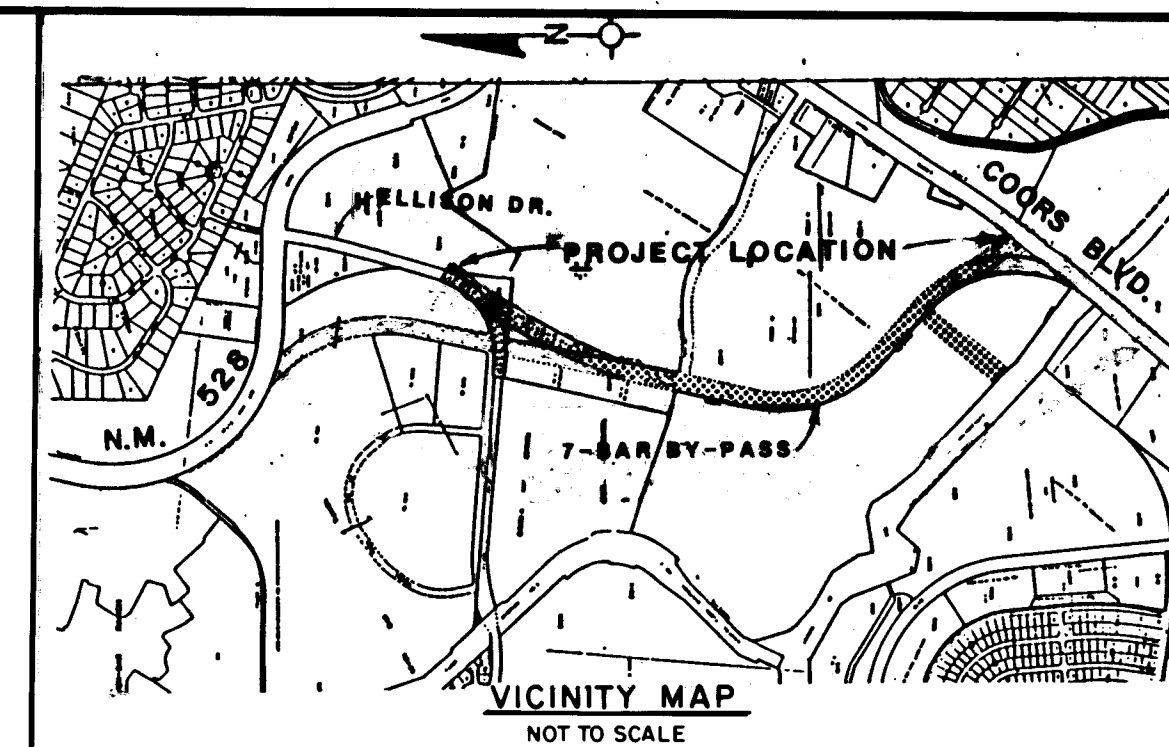


V.T. INC. AUTO PARK OFFSITE INFRASTRUCTURE IMPROVEMENTS



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 INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1985 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.
4. ALL TRAFFIC CONTROL DEVICES USED DURING THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

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.

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-6	PLATS
7	PROJECT LOCATION
8	TYPICAL SECTIONS
9	TEMPORARY CONNECTION TO COORS BLVD. STA. 26+87.68 TO 33+00
9A	7-BAR BYPASS ADDITIONAL CONDITION STA. 24+25 TO STA. 30+50
9B	7-BAR BYPASS ENTRANCE TO AUTO PARK
10	7-BAR BYPASS STA. 33+00 TO 44+00
11	7-BAR BYPASS STA. 44+00 TO 50+25.57 AND TEMPORARY CONNECTION TO ELLISON DRIVE STA. 50+25.57 TO 56+00
12	TEMPORARY CONNECTION TO ELLISON DRIVE STA. 56+00 TO STA. 68+00
12A	PRIVATE DRIVE AT 7-BAR LOOP INTERSECTION LAYOUT
12B	PRIVATE DRIVE AT 7-BAR LOOP INTERSECTION DETAILS
13	TEMPORARY CONNECTION TO ELLISON DRIVE STA. 68+00 TO STA. 76+00
14	TEMPORARY CONNECTION TO ELLISON DRIVE STA. 76+00 TO 87+50.77
15	ELLISON DRIVE CONNECTION STA 4+68.97 TO 10+21.81
16	EAGLE RANCH ROAD STA. 3+30 TO 12+06.84
17	TEMPORARY CONNECTION AT COORS BOULEVARD INTERSECTION
18	7-BAR BYPASS ROAD AT EAGLE RANCH ROAD INTERSECTION
19	TEMPORARY CONNECTION AT ELLISON DRIVE INTERSECTION
20	TEMPORARY CONNECTION TO COORS AND 7-BAR BYPASS GRADING PLAN - STA. 26+87.68 TO STA. 44+00
21	7-BAR BYPASS AND TEMPORARY CONNECTION TO ELLISON DRIVE GRADING PLAN - STA. 44+00 TO STA. 68+00
22	TEMPORARY CONNECTION TO ELLISON DRIVE GRADING PLAN STA. 68+00 TO 87+50.77
23	EAGLE RANCH ROAD GRADING PLAN STA 3+30 TO 12+06.84
24	STORM DRAIN - STA. 1+22.93 TO 5+13.93
25	STORM DRAIN - STA. 25+74.04 TO 32+00
26	STORM DRAIN - STA. 32+00 TO 44+00
27	STORM DRAIN - STA. 44+00 TO 49+28.53
28-29	STORM DRAIN - OUTLET STRUCTURE DETAILS
30	STORM DRAIN STRUCTURE AT CALABACILLAS ARROYO
31	MISCELLANEOUS DETAILS
32	TRAFFIC CONTROL PLAN
33-48	7-BAR BYPASS AND TEMPORARY CONNECTION CROSS-SECTIONS

TOTAL SHEETS = 52

NOTE:
STORM SEWER + CURB PAVING (CITY)
WATER SANITARY SEWER (PRIVATE NEW MEXICO UTILITIES) P.V.C.
CONTR: J.P. HALE
INSP: JERRY JOHANSON
SURVEYOR: BOHANNAN-HUSTON

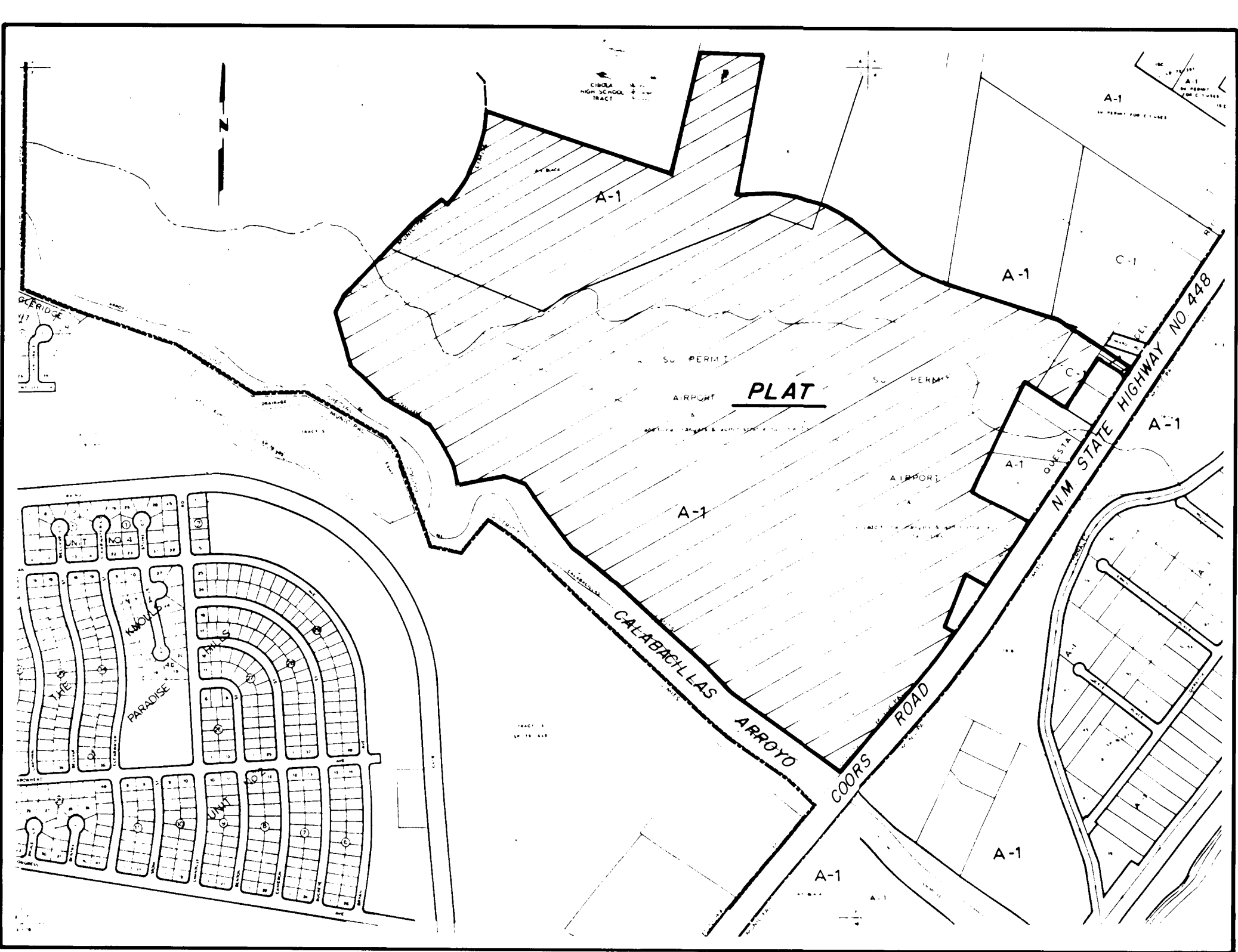
APPROVED AS SHOWN
11-16-87

26 30400187

REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
1	1, 2, 12A, 12B, 13	[Signature]		David W. Hansen		7/13/87			
2	1, 90	[Signature]		David W. Hansen		7/13/87			

APPROVAL OF REVISIONS

 BOHANNAN - HUSTON INC. ALBUQUERQUE - SANTA FE - EL PASO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION 3/20/87 C.E.
	PROJECT NUMBER 3040



VICINITY MAP

GENERAL NOTES

- 1. Bearings are grid and based on the New Mexico State Plane Coordinate System, Central Zone, and related to grid at the New Mexico State Highway Commission Monument "NM-448-N12".
- 2. Delta Alpha = -00k 13' 46"
- 3. Distances are ground.
- 4. Distances along curved lines are arc lengths.
- 5. Combined ground to grid factor = 0.99967595
- 6. All corners are a 5/8" rebar and curvexp stamped "HUGG LS 5823" unless otherwise indicated.
- 7. Miles of full width streets created = 1.0308
- 8. Zone Atlas Pages B-13 and B-14

ACKNOWLEDGEMENT

STATE OF NEW MEXICO SS COUNTY OF SANDOVAL On this 4 day of July, 1986, before me the undersigned, a Notary Public, personally appeared Garry P. Hugg, to me known to be New Mexico Professional Land Surveyor Number 5823, who acknowledged to me that he signed and sealed the accompanying Surveyors Certification as his free and voluntary act and deed.

Notary Public DONNA R. HUGG OFFICIAL SEAL DONNA R. HUGG NOTARY PUBLIC, STATE OF NEW MEXICO My Commission Expires 02/28/89

NOTE: This buffer strip located west of the Coors Boulevard By-Pass N.W. per the Seven Bar Ranch Sector Development Plan will be dedicated by a subsequent subdivision plat to the City of Albuquerque for purposes of locating open space and/or a Park and Ride on the property. A 40' access right of way, not including construction or improvement cost, will be provided for no compensation, between the Park and Ride and Seven Bar Loop Road through Parcel K of the property. The City and AMARA with reference to drainage may require and/or permit easement to be added, modified or removed when final plans are approved.

APPROVAL

By its approval of this plat, the City makes no representation or warranty as to the utility status of the plat. The City makes no representation or warranty as to the utility status of the plat. The City makes no representation or warranty as to the utility status of the plat.

TRACTS N-1, N-2 AND H-1 SEVEN-BAR RANCH CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO JULY, 1986

- APPROVALS Robert A. Traugh 10-7-86 Traffic Engineer, City of Albuquerque Public Works Department
- Chief City Surveyor, City of Albuquerque Public Works Department 100666
- Jon E. Eitgaard 10-7-86 Utility Development Division, City of Albuquerque Public Works Department
- Richard E. Lemare 10/21/86 Albuquerque Metropolitan Arroyo Flood Control Authority
- Frank J. Aguirre 11/9/86 City Engineer, City of Albuquerque Public Works Department
- Rosei Shull 11-10-86 Property Management, City of Albuquerque
- Pat + Jean 10-7-86 Parks and Recreation Department, City of Albuquerque
- APPROVAL AND ACCEPTANCE as specified by the Albuquerque Subdivision Ordinance
- Rubén D. Dávila 11-12-86 Chairman, Albuquerque/Bernalillo County Development Review Board

5-86-53 BK No. 418A Pg 32-33

SURVEYORS CERTIFICATION I, Garry P. Hugg, New Mexico Professional Land Surveyor Number 5823, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my supervision; that it meets the Standards for Land Surveys in New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Land Surveyors; that it shows all easements of record; that it meets the minimum requirements for record; and that it is true and correct to the best of my knowledge and belief.

Garry P. Hugg Notary Public DONNA R. HUGG OFFICIAL SEAL DONNA R. HUGG NOTARY PUBLIC, STATE OF NEW MEXICO My Commission Expires 02/28/89

SHEET 1 OF 7 Hugg surveying-co. 1700 Grand Ave. S.E. Albuquerque, New Mexico 87104 Phone: 255-1400

LEGAL DESCRIPTION That certain parcel of land situate within the Town of Alameda Grant in Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, comprising an unsplit portion of said projected Section 7, and all of Tract H, Seven-Bar Ranch, as the same is shown and designated on the plat entitled "SUMMARY PLAT, SEVEN-BAR RANCH (FOR ANNEXATION)", filed in the office of the County Clerk of Bernalillo County, New Mexico, on August 11, 1983, in Volume C21, folio 191; Thence, Southeasterly along the Southeasterly line of said Alameda West and said Northerly line of said Arroyo de las Calabacillas on the following fifteen (15) courses:

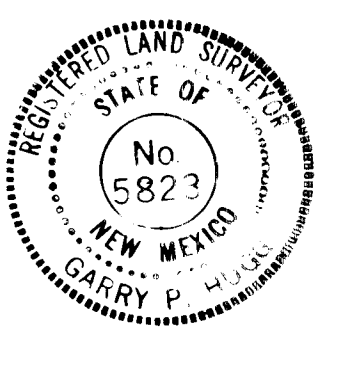
- S 12° 19' 46" W, 1509.79 feet to a point of curvature; Thence, Southeasterly . 39.27 feet on the arc of a curve to the left (said curve having a radius of 23.00 feet and a chord which bears S 32° 40' 14" E, 35.36 feet) to a point of tangency; Thence, S 77° 40' 14" E, 67.00 feet to a point of curvature; Thence, Southeasterly . 287.10 feet on the arc of a curve to the left (said curve having a radius of 1102.13 feet and a chord which bears S 85° 08' 00" E, 286.29 feet) to a point of tangency; Thence, N 87° 24' 14" E, 201.84 feet to a point of curvature; Thence, Southeasterly . 711.02 feet on the arc of a curve to the right (said curve having a radius of 843.00 feet and a chord which bears S 88° 25' 54" E, 690.13 feet) to a point of tangency; Thence, S 44° 16' 00" E, 100.00 feet to a point of curvature; Thence, Southeasterly . 422.44 feet on the arc of a curve to the left (said curve having a radius of 877.54 feet and a chord which bears S 58° 03' 30" E, 418.38 feet) to a point of tangency; Thence, S 71° 50' 57" E, 158.52 feet to the Southwest corner of Alameda West, as the same is shown and designated on the plat entitled "ALAMEDA WEST, TOWN OF ALAMEDA GRANT, SECTION 8, TOWNSHIP 11 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, BERNALILLO COUNTY, NEW MEXICO", filed in the office of the County Clerk of Bernalillo County, New Mexico, on August 11, 1983, in Volume C21, folio 191; Thence, Southeasterly along the Southeasterly line of said Alameda West and said Northerly line of said Arroyo de las Calabacillas on the following four (4) courses:

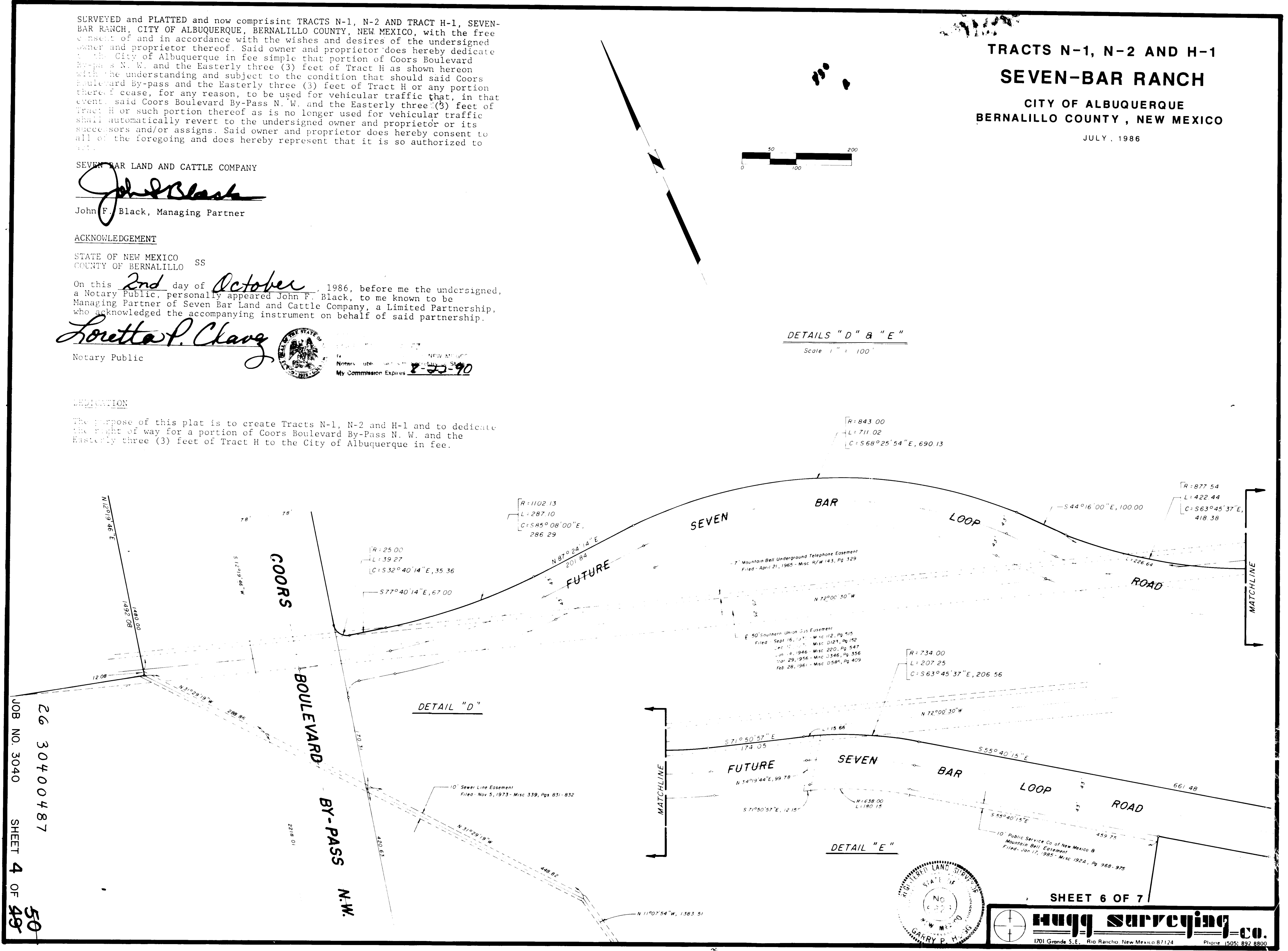
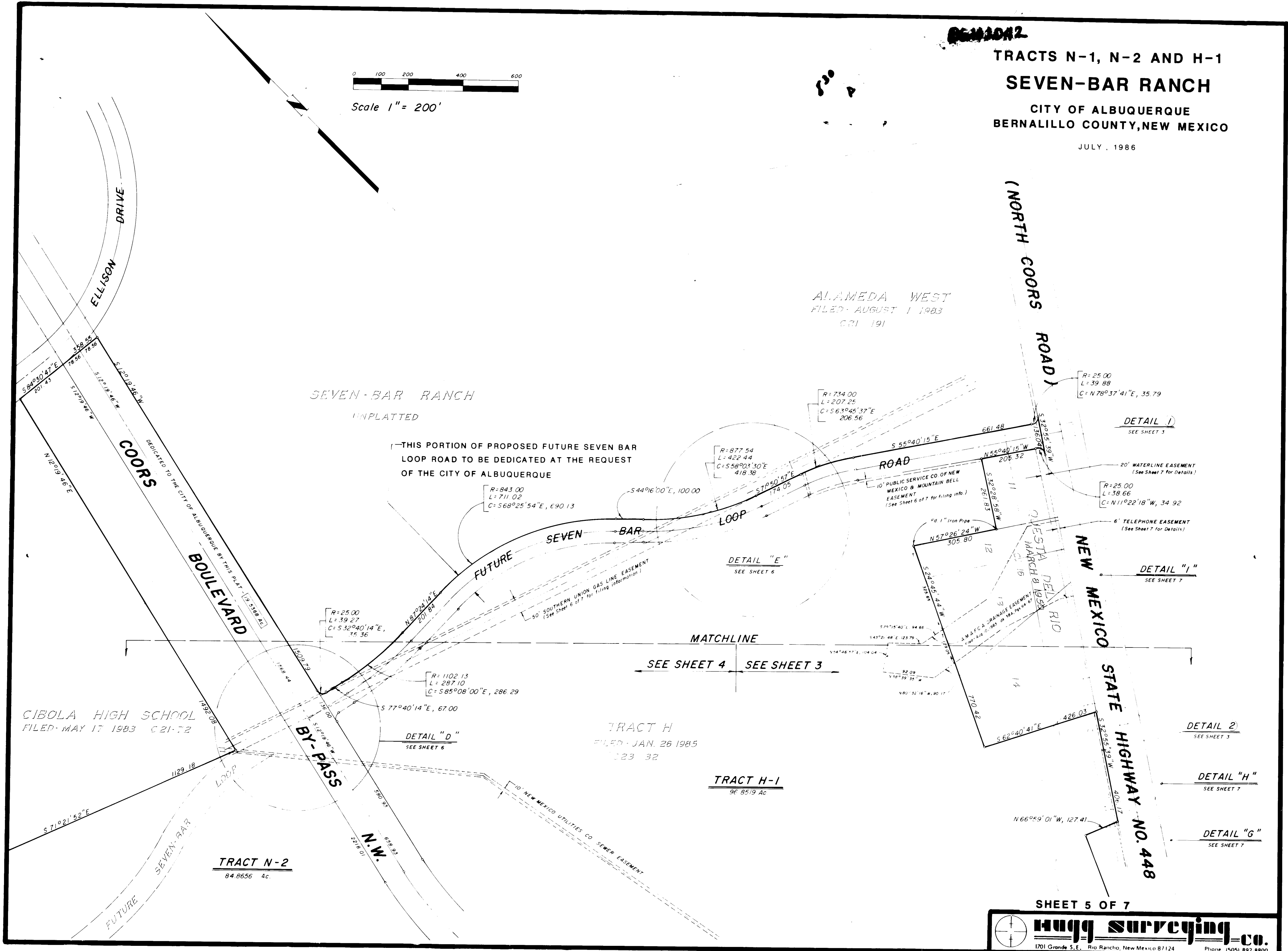
TRACTS N-1, N-2 AND H-1 SEVEN-BAR RANCH CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO JULY, 1986

- S 71° 50' 57" E, 15.53 feet to a point of curvature; Thence, Southeasterly . 207.25 feet on the arc of a curve to the right (said curve having a radius of 734.00 feet and a chord which bears S 63° 45' 30" E, 206.56 feet) to a point of tangency; Thence, S 55° 40' 15" E, 661.48 feet to a point of curvature; Thence, Northerly . 39.88 feet on the arc of a curve to the left (said curve having a radius of 23.00 feet and a chord which bears N 78° 37' 41" E, 35.79 feet) to a point on said Westerly right of way line of New Mexico State Highway No. 448 and the Northeast corner of the parcel herein described; Thence, S 32° 55' 39" W, 136.04 feet along said Westerly right of way line of New Mexico State Highway No. 448 to a point on curve; Thence, Northwesterly . 38.66 feet on the arc of a curve to the left (said curve having a radius of 23.00 feet and a chord which bears N 11° 22' 18" W, 34.92 feet) to a point of tangency; Thence, N 55° 40' 15" W, 205.32 feet to a point on the Westerly line of Lot 10, Questa Del Rio Subdivision, as the same is shown and designated on the plat entitled "QUESTA DEL RIO SUBDIVISION, A SUBDIVISION WITHIN THE TOWN OF ALAMEDA GRANT, BERNALILLO COUNTY, NEW MEXICO", filed in the office of the County Clerk of Bernalillo County, New Mexico, on March 8, 1950, in Volume C1, folio 16; Thence, Southwesterly and Southeasterly along the Westerly line of said Questa Del Rio Subdivision and the Easterly line of said Tract H on the following four (4) courses:

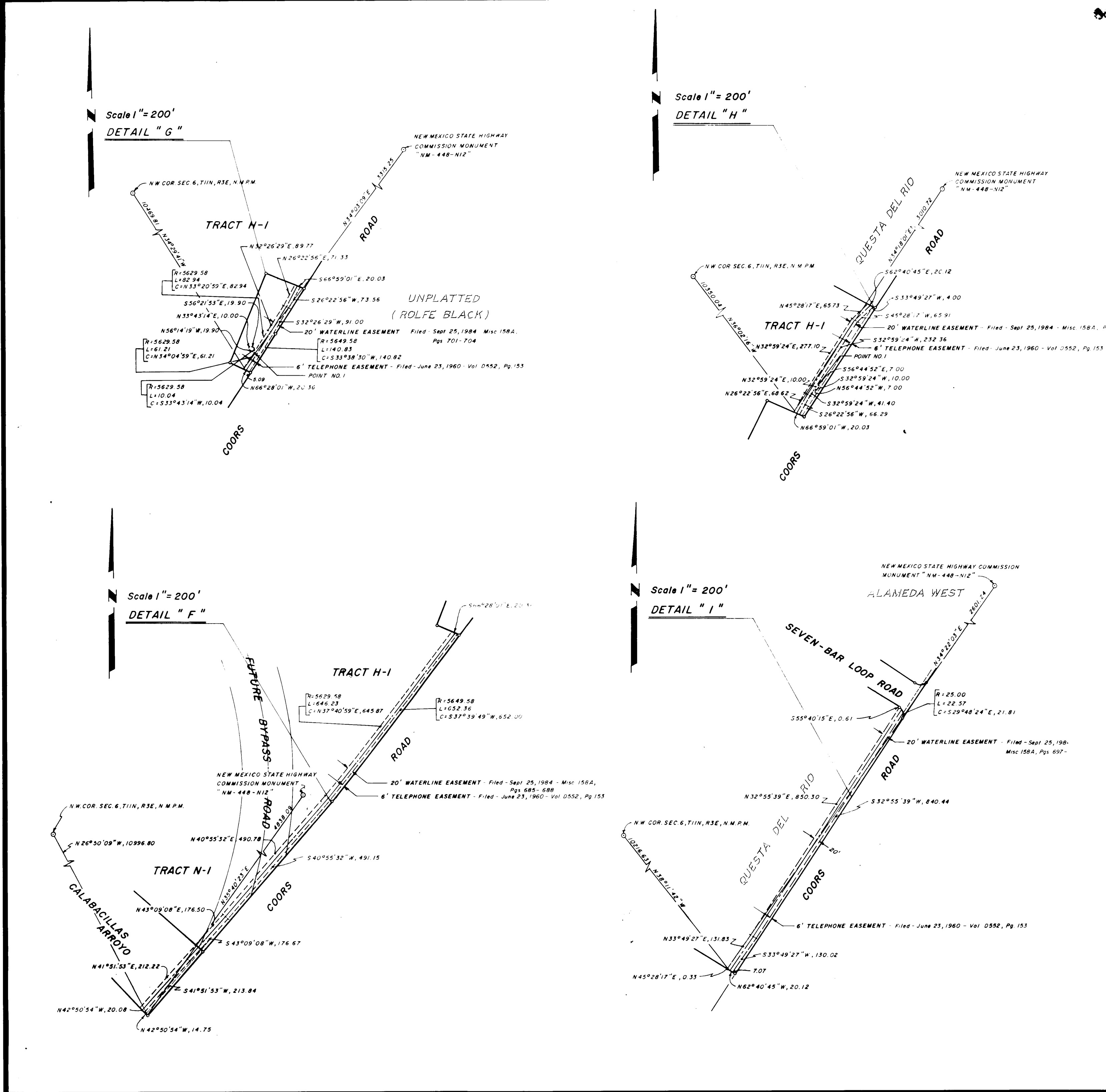
SHEET 2 OF 7 Hugg surveying-co. 1700 Grand Ave. S.E. Albuquerque, New Mexico 87104 Phone: 255-1400

26 3040287 SHEET 2 OF 29



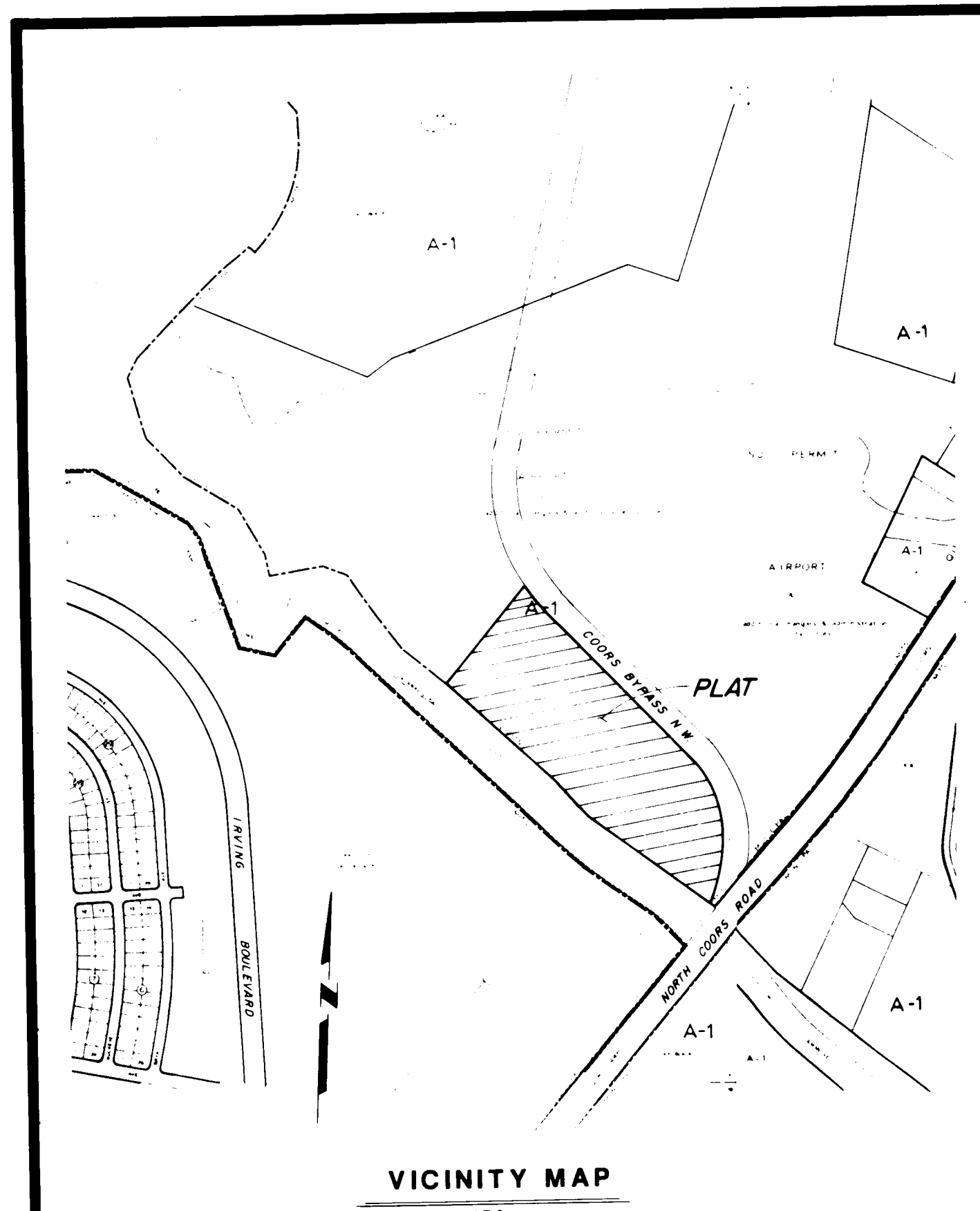


8011092
TRACTS N-1, N-2 AND H-1
SEVEN-BAR RANCH
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 JULY, 1986



SHEET 7 OF 7
Hugg Surveying Co.
 190 Grande S.E., Rio Rancho, New Mexico 87124 Phone 1005-892-8800

U.C.L.S. LOG NO. 07-31-2906



LEGAL DESCRIPTION

That certain parcel of land situate within the Town of Alameda Grant in projected Sections 7 and 8, Township 11 North, Range 3 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, comprising Tract N-1, Seven-Bar Ranch, as the same is shown and designated on the plat entitled "TRACTS N-1, N-2 AND H-1, SEVEN-BAR RANCH, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO", filed in the office of the County Clerk of Bernalillo County, New Mexico, on November, 13, 1986, in Volume C32, folio 16, more particularly described as follows:

BEGINNING at the Southeast corner of said Tract N-1, a point on the Westerly right of way line of Coors Boulevard By-Pass N. W.; said point also being a point on the Northerly line of the Arroyo De Las Calabacillas, as the same is shown and designated on the plat entitled "SUMMARY PLAT, SEVEN-BAR RANCH (FOR ANNEXATION)", filed in the office of the County Clerk of Bernalillo County, New Mexico, on June 8, 1981, in Volume C18, folio 96, whence (1) the Northwest corner of projected Section 6, Township 11 North, Range 3 East (an existing 1-1/2" iron pipe in place) bears N 28° 04' 54" W, 10895.30 feet distant, and (2) New Mexico State Highway Commission Monument "NM-448-112" bears N 35° 27' 37" E, 4579.95 feet distant; Thence Northwesterly along the Southerly line of said Tract N-1 and the Northerly line of said Arroyo De Las Calabacillas on the following six (6) courses,

N 53° 44' 10" W, 854.57 feet to a point; Thence,
 N 32° 13' 38" W, 64.92 feet to a point; Thence,
 N 41° 48' 37" W, 150.72 feet to a point; Thence,
 N 46° 36' 18" W, 707.92 feet to a point; Thence,
 N 50° 24' 08" W, 421.50 feet to a point; Thence,
 N 37° 56' 38" W, 175.00 feet to the Southwest corner of said Tract N-1; Thence,
 N 48° 47' 44" E, 1000.60 feet to the Northwest corner of said Tract N-1, a point on curve on said Westerly right of way line of Coors Boulevard By-Pass N. W.; Thence Southeasterly along said Westerly right of way line of Coors Boulevard By-Pass N. W. and the Easterly line of said Tract N-1 on the following three (3) courses,
 Southeasterly • 596.63 feet on the arc of a curve to the left (said curve having a radius of 1224.00 feet and a chord which bears S 35° 03' 51" E, 590.74 feet) to a point of tangency; Thence,
 S 49° 01' 42" E, 604.83 feet to a point of curvature; Thence,
 Southeasterly • 1478.23 feet on the arc of a curve to the right (said curve having a radius of 1088.00 feet and a chord which bears S 09° 22' 35" E, 1363.03 feet) to a point on curve and the Southwest corner and point of beginning of the parcel herein described.

Said parcel contains 42.7392 acres, more or less.

TRACTS N-1A AND N-1B
SEVEN-BAR RANCH
 CITY OF ALBUQUERQUE
 BERNALILLO COUNTY, NEW MEXICO
 JULY, 1986

APPROVALS

Robert A. Penning 11-12-86
 Traffic Engineer, City of Albuquerque
 Public Works Department Date

Chief City Surveyor, City of Albuquerque Date
 Public Works Department

Jon E. Entgaard 11-12-86
 Utility Development Division, City of Albuquerque
 Public Works Department Date

Albuquerque Metropolitan Arroyo Flood Control Authority Date

City Engineer, City of Albuquerque Date
 Public Works Department

Property Management, City of Albuquerque Date
 Parks and Recreation Department, City of Albuquerque Date

APPROVAL as specified by the Albuquerque Subdivision Ordinance.

Chairman, Albuquerque/Bernalillo County Development Review Board Date

APPROVAL

J. E. Williams
 New Mexico Utilities, Inc. Date

NOTE: These properties are within the New Mexico Utilities, Inc. ("NMU, Inc.") franchise area. Water and sanitary sewer system capabilities are shown on the NMU, Inc. facilities, not the City of Albuquerque. Water and sanitary sewer infrastructure improvements must, however, be approved by both the City of Albuquerque and NMU, Inc.

GENERAL NOTES

- Bearings are grid and based on the New Mexico State Plane Coordinate System, Central Zone, and related to grid at the New Mexico State Highway Commission Monument "NM-448-112".
- Distances are ground.
- Distances along curved lines are arc lengths.
- Delta Alpha = -00° 13' 46"
- Combined ground to grid factor = 0.99967595
- All corners are a 5/8" rebar and survcap stamped "HUGG LS 5823" unless otherwise indicated
- Mileage of full width streets created 0.1696 miles

SURVEYED AND REPLATTED and now comprising TRACTS N-1A AND N-1B, SEVEN-BAR RANCH, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, with the free consent of and in accordance with the wishes and desires of the undersigned owner(s) and proprietor(s) thereof. Said owner(s) and proprietor(s) do hereby dedicate to the City of Albuquerque in fee simple all streets and public areas shown hereon and do hereby grant all easements shown hereon to the use of the public forever, including the right of ingress and egress (both surface and subsurface). Said owner(s) and proprietor(s) do hereby freely consent to all of the foregoing and do hereby represent that they are so authorized to act.

