COORS BOULEVARD WIDENING AND ASSOCIATED IMPROVEMENTS

SOUTH OF OURAY ROAD TO NORTH OF QUAIL ROAD

SEGMENT 2, PHASE IA

LOTS 2&3

PUBLIC WORKS DEPARTMENT PROJECT NUMBER 3316

ALBUQUERQUE, NEW MEXICO

ALBUQUERQUE NEW MEXICO 1706

BOHANNAN HUSTON INC.

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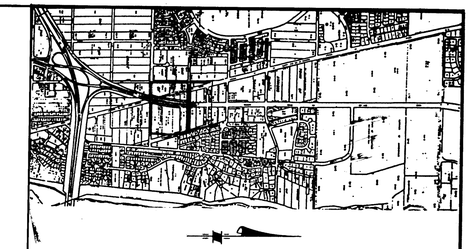


VICINITY MAP
NOT TO SCALE

GENERAL NOTES

1. Albuquerque Interim Standard Specifications for 1985 will be referred to hereon as the "Standard Specifications."
2. 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 Specifications Public Works Construction, 1985 Edition.
3. Two working days prior to any excavation, contractor must contact line locating service, 765-1234, for location of existing utilities.
4. Prior to construction, the Contractor shall excavate and verify the horizontal and vertical locations of all existing utilities. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
5. All salvaged materials (pipe, fittings, valves, and other waterline appurtenances shall be governed by the City of Albuquerque Interim Standard Specifications for Public Works Construction, Section 701.15.
6. Any excavation work in the area of the 12-inch and 20-inch high pressure gas lines shall require the presence of a Gas Company of New Mexico representative. It is the Contractor's responsibility to contact the Gas Company of New Mexico Representative, Al Meyers, at 889-8421. Emergency Number, 345-6058.
7. Any excavation work in the area of the 2-750 MCM direct buried cable shall require the presence of a Public Service Company of New Mexico Representative. The Contractor shall contact Jim Vann at 761-3426 two weeks prior to any excavation.
8. All catch basin connector pipes shall be CLASS III RCP.
9. Manhole steps will be installed in all storm drain manholes, junction boxes and catch basins. There will be no separate measurement or payment for this and will be considered incidental to other contract items.
10. Disposal of all excavated material, asphalt pavement, etc. shall be disposed of in approved waste areas secured by and at the expense of Contractor. All excavated material shall be removed from construction site within 24 hours of time excavation is performed.

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 DURING CONSTRUCTION.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED. WHEELCHAIR RAMPS TO INCLUDE BOLLARDS WHERE SHOWN SEE SHT. 30 FOR BOLLARD LOCATION.
- ☒ 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.

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

GENERAL NOTES – CONTINUED

11. Concrete cut-off walls; earth and granular backfill compacted to 90% for medians; and all traffic conduit pull wires, shall be considered incidental to Contract and no separate measurement or payment will be made therefore.
12. Soil stabilization is required on this project as shown on the plan and profile sheets and as specified in the Supplemental Technical Specifications, Section 350.
13. Special access information signs, alternate route signs, and working time limitations are required on this project. See construction sequence and signing sheets.
14. 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.
15. All subgrade preparation shall be compacted to 95% unless noted otherwise.
16. All sawcut pavement shall have a uniform edge and be sprayed with tack.
17. See Sheet 29 for asphalt curb flare. This detail applies wherever asphalt curb ends along the edge of a road.
18. All catch basin inlets shall be temporarily plugged until an outfall has been constructed. The cost of plugging and subsequent removal of plugs shall be subsidiary to the catch basin bid item.
19. Any time work is performed in close proximity to Gas Company of New Mexico gas lines, a Gas Company Inspector shall be on-site and the cost of the Inspector shall be incidental to Contract.
20. Removal of storm sewer, sanitary sewer and waterline plugs shall be incidental to Contract.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 9/5/88

WILLIAM L. VREELAND NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS
DATE 4/28/88

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

APPROVAL OF REVISIONS

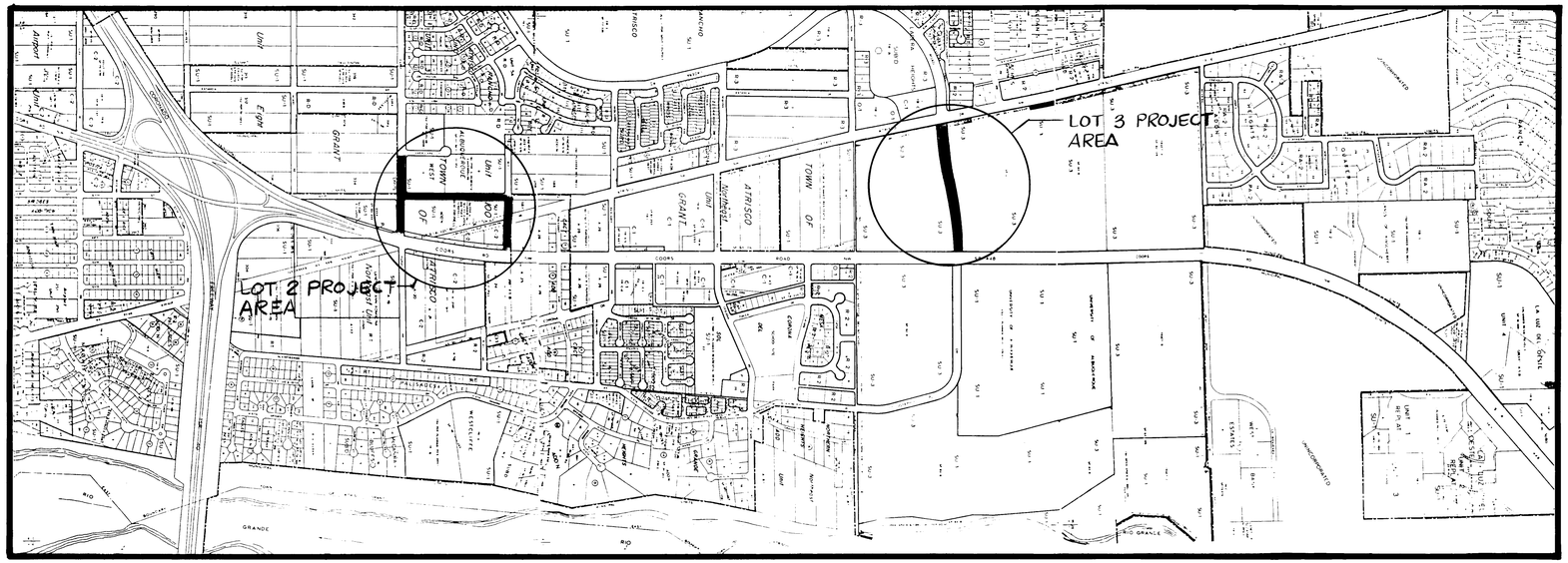
Mehri A. Dahlly 7/27/87

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

APPROVED FOR CONSTRUCTION
8-26-87 C.E.

PROJECT NUMBER
3316

SHEET 1 OF 38



PHASE IA
LOTS 2&3

VICINITY MAP

NO SCALE

LEGEND

- BOLLARDS AT WHEELCHAIR RAMPS (SEE DETAIL SHT. 33.)
- EXISTING FIRE HYDRANT
- NEW FIRE HYDRANT
- EXISTING WATER VALVE
- NEW WATER VALVE
- EXISTING WATER METER
- SAS — EXISTING SANITARY SEWER MANHOLE
- SAS — NEW SANITARY SEWER MANHOLE
- SS — NEW STORM SEWER MANHOLE
- NEW CATCH BASIN
- NEW STORM SEWER JUNCTION BOX
- PLUG OR CAP
- GAS VALVE
- RAILROAD TIES
- POWER POLE
- LIGHT POLE (PUBLICLY OR PRIVATELY OWNED)
- TELEPHONE PEDESTAL
- TRAFFIC SIGNAL PULLBOX
- FLAG POLE
- SIGN
- SURVEY MARKER
- FENCE
- TRANSFORMER POLE
- NEW TEMPORARY PAVEMENT
- EDGE OF NEW PERMANENT PAVEMENT
- TEMPORARY CONSTRUCTION PERMIT
- FUTURE
- EXISTING

NOTE:
FADED PORTIONS OF DRAWINGS REPRESENT EXISTING CONDITIONS AND WORK THAT IS NOT IN THIS CONTRACT

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTORS ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
7/27/87

WILLIAM E. VREELAND
NEW MEXICO
8131
4/28/88
REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE 4/28/88

NO.	DATE	REVISIONS	BY
		REMARKS	

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING LOTS 2&3
VICINITY MAP

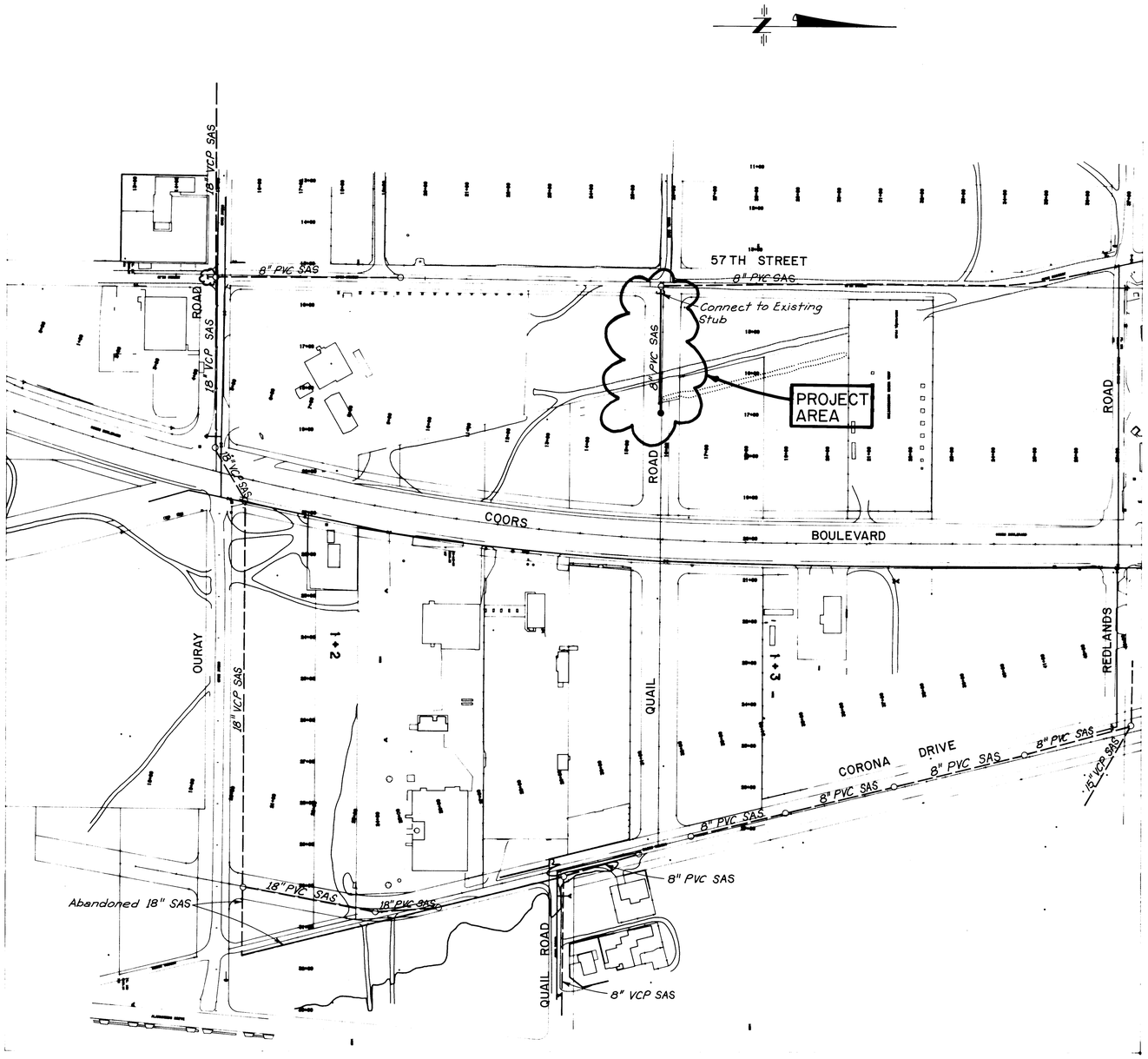
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/24/87	Liquid Waste NA	JEE	8/14/87
A.C.E. - Design	" "	"	Traffic	NA DWH	8/15/87
~~A.C.E.~~ - Hydrology	Steve Boberg	8/24/87	Water NA	JEE	8/14/87

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

DRAWING NO 3316 | MAP NO. H-11 | SHEET 2 OF 38

BRUNING 44 132 62236

F.H.W.A. Region No.			SHEET NO.	TOTAL SHEETS
6	NEW MEXICO			



LEGEND

Proposed	Existing	
———	- - - -	Sanitary Sewer Line
—●—	—○—	Sanitary Sewer Manhole
--⊣		Cap

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

Job No.

AS-BUILT INFORMATION

CONTRACTOR Sundance Mechanical

WORK STAKED BY BHI DATE

WORK INSPECTED BY BHI DATE 5/88

ACCEPTANCE BY CGP DATE 4/88

FIELD VERIFICATION BY BHI DATE 4/88

DRAWINGS CORRECTED BY BHI DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527

STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

WILLIAM C. VARELA NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS

DATE 4-28-88

SCALE: 1" = 150'

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DATE

DRAWN BY DATE

CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:

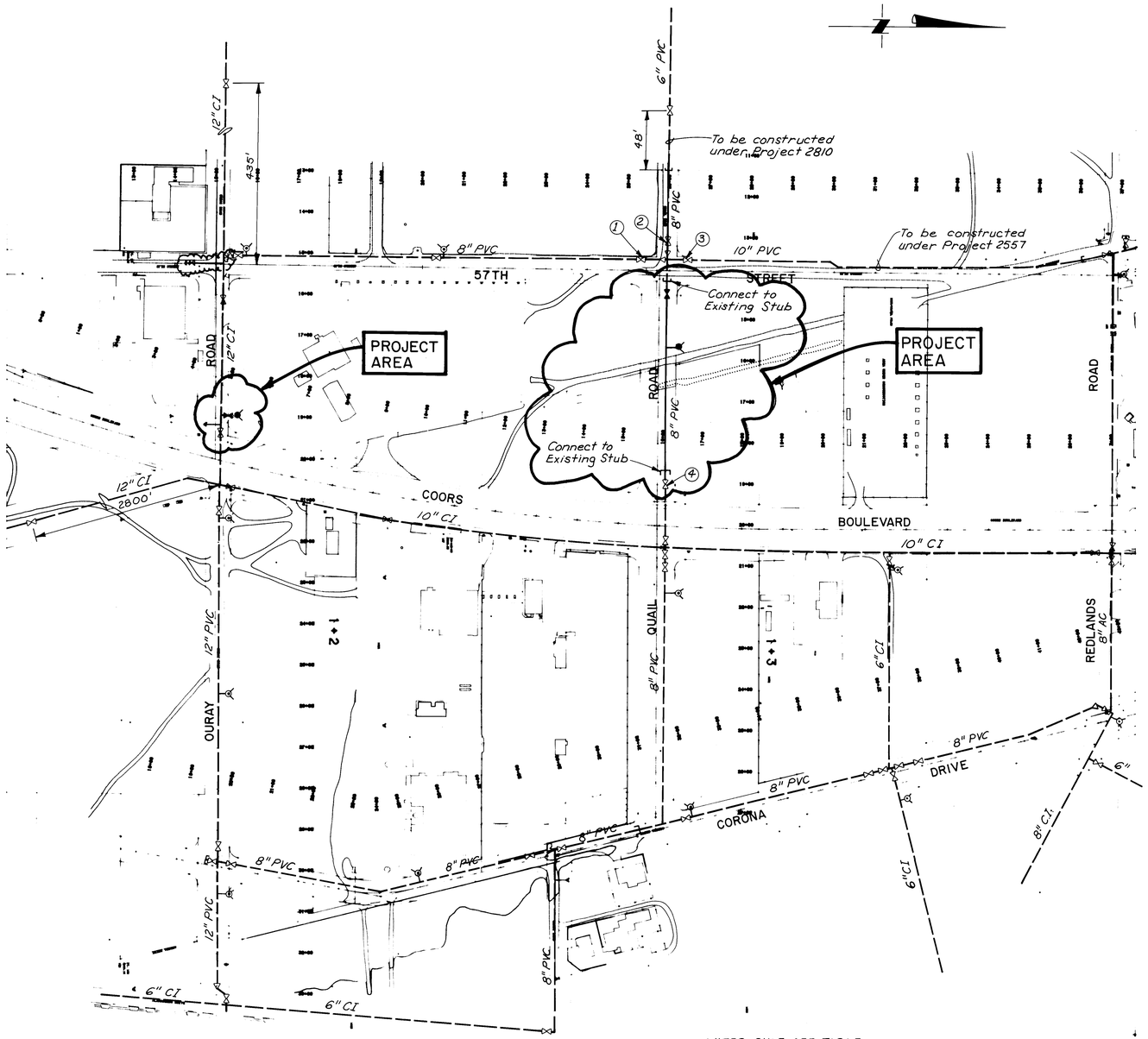
COORS WIDENING - LOTS 2 & 3
SANITARY SEWER LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		8/21/87	Liquid Waste	JE Eckgaard	8/14/87
A.C.E. - Design	" "	" "	Traffic	NA DWH	8/13/87
~~A.C.E.~~ - Hydrology	N/A SAB	8/21/87	Water	JE Eckgaard	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	3	38

BRUNING 44-132 63374

F.H.W.A. Region No.			SHEET NO.	TOTAL SHEETS
6	NEW MEXICO			



LEGEND

Proposed	Existing	
		Waterline
		Gate Valve
		Air Release Valve
		Reducer
		Fire Hydrant
		Cap

WATER SHUT-OFF TABLE
Tie-Ins to Existing System

	Location	Exist. Line Size	Valves to Shut-Off
1.	Sta. 14+02 ± Quail	8"	1 2 3 4
2.	Sta. 18+75 ± Quail	8"	1 2 3 4

CONSTRUCTION NOTES

1. Contractor shall make arrangements for a water shut-off permit with the Water Division at 5501 Pino Rd. N.E. 823-4200. The Water shut-off shall be approved and the pre-trial water shut-off completed before tie-ins into existing waterlines.

