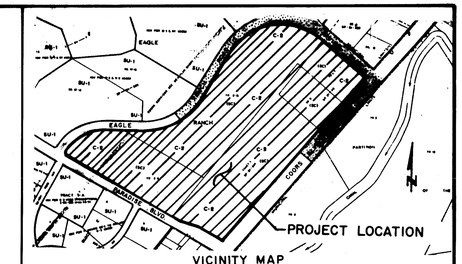
CONSTRUCTION PLANS
FOR
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST
(PHASE 1)
ALBUQUERQUE, NEW MEXICO

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAT
3	DRAINAGE PLAN
4	KEY SHEET
5-6	EAGLE RANCH ROAD PLAN AND PROFILE SHEETS
7	IRVING BOULEVARD PLAN AND PROFILE SHEET
8-9	COORS BOULEVARD PLAN AND PROFILE SHEETS
10	STORM SEWER PLAN AND PROFILE SHEET
11	STORM SEWER DETAILS
12-17	SIGNALIZATION DETAILS



VICINITY MAP
NOT TO SCALE
ZONE ATLAS MAP NO. C-13-Z

GENERAL NOTES

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE

1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	5	7	5	0	1	9	0		

REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
1	7,8,9	Roger A. Green	4/17/89	David W. Hannon		4/18/89	N/A		
2	10,11	Roger A. Green	6/6/89	N/A			N/A		
3	8,9	Roger A. Green	6/6/89	N/A			N/A		
4	8,10	Roger A. Green	6/27/89	N/A			N/A		

APPROVAL OF REVISIONS

KENT L. DAVIS — NEW MEXICO — 3-2-89 — REGISTERED PROFESSIONAL ENGINEER

BOHANNAN · HUSTON INC.
ALBUQUERQUE · SANTA FE · EL PASO
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

APPROVED FOR CONSTRUCTION
5/10/89 C.E.

PROJECT NUMBER
3575

JOB NO 88219.05.

SHEET 1 OF 17

CONSTRUCTION PLANS
FOR
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST
(PHASE 1)
ALBUQUERQUE, NEW MEXICO

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	PLAT
3	DRAINAGE PLAN
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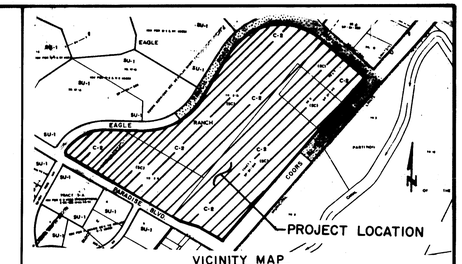
11	STORM SEWER DETAILS
12-17	SIGNALIZATION DETAILS



VICINITY MAP
NOT TO SCALE
ZONE ATLAS MAP NO. C-13-Z

GENERAL NOTES

NOTICE TO CONTRACTORS

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THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
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APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE

1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	5	7	5	0	1	9	0		

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4	8,10	Roger A. Green	6/27/89	N/A			N/A		

APPROVAL OF REVISIONS

KENT L. DAVIS — NEW MEXICO — 3-2-89 — REGISTERED PROFESSIONAL ENGINEER

BOHANNAN · HUSTON INC.
ALBUQUERQUE · SANTA FE · EL PASO
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

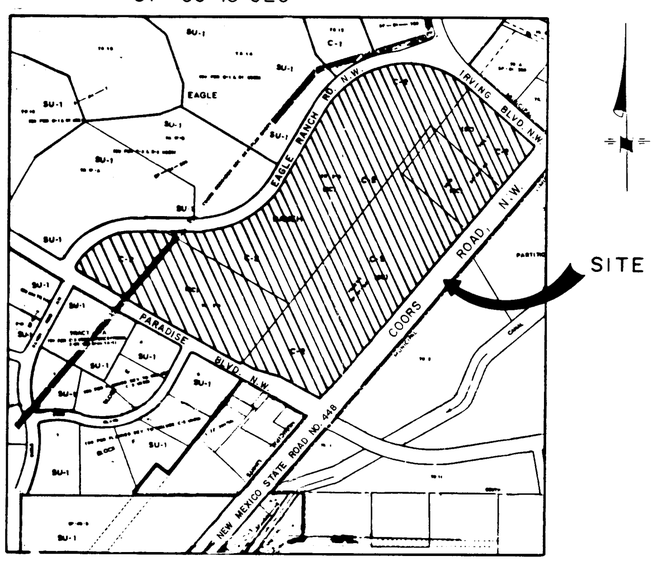
APPROVED FOR CONSTRUCTION
5/10/89 C.E.

PROJECT NUMBER
3575

JOB NO 88219.05.

SHEET 1 OF 17

SP 09-13-929



LOCATION MAP

ZONE ATLAS MAP C-13-Z

Not-To-Scale

SUBDIVISION DATA

1. DRB NUMBER 88-418
2. ZONE ATLAS INDEX NUMBER C-13-Z
3. GROSS SUBDIVISION ACREAGE = 73.1549 ACRES
4. NUMBER OF TRACTS CREATED = FIVE (5) TRACTS
5. TOTAL MILEAGE OF PARTIAL WIDTH STREET (BUS TRANSFER RIGHT-OF-WAY) CREATED = 0.042 MILES
   TOTAL MILEAGE OF PARTIAL WIDTH STREET (BUS BAY RIGHT-OF-WAY) VACATED = 0.053 MILES
6. THESE PROPERTIES ARE WITHIN THE NEW MEXICO UTILITIES, INC. (N.M.U., INC.) FRANCHISE AREA. WATER AND SANITARY SEWER CAPABILITIES ARE BASED ON THE N.M.U., INC. FACILITIES, NOT THE CITY OF ALBUQUERQUE. WATER AND SANITARY SEWER INFRASTRUCTURE IMPROVEMENTS MUST, HOWEVER, BY BOTH THE CITY OF ALBUQUERQUE AND N.M.U., INC.

NOTES

1. BEARINGS ARE BASED ON NEW MEXICO STATE PLANE GRID BEARINGS (CENTRAL ZONE)
2. ALL DISTANCES ARE GROUND DISTANCES.
3. THE PURPOSE & INTENT OF THIS PLAT IS TO CREATE 5 TRACTS, VACATE & DEDICATE R-O-W.
4. CENTERLINE (IN LIEU OF R/W) MONUMENTS TO BE INSTALLED AT ALL CENTERLINE PC's, PT's, ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A FOUR-INCH (4") ALUMINUM ALLOY CAP (WITH MAGNET ATTACHED) STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENT", "DO NOT DISTURB", "P.L.S. # 6544"

APPROVALS

PLAT NO. SP-88-295	
PLANNING DIRECTOR	DATE 10/18/88
CITY ENGINEER	DATE 10/11/88
A.M.A.F.C.A.	DATE 10/11/88
TRAFFIC ENGINEER	DATE 10/7/88
CITY SURVEYOR	DATE 9/27/88
PROPERTY MANAGEMENT	DATE 9/27/88
NEW MEXICO UTILITIES, INC.	DATE 10-10-88
PARKS & RECREATION DEPARTMENT	DATE 9-27-88
PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE 9-20-88
U.S. WEST COMMUNICATIONS	DATE 9-20-88
GAS COMPANY OF NEW MEXICO	DATE 9-19-88
MULTI-FAMILY DEVELOPMENT	DATE 9-27-88

8892570

C-37 127 129

DESCRIPTION

A certain tract of land situate within the Town of Alameda Grant, within projected Section 18, Township 11 North, Range 3 East, New Mexico, Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Tract "A" and two (2) easterly portions of Eagle Ranch Road, N.W. right-of-way of MARKET CENTER WEST, as the same are shown and designated on the plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico, on July 25, 1988, in Volume C37, Folio 12, and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at a point of curvature at the northeast corner of said Tract "A", said corner being also a point on the southerly right-of-way of Irving Boulevard, N.W., from whence the USC&GS Monument R. Alameda A-3 (having New Mexico State Plane Grid Coordinates, Central Zone, X = 377,094.67 and Y = 1,523,108.34) bears S59°25'17"E, 410.86 feet, and from said point of beginning running thence along the easterly boundary of said Tract "A" and also along said right-of-way 133.57 feet along the arc of a curve to the right having a radius of 85.00 feet, a central angle of 90°02'13", and a long chord which bears S04°04'21"E, 120.25 feet to a point of tangency on the westerly right-of-way of the New Mexico State Road No. 448 (Coors Road, N.W.); thence, running southwesterly along said State Road right-of-way and also along the easterly boundary of said Tract "A",
S40°56'46"W, 61.00 feet to a point of curvature; thence,
58.09 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 87°35'05", and a long chord which bears S84°44'19"W, 52.60 feet to a point of non-tangency; thence,
S38°36'19"W, 44.00 feet to a point of curvature; thence,
61.29 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 92°24'55", and a long chord which bears S05°15'41"E, 54.86 feet to a point of tangency; thence,
S40°56'46"W, 60.23 feet to a point; thence,
S54°58'56"W, 20.62 feet to a point; thence,
S40°56'46"W, 40.00 feet to a point; thence,
N49°03'14"W, 12.00 feet to a point; thence,
S40°56'46"W, 20.00 feet to a point; thence,
S49°03'14"E, 12.00 feet to a point; thence,
S40°56'46"W, 40.00 feet to a point; thence,
S26°54'36"W, 20.62 feet to a point; thence,
S40°56'46"W, 52.23 feet to a point; thence,
S49°04'34"W, 35.36 feet to a point; thence,
S40°56'46"W, 101.60 feet to a point of curvature; thence,
58.09 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 87°35'05", and a long chord which bears S84°44'19"W, 52.60 feet to a point of non-tangency; thence,
S38°36'19"W, 44.00 feet to a point of curvature; thence,
61.29 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 92°24'55", and a long chord which bears S05°15'41"E, 54.86 feet to a point of tangency; thence,
S40°56'46"W, 218.19 feet to a point; thence,
S49°04'34"W, 35.36 feet to a point; thence,
S40°56'46"W, 165.41 feet to a point of curvature; thence,
58.09 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 87°35'05", and a long chord which bears S84°44'19"W, 52.60 feet to a point of non-tangency; thence,
S38°36'19"W, 44.00 feet to a point of curvature; thence,
61.29 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 92°24'55", and a long chord which bears S05°15'41"E, 54.86 feet to a point of non-tangency; thence,
S40°56'46"W, 429.43 feet to a point; thence,
S43°48'31"W, 440.55 feet to a point of curvature; thence,
102.17 feet along the arc of a curve to the right having a radius of 197.00 feet, a central angle of 29°42'56", and a long chord which bears S55°48'15"W, 101.03 feet to a point of tangency on the southerly boundary of said Tract "A" and also being a point on the northerly right-of-way of Paradise Boulevard, N.W.; thence running northwesterly along said Paradise Boulevard, N.W. right-of-way, and also along the southwesterly boundary of said Tract "A",
N60°52'41"W, 246.68 feet to a point; thence,
N74°03'16"W, 199.96 feet to a point; thence,
N60°53'47"W, 1,365.25 feet to a point of curvature; thence,
39.27 feet along the arc of a curve to the right having a radius of 25.00 feet, a central angle of 90°00'00", and a long chord which bears N15°53'47"W, 35.36 feet to a point of compound curvature on the easterly right-of-way of Eagle Ranch Ranch Road, N.W., and also being a point on the westerly boundary of said Tract "A"; thence running northeasterly along said Eagle Ranch Road, N.W. right-of-way, and also along the westerly boundary of said Tract "A", 28.23 feet along the arc of a curve to the right having a radius of 465.05 feet, a central angle of 03°28'41", and a long chord which bears N30°50'33"E, 28.23 feet to a point of non-tangency; thence,
N59°17'48"E, 20.87 feet to a point of curvature; thence,
40.00 feet along the arc of a curve to the right having a radius of 456.05 feet, a central angle of 05°01'31", and a long chord which bears N37°26'13"E, 39.99 feet to a point of non-tangency; thence,
S48°47'40"E, 12.00 feet to a point; thence,
N41°12'21"E, 20.00 feet to a point; thence,
N48°47'38"W, 12.00 feet to a point of curvature; thence,
40.00 feet along the arc of a curve to the right having a radius of 456.05 feet, a central angle of 05°01'31", and a long chord which bears N44°58'30"E, 39.99 feet to a point of non-tangency; thence,
N23°06'55"E, 20.87 feet to a point of curvature; thence,
330.47 feet along the arc of a curve to the right having a radius of 465.05 feet, a central angle of 40°42'52", and a long chord which bears N70°11'15"E, 323.56 feet to a point of tangency; thence,
S89°27'19"E, 389.28 feet to a point of curvature; thence,
479.73 feet along the arc of a curve to the left having a radius of 688.00 feet, a central angle of 39°57'04", and a long chord which bears N70°34'09"E, 470.07 feet to a point of non-tangency; thence,
N63°27'51"E, 36.36 feet to a point of curvature; thence,
100.00 feet along the arc of a curve to the left having a radius of 697.00 feet, a central angle of 08°13'13", and a long chord which bears N43°34'07"E, 99.91 feet to a point of reverse curvature; thence,
46.64 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 89°04'21", and a long chord which bears N83°59'41"E, 42.08 feet to a point of non-tangency; thence,
N38°31'51"E, 56.00 feet to a point; thence,
N51°28'09"W, 16.51 feet to a point of curvature; thence,
42.75 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 81°39'11", and a long chord which bears N10°38'34"W, 39.23 feet to a point of tangency; thence,
N30°11'02"E, 552.97 feet to a point of curvature; thence,
643.55 feet along the arc of a curve to the right having a radius of 664.03 feet, a central angle of 55°31'43", and a long chord which bears N57°56'53"E, 618.66 feet to a point of compound curvature; thence,
498.24 feet along the arc of a curve to the right having a radius of 631.08 feet, a central angle of 45°14'06", and a long chord which bears S71°41'26"E, 485.40 feet to a point of tangency on the southerly right-of-way of Irving Boulevard, N.W., and also being a point on the northeasterly boundary of said Tract "A", thence running along said southerly right-of-way, and also along the northeasterly boundary of said Tract "A",
S49°05'27"E, 63.74 feet to a point; thence,
S34°40'12"E, 36.14 feet to a point; thence,
S49°05'27"E, 88.00 feet to a point of curvature; thence,
47.12 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 90°00'00", and a long chord which bears S04°05'27"E, 42.43 feet to a point of non-tangency; thence,
S49°05'27"E, 56.00 feet to a point; thence,
N40°54'33"E, 9.00 feet to a point of curvature; thence,
47.12 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 90°00'00", and a long chord which bears N85°54'33"E, 42.43 feet to a point of tangency; thence,
S49°05'27"E, 237.76 feet to the point and place of beginning.

Tract contains 73.1549 acres, more or less.

8892570

FIRST REPLAT MAP OF

MARKET CENTRE WEST

ALBUQUERQUE, NEW MEXICO
SEPTEMBER 1988

Free Consent and Dedication

The foregoing replat of that certain tract of land situate within the Town of Alameda Grant and projected Section 18, Township 11 North, Range 3 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being Market Centre West, as the same is shown and designated on the plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on July 25, 1988, in Volume C37, Folio 12, and now herein shown and comprising FIRST REPLAT MAP OF MARKET CENTRE WEST is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietors(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate the 0.0523 of an acre of street right-of-way and do hereby grant all easements shown on this plat. Electrical, Power, and Communication easements are reserved for overhead distribution lines for pole type utilities, and buried distribution lines, conduits, and pipes for underground utilities and other related equipment where shown or indicated, including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs.

The owners of lots A-1, B, C, D and E hereby grant to each other and their successors and assigns of interest reciprocal easements for parking, access, drainage, and utilities.

OWNER:

MARKET CENTER WEST ASSOCIATES
A California General Partnership

SES/Beck & Associates, Inc. — GLENFED Development Corporation

State of California)
)ss.
County of Los Angeles)

The foregoing instrument was acknowledged before me this 26th day of September, 1988, by Lee A. Shapiro on behalf of SES/Beck & Associates, Inc., a Delaware Corporation.

By: Doreen Morales Notary Public — My commission expires: Nov 12, 1990

State of California)
)ss.
County of Los Angeles)

The foregoing instrument was acknowledged before me this 23rd day of September, 1988, by MICHAEL S. KENNEY on behalf of GLENFED Development Corporation, a California Corporation.

By: Marguerite Hanson Notary Public — My commission expires: April 10, 1990

SURVEYOR'S CERTIFICATION

I, A. DWAIN WEAVER, A REGISTERED PROFESSIONAL NEW MEXICO SURVEYOR, CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. DWAIN WEAVER
NMPLS NO. 6544

BOHANNAN-HUSTON, INC.
7500 JEFFERSON STREET, N.E.
COURTYARD I
ALBUQUERQUE, NM 87109

STATE OF NEW MEXICO)
SS
COUNTY OF BERNALILLO)

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 19th DAY OF September, 1988, BY A. DWAIN WEAVER.

MY COMMISSION EXPIRES: 2-23-91 — Diane E. Agan NOTARY PUBLIC

JOB NO. 88219.08

SHEET 1 OF 2 SHEETS

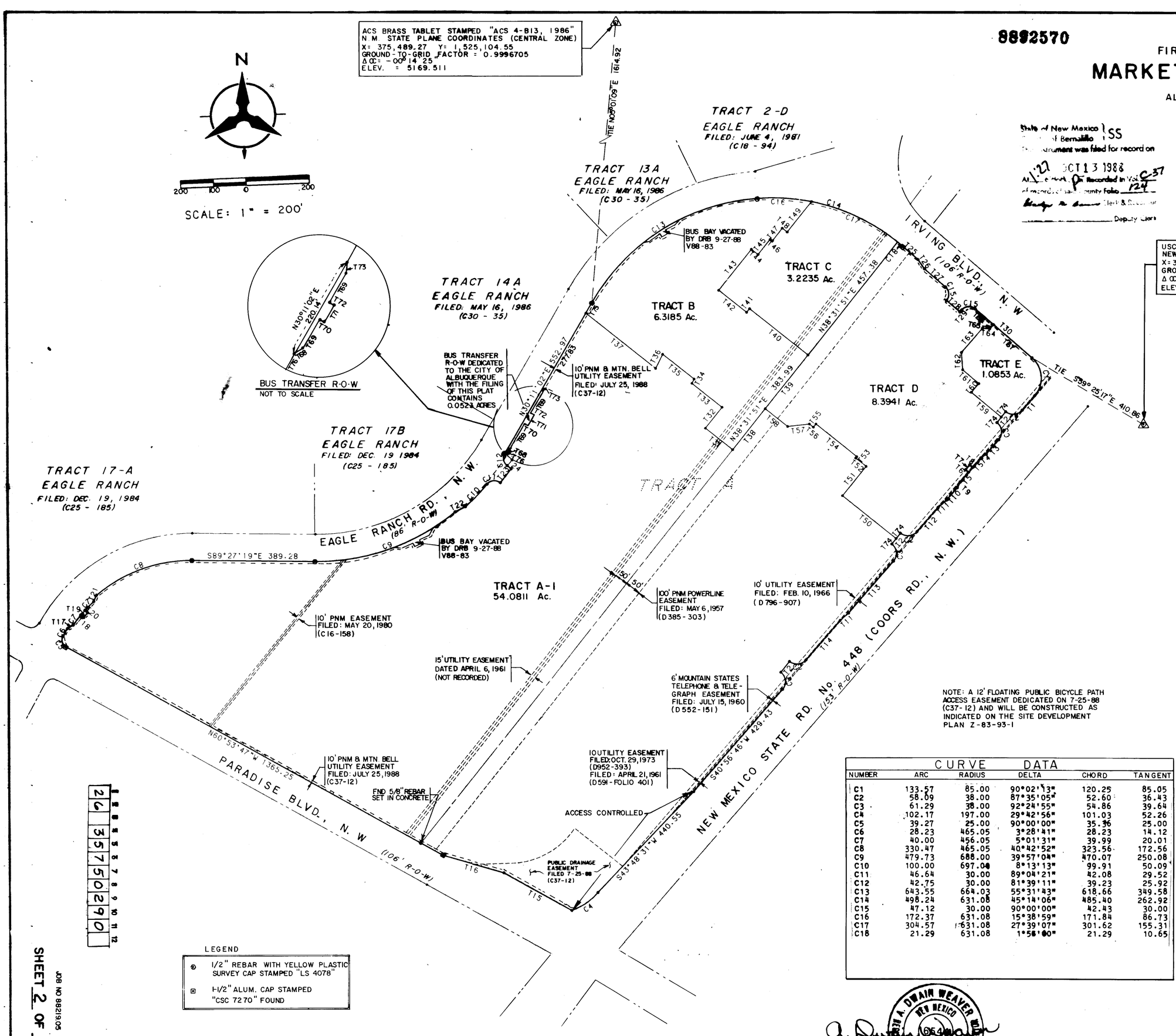
C-37, Folio 124 — 1654-1

8892570

FIRST REPLAT MAP OF

MARKET CENTRE WEST

ALBUQUERQUE, NEW MEXICO
SEPTEMBER 1988



State of New Mexico)
County of Bernalillo) SS
This instrument was filed for record on OCT 13 1988 and was duly recorded in Vol. C-37 Folio 124 of records of said County
Clerk & Recorder
Deputy Clerk

NOTE: A 12' FLOATING PUBLIC BICYCLE PATH ACCESS EASEMENT DEDICATED ON 7-25-88 (C37-12) AND WILL BE CONSTRUCTED AS INDICATED ON THE SITE DEVELOPMENT PLAN Z-83-93-1

TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S40°56'46"W	61.00
T2	S38°36'19"W	44.00
T3	S40°56'46"W	60.23
T4	S54°58'56"W	20.62
T5	S40°56'46"W	40.00
T6	N49°03'14"W	12.00
T7	S40°56'46"W	20.00
T8	S49°03'14"E	12.00
T9	S26°54'36"W	20.62
T10	S40°56'46"W	52.23
T11	S49°04'34"W	35.36
T12	S40°56'46"W	101.60
T13	S40°56'46"W	218.19
T14	S40°56'46"W	165.41
T15	N60°52'41"W	246.68
T16	N74°03'16"W	199.96
T17	N59°17'48"E	20.87
T18	S48°47'40"E	12.00
T19	N41°12'21"E	20.00
T20	N48°47'38"W	12.00
T21	N23°06'55"E	20.87
T22	N63°27'51"E	36.36
T23	N38°31'51"E	56.00
T24	N51°28'09"W	16.51
T25	S49°05'27"E	63.74
T26	S34°40'12"E	36.14
T27	S49°05'27"E	88.00
T28	S49°05'27"E	56.00
T29	N40°54'33"E	9.00
T30	S49°05'27"E	237.76
T31	N51°28'16"W	109.46
T32	N38°31'23"E	85.00
T33	N51°28'12"W	121.99
T34	N26°21'52"E	15.34
T35	N51°28'07"W	126.85
T36	S26°20'43"W	50.16
T37	N51°27'33"W	283.25
T38	N38°31'51"E	165.94
T39	N38°31'51"E	218.05
T40	N51°28'19"W	236.26
T41	S38°31'43"W	14.99
T42	N51°28'07"W	112.23
T43	N38°31'44"E	166.01
T44	S51°28'46"E	27.01
T45	N38°29'53"E	62.01
T46	S51°29'15"E	8.51
T47	N38°30'13"E	51.00
T48	S51°27'50"E	19.53
T49	N38°33'05"E	123.65
T50	N51°22'57"W	217.89
T51	N39°12'46"E	119.57
T52	N51°27'24"W	42.26
T53	N38°29'49"E	5.49
T54	N51°17'44"W	165.98
T55	S38°31'44"W	12.99
T56	N51°30'38"W	16.28
T57	S83°32'18"W	69.31
T58	N51°28'27"W	90.70
T59	N50°08'19"W	123.40
T60	N40°53'31"E	36.13
T61	N49°06'15"W	67.28
T62	N03°58'52"W	55.02
T63	N40°54'30"E	101.98
T64	S84°04'11"E	22.84
T65	N40°54'30"E	18.07
T66	S49°05'27"E	76.39
T67	S49°05'27"E	161.37
T68	N54°20'12"E	22.00
T69	N30°11'02"E	10.00
T70	S59°48'58"E	12.00
T71	N30°11'02"E	40.00
T72	N59°48'58"W	12.00
T73	N06°02'10"E	22.00
T74	N38°36'19"E	22.00
T75	N30°11'02"E	39.00
T76	N30°11'02"E	16.00

CURVE DATA

NUMBER	ARC	RADIUS	DELTA	CHORD	TANGENT
C1	133.57	85.00	90°02'13"	120.25	85.05
C2	58.09	38.00	87°35'05"	52.60	36.43
C3	61.29	38.00	92°24'55"	54.86	39.64
C4	102.17	197.00	29°42'56"	101.03	52.26
C5	39.27	25.00	90°00'00"	35.36	25.00
C6	28.23	465.05	3°28'41"	28.23	14.12
C7	40.00	456.05	5°01'31"	39.99	20.01
C8	330.47	465.05	40°42'52"	323.56	172.56
C9	479.73	688.00	39°57'04"	470.07	250.08
C10	100.00	697.00	8°13'13"	99.91	50.09
C11	46.64	30.00	89°04'21"	42.08	29.52
C12	42.75	30.00	81°39'11"	39.23	25.92
C13	643.55	664.03	55°31'43"	618.66	349.58
C14	498.24	631.08	45°14'06"	485.40	262.92
C15	47.12	30.00	90°00'00"	42.43	30.00
C16	172.37	631.08	15°38'59"	171.84	86.73
C17	304.57	631.08	27°39'07"	301.62	155.31
C18	21.29	631.08	1°56'00"	21.29	10.65

LEGEND

- 1/2" REBAR WITH YELLOW PLASTIC SURVEY CAP STAMPED "LS 4078"
- 1-1/2" ALUM. CAP STAMPED "CSC 7270" FOUND

26 3575029 0

JOB NO. 88219.08

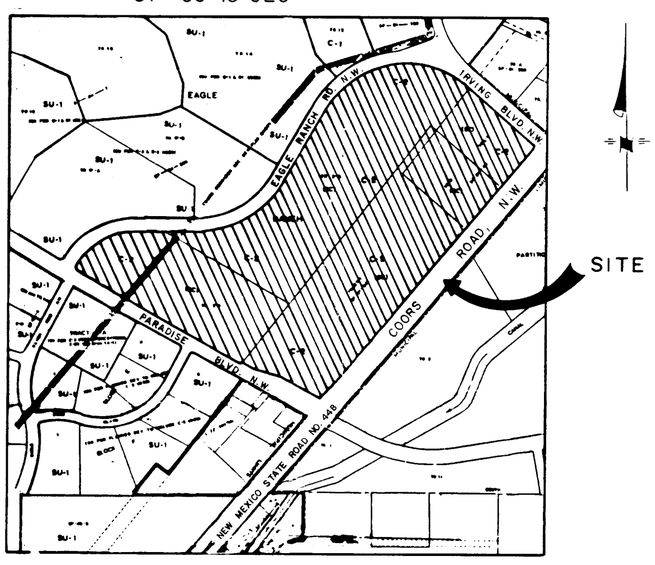
SHEET 2 OF 17

JOB NO. 88219.08

SHEET 2 OF 2 SHEETS

C-37, Folio 124 — 1654-2

SP 09-13-929



LOCATION MAP

ZONE ATLAS MAP C-13-Z

Not-To-Scale

SUBDIVISION DATA

1. DRB NUMBER 88-418
2. ZONE ATLAS INDEX NUMBER C-13-Z
3. GROSS SUBDIVISION ACREAGE = 73.1549 ACRES
4. NUMBER OF TRACTS CREATED = FIVE (5) TRACTS
5. TOTAL MILEAGE OF PARTIAL WIDTH STREET (BUS TRANSFER RIGHT-OF-WAY) CREATED = 0.042 MILES
   TOTAL MILEAGE OF PARTIAL WIDTH STREET (BUS BAY RIGHT-OF-WAY) VACATED = 0.053 MILES
6. THESE PROPERTIES ARE WITHIN THE NEW MEXICO UTILITIES, INC. (N.M.U., INC.) FRANCHISE AREA. WATER AND SANITARY SEWER CAPABILITIES ARE BASED ON THE N.M.U., INC. FACILITIES, NOT THE CITY OF ALBUQUERQUE. WATER AND SANITARY SEWER INFRASTRUCTURE IMPROVEMENTS MUST, HOWEVER, BY BOTH THE CITY OF ALBUQUERQUE AND N.M.U., INC.

NOTES

1. BEARINGS ARE BASED ON NEW MEXICO STATE PLANE GRID BEARINGS (CENTRAL ZONE)
2. ALL DISTANCES ARE GROUND DISTANCES.
3. THE PURPOSE & INTENT OF THIS PLAT IS TO CREATE 5 TRACTS, VACATE & DEDICATE R-O-W.
4. CENTERLINE (IN LIEU OF R/W) MONUMENTS TO BE INSTALLED AT ALL CENTERLINE PC's, PT's, ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A FOUR-INCH (4") ALUMINUM ALLOY CAP (WITH MAGNET ATTACHED) STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENT", "DO NOT DISTURB", "P.L.S. # 6544"

APPROVALS

PLAT NO. SP-88-295	
PLANNING DIRECTOR	DATE 10/18/88
CITY ENGINEER	DATE 10/11/88
A.M.A.F.C.A.	DATE 10/11/88
TRAFFIC ENGINEER	DATE 10/7/88
CITY SURVEYOR	DATE 9/27/88
PROPERTY MANAGEMENT	DATE 9/27/88
NEW MEXICO UTILITIES, INC.	DATE 10-10-88
PARKS & RECREATION DEPARTMENT	DATE 9-27-88
PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE 9-20-88
U.S. WEST COMMUNICATIONS	DATE 9-20-88
GAS COMPANY OF NEW MEXICO	DATE 9-19-88
MULTI-FAMILY DEVELOPMENT	DATE 9-27-88

8892570

C-37 127 129

DESCRIPTION

A certain tract of land situate within the Town of Alameda Grant, within projected Section 18, Township 11 North, Range 3 East, New Mexico, Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Tract "A" and two (2) easterly portions of Eagle Ranch Road, N.W. right-of-way of MARKET CENTER WEST, as the same are shown and designated on the plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico, on July 25, 1988, in Volume C37, Folio 12, and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at a point of curvature at the northeast corner of said Tract "A", said corner being also a point on the southerly right-of-way of Irving Boulevard, N.W., from whence the USC&GS Monument R. Alameda A-3 (having New Mexico State Plane Grid Coordinates, Central Zone, X = 377,094.67 and Y = 1,523,108.34) bears S59°25'17"E, 410.86 feet, and from said point of beginning running thence along the easterly boundary of said Tract "A" and also along said right-of-way 133.57 feet along the arc of a curve to the right having a radius of 85.00 feet, a central angle of 90°02'13", and a long chord which bears S04°04'21"E, 120.25 feet to a point of tangency on the westerly right-of-way of the New Mexico State Road No. 448 (Coors Road, N.W.); thence, running southwesterly along said State Road right-of-way and also along the easterly boundary of said Tract "A",
S40°56'46"W, 61.00 feet to a point of curvature; thence,
58.09 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 87°35'05", and a long chord which bears S84°44'19"W, 52.60 feet to a point of non-tangency; thence,
S38°36'19"W, 44.00 feet to a point of curvature; thence,
61.29 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 92°24'55", and a long chord which bears S05°15'41"E, 54.86 feet to a point of tangency; thence,
S40°56'46"W, 60.23 feet to a point; thence,
S54°58'56"W, 20.62 feet to a point; thence,
S40°56'46"W, 40.00 feet to a point; thence,
N49°03'14"W, 12.00 feet to a point; thence,
S40°56'46"W, 20.00 feet to a point; thence,
S49°03'14"E, 12.00 feet to a point; thence,
S40°56'46"W, 40.00 feet to a point; thence,
S26°54'36"W, 20.62 feet to a point; thence,
S40°56'46"W, 52.23 feet to a point; thence,
S49°04'34"W, 35.36 feet to a point; thence,
S40°56'46"W, 101.60 feet to a point of curvature; thence,
58.09 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 87°35'05", and a long chord which bears S84°44'19"W, 52.60 feet to a point of non-tangency; thence,
S38°36'19"W, 44.00 feet to a point of curvature; thence,
61.29 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 92°24'55", and a long chord which bears S05°15'41"E, 54.86 feet to a point of tangency; thence,
S40°56'46"W, 218.19 feet to a point; thence,
S49°04'34"W, 35.36 feet to a point; thence,
S40°56'46"W, 165.41 feet to a point of curvature; thence,
58.09 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 87°35'05", and a long chord which bears S84°44'19"W, 52.60 feet to a point of non-tangency; thence,
S38°36'19"W, 44.00 feet to a point of curvature; thence,
61.29 feet along the arc of a curve to the right having a radius of 38.00 feet, a central angle of 92°24'55", and a long chord which bears S05°15'41"E, 54.86 feet to a point of non-tangency; thence,
S40°56'46"W, 429.43 feet to a point; thence,
S43°48'31"W, 440.55 feet to a point of curvature; thence,
102.17 feet along the arc of a curve to the right having a radius of 197.00 feet, a central angle of 29°42'56", and a long chord which bears S55°48'15"W, 101.03 feet to a point of tangency on the southerly boundary of said Tract "A" and also being a point on the northerly right-of-way of Paradise Boulevard, N.W.; thence running northwesterly along said Paradise Boulevard, N.W. right-of-way, and also along the southwesterly boundary of said Tract "A",
N60°52'41"W, 246.68 feet to a point; thence,
N74°03'16"W, 199.96 feet to a point; thence,
N60°53'47"W, 1,365.25 feet to a point of curvature; thence,
39.27 feet along the arc of a curve to the right having a radius of 25.00 feet, a central angle of 90°00'00", and a long chord which bears N15°53'47"W, 35.36 feet to a point of compound curvature on the easterly right-of-way of Eagle Ranch Ranch Road, N.W., and also being a point on the westerly boundary of said Tract "A"; thence running northeasterly along said Eagle Ranch Road, N.W. right-of-way, and also along the westerly boundary of said Tract "A", 28.23 feet along the arc of a curve to the right having a radius of 465.05 feet, a central angle of 03°28'41", and a long chord which bears N30°50'33"E, 28.23 feet to a point of non-tangency; thence,
N59°17'48"E, 20.87 feet to a point of curvature; thence,
40.00 feet along the arc of a curve to the right having a radius of 456.05 feet, a central angle of 05°01'31", and a long chord which bears N37°26'13"E, 39.99 feet to a point of non-tangency; thence,
S48°47'40"E, 12.00 feet to a point; thence,
N41°12'21"E, 20.00 feet to a point; thence,
N48°47'38"W, 12.00 feet to a point of curvature; thence,
40.00 feet along the arc of a curve to the right having a radius of 456.05 feet, a central angle of 05°01'31", and a long chord which bears N44°58'30"E, 39.99 feet to a point of non-tangency; thence,
N23°06'55"E, 20.87 feet to a point of curvature; thence,
330.47 feet along the arc of a curve to the right having a radius of 465.05 feet, a central angle of 40°42'52", and a long chord which bears N70°11'15"E, 323.56 feet to a point of tangency; thence,
S89°27'19"E, 389.28 feet to a point of curvature; thence,
479.73 feet along the arc of a curve to the left having a radius of 688.00 feet, a central angle of 39°57'04", and a long chord which bears N70°34'09"E, 470.07 feet to a point of non-tangency; thence,
N63°27'51"E, 36.36 feet to a point of curvature; thence,
100.00 feet along the arc of a curve to the left having a radius of 697.00 feet, a central angle of 08°13'13", and a long chord which bears N43°34'07"E, 99.91 feet to a point of reverse curvature; thence,
46.64 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 89°04'21", and a long chord which bears N83°59'41"E, 42.08 feet to a point of non-tangency; thence,
N38°31'51"E, 56.00 feet to a point; thence,
N51°28'09"W, 16.51 feet to a point of curvature; thence,
42.75 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 81°39'11", and a long chord which bears N10°38'34"W, 39.23 feet to a point of tangency; thence,
N30°11'02"E, 552.97 feet to a point of curvature; thence,
643.55 feet along the arc of a curve to the right having a radius of 664.03 feet, a central angle of 55°31'43", and a long chord which bears N57°56'53"E, 618.66 feet to a point of compound curvature; thence,
498.24 feet along the arc of a curve to the right having a radius of 631.08 feet, a central angle of 45°14'06", and a long chord which bears S71°41'26"E, 485.40 feet to a point of tangency on the southerly right-of-way of Irving Boulevard, N.W., and also being a point on the northeasterly boundary of said Tract "A", thence running along said southerly right-of-way, and also along the northeasterly boundary of said Tract "A",
S49°05'27"E, 63.74 feet to a point; thence,
S34°40'12"E, 36.14 feet to a point; thence,
S49°05'27"E, 88.00 feet to a point of curvature; thence,
47.12 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 90°00'00", and a long chord which bears S04°05'27"E, 42.43 feet to a point of non-tangency; thence,
S49°05'27"E, 56.00 feet to a point; thence,
N40°54'33"E, 9.00 feet to a point of curvature; thence,
47.12 feet along the arc of a curve to the right having a radius of 30.00 feet, a central angle of 90°00'00", and a long chord which bears N85°54'33"E, 42.43 feet to a point of tangency; thence,
S49°05'27"E, 237.76 feet to the point and place of beginning.

Tract contains 73.1549 acres, more or less.

8892570

FIRST REPLAT MAP OF

MARKET CENTRE WEST

ALBUQUERQUE, NEW MEXICO
SEPTEMBER 1988

Free Consent and Dedication

The foregoing replat of that certain tract of land situate within the Town of Alameda Grant and projected Section 18, Township 11 North, Range 3 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being Market Centre West, as the same is shown and designated on the plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on July 25, 1988, in Volume C37, Folio 12, and now herein shown and comprising FIRST REPLAT MAP OF MARKET CENTRE WEST is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietors(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate the 0.0523 of an acre of street right-of-way and do hereby grant all easements shown on this plat. Electrical, Power, and Communication easements are reserved for overhead distribution lines for pole type utilities, and buried distribution lines, conduits, and pipes for underground utilities and other related equipment where shown or indicated, including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs.