V. T. INC., a Missouri corporation
Cecil Van Tuijl
 Cecil Van Tuijl, President

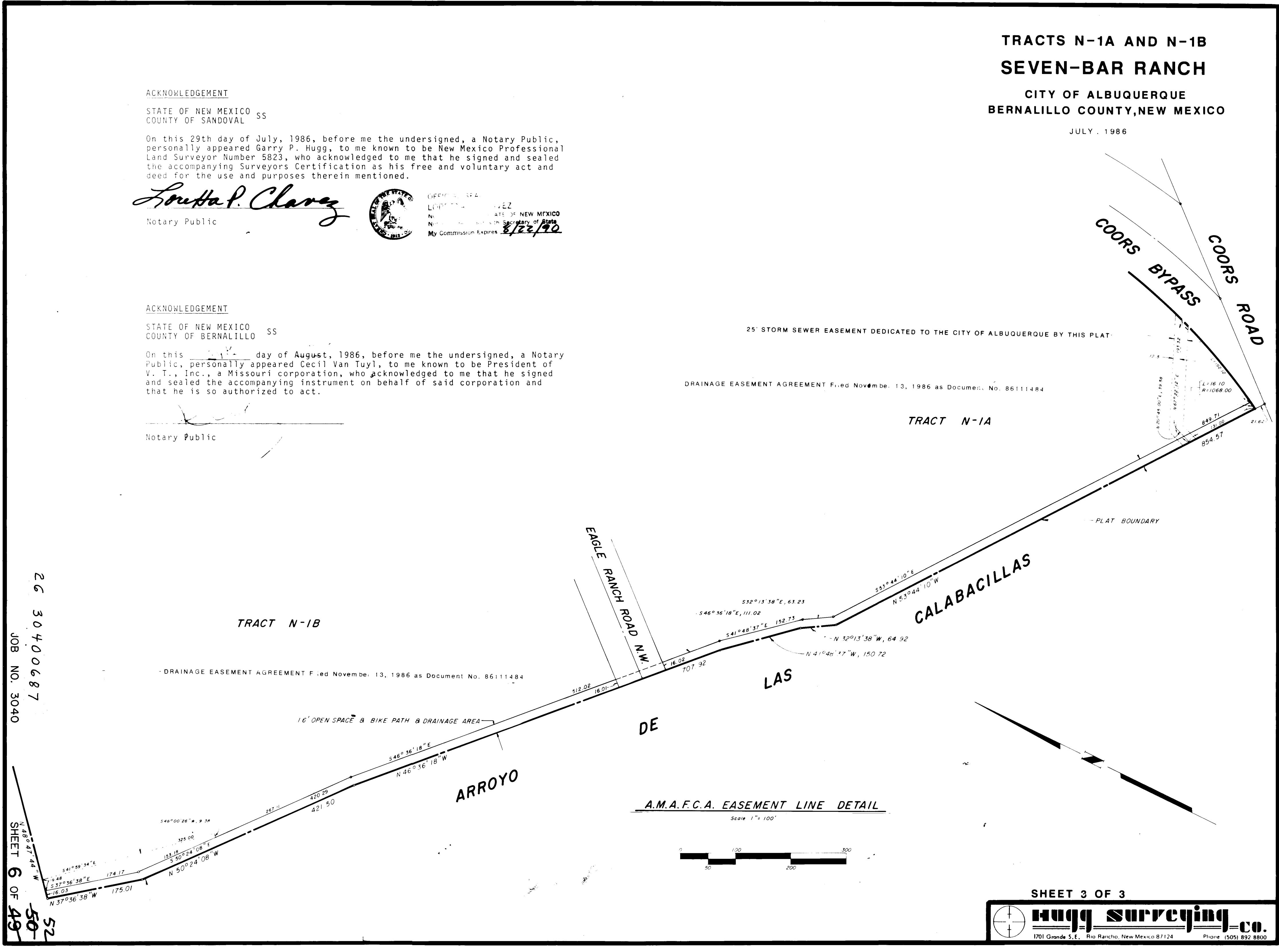
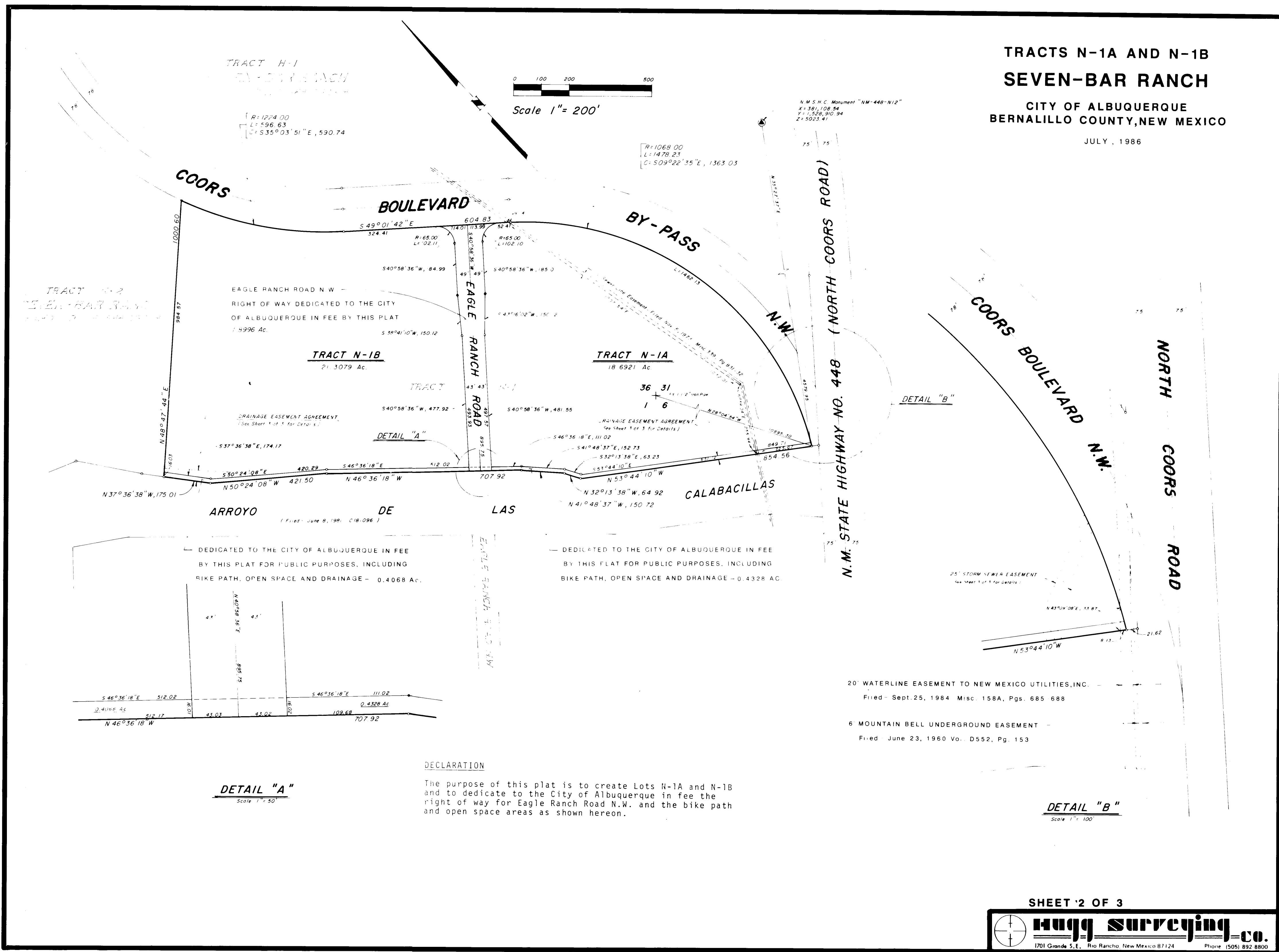
SURVEYORS CERTIFICATION

I, Garry P. Hugg, New Mexico Professional Land Surveyor Number 5823, hereby certify that this plat of survey was prepared from field notes of an actual ground survey performed by me or under my supervision; that it meets the Standards for Land Surveys in New Mexico as adopted by the New Mexico State Board of Registration for Professional Engineers and Land Surveyors; that it shows all easements of record; that it meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance; and that it is true and correct to the best of my knowledge and belief.

Garry P. Hugg
 Garry P. Hugg
 NMPLS No. 5823
 July 29, 1986


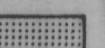
26 30400587
 JOB NO. 3040
 SHEET 5 OF 48
 52
 50
 48
 ZONE ATLAS PAGE B-14

SHEET 1 OF 3
Hugg Surveying Co.
 190 Grande S.E., Rio Rancho, New Mexico 87124 Phone 1005-892-8800






LEGEND

 TEMPORARY PAVEMENT
 ARTERIAL PAVEMENT

1 2 3 4 5 6 7 8 9 10 11 12
 26 30400787
 SCALE: 1" = 500'

 CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
 PROJECT LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/5/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A.C.E. - Design	<i>[Signature]</i>	11	Traffic	<i>[Signature]</i>	2/27/87
A.C.E. - Hydrology	<i>[Signature]</i>	2/25/87	Water	<i>[Signature]</i>	2-11-87

DRAWING NO. 3040 MAP NO. B-13 SHEET 7 OF 49

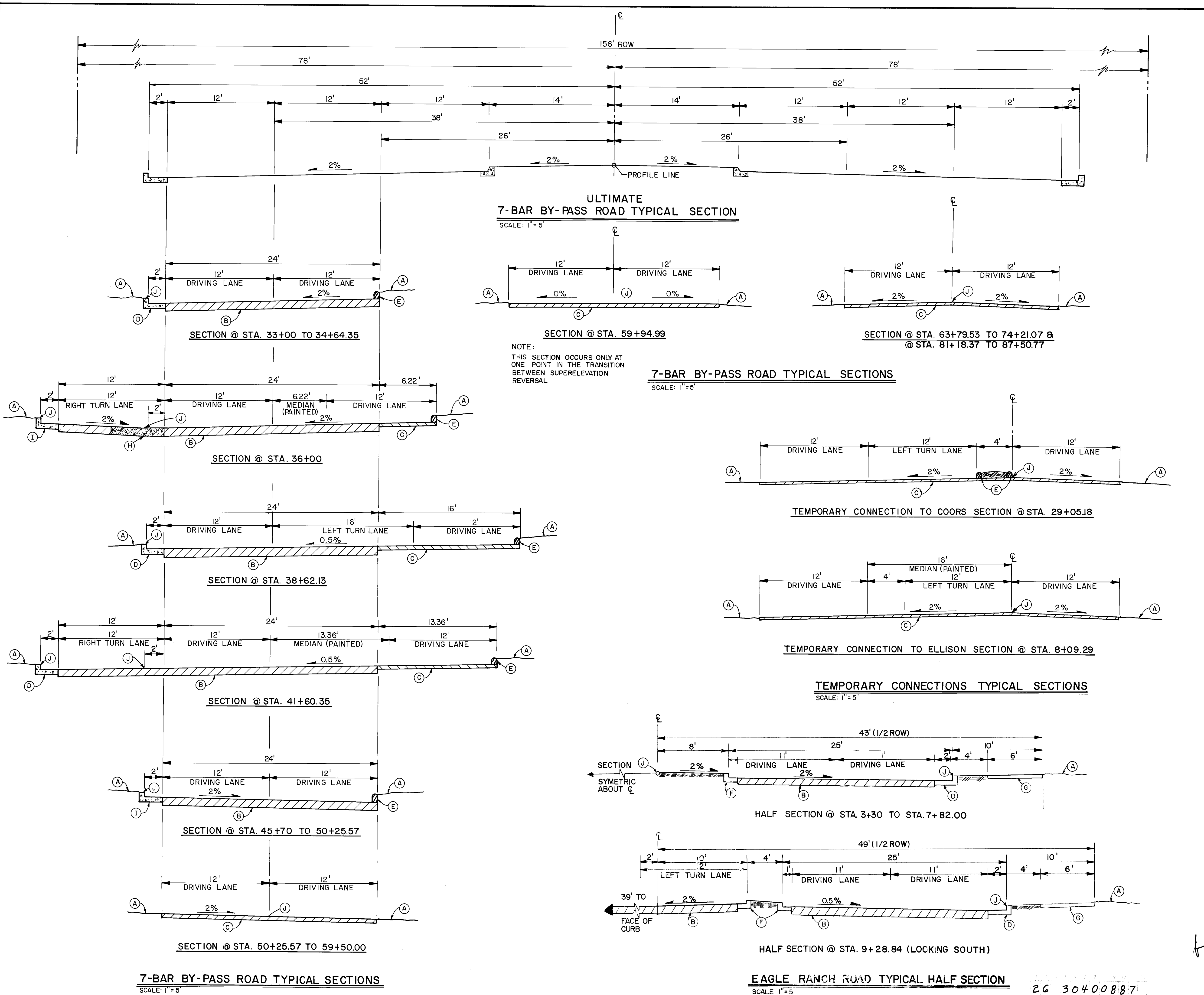
SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	ACS STATION I-B13 ELEV. 5045.088	CONTRACTOR	DATE
			BRASS TABLET SET IN TOP OF A	WORKED BY	DATE
			CONCRETE POST, LOCATED 170	INSPECTOR'S ACCEPTANCE BY	DATE
			FEET SW. OF THE JUNCTION OF	VERIFICATION BY	DATE
			COORS RD. N.W. AND IRVING	DRAWINGS	DATE
			BLVD. N.W.	SUBMITTED BY	DATE
				RECORDED BY	DATE
				NO.	

ENGINEER'S SEAL
[Signature]
 2-4-87

NO.	DATE	REMARKS	BY

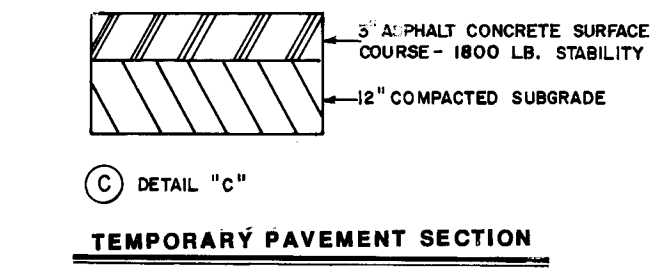
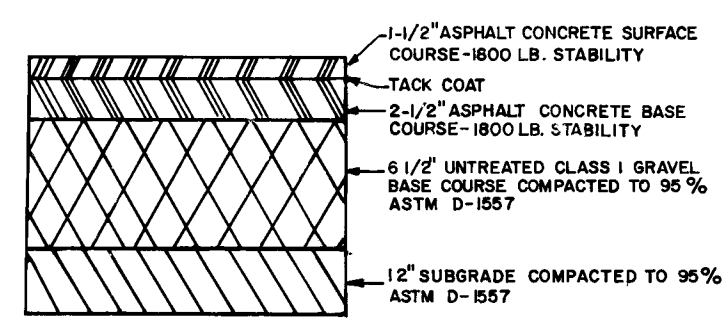
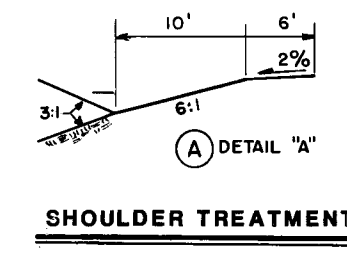
DESIGNED BY	DATE	CHECKED BY	DATE

50
52



KEY NOTES

- (A) SEE DETAIL A - TYPICAL SHOULDER TREATMENT UNLESS SHOWN OTHERWISE IN SITE GRADING PLAN.
- (B) SEE DETAIL B - BUILD ARTERIAL PAVEMENT (CITY STANDARD).
- (C) SEE DETAIL C - BUILD TEMPORARY PAVEMENT.
- (D) BUILD CITY STANDARD CONCRETE CURB AND GUTTER.
- (E) BUILD CITY STANDARD ASPHALT CURB.
- (F) BUILD CITY STANDARD CONCRETE MEDIAN CURB.
- (G) BUILD CITY STANDARD CONCRETE SIDEWALK.
- (H) BUILD CITY STANDARD CONCRETE VALLEY GUTTER.
- (I) BUILD CITY STANDARD CONCRETE CURB AND GUTTER WITH DEPRESSED GUTTER.
- (J) PROFILE POINT.



NOTES

- 1 ALL ROADWAY STRIPING IS TO BE DONE BY THE CITY OF ALBUQUERQUE.
- 2 THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING / OPERATIONS 7 DAYS, PRIOR TO THE COMPLETION OF THE PROJECT TO MAKE ARRANGEMENTS FOR FINAL STRIPING.
- 3* SIDEWALK TO BE CONSTRUCTED IN ACCORDANCE WITH SEPERATE LANDSCAPING PLANS.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	CONCRETE POST LOCATED I TO	DATE	NO.	BY	NO.	DATE
WORK BY	INSPECTORS	ACCEPTANCE BY	DATE	FIELD NOTES	REVISIONS	DESIGNED BY	DATE
VERIFICATION BY	DATE	DATE	DATE		DESIGN	DRAWN BY	DATE
DRAWINGS BY	DATE	COORS RD. N.W. AND IRVING BLVD. N.W.				CHECKED BY	DATE
MICRO-FILM INFORMATION	RECORDED BY						
	NO.						

Blair Smith
2-4-87

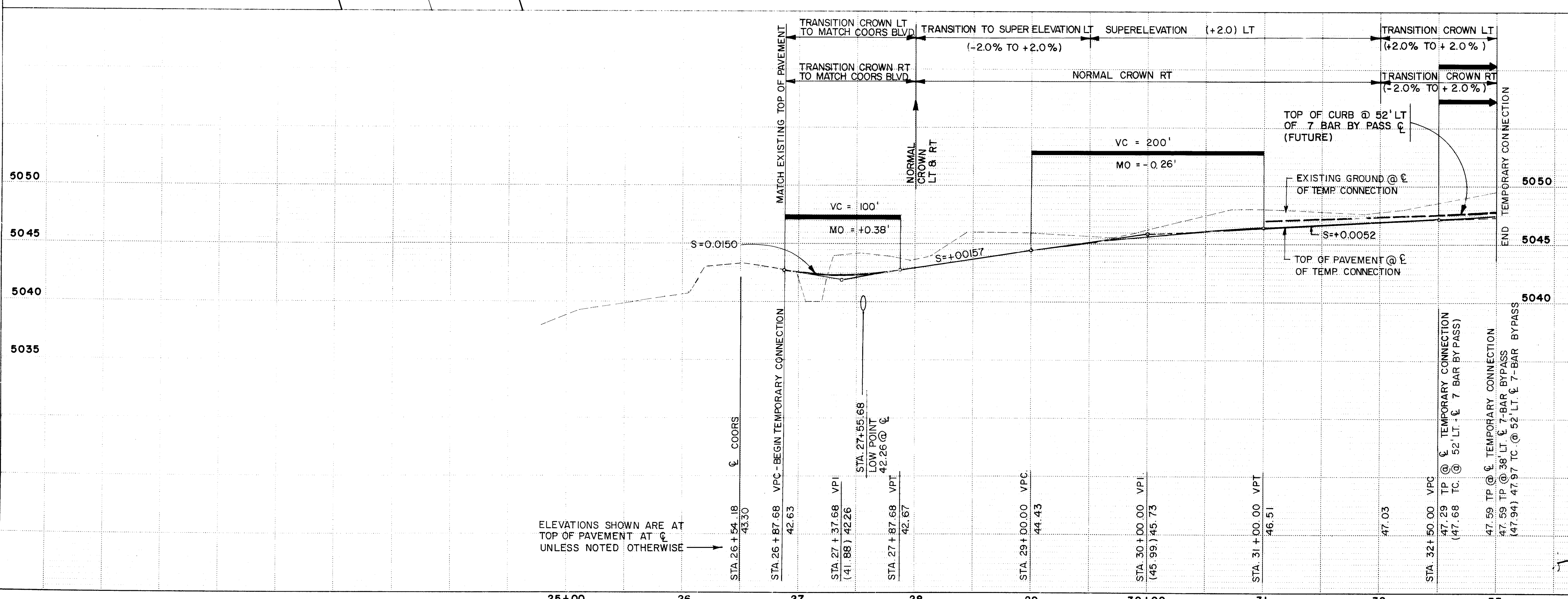
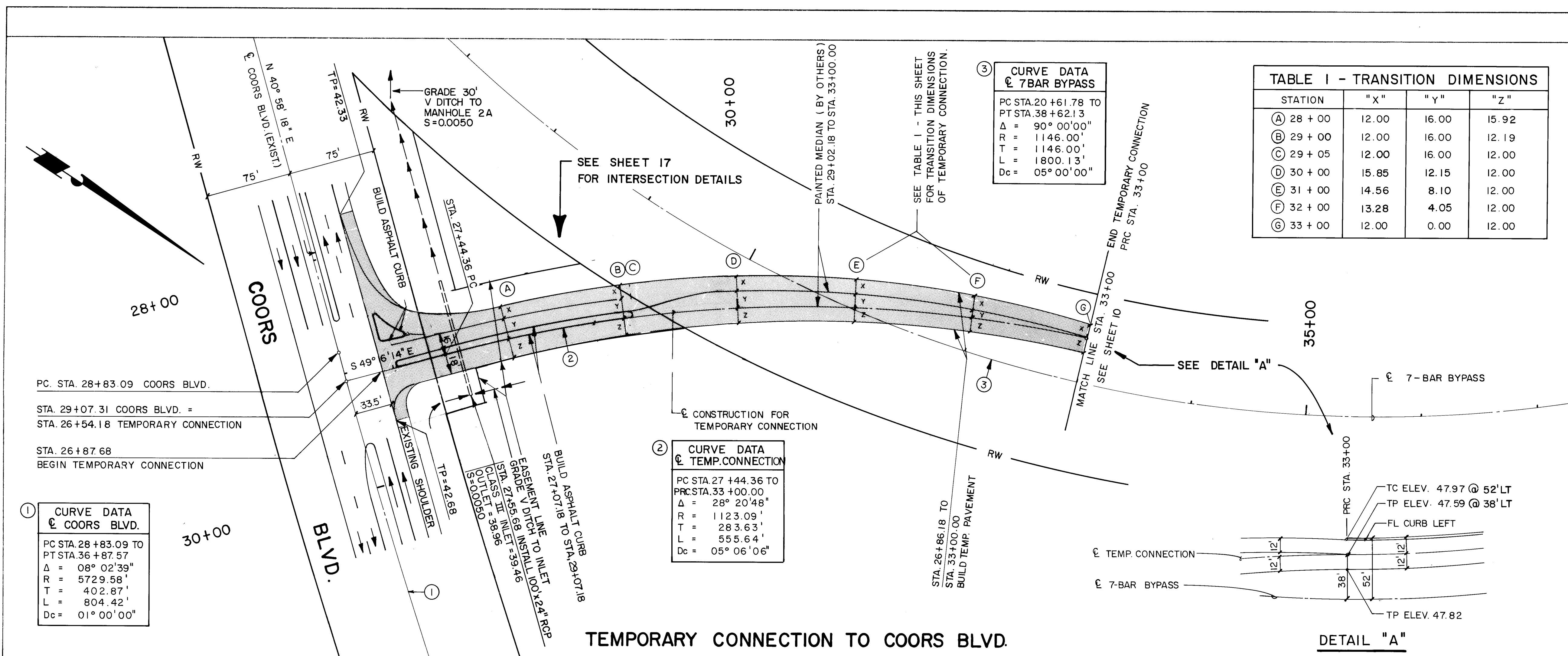
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
**7-BAR BY-PASS ROAD
TYPICAL SECTIONS**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/5/87	Liquid Waste	W/W	2-11-87
A.C.E. Design	<i>[Signature]</i>	4	Traffic	<i>[Signature]</i>	3/27/87
A.C. E.-Hydrology	<i>[Signature]</i>	2/27/87	Water	W/W	2-11-87

DRAWING NO.	3040	MAP NO.	B-13	SHEET	8	OF	48
-------------	------	---------	------	-------	---	----	----

26 30400887



AS BUILT INFORMATION

NO.	BY	DATE	NO.	BY	DATE

ENGINEER'S SEAL

[Signature]
2-24-87

REVISIONS

NO.	DATE	REMARKS

DESIGNED BY _____ **DATE** _____

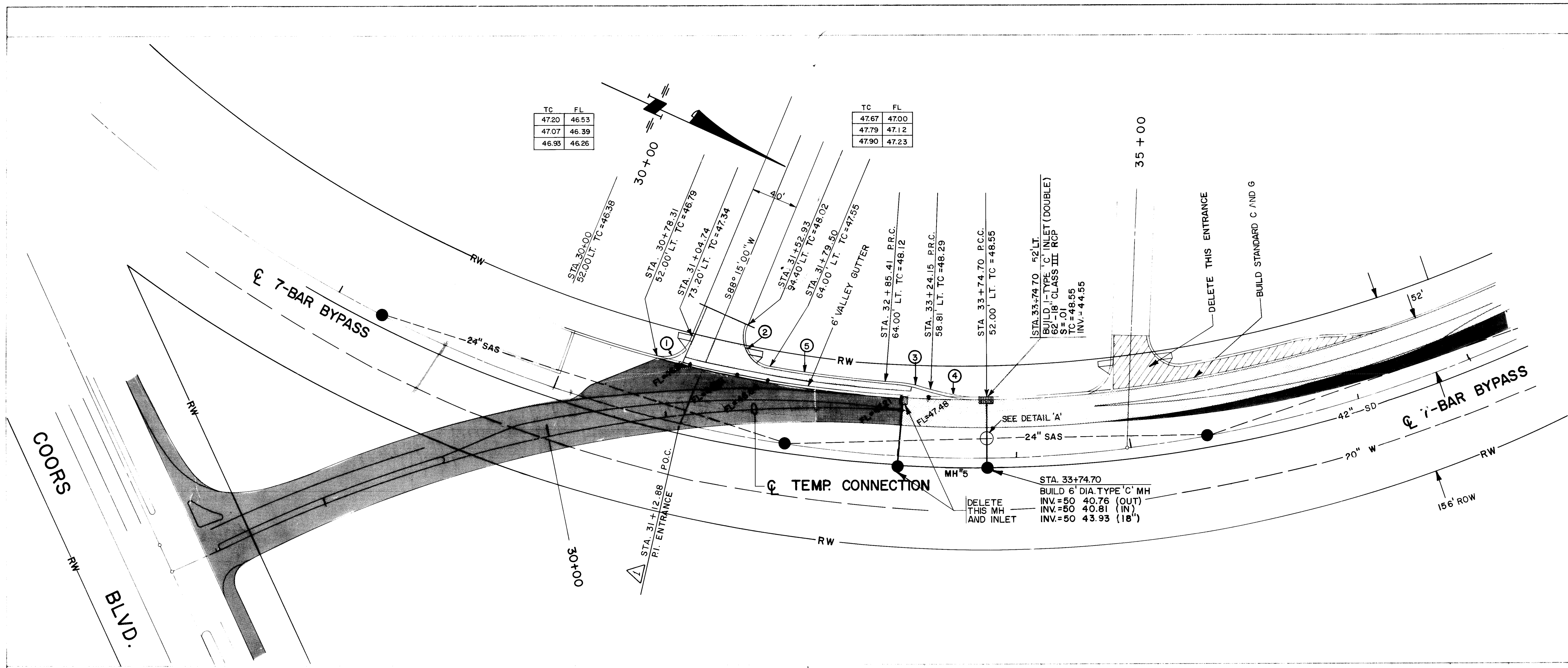
DRAWN BY _____ **DATE** _____

CHECKED BY _____ **DATE** _____

DRAWING NO. 3040 **MAP NO.** B-13 **SHEET** 9 **OF** 49

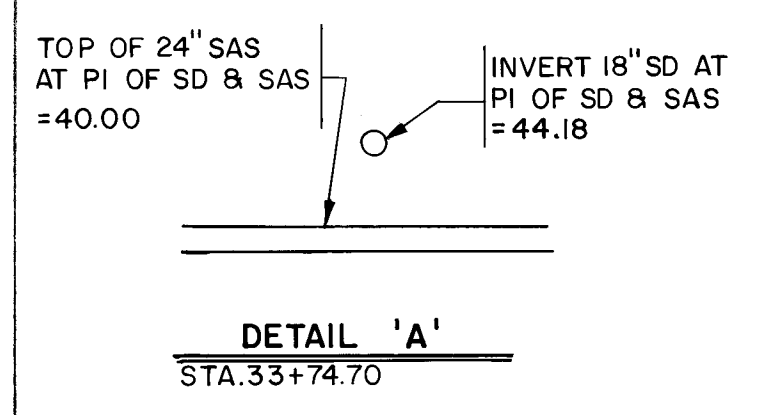
50
52

BRUNING 44 132 62236

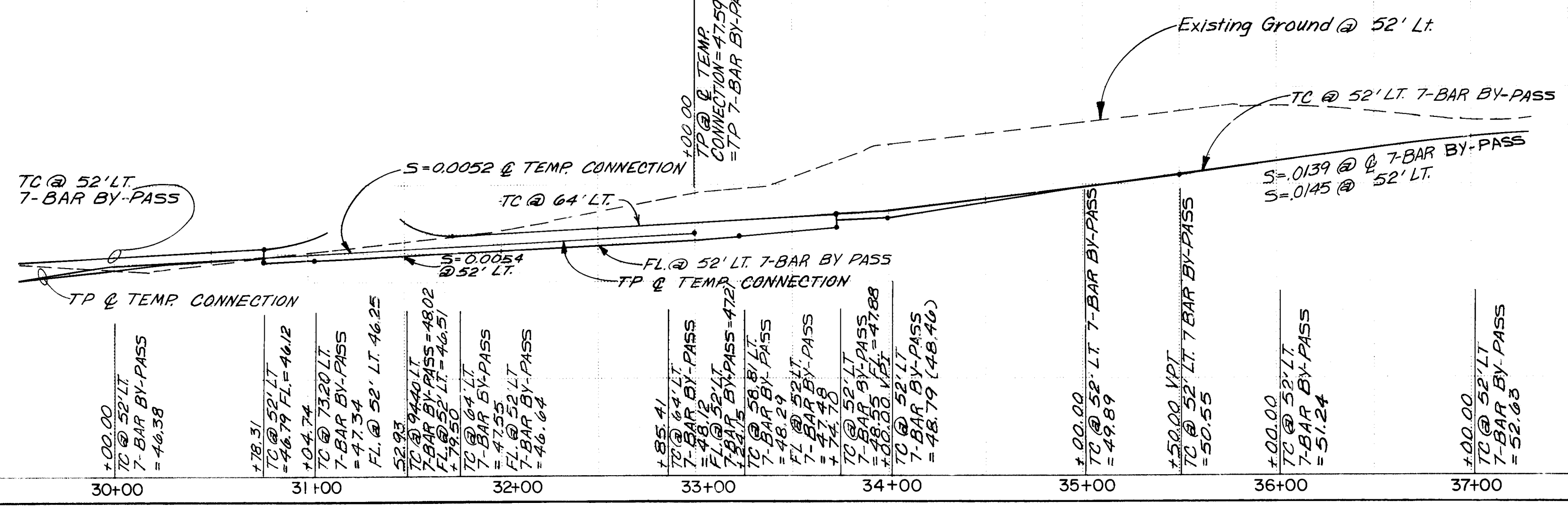
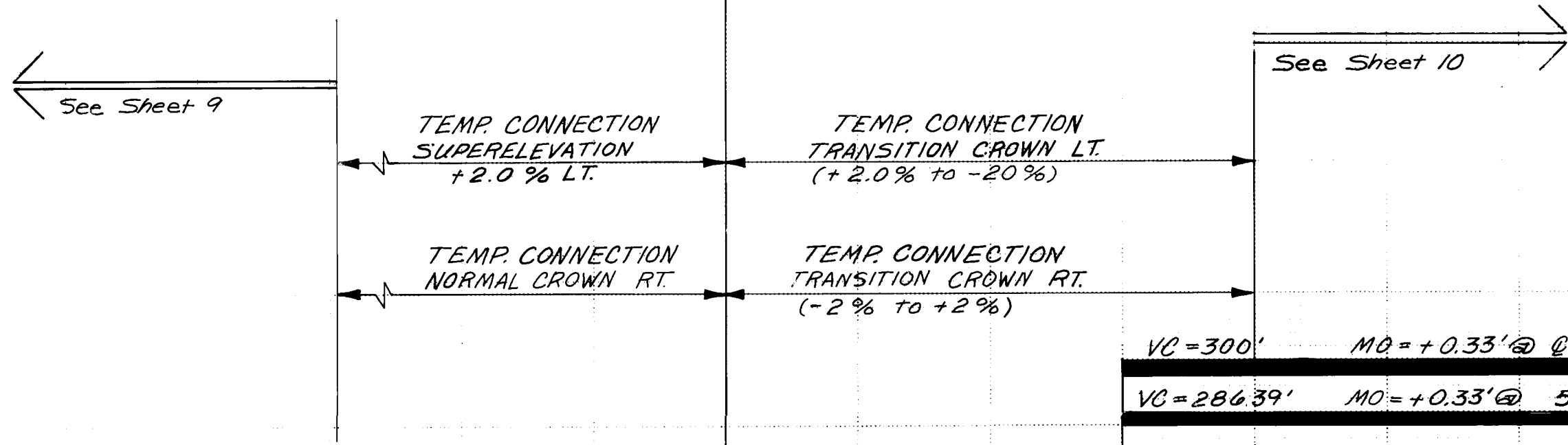


TC	FL
47.20	46.53
47.07	46.39
46.93	46.26

TC	FL
47.67	47.00
47.79	47.12
47.90	47.23



- ① CURVE DATA
7-BAR BYPASS ENTRANCE
PCC STA. 30+78.31
PT STA. 31+04.74
 $\Delta = 81^{\circ} 54' 35''$
R = 25.00'
T = 21.70'
L = 35.74'
- ② CURVE DATA
7-BAR BYPASS ENTRANCE
PCC STA. 31+52.93
PCC STA. 31+79.50
 $\Delta = 103^{\circ} 08' 58''$
R = 25.00'
T = 31.51'
L = 45.01'
- ③ CURVE DATA
RIGHT TURN BAY
PRC STA. 32+85.41
PRC STA. 33+24.15
 $\Delta = 14^{\circ} 10' 36''$
R = 150.00'
T = 18.65'
L = 37.11'
- ④ CURVE DATA
RIGHT TURN BAY
PRC STA. 33+24.15
PCC STA. 33+74.70
 $\Delta = 18^{\circ} 38' 26''$
R = 150.00'
T = 24.62'
L = 48.80'
- ⑤ CURVE DATA
RIGHT TURN BAY
PCC STA. 31+79.50
PRC STA. 32+85.41
 $\Delta = 5^{\circ} 17' 43''$
R = 1082.00'
T = 50.03'
L = 100.00'



LEGEND

- TEMPORARY PAVEMENT
- ARTERIAL PAVEMENT

26 30400987B

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

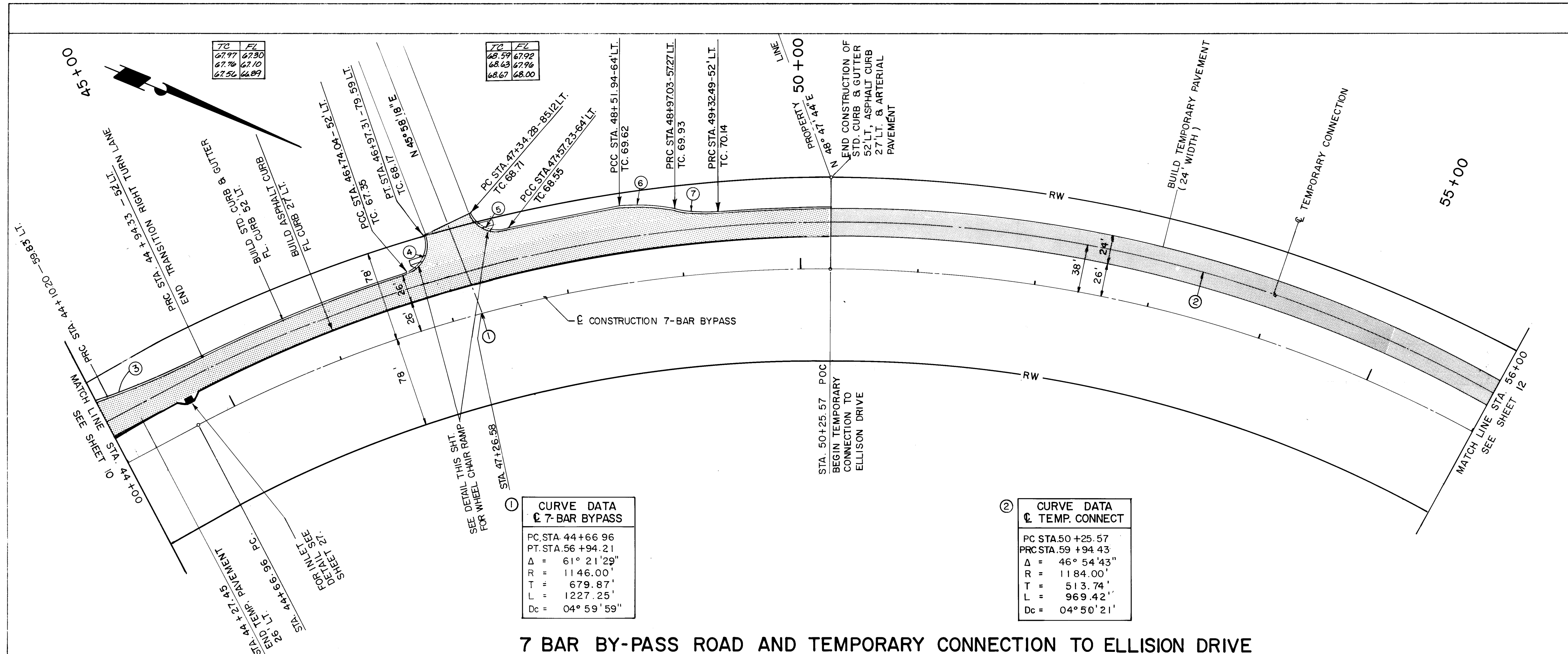
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
ENTRANCE TO AUTO PARK
STA 31 + 12.88 (CHANGE ORDER)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/12/87	Liquid Waste	<i>[Signature]</i>	5/5/87
A C E - Design	"	"	Traffic	<i>[Signature]</i>	5/5/87
A C E - Hydrology	"	"	Water	<i>[Signature]</i>	5/5/87

DRAWING NO. 3040 MAP NO. B-13 SHEET 9-B OF 49

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
NO.	DATE	NO.	DATE	NO.	BY		DATE
NO.	DATE	NO.	DATE	NO.	BY		DATE
MICRO-FILM INFORMATION		FIELD NOTES		REVISIONS		DESIGNED BY	DATE
NO.		NO.		NO.		DRAWN BY	DATE
DATE		DATE		DATE		CHECKED BY	DATE



**1 CURVE DATA
7-BAR BYPASS**

PC STA	44+66.96
PT STA	56+94.21
Δ	61° 21' 29"
R	1146.00'
T	679.87'
L	1227.25'
Dc	04° 59' 59"

**2 CURVE DATA
TEMP. CONNECT**

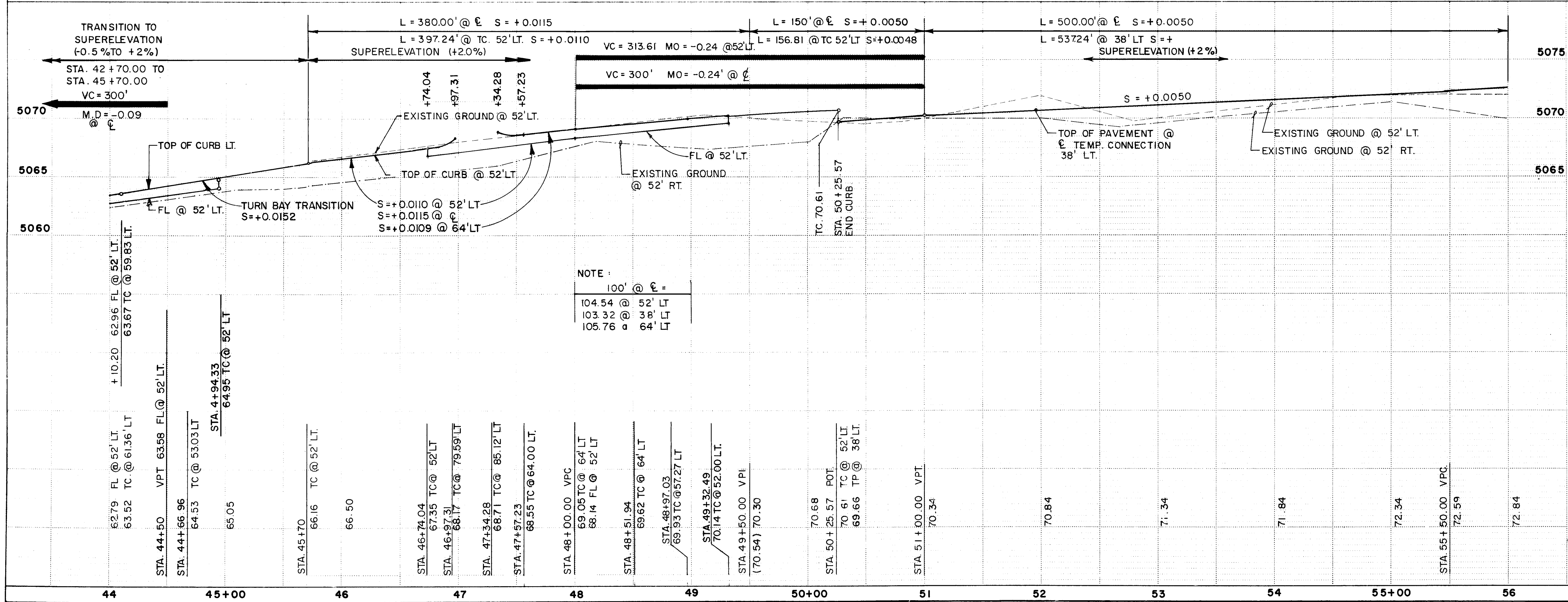
PC STA	50+25.57
PT STA	59+94.43
Δ	46° 54' 43"
R	1184.00'
T	513.74'
L	969.42'
Dc	04° 50' 21"