AS-BUILT INFORMATION

CONTRACTOR	SUNDANCE MECHANICAL	
WORK STAKED BY	BHI	DATE
INSPECTOR'S ACCEPTANCE BY	CGP	DATE 5/88
FIELD VERIFICATION BY	BHI	DATE 4/88
DRAWINGS CORRECTED BY	BHI	DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

9/24/87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

WILLIAM C. VRATIL NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS
DATE 4-28-88

SCALE: 1" = 150'

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

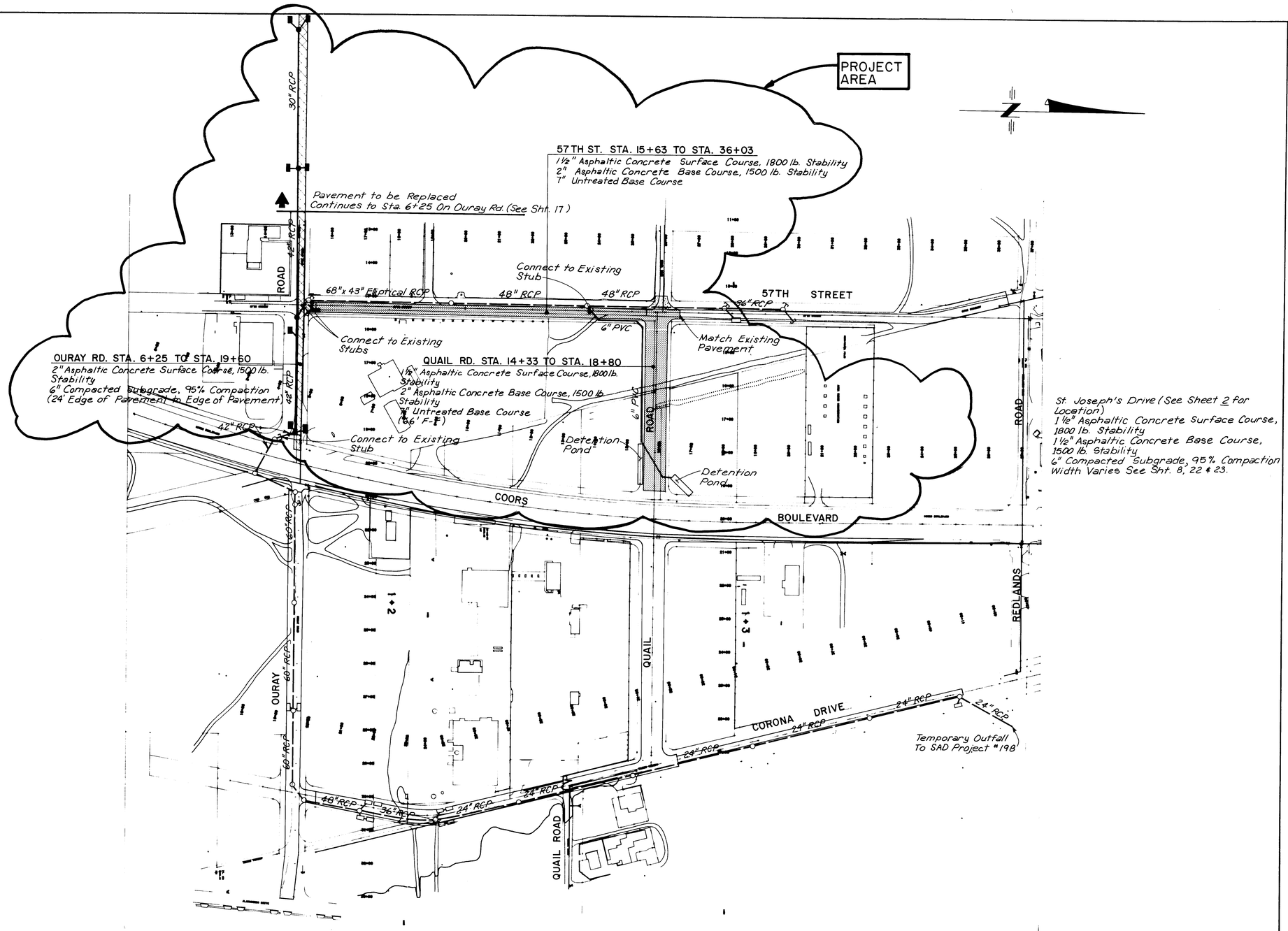
TITLE:
COORS WIDENING - LOTS 2 & 3
WATER SHUT-OFF PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C Chairman		8/24/87	Liquid Waste	JE Eckgaard	8/14/87
A.C.E - Design	" "		Traffic	NA Duff	8/15/87
~~A.C.E~~ - Hydrology	N/A SAB	8/12/87	Water	JE Eckgaard	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	4	38

Job No. 26 3316048

BRUNING 44 132 63374



LEGEND

	Permanent Pavement
	Temporary Pavement
Existing / Proposed	Storm Sewer
○ / ●	Manhole or Junction Box
□ / ■	Inlet
	Cap

Job No. 26 33160588

F.H.W.A. Region No.		SHEET NO.	TOTAL SHEETS
6	NEW MEXICO		

AS-BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY / INSPECTOR BH DATE 5/88
MATERIALS ACCEPTANCE BY CGP DATE 4/88
FIELD VERIFICATION BY BH DATE 4/88
DRAWINGS CORRECTED BY BH DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448 - N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Nicholas A. Dunlap 7/21/87

WILLIAM L. VREE NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS
DATE 4/28/88

SCALE: 1" = 150'

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

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
COORS WIDENING - LOTS 2 & 3
STORM SEWER AND PAVEMENT LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E. - Design	" "	"	Traffic	NADWH	8/15/87
~~A.C.E.~~ - Hydrology	Steve Baloy	8/24/87	Water NA	JEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	5	38

BRUNING 44 132 63374

COORS BOULEVARD

Sheet 10	Position on	
Sta.	**Road**	**Description**
4+38	LT	Mastarm, signal & foundation, see Sheet 10 & 32 (remove and transport)
4+46 to 4+54	LT	12 RR ties, see Sheet 21 (remove and salvage)
4+63	LT	Fire hydrant, see Sheet 21 (remove and salvage)
5+26	LT	Mastarm, signal & foundation, see Sheet 10 & 32 (remove and transport)
5+20 to 6+15	LT	Concrete header curb (remove and dispose)
4+43	CL	Median signal & foundation, see Sheet 10 & 32 (remove and transport)
5+71	CL	Median signal & foundation, see Sheet 10 & 32 (remove and transport)
4+63	RT	Signal controller box, see Sheet 10 & 32 (remove and City will transport)
5+01	RT	Mastarm, signal & foundation, see Sheet 10 & 32 (remove and transport)
5+79	RT	Mastarm, signal & foundation, see Sheet 10 & 32 (remove and transport)

57th Street

Sheet 13	Position on	
Sta.	**Road**	**Description**
16+30 to 22+50	RT	Asphalt curb

Quail Road

Sheet 15	Position on	
Sta.	**Road**	**Description**
16+56	LT	Abandoned Mountain Bell Riser (remove and dispose)
18+64 to 18+86	LT	Billboard to be relocated as directed by Engineer
16+63	CL	Abandoned Mountain Bell Riser (remove and dispose)

Ouray Road

Sheet 17	Position on	
Sta.	**Road**	**Description**
6+90	RT	PNM direct buried cable, see Note 3, Sheet 21
11+15	RT	PNM direct buried cable, see Note 3, Sheet 21

Ouray Road

Sheet 18	Position on	
Sta.	**Road**	**Description**
16+23 to 16+33	LT	Concrete header curb (remove and dispose)

St. Joseph's

Sheet 23	Position on	
Sta.	**Road**	**Description**
17+30	LT	Traffic signals w/mastarm, see Sheet 23 (remove and relocate)
17+50	LT	Traffic signal pull box, see Sheet 23 (remove and relocate)
18+08	LT	Traffic signal w/pole, see Sheet 23 (remove and relocate)

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE MECHANICAL
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

7/27/87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM L. TRIPLETT 6131 PROFESSIONAL ENGINEER 4/27/88

RECORD DRAWINGS
DATE 4/28/88

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

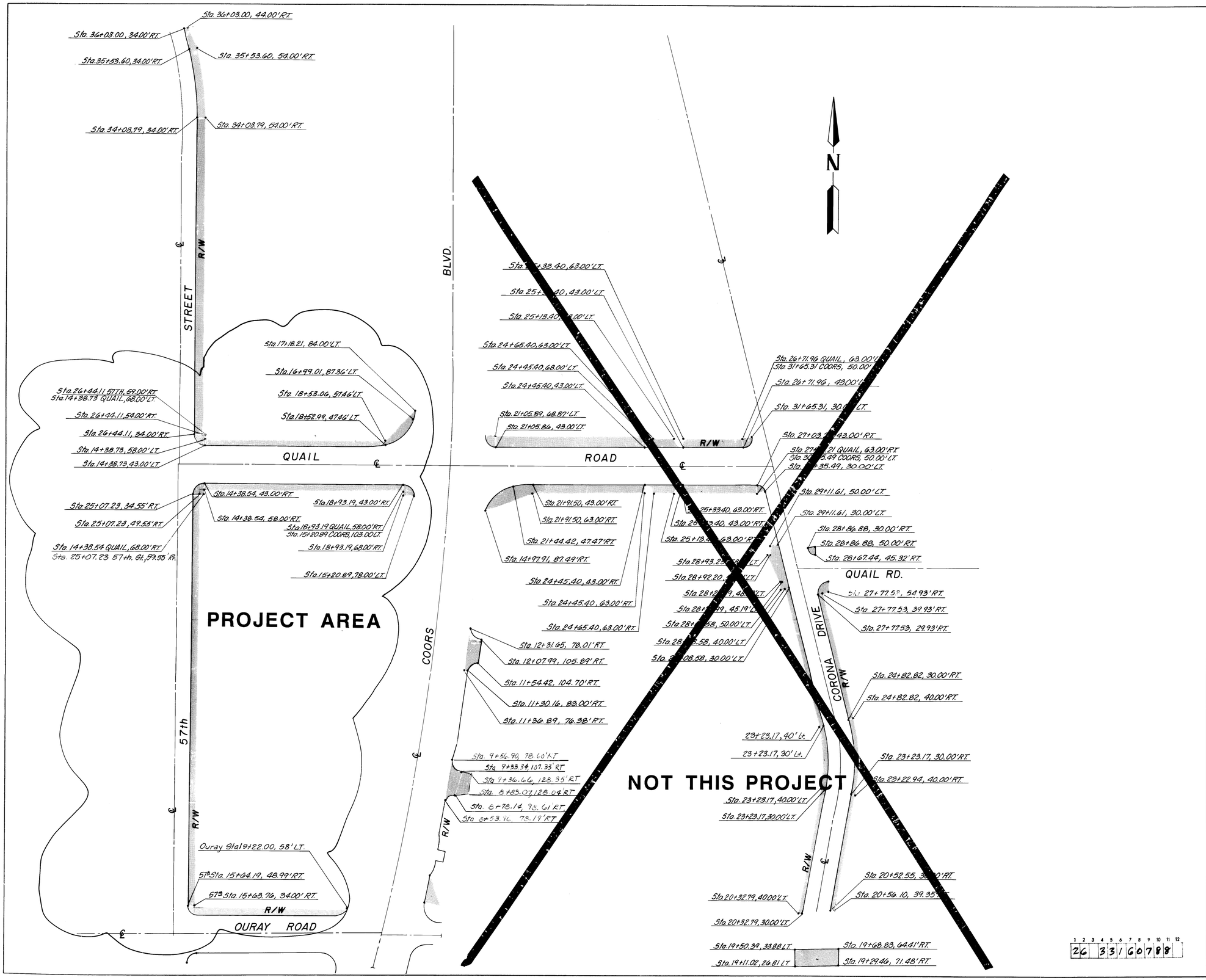
TITLE: COORS WIDENING - LOTS 2 & 3
REMOVAL OF STRUCTURES AND OBSTRUCTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/24/87	Liquid Waste NA	DEE	8/14/87
A.C.E. - Design	" "	"	Traffic	NA DWH	8/15/87
~~A.C.E.~~ - Hydrology	NA SAB	8/24/87	Water NA	DEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	6	38

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

BRUNING 44-232



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

BRUNING 44-232

SURVEY INFORMATION

NO.	BY	DATE	FIELD NOTES

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527

STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

AS-BUILT INFORMATION

CONTRACTOR Sundance Mechanical

WORK STAKED BY BHI DATE

INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88

FIELD VERIFICATION BY BHI DATE 4/88

DRAWINGS CORRECTED BY BHI DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

ENGINEER'S SEAL

Michael A. Dudley 7/27/87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DATE

DRAWN BY DATE

CHECKED BY DATE

WILLIAM C. VRATE NEW MEXICO 8131 4/28/88 REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS

DATE 4/28/88

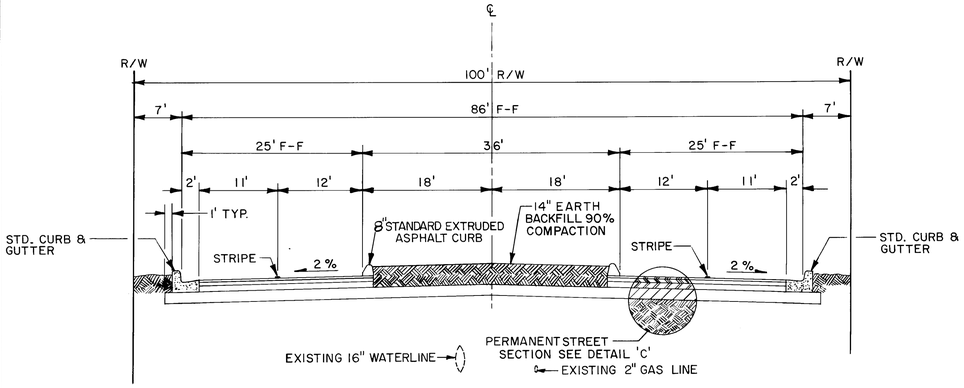
NOT TO SCALE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING – LOTS 2 & 3
TEMPORARY CONSTRUCTION PERMIT AREAS

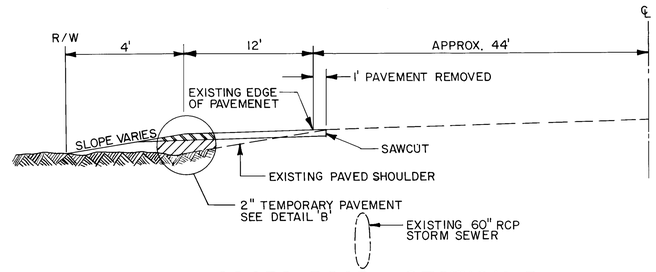
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E. - Design	" "		" Traffic	NADuH	8/15/87
~~A.C.E.~~ - Hydrology	Steve Bolay	8/24/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 7 OF 38



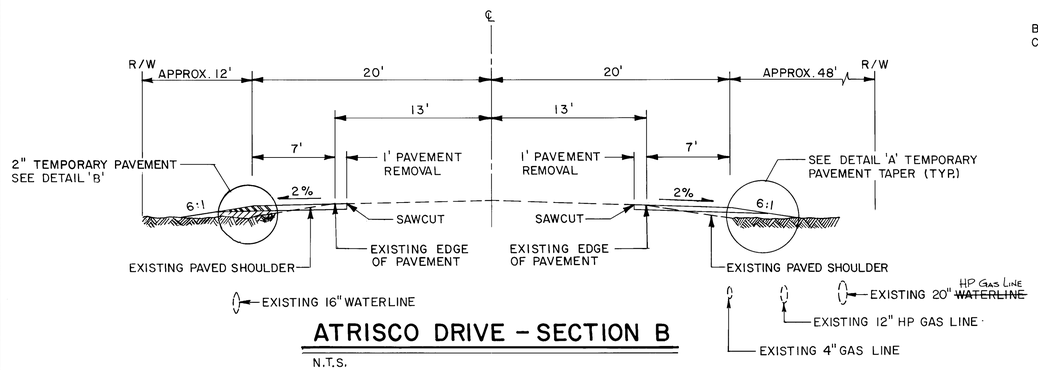
LADERA DRIVE - SECTION A

N.T.S.



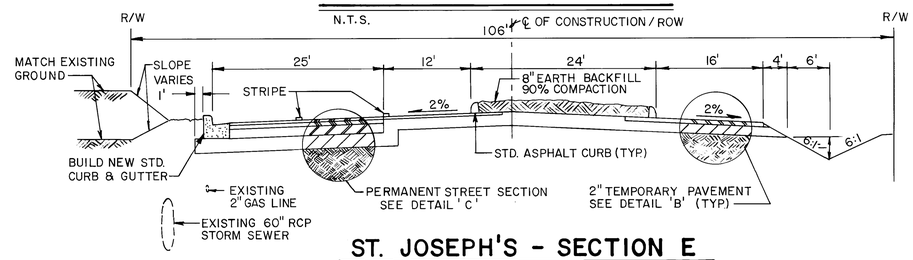
COORS ROAD - SECTION D

N.T.S.



ATRISCO DRIVE - SECTION B

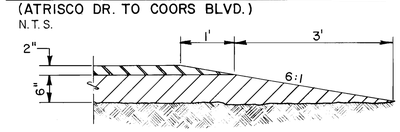
N.T.S.



ST. JOSEPH'S - SECTION E

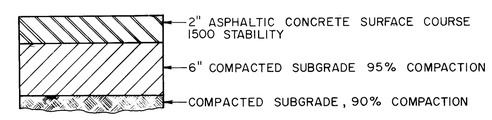
(ATRISCO DR. TO COORS BLVD.)

N.T.S.



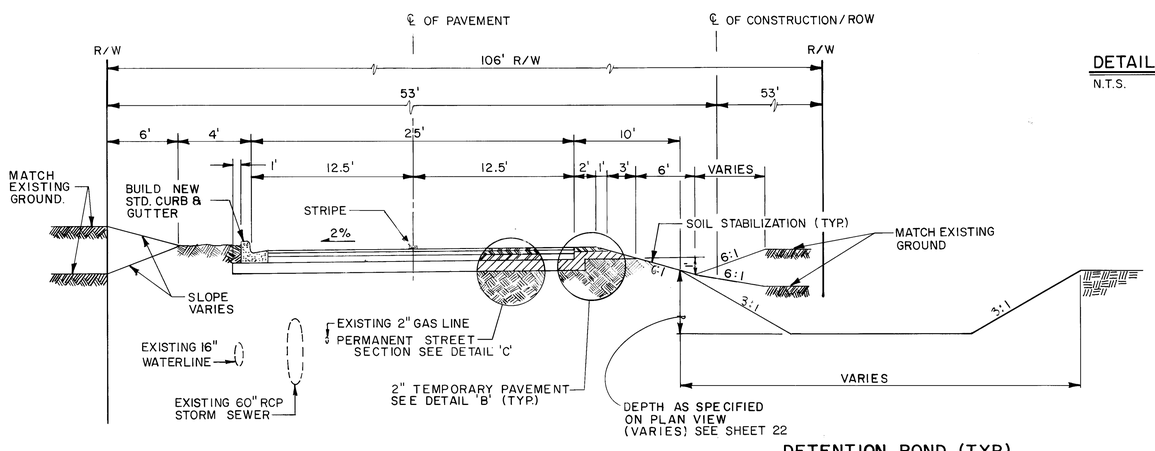
DETAIL 'A' - TEMPORARY PAVEMENT TAPER

N.T.S. (APPLIES TO SECTION B&C ONLY)



DETAIL 'B' - TEMPORARY PAVEMENT (AS SHOWN ON DRAWINGS)

N.T.S.



