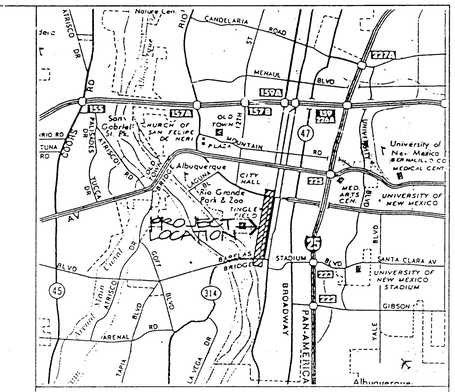
CONSTRUCTION DOCUMENTS

FOURTH STREET STREETSCAPE

BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO



VICINITY MAP: K-14-Z, L-14-Z

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ARCHITECTURAL:

A-1	STREETSCAPE PLAN	: 1" = 20'
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ELECTRICAL:

E1	ELECTRICAL PLAN	: 1" = 20'
E2	ELECTRICAL PLAN	: 1" = 20'
E3	ELECTRICAL PLAN	: 1" = 20'
E4	ELECTRICAL PLAN	: 1" = 20'
E5	ELECTRICAL PLAN	: 1" = 20'
E6	ELECTRICAL PLAN	: 1" = 20'
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TRAFFIC CONTROL:

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APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 10-2-98

- ALL WORK TO BE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 1986 EDITION (AS UPDATED WITH REVISION #5), OR PER ATTACHED SPECIFICATIONS.
- (3) THREE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. REFER TO SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
- THE WATER SYSTEMS DIVISION (857-8200) SHALL BE NOTIFIED (5) FIVE WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT EXISTING PUBLIC WATER FACILITIES. THE CONTRACTOR SHALL ALSO COORDINATE FOR VALVE OPERATION FOR WATER SHUTOFF.
- (3) THREE WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM PHONE: 260-1990, TO LOCATE UNDERGROUND UTILITIES 2 WORK DAYS PRIOR TO BEGINNING EXCAVATION.
- THE CONTRACTOR SHALL CONTACT TRAFFIC ENGINEERING OPERATIONS AT 764-1599 FOR REMOVAL AND REPLACEMENT OF TRAFFIC SIGNS.
- THE CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING UTILITIES, UNLESS NOTED OTHERWISE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL EXISTING IMPROVEMENTS ARE TO REMAIN, UNLESS SPECIFICALLY NOTED TO BE REMOVED. CONTRACTOR SHALL REPAIR ANY CONTRACTOR-CAUSED DAMAGE, AS DETERMINED BY THE ENGINEER TO EXISTING IMPROVEMENTS TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CHECK ALL DIMENSIONS, HORIZONTAL AND VERTICAL, AND SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CONFLICT CAN BE RESOLVED WITH THE MINIMUM AMOUNT OF DELAY.
- FOR PURPOSES OF THIS PROJECT THE TERM ENGINEER SHALL REFER TO EITHER THE OWNER'S EMPLOYEE OR THE LANDSCAPE ARCHITECT RESPONSIBLE FOR CONSTRUCTION INSPECTION OF THE PROJECT.
- ALL REFERENCES TO COMPACTED BACKFILL OR COMPACTED SUBGRADE SHALL MEAN SOIL COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISH ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO NEW GRADE, UNLESS OTHERWISE SPECIFIED.

RECORD SET
May 1, 1997

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE

APPROVALS	ENGINEER	DATE
DRC Chairman		12-21-95
Transportation		12-21-95
Water/Wastewater		12-21-95
Hydrology		12/21/95
Parks		12/21/95
Constr. Mngmt.		
Traffic OPER.		12-21-95

APPROVED FOR CONSTRUCTION
City Engineer — Date 12/21/95

City Project No. 4917.90

Sheet 1 Of 1

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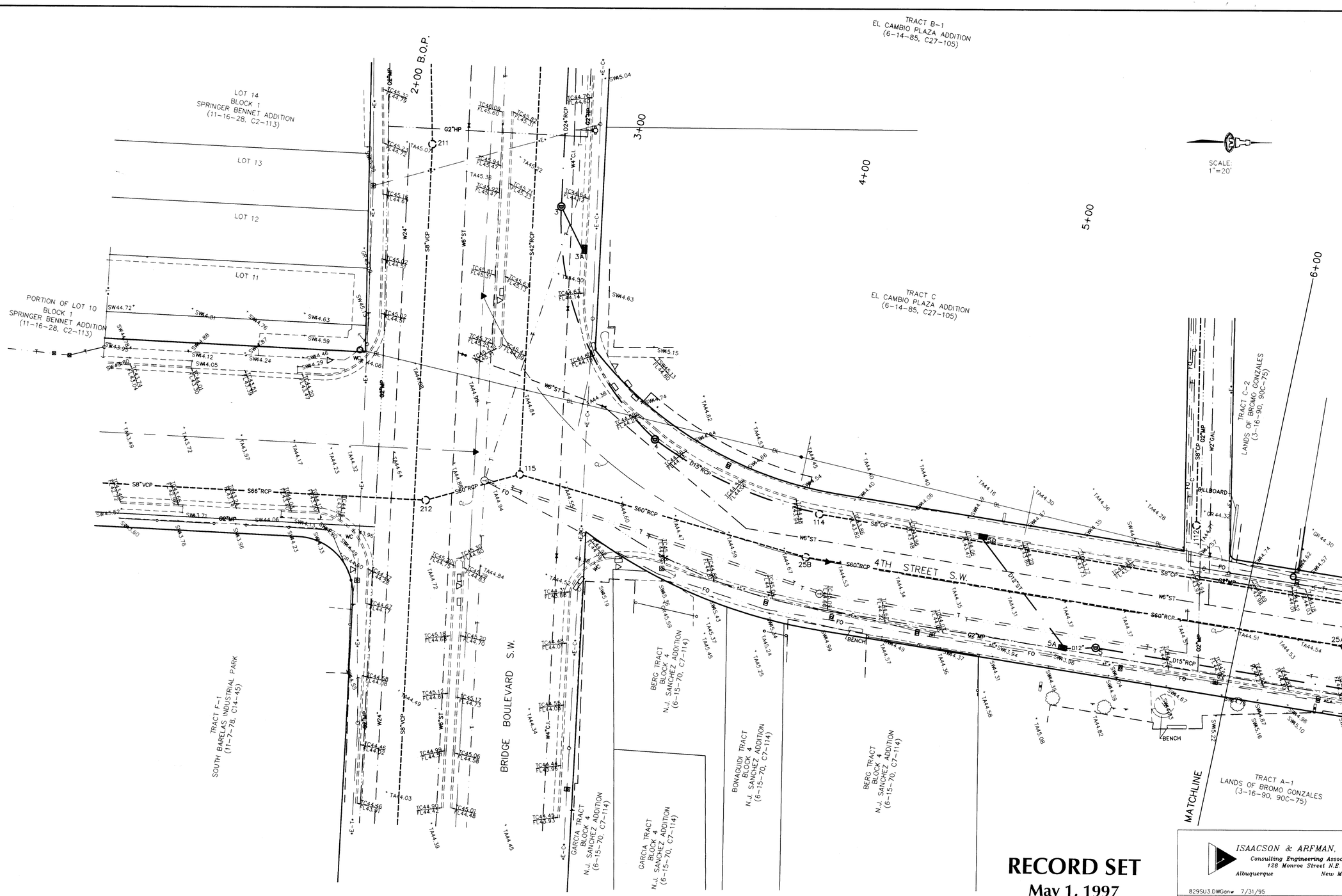
SCANNED BY ... ASON

Total: 74 Shts



SANITARY SEWER MANHOLE DATA

MH NO.	RIM ELEVATION	INVERT
211	45.24	35.56(E&W)
212	44.77	COULDN'T OPEN
115	44.91	COULDN'T OPEN
25B	44.62	38.11 (N&S)
114	44.09	COULDN'T OPEN
112	44.18	36.64 (W)
25A	44.46	36.46 (N&S)

STORM DRAIN MANHOLE/DROP INLET DATA

MH/D.I. NO.	RIM/GRATE ELEVATION	INVERT
3	44.65	29.97 (W&E)
3A	43.75	42.02
4	44.27	41.17 (N&S)
5	44.20	39.47 (N)
5A	43.99	41.37
5B	43.28	42.35

RECORD SET
May 1, 1997

Timothy Aldrich
09-11-95

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
26	4917.90													

Continued

SCANNED BY

AS-BUILT INFORMATION

CONTRACTOR	Albuquerque Underground Inc.	
WORK STAKED BY	C.O.A.	DATE 4/22
INSPECTOR'S ACCEPTANCE BY	Leroy Romero	DATE 4/97
FIELD VERIFICATION BY	C.O.A.	DATE 8/97
DRAWINGS CORRECTED BY	AUI	DATE 8/98
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924

T.B.M. BASELINE STA. 2+00 (CROSS IN SIDEWALK)
@ BRIDGE BLVD. & 4TH ST. INTERSECTION (S.W. QUAD.)
ELEV.: 4944.69

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REMARKS

DESIGN

		DATE
DESIGNED BY	ALS	5/95
DRAWN BY	I&A	7/95
CHECKED BY		DATE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

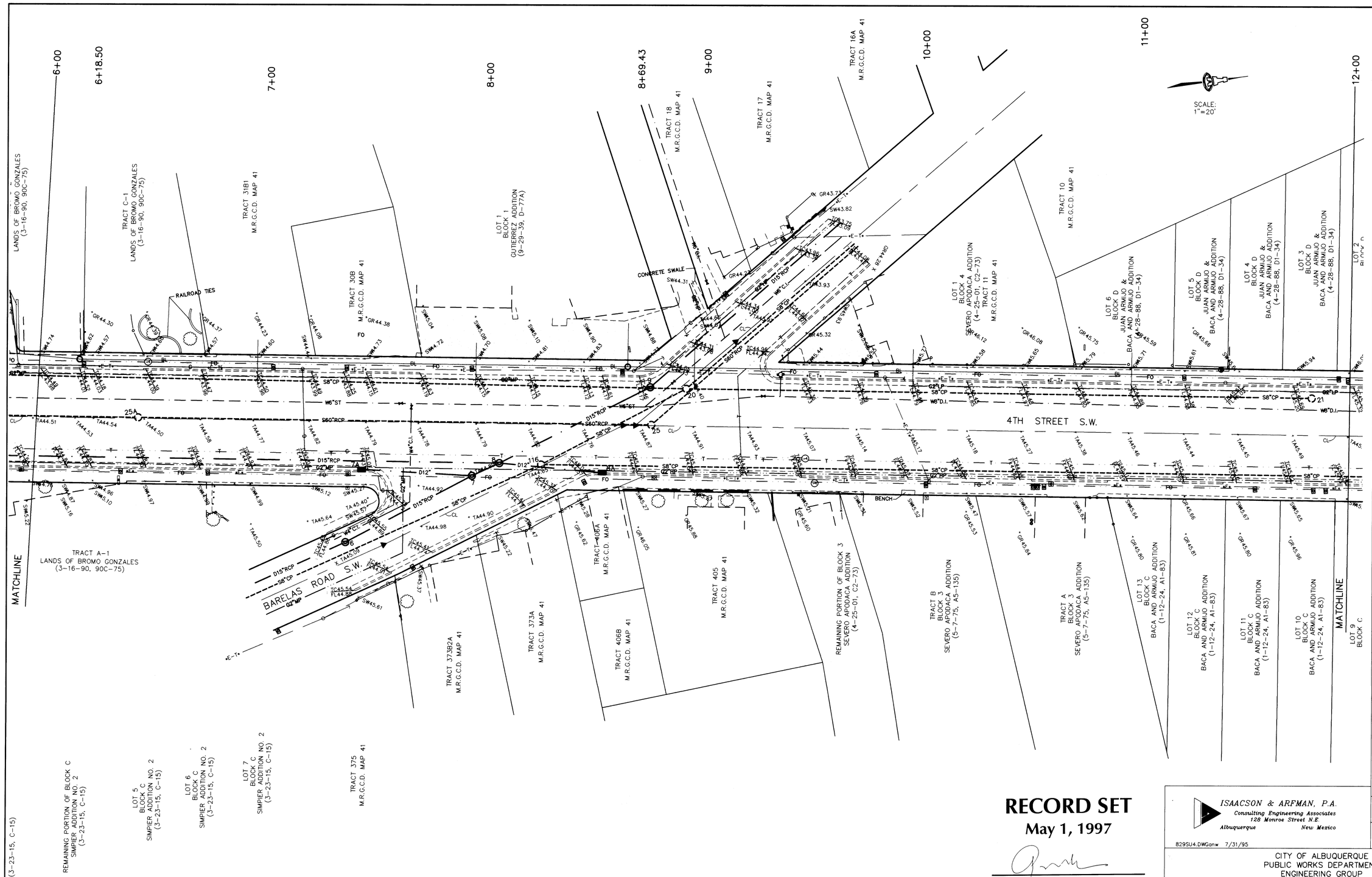
829SU3.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY**
STA 0+00 TO STA 6+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
BJ.L 12/21/95	CE 12/21/95		10/6/96	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	S-1	8



SANITARY SEWER MANHOLE DATA

MH NO.	RIM ELEVATION	INVERT
112	44.18	36.64 (W)
25A	44.46	36.46 (N&S)
116	44.80	36.36 (N,NW&SE)
25	44.87	25.97 (S&NW)
20	44.58	35.56 (NE&SW)
21	45.36	COULDN'T OPEN
22	45.41	COULDN'T OPEN

STORM DRAIN MANHOLE/DROP INLET DATA

MH/D.I. NO.	RIM/GRATE ELEVATION	INVERT
6	45.01	37.66 (NW&SE)
7	44.86	COULDN'T OPEN
7A	45.15	42.25
8	44.82	37.02 (S,NW&SE)
8A	44.16	42.19
9	44.45	36.17 (NW&SE)

RECORD SET
May 1, 1997

REGISTERED PROFESSIONAL SURVEYOR 7718 NEW MEXICO
05-11-95

SCANNED BY MASON

AS-BUILT INFORMATION
CONTRACTOR [redacted]
WORK STAKED BY ACE C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Larry Bowers DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY A.C.I. DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924
T.B.M. BASELINE STA 8+69.43 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND BARELAS RD. S.W.
ELEV.: 4944.77

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
	6/19/96	ISSUED FOR CONSTRUCTION	

		DATE
DESIGNED BY	ALS	5/95
DRAWN BY	I&A	7/95
CHECKED BY		

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

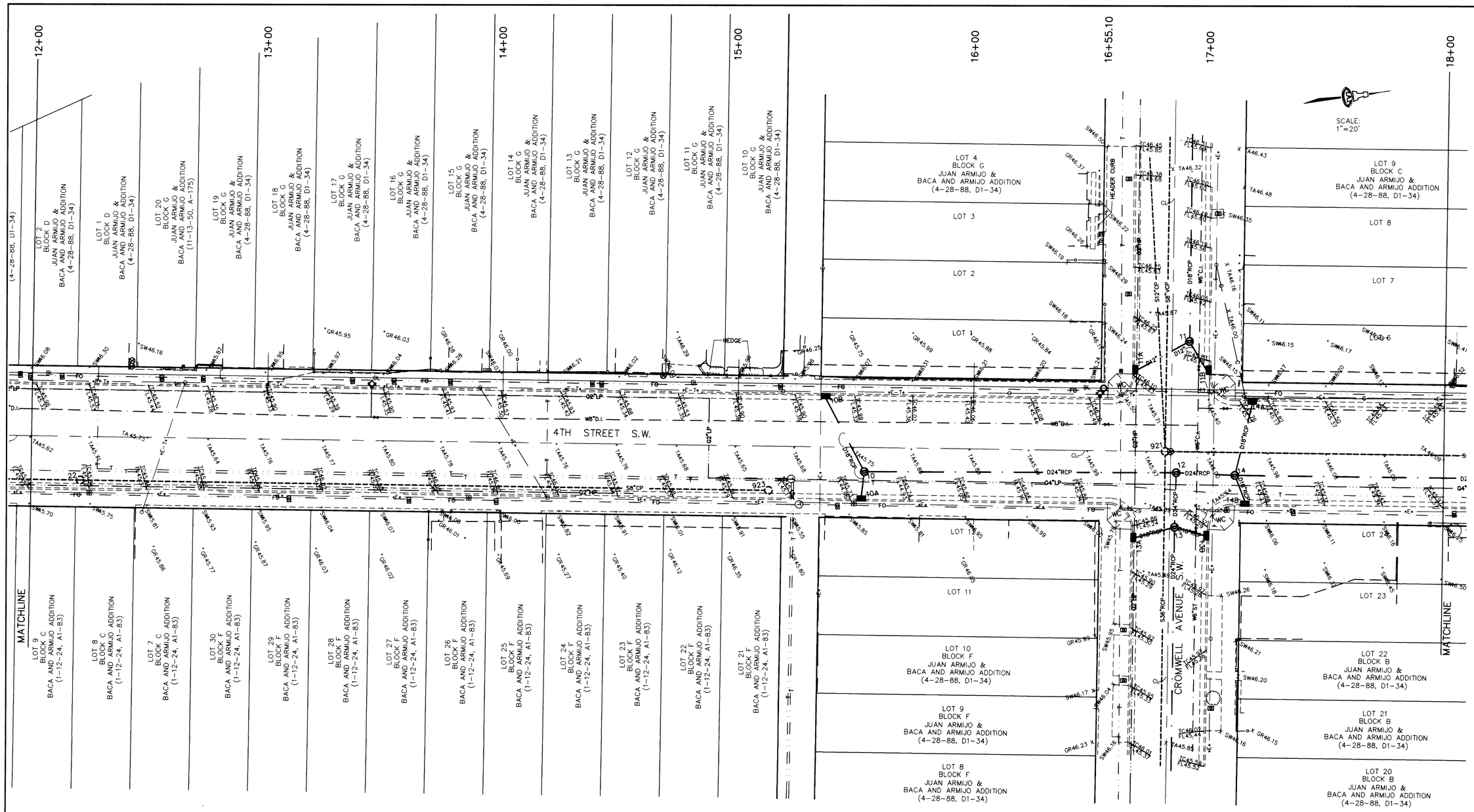
829SU4.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY**
STA 6+00 TO STA 12+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	CE 12/21/95		10/6/95	

City Project No. 4917.90 | Zone Map No. L-14 | Sheet S-2 Of 8



SANITARY SEWER MANHOLE DATA

MH NO.	RIM ELEVATION	INVERT
921	46.02	32.72 (N,E&W)
923	45.35	38.26 (S)
22	45.41	COULDN'T OPEN
21	45.36	COULDN'T OPEN

STORM DRAIN MANHOLE/DROP INLET DATA

MH/D.I. NO.	RIM/GRATE ELEVATION	INVERT
10	45.40	COULDN'T OPEN
10A	44.86	39.29
10B	45.15	39.32
11	45.70	41.57 (W)
11A	45.24	43.49
11B	45.00	42.95
12	46.00	38.11 (N,S&E)
13	45.67	38.28 (E&W)
13A	45.15	40.37
13B	45.32	40.59
14	45.88	37.90 (N&S)
14A	44.98	42.08
14B	45.13	COULDN'T OPEN

RECORD SET
May 1, 1997

09-11-95

SCANNED BY
ASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY ARFF C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Larry Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY AUTI DATE 8/96

MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
T.B.M. BASELINE STA 16+55.10 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND CROMWELL AVE. S.W.
ELEV.: 4946.22

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

ISSUED FOR CONSTRUCTION

NO.	DATE	REMARKS	BY
	6/12/96	REVISIONS	
		DESIGN	

DESIGNED BY ALS DATE 5/95
DRAWN BY I&A DATE 7/95
CHECKED BY DATE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

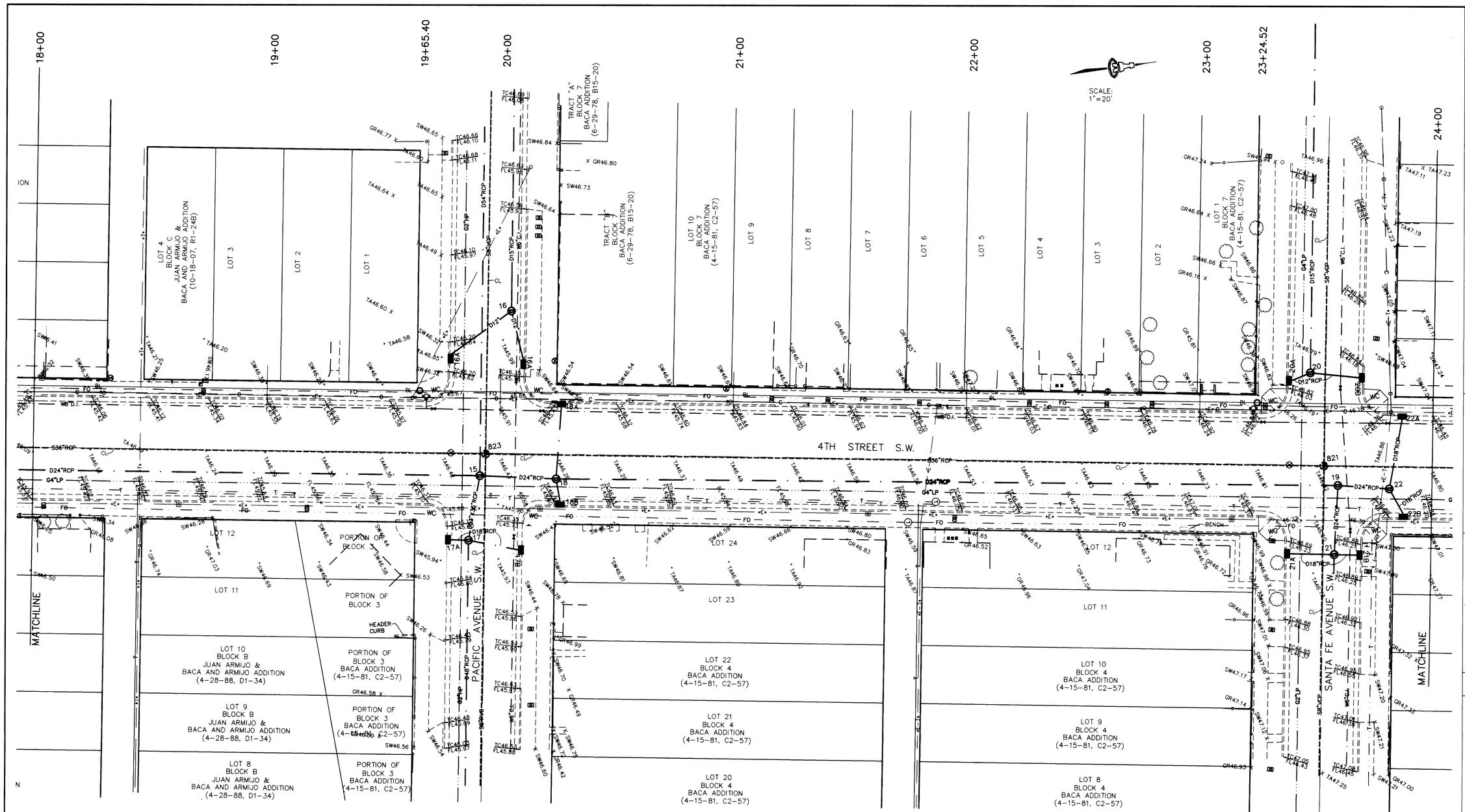
829SU5.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY**
STA 12+00 TO STA 18+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No. 4917.90 | Zone Map No. L-14 | Sheet S-3 Of 8



SANITARY SEWER MANHOLE DATA

MH NO.	RIM ELEVATION	INVERT
821	46.94	33.67 (N,S,E&W)
823	46.48	33.13 (N,S,E&W)

STORM DRAIN MANHOLE/DROP INLET DATA

MH/D.I. NO.	RIM/GRATE ELEVATION	INVERT
15	46.29	36.94 (N,S,E&W)
16	46.02	41.02 (W)
16A	45.37	43.84
16B	45.49	43.24
17	45.90	36.93 (E&W)
17A	45.62	41.62
17B	45.77	42.29
18	46.18	36.83 (N&S)
18A	45.40	43.10
18B	45.60	39.91
19	46.80	38.31 (N,S&E)
20	46.64	42.04 (W)
20A	45.86	43.46
20B	45.77	43.46
21	46.61	38.34 (E&W)
21A	45.98	42.18
21B	46.12	41.97
22	46.67	38.52 (S)
22A	46.10	42.93
22B	46.08	41.02

RECORD SET
May 1, 1997

CITY ALBUQUERQUE ARCHITECT ENGINEER 7718 MAY 1, 1997
05-11-95

SCANNED BY
AY LASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY AZZI C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Larry Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY AVI DATE 5/97

BENCH MARKS
T.B.M. BASELINE STA 23+24.57 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND SANTA FE AVE. S.W.
ELEV.: 4946.90

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
	6/19/96	ISSUED FOR CONSTRUCTION	

		DATE
DESIGNED BY	ALS	5/95
DRAWN BY	I&A	7/95
CHECKED BY		DATE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

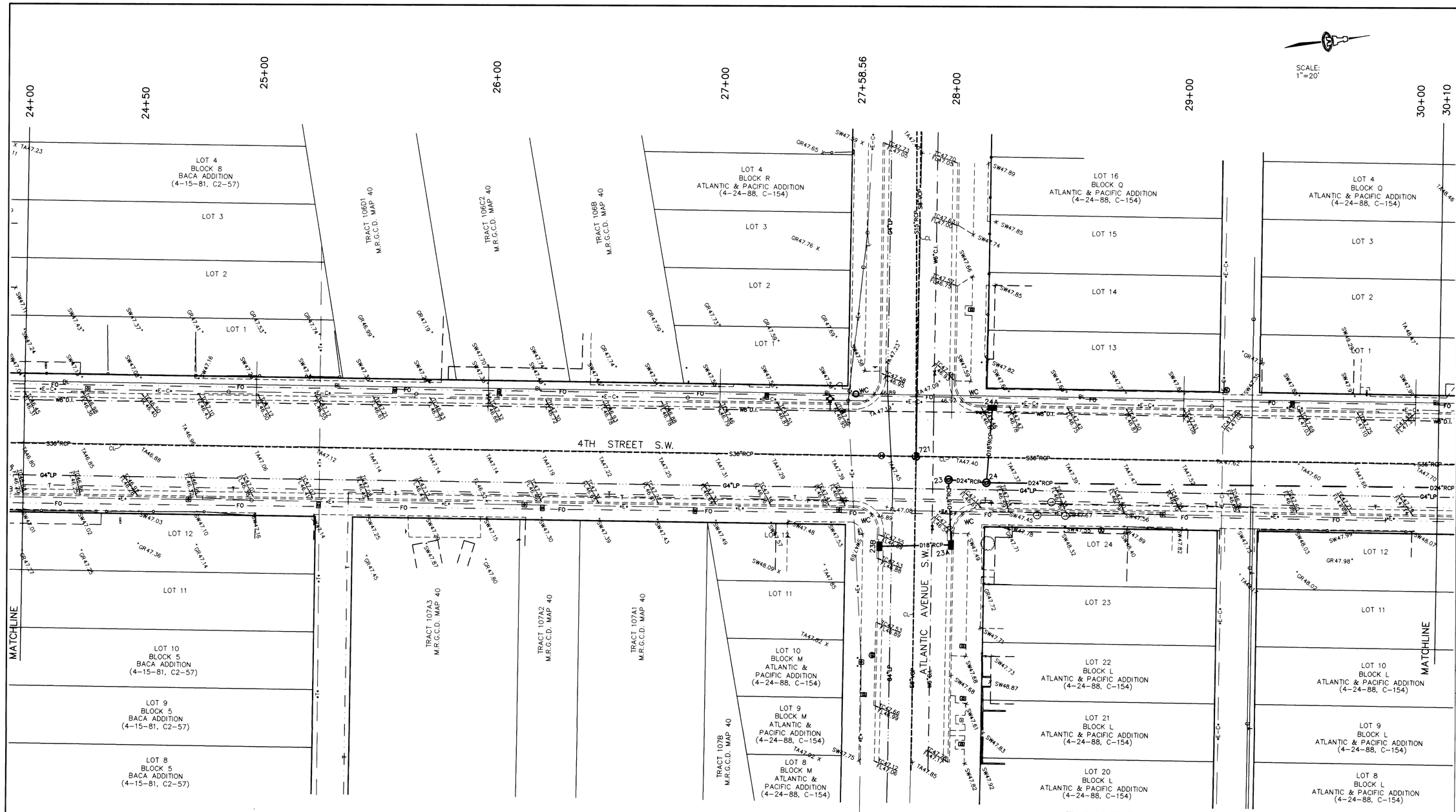
829SU6.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY**
STA 18+00 TO STA 24+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	CE 12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K-14	S-4	8



RECORD SET
May 1, 1997

SANITARY SEWER MANHOLE DATA

MH NO.	RIM ELEVATION	INVERT
622	47.94	34.97 (N,S,E&W)
721	47.48	34.30 (N,S,E&W)

STORM DRAIN MANHOLE/DROP INLET DATA

MH/D.I. NO.	RIM/GRATE ELEVATION	INVERT
23	47.28	41.41 (N)
23A	46.56	44.00
23B	46.78	44.79
24	47.17	41.23 (N&S)
24A	46.71	44.19
25	47.68	40.87 (N,S,&E)
26	47.40	40.80 (W)
26A	46.87	44.92
26B	47.27	45.32

03-11-95

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK INSPECTOR'S ACCEPTANCE BY C.O.A. DATE 4/97
FIELD VERIFICATION BY Larry Romero DATE 4/97
DRAWINGS CORRECTED BY C.O.A. DATE 9/97
AUI DATE 9/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564
T.B.M. BASELINE STA 27+58.56 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND ATLANTIC AVE. S.W.
ELEV.: 4947.60

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

SEAL
ENGINEER'S

ISSUED FOR CONSTRUCTION
REMARKS
REVISIONS
DESIGN

NO.	DATE	BY
6	6/96	

DESIGNED BY ALS DATE 5/95
DRAWN BY R&A DATE 7/95
CHECKED BY DATE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

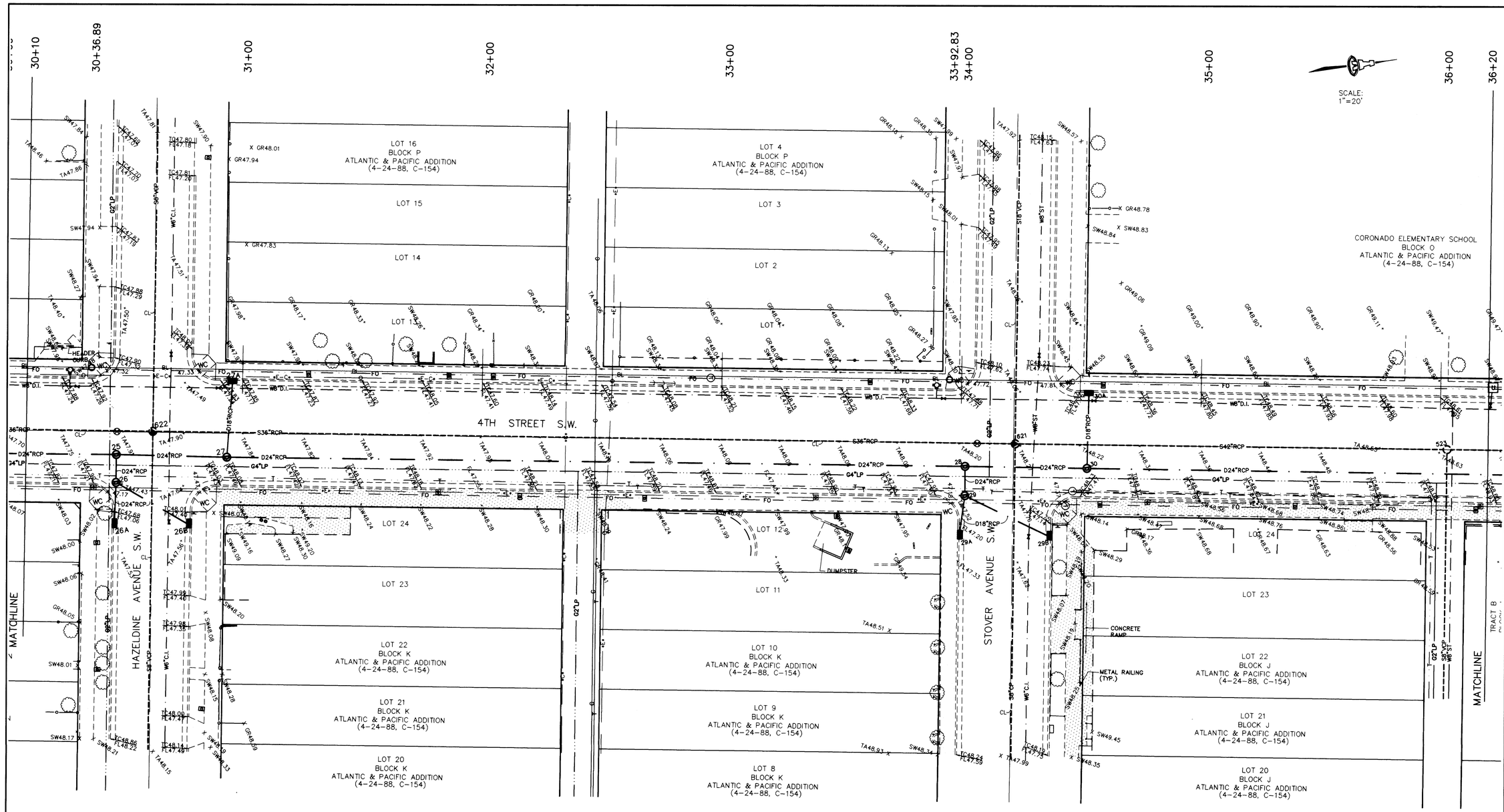
829SU7.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY**
STA 24+00 TO STA 30+10

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	CE 12/21/95		10/6/95	

City Project No. 4917.90 | Zone Map No. K-14 | Sheet S-5 Of 8



SANITARY SEWER MANHOLE DATA

MH NO.	RIM ELEVATION	INVERT
523	48.63	35.62 (N,S,&E)
621	48.28	34.62 (N,S,E&W)
622	47.94	34.97 (N,S,E&W)

STORM DRAIN MANHOLE/DROP INLET DATA

MH/D.I. NO.	RIM/GRATE ELEVATION	INVERT
25	47.68	40.87 (N,S,&E)
26	47.40	40.80 (W)
26A	46.87	44.92
26B	47.27	45.32
27	47.75	40.94 (N&S)
27A	47.04	41.66
28	47.87	COULDN'T OPEN
29	47.58	40.58 (W)
29A	47.07	44.89
29B	47.03	45.01
30	47.92	COULDN'T OPEN
30A	47.63	41.84

RECORD SET
May 1, 1997

09-11-95

SCANNED BY
BY LASON

AS-BUILT INFORMATION

CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK PERMITED BY C.O.A. DATE 4/7
INSPECTOR'S ACCEPTANCE BY Jerry Rosco DATE 4/7
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY AUL DATE 8/97
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564

T.B.M. BASELINE STA. 33+92.83 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND STOVER AVE. S.W.
ELEV.: 4948.41

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY ALS DATE 5/95
DRAWN BY I&A DATE 7/95
CHECKED BY DATE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

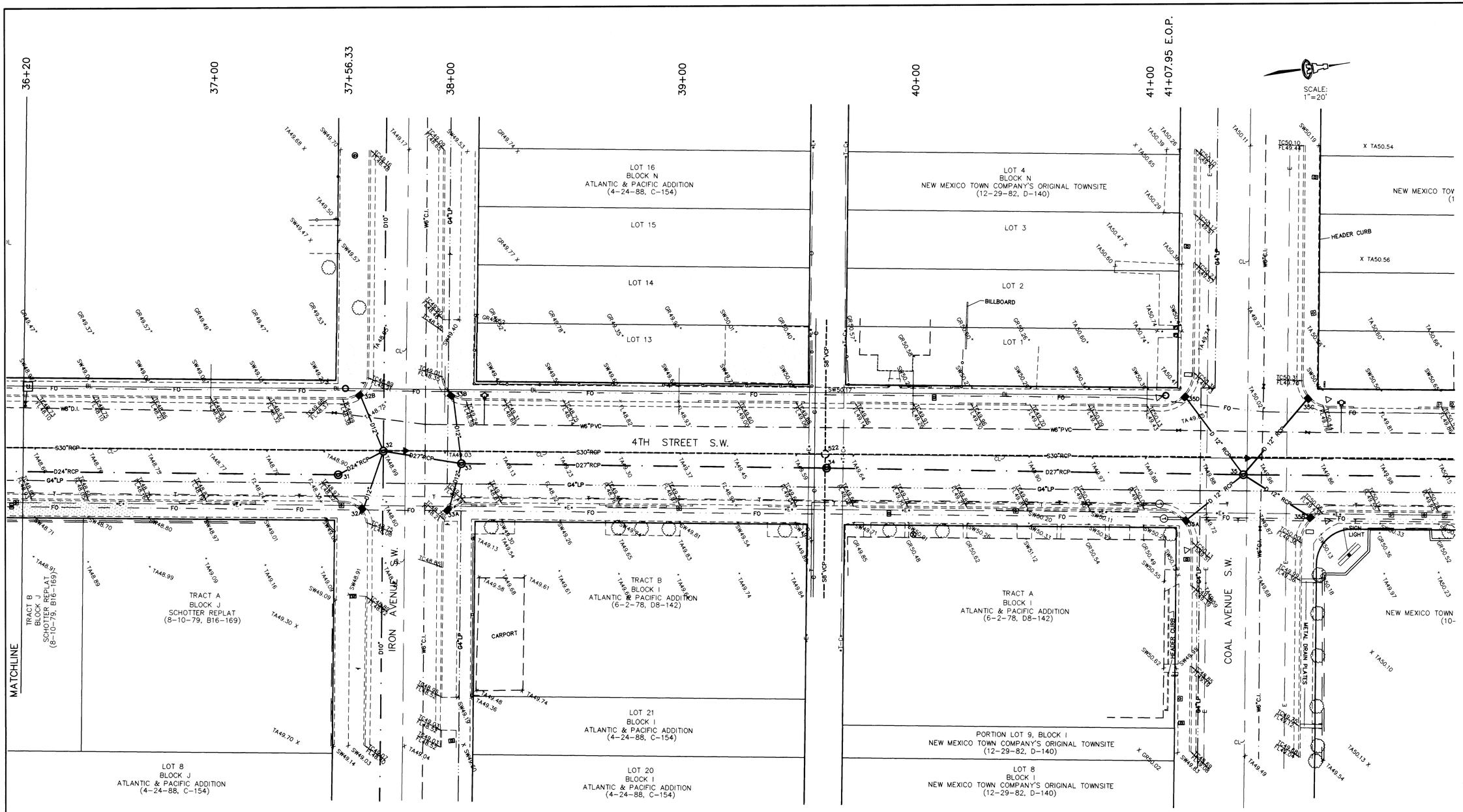
829SU8.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY**
STA 30+10 TO STA 36+20

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	CE 12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K-14	S-6	8



SANITARY SEWER MANHOLE DATA

MH NO.	RIM ELEVATION	INVERT
522	49.68	36.13 (N,S,E&W)
523	48.63	35.62 (N,S&E)

STORM DRAIN MANHOLE/DROP INLET DATA

MH/D.I. NO.	RIM/GRATE ELEVATION	INVERT
31	48.75	39.29 (N,S,&W)
32	49.00	39.54 (N,E&W)
32A	47.94	43.96
32B	48.13	46.33
33	49.07	40.84 (N&S)
33A	48.17	46.89
33B	48.20	46.59
34	49.56	41.29 (N&S)
35	50.00	42.91 (N&S)
35A	49.16	46.17
35B	49.16	45.03
35C	49.46	47.25
35D	49.43	47.22

RECORD SET
May 1, 1997

09-11-95

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
SURVEY STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Leroy Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY AVI DATE 8/97

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564
T.B.M. BASELINE STA 41+07.95 (E.O.P. CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND COAL AVE. S.W.
ELEV.: 4950.29

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY ALS DATE 5/95
DRAWN BY I&A DATE 7/95
CHECKED BY DATE

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SU9.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

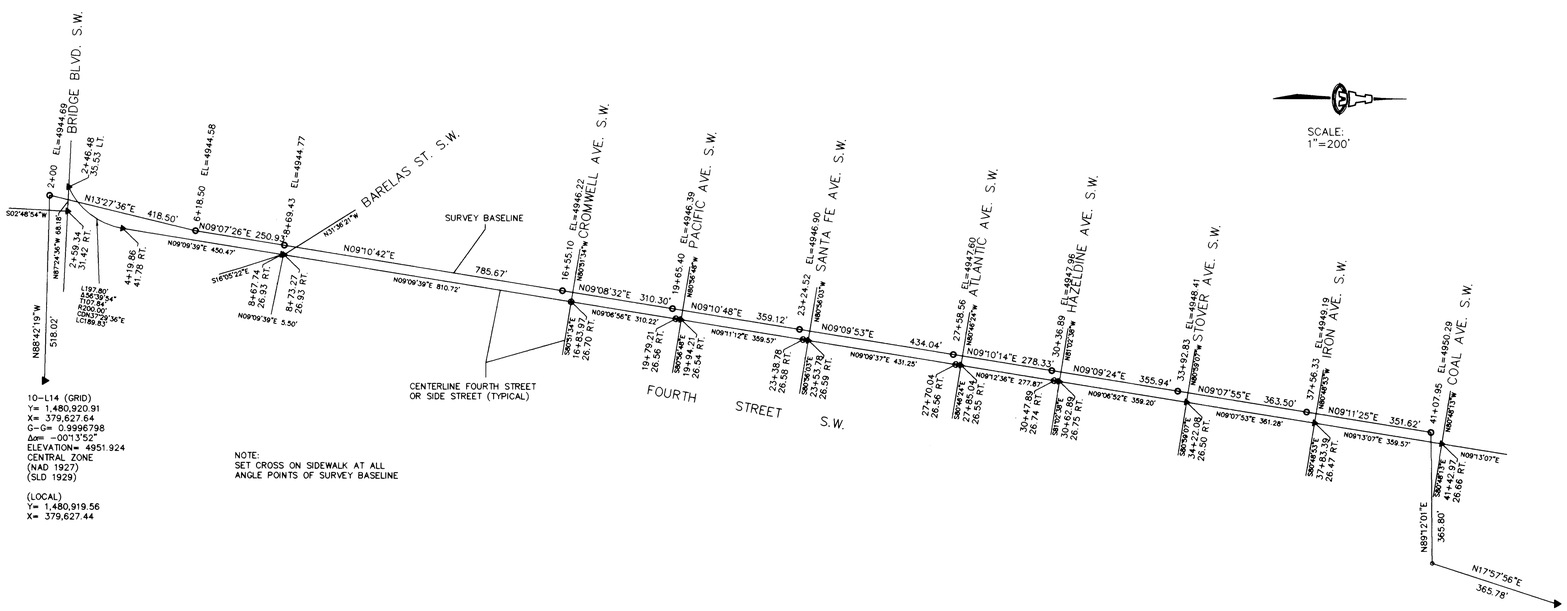
TITLE: **SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY**
STA 36+20 TO STA 41+07.95

Design Review Committee: 12/21/95
City Engineer Approval: CE 12/21/95
Last Design Update: Mo./Day/Yr. 10/6/95
Mo./Day/Yr.

City Project No. 4917.90
Zone Map No. K-14
Sheet S-7 Of 8

LEGEND

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= FL=	TOP OF CURB FLOWLINE
GR 00.0 X	GROUND
	CURB AND GUTTER
	CONCRETE/SIDEWALK
	WALL OR HEAD WALL
	BOLLARD
	SIGN
	CHAIN LINK FENCE
	WOOD FENCE
	TREE
	SANITARY SEWER MANHOLE
	CLEANOUT
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	SPRINKLER CONTROL
	ELECTRIC TRANSFORMER
	OVERHEAD ELECTRIC LINE
	POWER POLE
	ANCHOR
	STREET LIGHT
	TRAFFIC LIGHT
	SIGNAL PULLBOX
U	UTILITY BOX
T	TELEPHONE MANHOLE
	CABLE T.V. PEDESTAL
	TELEPHONE PEDESTAL
	PAY PHONE
—G—	GAS LINE
	GAS VALVE
	GAS METER
D	STORM DRAIN MANHOLE
	DROP INLET (2.0'X2.5')
	DROP INLET (2.0'X3.5')
WC	WHEELCHAIR RAMP
	POSTAL\MAILBOX
	HOME\MAILBOX
	BUSINESS SIGN\BILLBOARD
P	PARKING METER
	EXISTING BUILDING
S8"VCP	SANITARY SEWER 8" VITRIFIED CLAY PIPE
S8"RCP	SANITARY SEWER 8" REINFORCED CONCRETE PIPE
S8"CP	SANITARY SEWER 8" CONCRETE PIPE
S8"PVC	SANITARY SEWER 8" PVC PIPE
D24"RCP	STORM DRAIN 24" REINFORCED CONCRETE PIPE
D12"CP	STORM DRAIN 12" CONCRETE PIPE
D12"ST	STORM DRAIN 12" STEEL PIPE
D53"X35"RCP	STORM DRAIN 53"X35" CONCRETE ARCH PIPE
D12"	STORM DRAIN 12" PIPE (UNKNOWN TYPE)
W6"DI	WATER 6" DUCTILE IRON PIPE
W6"PVC	WATER 6" PVC PIPE
W6"CI	WATER 6" CAST IRON PIPE
W6"ST	WATER 6" STEEL PIPE
W6"GAL	WATER 6" GALVANIZED PIPE
W6"	WATER 6" PIPE (UNKNOWN TYPE)
G4"LP	GAS 4" LOW PRESSURE
G4"MP	GAS 4" MEDIUM PRESSURE
G4"HP	GAS 4" HIGH PRESSURE
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)
T	TELEPHONE LINE (UNDERGROUND)
T	TELEPHONE LINE (OVERHEAD)
C	CABLE TELEVISION LINE (UNDERGROUND)
C	CABLE TELEVISION LINE (OVERHEAD)
E	ELECTRIC LINE (UNDERGROUND)
E	ELECTRIC LINE (OVERHEAD)
CL	CENTERLINE OF RIGHT-OF-WAY
▲	CENTERLINE INTERSECTION
⊗	CENTERLINE REFERENCE MONUMENT (IN VALVE BOX)
BL	SURVEY BASELINE
○	SURVEY BASELINE MONUMENT (CROSS ON SIDEWALK)



NOTE:
SET CROSS ON SIDEWALK AT ALL ANGLE POINTS OF SURVEY BASELINE

SCALE:
1"=200'

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT2.DWGanw 10/6/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No. 4917.90 | Zone Map No. K-14/L-14 | Sheet S-8 Of 8

Timothy Aldrich
7718
10-09-95

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 1/97
INSPECTOR'S ACCEPTANCE BY DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 6/97
DRAWINGS CORRECTED BY AVI DATE 8/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN		DATE 5/95
DESIGNED BY	ALS	DATE 7/95
DRAWN BY	I&A	DATE
CHECKED BY		DATE

LEGEND

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= / FL=	TOP OF CURB / FLOWLINE
GR 00.0 X	GROUND
	CURB AND GUTTER
	CONCRETE/SIDEWALK
	WALL OR HEAD WALL
	BOLLARD
	SIGN
	CHAIN LINK FENCE
	WOOD FENCE
	TREE
	SANITARY SEWER MANHOLE
	CLEANOUT
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	SPRINKLER CONTROL
	ELECTRIC TRANSFORMER
	OVERHEAD ELECTRIC LINE
	POWER POLE
	ANCHOR
	STREET LIGHT
	TRAFFIC LIGHT
	SIGNAL PULLBOX
U	UTILITY BOX
T	TELEPHONE MANHOLE
	CABLE T.V. PEDESTAL
	TELEPHONE PEDESTAL
	PAY PHONE
—G—	GAS LINE
	GAS VALVE
	GAS METER
	STORM DRAIN MANHOLE
	DROP INLET (2.0'X2.5')
	DROP INLET (2.0'X3.5')
WC	WHEELCHAIR RAMP
	POSTAL\MAILBOX
	HOME\MAILBOX
	BUSINESS SIGN\BILLBOARD
	PARKING METER
	EXISTING BUILDING
S8"VCP	SANITARY SEWER 8" VITRIFIED CLAY PIPE
S8"RCP	SANITARY SEWER 8" REINFORCED CONCRETE PIPE
S8"CP	SANITARY SEWER 8" CONCRETE PIPE
S8"PVC	SANITARY SEWER 8" PVC PIPE
D24"RCP	STORM DRAIN 24" REINFORCED CONCRETE PIPE
D12"CP	STORM DRAIN 12" CONCRETE PIPE
D12"ST	STORM DRAIN 12" STEEL PIPE
D53"X35"RCP	STORM DRAIN 53"X35" CONCRETE ARCH PIPE
D12"	STORM DRAIN 12" PIPE (UNKNOWN TYPE)
W6"DI	WATER 6" DUCTILE IRON PIPE
W6"PVC	WATER 6" PVC PIPE
W6"CI	WATER 6" CAST IRON PIPE
W6"ST	WATER 6" STEEL PIPE
W6"GAL	WATER 6" GALVANIZED PIPE
W6"	WATER 6" PIPE (UNKNOWN TYPE)
G4"LP	GAS 4" LOW PRESSURE
G4"MP	GAS 4" MEDIUM PRESSURE
G4"HP	GAS 4" HIGH PRESSURE
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)
T	TELEPHONE LINE (UNDERGROUND)
T	TELEPHONE LINE (OVERHEAD)
C	CABLE TELEVISION LINE (UNDERGROUND)
C	CABLE TELEVISION LINE (OVERHEAD)
E	ELECTRIC LINE (UNDERGROUND)
E	ELECTRIC LINE (OVERHEAD)
CL	CENTERLINE OF RIGHT-OF-WAY
▲	CENTERLINE INTERSECTION
⊗	CENTERLINE REFERENCE MONUMENT (IN VALVE BOX)
BL	SURVEY BASELINE
○	SURVEY BASELINE MONUMENT (CROSS ON SIDEWALK)

NOTE:
SET CROSS ON SIDEWALK AT ALL ANGLE POINTS OF SURVEY BASELINE

SCALE:
1"=200'

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT2.DWGanw 7/31/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE CONTROL & DESIGN SURVEY

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr

City Project No. | Zone Map No. K-14/L-14 | Sheet S-8A Of 8

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Lefty Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 7/97
DRAWINGS CORRECTED BY A.G.I. DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW.
ELEV: 4950.564

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY ALS DATE 5/95
DRAWN BY I&A DATE 7/95
CHECKED BY DATE

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 7718
09-11-95

SCANNED BY
BY LASON

Add ALT NO 1 PER CO

CONSTRUCTION NOTES

PAVING: KEYED ◇

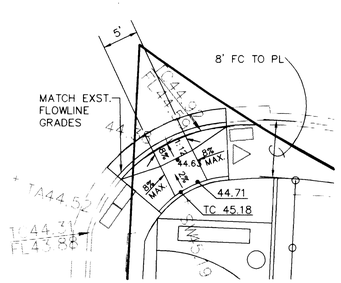
1. REMOVE AND DISPOSE EXISTING P.C.C. DRIVEPADS AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK TO MATCH REMOVED AREA.
2. REMOVE, DISPOSE AND REPLACE STD. P.C.C. CURB STONES AS INDICATED ON THESE PLANS OR AS FIELD MARKED BY THE CITY STREET MAINTENANCE DEPT.
3. 2" ACSC OVER 12" COMPACTED SUBGRADE. PLACE TO CONFORM TO PERIMETER GRADES AND EXISTING DRAINAGE PATTERNS.
4. REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. 4" THICK P.C.C. SIDEWALK @ 2% CROSS-SLOPE BETWEEN BACK OF CURB EXTENDING 6 FT TOWARD R.O.W. LINE.
5. REMOVE AND RECONSTRUCT 70 FT. DRIVEPAD AND FLARED TRANSITIONS. GUTTER SECTION TO DIRECT STORM WATERS TO LOW POINT AT EXISTING CATCH BASIN. (SEE REVISED TOP OF GRATE GRADE.)

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

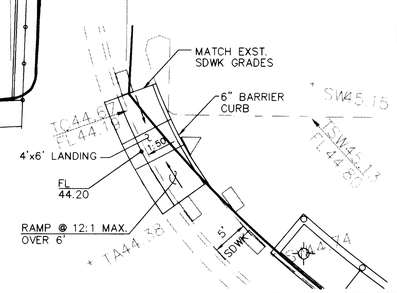
STORM DRAINAGE: KEYED ⬡

1. RECONSTRUCT TOP OF CATCH BASIN. REMOVE AND REPLACE SIDE TRANSITION STONE TO ACCEPT GUTTER FLOWS.



WHEELCHAIR RAMP • NE QUADRANT OF BRIDGE BLVD. & 4TH ST.

1"=10'



WHEELCHAIR RAMP • NW QUADRANT OF BRIDGE BLVD. & 4TH ST.

1"=10'

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= FL=	TOP OF CURB FLOWLINE
	CURB AND GUTTER (EXISTING)
	CURB AND GUTTER (PROPOSED)
	CONCRETE/SIDEWALK
	DRIVEPAD (PROPOSED/EXISTING)
	SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	POWER POLE
	TELEPHONE MANHOLE
	GAS METER
	STORM DRAIN MANHOLE
	DROP INLET
S8"	SANITARY SEWER 8"
D24"	STORM DRAIN 24"
W6"	WATER 6"
G4"	GAS 4"
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)

RECORD SET

May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT3.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE PAVING & DRAINAGE PLAN STA 0+00 TO STA 6+00**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	C-1	10

AS-BUILT INFORMATION

CONTRACTOR: RUDOLPH & LIBBY, INC. DATE: 4/97
WORK STAKED BY: C.O.A DATE: 4/97
INSPECTOR'S ACCEPTANCE BY: Leroy Romero DATE: 4/97
VERIFICATION BY: C.O.A DATE: 4/97
DRAWINGS CORRECTED BY: ALT DATE: 5/98
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924

T.B.M. BASELINE STA. 2+00 (CROSS IN SIDEWALK)
● BRIDGE BLVD. & 4TH ST. INTERSECTION (S.W. QUAD.)
ELEV.: 4944.69

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	ALS	

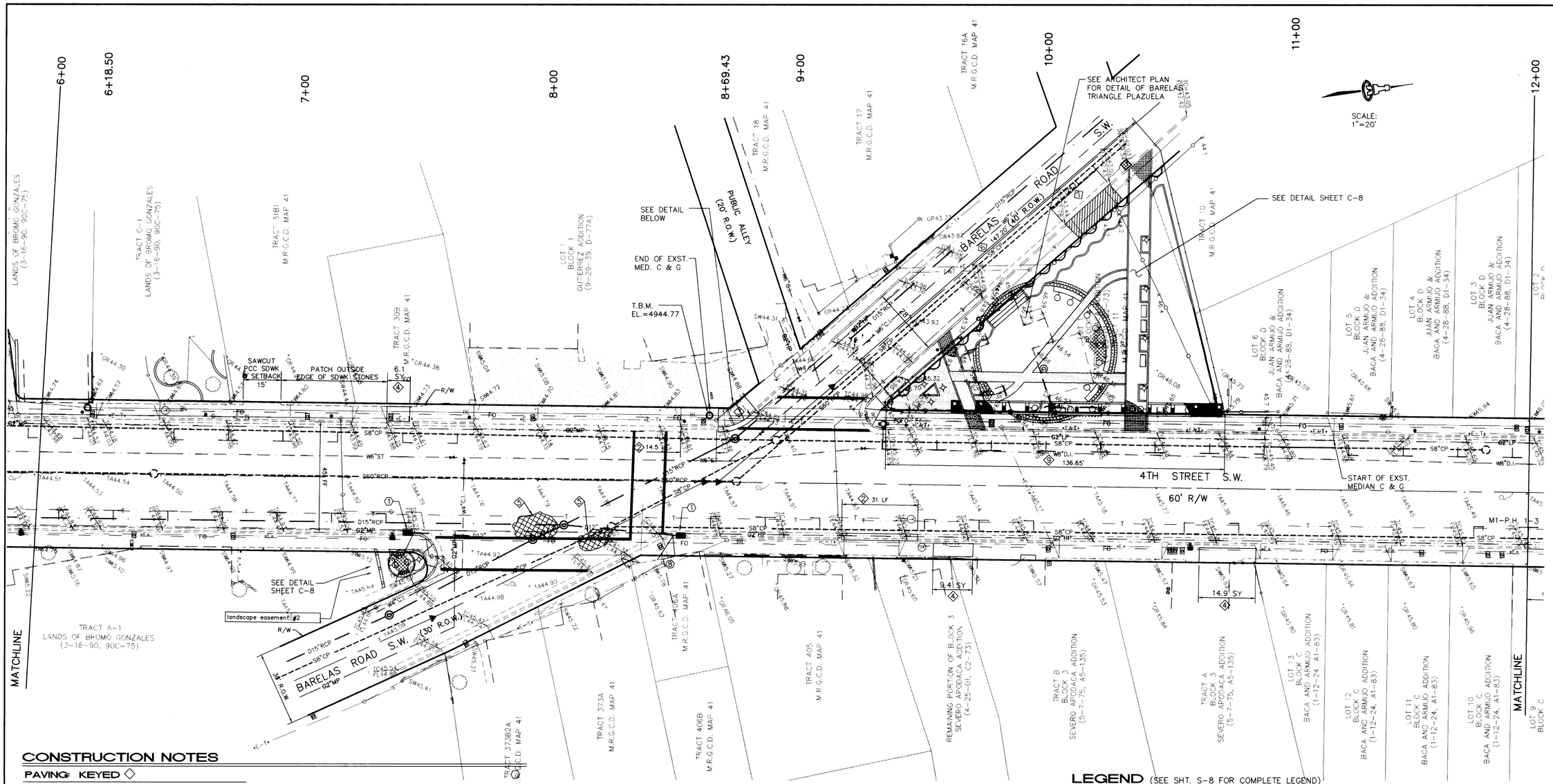
ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	6/13/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN		
DESIGNED BY	FCA	DATE 10/95
DRAWN BY	ANW	DATE 10/95
CHECKED BY	I&A	DATE 10/95

SCANNED BY
SON



CONSTRUCTION NOTES

PAVING: KEYED ◇

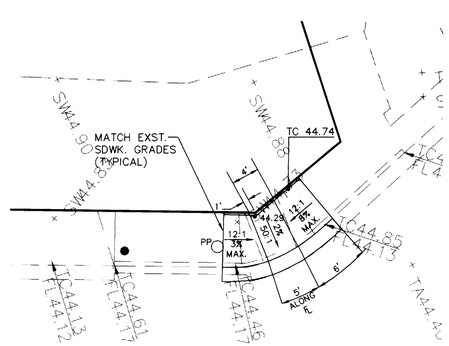
1. REMOVE AND DISPOSE EXISTING P.C.C. DRIVEPADS AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK TO MATCH REMOVED AREA.
2. REMOVE, DISPOSE AND REPLACE STD. P.C.C. CURB STONES AS INDICATED ON THESE PLANS OR AS FIELD MARKED BY THE CITY STREET MAINTENANCE DEPT.
3. REMOVE AND DISPOSE 16 LF OF STD. CURB & GUTTER @ EACH CURB RETURN WHERE A MODIFIED WHEELCHAIR RAMP IS INDICATED. REMOVE & DISPOSE OF THE EXISTING P.C.C. SIDEWALK WITHIN THAT QUADRANT. CONSTRUCT MODIFIED WHEELCHAIR RAMP PER DETAIL
4. REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. 4" THICK P.C.C. SIDEWALK @ 2% CROSS-SLOPE BETWEEN BACK OF CURB EXTENDING 6 FT TOWARD R.O.W. LINE.
5. ASPHALTIC "SKIN PATCH" TO FILL IN LOW SAGS IN PAVING.
6. CONSTRUCT NEW SIDEWALK PER ARCHITECTURAL PLAN.
7. REMOVE EXISTING DRIVEPAD & CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK PER ARCHITECTURAL PLAN.
8. REMOVE P.C.C. DRIVEPAD TRANSITIONS AND ABUTTING SIDEWALK AS NECESSARY AND REPLACE WITH 5-FOOT LONG TRANSITION FLARES TO SATISFY HANDICAP ACCESSIBILITY SLOPE.
9. REMOVE P.C.C. SIDEWALK & REPLACE PER ARCHITECTURAL PLANS.