- 3 CURVE DATA
RIGHT TURN BAY**
 PRC STA 44+10.20
 PRC STA 45+14.34
 $\Delta = 8° 11' 48"$
 R = 600.00'
 T = 42.99'
 L = 85.84'
- 4 CURVE DATA
7-BAR BYPASS
ENTRANCE**
 PCC STA 46+74.04
 PT STA 46+97.31
 $\Delta = 99° 21' 11"$
 R = 25.00'
 T = 29.45'
 L = 43.35'
- 5 CURVE DATA
7-BAR BYPASS
ENTRANCE**
 PC STA 47+34.28
 PCC STA 47+57.23
 $\Delta = 80° 29' 16"$
 R = 25.00'
 T = 21.16'
 L = 35.12'
- 6 CURVE DATA
RIGHT TURN BAY**
 PCC STA 48+51.94
 PRC STA 48+97.03
 $\Delta = 18° 23' 41"$
 R = 150.00'
 T = 24.29'
 L = 48.16'
- 7 CURVE DATA
RIGHT TURN BAY**
 PRC STA 48+97.03
 PRC STA 49+32.49
 $\Delta = 14° 22' 03"$
 R = 150.00'
 T = 18.91'
 L = 37.61'

**7-BAR BYPASS
CENTERLINE ELEVATIONS
VERTICAL CURVE DATA**

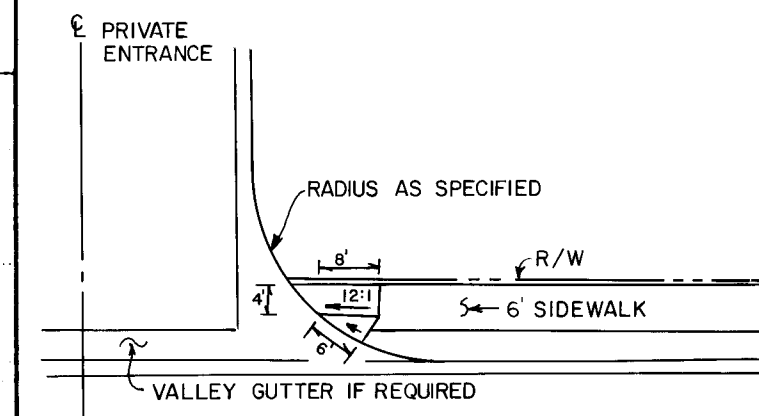
41+50 VPC	59.92
VC = 300'	MO = +0.09
G-1 = +0.0139	G-2 = +0.0115
42+00	60.62 (60.61)
43+00 VPI	61.91 (62.00)
44+00	63.16 (63.15)
44+50 VPT	63.73
SLOPE AHEAD = +0.0115	
45+00	64.31
46+00	65.46
47+00	66.62
48+00 VPC	67.77
VC = 300'	MO = 0.24
G-1 = +0.0115	G-2 = 0.0005
49+00	68.81 (68.92)
49+50 VPI	69.26 (69.50)
50+00	69.64 (69.75)
51+00 VPT	69.80

7 BAR BY-PASS ROAD AND TEMPORARY CONNECTION TO ELLISON DRIVE



NOTE:

100' @ 5'	100' @ 5'
104.54 @ 52' LT	103.32 @ 52' LT
105.76 @ 64' LT	



WHEEL CHAIR RAMP DETAIL
NO SCALE

- LEGEND**
- TEMPORARY PAVEMENT
 - ARTERIAL PAVEMENT

26 3040 1187

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

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: 7-BAR BY-PASS ROAD AND TEMPORARY CONNECTION TO ELLISON DRIVE STA. 44+00 TO STA. 56+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/5/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A.C.E. - Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	2/23/87
A.C.E. - Hydrology	<i>[Signature]</i>	2/23/87	Water	<i>[Signature]</i>	2-11-87

DRAWING NO. 3040 MAP NO. B-13 SHEET 11 OF 49

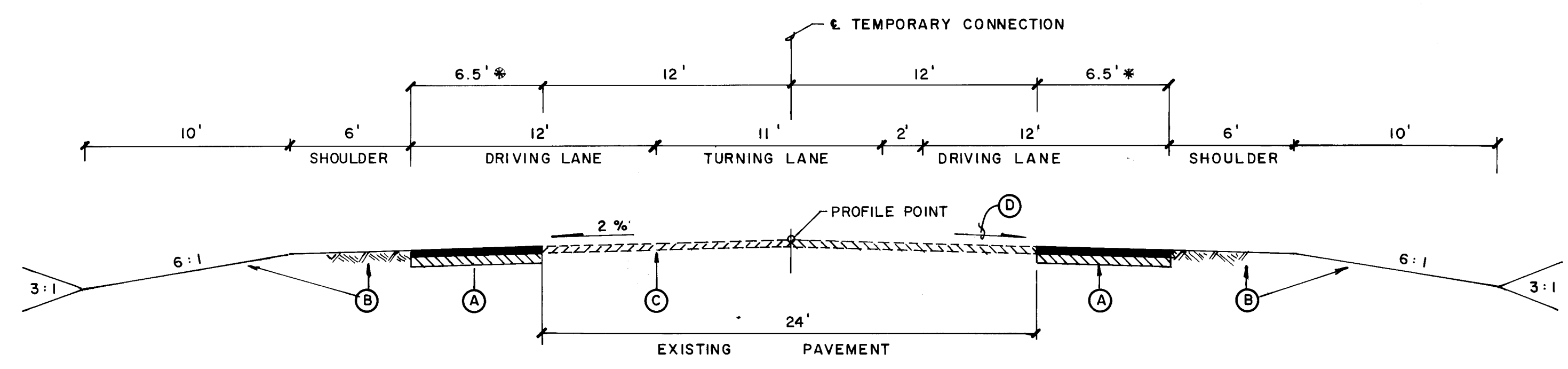
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACCS STATION I-B13 ELEV 5045.088 BRASS TABLET	NO.	BY	NO.	DATE	DATE
WORK CREATED BY	DATE	SET IN TOP OF A CONCRETE POST LOCATED 170 FEET SW OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.					
FIELD ASSESSMENT BY	DATE						
FIELD DRAWINGS BY	DATE						
CORRECTED BY	DATE						
RECORDED BY	DATE						
MICRO-FILM INFORMATION							
NO.							

[Signature]
2-11-87

REVISIONS	DESIGN	DATE	DATE

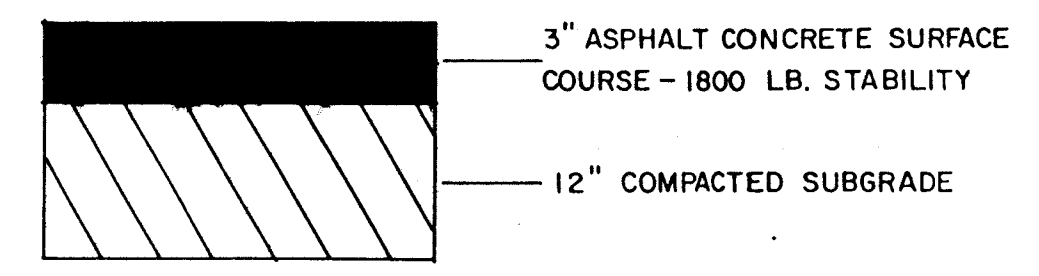
NO.	DATE	REMARKS

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

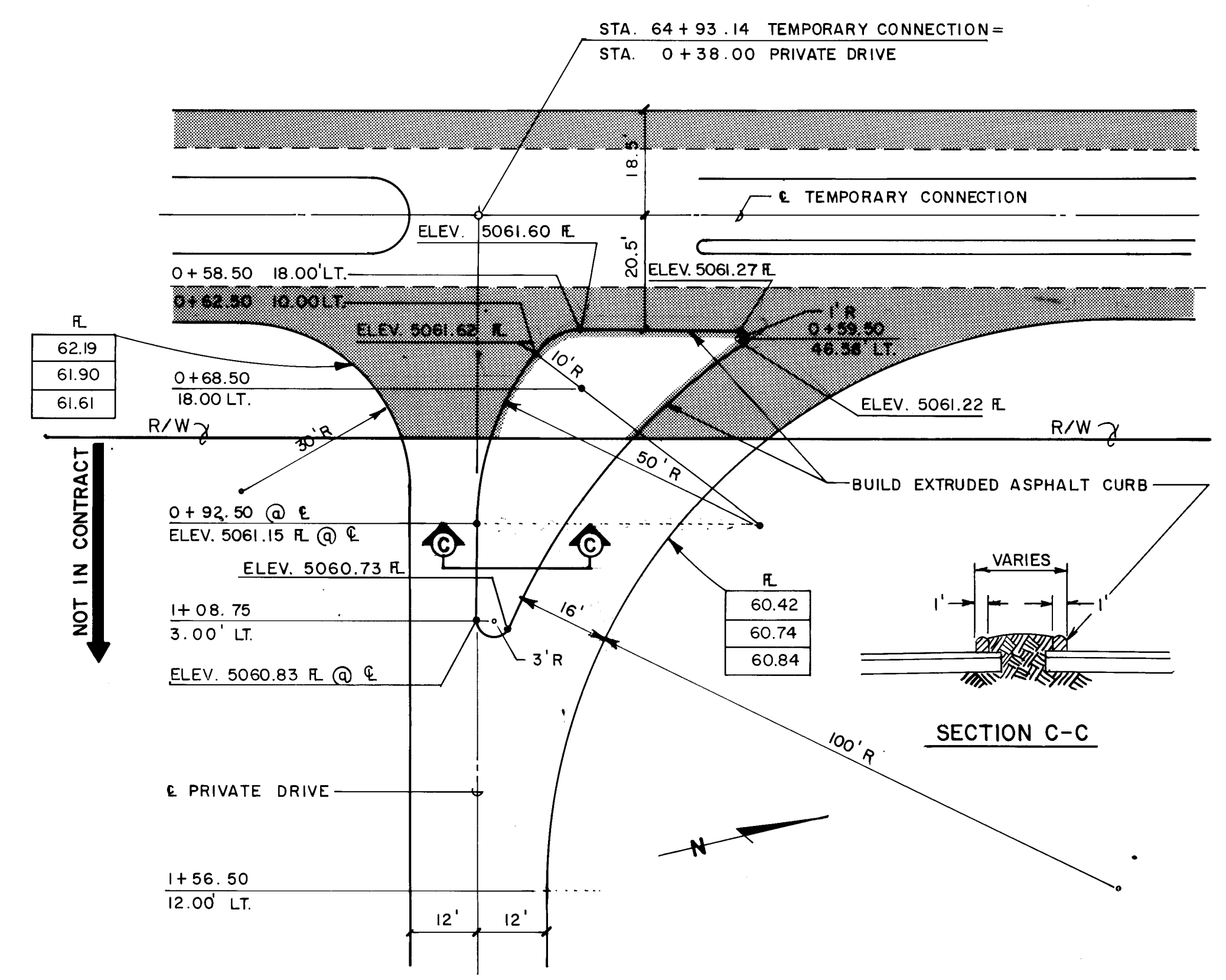


7 BAR BY PASS TEMPORARY CONNECTION
PAVEMENT WIDENING FOR LEFT TURN LANE

* 6.5' WIDTH - STA. 64+31.14 TO 67+61.63
 * WIDTH VARIES FROM 0' TO 6.5' - STA. 61+44.88 TO 64+31.14
 AND FROM 6.5' TO 0' - STA. 67+61.63 TO 70+54.13
 FOR PLAN AND PROFILE SEE SHEET 12A.



DETAIL "A"
TEMPORARY PAVEMENT SECTION



RIGHT TURN ISLAND DETAIL

KEYED NOTES

- (A) BUILD NEW TEMPORARY PAVEMENT. MATCH EXISTING ROADWAY CROWN. FOR SURFACING THICKNESSES SEE DETAIL "A".
- (B) GRADE & SHAPE SHOULDER AND FILL SLOPE / BORROW DITCH.
- (C) EXISTING PAVEMENT TO REMAIN.
- (D) ROADWAY CROSS SLOPE TO MATCH SUPERELEVATION SHOWN ON SHEET 12A.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	DATE	NO.	BY	NO.	DATE

ENGINEER'S SEAL

NO.	DATE	BY	REVISIONS

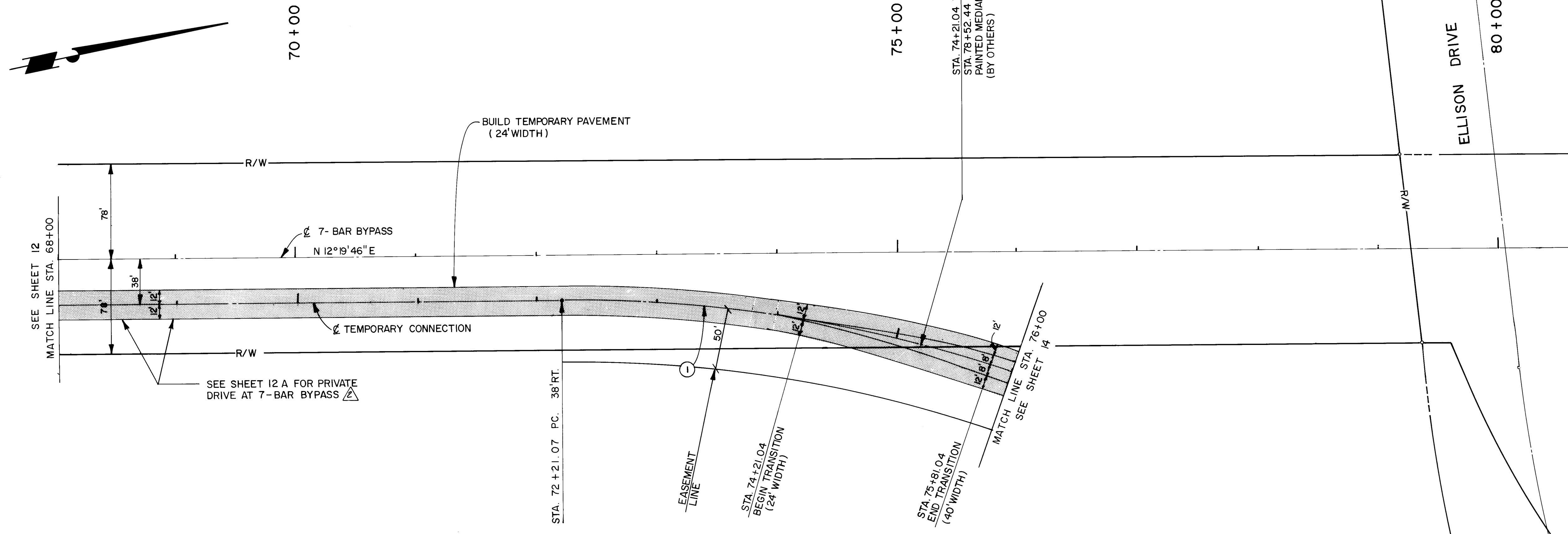
26 304012870

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

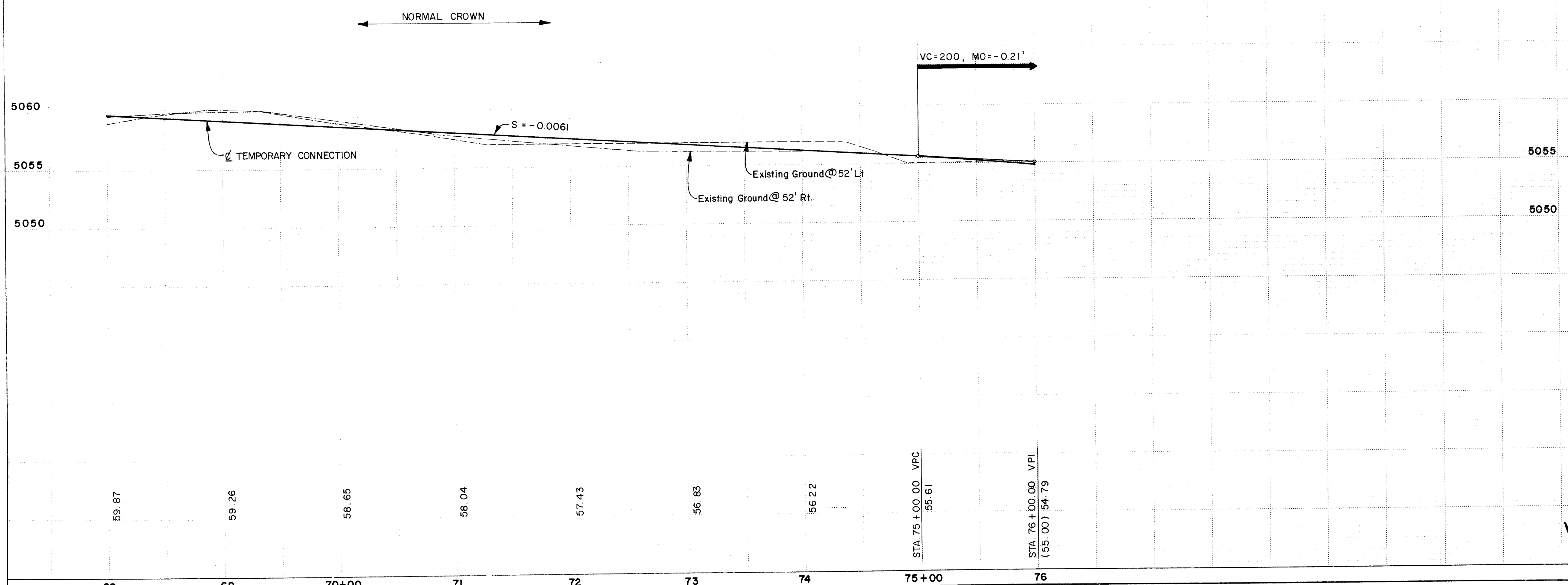
TITLE: PRIVATE DRIVE - 7 BAR LOOP, DETAIL SHEET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
			Liquid Waste	2/24	7-8-87
			Traffic	Duffy, H	2/13/87
			Water	2/24	7-8-87

DRAWING NO. 3040 MAP NO. B-13 SHEET 12B OF 52



TEMPORARY CONNECTION TO ELLISON



1 CURVE DATA
 @ TEMP. CONNECTION
 PC STA 72+21.07
 PT STA 77+74.88
 $\Delta = 27^\circ 40' 14''$
 $R = 1145.92'$
 $T = 282.21'$
 $L = 553.41'$

LEGEND
 TEMPORARY PAVEMENT

26 30401387

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

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
 TEMPORARY CONNECTION TO ELLISON DRIVE
 STA. 68+00 TO STA. 76+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/5/87	Liquid Waste	<i>[Signature]</i>	2/1/87
A C E - Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	2/27/87
A C E - Hydrology	<i>[Signature]</i>	2/23/87	Water	<i>[Signature]</i>	2/1/87

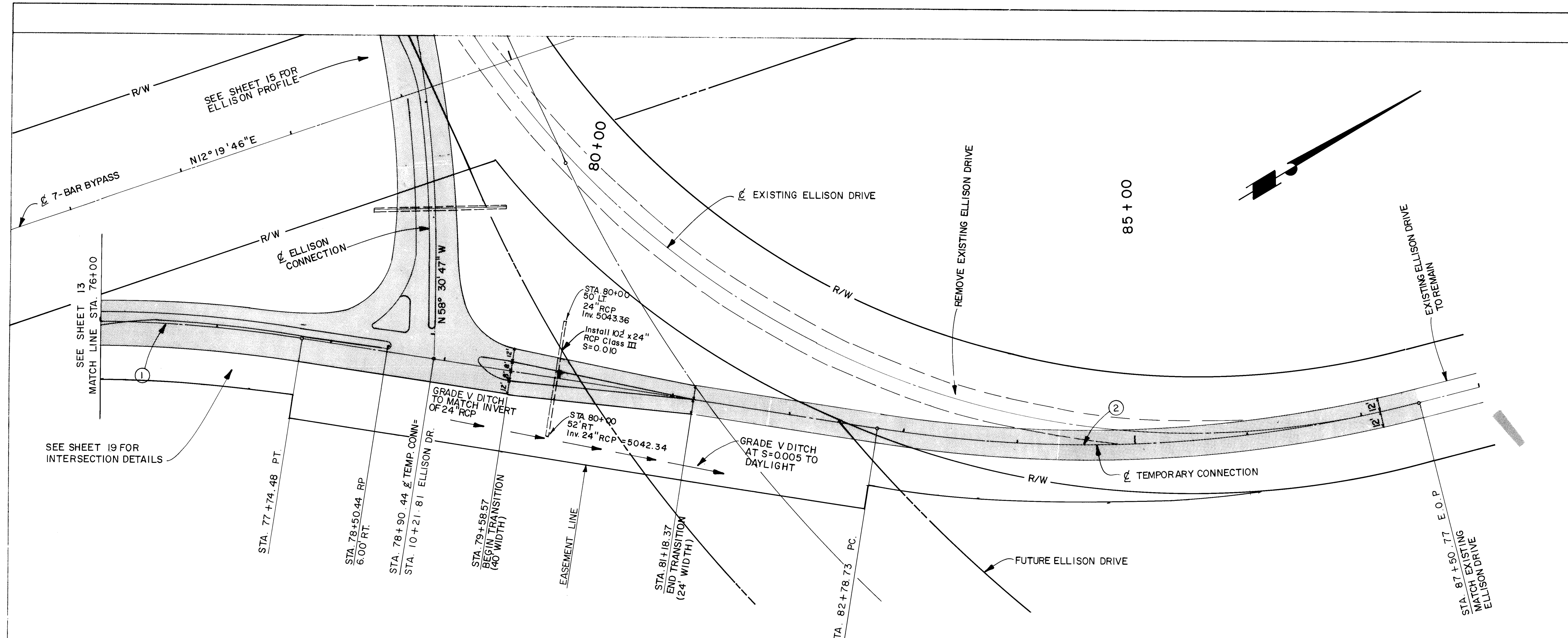
DRAWING NO. 3040 MAP NO. B-13 SHEET 13 OF 49

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	ACCS STATION I-BIS ELEV. 5045.088 BRASS TABLET SET IN TOP OF A CONCRETE POST LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.	NO.	DATE

ENGINEER'S SEAL
[Signature]
 2-4-87

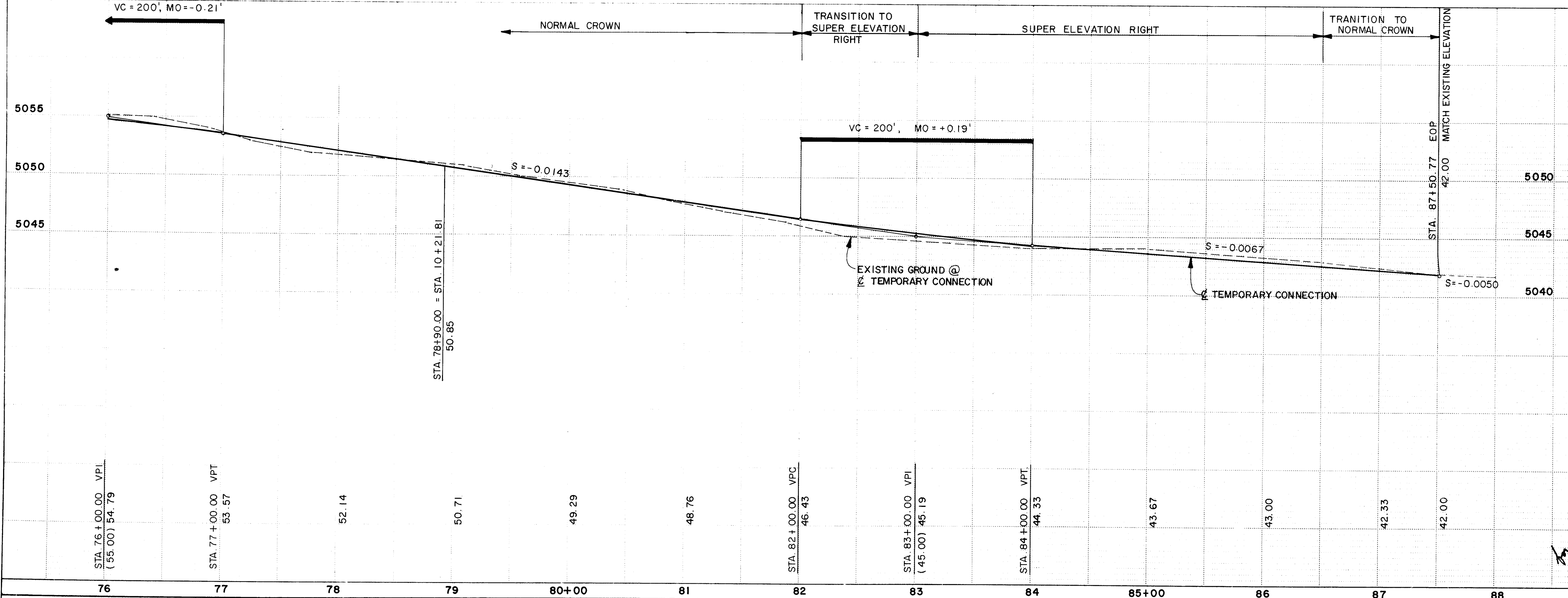
NO.	DATE	REVISIONS
		DESIGN

DESIGNED BY	DRAWN BY	CHECKED BY



- ① CURVE DATA
 C TEMP. CONNECTION
 PC STA 72+21.07
 PT STA 77+74.48
 $\Delta = 27^\circ 40' 14''$
 $R = 1145.92'$
 $T = 282.21'$
 $L = 553.41'$
- ② CURVE DATA
 C TEMP. CONNECTION
 PC STA 82+78.73
 PT STA 87+50.77
 $\Delta = 23^\circ 36' 08''$
 $R = 1145.92'$
 $T = 239.41'$
 $L = 472.03'$

TEMPORARY CONNECTION TO ELLISON



LEGEND
 TEMPORARY PAVEMENT

26 30401487

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

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: **7-BAR BY-PASS ROAD
 TEMPORARY CONNECTION TO ELLISON DRIVE
 STA. 76+00 TO STA. 87+50.77**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/5/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A.C.E - Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	2-11-87
A.C.E - Hydrology	<i>[Signature]</i>	3/5/87	Water	<i>[Signature]</i>	2-11-87

DRAWING NO. **3040** MAP NO. **B-13** SHEET **14** OF **49**

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	BY	DATE	CONTRACT NO.	DATE	DATE
			ACS STATION I-B13 ELEV 5045.088 BRASS TABLET		
			SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.		

ENGINEER'S SEAL
[Signature]
 2-4-87

NO.	DATE	REVISIONS	BY
		DESIGN	

DESIGNED BY	DRAWN BY	CHECKED BY

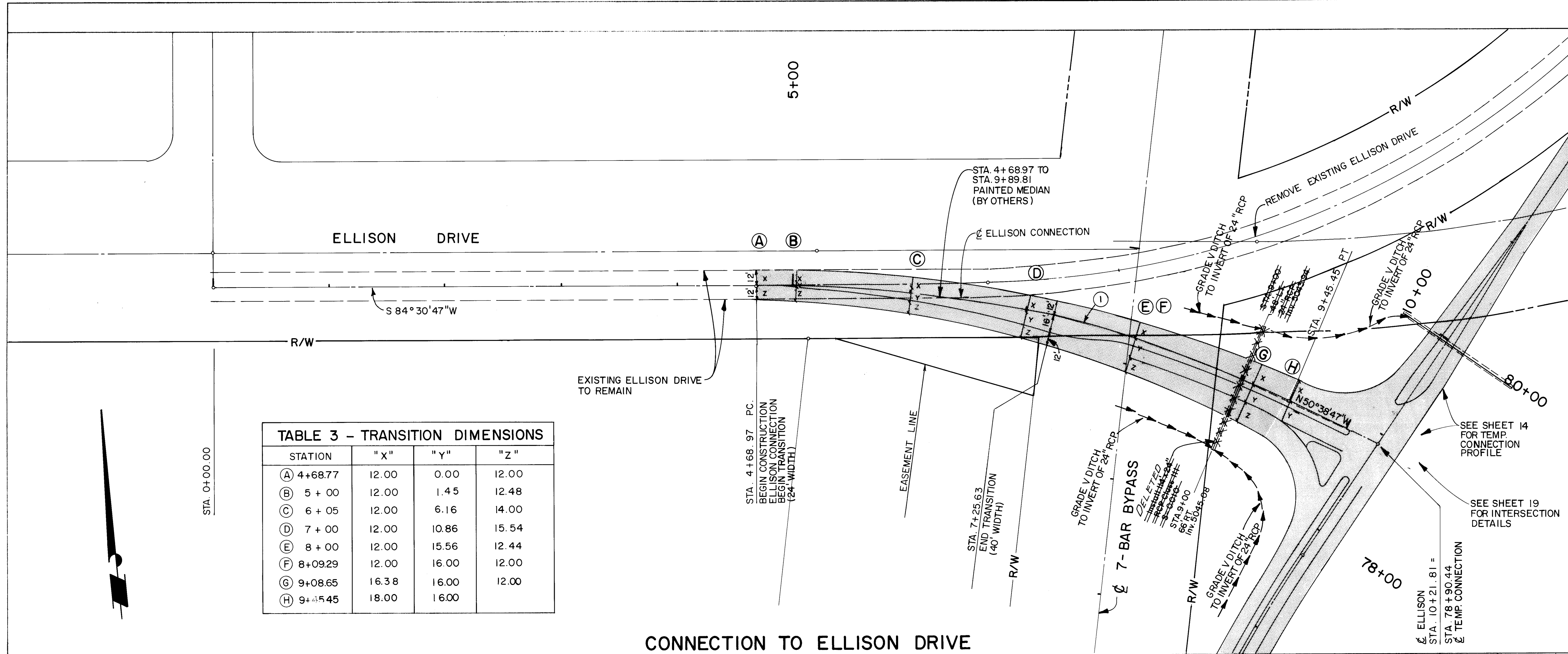
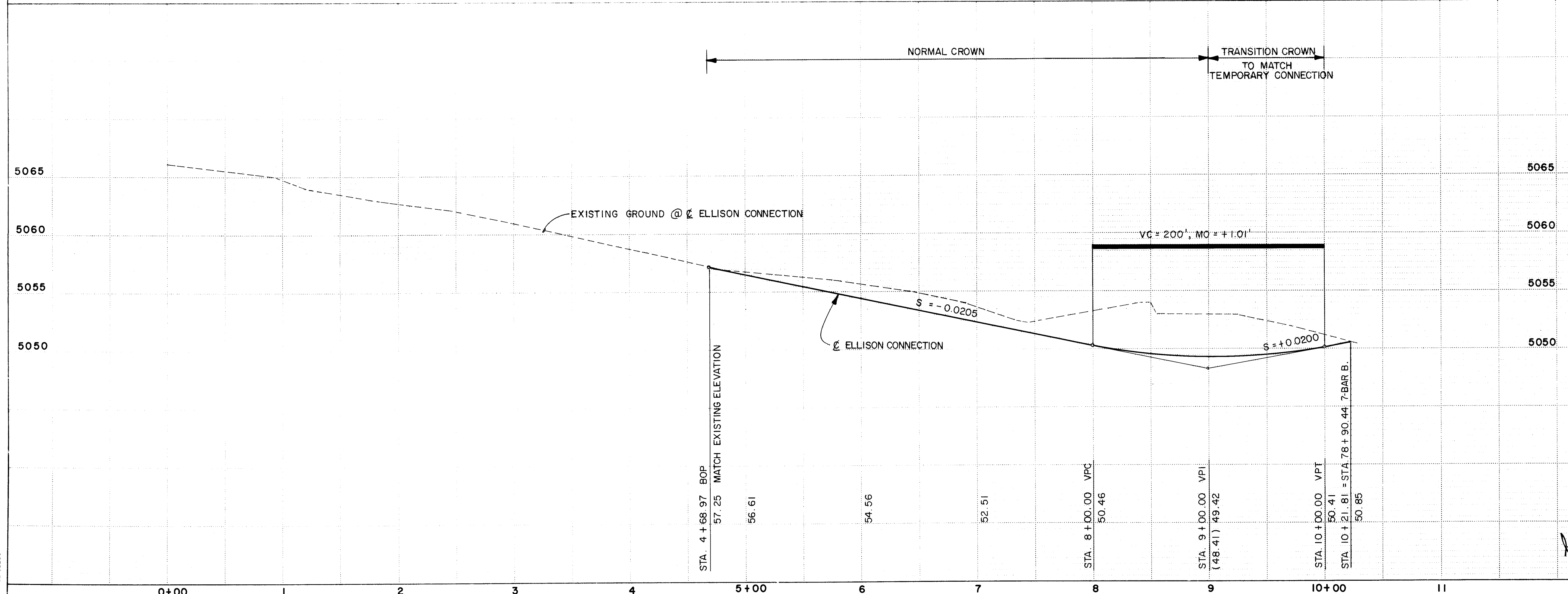


TABLE 3 - TRANSITION DIMENSIONS

STATION	"X"	"Y"	"Z"
(A) 4+68.77	12.00	0.00	12.00
(B) 5+00	12.00	1.45	12.48
(C) 6+05	12.00	6.16	14.00
(D) 7+00	12.00	10.86	15.54
(E) 8+00	12.00	15.56	12.44
(F) 8+09.29	12.00	16.00	12.00
(G) 9+08.65	16.38	16.00	12.00
(H) 9+15.45	18.00	16.00	

CONNECTION TO ELLISON DRIVE



① CURVE DATA
 C ELLISON CONNECTION
 PC STA 4+68.97
 PT STA 9+45.45
 $\Delta = 26^{\circ}00'00''$
 $R = 1050.00'$
 $T = 242.41'$
 $L = 476.47'$

LEGEND
 [Symbol] TEMPORARY PAVEMENT

26 30401587

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

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
 ELLISON DRIVE CONNECTION
 STA. 4+68.97 TO STA. 10+21.81

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	2/5/87	Liquid Waste	[Signature]	2-11-87
A.C.E. - Design	[Signature]		Traffic	[Signature]	2/23/87
A.C.E. - Hydrology	[Signature]	2/25/87	Water	[Signature]	2-11-87

DRAWING NO. 3040 MAP NO. B-13 SHEET 15 OF 49

ENGINEER'S SEAL
 [Signature: Susan B. ...]
 [Stamp: Professional Engineer, State of New Mexico]

AS BUILT INFORMATION
 CONTRACTOR: J.R. HALE
 WORK PERFORMED: [Blank]
 DATE: [Blank]

BENCH MARKS
 ACS STATION I-B13 ELEV. 5045.088 BRASS TABLET
 SET IN TOP OF A CONCRETE POST LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.

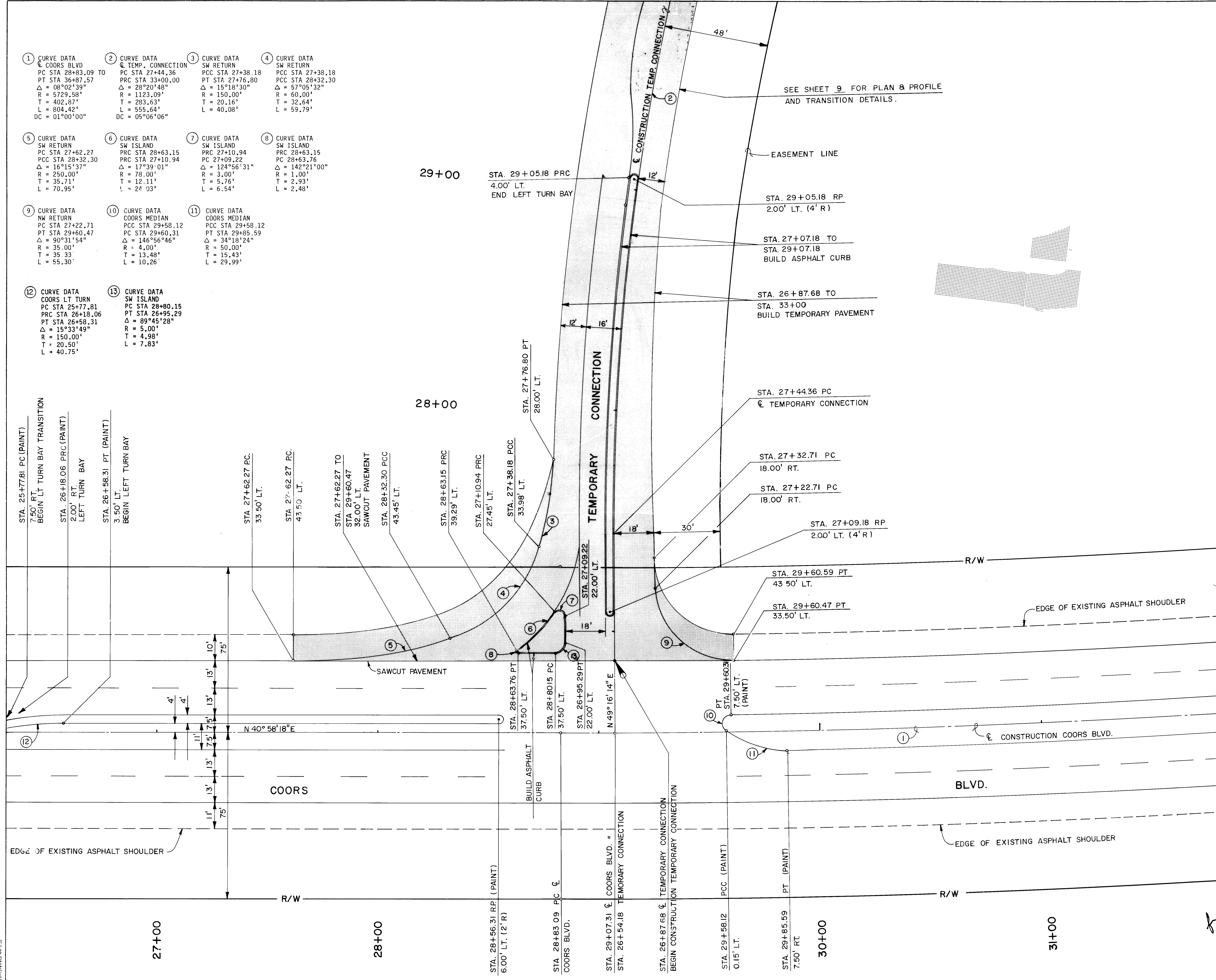
SURVEY INFORMATION
 FIELD NOTES: [Blank]
 NO. [Blank] BY [Blank]

REVISIONS

NO.	DATE	REMARKS	DESIGNED BY	DATE	CHECKED BY	DATE

MICRO-FILM INFORMATION
 SUBMITTED BY: [Blank] DATE: [Blank]
 DRAWINGS: [Blank] DATE: [Blank]
 RECORDED BY: [Blank] DATE: [Blank]

- 1 CURVE DATA
COORS BLVD
PC STA 28+83.09 TO
PT STA 26+87.57
Δ = 08°02'39"
R = 5729.58'
T = 402.87'
L = 804.42'
DC = 01°00'00"
- 2 CURVE DATA
TEMP. CONNECTION
PC STA 27+44.36
PRC STA 33+00.00
Δ = 28°20'48"
R = 1123.09'
T = 283.63'
L = 555.64'
DC = 05°06'06"
- 3 CURVE DATA
SW RETURN
PCC STA 27+38.18
PT STA 27+76.80
Δ = 15°18'30"
R = 150.00'
T = 20.16'
L = 40.08'
- 4 CURVE DATA
SW RETURN
PCC STA 27+38.18
PCC STA 28+32.30
Δ = 57°05'32"
R = 60.00'
T = 32.64'
L = 59.79'
- 5 CURVE DATA
SW RETURN
PC STA 27+62.27
PCC STA 28+32.30
Δ = 16°15'37"
R = 250.00'
T = 35.71'
L = 70.95'
- 6 CURVE DATA
SW ISLAND
PC STA 28+63.15
PRC STA 27+10.94
Δ = 17°39'01"
R = 78.00'
T = 12.11'
L = 24.93'
- 7 CURVE DATA
SW ISLAND
PC STA 27+10.94
PC STA 27+09.22
Δ = 124°56'31"
R = 3.00'
T = 5.76'
L = 6.54'
- 8 CURVE DATA
SW ISLAND
PC STA 28+63.15
PC STA 28+63.76
Δ = 142°21'00"
R = 1.00'
T = 2.93'
L = 2.48'
- 9 CURVE DATA
NK RETURN
PC STA 27+22.71
PT STA 29+60.47
Δ = 90°31'54"
R = 35.00'
T = 35.33'
L = 65.30'
- 10 CURVE DATA
COORS MEDIAN
PCC STA 29+58.12
PC STA 29+60.31
Δ = 146°56'46"
R = 4.00'
T = 13.48'
L = 10.26'
- 11 CURVE DATA
COORS MEDIAN
PCC STA 29+58.59
PT STA 29+85.59
Δ = 34°18'24"
R = 50.00'
T = 15.43'
L = 29.99'
- 12 CURVE DATA
COORS LT TURN
PC STA 25+77.81
PRC STA 26+18.06
PT STA 26+58.31
Δ = 15°33'49"
R = 150.00'
T = 20.50'
L = 40.75'
- 13 CURVE DATA
SW ISLAND
PC STA 28+80.15
PT STA 26+95.29
Δ = 89°45'28"
R = 5.00'
T = 4.98'
L = 7.83'



SEE SHEET 9 FOR PLAN & PROFILE AND TRANSITION DETAILS.