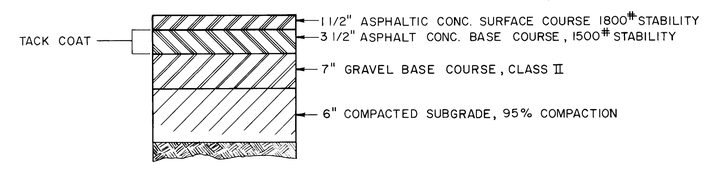
ST. JOSEPH'S - SECTION C

(ATRISCO DR. TO COORS BLVD.)

N.T.S.

DETENTION POND (TYP.)

STA. 6+20.00 TO STA. 8+95.00



DETAIL 'C'-PERMANENT PAVEMENT SECTION

N.T.S.

NOTES:

1. All Striping and Painting on Road to be Done by Others.
2. Earth and Granular Backfill Shall be Incidental to the Contract.
3. See Sheet 9 for Estimated Surfacing Factors.
4. See Std. Dwg. P-8 for Asphalt Curb Detail.

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE MECHANICAL
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448 - N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Michael A. Collins 7/24/87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM E. VREE NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS
DATE 4/28/88

NOT TO SCALE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

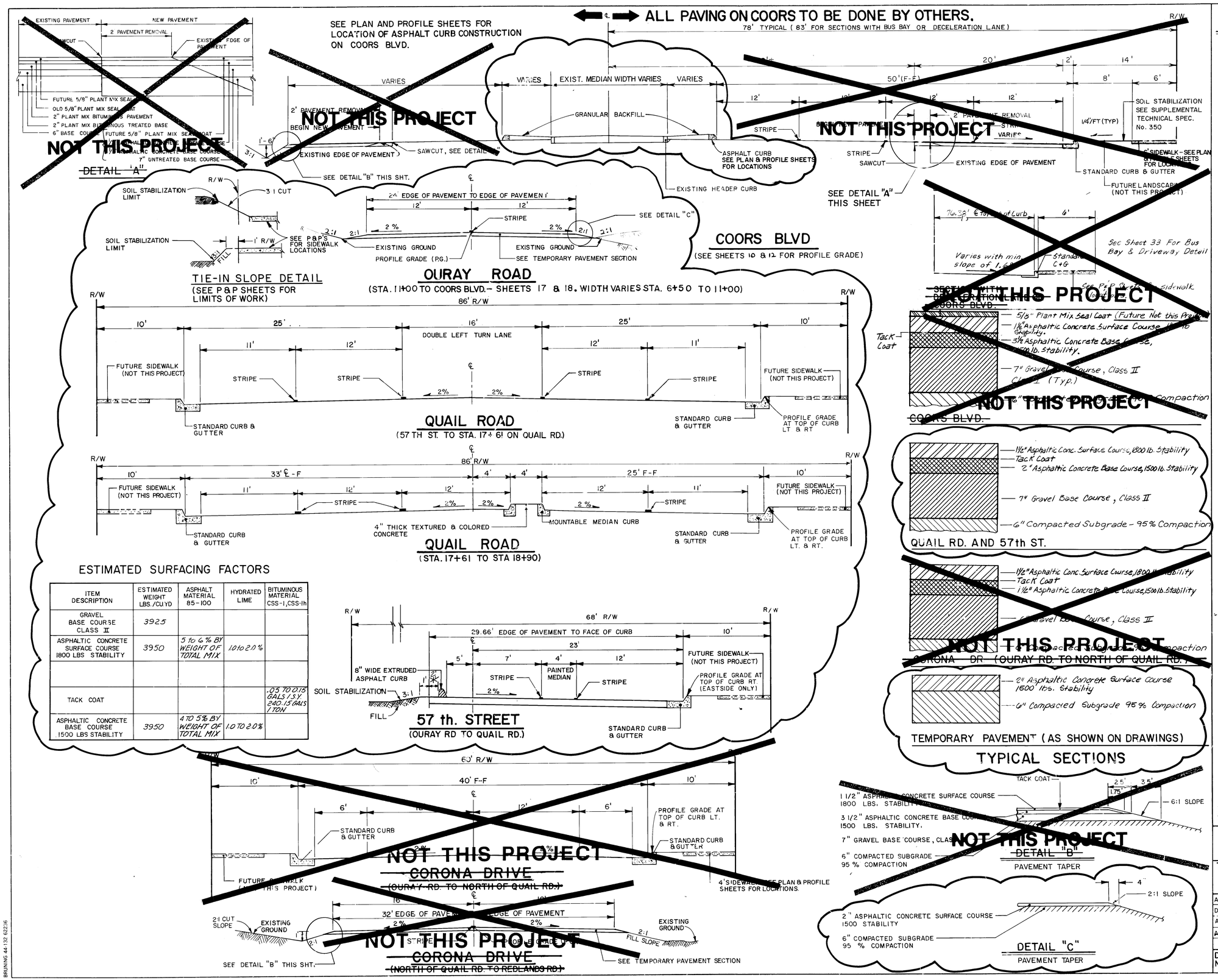
TITLE: COORS WIDENING - LOTS 2 & 3
TYPICAL SECTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A C E - Design	" "	"	Traffic	David W. Hanna	8/15/87
~~A C E~~ - Hydrology	Steve Falvey	8/24/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 8 OF 38

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

BRUNING 44-232



ESTIMATED SURFACING FACTORS

ITEM DESCRIPTION	ESTIMATED WEIGHT LBS./CU YD	ASPHALT MATERIAL 85-100	HYDRATED LIME	BITUMINOUS MATERIAL CSS-1, CSS-1h
GRAVEL BASE COURSE CLASS II	3925			
ASPHALTIC CONCRETE SURFACE COURSE 1800 LBS STABILITY	3950	5 to 6% BY WEIGHT OF TOTAL MIX	1.0 to 2.0%	
TACK COAT				.05 TO 0.15 GALS/S.Y. 240.15 GALS/TON
ASPHALTIC CONCRETE BASE COURSE 1500 LBS STABILITY	3950	4 TO 5% BY WEIGHT OF TOTAL MIX	1.0 TO 2.0%	

NOTES:

1.) ALL STRIPING AND PAINTING ON ROAD TO BE DONE BY OTHERS.

2.) CONC. MEDIANS LESS THAN 5' F-F WILL REQUIRE 4" THICK TEXTURED CONC. 4" X 8" RUNNING BOND BRICK. COLOR OF CONCRETE TO BE BAJA RED DAVIS 160 OR ENGINEER APPROVED EQUAL. (SEE CITY STANDARD SPEC 346)

3.) SEE STANDARD DRAWING P-8 FOR ASPHALT CURB DETAIL.

4.) PROFILE GRADE IS TOP OF CURB GRADE UNLESS SHOWN OTHERWISE.

5.) ELEV. OF RIGHT AND LEFT CURBS MAY DIFFER. SEE PROFILE GRADES ON P & P SHEETS.

6.) SOIL STABILIZATION, SEE SUPPLEMENTAL TECHNICAL SPECIFICATIONS 350.

7.) GRANULAR BACKFILL SHALL BE INCIDENTAL TO THE CONTRACT

8.) WHEELCHAIR RAMPS WILL BE CONSTRUCTED AS PART OF THIS PROJECT AND ARE INCLUDED IN THE SIDEWALK BID ITEM.

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical DATE
WORK STAKED BY BHI
INSPECTED BY CAP DATE 5/88
ACCEPTANCE BY
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
WILLIAM E. ROBERTS 8131 REGISTERED PROFESSIONAL ENGINEER
4/28/88

RECORD DRAWINGS
DATE 4/28/88

NOT TO SCALE

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

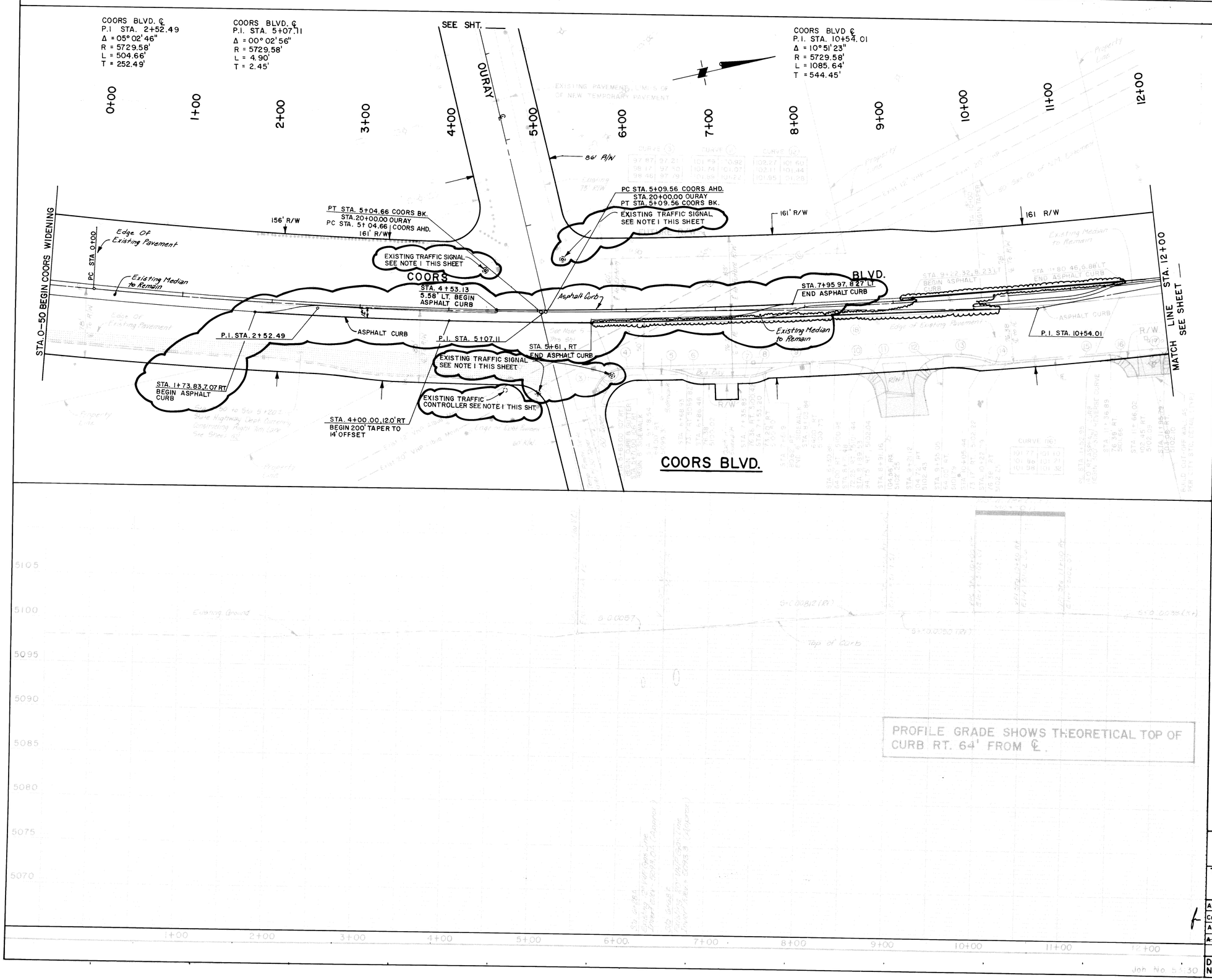
CITY OF ALBUQUERQUE

TITLE: COORS WIDENING - LOTS 2&3
TYPICAL SECTIONS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairmar		8/26/87	Liquid Waste N/A	JEE	8/14/87
A C E - Design	"	"	Traffic	David W. Hanna	8/15/87
A C E - Hydrology	Steve Baking	8/26/87	Water N/A	JEE	8/14/87

DRAWING NO. 3316 MAP NO. H-11 SHEET 9 OF 38

BRUNING 44-132 62236



PROFILE GRADE SHOWS THEORETICAL TOP OF CURB RT. 64' FROM ℄.

NOTES

1. The traffic signals at the Ouray/Coors intersection shall remain in operation until the median openings are closed. All of the traffic signal equipment, including traffic controller, signals, pull boxes and foundations shall be removed. All salvageable equipment shall be transported by the Contractor to the City Yards, 5501 Pino Street N.E., with the exception of the controller which will be transported by City personnel. The Contractor shall give three (3) days notice to Tom Kennerly at 505/764-1599 before transporting this equipment. The Contractor shall also give the City three (3) days notice prior to excavating the traffic controller. The removal and transportation of these traffic signal facilities shall be included in Bid Item No. 1 in the Bid Proposal.

2. See Sheets 11 and 18 for Ouray/Coors storm sewer work.

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
VERIFICATION BY BHI DATE 4/89
DRAWINGS CORRECTED BY BHI DATE 4/89
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
STA. N.M. 448 - N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
1/22/87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM L. VREE
4/28/87
PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE 4/28/88

PLAN
SCALE: HORIZ. 1" = 50'

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

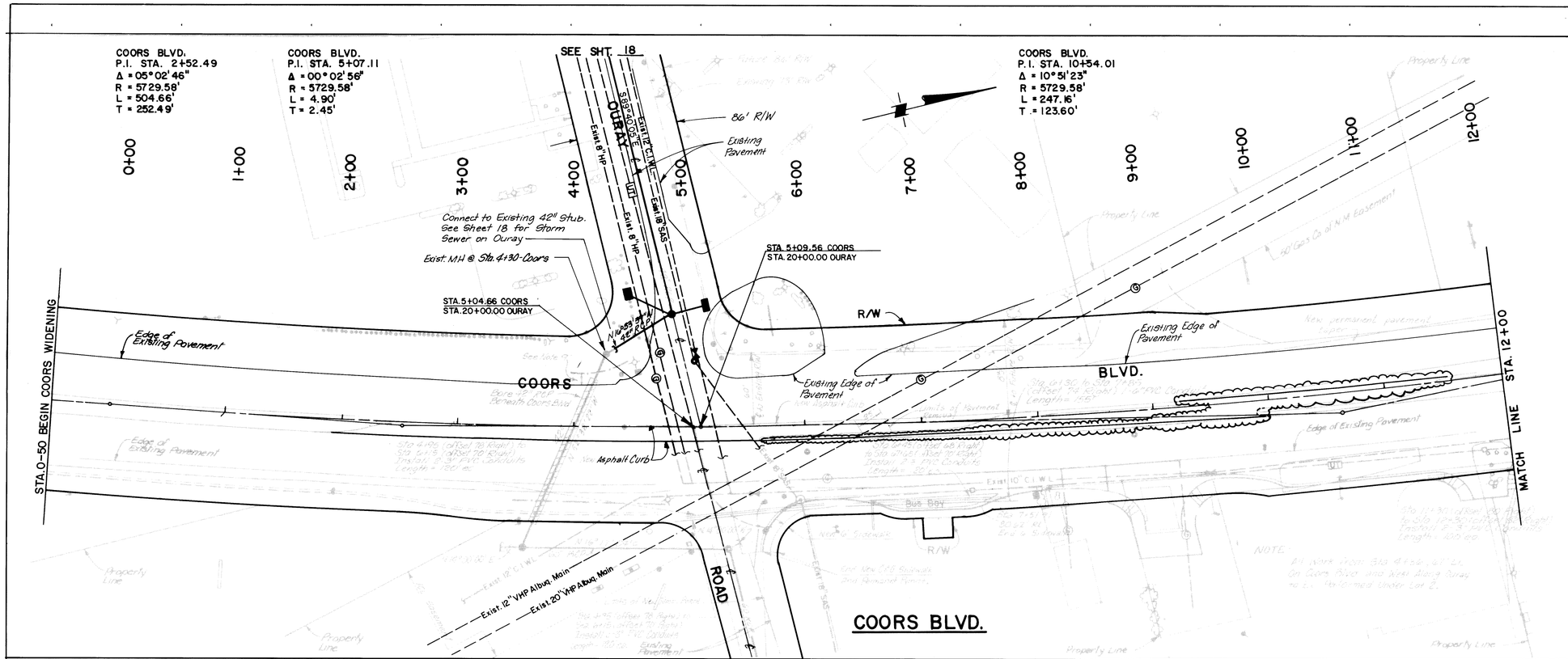
1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 3 1 6 1 0 8 8

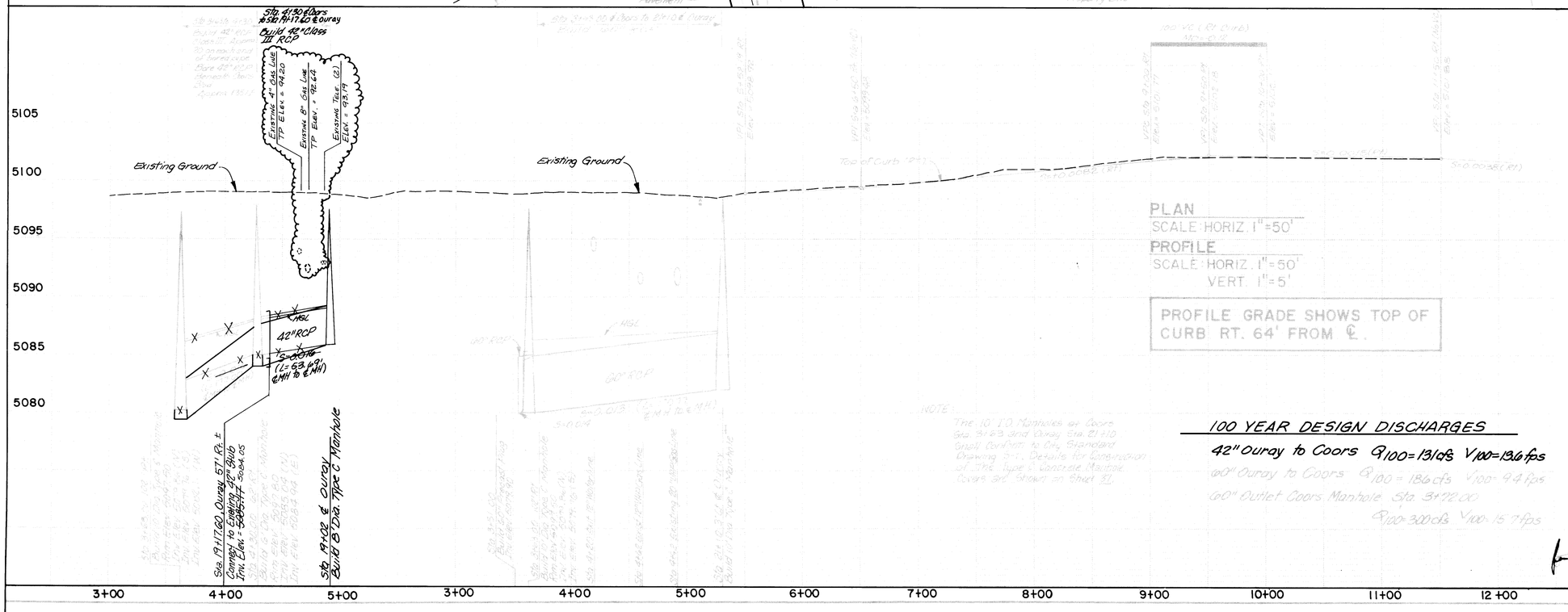
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING
COORS BLVD STA 0-50 TO STA 12+00
ROADWAY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E. - Design	" "	"	Traffic		8/15/87
~~A.C.E.~~ - Hydrology		8/21/87	Water NA	JEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	10	38





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

PROFILE GRADE SHOWS TOP OF CURB RT. 64' FROM ℄.

