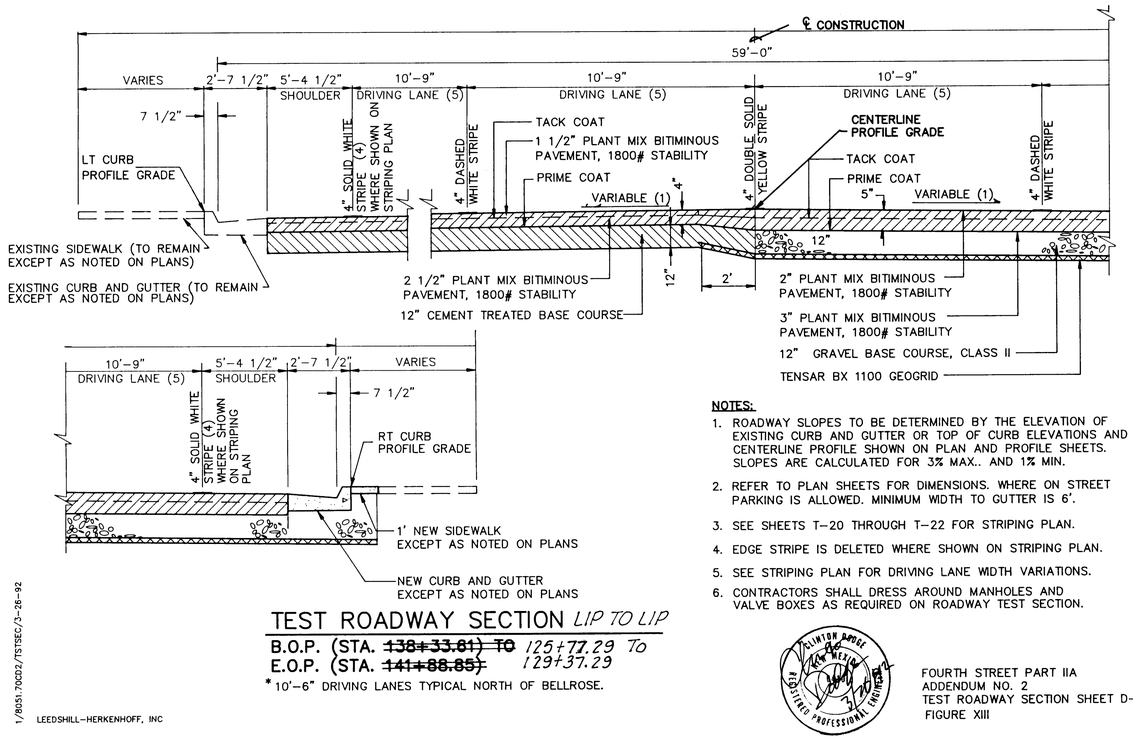
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PHASE IIA
ADDENDUM 2
FIGURE X THROUGH FIGURE XII

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-4 OF



TEST ROADWAY SECTION *LIP TO LIP*

B.O.P. (STA. ~~138+33.81) TO~~ *125+77.29 To*
E.O.P. (STA. ~~141+88.85)~~ *129+37.29*

*10'-6" DRIVING LANES TYPICAL NORTH OF BELLROSE.

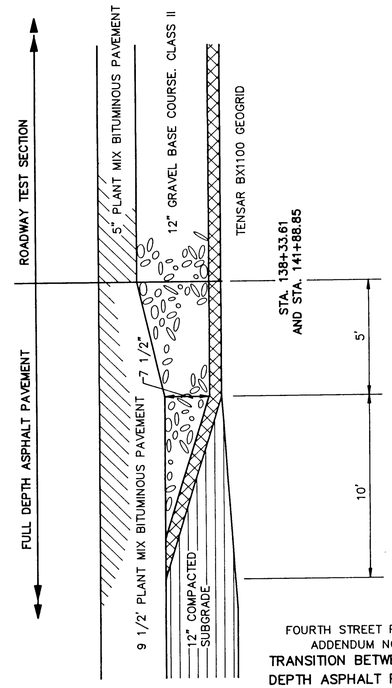
1/8051.70002/TSTSEC/3-26-92

LEEDSHILL-HERKENHOFF, INC

NOTES:

1. ROADWAY SLOPES TO BE DETERMINED BY THE ELEVATION OF EXISTING CURB AND GUTTER OR TOP OF CURB ELEVATIONS AND CENTERLINE PROFILE SHOWN ON PLAN AND PROFILE SHEETS. SLOPES ARE CALCULATED FOR 3% MAX.. AND 1% MIN.
2. REFER TO PLAN SHEETS FOR DIMENSIONS. WHERE ON STREET PARKING IS ALLOWED. MINIMUM WIDTH TO GUTTER IS 6'.
3. SEE SHEETS T-20 THROUGH T-22 FOR STRIPING PLAN.
4. EDGE STRIPE IS DELETED WHERE SHOWN ON STRIPING PLAN.
5. SEE STRIPING PLAN FOR DRIVING LANE WIDTH VARIATIONS.
6. CONTRACTORS SHALL DRESS AROUND MANHOLES AND VALVE BOXES AS REQUIRED ON ROADWAY TEST SECTION.