LEGEND

TEMPORARY PAVEMENT

26 30401787

SCALE : HORIZ. 1" = 20'

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
TEMPORARY CONNECTION AT COORS BLVD.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/15/07	Liquid Waste	<i>[Signature]</i>	2/11/07
A C E - Design	"	"	Traffic	<i>[Signature]</i>	2/23/07
A C E - Hydrology	<i>[Signature]</i>	2/27/07	Water	<i>[Signature]</i>	2/11/07

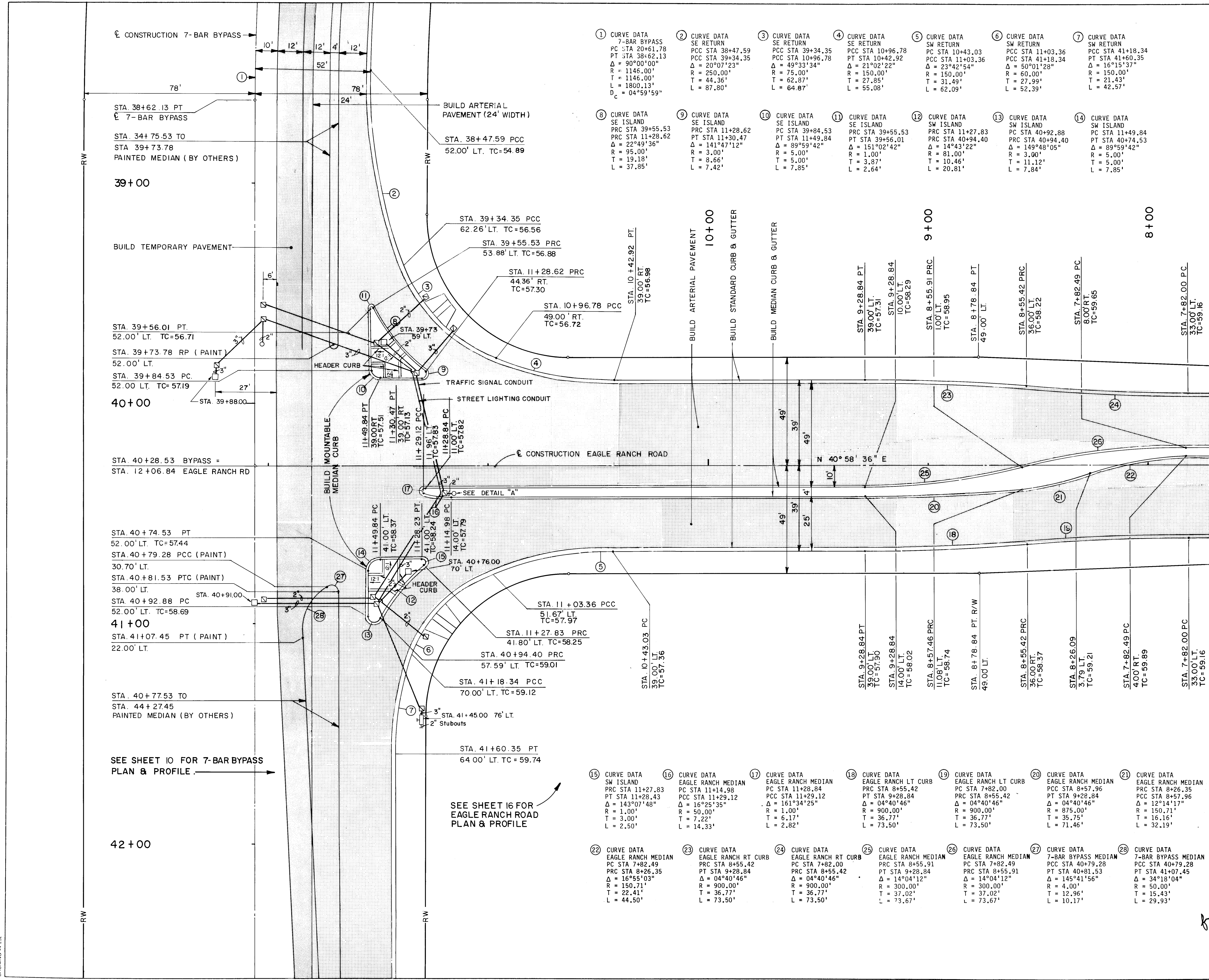
DRAWING NO. 3040 MAP NO. B-13 SHEET 17 OF 49

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	ACS. STATION	ELEV.	CONTRACTOR	DATE
		1-B13	5045.088	J.R. HALE	
		BRASS TABLET SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.			

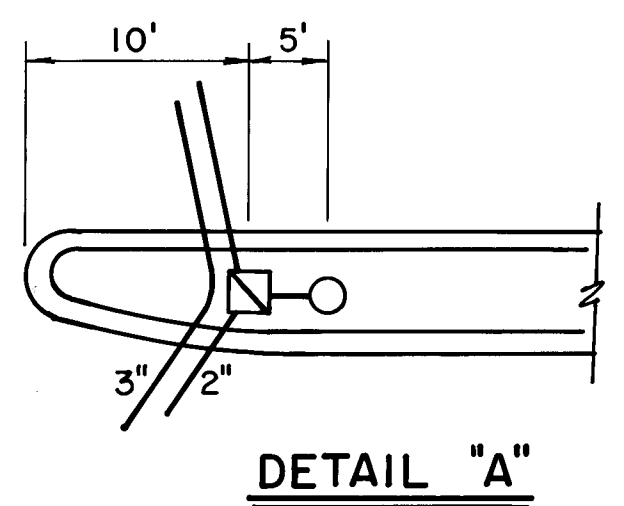
ENGINEER'S SEAL
[Signature]
2-4-07

NO.	DATE	REVISIONS	BY
		DESIGN	

DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE



LEGEND
 TRAFFIC SIGNAL UNDERGROUND BY CONTRACTOR.
 ○ SP TYPE I FOUNDATION
 □ MA-TYPE II FOUNDATION
 ▣ LARGE PB, 19" X 32"
 □ CONTROLLER FOUNDATION, TYPE I



NOTE:
 PULL-BOX LIDS SHALL BE LABELED "TRAFFIC SIGNAL" AND "STREET LIGHT" OR AS APPROVED BY THE ENGINEER.

LEGEND
 [Pattern] TEMPORARY PAVEMENT
 [Pattern] ARTERIAL PAVEMENT

26 30401887

SCALE : HORIZ. 1" = 20'

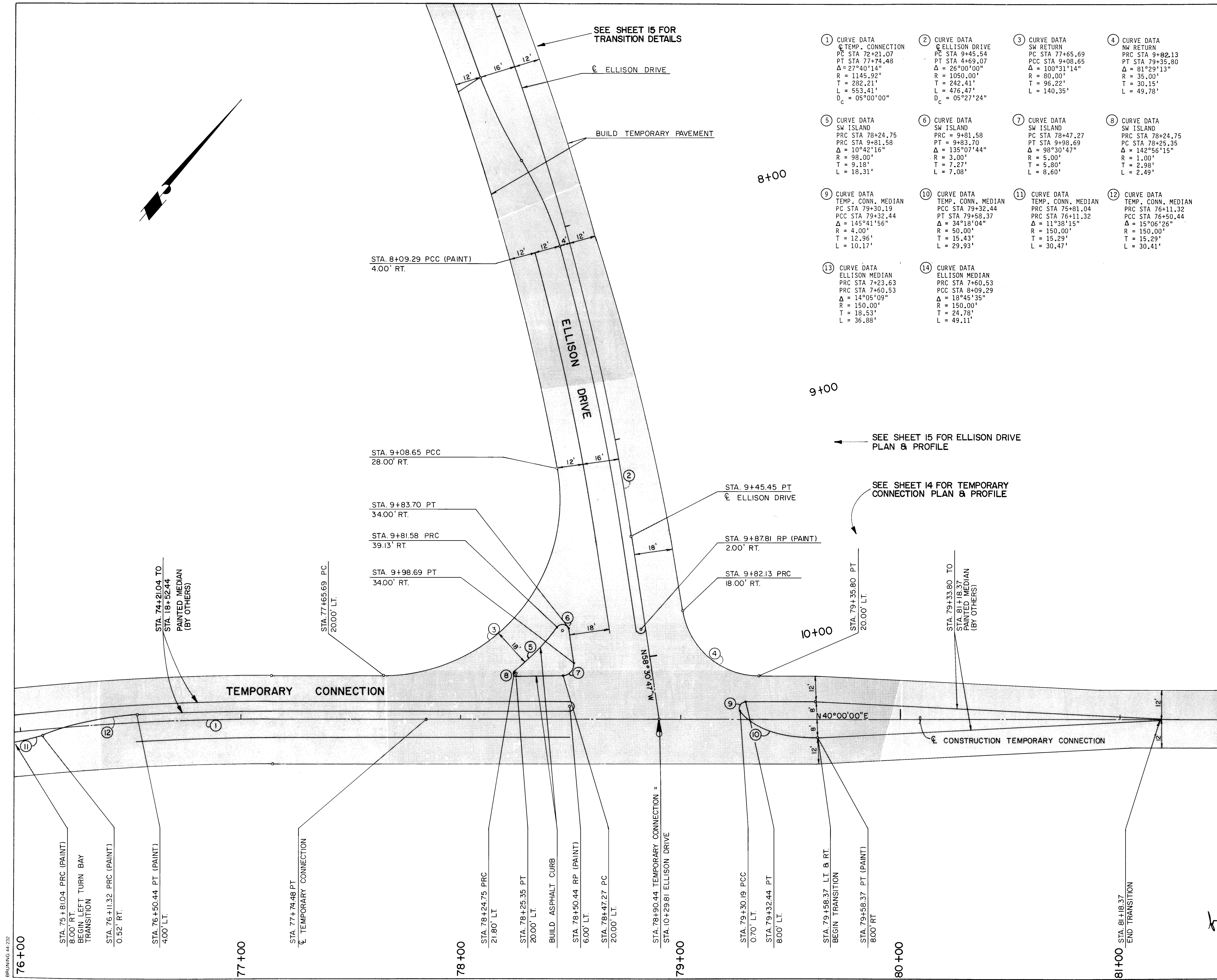
CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: **7-BAR BY-PASS ROAD**
7 BAR BYPASS ROAD AT EAGLE RANCH ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/5/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A C E - Design	<i>[Signature]</i>	2/5/87	Traffic	<i>[Signature]</i>	2-11-87
A C E - Hydrology	<i>[Signature]</i>	2/5/87	Water	<i>[Signature]</i>	2-11-87

DRAWING NO. **3040** MAP NO. **B-13** SHEET **18** OF **48**

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	J. R. HALL	ACS STATION	I-B13 ELEV. 5045.088	NO.			REVISIONS DESIGN
STAKED BY		BRASS TABLET SET IN TOP OF A CONCRETE POST LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.		BY			
DATE		INSPECTOR'S NAME	J. J. JONES	DATE		DESIGNED BY	
DATE		FIELD VERIFICATION DATE		DATE		DRAWN BY	
DATE		CORRECTED BY		DATE		CHECKED BY	
DATE		MICRO-FILM INFORMATION		DATE			



- ① CURVE DATA
TEMP. CONNECTION
PC STA 72+21.07
PT STA 77+74.48
 $\Delta = 27^{\circ}40'14''$
R = 1145.92'
T = 282.21'
L = 553.41'
D_c = 05^{\circ}00'00''
- ② CURVE DATA
ELLISON DRIVE
PC STA 9+45.54
PT STA 4+69.07
 $\Delta = 26^{\circ}00'00''$
R = 1050.00'
T = 242.41'
L = 476.47'
D_c = 05^{\circ}27'24''
- ③ CURVE DATA
SW RETURN
PC STA 77+65.69
PCC STA 9+08.65
 $\Delta = 100^{\circ}31'14''$
R = 80.00'
T = 96.22'
L = 140.35'
- ④ CURVE DATA
NW RETURN
PC STA 9+82.13
PT STA 79+35.80
 $\Delta = 81^{\circ}29'13''$
R = 35.00'
T = 30.15'
L = 49.78'
- ⑤ CURVE DATA
SW ISLAND
PC STA 78+24.75
PRC STA 9+81.58
 $\Delta = 10^{\circ}42'16''$
R = 98.00'
T = 9.18'
L = 18.31'
- ⑥ CURVE DATA
SW ISLAND
PC STA 9+81.58
PT STA 9+83.70
 $\Delta = 135^{\circ}07'44''$
R = 3.00'
T = 7.27'
L = 7.08'
- ⑦ CURVE DATA
SW ISLAND
PC STA 78+47.27
PT STA 9+98.69
 $\Delta = 98^{\circ}30'47''$
R = 5.00'
T = 5.80'
L = 8.60'
- ⑧ CURVE DATA
SW ISLAND
PC STA 78+25.35
PT STA 78+25.35
 $\Delta = 142^{\circ}56'15''$
R = 1.00'
T = 2.98'
L = 2.49'
- ⑨ CURVE DATA
TEMP. CONN. MEDIAN
PC STA 79+30.19
PCC STA 79+32.44
 $\Delta = 145^{\circ}41'56''$
R = 4.00'
T = 12.96'
L = 10.17'
- ⑩ CURVE DATA
TEMP. CONN. MEDIAN
PC STA 79+32.44
PT STA 79+58.37
 $\Delta = 34^{\circ}18'04''$
R = 50.00'
T = 15.43'
L = 29.93'
- ⑪ CURVE DATA
TEMP. CONN. MEDIAN
PC STA 75+81.04
PRC STA 76+11.32
 $\Delta = 11^{\circ}38'15''$
R = 150.00'
T = 15.29'
L = 30.47'
- ⑫ CURVE DATA
TEMP. CONN. MEDIAN
PC STA 76+11.32
PT STA 76+50.44
 $\Delta = 15^{\circ}06'26''$
R = 150.00'
T = 15.29'
L = 30.41'
- ⑬ CURVE DATA
ELLISON MEDIAN
PC STA 7+23.63
PRC STA 7+60.53
 $\Delta = 14^{\circ}05'09''$
R = 150.00'
T = 18.53'
L = 36.88'
- ⑭ CURVE DATA
ELLISON MEDIAN
PC STA 7+60.53
PCC STA 8+09.29
 $\Delta = 18^{\circ}45'35''$
R = 150.00'
T = 24.78'
L = 49.11'

1 2 3 4 5 6 7 8 9 10 11 12
26 30401987

LEGEND
 TEMPORARY PAVEMENT

SCALE: HORIZ. 1" = 20'

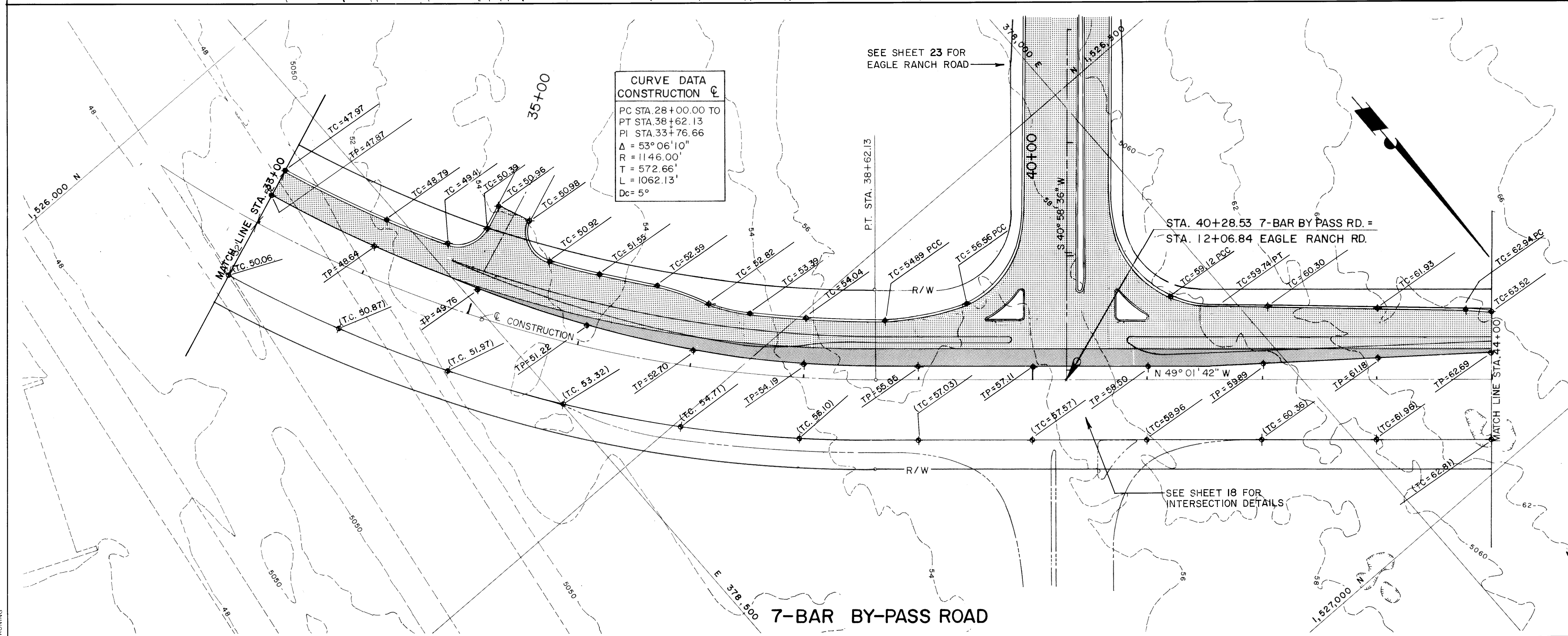
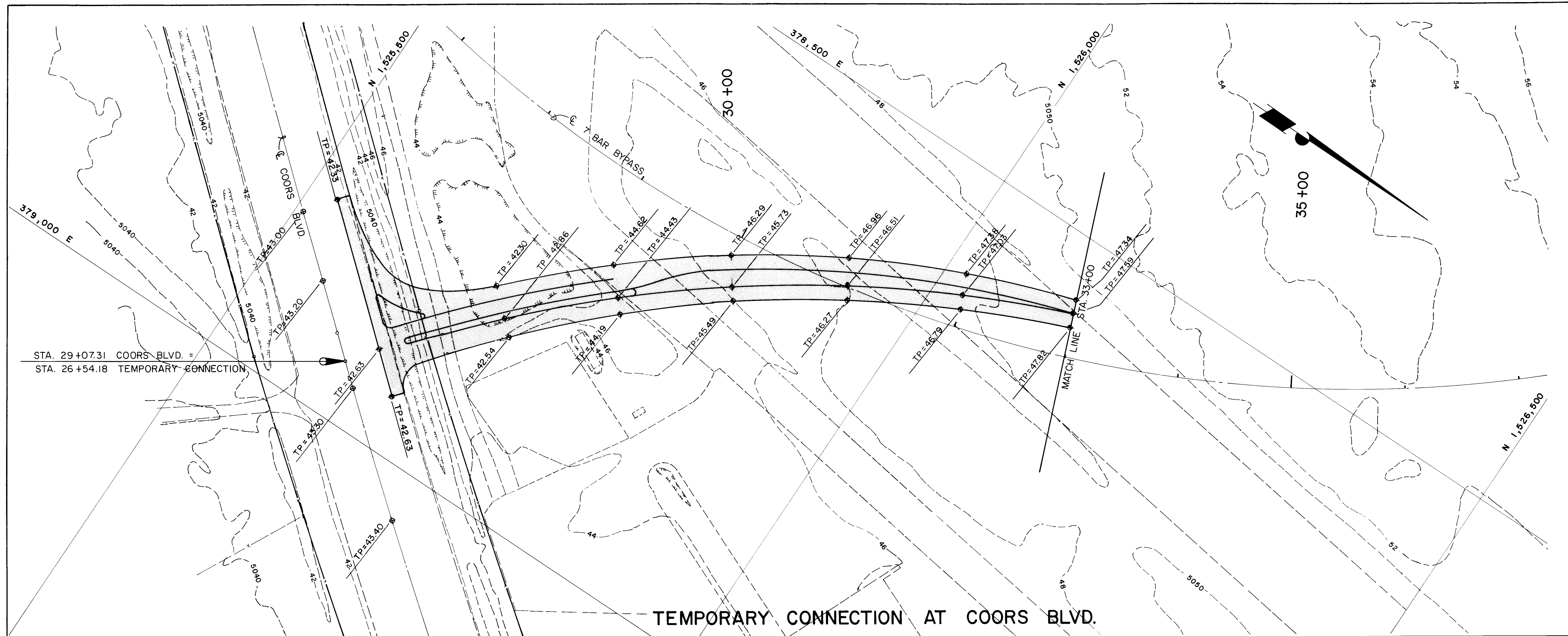
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
TEMPORARY CONNECTION AT ELLISON DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>Amell</i>	3/5/87	Liquid Waste	<i>W</i>	2/1/87
A C E - Design	"	"	Traffic	<i>W</i>	2/1/87
A C E - Hydrology	<i>W</i>	2/5/87	Water	<i>W</i>	2/1/87

DRAWING NO. 3040 MAP NO. B-13 SHEET 19 OF 49

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	J.R. HALE	ACS. STATION	I-B13 ELEV. 5045.088	FIELD NOTES				NO.	DATE	DESIGNED BY	DATE
WORK STAKED BY		BRASS TABLET SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET SW. OF THE JUNCTION OF COORS RD. NW. AND IRVING BLVD. NW.		BY				BY	DATE	CHECKED BY	DATE
DATE		DATE		NO.		REMARKS		NO.	DATE	DESIGNED BY	DATE
										DRAWN BY	DATE
										CHECKED BY	DATE



- LEGEND
- TEMPORARY PAVEMENT
 - ARTERIAL PAVEMENT

26 30402087

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

CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING					
TITLE: 7-BAR BY-PASS ROAD GRADING PLAN STA. 26+00 TO 44+00					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	4/5/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A.C.E. - Design			Traffic	<i>[Signature]</i>	4/22/87
A.C.E. - Hydrology	<i>[Signature]</i>	3/25/87	Water	<i>[Signature]</i>	2-11-87
DRAWING NO.	3040	MAP NO.	B-13	SHEET	20 OF 48

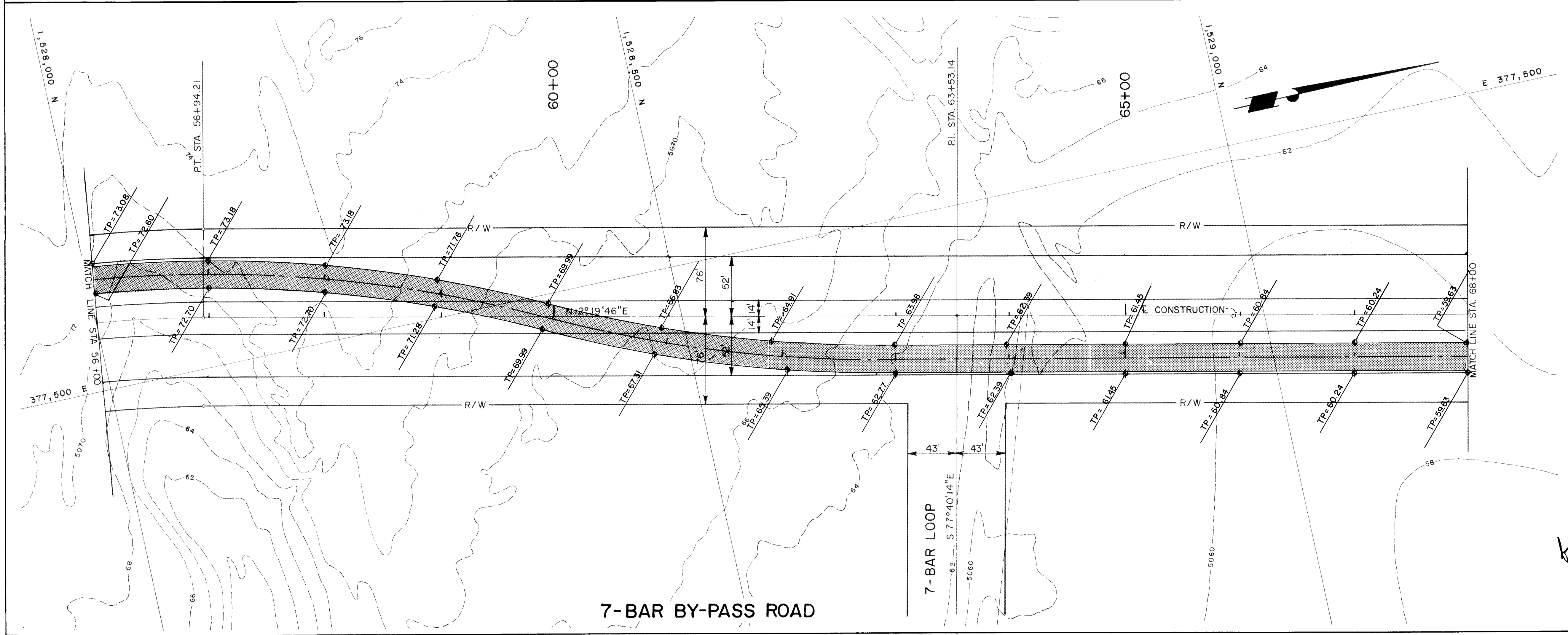
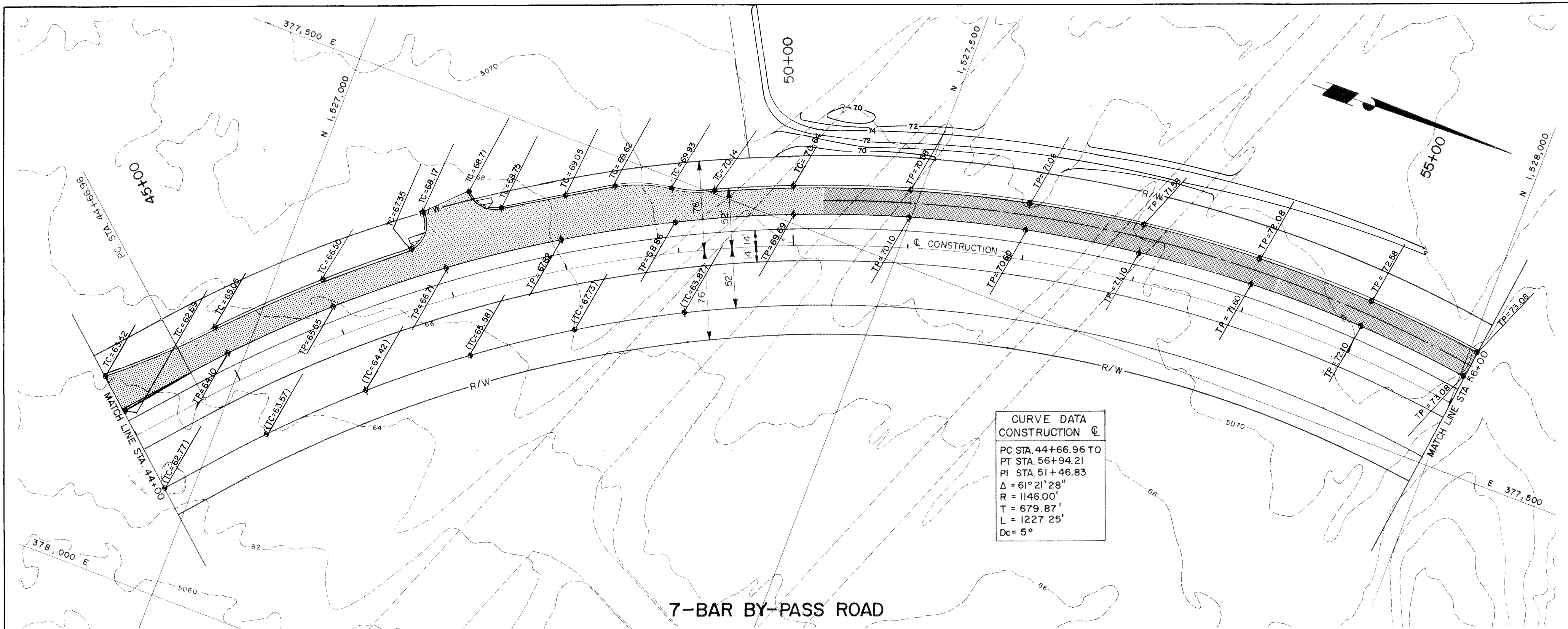
SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
FIELD NOTES	NO.	ACS STATION I-B13	ELEV. 5045.088	CONTRACTOR	J.R. HALL
BY	DATE	BRASS TABLET SET IN TOP OF A		WORK STARTED BY	
		CONCRETE POST, LOCATED 170		ACCEPTANCE BY	JOHNSON
		FEET S.W. OF THE JUNCTION OF		FIELD INSPECTION BY	
		COORS RD. N.W. AND IRVING		DRAWN BY	
		BLVD. N.W.		CHECKED BY	
				RECORDED BY	
				DATE	

ENGINEER'S SEAL

[Signature]
2-487

NO.	DATE	REVISIONS	BY	DATE
		DESIGN		

50
52



**CURVE DATA
CONSTRUCTION C**
 PC STA. 44+66.96 TO
 PT STA. 56+94.21
 PI STA. 51+46.83
 Δ = 61° 21' 28"
 R = 1146.00'
 T = 679.87'
 L = 1227.25'
 Dc = 5°

LEGEND
 TEMPORARY PAVEMENT
 ARTERIAL PAVEMENT

26 30402187
 SCALE: VERT 1" = 5'
 HORIZ. 1" = 50'

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
 GRADING PLAN
 STA. 44+00 TO 68+00

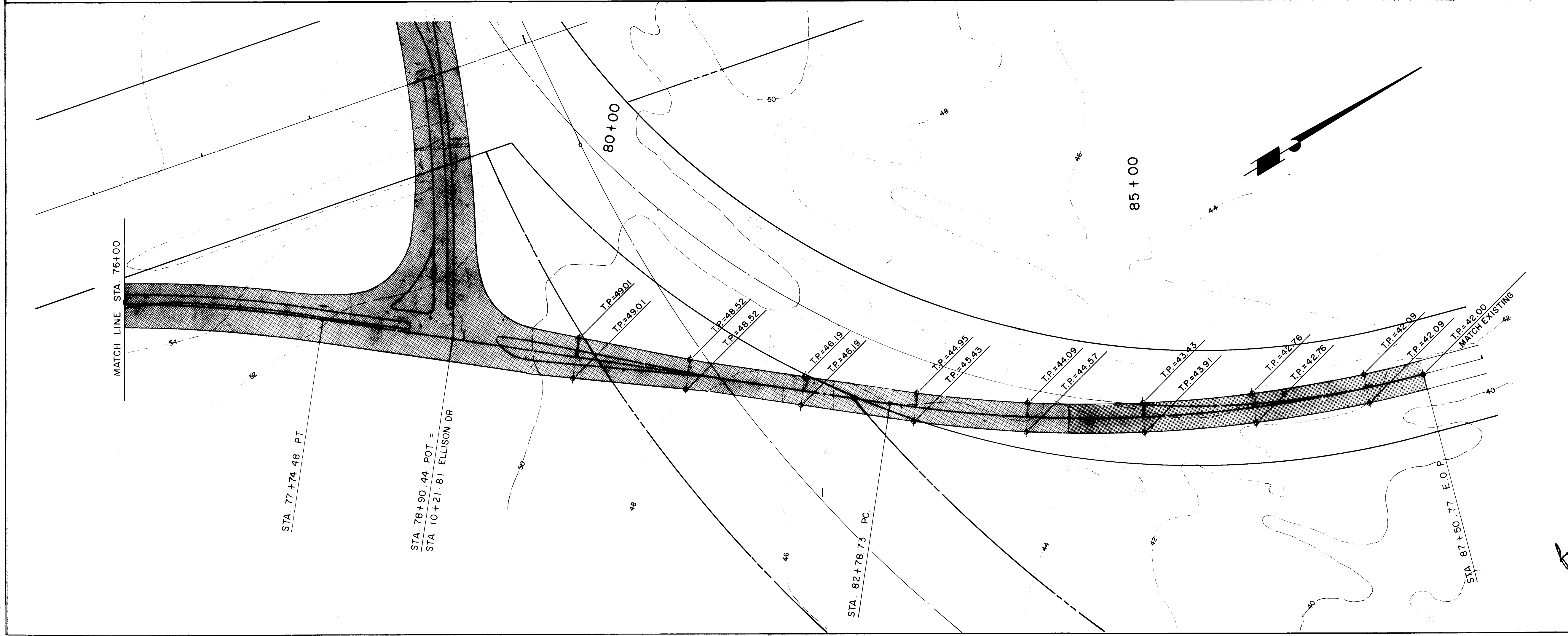
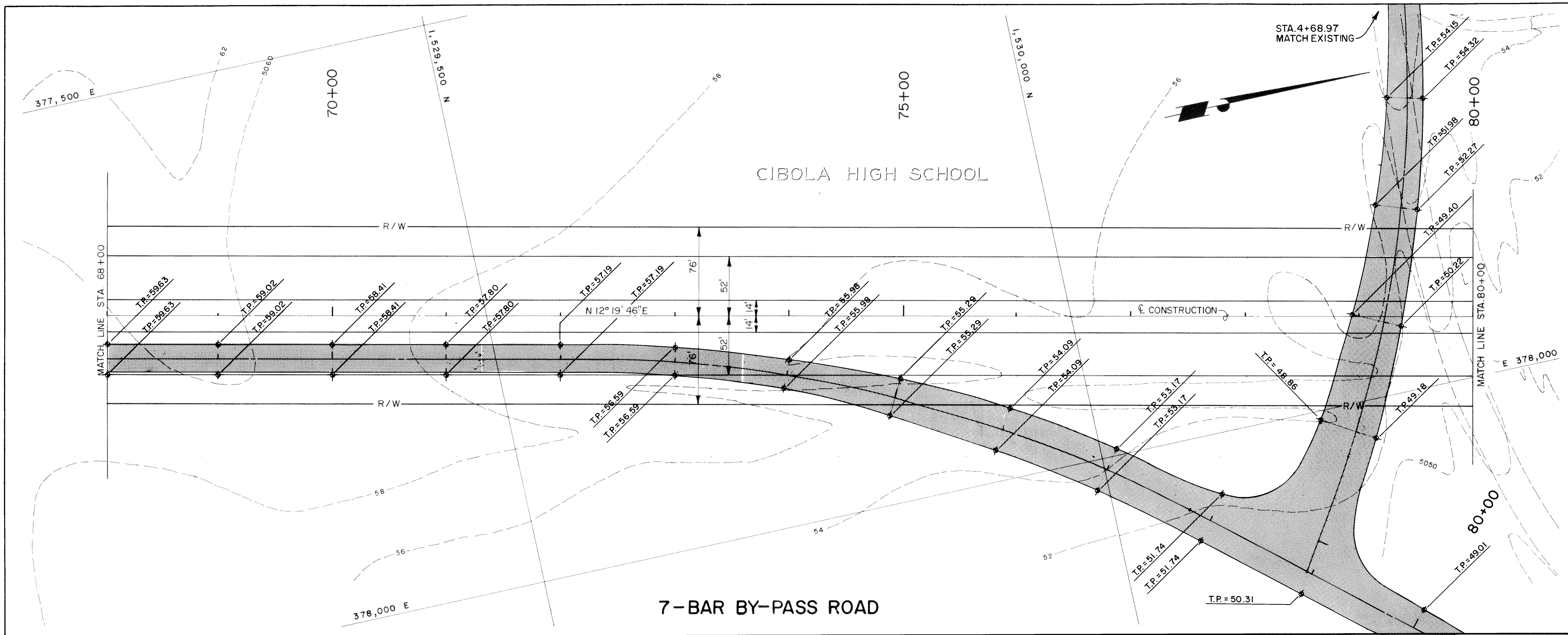
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/19/87	Liquid Waste	N/A	2/1/87
A C E - Design			Traffic	N/A	2/2/87
A C E - Hydrology			Water	N/A	2/1/87

DRAWING NO. 3040 MAP NO. B-13 SHEET 21 OF 49

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	NO.	DATE	NO.	DATE
BY		CONTRACTOR		CONTRACTOR	
FIELD NOTES		ACC. STATION		WORK	
		L-B13		STAKED BY	
		ELEV. 5045.088		ACCEPTANCE BY	
				DATE	
				FIELD ACCEPTANCE BY	
				DATE	
				CORRECTED BY	
				DATE	
				RECORDED BY	
				DATE	

ENGINEER'S SEAL
 2-1-87

NO.	DATE	REMARKS	BY	DATE
		DESIGN		



LEGEND

TEMPORARY PAVEMENT

26 30402287

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

**CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING**

**TITLE: 7-BAR BY-PASS ROAD
GRADING PLAN
STA. 68+00 TO 87+50**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	2/5/87	Liquid Waste	W/W	2-11-87
A.C.E. - Design			Traffic	W/W	2-12-87
A.C.E. - Hydrology	<i>[Signature]</i>	2/5/87	Water	W/W	2-11-87