100 YEAR DESIGN DISCHARGES

42" Ouray to Coors Q100 = 131 cfs V100 = 13.6 fps

60" Ouray to Coors Q100 = 186 cfs V100 = 9.4 fps

60" Outlet Coors Manhole Sta. 3+72.00 Q100 = 300 cfs V100 = 15.7 fps

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

PLAN
SCALE: HORIZ. 1" = 50'

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

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

RECORD DRAWINGS
DATE 4/28/88

WILLIAM L. VARELA
NEW MEXICO
8131
4/28/88
REGISTERED PROFESSIONAL ENGINEER

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK COMPLETED BY BHI DATE
INSPECTORS ACCEPTANCE BY CGP DATE 5/88
VERIFICATION BY BHI DATE 4/88
CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST. LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
7/27/87

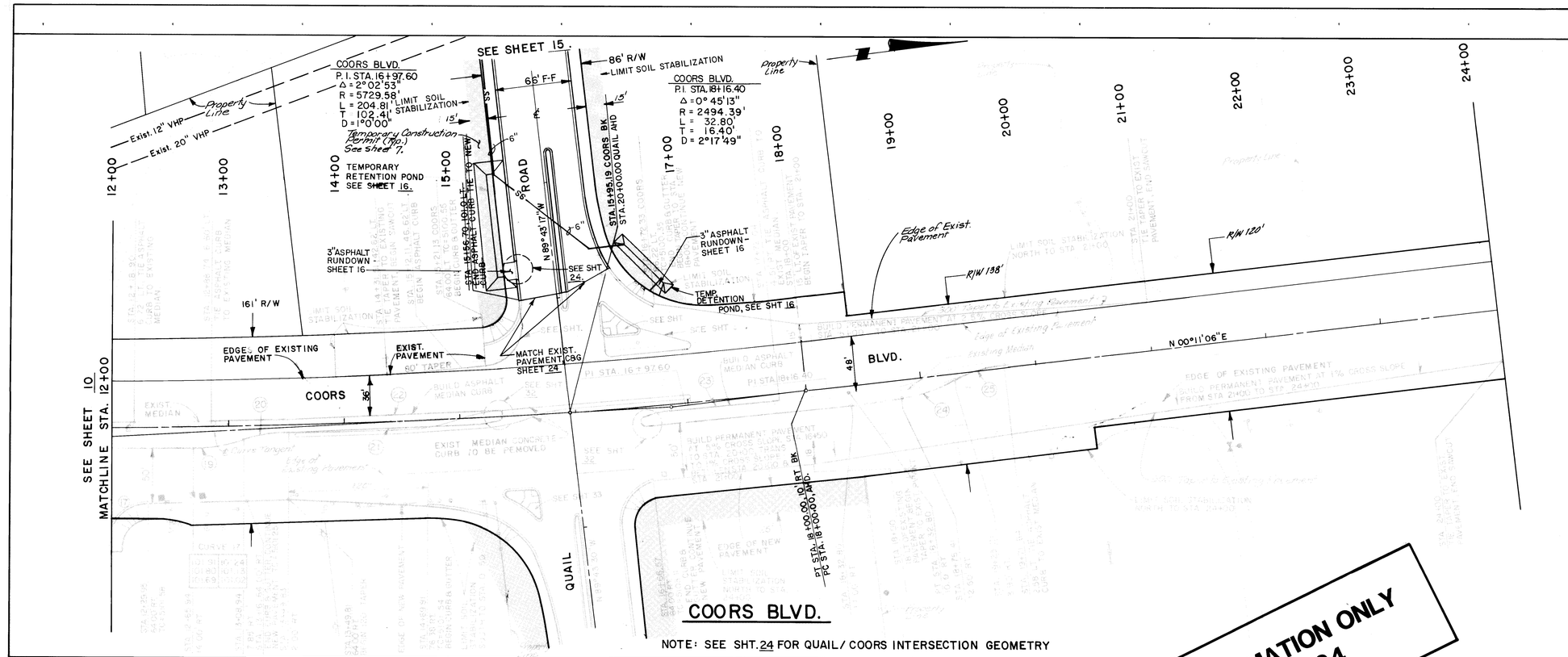
REVISIONS
NO. DATE REMARKS BY
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

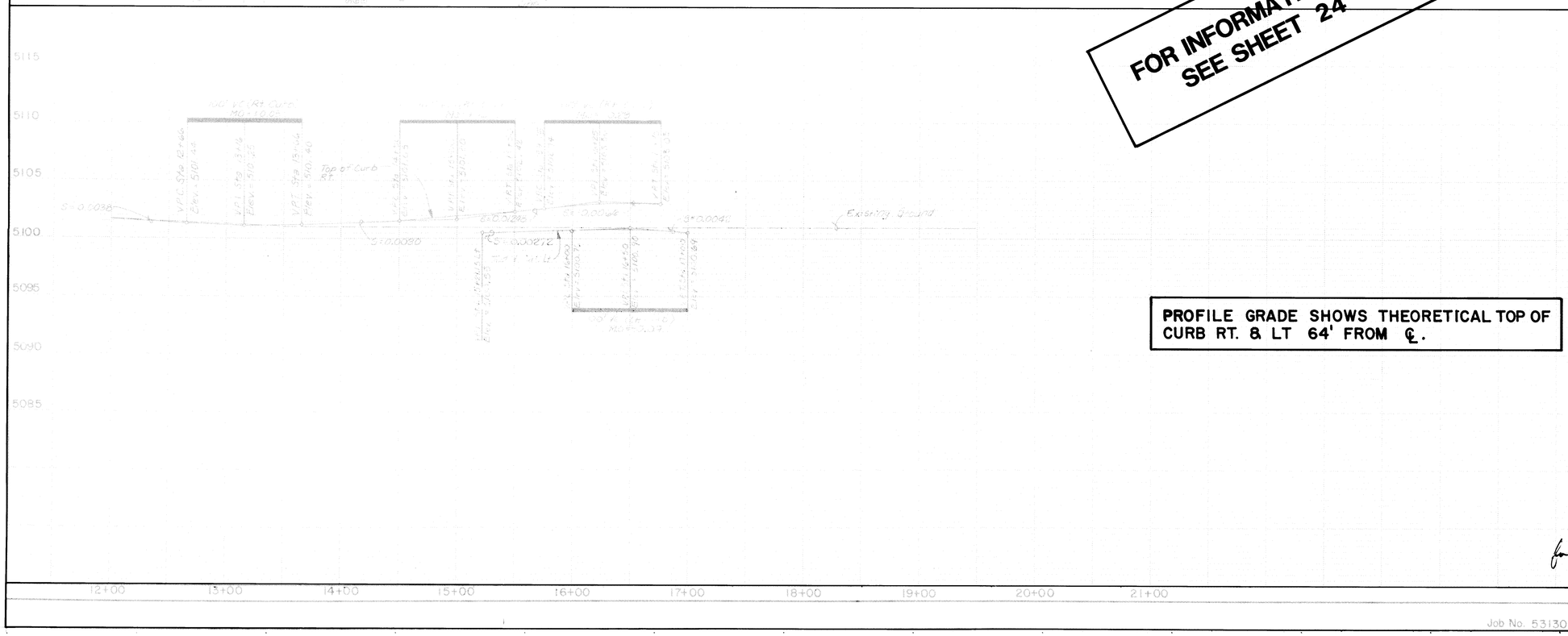
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
COORS WIDENING — LOTS 2 & 3
COORS BLVD. STA. 0-50 TO STA. 12+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E.-Design	" "		Traffic		8/15/87
A.C.E.-Hydrology		8/26/87	Water NA	JEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	11	38





AS BUILT INFORMATION

CONTRACTOR SUNDANCE MECHANICAL

WORK STAKED BY BHI DATE

INSPECTOR'S ACCEPTANCE BY C&P DATE 5/88

FIELD VERIFICATION BY BHI DATE 4/88

DRAWINGS CORRECTED BY BHI DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527

STANDARD N.M.S.H.C BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

ENGINEER'S SEAL

Mark A. Dekker 7/27/87

WILLIAM C. KRAUSE N.M. 8131 REGISTERED PROFESSIONAL ENGINEER 4/22/88

RECORD DRAWINGS

DATE 4/28/88

PLAN

SCALE: HORIZ. 1" = 50'

PROFILE

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

26 3316 1288

REVISIONS

NO. DATE REMARKS BY

DESIGN

DESIGNED BY DATE

DRAWN BY DATE

CHECKED BY DATE

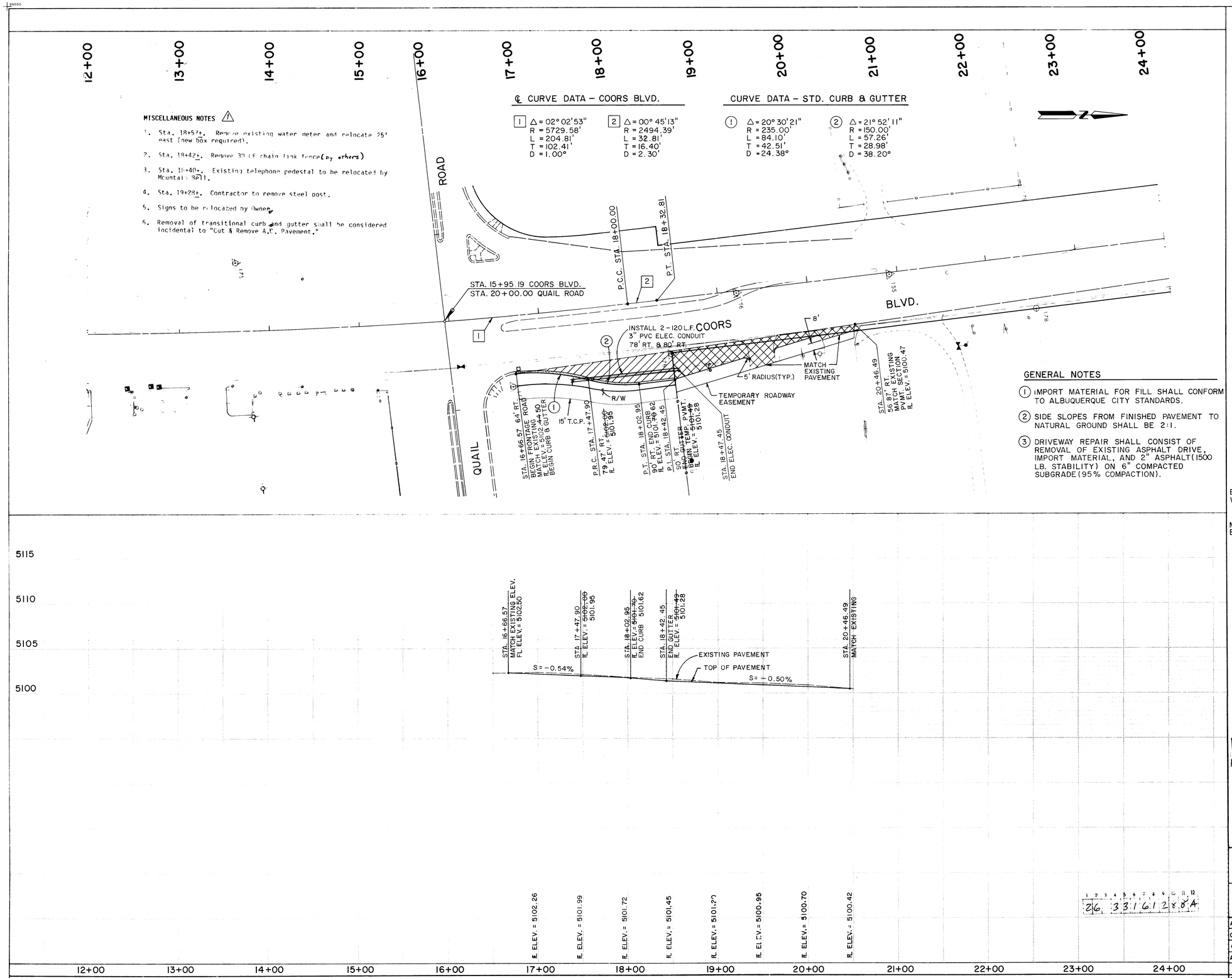
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING — LOTS 2 & 3
COORS BLVD. STA. 12+00 TO STA. 24+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E. - Design	" "	"	Traffic	David W. Hanna	8/15/87
A.C.E. - Hydrology	Steve Bailey	8/26/87	Water NA	JEE	8/14/87

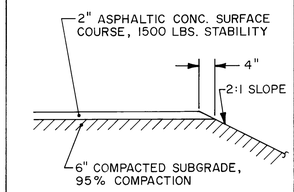
for

DRAWING NO. 3316 MAP NO. H-11 SHEET 12 OF 37



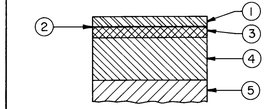
GENERAL NOTES

1. IMPORT MATERIAL FOR FILL SHALL CONFORM TO ALBUQUERQUE CITY STANDARDS.
2. SIDE SLOPES FROM FINISHED PAVEMENT TO NATURAL GROUND SHALL BE 2:1.
3. DRIVEWAY REPAIR SHALL CONSIST OF REMOVAL OF EXISTING ASPHALT DRIVE, IMPORT MATERIAL, AND 2" ASPHALT (1500 LB. STABILITY) ON 6" COMPACTED SUBGRADE (95% COMPACTION).



TEMPORARY PAVEMENT TAPER

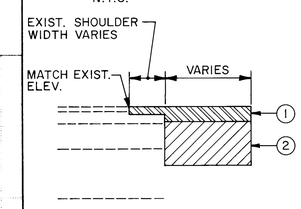
N.T.S.



1. 1 1/2" ASPHALTIC CONCRETE SURFACE COURSE, 1800 LBS. STABILITY
2. TACK COAT
3. 3 1/2" ASPHALTIC CONCRETE BASE COURSE, 1500 LBS. STABILITY
4. 7" GRAVEL BASE COURSE, CLASS II
5. 6" COMPACTED SUBGRADE, 95% COMPACTION

FRONTAGE ROAD SECTION

N.T.S.



1. 2" ASPHALTIC CONCRETE SURFACE COURSE, 1500 LBS. STABILITY
2. 6" COMPACTED SUBGRADE, 95% COMPACTION

TEMPORARY PAVEMENT SECTION

N.T.S.

RECORD DRAWINGS
DATE 5/31/88

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

NO.	DATE	REMARKS	BY
1	4/12	Miscellaneous Notes	HB

REVISIONS

DESIGNED BY HB DATE
DRAWN BY BHI DATE
CHECKED BY HB DATE

AS BUILT INFORMATION
Initial Film Sundance Mechanical
Micro Film Inspection BHI DATE 5/88
As Built Panel By CGP DATE 5/88
Verification By BHI DATE 5/88
Drawings Checked By BHI DATE 5/88
MICRO-FILM INFORMATION
Recorded By DATE
No.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

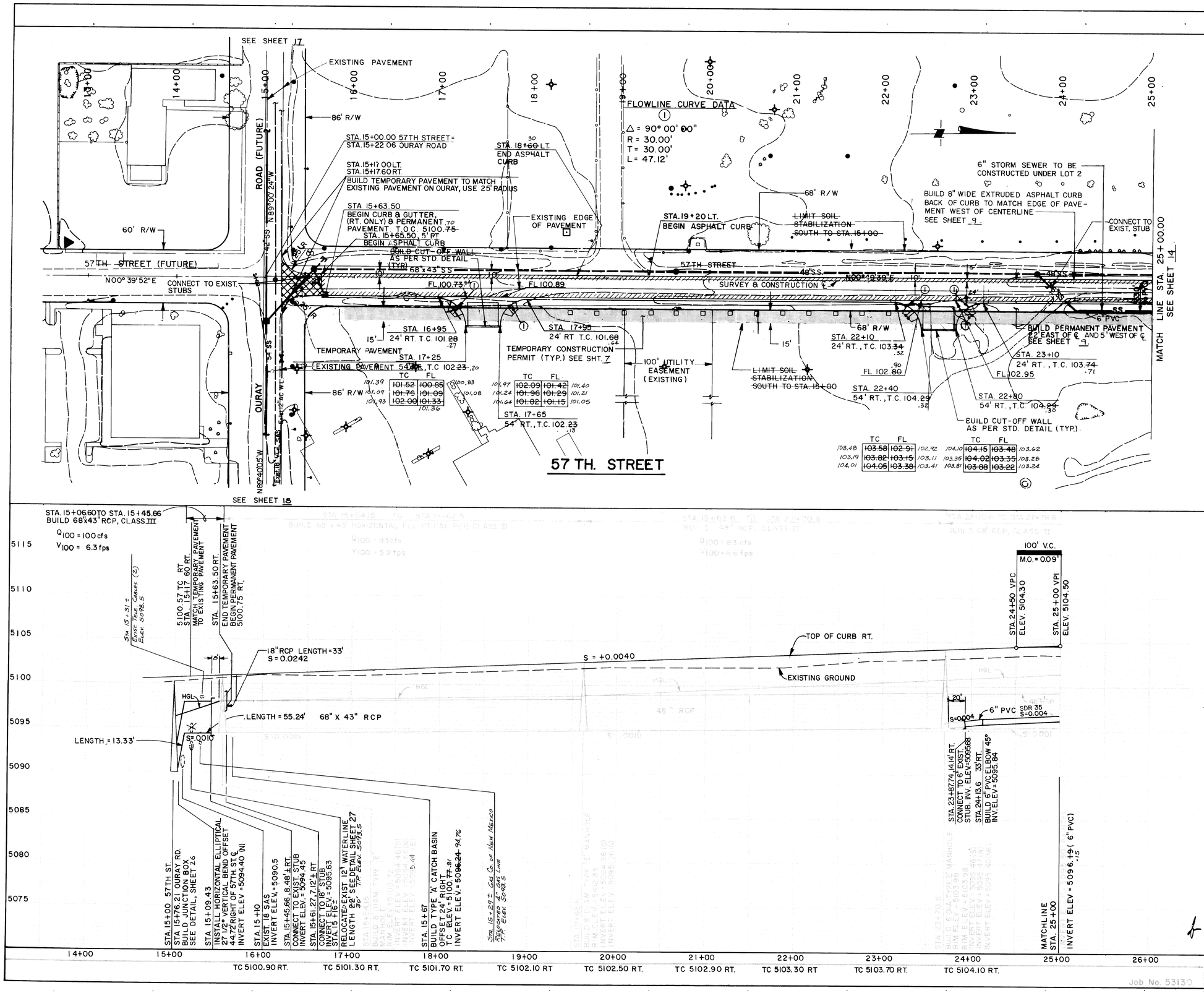
ENGINEER'S SEAL
3/24/88

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: COORS WIDENING
FRONTAGE ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A C E - Design			Traffic		
A C E - Hydrology			Water		

DRAWING NO. | MAP NO. | SHEET 12A OF



TC	FL
101.52	100.85
101.76	101.09
102.00	101.33

TC	FL
102.09	101.42
101.96	101.29
101.82	101.15

TC	FL
103.58	102.91
103.82	103.15
104.05	103.38

TC	FL
104.15	103.48
104.02	103.35
103.88	103.22

Job No. 53130

NOTES

1.) Diaper and Grout all Joints of 68"X43" Horizontal Elliptical RCP.