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

STORM DRAINAGE: KEYED ⬡

1. RECONSTRUCT TOP OF CATCH BASIN. REMOVE AND REPLACE SIDE TRANSITION STONE TO ACCEPT GUTTER FLOWS.



WHEELCHAIR RAMP • SW QUADRANT OF BARELAS RD. & 4TH ST.

1"=10'

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= FL=	TOP OF CURB FLOWLINE
	CURB AND GUTTER (EXISTING)
	CURB AND GUTTER (PROPOSED)
	CONCRETE/SIDEWALK
	DRIVEPAD (PROPOSED/EXISTING)
	SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	POWER POLE
	TELEPHONE MANHOLE
	GAS METER
	STORM DRAIN MANHOLE
	DROP INLET
S8"	SANITARY SEWER 8"
D24"	STORM DRAIN 24"
W6"	WATER 6"
G4"	GAS 4"
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT4.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE PAVING & DRAINAGE PLAN STA 6+00 TO STA 12+00**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	C-2	10

AS-BUILT INFORMATION
CONTRACTOR: N/A
SURVEY STAKED BY: C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY: LEWIS DUNN DATE 4/97
FIELD VERIFICATION BY: C.O.A. DATE 5/97
DRAWINGS CORRECTED BY: AVZ DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924
T.B.M. BASELINE STA 8+69.43 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND BARELAS RD. S.W.
ELEV.: 4944.77

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

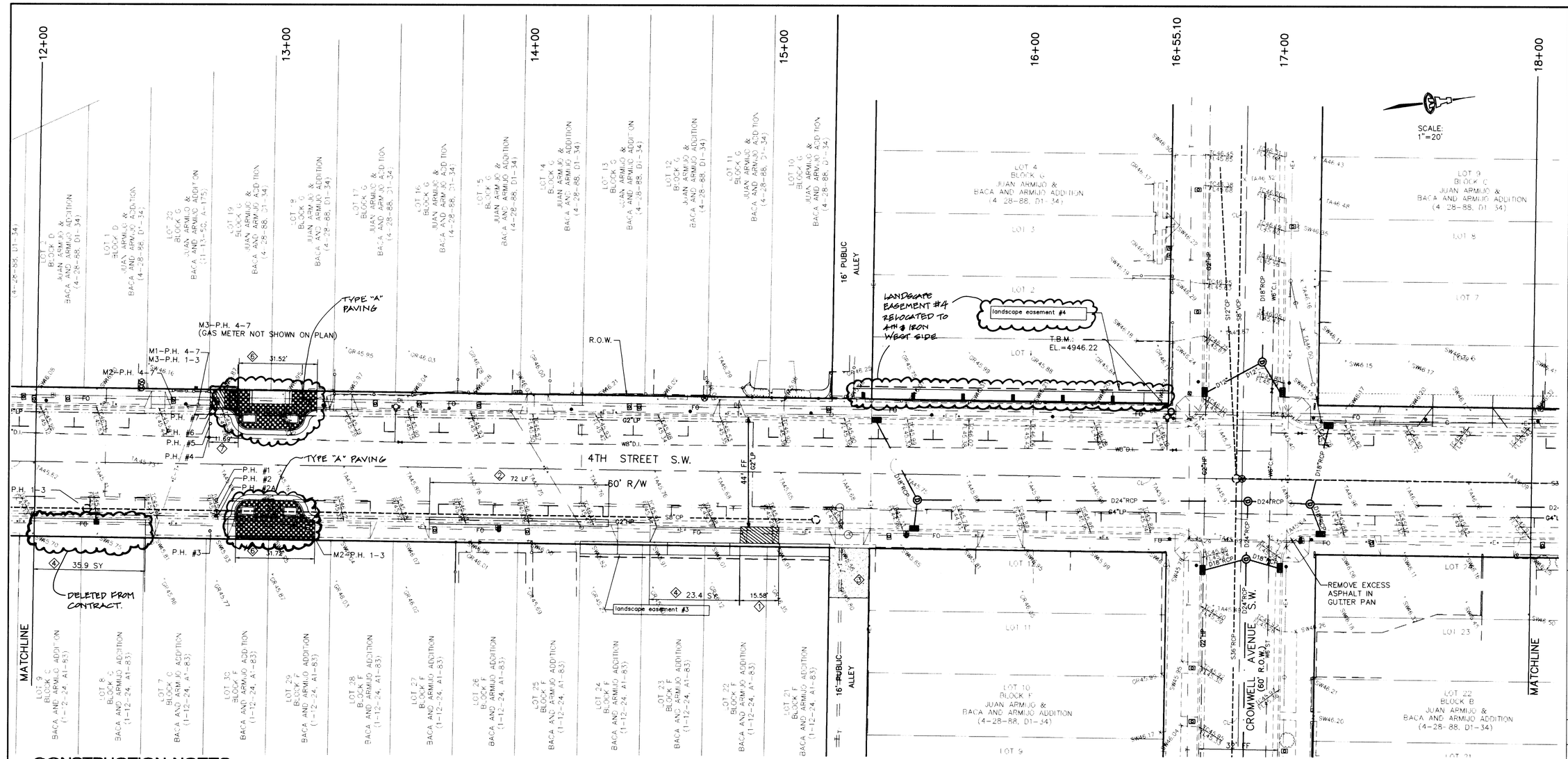
ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7392 REGISTERED PROFESSIONAL ENGINEER 12-21-95

NO.	DATE	REMARKS	BY
1	6/10/96	ISSUED FOR CONSTRUCTION	

REVISIONS

		DATE
DESIGN		
DESIGNED BY	FCA	10/95
DRAWN BY	ÅNW	10/95
CHECKED BY	I&A	10/95

SCANNED BY
BY LASON



CONSTRUCTION NOTES

PAVING: KEYED ◇

1. REMOVE AND DISPOSE EXISTING P.C.C. DRIVEPADS AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK TO MATCH REMOVED AREA.
2. REMOVE, DISPOSE AND REPLACE STD. P.C.C. CURB STONES AS INDICATED ON THESE PLANS OR AS FIELD MARKED BY THE CITY STREET MAINTENANCE DEPT.
3. 2" ACSC OVER 12" COMPACTED SUBGRADE. PLACE TO CONFORM TO PERIMETER GRADES AND EXISTING DRAINAGE PATTERNS.
4. REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. 4" THICK P.C.C. SIDEWALK @ 2% CROSS-SLOPE BETWEEN BACK OF CURB EXTENDING 6 FT TOWARD R.O.W. LINE.
5. N/A
6. REMOVE P.C.C. SIDEWALK AND REPLACE PER ARCHITECTURAL PLAN DETAILS.
7. REMOVE & DISPOSE EXISTING P.C.C. DRIVEPAD. REPLACE CURB & GUTTER MATCHING FLOWLINE GRADE. REPLACE P.C.C. SIDEWALK PER ARCHITECTURAL PLAN DETAILS.

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

POTHOLING LOG

LOCATION OF MARKER ONE (M1)	MAN HOLE SOUTH OF POTHOLES
LOCATION OF MARKER TWO (M2)	WATER METER NORTH OF POTHOLES
LOCATION OF MARKER THREE (M3)	POWER POLE #373 WEST OF POTHOLE

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
1	TELE	CON CAP	NR	60"	80"	52.0'	38.5'	38.0'	0
2	GAS	STEEL	4"	21"	NR	52.0'	37.0'	42.3'	8"
2A	SEWER	CON	10"	88"	NR	52.0'	37.5'	43.7'	8"
3	PHONE DUCT	CLA/TILE	NR	36"	54"	51.0'	39.6'	53.0'	8"

POTHOLING LOG

LOCATION OF MARKER ONE (M1)	POWER POLE #373
LOCATION OF MARKER TWO (M2)	WATER METER FOR 1303 1/2
LOCATION OF MARKER THREE (M3)	GAS METER IN 1303 1/2

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
4	WATER	STEEL	10"	38"	NR	11.6'	19.0'	19.5'	8"
5	SEWER*	AC	10"	32"	NR	9.0'	17.6'	16.5'	8"
6	GAS	STEEL	4"	34"	NR	6.0'	16.7'	12.2'	8"
7	TELE F.O.	PVC	4"	31"	NR	7.8'	18.7'	7.7'	0

NR=NOT REQUESTED
* NO RECORD OF SEWER

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= FL=	TOP OF CURB FLOWLINE
	CURB AND GUTTER (EXISTING)
	CURB AND GUTTER (PROPOSED)
	CONCRETE/SIDEWALK
	DRIVEPAD (PROPOSED/EXISTING)
	SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	POWER POLE
	TELEPHONE MANHOLE
	GAS METER
	STORM DRAIN MANHOLE
	DROP INLET
S8"	SANITARY SEWER 8"
D24"	STORM DRAIN 24"
W6"	WATER 6"
G4"	GAS 4"
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)

SCANNED BY

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT5.DWGanw 12/20/95

AS-BUILT INFORMATION
CONTRACTOR NORTHBURQUE UNDERGROUND INC.
WORK PERFORMED BY C.O.A. DATE 1/97
INSPECTOR'S ACCEPTANCE BY Larry Romero DATE 1/97
FIELD VERIFICATION BY C.O.A. DATE 1/97
DRAWINGS CORRECTED BY A.I.I. DATE 1/97

BENCH MARKS
T.B.M. BASELINE STA 16+55.10 (CROSS IN SIDEWALK)
ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924
● S.W. QUADRANT OF 4TH ST. AND CROMWELL AVE. S.W.
ELEV.: 4946.22

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
FRANK C. ARFMAN 7324 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
	6/10/96	ISSUED FOR CONSTRUCTION	

REVISIONS

		DATE
DESIGN		
DESIGNED BY	FCA	DATE 10/95
DRAWN BY	ANW	DATE 10/95
CHECKED BY	I&A	DATE 10/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
PAVING & DRAINAGE PLAN
STA 12+00 TO STA 18+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
			10/6/95	

City Project No. 4917.90 | Zone Map No. L-14 | Sheet C-3 Of 10

POTHOLING LOG

LOCATION OF MARKER ONE (M1)	STORM DRAIN SOUTH OF POTHOLES
LOCATION OF MARKER TWO (M2)	WATER VALVE COVER SOUTH OF POTHOLES
LOCATION OF MARKER THREE (M3)	POWER POLE NORTH OF POTHOLES

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
15	CATV	PVC	2"	24"	NR	38.0'	48.0'	32.6'	8"
16	WATER	STEEL	12"	45"	NR	38.0'	48.0'	32.6	8"

NR=NOT REQUIRED

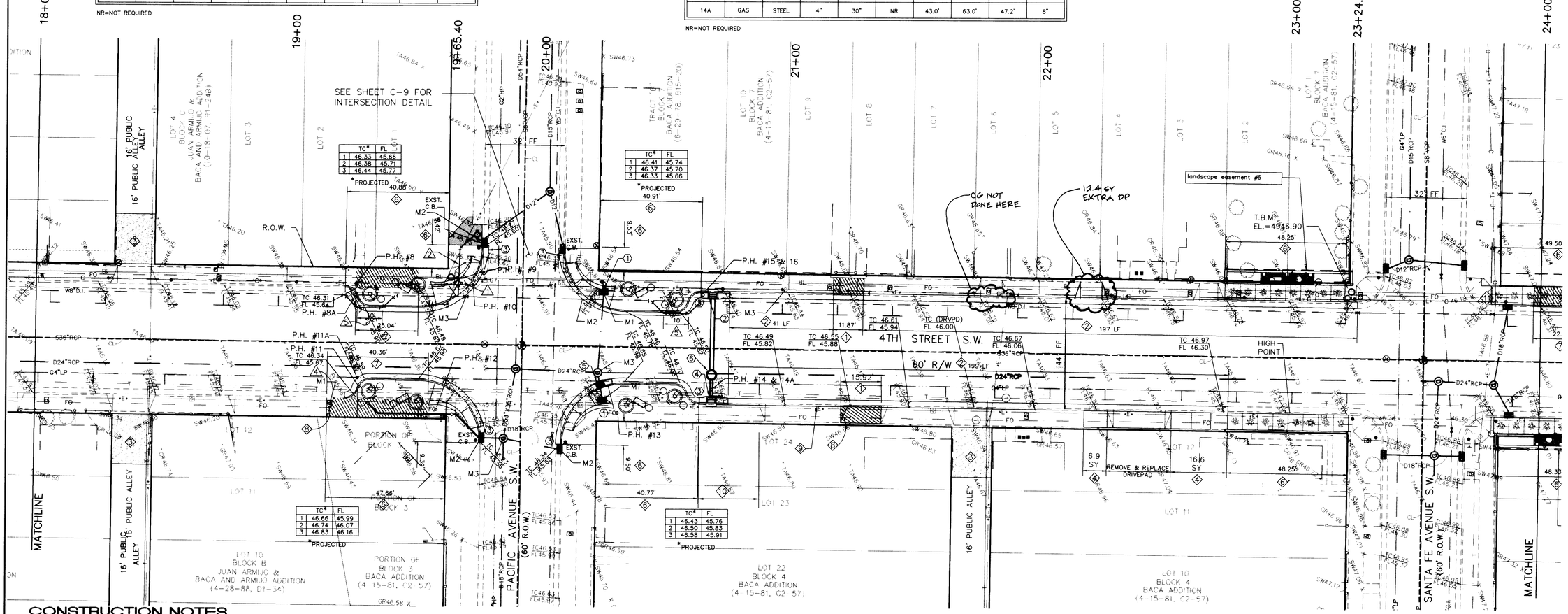
POTHOLING LOG

LOCATION OF MARKER ONE (M1)	STORM DRAIN SOUTH OF POTHOLES
LOCATION OF MARKER TWO (M2)	STORM DRAIN SOUTHEAST OF POTHOLES
LOCATION OF MARKER THREE (M3)	MANHOLE SOUTHWEST OF POTHOLES

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
13	TELE	CON CAP	NR	57"	77"	8.4'	26.7'	17.5'	0
14	TELE	CON CAP	NR	31"	60"	43.0'	63.0'	47.2'	8"
14A	GAS	STEEL	4"	30"	NR	43.0'	63.0'	47.2'	8"

NR=NOT REQUIRED

SCALE: 1"=20'



CONSTRUCTION NOTES

PAVING: KEYED ◇

1. REMOVE AND DISPOSE EXISTING P.C.C. DRIVEPADS AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK TO MATCH REMOVED AREA.
2. REMOVE, DISPOSE AND REPLACE STD. P.C.C. CURB STONES AS INDICATED ON THESE PLANS OR AS FIELD MARKED BY THE CITY STREET MAINTENANCE DEPT.
3. 2" ACSC OVER 12" COMPACTED SUBGRADE. PLACE TO CONFORM TO PERIMETER GRADES AND EXISTING DRAINAGE PATTERNS.
4. REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. 4" THICK P.C.C. SIDEWALK @ 2% CROSS-SLOPE BETWEEN BACK OF CURB EXTENDING 6 FT TOWARD R.O.W. LINE.
5. THE FOLLOWING PAVEMENT REMOVALS & DISPOSALS APPLY IN EACH QUADRANT OF THE PACIFIC AVE. INTERSECTION.
   A. 62 LF OF STD. CURB & GUTTER. NOTE – REMOVE ENTIRE CURB STONE AT EACH END OF NEW CURBING.
   B. 40 SY OF ASPHALTIC PAVING.
6. REMOVE P.C.C. SIDEWALK AND REPLACE PER ARCHITECTURAL PLAN DETAILS.
7. REMOVE & DISPOSE EXISTING P.C.C. DRIVEPAD. REPLACE CURB & GUTTER MATCHING FLOWLINE GRADE. REPLACE P.C.C. SIDEWALK PER ARCHITECTURAL PLAN DETAILS.
8. CONSTRUCT DRIVEPAD TRANSITION FLARE (MAX. 1:10 SLOPE).
9. SAWCUT ALONG BACK OF CURB LINE.
10. REMOVE AND REPLACE P.C.C. SIDEWALK AS NECESSARY TO MATCH TOP OF CURB.
11. REMOVE GUY WIRE ANCHOR.

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

STORM DRAINAGE: KEYED ○

1. ~~MODIFY EXISTING CATCH BASIN TO A JUNCTION BOX. REMOVE GRATE, AND CURB OPENING AND SUPPORT STRUCTURE AND RESHAPE TO ACCEPT A MODIFIED TYPE 'C' MANHOLE COVER (TO FIT). SEE DWG. 2107.~~ PLUG.
2. CONSTRUCT SINGLE 'C' INLET PER DWG. 2205 GRATE EL.=45.49 INV.=43.60
3. CONSTRUCT 3' GUTTER TRANSITION AT CURB RETURN SIDE PER DWG. 2207.
4. CONSTRUCT SINGLE 'C' INLET PER DWG. 2205. GRATE EL.=45.57 INV.=44.30
5. ~~CONSTRUCT SINGLE 'B' INLET PER DWG 2206. GRATE EL.=45.55 INV. (EXST. PIPE)=39.6~~ N.I.C.
6. CONSTRUCT 4' DIA. TYPE C STORM DRAIN MANHOLE OVER EXST. 24" S.D. STA 20+69.82, 37.32' RT. RIM=46.26, INV. (EXST.)=37.03, INV. (W)=42.40, INV (E)=43.90

UTILITY & MISC.: KEYED △

1. REMOVE AND RELOCATE EXISTING FIRE HYDRANT IF INSPECTED AND APPROVED FOR REUSE BY U.D.D., C.O.A.
2. 28' OF 6" WATERLINE 1-6" (22 1/2°) BEND REST. JOINTS
3. RELOCATE FH TO STD. LOCATION 9' WEST OF CURB RETURN. DWGS. 2340 & 2347. FL EL.=46.70
4. REBUILD WATER METER BOX TO REVISED GRADES.
5. REMOVE 20' OF 6" WATERLINE AND INSTALL 24' OF BYPASS 6" WATER LINE WITH 4-6" 45° BEND AND RESTRAINTS. 10' SECTION OF BYPASS LINE OFFSET 5 FEET RIGHT.

POTHOLING LOG

LOCATION OF MARKER ONE (M1)	FIRE HYDRANT
LOCATION OF MARKER TWO (M2)	STORM GRATE
LOCATION OF MARKER THREE (M3)	WATER VALVE COVER

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
8	CATV	PVC	2"	17"	NR	41.0'	56.6'	44.0'	8"
8A	WATER	STEEL	4"	48"	NR	41.9'	56.3'	44.0'	8"
9	TELE F.O.	PVC	4"	39"	NR	11.0'	12.3'	12.0'	8"
10	NO LOCATE--CLEAR TO 5 FT.					6.0'	17.0'	5.0'	8"

NR=NOT REQUIRED

POTHOLING LOG

LOCATION OF MARKER ONE (M1)	WATER METER SOUTH OF POTHOLES
LOCATION OF MARKER TWO (M2)	STORM DRAIN NORTH OF POTHOLES
LOCATION OF MARKER THREE (M3)	MANHOLE NORTH OF POTHOLES

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
11	TELE	CON CAP	N/R	34"	52"	13.4'	55.0'	61.3'	8"
11A	GAS	STEEL	4"	30"	NR	14.9'	56.3'	62.3'	8"
12	TELE	CON CAP	NR	51"	70"	42.5'	21.3'	27.3'	0

NR=NOT REQUIRED

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- SW 00.00 X — TOP SIDEWALK\TOP CONCRETE
- TA 00.00 X — TOP ASPHALT
- TC= TOP OF CURB; FL= FLOWLINE
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)
- SANITARY SEWER MANHOLE
- WATER VALVE
- FIRE HYDRANT
- WATER METER
- POWER POLE
- TELEPHONE MANHOLE
- GAS METER
- STORM DRAIN MANHOLE
- DROP INLET
- S8" — SANITARY SEWER 8"
- D24" — STORM DRAIN 24"
- W6" — WATER 6"
- G4" — GAS 4"
- FO — FIBER OPTIC TELEPHONE LINE (UNDERGROUND)
- LIGHT FIXTURE (PROPOSED)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT6.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
PAVING & DRAINAGE PLAN
STA 18+00 TO STA 24+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
B.G.B. 12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K-14	C-4	10

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEROY ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY A.U.I. DATE 8/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
T.B.M. BASELINE STA 23+24.57 (CROSS IN SIDEWALK)
⊕ S.W. QUADRANT OF 4TH ST. AND SANTA FE AVE. S.W.
ELEV.: 4946.90

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7822 REGISTERED PROFESSIONAL ENGINEER
12-20-95

NO.	DATE	REVISIONS	BY
		ISSUED FOR CONSTRUCTION	

		REMARKS	DATE
DESIGNED BY	FCA	DESIGN	10/95
DRAWN BY	ANW		10/95
CHECKED BY	I&A		10/95

SCANNED BY

POTHOLING LOG

LOCATION OF MARKER ONE (M1)	POWER POLE SOUTH OF POTHOLES
LOCATION OF MARKER TWO (M2)	WATER METER EAST OF POTHOLES
LOCATION OF MARKER THREE (M3)	FIRE HYDRANT NORTH OF POTHOLES

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
17	TELE	CON CAP	NR	27"	48"	47.7'	0.4'	76.4'	0
18	GAS	STEEL	4"	36"	NR	40.4'	8.4'	70.0'	8"
19	TELE	CON CAP	NR	46"	68"	38.8'	10.0'	69.0'	8"
20	WATER	STEEL	12"	45"	NR	8.9'	45.0'	54.0'	8"

NR=NOT REQUIRED

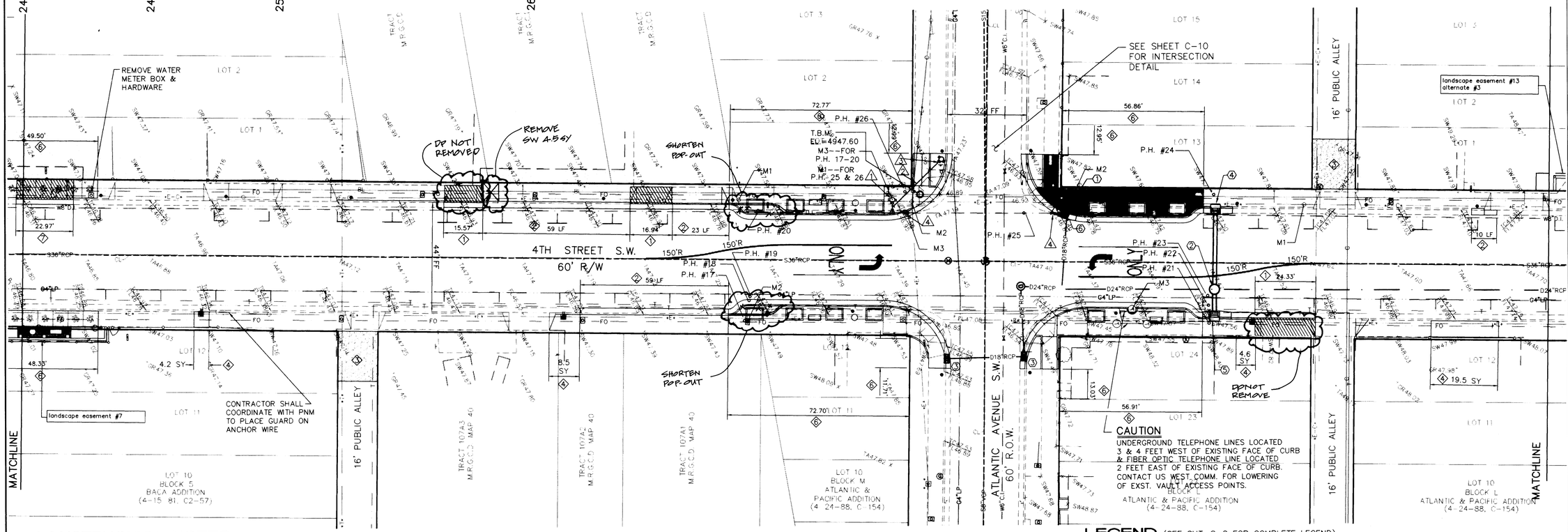
POTHOLING LOG

LOCATION OF MARKER ONE (M1)	POWER POLE #225 NORTH OF POTHOLE #24
LOCATION OF MARKER TWO (M2)	STORM GRATE SOUTH OF POTHOLE #24
LOCATION OF MARKER THREE (M3)	TELEPHONE MANHOLE COVER, CENTER OF

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
21	TELE	CON CAP	NR	53"	75"	59.6'	73.4'	31.0'	6" CONC
22	TELE	CON CAP	NR	35"	58"	35.6'	68.4'	31.0'	10" ASP
23	GAS	STEEL	4"	16"	NR	53.1'	66.0'	31.0'	10" ASP
24	TELE F.O.	PVC	2"	41"	NR	37.0'	48.0'	56.7'	10" ASP

NR=NOT REQUIRED

SCALE: 1"=20'



CONSTRUCTION NOTES

PAVING: KEYED ◇

1. REMOVE AND DISPOSE EXISTING P.C.C. DRIVEPADS AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK TO MATCH REMOVED AREA.
2. REMOVE, DISPOSE AND REPLACE STD. P.C.C. CURB STONES AS INDICATED ON THESE PLANS OR AS FIELD MARKED BY THE CITY STREET MAINTENANCE DEPT.
3. 2" ACSC OVER 12" COMPACTED SUBGRADE. PLACE TO CONFORM TO PERIMETER GRADES AND EXISTING DRAINAGE PATTERNS.
4. REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. 4" THICK P.C.C. SIDEWALK @ 2% CROSS-SLOPE BETWEEN BACK OF CURB EXTENDING 6 FT TOWARD R.O.W. LINE.
5. THE FOLLOWING PAVEMENT REMOVALS & DISPOSALS APPLY IN EACH QUADRANT OF THE ATLANTIC AVE. INTERSECTION
   A. 62 LF OF STD. CURB & GUTTER. NOTE - REMOVE ENTIRE CURB STONE AT EACH END OF NEW CURBING.
   B. 40 SY OF ASPHALTIC PAVING.
6. REMOVE P.C.C. SIDEWALK AND REPLACE PER ARCHITECTURAL PLAN DETAILS.
7. REMOVE & DISPOSE EXISTING P.C.C. DRIVEPAD. REPLACE CURB & GUTTER MATCHING FLOWLINE GRADE. REPLACE P.C.C. SIDEWALK PER ARCHITECTURAL PLAN DETAILS.

STORM DRAINAGE: KEYED ⬡

1. MODIFY EXISTING CATCH BASIN TO A JUNCTION BOX. REMOVE GRATE AND CURB OPENING SUPPORT STRUCTURE AND RESHAPE TO ACCEPT A MODIFIED TYPE 'C' MANHOLE COVER (TO FIT). SEE GENERAL RECOURSEMENTS, DWG. 2107.
2. 4' DIA. TYPE 'E' MANHOLE OVER EXST. 24" RCP STORM DRAIN.
   RIM EL.=47.22 INV. (EXST.)=41.14
   INV. (E)=43.10 INV. (W)=43.10
3. CONSTRUCT 3' GUTTER TRANSITION AT CURB RETURN SIDE PER DWG. 2207.
4. CONSTRUCT SINGLE 'C' INLET PER DWG. 2205.
   GRATE EL.=46.68 INV.=44.30
5. CONSTRUCT SINGLE 'C' INLET PER DWG 2205.
   GRATE EL.=46.46 INV.=44.75
6. CONSTRUCT SINGLE 'D' INLET PER DWG. 2206.
   GRATE EL.=46.60 INV.=44.17

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

UTILITY & MISC.: KEYED △

1. REMOVE AND RELOCATE EXISTING FIRE HYDRANT IF INSPECTED AND APPROVED FOR REUSE BY U.D.D., C.O.A.
2. 24' OF 6" WATERLINE
   1-6" (45°) BENDS
   REST. JOINTS
3. RELOCATE FH TO STD. LOCATION AT CURB RETURN, DWGS. 2340 & 2347.
   FL EL.=48.10
4. ADJUST VALVE BOX COVER TO GRADE WITHIN THE WHEELCHAIR RAMPS OR TRANSITIONAL FLAIRS.

POTHOLING LOG

LOCATION OF MARKER ONE (M1)	FIRE HYDRANT IN SOUTHWEST CORNER
LOCATION OF MARKER TWO (M2)	POWER POLE 250 IN SOUTHWEST CORNER
LOCATION OF MARKER THREE (M3)	WATER VALVE COVER IN SOUTHWEST CORNER

POTHOLE #	UTILITY	TYPE	DIAMETER	DEPTH TO TOP	DEPTH TO BOTTOM	DISTANCE TO M1	DISTANCE TO M2	DISTANCE TO M3	PAVEMENT
25	TELE F.O.	CON CAP	NR	19"	45"	53.1'	45.0'	47.0'	8"
26	TELE F.O.	PVC	4"	40"	NR	6.0'	4.6'	8.5'	0

NR=NOT REQUIRED

SCANNED BY BY LASON

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= FL=	TOP OF CURB FLOWLINE
	CURB AND GUTTER (EXISTING)
	CURB AND GUTTER (PROPOSED)
	CONCRETE/SIDEWALK
	DRIVEPAD (PROPOSED/EXISTING)
	SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	POWER POLE
	TELEPHONE MANHOLE
	GAS METER
	STORM DRAIN MANHOLE
	DROP INLET
S8"	SANITARY SEWER 8"
D24"	STORM DRAIN 24"
W6"	WATER 6"
G4"	GAS 4"
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT7.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
PAVING & DRAINAGE PLAN
STA 24+00 TO STA 30+10

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No. 4917.90 | Zone Map No. K-14 | Sheet C-5 Of 10

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTORS ACCEPTANCE BY Manuel Romero DATE 4/97
FIELD VERIFICATION BY C.O.A DATE 8/97
DRAWINGS CORRECTED BY AVI DATE 8/98

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564
T.B.M. BASELINE STA 27+58.56 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND ATLANTIC AVE. S.W.
ELEV.: 4947.60

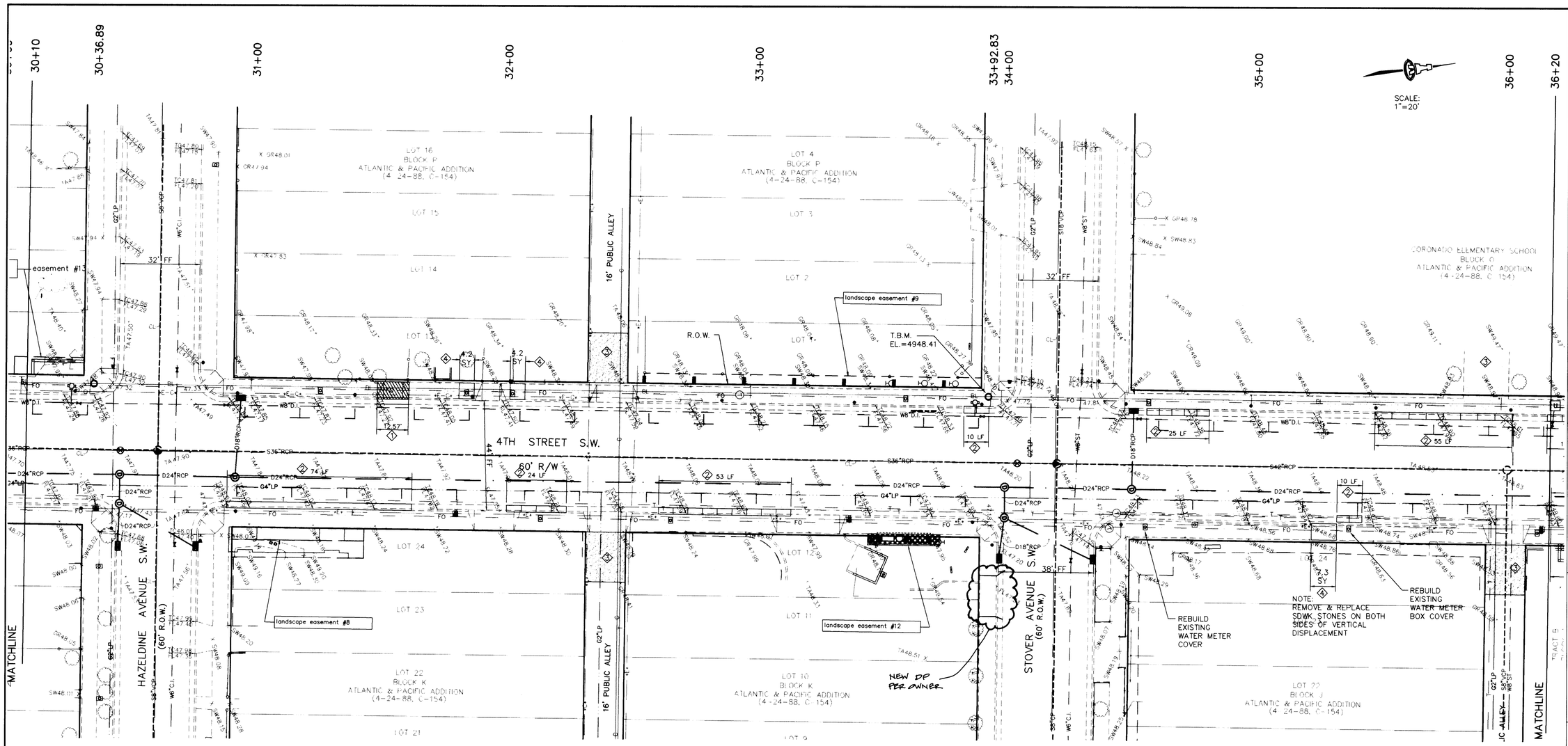
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER 12-22-95

NO.	DATE	ISSUED FOR CONSTRUCTION	BY
	6/8/96	REMARKS	
		REVISIONS	
		DESIGN	

DESIGNED BY FCA DATE 10/95
DRAWN BY ANW DATE 10/95
CHECKED BY I&A DATE 10/95



CONSTRUCTION NOTES

PAVING: KEYED ◇

1. REMOVE AND DISPOSE EXISTING P.C.C. DRIVEPADS AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK TO MATCH REMOVED AREA.
2. REMOVE, DISPOSE AND REPLACE STD. P.C.C. CURB STONES AS INDICATED ON THESE PLANS OR AS FIELD MARKED BY THE CITY STREET MAINTENANCE DEPT.
3. 2" ACSC OVER 12" COMPACTED SUBGRADE. PLACE TO CONFORM TO PERIMETER GRADES AND EXISTING DRAINAGE PATTERNS.
4. REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. 4" THICK P.C.C. SIDEWALK @ 2% CROSS-SLOPE BETWEEN BACK OF CURB EXTENDING 6 FT TOWARD R.O.W. LINE.

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= FL=	TOP OF CURB FLOWLINE
	CURB AND GUTTER (EXISTING)
	CURB AND GUTTER (PROPOSED)
	CONCRETE/SIDEWALK
	DRIVEPAD (PROPOSED/EXISTING)
	SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	POWER POLE
	TELEPHONE MANHOLE
	GAS METER
	STORM DRAIN MANHOLE
	DROP INLET
S8"	SANITARY SEWER 8"
D24"	STORM DRAIN 24"
W6"	WATER 6"
G4"	GAS 4"
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)

SCANNED BY

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT8.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE PAVING & DRAINAGE PLAN**
STA 30+10 TO STA 36+20

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/22/95		10/6/95	

City Project No. 4917.90 | Zone Map No. K-14 | Sheet C-6 Of 10

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.C.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEARY ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY AUI DATE 8/97

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV. 4950.564
T.B.M. BASELINE STA 33+92.83 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND STOVER AVE. S.W.
ELEV.: 4948.41

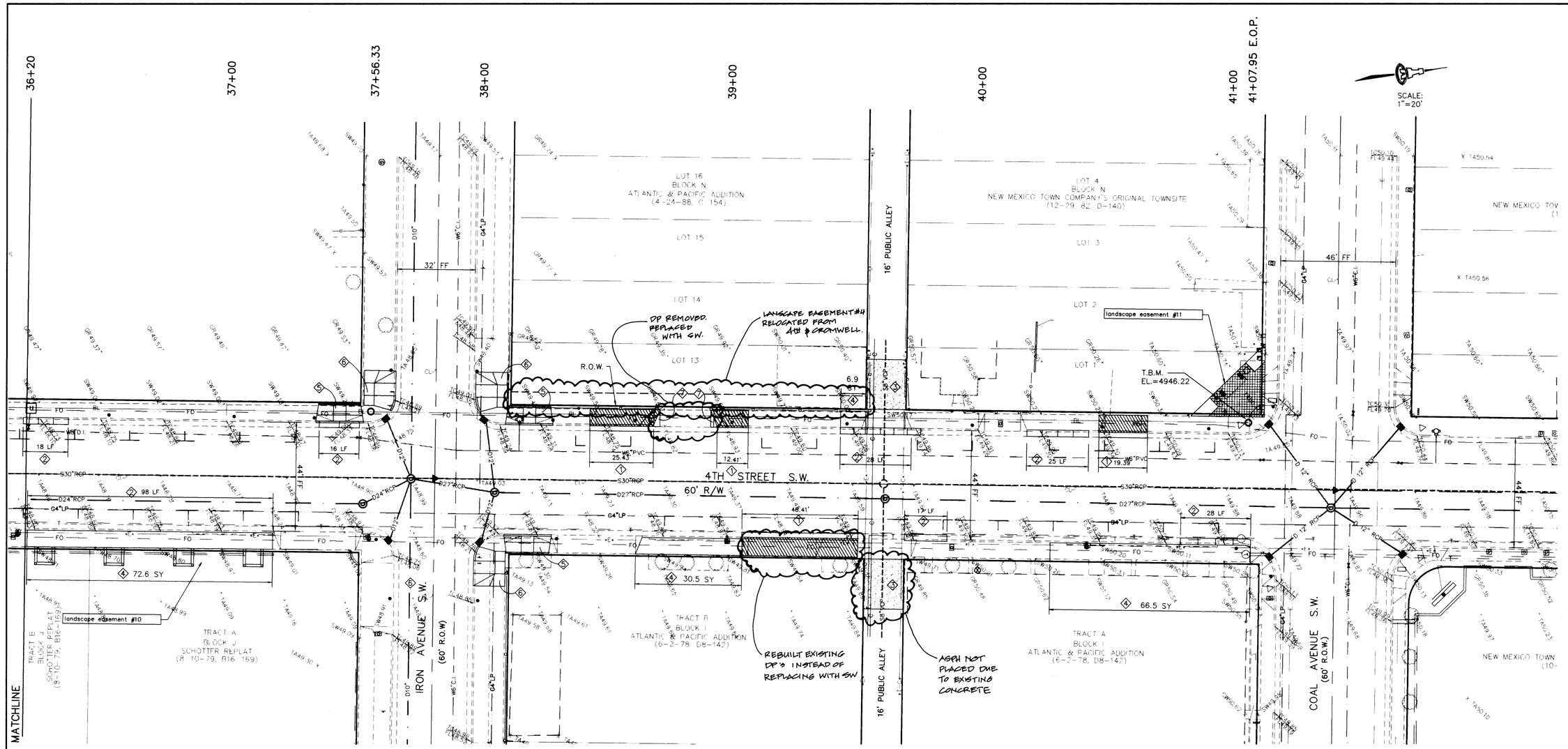
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

NO.	DATE	REVISIONS
1	12/19/96	CHANGE ORDER NO 1
	6/10/96	ISSUED FOR CONSTRUCTION

	BY	DATE
DESIGNED BY	FCA	10/95
DRAWN BY	ANW	10/95
CHECKED BY	I&A	10/95



CONSTRUCTION NOTES

PAVING: KEYED ◇

1. REMOVE AND DISPOSE EXISTING P.C.C. DRIVEPADS AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. CURB & GUTTER AS A STRAIGHT GRADE FLOWLINE BETWEEN EDGES. CONSTRUCT P.C.C. SIDEWALK AND/OR HANDICAP ACCESS RAMP TO MATCH REMOVED AREA.
2. REMOVE, DISPOSE AND REPLACE STD. P.C.C. CURB STONES AS INDICATED ON THESE PLANS OR AS FIELD MARKED BY THE CITY STREET MAINTENANCE DEPT.
3. 2" ACSC OVER 12" COMPACTED SUBGRADE. PLACE TO CONFORM TO PERIMETER GRADES AND EXISTING DRAINAGE PATTERNS.
4. REMOVE AND DISPOSE EXISTING P.C.C. SIDEWALK AS INDICATED AT EACH DIMENSIONED LOCATION. CONSTRUCT STD. 4" THICK P.C.C. SIDEWALK @ 2% CROSS-SLOPE BETWEEN BACK OF CURB EXTENDING 6 FT TOWARD R.O.W. LINE.
5. CONSTRUCT HANDICAP ACCESS RAMP TYPE A PER DETAIL, SEE SHEET C-8.
6. CONSTRUCT HANDICAP ACCESS RAMP TYPE A PER DETAIL, SEE SHEET C-8.
7. CONSTRUCT DRIVEPAD TRANSITION FLARE (MAX 1:10 SLOPE).

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

SW 00.00 X	TOP SIDEWALK\TOP CONCRETE
TA 00.00 X	TOP ASPHALT
TC= FL=	TOP OF CURB FLOWLINE
	CURB AND GUTTER (EXISTING)
	CURB AND GUTTER (PROPOSED)
	CONCRETE/SIDEWALK
	DRIVEPAD (PROPOSED/EXISTING)
	SANITARY SEWER MANHOLE
	WATER VALVE
	FIRE HYDRANT
	WATER METER
	POWER POLE
	TELEPHONE MANHOLE
	GAS METER
	STORM DRAIN MANHOLE
	DROP INLET
S8"	SANITARY SEWER 8"
D24"	STORM DRAIN 24"
W6"	WATER 6"
G4"	GAS 4"
FO	FIBER OPTIC TELEPHONE LINE (UNDERGROUND)

SCANNED BY LASON

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829SHT9.DWGonw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
PAVING & DRAINAGE PLAN
STA 36+20 TO STA 41+07.95

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K-14	C-7	10

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK INSPECTED BY C.D.A. DATE 4/97
RECORD DRAWINGS ACCEPTANCE BY Leon Romero DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 3/97
DRAWINGS CORRECTED BY A.D.T. DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564
T.B.M. BASELINE STA 41+07.95 (E.O.P. CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND COAL AVE. S.W.
ELEV.: 4950.29

SURVEY INFORMATION
FIELD NOTES

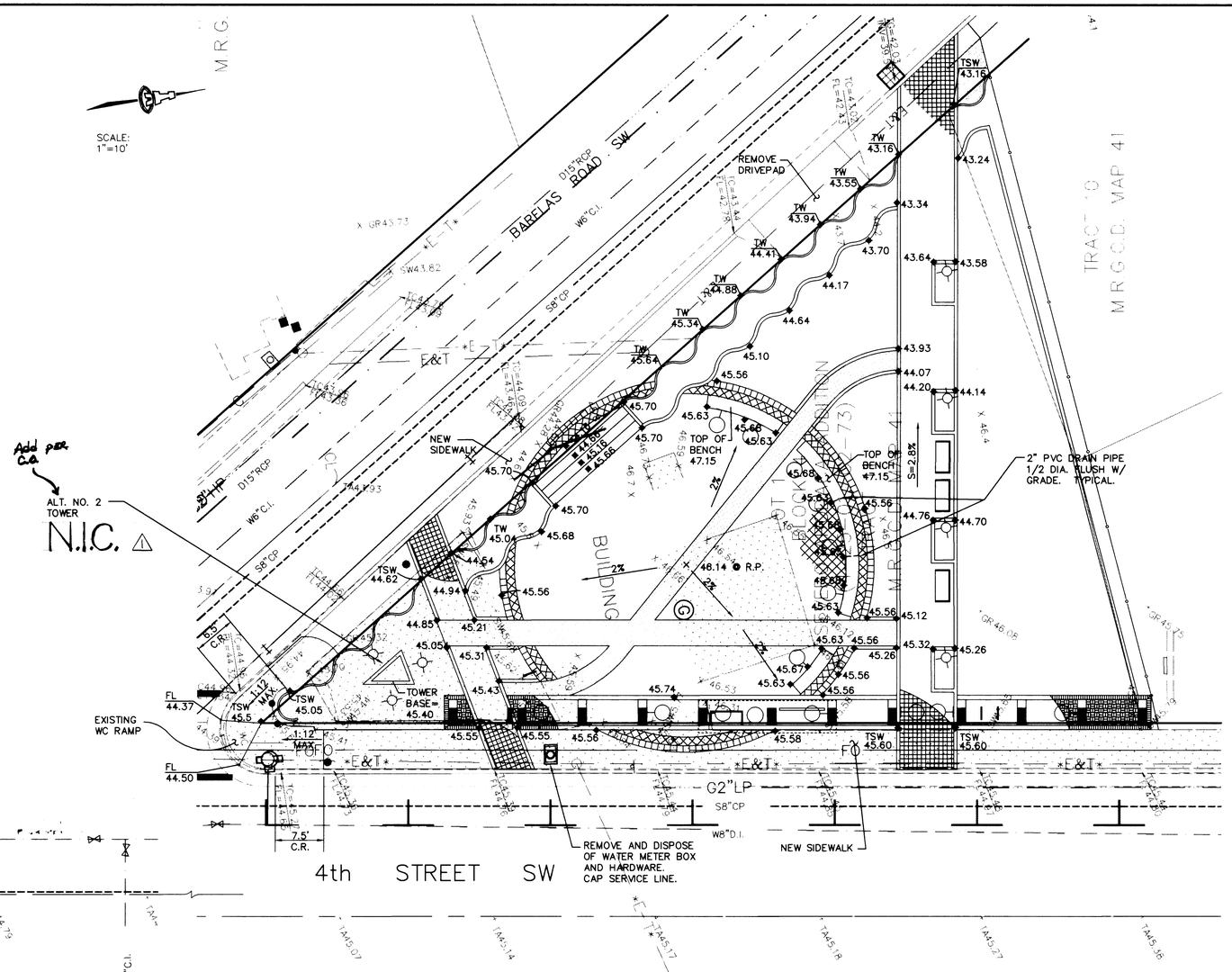
NO.	BY	DATE
	ALS	

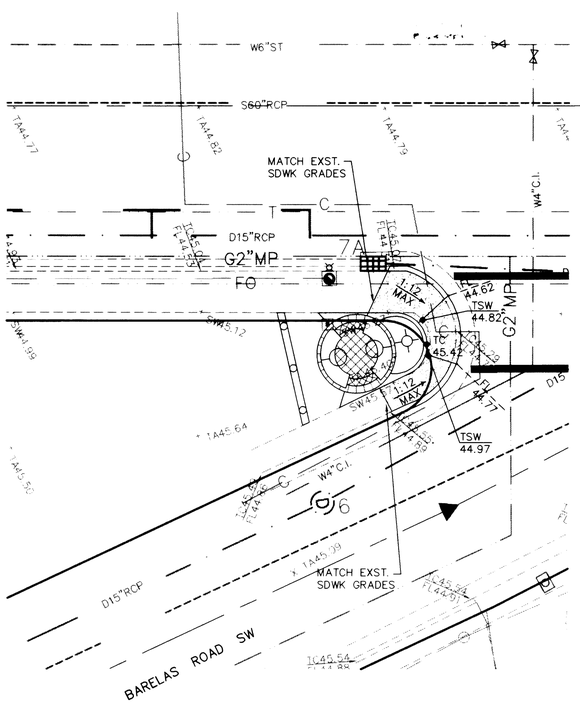
ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER
12-22-95

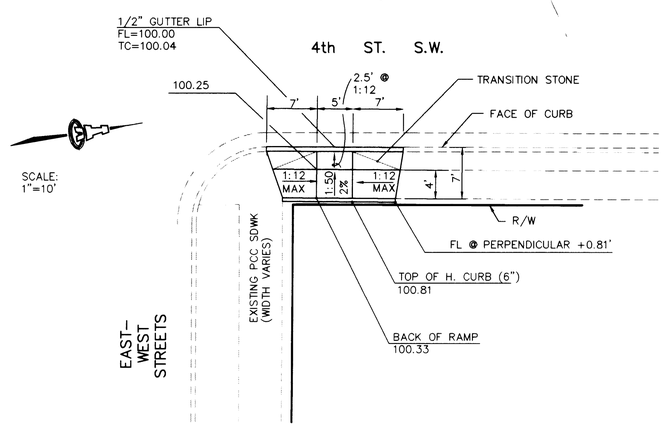
NO.	DATE	REMARKS
	6/18/96	ISSUED FOR CONSTRUCTION

REVISIONS

DESIGN		BY
DESIGNED BY	FCA	DATE 10/95
DRAWN BY	ANW	DATE 10/95
CHECKED BY	I&A	DATE 10/95

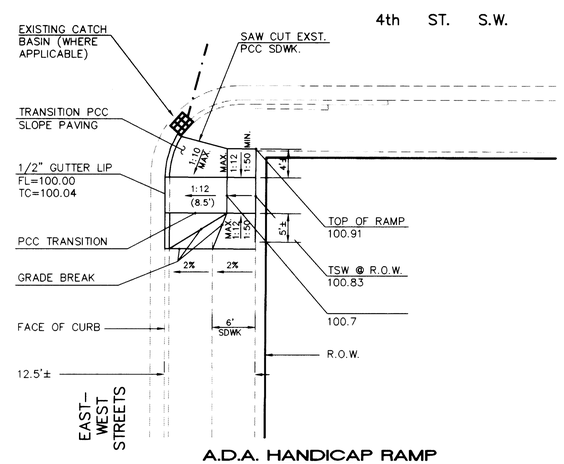






A.D.A. HANDICAP RAMP TYPE "A"

1"=10'-0"



A.D.A. HANDICAP RAMP TYPE "B"

1"=10'-0"

SCANNED BY

RECORD SET

May 1, 1997

A.D.A. NOTE:

ALL RECONSTRUCTED DRIVEPADS AND HANDICAP RAMPS SHALL BE IN ACCORDANCE WITH THE A.D.A. SLOPE STANDARDS.

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829RAMP.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE PAVING & DRAINAGE PLAN
BARELAS INTERSECTION & RAMP DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	C-8	10

ENGINEER'S SEAL: FRED C. ARFMAN, STATE OF NEW MEXICO, 7322, REGISTERED PROFESSIONAL ENGINEER, 12-22-95

AS-BUILT INFORMATION

CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Harry Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY AUI DATE 8/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

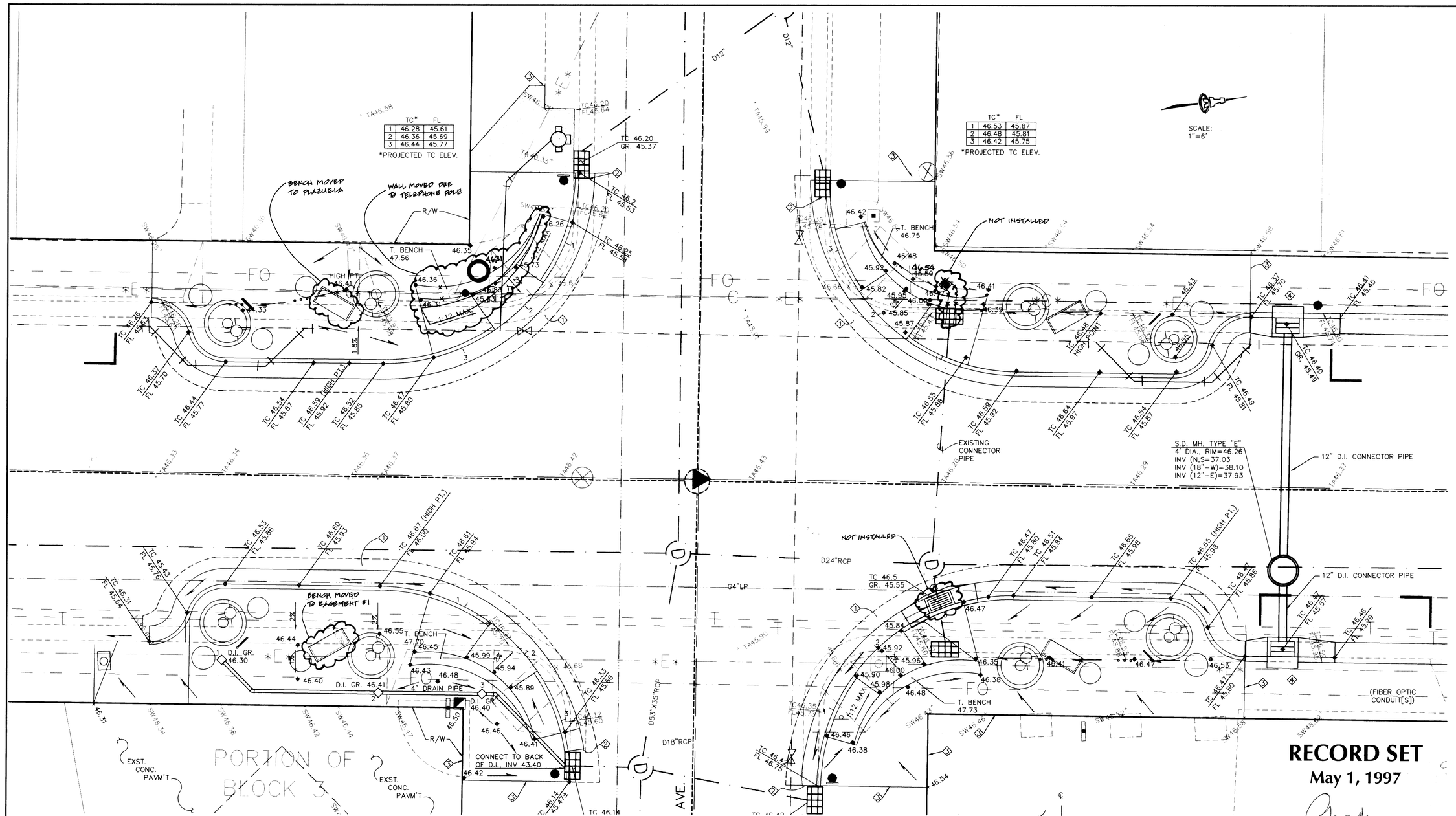
SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

NO.	DATE	REVISIONS	BY
1	01/96	ISSUED FOR CONSTRUCTION	

DESIGN		
DESIGNED BY	F.C.A.	DATE 10/95
DRAWN BY	ANW	DATE 10/95
CHECKED BY	I&A	DATE 10/95



	TC*	FL
1	46.28	45.61
2	46.36	45.69
3	46.44	45.77

*PROJECTED TC ELEV.

	TC*	FL
1	46.53	45.87
2	46.48	45.81
3	46.42	45.75

*PROJECTED TC ELEV.

	TC*	FL
1	46.57	45.90
2	46.47	45.80
3	46.37	45.70

*PROJECTED TC ELEV.

	TC*	FL
1	46.49	45.82
2	46.55	45.88
3	46.45	45.78

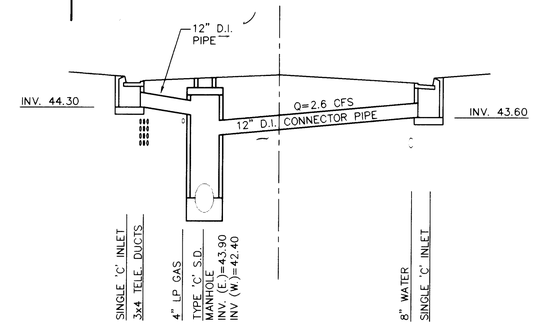
*PROJECTED TC ELEV.

INTERSECTION PAVING NOTES ◇

1. REMOVE & REPLACE 2'-0" MIN. STRIP OF ASPHALTIC PAVEMENT. SLOPE TO MATCH NEW TOE OF GUTTER.
2. TRANSITION FROM NEW STD. C & G TO EXISTING DROP INLET. SLOPE GUTTER DOWN TO GRATE GRADE.
3. MATCH EXISTING SIDEWALK GRADE WHERE ABUTTING TO EXISTING PCC SIDEWALKS.
4. REMOVE & REPLACE PCC SIDEWALK AS NECESSARY TO CONSTRUCT DROP INLETS.

INTERSECTION STORM DRAINAGE CONSTRUCTION NOTES ⬡

1. BUILD TYPE 'D' (SINGLE) CATCH BASIN
   GRATE=45.55
   INV. (EXST. PIPE)=39.6



STORM DRAIN CONNECTOR PIPE PROFILE
4TH ST. • PACIFIC (NORTH)

1"=10' H.
1"=5' V.