The owners of lots A-1, B, C, D and E hereby grant to each other and their successors and assigns of interest reciprocal easements for parking, access, drainage, and utilities.

OWNER:

MARKET CENTER WEST ASSOCIATES
A California General Partnership

SES/Beck & Associates, Inc. — GLENFED Development Corporation

State of California)
)ss.
County of Los Angeles)

The foregoing instrument was acknowledged before me this 26th day of September, 1988, by Lee A. Shapiro on behalf of SES/Beck & Associates, Inc., a Delaware Corporation.

By: Doreen Morales Notary Public — My commission expires: Nov 12, 1990

State of California)
)ss.
County of Los Angeles)

The foregoing instrument was acknowledged before me this 23rd day of September, 1988, by MICHAEL S. KENNEY on behalf of GLENFED Development Corporation, a California Corporation.

By: Marguerite Hanson Notary Public — My commission expires: April 10, 1990

SURVEYOR'S CERTIFICATION

I, A. DWAIN WEAVER, A REGISTERED PROFESSIONAL NEW MEXICO SURVEYOR, CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. DWAIN WEAVER
NMPLS NO. 6544

BOHANNAN-HUSTON, INC.
7500 JEFFERSON STREET, N.E.
COURTYARD I
ALBUQUERQUE, NM 87109

STATE OF NEW MEXICO)
SS
COUNTY OF BERNALILLO)

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 19th DAY OF September, 1988, BY A. DWAIN WEAVER.

MY COMMISSION EXPIRES: 2-23-91 — Diane E. Agan NOTARY PUBLIC

JOB NO. 88219.08

SHEET 1 OF 2 SHEETS

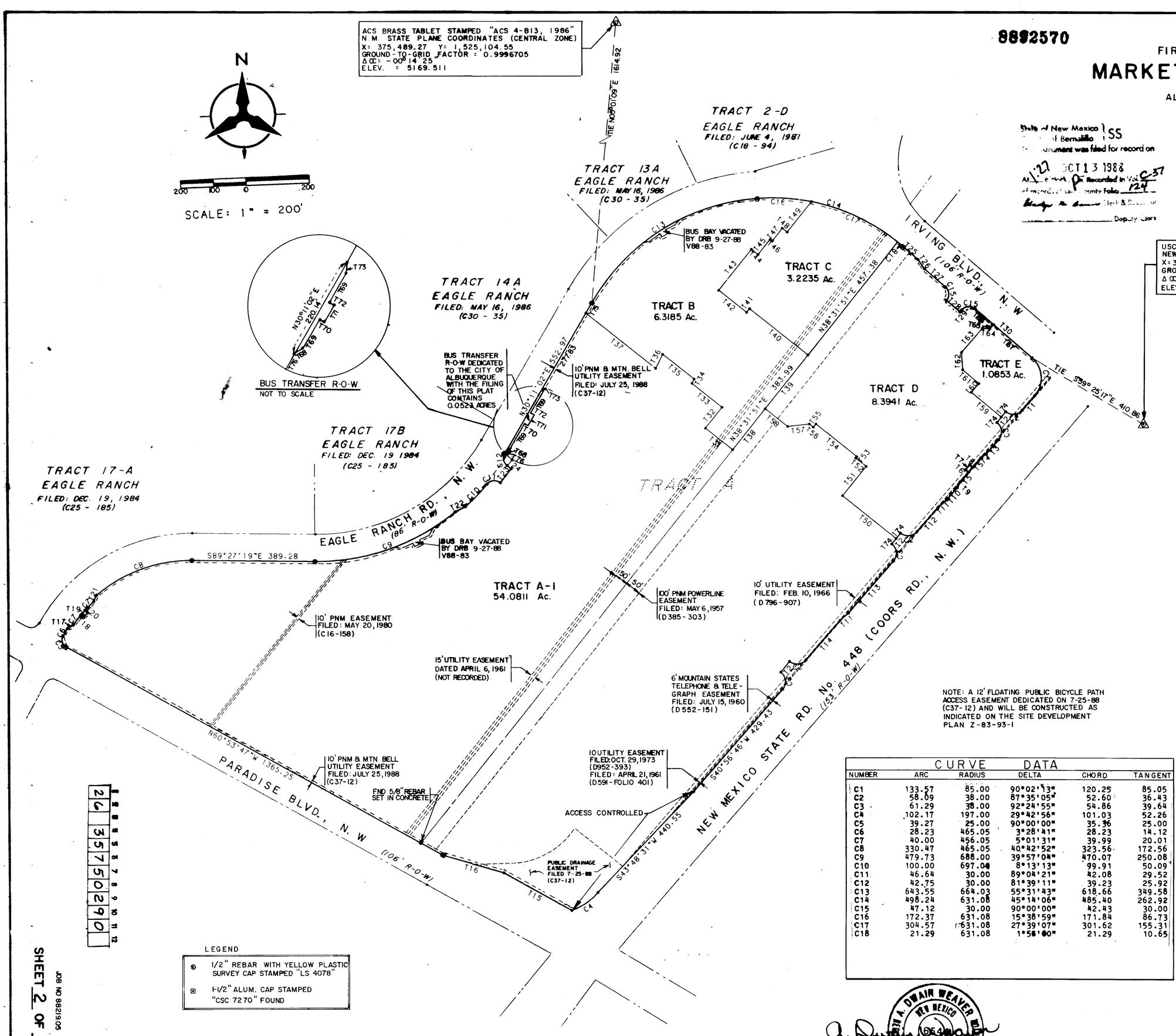
C-37, Folio 124 — 1654-1

8892570

FIRST REPLAT MAP OF

MARKET CENTRE WEST

ALBUQUERQUE, NEW MEXICO
SEPTEMBER 1988



State of New Mexico)
County of Bernalillo) SS
This instrument was filed for record on OCT 13 1988 and was duly recorded in Vol. C-37 Folio 124 of records of said County
Clerk & Recorder
Deputy Clerk

NOTE: A 12' FLOATING PUBLIC BICYCLE PATH ACCESS EASEMENT DEDICATED ON 7-25-88 (C37-12) AND WILL BE CONSTRUCTED AS INDICATED ON THE SITE DEVELOPMENT PLAN Z-83-93-1

TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S40°56'46"W	61.00
T2	S38°36'19"W	44.00
T3	S40°56'46"W	60.23
T4	S54°58'56"W	20.62
T5	S40°56'46"W	40.00
T6	N49°03'14"W	12.00
T7	S40°56'46"W	20.00
T8	S49°03'14"E	12.00
T9	S26°54'36"W	20.62
T10	S40°56'46"W	52.23
T11	S49°04'34"W	35.36
T12	S40°56'46"W	101.60
T13	S40°56'46"W	218.19
T14	S40°56'46"W	165.41
T15	N60°52'41"W	246.68
T16	N74°03'16"W	199.96
T17	N59°17'48"E	20.87
T18	S48°47'40"E	12.00
T19	N41°12'21"E	20.00
T20	N48°47'38"W	12.00
T21	N23°06'55"E	20.87
T22	N63°27'51"E	36.36
T23	N38°31'51"E	56.00
T24	N51°28'09"W	16.51
T25	S49°05'27"E	63.74
T26	S34°40'12"E	36.14
T27	S49°05'27"E	88.00
T28	S49°05'27"E	56.00
T29	N40°54'33"E	9.00
T30	S49°05'27"E	237.76
T31	N51°28'16"W	109.46
T32	N38°31'23"E	85.00
T33	N51°28'12"W	121.99
T34	N26°21'52"E	15.34
T35	N51°28'07"W	126.85
T36	S26°20'43"W	50.16
T37	N51°27'33"W	283.25
T38	N38°31'51"E	165.94
T39	N38°31'51"E	218.05
T40	N51°28'19"W	236.26
T41	S38°31'43"W	14.99
T42	N51°28'07"W	112.23
T43	N38°31'44"E	166.01
T44	S51°28'46"E	27.01
T45	N38°29'53"E	62.01
T46	S51°29'15"E	8.51
T47	N38°30'13"E	51.00
T48	S51°27'50"E	19.53
T49	N38°33'05"E	123.65
T50	N51°22'57"W	217.89
T51	N39°12'46"E	119.57
T52	N51°27'24"W	42.26
T53	N38°29'49"E	5.49
T54	N51°17'44"W	165.98
T55	S38°31'44"W	12.99
T56	N51°30'38"W	16.28
T57	S83°32'18"W	69.31
T58	N51°28'27"W	90.70
T59	N50°08'19"W	123.40
T60	N40°53'31"E	36.13
T61	N49°06'15"W	67.28
T62	N03°58'52"W	55.02
T63	N40°54'30"E	101.98
T64	S84°04'11"E	22.84
T65	N40°54'30"E	18.07
T66	S49°05'27"E	76.39
T67	S49°05'27"E	161.37
T68	N54°20'12"E	22.00
T69	N30°11'02"E	10.00
T70	S59°48'58"E	12.00
T71	N30°11'02"E	40.00
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T73	N06°02'10"E	22.00
T74	N38°36'19"E	22.00
T75	N30°11'02"E	39.00
T76	N30°11'02"E	16.00

CURVE DATA

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C5	39.27	25.00	90°00'00"	35.36	25.00
C6	28.23	465.05	3°28'41"	28.23	14.12
C7	40.00	456.05	5°01'31"	39.99	20.01
C8	330.47	465.05	40°42'52"	323.56	172.56
C9	479.73	688.00	39°57'04"	470.07	250.08
C10	100.00	697.00	8°13'13"	99.91	50.09
C11	46.64	30.00	89°04'21"	42.08	29.52
C12	42.75	30.00	81°39'11"	39.23	25.92
C13	643.55	664.03	55°31'43"	618.66	349.58
C14	498.24	631.08	45°14'06"	485.40	262.92
C15	47.12	30.00	90°00'00"	42.43	30.00
C16	172.37	631.08	15°38'59"	171.84	86.73
C17	304.57	631.08	27°39'07"	301.62	155.31
C18	21.29	631.08	1°56'00"	21.29	10.65

LEGEND

- 1/2" REBAR WITH YELLOW PLASTIC SURVEY CAP STAMPED "LS 4078"
- 1-1/2" ALUM. CAP STAMPED "CSC 7270" FOUND

26 3575029 0

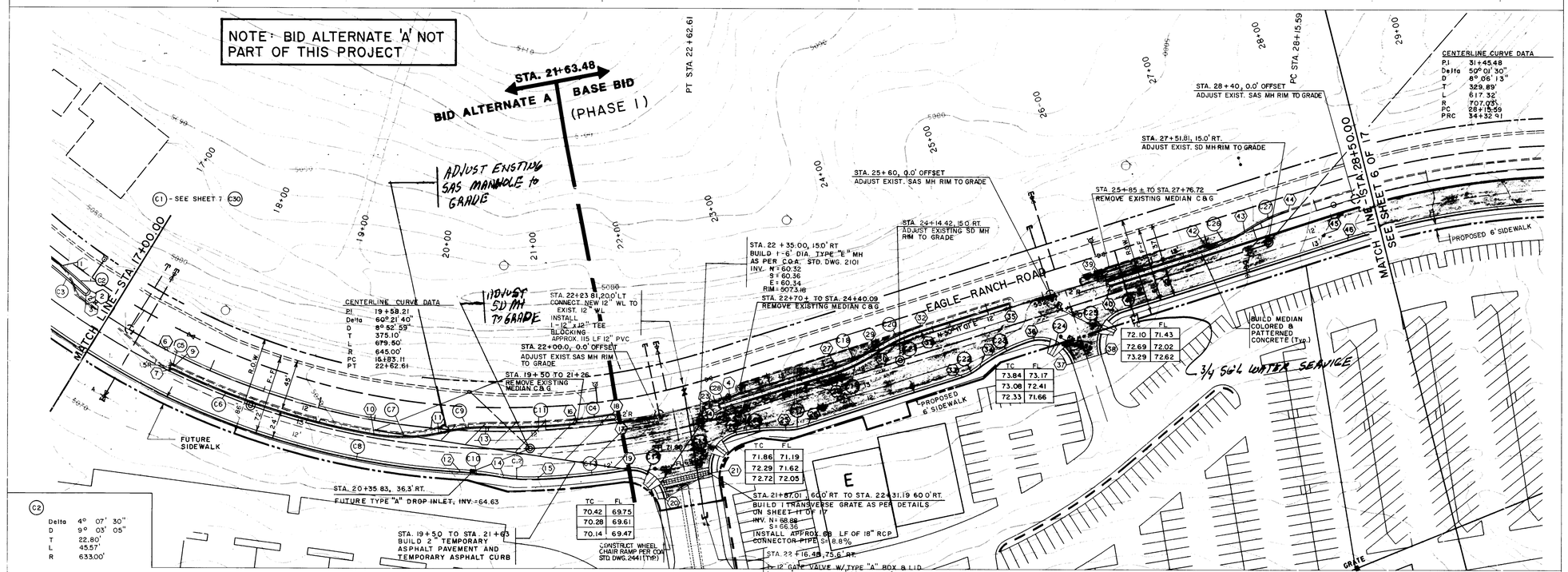
JOB NO. 88219.08

SHEET 2 OF 17

JOB NO. 88219.08

SHEET 2 OF 2 SHEETS

C-37, Folio 124 — 1654-2



PT.	STATION	OFFSET	TC ELEV.
1	16+34.00	12.00' LT	72.27 *
2	16+80.44	8.00' LT	71.74
3	16+80.44	12.00' LT	71.66
4	22+62.61	4.00' RT	73.79
5	22+62.61	8.00' RT	73.71
6	17+67.74	9.00' RT	71.35
7	17+67.74	12.00' RT	71.47
8			
9	17+70.93	9.00' RT	71.32 *
10	19+51.40	12.00' RT	70.28
11	20+11.47	2.20' RT	70.12
12	20+25.51	36.00' RT	69.40
13	20+49.96	4.00' LT	69.89
14	20+67.14	40.70' RT	69.37
15	21+04.95	45.00' RT	69.60
16	21+26.09	8.00' LT	70.51 *
17	21+60.36	4.00' LT	71.32
18	21+60.36	8.00 LT	71.24
19	21+63.48	45.00' RT	70.56
20	21+90.36	75.38 RT	70.00
21	22+31.19	59.86' RT	71.43
22	22+60.38	33.47' RT	73.15
23	22+54.36	4.00' RT	73.61
24	22+54.36	8.00' RT	73.53
25	22+99.86	42.00' RT	73.71
26	23+16.90	45.00' RT	73.91
27	23+54.99	4.00' RT	74.90
28	23+54.99	8.00' RT	75.11
29	23+96.99	1.85' LT	75.20
30	23+98.11	2.00' RT	75.36
31	24+40.11	4.00' LT	75.61
32	24+40.11	8.00' LT	75.51 *
33	24+60.22	45.00' RT	74.77
34	24+77.27	42.00' RT	74.77
35	25+20.10	4.00' LT	75.30 *
36	25+28.44	33.00' RT	74.59
37	25+57.03	63.00' RT	71.57
38	25+82.94	63.00' RT	71.50
39	26+10.03	4.00' RT	73.96
40	26+10.03	8.00' RT	73.88
41	26+12.95	33.00' RT	73.33
42	26+94.93	4.00' RT	71.90
43	27+35.32	1.53' LT	70.11
44	27+76.72	7.21' LT	68.28 *
45	28+15.59	8.00' RT	67.47
46	28+15.59	33.00' RT	66.97

* MATCH EXISTING CURB & GUTTER

C2: Delta 4° 07' 30" D 9° 03' 05" T 22.80' L 45.57' R 633.00'

C3: Delta 6° 58' 30" D 9° 59' 41" T 38.82' L 77.55' R 637.00'

C4: Delta 3° 12' 22" D 8° 59' 41" T 17.83' L 35.65' R 637.00'

C5: Delta 0° 17' 02" D 8° 45' 39" T 1.62' L 3.25' R 654.00'

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C10: Delta 8° 28' 37" D 19° 5' 55" T 22.23' L 44.39' R 300.00'

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C12: Delta 15° 31' 52" D 38° 11' 50" T 20.46' L 40.66' R 150.00'

C13: Delta 5° 12' 00" D 9° 18' 13" T 31.33' L 62.62' R 690.00'

C14: Delta 89 31' 48" D 190° 59' 10" T 29.75' L 46.88' R 30.00'

C15: Delta 15° 30' 50" D 38° 11' 50" T 20.43' L 40.61' R 150.00'

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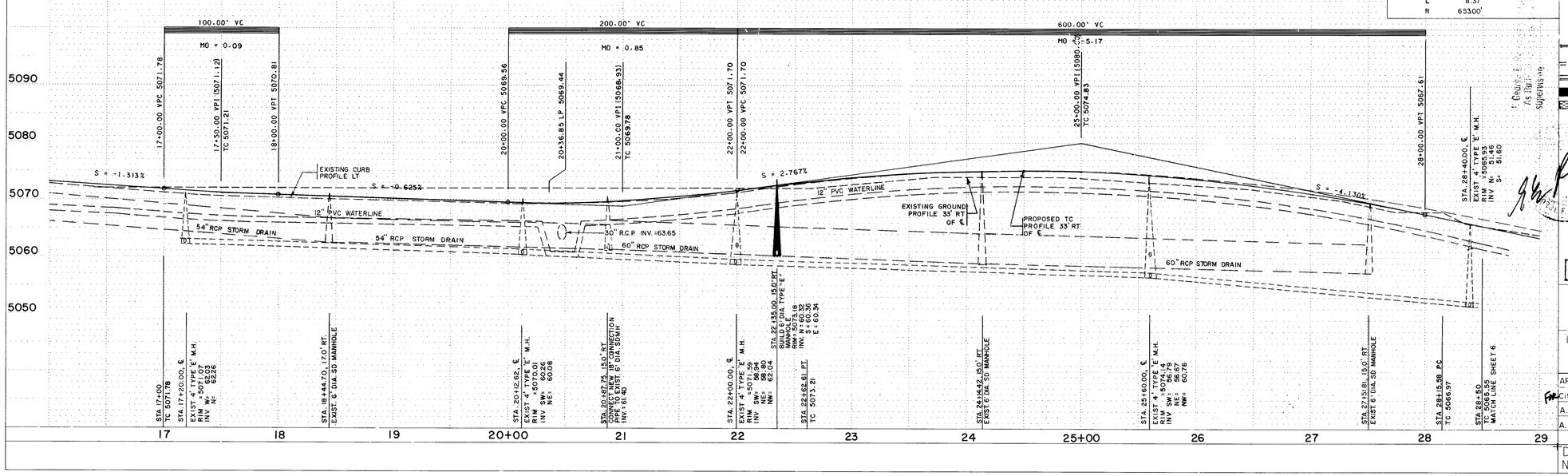


LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT
- REMOVE EXISTING PAVEMENT

26 35750590

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

TITLE: EAGLE RANCH ROAD
STA. 17+00.00 – STA. 28+50.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Shree	4/11/89	Liquid Waste	N/A	4/11/89
A.C.E.–Design	"	"	Traffic	Roger A. Shree	4/11/89
A.C.E.–Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 5 OF 17

JOB NO 88215.05

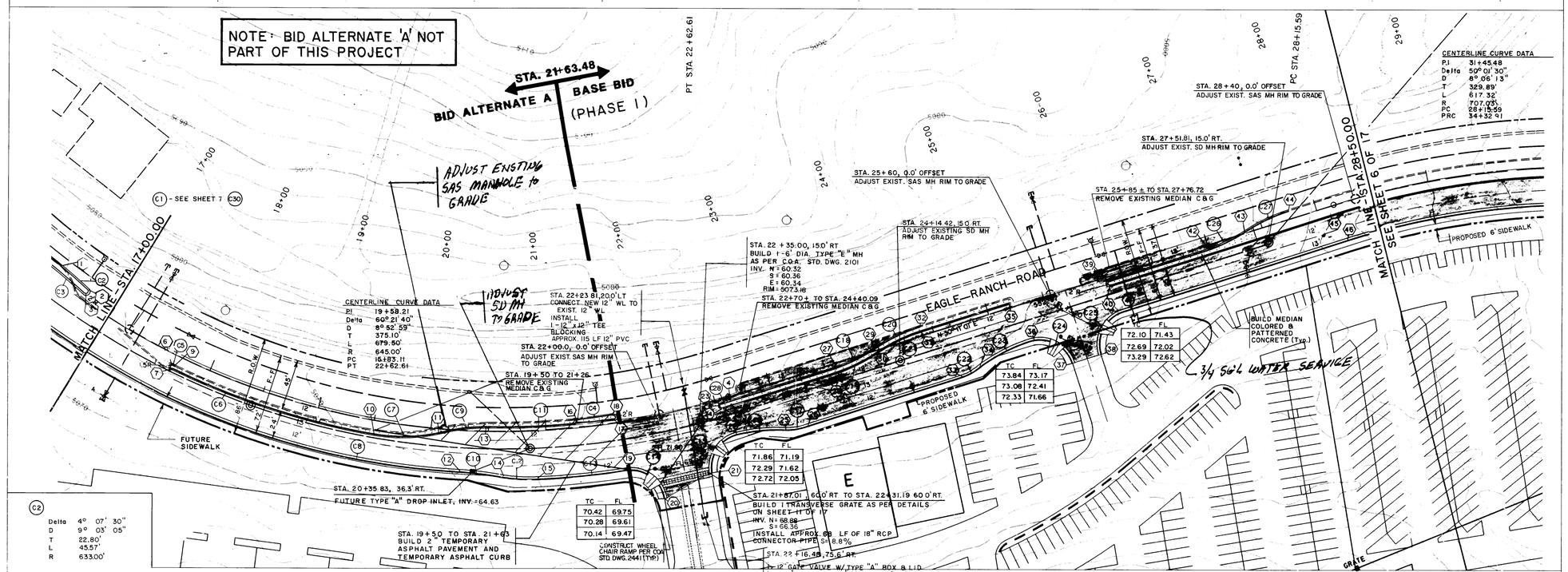
AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
RAY BACA
MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ α=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

REVISIONS
NO. | DATE | REMARKS | BY
DESIGN



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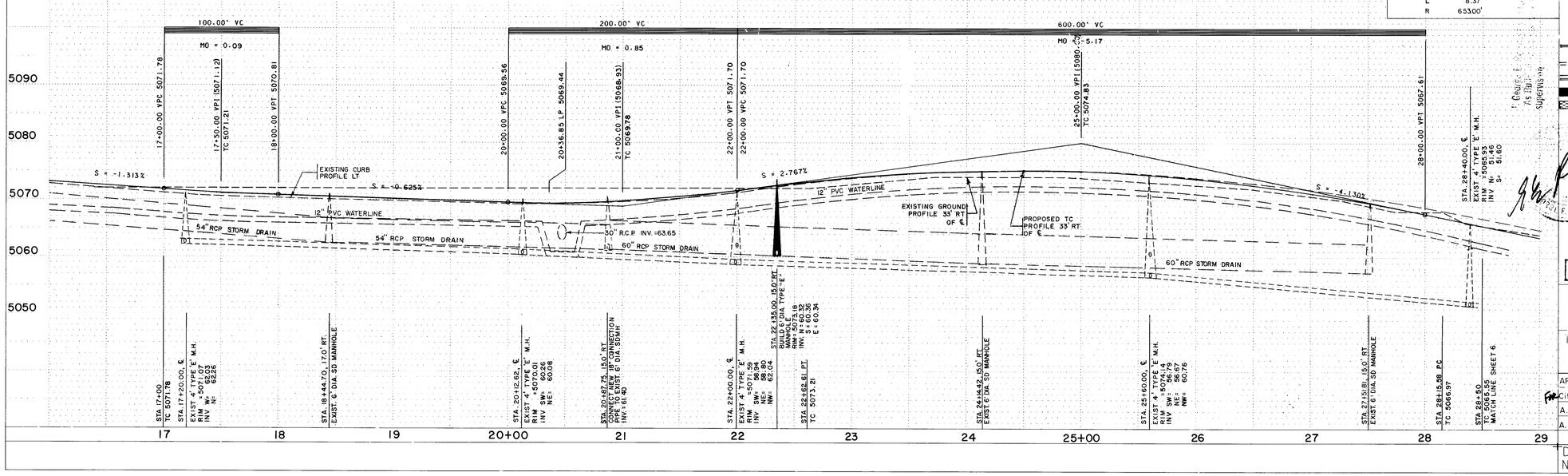


LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT
- REMOVE EXISTING PAVEMENT

26 35750590

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

TITLE: EAGLE RANCH ROAD
STA. 17+00.00 – STA. 28+50.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Shree	4/11/89	Liquid Waste	N/A	4/11/89
A.C.E.–Design	"	"	Traffic	Roger A. Shree	4/11/89
A.C.E.–Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 5 OF 17

JOB NO 88215.05

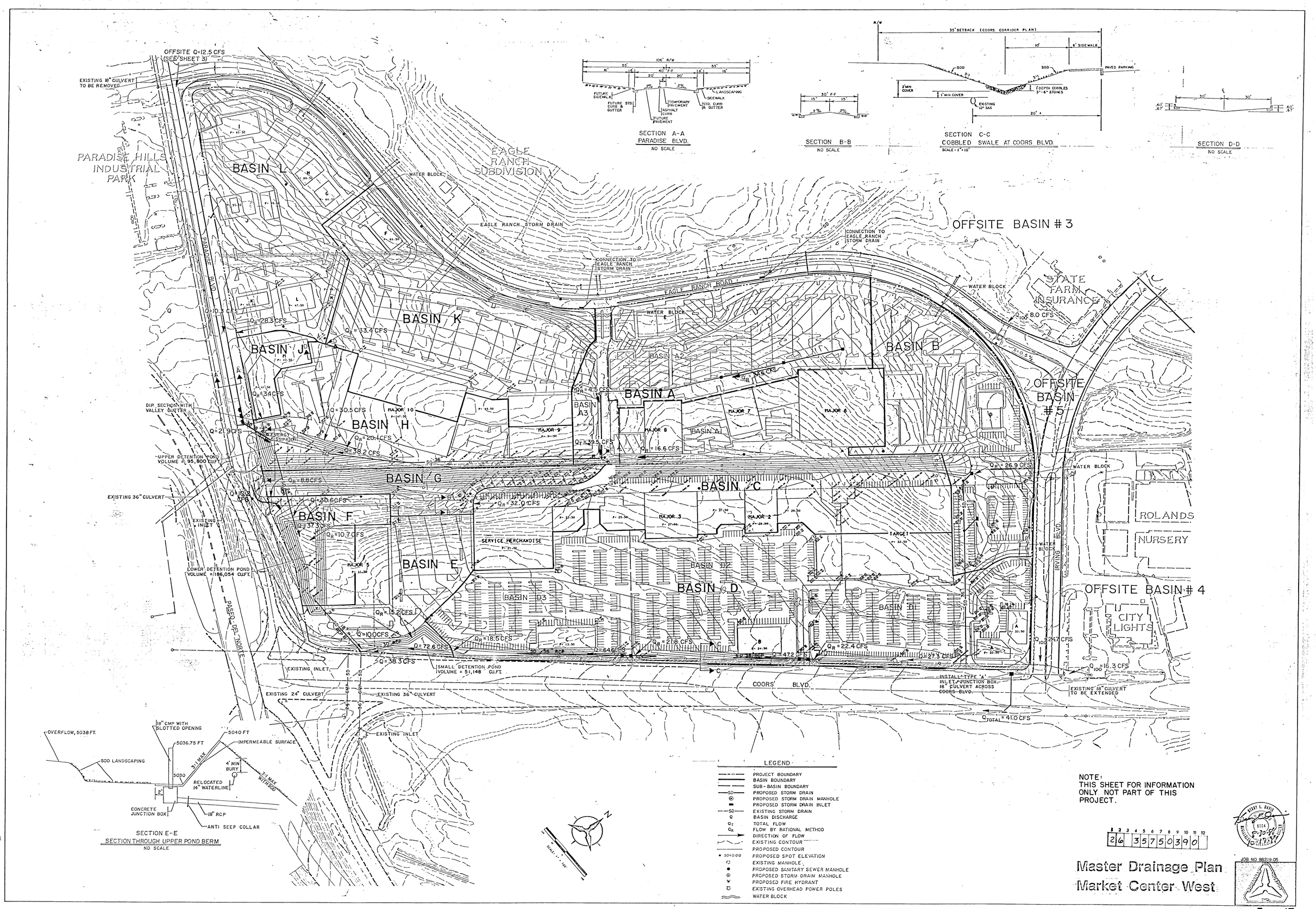
AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
RAY BACA
MICRO-FILM INFORMATION

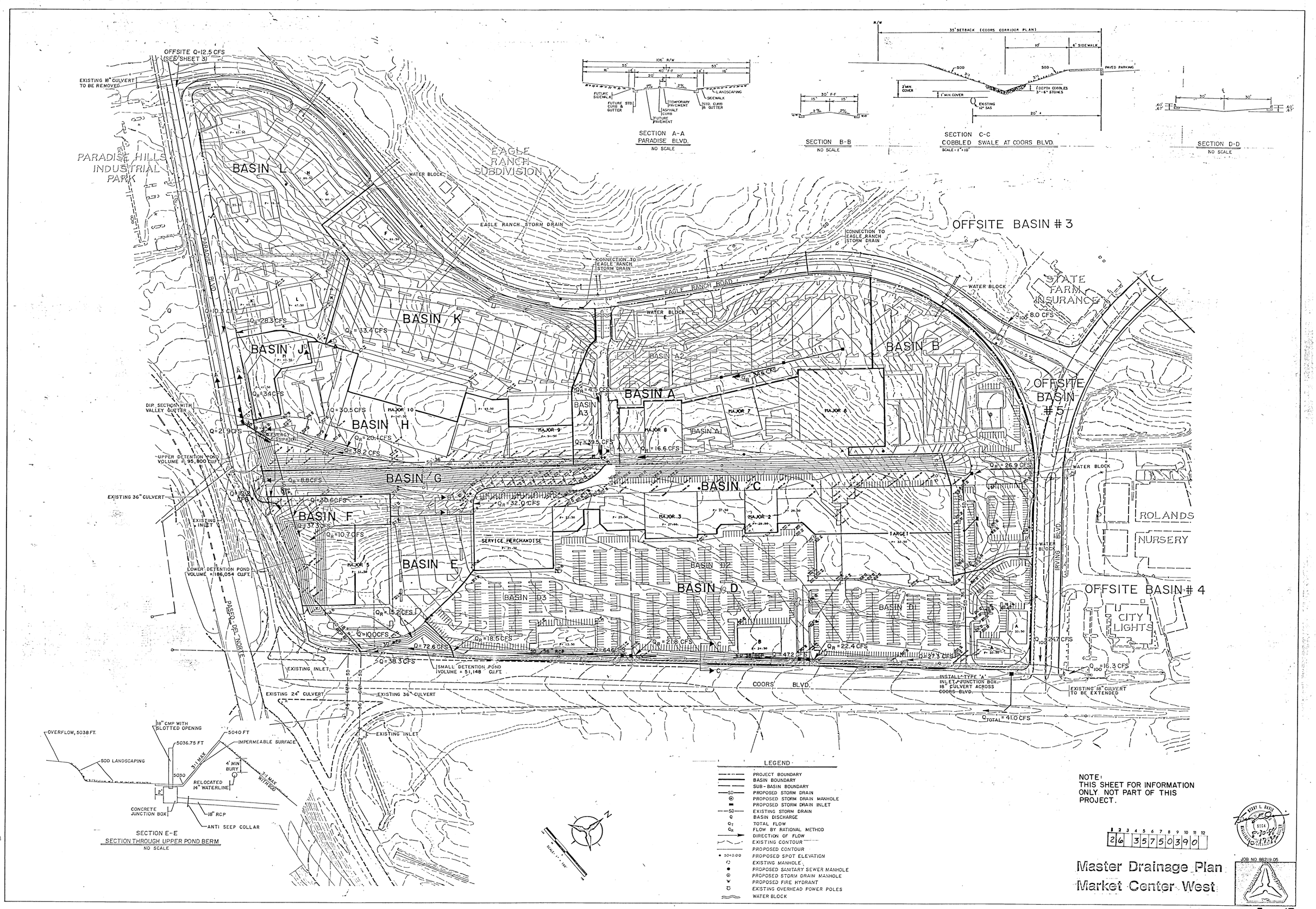
BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ α=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

REVISIONS
NO. | DATE | REMARKS | BY
DESIGN


OFFSITE Q=12.5 CFS (SEE SHEET 3)
EXISTING 18" CULVERT TO BE REMOVED
PARADISE HILLS INDUSTRIAL PARK
BASIN L
WATER BLOCK
EAGLE RANCH SUBDIVISION
EAGLE RANCH STORM DRAIN
CONNECTION TO EAGLE RANCH STORM DRAIN
OFFSITE BASIN #3
EAGLE RANCH ROAD
STATE FARM INSURANCE
PARADISE BLVD.
BASIN K
BASIN J
BASIN A2
BASIN B
BASIN A
BASIN A3
BASIN A1
OFFSITE BASIN #5
DIP SECTION WITH VALLEY GUTTER
BASIN H
ENERGY DISSIPATOR
UPPER DETENTION POND VOLUME = 95,800 CU.FT.
BASIN G
BASIN C
EXISTING 36" CULVERT
EXISTING INLET
BASIN F
SERVICE MERCHANDISE
TARGET
ROLANDS NURSERY
IRVING BLVD.
LOWER DETENTION POND VOLUME = 186,054 CU.FT.
BASIN E
BASIN D2
BASIN D
BASIN D3
BASIN D1
OFFSITE BASIN #4
CITY LIGHTS
PASEO DEL NORTE
EXISTING INLET
SMALL DETENTION POND VOLUME = 51,148 CU.FT.
COORS BLVD.
INSTALL TYPE 'A' INLET/JUNCTION BOX 18" CULVERT ACROSS COORS BLVD.
EXISTING 18" CULVERT TO BE EXTENDED
EXISTING 24" CULVERT
EXISTING 36" CULVERT
EXISTING INLET
SECTION A-A
PARADISE BLVD.
NO SCALE
SECTION B-B
NO SCALE
SECTION C-C
COBBLED SWALE AT COORS BLVD.
SCALE: 1" = 10'
SECTION D-D
NO SCALE
SECTION E-E
SECTION THROUGH UPPER POND BERM
NO SCALE
OVERFLOW, 5038 FT.
18" CMP WITH SLOTTED OPENING
5040 FT
5036.75 FT
IMPERMEABLE SURFACE
SOD LANDSCAPING
4' MIN BURY
RELOCATED 14" WATERLINE
CONCRETE JUNCTION BOX
18" RCP
ANTI SEEP COLLAR
LEGEND
PROJECT BOUNDARY
BASIN BOUNDARY
SUB-BASIN BOUNDARY
PROPOSED STORM DRAIN
PROPOSED STORM DRAIN MANHOLE
PROPOSED STORM DRAIN INLET
EXISTING STORM DRAIN
BASIN DISCHARGE
TOTAL FLOW
FLOW BY RATIONAL METHOD
DIRECTION OF FLOW
EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SPOT ELEVATION
EXISTING MANHOLE
PROPOSED SANITARY SEWER MANHOLE
PROPOSED STORM DRAIN MANHOLE
PROPOSED FIRE HYDRANT
EXISTING OVERHEAD POWER POLES
WATER BLOCK
NOTE:
THIS SHEET FOR INFORMATION ONLY NOT PART OF THIS PROJECT.
Master Drainage Plan
Market Center West
JOB NO 88219.05


OFFSITE Q=12.5 CFS (SEE SHEET 3)
EXISTING 18" CULVERT TO BE REMOVED
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INSTALL TYPE 'A' INLET/JUNCTION BOX 18" CULVERT ACROSS COORS BLVD.
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EXISTING 36" CULVERT
EXISTING INLET
SECTION A-A
PARADISE BLVD.
NO SCALE
SECTION B-B
NO SCALE
SECTION C-C
COBBLED SWALE AT COORS BLVD.
SCALE: 1" = 10'
SECTION D-D
NO SCALE
SECTION E-E
SECTION THROUGH UPPER POND BERM
NO SCALE
OVERFLOW, 5038 FT.
18" CMP WITH SLOTTED OPENING
5040 FT
5036.75 FT
IMPERMEABLE SURFACE
SOD LANDSCAPING
4' MIN BURY
RELOCATED 14" WATERLINE
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NOTE:
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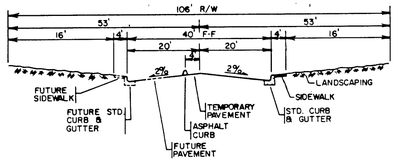
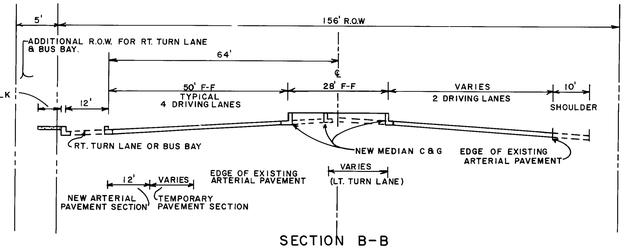
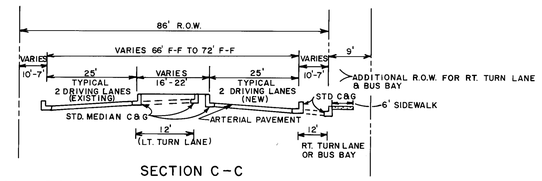
Master Drainage Plan
Market Center West
JOB NO 88219.05



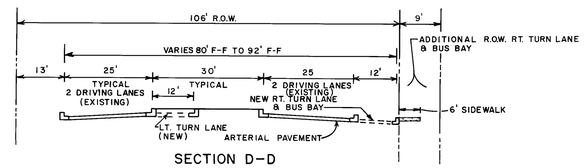
SECTION A-A
PARADISE BLVD.
NO SCALE
(FUTURE)



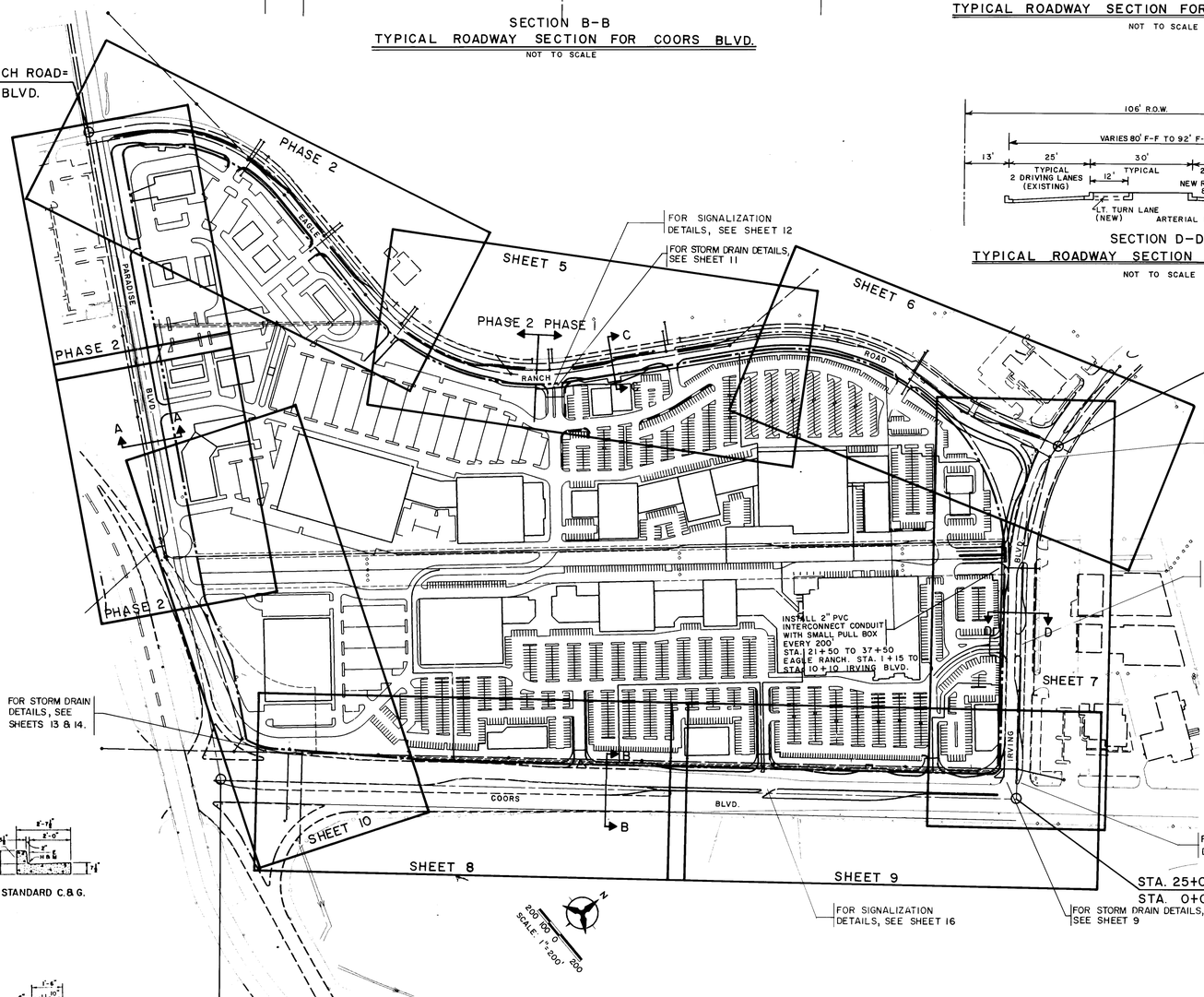
SECTION B-B
TYPICAL ROADWAY SECTION FOR COORS BLVD.
NOT TO SCALE



SECTION C-C
TYPICAL ROADWAY SECTION FOR EAGLE RANCH ROAD
NOT TO SCALE



SECTION D-D
TYPICAL ROADWAY SECTION FOR IRVING BLVD.
NOT TO SCALE



GENERAL NOTES CONT.:
ONE JOINT (20') OF WATERLINE PIPE IS TO BE INSTALLED BEYOND THE VALVE ON ALL DEAD END WATERLINE EXTENSIONS.