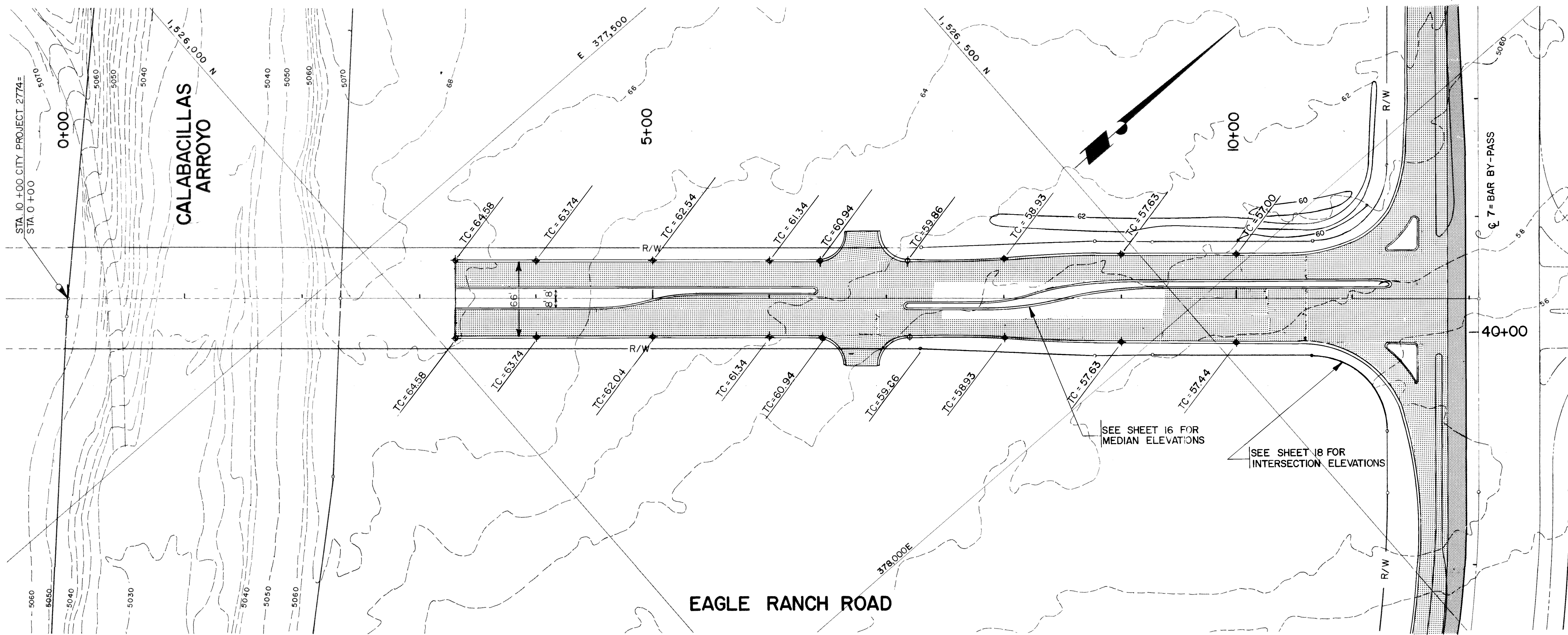
DRAWING NO. **3040** MAP NO. **B-13** SHEET **22** OF **49**

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	ACS STATION I=B13 ELEV. 5045.088	CONTRACTOR	J.R. HALL	RECORDED BY
		BRASS TABLET SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET S.W. OF THE JUNCTION OF CCORRS RD. N.W. AND IRVING BLVD. N.W.	WORKED BY		NO.
			DATE		DATE
			ACCEPTANCE BY	J. JOHNSON	DATE
			FIELD OBSERVATION BY		DATE
			DESIGNED BY		DATE
			CHECKED BY		DATE
			RECORDED BY		DATE
			NO.		DATE

ENGINEER'S SEAL

[Signature]
2-11-87

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52



- LEGEND**
- TEMPORARY PAVEMENT
 - ARTERIAL PAVEMENT
 - EXISTING CONTOUR
 - PROPOSED CONTOUR

26 30402387
 SCALE: VERT. 1" = 5'
 HORIZ. 1" = 50'

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: EAGLE RANCH ROAD
 GRADING PLAN
 STA. 3+30 TO 12+0684

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/5/07	Liquid Waste	<i>[Signature]</i>	2-1-07
A.C.E.-Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	2-1-07
A.C.E.-Hydrology	<i>[Signature]</i>	2/25/07	Water	<i>[Signature]</i>	2-1-07

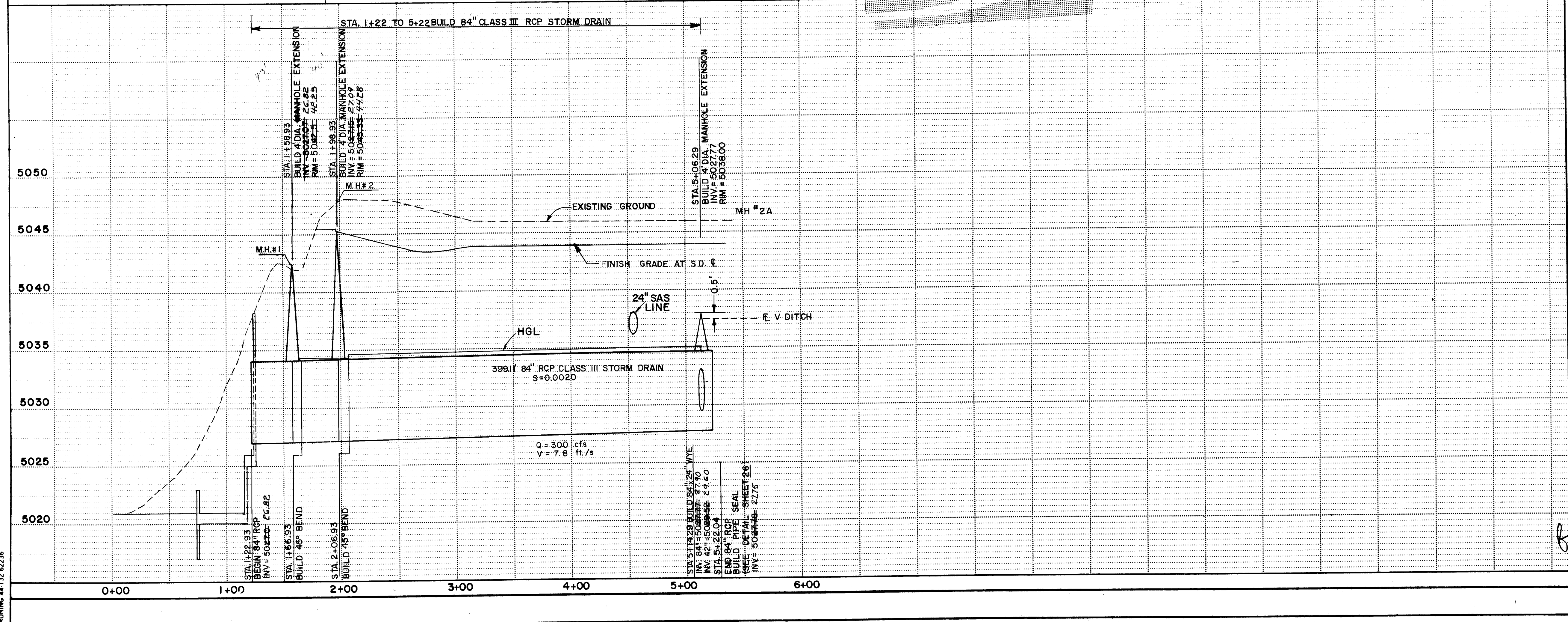
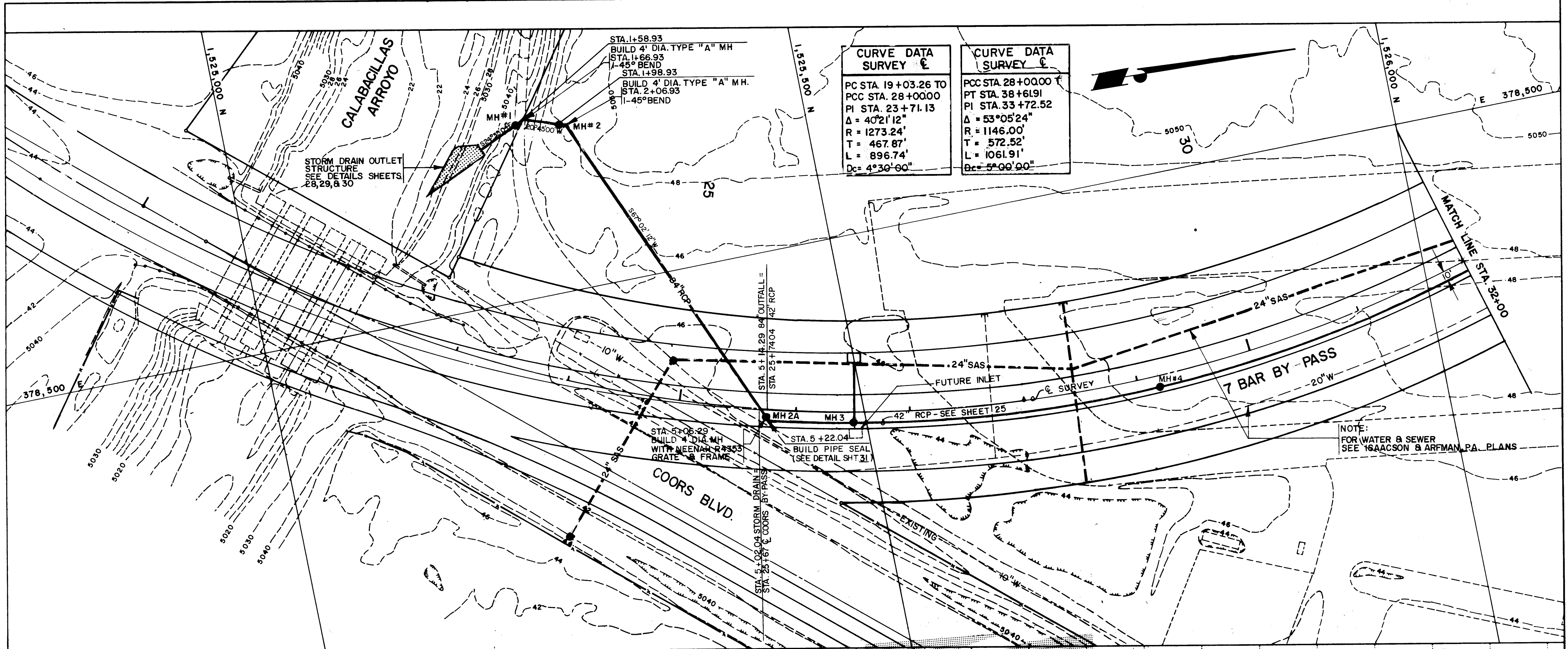
DRAWING NO. 3040 MAP NO. B-13 SHEET 23 OF 49

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	DATE	CONTRACTOR	DATE
				J.R. HALL	
				WORK STRUCK BY	DATE
				ACCEPTANCE BY J. JOHNSON	DATE
				FIELD LOCATION BY	DATE
				CORRECTED BY	DATE
				BLVD. NW.	

ENGINEER'S SEAL
[Signature]
 2-4-07

NO.	DATE	BY	REVISIONS	DATE
			DESIGN	

DESIGNED BY	DRAWN BY	CHECKED BY	DATE



AS BUILT INFORMATION
 CONTRACTOR: J.R. HALE
 WORK DATE: _____
 SUPERVISOR: _____
 FIELD ACCEPTANCE BY: J. JOHNSON DATE: _____
 DRAWING DATE: _____
 CHECKED BY: _____
 MICRO-FILM INFORMATION: _____

BENCH MARKS
 ACS STATION I-BIS ELEV 5045.088 BRASS TABLET
 SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.

SURVEY INFORMATION
 FIELD NOTES: _____
 NO. _____ BY _____ DATE _____

ENGINEER'S SEAL
 [Signature: G. J. Smith] 2-4-87

REVISIONS

NO.	DATE	REMARKS	BY
1		DESIGN	

DESIGNED BY: LAC
 DRAWN BY: LAC
 CHECKED BY: _____

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

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
 STORM DRAIN STA. 1+22.93 TO 5+13.93

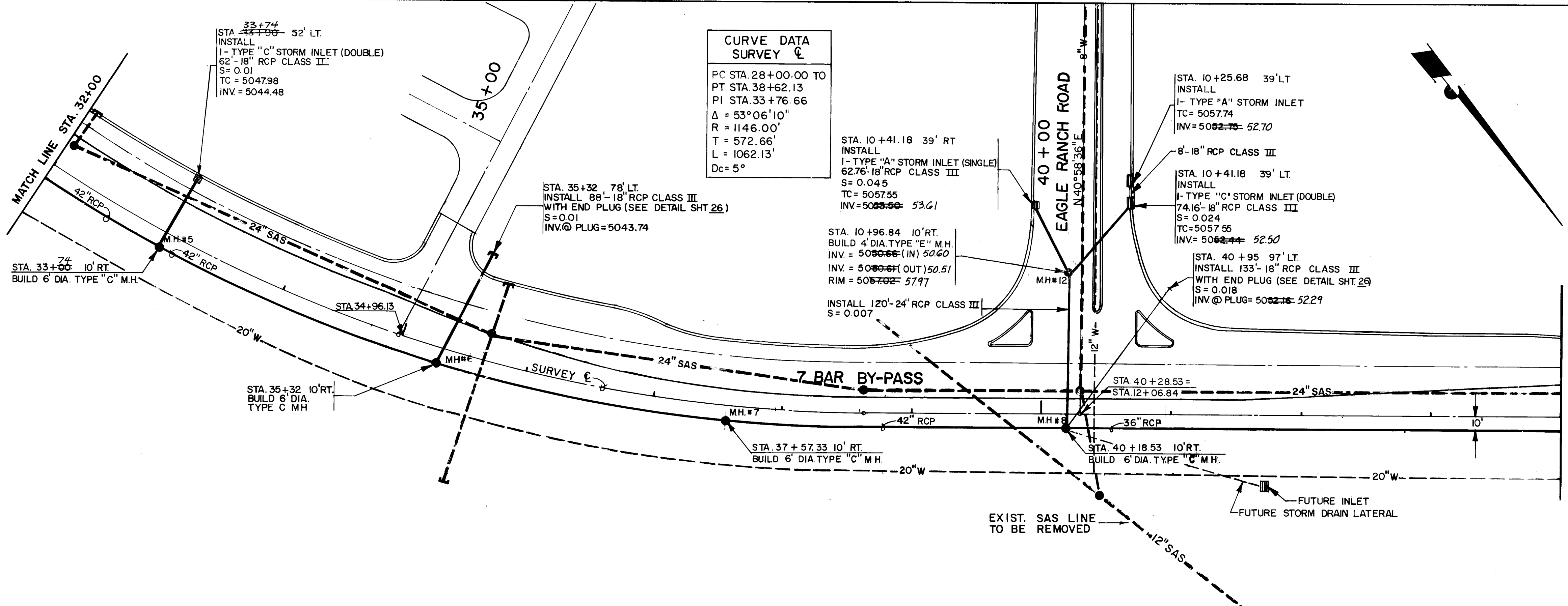
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	3/5/87	Liquid Waste	[Signature]	2-11-87
A.C.E. - Design	[Signature]	1/1/87	Traffic	[Signature]	2-11-87
A.C.E. - Hydrology	[Signature]	3/23/87	Water	[Signature]	2-11-87

AMAFCA [Signature] 3/24/87

DRAWING NO. **3040** MAP NO. **B-13** SHEET **24** OF **49**

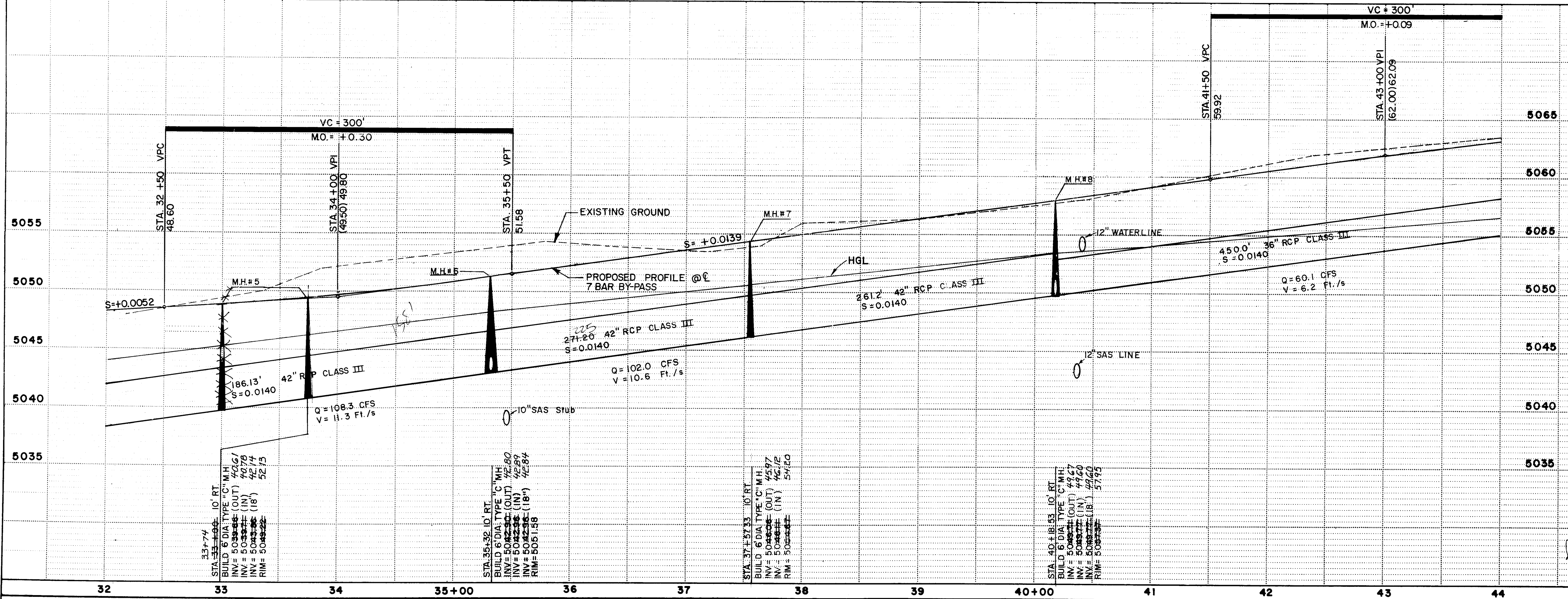
BRUNING 44.132 62236

50
52



CURVE DATA SURVEY

PC STA 28+00.00 TO
 PT STA 38+62.13
 PI STA 33+76.66
 $\Delta = 53^{\circ}06'10''$
 $R = 1146.00'$
 $T = 572.66'$
 $L = 1062.13'$
 $D_c = 5^{\circ}$



AS BUILT INFORMATION

CONTRACTOR: J.R. HALE
 WORK NO. BY: []
 INSPECTOR'S: []
 ACCEPTANCE BY: J. JOHNSON
 DATE: []

BENCH MARKS

ACS STATION I-B13 ELEV 5045088 BRASS TABLET
 SET IN TOP OF A CONCRETE POST, LOCATED 170
 FEET SW OF THE JUNCTION OF COORS RD. N.W.
 AND IRVING BLVD N.W.

SURVEY INFORMATION

FIELD NOTES
 NO. [] BY []

ENGINEER'S SEAL
[Signature]
 2-4-87

REVISIONS

NO.	DATE	REMARKS	BY
1		DESIGN	

26 3040 26.87

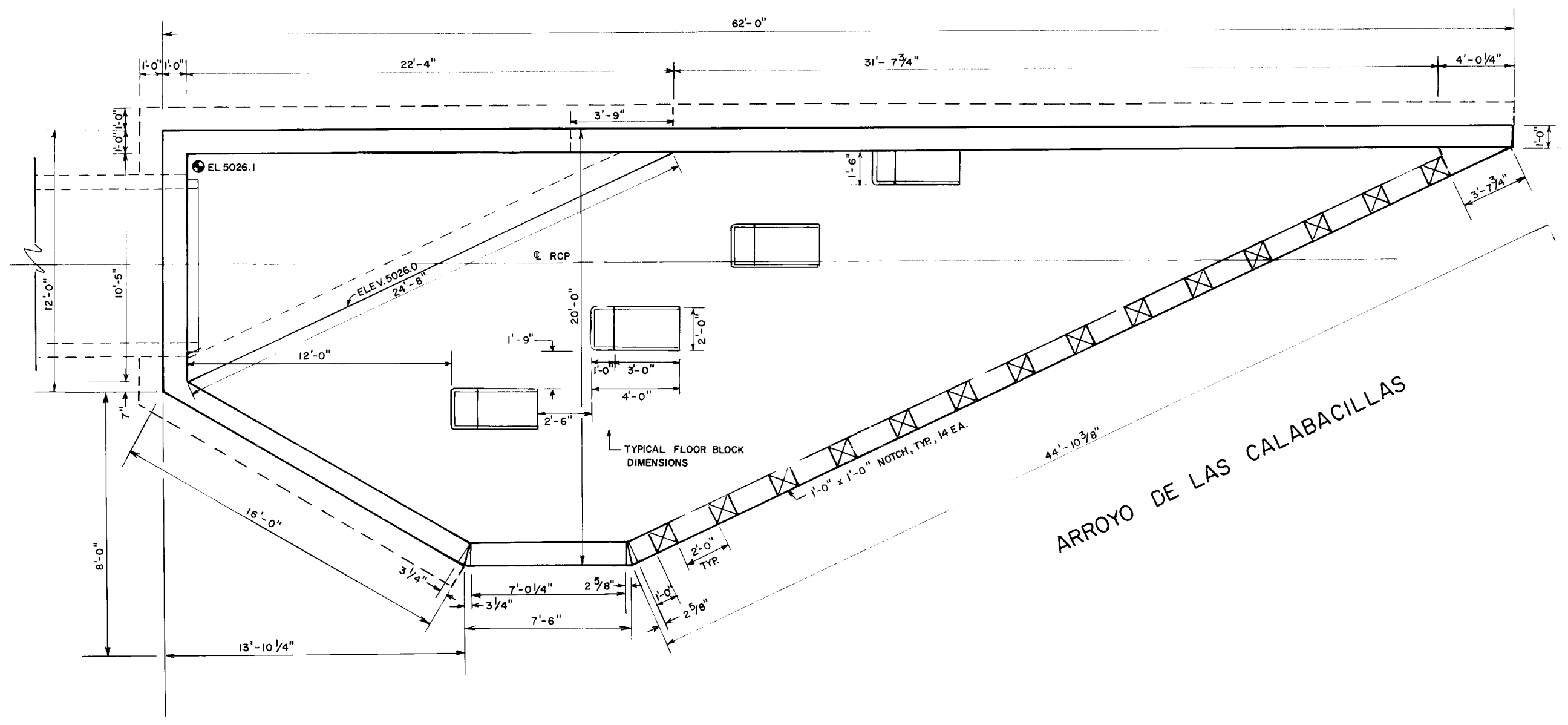
SCALE: VERT. 1" = 5'
 HORIZ. 1" = 50'

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

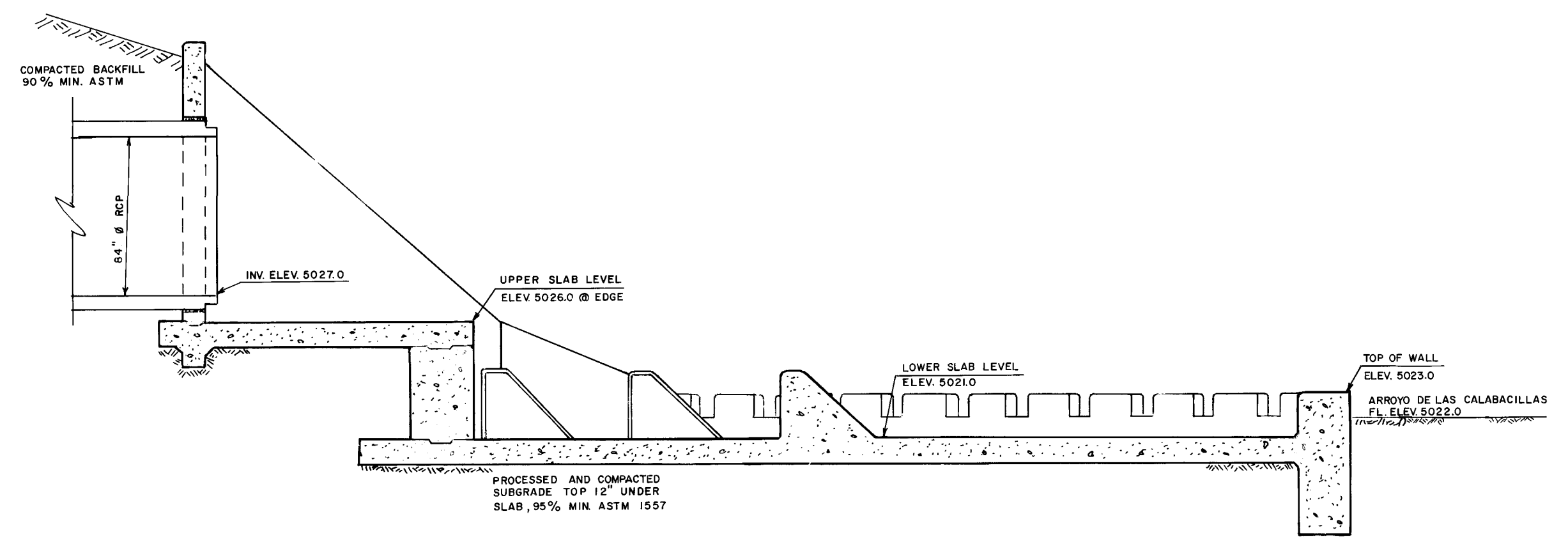
TITLE:
 7-BAR BY-PASS ROAD
 STORM DRAIN STA. 32+00 TO 44+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
[Signature]	[Signature]	7/6/87	[Signature]	[Signature]	2-11-87
A.C.E. - Design			Traffic	[Signature]	2/22/87
A.C.E. - Hydrology	[Signature]	2/25/87	Water	[Signature]	2-11-87

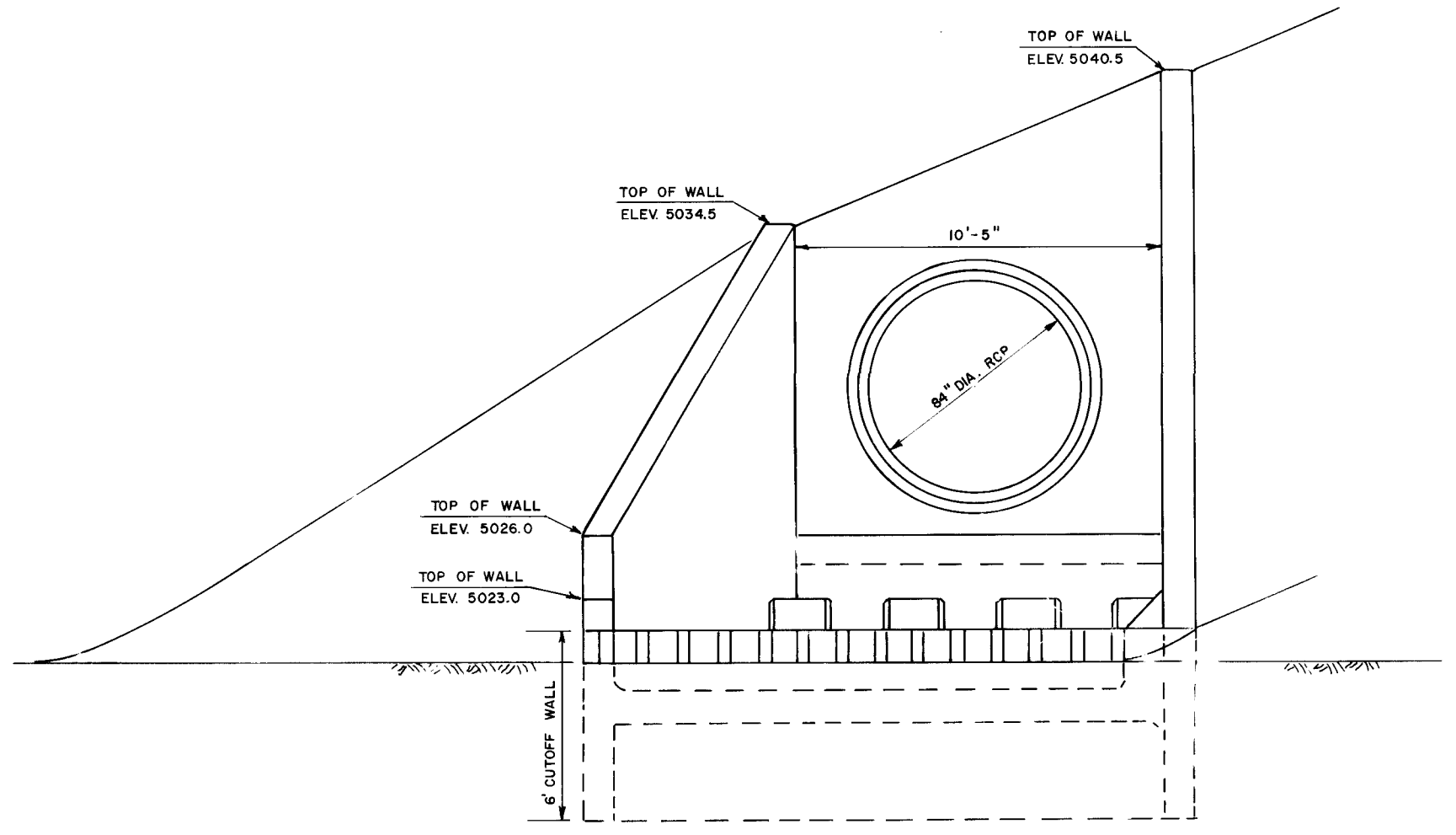
DRAWING NO. 3040 **MAP NO.** B-13 **SHEET** 26 **OF** 49



PLAN
NO SCALE



SECTION @ PIPE C
NO SCALE



ELEVATION
NO SCALE

NOTES:
1. PORTLAND CEMENT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 602 - PORTLAND CEMENT FLYASH CONCRETE CHANNEL LINING - EXCEPT THAT 3/4" MAXIMUM SIZED AGGREGATE SHALL BE USED. THE CONCRETE SHALL BE MIXED WITH A MAXIMUM SLUMP OF 3 INCHES.
2. EXPOSED CONCRETE SURFACES SHALL BE GIVEN A CLASS II SURFACE FINISH AND ALL EXPOSED EDGES SHALL HAVE 3/4" CHAMFER.

AS-BUILT INFORMATION	
CONTRACTOR	DATE
WORK STARTED BY	DATE
FIELD ACCEPTANCE BY	DATE
REVISIONS BY	DATE
DRAWINGS BY	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

ENGINEER'S SEAL
Sebastian
2-4-87

SURVEY INFORMATION	
FIELD NOTES	
NO.	
BY	
DATE	
BENCH MARKS	
ACS STATION 1-B13 ELEV. 5045.088	
BRASS TABLET SET IN TOP OF A CONCRETE POST LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.	

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

1 2 3 4 5 6 7 8 9 10 11 12
26 30 40 28 8 7

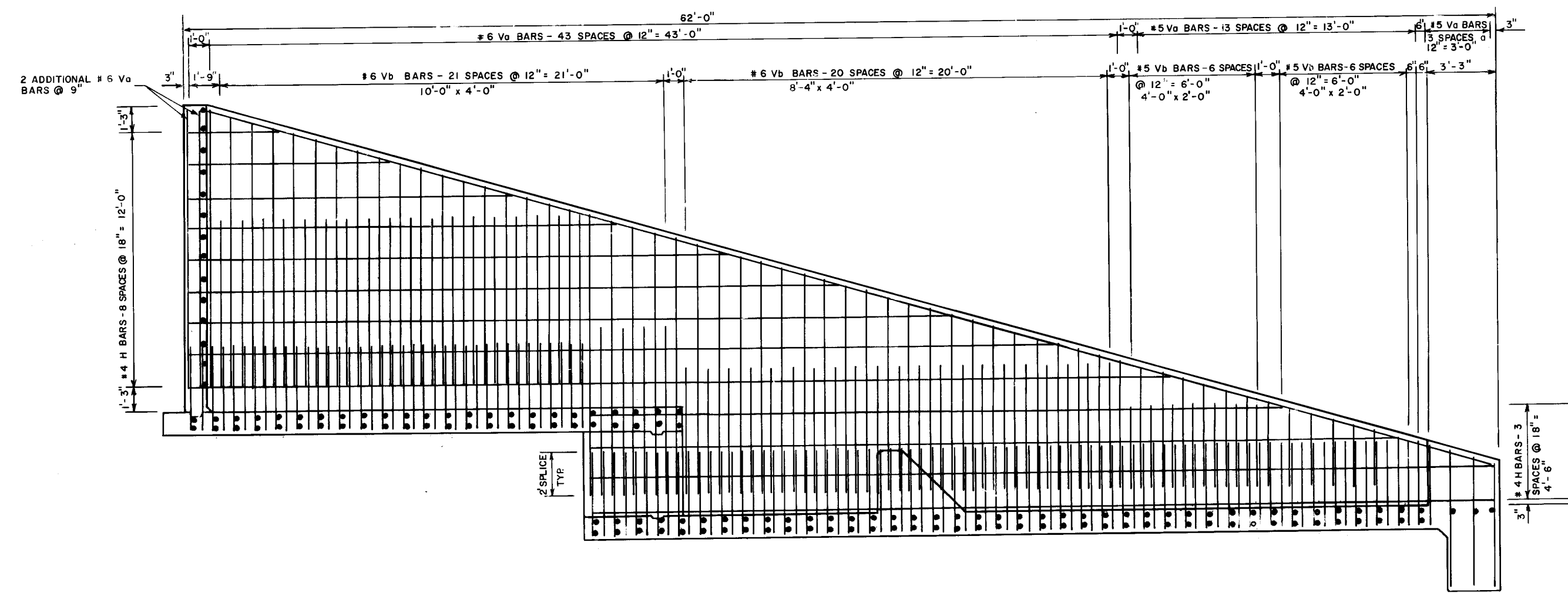
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: **7-BAR BY-PASS ROAD
OUTLET STRUCTURE DETAILS**

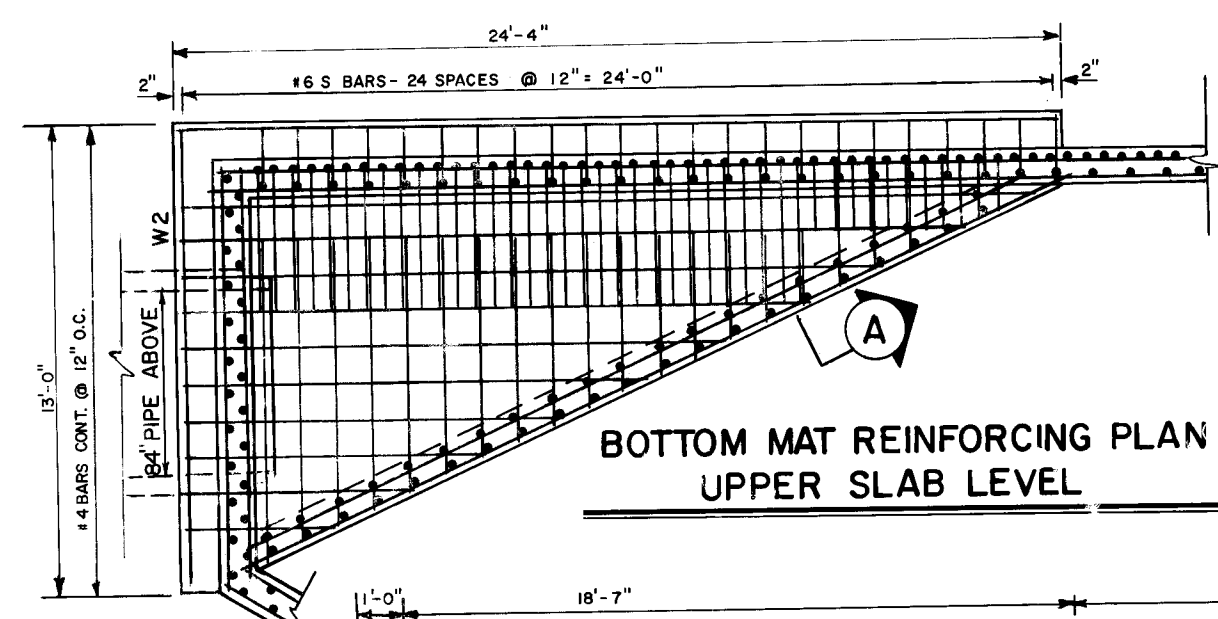
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/5/87	Liquid Waste	W/W	2-11-87
A C E - Design	"	"	Traffic	N.A. D.W.H.	2/24/87
A C E - Hydrology	<i>[Signature]</i>	3/5/87	Water	W/W	2-11-87
AMAFCA	<i>[Signature]</i>	3/5/87			

DRAWING NO. **3040** MAP NO. **B-13** SHEET **28** OF **49**

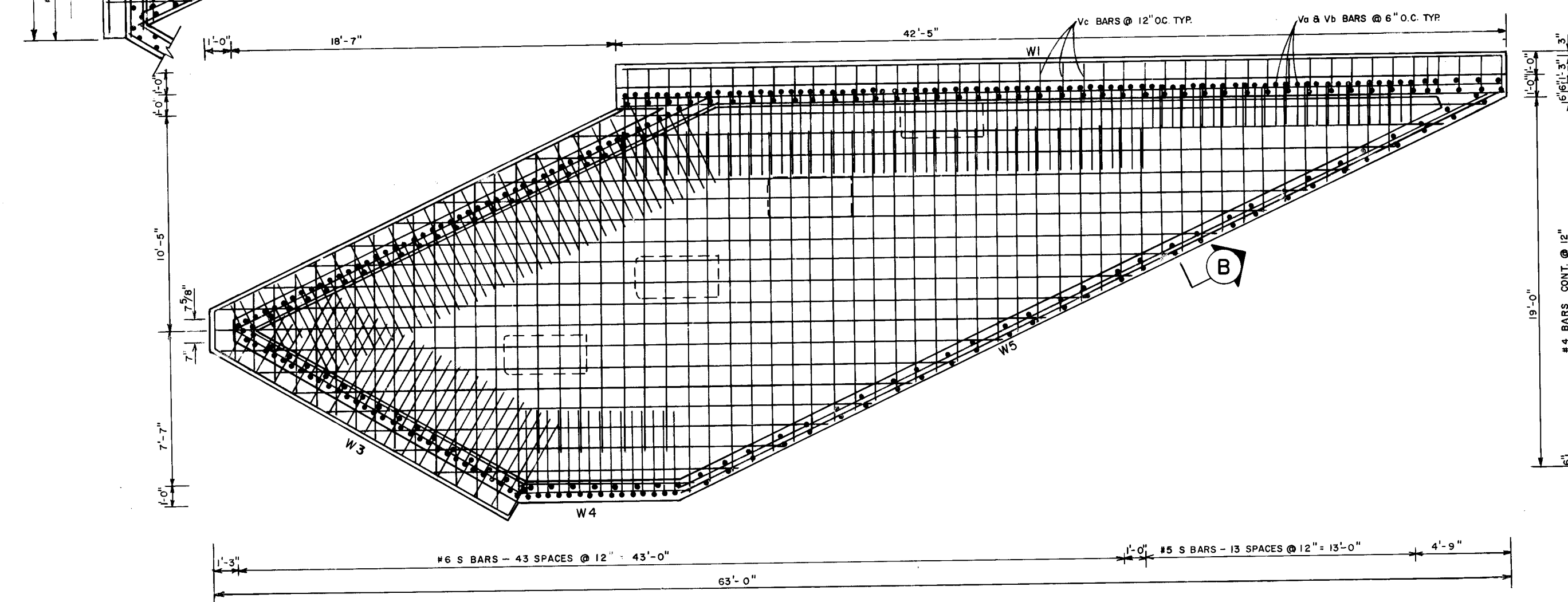
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52



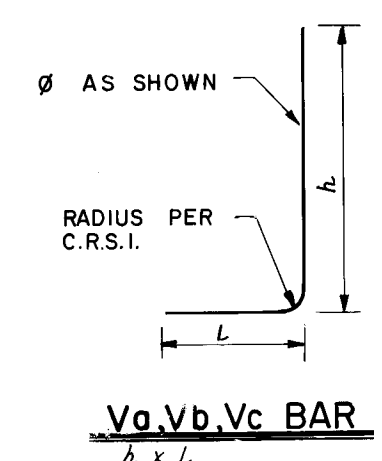
REAR WALL ELEVATION-WALL W1
NO SCALE



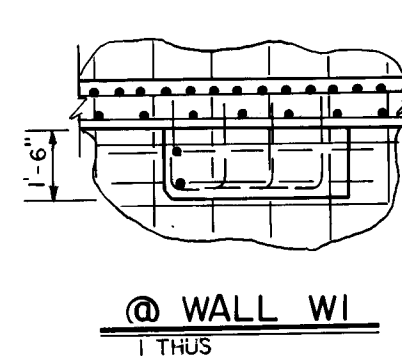
BOTTOM MAT REINFORCING PLAN
UPPER SLAB LEVEL