FOURTH STREET PART IIA
ADDENDUM NO. 2
TEST ROADWAY SECTION SHEET D-3
FIGURE XIII



FOURTH STREET PART IIA
ADDENDUM NO. 2
TRANSITION BETWEEN FULL DEPTH ASPHALT PAVEMENT AND ROADWAY TEST SECTION
FIGURE X1V

1/8051.70001/RDTSTSEC/3-23-92/DLM

LEEDSHILL-HERKENHOFF, INC

AS BUILT INFORMATION
CONTRACTOR MCC, Inc.
STAKED BY Contractor DATE
INSPECTORS ACCEPTANCE BY C.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWING CORRECTED BY C.H. Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
BENCH MARKS
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY –
DRAWN BY –
CHECKED BY –
DATE –
DATE –
DATE –

DIMSCL, DGN, DWG, DATE, INITIALS

26 3527.918493

RECORD DRAWING
Date May 26, 1993
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PHASE IIA
ADDENDUM 2
FIGURE XIII AND FIGURE XIV

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-5 OF

SCALE: 1"=20'

STA. 1+60.27, 30.10' LT
BUILD 1-40'x10' DRIVEPAD WITH
LAYDOWN CURB & GUTTER

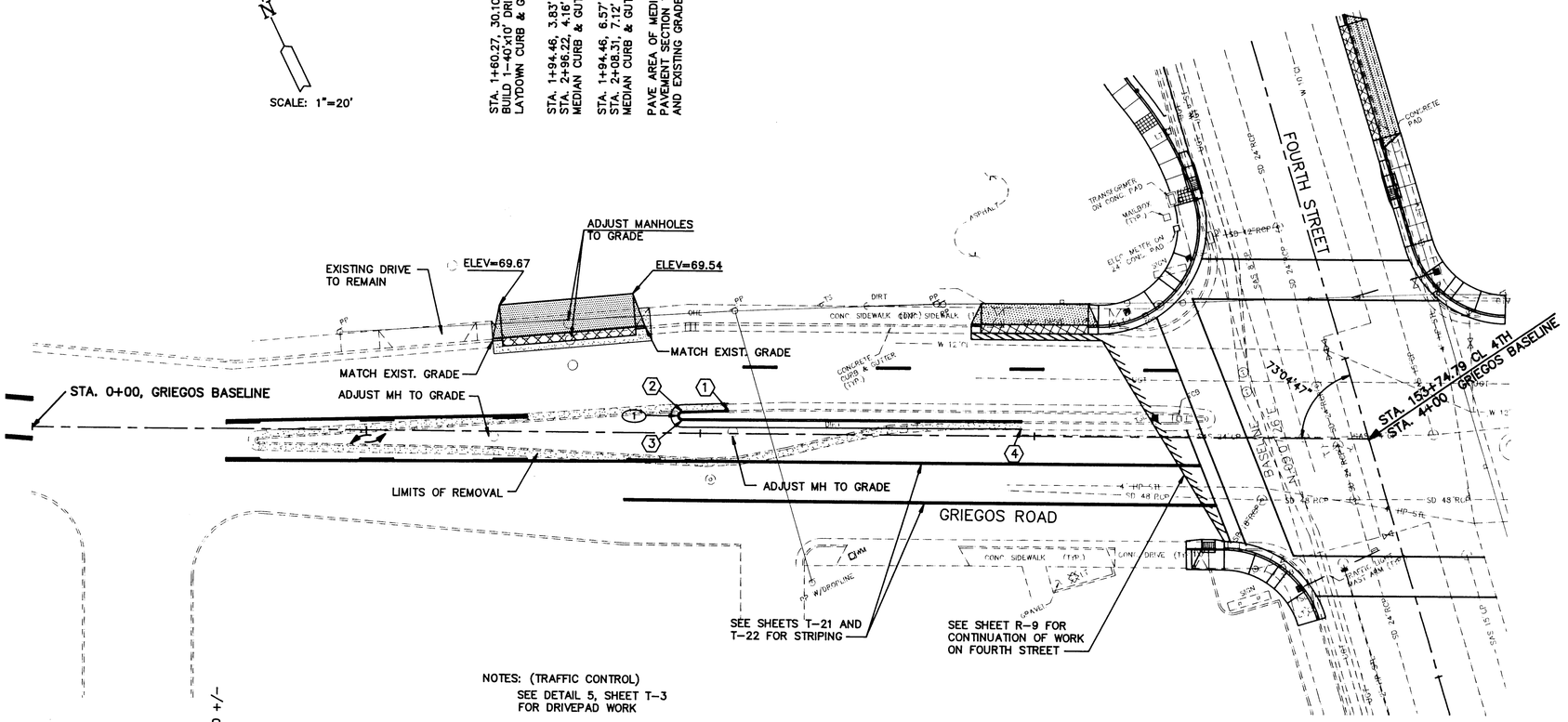
STA. 1+94.46, 3.83' LT. TO
STA. 2+96.22 4.16' LT. BUILD NEW
MEDIAN CURB & GUTTER

STA. 1+94.46, 6.57' LT. TO
STA. 2+08.31, 7.12' LT. BUILD NEW
MEDIAN CURB & GUTTER

PAVE AREA OF MEDIAN REMOVAL WITH
PAVEMENT SECTION TO MATCH EXISTING
AND EXISTING GRADES

CURVE DATA (FOC)				
	Δ	T	L	R
1	175°21'12"	33.77'	4.19'	1.37'

	STATION	OFFSET
1	2+08.31	7.12' LT
2	1+94.46	6.57' LT
3	1+94.46	3.83' LT
4	2+96.22	4.16' LT



NOTES: (TRAFFIC CONTROL)

SEE DETAIL 5, SHEET T-3
FOR DRIVEPAD WORK

SEE DETAIL 1, SHEET T-3
FOR MEDIAN WORK

STA. 1+65 +/- TO STA. 3+70 +/-
REMOVE EXISTING MEDIAN

20/8081.70D32/GRIEGOS/3-26-92/ARL

LEEDSHILL-HERKENHOFF, INC.