THE CONTRACTOR MUST NOTIFY NEW MEXICO UTILITIES INC. (898-2661) 48 HOURS PRIOR TO CONSTRUCTION AFFECTING ANY EXISTING OR PROPOSED WATER AND SEWER FACILITIES.

GENERAL NOTES

ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT, AND UNLESS STATED OTHERWISE OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION, 1986 (REFERRED HEREIN AS "STANDARD SPECIFICATIONS").

TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

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ALL GAS, ELECTRICAL, TELEPHONE, CABLE TV LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.

IT WILL BE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.

THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES.

A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVING, CONCRETE CURBS AND SIDEWALKS, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE PROJECT ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPERATE MEASUREMENT OR PAYMENT SHALL BE MADE.

WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAWCUT 1" BELOW SURFACE OF EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER, TO REMOVE ANY BROKEN OR CRACKED PAVEMENT.

ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.

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ALL TRENCH BACKFILL SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY AS PER ASTM D-1557. THE UPPER PORTION OF THE FINAL BACKFILL MAY REQUIRE 95% COMPACTION IN ORDER TO PROVIDE A SUITABLE FOUNDATION FOR PAVEMENT, CURB AND GUTTER, SIDEWALK OR OTHER TYPE OF STRUCTURE.

ALL CATCH BASIN CONNECTOR PIPES SHALL BE CLASS III RCP. ALL RCP STORM SEWER PIPE TRENCHED TO A DEPTH GREATER THAN 8' SHALL BE CLASS IV.

MANHOLE STEPS WILL BE INSTALLED IN ALL STORM DRAIN MANHOLES, AND CATCH BASINS AS PER STANDARD SPECIFICATIONS. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO OTHER CONTRACT ITEMS.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL PERMITS (SUCH AS BARRICADING, TOPSOIL DISTURBANCE AND EXCAVATION PERMITS) NECESSARY FOR THIS PROJECT PRIOR TO COMMENCING CONSTRUCTION.

ALL SUBGRADE PREPERATION SHALL BE COMPACTED TO 95% MAXIMUM DENSITY AS PER ASTM D-1557 UNLESS NOTED OTHERWISE.

CONT. ABOVE

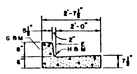
1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	5	7	5	0	4	9	0		

GENERAL NOTES:

1. CURBS, GUTTERS & CUT-OFF WALL TO BE CONSTRUCTED OF P.C.C.
2. FOR STANDARD AND MEDIAN C&G PROVIDE CONTRACTION JTS. 6' O.C. MAX., ALSO PROVIDE 1/2" EXP. JTS. 48' O.C. MAX. AT CURB RETURNS & AT EACH SIDE OF DRIVEWAY.
3. FOR ALL OTHER C & G, PROVIDE CONTR. JTS. AT 10' O.C., PROVIDE EXP. JTS. 50' O.C. & ADJACENT TO BUILDINGS & WALLS.
4. EDGES NOT SPECIF. DIMENSIONED SHALL BE EDGED WITH A 3/8" EDGING TOOL.
5. STD. C. & G. SHALL BE USED FOR NEW CONSTR. UNLESS OTHERWISE APPROVED BY THE ENGINEER.
6. REMOVE & REPLACE 12" WIDE STRIP OF PAVEMENT BEYOND LIP OF GUTTER WHEN CONSTRUCTING C. & G. ADJACENT TO EXIST. A.C. PAVEMENT.
7. STD. C. & G. REQUIRE FILL FORM ON ALL FACES EXCEPT WITH PRIOR APPROVAL OF ENGINEER.

CONSTRUCTION NOTES:

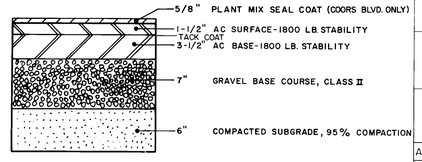
A. REQ. CONC. CHANNEL LINING, OR CUT-OFF WALL. PROVIDE 1/2" EXP. JT. BETWEEN BACK OF CURB & CONC. LINING OR WALL.
B. VARIABLE, DEPRESS AS NEEDED.
C. DRIVE NO. 4 BARS 18" DEEP IN HOLES DRILLED 2' O.C. IN EXIST. PAVEMENT, SEAL WITH EPOXY.
D. EXIST. A.C. OR P.C.C. PAVEMENT.
E. THEORETICAL FACE OF CURB OR FLOWLINE.
F. TRAFFIC SIDE.
G. 3/4" RADIUS.
H. 11/2" RADIUS.
J. 2" RADIUS.
K. 24" RADIUS.
L. TACK COAT.
M. DIMENSIONS AT ROUNDED CORNERS MEASURED TO INTERSECTION OF STRAIGHT LINES.
N. 2" A.C. SURFACE COURSE 1500 LBS. STABILITY.
P. 6" COMPACTED SUBGRADE 90% COMPACTION.



STANDARD C.&G.

MEDIAN C.&G.

CURB & GUTTER DETAIL
NOT TO SCALE
COA DWG NO. 2415



TYPICAL ARTERIAL PAVEMENT SECTION
NOT TO SCALE

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
RAY BACA 2/16/90
MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A 3" NEW MEXICO
STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99957688
Δ CC=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

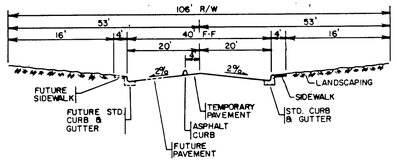
JOB NO 882905

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

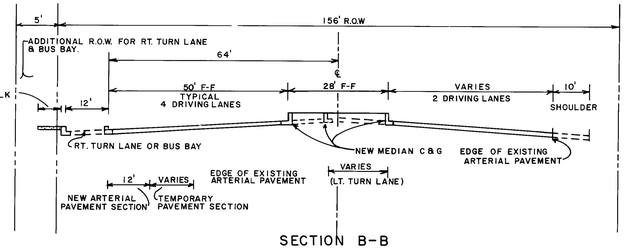
TITLE:
KEY SHEET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A Green	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger A Green	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	5-2-89

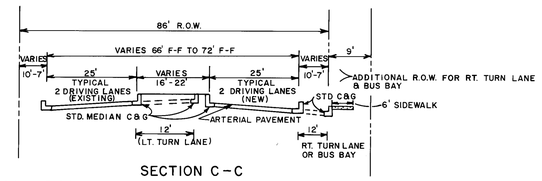
DRAWING NO. 3575 | MAP NO. C-13 | SHEET 4 OF 17



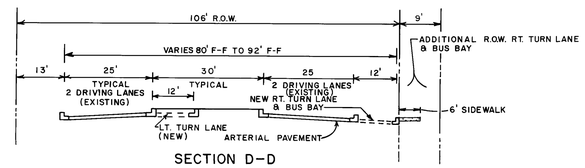
SECTION A-A
PARADISE BLVD.
NO SCALE
(FUTURE)



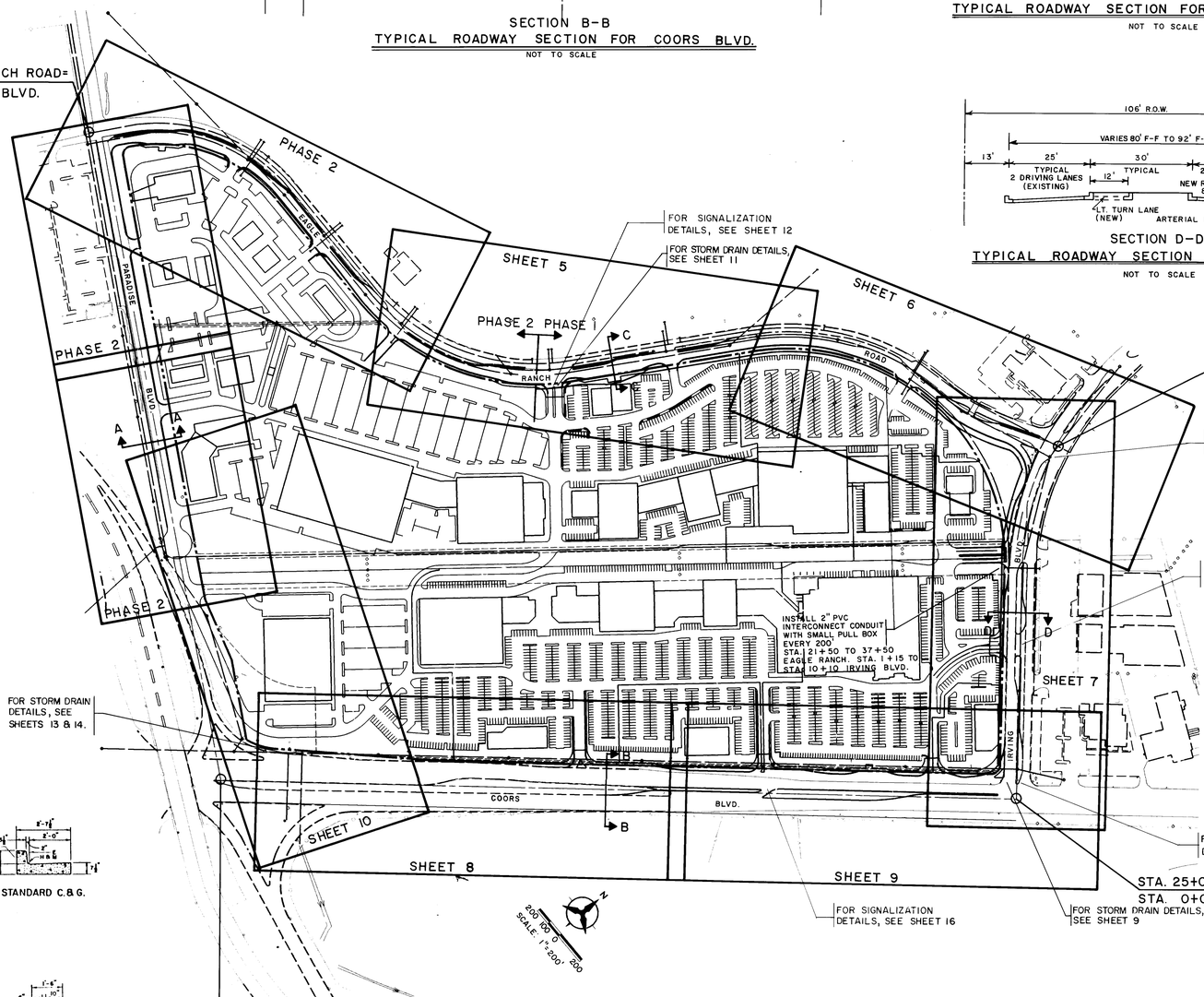
SECTION B-B
TYPICAL ROADWAY SECTION FOR COORS BLVD.
NOT TO SCALE



SECTION C-C
TYPICAL ROADWAY SECTION FOR EAGLE RANCH ROAD
NOT TO SCALE



SECTION D-D
TYPICAL ROADWAY SECTION FOR IRVING BLVD.
NOT TO SCALE



GENERAL NOTES CONT.:
ONE JOINT (20') OF WATERLINE PIPE IS TO BE INSTALLED BEYOND THE VALVE ON ALL DEAD END WATERLINE EXTENSIONS.

THE CONTRACTOR MUST NOTIFY NEW MEXICO UTILITIES INC. (898-2661) 48 HOURS PRIOR TO CONSTRUCTION AFFECTING ANY EXISTING OR PROPOSED WATER AND SEWER FACILITIES.

GENERAL NOTES

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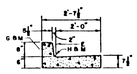
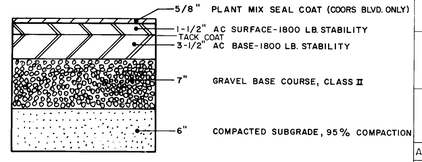


STANDARD C.&G.

MEDIAN C.&G.

CURB & GUTTER DETAIL
NOT TO SCALE
COA DWG NO. 2415



TYPICAL ARTERIAL PAVEMENT SECTION
NOT TO SCALE

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
RAY BACA 2/16/90
MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A 3" NEW MEXICO
STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99957688
Δ CC=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

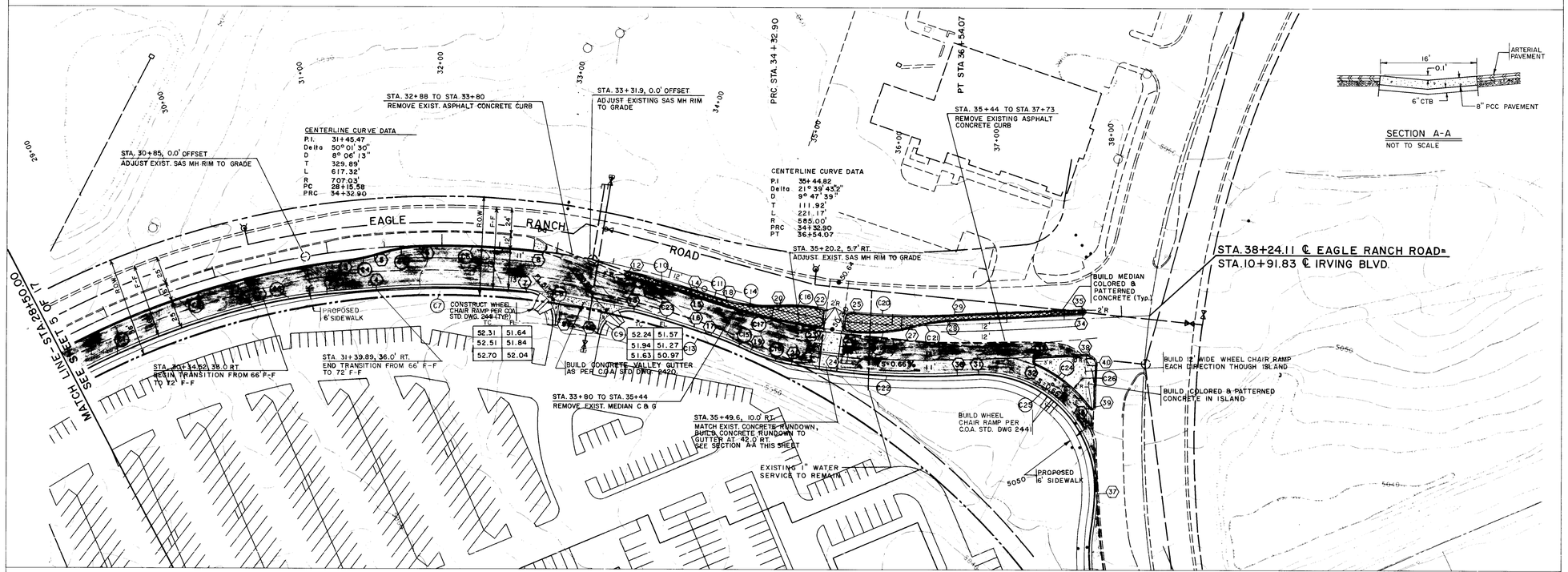
JOB NO 882905

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

TITLE:
KEY SHEET

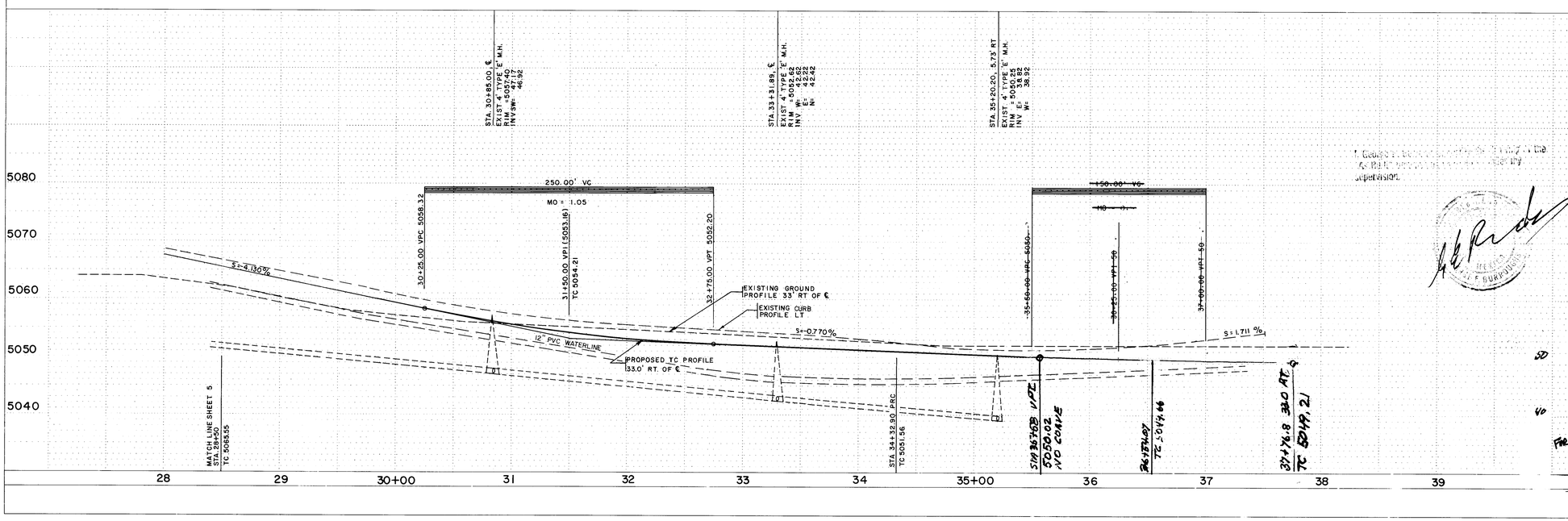
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A Green	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger A Green	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	5-2-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 4 OF 17



C7	52.31	51.64
	52.51	51.84
	52.70	52.04
C9	52.24	51.57
	51.94	51.27
C13	51.63	50.97

	Delta	D	T	L	R
C1	17° 44' 31"	8° 30' 02"	105.20'	208.72'	674.03'
C2	24° 22' 16"	8° 11' 48"	150.95'	297.32'	699.03'
C3	8° 32' 20"	14° 12' 17"	30.11'	60.11'	403.36'
C4	10° 36' 11"	37° 12' 18"	14.29'	28.50'	154.00'
C5	16° 21' 58"	38° 11' 50"	21.57'	42.84'	150.00'
C6	8° 6' 14"	8° 6' 13"	50.09'	100.00'	707.03'
C7	11° 16' 41"	8° 32' 18"	66.26'	132.09'	671.03'
C8	94° 5' 35"	229° 11' 00"	26.86'	41.06'	25.00'
C9	94° 4' 23"	229° 11' 00"	26.84'	41.04'	25.00'
C10	5° 06' 36"	8° 8' 59"	31.37'	62.70	703.03
C11	1° 47' 20"	9° 43' 39"	9.20'	18.39'	589.00'
C12	5° 06' 36"	8° 11' 47"	31.19	62.35	699.03'
C13	1° 2' 10"	9° 13' 35"	5.61'	11.23'	621.00'
C14	21° 4' 12"	38° 11' 50"	27.90'	55.16'	150.00'
C15	7° 45' 54"	19° 5' 54"	20.36'	40.66'	300.00'
C16	12° 32' 10"	38° 11' 50"	16.48'	32.82	150.00'
C17	10° 20' 35"	9° 39' 43"	53.67'	107.05'	593.00'
C18	15° 3' 36"	38° 11' 50"	19.83'	39.43'	150.00'
C19	23° 20' 17"	38° 11' 50"	30.98'	61.10'	150.00'
C20	9° 08' 56"	9° 55' 47"	46.17'	92.14'	577.00'
C21	12° 25' 48"	38° 11' 50"	16.33'	32.54'	150.00'
C22	13° 19' 59"	9° 6' 32"	73.52'	146.37'	629.00'
C23	4° 18' 00"	8° 32' 19"	25.19'	50.36'	671.03'
C24	28° 09' 22"	48° 8' 52"	29.84'	58.48'	119.00'
C25	96° 3' 54"	57° 17' 45"	111.18'	167.66'	100.00'
C26	2° 05' 56"	6° 30' 05"	16.15'	32.29'	881.29'



PT.	STATION	OFFSET	TC ELEV.
1	30+34.52	33.00' RT	57.93
2	30+97.59	34.79' RT	55.64
3	31+16.31	8.00' RT	55.61
4	31+39.89	36.00' RT	54.40
5	31+44.85	4.80' RT	54.90
6	31+87.43	0.00'	54.04
7	32+79.06	36.00' RT	52.11
8	32+87.43	0.00'	53.57 *
9	33+06.42	62.31' RT	52.90
10	33+52.48	62.29' RT	52.54
11	33+69.85	8.00' RT	52.49
12	33+69.85	4.00' RT	52.57
13	33+79.83	36.00' RT	51.33
14	34+32.90	4.00' RT	51.77
15	34+32.90	8.00' RT	51.61
16	34+32.90	36.00' RT	50.92
17	34+43.48	36.00' RT	50.84
18	34+51.18	4.00' RT	51.54
19	34+81.44	40.06' RT	50.47
20	35+05.50	3.51' LT	51.13
21	35+17.95	44.00' RT	50.11
22	35+38.26	8.00' LT	50.89
23	35+38.52	8.00' RT	50.76
24	35+50.00	44.00' RT	49.86
25	35+60.67	8.00' LT	51.08
26	35+60.44	8.00' RT	50.91
27	36+20.24	0.50' RT	51.60
28	36+52.51	4.00' LT	51.96
29	36+54.07	8.00' LT	52.06
30	36+54.07	44.00' RT	~~49.72~~ 49.66
31	36+70.11	44.00' RT	~~49.66~~ 49.60
32	37+25.48	38.65' RT	51.41
33	37+26.88	33.00' RT	51.54
34	37+66.30	4.00' LT	53.45
35	37+66.30	8.00' LT	53.65
36	37+68.63	77.24' RT	50.23
37	37+69.54	154.57' RT	47.91
38	37+65.49	33.00' RT	51.90
39	37+72.29	76.29' RT	50.35
40	37+75.43	44.16' RT	51.65

* MATCH EXISTING C & G

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT
- REMOVE EXISTING PAVEMENT

N

SCALE: 1" = 50'

1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 5 7 5 0 6 9 0

AS BUILT INFORMATION
SUNDANCE
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USC & GS BRASS TABLET TR. ALAMEDA A-3" NEW MEXICO
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SURVEY INFORMATION
FIELD NOTES

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ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DATE
DATE
DATE

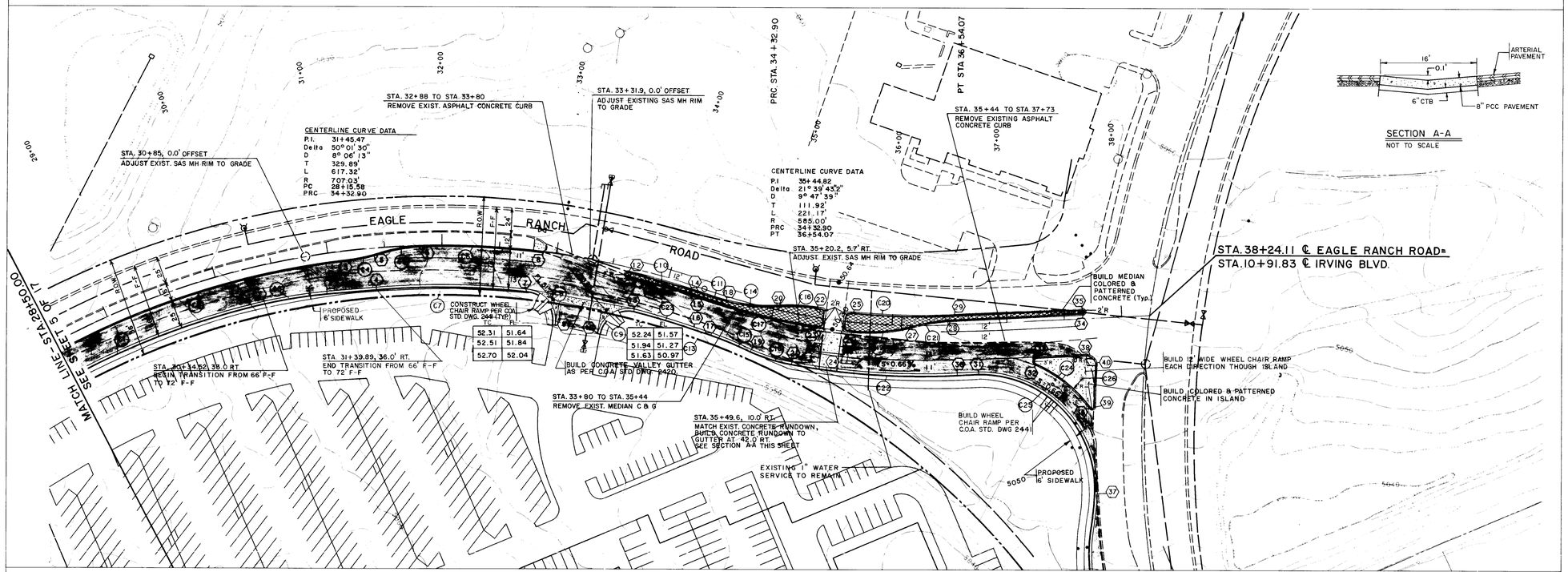
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
EAGLE RANCH ROAD
STA. 28+50.00 – STA. 38+24.11

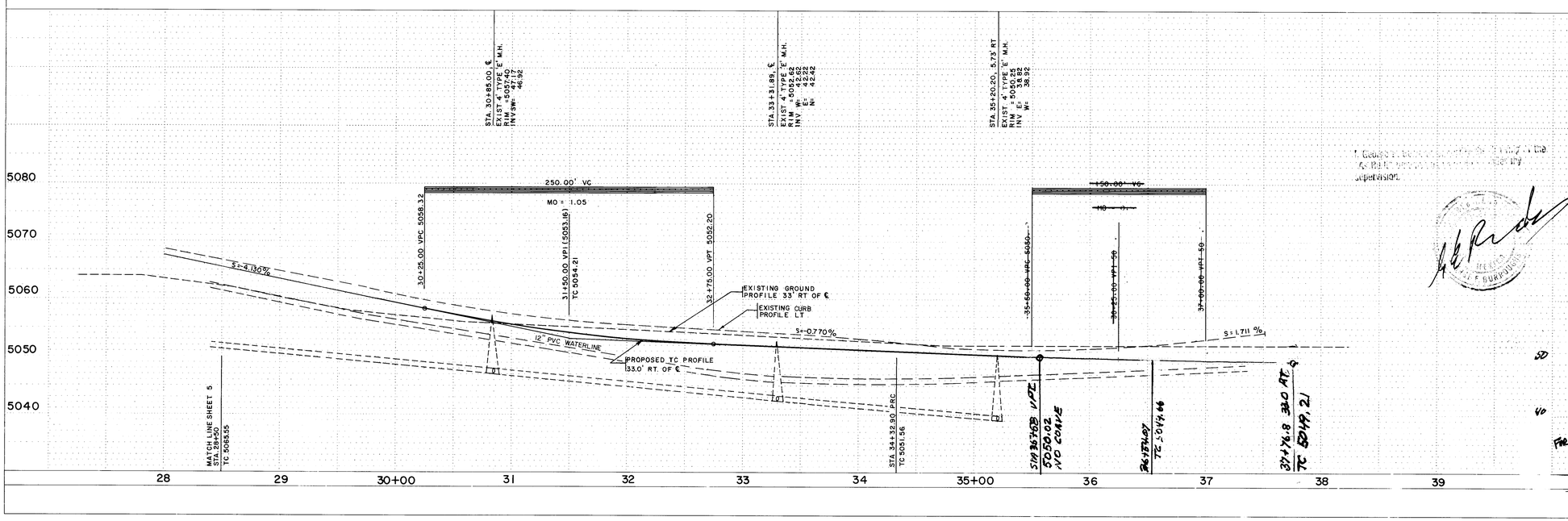
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Strauss	4/11/89	Liquid Waste	N/A	
A.C.E. – Design	"	"	Traffic	Roger A. Strauss	4/11/89
A.C.E. – Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 6 OF 17



C7	52.31	51.64
	52.51	51.84
	52.70	52.04
C9	52.24	51.57
	51.94	51.27
C13	51.63	50.97

	Delta	D	T	L	R
C1	17° 44' 31"	8° 30' 02"	105.20'	208.72'	674.03'
C2	24° 22' 16"	8° 11' 48"	150.95'	297.32'	699.03'
C3	8° 32' 20"	14° 12' 17"	30.11'	60.11'	403.36'
C4	10° 36' 11"	37° 12' 18"	14.29'	28.50'	154.00'
C5	16° 21' 58"	38° 11' 50"	21.57'	42.84'	150.00'
C6	8° 6' 14"	8° 6' 13"	50.09'	100.00'	707.03'
C7	11° 16' 41"	8° 32' 18"	66.26'	132.09'	671.03'
C8	94° 5' 35"	229° 11' 00"	26.86'	41.06'	25.00'
C9	94° 4' 23"	229° 11' 00"	26.84'	41.04'	25.00'
C10	5° 06' 36"	8° 8' 59"	31.37'	62.70	703.03
C11	1° 47' 20"	9° 43' 39"	9.20'	18.39'	589.00'
C12	5° 06' 36"	8° 11' 47"	31.19	62.35	699.03'
C13	1° 2' 10"	9° 13' 35"	5.61'	11.23'	621.00'
C14	21° 4' 12"	38° 11' 50"	27.90'	55.16'	150.00'
C15	7° 45' 54"	19° 5' 54"	20.36'	40.66'	300.00'
C16	12° 32' 10"	38° 11' 50"	16.48'	32.82	150.00'
C17	10° 20' 35"	9° 39' 43"	53.67'	107.05'	593.00'
C18	15° 3' 36"	38° 11' 50"	19.83'	39.43'	150.00'
C19	23° 20' 17"	38° 11' 50"	30.98'	61.10'	150.00'
C20	9° 08' 56"	9° 55' 47"	46.17'	92.14'	577.00'
C21	12° 25' 48"	38° 11' 50"	16.33'	32.54'	150.00'
C22	13° 19' 59"	9° 6' 32"	73.52'	146.37'	629.00'
C23	4° 18' 00"	8° 32' 19"	25.19'	50.36'	671.03'
C24	28° 09' 22"	48° 8' 52"	29.84'	58.48'	119.00'
C25	96° 3' 54"	57° 17' 45"	111.18'	167.66'	100.00'
C26	2° 05' 56"	6° 30' 05"	16.15'	32.29'	881.29'



PT.	STATION	OFFSET	TC ELEV.
1	30+34.52	33.00' RT	57.93
2	30+97.59	34.79' RT	55.64
3	31+16.31	8.00' RT	55.61
4	31+39.89	36.00' RT	54.40
5	31+44.85	4.80' RT	54.90
6	31+87.43	0.00'	54.04
7	32+79.06	36.00' RT	52.11
8	32+87.43	0.00'	53.57 *
9	33+06.42	62.31' RT	52.90
10	33+52.48	62.29' RT	52.54
11	33+69.85	8.00' RT	52.49
12	33+69.85	4.00' RT	52.57
13	33+79.83	36.00' RT	51.33
14	34+32.90	4.00' RT	51.77
15	34+32.90	8.00' RT	51.61
16	34+32.90	36.00' RT	50.92
17	34+43.48	36.00' RT	50.84
18	34+51.18	4.00' RT	51.54
19	34+81.44	40.06' RT	50.47
20	35+05.50	3.51' LT	51.13
21	35+17.95	44.00' RT	50.11
22	35+38.26	8.00' LT	50.89
23	35+38.52	8.00' RT	50.76
24	35+50.00	44.00' RT	49.86
25	35+60.67	8.00' LT	51.08
26	35+60.44	8.00' RT	50.91
27	36+20.24	0.50' RT	51.60
28	36+52.51	4.00' LT	51.96
29	36+54.07	8.00' LT	52.06
30	36+54.07	44.00' RT	~~49.72~~ 49.66
31	36+70.11	44.00' RT	~~49.66~~ 49.60
32	37+25.48	38.65' RT	51.41
33	37+26.88	33.00' RT	51.54
34	37+66.30	4.00' LT	53.45
35	37+66.30	8.00' LT	53.65
36	37+68.63	77.24' RT	50.23
37	37+69.54	154.57' RT	47.91
38	37+65.49	33.00' RT	51.90
39	37+72.29	76.29' RT	50.35
40	37+75.43	44.16' RT	51.65

* MATCH EXISTING C & G

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT
- REMOVE EXISTING PAVEMENT

N

SCALE: 1" = 50'

1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 5 7 5 0 6 9 0

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
RAY BACA 2/16/90

BENCH MARKS
USC & GS BRASS TABLET TR. ALAMEDA A-3" NEW MEXICO
STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.999967685
Δ CG=00° 14' 13"
EL.EV.=5027.05

MICRO-FILM INFORMATION

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DATE
DATE
DATE

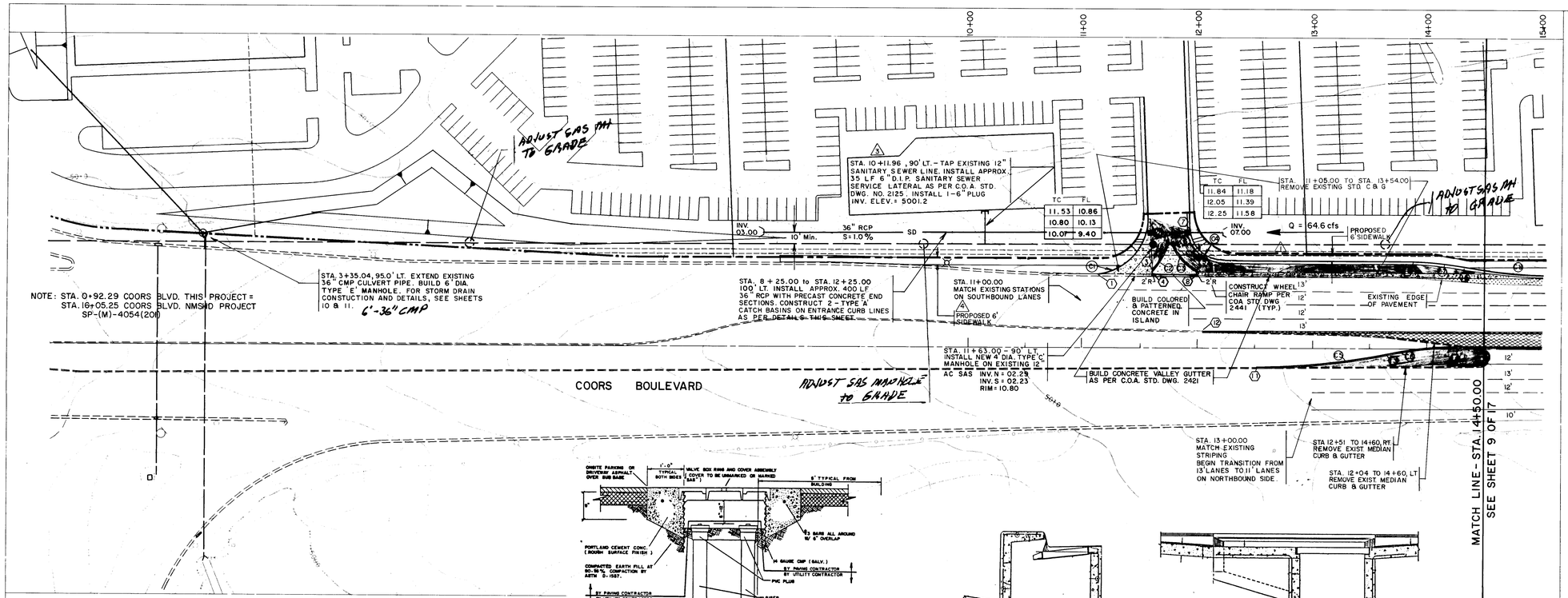
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
EAGLE RANCH ROAD
STA. 28+50.00 – STA. 38+24.11

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Strauss	4/11/89	Liquid Waste	N/A	
A.C.E. – Design	"	"	Traffic	Roger A. Strauss	4/11/89
A.C.E. – Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

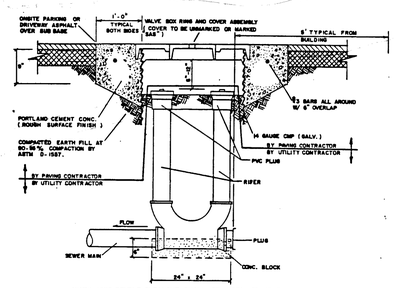
DRAWING NO. 3575 | MAP NO. C-13 | SHEET 6 OF 17



PT.	STATION	OFFSET	TC ELEV.
1	11+05.86	64.00' LT	09.34 *
2	11+55.90	116.79' LT	12.26
3	11+60.16	67.32' LT	10.36
4	11+61.67	64.00' LT	10.18
5	11+73.50	89.79' LT	11.50
6	11+77.25	89.77' LT	11.57
7	11+92.46	104.73' LT	12.45
8	11+92.41	64.00' LT	10.82
9	11+93.61	67.60' LT	10.98
10	12+22.43	76.00' LT	11.64
11	12+51.39	13.00' RT	13.26 *
12	12+03.93	14.00' LT	12.04 *
13	13+68.04	4.24' RT	15.89
14	13+77.38	76.00' LT	15.16
15	14+26.22	72.00' LT	16.23
16	14+28.64	2.00' LT	17.36

* MATCH EXISTING C & G

1	Delta 92° 30' 22"	D 114° 35' 30"	T 52.24'	L 80.73'	R 50.00'
2	Delta 22° 48' 52"	D 79° 34' 39"	T 14.52'	L 28.66'	R 72.00'
3	Delta 33° 21' 11"	D 119° 21' 59"	T 14.38'	L 27.94'	R 48.00'
4	Delta 87° 35' 13"	D 191° 59' 10"	T 28.76'	L 45.85'	R 30.00'
5	Delta 11° 13' 08"	D 9° 32' 58"	T 58.93'	L 117.49'	R 600.00'
6	Delta 11° 39' 11"	D 19° 05' 55"	T 30.61'	L 61.02'	R 300.00'
7	Delta 9° 22' 12"	D 19° 05' 55"	T 24.58'	L 49.06'	R 300.00'
8	Delta 9° 22' 05"	D 9° 32' 58"	T 49.16'	L 98.10'	R 600.00'

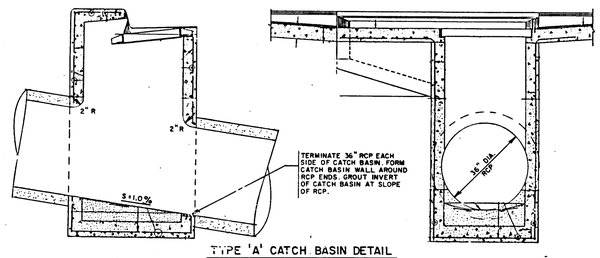


NOTE: THIS DOUBLE CLEANOUT SHALL BE INSTALLED AT THE ENDS OF ALL SEWER SERVICE LATERALS.