2.) Wheel Chair Ramps to be Centered Within Curve.

3.) See Sheet 19 For Existing Utilities and Proposed Water and SAS Work.

AS BUILT INFORMATION

CONTRACTOR SUNDANCE MECHANICAL

WORK STAKED BY BHI DATE

INSPECTORS ACCEPTANCE BY CGP DATE 5/88

VERIFICATION BY BHI DATE 4/88

CORRECTED BY BHI DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527

STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

WILLIAM L. VARELA NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS

DATE 4/28/88

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DATE

DRAWN BY DATE

CHECKED BY DATE

PLAN

SCALE: HORIZ. 1" = 50'

PROFILE

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

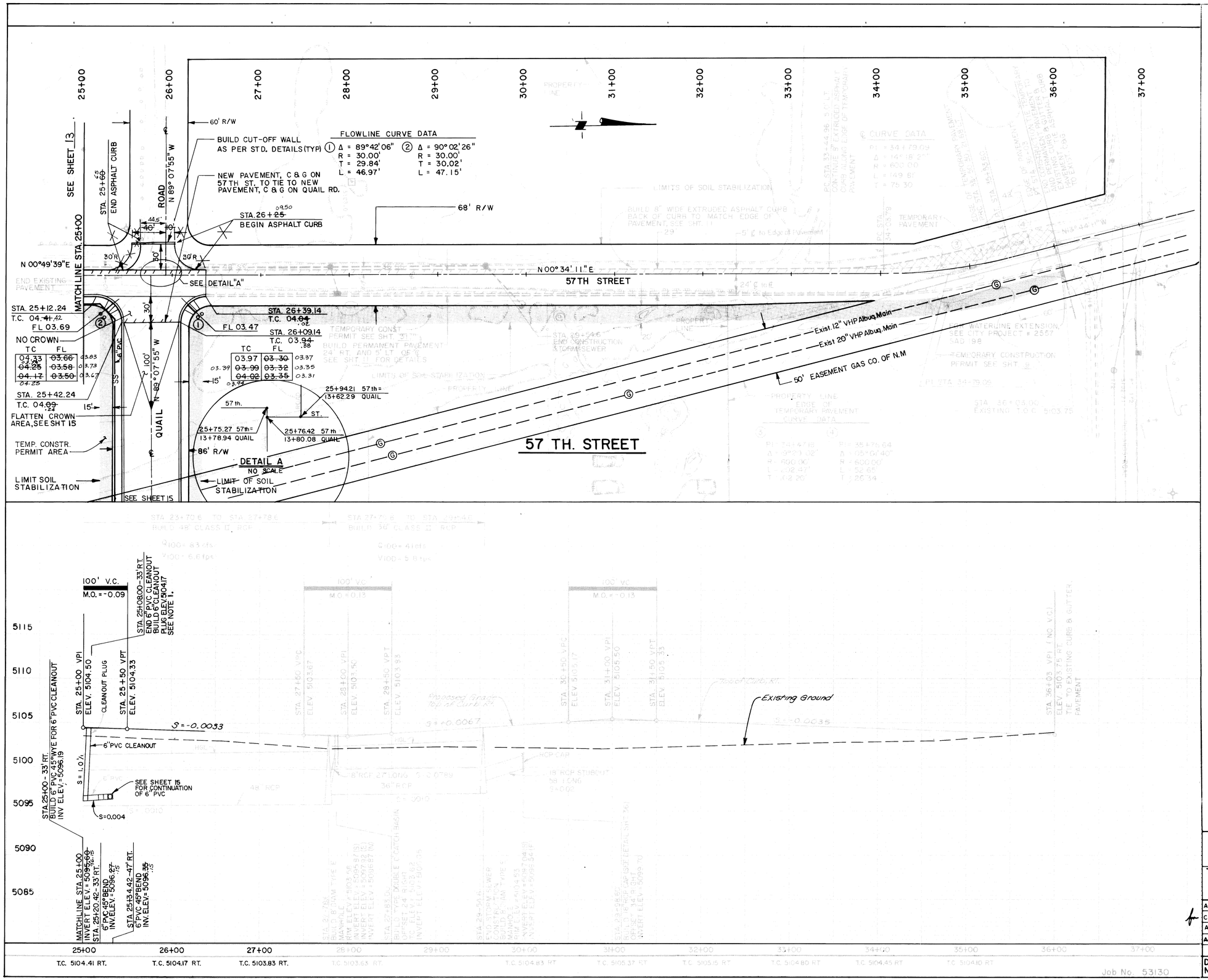
1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	3	1	6	1	3	8	8		

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING - LOT 2 & 3
57 TH. STREET STA. 15+00 TO STA. 25+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste	N/A	8/14/87
A.C.E.-Design	" "	"	Traffic		8/15/87
A.C.E.-Hydrology		8/24/87	Water	N/A	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 13 OF 38



NOTES:

1.) Cleanout Plug Shall Conform to ASTM D 3034, Table 8, Cleanout Adapter, Cap and Plug or an Engineer Approved Equal May be Substituted.

RECORD DRAWINGS
DATE 4/28/88

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

PLAN

SCALE: HORIZ. 1" = 50'

PROFILE

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

1 2 3 4 5 6 7 8 9 10 11 12
26 3316148

AS BUILT INFORMATION
NOTES - SANDANCE MECHANICAL
DRAWN BY BHI DATE 5/88
CHECKED BY CGP DATE 5/88
TRACING AS ON BI BHI DATE 4/88
COMPUTED BY BHI DATE 4/88
MICRO-FILM INFORMATION

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
7-27-87

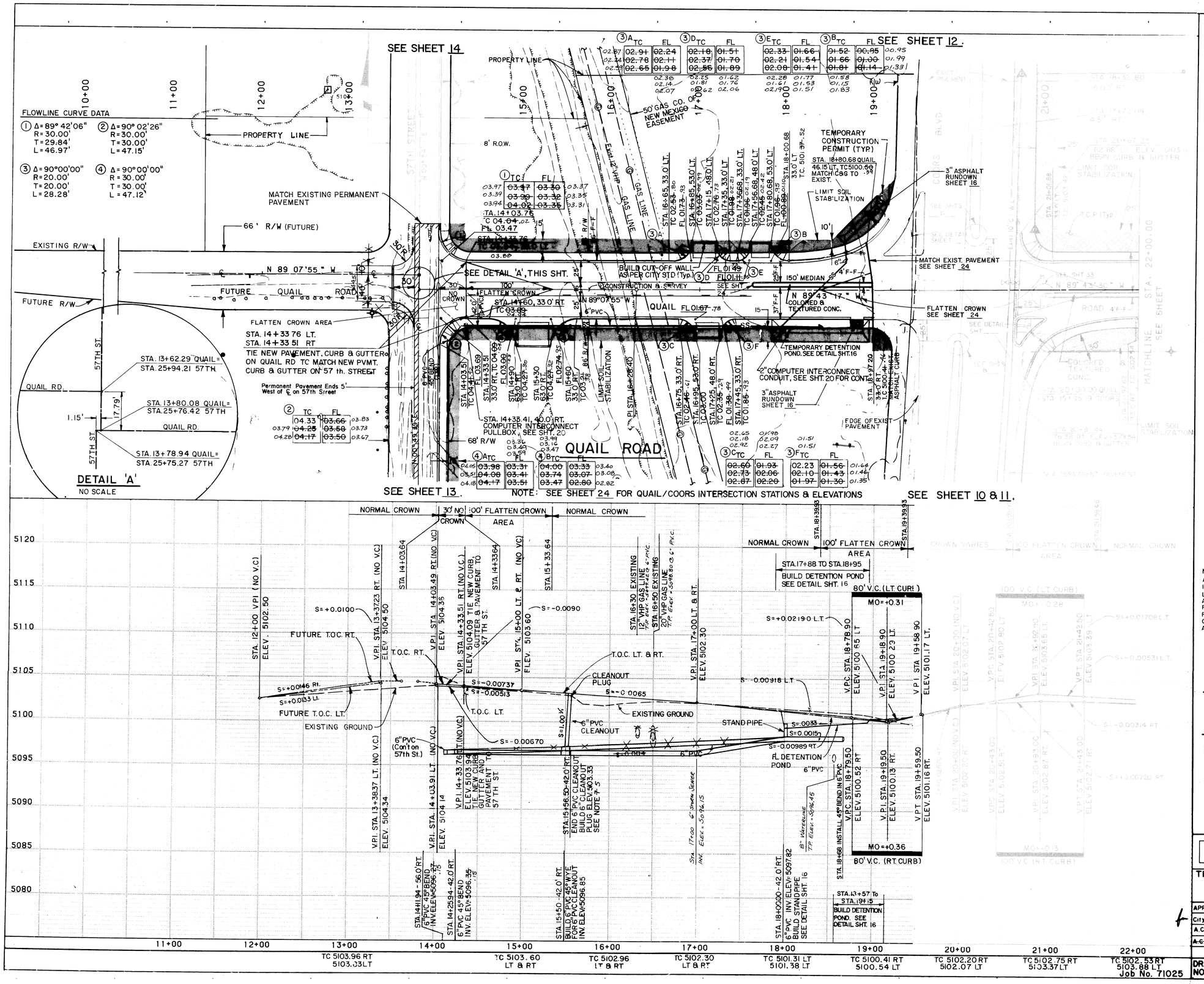
REVISIONS
NO. DATE REMARKS BY
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING - LOTS 2 & 3
57 TH. STREET STA. 25+00.00 TO STA. 26+39.14

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A C E - Design	" "	"	Traffic	Dwight Hammond	8/15/87
~~A C E~~ - Hydrology	Steve Sobey	8/26/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 MAP NO. H-11 SHEET 14 OF 38



NOTES

1. See Sheet 20 for existing utilities and water and sanitary sewer lines to be constructed in this project including traffic signal interconnect conduit (2" PVC).
2. ℄ of wheel chair ramps to match ℄ of the following curves shown on this sheet: 1, 2, 3A, 3B, 3C, 3D, 3E, 3F, 4A, 4B.

   Wheel chair ramp locations for Coors/Quail intersection are shown on Sheets 24 and 28.
3. For asphalt curb and cut-off walls see City Standard Drawing P-8.
4. See Sheet 16 for temporary detention pond details.
5. Cleanout plug shall conform to ASTM D 3034, Table 8 cleanout adapter, cap and plug, or an Engineer approved equal may be submitted.

RECORD DRAWINGS

DATE 4/28/88

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

PLAN

SCALE: HORIZ. 1" = 50'

PROFILE

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

2 6 3 3 1 6 1 5 8 8

BENCH MARKS	
STA. N.M. 448-N3 ELEV. 5099.527	
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.	

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

AS BUILT INFORMATION	
CONTRACTOR SOUNDACE MECHANICAL	
WORK STAKED BY	BHI
DATE	
STAKING ACCEPTANCE BY	GCP
DATE 5/88	
FIELD VERIFICATION BY	BHI
DATE 4/88	
DRAWINGS CORRECTED BY	BHI
DATE 4/88	
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	
NO	

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

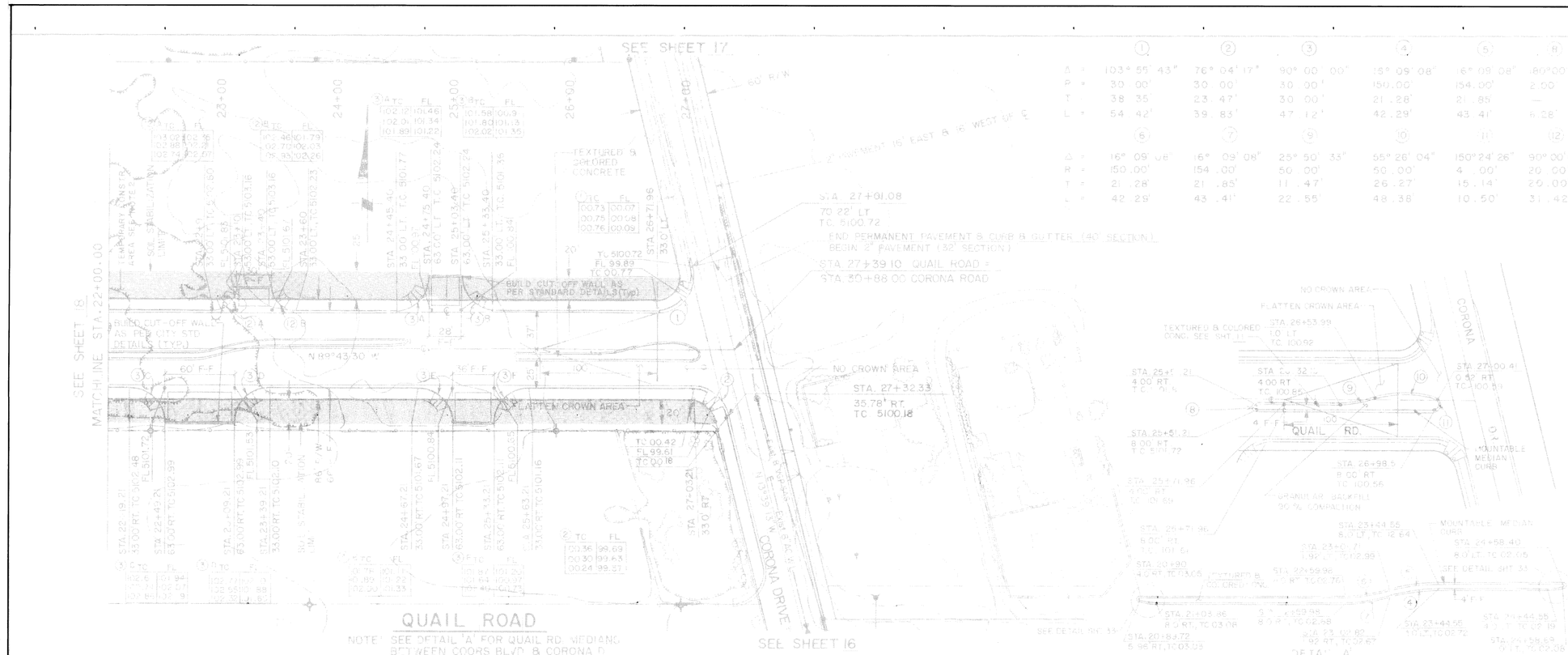
DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
COORS WIDENING – LOTS 2 & 3
QUAIL ROAD STA. 11+40 TO STA. 22+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/14/87	Liquid Waste NA	JEE	8/14/87
A.C.E.-Design			Traffic		8/15/87
A.C.E.-Hydrology	Steve Beloy	8/26/87	Water NA	JEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	15	38



NOTES:

1.) See Sheet 15 For Detention Pond Locations.

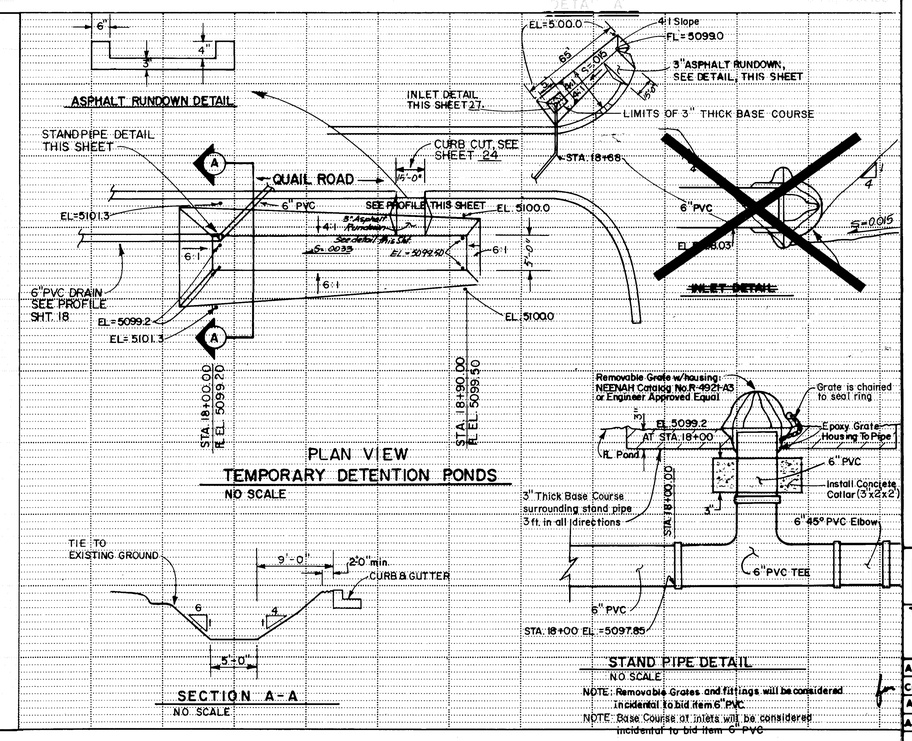
2.) Payment For Detention Ponds Shall be Per Square Yard of Grading for Less Than 2' of Excavation.

3.) Trenching For 6" PVC Storm Sewer Pipe Shall be Incidental to 6" PVC Bid Item.

4.) 3" Asphalt Rundowns Shall be Subsidiary to 6" PVC Bid Item.