ADDENDUM NO.2
4TH STREET RECONSTRUCTION PHASE 11
MAP-2351 (901)
CITY OF ALBUQUERQUE
COA PROJECT No. 3527.91

FIGURE XV

26 3527.918593

RECORD DRAWING
Date May 20, 1993
These drawings have been received based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the as-built document as a result thereof.

AS BUILT INFORMATION
CONTRACTOR Mesa, Inc
WORK STAKED BY Contractor DATE
WORK INSPECTED BY C.A.O. DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L.H. Inc. DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO. DATE REMARKS BY
REVISIONS
DESIGN
DESIGNED BY - DATE -
DRAWN BY - DATE -
CHECKED BY - DATE -

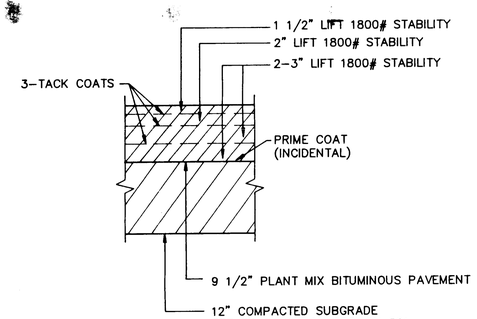
LIMSCL, DISK, DWG, DATE, INITIALS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PHASE IIA
ADDENDUM 2
FIGURE XV

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-6 OF



NOTE: NEW GUTTER SHALL BE 9 1/2" THICK AT LIP SO THAT SUBGRADE ELEVATION IS THE SAME FOR PAVEMENT AND CURB & GUTTER.

1R FULL DEPTH ASPHALT PAVEMENT

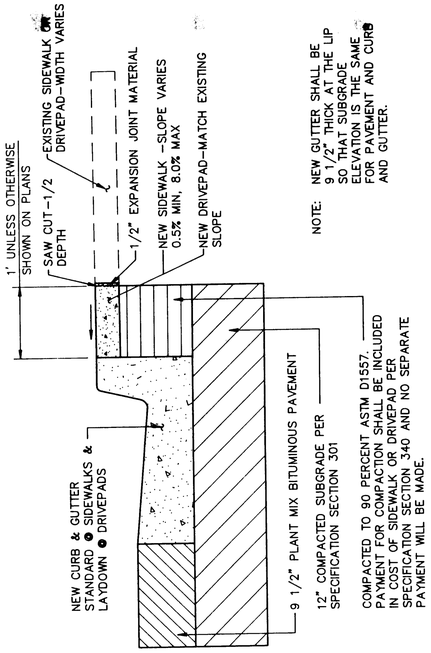
D-1 D-1

NOTE: FULL DEPTH ASPHALT PAVEMENT IS TO BE USED WHERE FEASIBLE. ASPHALT PAVEMENT WITH CTB IS TO BE USED WHERE SUBGRADE SOIL CONDITIONS ARE UNDESIREABLE WITH WRITTEN APPROVAL FROM THE ENGINEER. FOR ESTIMATING PURPOSES, ONE HALF OF THE TOTAL PAVEMENT WAS ASSUMED TO BE ASPHALT PAVEMENT WITH CTB.

1/8051.70CD1/DETR/3-23-92/DLM

LEEDSHILL HERKENHOFF, INC.

FOURTH STREET PART IIA
ADDENDUM NO. 2
DETAIL 1R SHEET D-1



NOTE: NEW GUTTER SHALL BE 9 1/2" THICK AT THE LIP SO THAT SUBGRADE ELEVATION IS THE SAME FOR PAVEMENT AND CURB AND GUTTER.

COMPACTED TO 90 PERCENT ASTM D1557. PAYMENT FOR COMPACTION SHALL BE INCLUDED IN COST OF SIDEWALK OR DRIVEPAD PER SPECIFICATION SECTION 340 AND NO SEPARATE PAYMENT WILL BE MADE.

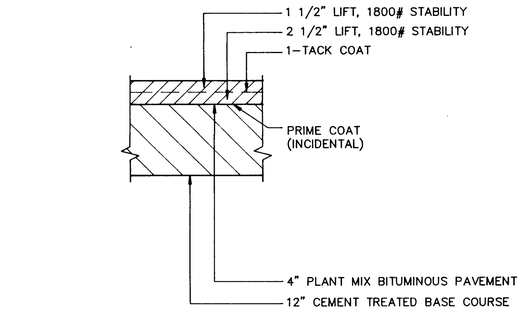
4R DETAIL-SIDEWALK OR DRIVEPAD REPLACEMENT @ NEW CURB & GUTTER

D-1

1/8051.70CD1/DET4R/3-23-92/DLM

LEEDSHILL-HERKENHOFF, INC

FOURTH STREET PART IIA
ADDENDUM NO. 2
DETAIL 4R SHEET D-1



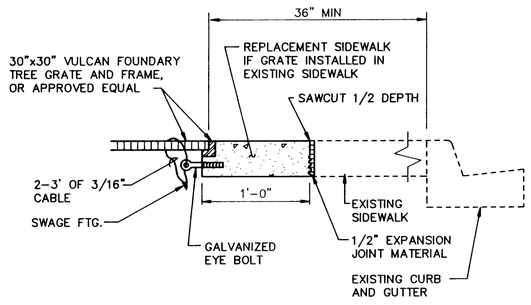
2R ASPHALT PAVEMENT W/CTB

D-1 D-1

1/8051.70CD1/DET2R/3-23-92/DLM

LEEDSHILL HERKENHOFF, INC.