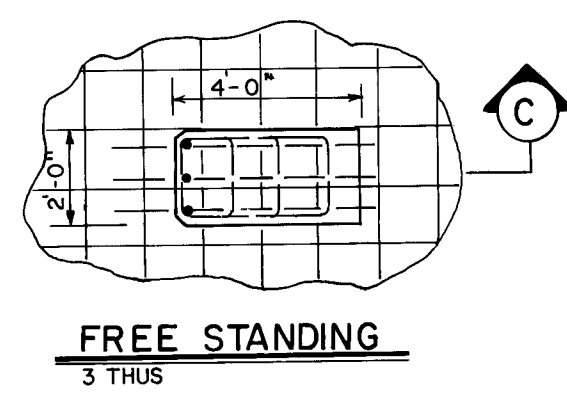
BOTTOM MAT REINFORCING PLAN- LOWER SLAB LEVEL
NO SCALE



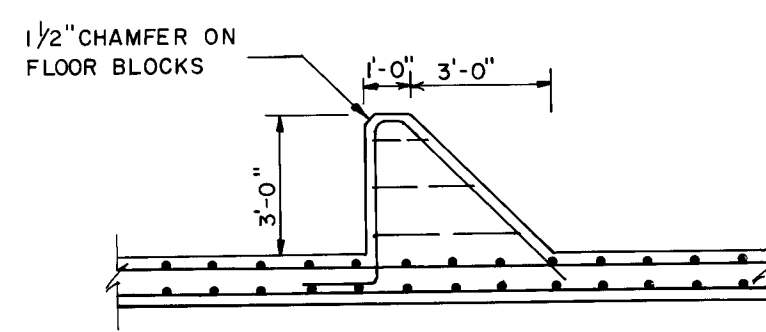
V_a V_b V_c BAR
a x b



WALL W1
1 THUS

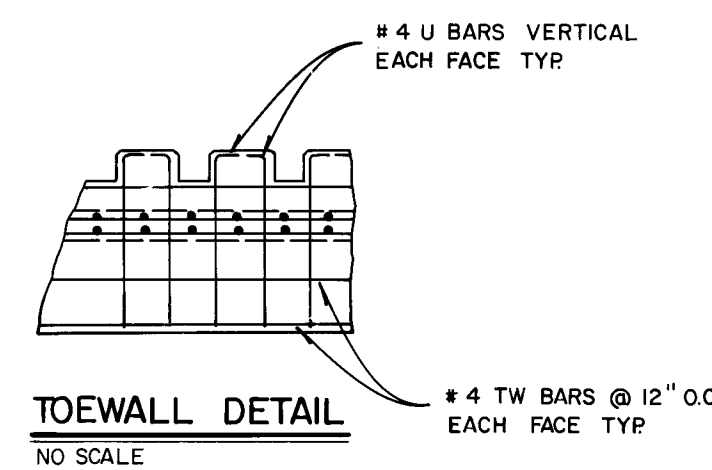


FREE STANDING
3 THUS

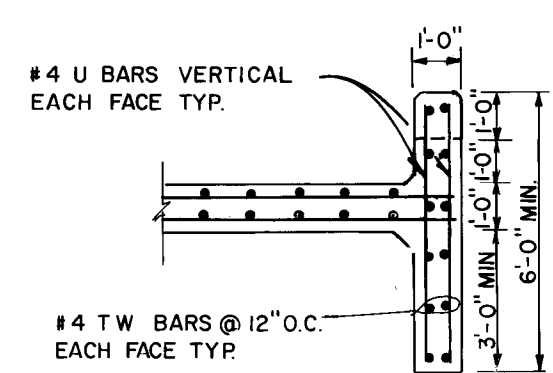


SECTION C

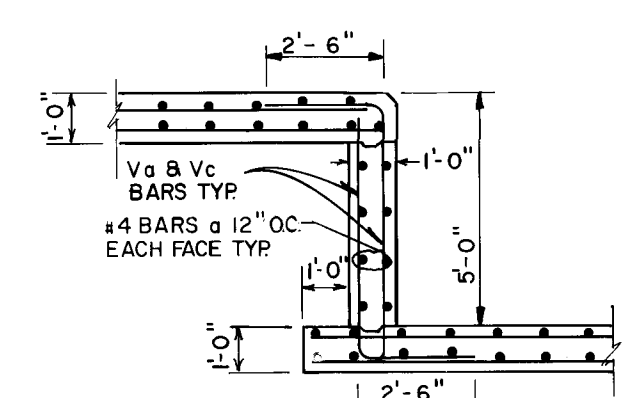
FLOOR BLOCK PLANS
NO SCALE



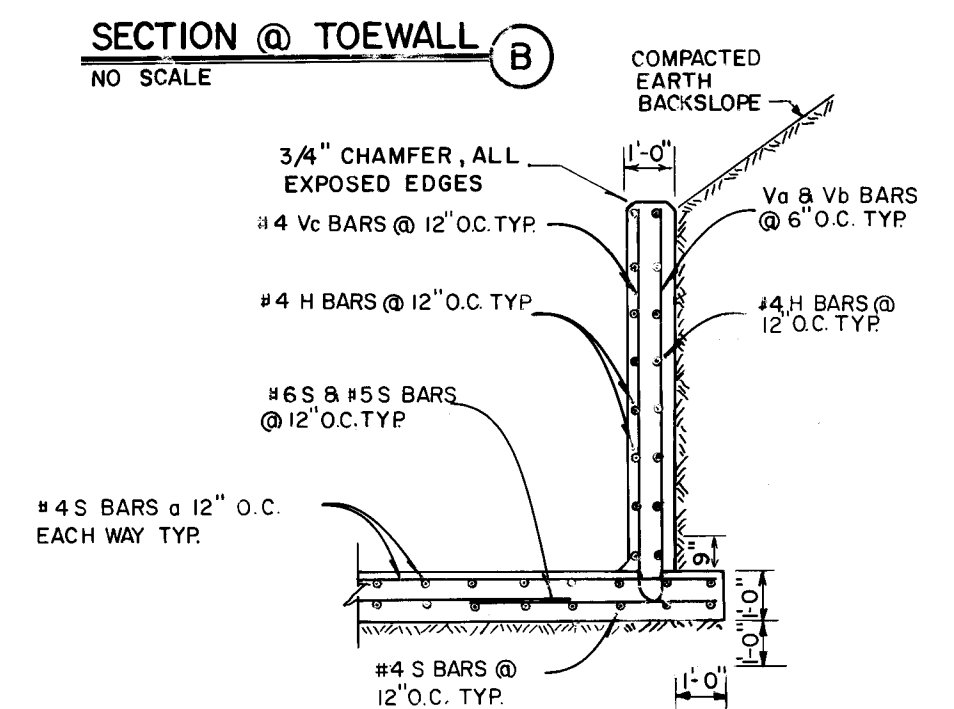
TOEWALL DETAIL
NO SCALE



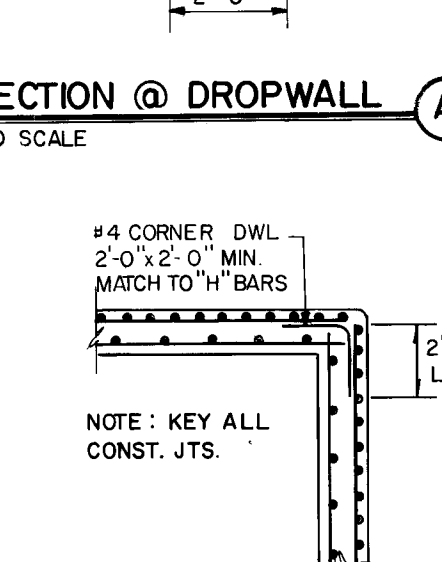
SECTION @ TOEWALL
NO SCALE



SECTION @ DROPWALL
NO SCALE



TYPICAL RETAINING WALL & SLAB FOOTING DETAIL
NO SCALE



TYPICAL CORNER DETAIL
NO SCALE

- NOTES:
- REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ASTM A615, GRADE 60.
 - REINFORCING DETAILS NOT SHOWN SHALL CONFORM TO C.R.S.I. RECOMMENDED PRACTICE.
 - #6 BARS AND SMALLER SHALL BE DETAILED FOR 30 BAR DIAMETERS MINIMUM LAPS.

AS-BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	WORK NO.	DATE	ACS STATION	DATE	NO.	BY	NO.	BY	NO.	DATE	DATE
			1-B15 ELEV. 5045.088								
			BRASS TABLE SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET SW. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.								
			REVISIONS			DESIGN			REMARKS		
			NO.			DATE			BY		
			DESIGNED BY			DRAWN BY			LAD		
			CHECKED BY			DATE			DATE		

Signature
2/24/87

26 3040 29 87

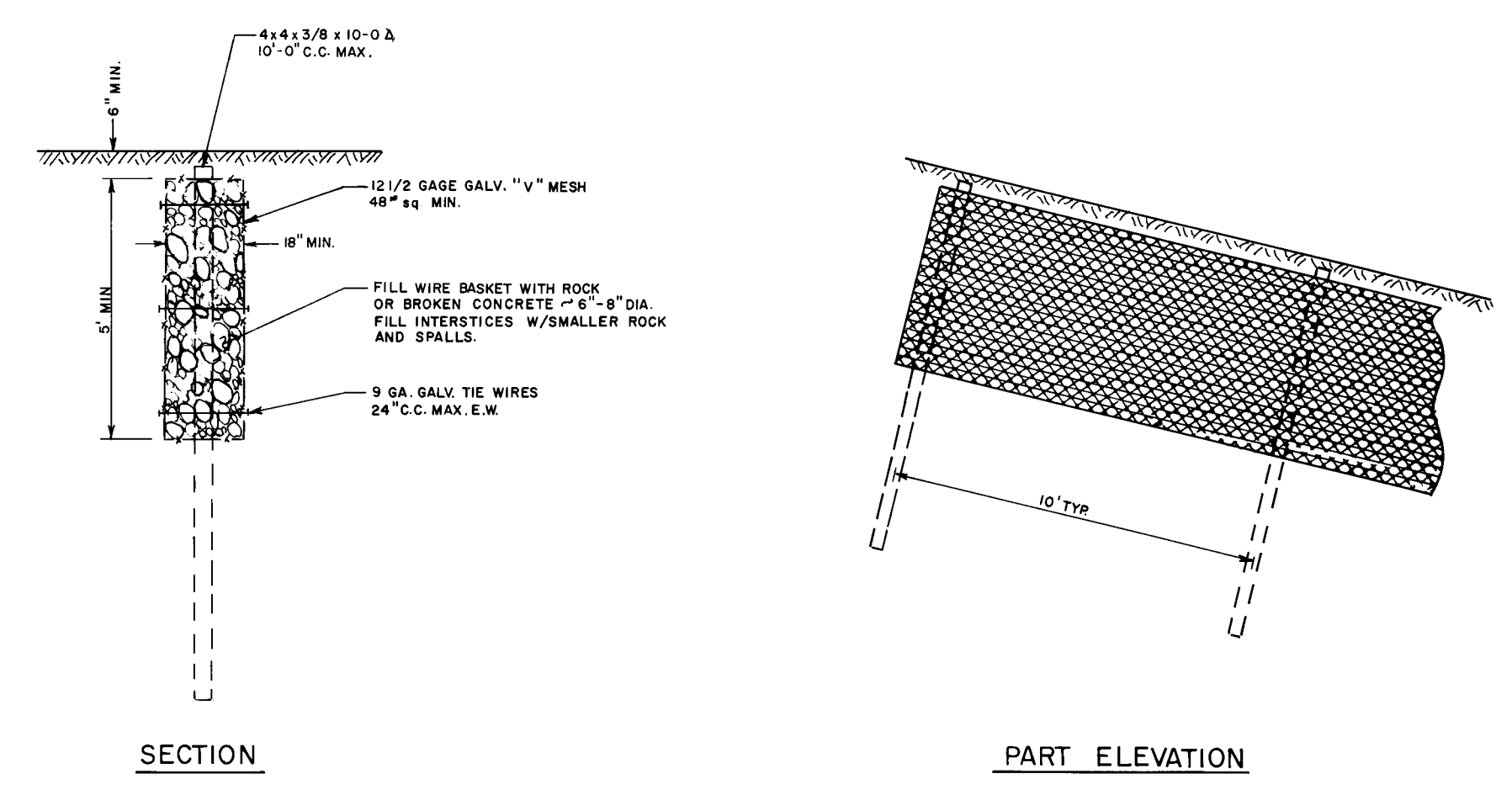
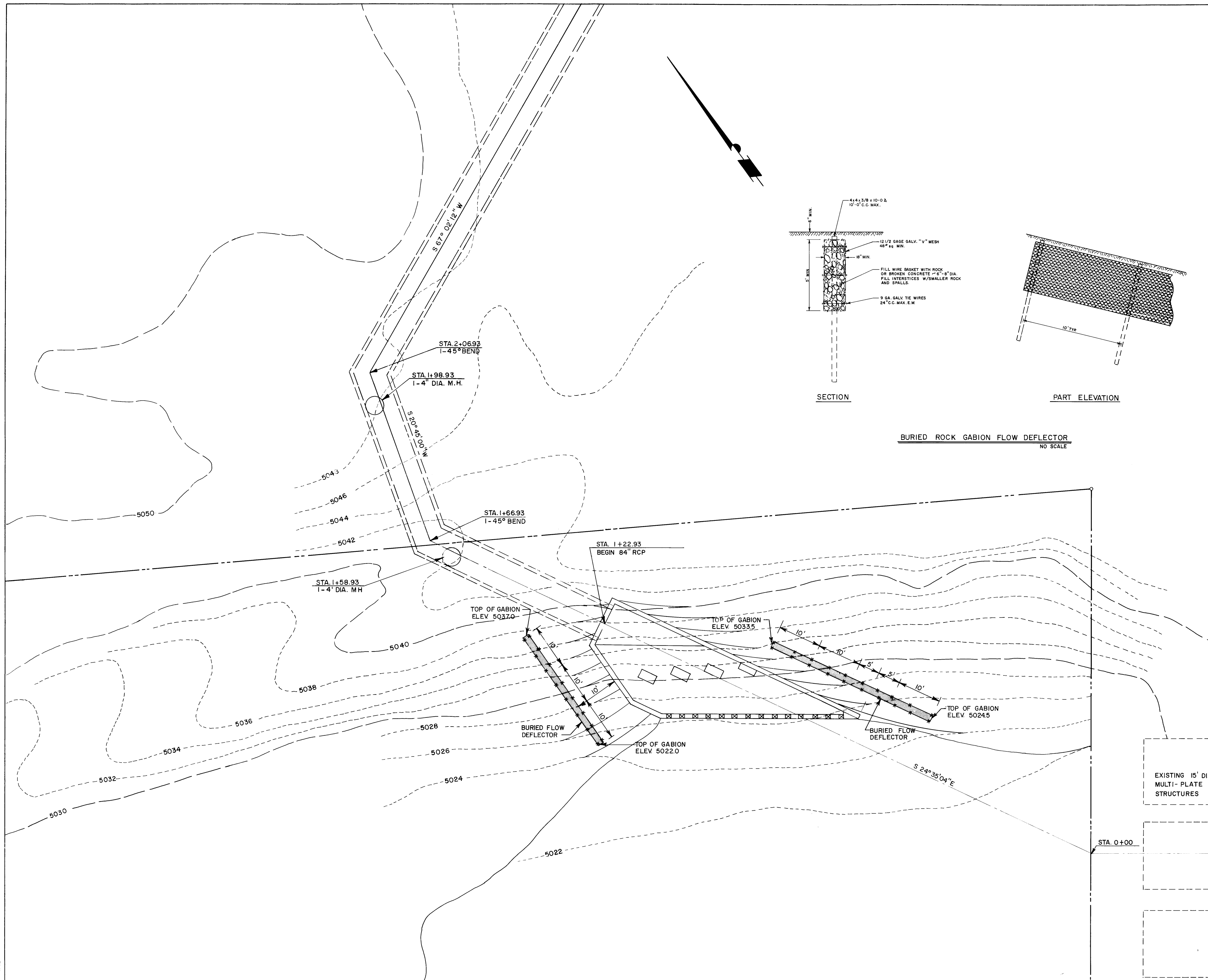
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
OUTLET STRUCTURE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>Signature</i>	3/5/87	Liquid Waste	<i>Signature</i>	2-11-87
A C E - Design			Traffic	<i>Signature</i>	2/27/87
A C E - Hydrology	<i>Signature</i>	2/25/87	Water	<i>Signature</i>	2-11-87

DRAWING NO. 3040 MAP NO. B-13 SHEET 29 OF 49

50
52



BURIED ROCK GABION FLOW DEFLECTOR
NO SCALE

NOTES:
1) ALL BACKFILL SHALL BE COMPACTED TO 95% AS DETERMINED BY ASTM D-1557

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	CONTRACTOR	WORK	DATE
			ACS STATION 1-B13	ELEV. 5045.088	
			BRASS TABLET SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET SW OF THE JUNCTION OF CUCURS RD N.W. AND IRVING BLVD		
			MICRO-FILM INFORMATION		
			RECORDED BY	DATE	

ENGINEER'S SEAL
[Signature]

NO.	DATE	REVISIONS	BY
		DESIGN	

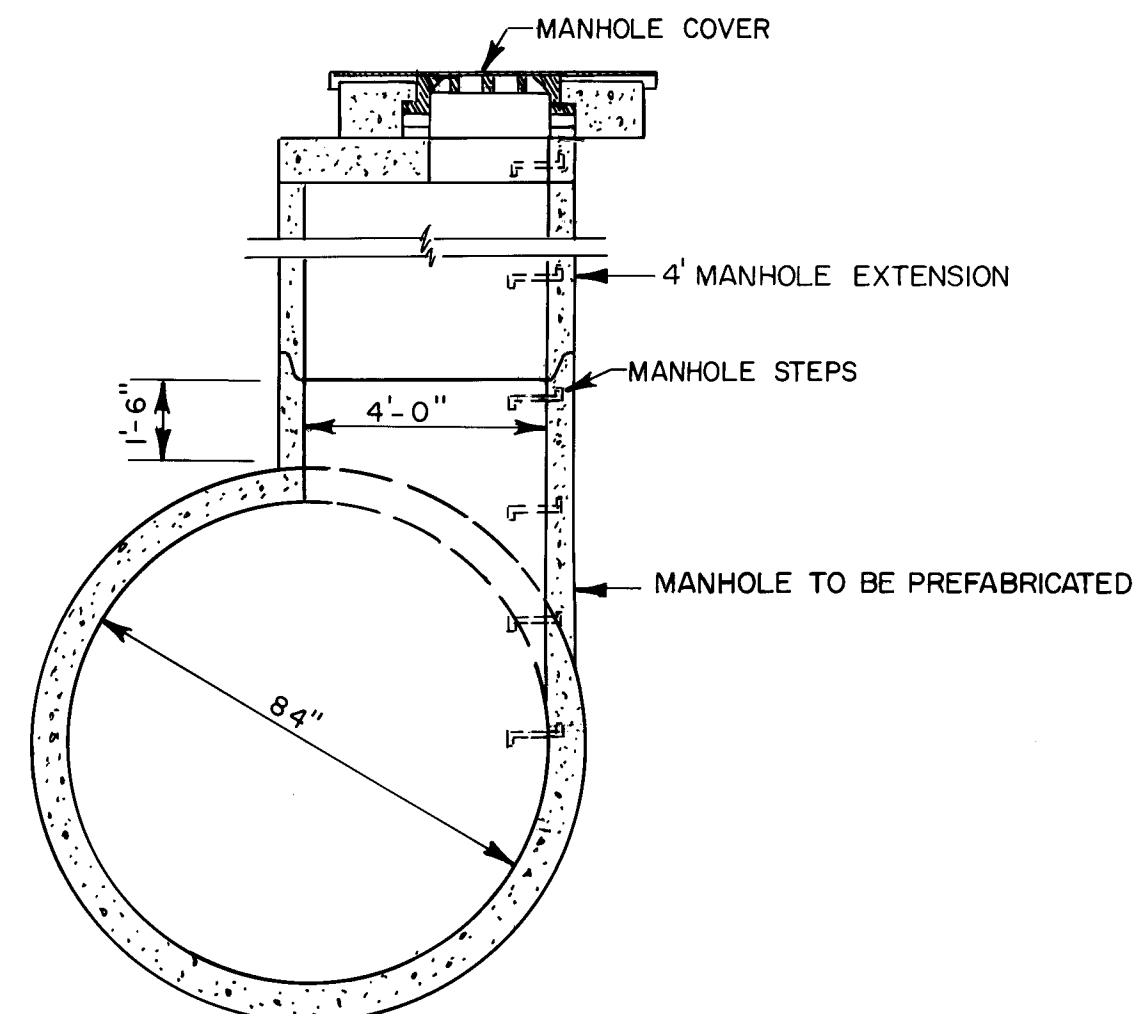
1 2 3 4 5 6 7 8 9 10 11
26 30 40 30 8 7

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: 7-BAR BY-PASS ROAD
STORM DRAIN STRUCTURE AT CALABACILLAS ARROYO

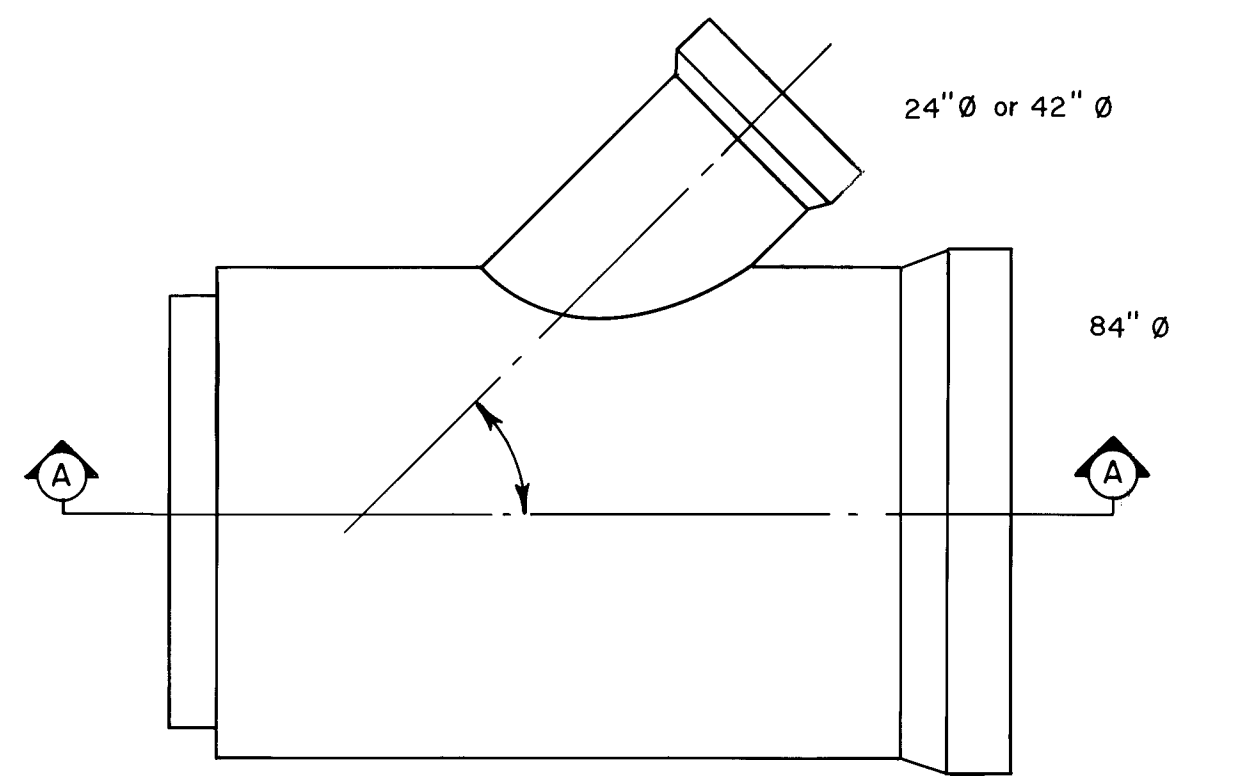
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/5/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A.C.E. Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	2/27/87
A.C.E. Hydrology	<i>[Signature]</i>	2/25/87	Water	<i>[Signature]</i>	2-11-87

DRAWING NO. 3040 MAP NO. A-13 SHEET 30 OF 49



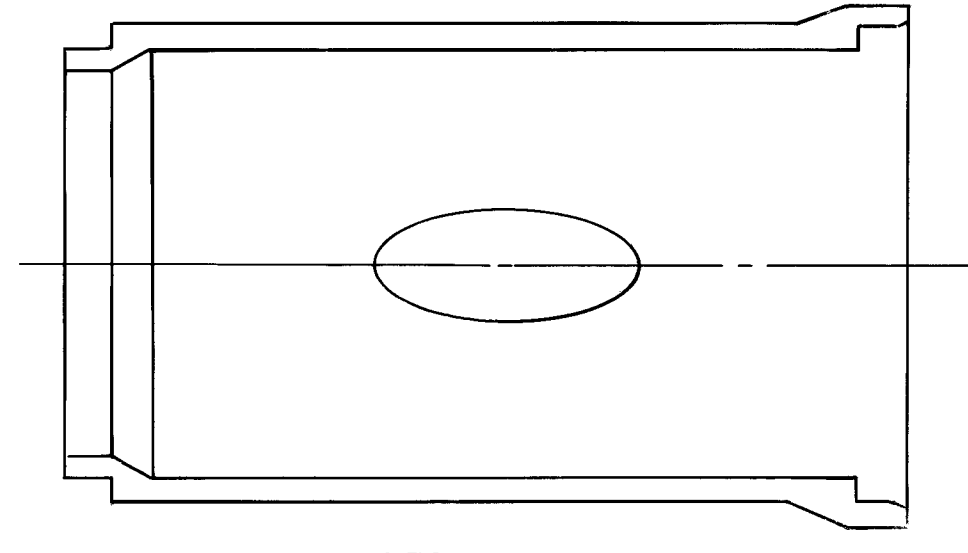
SECTION 4' MANHOLE
84" REINFORCED CONCRETE PIPE
 NO SCALE

MANHOLE STEPS SHALL BE PLACED AT A MAXIMUM SPACING OF 1'-4" O.C. STARTING 1'-6" MAX. BELOW TOP OF MANHOLE AND ENDING WITH THE STEP WITHIN 0'-8" OF THE SPRINGLINE OF THE MAIN PIPE.



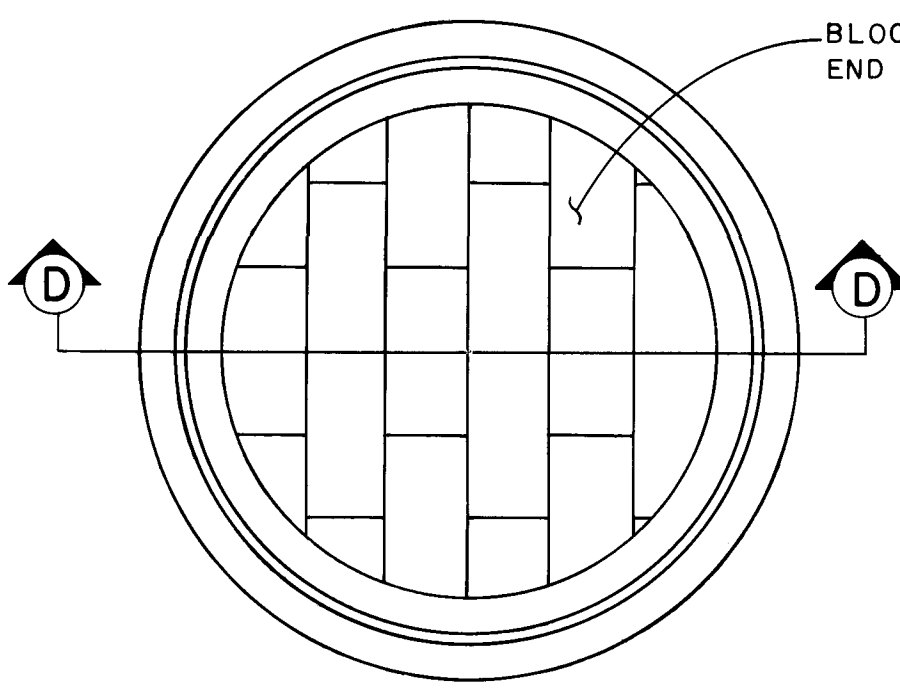
PLAN

NOTE:
 RCP TO BE CLASS III



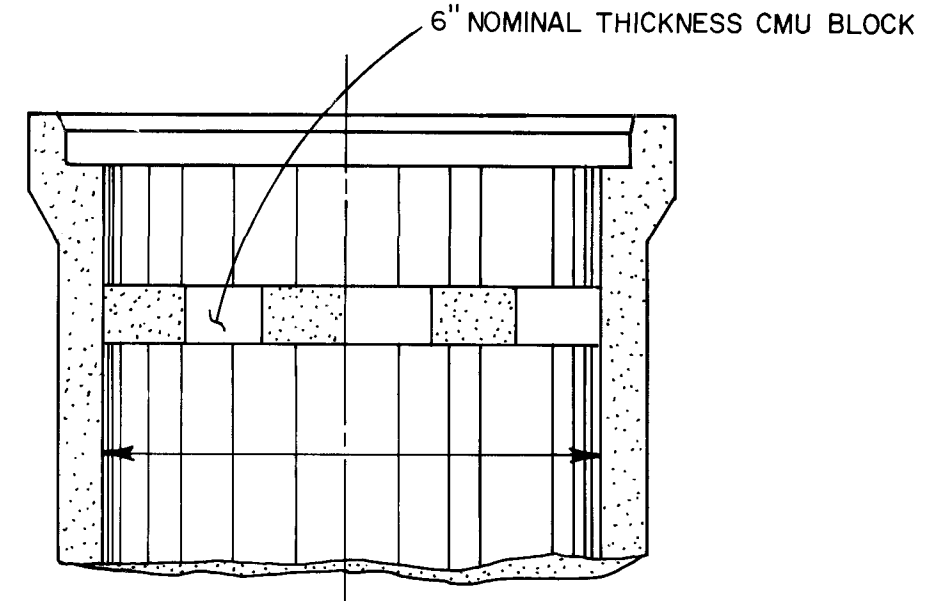
SECTION A-A

WYE OUTLET, 84" x 24" or 42"
 NO SCALE

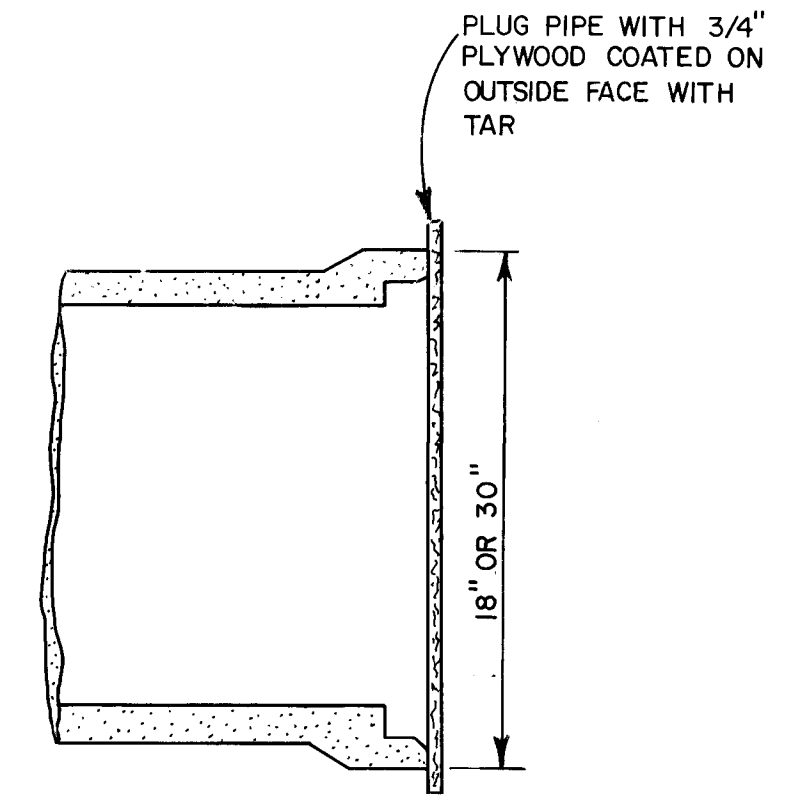


RCP END SEAL DETAIL
 NO SCALE

NOTE:
 END SEALS SHALL BE CONSIDERED INCIDENTAL TO RCP STUBOUT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.



SECTION D-D



RCP STUBOUT END PLUG DETAIL
 NO SCALE

NOTE:
 END PLUGS SHALL BE CONSIDERED INCIDENTAL TO RCP STUBOUT, NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE THEREFOR.

SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	ACS STATION I-B3 ELEV. 5045.088	CONTRACTOR	WORK DATED BY	DATE
		BRASS TABLE SET IN TOP OF A CONCRETE POST, LOCATED 170 FEET S.W. OF THE JUNCTION OF COORS RD. N.W. AND IRVING BLVD. N.W.		INSPECTED BY	DATE
				FIELD VERIFICATION BY	DATE
				RECORDED BY	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE
				NO.	

ENGINEER'S SEAL
[Signature]
 2-4-87

NO.	DATE	REVISIONS	BY	DATE
		DESIGN		
		LAD		
		CHECKED BY		

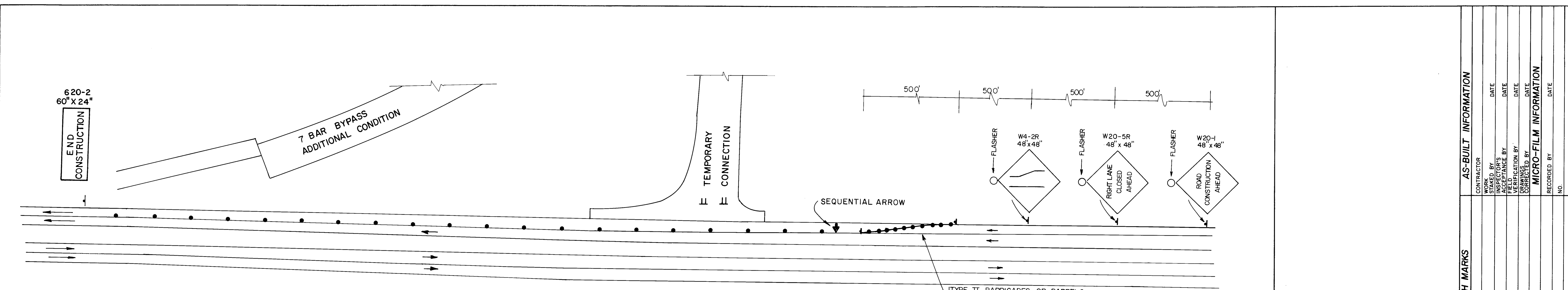
1 2 3 4 5 6 7 8 9 10 11 12
 26 30 40 31 87

CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

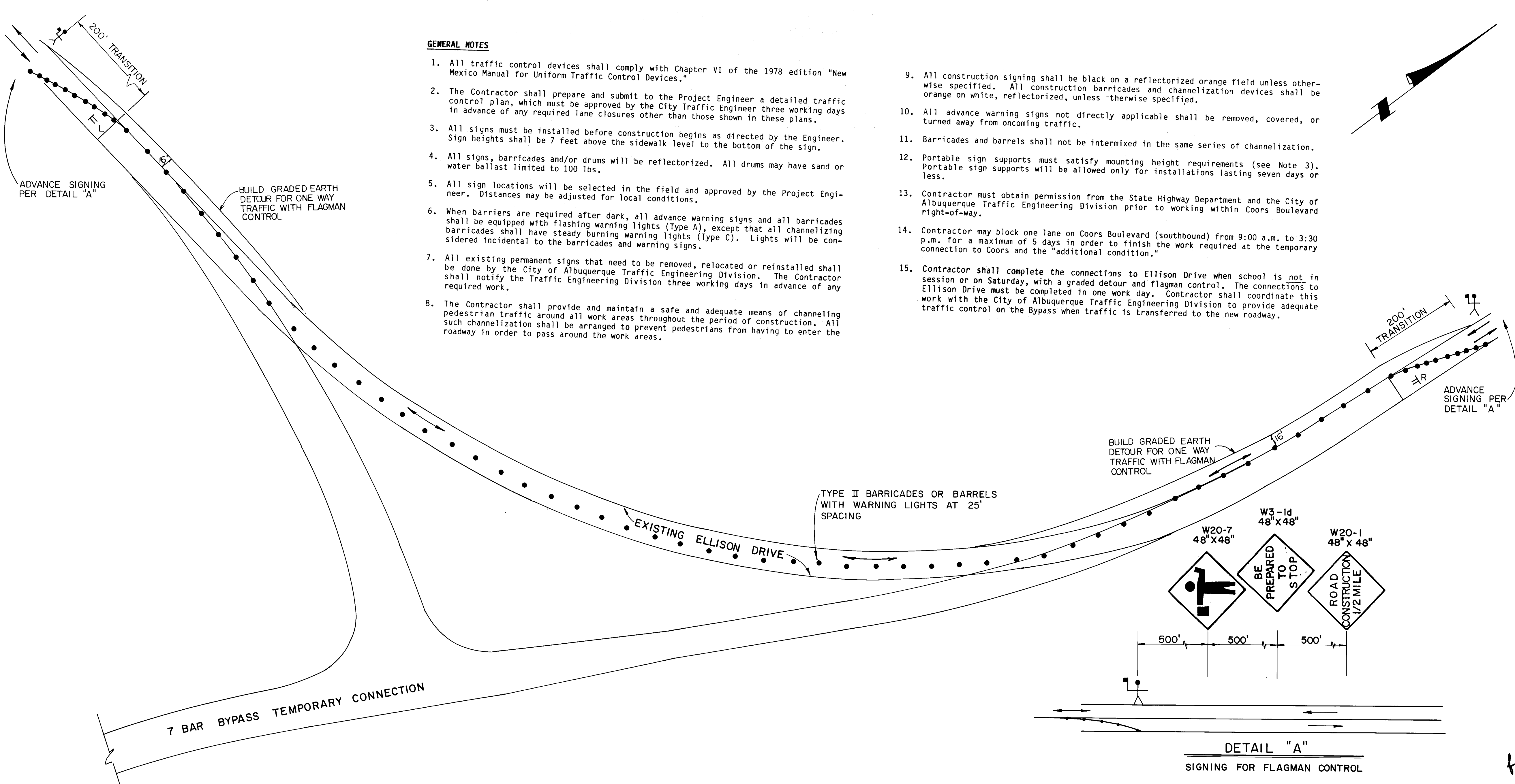
TITLE: **7-BAR BY-PASS ROAD MISCELLANEOUS DETAILS**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/5/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A.C.E. - Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	2/27/87
A.C.E. - Hydrology	<i>[Signature]</i>	2/25/87	Water	<i>[Signature]</i>	2-11-87

DRAWING NO. **3040** MAP NO. **B-13** SHEET **31** OF **49**



CONNECTION AT COORS BLVD.