NOTE: FOR VALVE BOXES IN PAVEMENT AREAS, THE UTILITY CONTRACTOR IS TO PROVIDE THE CAN AND LID. THE SITEWORK CONTRACTOR SHALL PROVIDE THE CONC. COLLAR AND ADJUST TO GRADE.

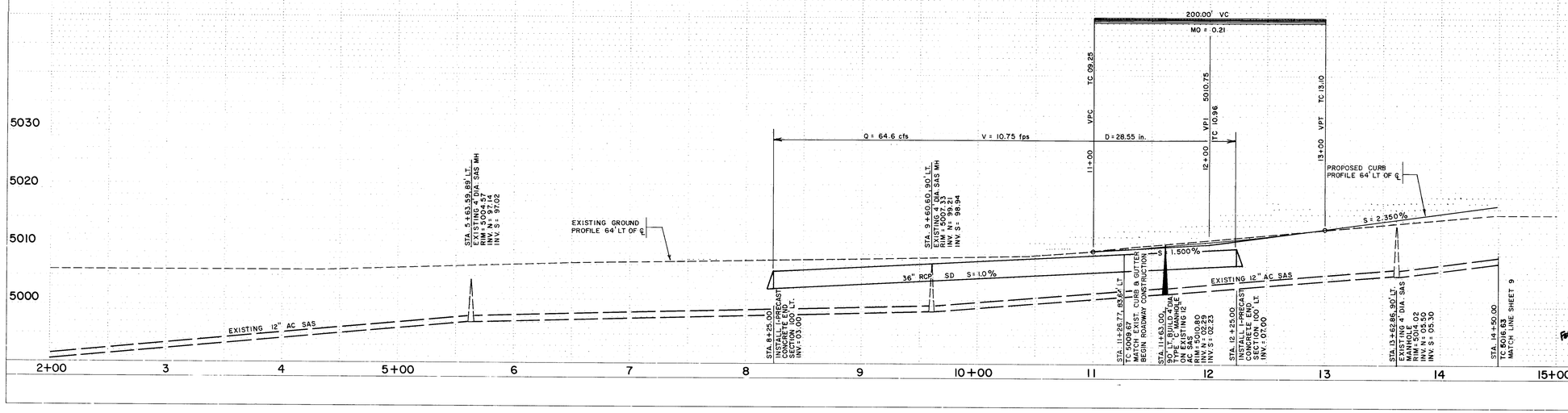
3 TYPICAL IN-LINE DOUBLE CLEANOUT AND VALVE BOX INSTALATION DETAIL

NOT TO SCALE



TYPE 'A' CATCH BASIN DETAIL

AS PER CITY STD. DETAIL 2



SCALE: 1" = 50'

AS BUILT INFORMATION

SUNDANCE
WALKER SURVEY
RAY BACA 2/16/90

MICRO-FILM INFORMATION

SURVEY INFORMATION
FIELD NOTES

BENCH MARK

USC & GS BRASS TABLET 'R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR = 0.99967685
Δ α = 00° 14' 13"
ELEV. = 5027.05

NO.	DATE	BY	REMARKS
3	6/89	KLD	ADDED SIDEWALK
2	5/89	KLD	CHANGED SANITARY SEWER SERVICE STATION & PLUG
1	4/89	KLD	MOVED SIDEWALK LOCATION ALONG COORS

REVISIONS

DESIGN

ENGINEER'S SEAL

I, Carl E. Brown, certify that I have "As-Built" Plans on file, under my supervision.

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT - DEVELOPER
- REMOVE EXISTING PAVEMENT
- NEW PAVEMENT - NOT PART OF THIS CONTRACT TO BE DONE BY OTHER

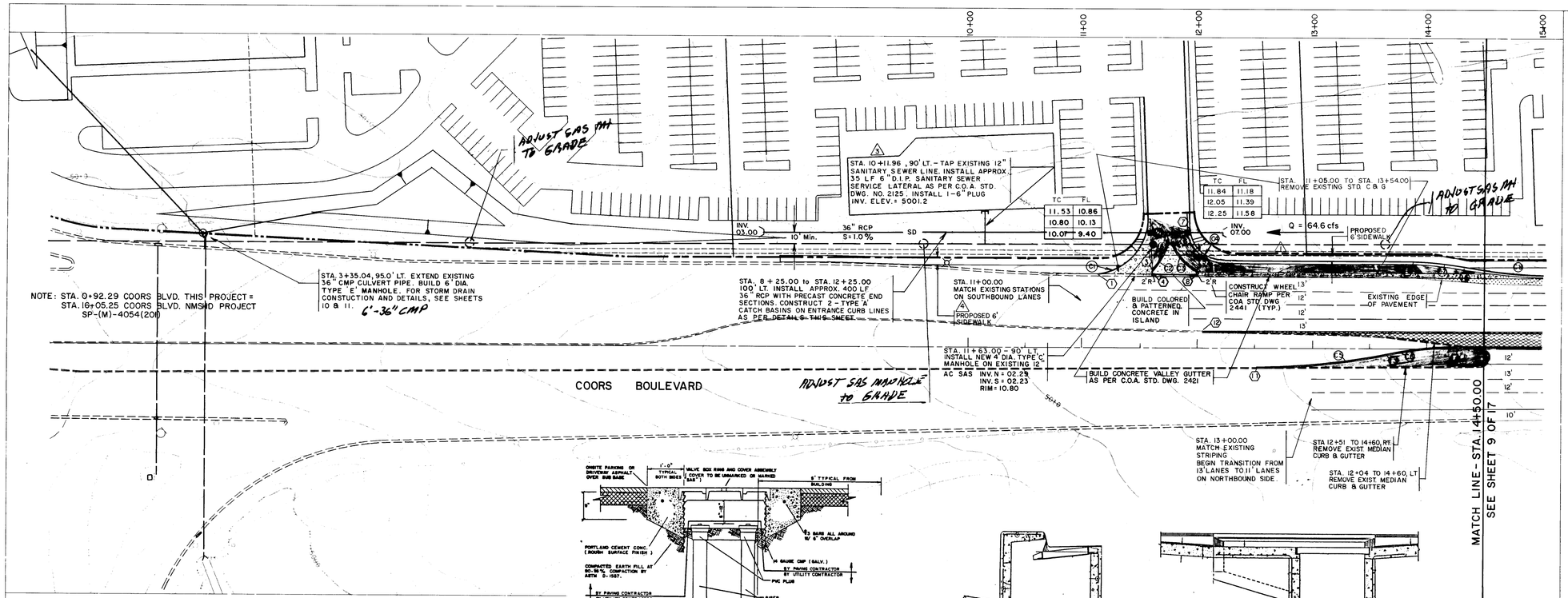
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO 88219.05

TITLE: COORS BOULEVARD
STA. 2+00.00 - STA. 14+50.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Shaw	4/11/89	Liquid Waste	N/A	
A.C.E. - Design	"	"	Traffic	Roger A. Shaw	4-11-89
A.C.E. - Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	8	17



PT.	STATION	OFFSET	TC ELEV.
1	11+05.86	64.00' LT	09.34 *
2	11+55.90	116.79' LT	12.26
3	11+60.16	67.32' LT	10.36
4	11+61.67	64.00' LT	10.18
5	11+73.50	89.79' LT	11.50
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12	12+03.93	14.00' LT	12.04 *
13	13+68.04	4.24' RT	15.89
14	13+77.38	76.00' LT	15.16
15	14+26.22	72.00' LT	16.23
16	14+28.64	2.00' LT	17.36

* MATCH EXISTING C & G

1	Delta 92° 30' 22"	D 114° 35' 30"	T 52.24'	L 80.73'	R 50.00'
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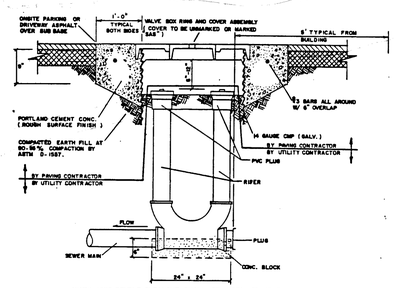
3	Delta 33° 21' 11"	D 119° 21' 59"	T 14.38'	L 27.94'	R 48.00'
4	Delta 87° 35' 13"	D 191° 59' 10"	T 28.76'	L 45.85'	R 30.00'
5	Delta 11° 13' 08"	D 9° 32' 58"	T 58.93'	L 117.49'	R 600.00'
6	Delta 11° 39' 11"	D 19° 05' 55"	T 30.61'	L 61.02'	R 300.00'
7	Delta 9° 22' 12"	D 19° 05' 55"	T 24.58'	L 49.06'	R 300.00'
8	Delta 9° 22' 05"	D 9° 32' 58"	T 49.16'	L 98.10'	R 600.00'



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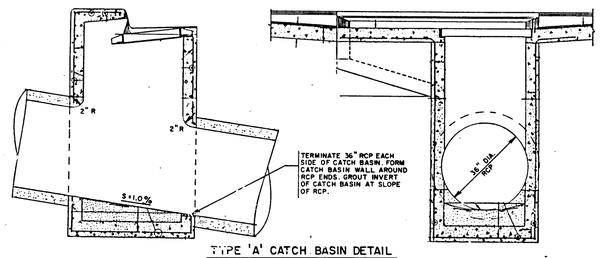
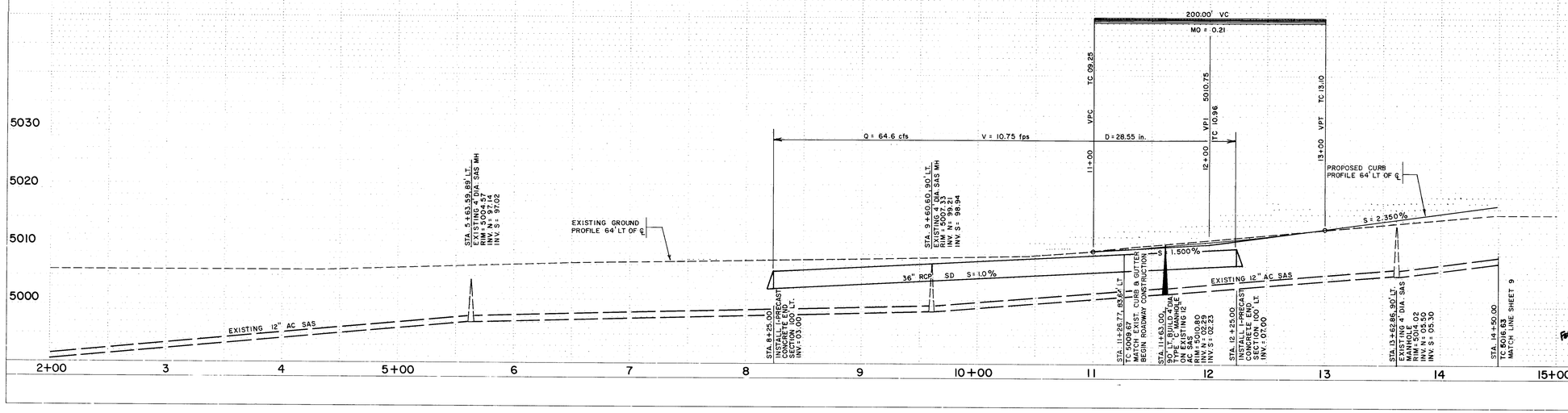


TYPE 'A' CATCH BASIN DETAIL

AS PER CITY STD. DETAIL 2



SCALE: 1" = 50'

AS BUILT INFORMATION

SUNDANCE
WALKER SURVEY
RAY BACA 2/16/90

MICRO-FILM INFORMATION

SURVEY INFORMATION
FIELD NOTES

BENCH MARK

USC & GS BRASS TABLET 'R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
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NO.	DATE	BY	REMARKS
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1	4/89	KLD	MOVED SIDEWALK LOCATION ALONG COORS

REVISIONS

DESIGN

ENGINEER'S SEAL

I, Carl E. Brown, certify that I have "As-Built" Plans on file, under my supervision.

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT - DEVELOPER
- REMOVE EXISTING PAVEMENT
- NEW PAVEMENT - NOT PART OF THIS CONTRACT TO BE DONE BY OTHER

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO 88219.05

TITLE: COORS BOULEVARD
STA. 2+00.00 - STA. 14+50.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
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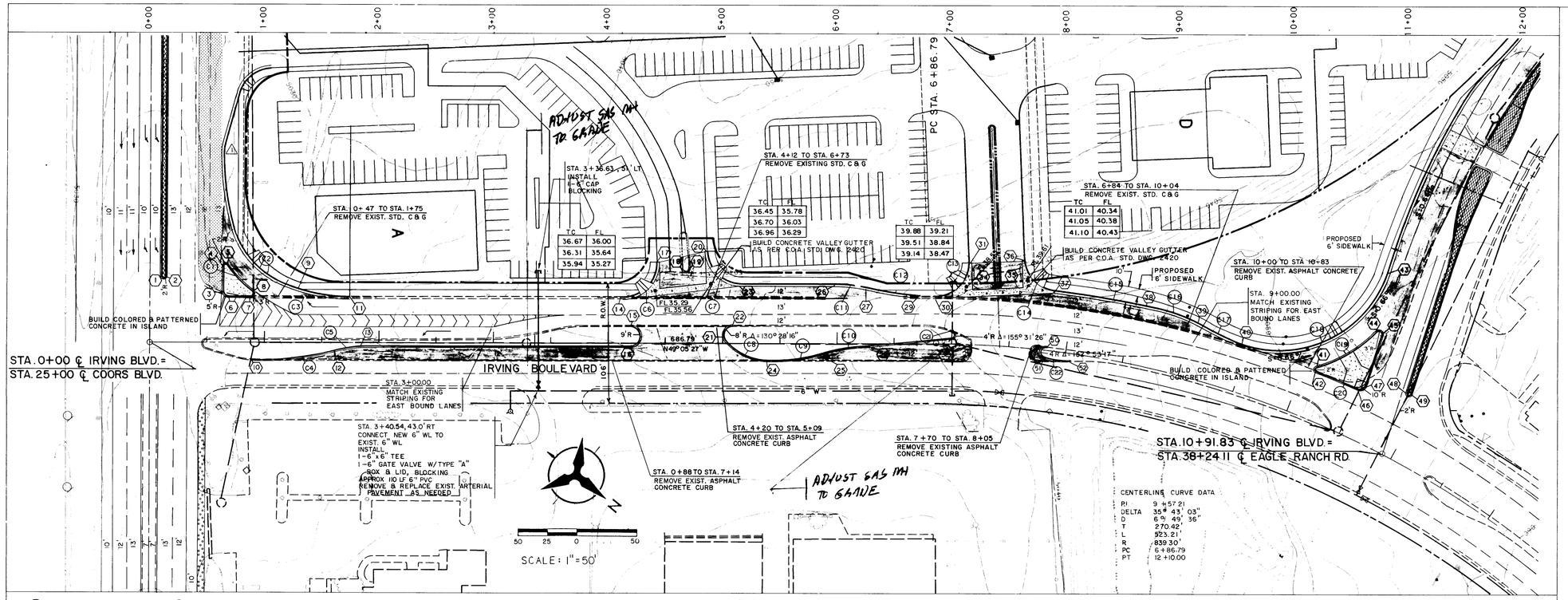
A.C.E. - Design	"	"	Traffic	Roger A. Shaw	4-11-89
A.C.E. - Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	8	17



PT.	STATION	OFFSET	TC ELEV.
1	0+10.04	58.18' LT	32.20
2	0+14.04	58.18' LT	32.22
3	0+64.03	45.14' LT	32.34
4	0+64.05	66.58' LT	31.96
5	0+67.69	67.72' LT	31.87
6	0+69.02	40.00' LT	32.31
7	0+87.36	40.00' LT	32.83
8	0+89.13	45.53' LT	32.56
9	1+15.63	52.10' LT	32.68
10	0+88.73	15.00' RT	33.17 *
11	1+74.38	40.00' LT	33.59 *
12	1+61.22	6.11' RT	34.03
13	1+86.59	3.00' RT	34.33
14	4+12.70	40.00' LT	35.57 *
15	4+19.89	15.00' LT	36.01 *
16	4+20.34	3.00' RT	36.57
17	4+42.66	71.53' LT	37.04
18	4+64.91	65.98' LT	FUTURE
19	4+70.89	66.07' LT	FUTURE
20	4+86.32	80.75' LT	37.21
21	5+02.75	2.25' LT	36.95
22	5+08.75	15.00' LT	36.83 *
23	5+16.29	52.00' LT	36.19
24	5+40.70	15.00' RT	37.22
25	5+87.60	8.64' RT	37.66
26	5+96.29	52.00' LT	37.26
27	6+29.17	48.34' LT	37.67
28	6+18.75	2.72' LT	38.46
29	6+72.89	41.00' LT	38.47 *
30	6+84.83	41.00' LT	38.77 *
31	7+12.85	72.82' LT	40.25
32	6+99.51	4.00' RT	39.70
33	7+00.41	11.75' LT	39.56 *
34	7+35.06	51.77' LT	FUTURE
35	7+38.81	52.19' LT	FUTURE
36	7+56.66	77.79' LT	41.14
37	7+83.78	52.00' LT	40.96
38	8+70.87	52.00' LT	44.23
39	9+11.06	46.88' LT	46.02
40	9+36.96	42.00' LT	47.91
41	10+10.40	45.56' LT	50.23
42	10+11.58	42.00' LT	50.35
43	10+32.10	146.68' LT	49.02
44	10+42.05	92.25' LT	51.41
45	10+47.25	91.52' LT	51.54
46	10+42.32	42.00' LT	51.65
47	10+51.66	53.21' LT	51.90
48	10+86.09	57.84' LT	53.45
49	10+89.79	58.51' LT	53.65
50	7+84.14	3.00' LT	41.95 *
51	7+83.52	4.80' RT	41.89
52	8+04.68	6.70' RT	42.56 *

* MATCH EXISTING CURB & GUTTER

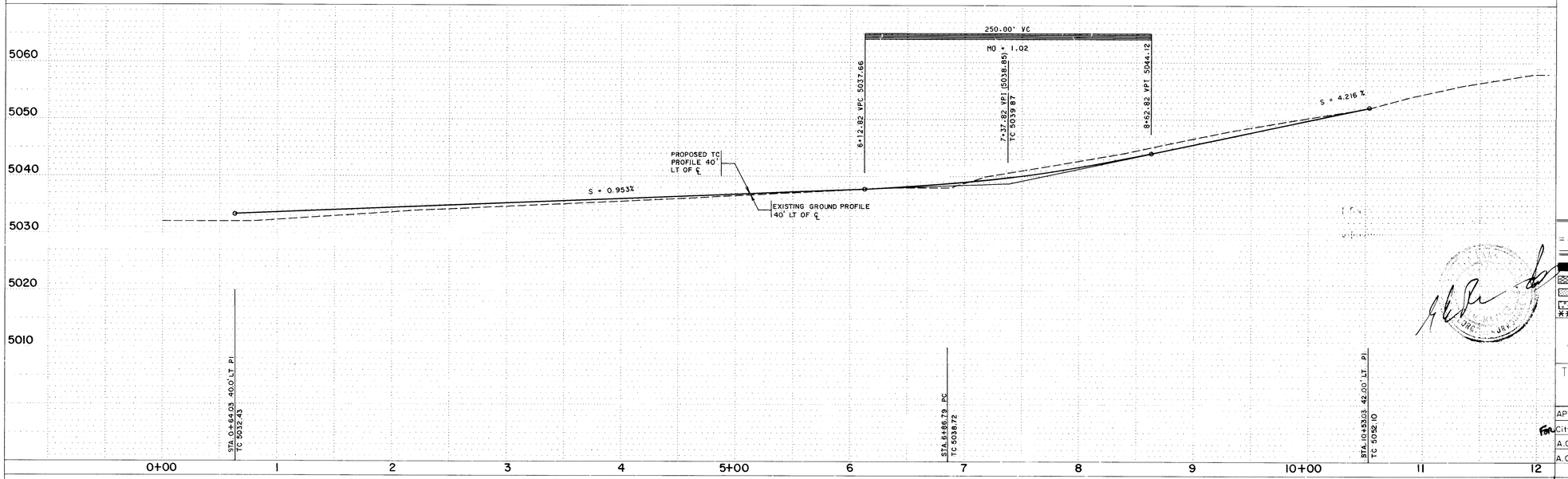
1	2	3	4	5	6	7	8	9	10	11	12
2	6		3	5	7	5	0	7	9	0	

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT
- REMOVE EXISTING PAVEMENT
- NEW PAVEMENT **
- TEMPORARY PAVEMENT **

** NOT PART OF THIS CONTRACT - TO BE DONE BY OTHERS.

C1	Delta 18° 53' 13"	D 60° 57' 11"	T 15.63'	L 30.99'	R 94.00'
C2	Delta 51° 52' 41"	D 76° 23' 40"	T 36.48'	L 67.90'	R 75.00'
C3	Delta 23° 3' 29"	D 38° 11' 50"	T 30.60'	L 60.37'	R 150.00'
C4	Delta 13° 58' 59"	D 19° 5' 55"	T 36.79'	L 73.22'	R 300.00'
C5	Delta 13° 59' 02"	D 38° 11' 50"	T 12.88'	L 25.63'	R 150.00'
C6	Delta 92° 21' 58"	D 190° 59' 10"	T 31.26'	L 48.36'	R 30.00'
C7	Delta 87° 37' 19"	D 191° 59' 10"	T 28.78'	L 45.87'	R 30.00'
C8	Delta 49° 18' 07"	D 114° 35' 30"	T 22.95'	L 43.02'	R 50.00'
C9	Delta 16° 39' 54"	D 38° 11' 50"	T 21.97'	L 43.63'	R 150.00'
C10	Delta 12° 08' 06"	D 38° 11' 50"	T 15.94'	L 31.77'	R 150.00'
C11	Delta 12° 39' 43"	D 38° 11' 50"	T 16.64'	L 33.15'	R 150.00'
C12	Delta 8° 26' 53"	D 19° 05' 55"	T 22.16'	L 44.24'	R 300.00'
C13	Delta 92° 54' 54"	D 6° 25' 42"	T 31.57'	L 48.65'	R 30.00'
C14	Delta 80° 59' 28"	D 190° 59' 10"	T 25.62'	L 42.40'	R 30.00'
C15	Delta 5° 56' 42"	D 6° 25' 42"	T 46.28'	L 92.48'	R 891.30'
C16	Delta 16° 25' 48"	D 38° 11' 50"	T 21.65'	L 43.01'	R 150.00'
C17	Delta 5° 17' 31"	D 19° 05' 55"	T 13.86'	L 27.71'	R 300.00'
C18	Delta 96° 3' 54"	D 57° 17' 45"	T 111.18'	L 167.66'	R 100.00'
C19	Delta 28° 09' 22"	D 48° 08' 52"	T 29.84'	L 58.48'	R 119.00'
C20	Delta 2° 05' 56"	D 6° 30' 05"	T 16.15'	L 32.29'	R 881.29'
C21	Delta 38° 59' 10"	D 114° 59' 16"	T 17.70'	L 34.03'	R 50.00'
C22	Delta 24° 21' 22"	D 114° 59' 16"	T 10.79'	L 21.25'	R 50.00'



AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA 2/16/90

BENCH MARKS
USC & GS BRASS TABLET R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ ℄=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	4/89	MOVED SIDEWALK LOCATION ALONG COORS	KLD

REVISIONS
DESIGN

MICRO-FILM INFORMATION

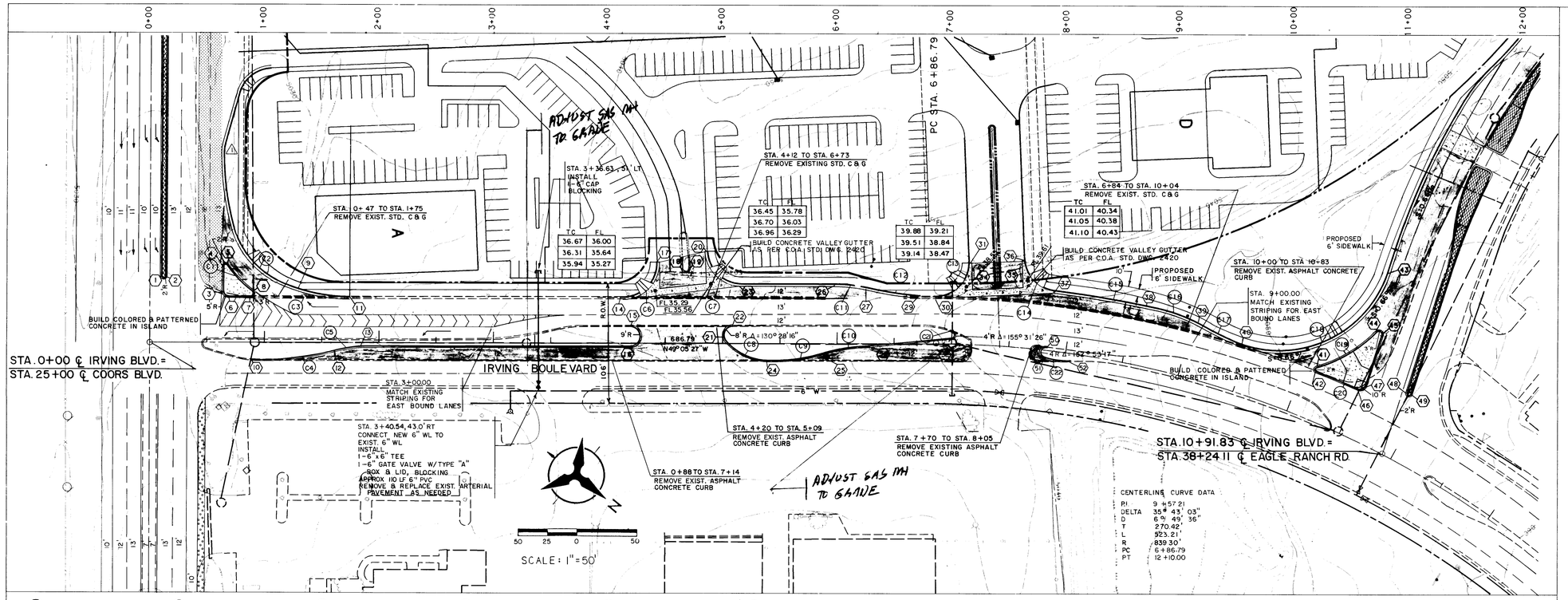
JOB NO. 88219.05

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

TITLE: IRVING BOULEVARD PLAN & PROFILE
STA. 0+00.00 - STA. 12+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger L. Stern	4/11/89	Liquid Waste	N/A	
A.C.E. - Design	"	"	Traffic	Roger L. Stern	4/11/89
A.C.E. - Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 7 OF 17



PT.	STATION	OFFSET	TC ELEV.
1	0+10.04	58.18' LT	32.20
2	0+14.04	58.18' LT	32.22
3	0+64.03	45.14' LT	32.34
4	0+64.05	66.58' LT	31.96
5	0+67.69	67.72' LT	31.87
6	0+69.02	40.00' LT	32.31
7	0+87.36	40.00' LT	32.83
8	0+89.13	45.53' LT	32.56
9	1+15.63	52.10' LT	32.68
10	0+88.73	15.00' RT	33.17 *
11	1+74.38	40.00' LT	33.59 *
12	1+61.22	6.11' RT	34.03
13	1+86.59	3.00' RT	34.33
14	4+12.70	40.00' LT	35.57 *
15	4+19.89	15.00' LT	36.01 *
16	4+20.34	3.00' RT	36.57
17	4+42.66	71.53' LT	37.04
18	4+64.91	65.98' LT	FUTURE
19	4+70.89	66.07' LT	FUTURE
20	4+86.32	80.75' LT	37.21
21	5+02.75	2.25' LT	36.95
22	5+08.75	15.00' LT	36.83 *
23	5+16.29	52.00' LT	36.19
24	5+40.70	15.00' RT	37.22
25	5+87.60	8.64' RT	37.66
26	5+96.29	52.00' LT	37.26
27	6+29.17	48.34' LT	37.67
28	6+18.75	2.72' LT	38.46
29	6+72.89	41.00' LT	38.47 *
30	6+84.83	41.00' LT	38.77 *
31	7+12.85	72.82' LT	40.25
32	6+99.51	4.00' RT	39.70
33	7+00.41	11.75' LT	39.56 *
34	7+35.06	51.77' LT	FUTURE
35	7+38.81	52.19' LT	FUTURE
36	7+56.66	77.79' LT	41.14
37	7+83.78	52.00' LT	40.96
38	8+70.87	52.00' LT	44.23
39	9+11.06	46.88' LT	46.02
40	9+36.96	42.00' LT	47.91
41	10+10.40	45.56' LT	50.23
42	10+11.58	42.00' LT	50.35
43	10+32.10	146.68' LT	49.02
44	10+42.05	92.25' LT	51.41
45	10+47.25	91.52' LT	51.54
46	10+42.32	42.00' LT	51.65
47	10+51.66	53.21' LT	51.90
48	10+86.09	57.84' LT	53.45
49	10+89.79	58.51' LT	53.65
50	7+84.14	3.00' LT	41.95 *
51	7+83.52	4.80' RT	41.89
52	8+04.68	6.70' RT	42.56 *

* MATCH EXISTING CURB & GUTTER

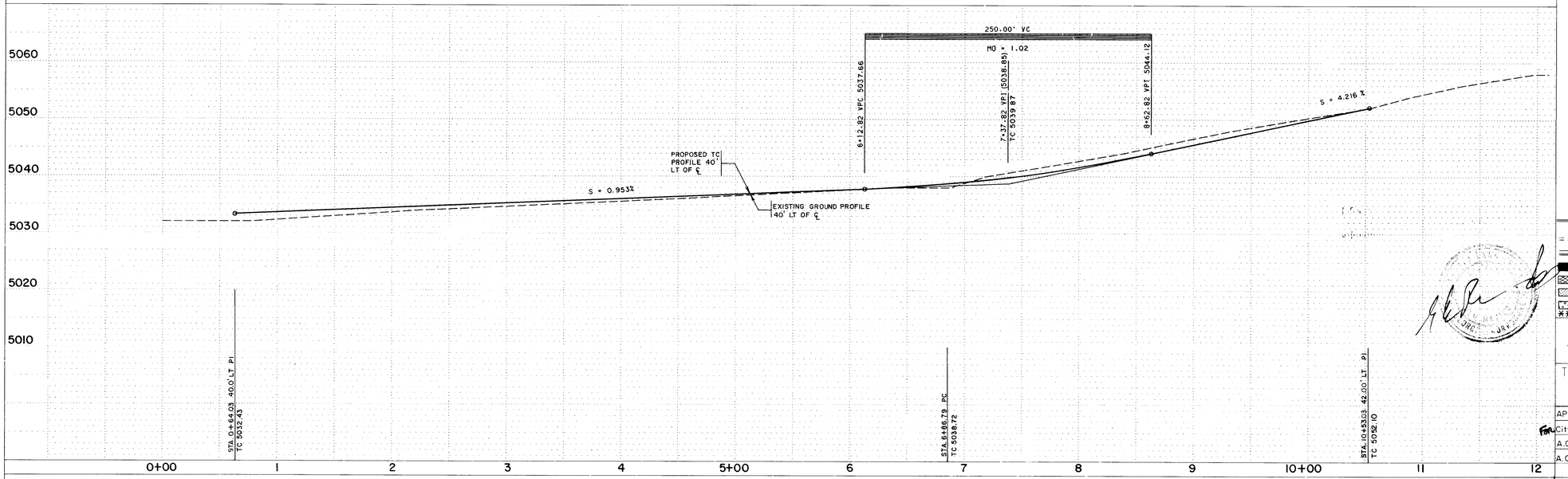
1	2	3	4	5	6	7	8	9	10	11	12
2	6		3	5	7	5	0	7	9	0	

LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT
- REMOVE EXISTING PAVEMENT
- NEW PAVEMENT **
- TEMPORARY PAVEMENT **

** NOT PART OF THIS CONTRACT - TO BE DONE BY OTHERS.

C1	Delta 18° 53' 13"	D 60° 57' 11"	T 15.63'	L 30.99'	R 94.00'
C2	Delta 51° 52' 41"	D 76° 23' 40"	T 36.48'	L 67.90'	R 75.00'
C3	Delta 23° 3' 29"	D 38° 11' 50"	T 30.60'	L 60.37'	R 150.00'
C4	Delta 13° 58' 59"	D 19° 5' 55"	T 36.79'	L 73.22'	R 300.00'
C5	Delta 13° 59' 02"	D 38° 11' 50"	T 12.88'	L 25.63'	R 150.00'
C6	Delta 92° 21' 58"	D 190° 59' 10"	T 31.26'	L 48.36'	R 30.00'
C7	Delta 87° 37' 19"	D 191° 59' 10"	T 28.78'	L 45.87'	R 30.00'
C8	Delta 49° 18' 07"	D 114° 35' 30"	T 22.95'	L 43.02'	R 50.00'
C9	Delta 16° 39' 54"	D 38° 11' 50"	T 21.97'	L 43.63'	R 150.00'
C10	Delta 12° 08' 06"	D 38° 11' 50"	T 15.94'	L 31.77'	R 150.00'
C11	Delta 12° 39' 43"	D 38° 11' 50"	T 16.64'	L 33.15'	R 150.00'
C12	Delta 8° 26' 53"	D 19° 05' 55"	T 22.16'	L 44.24'	R 300.00'
C13	Delta 92° 54' 54"	D 6° 25' 42"	T 31.57'	L 48.65'	R 30.00'
C14	Delta 80° 59' 28"	D 190° 59' 10"	T 25.62'	L 42.40'	R 30.00'
C15	Delta 5° 56' 42"	D 6° 25' 42"	T 46.28'	L 92.48'	R 891.30'
C16	Delta 16° 25' 48"	D 38° 11' 50"	T 21.65'	L 43.01'	R 150.00'
C17	Delta 5° 17' 31"	D 19° 05' 55"	T 13.86'	L 27.71'	R 300.00'
C18	Delta 96° 3' 54"	D 57° 17' 45"	T 111.18'	L 167.66'	R 100.00'
C19	Delta 28° 09' 22"	D 48° 08' 52"	T 29.84'	L 58.48'	R 119.00'
C20	Delta 2° 05' 56"	D 6° 30' 05"	T 16.15'	L 32.29'	R 881.29'
C21	Delta 38° 59' 10"	D 114° 59' 16"	T 17.70'	L 34.03'	R 50.00'
C22	Delta 24° 21' 22"	D 114° 59' 16"	T 10.79'	L 21.25'	R 50.00'



AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA 2/16/90

BENCH MARKS
USC & GS BRASS TABLET R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ ℄=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	4/89	MOVED SIDEWALK LOCATION ALONG COORS	KLD

REVISIONS
DESIGN

MICRO-FILM INFORMATION

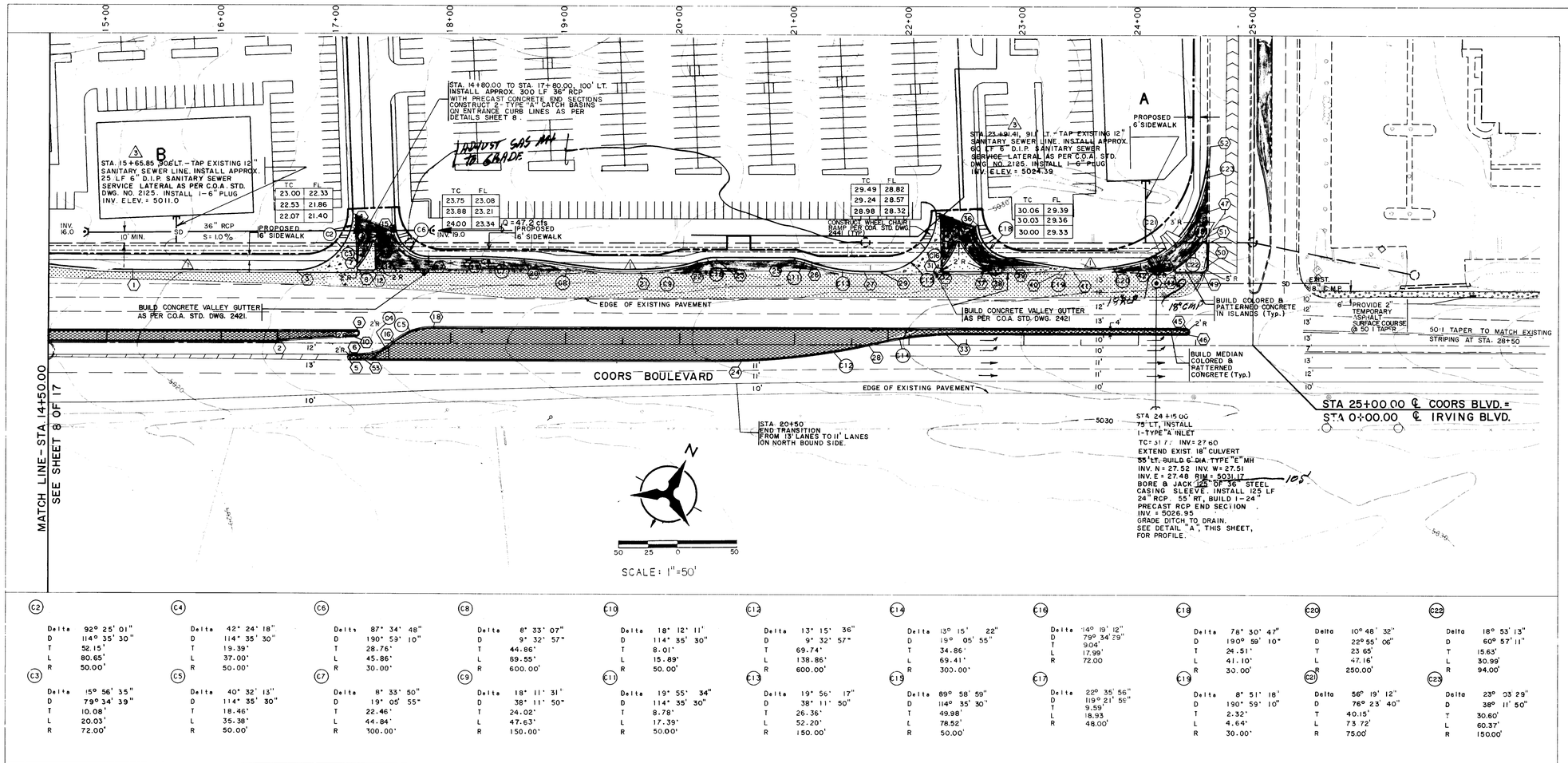
JOB NO. 88219.05

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

TITLE: IRVING BOULEVARD PLAN & PROFILE
STA. 0+00.00 - STA. 12+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger L. Stern	4/11/89	Liquid Waste	N/A	
A.C.E. - Design	"	"	Traffic	Roger L. Stern	4/11/89
A.C.E. - Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 7 OF 17

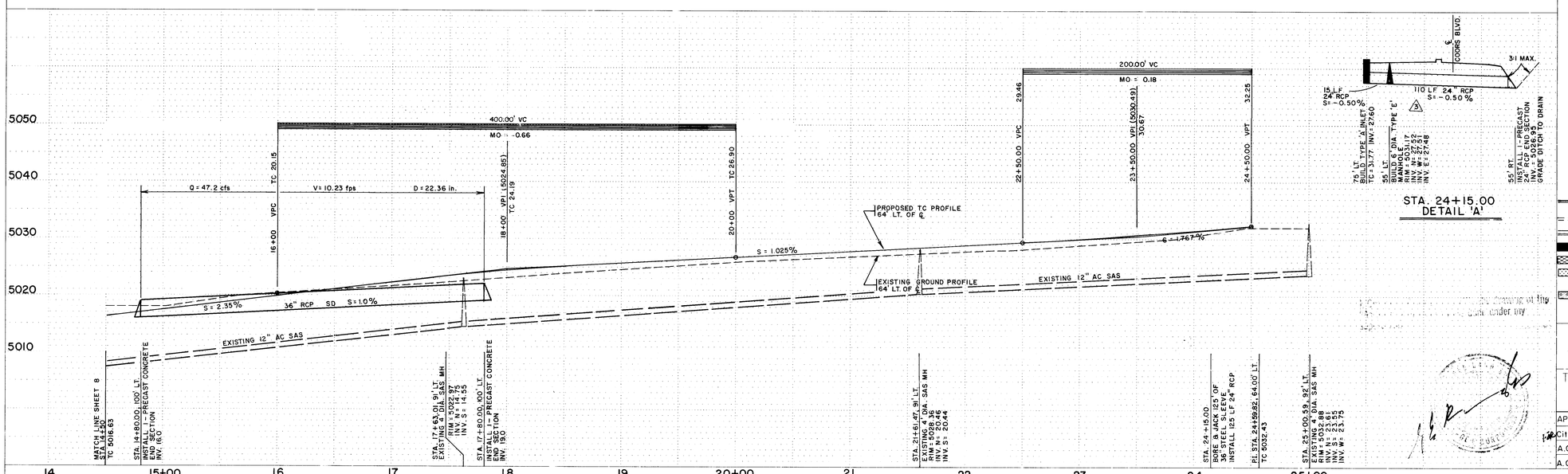


PT.	STATION	OFFSET	TC ELEV.
1	15+23.87	64.00' LT	18.36
2	16+44.92	2.00' LT	22.24
3	16+64.46	64.00' LT	21.60
4	17+14.42	116.10' LT	23.46
5	17+12.02	14.00' RT	23.40
6	17+12.09	10.00' RT	23.49
7	17+19.27	67.31' LT	22.77
8	17+20.79	64.00' LT	22.75
9	17+17.94	14.00' LT	23.52
10	17+[illegible].16	10.00' LT	23.61
11	17+29.99	84.16' LT	23.25
12	17+32.55	64.00' LT	22.97
13	17+33.81	83.42' LT	23.31
14	17+34.56	66.07' LT	23.05
15	17+50.93	104.72' LT	24.13
16	17+51.21	2.00' LT	24.39
17	17+80.91	76.00' LT	23.62
18	17+83.72	14.00' LT	24.74
19	18+36.00	76.00' LT	25.01
20	18+60.67	72.66' LT	25.61
21	19+69.89	66.00' LT	26.54
22	20+16.72	73.50' LT	26.88
23	20+32.35	76.00' LT	26.99
24	20+35.40	14.00' RT	28.09
25	20+93.81	76.00' LT	27.62
26	21+10.86	73.00' LT	27.86
27	21+62.00	64.00' LT	28.56
28	21+73.03	2.00' LT	29.63
29	21+78.49	64.00' LT	28.73
30	22+28.50	113.97' LT	29.74
31	22+33.91	68.03' LT	29.34
32	22+35.49	64.75' LT	29.32
33	22+41.82	10.00' LT	30.33
34	22+43.56	83.16' LT	29.59
35	22+47.13	83.25' LT	29.62
36	22+59.43	104.73' LT	29.97
37	22+57.90	65.21' LT	29.55
38	22+59.12	68.76' LT	29.60
39	22+84.67	76.38' LT	30.09
40	23+41.13	67.38' LT	30.48
41	23+45.75	67.00' LT	30.55
42	23+92.64	71.27' LT	31.15
43	24+32.24	67.64' LT	31.87
44	24+33.38	64.00' LT	31.96
45	24+41.82	14.00' LT	32.22
46	24+41.82	10.00 LT	32.20
47	24+47.85	115.60' LT	32.68
48	24+54.41	89.09' LT	32.56
49	24+54.82	64.00' LT	32.34
50	24+54.82	69.00' LT	32.31
51	24+59.83	87.33' LT	32.83
52	24+59.85	174.35' LT	33.59 *
53	17+17.09	10.00' RT	23.58

* MATCH EXISTING ℄ & G.

C2	C4	C6	C8	C10	C12	C14	C16	C18	C20	C22
Delta 92° 25' 01"	Delta 42° 24' 18"	Delta 87° 34' 48"	Delta 8° 33' 07"	Delta 18° 12' 11"	Delta 13° 15' 36"	Delta 13° 15' 22"	Delta 14° 19' 12"	Delta 78° 30' 47"	Delta 10° 48' 32"	Delta 18° 53' 13"
D 114° 35' 30"	D 114° 35' 30"	D 190° 59' 10"	D 9° 32' 57"	D 114° 35' 30"	D 9° 32' 57"	D 15° 05' 55"	D 79° 34' 29"	D 190° 59' 10"	D 22° 55' 06"	D 60° 57' 11"
T 52.15'	T 19.39'	T 28.76'	T 44.86'	T 8.01'	T 69.74'	T 34.86'	T 9.04'	T 24.51'	T 23.65'	T 15.63'
L 80.65'	L 37.00'	L 45.86'	L 89.55'	L 15.89'	L 138.86'	L 69.41'	L 17.99'	L 41.10'	L 47.16'	L 30.99'
R 50.00'	R 50.00'	R 30.00'	R 600.00'	R 50.00'	R 600.00'	R 300.00'	R 72.00	R 30.00'	R 250.00'	R 94.00'

C3	C5	C7	C9	C11	C13	C15	C17	C19	C21	C23
Delta 15° 56' 35"	Delta 40° 32' 13"	Delta 8° 33' 50"	Delta 18° 11' 31"	Delta 19° 55' 34"	Delta 19° 56' 17"	Delta 89° 58' 59"	Delta 22° 35' 56"	Delta 8° 51' 18"	Delta 56° 19' 12"	Delta 23° 03' 29"
D 79° 34' 39"	D 114° 35' 30"	D 19° 05' 55"	D 38° 11' 50"	D 114° 35' 30"	D 38° 11' 50"	D 114° 35' 30"	D 119° 21' 55"	D 190° 59' 10"	D 76° 23' 40"	D 38° 11' 50"
T 10.08'	T 18.46'	T 22.46'	T 24.02'	T 8.78'	T 26.36'	T 49.98'	T 9.59'	T 2.32'	T 40.15'	T 30.60'
L 20.03'	L 35.38'	L 44.84'	L 47.63'	L 17.39'	L 52.20'	L 78.52'	L 18.93	L 4.64'	L 73.72'	L 60.37'
R 72.00'	R 50.00'	R 100.00'	R 150.00'	R 50.00'	R 150.00'	R 50.00'	R 48.00'	R 30.00'	R 75.00'	R 150.00'



LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT - DEVELOPER
- REMOVE EXISTING PAVEMENT
- NEW PAVEMENT - NOT PART OF THIS CONTRACT TO BE DONE BY OTHERS
- TEMPORARY PAVING - NOT PART OF THIS CONTRACT TO BE DONE BY OTHERS

NO.	DATE	REMARKS	BY
2	5/89	CORRECTED RCP SIZE	KLD
1	5/89	CHANGED SANITARY SEWER SERVICE STATION & PLUG	KLD
0	4/89	MOVED SIDEWALK LOCATION ALONG COORS	KLD

REVISIONS

DESIGN

SURVEY INFORMATION

FIELD NOTES

BENCH MARKS

USC & GS BRASS TABLET R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) X=377,094.67 Y=1,523,108.34 GROUND TO GRID FACTOR = 0.99967685 Δ ℄ = 00° 14' 13" ELEV. = 5027.05

AS BUILT INFORMATION

SUNDANCE WALKER SURVEY R. BACA 2/16/90

MICRO-FILM INFORMATION

ENGINEER'S SEAL

3-2-89

CITY OF ALBUQUERQUE

INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

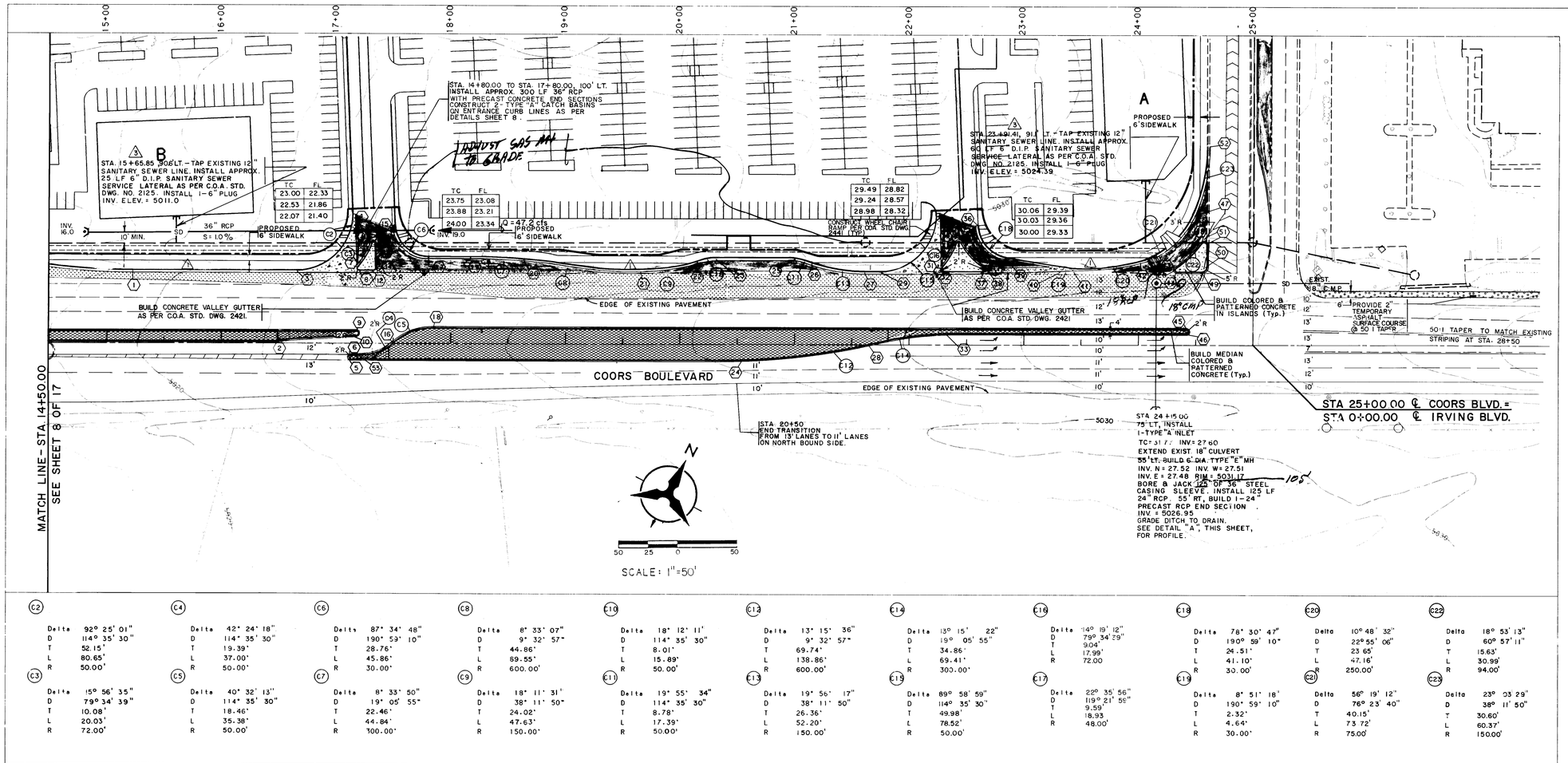
TITLE: COORS BOULEVARD
STA. 14+50.00 - STA. 25+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Brown	4/11/89	Liquid Waste	N/A	
A.C.E. - Design	"	"	Traffic	Roger L. Brown	4/11/89
A.C.E. - Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO. 3575

MAP NO. C-13

SHEET 9 OF 17

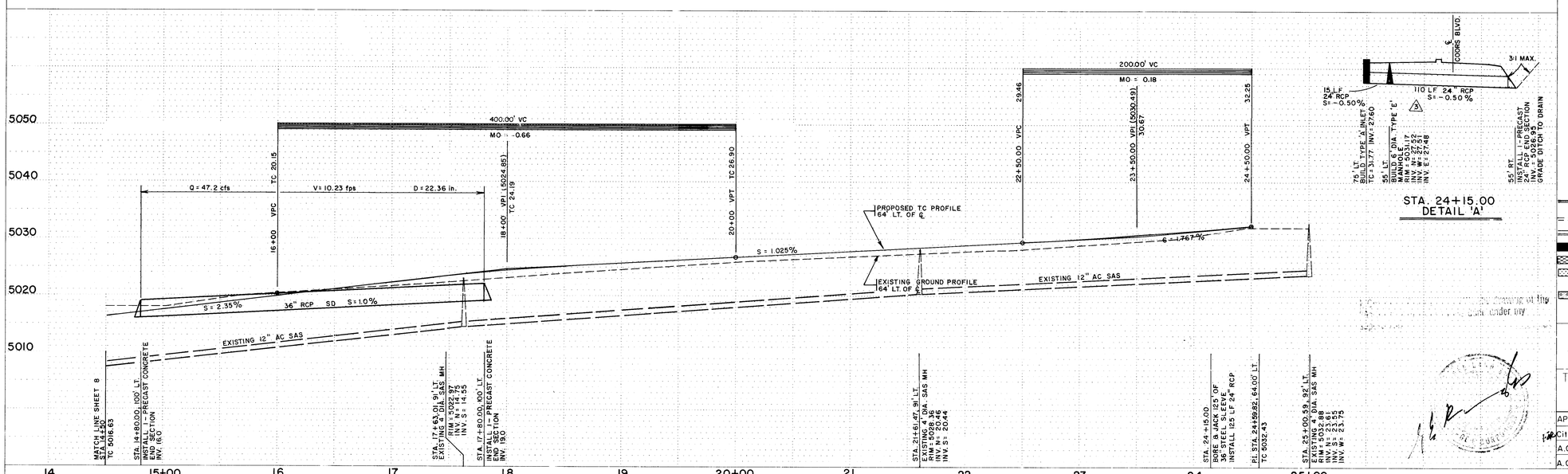


PT.	STATION	OFFSET	TC ELEV.
1	15+23.87	64.00' LT	18.36
2	16+44.92	2.00' LT	22.24
3	16+64.46	64.00' LT	21.60
4	17+14.42	116.10' LT	23.46
5	17+12.02	14.00' RT	23.40
6	17+12.09	10.00' RT	23.49
7	17+19.27	67.31' LT	22.77
8	17+20.79	64.00' LT	22.75
9	17+17.94	14.00' LT	23.52
10	17+[illegible].16	10.00' LT	23.61
11	17+29.99	84.16' LT	23.25
12	17+32.55	64.00' LT	22.97
13	17+33.81	83.42' LT	23.31
14	17+34.56	66.07' LT	23.05
15	17+50.93	104.72' LT	24.13
16	17+51.21	2.00' LT	24.39
17	17+80.91	76.00' LT	23.62
18	17+83.72	14.00' LT	24.74
19	18+36.00	76.00' LT	25.01
20	18+60.67	72.66' LT	25.61
21	19+69.89	66.00' LT	26.54
22	20+16.72	73.50' LT	26.88
23	20+32.35	76.00' LT	26.99
24	20+35.40	14.00' RT	28.09
25	20+93.81	76.00' LT	27.62
26	21+10.86	73.00' LT	27.86
27	21+62.00	64.00' LT	28.56
28	21+73.03	2.00' LT	29.63
29	21+78.49	64.00' LT	28.73
30	22+28.50	113.97' LT	29.74
31	22+33.91	68.03' LT	29.34
32	22+35.49	64.75' LT	29.32
33	22+41.82	10.00' LT	30.33
34	22+43.56	83.16' LT	29.59
35	22+47.13	83.25' LT	29.62
36	22+59.43	104.73' LT	29.97
37	22+57.90	65.21' LT	29.55
38	22+59.12	68.76' LT	29.60
39	22+84.67	76.38' LT	30.09
40	23+41.13	67.38' LT	30.48
41	23+45.75	67.00' LT	30.55
42	23+92.64	71.27' LT	31.15
43	24+32.24	67.64' LT	31.87
44	24+33.38	64.00' LT	31.96
45	24+41.82	14.00' LT	32.22
46	24+41.82	10.00 LT	32.20
47	24+47.85	115.60' LT	32.68
48	24+54.41	89.09' LT	32.56
49	24+54.82	64.00' LT	32.34
50	24+54.82	69.00' LT	32.31
51	24+59.83	87.33' LT	32.83
52	24+59.85	174.35' LT	33.59 *
53	17+17.09	10.00' RT	23.58

* MATCH EXISTING ℄ & G.

C2	C4	C6	C8	C10	C12	C14	C16	C18	C20	C22
Delta 92° 25' 01"	Delta 42° 24' 18"	Delta 87° 34' 48"	Delta 8° 33' 07"	Delta 18° 12' 11"	Delta 13° 15' 36"	Delta 13° 15' 22"	Delta 14° 19' 12"	Delta 78° 30' 47"	Delta 10° 48' 32"	Delta 18° 53' 13"
D 114° 35' 30"	D 114° 35' 30"	D 190° 59' 10"	D 9° 32' 57"	D 114° 35' 30"	D 9° 32' 57"	D 15° 05' 55"	D 79° 34' 29"	D 190° 59' 10"	D 22° 55' 06"	D 60° 57' 11"
T 52.15'	T 19.39'	T 28.76'	T 44.86'	T 8.01'	T 69.74'	T 34.86'	T 9.04'	T 24.51'	T 23.65'	T 15.63'
L 80.65'	L 37.00'	L 45.86'	L 89.55'	L 15.89'	L 138.86'	L 69.41'	L 17.99'	L 41.10'	L 47.16'	L 30.99'
R 50.00'	R 50.00'	R 30.00'	R 600.00'	R 50.00'	R 600.00'	R 300.00'	R 72.00	R 30.00'	R 250.00'	R 94.00'

C3	C5	C7	C9	C11	C13	C15	C17	C19	C21	C23
Delta 15° 56' 35"	Delta 40° 32' 13"	Delta 8° 33' 50"	Delta 18° 11' 31"	Delta 19° 55' 34"	Delta 19° 56' 17"	Delta 89° 58' 59"	Delta 22° 35' 56"	Delta 8° 51' 18"	Delta 56° 19' 12"	Delta 23° 03' 29"
D 79° 34' 39"	D 114° 35' 30"	D 19° 05' 55"	D 38° 11' 50"	D 114° 35' 30"	D 38° 11' 50"	D 114° 35' 30"	D 119° 21' 55"	D 190° 59' 10"	D 76° 23' 40"	D 38° 11' 50"
T 10.08'	T 18.46'	T 22.46'	T 24.02'	T 8.78'	T 26.36'	T 49.98'	T 9.59'	T 2.32'	T 40.15'	T 30.60'
L 20.03'	L 35.38'	L 44.84'	L 47.63'	L 17.39'	L 52.20'	L 78.52'	L 18.93	L 4.64'	L 73.72'	L 60.37'
R 72.00'	R 50.00'	R 100.00'	R 150.00'	R 50.00'	R 150.00'	R 50.00'	R 48.00'	R 30.00'	R 75.00'	R 150.00'



LEGEND

- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- NEW PAVEMENT - DEVELOPER
- REMOVE EXISTING PAVEMENT
- NEW PAVEMENT - NOT PART OF THIS CONTRACT TO BE DONE BY OTHERS
- TEMPORARY PAVING - NOT PART OF THIS CONTRACT TO BE DONE BY OTHERS

NO.	DATE	REMARKS	BY
2	5/89	CORRECTED RCP SIZE	KLD
1	5/89	CHANGED SANITARY SEWER SERVICE STATION & PLUG	KLD
0	4/89	MOVED SIDEWALK LOCATION ALONG COORS	KLD

REVISIONS

DESIGN

SURVEY INFORMATION

FIELD NOTES

BENCH MARKS

USC & GS BRASS TABLET R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE) X=377,094.67 Y=1,523,108.34 GROUND TO GRID FACTOR = 0.99967685 Δ ℄ = 00° 14' 13" ELEV. = 5027.05

AS BUILT INFORMATION

SUNDANCE WALKER SURVEY R. BACA 2/16/90

MICRO-FILM INFORMATION

ENGINEER'S SEAL

3-2-89

CITY OF ALBUQUERQUE

INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE: COORS BOULEVARD
STA. 14+50.00 - STA. 25+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Brown	4/11/89	Liquid Waste	N/A	
A.C.E. - Design	"	"	Traffic	Roger L. Brown	4/11/89
A.C.E. - Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO. 3575

MAP NO. C-13

SHEET 9 OF 17

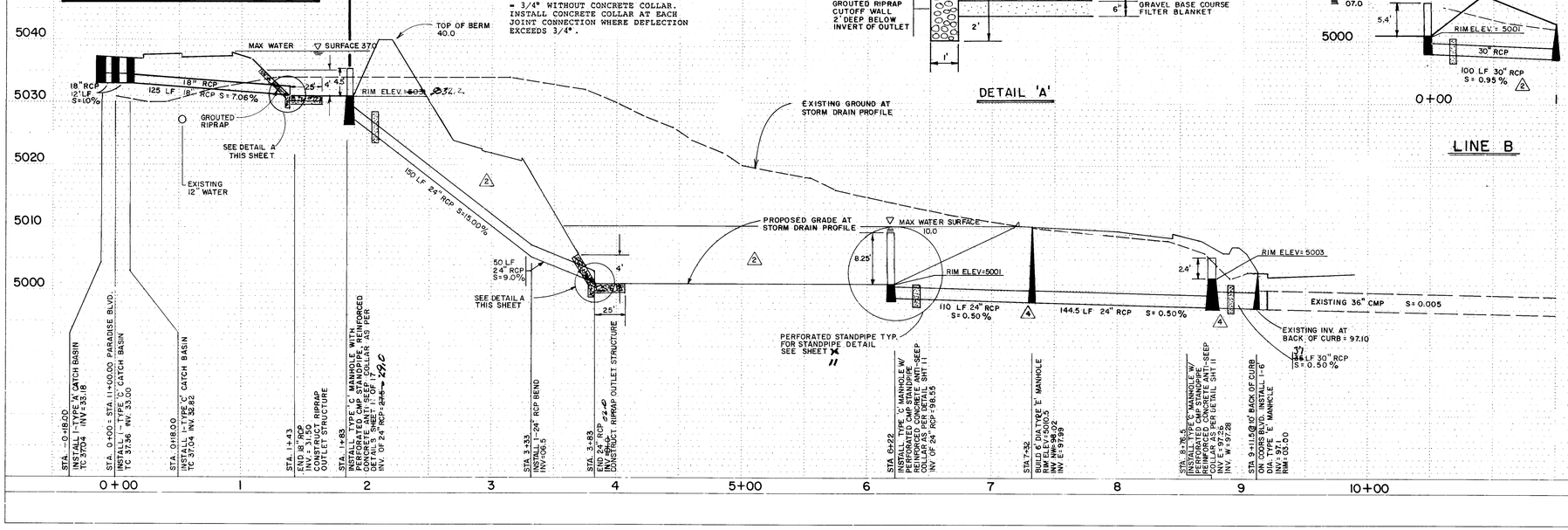
SCALE: 1" = 50'

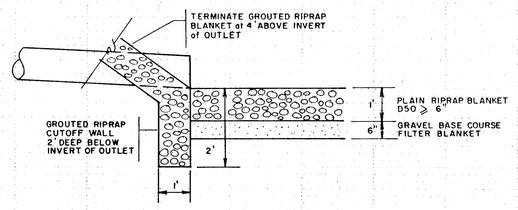
NOTE:
ALL ONSITE EARTHWORK SHALL BE PERFORMED UNDER A SEPARATE CONTRACT.

BID ALTERNATE 'A' | BASE BID (PHASE I)

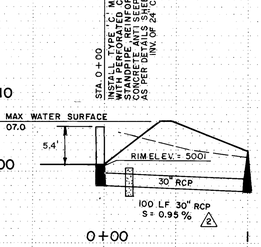
NOTE: BID ALTERNATE 'A' NOT PART OF THIS PROJECT

NOTE:
FOR 24" RCP TOTAL DEFLECTION = 3/4°. DEFLECT JOINTS AS REQUIRED. MAXIMUM DEFLECTION PER JOINT = 3/4° WITHOUT CONCRETE COLLAR. INSTALL CONCRETE COLLAR AT EACH JOINT CONNECTION WHERE DEFLECTION EXCEEDS 3/4°.





DETAIL 'A'



LINE B

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA 2/16/90

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
Y=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ α=00° 14' 13"
ELEV.=5027.05

MICRO-FILM INFORMATION

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

3-2-89

NO.	DATE	REMARKS	BY
4	6/89	ADDED DETENTION POND & CHANGED RCP SIZE	KLD
3	5/89	REVISE LOWER POND AND LOWER POND OUTLET	KLD
2		REVISIONS	
1		DESIGN	

26 | 3575 | 10 | 10

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE: STORM SEWER PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger D. Shaw	4/4/89	Liquid Waste	N/A	
A.C.E.–Design	"	"	Traffic	Roger D. Shaw	4/4/89
A.C.E.–Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 10 OF 17

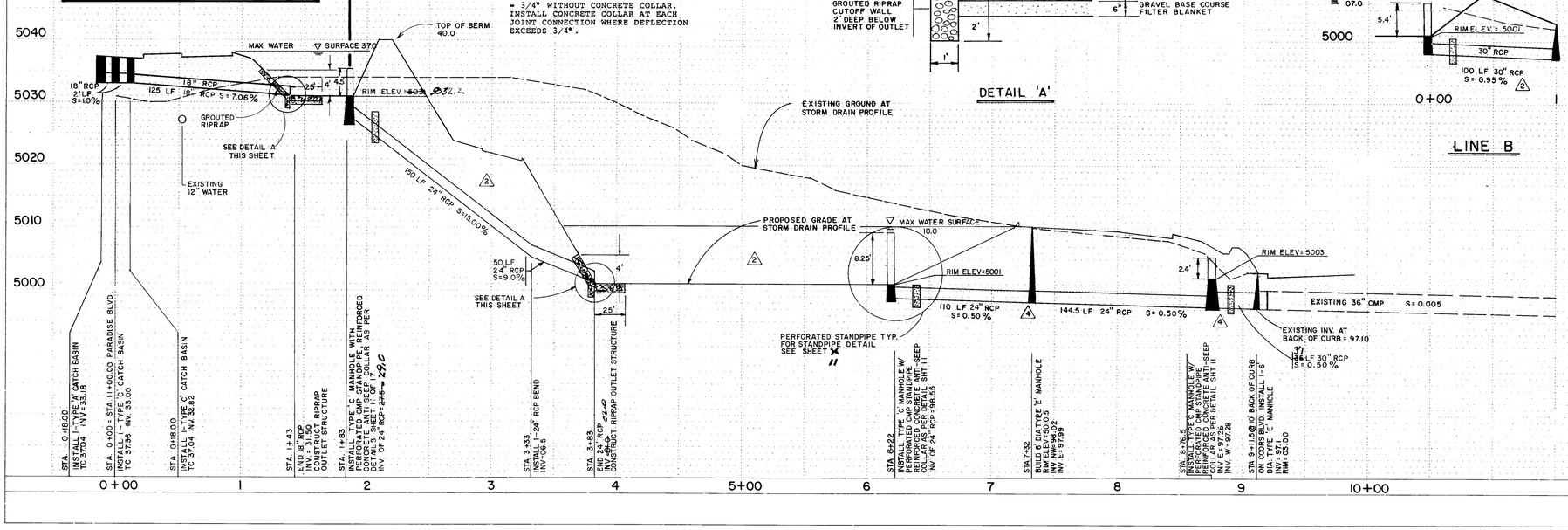
SCALE: 1" = 50'

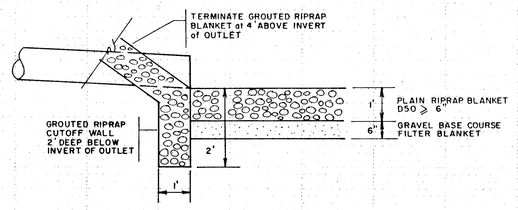
NOTE:
ALL ONSITE EARTHWORK SHALL BE PERFORMED UNDER A SEPARATE CONTRACT.

BID ALTERNATE 'A' | BASE BID (PHASE I)

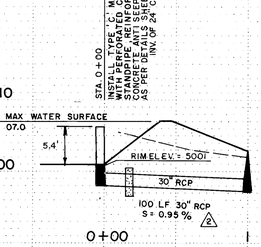
NOTE: BID ALTERNATE 'A' NOT PART OF THIS PROJECT

NOTE:
FOR 24" RCP TOTAL DEFLECTION = 3/4°. DEFLECT JOINTS AS REQUIRED. MAXIMUM DEFLECTION PER JOINT = 3/4° WITHOUT CONCRETE COLLAR. INSTALL CONCRETE COLLAR AT EACH JOINT CONNECTION WHERE DEFLECTION EXCEEDS 3/4°.