FOURTH STREET PART IIA
ADDENDUM NO. 2
DETAIL 2R SHEET D-1



12R TREE GRATE INSTALLATION DETAIL

D-3 D-3 NTS

8/8051.70CD1/DET12R/3-23-92/DLM

LEEDSHILL HERKENHOFF, INC.

FOURTH STREET PART IIA
ADDENDUM NO. 2
DETAIL 12R SHEET D-3

26 3527.918693

RECORD DRAWING
Date May 26, 1993
These drawings have been revised based on the construction ... of the owner. While the information ... submitted by the Owner will be ... to be reliable the Engineer will not ... responsible for the accuracy of this information nor for errors or omissions which may appear as a ... document as a result ...

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS BUILT INFORMATION
CONTRACTOR AMCO, Inc.
MARKED BY Contractor DATE
INSPECTOR'S ATTENDANCE BY C.A.O. DATE
FIELD VERIFICATION BY DATE
COMPLETED BY L.H. Inc. DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL

NO.	DATE	BY	REMARKS
			REVISIONS
			DESIGN

DESIGNED BY - DATE -
DRAWN BY - DATE -
CHECKED BY - DATE -

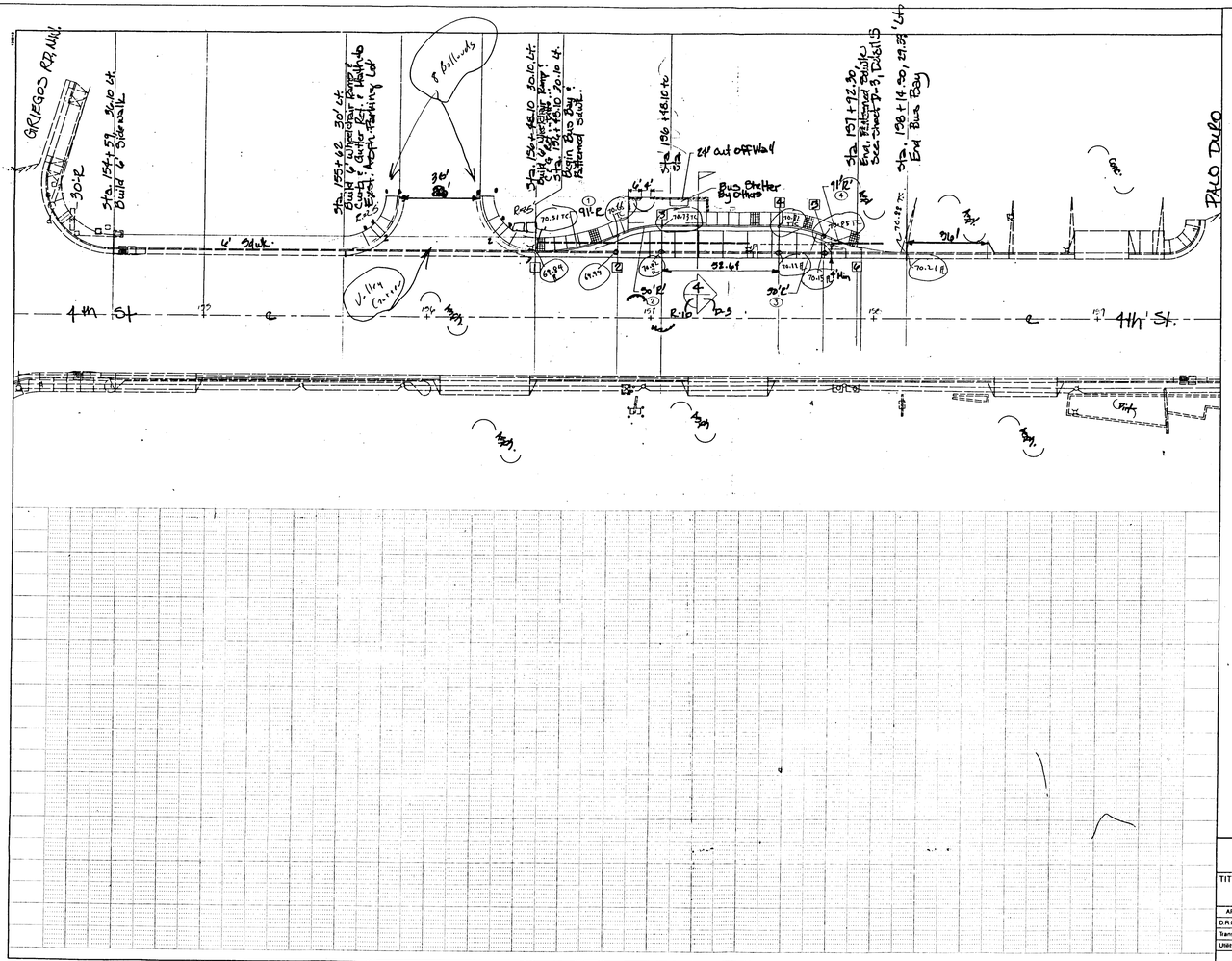
DMCOL, DISK/DWG, DATE, INITIALS

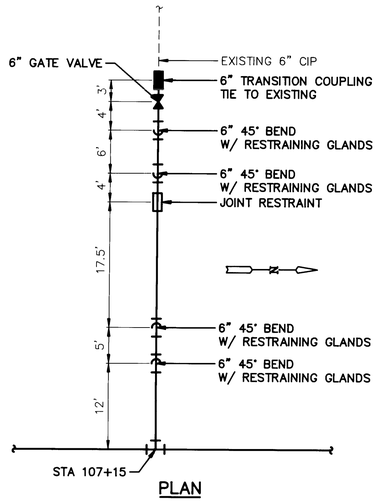