CONNECTION AT ELLISON DRIVE

GENERAL NOTES

- All traffic control devices shall comply with Chapter VI of the 1978 edition "New Mexico Manual for Uniform Traffic Control Devices."
- The Contractor shall prepare and submit to the Project Engineer a detailed traffic control plan, which must be approved by the City Traffic Engineer three working days in advance of any required lane closures other than those shown in these plans.
- All signs must be installed before construction begins as directed by the Engineer. Sign heights shall be 7 feet above the sidewalk level to the bottom of the sign.
- All signs, barricades and/or drums will be reflectorized. All drums may have sand or water ballast limited to 100 lbs.
- All sign locations will be selected in the field and approved by the Project Engineer. Distances may be adjusted for local conditions.
- When barriers are required after dark, all advance warning signs and all barricades shall be equipped with flashing warning lights (Type A), except that all channelizing barricades shall have steady burning warning lights (Type C). Lights will be considered incidental to the barricades and warning signs.
- All existing permanent signs that need to be removed, relocated or reinstated shall be done by the City of Albuquerque Traffic Engineering Division. The Contractor shall notify the Traffic Engineering Division three working days in advance of any required work.
- The Contractor shall provide and maintain a safe and adequate means of channeling pedestrian traffic around all work areas throughout the period of construction. All such channelization shall be arranged to prevent pedestrians from having to enter the roadway in order to pass around the work areas.
- All construction signing shall be black on a reflectorized orange field unless otherwise specified. All construction barricades and channelization devices shall be orange on white, reflectorized, unless otherwise specified.
- All advance warning signs not directly applicable shall be removed, covered, or turned away from oncoming traffic.
- Barricades and barrels shall not be intermixed in the same series of channelization.
- Portable sign supports must satisfy mounting height requirements (see Note 3). Portable sign supports will be allowed only for installations lasting seven days or less.
- Contractor must obtain permission from the State Highway Department and the City of Albuquerque Traffic Engineering Division prior to working within Coors Boulevard right-of-way.
- Contractor may block one lane on Coors Boulevard (southbound) from 9:00 a.m. to 3:30 p.m. for a maximum of 5 days in order to finish the work required at the temporary connection to Coors and the "additional condition."
- Contractor shall complete the connections to Ellison Drive when school is not in session or on Saturday, with a graded detour and flagman control. The connections to Ellison Drive must be completed in one work day. Contractor shall coordinate this work with the City of Albuquerque Traffic Engineering Division to provide adequate traffic control on the Bypass when traffic is transferred to the new roadway.

LEGEND

- 1 CONSTRUCTION SIGN
- TYPE II BARRICADES OR BARRELS WITH WARNING LIGHTS
- R/L TYPE III BARRICADE - 8' WITH R11-2 "ROAD CLOSED" AND M4-10 "DETOUR"

1 2 3 4 5 6 7 8 9 10 11 12
26 304032187

SCALE: 1" = 50' HORIZ.

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: 7-BAR BYPASS ROAD
TRAFFIC CONTROL PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/6/87	Liquid Waste	<i>[Signature]</i>	2-11-87
A C E - Design	<i>[Signature]</i>		Traffic	NADWH	2/21/87
A C E - Hydrology	N/A	2/25/87	Water	<i>[Signature]</i>	2-11-87

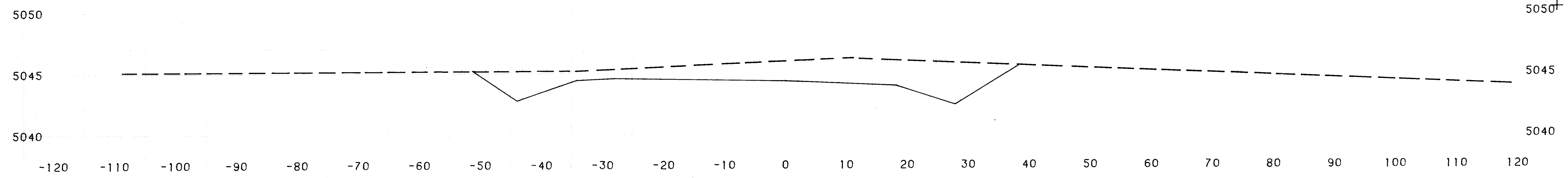
DRAWING NO. 3040 MAP NO. B-13 SHEET 32 OF 49

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	DATE

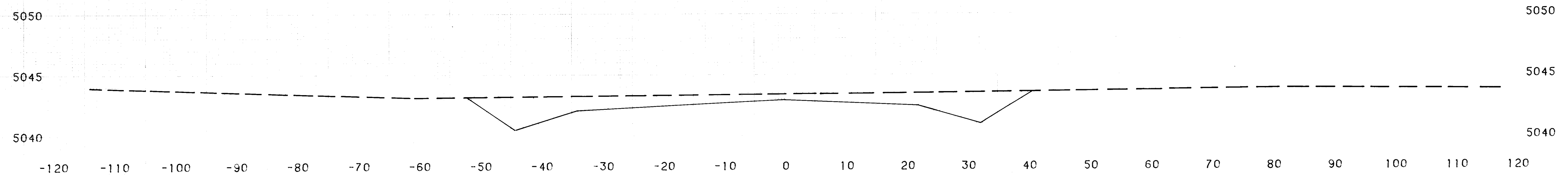
REVISIONS	DESIGN	DATE	DATE	DATE

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMP. AREAS	
NO.	CHECKED	

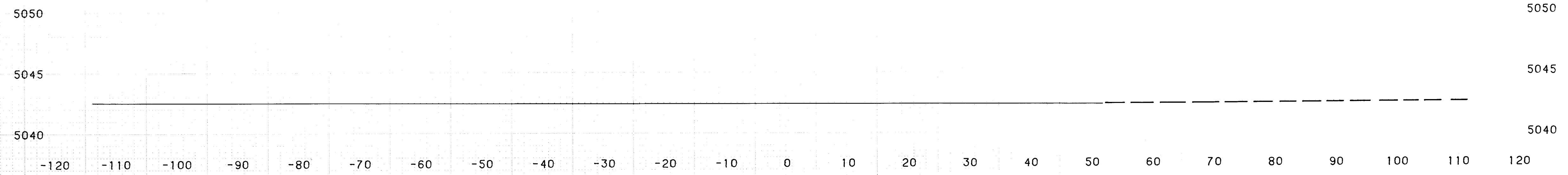
ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMP. AREAS	
NO.	CHECKED	



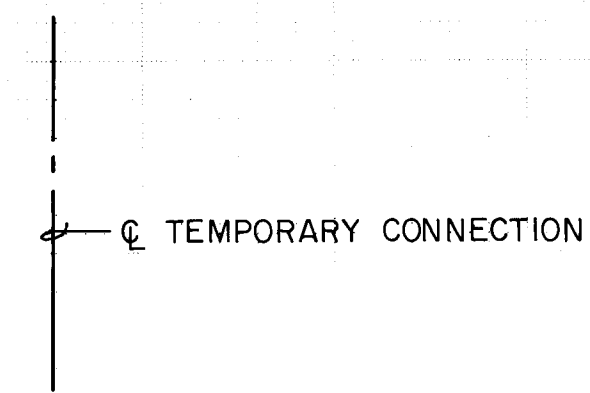
STATION 29+00.00



STATION 28+00.00



STATION 27+00.00



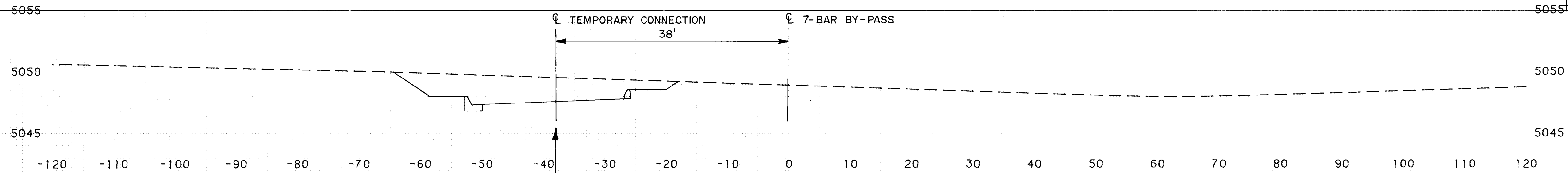
SCALE:
VERT. 1" = 5'
HORIZ. 1" = 10'

26 30403387

TEMPORARY CONNECTION TO COORS
CROSS-SECTIONS
STA. 27+00.00 TO STA. 29+00.00
DRAWING NO. 3040

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	APPROVED	
	AREAS CHECKED	

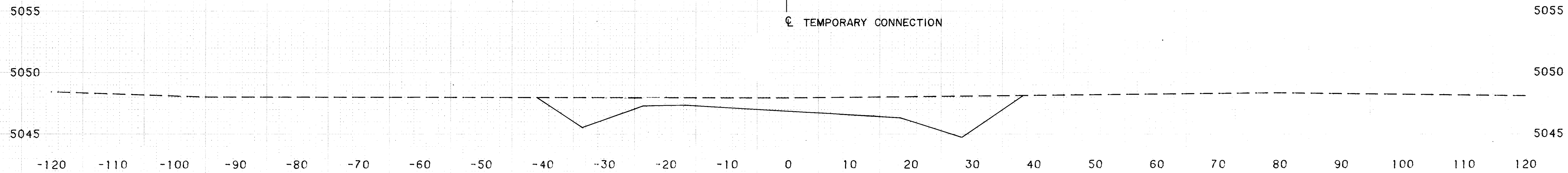
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	APPROVED	
	AREAS CHECKED	



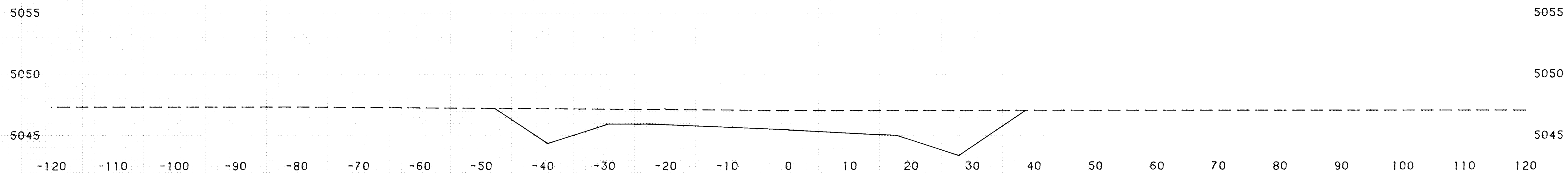
STATION 33+00.00

NOTE: \ominus TEMPORARY CONNECTION =
38' LT. OF \ominus 7-BAR BY-PASS

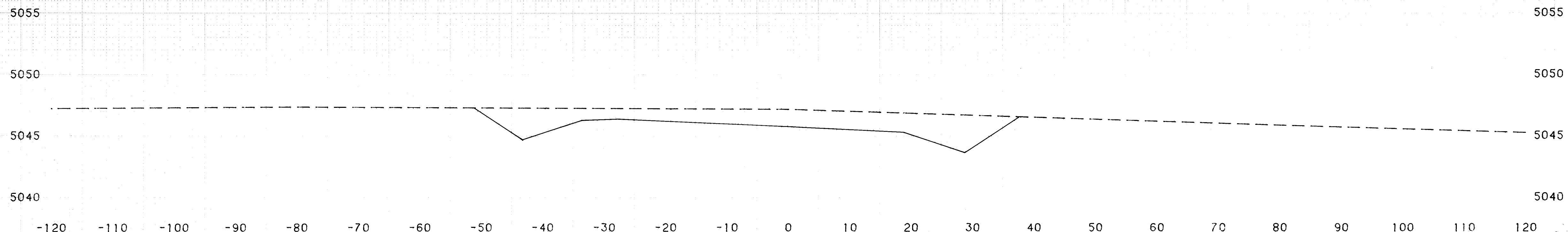
STA. 33+00 BEGIN 7-BAR BY-PASS ROAD
END TEMPORARY CONNECTION TO COORS



STATION 32+00.00



STATION 31+00.00



STATION 30+00.00

\ominus TEMPORARY CONNECTION

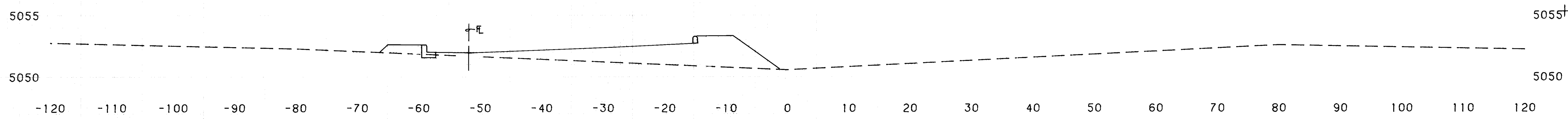
SCALE: VERT. 1" = 5'
HORIZ. 1" = 10'

26 30403497

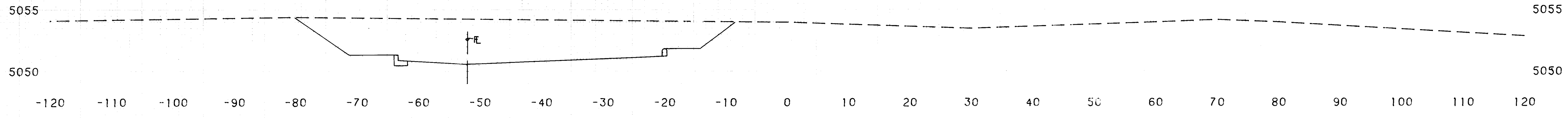
TEMPORARY CONNECTION TO COORS
CROSS-SECTIONS
STA. 30+00.00 TO STA. 33+00.00
DRAWING NO. 3040

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	NO.	
NO.	AREAS CHECKED	

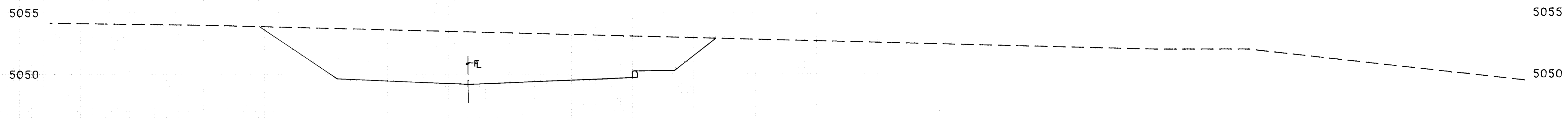
ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	NO.	
NO.	AREAS CHECKED	



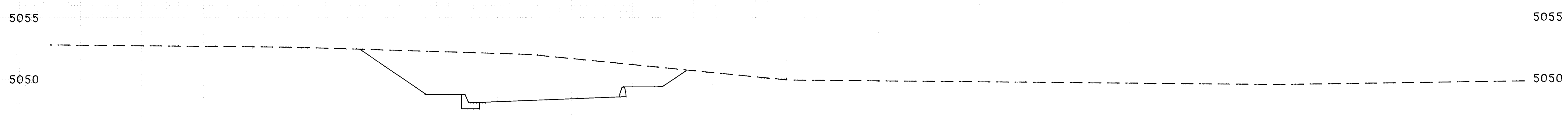
STATION 37+00.00



STATION 36+00.00



STATION 35+00.00



STATION 34+00.00

7-BAR BY-PASS

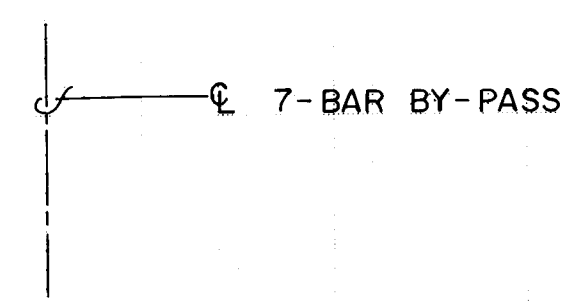
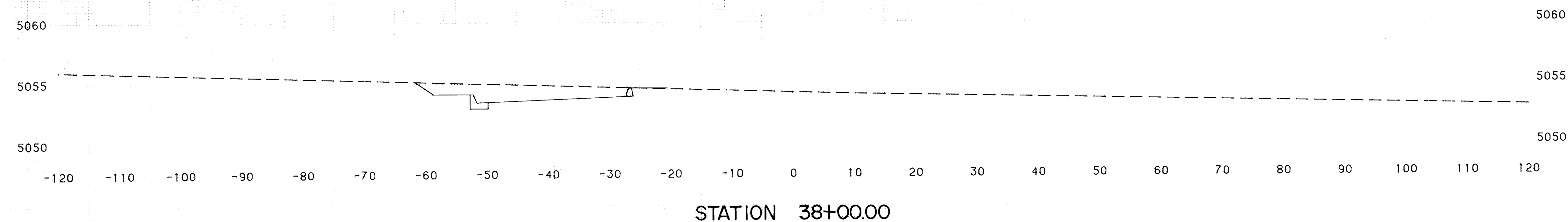
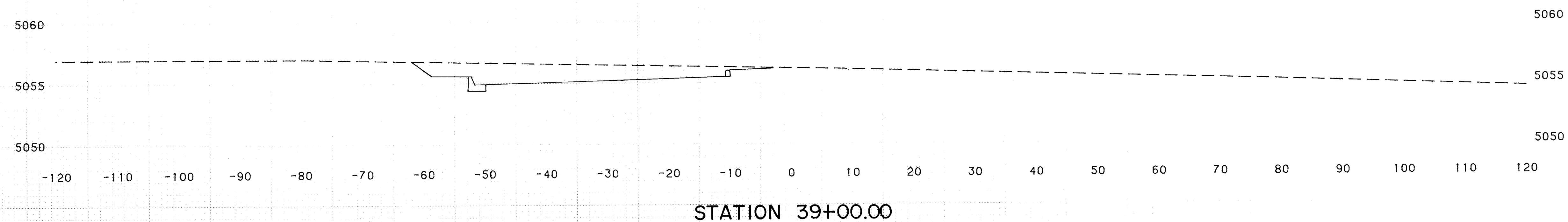
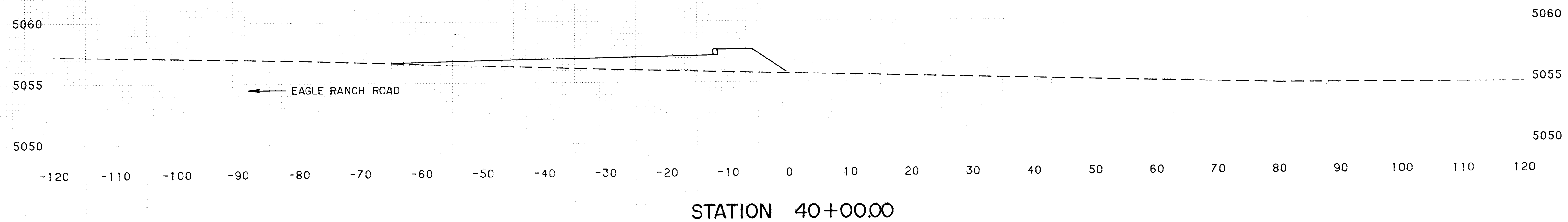
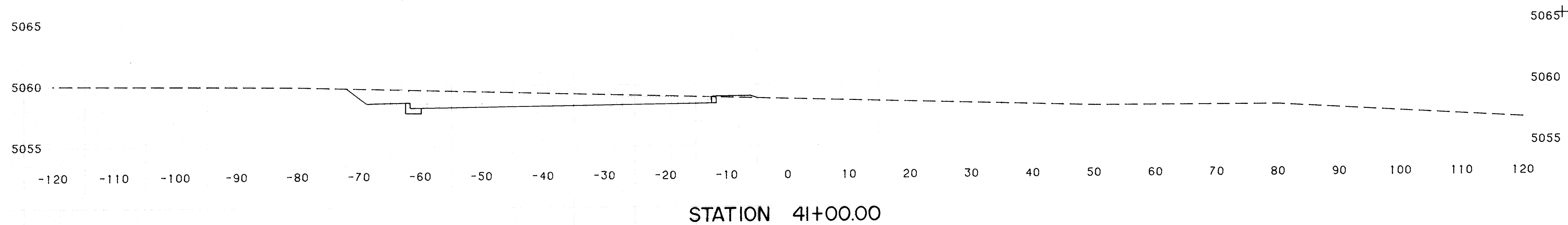
1	2	3	4	5	6	7
26	30	40	35	87		

SCALE: VERT. 1" = 5'
HORIZ. 1" = 10'

7-BAR BY-PASS
CROSS-SECTIONS
STA. 34+00.00 TO STA. 37+00.00
DRAWING NO. 3040

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS CHECKED	



216 30403687

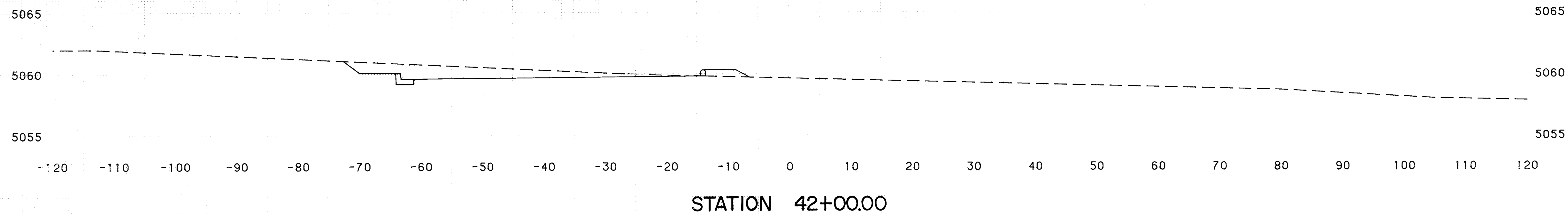
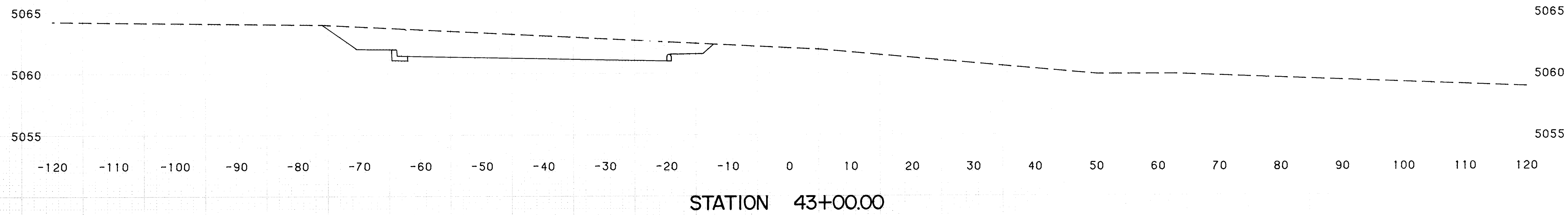
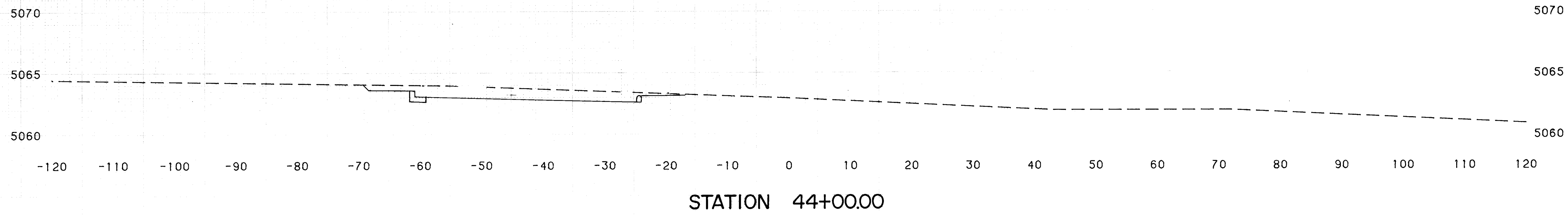
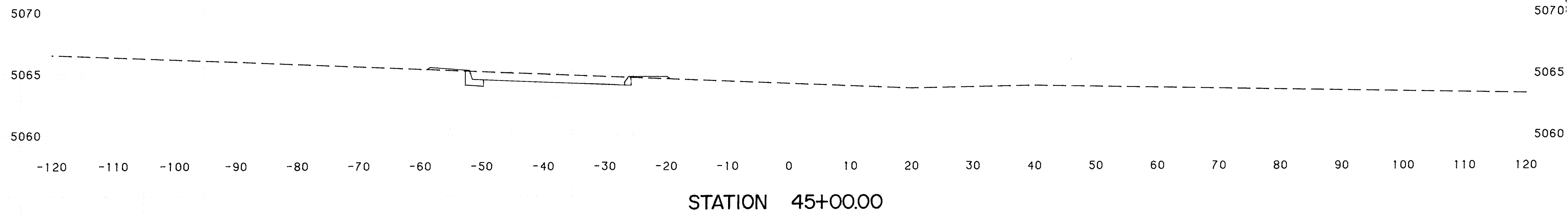
SCALE:
VERT. 1" = 5'
HORIZ. 1" = 10'

7-BAR BY-PASS
CROSS-SECTIONS
STA. 38+00.00 TO STA. 41+00.00
DRAWING NO. 3040

PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS	
	CHECKED	



2	6	3	0	4	0	3	7	8	7
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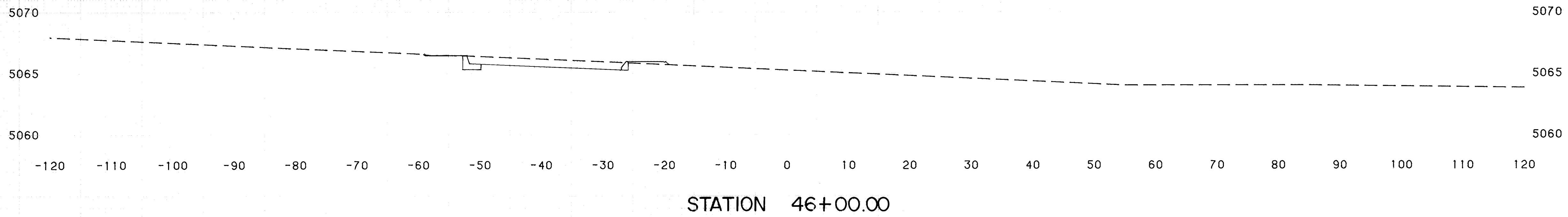
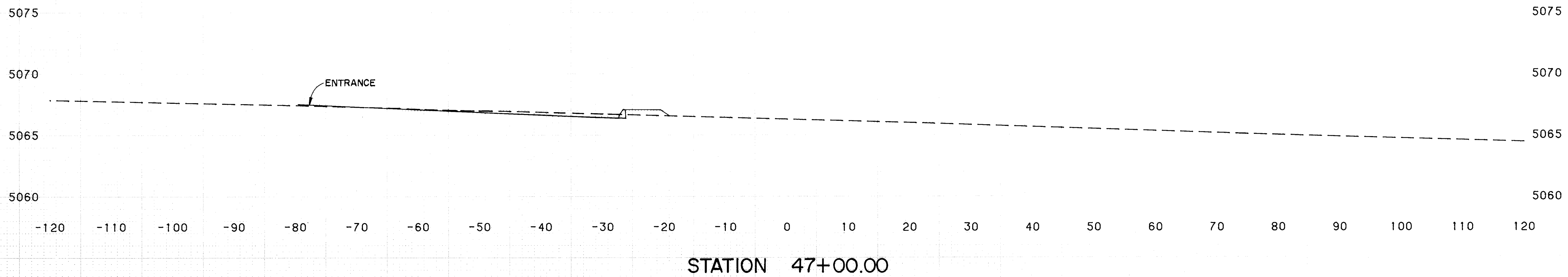
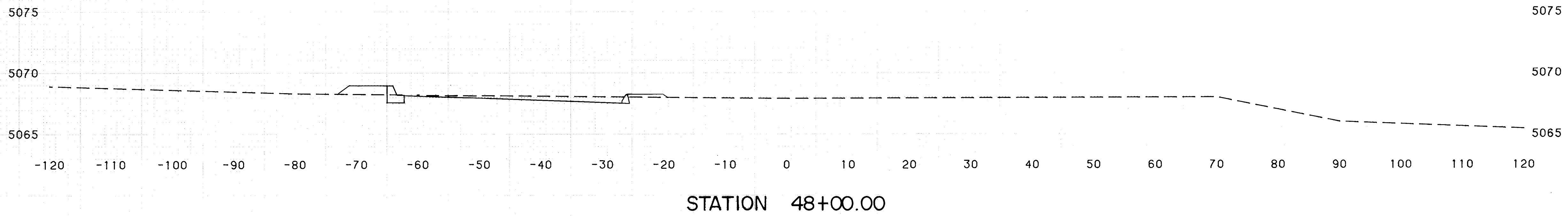
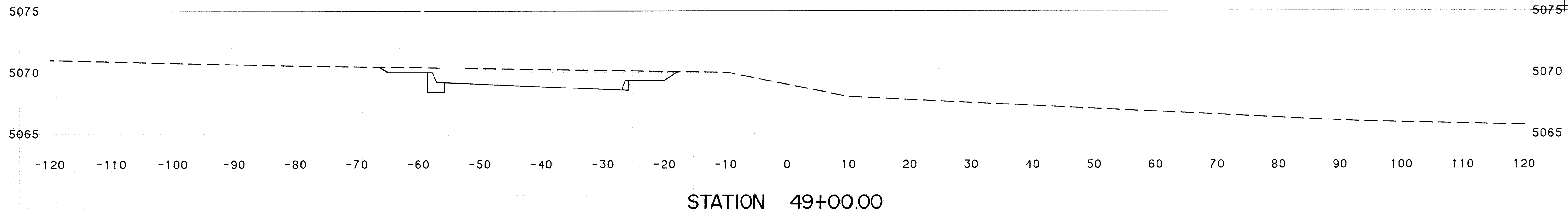
SCALE:
VERT. 1" = 5'
HORIZ. 1" = 10'

7-BAR BY-PASS
CROSS-SECTIONS
STA. 42+00.00 TO STA. 45+00.00
DRAWING NO. 3040

PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	DATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	DATE	
NO.	AREAS CHECKED	



7-BAR BY-PASS

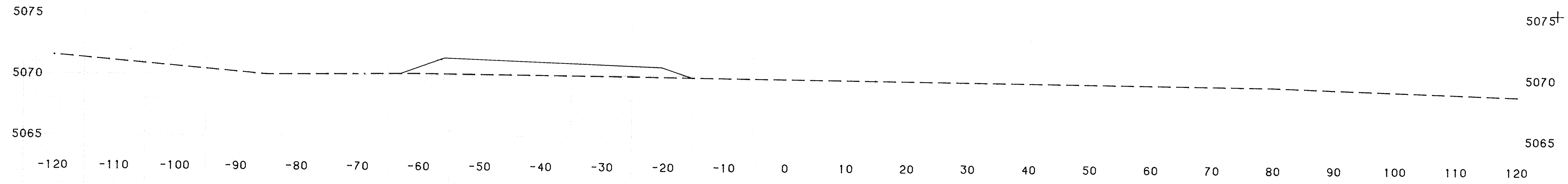
216 304.03887

SCALE: VERT. 1" = 5'
HORIZ. 1" = 10'

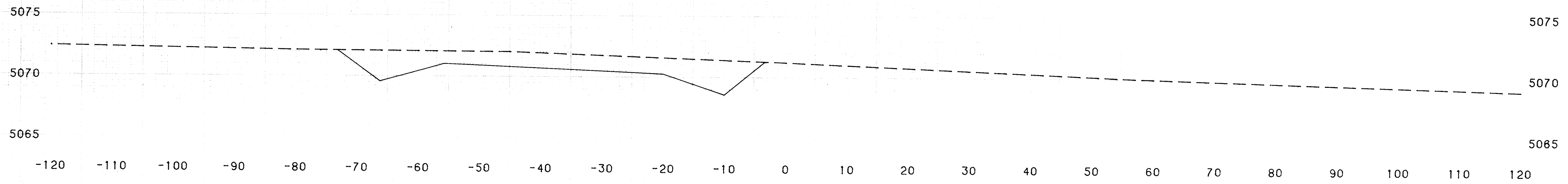
7-BAR BY-PASS
CROSS-SECTIONS
STA. 46+00.00 TO STA. 49+00.00
DRAWING NO. 3040

FINAL		DATE
SURVEY		
NOTE BOOK		
NO.		
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		

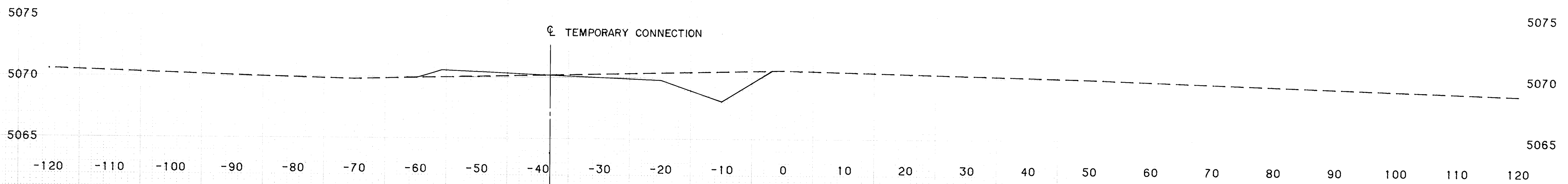
ORIGINAL		DATE
SURVEY		
NOTE BOOK		
NO.		
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS CHECKED		



STATION 53+00.00

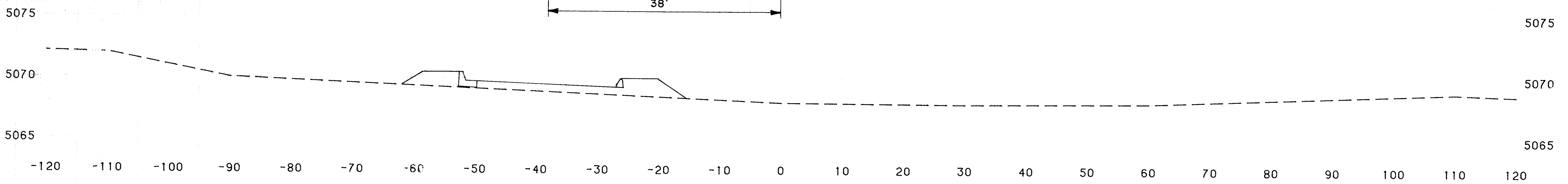


STATION 52+00.00



STATION 51+00.00

STA. 50+25.57 — BEGIN TEMPORARY CONNECTION TO ELLISON DRIVE
END 7-BAR BY-PASS ROAD



STATION 50+00.00

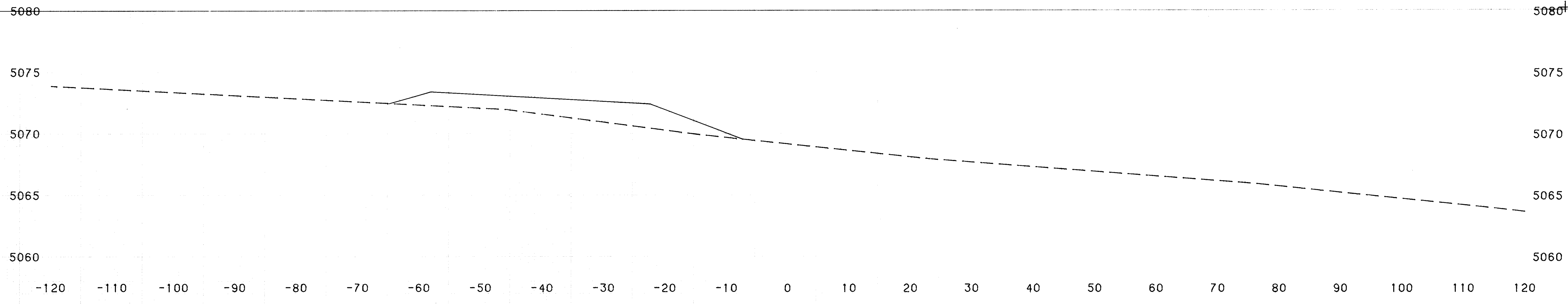
SCALE: VERT. 1" = 5'
HORIZ. 1" = 10'

26 30403987

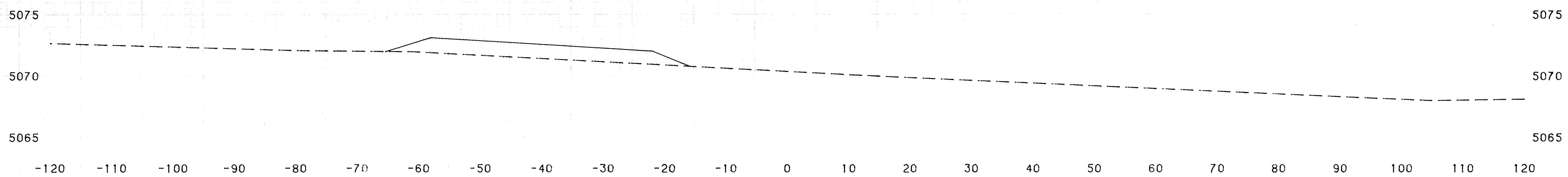
TEMPORARY CONNECTION TO
ELLISON DRIVE AND
7-BAR BY-PASS
CROSS-SECTIONS
STA. 50+00.00 TO STA. 53+00.00
DRAWING NO. 3040

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	DATE	
	AREAS CHECKED	

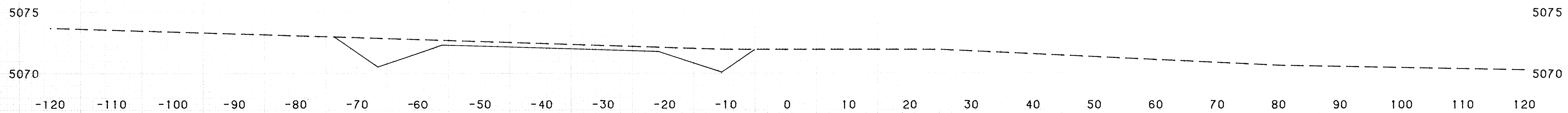
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	DATE	
	AREAS CHECKED	