SCANNED BY BY LASON

RECORD SET
May 1, 1997

AS-BUILT INFORMATION
CONTRACTOR: ALBUQUERQUE UNDERGROUND, INC.
WORK COMPLETED BY: C.O.A. DATE 4/97
INSPECTORS ACCEPTANCE BY: LEANDY ROMERO DATE 4/97
FIELD VERIFICATION BY: C.O.A. DATE 9/97
DRAWINGS CORRECTED BY: A.U.I. DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
FRED C. ARFMAN, STATE OF NEW MEXICO, 7322, REGISTERED PROFESSIONAL ENGINEER
12-20-95

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN		
DESIGNED BY	F.C.A.	DATE 8/95
DRAWN BY	ANW	DATE 8/95
CHECKED BY	I&A	DATE 8/95

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
829PACIN.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
INTERSECTION PAVING & DRAINAGE PLAN
PACIFIC AVENUE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No. 4917.90 | Zone Map No. K-14 | Sheet C-9 Of 10

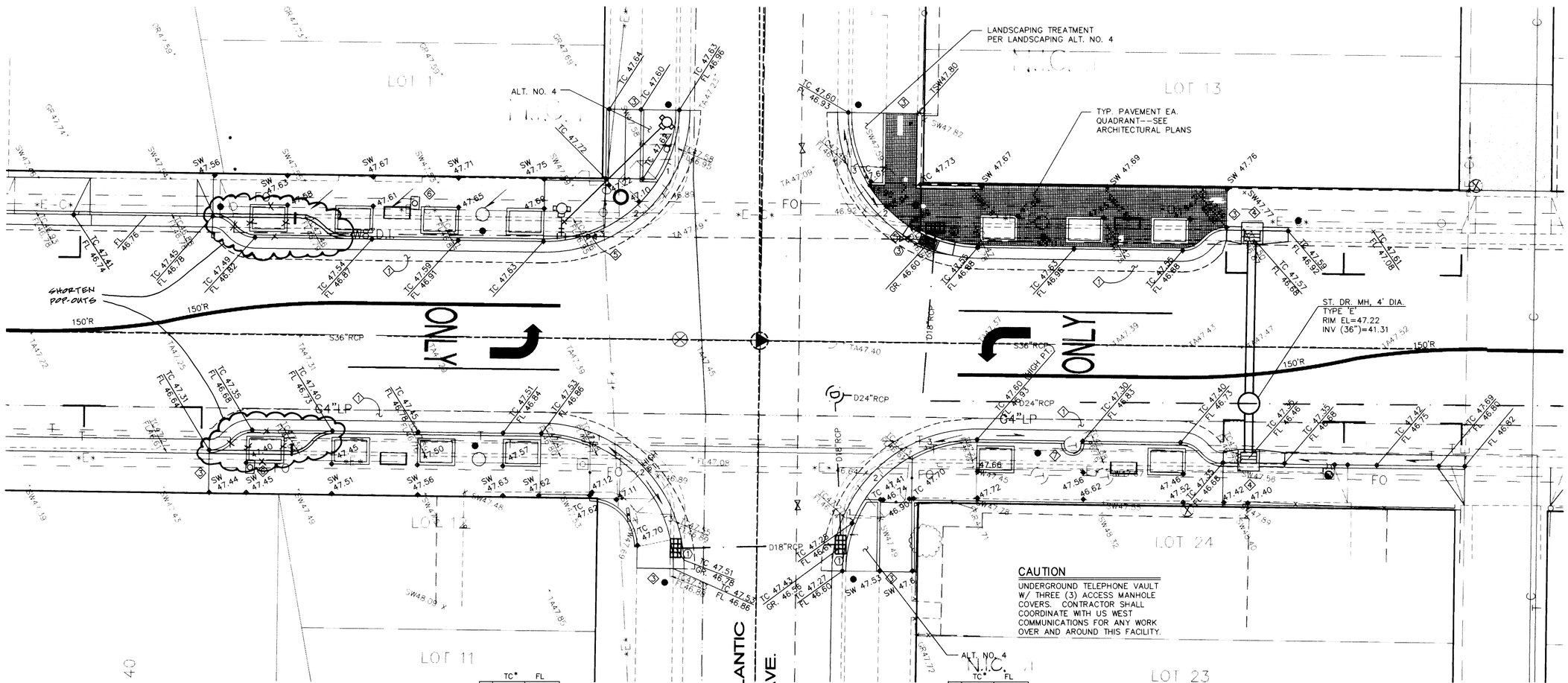
	TC*	FL
1	47.68	47.01
2	47.73	47.06
3	47.67	47.00

*PROJECTED TC ELEV.

	TC*	FL
1	47.49	46.82
2	47.57	46.90
3	47.65	46.98

*PROJECTED TC ELEV.

SCALE: 1"=10'



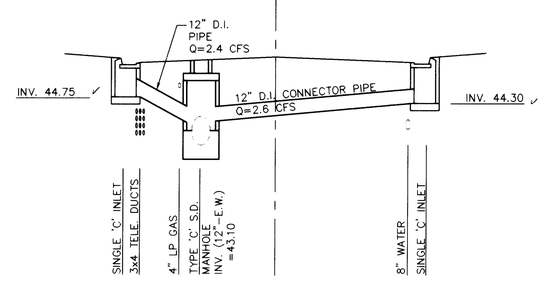
	TC*	FL
1	47.61	46.94
2	47.66	46.99
3	47.54	46.87

*PROJECTED TC ELEV.

ALT. NO. 4 N.I.C.

	TC*	FL
1	47.28	46.61
2	47.39	46.72
3	47.49	46.84

*PROJECTED TC ELEV.



STORM DRAIN CONNECTOR PIPE PROFILE
4TH ST. • ATLANTIC (NORTH)

1"=10' H.
1"=5' V.

INTERSECTION PAVING NOTES ◇

1. REMOVE & REPLACE 2'-0" MIN. STRIP OF ASPHALTIC PAVEMENT. SLOPE TO MATCH NEW TOE OF GUTTER.
2. TRANSITION FROM NEW STD. C & G TO EXISTING DROP INLET. SLOPE GUTTER DOWN TO GRATE GRADE.
3. MATCH EXISTING SIDEWALK GRADE WHERE ABUTTING TO EXISTING PCC SIDEWALKS.
4. REMOVE & REPLACE PCC SIDEWALK AS NECESSARY TO CONSTRUCT DROP INLETS.
5. ADJUST VALVE BOX COVER TO GRADE.
6. RECONSTRUCT METER BOX TO GRADE.
7. US WEST COMMUNICATIONS MANHOLE RIM TO REMAIN AT EXISTING GRADE. CONSTRUCT CURB AROUND ACCESS COVER.

INTERSECTION STORM DRAINAGE CONSTRUCTION NOTES ⬡

1. RECONSTRUCT TOP OF EXISTING DROP INLETS TO ALIGN WITH 25' FACE OF CURB RADIUS AND TO REVISED GRADES.
2. REMOVE AND DISPOSE EXISTING DROP INLET AND APPROXIMATELY 3 FT. OF 18" RCP CONNECTOR PIPE.
3. CONSTRUCT SINGLE, TYPE 'D' DROP INLET PER STD. DWG. 2206.
   GR. EL.: 46.60
   INV. 18" RCP: 44.17

SCANNED BY
BY LASON

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829ATLIN.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE**
INTERSECTION PAVING & DRAINAGE PLAN
ATLANTIC AVENUE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet
4917.90	K-14	C-10 Of 10

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEANDY RENERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.U. DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564

SURVEY INFORMATION
FIELD NOTES

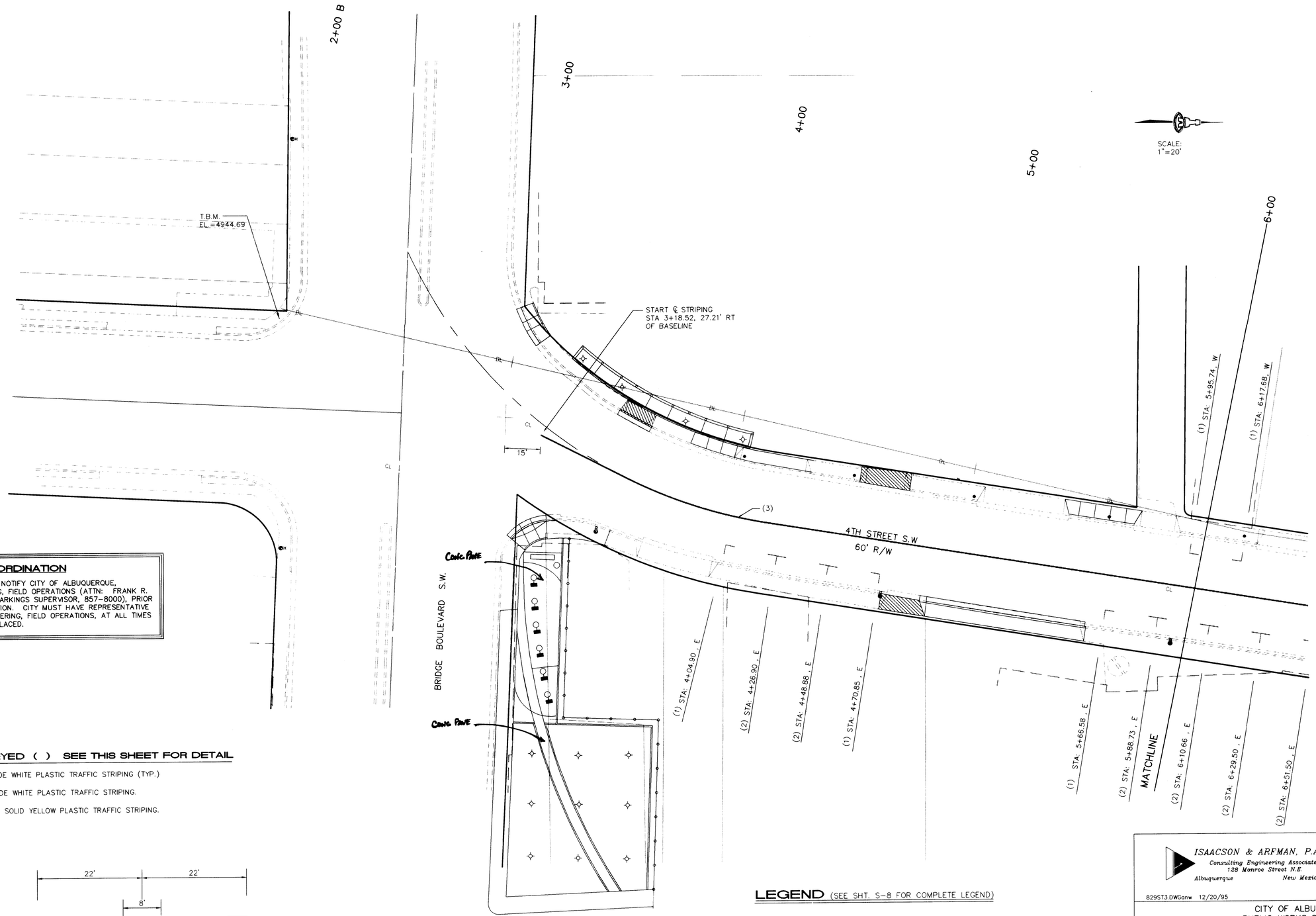
NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
FRED C. ARFMAN
STATE OF NEW MEXICO
7322
REGISTERED PROFESSIONAL ENGINEER
12-20-95

NO.	DATE	REMARKS	BY
4	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN		
DESIGNED BY	FCA	DATE 8/95
DRAWN BY	ANW	DATE 8/95
CHECKED BY	I&A	DATE 8/95

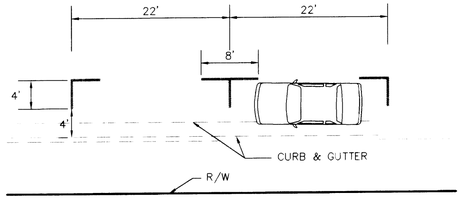


STRIPING COORDINATION

CONTRACTOR SHALL NOTIFY CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING, FIELD OPERATIONS (ATTN: FRANK R. JARAMILLO, SIGNS/MARKINGS SUPERVISOR, 857-8000), PRIOR TO STRIPING OPERATION. CITY MUST HAVE REPRESENTATIVE FROM TRAFFIC ENINEERING, FIELD OPERATIONS, AT ALL TIMES WHILE STRIPING IS PLACED.

STRIPING: KEYED ( ) SEE THIS SHEET FOR DETAIL

1. 4'x4' (L) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING (TYP.)
2. 4'x8' (T) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING.
3. DOUBLE 4" WIDE SOLID YELLOW PLASTIC TRAFFIC STRIPING.



END OF PARKING STRIPING - 'L' & INTERMEDIATE PARKING STRIPING - 'T'

1"=10'

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- END OF PARKING STRIPING
- INTERMEDIATE PARKING STRIPING
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)

RECORD SET
May 1, 1997

SCANNED BY
BY LASON

AS-BUILT INFORMATION

CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Leslie Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY A.D.I. DATE 9/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924

T.B.M. BASELINE STA. 2+00 (CROSS IN SIDEWALK)
@ BRIDGE BLVD. & 4TH ST. INTERSECTION (S.W. QUAD.)
ELEV.: 4944.69

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

FRED C. ARFMAN, P.E. STATE OF NEW MEXICO 7324 REGISTERED PROFESSIONAL ENGINEER 5.02.21

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGNED BY FCA DATE 9/95
DRAWN BY ANW DATE 9/95
CHECKED BY I&A DATE 9/95

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

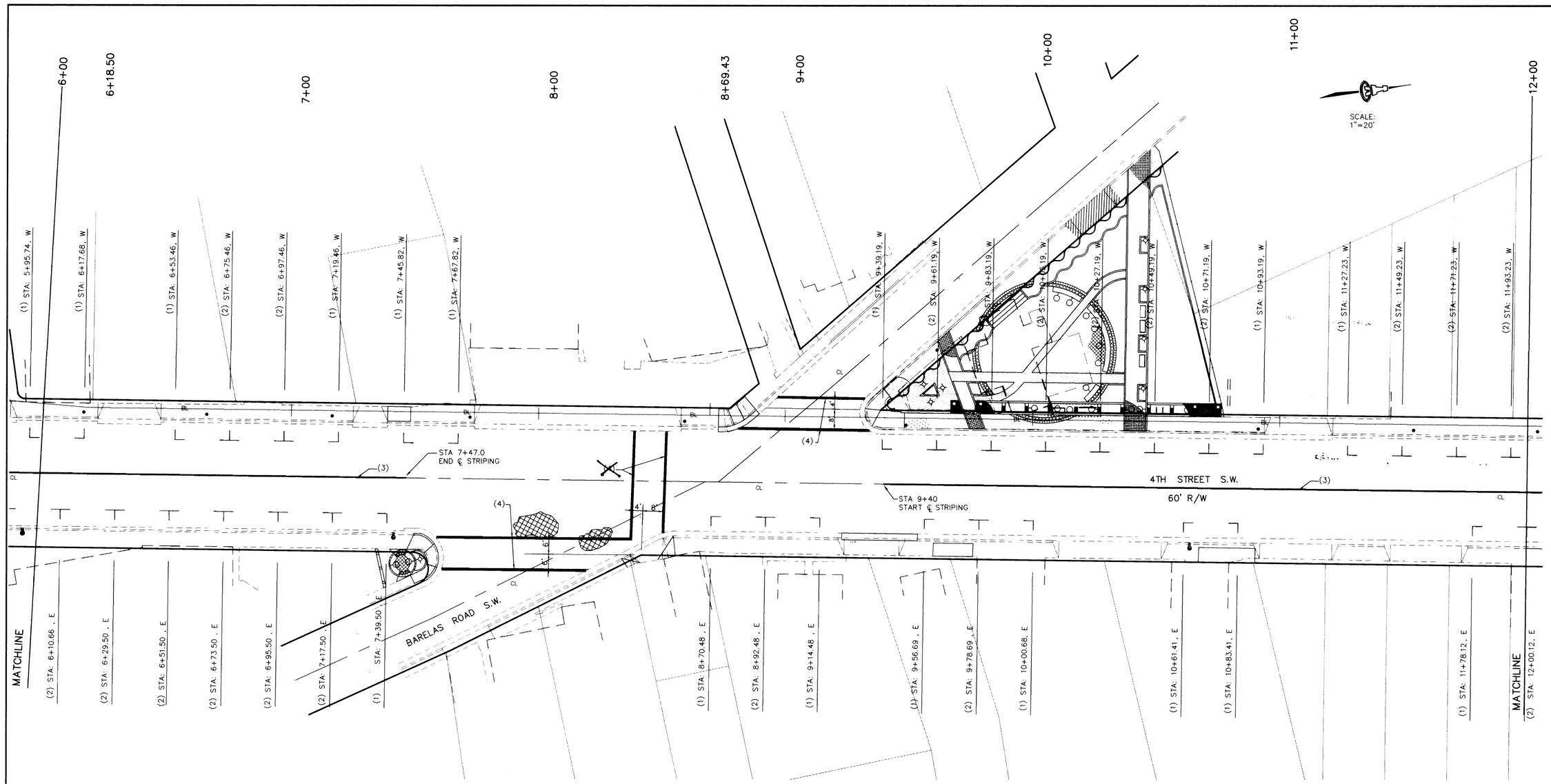
829ST3.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE STRIPING PLAN
STA 0+00 TO STA 6+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	ST-1	7



STRIPING: KEYED ( ) SEE SHT ST-1 FOR DETAIL

1. 4'x4' (L) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING (TYP.)
2. 4'x8' (T) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING.
3. DOUBLE 4" WIDE SOLID YELLOW PLASTIC TRAFFIC STRIPING.
4. STANDARD 12" WIDE WHITE PLASTIC CROSSWALK STRIPING (TYP.) DIMENSION IS TO OUTSIDE OF STRIPING.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- END OF PARKING STRIPING
- INTERMEDIATE PARKING STRIPING
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)

RECORD SET
May 1, 1997

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE DATE 8/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY A.O.I. DATE 8/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924
T.B.M. BASELINE STA 8+69.43 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND BARELAS RD. S.W.
ELEV.: 4944.77

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
FRED C. ARFMAN STATE OF NEW MEXICO 7321 REGISTERED PROFESSIONAL ENGINEER
5-22-21

NO.	DATE	REMARKS	BY
6	8/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN		
DESIGNED BY	FCA	DATE 9/95
DRAWN BY	ANW	DATE 9/95
CHECKED BY	I&A	DATE 9/95

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

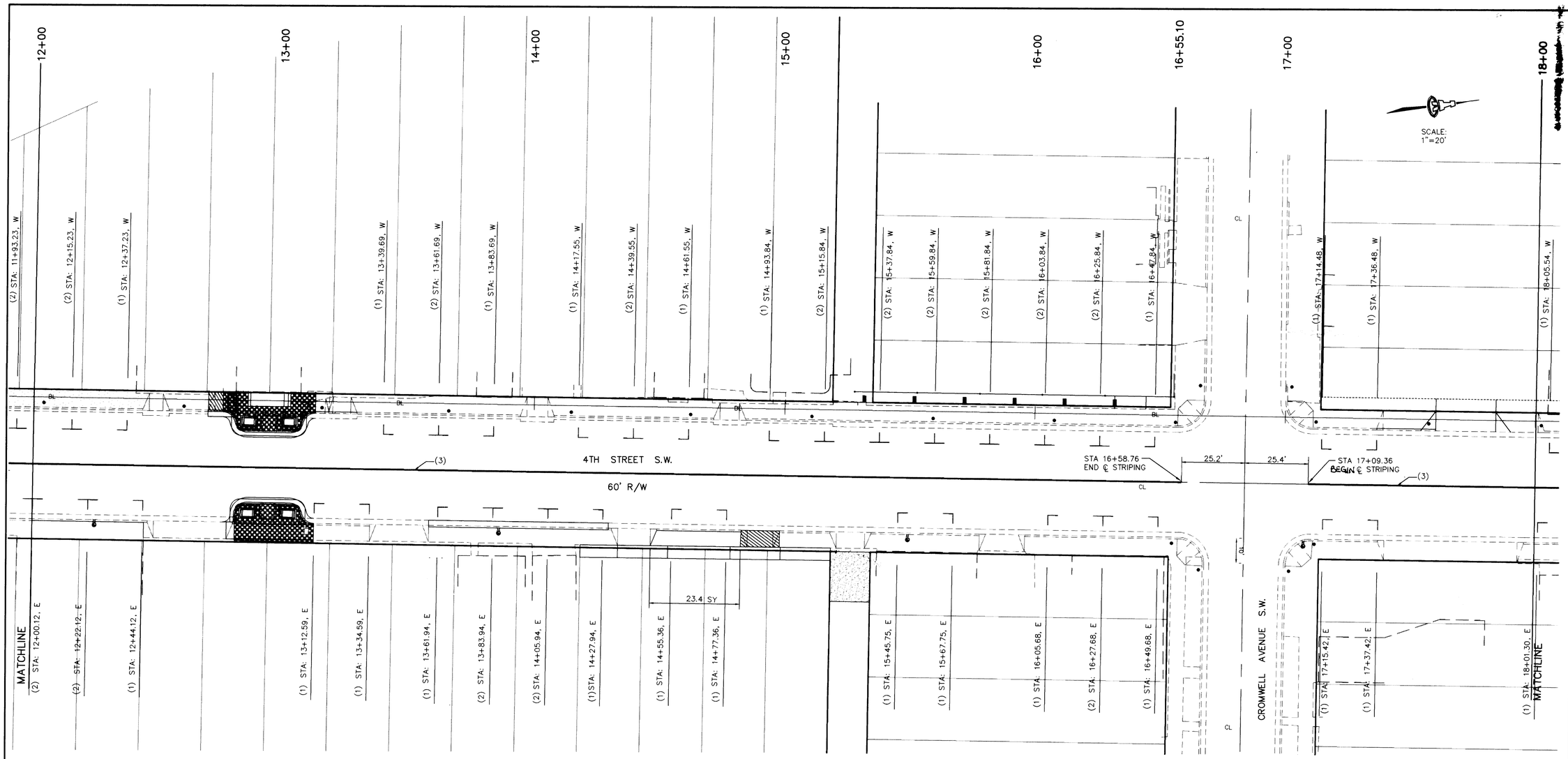
829ST4.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE STRIPING PLAN**
STA 6+00 TO STA 12+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	ST-2	7



STRIPING: KEYED ( ) SEE SHT ST-1 FOR DETAIL

1. 4'x4' (L) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING (TYP.)
2. 4'x8' (T) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING.
3. DOUBLE 4" WIDE SOLID YELLOW PLASTIC TRAFFIC STRIPING.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- END OF PARKING STRIPING
- INTERMEDIATE PARKING STRIPING
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829ST5.DWGanw 12/20/95

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN

DESIGNED BY FCA DATE 9/95
DRAWN BY ANW DATE 9/95
CHECKED BY I&A DATE 9/95

ENGINEER'S SEAL

FRED C. APARICIO, STATE OF NEW MEXICO, 7322, REGISTERED PROFESSIONAL ENGINEER

AS-BUILT INFORMATION

CONTRACTOR: [illegible]
WORK STAKED BY: L.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY: [illegible] DATE 4/97
FIELD VERIFICATION BY: C.D.A. DATE 4/97
DRAWINGS CORRECTED BY: A.O.T. DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS "10-L14" ALONG THE SOUTHERLY R.O.W. OF BRIDGE BLVD. SW APPROX. 500' EAST OF 4TH ST. SW.
ELEV: 4951.924

T.B.M. BASELINE STA 16+55.10 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND CROMWELL AVE. S.W.
ELEV.: 4946.22

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	ALS	

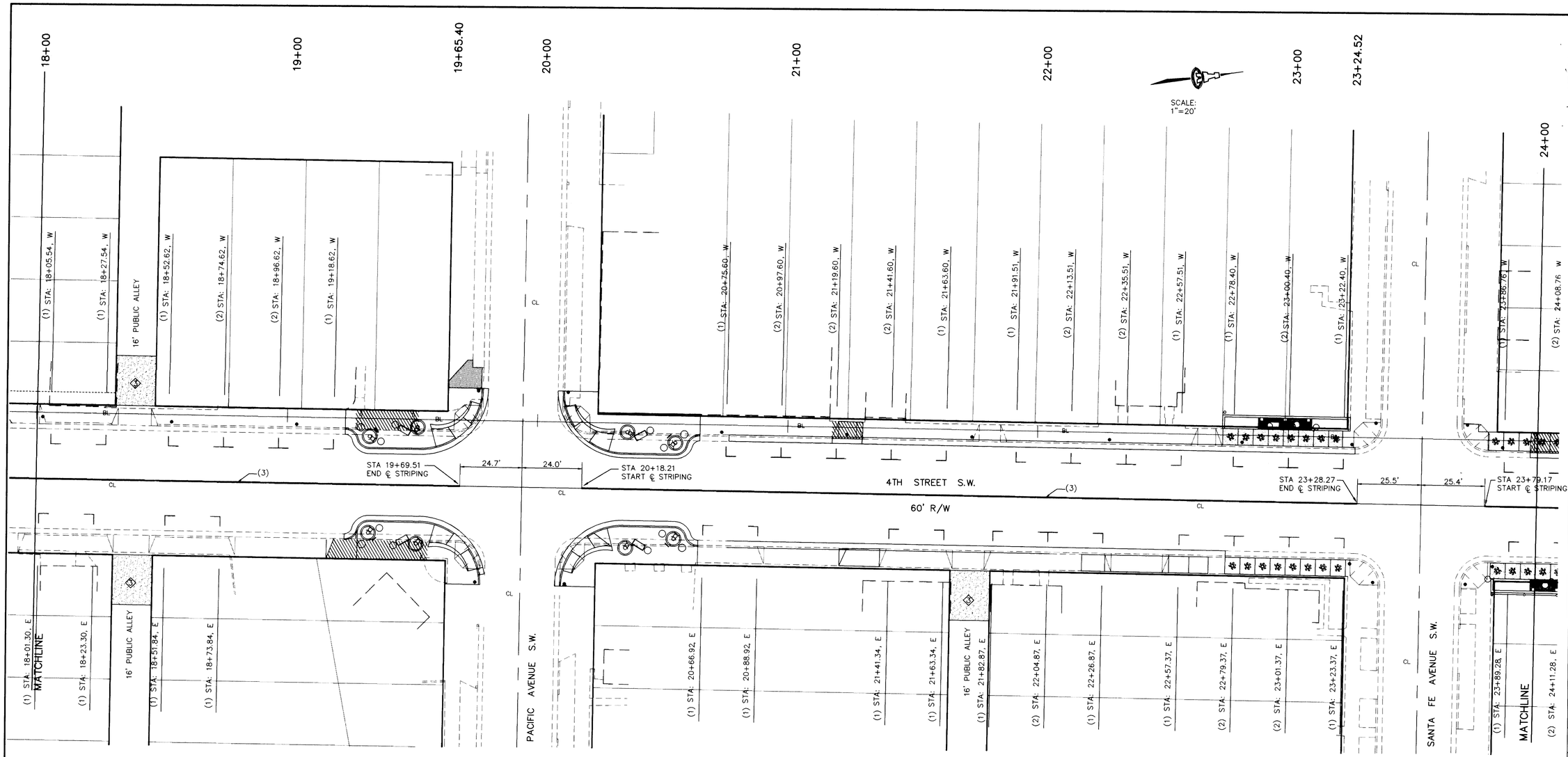
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE STRIPING PLAN STA 12+00 TO STA 18+00**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	ST-3	7

SCANNED BY BY LASON



STRIPING: KEYED ( ) SEE SHT ST-1 FOR DETAIL

1. 4'x4' (L) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING (TYP.)
2. 4'x8' (T) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING.
3. DOUBLE 4" WIDE SOLID YELLOW PLASTIC TRAFFIC STRIPING.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- END OF PARKING STRIPING
- INTERMEDIATE PARKING STRIPING
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829ST6.DWGanw 12/20/95

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.D.A. DATE 4/97
INSPECTED BY
ACCEPTANCE BY Larry Romero DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 5/97
DRAWINGS CORRECTED BY AUI DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564
T.B.M. BASELINE STA 23+24.57 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND SANTA FE AVE. S.W.
ELEV.: 4946.90

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
FRED C. ARFMAN NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER
6-22-21

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

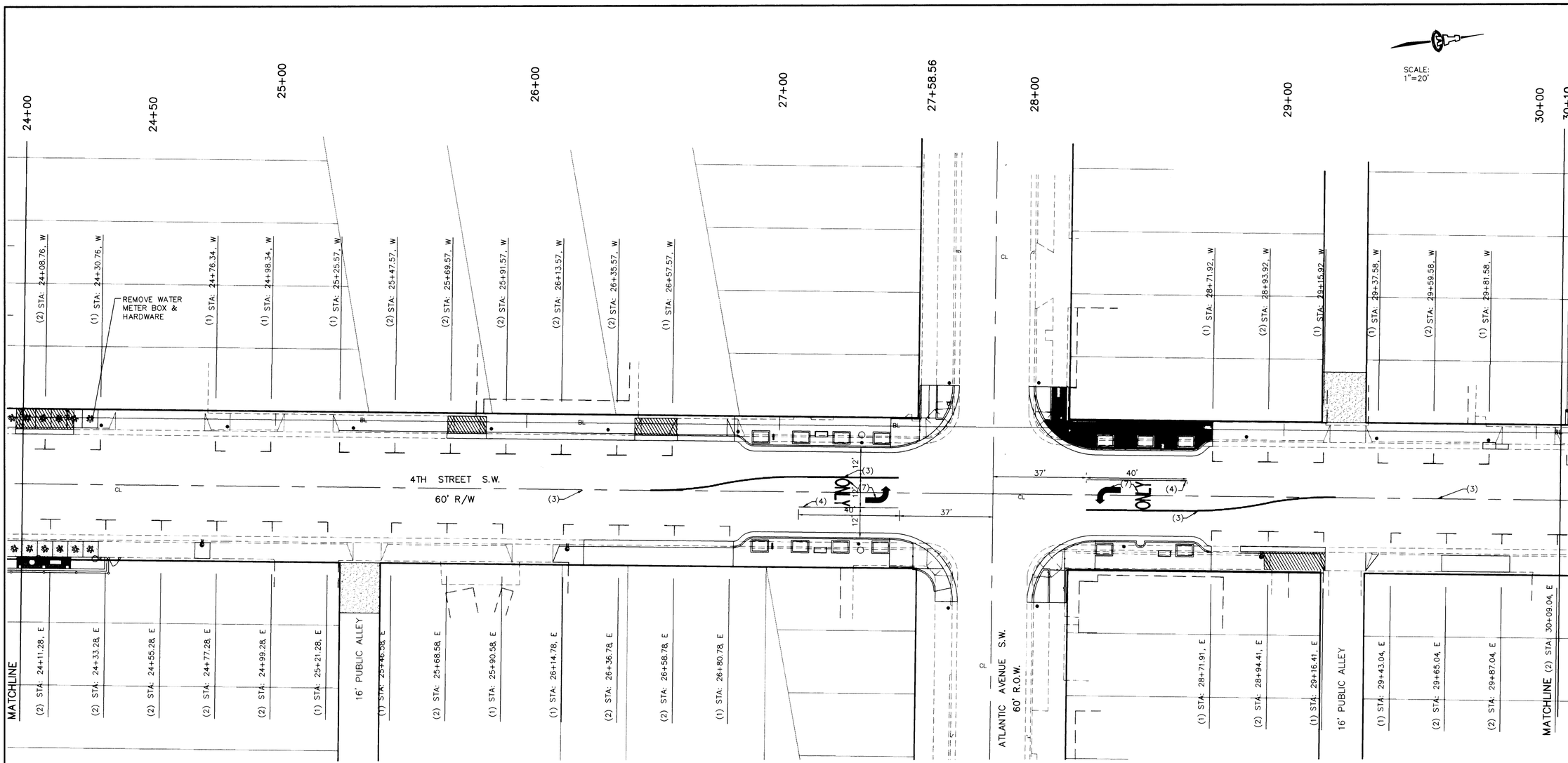
		DATE
DESIGNED BY	FCA	9/95
DRAWN BY	ANW	9/95
CHECKED BY	I&A	9/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE**
STRIPING PLAN
STA 18+00 TO STA 24+00

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K-14	ST-4	7



STRIPING: KEYED ( ) SEE SHEET ST-1 FOR DETAIL

1. 4'x4' (L) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING (TYP.)
2. 4'x8' (T) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING.
3. DOUBLE 4" WIDE SOLID YELLOW PLASTIC TRAFFIC STRIPING.
4. 4" WIDE PLASTIC TRAFFIC STRIPING, WHITE SOLID LINE.
5. N/A
6. N/A
7. "LEFT TURN" ARROW AND LETTERS AS INDICATED PER MUTCD MANUEL.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- END OF PARKING STRIPING
- INTERMEDIATE PARKING STRIPING
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829ST7.DWGanw 12/20/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE STRIPING PLAN STA 24+00 TO STA 30+10**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
			10/6/95	

City Project No. 4917.90 | Zone Map No. K-14 | Sheet ST-5 Of 7

AS-BUILT INFORMATION
CONTRACTOR [redacted]
SUBSTANTIAL COMPLETION BY Leroy Cruz DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
REMARKS CORRECTED BY AER DATE 9/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

T.B.M. BASELINE STA 27+58.56 (CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND ATLANTIC AVE. S.W.
ELEV.: 4947.60

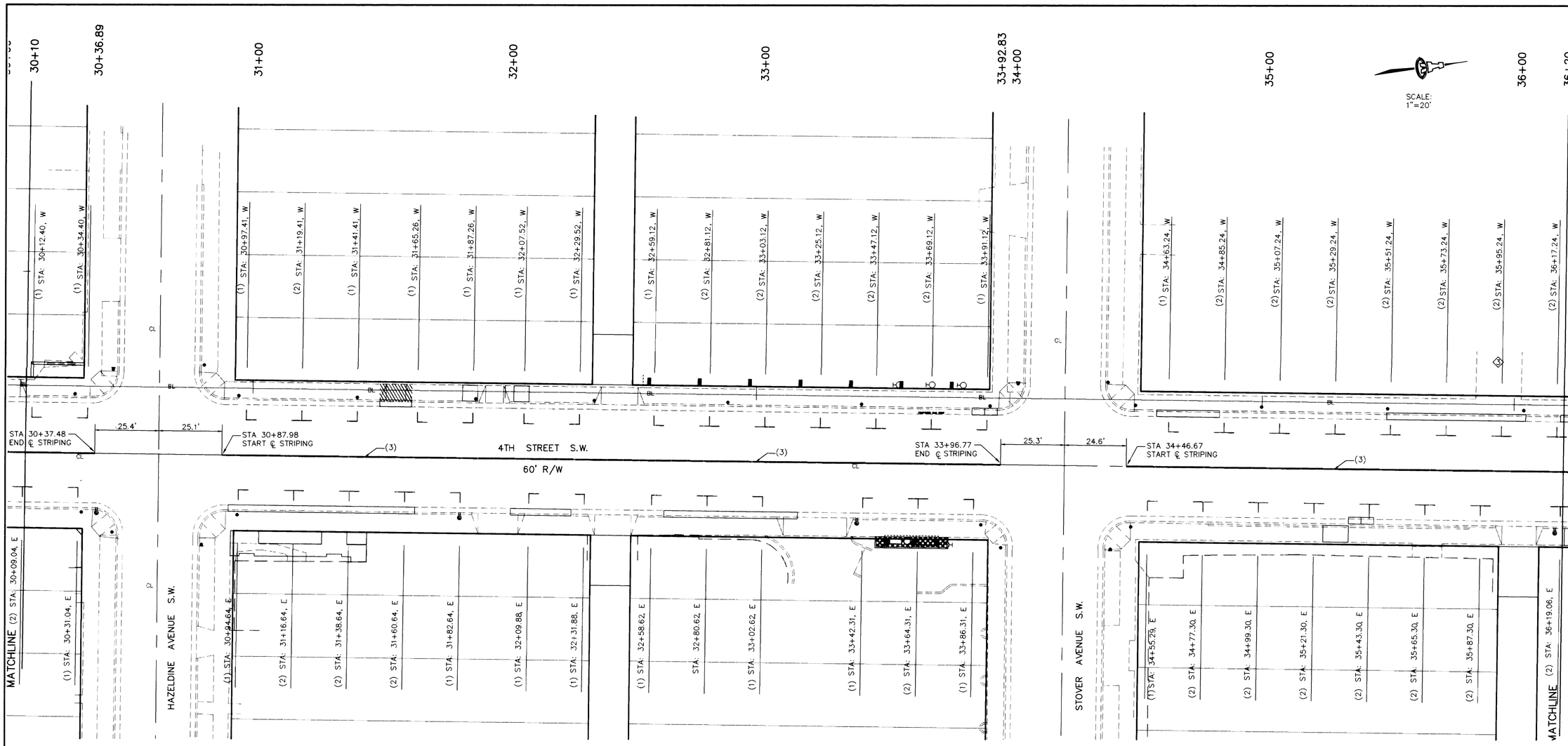
ENGINEER'S SEAL
12-20-95

NO.	DATE	REMARKS	BY
1	6/19/96	ISSUED FOR CONSTRUCTION	

REVISIONS

		DATE
DESIGN		
DESIGNED BY	FCA	9/95
DRAWN BY	ANW	9/95
CHECKED BY	I&A	9/95

SCANNED BY BY LASON



STRIPING: KEYED ( ) SEE SHT ST-1 FOR DETAIL

1. 4'x4' (L) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING (TYP.)
2. 4'x8' (T) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING.
3. DOUBLE 4" WIDE SOLID YELLOW PLASTIC TRAFFIC STRIPING.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- END OF PARKING STRIPING
- INTERMEDIATE PARKING STRIPING
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829ST8.DWGanw 12/20/95

AS-BUILT INFORMATION
CONTRACTOR [redacted]
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LARRY RAMOS DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 4/97
DRAWINGS CORRECTED BY A.O.T. DATE 4/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564
T.B.M. BASELINE STA 33+92.83 (CROSS IN SIDEWALK) @ S.W. QUADRANT OF 4TH ST. AND STOVER AVE. S.W.
ELEV.: 4948.41

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL
PAUL C. ARFMAN STATE OF NEW MEXICO 7322 REGISTERED PROFESSIONAL ENGINEER
12-20-95

NO.	DATE	REMARKS	BY
	12/20/95	ISSUED FOR CONSTRUCTION	

REVISIONS

		DATE
DESIGN		
DESIGNED BY	F.C.A.	9/95
DRAWN BY	ANW	9/95
CHECKED BY	I&A	9/95

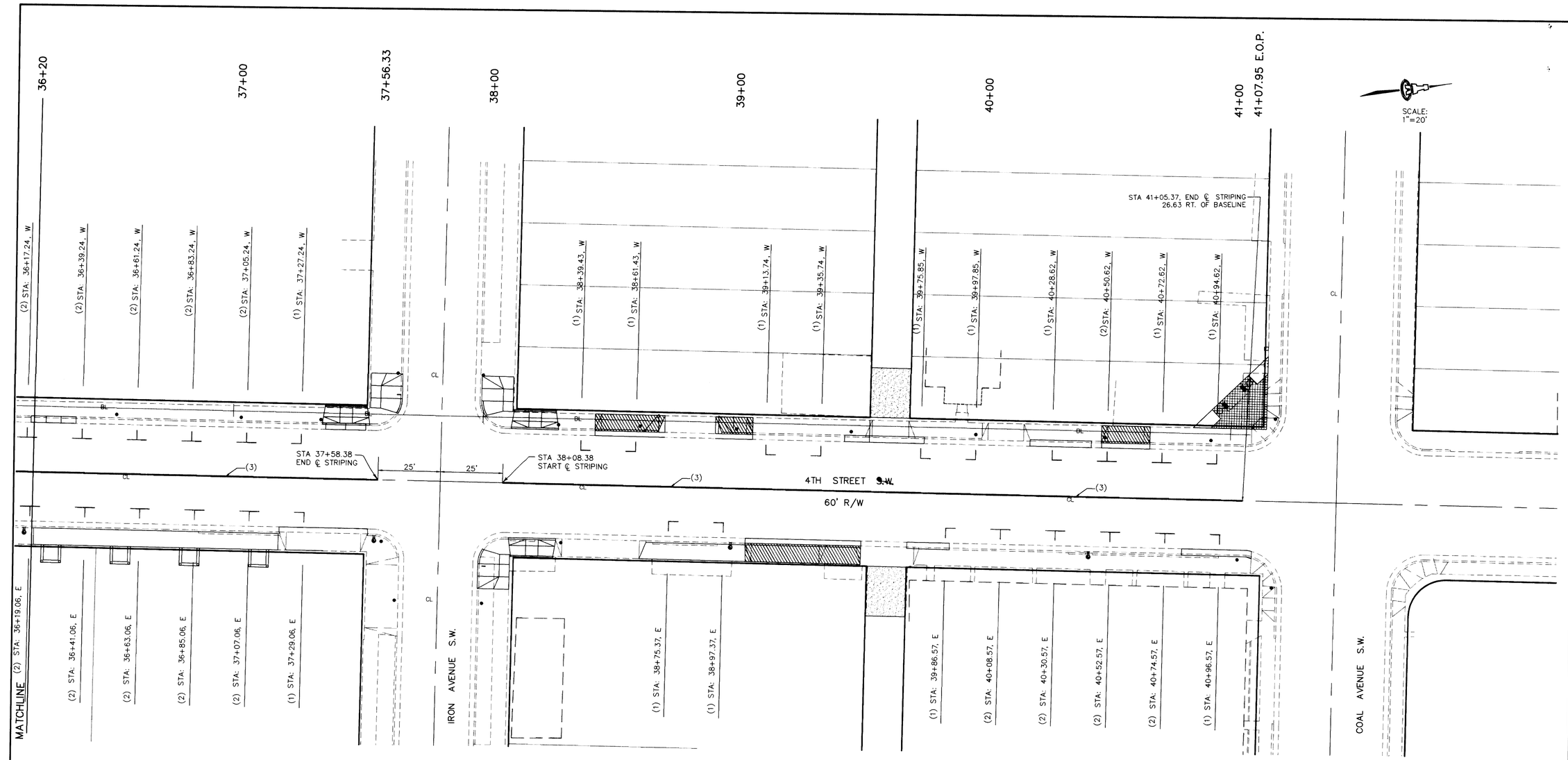
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SOUTH 4th STREET STREETSCAPE STRIPING PLAN**
STA 30+10 TO STA 36+20

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K-14	ST-6	7

SCANNED BY BY LASON



STRIPING: KEYED ( ) SEE SHT ST-1 FOR DETAIL

1. 4'x4' (L) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING (TYP.)
2. 4'x8' (T) x4" WIDE WHITE PLASTIC TRAFFIC STRIPING.
3. DOUBLE 4" WIDE SOLID YELLOW PLASTIC TRAFFIC STRIPING.

LEGEND (SEE SHT. S-8 FOR COMPLETE LEGEND)

- END OF PARKING STRIPING
- INTERMEDIATE PARKING STRIPING
- CURB AND GUTTER (EXISTING)
- CURB AND GUTTER (PROPOSED)
- CONCRETE/SIDEWALK
- DRIVEPAD (PROPOSED/EXISTING)

RECORD SET
May 1, 1997

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico

829ST9.DWGanw 12/20/95

SCANNED BY
BY LASON

AS-BUILT INFORMATION

CONTRACTOR ALBUQUERQUE UNDERGROUND INC
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEONN ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY AUI DATE 5/97

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS "3-K14" LOCATED AT THE NE QUADRANT OF 3RD ST. AND LEAD AVE. SW
ELEV: 4950.564

T.B.M. BASELINE STA 41+07.95 (E.O.P. CROSS IN SIDEWALK)
@ S.W. QUADRANT OF 4TH ST. AND COAL AVE. S.W.
ELEV.: 4950.29

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
	ALS	

ENGINEER'S SEAL

12-20-95

NO.	DATE	REMARKS	BY
	6/19/96	ISSUED FOR CONSTRUCTION	

REVISIONS

		DATE
DESIGN		
DESIGNED BY	FCA	9/95
DRAWN BY	ANW	9/95
CHECKED BY	I&A	9/95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

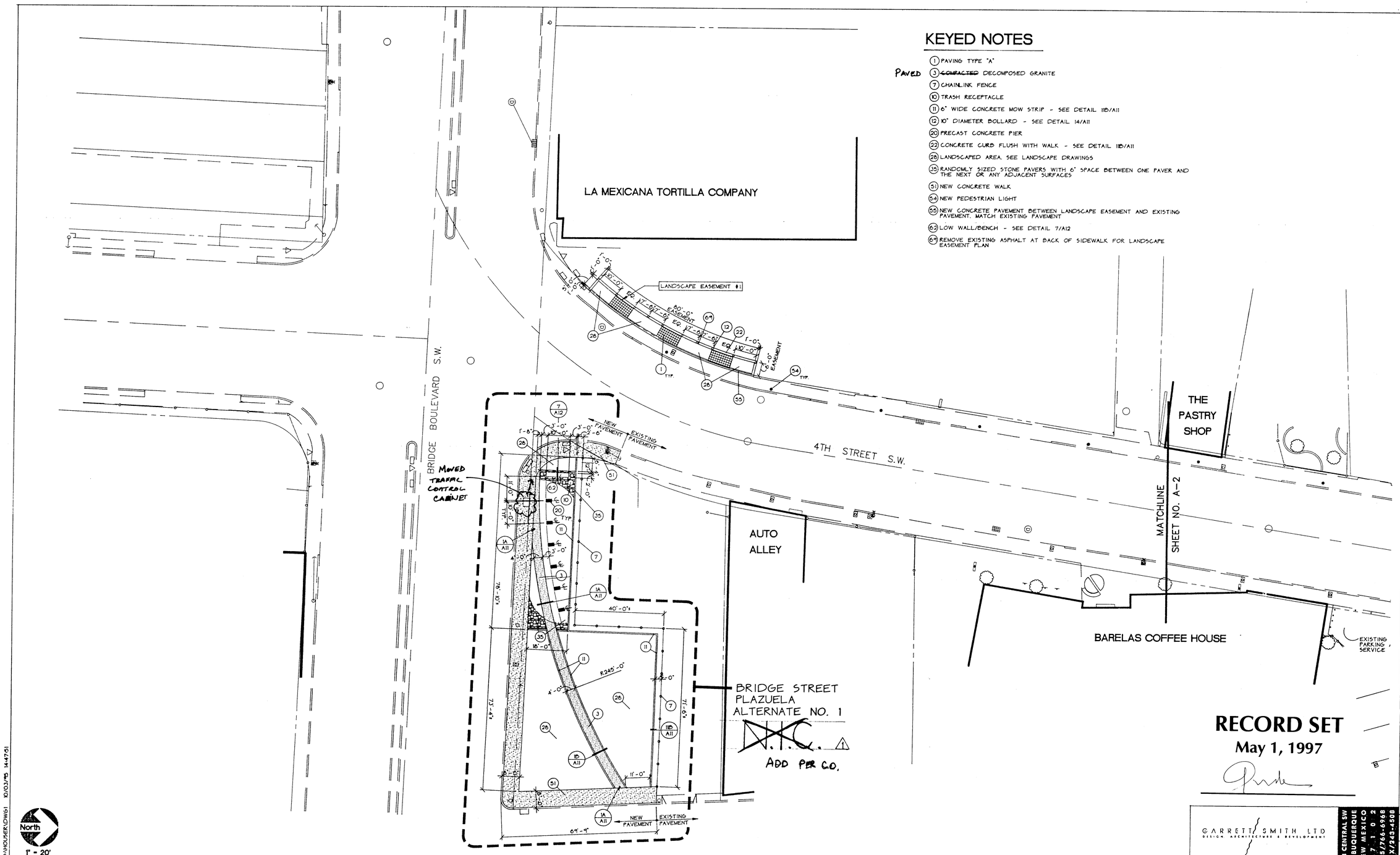
TITLE: **SOUTH 4th STREET STREETSCAPE STRIPING PLAN**
STA 36+20 TO STA 41+07.95

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		10/6/95	

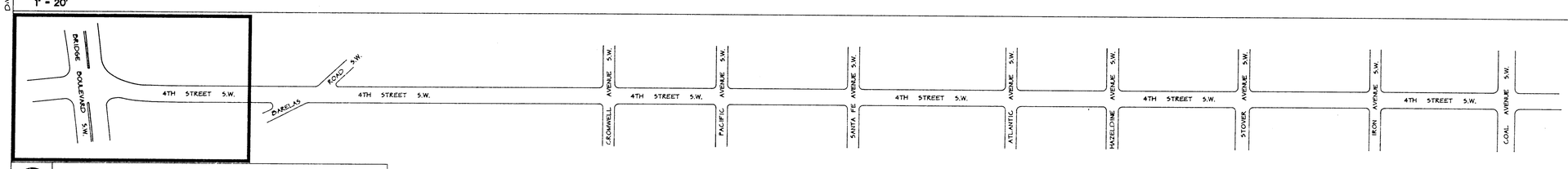
City Project No. 4917.90 | Zone Map No. K-14 | Sheet ST-7 Of 7

KEYED NOTES

1. PAVING TYPE "A"
3. ~~COMPACTED~~ PAVED DECOMPOSED GRANITE
7. CHAINLINK FENCE
10. TRASH RECEPTACLE
11. 6" WIDE CONCRETE MOW STRIP - SEE DETAIL 11D/A11
12. 10" DIAMETER BOLLARD - SEE DETAIL 14/A11
20. PRECAST CONCRETE PIER
22. CONCRETE CURB FLUSH WITH WALK - SEE DETAIL 11D/A11
26. LANDSCAPED AREA. SEE LANDSCAPE DRAWINGS
35. RANDOMLY SIZED STONE PAVERS WITH 6" SPACE BETWEEN ONE PAVER AND THE NEXT OR ANY ADJACENT SURFACES
51. NEW CONCRETE WALK
54. NEW PEDESTRIAN LIGHT
55. NEW CONCRETE PAVEMENT BETWEEN LANDSCAPE EASEMENT AND EXISTING PAVEMENT. MATCH EXISTING PAVEMENT
62. LOW WALL/BENCH - SEE DETAIL 7/A12
69. REMOVE EXISTING ASPHALT AT BACK OF SIDEWALK FOR LANDSCAPE EASEMENT PLAN



RECORD SET
May 1, 1997



FOURTH STREET STREETSCAPE KEY

GARRETT SMITH LTD
DESIGN ARCHITECTURE & DEVELOPMENT
514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4508

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
			6/16/95	
			8/4/95	
			8/15/95	
			8/29/95	
			10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-1	13

AS-BUILT INFORMATION
CONTRACTOR: C.O.A. DATE 4/97
WORK STAKED BY: C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE: LEANN Ramos DATE 4/97
FIELD INFORMATION BY: C.O.A. DATE 5/97
DRAWINGS CORRECTED BY: AUI DATE 5/98
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
GARRETT SMITH
REGISTERED ARCHITECT

ISSUED FOR CONSTRUCTION
NO. | DATE | REMARKS | BY
REVISIONS
DESIGNED BY | DATE
DRAWN BY | DATE
CHECKED BY | DATE

D:\HOUSER\DWG1 10/03/95 14:47:51

SCANNED BY
BY LASON

KEYED NOTES

(54) NEW PEDESTRIAN LIGHT

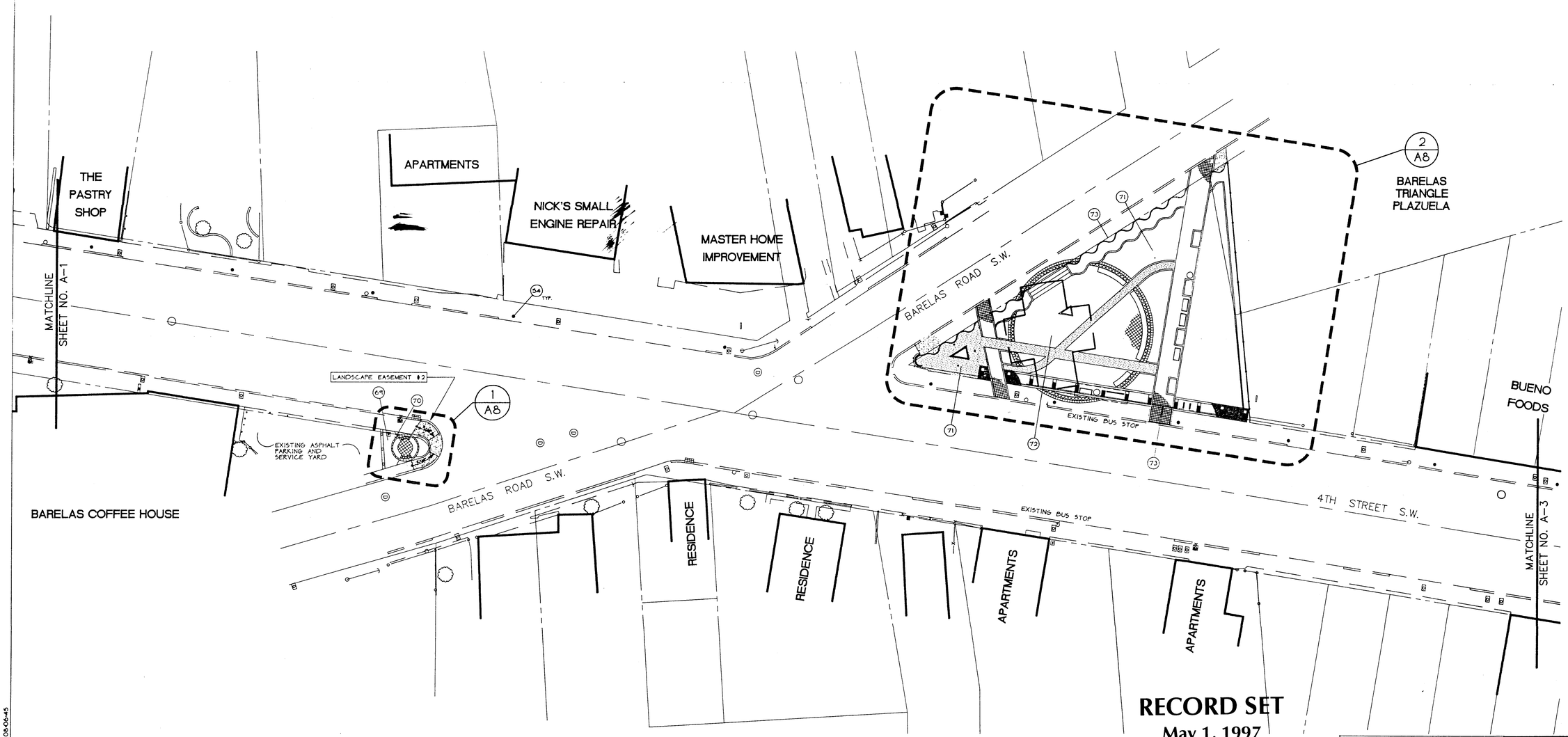
(69) REMOVE EXISTING ASPHALT AT BACK OF SIDEWALK FOR LANDSCAPE EASEMENT PLAN

(70) RELOCATE USPS COLLECTION BOX. SEE DETAIL 1/A8 FOR LOCATION

(71) REMOVE EXISTING CONCRETE PAVING N.I.C.

(72) REMOVE EXISTING BUILDING AND FOUNDATIONS N.I.C.

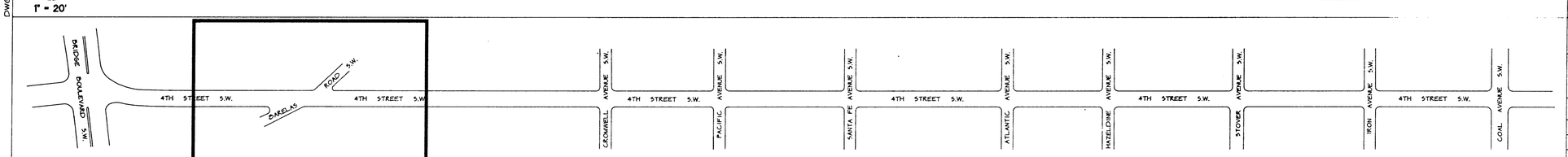
(73) REMOVE EXISTING CHAIN LINK FENCE POSTS AND FOUNDATIONS ALONG FOURTH STREET AND BARELAS. STORE FOR REUSE



RECORD SET
May 1, 1997

North
1" = 20'

DWG2 06/29/95 08:06:45



FOURTH STREET STREETSCAPE KEY

SCANNED BY BY LASON

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE [illegible]
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEWIS Ron Zo DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 6/97
DRAWINGS CORRECTED BY AOT DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
GARRETT SMITH
No. 3018
REGISTERED ARCHITECT

ISSUED FOR CONSTRUCTION
NO. DATE REMARKS BY
1 6/19/96
REVISIONS
DESIGN DATE
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

GARRETT SMITH LTD
DESIGN ARCHITECTURE & DEVELOPMENT
514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4508

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

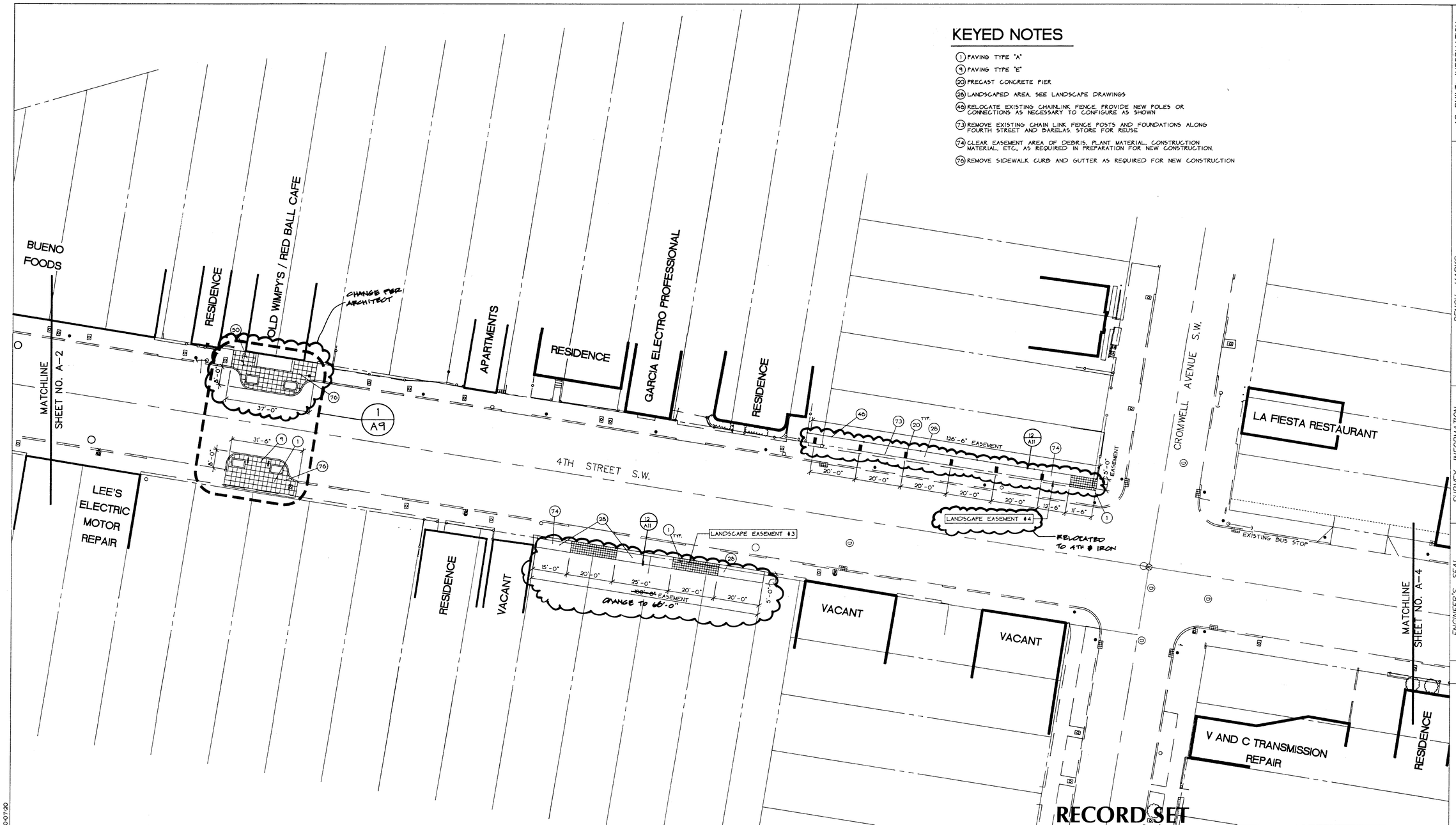
TITLE: **FOURTH STREET STREETSCAPE**
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		6/16/95	
			8/4/95	
			8/15/95	
			8/29/95	
			10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-2	L3

KEYED NOTES

(1) PAVING TYPE "A"
(9) PAVING TYPE "E"
(20) PRECAST CONCRETE PIER
(28) LANDSCAPED AREA. SEE LANDSCAPE DRAWINGS
(46) RELOCATE EXISTING CHAIN LINK FENCE. PROVIDE NEW POLES OR CONNECTIONS AS NECESSARY TO CONFIGURE AS SHOWN
(73) REMOVE EXISTING CHAIN LINK FENCE POSTS AND FOUNDATIONS ALONG FOURTH STREET AND BARELAS. STORE FOR REUSE
(74) CLEAR EASEMENT AREA OF DEBRIS, PLANT MATERIAL, CONSTRUCTION MATERIAL, ETC., AS REQUIRED IN PREPARATION FOR NEW CONSTRUCTION.
(76) REMOVE SIDEWALK, CURB AND GUTTER AS REQUIRED FOR NEW CONSTRUCTION



RECORD SET
May 1, 1997

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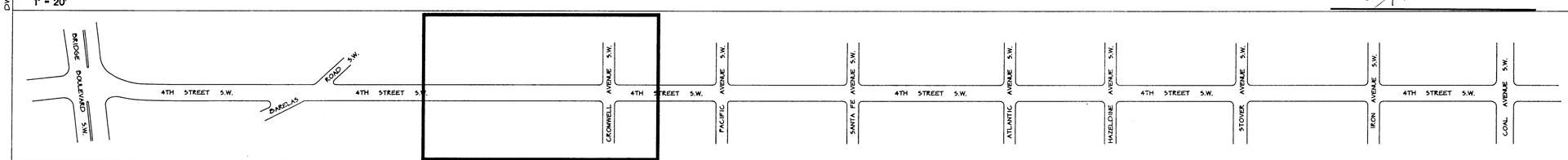


FOURTH STREET STREETSCAPE KEY

GARRETT SMITH LTD
DESIGN, ARCHITECTURE & DEVELOPMENT
514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
8 7 1 0 2
505/766-6968
FAX/243-4508

AS-BUILT INFORMATION
CONTRACTOR [redacted] DATE
WORK STAKED BY DATE
INSPECTOR'S CERTIFICATE DATE
FIELD INSPECTION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
NO. 2018
REGISTERED ARCHITECT

NO.	DATE	ISSUED FOR CONSTRUCTION	BY
	6/8/96		

REMARKS
REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		6/16/95	
			8/4/95	
			8/15/95	
			8/29/95	
			10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-3	13

SCANNED BY
BY LASON

KEYED NOTES

(2) PAVING TYPE "C"

(9) PAVING TYPE "E"

(26) LANDSCAPED AREA. SEE LANDSCAPE DRAWINGS

(30) RELOCATED EXISTING POWER POLE - SEE ELECTRICAL

(31) RELOCATED EXISTING STREET LIGHT - SEE ELECTRICAL DRAWINGS

(40) STAMPED COLORED CONCRETE TYPE "B" PAVING

(46) RELOCATE EXISTING CHAINLINK FENCE. PROVIDE NEW POLES OR CONNECTIONS AS NECESSARY TO CONFIGURE AS SHOWN.