DETAIL 'A'



LINE B

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA 2/16/90

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
Y=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ α=00° 14' 13"
ELEV.=5027.05

MICRO-FILM INFORMATION

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

3-2-89

NO.	DATE	REMARKS	BY
4	6/89	ADDED DETENTION POND & CHANGED RCP SIZE	KLD
3	5/89	REVISE LOWER POND AND LOWER POND OUTLET	KLD
2		REVISIONS	
1		DESIGN	

26 | 3575 | 10 | 10

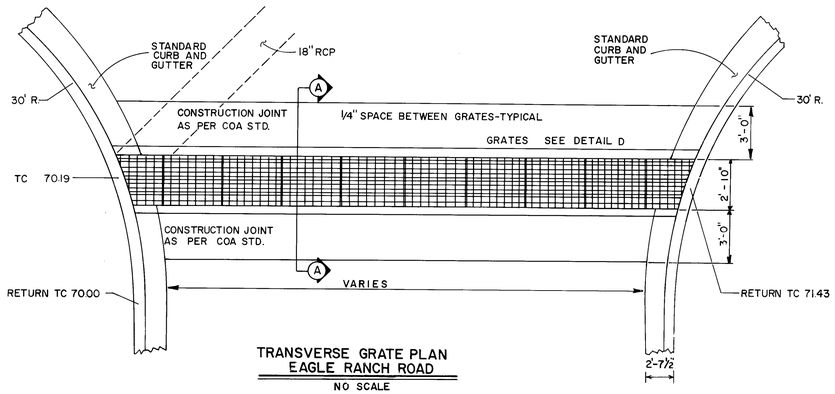
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

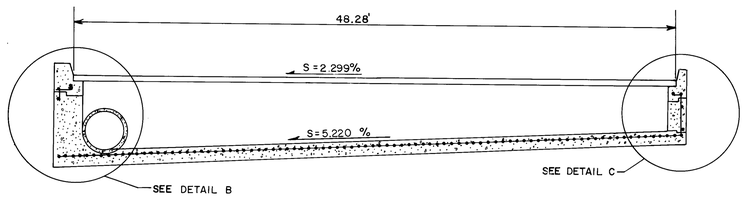
TITLE: STORM SEWER PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger D. Shaw	4/4/89	Liquid Waste	N/A	
A.C.E.–Design	"	"	Traffic	Roger D. Shaw	4/4/89
A.C.E.–Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

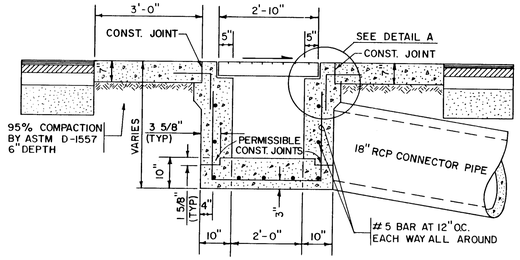
DRAWING NO. 3575 | MAP NO. C-13 | SHEET 10 OF 17



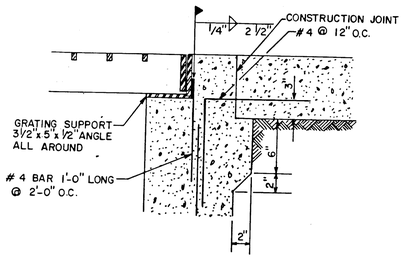
TRANSVERSE GRATE PLAN
EAGLE RANCH ROAD
NO SCALE



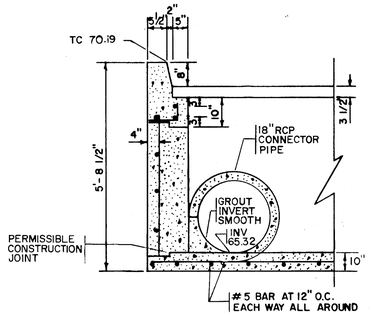
TRANSVERSE GRATE PROFILE
EAGLE RANCH ROAD
NO SCALE



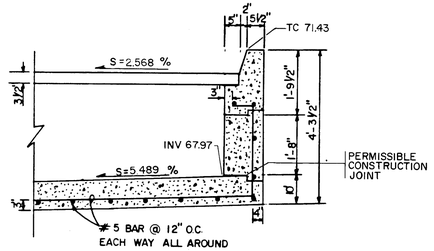
SECTION A-A
NOT TO SCALE



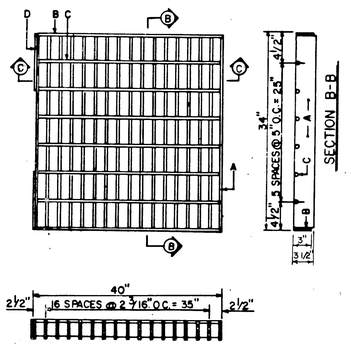
DETAIL A
SCALE: 1 1/2" = 1'-0"



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



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



SECTION C-C

SECTION B-B

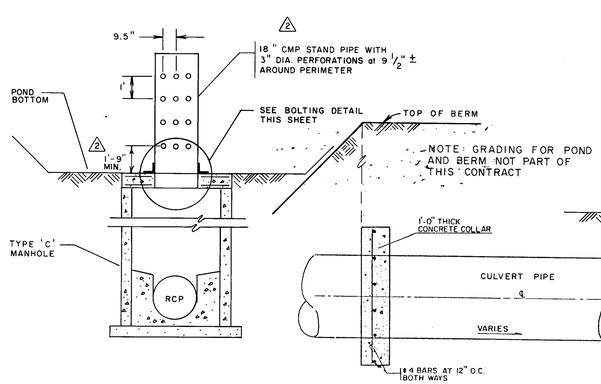
DETAIL D
NO SCALE

GENERAL NOTES:

1. FINISHED DIMENSIONS, 3 1/2" X 34" X 40"
2. ALL BARS SHALL BE STRUCTURAL GRADE STEEL, CLASS A36.
3. THE GRATE SHALL BE WELDED WITH 1/8" FILLET WELD AROUND BOTH SIDES OF CROSS BARS, 1/4" FILLET WELD BOTH SIDES OF BEARING BARS.
4. AFTER CLEANING SURFACE OF SCALE, RUST, OILS, ETC., PAINT GRATE WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS ALUMINUM PAINT (AASHTO M 69).
5. ANY DAMAGE TO THE PAINTING SHALL BE REPAIRED IN AN APPROVED MANNER.
6. TOP OF CROSS BARS SHALL BE FLUSH WITH TOP OF GRATE.
7. GRIND WELDS FLUSH WITH BEARING BARS.
8. WHEN INSTALLED IN FRAME, PUSH TIGHT TO ONE SIDE, OTHER SIDE SHALL HAVE 5/8" MAX. OPENING. SPACERS WELDED TO FRAME MAY BE USED IF REQUIRED TO KEEP 5/8" SPACE OR LESS. WELD TO FRAME.

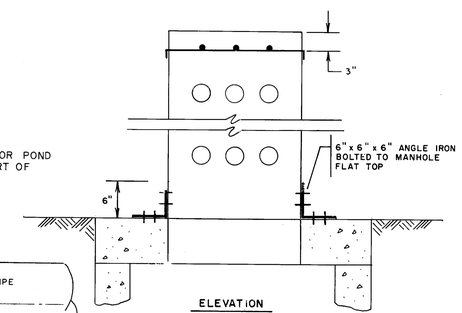
CONSTRUCTION NOTES:

A. BEARING BARS, (13) 1/2" X 3 1/2" X 34"
B. END BARS, (2) 1/2" X 3" X 40"
C. CROSS BARS, (7) 1/2" DIA X 39"
D. SPACER PLATE (2) 3/8" X 3 1/2" X 9 1/2"

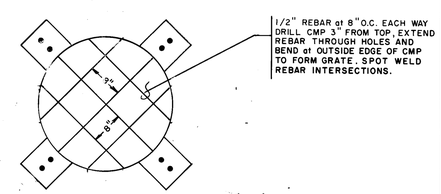


STAND PIPE DETAIL
NO SCALE

CONCRETE COLLAR DETAIL

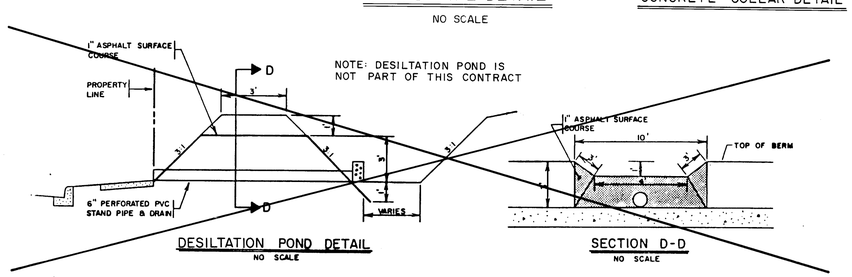


ELEVATION



PLAN

STAND PIPE BOLTING DETAIL
NO SCALE



NOTE: DESILTATION POND IS NOT PART OF THIS CONTRACT

DESILTATION POND DETAIL
NO SCALE

SECTION D-D
NO SCALE

LEGEND

SUBGRADE (95% COMPACTION)

CONCRETE

REBAR

NO.	DATE	REMARKS	BY
2	5/89	REVISE LOWER POND & OUTLETS	KLD

REVISIONS

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

ENGINEER'S SEAL

I C[illegible] the [illegible] day

JERRY L. BOYD
NEW MEXICO
JORGE E. BURROS
3-2-89

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

USC & GS. BRASS TABLET "R. ALAMEDA A-3"
NEW MEXICO STATE PLANE COORDINATES
(CENTRAL ZONE)
X = 377,094.67 Y = 1,523,108.34
GROUND TO GRID FACTOR = 0.99967685
Δ OC = 00°14'13"
ELEV. = 5027.05

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
WORK STAKED BY Walker Surveys DATE
INSPECTOR'S ACCEPTANCE BY R. BACA DATE 2/16/90
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

2 6 3 5 7 5 1 1 9 0

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

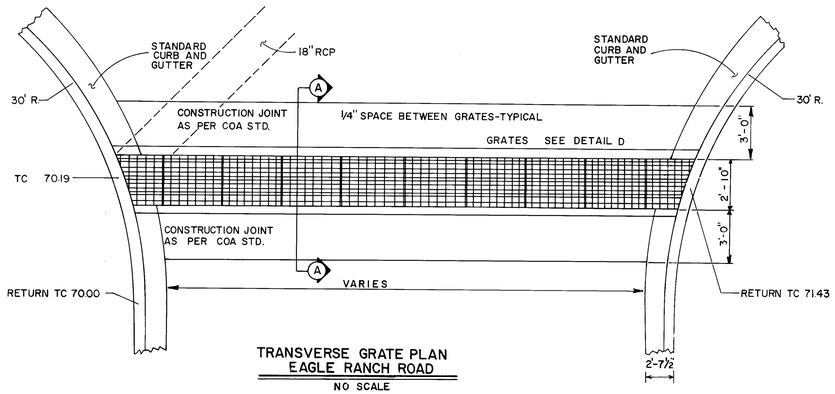
JOB NO. 88219.05

TITLE:
STORM SEWER DETAILS

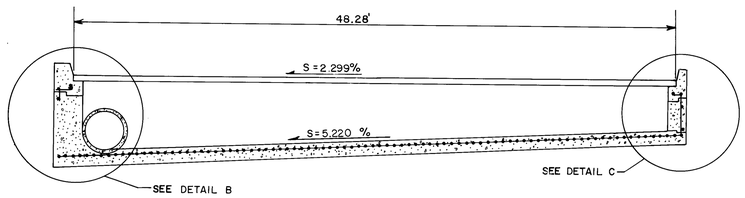
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Brown	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger A. Brown	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO. 3575 — MAP NO. C-13 — SHEET 11 OF 17

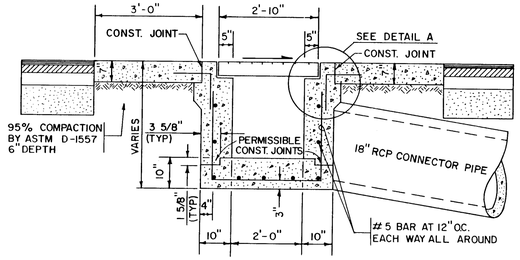
BRUNING 44-232



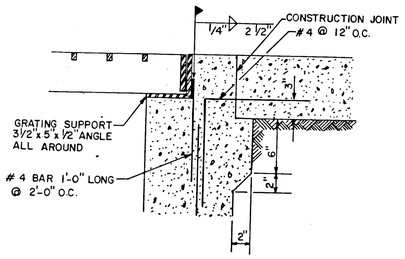
TRANSVERSE GRATE PLAN
EAGLE RANCH ROAD
NO SCALE



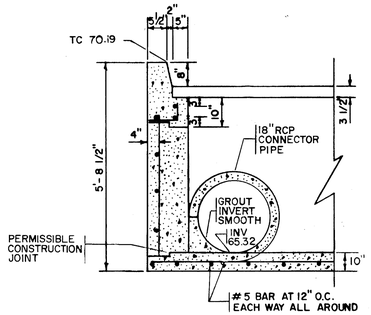
TRANSVERSE GRATE PROFILE
EAGLE RANCH ROAD
NO SCALE



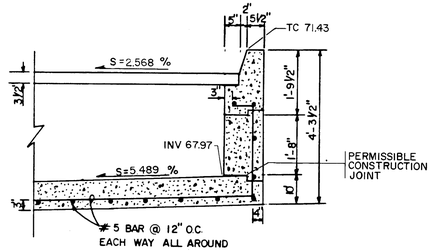
SECTION A-A
NOT TO SCALE



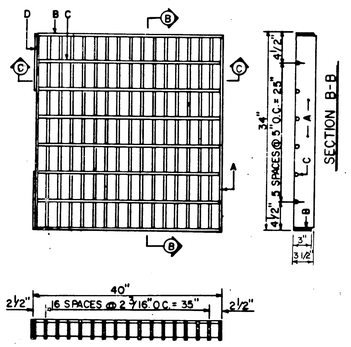
DETAIL A
SCALE: 1 1/2" = 1'-0"



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



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



SECTION C-C

SECTION B-B

DETAIL D
NO SCALE

GENERAL NOTES:

1. FINISHED DIMENSIONS, 3 1/2" X 34" X 40"
2. ALL BARS SHALL BE STRUCTURAL GRADE STEEL, CLASS A36.
3. THE GRATE SHALL BE WELDED WITH 1/8" FILLET WELD AROUND BOTH SIDES OF CROSS BARS, 1/4" FILLET WELD BOTH SIDES OF BEARING BARS.
4. AFTER CLEANING SURFACE OF SCALE, RUST, OILS, ETC., PAINT GRATE WITH ONE SHOP COAT RED OXIDE, TWO FINISH COATS ALUMINUM PAINT (AASHTO M 69).
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7. GRIND WELDS FLUSH WITH BEARING BARS.
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CONSTRUCTION NOTES:

A. BEARING BARS, (13) 1/2" X 3 1/2" X 34"
B. END BARS, (2) 1/2" X 3" X 40"
C. CROSS BARS, (7) 1/2" DIA X 39"
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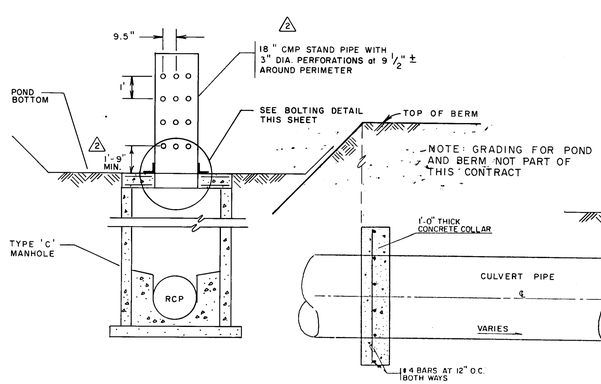
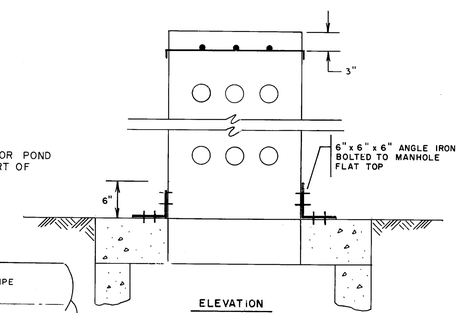
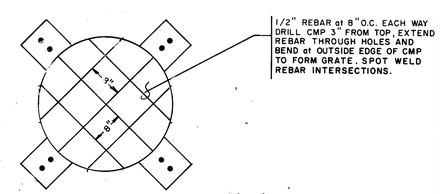


STAND PIPE DETAIL
NO SCALE

CONCRETE COLLAR DETAIL

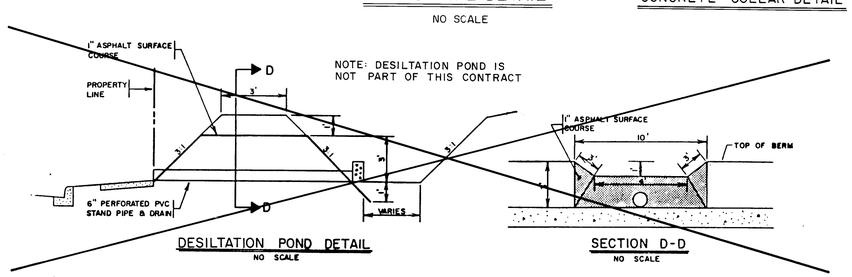


ELEVATION



PLAN

STAND PIPE BOLTING DETAIL
NO SCALE



NOTE: DESILTATION POND IS NOT PART OF THIS CONTRACT

DESILTATION POND DETAIL
NO SCALE

SECTION D-D
NO SCALE

LEGEND

SUBGRADE (95% COMPACTION)

CONCRETE

REBAR

NO.	DATE	REMARKS	BY
2	5/89	REVISE LOWER POND & OUTLETS	KLD

REVISIONS

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

ENGINEER'S SEAL

I C[illegible] the [illegible] day

JERRY L. BOYD
NEW MEXICO
JORGE E. BURROS
3-2-89

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

USC & GS. BRASS TABLET "R. ALAMEDA A-3"
NEW MEXICO STATE PLANE COORDINATES
(CENTRAL ZONE)
X = 377,094.67 Y = 1,523,108.34
GROUND TO GRID FACTOR = 0.99967685
Δ OC = 00°14'13"
ELEV. = 5027.05

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
WORK STAKED BY Walker Surveys DATE
INSPECTOR'S ACCEPTANCE BY R. BACA DATE 2/16/90
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

2 6 3 5 7 5 1 1 9 0

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
STORM SEWER DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Brown	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger A. Brown	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO. 3575 — MAP NO. C-13 — SHEET 11 OF 17

BRUNING 44-232

* FUNCTION CHART

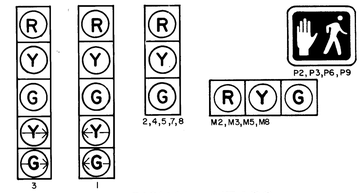
CON-DUCTOR	BASE COLOR	TRACER	(RING 1) FUNCTION	FIELD CONNECTION	(RING 2) FUNCTION	FIELD CONNECTION
1.	BLACK	--	SPARE	----	----	----
2.	WHITE	--	SPARE	----	----	----
3.	RED	--	O1 RED	----	O5 RED	----
4.	GREEN	--	O1 GREEN	1 LT GREEN ARROW, 3 LT GREEN ARROW	O5 GREEN	----
5.	ORANGE	--	O1 YELLOW	1 LT YELLOW ARROW, 3 LT YELLOW ARROW	O5 YELLOW	----
6.	BLUE	--	O1 WALK	----	----	----
7.	WHITE	BLACK	O1 DONT WALK	----	----	----
8.	RED	BLACK	O2 RED	4, 5, M5	O6 RED	1, 2, M2
9.	GREEN	BLACK	O2 GREEN	4, 5, M5	O6 GREEN	1, 2, M2
10.	ORANGE	BLACK	O2 YELLOW	4, 5, M5	O6 YELLOW	1, 2, M2
11.	BLUE	BLACK	O2 WALK	P3, P6	O6 WALK	P2, P9
12.	BLACK	WHITE	O2 DONT WALK	P3, P6	O6 DONT WALK	P2, P9
13.	RED	WHITE	O3 RED	----	O7 RED	----
14.	GREEN	WHITE	O3 GREEN	----	O7 GREEN	----
15.	BLUE	WHITE	O3 YELLOW	----	O7 YELLOW	----
16.	BLACK	RED	O4 RED	----	O8 RED	3, M3
17.	WHITE	RED	O4 GREEN	----	O8 GREEN	3, M3
18.	ORANGE	RED	O4 YELLOW	----	O8 YELLOW	3, M3
19.	BLUE	RED	O4 WALK	----	O8 WALK	P2,P3,P6,P9
20.	RED	GREEN	O4 DONT WALK	----	O8 DONT WALK	P2,P3,P6,P9
21.	ORANGE	GREEN	SPARE	----	----	----

1.	BLACK	--	O2 PPB	PPB P3, P6
2.	WHITE	--	COMMON	PPB P1 THRU P9
3.	RED	--	O4 PPB	----
4.	GREEN	--	O6 PPB	PPB P2, P9
5.	ORANGE	--	O8 PPB	PPB P2, P3, P5, P9

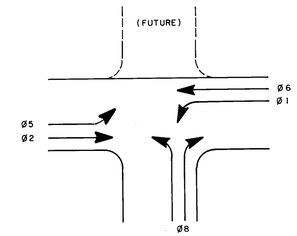
*

SIGNALS	ARM LENGTH	POLE TYPE	FOUNDATION TYPE	OVERHEAD SIGNAL (MASTARM)	POST MOUNT SIGNAL	PEDESTRIAN HEAD AND PUSH BUTTONS
1	——	I	STD. POST-I	——	5	——
M2	25'	II-B	MASTARM-II	3	3	2 at 90°
M3	25'	II-B	MASTARM-II	3	5	2 at 90°
4	——	I	STD. POST-I	——	3	——
M5	25'	II-B	MASTARM-II	3	3	——
P6	——	I	STD. POST-I	——	——	2 at 90°
7	——	I	STD. POST-I	——	3	——
M8	20'	II-B	MASTARM-II	3	3	——
P9	——	I	STD. POST-I	——	——	2 at 90°

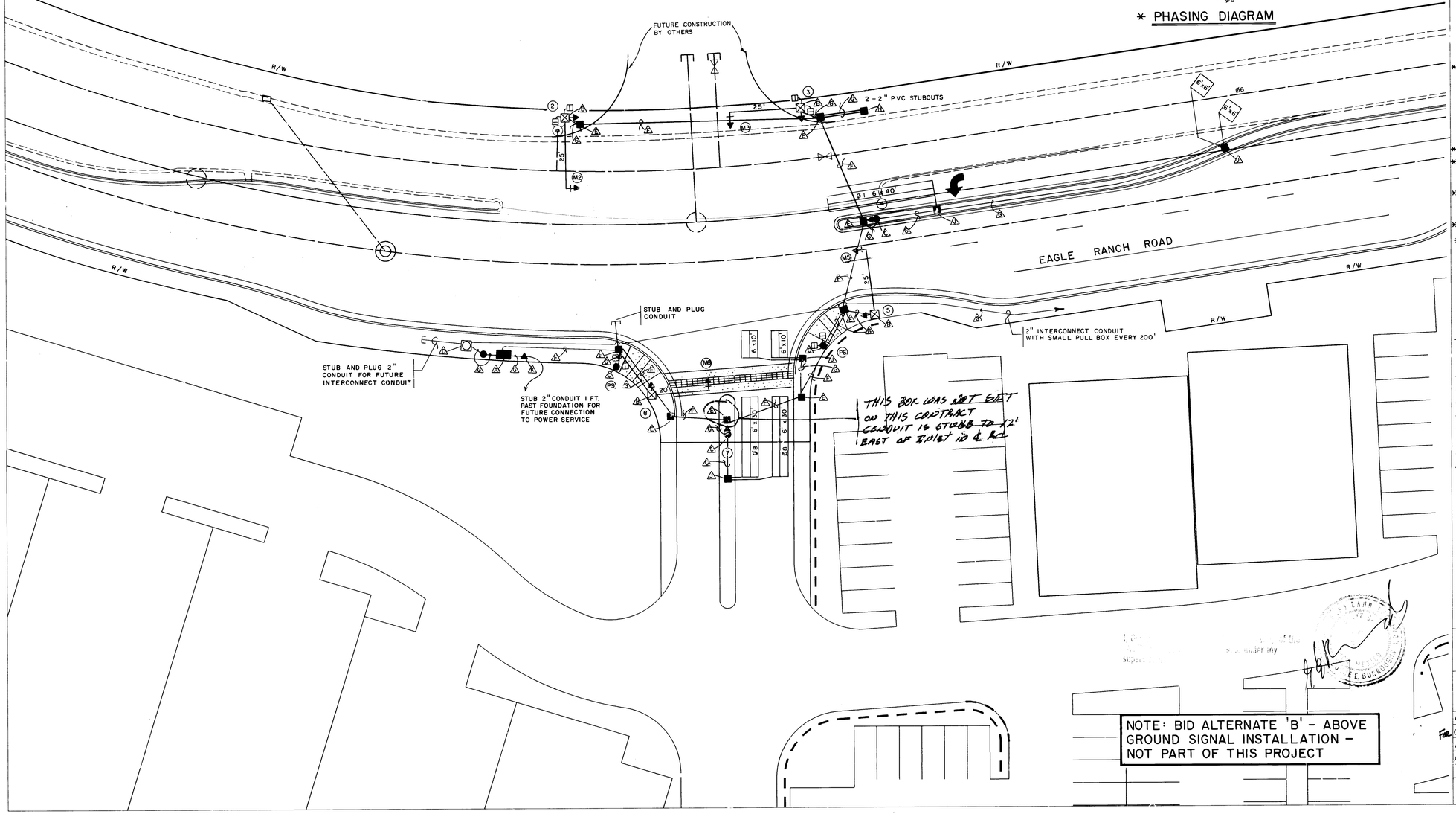
* NOT PART OF THIS PROJECT



* SIGNAL HEADS



* PHASING DIAGRAM



SCALE: 1" = 20'

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.

* 5. LOOP DETECTOR WIRING NEEDS TO BE 14 STRANDED WIRE WITH SLIDING SLEEVE.

6. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDER-GROUND CONDUIT.

~~7. CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM SERVICE POLE TO PNM POWER SOURCE.~~

~~8. CONTRACTOR TO CONTACT PUBLIC SERVICE COMPANY OF NEW MEXICO TO VERIFY SERVICE POLE CONNECTION.~~

* 9. THE CONTRACTOR WILL FURNISH AND INSTALL THE SIGNAL CONTROLLER/CABINET. SIGNAL CONTROLLER/CABINET SIZE AND TYPE TO BE DETERMINED BY CURRENT/FUTURE PHASING REQUIREMENTS AS DETERMINED BY THE CITY OF ALBUQUERQUE TRANSPORTATION DEPARTMENT. ACCEPTABLE CONTROLLERS ARE ECONOLITE ASC 8000, EAGLE EPAC 300, MULTISONICS 820. CONTROLLERS NEED TO INCLUDE NEMA PLUS CONFLICT MONITOR, LOAD SWITCHES, RELAYS AND AMPLIFIERS.

10. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS, TREE BRANCHES, ETC.

*11. MOUNT ALL CONTROLLERS SO DOORS FACE AWAY FROM TRAFFIC.

*12. ALL SPLICES FOR TRAFFIC SIGNAL MULTI-CONDUCTOR CABLE SHALL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE), NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.

*13. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUCTOR WIRE FOR TRAFFIC SIGNALS, SUCH THAT SIGNALIZATION IS COMPLETE AND OPERATIONAL. ALL WIRING WILL BE INCIDENTAL TO THE CONTRACT AND APPROVED BY THE ENGINEER.

*14. ALL WIRE ON THIS PROJECT TO BE COPPER.

* NOT PART OF THIS PROJECT.

KEYED NOTES

1. CONTROLLER FOUNDATION, TYPE I C.O.A 2527
2. MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
3. PEDESTAL FOUNDATION, C.O.A. DWG. 2525
4. TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
5. PULL BOX, LARGE 17"X 30" C.O.A. 2521
6. 3" CONDUIT PVC
7. 2" CONDUIT PVC
8. PULL BOX, SMALL 13"X 24" C.O.A. 2521
9. PULL BOX DETECTOR C.O.A. DWG. 2522
10. SERVICE POLE

1	2	3	4	5	6	7	8	9	10	11	12
2	6		3	5	7	5	1	2	9	0	

LEGEND

- PULL BOX TO BE INSTALLED
- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
- SERVICE PEDESTAL TO BE INSTALLED (METERING)
- TRAFFIC SIGNAL MANHOLE

AS BUILT INFORMATION
SUNDANCE WALKER SURVEY
R. BACA 2/16/90

MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ CC=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

ENGINEER'S SEAL

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
EAGLE RANCH ROAD SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Green	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger A. Green	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-2-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	12	17

* FUNCTION CHART

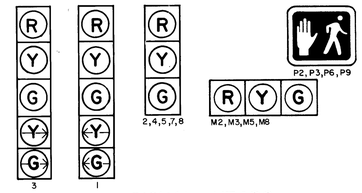
CON-DUCTOR	BASE COLOR	TRACER	(RING 1) FUNCTION	FIELD CONNECTION	(RING 2) FUNCTION	FIELD CONNECTION
1.	BLACK	--	SPARE	----	----	----
2.	WHITE	--	SPARE	----	----	----
3.	RED	--	O1 RED	----	O5 RED	----
4.	GREEN	--	O1 GREEN	1 LT GREEN ARROW, 3 LT GREEN ARROW	O5 GREEN	----
5.	ORANGE	--	O1 YELLOW	1 LT YELLOW ARROW, 3 LT YELLOW ARROW	O5 YELLOW	----
6.	BLUE	--	O1 WALK	----	----	----
7.	WHITE	BLACK	O1 DONT WALK	----	----	----
8.	RED	BLACK	O2 RED	4, 5, M5	O6 RED	1, 2, M2
9.	GREEN	BLACK	O2 GREEN	4, 5, M5	O6 GREEN	1, 2, M2
10.	ORANGE	BLACK	O2 YELLOW	4, 5, M5	O6 YELLOW	1, 2, M2
11.	BLUE	BLACK	O2 WALK	P3, P6	O6 WALK	P2, P9
12.	BLACK	WHITE	O2 DONT WALK	P3, P6	O6 DONT WALK	P2, P9
13.	RED	WHITE	O3 RED	----	O7 RED	----
14.	GREEN	WHITE	O3 GREEN	----	O7 GREEN	----
15.	BLUE	WHITE	O3 YELLOW	----	O7 YELLOW	----
16.	BLACK	RED	O4 RED	----	O8 RED	3, M3
17.	WHITE	RED	O4 GREEN	----	O8 GREEN	3, M3
18.	ORANGE	RED	O4 YELLOW	----	O8 YELLOW	3, M3
19.	BLUE	RED	O4 WALK	----	O8 WALK	P2,P3,P6,P9
20.	RED	GREEN	O4 DONT WALK	----	O8 DONT WALK	P2,P3,P6,P9
21.	ORANGE	GREEN	SPARE	----	----	----

1.	BLACK	--	O2 PPB	PPB P3, P6
2.	WHITE	--	COMMON	PPB P1 THRU P9
3.	RED	--	O4 PPB	----
4.	GREEN	--	O6 PPB	PPB P2, P9
5.	ORANGE	--	O8 PPB	PPB P2, P3, P5, P9

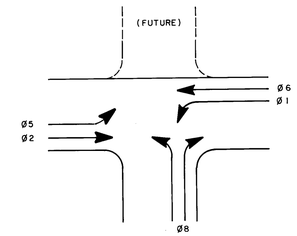
*

SIGNALS	ARM LENGTH	POLE TYPE	FOUNDATION TYPE	OVERHEAD SIGNAL (MASTARM)	POST MOUNT SIGNAL	PEDESTRIAN HEAD AND PUSH BUTTONS
1	——	I	STD. POST-I	——	5	——
M2	25'	II-B	MASTARM-II	3	3	2 at 90°
M3	25'	II-B	MASTARM-II	3	5	2 at 90°
4	——	I	STD. POST-I	——	3	——
M5	25'	II-B	MASTARM-II	3	3	——
P6	——	I	STD. POST-I	——	——	2 at 90°
7	——	I	STD. POST-I	——	3	——
M8	20'	II-B	MASTARM-II	3	3	——
P9	——	I	STD. POST-I	——	——	2 at 90°

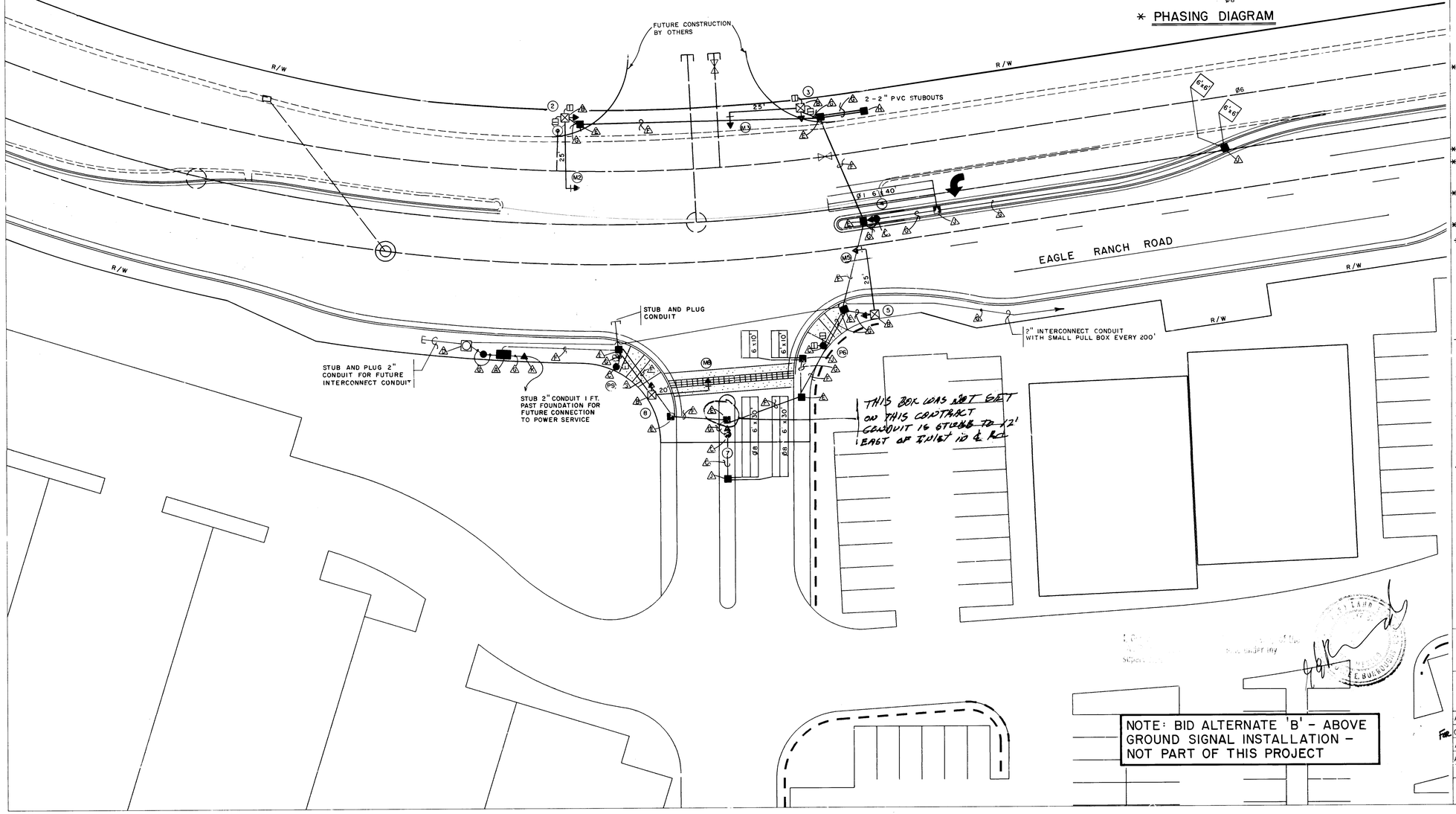
* NOT PART OF THIS PROJECT



* SIGNAL HEADS



* PHASING DIAGRAM



SCALE: 1" = 20'

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.

* 5. LOOP DETECTOR WIRING NEEDS TO BE 14 STRANDED WIRE WITH SLIDING SLEEVE.

6. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDER-GROUND CONDUIT.

~~7. CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM SERVICE POLE TO PNM POWER SOURCE.~~

~~8. CONTRACTOR TO CONTACT PUBLIC SERVICE COMPANY OF NEW MEXICO TO VERIFY SERVICE POLE CONNECTION.~~

* 9. THE CONTRACTOR WILL FURNISH AND INSTALL THE SIGNAL CONTROLLER/CABINET. SIGNAL CONTROLLER/CABINET SIZE AND TYPE TO BE DETERMINED BY CURRENT/FUTURE PHASING REQUIREMENTS AS DETERMINED BY THE CITY OF ALBUQUERQUE TRANSPORTATION DEPARTMENT. ACCEPTABLE CONTROLLERS ARE ECONOLITE ASC 8000, EAGLE EPAC 300, MULTISONICS 820. CONTROLLERS NEED TO INCLUDE NEMA PLUS CONFLICT MONITOR, LOAD SWITCHES, RELAYS AND AMPLIFIERS.

10. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS, TREE BRANCHES, ETC.

*11. MOUNT ALL CONTROLLERS SO DOORS FACE AWAY FROM TRAFFIC.

*12. ALL SPLICES FOR TRAFFIC SIGNAL MULTI-CONDUCTOR CABLE SHALL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE), NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.

*13. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUCTOR WIRE FOR TRAFFIC SIGNALS, SUCH THAT SIGNALIZATION IS COMPLETE AND OPERATIONAL. ALL WIRING WILL BE INCIDENTAL TO THE CONTRACT AND APPROVED BY THE ENGINEER.

*14. ALL WIRE ON THIS PROJECT TO BE COPPER.

* NOT PART OF THIS PROJECT.

KEYED NOTES

1. CONTROLLER FOUNDATION, TYPE I C.O.A 2527
2. MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
3. PEDESTAL FOUNDATION, C.O.A. DWG. 2525
4. TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
5. PULL BOX, LARGE 17"X 30" C.O.A. 2521
6. 3" CONDUIT PVC
7. 2" CONDUIT PVC
8. PULL BOX, SMALL 13"X 24" C.O.A. 2521
9. PULL BOX DETECTOR C.O.A. DWG. 2522
10. SERVICE POLE

1	2	3	4	5	6	7	8	9	10	11	12
2	6		3	5	7	5	1	2	9	0	

LEGEND

- PULL BOX TO BE INSTALLED
- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
- SERVICE PEDESTAL TO BE INSTALLED (METERING)
- TRAFFIC SIGNAL MANHOLE

AS BUILT INFORMATION
SUNDANCE WALKER SURVEY
R. BACA 2/16/90

MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ CC=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN

ENGINEER'S SEAL

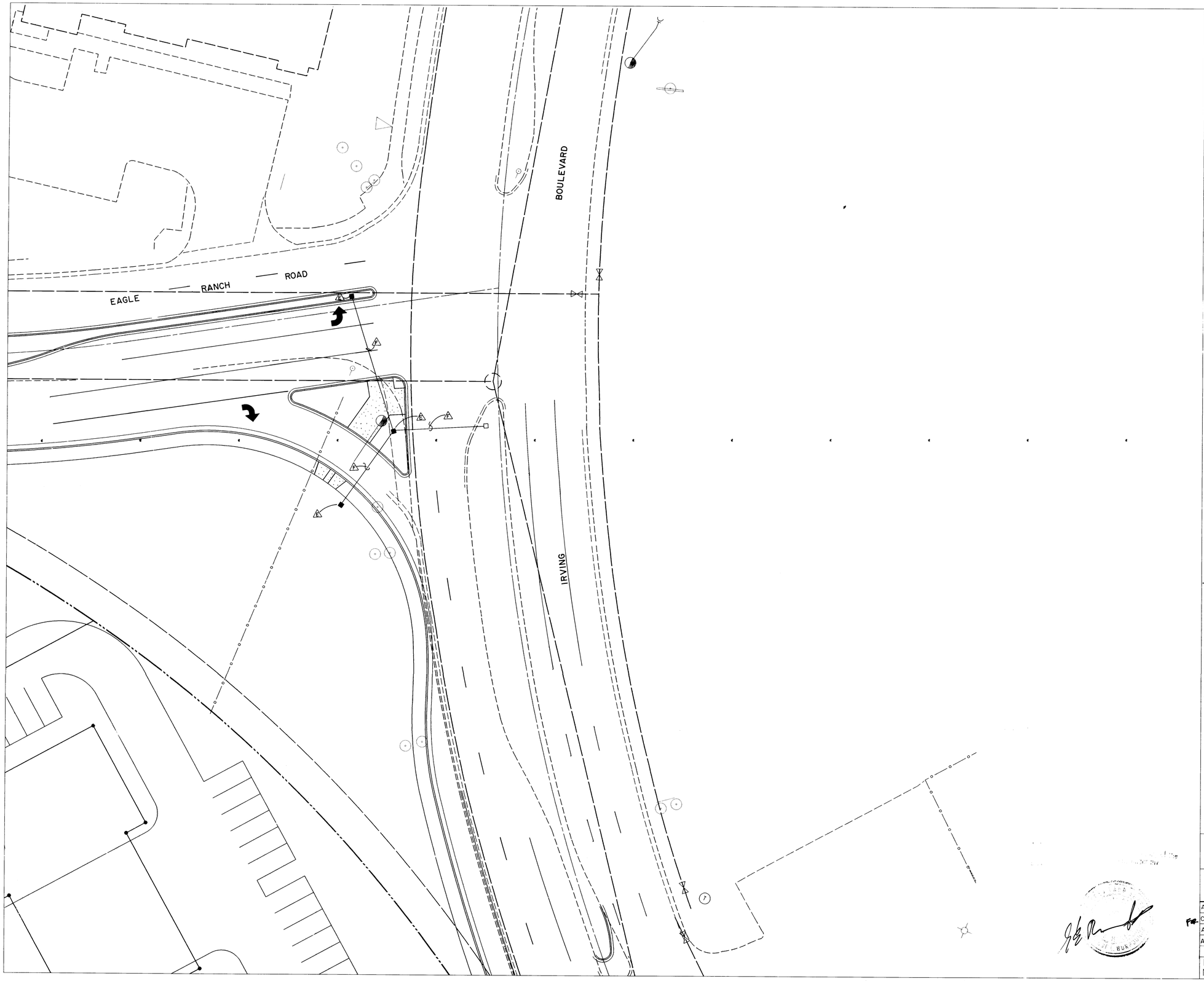
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
EAGLE RANCH ROAD SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Green	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger A. Green	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-2-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	12	17



SCALE: 1"=20'

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.
5. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDERGROUND CONDUIT.
6. ~~PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM PULL BOX AT BASE OF POWER POLE TO LARGE PULL BOX ON CLOSEST CORNER.~~
7. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS, TREE BRANCHES, ETC.
8. ABOVE GROUND TRAFFIC SIGNAL EQUIPMENT FOR THIS INTERSECTION NOT PART OF THIS CONTRACT, SHALL BE FURNISHED AND INSTALLED BY THE CITY OF ALBUQUERQUE WHEN NEEDS WARRANT.
9. 2" INTERCONNECT CONDUIT WITH PULL BOX EVERY 200' SHALL BE INSTALLED ALONG THE WEST SIDE OF COORS BLVD., AND THE SOUTH SIDE OF IRVING BLVD. SEE SHEET 4 OF 20.