	①	②	③	④	⑤	⑥
Δ =	103° 55' 43"	76° 04' 17"	90° 00' 00"	153° 09' 08"	156° 09' 08"	180° 00' 00"
R =	30.00'	30.00'	30.00'	150.00'	154.00'	2.00'
T =	38.35'	23.47'	30.00'	21.28'	21.85'	—
L =	54.42'	39.83'	47.12'	42.29'	43.41'	6.28'

	⑦	⑧	⑨	⑩	⑪	⑫
Δ =	16° 09' 08"	16° 09' 08"	25° 50' 33"	55° 26' 04"	150° 24' 26"	90° 00' 00"
R =	150.00'	154.00'	50.00'	50.00'	4.00'	20.00'
T =	21.28'	21.85'	11.47'	26.27'	15.14'	20.00'
L =	42.29'	43.41'	22.55'	48.38'	10.50'	31.42'



Job No. 53130

AS BUILT INFORMATION	
CONTRACTOR	SUNDANCE MECHANICAL
WORK STAKED BY	BHI. DATE
WORK INSPECTED & ACCEPTANCE BY	C&P DATE 5/88
FIELD VERIFICATION BY	BHI DATE 4/88
DRAWINGS CORRECTED BY	BHI DATE 4/88
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO	

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

WILLIAM L. MARTIN 8131 REGISTERED PROFESSIONAL ENGINEER 8/28/87

7/27/87

RECORD DRAWINGS

DATE 4/28/88

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY — DATE

DRAWN BY — DATE

CHECKED BY — DATE

PLAN

SCALE: HORIZ. 1" = 50'

PROFILE

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

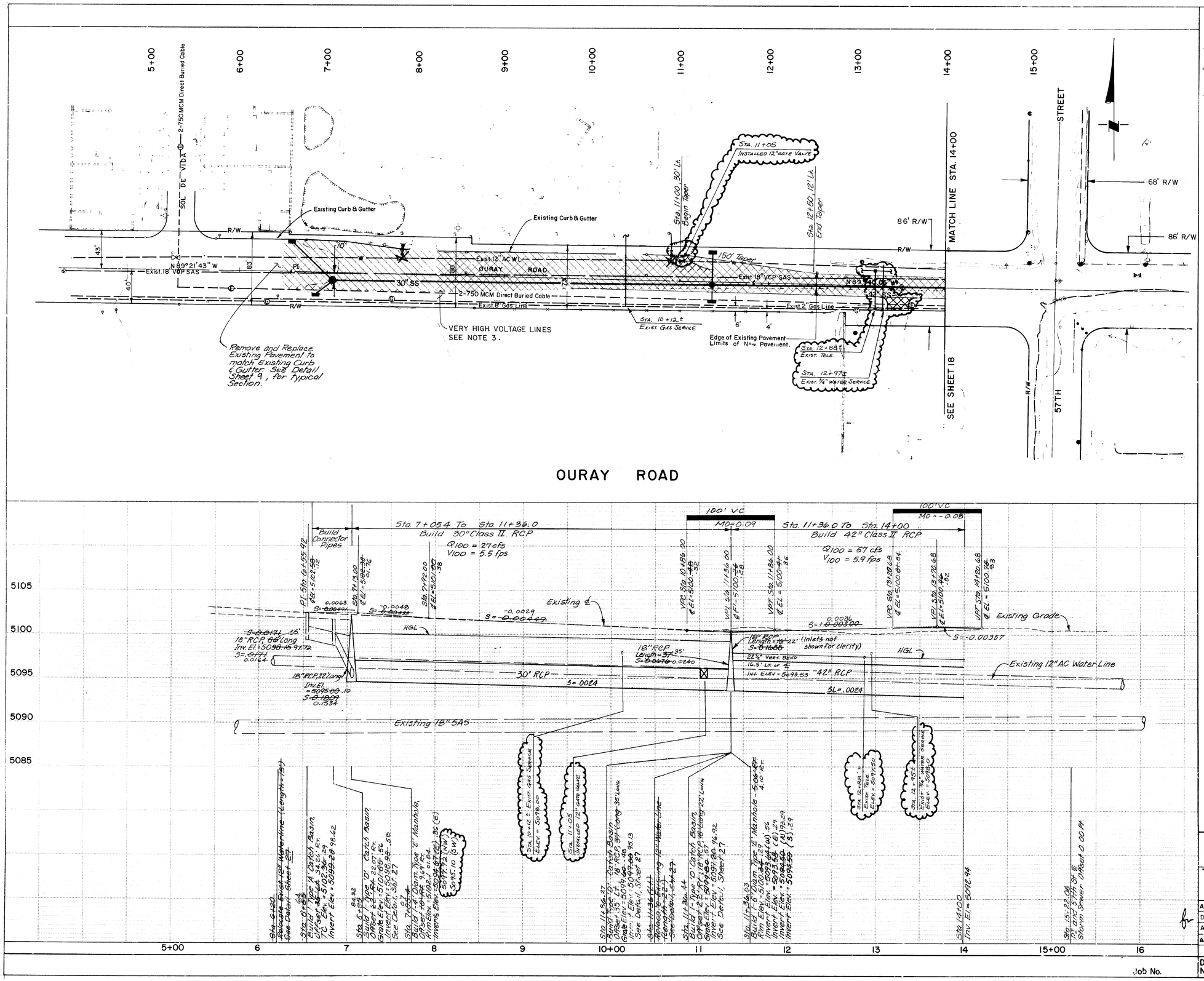
1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 3 1 6 1 6 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING - LOTS 2 & 3
QUAIL RD. DETENTION POND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	7/14/87
A.C.E.-Design	"	"	Traffic		8/5/87
A.C.E.-Hydrology		8/26/87	Water NA	JEE	7/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	16	38



OURAY ROAD

1. See Note 3, Sheet 18

2. See Sheet 27 for Type D Inlet detail.

3. One week before any excavation on Ouray Road between Sta. 5+00 and Sta. 17+00 the Contractor will notify PNM representative Dan White at 761-3306 and request de-energization of the 2-750 KCM high voltage cables.

Two days prior to any excavation on Ouray between Sta. 5+00 and Sta. 17+00, the Contractor shall have all electrical utilities located by calling the blue stake program at 765-1234. The Contractor shall not excavate within 2' of the electrical utilities without a PNM representative on site (761-3306).

The Contractor shall complete all underground construction between Sta. 6+00 and 17+100 on Ouray Road. Within fifteen (15) calendar days notify PNM (761-3306) immediately after work is complete. Upon notification, PNM will re-energize the 750 KCM cables.

AS BUILT INFORMATION

ORIGINAL DRAWING BY Surveyance Mechanical DATE
REVISED DRAWING BY BHI DATE 5/88
REVISED DRAWING BY CGP DATE 4/88
ELECTRONIC FILE UPDATED BY BHI DATE 4/88
COMPUTER FILE UPDATED BY BHI DATE 4/88
MICRO-FILM INFORMATION
MICROFILMED BY DATE
NO CHANGES MADE NO

BENCH MARKS

STA. N.M 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RECORD DRAWINGS
DATE 4/28/88

PLAN
SCALE: HORIZ. 1" = 50'

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

26 33161788

REVISIONS

NO.	DATE	REMARKS	BY	B.G.
1	11/5/88	REVISED STORM SEWER GRADES		

DESIGNED BY BG DATE
DRAWN BY Mcq DATE
CHECKED BY HCS DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

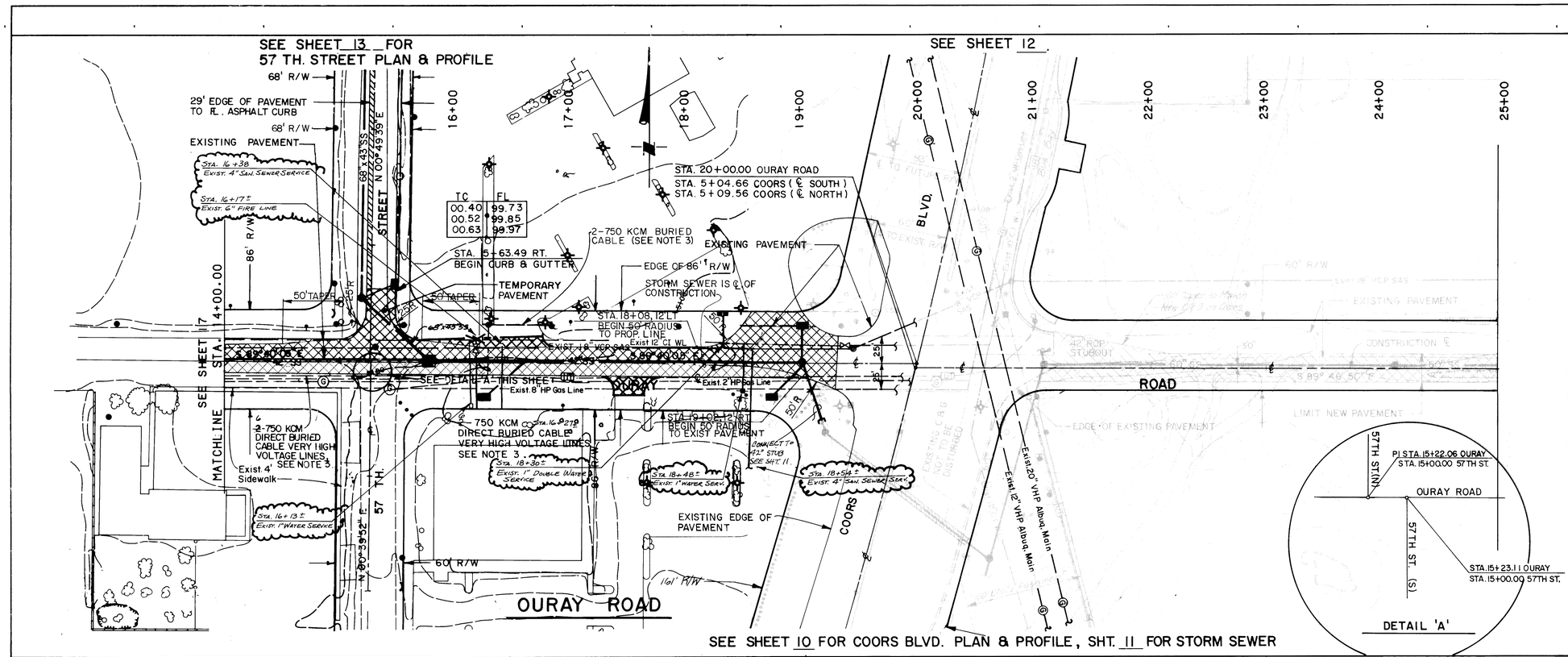
TITLE: COORS WIDENING-LOTS 2 & 3
OURAY ROAD STA. 6+50 TO STA. 14+00

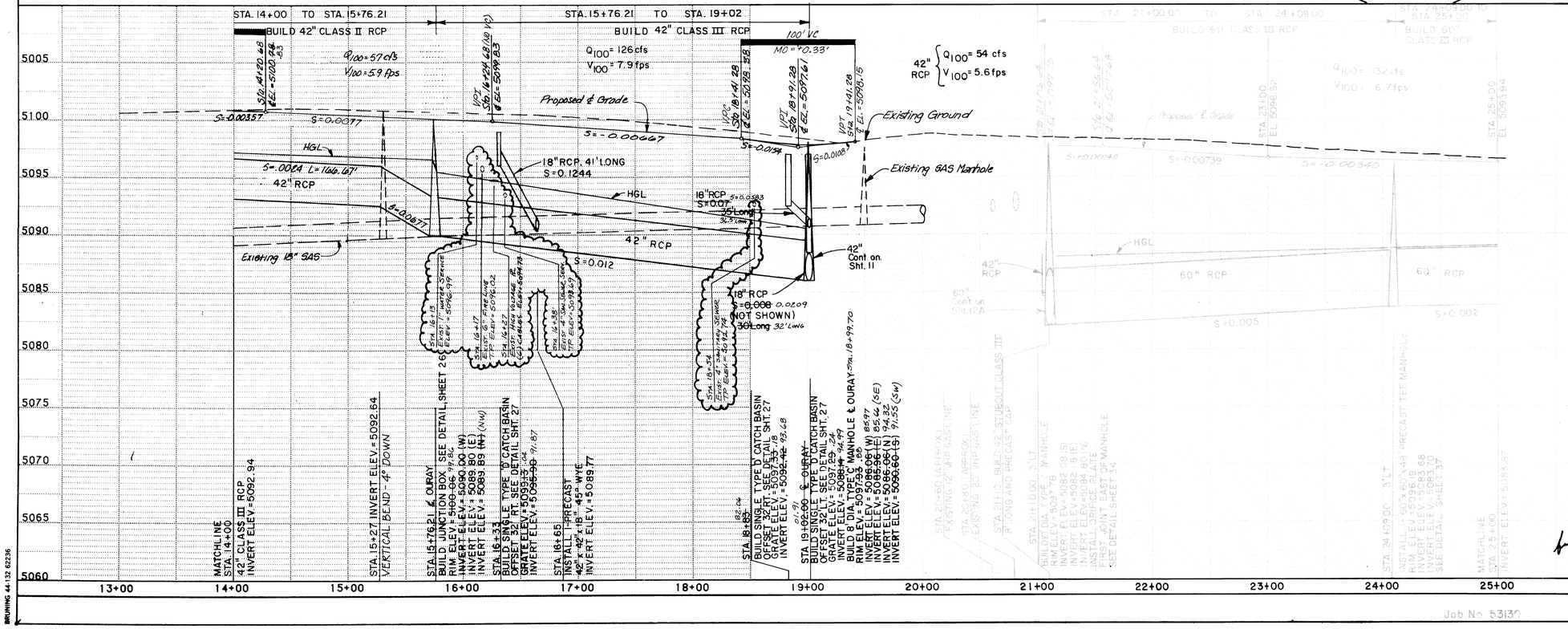
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E.-Design	" "	"	Traffic	David W. Hammond	8/15/87
A.C.E.-Hydrology	Steve Gobey	8/24/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 MAP NO. H-11 SHEET 17 OF 38

Job No.

BRUNING 44 132 6223R





NOTES

1. See Sheet 21 for existing utilities and water and sanitary sewer lines to be constructed in this project.
2. Remove existing pavement as required for storm sewer construction and replace to 24' width minimum horizontally and to vertical grade shown on profile. Where profile grade is omitted, existing grades shall be recorded by the Engineer prior to excavation for later use in replacing pavement. Contractor shall notify Engineer at least one week before excavation.
3. One week before any excavation on Ouray Road between Sta. 5+00 and Sta. 17+00 the Contractor will notify PNM representative Dan White at 761-3306 and request deenergization of the 2-750 KCM high voltage cables.

   Two days prior to any excavation on Ouray between Sta. 5+00 and Sta. 17+00, the Contractor shall have all electrical utilities located by calling the blue stake program at 765-1234. The Contractor shall not excavate within 2' of the electrical utilities without a PNM representative on site (761-3306).

   The Contractor shall complete all underground construction between Sta. 6+00 and 17+100 on Ouray Road. Within fifteen (15) calendar days notify PNM (761-3306) immediately after work is complete. Upon notification, PNM will re-energize the 750 KCM cables.

WILLIAM L. VRIEZE 8131 REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE 4/28/88

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

PLAN
SCALE: HORIZ. 1" = 50'

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

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

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTORS ACCEPTANCE BY C&P DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/87
CORRECTED BY BHI DATE 4/87
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY	B.G.
	1/5/88	REVISED STORM SEWER GRADES		

REMARKS

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

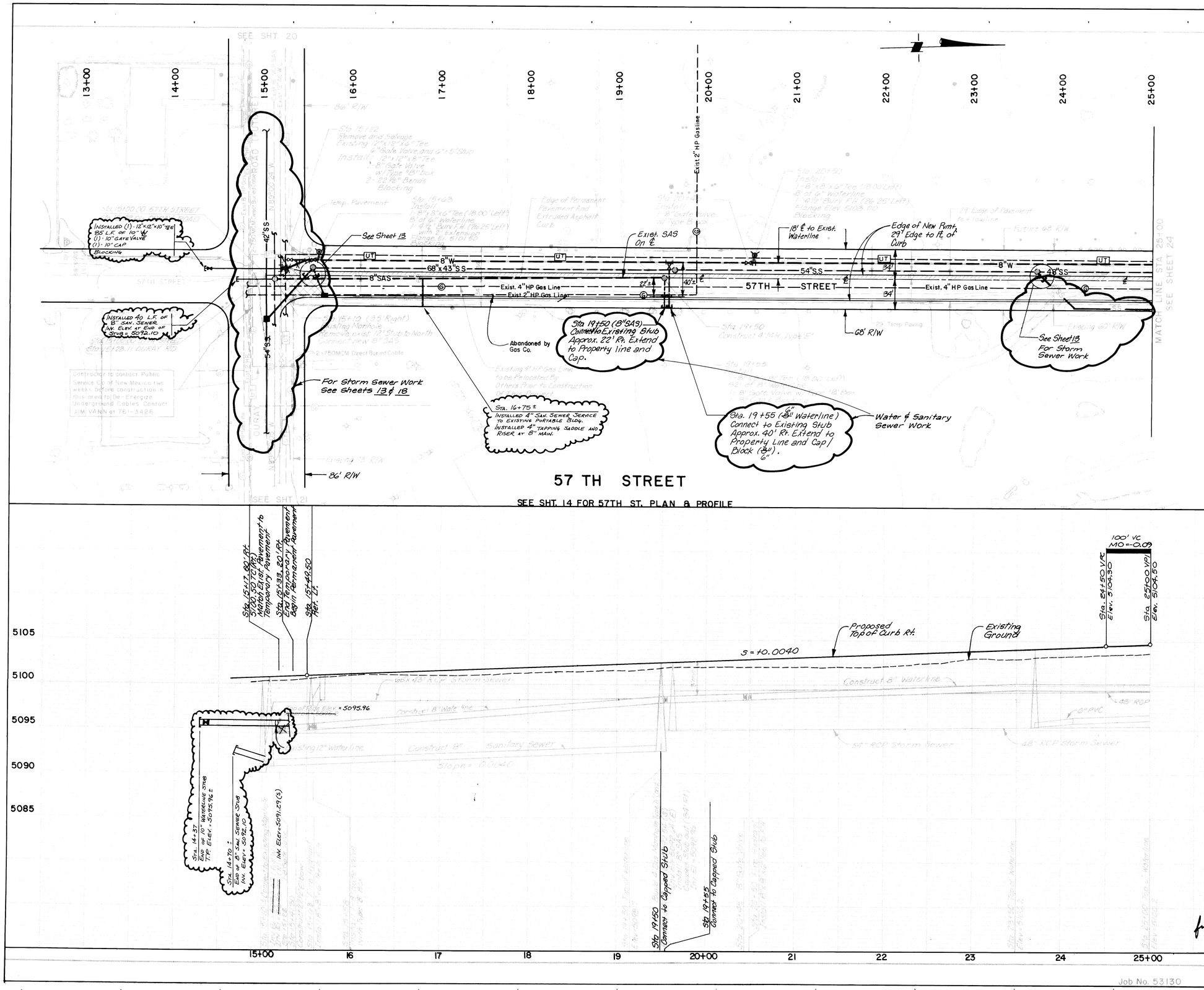
TITLE: COORS WIDENING - LOTS 2 & 3
OURAY ROAD STA. 14+00 TO STA. 25+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E.-Design	" "	"	Traffic		8/15/87
A.C.E.-Hydrology		8/26/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 18 OF 38

Job No. 53130

BRUNING 44-132 62236



Job No. 53130

CONSTRUCTION NOTES

1. Contractor shall verify location and elevation of all existing utilities prior to construction.

2. For AWWA Class C900 PVC pipe, the maximum deflection per 20 foot joint shall be :

Pipe Diam.	Deflection
4"	17"
6"	12"
8"	9"
10"	7"
12"	6"

RECORD DRAWINGS
DATE 4/28/88

PLAN
SCALE: HORIZ. 1" = 50'

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

26 33 16 19 88

THIS SHEET PERTAINS TO WATERLINE AND SANITARY SEWER DESIGN ONLY.