(59) ONE GECKO PAVER SHALL BE LOCATED IN THE CENTER OF EACH NEW SIDEWALK STONE FACING TOWARD THE INTERSECTION. GECKOS WILL BE ROTATED SLIGHTLY TO THE LEFT OR RIGHT IN AN ALTERNATING PATTERN. ARCHITECT SHALL INSPECT LAYOUT OF GECKOS PRIOR TO POURING OF SURROUNDING WALK.

(60) EXISTING CONCRETE JOINT

(63) PAINT OVER EXISTING BUS-STOP DESIGNATION ON CURB. VERIFY WITH CITY TRANSIT DEPARTMENT

(67) SEE CIVIL FOR NEW DRIVEPAD / SIDEWALK TRANSITION

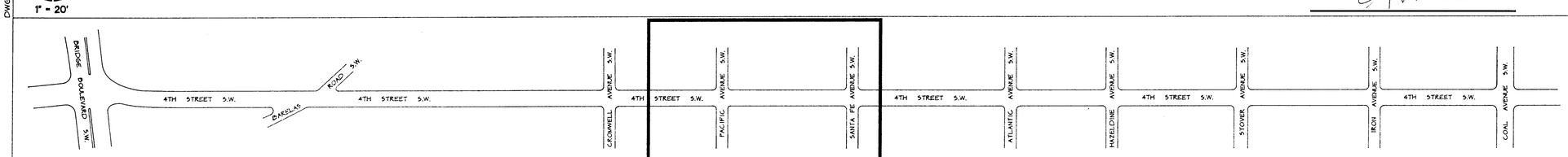
(73) REMOVE EXISTING CHAIN LINK FENCE POSTS AND FOUNDATIONS ALONG FOURTH STREET AND BARELAS. STORE FOR REUSE

(74) CLEAR EASEMENT AREA OF DEBRIS, PLANT MATERIAL, CONSTRUCTION MATERIAL, ETC., AS REQUIRED IN PREPARATION FOR NEW CONSTRUCTION.

(76) REMOVE SIDEWALK CURB AND GUTTER AS REQUIRED FOR NEW CONSTRUCTION

RECORD SET

May 1, 1997



FOURTH STREET STREETSCAPE KEY

GARRETT SMITH LTD
DESIGN ARCHITECTURE & DEVELOPMENT

514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4508

AS-BUILT INFORMATION
CONTRACTOR Mountain Cat Construction Inc.
STAKED BY L.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Larry Romero DATE 4/97
FIELD VERIFICATION BY L.O.A. DATE 5/97
DRAWINGS CORRECTED BY AUL DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
GARRETT SMITH
NO. 6393
REGISTERED ARCHITECT

ISSUED FOR CONSTRUCTION

NO.	DATE	REMARKS	BY
1	6/18/96	REVISIONS	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/2/95	12/2/95		6/16/95	
			8/4/95	
			8/15/95	
			8/29/95	
			10/6/95	

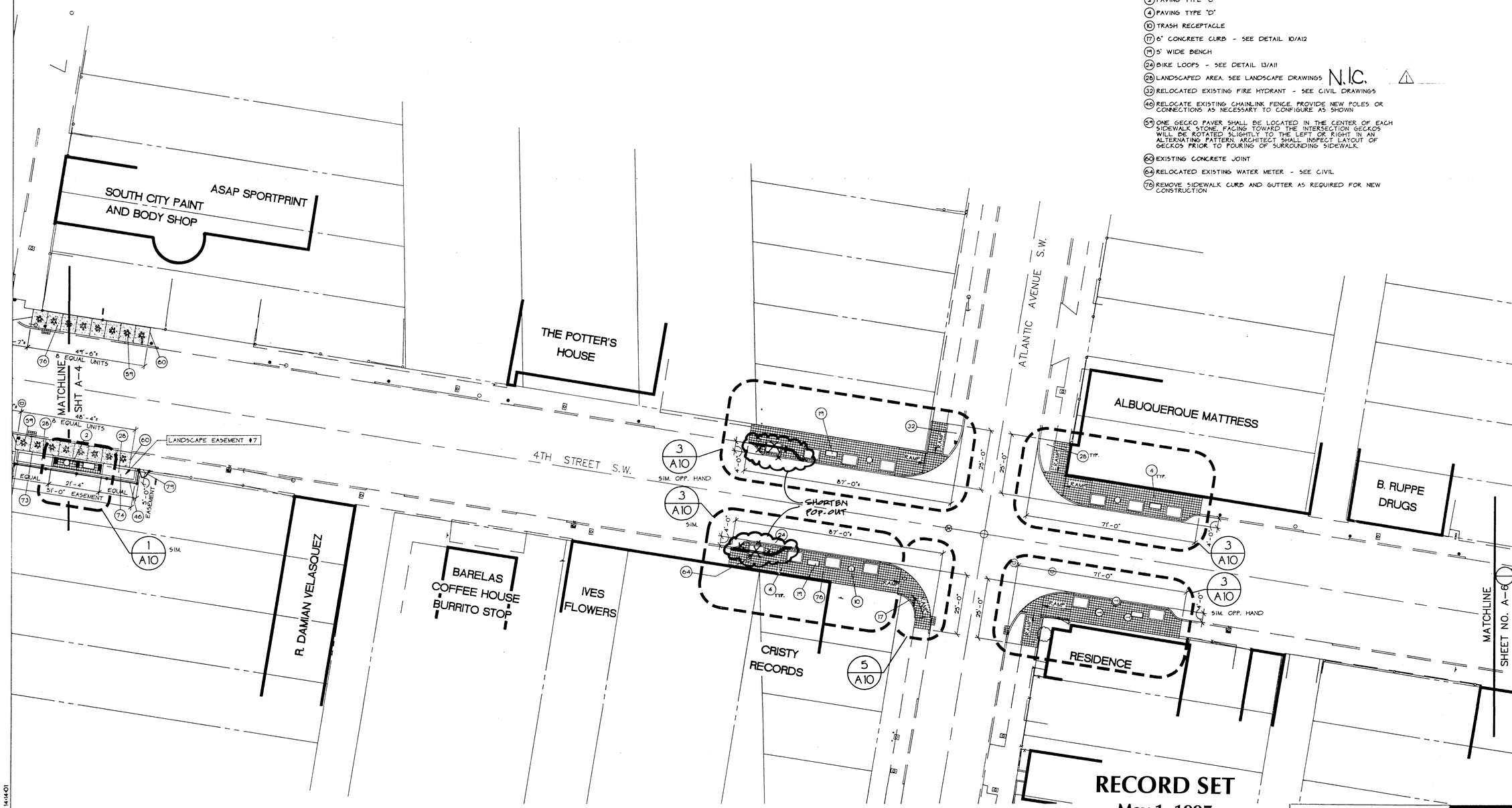
City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-4	13

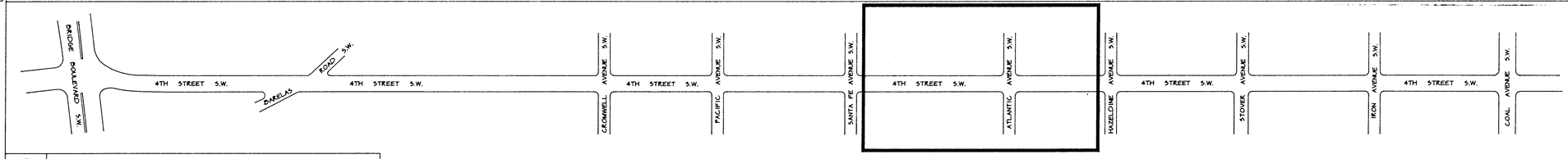
SCANNED BY
BY LASON

DWG4 08/29/95 11:15:42

KEYED NOTES

(2) PAVING TYPE "C"
(4) PAVING TYPE "D"
(10) TRASH RECEPTACLE
(17) 6" CONCRETE CURB - SEE DETAIL 10/A12
(19) 5' WIDE BENCH
(24) BIKE LOOPS - SEE DETAIL 13/A11
(28) LANDSCAPED AREA. SEE LANDSCAPE DRAWINGS N.I.C.
(32) RELOCATED EXISTING FIRE HYDRANT - SEE CIVIL DRAWINGS
(46) RELOCATE EXISTING CHAINLINK FENCE. PROVIDE NEW POLES OR CONNECTIONS AS NECESSARY TO CONFIGURE AS SHOWN
(59) ONE GECKO PAVER SHALL BE LOCATED IN THE CENTER OF EACH SIDEWALK STONE, FACING TOWARD THE INTERSECTION GECKOS WILL BE ROTATED SLIGHTLY TO THE LEFT OR RIGHT IN AN ALTERNATING PATTERN. ARCHITECT SHALL INSPECT LAYOUT OF GECKOS PRIOR TO POURING OF SURROUNDING SIDEWALK.
(60) EXISTING CONCRETE JOINT
(64) RELOCATED EXISTING WATER METER - SEE CIVIL
(76) REMOVE SIDEWALK CURB AND GUTTER AS REQUIRED FOR NEW CONSTRUCTION





FOURTH STREET STREETSCAPE KEY

GARRETT SMITH LTD
DESIGN ARCHITECTURE & DEVELOPMENT
514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4508

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		6/16/95	
			8/4/95	
			8/15/95	
			8/30/95	
			10/6/95	

City Project No.	Zone Map No.	Sheet
4917.90	K14-L14	A-5 Of 13

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE LANDSCAPING INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S CHANGES BY LEANNY RANKEO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.O.I. DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
GARRETT SMITH
NM 2518
REGISTERED ARCHITECT

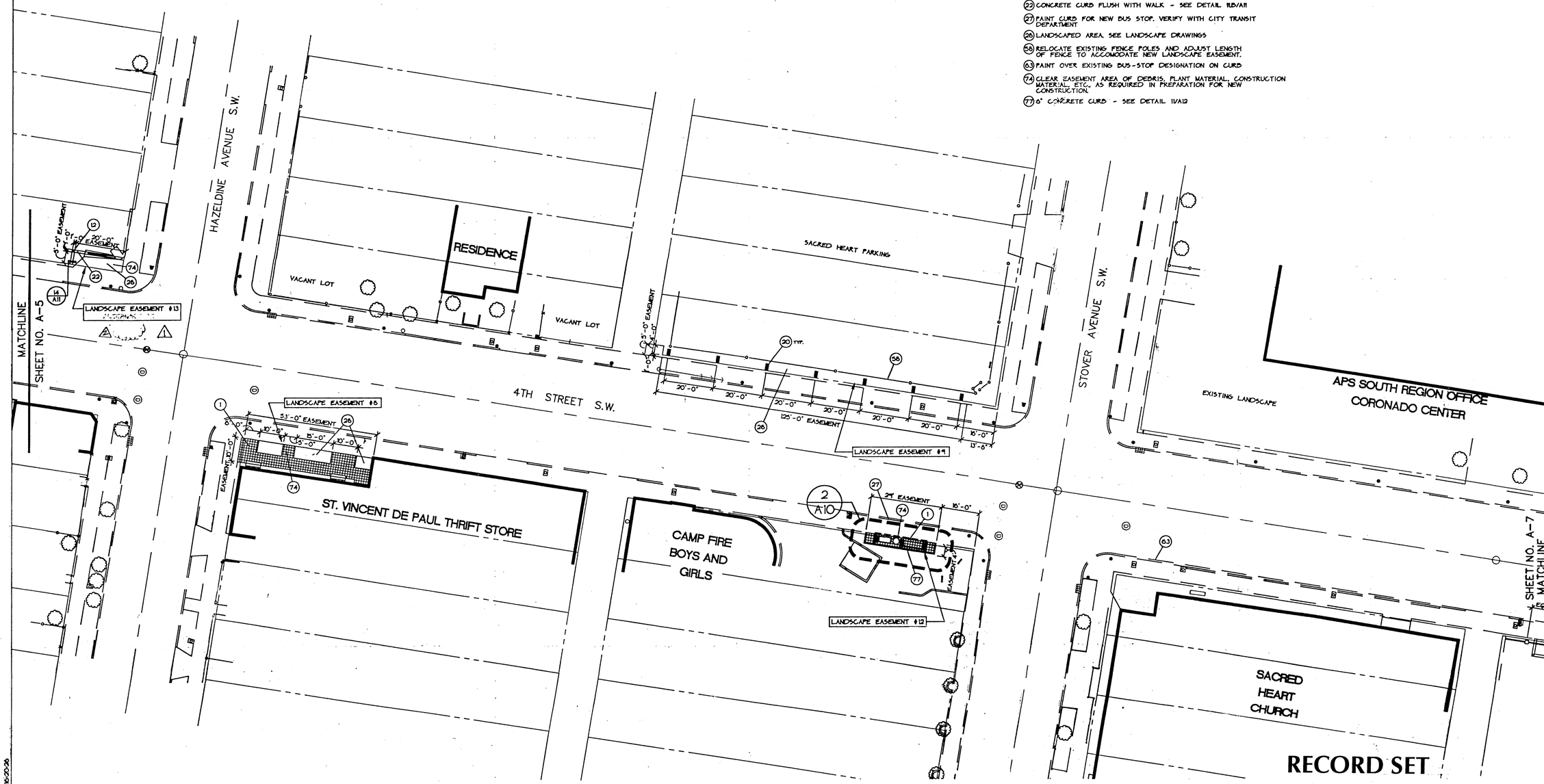
ISSUED FOR CONSTRUCTION
NO. DATE REMARKS BY
1 6/16/95
REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

DWGS 06/30/95 14:14:01

SCANNED BY
BY LASON

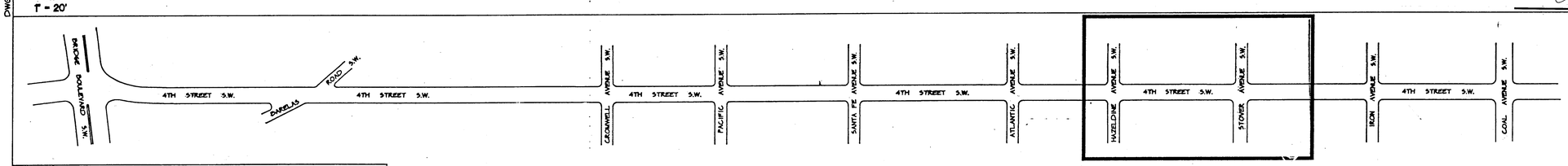
KEYED NOTES

1. PAVING TYPE "A"
13. 10" DIAMETER BOLLARD - SEE DETAIL 14/A11
20. CONCRETE PIER
22. CONCRETE CURB FLUSH WITH WALK - SEE DETAIL 11D/A11
27. PAINT CURB FOR NEW BUS STOP. VERIFY WITH CITY TRANSIT DEPARTMENT
28. LANDSCAPED AREA. SEE LANDSCAPE DRAWINGS
58. RELOCATE EXISTING FENCE POLES AND ADJUST LENGTH OF FENCE TO ACCOMODATE NEW LANDSCAPE EASEMENT.
63. PAINT OVER EXISTING BUS-STOP DESIGNATION ON CURB
74. CLEAR EASEMENT AREA OF DEBRIS, PLANT MATERIAL, CONSTRUCTION MATERIAL, ETC. AS REQUIRED IN PREPARATION FOR NEW CONSTRUCTION.
77. 6" CONCRETE CURB - SEE DETAIL 11/A12



RECORD SET
May 1, 1997

DWGS 06/30/95 10:20:20



FOURTH STREET STREETSCAPE KEY

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
POSITIONS VERIFIED BY LEONARD ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.D.T. DATE 5/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER GARRETT SMITH

NO.	DATE	REMARKS	BY
1	7/21/98	CHANGE PAPER NO. 1	
2	6/10/98	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

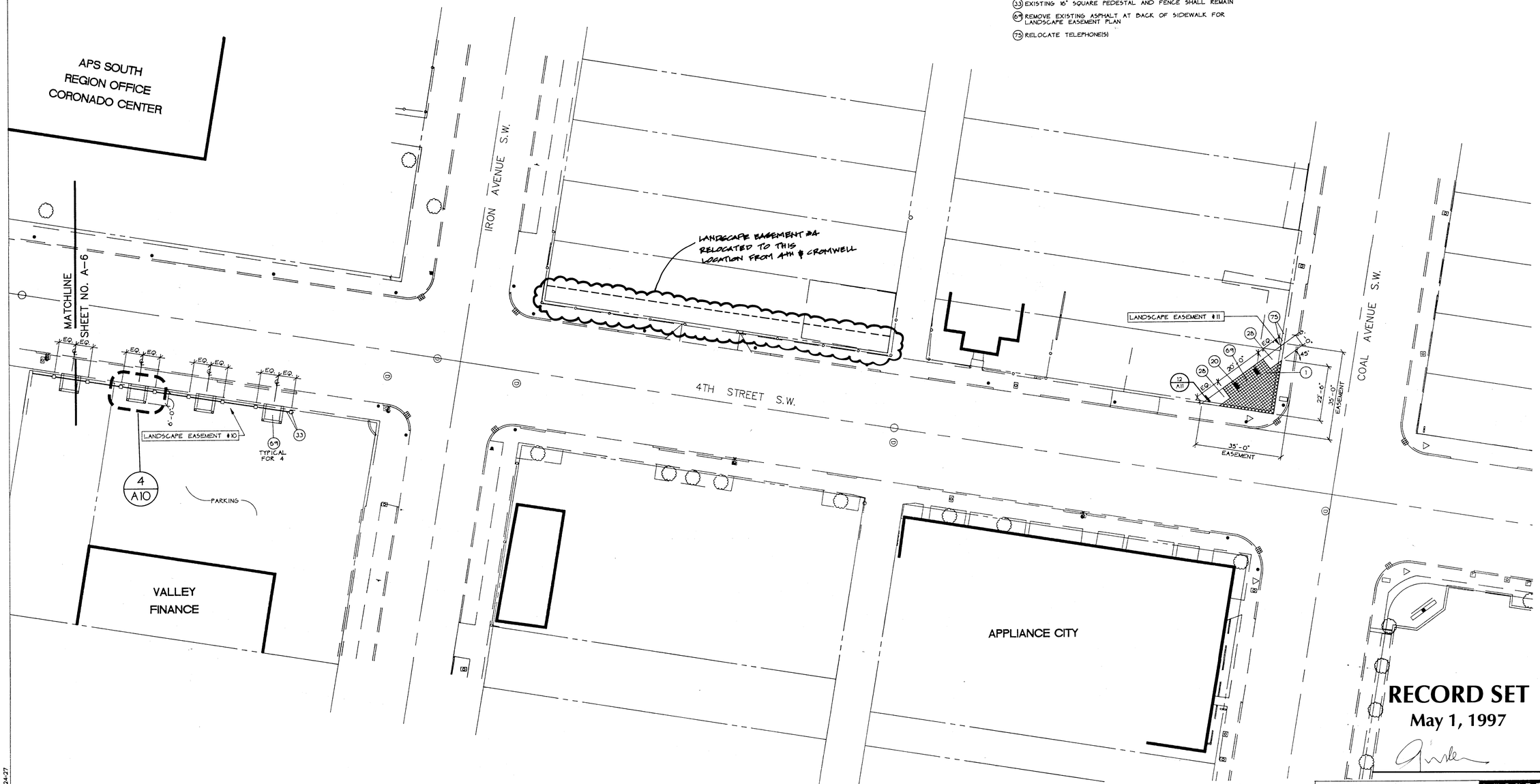
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
			6/16/95
			8/4/95
			8/15/95
			8/30/95
			10/6/95

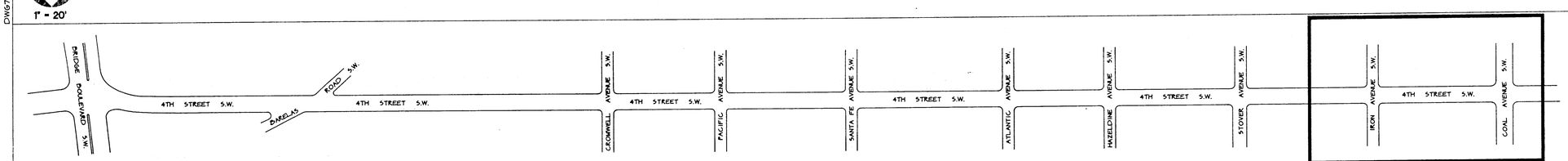
City Project No. 4917.90 | Zone Map No. K14-L14 | Sheet A-6 Of 13

SCANNED BY
BY LASON

KEYED NOTES

1. PAVING TYPE "A"
20. CONCRETE PIER
28. LANDSCAPED AREA. SEE LANDSCAPE DRAWINGS
33. EXISTING 16" SQUARE PEDESTAL AND FENCE SHALL REMAIN
69. REMOVE EXISTING ASPHALT AT BACK OF SIDEWALK FOR LANDSCAPE EASEMENT PLAN
75. RELOCATE TELEPHONE(S)





FOURTH STREET STREETSCAPE KEY

GARRETT SMITH LTD
DESIGN ARCHITECTURE & DEVELOPMENT
814 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6948
FAX/243-4500

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		6/16/95	
			8/4/95	
			8/15/95	
			8/30/95	
			10/6/95	

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-7	13

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE DESIGN, INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Larry Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 3/97
DRAWINGS CORRECTED BY A.O.I. DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
REGISTERED ARCHITECT

NO.	DATE	REMARKS	BY
	6/8/96	1st ISSUED FOR CONSTRUCTION	

REVISIONS

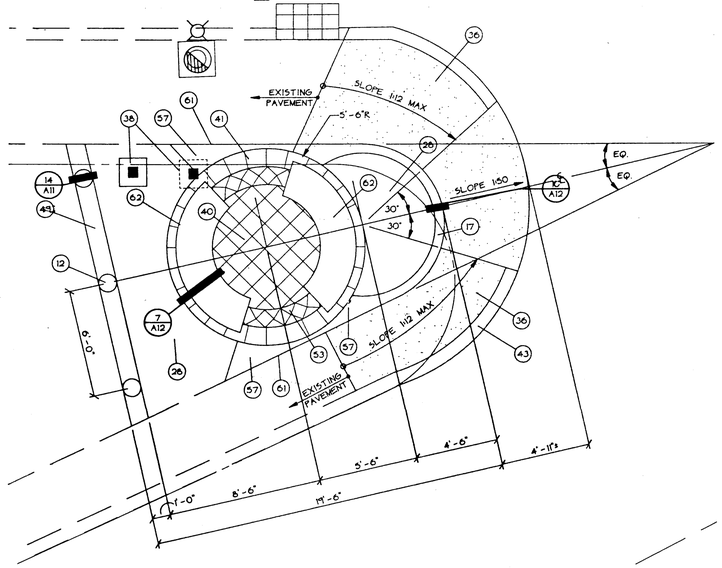
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

DWG7 08/30/95 17:24:27

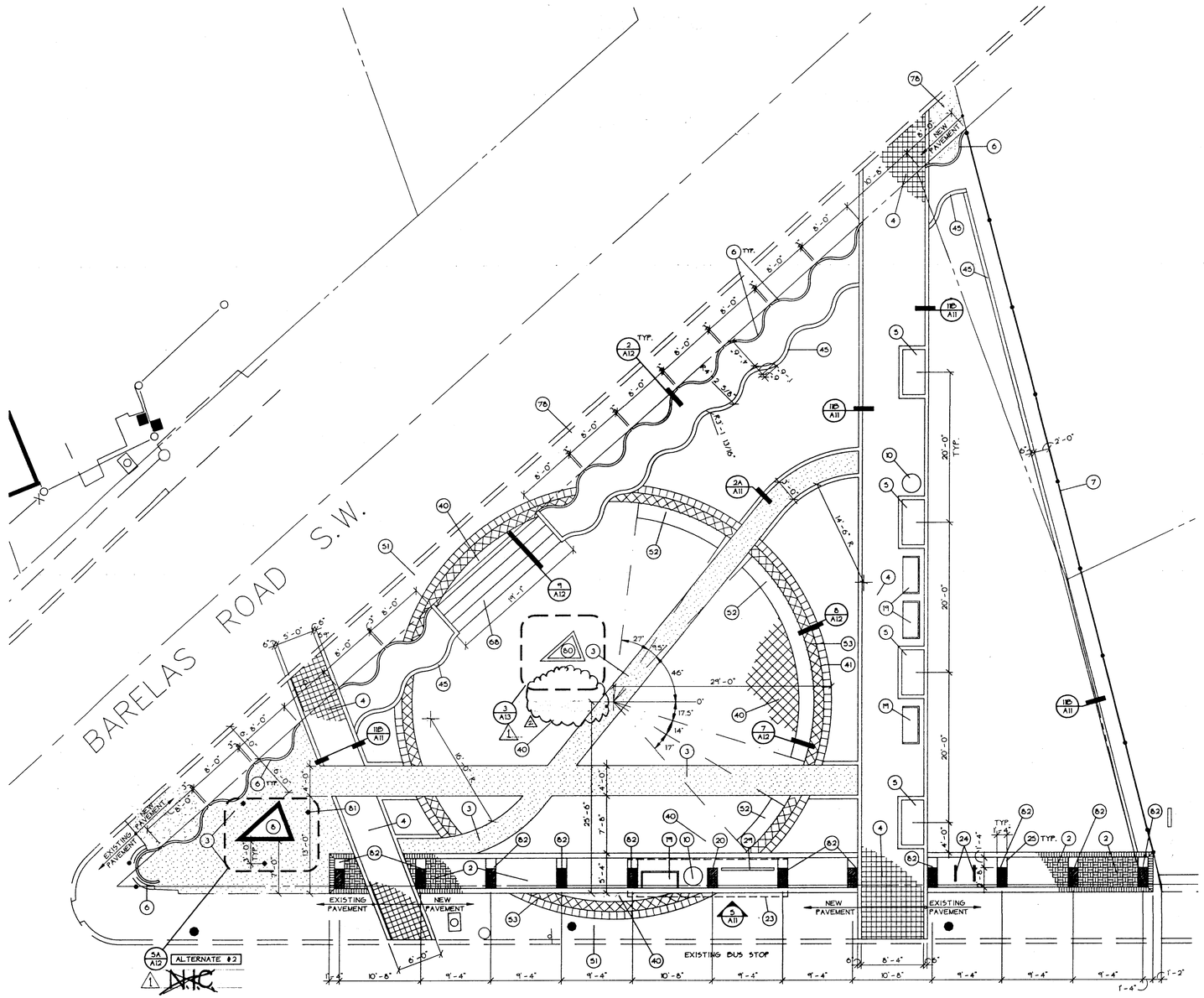
SCANNED BY LASER

KEYED NOTES

1. PAVING TYPE "A"
2. PAVING TYPE "C"
3. PAVED ~~COMPACTED~~ DECOMPOSED GRANITE
4. PAVING TYPE "D"
5. BLOCKOUT FOR TREE WELL
6. PRECAST CONCRETE SERPENTINE WALL - SEE DETAIL 2/A12
7. CHAINLINK FENCE
8. CERAMIC TILE MONUMENT N.I.C.
10. TRASH RECEPTACLE
12. 10" DIAMETER BOLLARD - SEE DETAIL 14/A11
17. 6" CONCRETE CURB - SEE DETAIL 10/A12
19. 5' WIDE BENCH
20. PRECAST CONCRETE PIER
23. EDGE OF ROOF ABOVE - SEE DETAIL 8D/A11
24. BIKE LOOPS - SEE DETAIL 13/A11
25. BLOCK OUT FOR VINE POCKET
26. LANDSCAPED AREA. SEE LANDSCAPE DRAWINGS
29. MURAL PANEL
36. NEW RAMP SHALL CONFORM TO C.O.A. PAVING STANDARDS DWG 2441 EXCEPT AS OTHERWISE INDICATED
38. RELOCATE EXISTING POSTAL BOXES
40. TYPE "D" PAVING
41. CONCRETE TOOLED ON RADIUS AS INDICATED. COLOR + FINISH TO MATCH TYPE "D" PAVING
43. NEW CURB TO FOLLOW CURVE OF EXISTING CURB
45. COLORED CONCRETE CURB
49. CONCRETE CURB FLUSH WITH EXISTING ASPHALT
51. NEW CONCRETE WALK
52. ARC BENCH
53. BAND OF 12 X 12 TILE - SEE DETAIL 2/A13
57. CONCRETE TO MATCH EXISTING SIDEWALK
61. LINE OF EXISTING SIDEWALK
62. LOW WALL/BENCH - SEE DETAIL 7/A12
66. STEPS - SEE CIVIL DRAWINGS
78. NEW SIDEWALK CURB AND GUTTER - SEE CIVIL DRAWINGS
81. (3) UPLIGHTS FOR TOWER - SEE ELECTRICAL N.I.C.
82. VINE TRELLIS / PRECAST CONCRETE PIER - SEE DETAILS 7/A11 AND 3/A12
~~83. VINE TRELLIS / PRECAST CONCRETE PIER - SEE DETAILS 7/A11 AND 3/A12~~
EC. PLAZUELA MAP - SEE DETAIL 5/A13

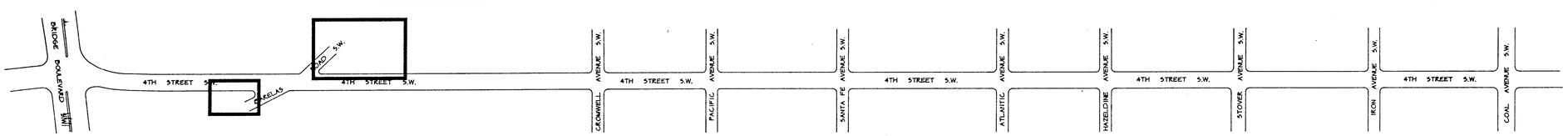


1/A8 Landscape Easement No. 2
SCALE 1/4" = 1'-0"



2/A8 Barelas Triangle Plazuela
SCALE 1/8" = 1'-0"

RECORD SET
May 1, 1997



FOURTH STREET STREETSCAPE KEY

AS-BUILT INFORMATION
CONTRACTOR — JOE DAVIS UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 11/97
INSPECTOR'S ACCEPTANCE BY LEANN ROMERO DATE 11/97
FIELD VERIFICATION BY C.O.A. DATE 3/97
DRAWINGS PREPARED BY A.D.I. DATE 3/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
JEFF TH. SMITH
NO. 2318
REGISTERED ARCHITECT

REVISIONS
NO. DATE REMARKS BY
2 7/21/96 CHANGE ORDER NO. 1
1 6/10/96 ISSUED FOR CONSTRUCTION
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

GARRETT SMITH LTD
DESIGN, ARCHITECTURE & DEVELOPMENT
514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4508

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	CE 12/21/95		6/16/95	
			8/30/95	
			10/6/95	

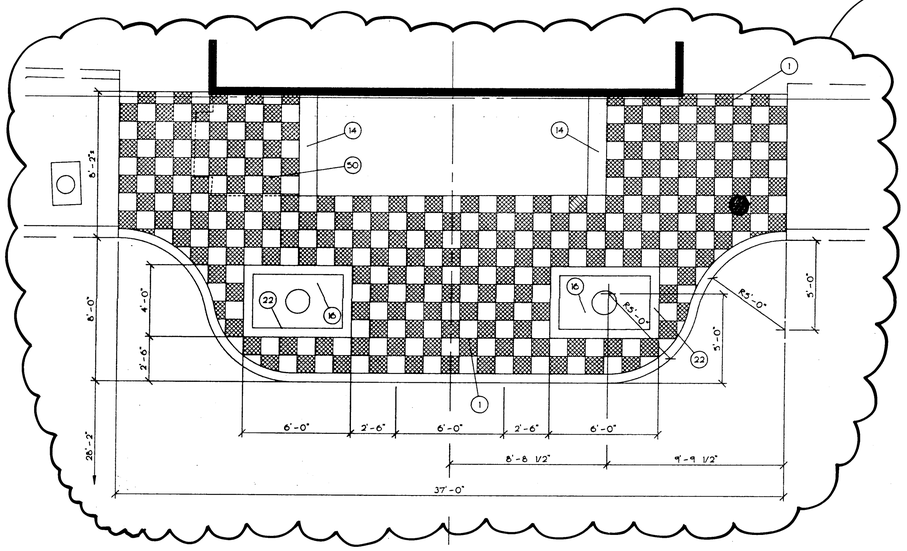
City Project No. 4917.90 | Zone Map No. K14-L14 | Sheet A-8 Of 13

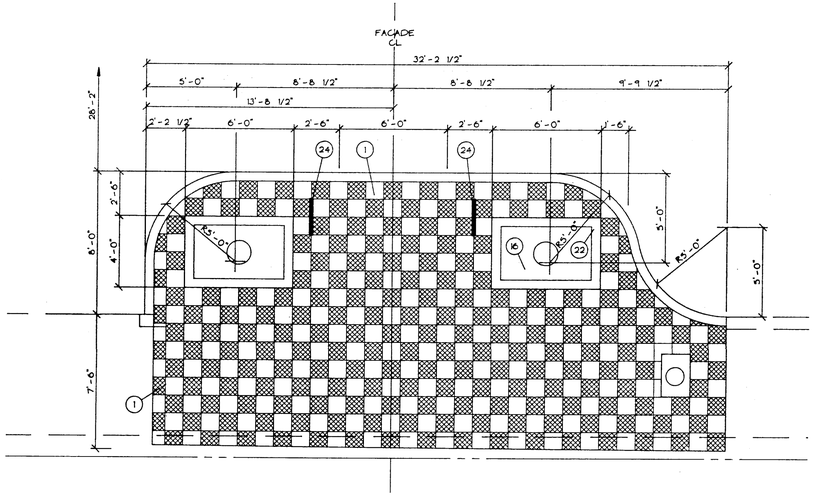
SCANNED BY
BY LASON

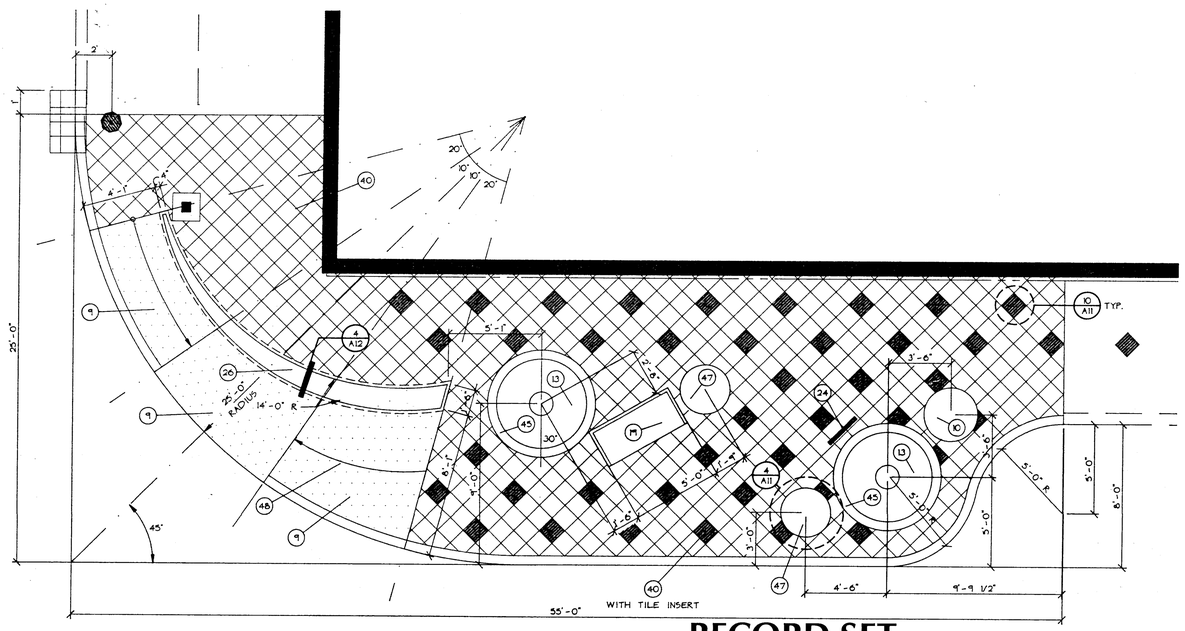
KEYED NOTES

1. PAVING TYPE "A"
9. PAVING TYPE "E"
10. TRASH RECEPTACLE
13. 5' DIAMETER TREE GRATE
14. NEW CONCRETE STEP
16. 4' X 6' TREE GRATE
22. CONCRETE CURB FLUSH WITH WALK - SEE DETAIL 11B/A11
24. BIKE LOOPS - SEE DETAIL 13/A11
26. LOW WALL - SEE DETAIL 4/A12
40. PAVING TYPE "D"
45. COLORED CONCRETE CURB
47. CONCRETE PLANTER
48. RAMP DOWN
50. DEMOLISH 5' OF EXISTING LANDING

SEE ARCHITECT'S REVISIONS DRAWING. EXISTING STEPS DELETED. NEW PAVING ADDED AND MODIFIED TO MEET BUILDING.







1 / A9 Popout At Red Ball Cafe

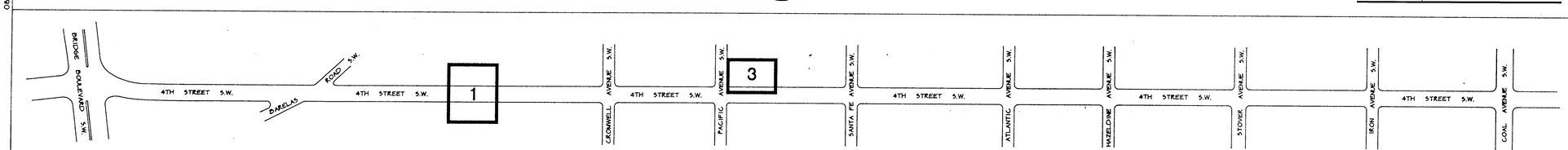
SCALE 1/4" = 1'-0"

3 / A9 Popout At Pacific

SCALE 1/4" = 1'-0"

RECORD SET

May 1, 1997



FOURTH STREET STREETSCAPE KEY

08/30/95

GARRETT SMITH LTD
DESIGN, ARCHITECTURE & DEVELOPMENT

514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4508

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**

BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		6/16/95	
			8/18/95	
			8/30/95	
			10/6/95	

City Project No.	Zone Map No.	Sheet
4917.90	K14-L14	A-9 Of 13

ENGINEER'S SEAL

STATE OF NEW MEXICO
GARY L. SMITH
No. 2013
REGISTERED ARCHITECT

NO.	DATE	ISSUED FOR CONSTRUCTION	BY
	6/15/90	REMARKS	
		REVISIONS	
		DESIGN	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

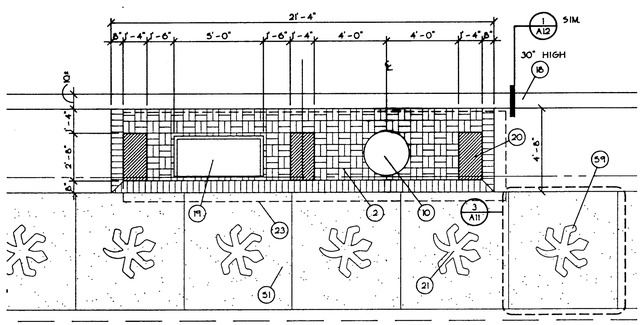
AS-BUILT INFORMATION
CONTRACTOR - JOE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S VERIFICATION BY HEANY & ASSOC. DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 5/97
DRAWINGS CORRECTED BY AUT DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
VOL.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

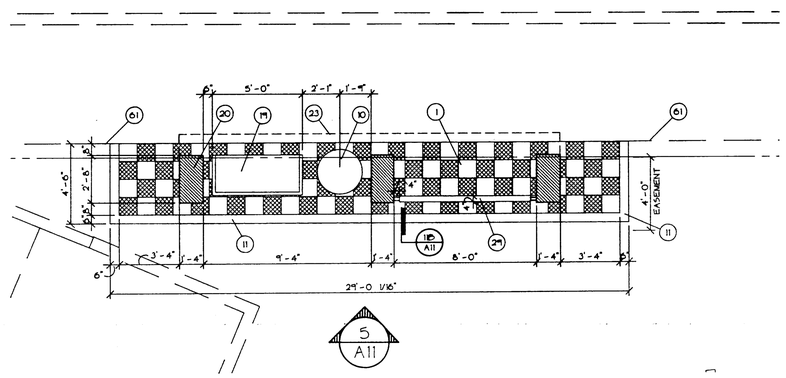
NO.	BY	DATE

SCANNED BY
BY LASON



1 A10 Landscape Easement No. 6 and 7

SCALE 1/4" = 1'-0"

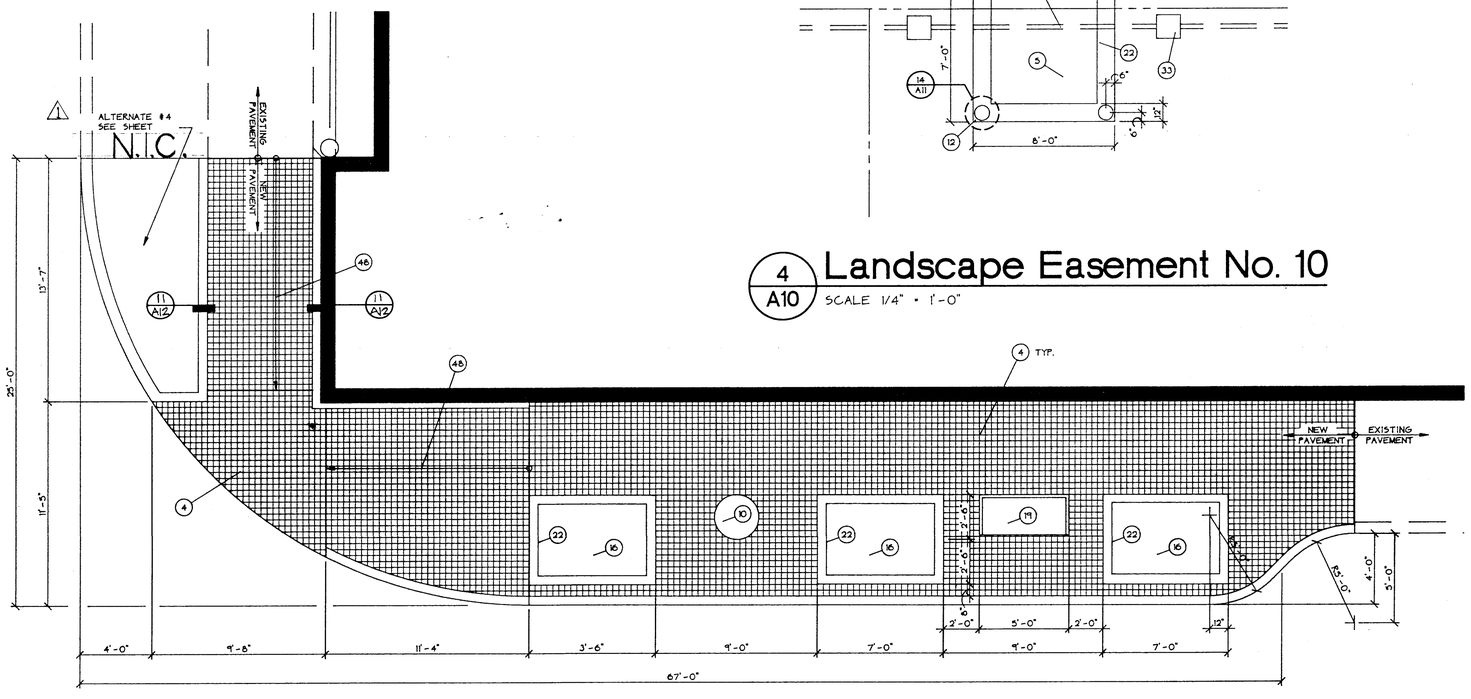


2 A10 Landscape Easement No. 12

SCALE 1/4" = 1'-0"

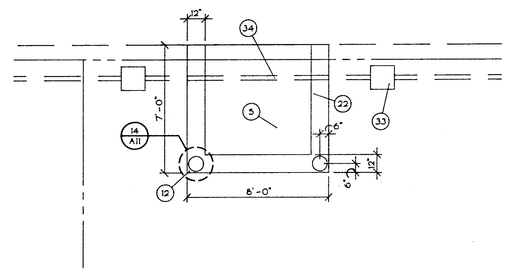
KEYED NOTES

1. PAVING TYPE "A"
2. PAVING TYPE "C"
4. PAVING TYPE "D"
5. BLOCKOUT FOR TREE WELL
9. PAVING TYPE "E"
10. TRASH RECEPTACLE
11. 6" WIDE CONCRETE MOW STRIP - SEE DETAIL 11B/A11
12. 10" DIAMETER BOLLARD - SEE DETAIL 14/A11
16. TREE GRATE
18. 8" CMU WALL W/ STUCCO BOTH SIDES
19. 5' WIDE BENCH
20. PRECAST CONCRETE PIER
21. CONCRETE GECKO PAVER
22. CONCRETE CURB FLUSH WITH WALK
23. EDGE OF ROOF ABOVE - SEE DETAIL 8B/A11
29. MURAL PANEL
33. EXISTING 16" SQUARE PEDESTAL
34. EXISTING FENCE
46. RAMP DOWN
51. NEW CONCRETE WALK
61. LINE OF EXISTING SIDEWALK



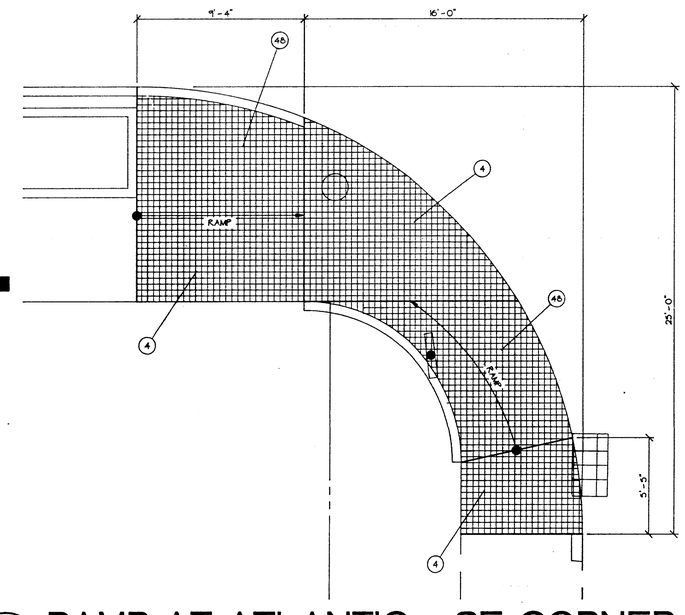
3 A10 Popout At Atlantic

SCALE 1/4" = 1'-0"



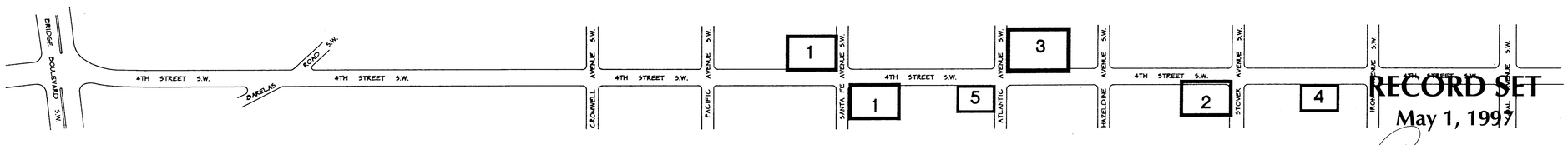
4 A10 Landscape Easement No. 10

SCALE 1/4" = 1'-0"



5 A10 RAMP AT ATLANTIC - SE CORNER

SCALE 1/4" = 1'-0"



FOURTH STREET STREETSCAPE KEY

RECORD SET
May 1, 1997

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR WORK STAKED BY C.D.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Leahy Kennedy DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 8/97
DRAWINGS CORRECTED BY A.U. DATE 9/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
No. 2318
REGISTERED ARCHITECT

NO.	DATE	REVISIONS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

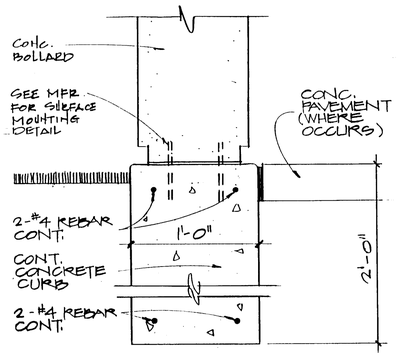
REMARKS
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

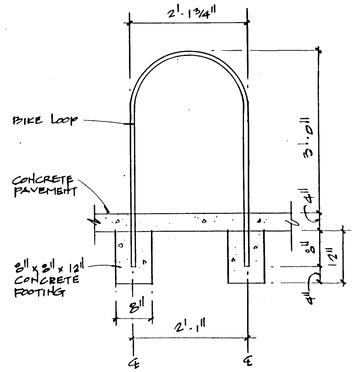
TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		6/16/95	
			8/18/95	
			8/30/95	
			10/6/95	

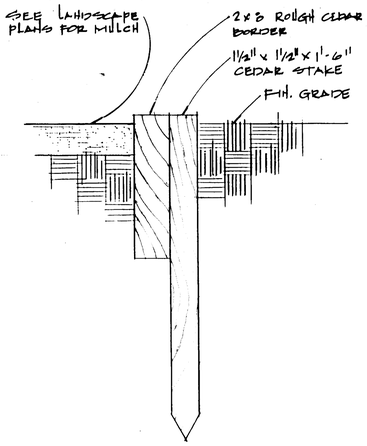
City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-10	13



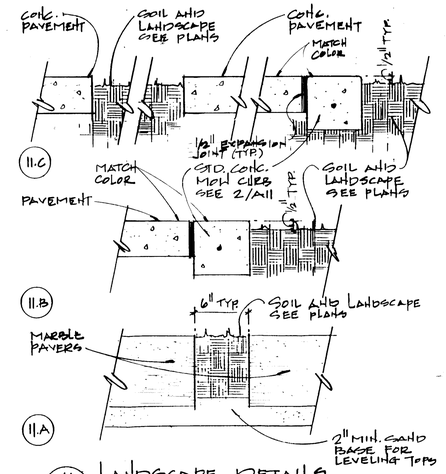
14/A11 Bollard Connection Detail
1 1/2" = 1'-0"



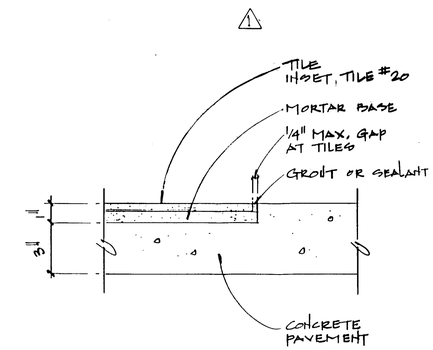
13/A11 Bikerack Anchoring
3/4" = 1'-0"



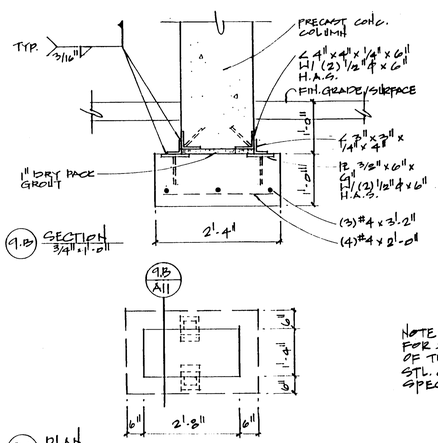
12/A11 Easement Border
3" = 1'-0"



11/A11 Landscape Details
1 1/2" = 1'-0"

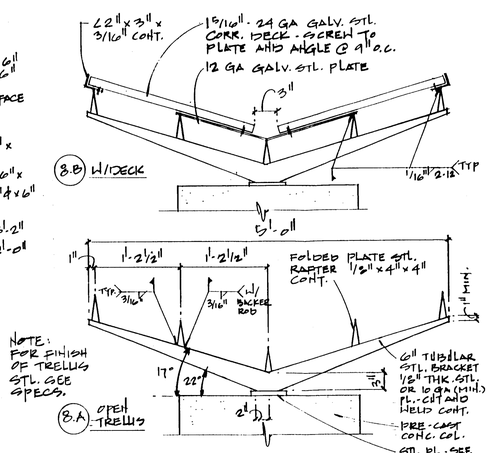


10/A11 Tile Pavement Detail
3" = 1'-0"

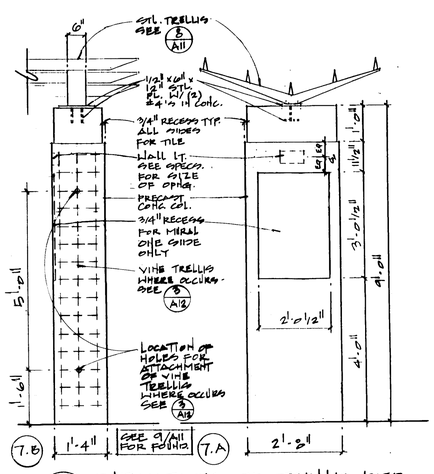


9.B Section 3/4" = 1'-0"
9.A Plan 1/2" = 1'-0"

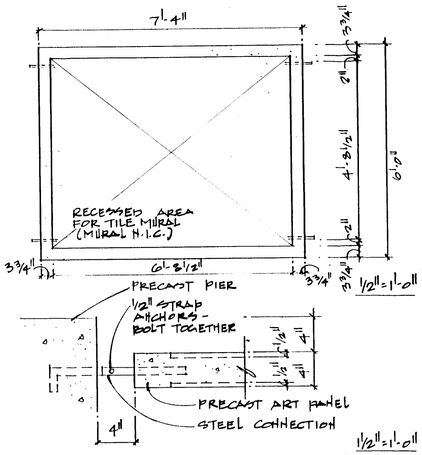
9/A11 Trellis Pier Footing
Scale Varies



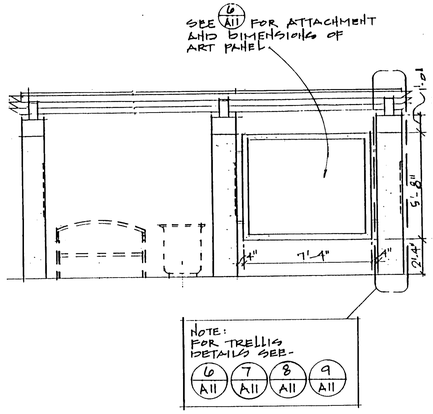
8/A11 Enlarged Elevation of Trellis
1" = 1'-0"



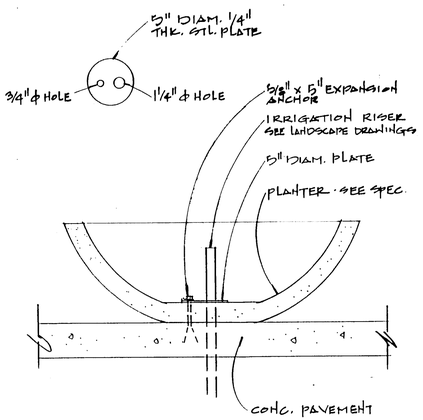
7/A11 Elevations of Trellis Pier
1/2" = 1'-0"



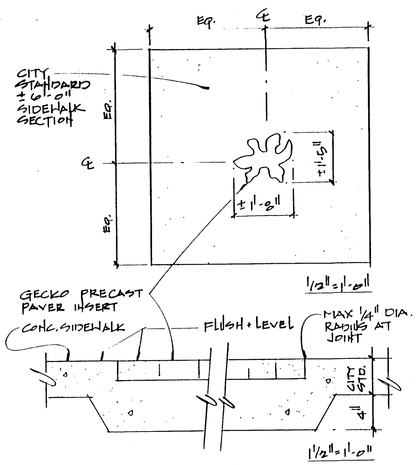
6/A11 Precast Art Panel
Scale Varies
1/2" = 1'-0"