KEYED NOTES

- CONTROLLER FOUNDATION, TYPE I C.O.A. 2527
- MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
- PEDESTAL FOUNDATION, C.O.A. DWG. 2525
- TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
- PULL BOX, LARGE 17" x 30" C.O.A. 2521
- 3" CONDUIT PVC
- 2" CONDUIT PVC
- PULL BOX, SMALL 13" x 24" C.O.A. 2521
- PULL BOX DETECTOR C.O.A. DWG. 2522
- SERVICE POLE

1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 5 7 5 1 3 9 0

LEGEND

- PULL BOX TO BE INSTALLED
- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
- SERVICE PEDESTAL TO BE INSTALLED (METERING)
- EXISTING PULL BOX

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. GACA 2/16/90

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ OC=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
3-2-89

MICRO-FILM INFORMATION

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

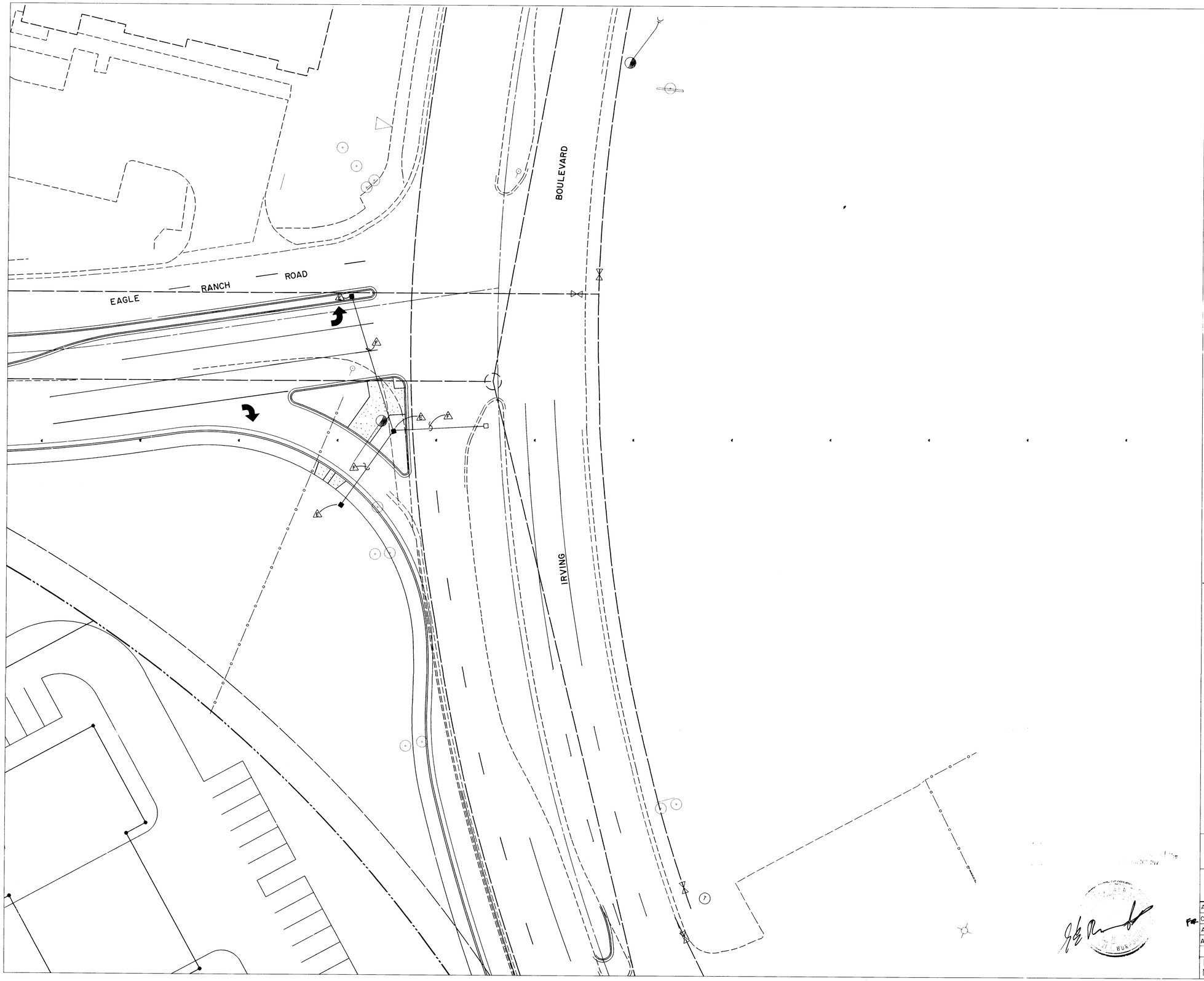
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
EAGLE RANCH/IRVING SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Green	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger L. Green	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	13	17



SCALE: 1"=20'

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.
5. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDERGROUND CONDUIT.
6. ~~PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM PULL BOX AT BASE OF POWER POLE TO LARGE PULL BOX ON CLOSEST CORNER.~~
7. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS, TREE BRANCHES, ETC.
8. ABOVE GROUND TRAFFIC SIGNAL EQUIPMENT FOR THIS INTERSECTION NOT PART OF THIS CONTRACT, SHALL BE FURNISHED AND INSTALLED BY THE CITY OF ALBUQUERQUE WHEN NEEDS WARRANT.
9. 2" INTERCONNECT CONDUIT WITH PULL BOX EVERY 200' SHALL BE INSTALLED ALONG THE WEST SIDE OF COORS BLVD., AND THE SOUTH SIDE OF IRVING BLVD. SEE SHEET 4 OF 20.

KEYED NOTES

- CONTROLLER FOUNDATION, TYPE I C.O.A. 2527
- MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
- PEDESTAL FOUNDATION, C.O.A. DWG. 2525
- TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
- PULL BOX, LARGE 17" x 30" C.O.A. 2521
- 3" CONDUIT PVC
- 2" CONDUIT PVC
- PULL BOX, SMALL 13" x 24" C.O.A. 2521
- PULL BOX DETECTOR C.O.A. DWG. 2522
- SERVICE POLE

1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 5 7 5 1 3 9 0

LEGEND

- PULL BOX TO BE INSTALLED
- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
- SERVICE PEDESTAL TO BE INSTALLED (METERING)
- EXISTING PULL BOX

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. GACA 2/16/90

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ OC=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
3-2-89

MICRO-FILM INFORMATION

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

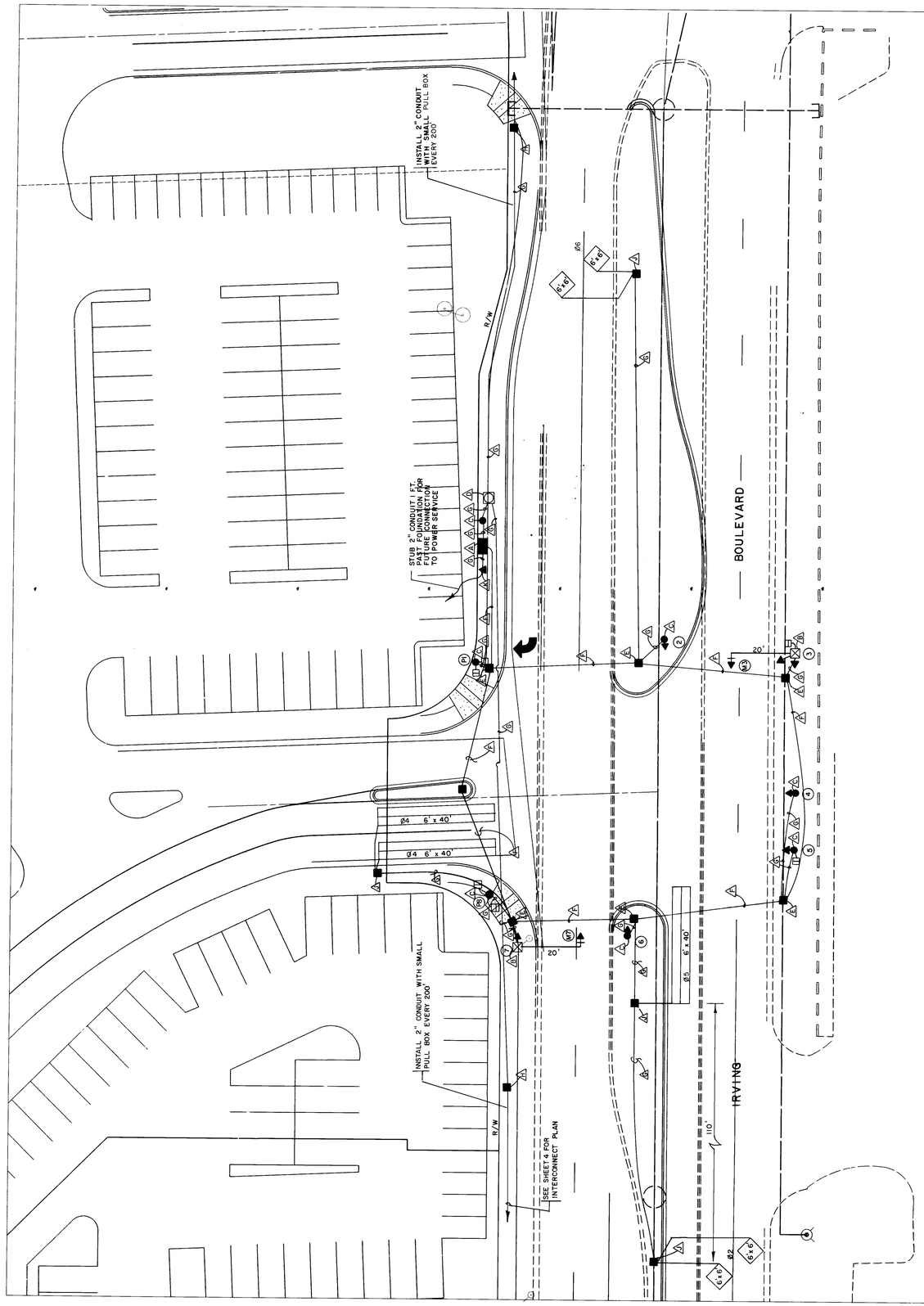
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
EAGLE RANCH/IRVING SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Green	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger L. Green	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	13	17



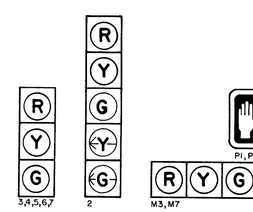
* FUNCTION CHART

CON-DUCTOR	BASE COLOR	TRACER	(RING 1) FUNCTION	FIELD CONNECTION	(RING 2) FUNCTION	FIELD CONNECTION
1.	BLACK	--	SPARE	----	----	----
2.	WHITE	--	SPARE	----	----	----
3.	RED	--	O1 RED	----	O5 RED	----
4.	GREEN	--	O1 GREEN	----	O5 GREEN	2 LT GREEN ARROW
5.	ORANGE	--	O1 YELLOW	----	O5 YELLOW	2 LT YELLOW ARRO
6.	BLUE	--	O1 WALK	----	----	----
7.	WHITE	BLACK	O1 DONT WALK	----	----	----
8.	RED	BLACK	O2 RED	2, 3, M3	O6 RED	6, 7, M7
9.	GREEN	BLACK	O2 GREEN	2, 3, M3	O6 GREEN	6, 7, M7
10.	ORANGE	BLACK	O2 YELLOW	2, 3, M3	O6 YELLOW	6, 7, M7
11.	BLUE	BLACK	O2 WALK	P1	O6 WALK	P7
12.	BLACK	WHITE	O2 DONT WALK	P1	O6 DONT WALK	P7
13.	RED	WHITE	O3 RED	----	O7 RED	----
14.	GREEN	WHITE	O3 GREEN	----	O7 GREEN	----
15.	BLUE	WHITE	O3 YELLOW	----	O7 YELLOW	----
16.	BLACK	RED	O4 RED	3, 4, 5	O8 RED	----
17.	WHITE	RED	O4 GREEN	3, 4, 5	O8 GREEN	----
18.	ORANGE	RED	O4 YELLOW	3, 4, 5	O8 YELLOW	----
19.	BLUE	RED	O4 WALK	P1,P3,P5,P7	O8 WALK	----
20.	RED	GREEN	O4 DONT WALK	P1,P3,P5,P7	O8 DONT WALK	----
21.	ORANGE	GREEN	SPARE	----	----	----

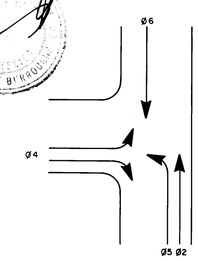
1.	BLACK	--	O2 PPB	PPB P1
2.	WHITE	--	COMMON	PPB P1 THRU P
3.	RED	--	O4 PPB	PPB P1,P3,P5,
4.	GREEN	--	O6 PPB	PPB P7
5.	ORANGE	--	O8 PPB	----

*

SIGNALS	ARM LENGTH	POLE TYPE	FOUNDATION TYPE	OVERHEAD SIGNAL (MASTARM)	POST MOUNT SIGNAL	PEDESTRIAN HEAD AND PUSH BUTTONS
*P1	——	*I	STD. POST-I	* ——	—— *	2 at 90°
2	——	I	STD. POST-I	——	5	——
M3	20'	II-B	MASTARM-II	3	3,3	1 at 90°
4	——	I	STD. POST-I	——	3	——
5	——	I	STD. POST-I	——	3	1 at 90°
6	——	I	STD. POST-I	——	3	——
M7	20'	II-B	MASTARM-II	3	3	——
P8	——	I	STD. POST-I	——	——	2 at 90°



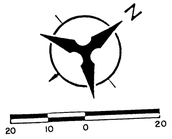
* SIGNAL HEADS



* PHASING DIAGRAM

* NOT PART OF THIS PROJECT

NOTE: BID ALTERNATE 'B' - ABOVE GROUND SIGNAL INSTALLATION - NOT PART OF THIS PROJECT



GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
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*5. LOOP DETECTOR WIRING NEEDS TO BE 14 STRANDED WIRE WITH SLIDING SLEEVE.

6. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDER-GROUND CONDUIT.

7. ~~CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM SERVICE POLE TO PNM POWER SOURCE.~~

8. ~~CONTRACTOR TO CONTACT PUBLIC SERVICE COMPANY OF NEW MEXICO TO VERIFY SERVICE POLE CONNECTION.~~

*9. THE CONTRACTOR WILL FURNISH AND INSTALL THE SIGNAL CONTROLLER/CABINET. SIGNAL CONTROLLER/CABINET SIZE AND TYPE TO BE DETERMINED BY CURRENT/FUTURE PHASING REQUIREMENTS AS DETERMINED BY THE CITY OF ALBUQUERQUE TRANSPORTATION DEPARTMENT. ACCEPTABLE CONTROLLERS ARE ECONOLITE ASC 8000, EAGLE EPAC 300, MULTISONICS 820. CONTROLLERS NEED TO INCLUDE NEMA PLUS CONFLICT MONITOR, LOAD SWITCHES, RELAYS AND AMPLIFIERS.

10. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS, CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS, TREE BRANCHES, ETC.

*11. MOUNT ALL CONTROLLERS SO DOORS FACE AWAY FROM TRAFFIC.

*12. ALL SPLICES FOR TRAFFIC SIGNAL MULTI-CONDUCTOR COBLE SHALL BE MADE ABOVE GROUND IN CABINET OR STANDARD BASE), NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.

*13. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUCTOR WIRE FOR TRAFFIC SIGNALS, SUCH THAT SIGNALIZATION IS COMPLETE AND OPERATIONAL. ALL WIRING WILL BE INCIDENTAL TO THE CONTRACT AND APPROVED BY THE ENGINEER.

*14. ALL WIRE ON THIS PROJECT TO BE COPPER.

* NOT PART OF THIS PROJECT.

KEYED NOTES

- CONTROLLER FOUNDATION, TYPE I C.O.A. 2527
- MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
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- 3" CONDUIT PVC
- 2" CONDUIT PVC
- PULL BOX, SMALL 13" X 24" C.O.A. 2521
- PULL BOX DETECTOR C.O.A. DWG. 2522
- SERVICE POLE

1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	5	7	5	1	4	9	0		

LEGEND

- PULL BOX TO BE INSTALLED
- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
- SERVICE PEDESTAL TO BE INSTALLED (METERING)
- TRAFFIC SIGNAL MANHOLE

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA 2/16/90
MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A.3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
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GROUND TO GRID FACTOR=0.99967685
Δ α=00° 14' 13"
ELEV=5027.05

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

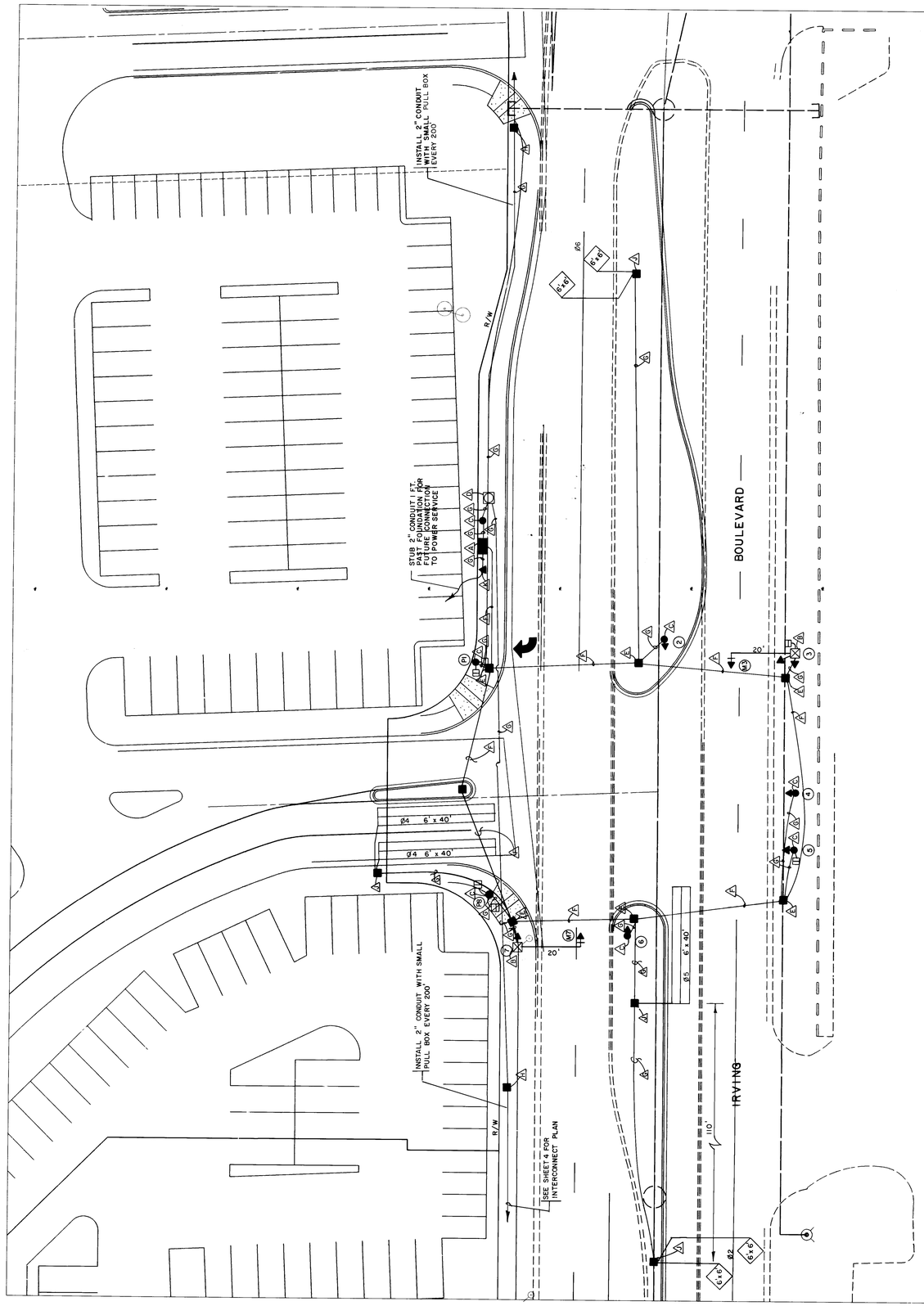
JOB NO. 88219.05

TITLE:
IRVING BOULEVARD SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Grace	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger L. Grace	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

FOR

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	14	17



* FUNCTION CHART

CON-DUCTOR	BASE COLOR	TRACER	(RING 1) FUNCTION	FIELD CONNECTION	(RING 2) FUNCTION	FIELD CONNECTION
1.	BLACK	--	SPARE	----	----	----
2.	WHITE	--	SPARE	----	----	----
3.	RED	--	O1 RED	----	O5 RED	----
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6.	BLUE	--	O1 WALK	----	----	----
7.	WHITE	BLACK	O1 DONT WALK	----	----	----
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1.	BLACK	--	O2 PPB	PPB P1
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*

SIGNALS	ARM LENGTH	POLE TYPE	FOUNDATION TYPE	OVERHEAD SIGNAL (MASTARM)	POST MOUNT SIGNAL	PEDESTRIAN HEAD AND PUSH BUTTONS
*P1	——	*I	STD. POST-I	* ——	—— *	2 at 90°
2	——	I	STD. POST-I	——	5	——
M3	20'	II-B	MASTARM-II	3	3,3	1 at 90°
4	——	I	STD. POST-I	——	3	——
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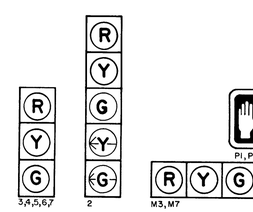

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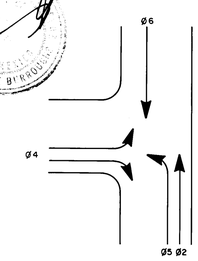

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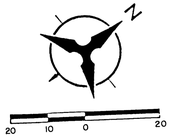
NOTE: BID ALTERNATE 'B' - ABOVE GROUND SIGNAL INSTALLATION - NOT PART OF THIS PROJECT



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1	2	3	4	5	6	7	8	9	10	11	12
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LEGEND

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- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
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AS BUILT INFORMATION
SUNDANCE
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USC & GS BRASS TABLET "R. ALAMEDA A.3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
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CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 88219.05

TITLE:
IRVING BOULEVARD SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Grace	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger L. Grace	4/11/89
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FOR

DRAWING NO.	MAP NO.	SHEET	OF
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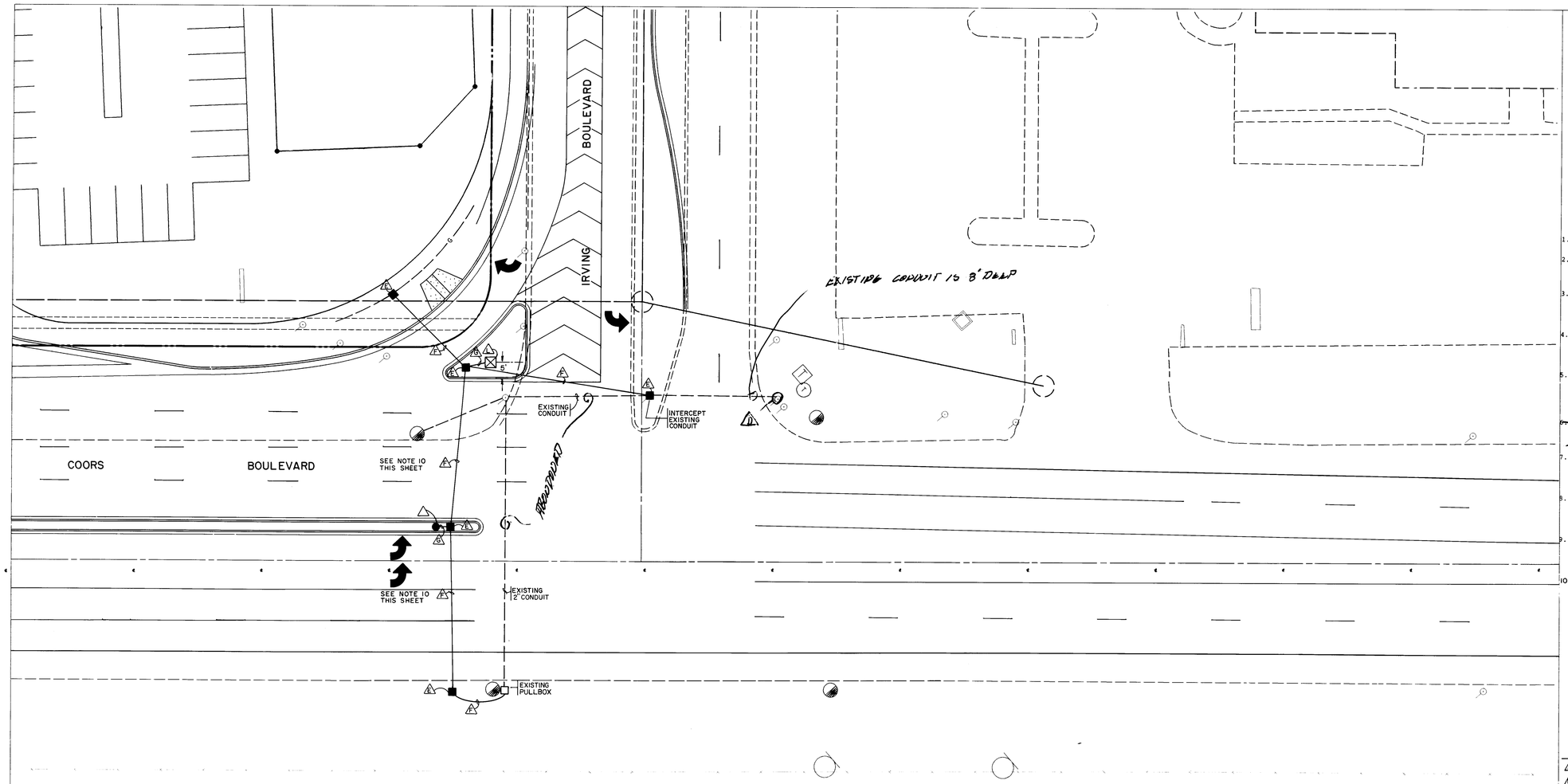

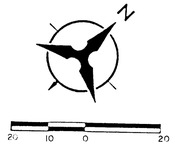

SCALE: 1"=20'

GENERAL NOTES:

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10. **CONTRACTOR SHALL BORE AND JACK 3-INCH CONDUIT UNDER EXISTING PAVEMENT IN COORS BLVD.**

KEYED NOTES

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- PEDESTAL FOUNDATION, C.O.A. DWG. 2525
- TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
- PULL BOX, LARGE 17" X 30" C.O.A. 2521
- 3" CONDUIT PVC
- 2" CONDUIT PVC
- PULL BOX, SMALL 13" X 24" C.O.A. 2521
- PULL BOX DETECTOR C.O.A. DWG. 2522
- SERVICE POLE
- MASTARM FOUNDATION, TYPE II

216 3575 1590

LEGEND

- PULL BOX TO BE INSTALLED
- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
- SERVICE PEDESTAL TO BE INSTALLED (METERING)
- EXISTING PULL BOX

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ CC=00° 14' 13"
ELEV=5027.05

MICRO-FILM INFORMATION

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL
3-2-89

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

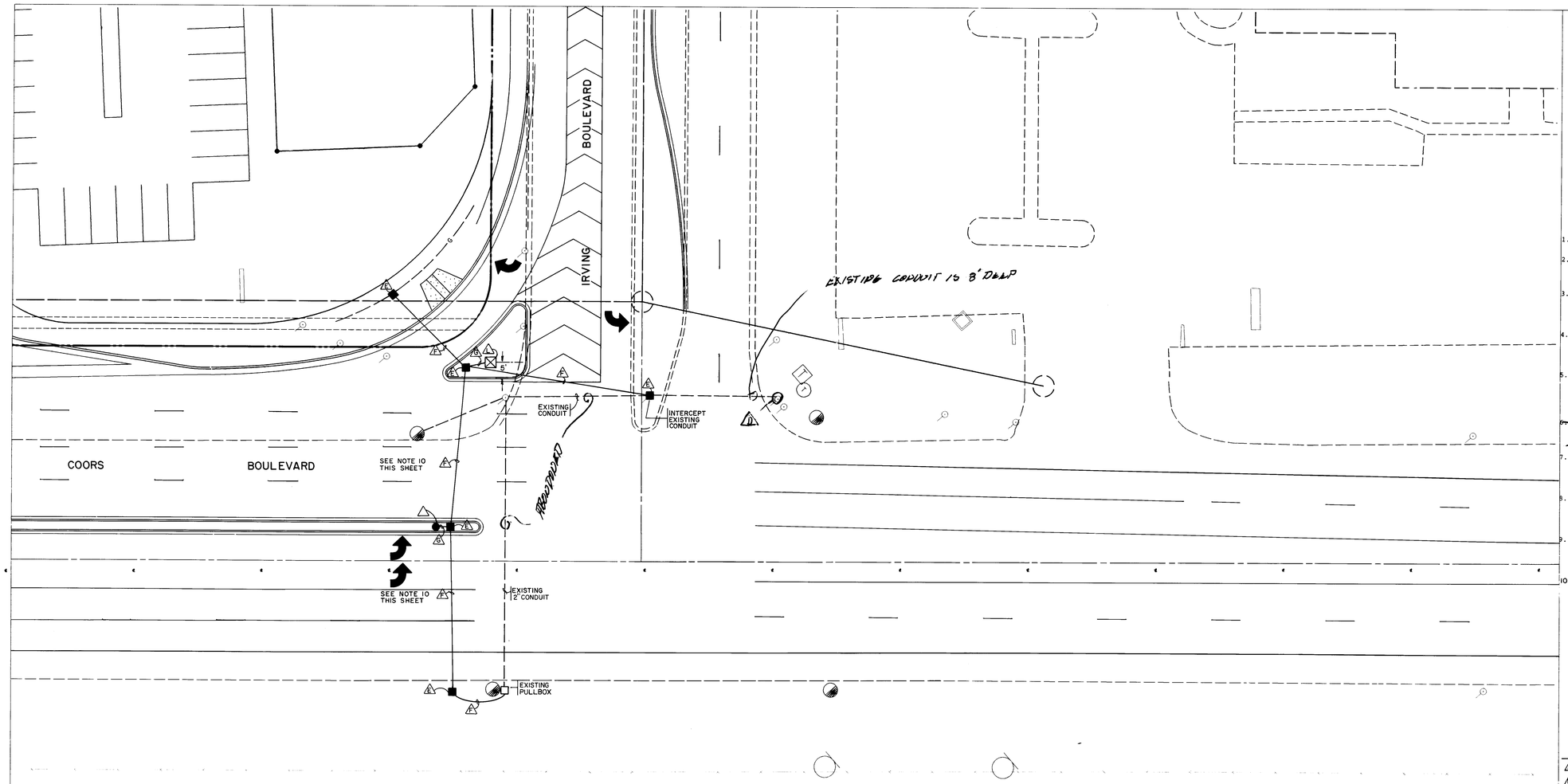
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

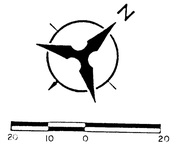
JOB NO 882190 5

TITLE:
COORS / IRVING SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Green	4/11/89	Liquid Waste	N/A	
A.C.E. - Design	"	"	Traffic	Roger A. Green	4/11/89
A.C.E. - Hydrology		"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 15 OF 17





SCALE: 1"=20'

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.
5. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDERGROUND CONDUIT.
6. ~~PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM PULL BOX AT BASE OF POWER POLE TO LARGE PULL BOX ON CLOSEST CORNER.~~
7. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH *STREET LIGHT POLES*, STORE SIGNS, TREE BRANCHES, ETC.
8. ABOVE GROUND TRAFFIC SIGNAL EQUIPMENT FOR THIS INTERSECTION NOT PART OF THIS CONTRACT, SHALL BE FURNISHED AND INSTALLED BY THE CITY OF ALBUQUERQUE WHEN NEEDS WARRANT.
9. 2" INTERCONNECT CONDUIT WITH PULL BOX EVERY 200' SHALL BE INSTALLED ALONG THE WEST SIDE OF COORS BLVD., AND THE SOUTH SIDE OF IRVING BLVD. SEE SHEET 4 OF 20.
10. **CONTRACTOR SHALL BORE AND JACK 3-INCH CONDUIT UNDER EXISTING PAVEMENT IN COORS BLVD.**

KEYED NOTES

- CONTROLLER FOUNDATION, TYPE I C.O.A. 2527
- MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
- PEDESTAL FOUNDATION, C.O.A. DWG. 2525
- TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
- PULL BOX, LARGE 17" X 30" C.O.A. 2521
- 3" CONDUIT PVC
- 2" CONDUIT PVC
- PULL BOX, SMALL 13" X 24" C.O.A. 2521
- PULL BOX DETECTOR C.O.A. DWG. 2522
- SERVICE POLE
- MASTARM FOUNDATION, TYPE II

216 3575 1590

LEGEND

- PULL BOX TO BE INSTALLED
- PEDESTAL FOUNDATION TYPE I
- MASTARM FOUNDATION TYPE II
- CONTROLLER FOUNDATION TYPE I
- SERVICE PEDESTAL TO BE INSTALLED (METERING)
- EXISTING PULL BOX

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ CC=00° 14' 13"
ELEV=5027.05

MICRO-FILM INFORMATION

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL
3-2-89

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

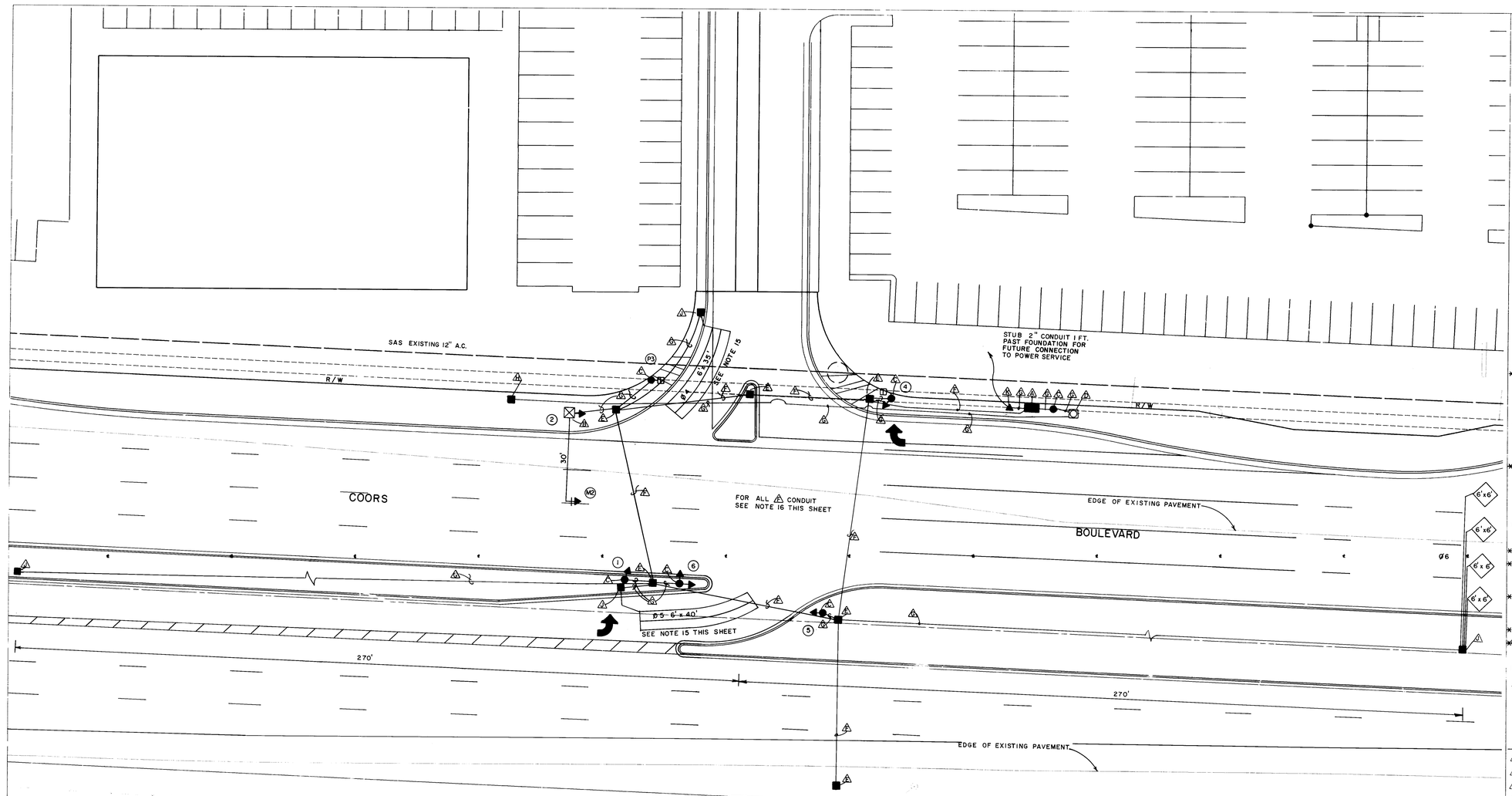
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO 882190 5

TITLE:
COORS / IRVING SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger A. Green	4/11/89	Liquid Waste	N/A	
A.C.E. - Design	"	"	Traffic	Roger A. Green	4/11/89
A.C.E. - Hydrology		"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO. 3575 | MAP NO. C-13 | SHEET 15 OF 17



SCALE: 1" = 20'

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.