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING – LOTS 2&3
57TH STREET STA. 15+00 TO STA. 25+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		6/26/87	Liquid Waste		
~~A.C.E.~~ - Design			Traffic		
~~A.C.E.~~ - Hydrology		8/24/87	Water		

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 19 OF 38

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

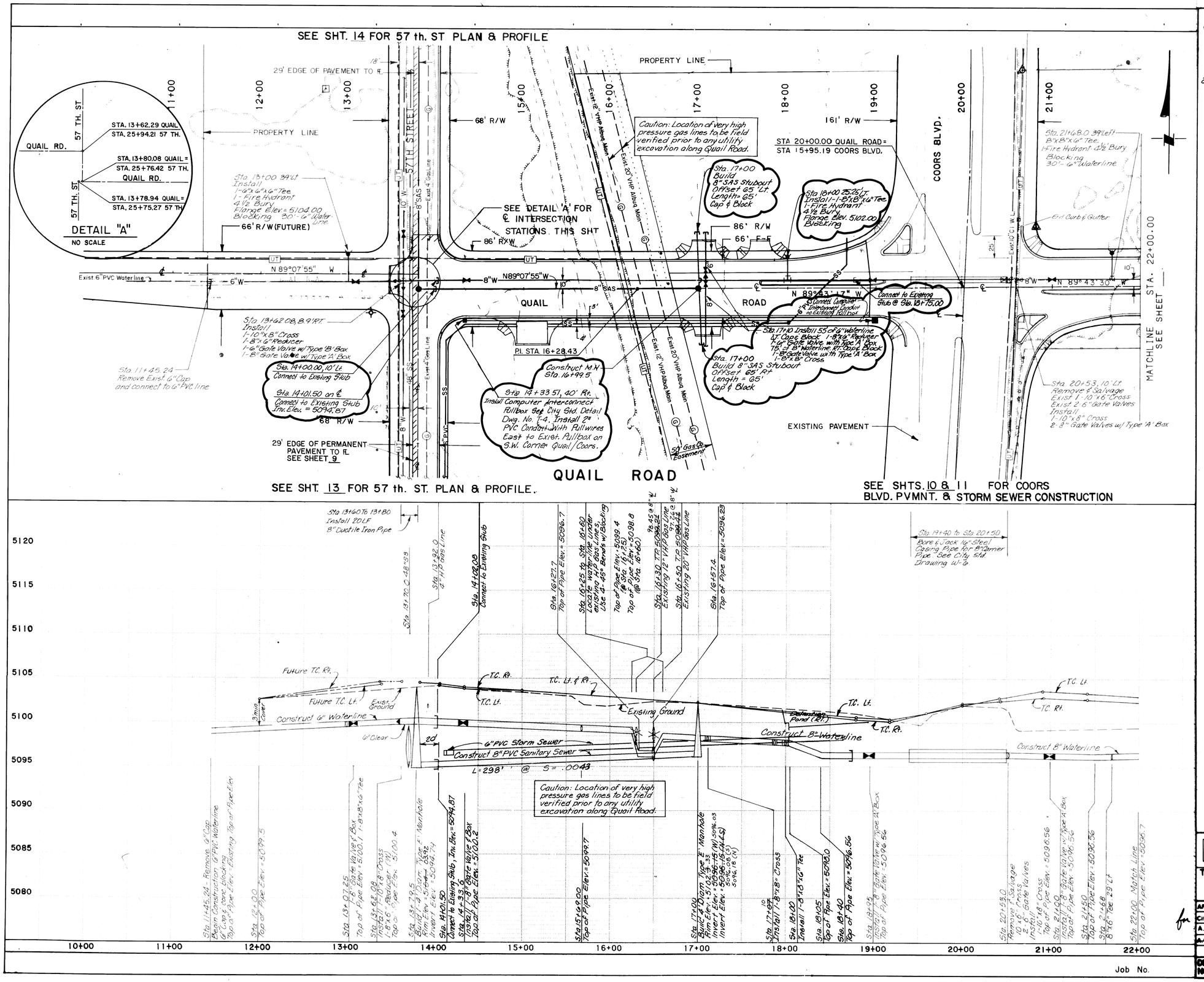
BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.827
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical
STAKED BY BHI DATE
INSPECTORS ACCEPTANCE BY CaP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

ENGINEER'S SEAL
WILLIAM E. WHEELER, NEW MEXICO 8131, REGISTERED PROFESSIONAL ENGINEER, 4/28/88
7/27/88

REVISIONS
NO. | DATE | REMARKS | BY

DESIGN
DESIGNED BY WWW DATE
DRAWN BY Mcq DATE
CHECKED BY HCS DATE



NOTES:

1.) Contractor Shall Verify Location and Elevation of all Existing Utilities Prior to Construction.

2.) For AWWA Class C900 PVC Pipe the Maximum Deflection Per 20 ft. Joint Shall Be:

Pipe Diam.	Deflection
4"	17"
6"	12"
8"	9"
10"	7"
12"	8"

AS BUILT INFORMATION

CONTRACTOR SUNDANCE MECHANICAL

WORK STAKED BY BHI

INSPECTORS ACCEPTANCE BY C&P DATE 5/88

FIELD VERIFICATION BY BHI DATE 4/88

FIELD VERIFICATION CORRECTED BY BHI DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527

STANDARD N.M.S.H.C BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

WILLIAM L. VALE
8131
4/28/88
REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS

DATE 4/28/88

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

PLAN

SCALE: HORIZ. 1" = 50'

PROFILE

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

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

THIS SHEET PERTAINS TO WATERLINE AND SANITARY SEWER DESIGN ONLY.

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

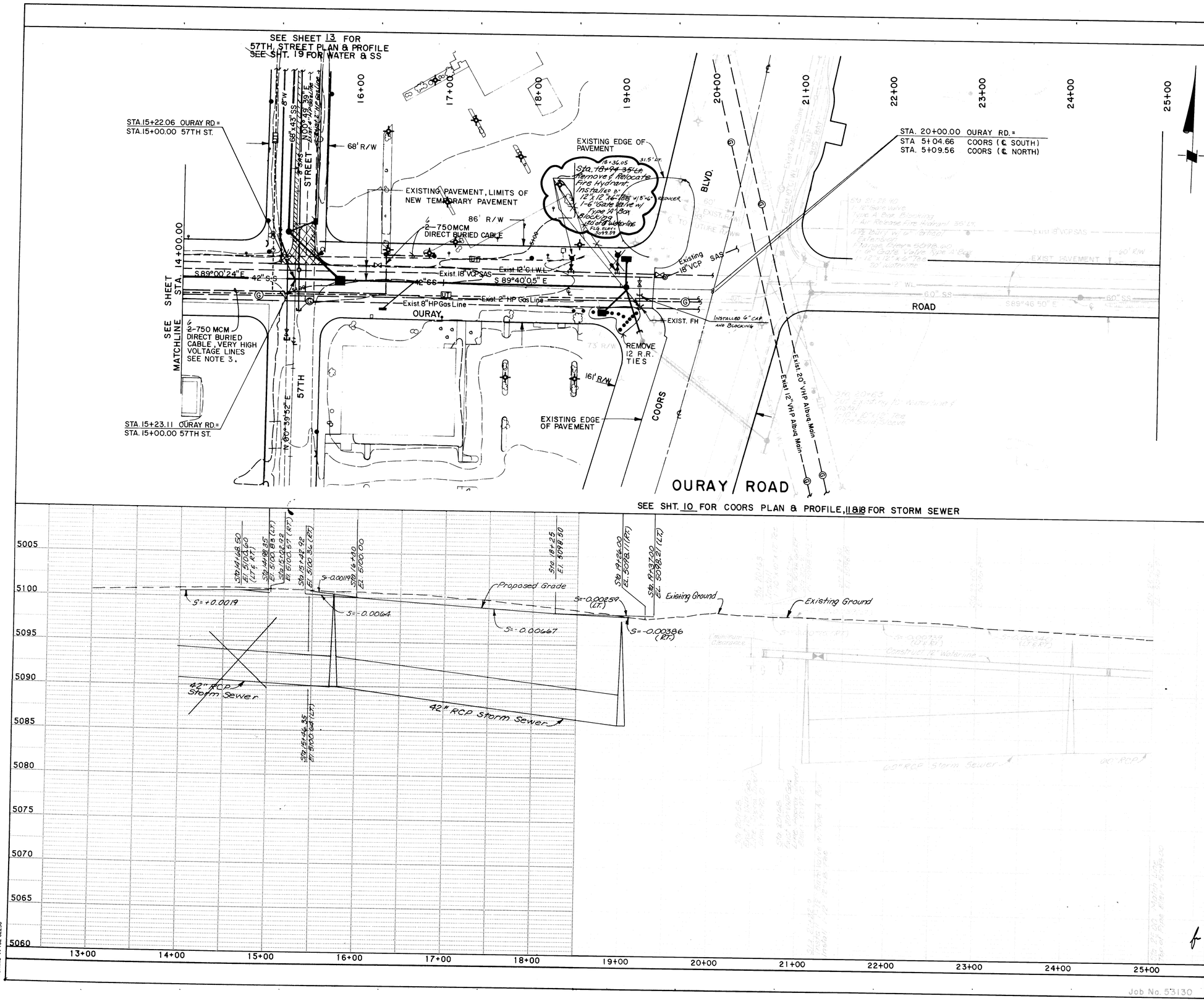
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING - LOTS 2&3
QUAIL ROAD STA. 11+40 TO STA. 22+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste		8/14/87
A.C.E.-Design		" "	Traffic		8/15/87
A.C.E.-Hydrology	Steve Baloy	8/26/87	Water		8/14/87

for

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	20	38



NOTES

1. For AWWA Class C900 PVC pipe, the maximum deflection per 20 foot joint shall be:

Pipe Diam.	Deflection
4"	17"
6"	12"
8"	9"
10"	7"
12"	6"

2. At Sta. 18+94 remove and relocate fire hydrant install 12"x12"x6" Tee., 1-6" Gate Valve w/Type "A" Box Blocking and 20' of 6" waterline to be constructed under Lot 2.

3. One week before any excavation on Ouray Road between Sta. 5+00 and Sta. 17+00 the Contractor will notify PNM representative Dan White at 761-3306 and request deenergization of the 2-750 KCM high voltage cables.

   Two days prior to any excavation on Ouray between Sta. 5+00 and Sta. 17+00, the Contractor shall have all electrical utilities located by calling the blue stake program at 765-1234. The Contractor shall not excavate within 2' of the electrical utilities without a PNM representative on site (761-3306).

   The Contractor shall complete all underground construction between Sta. 6+00 and 17+100 on Ouray Road. Within fifteen (15) calendar days notify PNM (761-3306) immediately after work is complete. Upon notification, PNM will re-energize the 750 KCM cables.

WILLIAM L. VRIEZE 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS
DATE 4/28/88

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

PLAN
SCALE: HORIZ. 1" = 50'

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

THIS SHEET PERTAINS TO WATERLINE AND SANITARY SEWER DESIGN ONLY.

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

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTED BY DATE
ACCEPTANCE BY Cap DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTHWEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
WILLIAM A. OWSLEY 7124/87 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

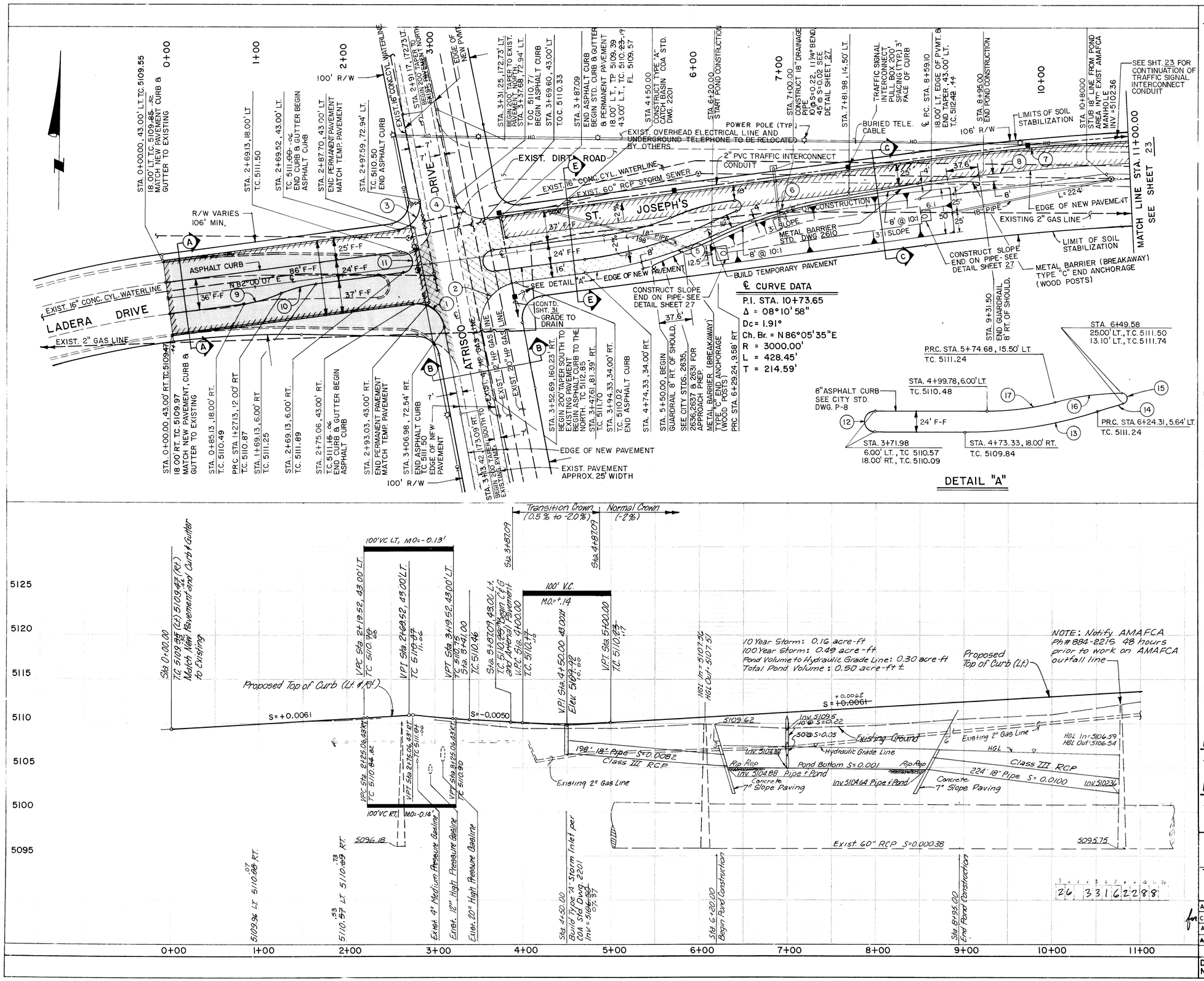
TITLE: COORS WIDENING-LOTS 2 & 3
OURAY ROAD STA. 14+00 TO STA. 25+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[signature]	8/2/87	Liquid Waste	[signature]	8/14/87
A.C.E.-Design	" "	"	Traffic	Dwight Harris	8/15/87
A.C.E.-Hydrology	Steve Eskey	8/2/87	Water	[signature]	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	21	38

BRUNING 44-132 62236

Job No. 53130



NOTES :

1.) EXIST. PAVEMENT, CURB & GUTTER TO BE REMOVED ON LADERA DRIVE.

2.) NEW PERMANENT PAVEMENT SEE SHEET 8 FOR TYPICAL SECTION.

3.) CURVES 1 2 3 7 & 9 THRU 17 DEFINE ℄ AT CURB, CURVES 4 5 6 & 8 DEFINE EDGE OF PAVEMENT.

4.) SEE SHEET 31 FOR ST. JOSEPH'S/ ATRISCO TRAFFIC SIGNALIZATION.

5.) ALL MEDIANS TO HAVE 6" OF BACKFILL 90% COMPACTION, INCIDENTAL TO CONTRACT.

6.) MATL. EXCAVATED FROM POND ON ST. JOSEPH'S TO BE HAULED AND REUSED AS FILL THROUGHOUT PROJECT - LOTS 2 & 3.

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

(1) Δ = 93°41'00" DC = 190.98° R = 30.00' L = 49.05' T = 31.99'	(2) Δ = 83°26'54" DC = 114.59° R = 50.00' L = 72.82' T = 44.58'	(3) Δ = 86°18'60" DC = 190.98° R = 30.00' L = 45.19' T = 28.13'
(4) Δ = 93°41'00" DC = 190.98° R = 30.00' L = 49.05' T = 31.99'	(5) Δ = 17°55'03" DC = 11.38° R = 503.50' L = 157.46 T = 79.37'	(6) Δ = 17°55'03" DC = 11.54° R = 496.50' L = 155.26' T = 78.27'
(7) Δ = 8°10'58" DC = 1.88° R = 3043.00' L = 434.59' T = 217.67'	(8) Δ = 8°10'58" DC = 1.90° R = 3018.00' L = 431.02' T = 215.88'	(9) Δ = 16°15'37" DC = 38.20° R = 150.00' L = 42.57' T = 21.43'
(10) Δ = 16°15'37" DC = 38.20° R = 150.00' L = 42.57' T = 21.43'	(11) Δ = 180°00'00" DC = -- R = 12.00' L = 37.70' T = --	(12) Δ = 180°00'00" DC = -- R = 12.00' L = 37.70' T = --
(13) Δ = 17°55'03" DC = 11.75° R = 487.50' L = 152.45' T = 76.85'	(14) Δ = 02°56'43" DC = 11.18° R = 512.50' L = 26.34' T = 13.17'	(15) Δ = 179°59'58" DC = -- R = 5.95' L = 18.69' T = --
(16) Δ = 14°27'27" DC = 19.10° R = 300.00' L = 75.50' T = 38.05'	(17) Δ = 14°27'27" DC = 19.10° R = 300.00' L = 75.50' T = 38.05'	

PLAN
SCALE: HORIZ. 1" = 50'

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

AS BUILT INFORMATION
Approved for Construction
Approved for Sanitary Sewer
Approved for Mechanical
BY BHT DATE 5/88
BY CGP DATE 5/88
BY BHT DATE 4/88
BY BHT DATE 4/88
MICRO FILM INFORMATION
DATE

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
WILLIAM E. VEALEY
NEW MEXICO
8131
REGISTERED PROFESSIONAL ENGINEER
7-7-87
RECORD DRAWING 4/28/88