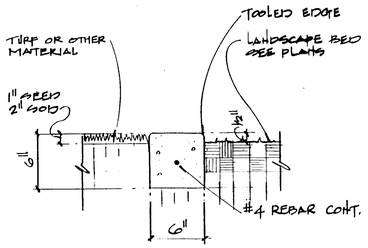
5/A11 Bus Stop Elevation W/ Art Panel
1/4" = 1'-0"



4/A11 Planter Anchoring
1 1/2" = 1'-0"

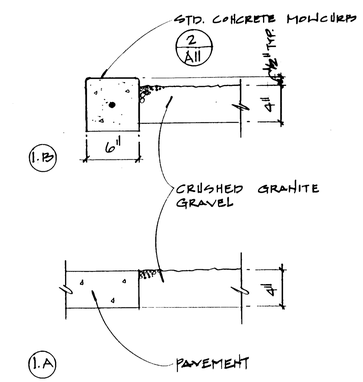


3/A11 Gecko Paver Detail
Scale Varies



- Mowstrip - 4000 PSI concrete
- Subgrade compacted to 95%
- Control Joints @ 5'-0" o.c.
- Expansion Joints @ 20'-0" o.c. - Ehd at other hard surfaces
- Mowstrip level w/ finish grade

2/A11 Typical Mow Curb
1 1/2" = 1'-0"



1/A11 Crushed Granite Path
1 1/2" = 1'-0"

RECORD SET
May 1, 1997

AS-BUILT INFORMATION
Contractor Albuquerque Underground, Inc. Date 4/97
Work Staked by C.D.A. Date 4/97
Inspector Acceptance by Leahy Ramsey Date 4/97
Field Verification by C.D.A. Date 4/97
Drawings Corrected by A.J.T. Date 5/97
MICRO-FILM INFORMATION
Recorded by Date
No.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

SEAL

ENGINEER'S SEAL
State of New Mexico No. 2318 Registered Architect

NO.	DATE	REMARKS	BY
	6/16/94	Issued for Construction	
1	1-22-96	Addendum #1	

REVISIONS
DESIGN
Designed by Date
Drawn by Date
Checked by Date

GARRETT SMITH LTD
Design Architecture & Development
514 Central SW
Albuquerque
New Mexico
87102
505/766-6968
FAX/243-4508

City of Albuquerque
Public Works Department
Engineering Group

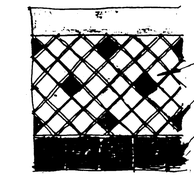
TITLE: **DETAILS**

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

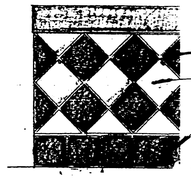
City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-11	13

TTLBLK 08/17/95

SCANNED BY
BY LASON

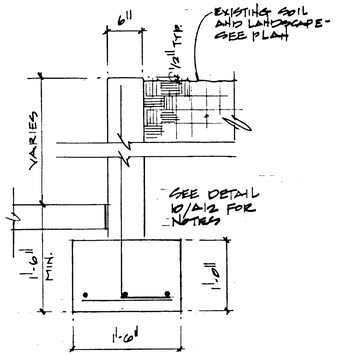


12.B
BENCHES/LOW WALLS AT EASEMENT #2

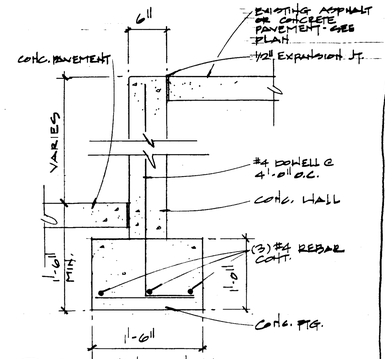


12.A
ALL BENCHES/LOW WALLS EXCEPT EASEMENT #2

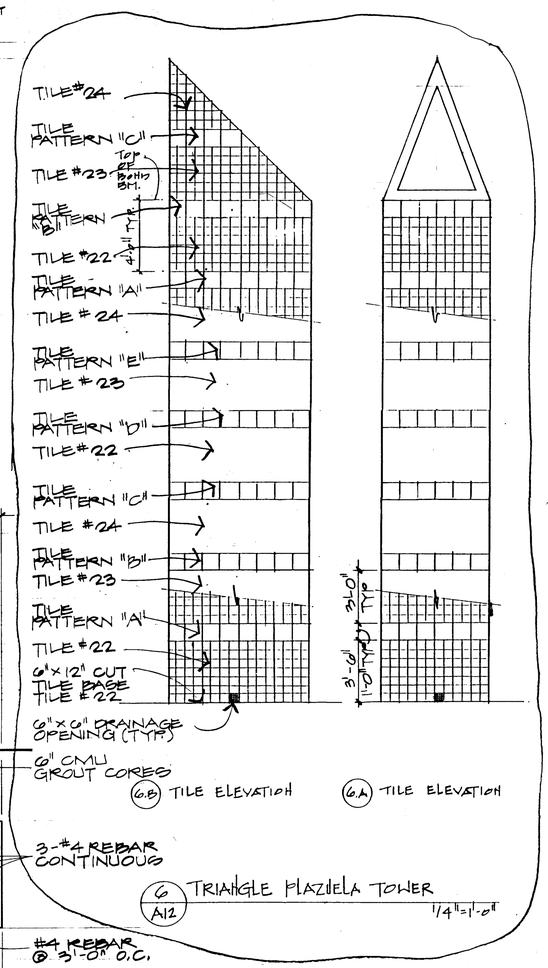
12/A12 TILE PATTERNS
1 1/2" = 1'-0"



11/A12 RETAINING WALL - B
1" = 1'-0"

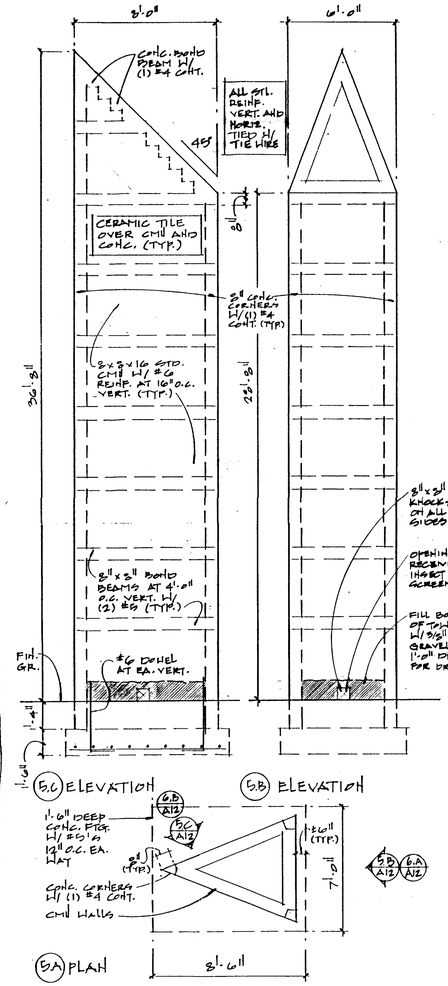


10/A12 RETAINING WALL - A
1" = 1'-0"



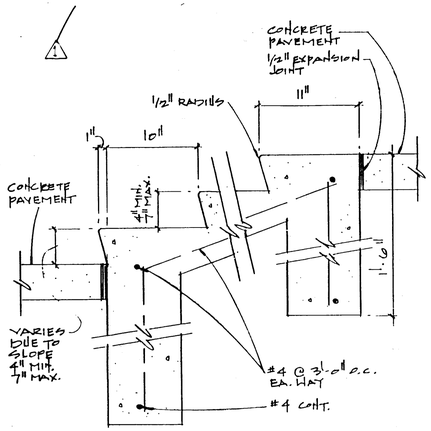
6.B TILE ELEVATION

6.A TILE ELEVATION

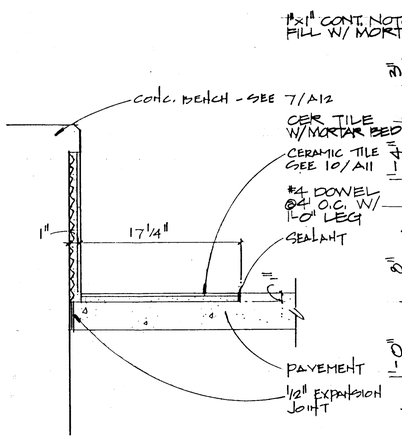


5.C ELEVATION

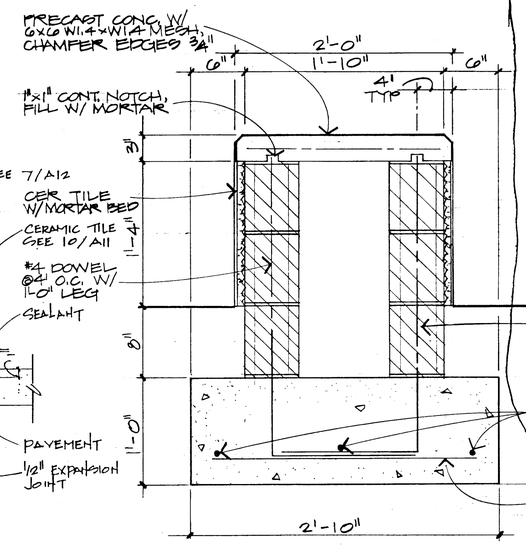
5.B ELEVATION



9/A12 STEPS AT PLAZUELA
1 1/2" = 1'-0"



8/A12 TILE @ PLAZUELA BENCH DETAIL
1 1/2" = 1'-0"



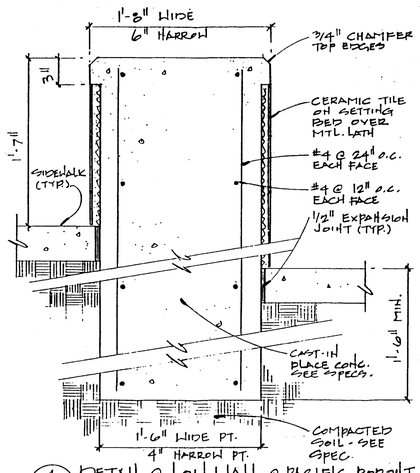
7/A12 LOW WALL/BENCH TYPE A
1 1/2" = 1'-0"

6 TRIANGLE PLAZUELA TOWER
1/4" = 1'-0"

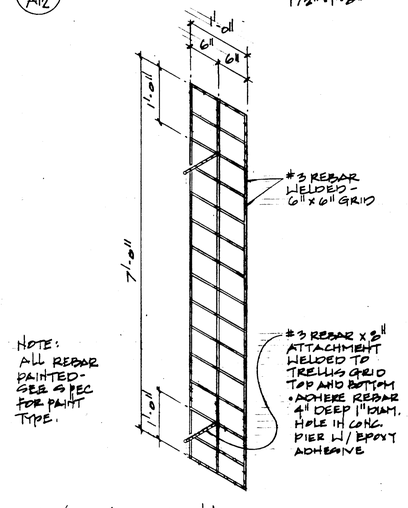
5.C ELEVATION

5.B ELEVATION

5/A12 TRIANGLE PLAZUELA TOWER
1/4" = 1'-0"

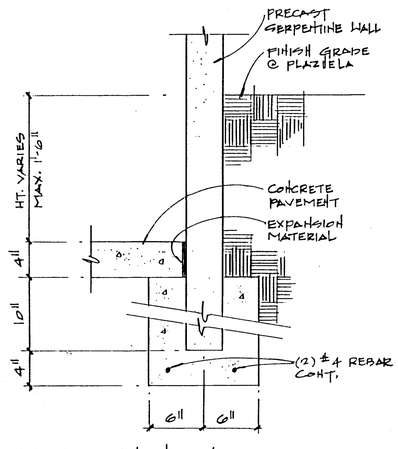


4/A12 DETAIL @ LOW WALL @ PACIFIC POPOUT
1 1/2" = 1'-0"

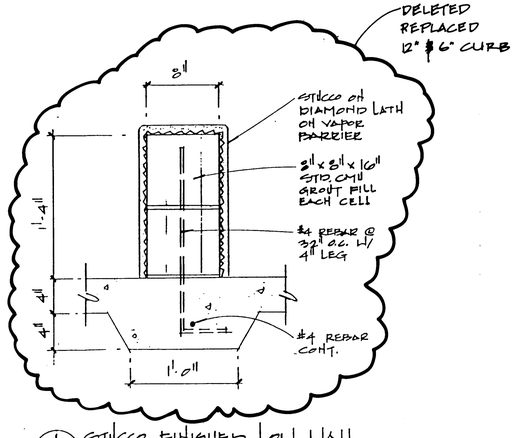


NOTE: ALL REBAR PAINTED - SEE SPEC FOR PAINT TYPE.

3/A12 VINE TRELLIS
3/4" = 1'-0"



2/A12 SERPENTINE WALL DETAIL
1 1/2" = 1'-0"



1/A12 STUCCO FINISHED LOW WALL
1 1/2" = 1'-0"

RECORD SET
May 1, 1997

GARRETT SMITH LTD
DESIGN: ARCHITECTURE & DEVELOPMENT
514 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4508

NO.	DATE	REMARKS
1	6/8/96	ISSUED FOR CONSTRUCTION
2	1/22/96	ADDENDUM #1

REVISIONS

DESIGN — DESIGNED BY — DATE; DRAWN BY — DATE; CHECKED BY — DATE

AS-BUILT INFORMATION
CONTRACTOR ALL WORK SURVEYED BY C.O.A. DATE 9/97
WORK STAKED BY C.O.A. DATE 9/97
INSPECTED BY LEWIN RAMOS DATE 9/97
ACCEPTANCE BY C.O.A. DATE 8/97
FIELD VERIFICATION BY A.U.I. DATE 8/97
DRAWINGS CORRECTED BY MICRO-FILM INFORMATION DATE
RECORDED BY DATE
NO.

SURVEY INFORMATION
BENCH MARKS
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
GARRETT SMITH
No. 2318
REGISTERED ARCHITECT

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

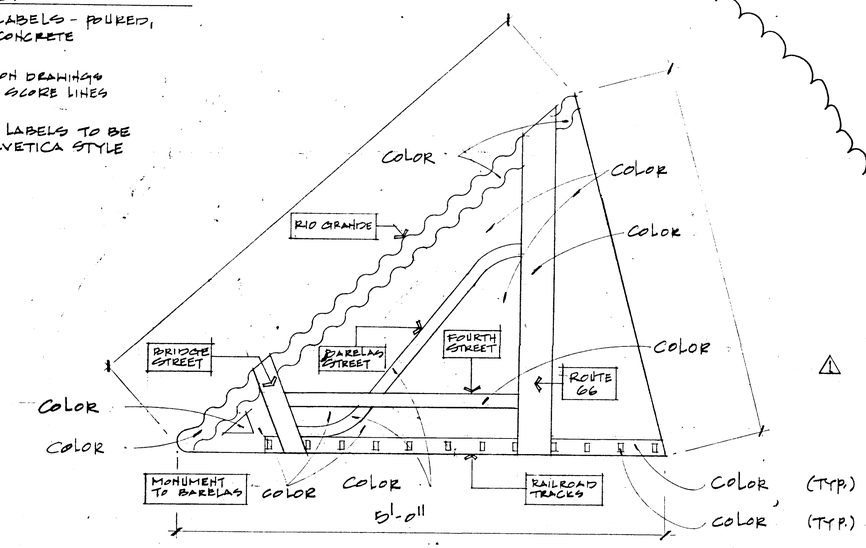
City Project No. 4917.90 | Zone Map No. K14-L14 | Sheet A-12 Of 13

TTLBLK 08/17/95

SCANNED BY BY LASON

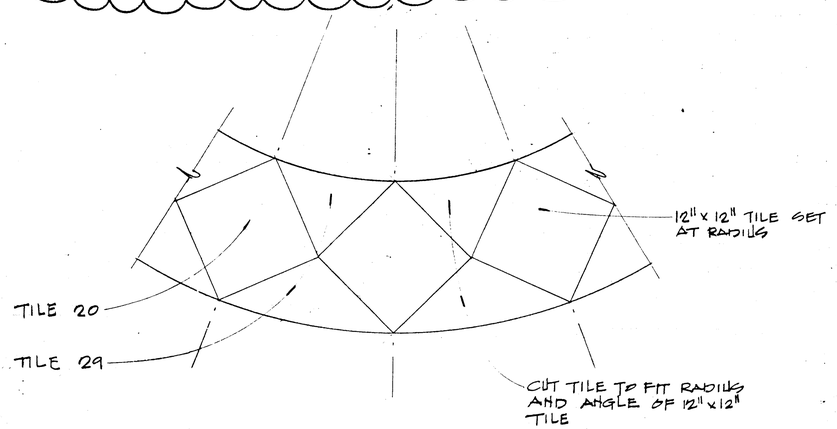
MAP NOTES

1. MAP AND LABELS - POURED, COLORED CONCRETE
2. ALL LINES ON DRAWINGS REPRESENT SCORE LINES
3. LETTERS IN LABELS TO BE 1" HIGH HELVETICA STYLE LETTERS



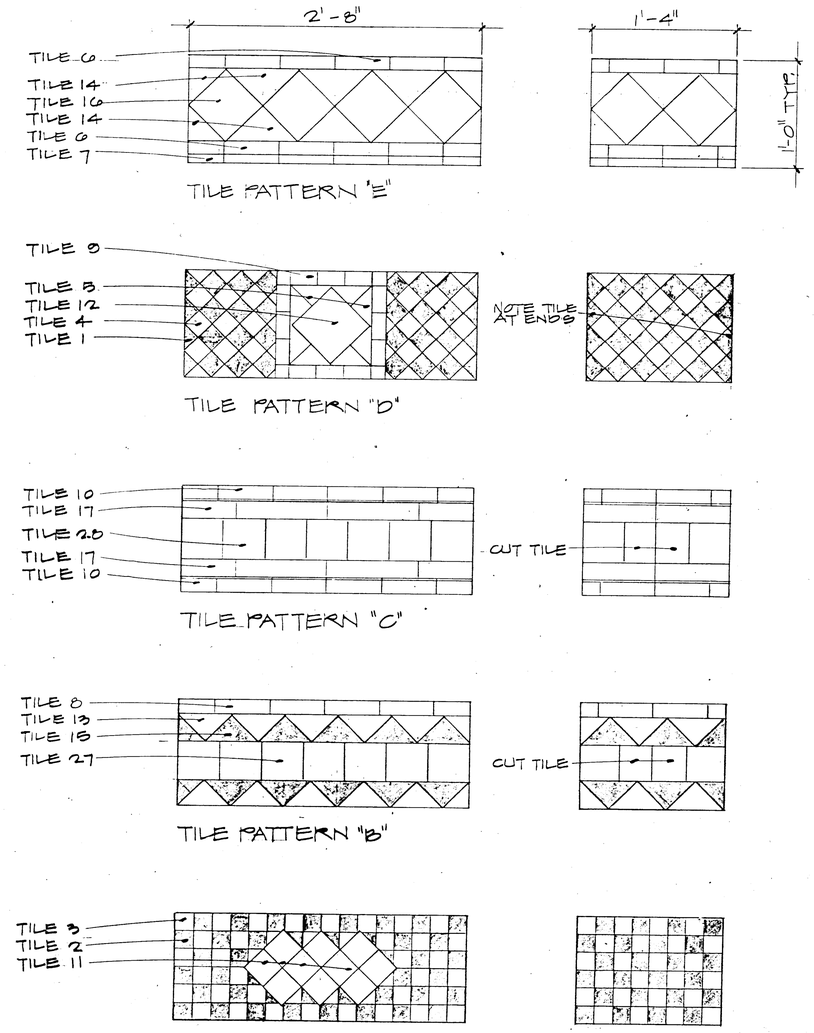
3/A13 PLAZUELA MAP

N.T.S.



2/A13 CIRCULAR TILE LAY-OUT

1 1/2" = 1'-0"



1/A13 PYLON TILE PATTERNS

1 1/2" = 1'-0"

RECORD SET
May 1, 1997

SCANNED BY BY LASON

AS-BUILT INFORMATION
CONTRACTOR [redacted]
WORK STAKED BY L.D.A. DATE 4/97
MAINTENANCE ACCEPTANCE BY Leandy Romero DATE 4/97
FIELD VERIFICATION BY L.D.A. DATE 8/96
DRAWINGS CORRECTED BY AUL DATE 5/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	12/96	CHANGE ORDER NO. 1	
0	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

GARRETT SMITH LTD
DESIGN ARCHITECTURE & DEVELOPMENT
314 CENTRAL SW
ALBUQUERQUE
NEW MEXICO
87102
505/766-6968
FAX/243-4566

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: TILE PATTERNS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	A-13	13

TTLBLK 08/17/95

LA MEXICANA TORTILLA COMPANY

LANDSCAPE EASEMENT #1

DELETE THESE TWO VALVES IF ADDITIVE ALTERNATE NO.1 IS INCLUDED

1-19	
C1	1"
4	

1-20	
C1	1"
6	

WATER LINE INSTALLED AT THIS LOCATION

~~DELETE WATER LINE AT THIS LOCATION IF ADDITIVE ALTERNATE NO.1 IS INCLUDED~~

BRIDGE BOULEVARD S.W.

3-1	
C3	1"
4	

3-2	
C3	1"
6	

3-3	
C3	1"
11	

DID NOT INSTALL W.L. SEE ELECTRICAL

CONTROLLER #3

4TH STREET S.W.

THE PASTRY SHOP

CHANGE IRRIGATION PLAN ADD PAVE.

3-4	
C3	
17	

3-5	
C3	1"
9	

ADDITIVE ALTERNATE NO. 1:

WATER TAP NO.3
4" D.I. WATER LINE
(APPROXIMATE LOCATION ONLY)

1" METER

3-6	
C3	1 1/2"
32	

3-7	
C3	1"
9	

3-8	
C3	1 1/2"
40	

AUTO ALLEY

MATCHLINE

WATER LINE INSTALLED AT THIS LOCATION

~~DELETE MAINLINE AT THIS LOCATION IF ADDITIVE ALTERNATE NO. 1 IS INCLUDED~~

WORK IN THIS AREA IS TO BE INCLUDED AS A PART OF ADDITIVE ALTERNATE NO.1

1 1/4" 1" 2" 1 1/4" 1" 1" 1 1/4" 3/4" 3/4" 3/4"

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
M	1" METER
	FLOW METER BOX WITH COVER & EXTENSIONS
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS
	SPRAY HEADS
A	AIR RELIEF VALVE BOX WITH COVER & EXTENSIONS
	REMOTE CONTROL VALVE BOX WITH COVER & EXTENSIONS
	PRESSURE COMPENSATING BUBBLER
	PRESSURE COMPENSATING BUBBLER
	MAIN IRRIGATION LINE
	LATERAL IRRIGATION LINE
	VALVE NUMBER / VALVE SIZE / CONTROLLER NUMBER / GALLONS PER MINUTE
C1	CONTROLLER-32 STATION SATELLITE
C2	CONTROLLER-8 STATION REMOTE
C3	CONTROLLER-8 STATION REMOTE

SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928
901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

NORTH
0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR
ACCEPTANCE BY Lenny Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.U.T. DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

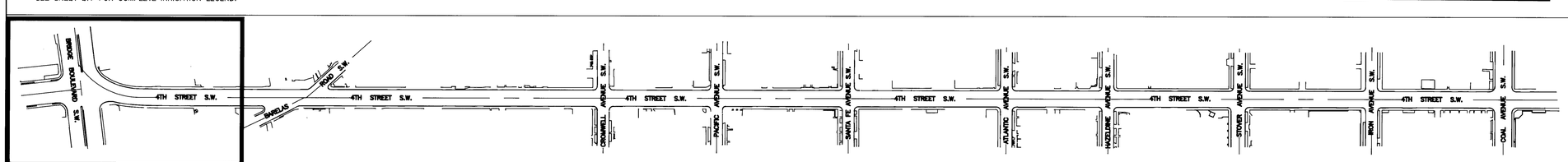
NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGNED BY	WSP	DATE 8-95
DRAWN BY	WBT	DATE 8-95
CHECKED BY	WSP	DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L1	L19

SCANNED BY

THE PASTRY SHOP

APARTMENTS

NICK'S SMALL ENGINE REPAIR

MASTER HOME IMPROVEMENT

MATCHLINE

DELETE MAINLINE AT ALTERNATE NO. 1 IS INCLUDED

LANDSCAPE EASEMENT #2

WATER LINE LOCATED NEAR CURB & GUTTER

WATER LINE RELOCATED

2" DIA. PVC MAINLINE

1-1
C1 1"
5

BARELAS ROAD S.W.

4TH STREET S.W.

FOR IRRIGATION PLAN SEE SHEET L8.

NOTE:
SEE SHEET L8
FOR VALVES
1-2 THROUGH 1-9.
AND FOR IRRIGATION
IMPROVEMENTS IN
THIS AREA

WATERLINE TO SERVE PARK
SEE SHEET L8

CONTROLLER #1

FLOW METER AND BACKFLOW PREVENTION DEVICE

1" METER

WATER TAP NO.1
CONNECT TO EXISTING
8" D.I. WATER LINE
(APPROXIMATE LOCATION ONLY)

BUENO FOODS

MATCHLINE

RESIDENCE

RESIDENCE

APARTMENTS

APARTMENTS

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
M	1" METER
	FLOW METER BOX WITH COVER & EXTENSIONS
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS
	SPRAY HEADS
A	AIR RELIEF VALVE BOX WITH COVER & EXTENSIONS
	REMOTE CONTROL VALVE BOX WITH COVER & EXTENSIONS
	PRESSURE COMPENSATING BUBBLER
	PRESSURE COMPENSATING BUBBLER
	MAIN IRRIGATION LINE
	LATERAL IRRIGATION LINE
	VALVE NUMBER
	VALVE SIZE
	CONTROLLER NUMBER
	GALLONS PER MINUTE
C1	CONTROLLER-32 STATION SATELLITE
C2	CONTROLLER-8 STATION REMOTE
C3	CONTROLLER-8 STATION REMOTE

SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928
901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

NORTH 0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY L.Gandy Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.O.I. DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

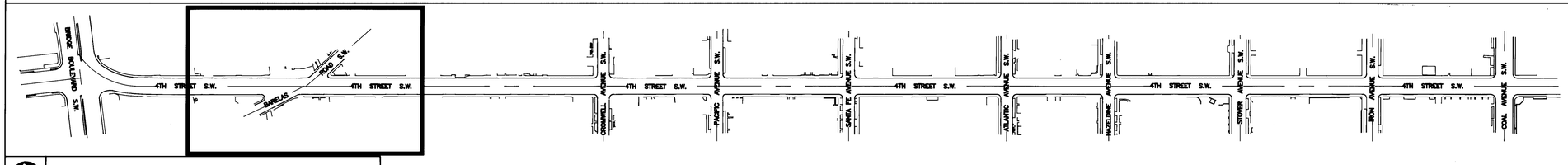
STATE OF NEW MEXICO
WILLIAM B. WEST
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN

DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
B.P.B. 12/21/95	CE 12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L2	L19

SCANNED BY
BY LASON

BUENO FOODS

RESIDENCE

OLD WIMPY'S / RED BALL CAFE

APARTMENTS

RESIDENCE

GARCIA ELECTRO PROFESSIONAL

RESIDENCE

MATCHLINE

LEE'S ELECTRIC MOTOR REPAIR

1–10 | C1 | 1" | 4

WATER LINE RELOCATED

WATER LINE LOCATED NEAR CURB & GUTTER

4TH STREET S.W.

NOTE: VALVES LOCATED IN PAVED AREAS ARE TO BE SET INSIDE THE STANDARD CITY OF ALBUQUERQUE METER BOX PER STANDARD COA DETAIL 2367.

LANDSCAPE EASEMENT #3

2" DIA. PVC MAINLINE

RELOCATED WATER LINE

1–13 | C1 | 1" | 6

1–14 | C1 | 1" | 11

NOTE: LOCATE VALVES WITHIN PLANTING AREAS

LANDSCAPE EASEMENT #4 RELOCATED TO 4" @ IRON

LANDSCAPE EASEMENT #4

CROMWELL AVENUE S.W.

LA FIESTA RESTAURANT

RESIDENCE

VACANT

1–11 | C1 | 1" | 6

1–12 | C1 | 1" | 6

NOTE: LOCATE VALVES WITHIN PLANTING AREAS

VACANT

VACANT

MATCHLINE

V AND C TRANSMISSION REPAIR

RESIDENCE

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
M	1" METER
	FLOW METER BOX WITH COVER & EXTENSIONS
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS
	SPRAY HEADS
A	AIR RELIEF VALVE BOX WITH COVER & EXTENSIONS
	REMOTE CONTROL VALVE BOX WITH COVER & EXTENSIONS
	PRESSURE COMPENSATING BUBBLER
	PRESSURE COMPENSATING BUBBLER
	MAIN IRRIGATION LINE
	LATERAL IRRIGATION LINE
	VALVE NUMBER / VALVE SIZE / CONTROLLER NUMBER / GALLONS PER MINUTE
C1	CONTROLLER–32 STATION SATELLITE
C2	CONTROLLER–8 STATION REMOTE
C3	CONTROLLER–8 STATION REMOTE

SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

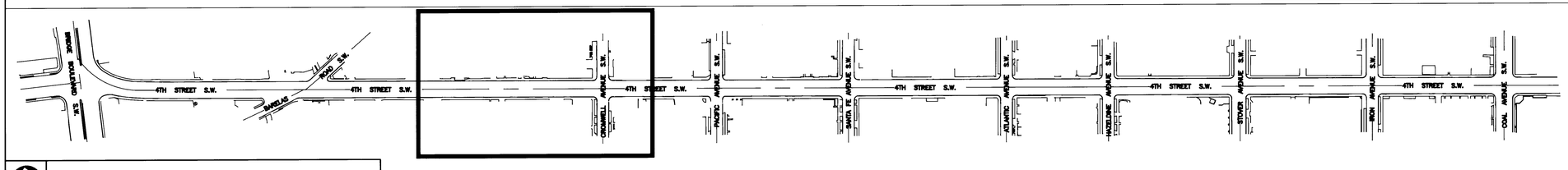
IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
901 W San Mateo Suite L Santa Fe, NM 87505 (505) 982-8399

NORTH
0 10' 20' 40'
SCALE: 1"=20'-0"



FOURTH STREET STREETSCAPE KEY

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO — WILLIAM S. PERKINS — REGISTERED LANDSCAPE ARCHITECT — 45

ISSUED FOR CONSTRUCTION
NO. | DATE | REMARKS | BY
6/18/96
REVISIONS
DESIGN
DESIGNED BY WSP — DATE 8–95
DRAWN BY WBT — DATE 8–95
CHECKED BY WSP — DATE 10–26–95

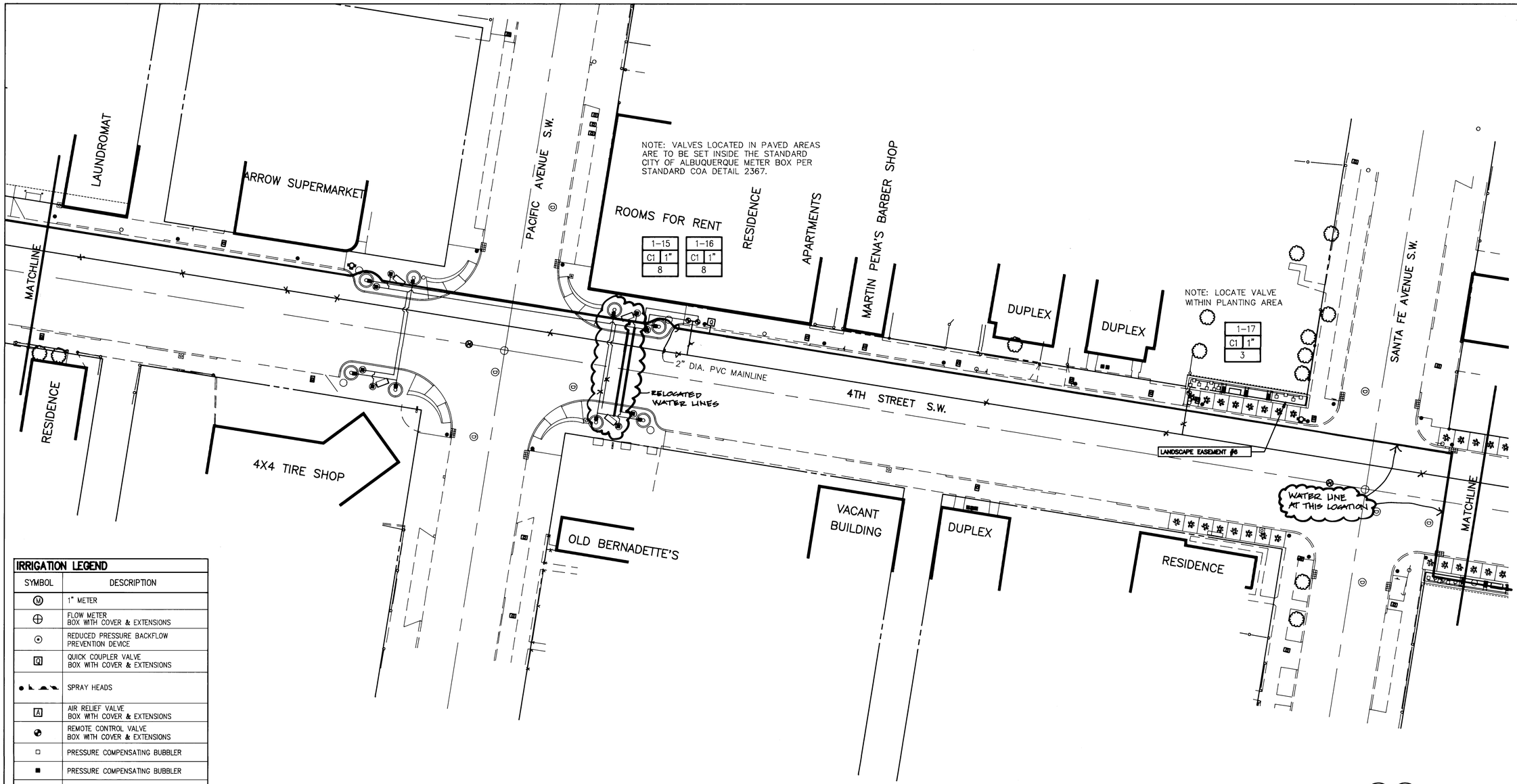
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14–L14	L3	L19

SCANNED BY BY LASON



IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
M	1" METER
	FLOW METER BOX WITH COVER & EXTENSIONS
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS
	SPRAY HEADS
A	AIR RELIEF VALVE BOX WITH COVER & EXTENSIONS
	REMOTE CONTROL VALVE BOX WITH COVER & EXTENSIONS
	PRESSURE COMPENSATING BUBBLER
	PRESSURE COMPENSATING BUBBLER
	MAIN IRRIGATION LINE
	LATERAL IRRIGATION LINE
	VALVE NUMBER
	VALVE SIZE
	CONTROLLER NUMBER
	GALLONS PER MINUTE
C1	CONTROLLER-32 STATION SATELLITE
C2	CONTROLLER-8 STATION REMOTE
C3	CONTROLLER-8 STATION REMOTE

SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
901 W San Mateo Suite L Santa Fe, NM 87505 (505) 982-8399

NORTH 0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR [redacted] DATE 4/97
WORK STAKED BY C.O.A. DATE 4/97
SUBSTANTIAL COMPLETION ACCEPTANCE BY LENNY ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 3/97
DRAWINGS CORRECTED BY A.U.E. DATE 8/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

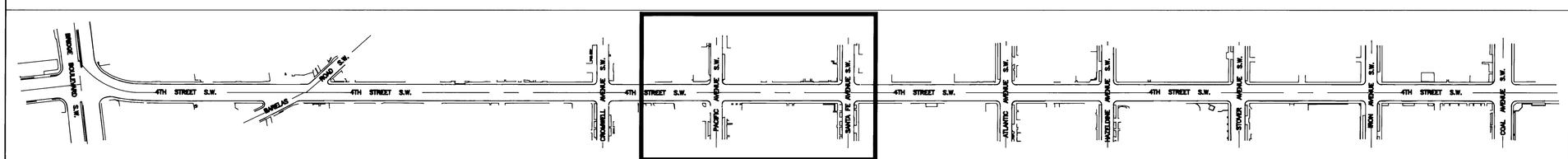
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO WILLIAM S. OKUMA REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
6/18/96		ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L4	L19

SCANNED BY
BY LASON

SOUTH CITY PAINT AND BODY SHOP

ASAP SPORTPRINT

THE POTTER'S HOUSE

MATCHLINE

2" DIA. PVC MAINLINE

RELOCATED (SEE PREVIOUS PAGE)

LANDSCAPE EASEMENT #7

WATER LINE AT THIS LOCATION

4TH STREET S.W.

DELETED

ATLANTIC AVENUE S.W.

WATER LINE RELOCATED

NEW WATER LINE

NOTE: VALVES LOCATED IN PAVED AREAS ARE TO BE SET INSIDE THE STANDARD CITY OF ALBUQUERQUE METER BOX PER STANDARD COA DETAIL 2367.

ALBUQUERQUE MATTRESS

2–1	
C2	1"
13	

NOTE:
LOCATE AIR RELIEF VALVE AND QUICK COUPLER VALVE IN SAME BOX WITH REMOTE CONTROL VALVE

B. RUPPE DRUGS

IMPROVEME
THIS AREA
INCLUDED
OF ADDITI
NO. 3.

1–18	
C1	1"
4	

NOTE:
LOCATE AIR RELIEF VALVE AND QUICK COUPLER VALVE IN SAME BOX WITH REMOTE CONTROL VALVE

R. DAMIAN VELASQUEZ

BARELAS COFFEE HOUSE BURRITO STOP

IVES FLOWERS

CRISTY RECORDS

2" DIA. PVC MAINLINE

NOTE:
ADJUST LATERAL LINE LOCATION AS REQUIRED WITH RESPECT TO EXISTING VAULT LOCATION

WATER LINE AT THIS LOCATION (NEAR CURB & GUTTER)

RESIDENCE

MATCHLINE

2–2	
C2	1"
2	

NOTE: I
WITHIN

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
M	1" METER
	FLOW METER BOX WITH COVER & EXTENSIONS
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS
	SPRAY HEADS
A	AIR RELIEF VALVE BOX WITH COVER & EXTENSIONS
	REMOTE CONTROL VALVE BOX WITH COVER & EXTENSIONS
	PRESSURE COMPENSATING BUBBLER
	PRESSURE COMPENSATING BUBBLER
	MAIN IRRIGATION LINE
	LATERAL IRRIGATION LINE
	VALVE NUMBER / VALVE SIZE / CONTROLLER NUMBER / GALLONS PER MINUTE
C1	CONTROLLER–32 STATION SATELLITE
C2	CONTROLLER–8 STATION REMOTE
C3	CONTROLLER–8 STATION REMOTE

SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET

May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928
901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

NORTH
0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION

CONTRACTOR NO.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEANN Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY AUI DATE 5/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

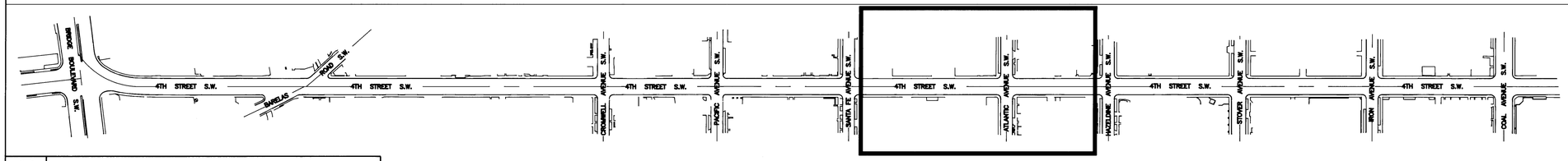
NO.	DATE	ISSUED FOR CONSTRUCTION	BY
	6/18/96		

REMARKS

REVISIONS

DESIGN

DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

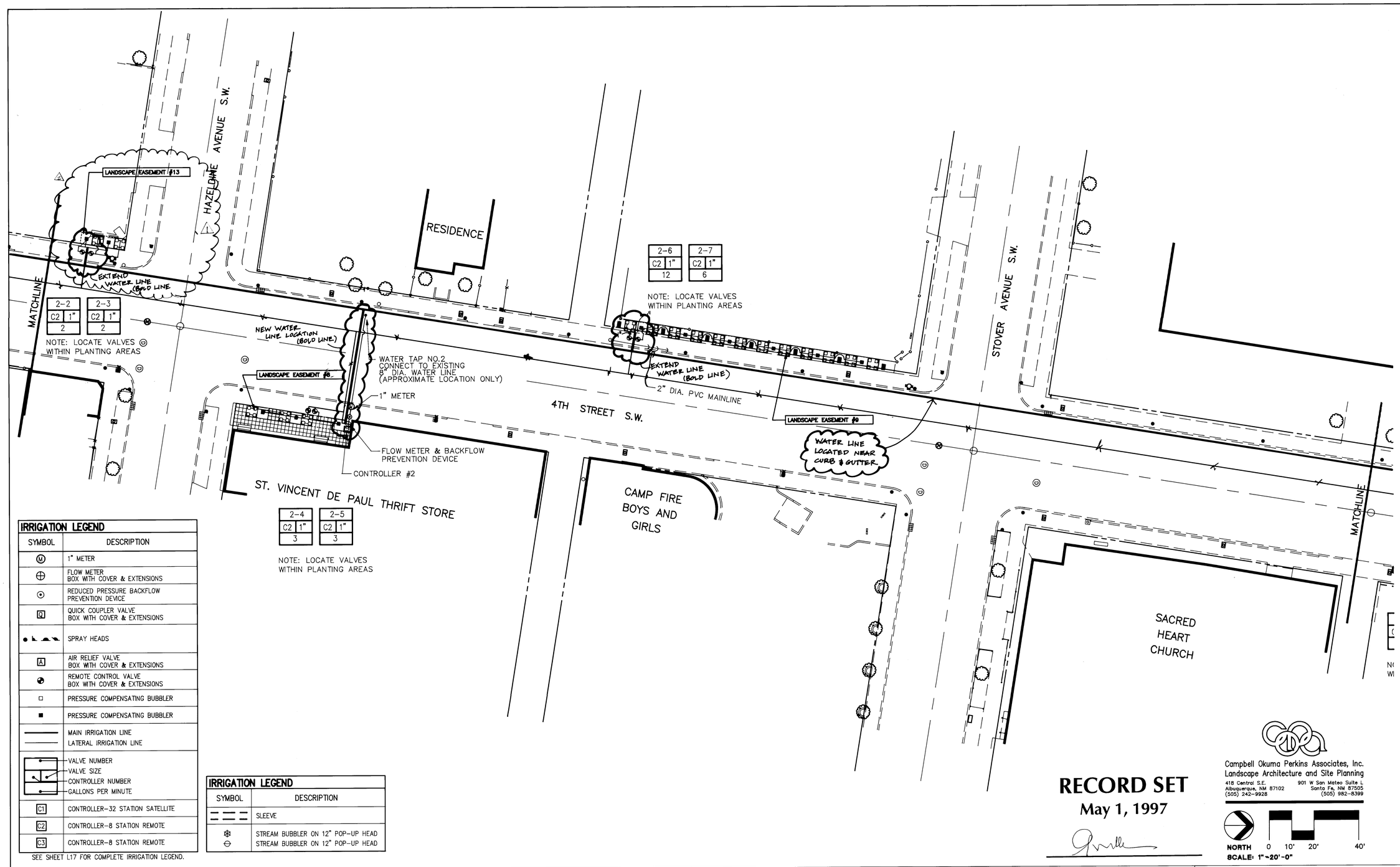
SCANNED BY BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L5	L19



IRRIGATION LEGEND

SYMBOL	DESCRIPTION
M	1" METER
	FLOW METER BOX WITH COVER & EXTENSIONS
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS
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SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
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NORTH
0 10' 20' 40'
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AS-BUILT INFORMATION
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WORK STAKED BY C.D.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Lenny Romero DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 8/97
DRAWINGS CORRECTED BY AUT DATE 8/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

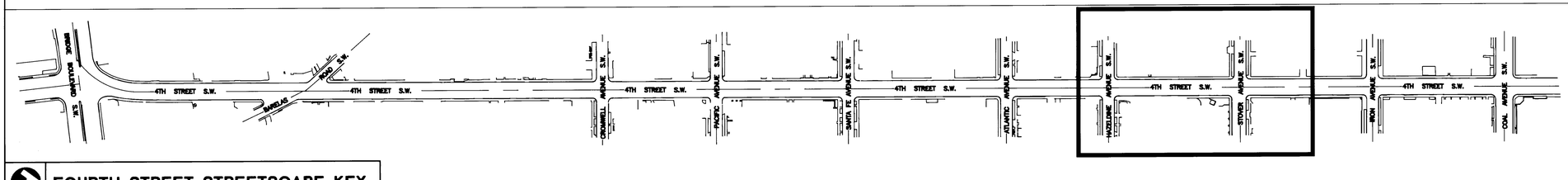
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO WILLIAM S. PERKINS REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
1	7/22/96	CHANGE ORDER NO 1	
0	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10/16-95



FOURTH STREET STREETSCAPE KEY

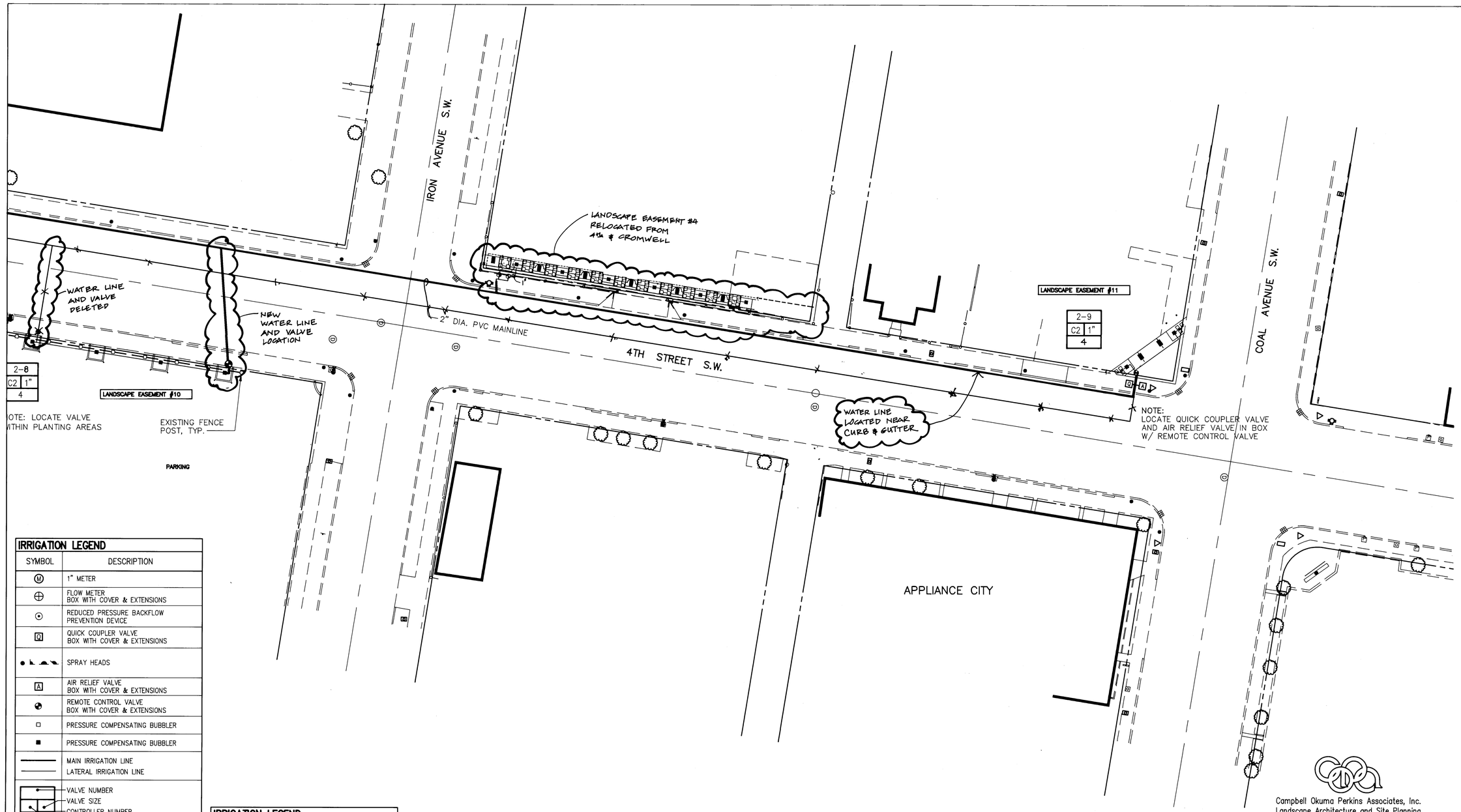
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L6	L19

SCANNED BY
BY LASON



IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
M	1" METER
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	PRESSURE COMPENSATING BUBBLER
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	MAIN IRRIGATION LINE
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	VALVE NUMBER VALVE SIZE CONTROLLER NUMBER GALLONS PER MINUTE
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SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET
May 1, 1997

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Landscape Architecture and Site Planning
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(505) 982-8399

NORTH 0 10' 20' 40'
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AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY L.D.A. DATE 4/97
INSPECTED BY DATE 4/97
ACCEPTANCE BY Lenny Romero DATE 4/97
FIELD VERIFICATION BY L.D.A. DATE 8/97
DRAWINGS CORRECTED BY A.O.T. DATE 1/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

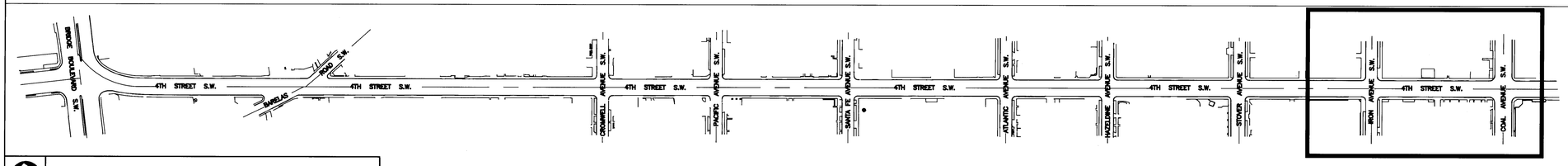
NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM J. PERKINS
REGISTERED LANDSCAPE ARCHITECT
NO. 55

NO.	DATE	REMARKS	BY
6	6/19/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

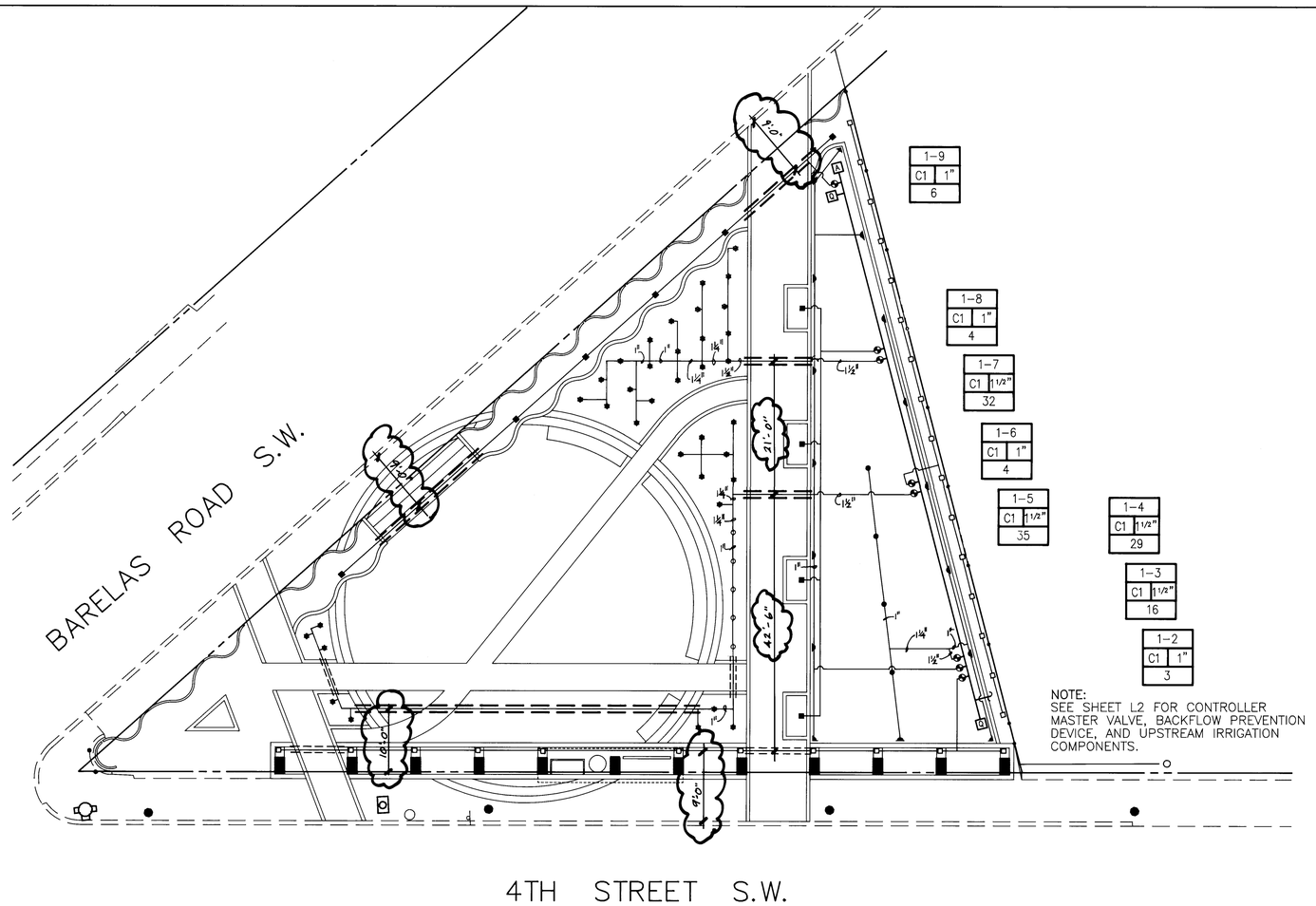
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	CE 12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L7	L19

SCANNED BY
BY LASON



IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
M	1" METER
	FLOW METER BOX WITH COVER & EXTENSIONS
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS
	SPRAY HEADS
A	AIR RELIEF VALVE BOX WITH COVER & EXTENSIONS
	REMOTE CONTROL VALVE BOX WITH COVER & EXTENSIONS
	PRESSURE COMPENSATING BUBBLER
	PRESSURE COMPENSATING BUBBLER
	MAIN IRRIGATION LINE
	LATERAL IRRIGATION LINE
	VALVE NUMBER VALVE SIZE CONTROLLER NUMBER GALLONS PER MINUTE
C1	CONTROLLER-32 STATION SATELLITE
C2	CONTROLLER-8 STATION REMOTE
C3	CONTROLLER-8 STATION REMOTE

SEE SHEET L17 FOR COMPLETE IRRIGATION LEGEND.

IRRIGATION LEGEND	
SYMBOL	DESCRIPTION
	SLEEVE
	STREAM BUBBLER ON 12" POP-UP HEAD
	STREAM BUBBLER ON 12" POP-UP HEAD

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928
901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

NORTH
SCALE: 1"=10'-0"
0 5' 10' 20'

AS-BUILT INFORMATION
CONTRACTOR: C.O.A. DATE 4/97
WORK STAKED BY: INSPECTOR: DATE 4/97
ACCEPTANCE BY: Lenny Romero DATE 4/97
VERIFICATION BY: C.O.A. DATE 8/97
DRAWINGS CORRECTED BY: AUI DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

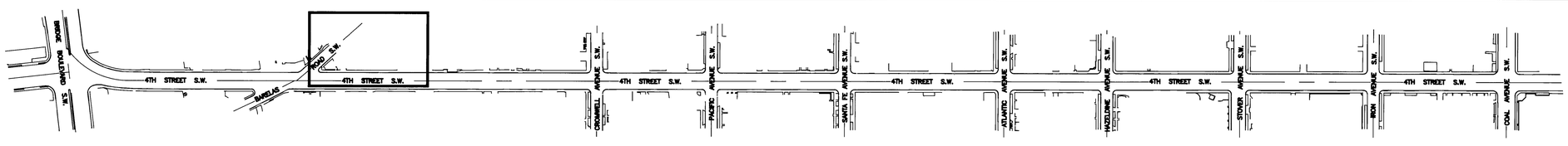
NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM E. FERRONE
REGISTERED LANDSCAPE ARCHITECT
95

NO.	DATE	REMARKS
1	6/18/96	ISSUED FOR CONSTRUCTION

REVISIONS

DESIGN		
DESIGNED BY	WSP	DATE 8-95
DRAWN BY	WBT	DATE 8-95
CHECKED BY	WSP	DATE 1046-95



FOURTH STREET STREETSCAPE KEY

SCANNED BY
BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/2/95	12/2/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L8	L19

LA MEXICANA TORTILLA COMPANY

LANDSCAPE EASEMENT #1

GRAVEL MULCH. TYPICAL PER EACH PLANTING AREA.

TYPE B LANDSCAPE. SEE DETAIL 6/L19
6-5X5 SQUARES

4-RA

LIGHTING. SEE LIGHTING PLAN.

BRIDGE BOULEVARD S.W.

AC-ANNUAL COLOR THROUGHOUT PLANTER BED. 4" POTS. PLANTS ARE TO BE LOCATED APPROXIMATELY EQUIDISTLY FROM IRIGATION BUBBLER 4 PLANTS PER BUBBLER

4TH STREET S.W.

THE PASTRY SHOP

MATCHLINE

GRAVEL MULCH, TYP.

37-HS @ 5' O.C. POSITION PLANTS AT THE BASE OF FENCE. TYP.

59-CT, ONE PER BUBBLER. SEE DETAIL 8/L19

AUTO ALLEY

GRAVEL MULCH TYP.

BC NOTE: ALIGN TREES AND POSITION SO THAT TREES ARE 24' O.C. EAST-WEST AND 22' O.C. NORTH-SOUTH.

SOD

SOD

GRAVEL MULCH, TYP.