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: 4TH. ST. RECONSTRUCTION PHASE IIA
ADDENDUM 2
DETAILS 1R, 2R, 4R AND 12R

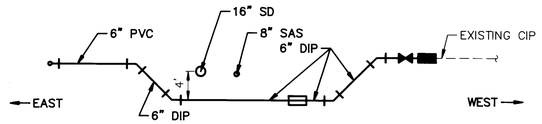
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-7 OF


GRIEGOS RD NW
Sta. 154+59, 5' to ct. Build 6' Sidewalk
Sta. 155+42, 30' ct. Build 6' Wheelchair Ramp, Curb & Gutter Rct. & Match-up Exist. Asph. Parking Lot
8' Bollards
Sta. 156+48.10, 30.10 ct. Build 6' Wheelchair Ramp, Curb & Gutter Rct. & Match-up Exist. Asph. Parking Lot
Sta. 156+48.10 Build 6' Sidewalk
24' out off Wall
Bus Shelter By Others
Sta. 157+92.30 End Retaining Grade Exc. Sidewalk Rct. & Build 15
Sta. 158+14.30, 29.99' Lt. End Bus Bay
PALO DURO
4th St
4th St.
Valley (1' x 1'-6")
R=10
R=15
98.61
91.82
70.51 FC
70.56
70.73 FC
70.82 FC
70.15 FC
70.21 FC
70.21 FC
70.21



PLAN

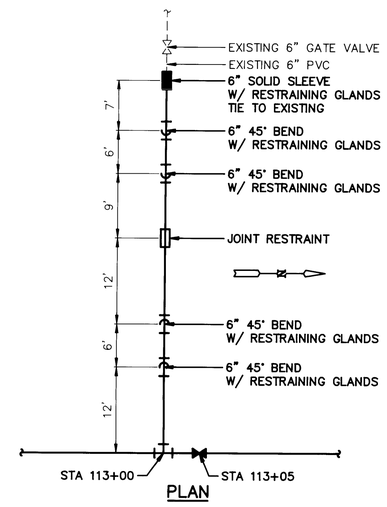


ELEVATION

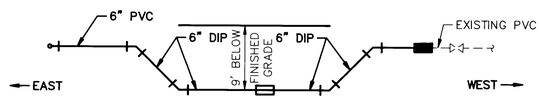
6" WATER TIE TO EXISTING AT MILDRED AVENUE WEST

SCALE: 1" = 10'-0"

1 AD-9 AD-9



PLAN

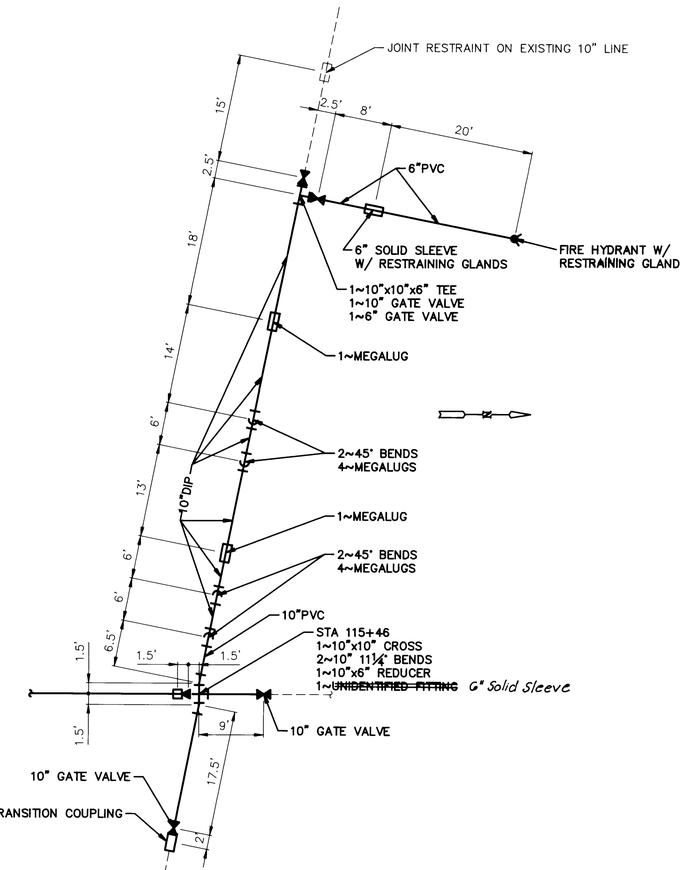


ELEVATION

6" WATER TIE TO EXISTING AT FITZGERALD ROAD WEST

SCALE: 1" = 10'-0"