*5. LOOP DETECTOR WIRING NEEDS TO BE 14 STRANDED WIRE WITH SLIDING SLEEVE.

6. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDER-GROUND CONDUIT.

~~7. CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM DETECTOR POLE TO PNM POWER SOURCE.~~

8. CONTRACTOR TO ~~CONTACT PUBLIC SERVICE~~ COMPANY OF NEW ~~MEXICO TO VERIFY SERVICE POLE CONNECTION.~~

*9. **THE CONTRACTOR WILL FURNISH AND INSTALL THE SIGNAL CONTROLLER/CABINET. SIGNAL CONTROLLER/CABINET SIZE AND TYPE TO BE DETERMINED BY CURRENT/FUTURE PHASING REQUIREMENTS AS DETERMINED BY THE CITY OF ALBUQUERQUE TRANSPORTATON DEPARTMENT. ACCEPTABLE CONTROLLERS ARE ECONOLITE ASC 8000, EAGLE EPAC 300, MULTISONICS 820. CONTROLLERS NEED TO INCLUDE NEMA PLUS CONFLICT MONITOR, LOAD SWITCHES, RELAYS AND AMPLIFIERS.**

10. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS,TREE BRANCHES, ETC.

*11. MOUNT ALL CONTROLLERS SO DOORS FACE AWAY FROM TRAFFIC.

*12. ALL SPLICES FOR TRAFFIC SIGNAL MULTI-CONDUCTOR COBLE SHALL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE), NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.

*13. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUCTOR WIRE FOR TRAFFIC SIGNALS, SUCH THAT SIGNALIZATION IS COMPLETE AND OPERATIONAL. ALL WIRING WILL BE INCIDENTAL TO THE CONTRACT AND APPROVED BY THE ENGINEER.

*14. ALL WIRE ON THIS PROJECT TO BE COPPER.

*15. **DETECTOR LOOP LEAD-IN WIRE RUNS FOR #4 AND #5 SHALL BE SEPERATE. CONNECT RIGHT TURN DETECTOR LOOP TO AMPLIFIER WITH DELAY CALL FUNCTION.**

16. **CONTRACTOR SHALL BORE AND JACK 3-INCH CONDUIT UNDER EXISTING PAVEMENT IN COORS BLVD.**

* NOT PART OF THIS PROJECT.

KEYED NOTES

- △1 CONTROLLER FOUNDATION, TYPE I C.O.A 2527
- △2 MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
- △3 PEDESTAL FOUNDATION, C.O.A. DWG. 2525
- △4 TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
- △5 PULL BOX, LARGE 17"X 30" C.O.A. 2521
- △6 3" CONDUIT PVC
- △6 2" CONDUIT PVC
- △7 PULL BOX, SMALL 13"X 24" C.O.A. 2521
- △8 PULL BOX DETECTOR C.O.A. DWG. 2522
- △9 SERVICE POLE

1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	5	7	5	1	6	9	0		1

LEGEND

- ■ PULL BOX TO BE INSTALLED
- ● PEDESTAL FOUNDATION TYPE I
- ⊠ MASTARM FOUNDATION TYPE II
- ▬ CONTROLLER FOUNDATION TYPE I
- ▲ SERVICE PEDESTAL TO BE INSTALLED (METERING)
- ◎ TRAFFIC SIGNAL MANHOLE

* FUNCTION CHART

CON-DUCTOR	BASE COLOR	TRACER	(RING 1) FUNCTION	FIELD CONNECTION	(RING 2) FUNCTION	FIELD CONNECTION
1.	BLACK	--	SPARE	----	----	----
2.	WHITE	--	SPARE	----	----	----
3.	RED	--	O1 RED	----	O5 RED	5, M5 LT RED ARROW
4.	GREEN	--	O1 GREEN	----	O5 GREEN	5, M5 LT GREEN ARROW
5.	ORANGE	--	O1 YELLOW	----	O5 YELLOW	5, M5 LT YELLOW ARROW
6.	BLUE	--	O1 WALK	----	----	----
7.	WHITE	BLACK	O1 DONT WALK	----	----	----
8.	RED	BLACK	O2 RED	----	O6 RED	2, M2, 6
9.	GREEN	BLACK	O2 GREEN	----	O6 GREEN	2, M2, 6
10.	ORANGE	BLACK	O2 YELLOW	----	O6 YELLOW	2, M2, 6
11.	BLUE	BLACK	O2 WALK	----	O6 WALK	P3, P4
12.	BLACK	WHITE	O2 DONT WALK	----	O6 DONT WALK	P3, P4
13.	RED	WHITE	O3 RED	----	O7 RED	----
14.	GREEN	WHITE	O3 GREEN	----	O7 GREEN	----
15.	BLUE	WHITE	O3 YELLOW	----	O7 YELLOW	----
16.	BLACK	RED	O4 RED	1, 6 RT RED ARROW	O8 RED	----
17.	WHITE	RED	O4 GREEN	1, 6 RT GREEN ARROW	O8 GREEN	----
18.	ORANGE	RED	O4 YELLOW	1, 6 RT YELLOW ARROW	O8 YELLOW	----
19.	BLUE	RED	O4 WALK	----	O8 WALK	----
20.	RED	GREEN	O4 DONT WALK	----	O8 DONT WALK	----
21.	ORANGE	GREEN	SPARE	----	----	----

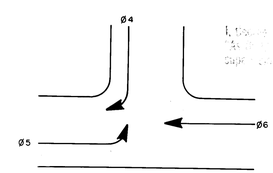
1.	BLACK	--	O2 PPB	----
2.	WHITE	--	COMMON	PPB P3, P4
3.	RED	--	O4 PPB	----
4.	GREEN	--	O6 PPB	PPB P3, P4
5.	ORANGE	--	O8 PPB	----

NOTE: BID ALTERNATE 'B' - ABOVE GROUND SIGNAL INSTALLATION - NOT PART OF THIS PROJECT

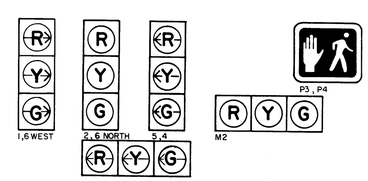
*

SIGNALS	ARM LENGTH	POLE TYPE	FOUNDATION TYPE	OVERHEAD SIGNAL (MASTARM)	POST MOUNT SIGNAL	PEDESTRIAN HEAD AND PUSH BUTTONS
1	——	I	STD. POST-I	——	3	——
M2	30'	II-B	MASTARM-II	3	3	——
P3	——	I	STD. POST-I	——	——	1 at 90°
4	——	I	STD. POST-I	——	3	1 at 90°
5	——	I	STD. POST-I	——	**3	——
6	——	I	STD. POST-I	——	3,3	——

** OPTICALLY PROGRAMED SIGNAL
* NOT PART OF THIS PROJECT



* PHASING DIAGRAM



* SIGNAL HEADS

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA 2/16/90
MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ α=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
		REMARKS	
		DESIGN	

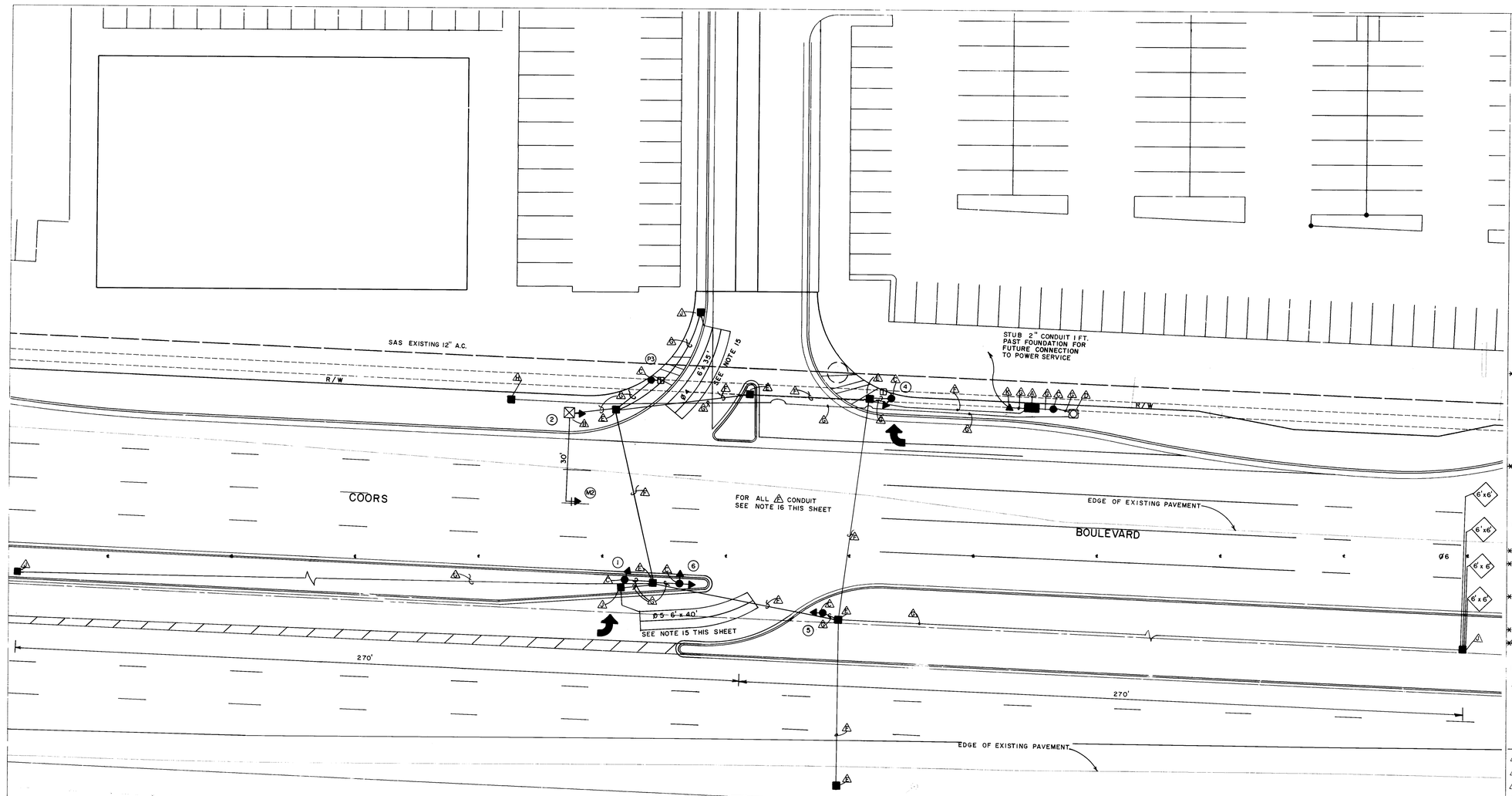
CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

JOB NO. 882/9.05

TITLE:
COORS BOULEVARD SIGNALIZATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger L. Brown	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger L. Brown	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	16	17



SCALE: 1" = 20'

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.

*5. LOOP DETECTOR WIRING NEEDS TO BE 14 STRANDED WIRE WITH SLIDING SLEEVE.

6. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDER-GROUND CONDUIT.

~~7. CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM DETECTOR POLE TO PNM POWER SOURCE.~~

8. CONTRACTOR TO ~~CONTACT PUBLIC SERVICE~~ COMPANY OF NEW ~~MEXICO TO VERIFY SERVICE POLE CONNECTION.~~

*9. **THE CONTRACTOR WILL FURNISH AND INSTALL THE SIGNAL CONTROLLER/CABINET. SIGNAL CONTROLLER/CABINET SIZE AND TYPE TO BE DETERMINED BY CURRENT/FUTURE PHASING REQUIREMENTS AS DETERMINED BY THE CITY OF ALBUQUERQUE TRANSPORTATON DEPARTMENT. ACCEPTABLE CONTROLLERS ARE ECONOLITE ASC 8000, EAGLE EPAC 300, MULTISONICS 820. CONTROLLERS NEED TO INCLUDE NEMA PLUS CONFLICT MONITOR, LOAD SWITCHES, RELAYS AND AMPLIFIERS.**

10. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS,TREE BRANCHES, ETC.

*11. MOUNT ALL CONTROLLERS SO DOORS FACE AWAY FROM TRAFFIC.

*12. ALL SPLICES FOR TRAFFIC SIGNAL MULTI-CONDUCTOR COBLE SHALL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE), NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.

*13. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUCTOR WIRE FOR TRAFFIC SIGNALS, SUCH THAT SIGNALIZATION IS COMPLETE AND OPERATIONAL. ALL WIRING WILL BE INCIDENTAL TO THE CONTRACT AND APPROVED BY THE ENGINEER.

*14. ALL WIRE ON THIS PROJECT TO BE COPPER.

*15. **DETECTOR LOOP LEAD-IN WIRE RUNS FOR #4 AND #5 SHALL BE SEPERATE. CONNECT RIGHT TURN DETECTOR LOOP TO AMPLIFIER WITH DELAY CALL FUNCTION.**

16. **CONTRACTOR SHALL BORE AND JACK 3-INCH CONDUIT UNDER EXISTING PAVEMENT IN COORS BLVD.**

* NOT PART OF THIS PROJECT.

KEYED NOTES

- △1 CONTROLLER FOUNDATION, TYPE I C.O.A 2527
- △2 MASTARM FOUNDATION, TYPE II C.O.A. DWG. 2526
- △3 PEDESTAL FOUNDATION, C.O.A. DWG. 2525
- △4 TRAFFIC SIGNAL MANHOLE, C.O.A. DWG. 2524
- △5 PULL BOX, LARGE 17"X 30" C.O.A. 2521
- △6 3" CONDUIT PVC
- △6 2" CONDUIT PVC
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- △8 PULL BOX DETECTOR C.O.A. DWG. 2522
- △9 SERVICE POLE

1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	5	7	5	1	6	9	0		1

LEGEND

- ■ PULL BOX TO BE INSTALLED
- ● PEDESTAL FOUNDATION TYPE I
- ⊠ MASTARM FOUNDATION TYPE II
- ▬ CONTROLLER FOUNDATION TYPE I
- ▲ SERVICE PEDESTAL TO BE INSTALLED (METERING)
- ◎ TRAFFIC SIGNAL MANHOLE

* FUNCTION CHART

CON-DUCTOR	BASE COLOR	TRACER	(RING 1) FUNCTION	FIELD CONNECTION	(RING 2) FUNCTION	FIELD CONNECTION
1.	BLACK	--	SPARE	----	----	----
2.	WHITE	--	SPARE	----	----	----
3.	RED	--	O1 RED	----	O5 RED	5, M5 LT RED ARROW
4.	GREEN	--	O1 GREEN	----	O5 GREEN	5, M5 LT GREEN ARROW
5.	ORANGE	--	O1 YELLOW	----	O5 YELLOW	5, M5 LT YELLOW ARROW
6.	BLUE	--	O1 WALK	----	----	----
7.	WHITE	BLACK	O1 DONT WALK	----	----	----
8.	RED	BLACK	O2 RED	----	O6 RED	2, M2, 6
9.	GREEN	BLACK	O2 GREEN	----	O6 GREEN	2, M2, 6
10.	ORANGE	BLACK	O2 YELLOW	----	O6 YELLOW	2, M2, 6
11.	BLUE	BLACK	O2 WALK	----	O6 WALK	P3, P4
12.	BLACK	WHITE	O2 DONT WALK	----	O6 DONT WALK	P3, P4
13.	RED	WHITE	O3 RED	----	O7 RED	----
14.	GREEN	WHITE	O3 GREEN	----	O7 GREEN	----
15.	BLUE	WHITE	O3 YELLOW	----	O7 YELLOW	----
16.	BLACK	RED	O4 RED	1, 6 RT RED ARROW	O8 RED	----
17.	WHITE	RED	O4 GREEN	1, 6 RT GREEN ARROW	O8 GREEN	----
18.	ORANGE	RED	O4 YELLOW	1, 6 RT YELLOW ARROW	O8 YELLOW	----
19.	BLUE	RED	O4 WALK	----	O8 WALK	----
20.	RED	GREEN	O4 DONT WALK	----	O8 DONT WALK	----
21.	ORANGE	GREEN	SPARE	----	----	----

1.	BLACK	--	O2 PPB	----
2.	WHITE	--	COMMON	PPB P3, P4
3.	RED	--	O4 PPB	----
4.	GREEN	--	O6 PPB	PPB P3, P4
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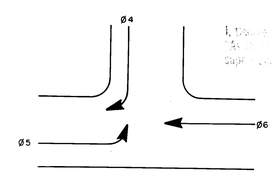
NOTE: BID ALTERNATE 'B' - ABOVE GROUND SIGNAL INSTALLATION - NOT PART OF THIS PROJECT

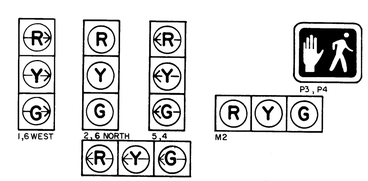
*

SIGNALS	ARM LENGTH	POLE TYPE	FOUNDATION TYPE	OVERHEAD SIGNAL (MASTARM)	POST MOUNT SIGNAL	PEDESTRIAN HEAD AND PUSH BUTTONS
1	——	I	STD. POST-I	——	3	——
M2	30'	II-B	MASTARM-II	3	3	——
P3	——	I	STD. POST-I	——	——	1 at 90°
4	——	I	STD. POST-I	——	3	1 at 90°
5	——	I	STD. POST-I	——	**3	——
6	——	I	STD. POST-I	——	3,3	——

** OPTICALLY PROGRAMED SIGNAL
* NOT PART OF THIS PROJECT



* PHASING DIAGRAM



* SIGNAL HEADS

AS BUILT INFORMATION
SUNDANCE
WALKER SURVEY
R. BACA 2/16/90
MICRO-FILM INFORMATION

BENCH MARKS
USC & GS BRASS TABLET "R. ALAMEDA A-3" NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE)
X=377,094.67 Y=1,523,108.34
GROUND TO GRID FACTOR=0.99967685
Δ α=00° 14' 13"
ELEV.=5027.05

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
		REMARKS	
		DESIGN	

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

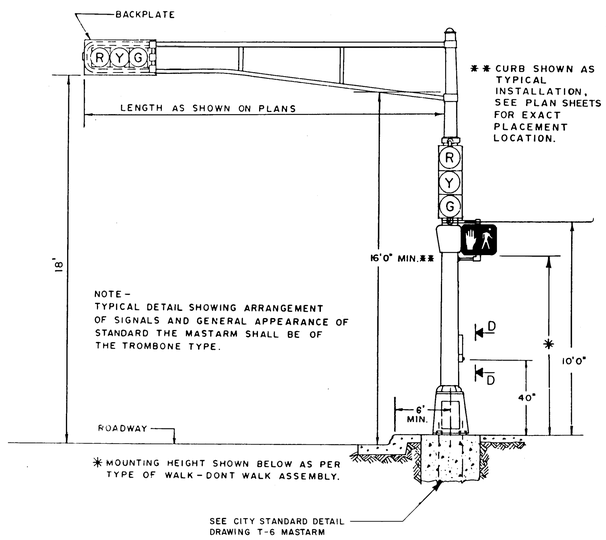
JOB NO. 882/9.05

TITLE:
COORS BOULEVARD SIGNALIZATION

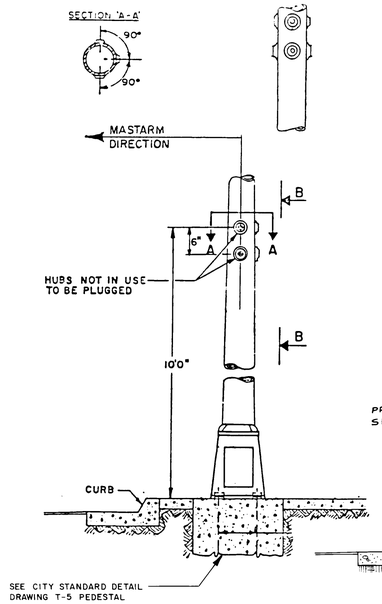
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
For City Engineer	Roger L. Brown	4/11/89	Liquid Waste	N/A	
A.C.E.-Design	"	"	Traffic	Roger L. Brown	4/11/89
A.C.E.-Hydrology	"	"	Water	N/A	
			N.M. Utilities	[illegible]	4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	16	17

NOTE -
ALL TRAFFIC HEADS 12 INCH WITH SQUARE DOOR HOUSING.

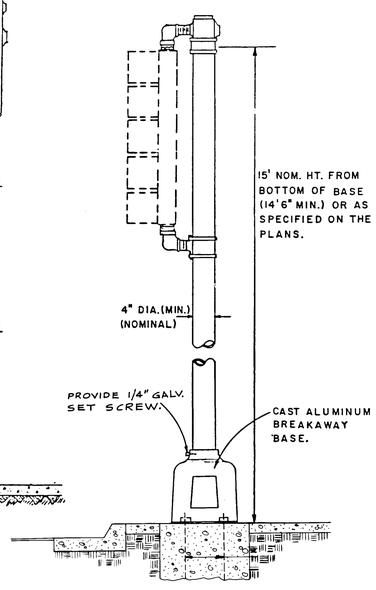


TRAFFIC SIGNAL STANDARD DETAIL - TYPE II (TYPE "B" ARM)



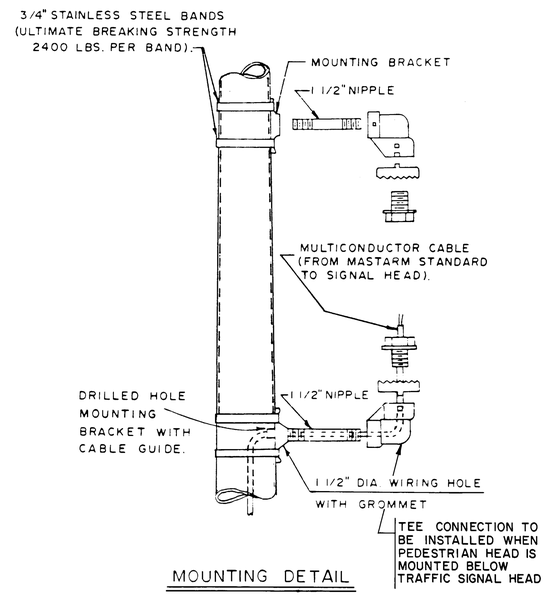
SHAFT OUTLET DETAILS

(TYPE II AND III STANDARDS)



MOUNTING DETAIL

(TOP OF TYPE I STANDARD)



MOUNTING DETAIL

(SIDE OF SHAFT)

GENERAL NOTES:

1. ALL CONDUIT TO BE PVC, HEAVY-DUTY, SCHEDULE 40.
2. ALL CONDUIT CONNECTIONS TO BE MADE OF THE SOLVENT WELD TYPE ACCORDING TO THE RECOMMENDATIONS OF THE PVC CONDUIT MANUFACTURER.
3. ALL CONDUIT TO BE RUN IN STRAIGHT-LINE FASHION FROM TERMINAL TO TERMINAL AS MUCH AS POSSIBLE. SOME MAY HAVE TO FOLLOW CURVATURE TO STAY WITHIN RIGHT-OF-WAY.
4. ALL CONDUIT RUNS TO BE CLEARLY LABELED AT END POINTS INSIDE PULL BOXES, MANHOLES, SIGNAL FOUNDATIONS, ETC. LABEL BOTH ENDS OF SAME CONDUIT RUN AS "AA", "BB", "CC", ETC.

* 5. LOOP DETECTOR WIRING NEEDS TO BE 14 STRANDED WIRE WITH SLIDING SLEEVE.

6. USE 1-INCH GALVANIZED STEEL RISER FOR UTILITY POWER POLE WHICH PROVIDES ELECTRICAL SERVICE TO SIGNALS. TERMINATE IN STANDARD SIZE PULL BOX AT BASE OF POLE WITH UNDER-GROUND CONDUIT.
7. CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM SERVICE POLE TO PNM POWER SOURCE.
8. CONTRACTOR TO CONTACT PUBLIC SERVICE COMPANY OF NEW MEXICO TO VERIFY SERVICE POLE CONNECTION.

* 9. THE CONTRACTOR WILL FURNISH AND INSTALL THE SIGNAL CONTROLLER/CABINET. SIGNAL CONTROLLER/CABINET SIZE AND TYPE TO BE DETERMINED BY CURRENT/FUTURE PHASING REQUIREMENTS AS DETERMINED BY THE CITY OF ALBUQUERQUE TRANSPORTATON DEPARTMENT. ACCEPTABLE CONTROLLERS ARE ECONOLITE ASC 8000, EAGLE EPAC 300, MULTISONICS 820. CONTROLLERS NEED TO INCLUDE NEMA PLUS CONFLICT MONITOR, LOAD SWITCHES, RELAYS AND AMPLIFIERS.

10. ADJUST SIGNAL POLE FOUNDATIONS SO AS TO PERMIT GOOD VISIBILITY OF SIGNAL INDICATIONS. CHECK FOR CONFLICT WITH STREET LIGHT POLES, STORE SIGNS, TREE BRANCHES, ETC.

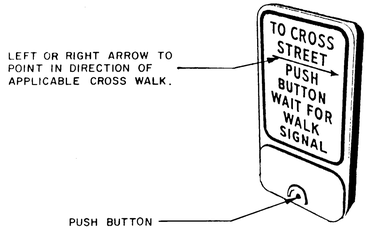
* 11. MOUNT ALL CONTROLLERS SO DOORS FACE AWAY FROM TRAFFIC.

* 12. ALL SPLICES FOR TRAFFIC SIGNAL MULTI-CONDUCTOR COBLE SHALL BE MADE ABOVE GROUND (IN CABINET OR STANDARD BASE). NO SPLICING OF MCC WILL BE PERMITTED IN PULL BOXES.

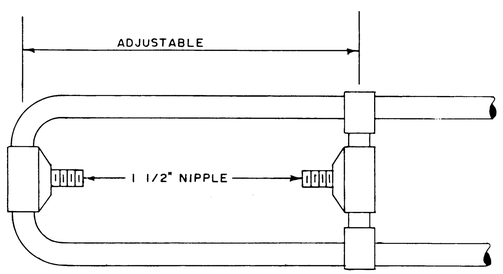
* 13. CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUCTOR WIRE FOR TRAFFIC SIGNALS, SUCH THAT SIGNALIZATION IS COMPLETE AND OPERATIONAL. ALL WIRING WILL BE INCIDENTAL TO THE CONTRACT AND APPROVED BY THE ENGINEER.

* 14. ALL WIRE ON THIS PROJECT TO BE COPPER.

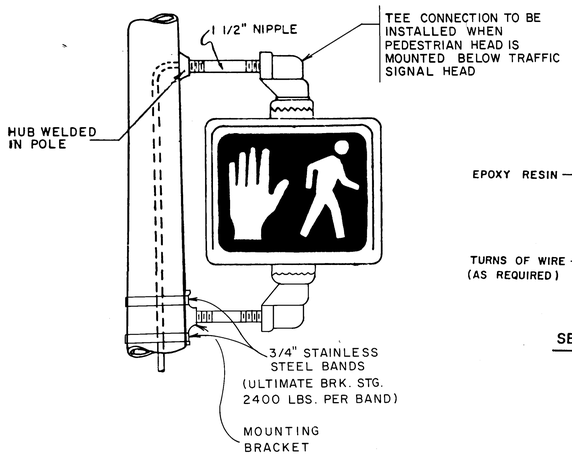
* NOT PART OF THIS PROJECT



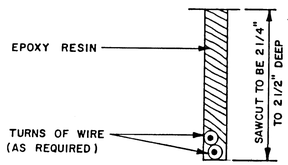
PEDESTRIAN PUSH BUTTON DETAIL



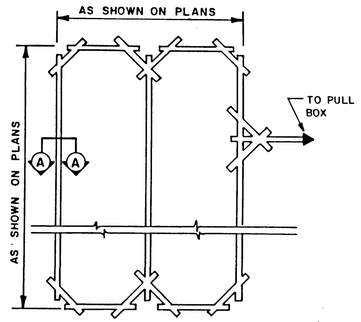
HORIZONTAL MOUNTING DETAIL



PEDESTRIAN SIGNAL

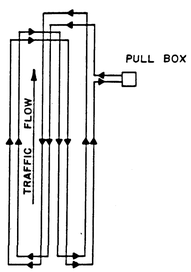


SECTION A-A



NOTE:
ALL LOOP DETECTORS TO BE INDIVIDUALLY WIRED TO THE CONTROLLER. WIRING TO BE SLIDING SLEEVE # 14AWG X HHW STD. WIRING.

TYPICAL ROADWAY LOOP SAWCUT DETAIL



NOTE:
WIRES MUST BE WOUND IN THE DIRECTION SHOWN.

QUADRAPOLE LOOP DETAIL

I, George E. Burroughs, certify the drawing of the "As Built" information are done under my supervision.

NOTE: BID ALTERNATE 'B' - ABOVE GROUND SIGNAL INSTALLATION - NOT PART OF THIS PROJECT

NO SCALE

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
STAKED BY KALKER SURVEY DATE
INSPECTOR'S ACCEPTANCE BY R. BACA DATE 2/6/90
FIELD VERIFICATION BY DATE
CORRECTIONS CORRECTED BY DATE

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

2 6 3 5 7 5 1 7 9 0

JOB NO. 88219.05

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

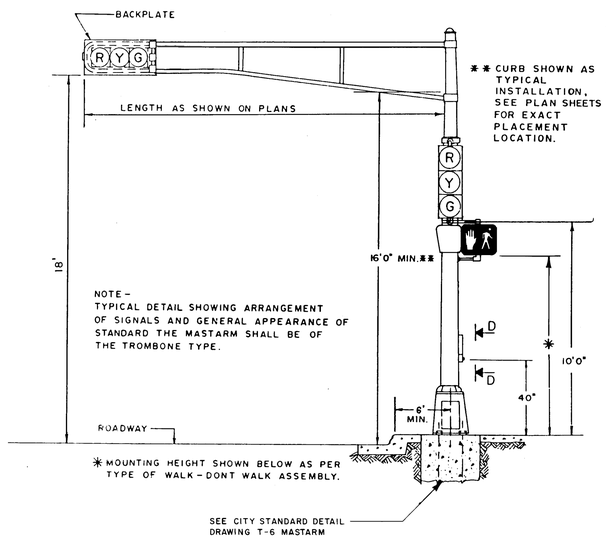
TITLE:
SIGNALIZATION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Roger L. Green	4/11/89	Liquid Waste	N/A	
A C E - Design	"	"	Traffic	Roger L. Green	4/11/89
A C E - Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	17	17

BRUNING 44-232

NOTE -
ALL TRAFFIC HEADS 12 INCH WITH SQUARE DOOR HOUSING.



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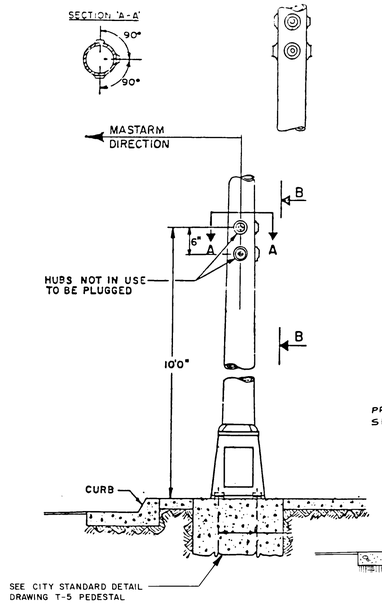
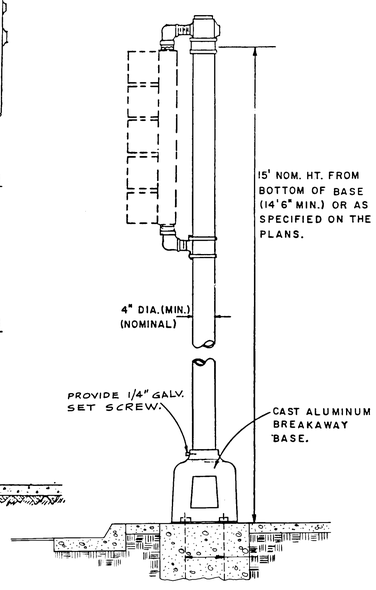


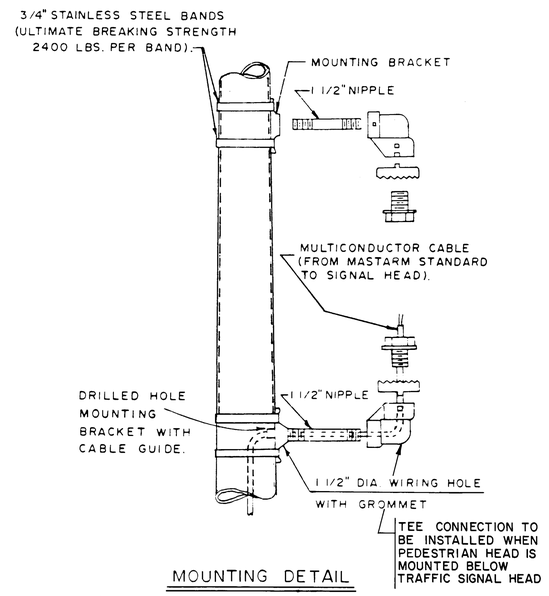
SHAFT OUTLET DETAILS

(TYPE II AND III STANDARDS)



MOUNTING DETAIL

(TOP OF TYPE I STANDARD)



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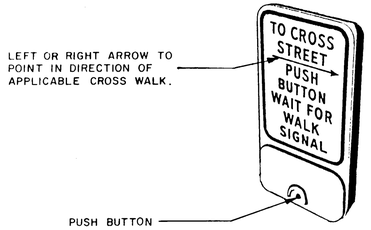
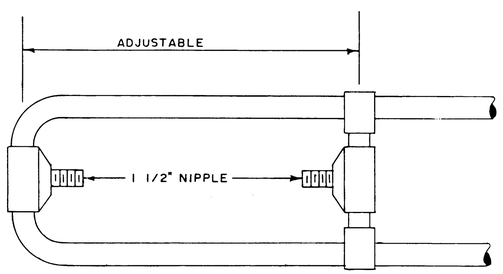
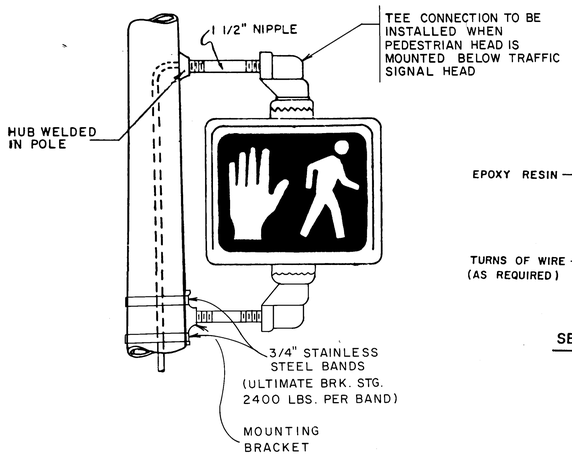


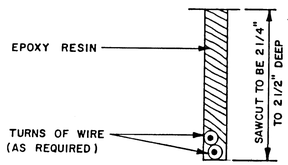
PEDESTRIAN PUSH BUTTON DETAIL



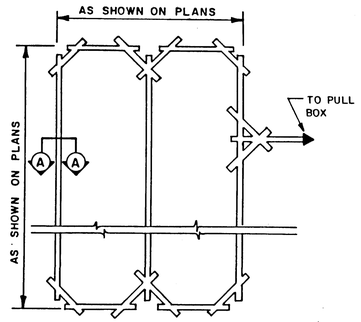
HORIZONTAL MOUNTING DETAIL



PEDESTRIAN SIGNAL



SECTION A-A



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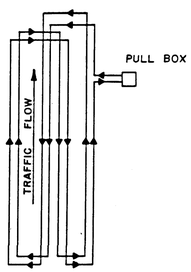

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2 6 3 5 7 5 1 7 9 0

JOB NO. 88219.05

CITY OF ALBUQUERQUE
INFRASTRUCTURE IMPROVEMENTS
MARKET CENTER WEST

TITLE:
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A C E - Design	"	"	Traffic	Roger L. Green	4/11/89
A C E - Hydrology	"	"	Water	N/A	
			N.M. Utilities		4-7-89

DRAWING NO.	MAP NO.	SHEET	OF
3575	C-13	17	17

BRUNING 44-232