WORK IN THIS AREA IS TO BE INCLUDED AS A PART OF ADDITIVE ALTERNATE NO.1

N.I.C. 1

RECORD SET
May 1, 1997

PLANT LEGEND		
SYMBOL		COMMON NAME
IC		ITALIAN CYPRESS
PCC		CHANTICLEER PEAR
RA		RAYWOOD ASH
GRT		GOLDENRAIN TREE
CP		CHINESE PISTACHE
NMO		NEW MEXICO OLIVE
AS		AUTUMN SAGE
PS		PRARIE SAGE
BF		BLUE FESCUE
S		SANTOLINA
CC		COMPACT CHAMISA
HS		HALLS HONEYSUCKLE
TV		TRUMPET VINE
RC		BECHTEL CRABAPPLE
DW		DESERT WILLOW
DY		DATIL YUCCA
OLC		OUR LORDS CANDLE
CB		COYOTE BUSH
BP		BIRD OF PARADISE BUSH
SOD		BUFFALO/BLUE GRAMMA SOD
CT		CREEPING THYME
WC		WESTERN CATALPA
AC		ANNUAL COLOR

SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
--	ARP ROSEMARY
--	ENGLISH LAVENDAR
--	ST. JOHNS WORT
--	DARK KNIGHT BLUE BEARD
--	PRAPIE SAGE
--	MEXICAN EVENING PRIMROSE
--	AUTUMN SAGE
--	COREOPSIS

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NORTH
0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR: [illegible]
STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEWAY Ramos DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 9/97
PLAN MARKUP CORRECTED BY AUT DATE 9/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

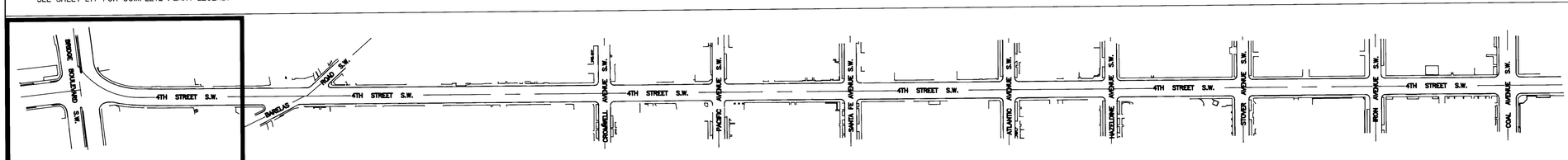
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL

NO.	DATE	REMARKS	BY
1	6/10/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGNED BY	WSP	DATE 8-95
DRAWN BY	WBT	DATE 8-95
CHECKED BY	WSP	DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

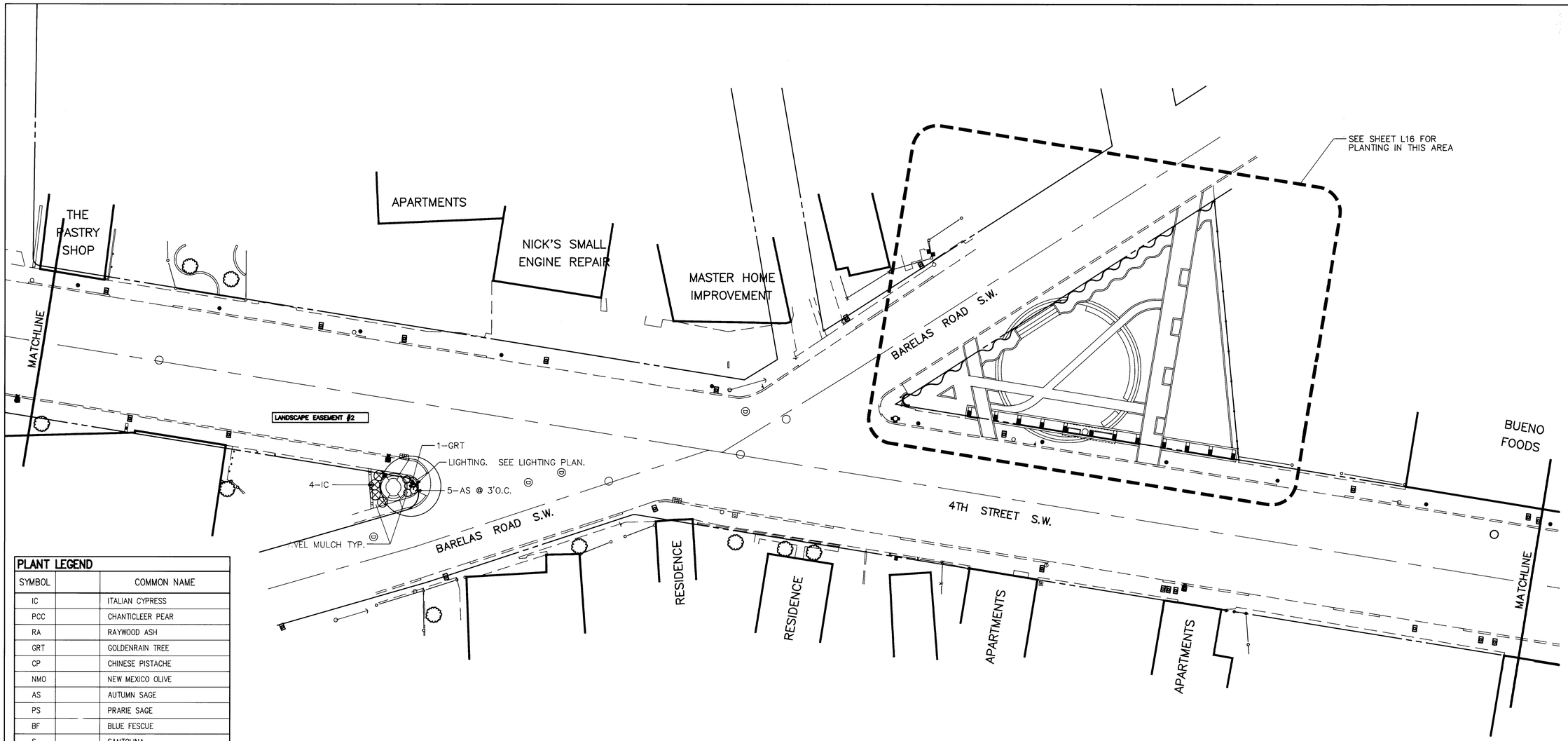
SCANNED BY BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L9	L19



PLANT LEGEND		
SYMBOL		COMMON NAME
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PCC		CHANTICLEER PEAR
RA		RAYWOOD ASH
GRT		GOLDENRAIN TREE
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BF		BLUE FESCUE
S		SANTOLINA
CC		COMPACT CHAMISA
HS		HALLS HONEYSUCKLE
TV		TRUMPET VINE
BC		BECHTEL CRABAPPLE
DW		DESERT WILLOW
DY		DATIL YUCCA
OLC		OUR LORDS CANDLE
CB		COYOTE BUSH
BP		BIRD OF PARADISE BUSH
SOD		BUFFALO/BLUE GRAMMA SOD
CT		CREEPING THYME
WC		WESTERN CATALPA
AC		ANNUAL COLOR

SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
–	ARP ROSEMARY
–	ENGLISH LAVENDAR
–	ST. JOHNS WORT
–	DARK KNIGHT BLUE BEARD
–	PRAPIE SAGE
–	MEXICAN EVENING PRIMROSE
–	AUTUMN SAGE
–	COREOPSIS

RECORD SET
May 1, 1997

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901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

NORTH
0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR C.O.A. DATE 4/97
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LENNY ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY ADT DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

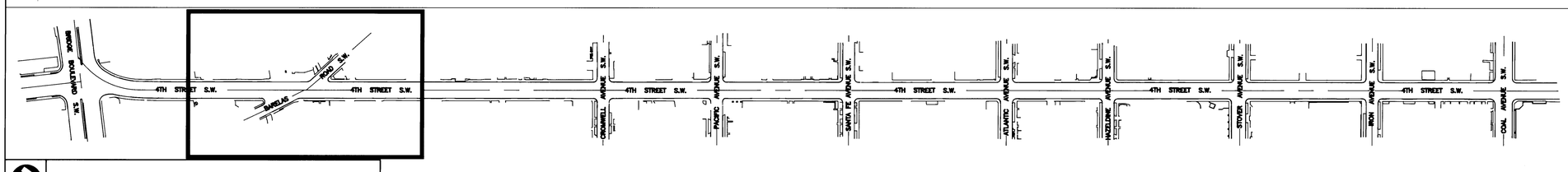
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM S. PERKINS
No. 95
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	ISSUED FOR CONSTRUCTION	BY
	6/18/90	REMARKS	
		REVISIONS	
		DESIGN	

DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

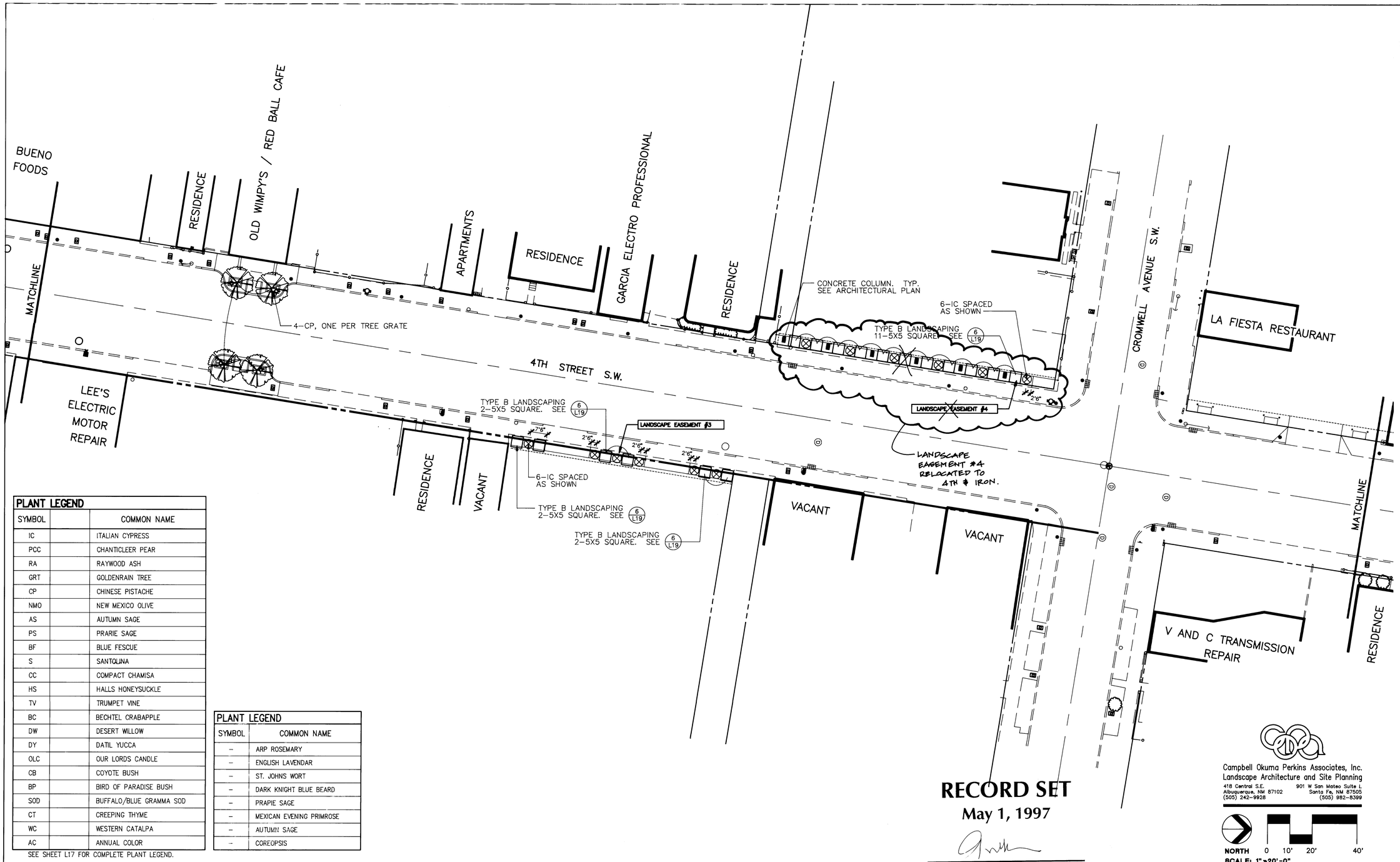
SCANNED BY
BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
B.G.B. 12/21/95	CE 12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L10	L19



PLANT LEGEND		
SYMBOL		COMMON NAME
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HS		HALLS HONEYSUCKLE
TV		TRUMPET VINE
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SOD		BUFFALO/BLUE GRAMMA SOD
CT		CREEPING THYME
WC		WESTERN CATALPA
AC		ANNUAL COLOR

SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
–	ARP ROSEMARY
–	ENGLISH LAVENDAR
–	ST. JOHNS WORT
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–	PRAPIE SAGE
–	MEXICAN EVENING PRIMROSE
–	AUTUMN SAGE
–	COREOPSIS

RECORD SET
May 1, 1997

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Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
901 W San Mateo Suite L Santa Fe, NM 87505 (505) 982-8399

NORTH
SCALE: 1"=20'-0"
0 10' 20' 40'

AS-BUILT INFORMATION
CONTRACTOR [redacted]
WORK STAKED BY C.O.A. DATE 4/97
INSPECTED BY
ACCEPTANCE BY LENNY ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY AVT DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

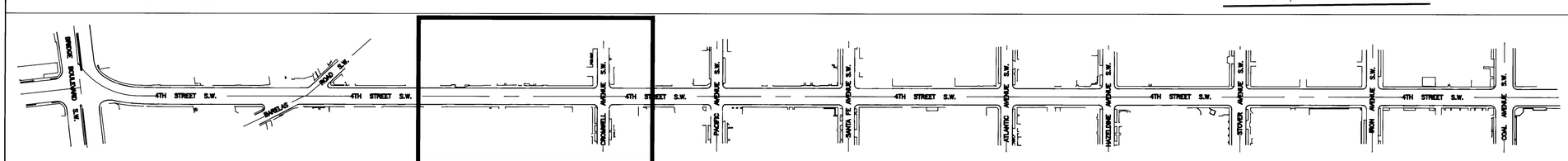
NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM B. POLLARD
LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
6/19/96		ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

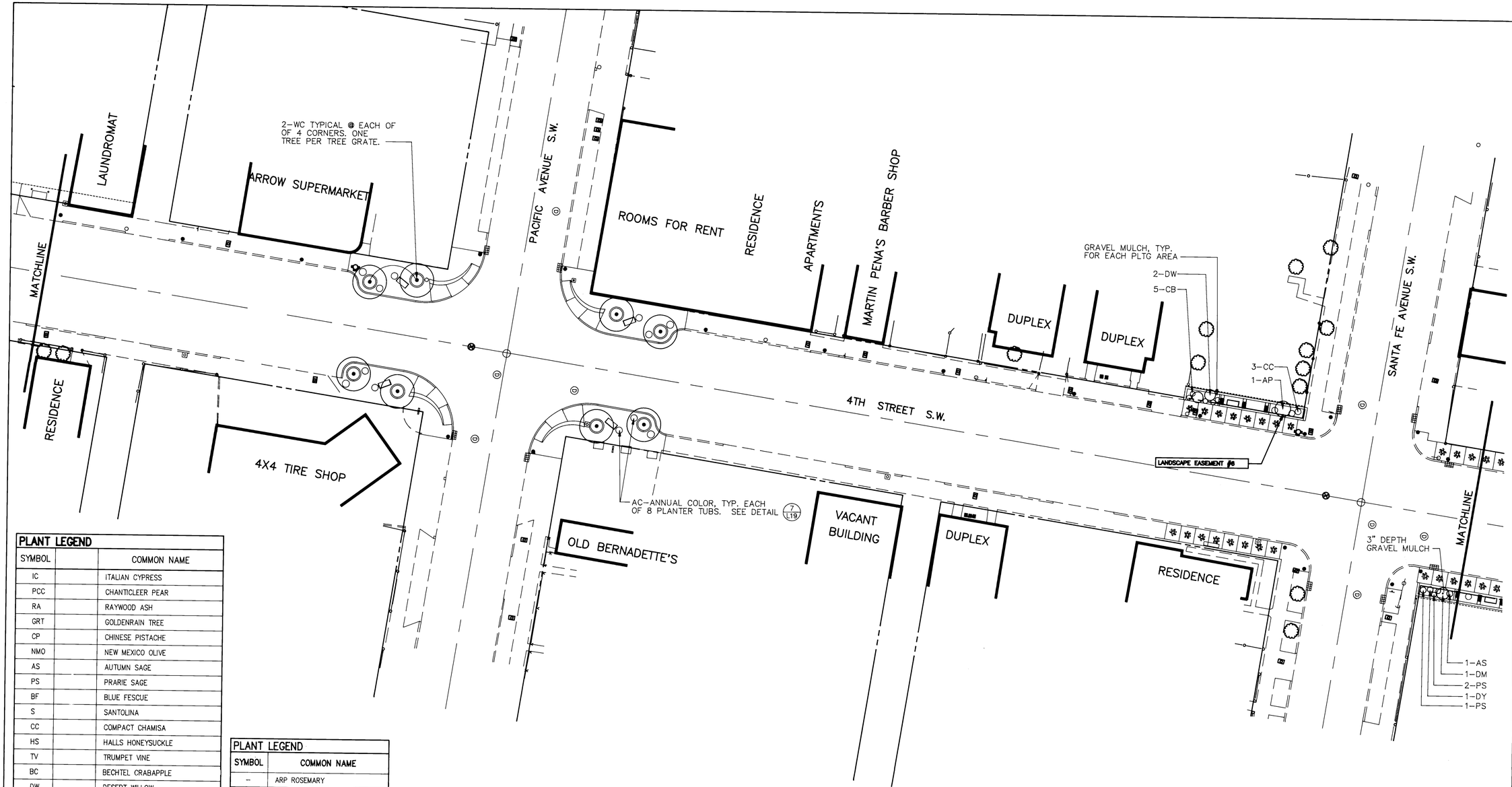
SCANNED BY
BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L11	L19



PLANT LEGEND		
SYMBOL		COMMON NAME
IC		ITALIAN CYPRESS
PCC		CHANTICLEER PEAR
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SOD		BUFFALO/BLUE GRAMMA SOD
CT		CREEPING THYME
WC		WESTERN CATALPA
AC		ANNUAL COLOR

SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
–	ARP ROSEMARY
–	ENGLISH LAVENDAR
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–	DARK KNIGHT BLUE BEARD
–	PRARIE SAGE
–	MEXICAN EVENING PRIMROSE
–	AUTUMN SAGE
–	COREOPSIS
–	APACHE PLUME
–	DUSTY MILLER

RECORD SET
May 1, 1997

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Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928
901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

NORTH 0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR'S WORK STAKED BY C.D.A. DATE 4/92
INSPECTOR'S ACCEPTANCE BY LENNY Romero DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 5/97
VARIANCES CORRECTED BY AVI DATE 5/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

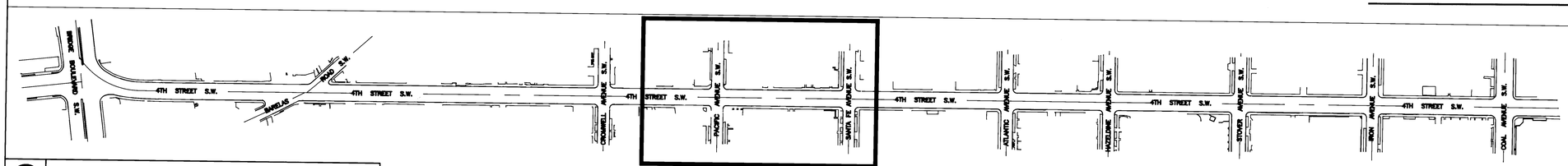
BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM S. PERKINS
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
6	12/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

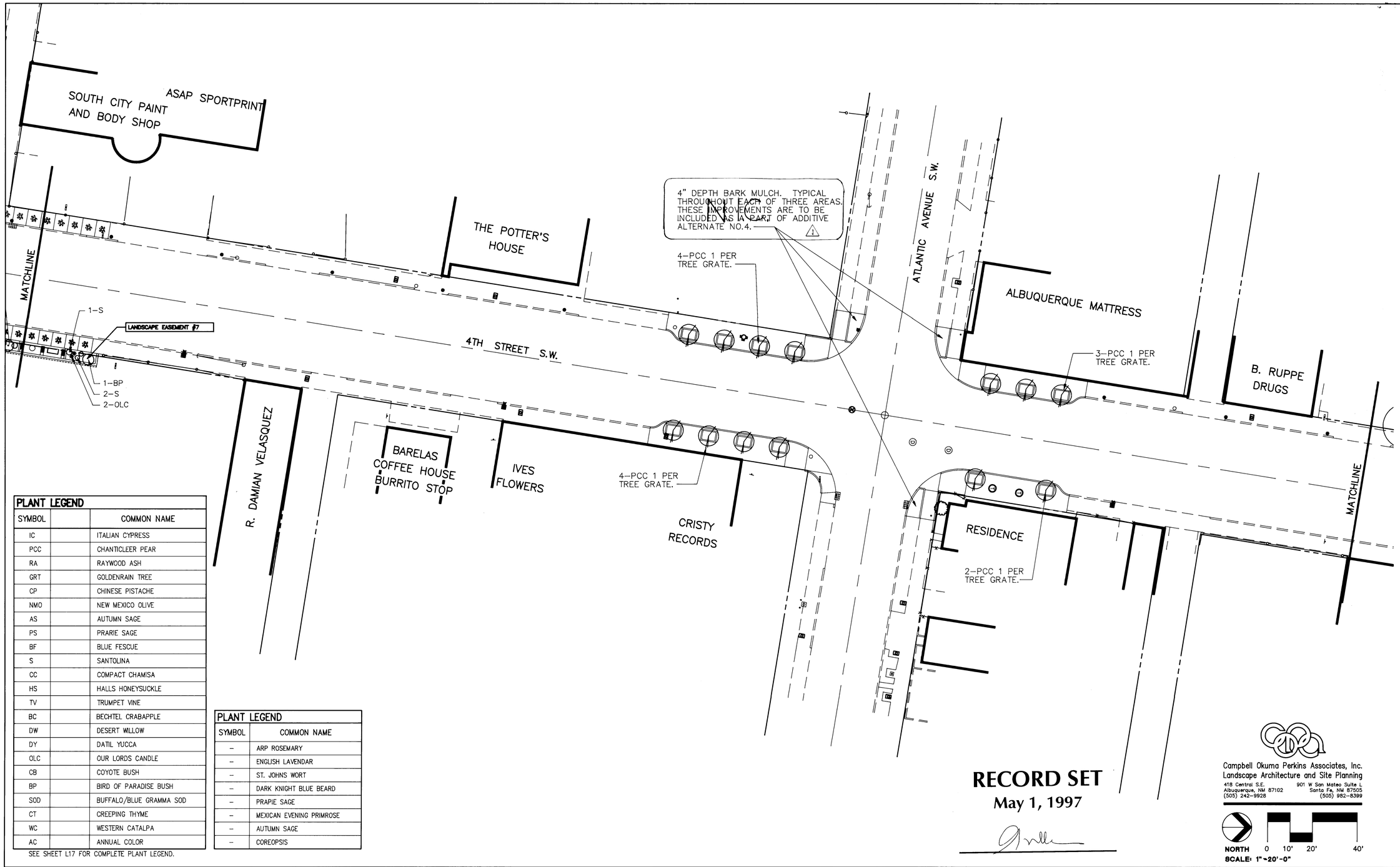
SCANNED BY BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L12	L19



PLANT LEGEND		
SYMBOL		COMMON NAME
IC		ITALIAN CYPRESS
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AC		ANNUAL COLOR

SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
–	ARP ROSEMARY
–	ENGLISH LAVENDAR
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–	MEXICAN EVENING PRIMROSE
–	AUTUMN SAGE
–	COREOPSIS

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
901 W San Mateo Suite L Santa Fe, NM 87505 (505) 982-8399

NORTH
0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR [redacted] DATE [redacted]
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Lesley Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY AUT DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

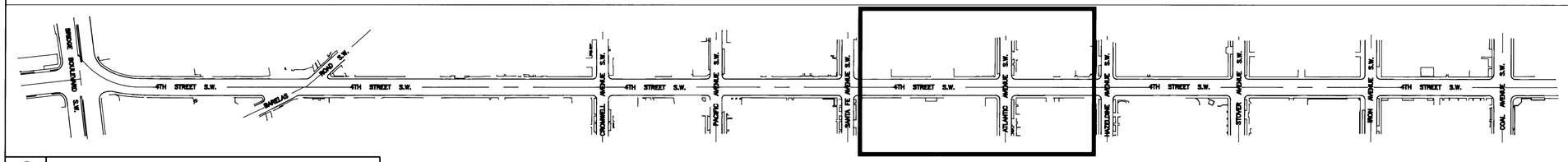
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM PERKINS 55
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

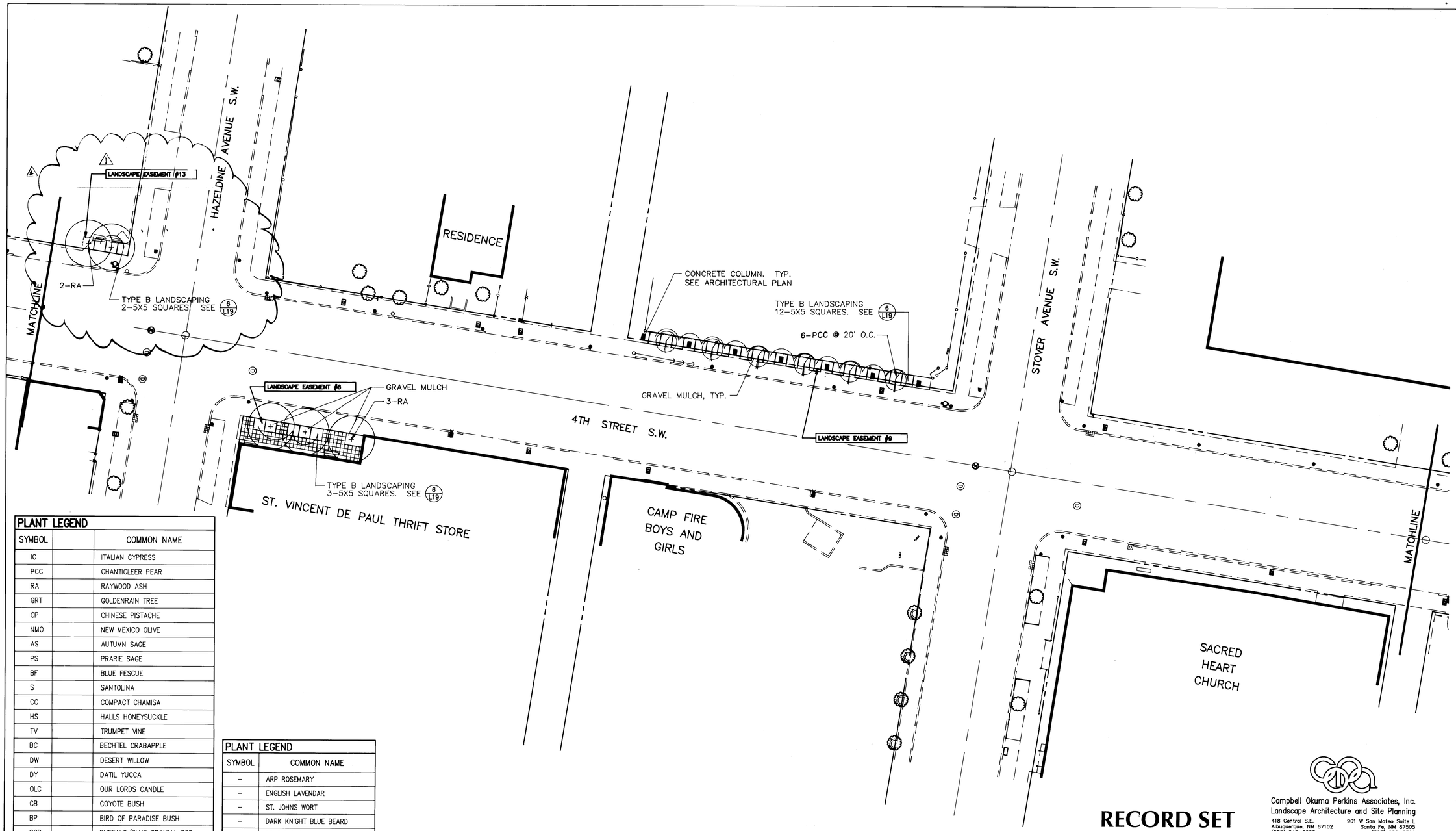
SCANNED BY BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L13	L19



PLANT LEGEND		
SYMBOL		COMMON NAME
IC		ITALIAN CYPRESS
PCC		CHANTICLEER PEAR
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SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
–	ARP ROSEMARY
–	ENGLISH LAVENDAR
–	ST. JOHNS WORT
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–	COREOPSIS

RECORD SET
May 1, 1997

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Santa Fe, NM 87505
(505) 982-8399

NORTH 0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY C.O.A. DATE 4/97
FOR CONSTRUCTION ACCEPTANCE BY LEANN Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.O.T. DATE 6/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

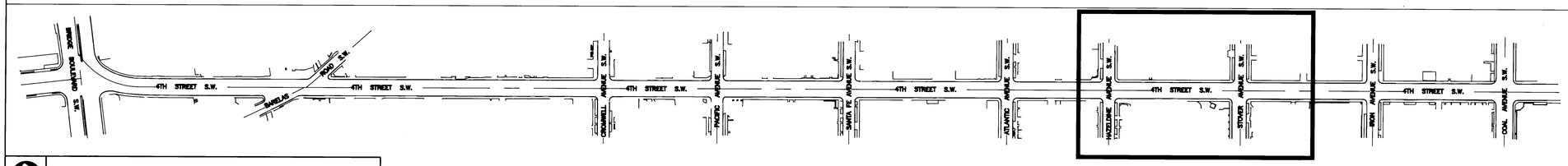
NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM B. PERKINS
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
1	12/16/96	CHANGE ORDER NO. 1	
2	4/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

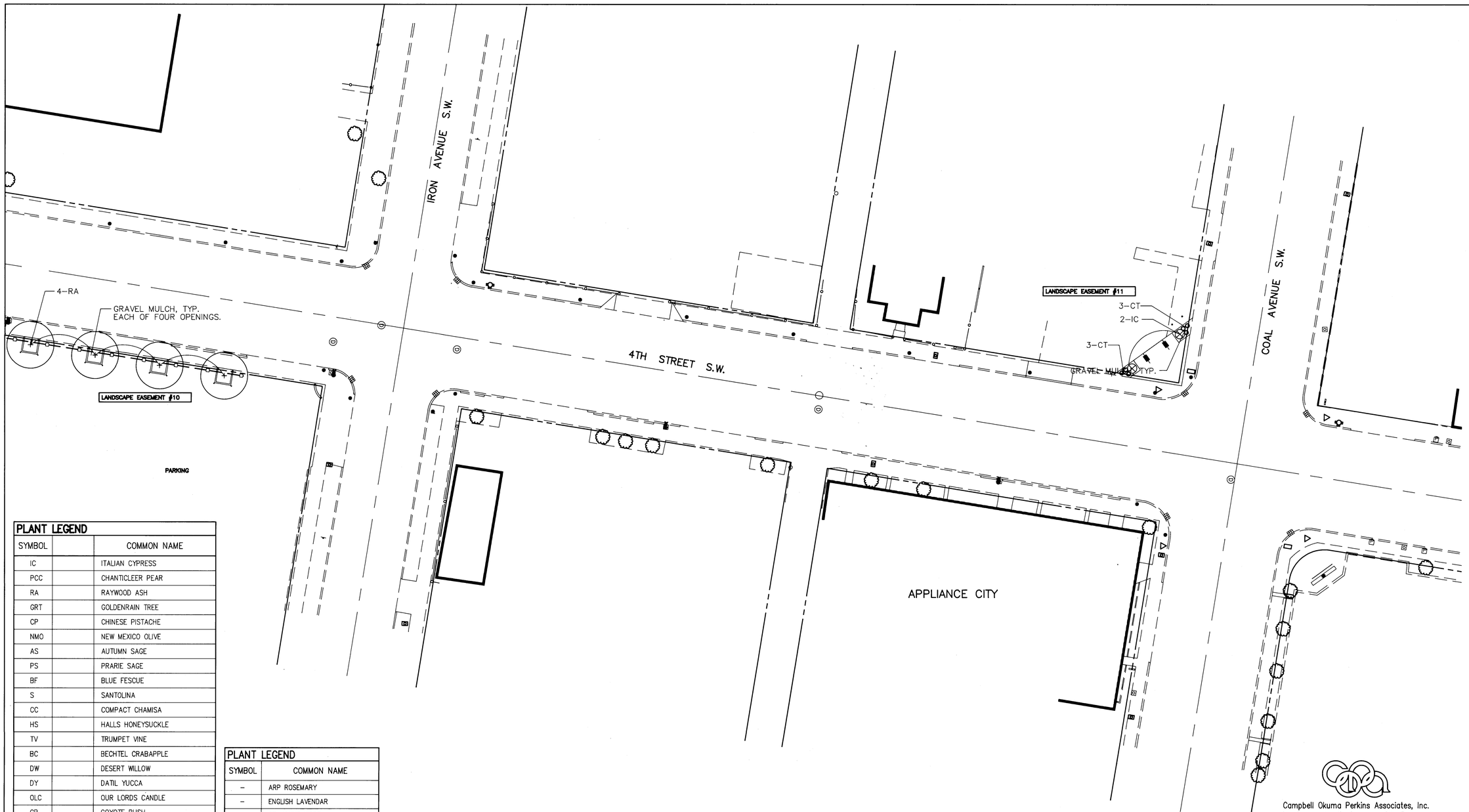
SCANNED BY
BY LASON

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L14	L19



PLANT LEGEND		
SYMBOL		COMMON NAME
IC		ITALIAN CYPRESS
PCC		CHANTICLEER PEAR
RA		RAYWOOD ASH
GRT		GOLDENRAIN TREE
CP		CHINESE PISTACHE
NMO		NEW MEXICO OLIVE
AS		AUTUMN SAGE
PS		PRARIE SAGE
BF		BLUE FESCUE
S		SANTOLINA
CC		COMPACT CHAMISA
HS		HALLS HONEYSUCKLE
TV		TRUMPET VINE
BC		BECHTEL CRABAPPLE
DW		DESERT WILLOW
DY		DATIL YUCCA
OLC		OUR LORDS CANDLE
CB		COYOTE BUSH
BP		BIRD OF PARADISE BUSH
SOD		BUFFALO/BLUE GRAMMA SOD
CT		CREEPING THYME
WC		WESTERN CATALPA
AC		ANNUAL COLOR

SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
–	ARP ROSEMARY
–	ENGLISH LAVENDAR
–	ST. JOHNS WORT
–	DARK KNIGHT BLUE BEARD
–	PRAPIE SAGE
–	MEXICAN EVENING PRIMROSE
–	AUTUMN SAGE
–	COREOPSIS

RECORD SET
May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928
901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

NORTH
0 10' 20' 40'
SCALE: 1"=20'-0"

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
INSPECTED BY DATE
ACCEPTANCE DATE
VERIFICATION BY DATE
DRAWINGS COMPLETED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

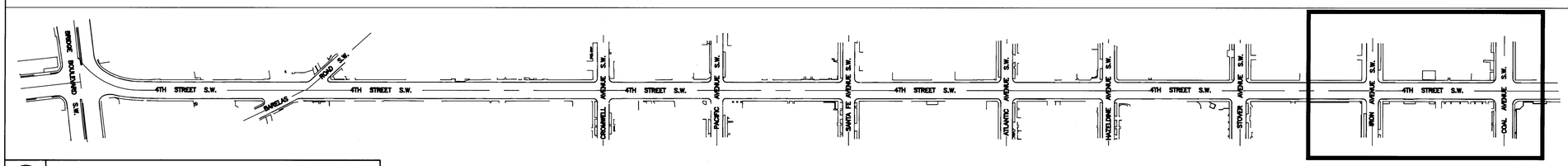
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM D. HOPKINS
505
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE		BY
	6/18/96	ISSUED FOR CONSTRUCTION	
		REMARKS	
		REVISIONS	
		DESIGN	

DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95



FOURTH STREET STREETSCAPE KEY

SCANNED BY
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

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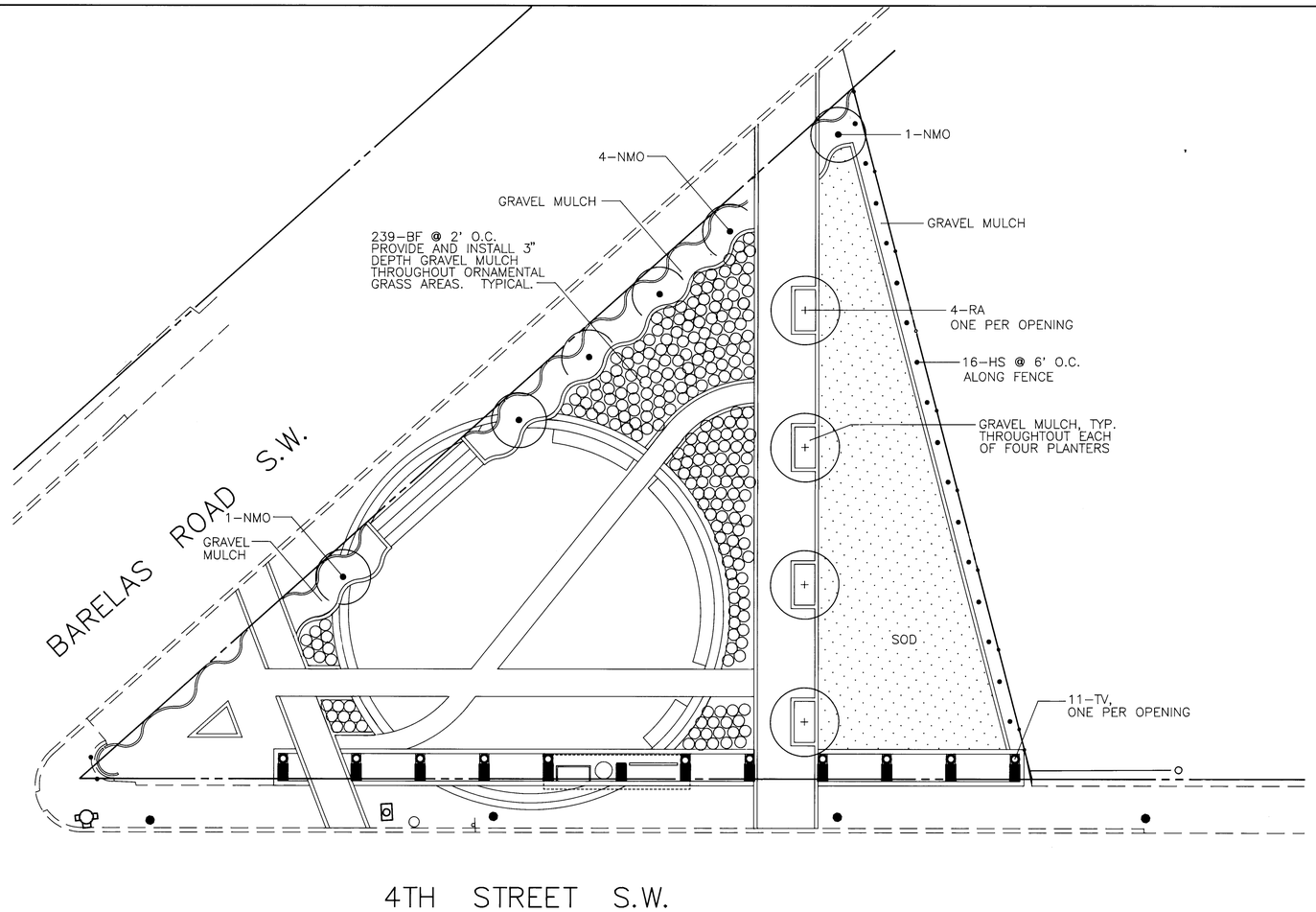
B.K.D. 12/21/95	C.E. 12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L15	L19



PLANT LEGEND		
SYMBOL		COMMON NAME
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PCC		CHANTICLEER PEAR
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SEE SHEET L17 FOR COMPLETE PLANT LEGEND.

PLANT LEGEND	
SYMBOL	COMMON NAME
–	ARP ROSEMARY
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RECORD SET
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Santa Fe, NM 87505
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NORTH 0 5' 10' 20'
SCALE: 1"=10'-0"

AS-BUILT INFORMATION
CONTRACTOR C.D.A.
WORK STAKED BY C.D.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Lenny Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.U.T. DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

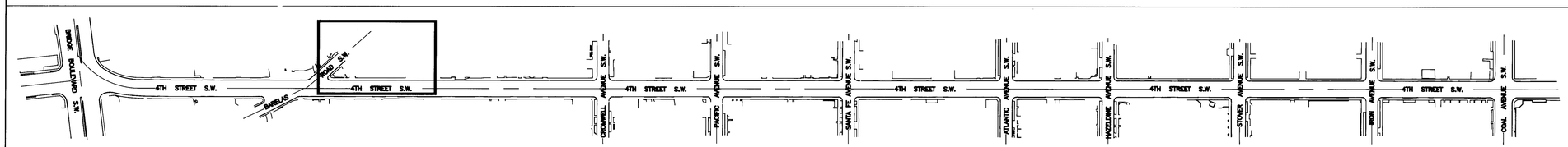
NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

NO.	DATE	REMARKS	BY
	4/8/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-6-95



FOURTH STREET STREETSCAPE KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
PLANTING PLAN

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City Project No.	Zone Map No.	Sheet	Of
4917.90	K14-L14	L16	L19

IRRIGATION LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NO.	DETAIL	NOTES
M	METER 1"				COORDINATE THE METER INSTALLATION WITH THE CITY OF ALBUQUERQUE.
	FLOW METER BOX WITH COVER & EXTENSIONS	BERMAD BROOKS	1730B-P28-18 1700B-P28-18	2702A	
	REDUCED PRESSURE BACKFLOW PREVENTION DEVICE	FEBCO	825Y		1" SIZE
Q	QUICK COUPLER VALVE BOX WITH COVER & EXTENSIONS	RAINBIRD BROOKS	33 DNP 1730B-P28-18	2708	LID TO BE GREY
	SPRAY HEAD	RAINBIRD	1804 10F 1804 10Q 1804 10H 1804 10T	2709	
A	AIR RELIEF VALVE BOX WITH COVER & EXTENSIONS	RAINBIRD BROOKS	2AV 1730B-P28-18	2705R	LID TO BE GREY
	REMOTE CONTROL VALVE BOX WITH COVER & EXTENSIONS	RAINBIRD BROOKS	PEB 1730B-P28-18	2703	SIZE PER SCHEDULE. LID TO BE GREEN IN SOD AREAS, GREY OTHERWISE
	PRESSURE COMPENSATING BUBBLER	RAINBIRD	1401		.25 GPM, 1 PER SHRUB
	PRESSURE COMPENSATING BUBBLER	RAINBIRD	1404		1 GPM, 2 PER TREE
	MAIN IRRIGATION LINE LATERAL IRRIGATION LINE				2" DIA. SCH. 40 PVC. POSITION MAINLINE PER DETAIL SCH. 40 PVC. SIZE AS INDICATED, 3/4" MIN.
	VALVE NUMBER VALVE SIZE CONTROLLER NUMBER GALLONS PER MINUTE				REFERENCE VALVE SCHEDULE
C1	CONTROLLER-32 STATION SATELLITE	TORO	MIR-5000i		32 STATION CONTROLLER
C2	CONTROLLER-16 STATION REMOTE	TORO	MIR-5000s		16 STATION REMOTE CONTROLLER
C3	CONTROLLER-8 STATION REMOTE	TORO	MIR-5000s		8 STATION REMOTE CONTROLLER | TO BE INCLUDED AS A PART OF ADDITIVE ALTERNATE NO.1
	SLEEVE				CLASS 200 PVC. SEE NOTES FOR SIZE
	STREAM BUBBLER ON 12" POP-UP HEAD STREAM BUBBLER ON 12" POP-UP HEAD	RAINBIRD RAINBIRD	1812 5F-B 1812 5CST-B	6/L-18 6/L-18	

PLANT LEGEND

SYMBOL	APPROX. QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	NOTES
IC	18	ITALIAN CYPRESS	CUPRESSUS SEMPERVIRENS 'STRICTA'	8' HEIGHT ABOVE TOP OF ROOT BALL	DETAIL 2713
PCC	19	CHANTICLEER PEAR	PYRUS CALLERYANA 'CHANTICLEER'	2 1/2" CALIPER	6' TO LOW BRANCH, MATCHING
RA	17	RAYWOOD ASH	FRAXINUS OXYCARPA 'RAYWOOD'	2 1/2" CALIPER	6' TO LOW BRANCH, MATCHING
GRT	1	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	3" CALIPER	6' TO LOW BRANCH, SPECIMEN
CP	4	CHINESE PISTACHE	PISTACIA CHINENSIS	2 1/2" CALIPER	6' TO LOW BRANCH, MATCHING
NMO	7	NEW MEXICO OLIVE	FORESTIERA NEOMEXICANA	24" BOX CONTAINER	MULTI-STEM MATCHING
BF	239	BLUE FESCUE	FESTUCA OVINA 'GLAUCA'	1 GAL CONTAINER	
S	3	SANTOLINA	SANTOLINA CHAMAECYPARISSUS	1 GAL CONTAINER	
CC	3	COMPACT CHAMISA	CHRYSOTHAMNUS NAUSEOSUS (COMPACT)	5 GAL CONTAINER	
HS	53	HALLS HONEYSUCKLE	LONICERA JAPONICA 'HALLS'	5 GAL CONTAINER	TRAIN ONTO ADJACENT FENCE
TV	11	TRUMPET VINE	CAMPSIS RADICANS	5 GAL CONTAINER	TRAIN ONTO SHADE STRUCTURE
BC	9	BECHTEL CRABAPPLE	MALUS LOENSIS 'PLENA'	2 1/2" CALIPER	MATCHING
AP	1	APACHE PLUME	FALLUGIA PARADOXA	5 GAL CONTAINER	
DW	2	DESERT WILLOW	CHILOPSIS LINEARIS	24" BOX	
DY	1	DATIL YUCCA	YUCCA BACCATA	5 GAL CONTAINER	
OLC	2	OUR LORDS CANDLE	YUCCA WHIPPLEI	5 GAL CONTAINER	
CB	5	COYOTE BUSH	BACCARIS PILULARIS	5 GAL CONTAINER	
BP	1	BIRD OF PARADISE BUSH	CAESALPINIA GILLIESII	5 GAL CONTAINER	
SOD	AS REQD.	BUFFALO/BLUE GRAMMA SOD		NA	SEE NOTES
CT	65	CREEPING THYME	THYMUS PRAECOX ARCTICUS	1 GAL CONTAINER	
WC	8	WESTERN CATALPA	CATALPA SPECIOSA	2 1/2" CALIPER	6' TO LOW BRANCH, MATCHING
DM	1	DUSTY MILLER	ARTEMISIA STELLERANA	5 GAL CONTAINER	
AC	AS REQD.	ANNUAL COLOR		4" DIAMETER POTS	TO BE SELECTED
–	20	ARP ROSEMARY	ROSEMARINUS OFFICINALIS 'ARP'	1 GAL CONTAINER	PLANTS TO BE USED IN TYPE B LANDSCAPING. 4 PLANTS PER 5X5 SQUARE. SEE DETAIL 6, SHEET L19
–	20	ENGLISH LAVENDAR	LAVANDULA ANGUSTIFOLIA 'MUNSTED'	5 GAL CONTAINER	
–	20	ST. JOHNS WORT	HYPERICUM CALYCINUM	1 GAL CONTAINER	
–	20	DARK KNIGHT BLUE BEARD	CARYOPTERIS X CLANADENSIS	1 GAL CONTAINER	
PS	23	PRAIRIE SAGE	ARTEMISIA LUDOVICIANA 'ALBULA'	1 GAL CONTAINER	
–	20	MEXICAN EVENING PRIMROSE	OENOTHERA BERLANDIERI	1 GAL CONTAINER	
AS	26	AUTUMN SAGE	SALVIA GREGII	5 GAL CONTAINER	
–	20	COREOPSIS	COREOPSIS GRANDIFLORA	1 GAL CONTAINER	

VALVE SCHEDULE

CONTROLLER #	VALVE #	SIZE	TYPE OF HEAD	TYPE OF PLANT	TOTAL GPM	PRECIPITATION RATE	ESTIMATED WATERING TIME/MINUTES PER WEEK FALL	WINTER	SPRING	SUMMER
C1	1-1	1"	BUBBLER	TREES & SHRUBS	5	NA	15	AS REQD	20	30
C1	1-2	1"	.25 GPM BUBBLER	VINES ON STRUCTURE	3	NA	5	AS REQD	8	10
C1	1-3	1 1/2"	SPRAY HEAD	GRASS	16	1.5"/HOUR	45	AS REQD	75	90
C1	1-4	1 1/2"	SPRAY HEAD	GRASS	29	1.5"/HOUR	45	AS REQD	75	90
C1	1-5	1 1/2"	DRIP	ORNAMENTAL GRASSES		STREAM BUBBLER	15	AS REQD	20	30
C1	1-6	1"	.25 GPM BUBBLER	VINES ON FENCE	4	NA	5	AS REQD	8	10
C1	1-7	1 1/2"	DRIP	ORNAMENTAL GRASSES		STREAM BUBBLER	15	AS REQD	20	30
C1	1-8	1"	1 GPM BUBBLER	TREES	4	NA	15	AS REQD	20	30
C1	1-9	1"	1 GPM BUBBLER	TREES	6	NA	15	AS REQD	20	30
C1	1-10	1"	1 GPM BUBBLER	TREES IN GRASS	4	NA	5	AS REQD	8	10
C1	1-11	1"	.25 GPM BUBBLER	SHRUBS	6	NA	15	AS REQD	20	30
C1	1-12	1"	1 GPM BUBBLER	TREES	6	NA	15	AS REQD	20	30
C1	1-13	1"	1 GPM BUBBLER	TREES	6	NA	15	AS REQD	20	30
C1	1-14	1"	.25 GPM BUBBLER	SHRUBS	11	NA	5	AS REQD	8	10
C1	1-15	1"	1 GPM BUBBLER	ANNUAL COLOR	8	NA	45	AS REQD	75	90
C1	1-16	1"	1 GPM BUBBLER	TREES	8	NA	15	AS REQD	20	30
C1	1-17	1"	.25 GPM BUBBLER	SHRUBS	3	NA	5	AS REQD	8	10
C1	1-18	1"	.25 GPM BUBBLER	SHRUBS	4	NA	5	AS REQD	8	10
C1	1-19	1"	.25 GPM BUBBLER	SHRUBS	4	NA	5	AS REQD	8	10
C1	1-20	1"	1 GPM BUBBLER	TREES	6	NA	15	AS REQD	20	30
C2	2-1	1"	1 GPM BUBBLER	TREES	13	NA	15	AS REQD	20	30
C2	2-2	1"	1 GPM BUBBLER	TREES	2	NA	15	AS REQD	20	30
C2	2-3	1"	.25 GPM BUBBLER	SHRUBS	2	NA	5	AS REQD	8	10
C2	2-4	1"	.25 GPM BUBBLER	SHRUBS	3	NA	5	AS REQD	8	10
C2	2-5	1"	1 GPM BUBBLER	TREES	3	NA	15	AS REQD	20	30
C2	2-6	1"	.25 GPM BUBBLER	SHRUBS	12	NA	5	AS REQD	8	10
C2	2-7	1"	1 GPM BUBBLER	TREES	6	NA	15	AS REQD	20	30
C2	2-8	1"	1 GPM BUBBLER	TREES	4	NA	15	AS REQD	20	30
C2	2-9	1"	BUBBLER	TREES & SHRUBS	4	NA	15	AS REQD	20	30
C3	3-1	1"	1 GPM BUBBLER	TREES	4	NA	15	AS REQD	20	30
C3	3-2	1"	.25 GPM BUBBLER	TYPE B SHRUBS	6	NA	5	AS REQD	8	10
C3	3-3	1"	1 GPM BUBBLER	ANNUAL COLOR	11	NA	45	AS REQD	75	90
C3	3-4	1 1/2"	.25 GPM BUBBLER	GROUND COVER	17	NA	5	AS REQD	8	10
C3	3-5	1"	.25 GPM BUBBLER	VINES	9	NA	5	AS REQD	8	10
C3	3-6	1 1/2"	SPRAY HEAD	GRASS	32	1.5"/HOUR	45	AS REQD	75	90
C3	3-7	1"	BUBBLER	TREES IN GRASS	9	NA	15	AS REQD	20	30
C3	3-8	1 1/2"	SPRAY HEAD	GRASS	40	1.5"/HOUR	45	AS REQD	75	90

IRRIGATION NOTES:

* IRRIGATION LATERAL LINES ARE TO BE 3/4" DIAMETER UNLESS OTHERWISE NOTED. IRRIGATION LINES IN BETWEEN LINES DESIGNATED AS A SPECIFIC SIZE ARE TO BE THE SAME SIZE AS THE DESIGNATIONS ON BOTH ENDS.
* UTILITY EXPANSION CHARGES AND METER SET CHARGES ARE TO BE THE RESPONSIBILITY OF THE CITY OF ALBUQUERQUE. CONTRACTOR IS TO COORDINATE THE INSTALLATION OF METERS.
* PROVIDE AND INSTALL CLASS 200 PVC SLEEVES WHEREVER SHOWN ON THE PLAN. SLEEVES ARE TO BE 2 SIZES LARGER THAN THE IRRIGATION LINE WITHIN THE SLEEVE.
* INSTALL VALVES THAT SERVE DRIP LINES AS PER DETAIL 1, SHEET L8.

PLANTING NOTES:

* SOD IS TO BE A BUFFALO/BLUE GRAMMA BLEND * AS AVAILABLE FROM AG TURF FARMS INC., PHONE NUMBER: (505) 384-4089.
* GRAVEL MULCH IS TO BE 3/4" ROUNDED GRAY GRAVEL. UNLESS SPECIFICALLY CALLED OUT OTHERWISE. INSTALL MULCH WITH 3"-4" DEPTH TYPICAL WITH FILTER FABRIC BELOW. HOLD TOP OF MULCH 1" BELOW TOP OF ADJACENT PAVING TYPICAL.

RECORD SET
May 1, 1997

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Lenny Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 4/97
DRAWINGS CORRECTED BY AOI DATE 4/98
MICRO-FILM INFORMATION
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NO.

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FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

NO.	DATE	REMARKS	BY
	6/1/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY WSP DATE 8-95
DRAWN BY WBT DATE 8-95
CHECKED BY WSP DATE 10-26-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
LEGENDS AND VALVE SCHEDULE

Design Review Committee: 12/21/95
City Engineer Approval: 12/21/95
Last Design Update: Mo./Day/Yr. Mo./Day/Yr.

City Project No. 4917.90 | Zone Map No. | Sheet L17 Of L19

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
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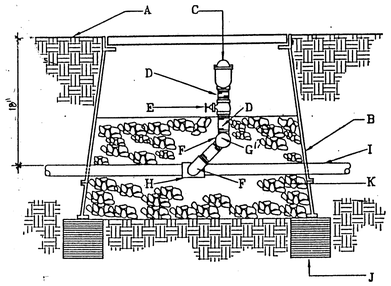
SCANNED BY
BY LASON



GENERAL NOTES:

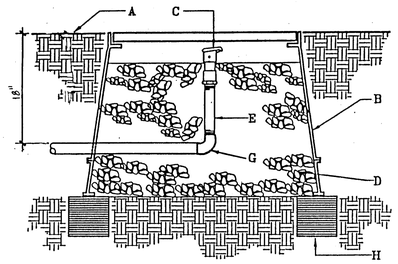
1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH END OF THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF GATE VALVE.
3. AIR RELIEF VALVE SHALL BE INSTALLED DOWNSTREAM OF THE MASTERVALVE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 1730 PB-18 BODY (ABS) VALVE BOX WITH 1730 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION. WHEN AIR RELIEF VALVE IS INSTALLED IN PLAYING FIELD USE 4" PIPE WITH PLASTIC LID.
C. AIR RELIEF VALVE (REFERENCE THE DRAWINGS).
D. SCHEDULE 80 PVC NIPPLE.
E. GATE VALVE.
F SCHEDULE 40 PVC ST. ELL.
G. SCHEDULE 40 PVC ELL.
H. IRRIGATION MAINLINE TEE.
I. IRRIGATION MAINLINE.
J. 8"X8"X16" SOLID CMU BLOCK.
K. 1" DIAMETER WASHED ROCK.

1 / L18 AIR RELIEF VAVLE

DWG. 2705 NTS



GENERAL NOTES:

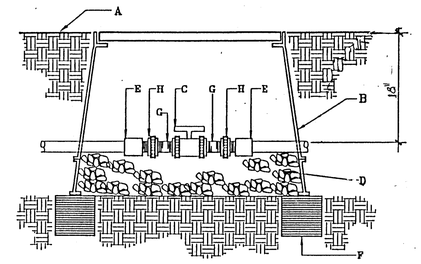
1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH CORNER OF THE VALVE BOX.
2. INSTALL 1" DIAMETER WASHED ROCK BELOW THE VALVE BOX. EXTEND WASHED ROCK UP TO COLLAR OF QUICK COUPLER VALVE.
3. INSTALL A GATE VALVE IMMEDIATELY UPSTREAM OF QUICK COUPLER VALVE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 1730 PB-18 BODY (ABS) VALVE BOX WITH 1730 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION. WHEN QUICK COUPLER VALVE IS INSTALLED IN PLAYING FIELD USE 4" PIPE WITH PLASTIC LID.
C. RAINBIRD 33 DRC QUICK COUPLER VALVE.
D. 1" DIAMETER WASHED ROCK.
E. 12" SCH. 80 PVC RISER.
F. IRRIGATION MAINLINE.
G. SCHEDULE 40 PVC ELL SXT.
H. 8"X8"X16" SOLID CMU BLOCK.

2 / L18 QUICK COUPLER VALVE

DWG. 2708 NTS



GENERAL NOTES:

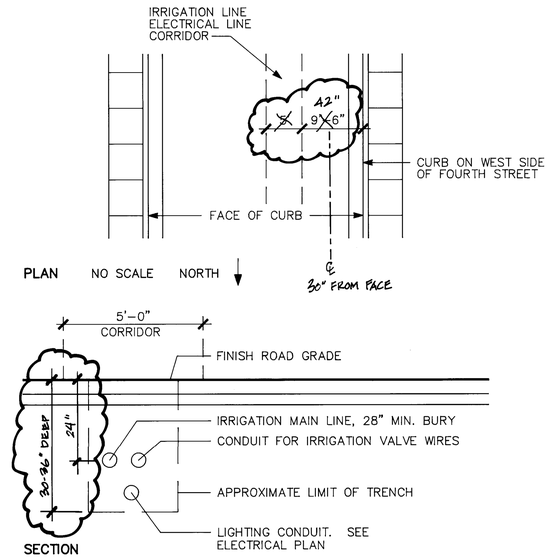
1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH END OF THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 1730 PB-18 BODY (ABS) VALVE BOX WITH 1730 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION.
C. SPEARS TRUE UNION SCHEDULED 80 PVC BALL VALVE.
D. 1" DIAMETER WASHED ROCK.
E. PVC MIP ADAPTER.
F. 8"X8"X16" SOLID CMU BLOCK.
G. SCHEDULE 80 PVC 4" NIPPLE.
H. SPEARS SCHEDULE 80 PVC UNION.