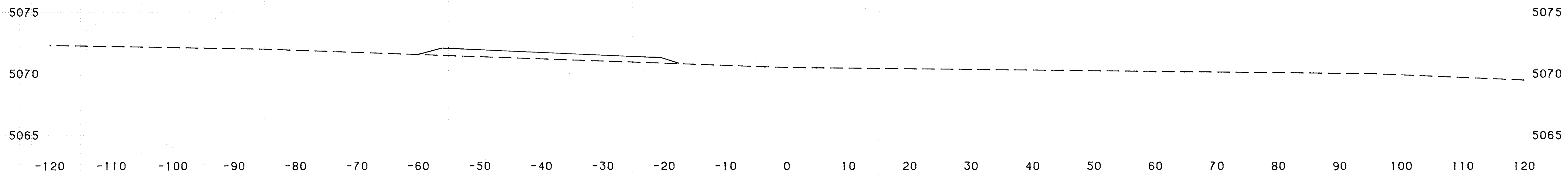
STATION 57+00.00



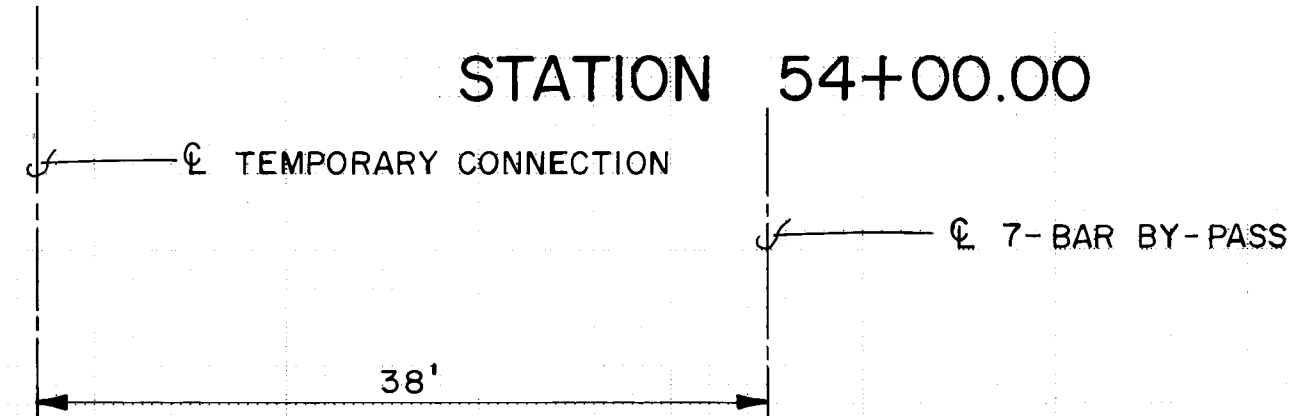
STATION 56+00.00



STATION 55+00.00



STATION 54+00.00



26 310404087

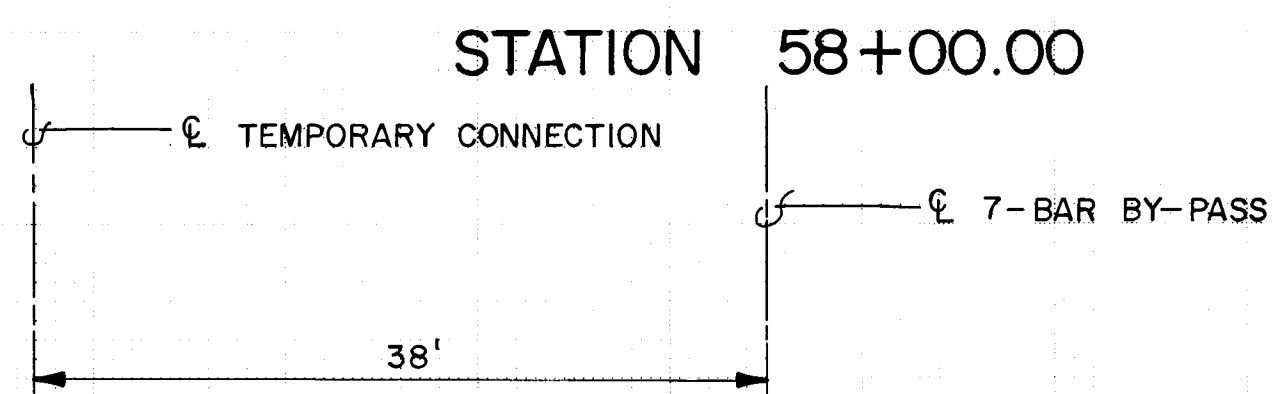
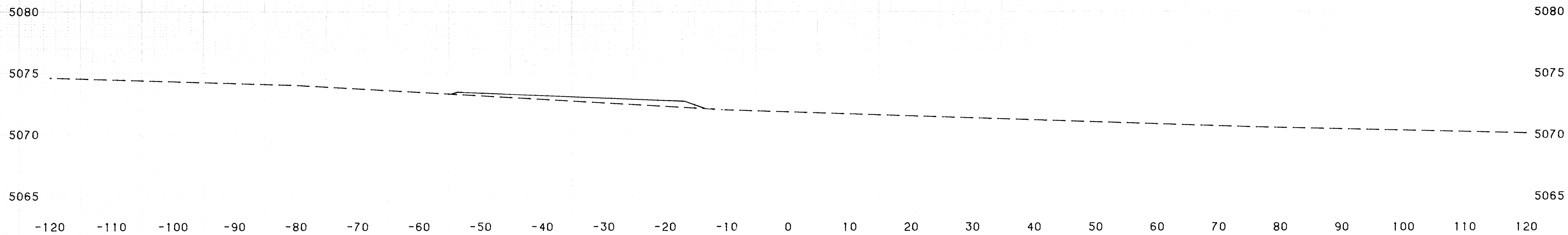
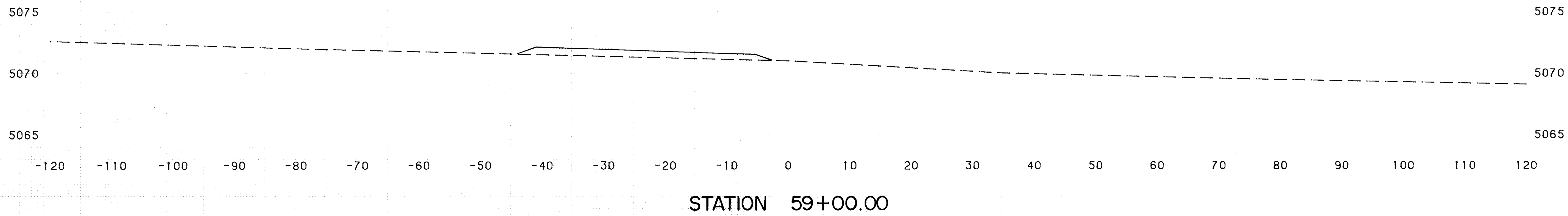
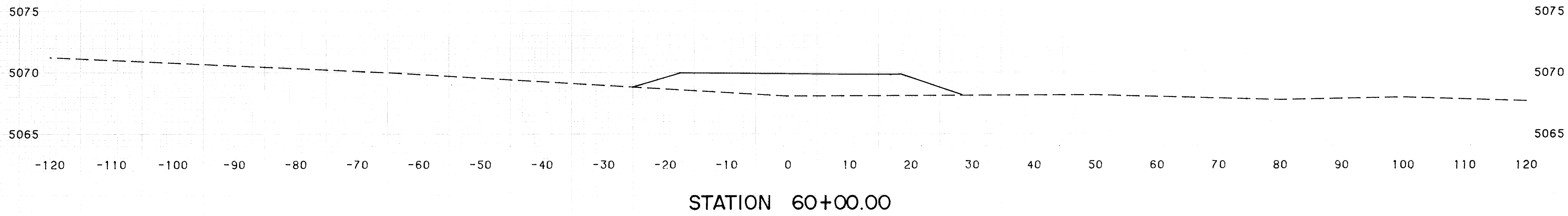
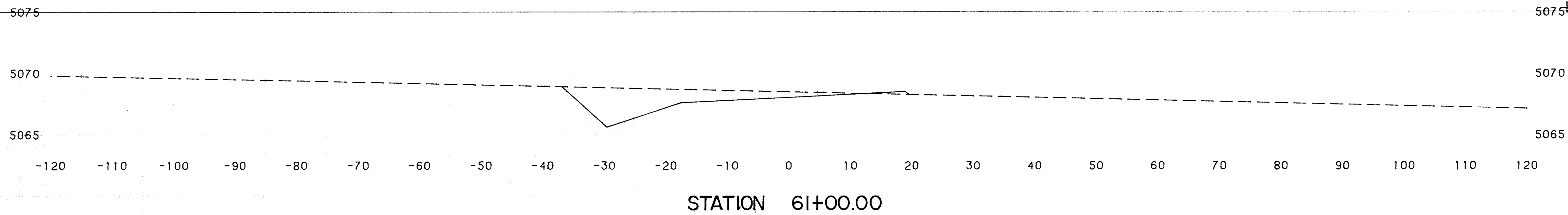
SCALE: VERT. 1" = 5'
HORIZ. 1" = 10'

TEMPORARY CONNECTION
TO ELLISON
CROSS-SECTIONS
STA. 54+00.00 TO STA. 57+00.00
DRAWING NO. 3040

PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	DATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	DATE	
	AREAS	
	CHECKED	



26 30404187

NOTE:
 ⊕ TEMPORARY CONNECTION SHIFTS
 FROM 38' LT. STA. 56+94.21 TO
 38' RT. STA. 62+89.53

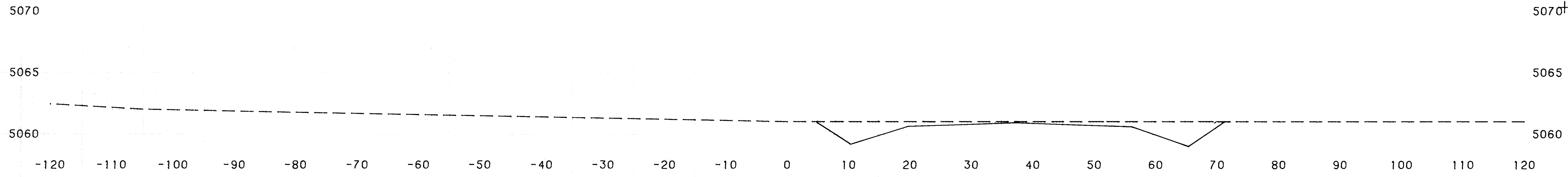
SCALE:
 VERT. 1" = 5'
 HORIZ. 1" = 10'

TEMPORARY CONNECTION
 TO ELLISON
 CROSS-SECTIONS
 STA. 58+00.00 TO STA. 61+00.00
 DRAWING NO. 3040

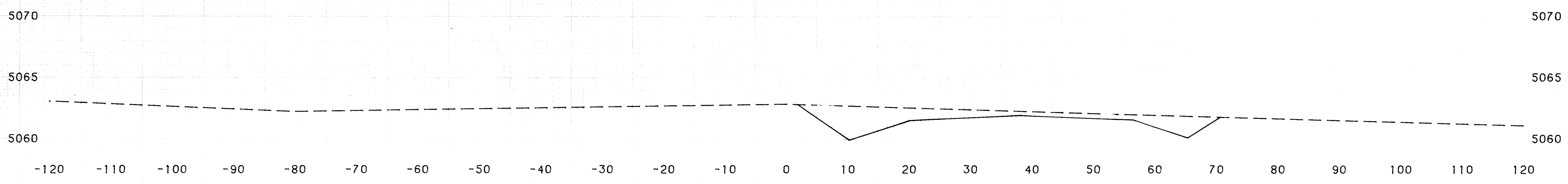
PLATE 3 CROSS SECTION - DOTTED
 CHARLES BRUNING COMPANY
 MADE IN U.S.A.

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	TEMPERATURE	
	AREAS CHECKED	

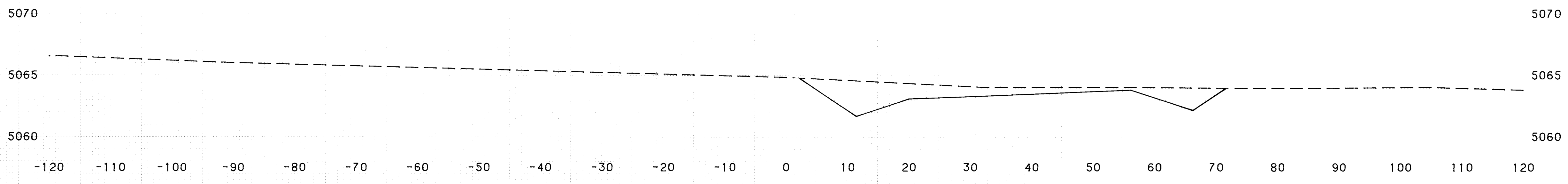
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	TEMPERATURE	
	AREAS CHECKED	



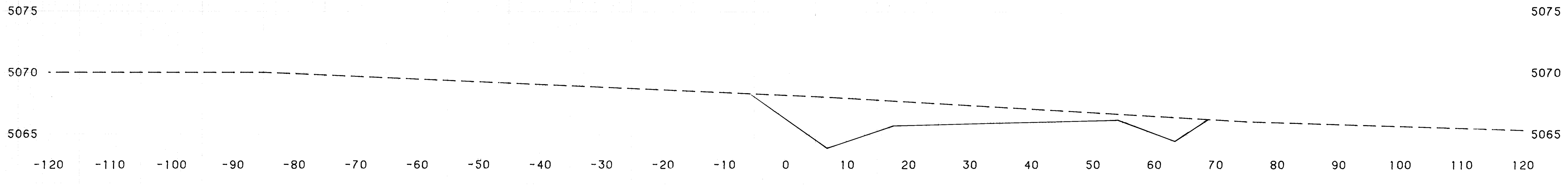
STATION 65+00.00



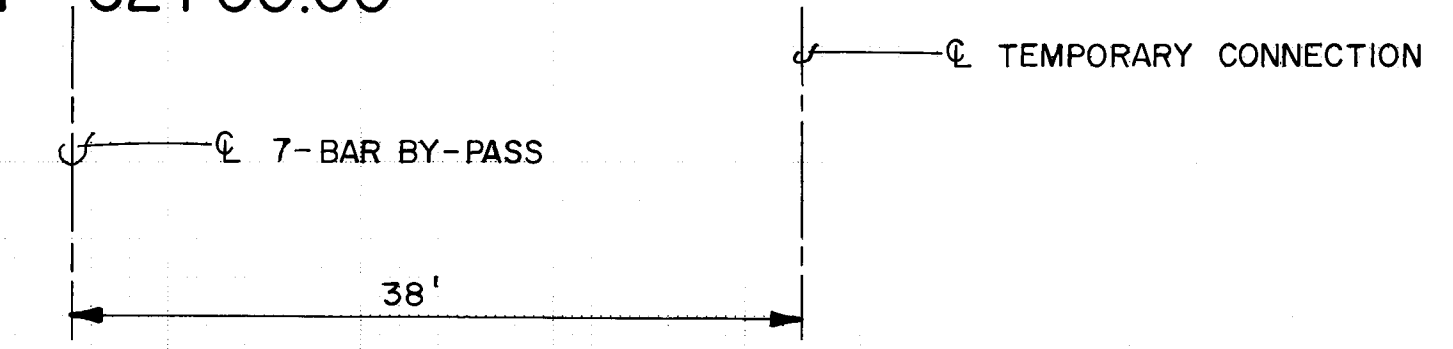
STATION 64+00.00



STATION 63+00.00



STATION 62+00.00



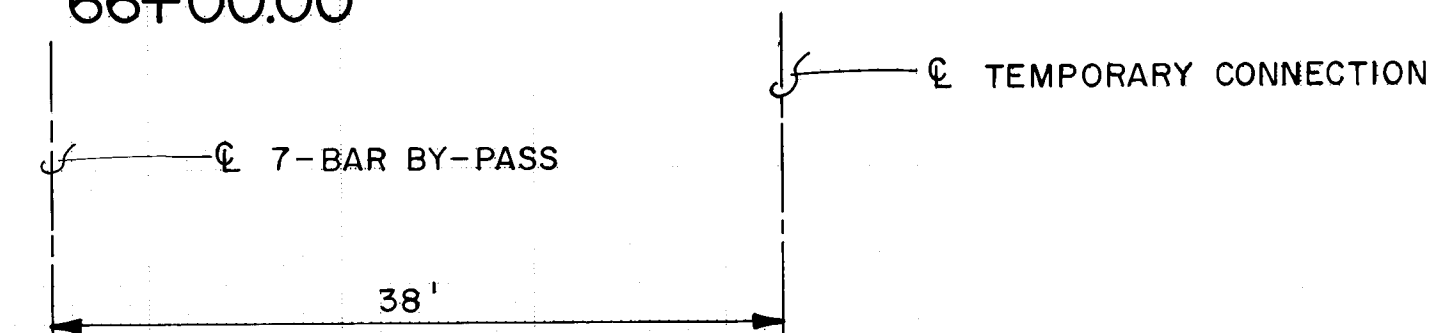
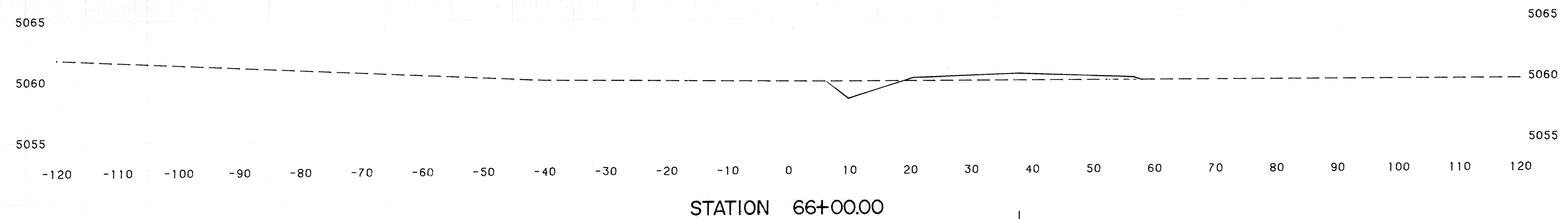
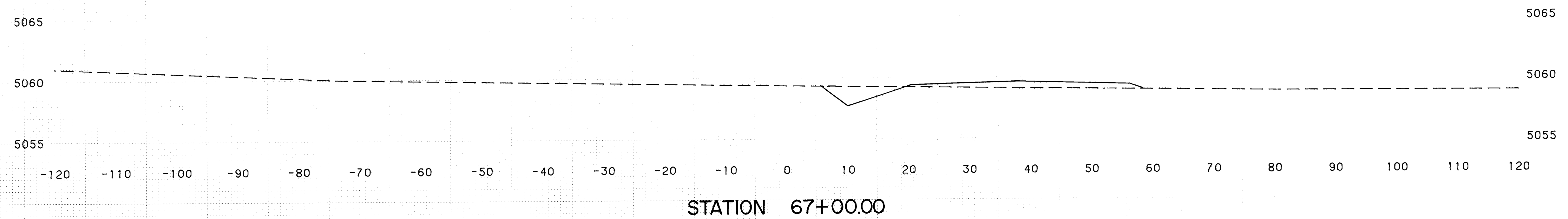
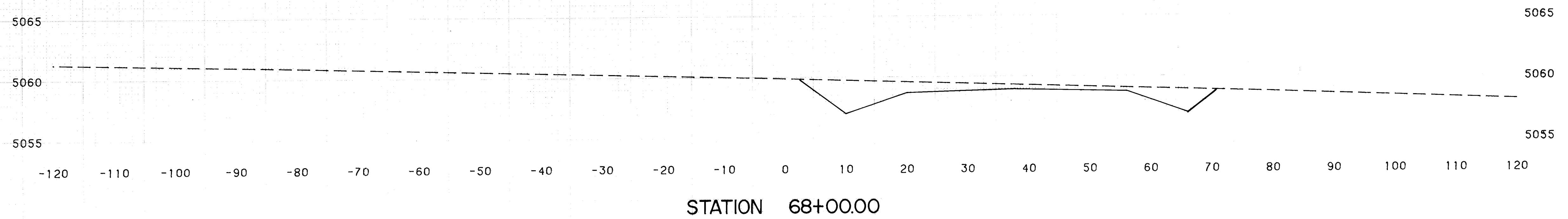
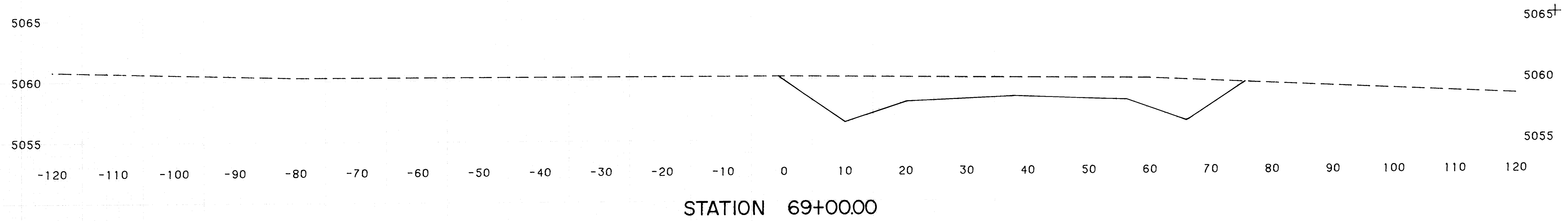
26 30404287

SCALE: VERT. 1" = 5'
HORIZ. 1" = 10'

TEMPORARY CONNECTION
TO ELLISON
CROSS-SECTIONS
STA. 62+00.00 TO STA. 65+00.00
DRAWING NO. 3040

FINAL SURVEY NOTE BOOK NO.	SURVEYED, PLOTTED, CHECKED, AREAS CHECKED.	DATE	BY

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED, PLOTTED, CHECKED, AREAS CHECKED.	DATE	BY



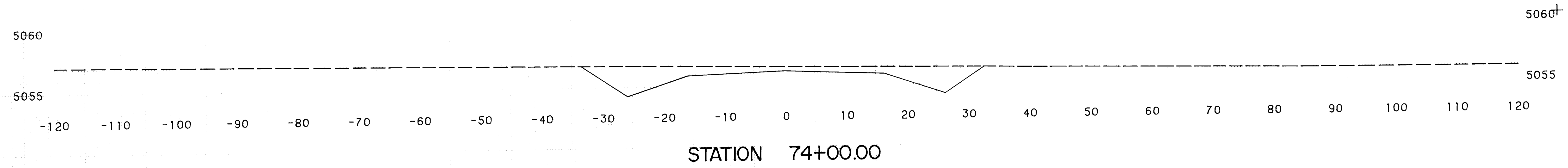
26 3040 4387

SCALE:
VERT. 1" = 5'
HORIZ. 1" = 10'

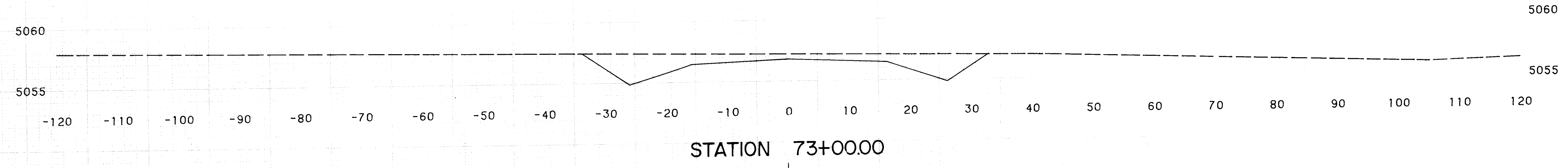
TEMPORARY CONNECTION
TO ELLISON
CROSS-SECTIONS
STA. 66+00.00 TO STA. 69+00.00
DRAWING NO. 3040

DATE	
BY	
FINAL SURVEY	
NO.	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NO.	
SURVEYED	
PLOTTED	
DATE	
AREAS	
CHECKED	

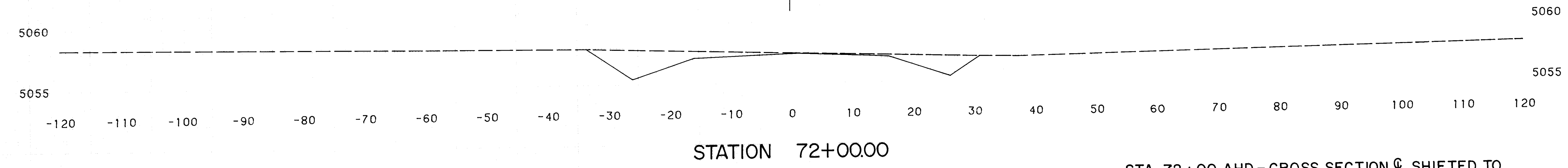


STATION 74+00.00



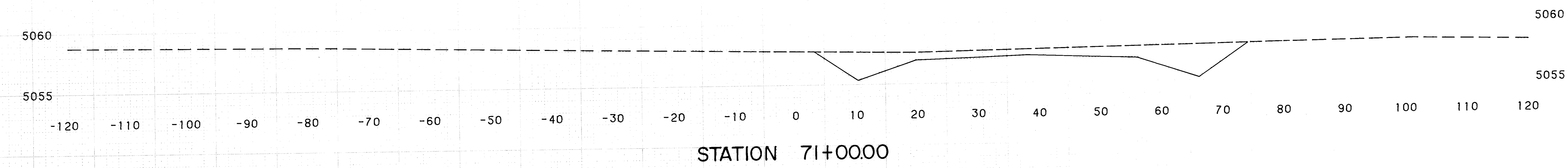
STATION 73+00.00

TEMPORARY CONNECTION

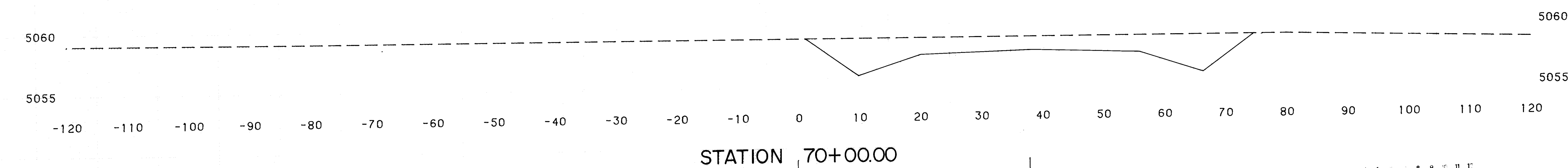


STATION 72+00.00

STA. 72+00 AHD - CROSS SECTION $\text{\textcircled{C}}$ SHIFTED TO $\text{\textcircled{C}}$ TEMPORARY CONNECTION



STATION 71+00.00



STATION 70+00.00

7-BAR BY-PASS

TEMPORARY CONNECTION

38'

26 30 40 44 87

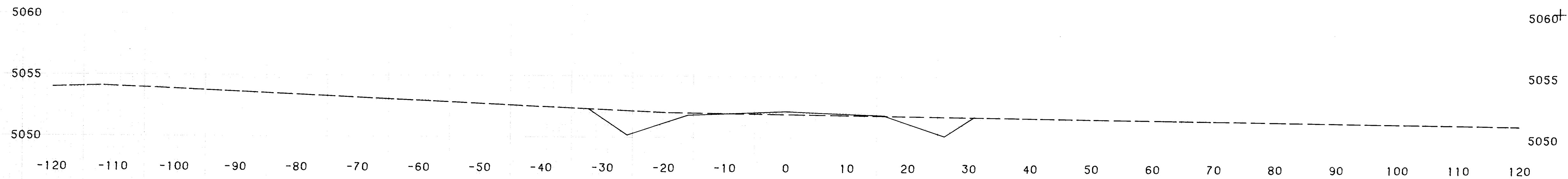
TEMPORARY CONNECTION TO ELLISON
CROSS-SECTIONS
STA. 70+00.00 TO STA. 74+00.00
DRAWING NO. 3040

SCALE:
VERT. 1" = 5'
HORIZ. 1" = 10'

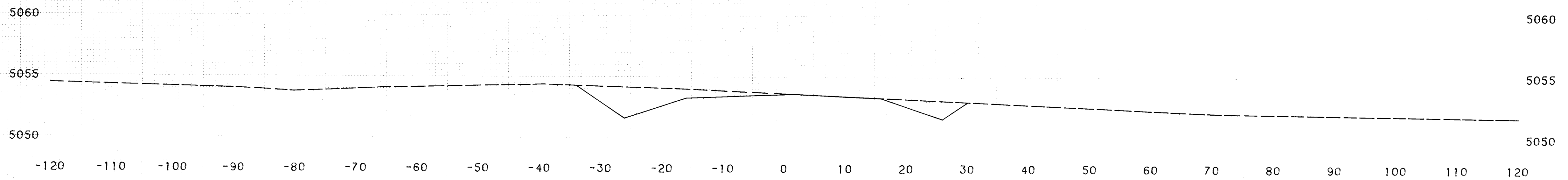
PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

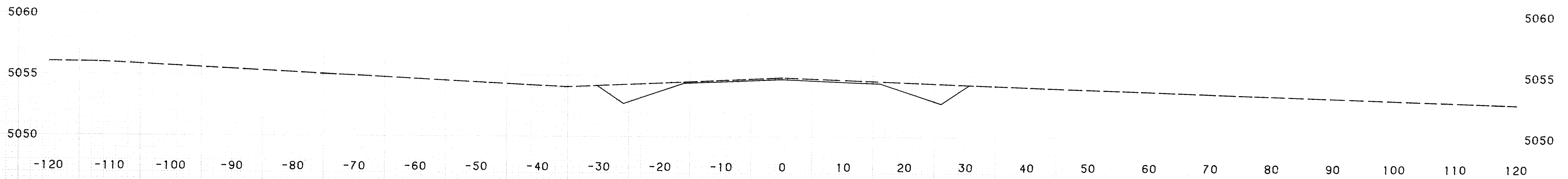
ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



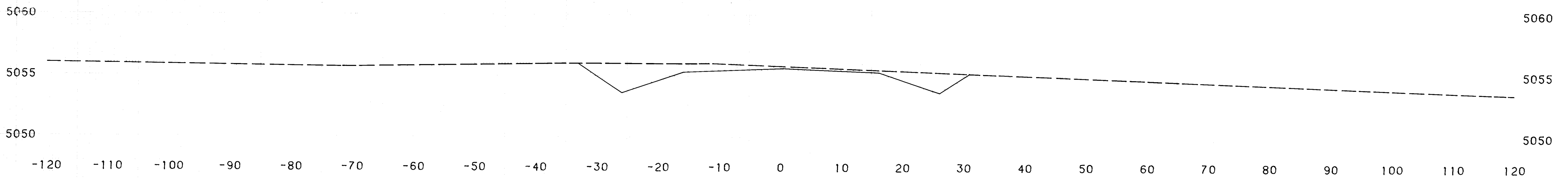
STATION 78+00.00



STATION 77+00.00



STATION 76+00.00



STATION 75+00.00

TEMPORARY CONNECTION

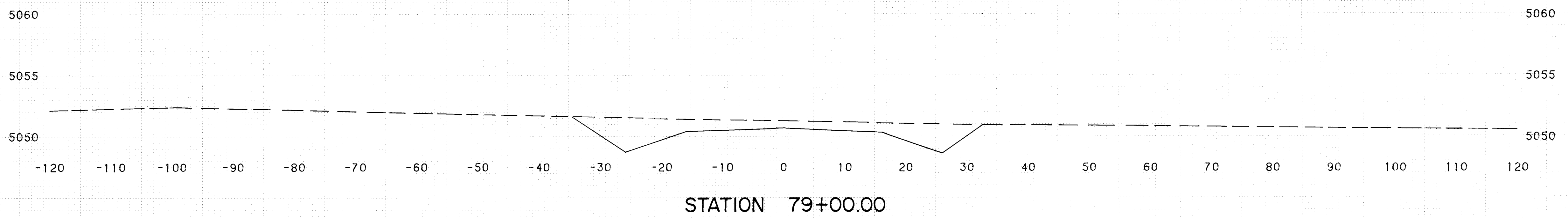
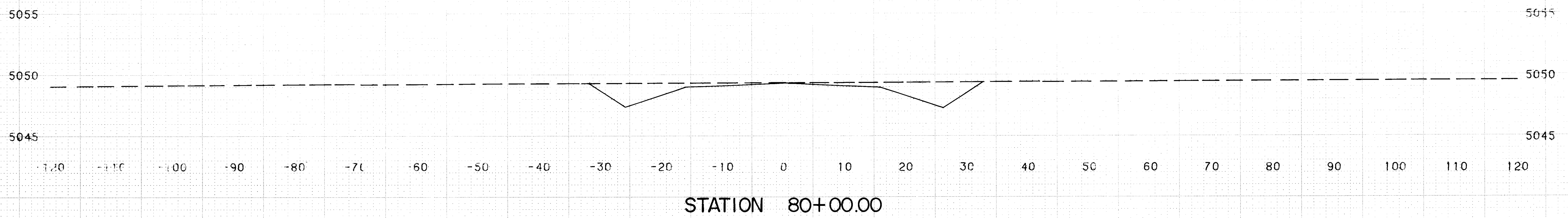
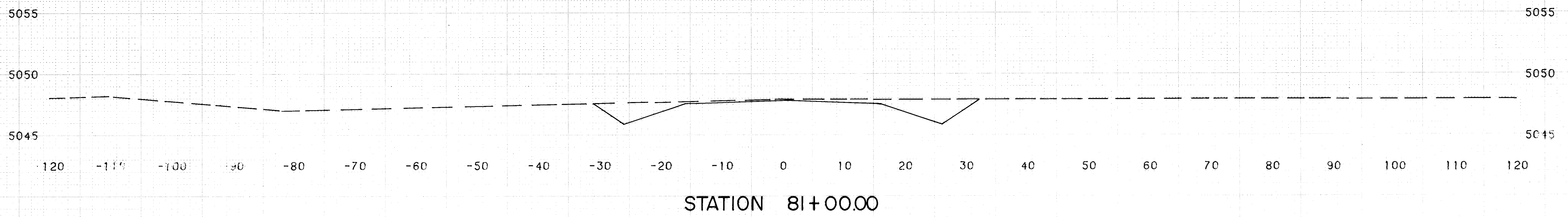
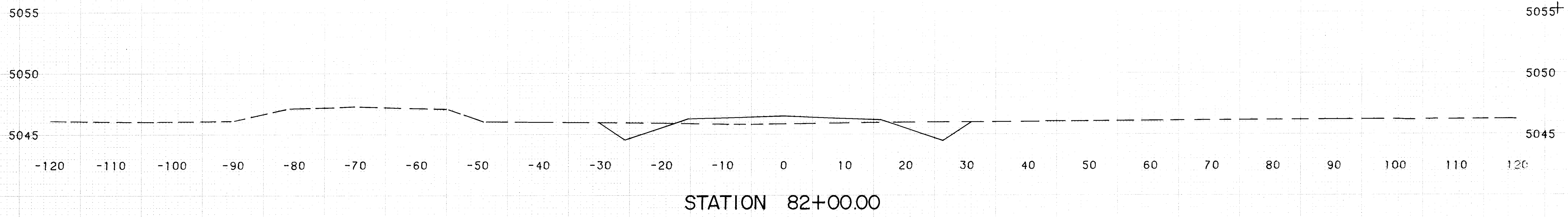
26 | 30404587

SCALE: VERT. 1" = 5'
HORIZ. 1" = 10'

TEMPORARY CONNECTION
TO ELLISON
CROSS-SECTIONS
STA. 75+00.00 TO STA. 78+00.00
DRAWING NO. 3040

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS	
	CHECKED	

ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	AREAS	
	CHECKED	



← TEMPORARY CONNECTION

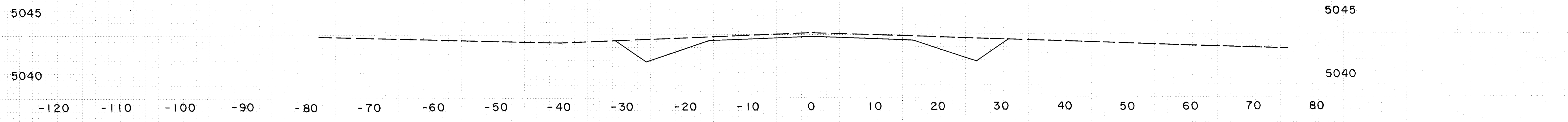
26 3104.04687

SCALE:
VERT. 1" = 5'
HORIZ. 1" = 10'

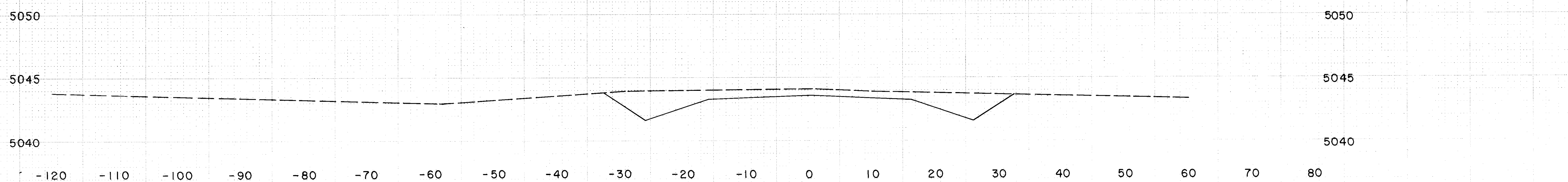
TEMPORARY CONNECTION
TO ELLISON
CROSS-SECTIONS
STA. 79+00.00 TO STA. 2+00.00
DRAWING NO. 3040

FINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMP. DATE	
	AREAS CHECKED	

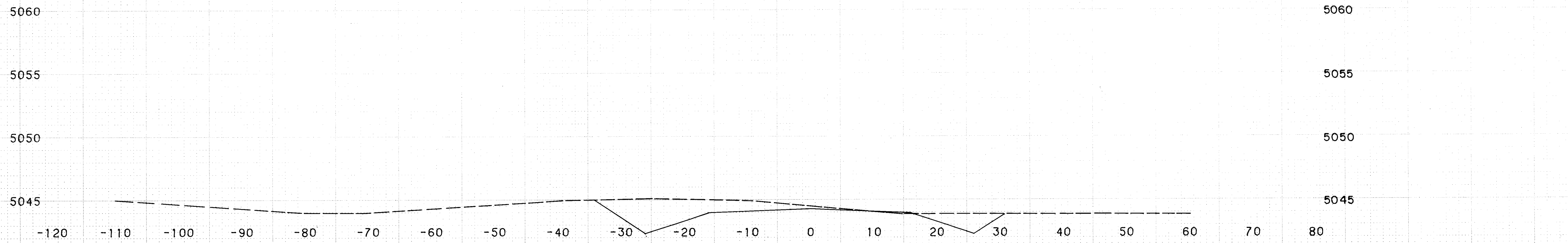
ORIGINAL SURVEY	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	TEMP. DATE	
	AREAS CHECKED	



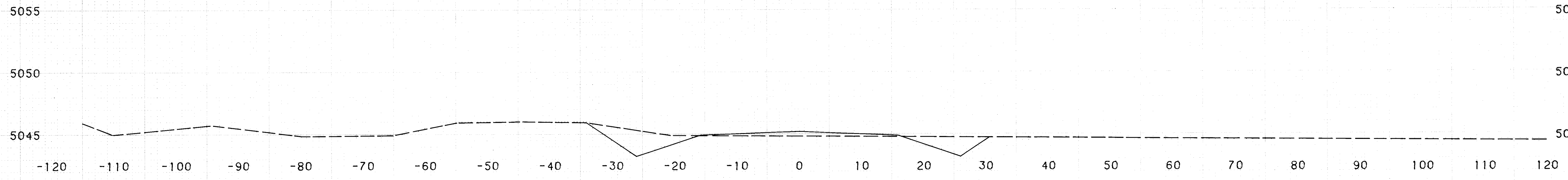
STA. 86+00.00



STATION 85+00.00



STATION 84+00.00



STATION 83+00.00

TEMPORARY CONNECTION

1	2	3	4	5	6	7	8	9	10	11	12
26	30	40	47	87							

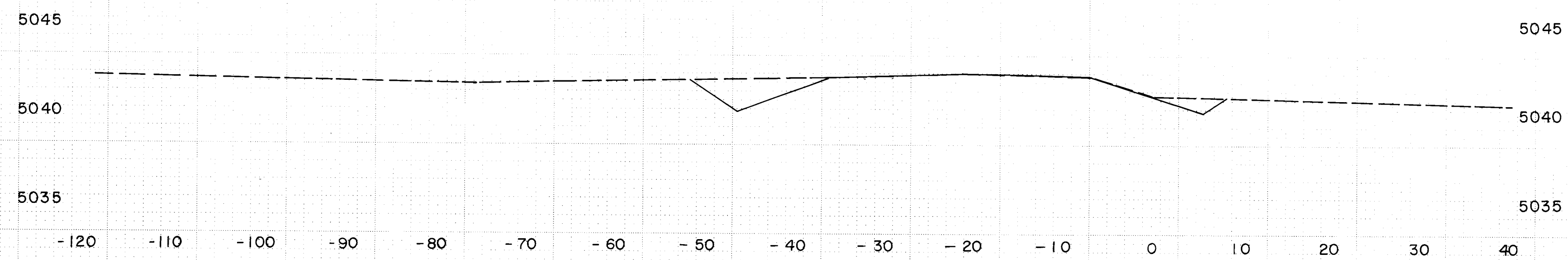
SCALE:
VERT. 1" = 5'
HORIZ. 1" = 10'

TEMPORARY CONNECTION TO ELLISON
CROSS-SECTIONS
STA. 83+00.00 TO STA. 85+00.00
DRAWING NO. 3040

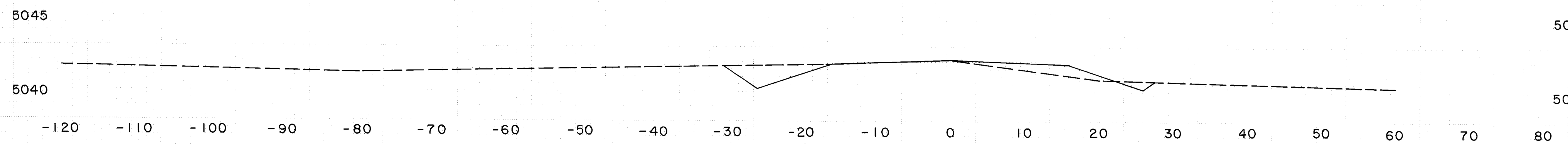
PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

FINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	

ORIGINAL	SURVEYED	DATE
SURVEY	PLOTTED	BY
NOTE BOOK	TEMPLATE	
NO.	AREAS CHECKED	



STA. 87+50.00



STA. 87+00.00

TEMPORARY CONNECTION

2.6 3.0 4.0 4.8 8.7

☆ DUE TO THE ADDITION OF SHEET 9A, SHEET 48=49 TOTAL SHEETS = ~~49~~ 52

TEMPORARY CONNECTION TO ELLISON CROSS-SECTIONS STA. 87+00.00 TO STA. 83+50.00 DRAWING NO. 3040