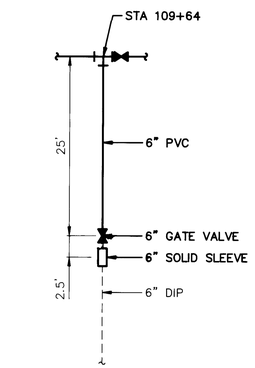
3 AD-9 AD-9



WATER TIE TO EXISTING AT CANDELARIA ROAD

SCALE: 1" = 10'-0"

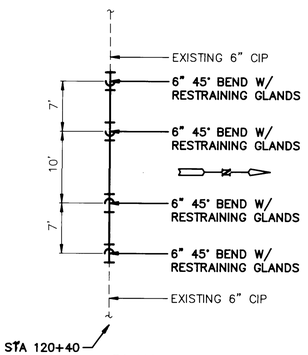
5 AD-9 AD-9



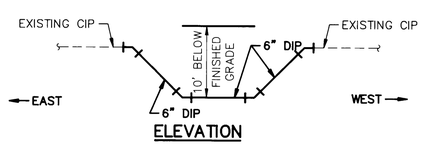
6" WATER TIE TO EXISTING AT SHROPSHIRE PL. EAST

SCALE: 1" = 10'-0"

2 AD-9 AD-9



PLAN



ELEVATION

6" WATERLINE LOWERING AT VERANDA AVENUE WEST

SCALE: 1" = 10'-0"

4 AD-9 AD-9

AS BUILT INFORMATION

CONTRACTOR NCC, Inc.

STAKED BY Contractor DATE

INSPECTORS ACCEPTANCE BY LAO DATE

FIELD VERIFICATION BY DATE

DRAWINGS CORRECTED BY C.H. Inc. DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY – DATE –

DRAWN BY – DATE –

CHECKED BY – DATE –

RECORD DRAWING

Date May 26, 1993

These drawings have been created based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

10/8081.70CD3/CROSSING/4-21-93/MDJ

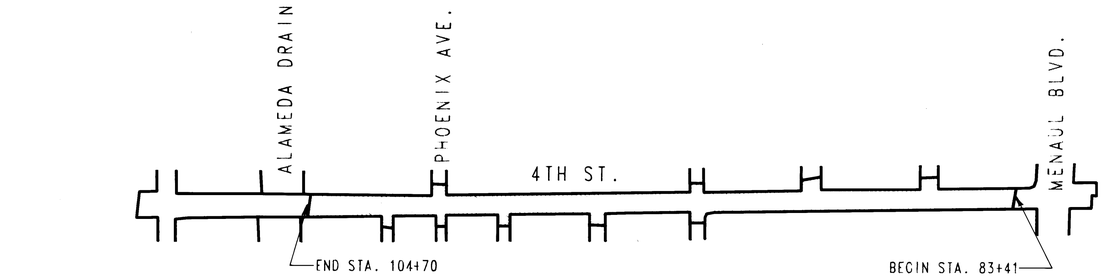
26 3527.918893

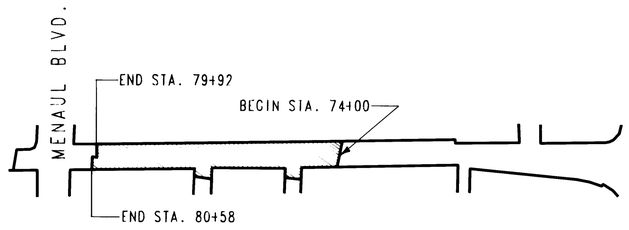
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

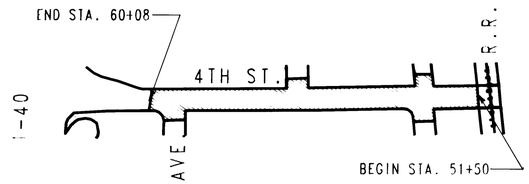
TITLE: 4TH. ST. RECONSTRUCTION PART IIA
WATERLINE AS-BUILT DETAILS

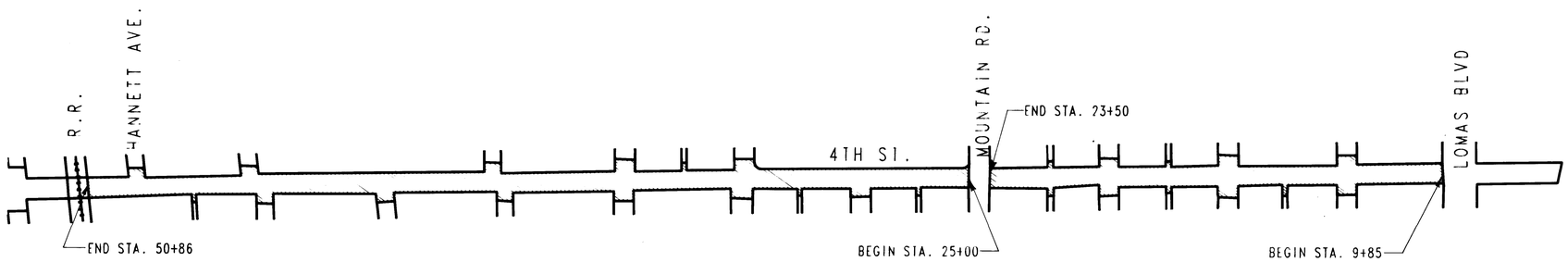
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO. 3527.91 | MAP NO. G14 | SHEET AD-9 OF