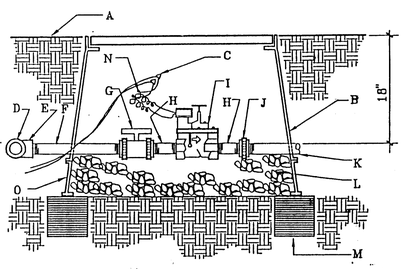
3 / L18 GATE VALVE

DWG. 2706 NTS



4 / L18 IRRIGATION LINE PLACEMENT

NTS



GENERAL NOTES:

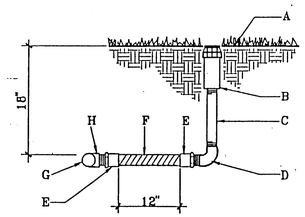
1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH END OF THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 1730 PB-18 BODY (ABS) VALVE BOX WITH 1730 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION.
C. 3M SCOTCHLOK CONNECTORS.
D. IRRIGATION MAINLINE.
E. IRRIGATION MAINLINE SERVICE TEE OR ELL.
F. SCHEDULE 80 PVC 12" NIPPLE.
G. SPEARS TRUE UNION SCHEDULED 80 PVC BALL VALVE.
H. SCHEDULE 80 PVC 4" NIPPLE.
I. ELECTRIC VALVE. REFERENCE THE DRAWING FOR SIZE.
J. SPEARS SCHEDULE 80 PVC UNION.
K. LATERAL LINE.
L. 1" DIAMETER WASHED ROCK.
M. 8"X8"X16" SOLID CMU BLOCK.
N. 24" WIRE EXPANSION COIL.

5 / L18 ELECTRIC VALVE

DWG. 2703 NTS



GENERAL NOTES:

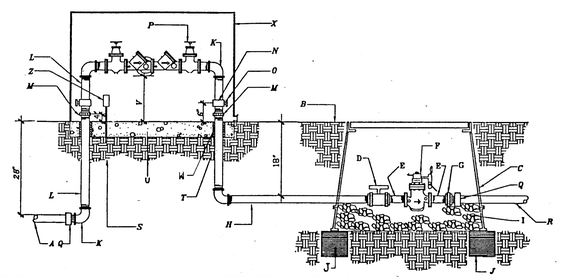
1. THIS DETAIL SHALL BE USED FOR POP-UP SHRUB SPRAY, POP-UP LAWN SPRAY, GEAR DRIVEN AND ROTARY SPRINKLER HEADS.
2. LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
3. TOP OF SPRINKLER HEAD SHALL BE SET FLUSH WITH FINISH GRADE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. SPRINKLER HEAD (REFERENCE THE DRAWINGS FOR TYPE).
C. SCH. 80 PVC NIPPLE. LENGTH VARIES DEPENDING UPON SIZE OF SPRINKLER HEAD.
D. SCH. 40 PVC THREADED ELL.
E. SCH. 40 PVC MIP ADAPTER.
F. PVC FLEXIBLE VINYL PIPE STD. IPS FROM AGRICULTURAL PRODUCTS INC. (818-768-3303).
G. LATERAL PIPE.
H. SCH. 40 PVC SXSXT TEE OR SXT ELL.

6 / L18 SPRINKLER HEAD W/ FLEX PIPE ASSEMBLY

DWG. 2709 NTS



GENERAL NOTES:

1. HORIZONTAL RPBA INSTALLATION REQ'D.
2. ABOVE GRADE RPBA INSTALLATION REQ'D.
3. WATER LINE PRESSURE AND TEMP. MUST NOT EXCEED RATED CAPACITY OF RPBA.
4. PROTECT FROM FREEZING WITH POSITIVE HEAT SOURCE AND INSULATION.
5. MIN. RPBA SIZE MUST BE THE BLDG. SERVICE LINE SIZE.
6. DO NOT INSTALL IN FLOOD PRONE AREAS.
7. INSTALL WATER HAMMER ARRESTORS & THERMO EXPANSION PROTECTION AS NECESSARY.
8. METALLIC RISER PIPING REQ'D.
9. JOINTS TO BE ADEQUATELY RESTRAINED.
10. DEVIATION FROM THESE SPECIFICATIONS MUST HAVE PRIOR WRITTEN APPROVAL FROM THE ADMINISTRATIVE AUTHORITY.

CONSTRUCTION NOTES:

A. SERVICE LINE TO WATER METER, NO OUTLETS ALLOWED.
B. FINISH GRADE. MATERIAL VARIES REFERENCE PLANS.
C. BROOK PRODUCTS INC. 1730 PB-18 BODY (ABS) VALVE BOX W/ BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION.
D. SPEARS TRUE UNION SCHEDULE 80 PVC BALL VALVE.
E. SCHEDULE 80 PVC 4" NIPPLE.
F. BERMAD FLOWMETER. REFERENCE IRRIGATION LEGEND FOR SIZE.
G. SPEARS SCHEDULE 80 PVC UNION.
H. SCHEDULE 80 PVC NIPPLE 3" MIN.
I. 1" DIAMETER WASHED ROCK.
J. 8"X8"X16" SOLID CMU BLOCK.
K. GALVANIZED ELL.
L. GALVANIZED NIPPLE.
M. GALVANIZED UNION (MIN. 4" ABOVE GRADE).
N. GALVANIZED TEE.
O. BALL DRAIN, CHAMPION DV050 1/2".
P. RPBA BACKFLOW PREVENTER (REFERENCE DRAWINGS).
Q. PVC MIP ADAPTER.
R. NON-CONSTANT PRESSURE IRRIGATION MAINLINE.
S. COMPACTED SUBGRADE.
T. GALVANIZED NIPPLE
U. MOUNTING PAD. SIZE AS REQ'D. FOR HOT BOX.
V. 12"
W. ADEQUATE SLEEVING AND INSULATION (MIN. 1" THICK)
X. HOT BOX. MODEL NO. HB1.5. COLOR: BEIGE
Y. NOT USED
Z. ELECTRIC OUTLET FOR HEATED PROTECTIVE ENCLOSURE.

7 / L18 BERMAD FLOWMETER MASTER VALVE W/ RPBA

DWG. 2701-A NTS

RECORD SET

May 1, 1997

AS-BUILT INFORMATION

CONTRACTOR		DATE
WORK STAKED BY	C.O.A.	DATE 4/97
INSPECTOR'S ACCEPTANCE BY	Larry Romero	DATE 4/97
FIELD VERIFICATION BY	C.O.A.	DATE 5/97
DRAWINGS CORRECTED BY	A.U.S.	DATE 6/98

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

STATE OF NEW MEXICO — WILLIAM B. PERKINS — REGISTERED LANDSCAPE ARCHITECT — 1985

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN

DESIGNED BY	WSP	DATE 8-95
DRAWN BY	WBT	DATE 8-95
CHECKED BY	WSP	DATE 8-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

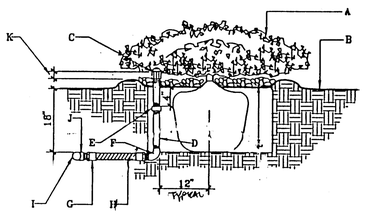
TITLE: **FOURTH STREET STREETSCAPE**
IRRIGATION DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95			

City Project No.	Zone Map No.	Sheet	Of
4917.90		L18	L19

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9828
901 W San Mateo Suite L Santa Fe, NM 87505 (505) 982-8399

SCANNED BY BY LASON



GENERAL NOTES:

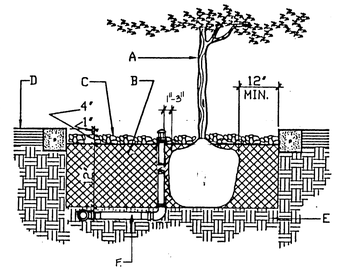
1. LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
2. BUBBLER SHALL ALWAYS BE INSTALLED ON THE UPHILL SIDE OF THE SHRUB.

CONSTRUCTION NOTES:

A. SHRUB.
B. FINISH GRADE.
C. BUBBLER HEAD (REFERENCE IRRIGATION LEGEND).
D. SCH. 80 PVC NIPPLE.
E. SCH. 40 PVC THREADED COUPLER.
F. SCH. 40 PVC THREADED ELL.
G. SCH. 40 PVC MIP ADAPTER.
H. PVC FLEXIBLE VINYL PIPE STD. IPS FROM AGRICULTURAL PRODUCTS INC. (818-768-3303).
I. LATERAL PIPE.
J. SCH. 40 PVC SXSXT TEE OR SXT ELL.
K. TOP OF BUBBLER LEVEL WITH TOP OF BARK MULCH OR MAX. 1" ABOVE TOP OF BARK MULCH.
L. 4" BARK MULCH.

1 / L19 BUBBLER HEAD AT SHRUB

DWG. 2711 NTS



GENERAL NOTES:

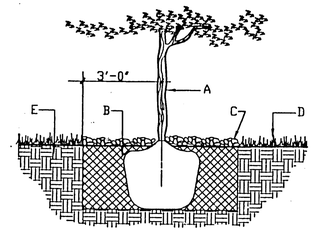
1. EXISTING SOIL WITHIN THE SHRUB & TREE PLANTER SHALL BE REMOVED AND REPLACED WITH THE SPECIFIED PLANTING SOIL MIXTURE.
2. ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT TREE FROM SETTLING.
3. TOP OF ROOTBALL INDICATES LEVEL AT WHICH TREE WAS GROWN AND DUG; THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE INSTALLED, THAT LEVEL MAY BE EXCEEDED BY ONLY A ONE INCH LAYER OF SOIL.
4. PRIOR TO BACKFILLING TREE, ALL WIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE TREE AND THE PLANTING PIT.
5. PRIOR TO BACKFILLING, ALL BURLAP SHALL BE CUT AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.

CONSTRUCTION NOTES:

A. TREE.
B. PLANTING SOIL MIXTURE. (REFERENCE THE SPECIFICATION).
C. 4" DEPTH OF BARK MULCH.
D. MATERIAL VARIES (REFERENCE THE DRAWING).
E. UNDISTURBED SOIL.
F. BUBBLER ASSEMBLY PER 1/L19.

2 / L19 TREE IN PLANTER

DWG. 2715 NTS



GENERAL NOTES:

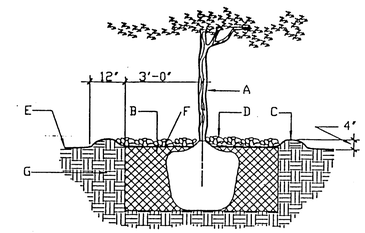
1. ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT TREE FROM SETTLING.
2. TOP OF ROOTBALL INDICATES LEVEL AT WHICH TREE WAS GROWN AND DUG; THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE INSTALLED; THAT LEVEL MAY BE EXCEEDED BY ONLY A ONE INCH LAYER OF SOIL.
3. PRIOR TO BACKFILLING TREE, ALL WIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE TREE AND THE PLANTING PIT.
4. PRIOR TO BACKFILLING ALL BURLAP SHALL BE CUT AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.

CONSTRUCTION NOTES:

A. TREE.
B. BACKFILL WITH EXISTING SOIL.
C. 4" DEPTH OF BARK MULCH.
D. TURF AT FINISH GRADE.
E. UNDISTURBED SOIL.

3 / L19 TREE PLANTED IN TURF

DWG. 2713 NTS



GENERAL NOTES:

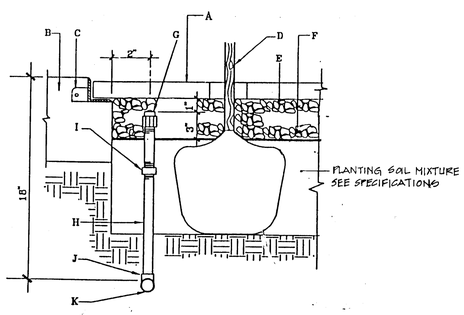
1. ROOTBALL SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT TREE FROM SETTLING.
2. TOP OF ROOTBALL INDICATES LEVEL AT WHICH TREE WAS GROWN AND DUG; THIS REPRESENTS THE LEVEL AT WHICH THE TREE SHOULD BE INSTALLED; THAT LEVEL MAY BE EXCEEDED BY ONLY A ONE INCH LAYER OF SOIL.
3. PRIOR TO BACKFILLING TREE, ALL WIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE TREE AND THE PLANTING PIT.
4. PRIOR TO BACKFILLING ALL BURLAP SHALL BE CUT AWAY EXCEPT FROM BOTTOM OF THE ROOTBALL.

CONSTRUCTION NOTES:

A. TREE.
B. BACKFILL WITH EXISTING SOIL.
C. EARTH BERM AROUND WATER RETENTION BASIN.
D. 4" DEPTH OF BARK MULCH.
E. FINISH GRADE.
F. WATER RETENTION BASIN.
G. UNDISTURBED SOIL.

4 / L19 ISOLATED TREE PLANTING

DWG. 2714 NTS



GENERAL NOTES:

1. LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
2. BUBBLER SHALL ALWAYS BE INSTALLED ON THE UPHILL SIDE OF THE TREE.
3. PVC PIPE SHALL NOT BE INSTALLED UNDER THE LOCATION OF THE TREE BALL.

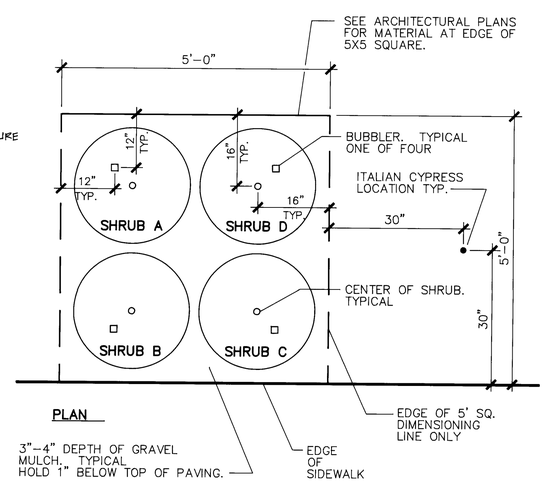
CONSTRUCTION NOTES:

A. TREE GRATE.
B. 4000 PSI CONCRETE.
C. TREE GRATE FRAME.
D. TREE.
E. 4" BARK MULCH.
F. FINISH GRADE.
G. BUBBLER HEAD (REFERENCE IRRIGATION LEGEND).
H. SCH. 80 PVC NIPPLE.
I. SCH. 40 PVC THREADED COUPLER.
J. SCH. 40 PVC SXSXT TEE OR SXT ELL.
K. LATERAL PIPE.

5 / L19 BUBBLER HEAD IN TREE GRATE

DWG. 2712 NTS

NOTE: 5'X5' LANDSCAPE SQUARES ARE TO BE MADE UP OF AN EQUAL NUMBER OF SQUARES WITH PLANTS LISTED BELOW AS A,B,C, & D AND SQUARES LISTED BELOW AS A', B', C' & D'. LANDSCAPING SQUARES ARE TO ALTERNATE BETWEEN THE TWO TYPES. LANDSCAPE ARCHITECT IS TO APPROVE FINAL LOCATION OF PLANTS.



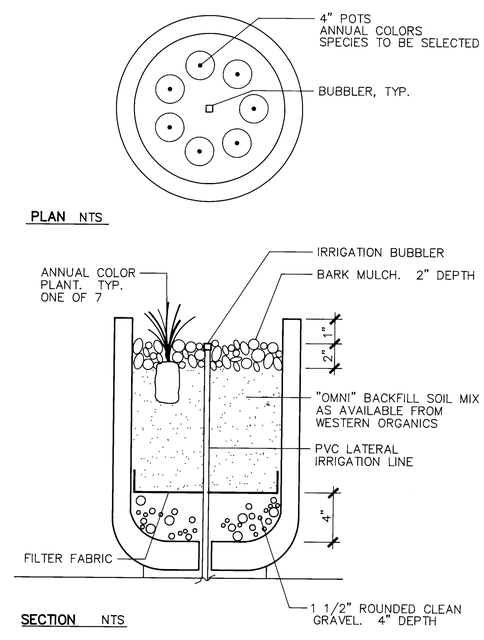
PLAN

A. ARP ROSEMARY / ROSEMARINUS OFFICINALIS / 1 GAL
B. ENGLISH LAVENDAR / LAVANDULA ANGUSTILOLIA 'MUNSTED' / 1 GAL
C. ST.JOHNS WORT / HYPERICUM CALYCENUM / 1 GAL
D. DARK KNIGHT BLUE BEARD / CARYOPTERIS X CLANADENSIS / 1 GAL

A. PRARIE SAGE / ARTEMISIA LUDOVICIANA 'ALBULA' / 1 GAL
B. MEXICAN EVENING PRIMROSE / OENTHERA BERLANDIERI / 1 GAL
C. AUTUMN SAGE / SALVIA GREGII / 1 GAL
D. COREOPSIS / COREOPSIS GRANDIFLORA / 1 GAL

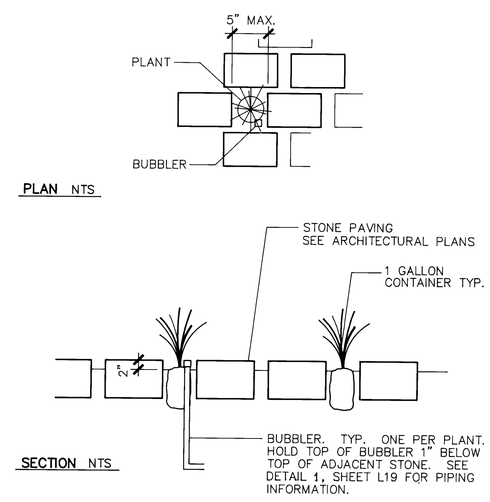
6 / L19 TYPE B PLANTING DETAIL

NTS



7 / L19 PLANTER TUB

NTS



8 / L19 TYPE A PLANTING DETAIL

NTS

RECORD SET

May 1, 1997

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928
901 W San Mateo Suite L
Santa Fe, NM 87505
(505) 982-8399

SCANNED BY
BY LASON

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY C.O.A. DATE 7/97
INSPECTOR'S ACCEPTANCE BY Lenny Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY A.O.I. DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM G. WEST
REGISTERED LANDSCAPE ARCHITECT

NO.	DATE	REMARKS	BY
1	8/98	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN	DESIGNED BY WSP	DATE 8-95
	DRAWN BY WBT	DATE 8-95
	CHECKED BY WSP	DATE 10-95

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

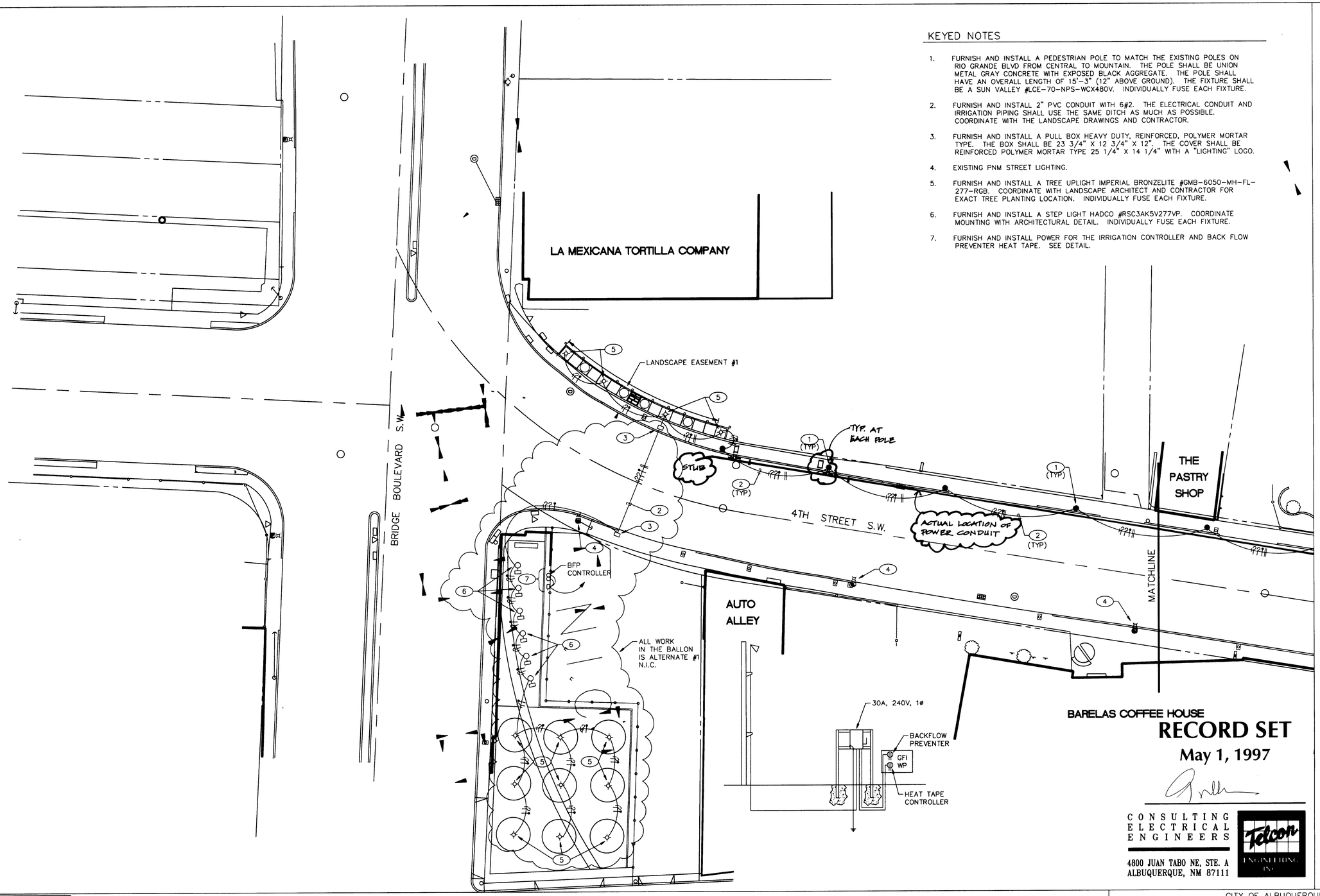
TITLE: **FOURTH STREET STREETSCAPE**
DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
B.G.B. 12/21/95	CE 12/21/95			

City Project No. **4917.90** | Zone Map No. | Sheet **L19** Of **L19**

KEYED NOTES

1. FURNISH AND INSTALL A PEDESTRIAN POLE TO MATCH THE EXISTING POLES ON RIO GRANDE BLVD FROM CENTRAL TO MOUNTAIN. THE POLE SHALL BE UNION METAL GRAY CONCRETE WITH EXPOSED BLACK AGGREGATE. THE POLE SHALL HAVE AN OVERALL LENGTH OF 15'-3" (12" ABOVE GROUND). THE FIXTURE SHALL BE A SUN VALLEY #LCE-70-NPS-WCX480V. INDIVIDUALLY FUSE EACH FIXTURE.
2. FURNISH AND INSTALL 2" PVC CONDUIT WITH 6#2. THE ELECTRICAL CONDUIT AND IRRIGATION PIPING SHALL USE THE SAME DITCH AS MUCH AS POSSIBLE. COORDINATE WITH THE LANDSCAPE DRAWINGS AND CONTRACTOR.
3. FURNISH AND INSTALL A PULL BOX HEAVY DUTY, REINFORCED, POLYMER MORTAR TYPE. THE BOX SHALL BE 23 3/4" X 12 3/4" X 12". THE COVER SHALL BE REINFORCED POLYMER MORTAR TYPE 25 1/4" X 14 1/4" WITH A "LIGHTING" LOGO.
4. EXISTING PNM STREET LIGHTING.
5. FURNISH AND INSTALL A TREE UPLIGHT IMPERIAL BRONZELITE #GMB-6050-MH-FL-277-RGB. COORDINATE WITH LANDSCAPE ARCHITECT AND CONTRACTOR FOR EXACT TREE PLANTING LOCATION. INDIVIDUALLY FUSE EACH FIXTURE.
6. FURNISH AND INSTALL A STEP LIGHT HADCO #RSC3AK5V277VP. COORDINATE MOUNTING WITH ARCHITECTURAL DETAIL. INDIVIDUALLY FUSE EACH FIXTURE.
7. FURNISH AND INSTALL POWER FOR THE IRRIGATION CONTROLLER AND BACK FLOW PREVENTER HEAT TAPE. SEE DETAIL.



BARELAS COFFEE HOUSE

RECORD SET

May 1, 1997

CONSULTING ELECTRICAL ENGINEERS

4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111

Telcon ENGINEERING INC

AS-BUILT INFORMATION
CONTRACTOR: ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY: C.O.A. DATE 4/97
INSPECTOR ACCEPTANCE BY: LEONY ROMERO DATE 4/97
FIELD VERIFICATION BY: C.O.A. DATE 3/97
RECORD DRAWINGS CORRECTED BY: AUI DATE 5/98
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

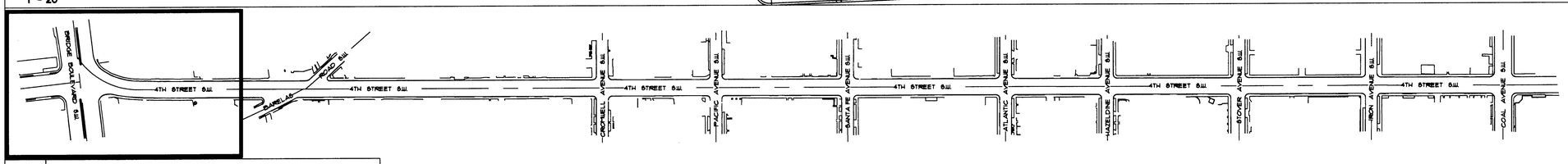
ENGINEER'S SEAL

5-1-97

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE



FOURTH STREET STREETSCAPE KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
B.G.B. 12/21/95	C.E. 12/21/95		8/29/95	
			10/12/95	
			8/29/96	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	E-1	7

SCANNED BY
BY LASON

KEYED NOTES

1. FURNISH AND INSTALL A PEDESTRIAN POLE TO MATCH THE EXISTING POLES ON RIO GRANDE BLVD FROM CENTRAL TO MOUNTAIN. THE POLE SHALL BE UNION METAL GRAY CONCRETE WITH EXPOSED BLACK AGGREGATE. THE POLE SHALL HAVE AN OVERALL LENGTH OF 15'-3" (12" ABOVE GROUND). THE FIXTURE SHALL BE A SUN VALLEY #LCE-70-NPS-WCX480V. INDIVIDUALLY FUSE EACH FIXTURE.
2. FURNISH AND INSTALL 2" PVC CONDUIT WITH 4#2. THE ELECTRICAL CONDUIT AND IRRIGATION PIPING SHALL USE THE SAME DITCH AS MUCH AS POSSIBLE. COORDINATE WITH THE LANDSCAPE DRAWINGS AND CONTRACTOR.
3. FURNISH AND INSTALL A PULL BOX HEAVY DUTY, REINFORCED, POLYMER MORTAR TYPE. THE BOX SHALL BE 23 3/4" X 12 3/4" X 12". THE COVER SHALL BE REINFORCED POLYMER MORTAR TYPE 25 1/4" X 14 1/4" WITH A "LIGHTING" LOGO.
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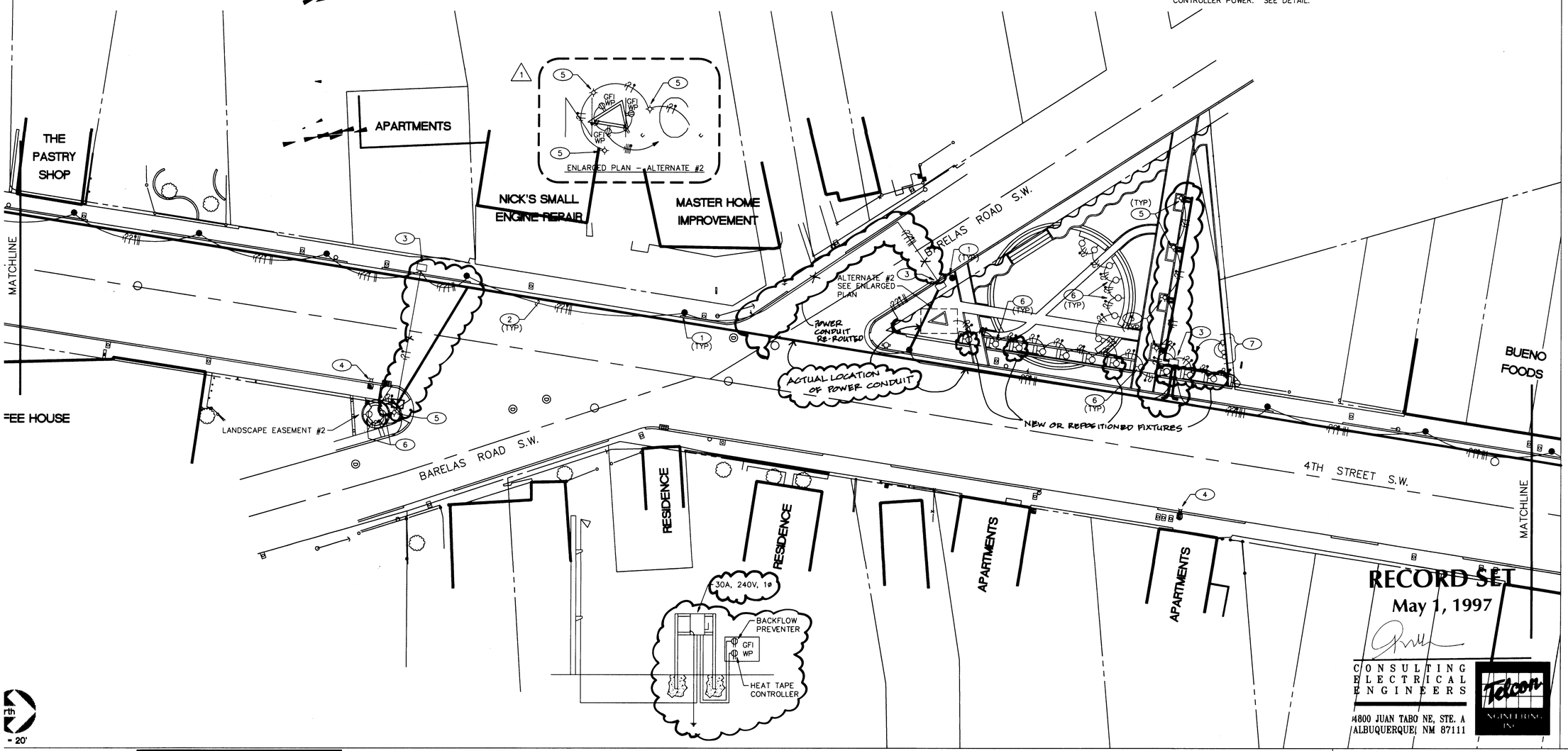
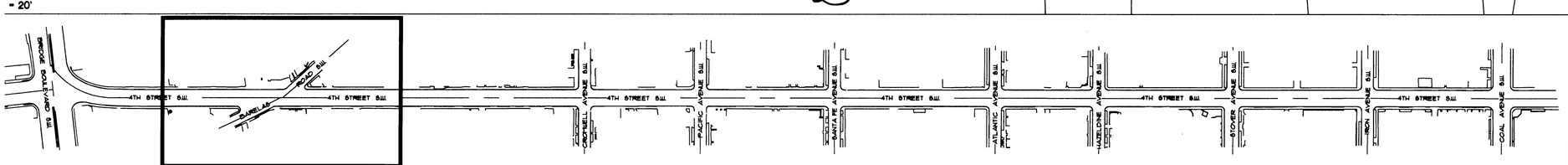
5. FURNISH AND INSTALL A TREE UPLIGHT IMPERIAL BRONZELITE #GMB-6050-MH-FL-277-RGB. COORDINATE WITH LANDSCAPE ARCHITECT AND CONTRACTOR FOR EXACT TREE PLANTING LOCATION. INDIVIDUALLY FUSE EACH FIXTURE.
6. FURNISH AND INSTALL A STEP LIGHT HADCO #RSC3AK5V277VP. COORDINATE MOUNTING WITH ARCHITECTURAL DETAIL. INDIVIDUALLY FUSE EACH FIXTURE.
7. FURNISH AND INSTALL POWER FOR BACK FLOW PREVENTER HEAT TAP AND CONTROLLER POWER. SEE DETAIL.



CONSULTING ELECTRICAL ENGINEERS
4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111

Telcon Consulting Inc.



FOURTH STREET STREETSCAPE KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
B.H. B. 12/21/95	C.E. 12/21/95		8/29/95	
			10/12/95	
			8/29/96	

City Project No.	Zone Map No.	Sheet	Of
4917.90	L-14	E-2	7

AS-BUILT INFORMATION
CONTRACTOR: ALBUQUERQUE UNDERGROUND INC.
MARKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEGACY Rancho DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY ADE DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

SCANNED BY
BY LASON

KEYED NOTES

1. FURNISH AND INSTALL A PEDESTRIAN POLE TO MATCH THE EXISTING POLES ON RIO GRANDE BLVD FROM CENTRAL TO MOUNTAIN. THE POLE SHALL BE UNION METAL GRAY CONCRETE WITH EXPOSED BLACK AGGREGATE. THE POLE SHALL HAVE AN OVERALL LENGTH OF 15'-3" (12" ABOVE GROUND). THE FIXTURE SHALL BE A SUN VALLEY #LCE-70-NPS-WCX480V. INDIVIDUALLY FUSE EACH FIXTURE.
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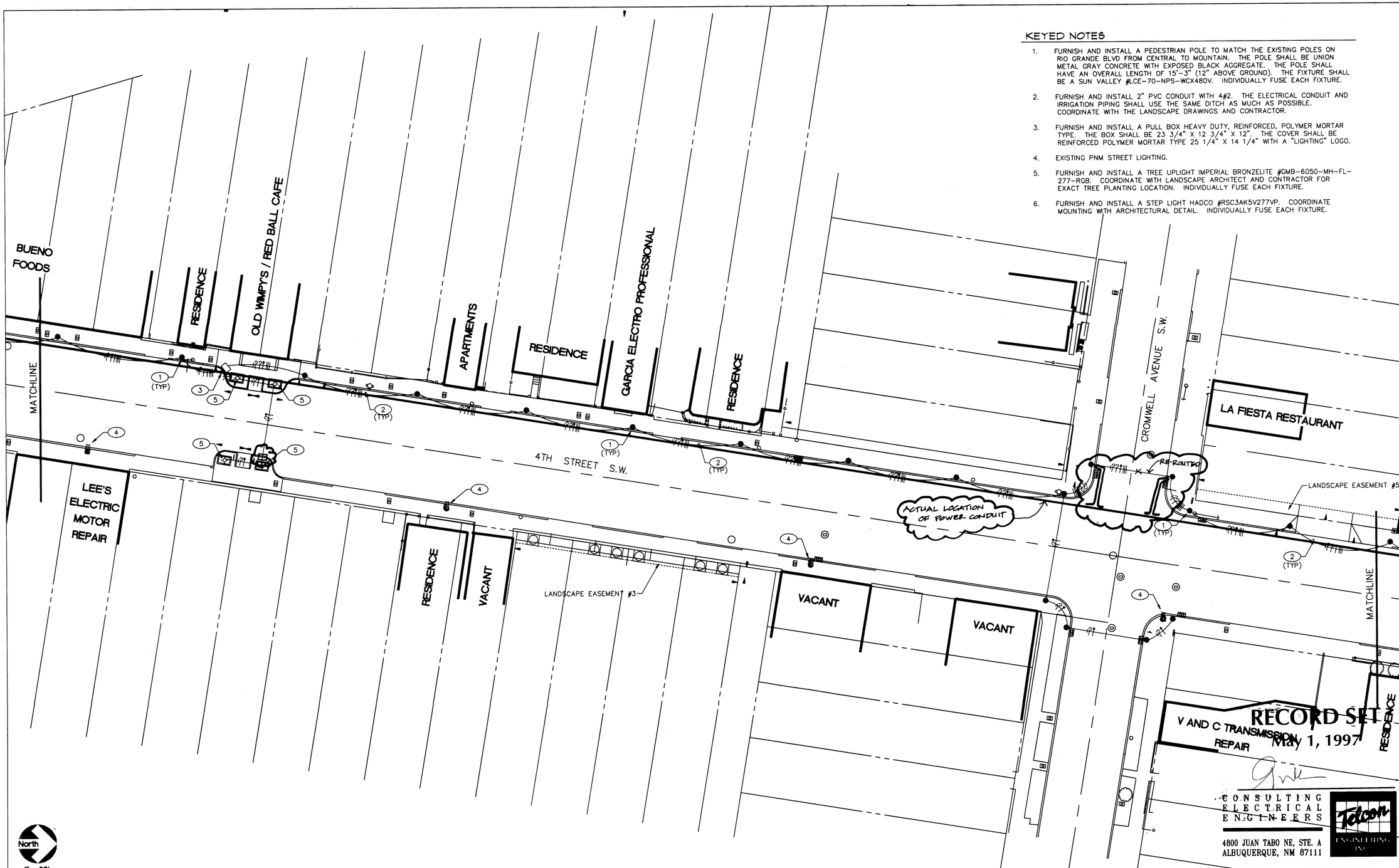
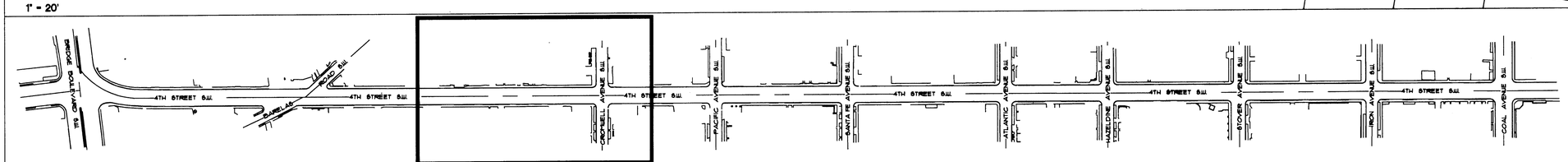


CONSULTING ELECTRICAL ENGINEERS

4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111

Telcon ENGINEERING INC



FOURTH STREET STREETSCAPE KEY

AS-BUILT INFORMATION	
CONTRACTOR	M. RIVERSIDE UNDERGROUND INC.
WORK STAKED BY	C.O.A. DATE 4/1/97
WORK INSPECTED BY	Jerry Romero DATE 4/1/97
ACCEPTANCE	
FIELD VERIFICATION BY	C.O.A. DATE 5/1/97
DRAWINGS CORRECTED BY	A.V. DATE 5/1/98
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

5147

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.
B.J.P. 12/21/95	C.E. 12/21/95		8/29/95
			10/12/95
			8/29/96

City Project No. 4917.90 | Zone Map No. L-14 | Sheet E-3 Of 7

SCANNED BY BY LASON

KEYED NOTES

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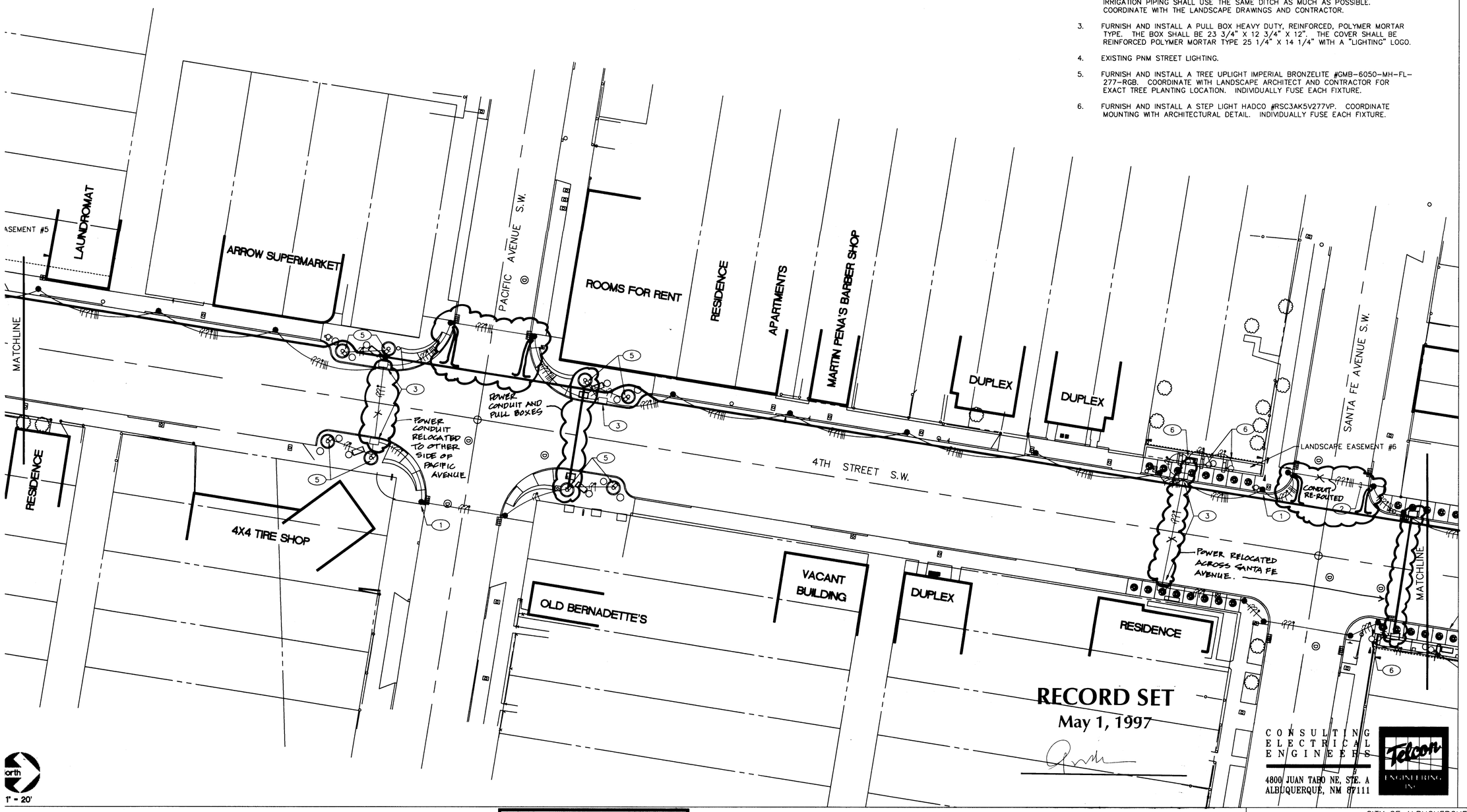

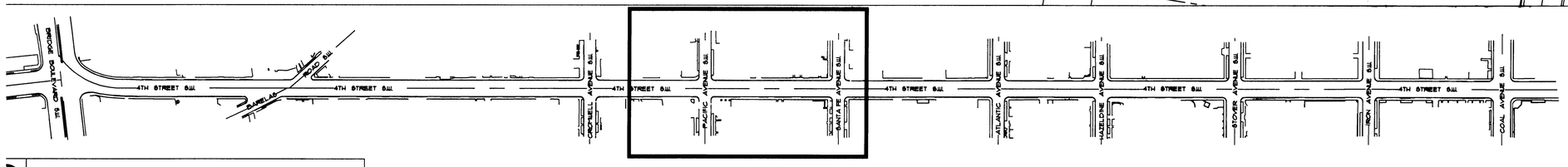

FOURTH STREET STREETSCAPE KEY

AS-BUILT INFORMATION
CONTRACTOR & EBUQUERQUE UNDERGROUND
STAKED BY C.D.A. DATE 4/97
INSPECTION & ACCEPTANCE BY LEANNY BARNES DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 8/97
DRAWINGS CORRECTED BY A.V. DATE 9/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
5-1-97

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		8/29/95	
			10/12/95	
			8/29/96	

City Project No. 4917.90 | Zone Map No. L-14 | Sheet E-4 Of 7

SCANNED BY BY LASON

KEYED NOTES

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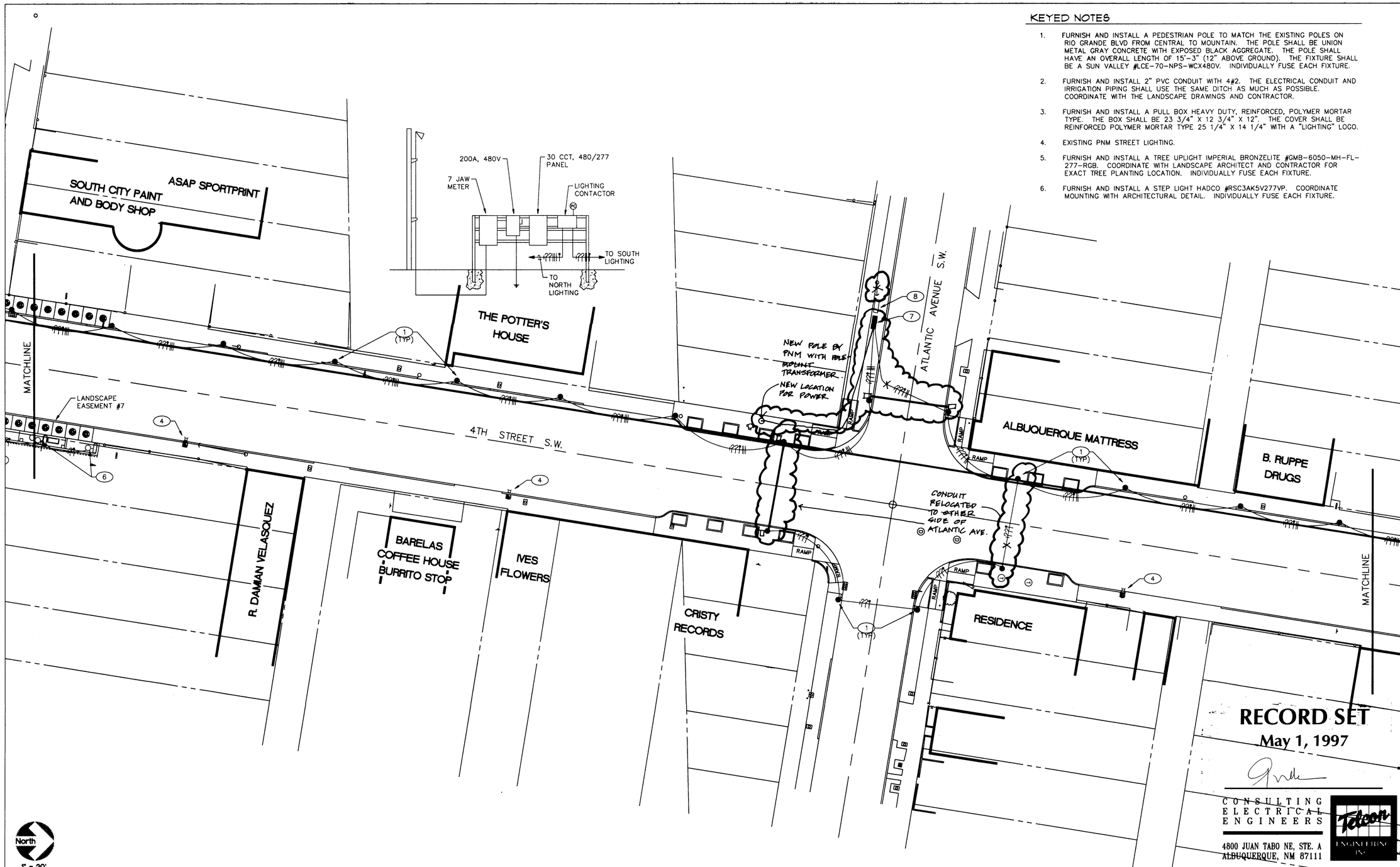

RECORD SET
May 1, 1997

CONSULTING ELECTRICAL ENGINEERS
4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111
Telcon ENGINEERING INC

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Larry Garcia DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY A.O.T. DATE 8/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
5-1-97

NO.	DATE	REVISIONS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

REMARKS
DESIGN
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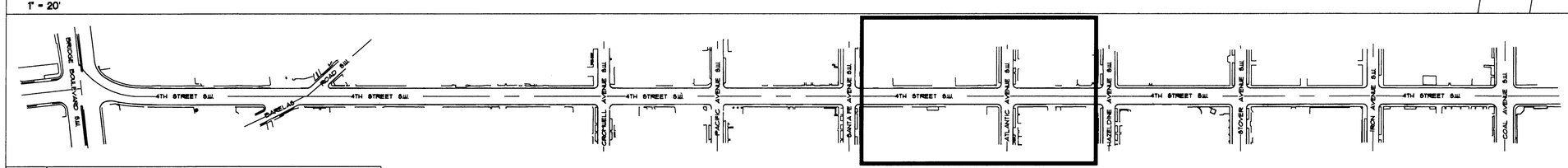


FOURTH STREET STREETSCAPE KEY

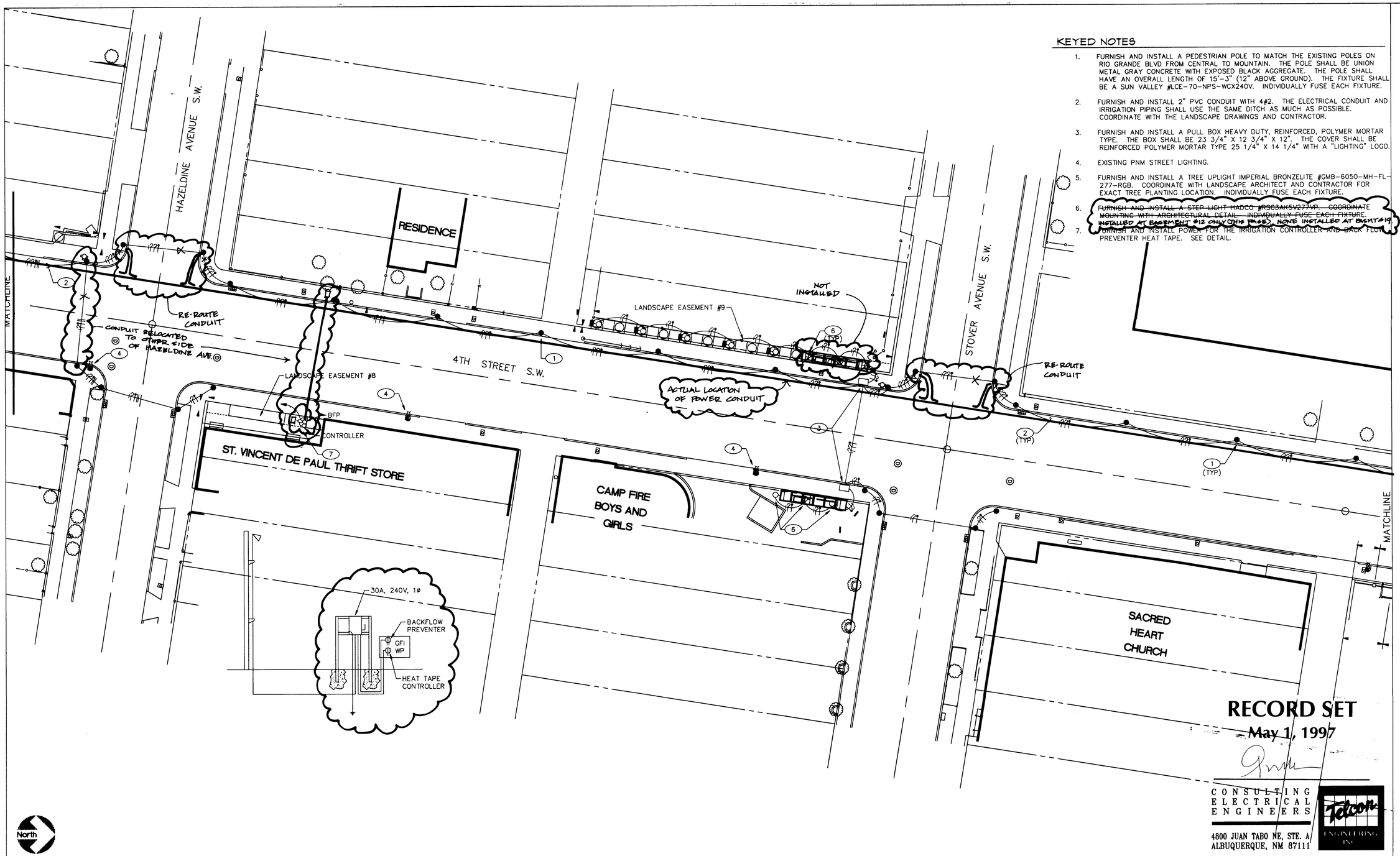
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	CE 12/21/95		8/29/95	
			10/12/95	
			8/29/96	

City Project No. 4917.90 | Zone Map No. L-14 | Sheet E-5 Of 7

SCANNED BY BY LASON



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7. ~~FURNISH AND INSTALL POWER FOR THE IRRIGATION CONTROLLER AND BACK FLOW~~ PREVENTER HEAT TAPE. SEE DETAIL.

RECORD SET
May 1, 1997

CONSULTING ELECTRICAL ENGINEERS
4800 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111

Telcon ENGINEERING INC

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
SURVEY STAKED BY C.D.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LENNY Romero DATE 4/97
FIELD CONFIRMATION BY C.D.A. DATE 8/97
DRAWINGS CORRECTED BY AUT DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
5-1-97

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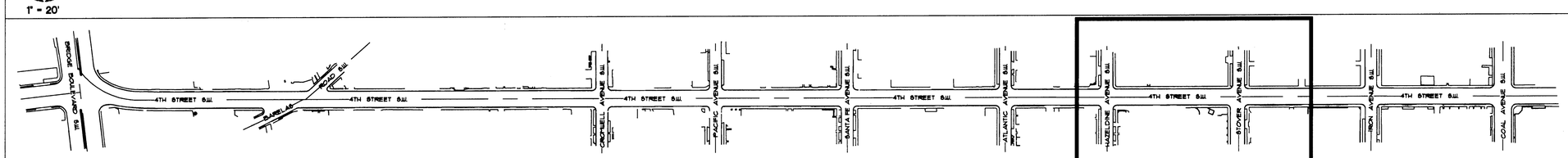

FOURTH STREET STREETSCAPE KEY

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **FOURTH STREET STREETSCAPE**
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
12/21/95	12/21/95		8/29/95	
			10/12/95	
			8/29/96	

City Project No.	Zone Map No.	Sheet
4917.90	L-14	E-6 Of 7

SCANNED BY BY LASON

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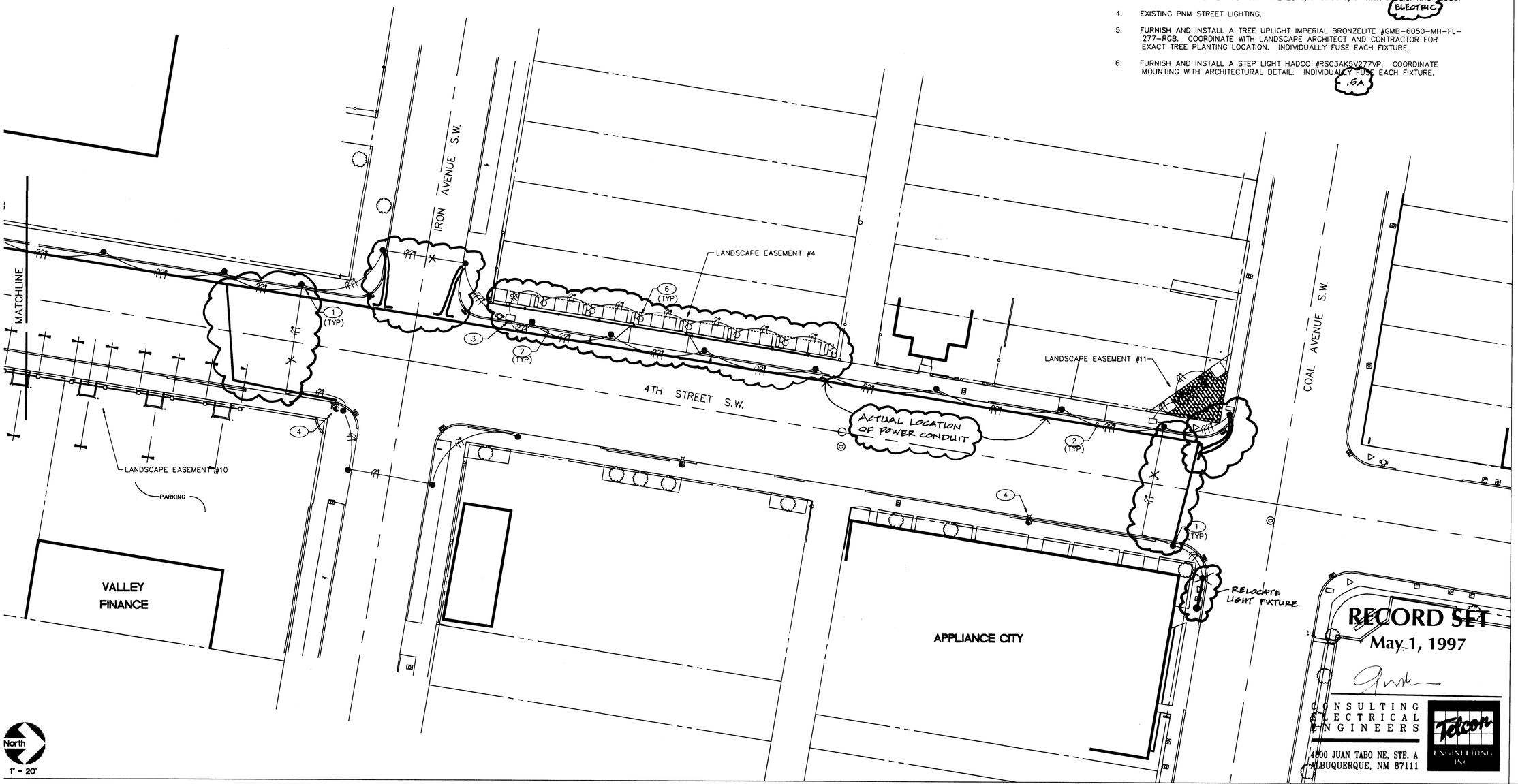

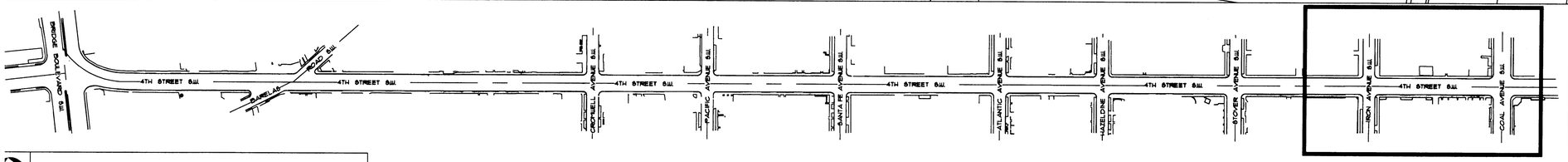

FOURTH STREET STREETSCAPE KEY

RECORD SET
May 1, 1997

CONSULTING ELECTRICAL ENGINEERS
4000 JUAN TABO NE, STE. A
ALBUQUERQUE, NM 87111
Telcom ENGINEERING, INC.