LEGEND

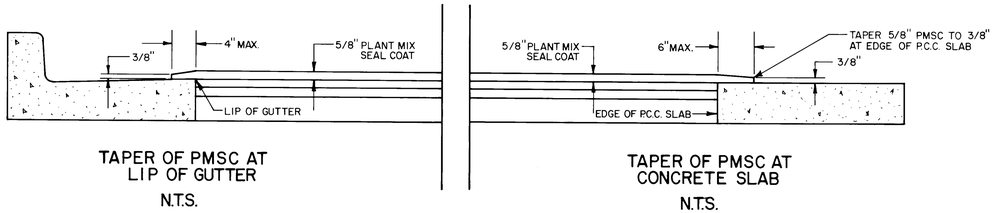
PMSC OVERLAY AREA

AREA NOT TO BE OVERLAYED

SCALE 1"=200

CONSTRUCTION NOTES

1. ANTI-STRIP ADDITIVE SHALL BE ADDED TO THE BITUMINOUS MATERIALS AND MIXED AT THE PLACE OF MANUFACTURE, AS DIRECTED BY THE ENGINEER. THE ANTI-STRIPPING AGENT SHALL NOT BE MIXED WITH BITUMINOUS MATERIAL UNTIL TESTED AND APPROVED BY THE ENGINEER.
2. TACK COAT SHALL CONSIST OF A CSS-1 OR CSS1H EMULSIFIED ASPHALT, DILUTED WITH AN EQUAL VOLUME OF WATER, APPLIED AT THE RATE OF 0.05 TO 0.15 GAL/SQUARE YARD, THE EXACT QUANTITIES BEING DETERMINED BY THE ENGINEER.
3. ALL TEMPORARY ASPHALT "RAMPING" AROUND MANHOLES AND VALVE BOXES SHALL BE REMOVED PRIOR TO PLACEMENT OF PLANT MIX SEAL COAT. THESE REMOVALS ARE INCIDENTAL TO THE PMSC INSTALLATION AND NO SEPARATE PAYMENT WILL BE MADE.
4. THE PLACEMENT OF PLANT MIX SEAL COAT FOR PART 1, 4TH STREET RECONSTRUCTION; LOMAS BLVD. TO ALAMEDA DRAIN, SHALL BEGIN IMMEDIATELY FOLLOWING THE CONSTRUCTION START DATE FOR PROJECT 3527.91, AND SHALL PROCEED UNINTERRUPTED UNTIL COMPLETION.
5. PAVEMENT SURFACE CLEANING, ANTI-STRIP ADDITIVE AND TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE PLACEMENT OF THE PLANT MIX SEAL COAT AND NO SEPARATE PAYMENT WILL BE MADE.
6. THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE CITY CONSTRUCTION COORDINATOR A DETAILED TRAFFIC CONTROL PLAN FOR THE PLANT MIX SEAL COAT INSTALLATION, WHICH MUST BE APPROVED BY THE CITY OFFICE OF CONSTRUCTION COORDINATOR THREE (3) WORKING DAYS IN ADVANCE OF ANY REQUIRED LANE CLOSURE.
7. ALL SIGNS MUST BE INSTALLED BEFORE CONSTRUCTION BEGINS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND MAINTAIN SIGNS IN ACCORDANCE WITH THE APPROVED TRAFFIC CONTROL PLAN. ALL SIGNS WILL BE MOVED FORWARD AS CONSTRUCTION PROGRESSES.
8. PLANT MIX SEAL COAT SHALL CONFORM TO SECTION 329 OF THE SUPPLEMENTAL TECHNICAL SPECIFICATION.



TAPER OF PMSC AT LIP OF GUTTER
N.T.S.

TAPER OF PMSC AT CONCRETE SLAB
N.T.S.

26 3527.918993

AS BUILT INFORMATION
CONTRACTOR MCC, Inc
WORK PERFORMED BY Contractor DATE
INSPECTIONS
ACCEPTANCE BY C.A.O. DATE
FIELD LOCATION BY DATE
DRAWINGS
CORRECTED BY: T-H, Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

RECORD DRAWING
as of May 26, 1993
These drawings have been corrected based on the construction records of the owner. While the information submitted by the Owner and the statements by the Owner and the Engineer and contractor as to the accuracy of the record drawings are to the best of their knowledge and belief, neither the Owner nor the Engineer nor the contractor warrant the accuracy of the information.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY	DATE
		DRAWN BY	DATE
		CHECKED BY	DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

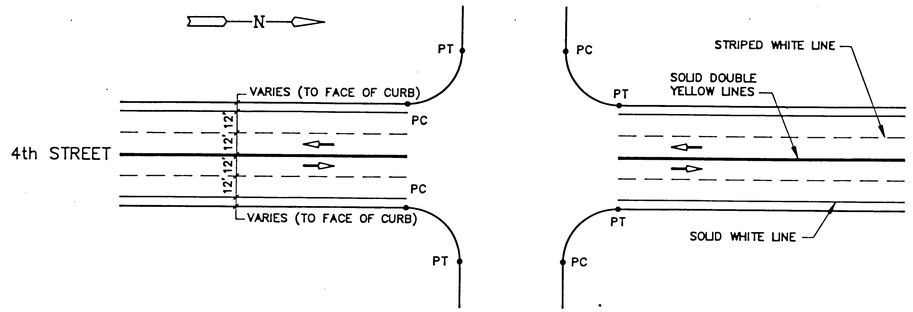
TITLE: CONSTRUCTION OF 5/8" PLANT MIX SEAL COAT FOR FOURTH ST., PART I, LOMAS TO ALAMEDA DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