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Larry Romero DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 5/97
DRAWINGS CORRECTED BY A.U.I. DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
5-1-97

NO.	DATE	REMARKS	BY
1	6/18/96	ISSUED FOR CONSTRUCTION	

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: FOURTH STREET STREETSCAPE
BARELAS NEIGHBORHOOD, ALBUQUERQUE, NEW MEXICO

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
8/29/95 12/21/95	12/21/95		8/29/95	
			10/12/95	
			8/29/96	

City Project No. 4917.90 | Zone Map No. L-14 | Sheet E-7 Of 7

SCANNED BY BY LASON

TRAFFIC CONTROL GENERAL NOTES

1. REFER TO SHEETS TC-2 AND TC-3 FOR ADDITIONAL NOTES AND TYPICAL CONSTRUCTION TRAFFIC CONTROL REQUIREMENTS AND STRATEGIES.

2. SEPARATE PERMITS WILL BE REQUIRED FOR EVERY LANE CLOSURE. EACH PERMIT SHALL BE CLEARED BY THE CONSTRUCTION COORDINATION DIVISION OF THE CITY OF ALBUQUERQUE FOR INTERFERENCE WITH OTHER CONSTRUCTION PROJECTS. THE CONTRACTOR SHALL ALLOW ENOUGH TIME BETWEEN THE PERMIT REQUEST AND CONSTRUCTION BEFORE SCHEDULING CREWS AND EQUIPMENT.

3. PROVIDE FLAGGER CONTROL AS NEEDED BETWEEN THE HOURS OF 9:30AM AND 3:30PM ONLY. LANES MUST BE OPEN FOR TRAFFIC OUTSIDE OF THIS TIME.

4. CONTRACTOR SHALL COORDINATE WITH THE CITY'S CONSTRUCTION COORDINATION DIVISION TO INSURE THAT PROJECT MONITORING PERSONNEL ARE ON-DUTY DURING THE PROPOSED WORK SCHEDULE.

5. CONTRACTOR SHALL IMPLEMENT, MAINTAIN AND MANAGE CONSTRUCTION TRAFFIC AND PEDESTRIAN ACCESS CONTROL ON THE PROJECT TO PROVIDE SAFE WORKING CONDITIONS FOR ALL PROJECT PERSONNEL AND SAFE VEHICULAR AND PEDESTRIAN ACCESS THROUGH AND AROUND WORK AREAS AT ALL TIMES.

6. THE CONTRACTOR SHALL REMEDY UNSAFE CONSTRUCTION TRAFFIC CONTROL CONDITIONS IMMEDIATELY UPON DISCOVERY OR NOTIFICATION.

7. WORK AREAS SHALL BE LIMITED TO A MAXIMUM OF 3 INTERSECTIONS AND 3 CONNECTING BLOCKS AT ONE TIME. WORK SHALL BE SCHEDULED TO MINIMIZE DISRUPTION AND CONTINUE OPERATIONS TO A SMALL AREA.

8. TWO WORKING DAYS PRIOR TO THE INITIAL CONSTRUCTION TRAFFIC CONTROL SETUP IN EACH WORK AREA, AND TWO WORKING DAYS PRIOR TO ALL CHANGES IN CONSTRUCTION TRAFFIC CONTROL WHICH INVOLVE STREET OR LANE CLOSURES, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING:

   LOCAL BUSINESSES AND/OR LOCAL RESIDENTS
   LOCAL NEWS MEDIA

9. THE CONTRACTOR SHALL REVIEW THE OPERATIONAL PRACTICES AND PROCEDURES ON A DAILY BASIS TO EXPEDITE THE WORK AND CLEAR THE RIGHT-OF-WAY AS SOON AS POSSIBLE.

10. TEMPORARY TRAFFIC CONTROL STRIPPING NEED NOT BE PLACED WHERE THE DURATION OF THE TRAFFIC CONTROL STEP IS LESS THAN SEVEN CALENDAR DAYS AND TRAFFIC CONTROL REQUIREMENTS CAN BE CLEARLY DELINEATED BY OTHER MEANS.

11. CONTRACTOR SHALL SWEEP ROADWAY SHOULDERS AND DETOURS FREE OF DEBRIS BEFORE ROUTING TRAFFIC ONTO SHOULDERS AND DETOURS.

12. ALL WARNING SIGNS SHALL BE 36" x 36" MINIMUM WITH SUPER ENGINEERING GRADE OR GREATER AND SHALL HAVE AT LEAST ONE WARNING LIGHT.

13. ALL COST FOR CONSTRUCTION TRAFFIC CONTROL INCLUDING BUT NOT LIMITED TO COORDINATION, PLANNING, SCHEDULING, WORK DURING OFF - HOURS, SETUPS, RESETTING, MAINTENANCE, TAKEDOWWNS, FLAGGERS, STRIPPING, STRIPPING REMOVAL, SIGNS, BARRICADES, BARRELS, POST, BASES, TRAFFIC CONTROL, FENCING, CONCRETE BARRIERS, CRASH CUSHIONS, TEMPORARY PAVEMENT, TEMPORARY PAVEMENT REMOVAL AND DISPOSAL, PLATING, PATCHING, ETC., SHALL BE INCLUDED IN THE LUMP SUM BID FOR CONSTRUCTION TRAFFIC CONTROL. PHASE PLANS ARE MINIMUM TRAFFIC CONTROL. FIELD ADJUSTMENTS WILL BE NECESSARY AS PARTICULAR WORK IS DONE. MODIFICATIONS ARE INCLUDED IN THIS BID ITEM.

14. ALL NON-APPLICABLE SIGNING SHALL BE REMOVED OR COVERED COMPLETELY WITH AN OPAQUE NON LIGHT-TRANSMITTING MATERIAL. ALL REMAINING NON-APPLICABLE TRAFFIC CONTROL DEVICES ARE TO BE REMOVED AND STORED AT LOCATIONS DESIGNATED BY THE PROJECT MANAGER.

15. THE CONTRACTOR SHALL PREPARE A DETAILED PATH PROJECT SCHEDULE FOR THE PROJECT BEFORE BEGINNING CONSTRUCTION. THIS SCHEDULE SHALL BE SUBMITTED TO THE CITY'S CONSTRUCTION COORDINATOR FOR REVIEW, COMMENTS, AND APPROVAL. THE SCHEDULE WILL BE USED FOR ESTABLISHING MAJOR CONSTRUCTION OPERATIONS AND FOR DETERMINING THE PROGRESS OF THE WORK. SHOULD IT BECOME APPARENT TO THE PROJECT MANAGER OR THE CONTRACTOR THAT THE CONTRACTOR WILL NOT BE ABLE TO MEET THE REQUIREMENTS OF THE SCHEDULE, THE CONTRACTOR SHALL SUBMIT A REVISED SCHEDULE REFLECTING THE ACTUAL AUTHORIZED TIME LEFT FOR REVIEW AND APPROVAL. REQUEST FOR TIME EXTENSIONS SUBMITTED BY THE CONTRACTOR WILL BE COMPARED TO THE CRITICAL PATH AND APPROVED OR DENIED ON THIS BASIS. THE CONTRACTOR SHALL UPDATE THE SCHEDULE MONTHLY AND SUBMIT WITH THE MONTHLY PAYMENT REQUEST.

RECORD SET
May 1, 1997

AS-BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.D.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY LEANN Romero DATE 4/97
FIELD VERIFICATION BY C.D.A. DATE 5/97
DRAWINGS CORRECTED BY A.U.I. DATE 5/97
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BENCH MARKS

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FIELD NOTES
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ENGINEER'S SEAL
ALBERT M. THOMAS JR. NEW MEXICO PROFESSIONAL ENGINEER 11416

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY
DRAWN BY
CHECKED BY

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4TH STREET STREETSCAPE
TRAFFIC CONTROL - GENERAL NOTES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		12/21/95	WASTE WATER		12/21/95
HYDROLOGY			TRAF. OPER.		

DRAWING NO. 4917.90 | MAP NO. | SHEET TC-1 OF 10

TRANS•ET9522914 NOTES.DWF

SCANNED BY LASON

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

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

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

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

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

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

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

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

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

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

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

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 8:30 A.M. OR END WORK AFTER 4:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

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

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

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

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

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

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

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

19. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

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

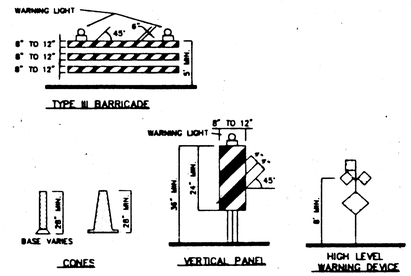
21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

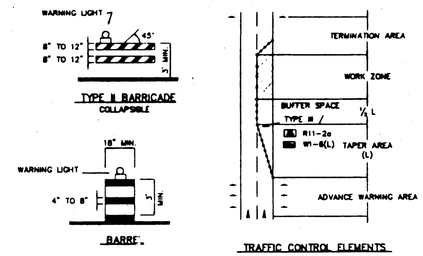
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
    2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
    3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS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

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

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

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





LEGEND

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

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

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET) 10' LANE	11' LANE	12' LANE	MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	185	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0–20	10 X SPEED LIMIT	10 X SPEED LIMIT
25–30	10 X SPEED LIMIT	10 X SPEED LIMIT
30–35	10 X SPEED LIMIT	10 X SPEED LIMIT
40–45	10 X SPEED LIMIT	10 X SPEED LIMIT
50–60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

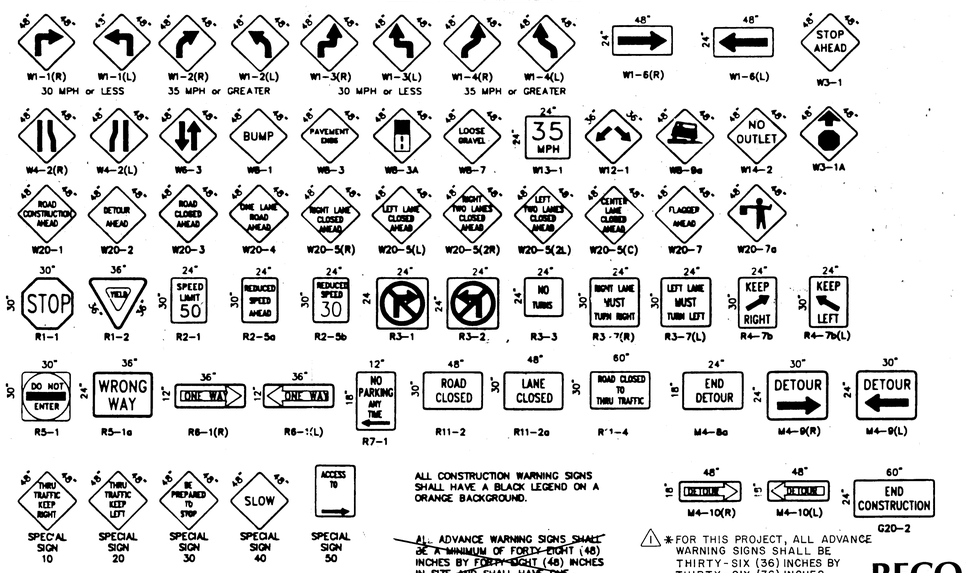
TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	2/3 L MINIMUM
SHOULDER TAPER	1/3 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

SIGN FACE DETAILS



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

~~ALL ADVANCE WARNING SIGNS SHALL BE A MINIMUM OF FORTY-EIGHT (48) INCHES BY FORTY-EIGHT (48) INCHES IN SIZE AND SHALL HAVE ONE WARNING LIGHT.~~

1 *FOR THIS PROJECT, ALL ADVANCE WARNING SIGNS SHALL BE THIRTY-SIX (36) INCHES BY THIRTY-SIX (36) INCHES. SUPER ENGINEERING GRADE OR GREATER

RECORD SET
May 1, 1997

AS BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNIVERSITY FOUND INC.
WORK STAKED BY C.O.A. DATE 4/97
INSPECTOR'S REPORT REVIEWED BY LEARY Barnes DATE 5/97
FIELD VERIFICATION BY L.D.A. DATE 5/97
DRAWINGS CORRECTED BY A.D.Z. DATE 5/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	8/18/96	ISSUED FOR CONSTRUCTION	
	9-15-96	5.14" x 3.14" Advance Warning Signs	RHT

REVISIONS

DESIGN
DESIGNED BY RICARDO ROYBAL P.E. DATE JUL. 1992
DRAWN BY CADD. - A.F.V. DATE AUG. 1992
CHECKED BY DATE

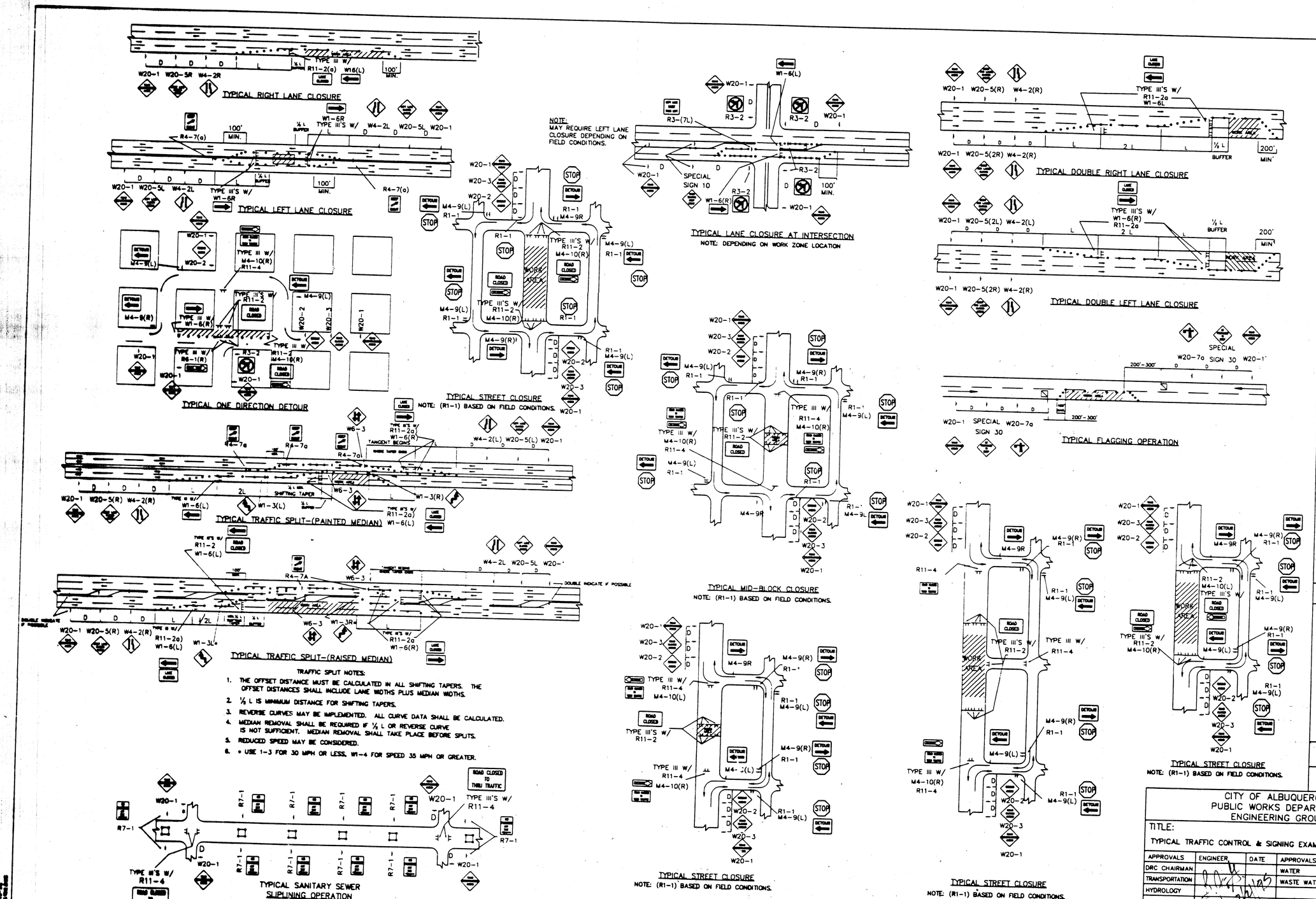
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

PROJECT NO.	MAP NO.	SHEET	OF
4917.90		TC-2	10

SCANNED BY BY LASON



AS BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.D.A. DATE 4/97
FIELD VERIFIED BY DATE
MATERIALS ACCEPTANCE BY LEGALY Reviewed DATE 5/97
FINAL INSPECTION BY C.D.A. DATE 8/97
CORRECTED BY A.U.I. DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS

DESIGNED BY	RICARDO ROTIBAL, P.E.	DATE	NOV. 1991
DRAWN BY	C.A.D.D./W.L.B./A.F.V.	DATE	NOV. 1991
CHECKED BY		DATE	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

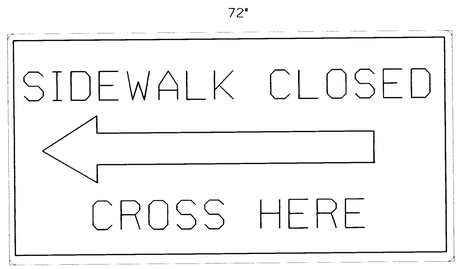
TITLE:
TYPICAL TRAFFIC CONTROL & SIGNING EXAMPLES (REF. M.U.T.C.D.)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

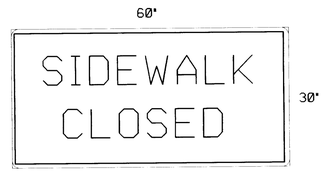
PROJECT NO.	MAP NO.	SHEET	OF
4917.90		TC-3	10

RECORD SET
May 1, 1997

SCANNED BY
BY LASON



SA-1
B/W RB



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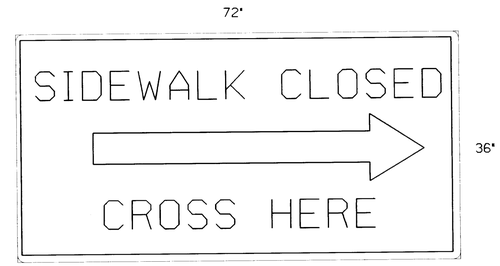
B/W RB



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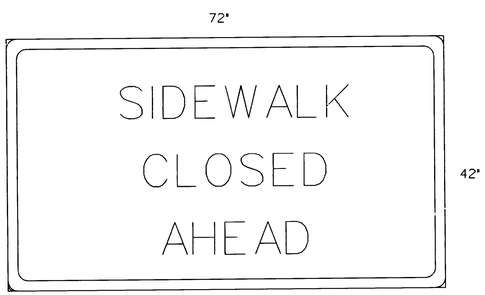
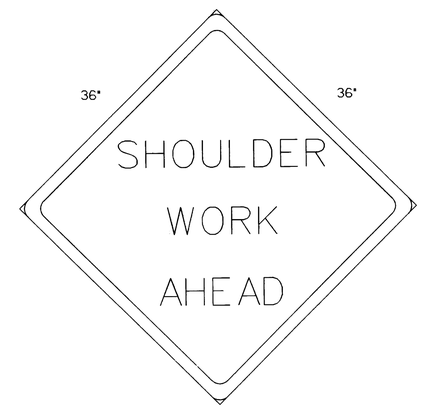
B/W RB

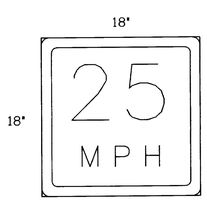


SA-5
B/W RB

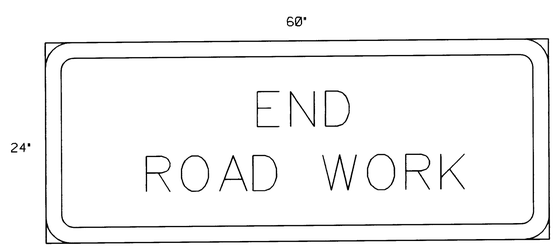
W23-4
B/O RB



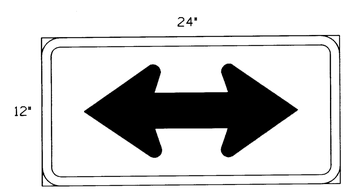
W21-5
B/O RB



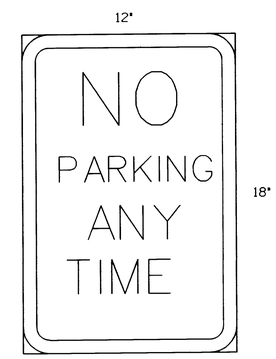
W13-1
B/Y RB



G20-2
B/O



W1-7
B/Y BR



R7-1f
R/W

RECORD SET
May 1, 1997

AS BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
STAKED BY C.O.A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Lenny Romero DATE 4/97
FIELD VERIFICATION BY C.O.A DATE 8/98
DRAWINGS CORRECTED BY AOT DATE 8/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY
DRAWN BY
CHECKED BY

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
TRAFFIC CONTROL SIGN DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY			TRAF. OPER.		

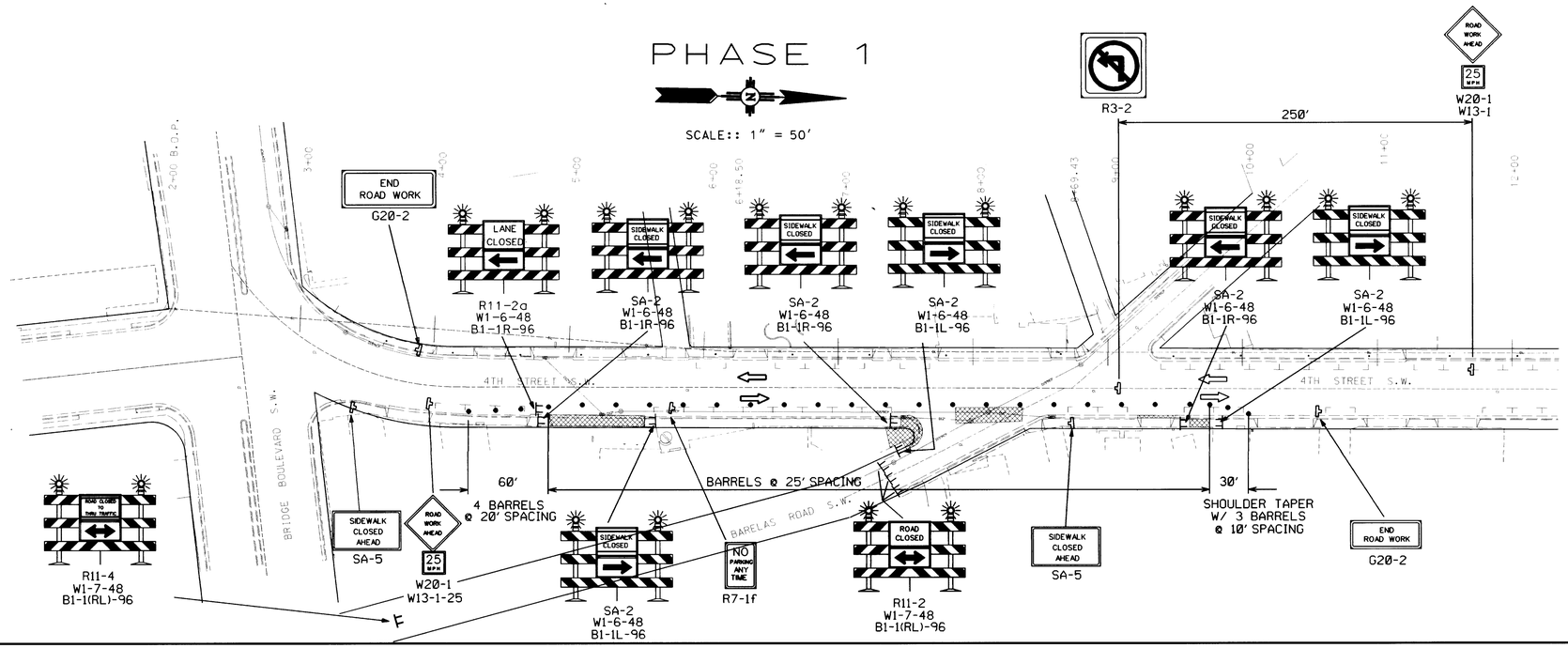
DRAWING NO.	MAP NO.	SHEET OF
4917.90		TC-4 10

DETAIL.DGN

SCANNED BY BY LASON

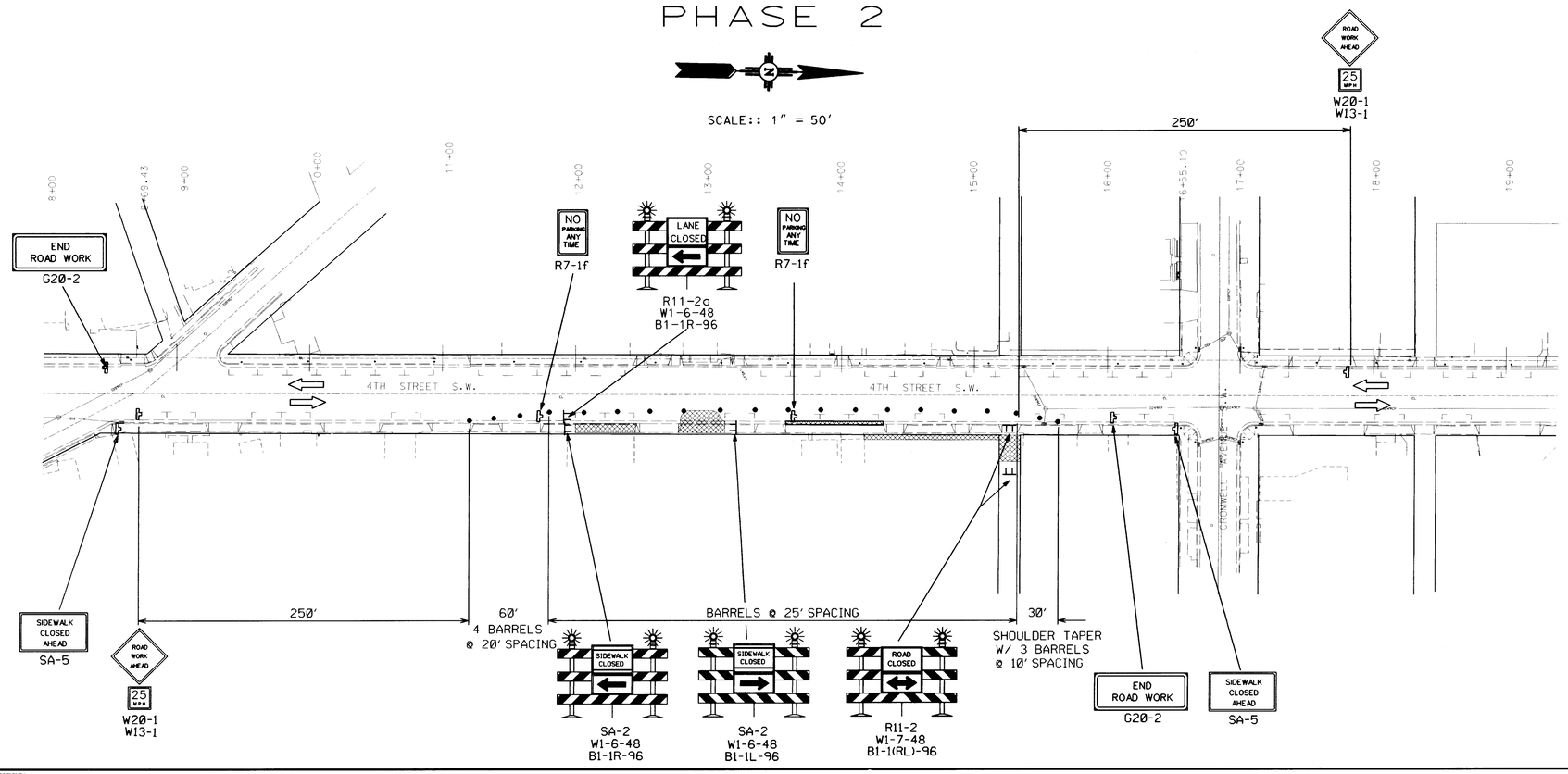
PHASE 1

SCALE:: 1" = 50'



PHASE 2

SCALE:: 1" = 50'



LEGEND

- SIGN(S) AS INDICATED
- INDICATES DIRECTION OF TRAFFIC FLOW
- CHANNELIZATION DEVIC. TYPE "H"
- TYPE III BARRICADE LEFT, RIGHT OR CHEVERON AS APPROPRIATE
- WORK ZONE
- FLAGMAN

RECORD SET
May 1, 1997

AS BUILT INFORMATION

CONTRACTOR Barnhart Crane & Rigging Co. INC.
WORK STAKED BY C. O. A. DATE 4/97
INSPECTOR'S ACCEPTANCE BY Lenny Romero DATE 4/97
AS-BUILT VERIFICATION BY C. O. A. DATE 4/97
DRAWINGS CORRECTED BY AUI DATE 5/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
	6/6/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED
DRAWN BY
CHECKED BY

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
TRAFFIC CONTROL - PHASE ONE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		12/21/95	WASTE WATER		12/21/95
HYDROLOGY			TRAF. OPER.		

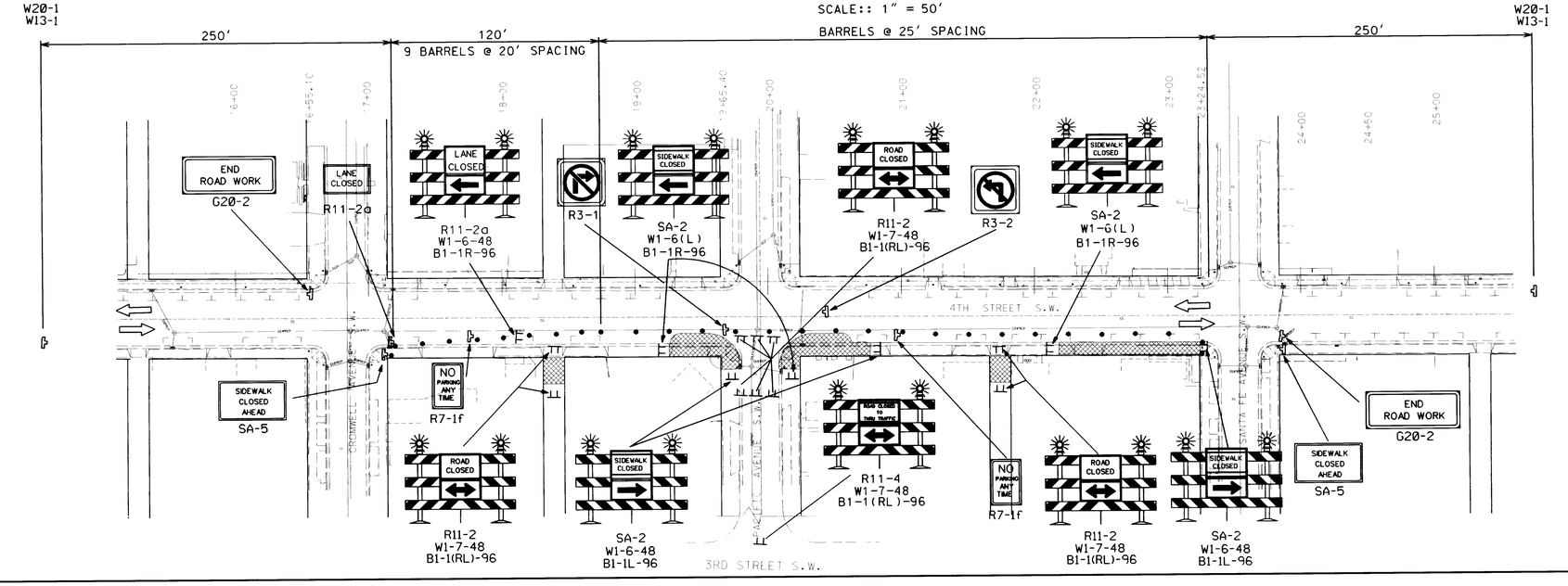
DRAWING NO.	MAP NO.	SHEET	OF
4917.90		TC-5	10

SCANNED BY
BY LASON

TRANS:(T9522913)TC-SHEET1

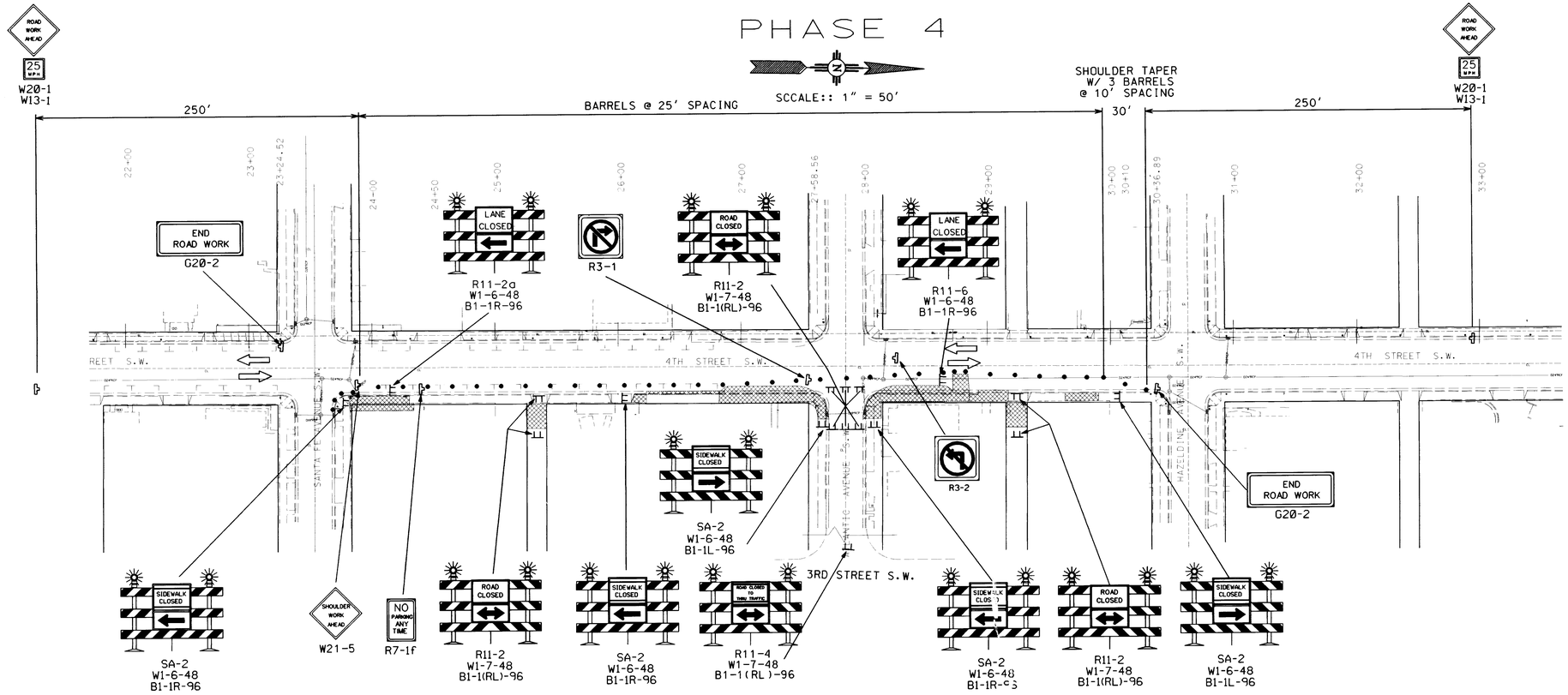
PHASE 3

SCALE:: 1" = 50'



PHASE 4

SCCALE:: 1" = 50'



LEGEND

- SIGN(S) AS INDICATED
- INDICATES DIRECTION OF TRAFFIC FLOW
- CHANNELIZATION DEVIC. TYPE "H"
- TYPE III BARRICADE LEFT, RIGHT OR CHEVERON AS APPROPRIATE
- WORK ZONE
- FLAGMAN

AS BUILT INFORMATION
CONTRACTOR ALBUQUERQUE UNDERGROUND INC.
WORK STAKED BY C.D.A. DATE 4/97
INSPECTOR'S NOTIFICATION BY LEONY ROMERO DATE 4/97
FIELD VERIFICATION BY C.O.A. DATE 9/97
DRAWINGS CORRECTED BY A.U.I. DATE 9/98
MICRO FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
ALBERT M. THOMAS JR. NEW MEXICO 10141 PROFESSIONAL ENGINEER

NO	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY
DRAWN BY
CHECKED BY

RECORD SET
May 1, 1997

BOHANNAN HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
TRAFFIC CONTROL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		12/21/95	WASTE WATER	CE	12/21/95
HYDROLOGY			TRAF. OPER.		

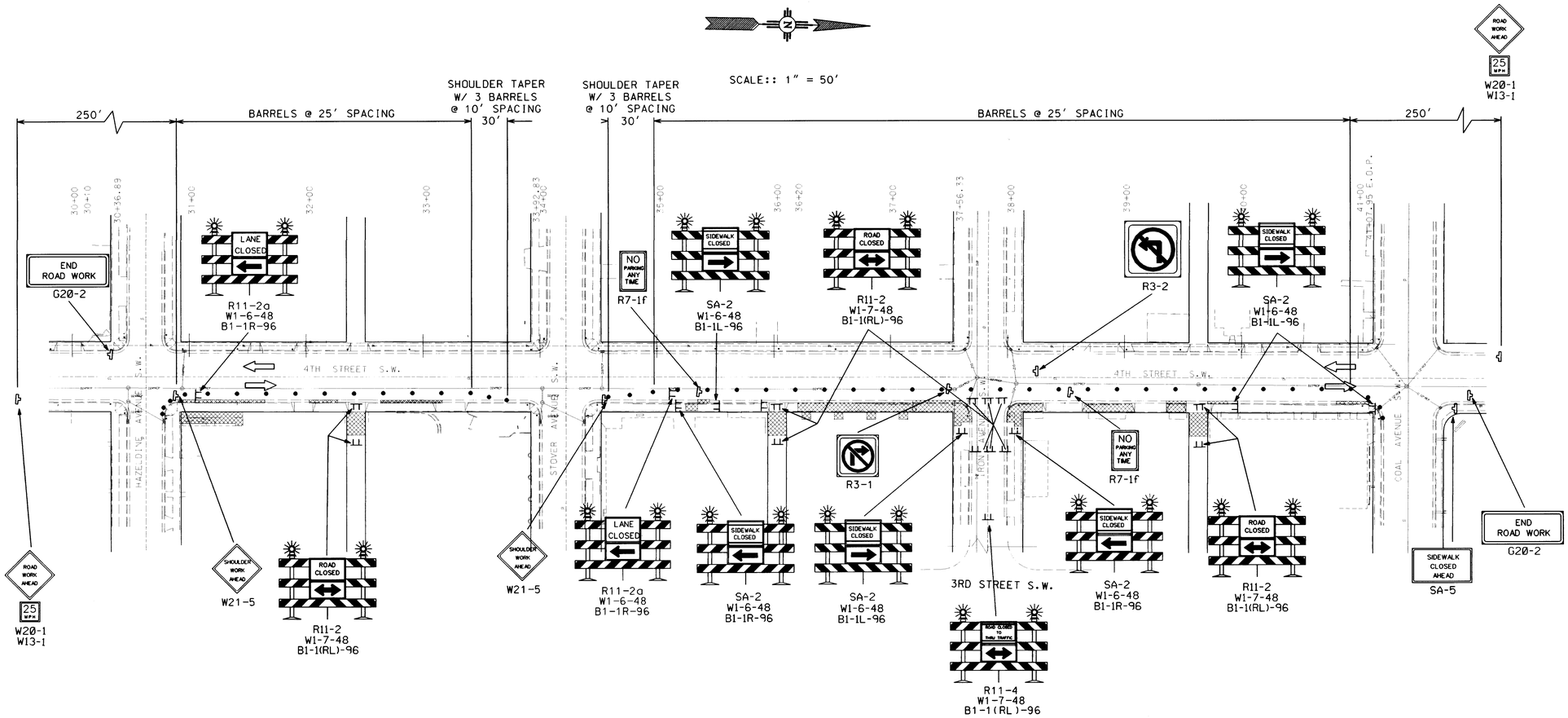
DRAWING NO. 4917.90 | MAP NO. | SHEET TC-6 OF 10

SCANNED BY
BY LASON

TRANS1T95229130TC-SHEET2

PHASE 5

SCALE:: 1" = 50'



LEGEND

- SIGN(S) AS INDICATED
- INDICATES DIRECTION OF TRAFFIC FLOW
- CHANNELIZATION DEVIC. TYPE "H"
- TYPE III BARRICADE LEFT, RIGHT OR CHEVERON AS APPROPRIATE
- WORK ZONE
- FLAGMAN

RECORD SET
May 1, 1997

AS-BUILT INFORMATION
CONTRACTOR ~~[illegible]~~ INC.
WORK STAKED BY — DATE
INSPECTED BY — DATE
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
ALAN W. TAGG
NEW MEXICO
11476
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
	6/10/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY
DRAWN BY
CHECKED BY

BOHANNAN-HUSTON INC.
ENGINEERS = PLANNERS = PHOTOGRAMMETRISTS = SURVEYORS = LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
TRAFFIC CONTROL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		12/21/95	WASTE WATER	CE	12/21/95
HYDROLOGY			TRAF. OPER.		

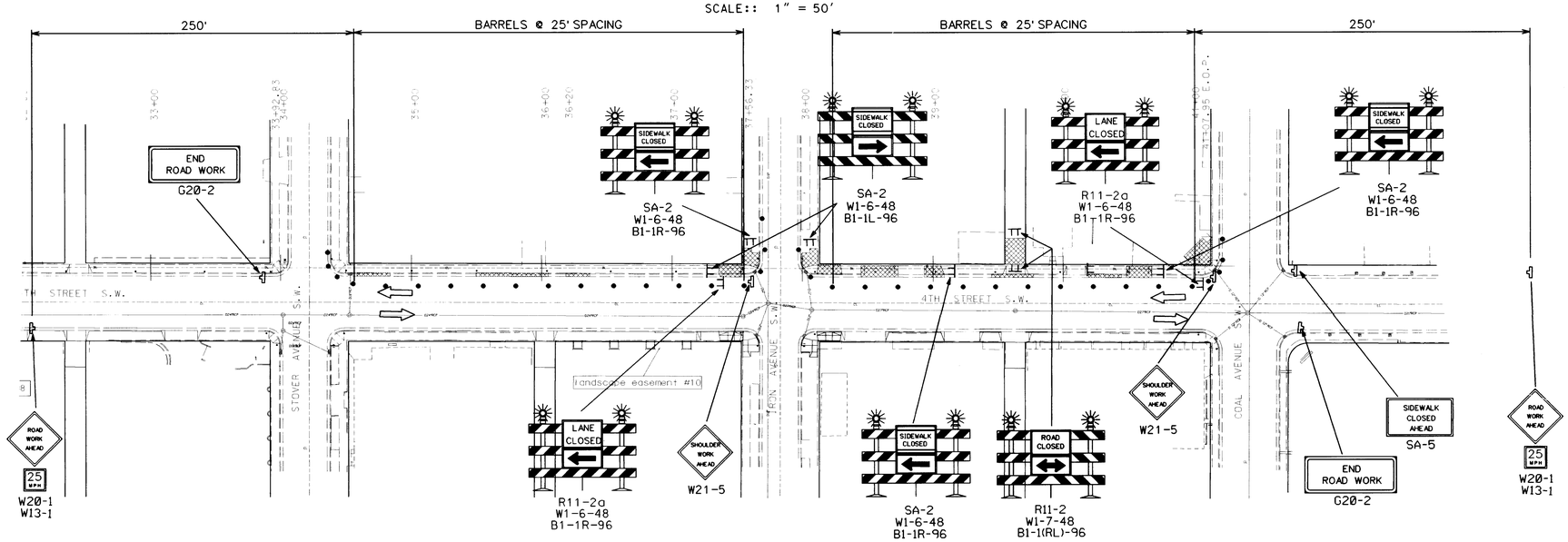
DRAWING NO. 4917.90 | MAP NO. | SHEET TC-7 OF 10

TRANS:(T9522913)TC-SHEET3

SCANNED BY BY LASON

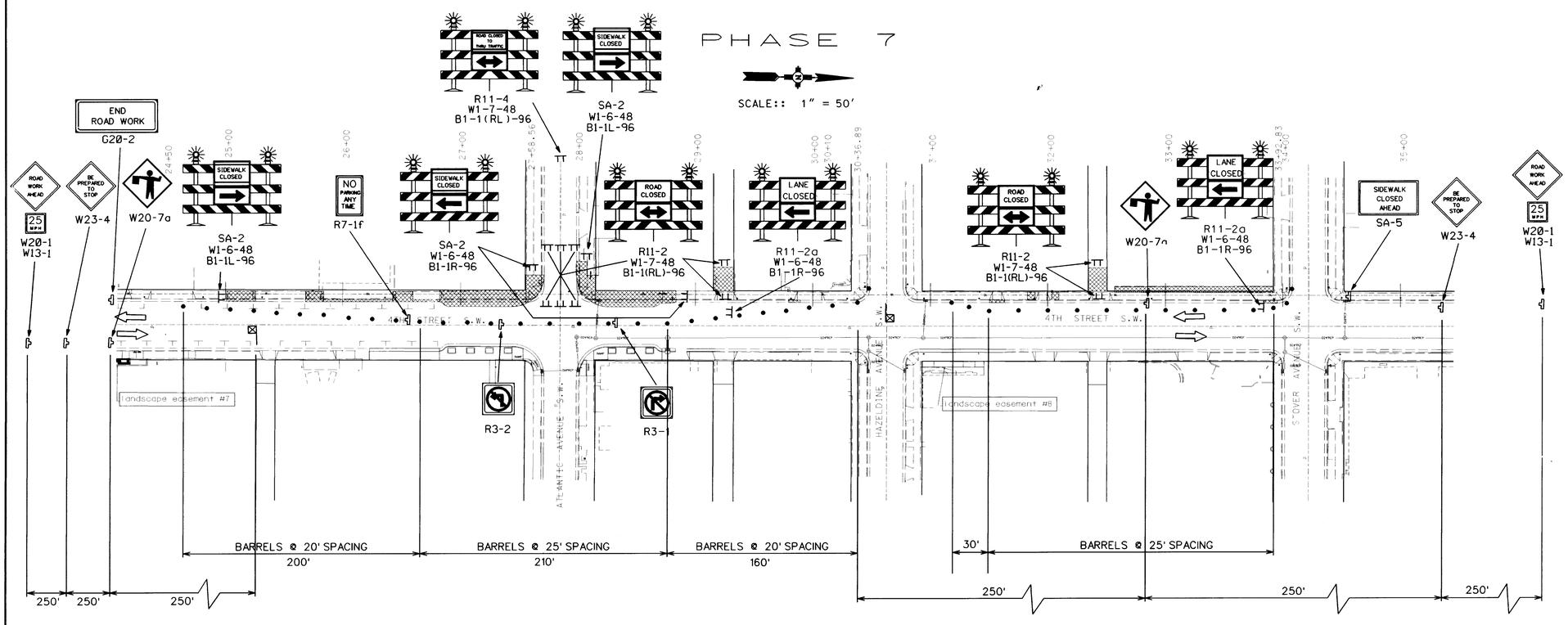
PHASE 6

SCALE:: 1" = 50'



PHASE 7

SCALE:: 1" = 50'



LEGEND

- SIGN(S) AS INDICATED
- INDICATES DIRECTION OF TRAFFIC FLOW
- CHANNELIZATION DEVIC. TYPE "H"
- TYPE III BARRICADE LEFT, RIGHT OR CHEVERON AS APPROPRIATE
- WORK ZONE
- FLAGMAN

AS BUILT INFORMATION
CONTRACTOR [redacted]
WORK STAKED BY C.O.A. DATE 4/97
SURVEYED BY
ACCEPTANCE BY Leroy Romero DATE 4/97
VERIFICATION BY C.O.A. DATE 8/97
DRAWINGS CORRECTED BY AUI DATE 8/98
MICRO FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO BY DATE

ENGINEER'S SEAL

RECORD SET
May 1, 1997

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY
DRAWN BY
CHECKED BY

BOHANNAN HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
TRAFFIC CONTROL

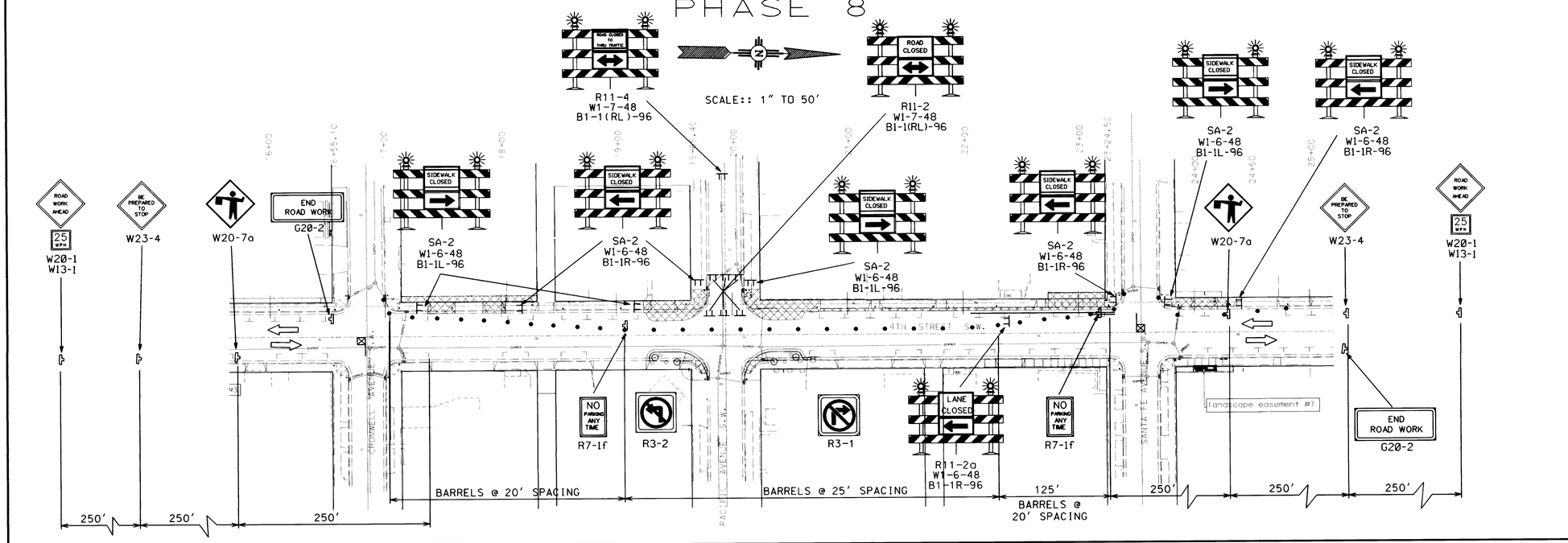
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		12/12/96	WASTE WATER		12/12/96
HYDROLOGY			TRAF. OPER.		

DRAWING NO.	MAP NO.	SHEET	OF
4917.90		TC-8	10

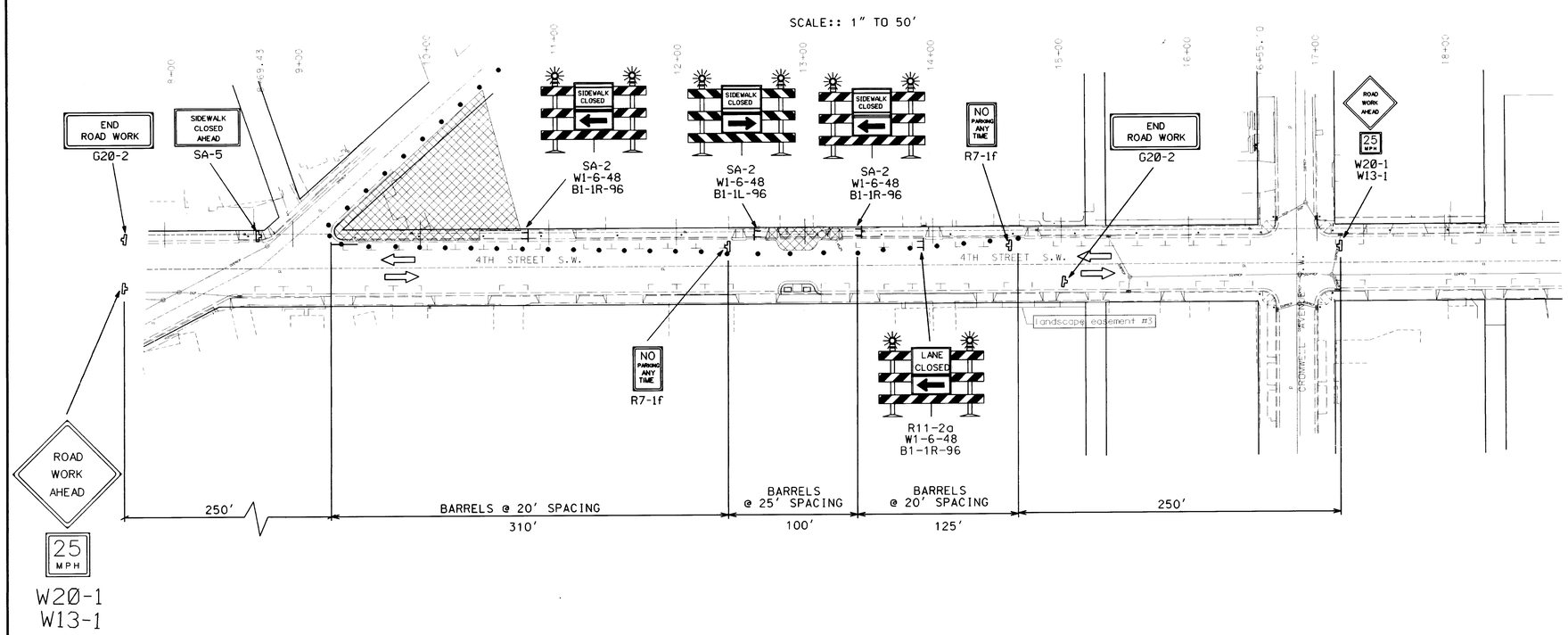
TRANS(T9522913TC:SHEET4

SCANNED BY
BY JASON

PHASE 8



PHASE 9



LEGEND

- SIGN(S) AS INDICATED
- INDICATES DIRECTION OF TRAFFIC FLOW
- CHANNELIZATION DEVIC. TYPE "H"
- TYPE III BARRICADE LEFT, RIGHT OR CHEVERON AS APPROPRIATE
- WORK ZONE
- FLAGMAN

AS BUILT INFORMATION
CONTRACTOR: ALBUQUERQUE CONSTRUCTORS INC.
WORK STAKED BY: C.O.A. DATE 4/97
INSPECTORS ACCEPTANCE BY: Lenny Romero DATE 4/97
FIELD VERIFICATION BY: C.O.A. DATE 5/97
DRAWINGS CORRECTED BY: AVI DATE 5/98
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY
DRAWN BY
CHECKED BY

RECORD SET
May 1, 1997

BOHANNAN HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
TRAFFIC CONTROL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		12/21/95	WASTE WATER		12/21/95
HYDROLOGY			TRAF. OPER.		

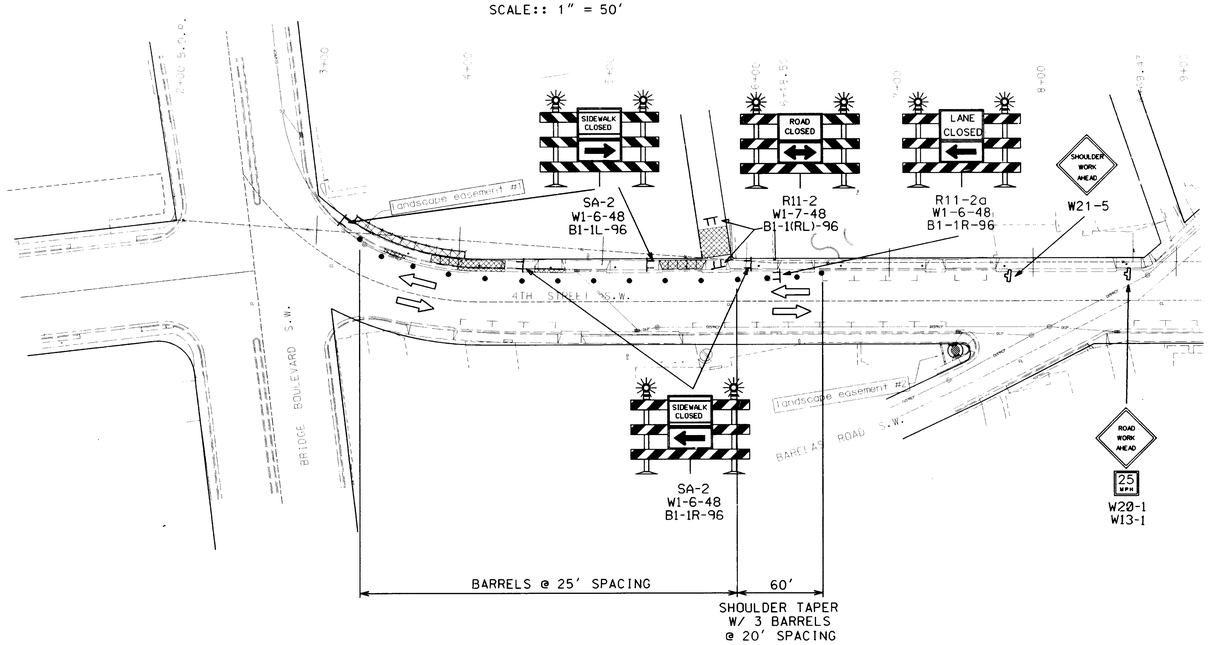
DRAWING NO. 4917.90 | MAP NO. | SHEET TC-9 OF 10

TRANS\T9522913\TC-SHEET5

SCANNED

PHASE 10

SCALE:: 1" = 50'



LEGEND

- SIGN(S) AS INDICATED
- INDICATES DIRECTION OF TRAFFIC FLOW
- CHANNELIZATION DEVIC. TYPE "H"
- TYPE III BARRICADE LEFT, RIGHT OR CHEVERON AS APPROPRIATE
- WORK ZONE
- FLAGMAN

RECORD SET
May 1, 1997

NO.	DATE	REMARKS	BY
	6/18/96	ISSUED FOR CONSTRUCTION	

REVISIONS
DESIGN
DESIGNED BY
DRAWN BY
CHECKED BY

BENCH MARKS
INFORMATION
NOTES
ENGINEER'S SEAL

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SOUTH 4th STREET STREETSCAPE
TRAFFIC CONTROL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		12/21/95	WASTE WATER		12/21/95
HYDROLOGY			TRAF OPER.		

DRAWING NO.	MAP NO.	SHEET	OF
4917.90		TC-10	10

SCANNED BY
BY LASON

TRANS T952291311TC SHEET6