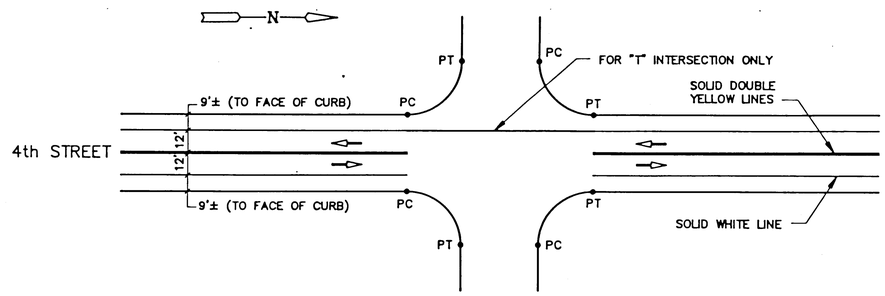
PROJECT NO. 3527.91 | MAP NO. | SHEET OF AD-10

ADDENDUM 2

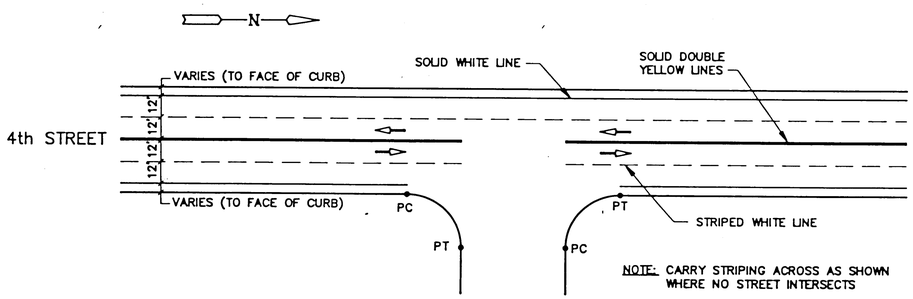
141907



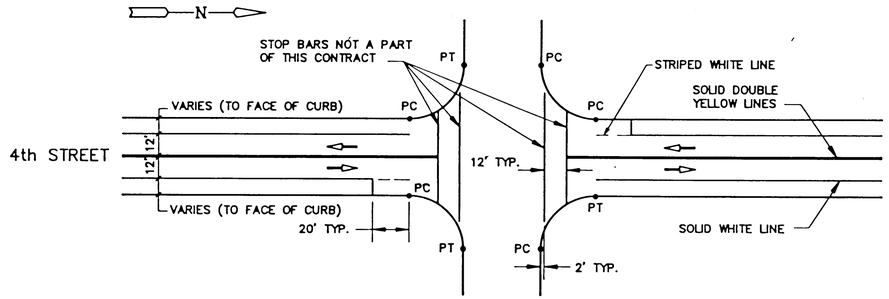
STRIPING PLAN FOR 4-WAY
INTERSECTION NORTH OF STA. 60+14.97



STRIPING PLAN FOR 4-WAY
INTERSECTION SOUTH OF STA.16+40.90



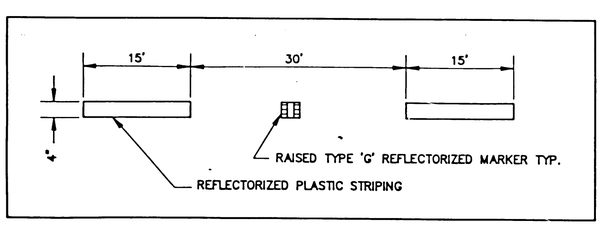
TYPICAL STRIPING PLAN FOR
"T" INTERSECTION NORTH OF STA. 60+14.97



STRIPING PLAN FOR
MOUNTAIN ROAD - SIGNALIZED INTERSECTION

NOTES

1. LANEING MATERIAL: 4" WIDE - 90 MIL. THICK REFLECTORIZED PLASTIC. PREFORMED COLD IN ACCORDANCE WITH SUPPLEMENTAL TECHNICAL SPECIFICATIONS.
2. STOP BARS NOT PART OF THIS CONTRACT.
3. DRAWING NOT TO SCALE



TYPICAL STRIPING DETAIL
N.T.S.

NOTE:
CURB PAINTING WILL BE DONE BY CITY FORCES AFTER COMPLETION OF CONSTRUCTION.

AS BUILT INFORMATION
CONTRACTOR MCC, Inc
WORK STARTED BY Contractor DATE
INSPECTED BY DATE
ACCEPTANCE BY C.A.O. DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY L-H, Inc DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
BY DATE
NO.

ENGINEER'S SEAL

REVISIONS
NO. DATE REMARKS BY DATE
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

S.L.T.
DRAWN TRACED CHECKED
JOB NO. 8081.21 DESIGNED CHECKED
CADD REVISION DATE: 3/6/90

DRC DRAWING
May 26, 1993

26 3527.919093

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
STRIPING PLAN-4TH ST., RECONSTRUCTION, PART I, LOMAS BLVD. TO ALAMEDA DRAIN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC Chair					
Trans. Dev.					
Utility Dev.					

DRAWING NO. 3527.91 | MAP NO. | SHEET OF AD-11

ADDENDUM 2
TO 4TH ST., RECONSTRUCTION, PART IIA