REVISIONS
NO. DATE REMARKS BY DATE

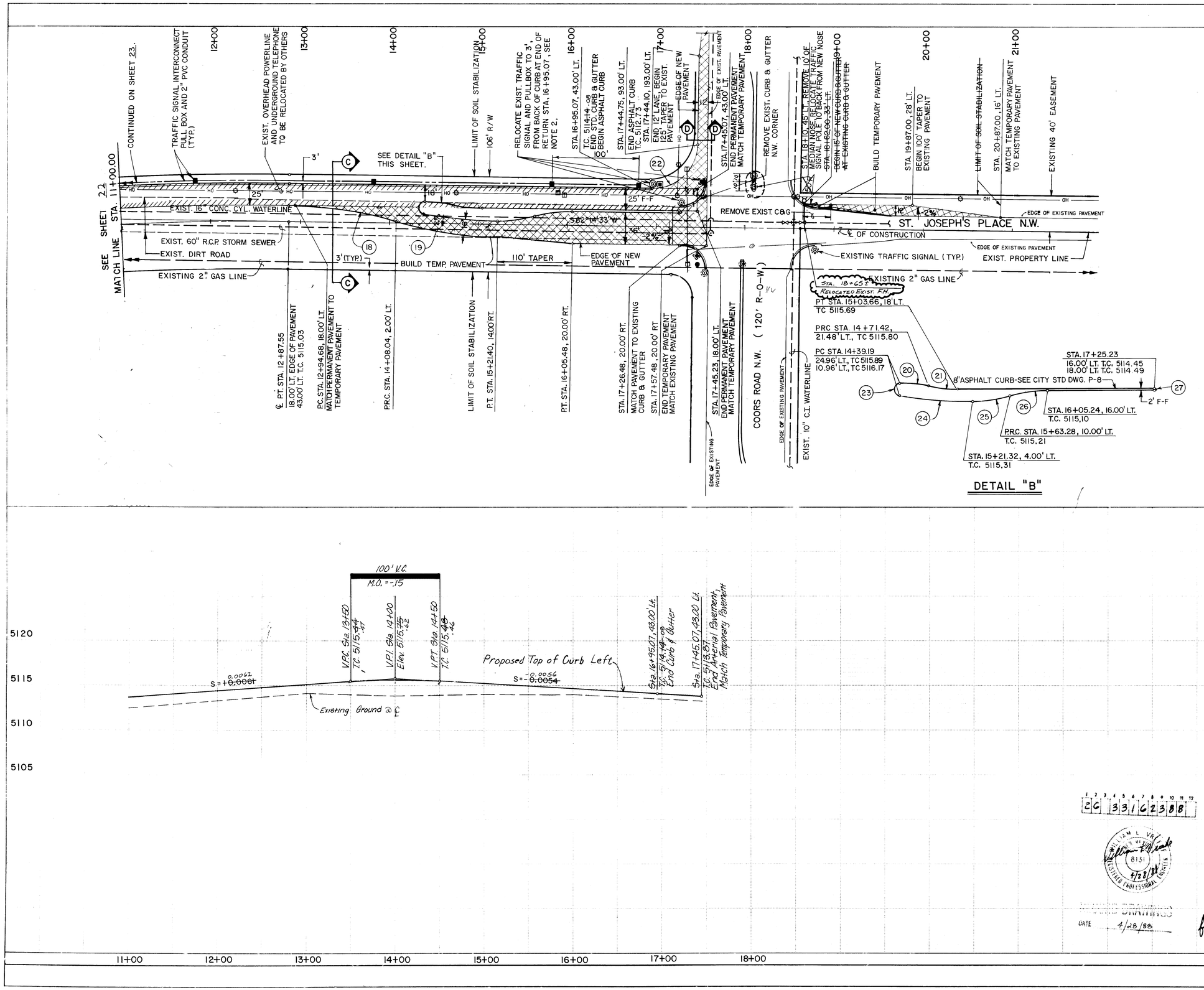
DESIGNED BY
DRAWN BY
CHECKED BY

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING LOTS 2 & 3
ST. JOSEPH'S
STA. 0+00 TO STA. 11+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
for City Engineer		8/26/87	Liquid Waste N/A	JEE	8/14/87
A.C.E.-Design	"	"	Traffic		8/15/87
A.C.E.-Hydrology		8/26/87	Water N/A	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. G-11 | SHEET 22 OF 58



NOTES :

1) NEW ARTERIAL PAVEMENT SEE SHEET 8 FOR TYPICAL SECTION.
2.) THE CONTRACTOR WILL BE REQUIRED TO BUILD TWO NEW TRAFFIC SIGNAL FOUNDATIONS (TYPE I & TYPE II) AND STANDARD PULLBOXES. THESE ITEMS WILL BE PAID FOR USING THE UNIT PRICE IN THE BID PROPOSAL. ALL OTHER WORK REQUIRED TO RELOCATE THESE SIGNALS SUCH THAT THEY ARE OPERATIONAL AS BEFORE, SHALL BE PAID FOR IN BID ITEM No.1 IN THE BID PROPOSAL. 2" PVC CONDUIT BETWEEN NEW SIGNALS AND PULLBOXES.
3.) CURVES (18) AND (19) DEFINE EDGE OF PAVEMENT, CURVES (20) THRU (27) DEFINE FLOWLINE AT CURB.
4.) ALL MEDIANS AND ISLANDS TO HAVE 8" OF BACKFILL, 90% COMPACTION, INCIDENTAL TO CONTRACT.

(18) Δ = 16°04'04" DC = 13.99° R = 409.57' L = 114.86' T = 57.81'

(19) Δ = 16°04'04" DC = 13.99° R = 409.57' L = 114.86' T = 57.81'

(20) Δ = 12°24'29" DC = 38.20° R = 150.00' L = 32.48' T = 16.31'

(21) Δ = 12°24'29" DC = 38.20° R = 150.00' L = 32.48' T = 16.31'

(22) Δ = 89°37'52" DC = 114.59° R = 50.00' L = 78.22' T = 49.68'

(23) Δ = 180°00'00" DC = -- R = 7.0' L = 22.00' T = --

(24) Δ = 9°40'44" DC = 11.74° R = 488.00' L = 82.44' T = 41.32'

(25) Δ = 16°14'46" DC = 38.20° R = 150.00' L = 42.53' T = 21.41'

(26) Δ = 16°14'46" DC = 38.20° R = 150.00' L = 42.53' T = 21.41'

(27) Δ = 180°00'00" DC = -- R = 1.00' L = 3.14' T = --

AS BUILT INFORMATION
NEW ITEM - Sundance Mechanical
MODIFIED BY BHI DATE 3/88
INSPECTED BY CGP DATE 3/88
REVISION BY BHI DATE 4/88
DRAWINGS BY BHI DATE 4/88
MICRO FILM INFORMATION
DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
8/27/87

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

PLAN
SCALE: HORIZ. 1" = 50'

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

2C 3316238

WILLIAM L. VRIEZE 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

AS BUILT DRAWINGS
DATE 4/28/88

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

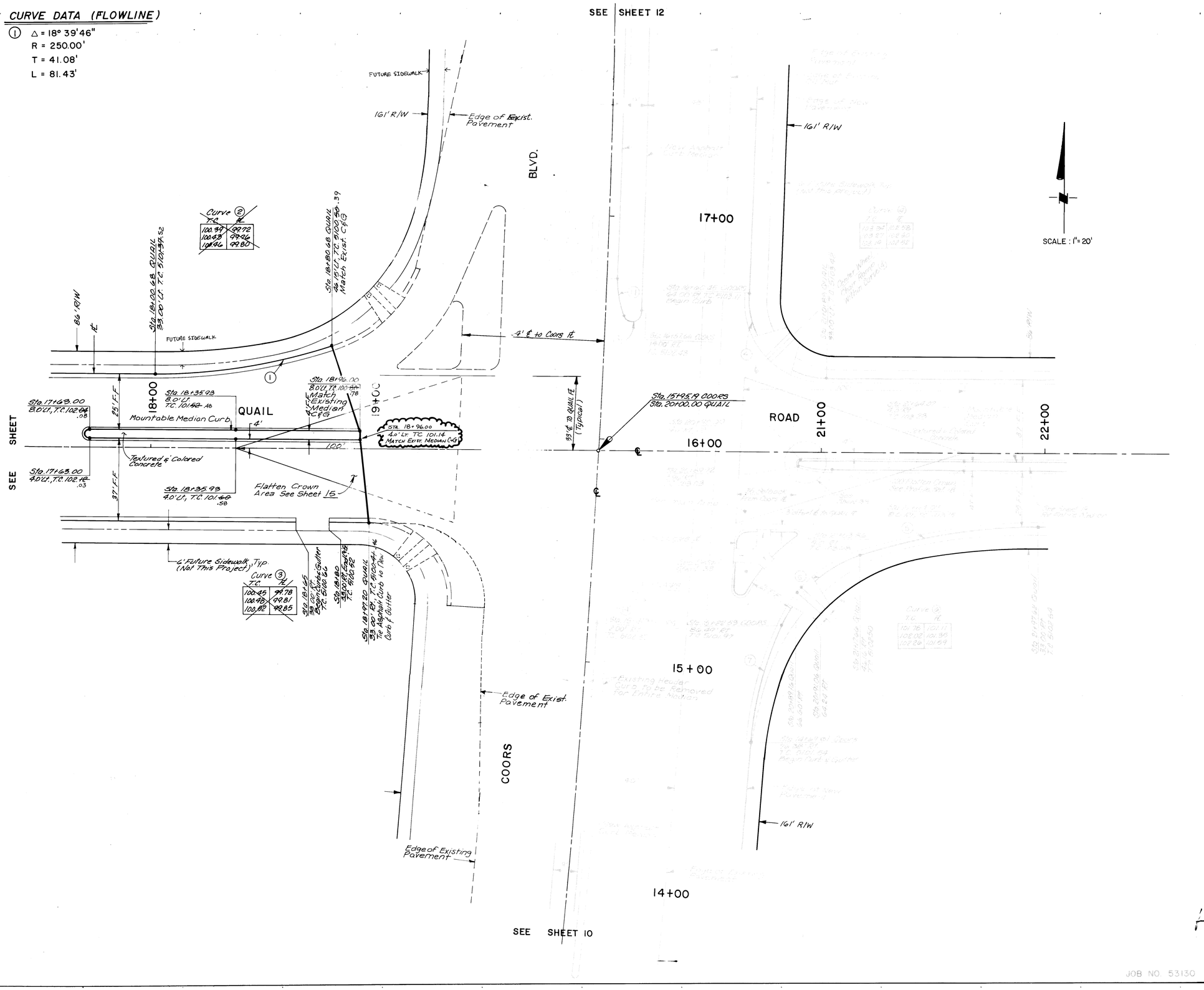
TITLE: COORS WIDENING LOTS 2&3
ST. JOSEPH'S
STA. 11+00 TO STA. 18+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A C E - Design	"	"	Traffic		8/15/87
~~A C E~~ - Hydrology	Steve Boling	8/26/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. G-11 | SHEET 23 OF 38

CURVE DATA (FLOWLINE)

① Δ = 18° 39'46"
R = 250.00'
T = 41.08'
L = 81.43'



NOTES:
1. See Sheets 15 & 16 for detention pond details.

AS BUILT INFORMATION
CONTRACTOR SUNDANCE MECHANICAL
WORK STAKED BY BHI DATE
INSPECTED BY DATE
ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
7/24/87

NO.	DATE	REMARKS	BY

REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM E. VREELAND 8131 4/28/88 REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE 4/28/88

26 33 162480

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

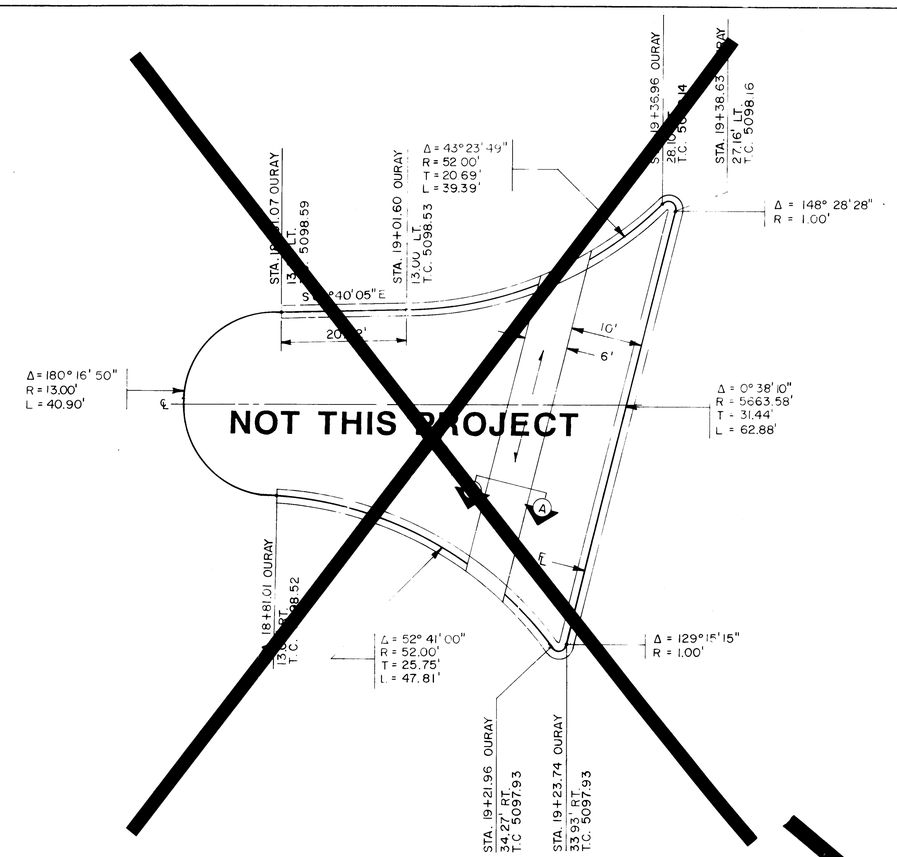
TITLE: COORS WIDENING-LOTS 2 & 3
QUAIL/COORS INTERSECTION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/19/87
A C E - Design	" "	"	Traffic		8/15/87
~~A C E~~ - Hydrology	Steve Boberg	8/27/87	Water NA	JEE	8/19/87

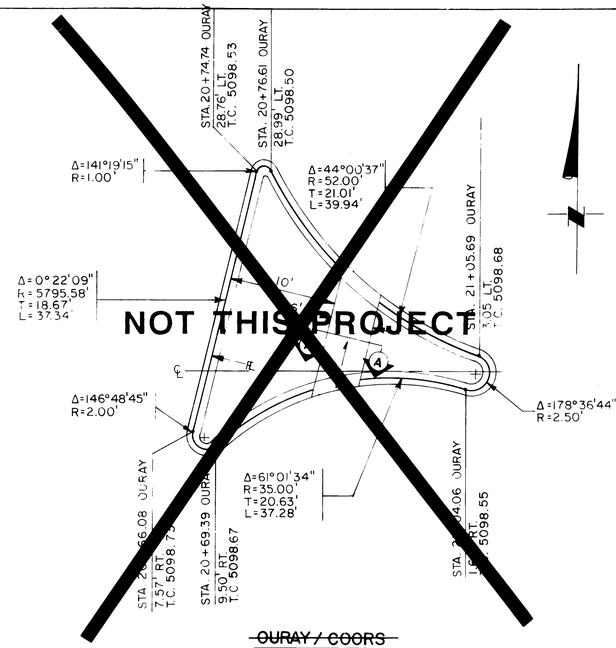
DRAWING NO. 3316 MAP NO. H-11 SHEET 24 OF 38

JOB NO. 53130

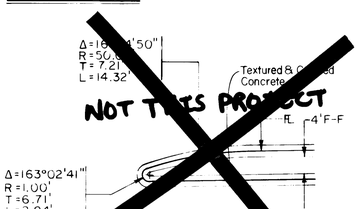
BRUNING 44-132 63374



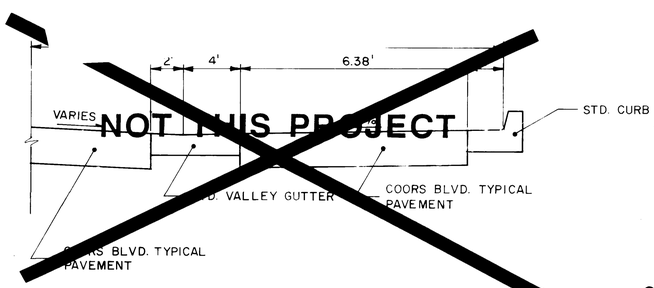
~~OURAY / COORS~~



~~OURAY / COORS~~



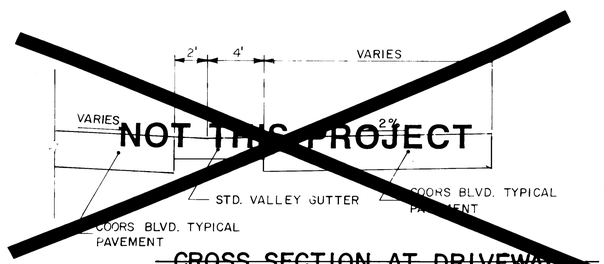
MEDIAN NOSE DETAIL



~~CROSS SECTION AT BUS BAY~~

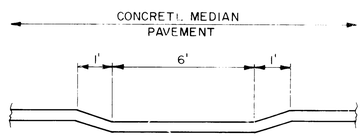
STATION 7+10, SHT. 12

~~6" PVC IRRIGATION SLEEVE DETAIL~~



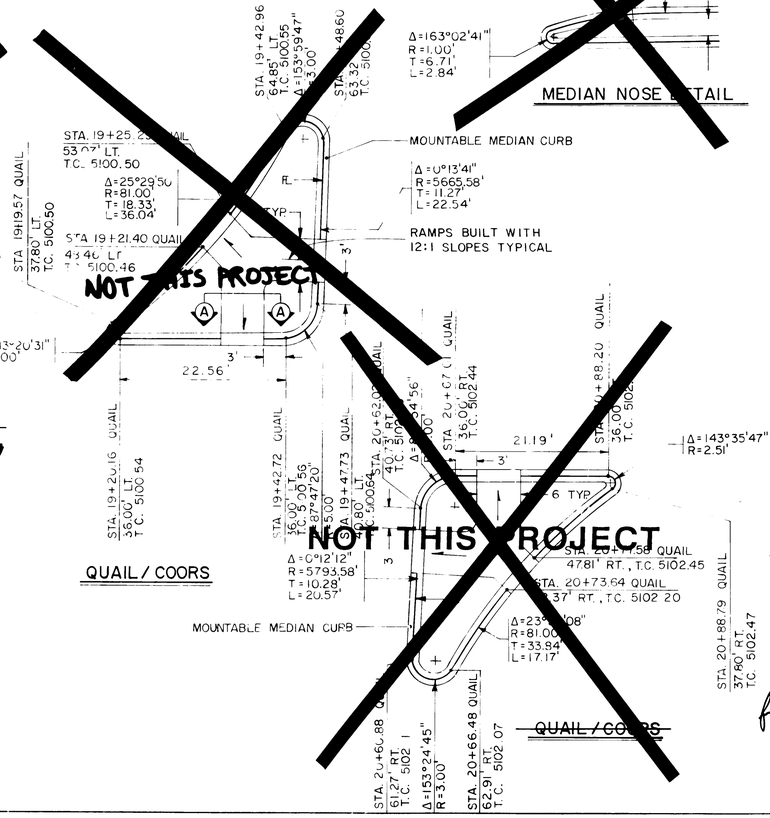
~~CROSS SECTION AT DRIVEWAYS~~

STATIONS: 8+80 RT., 11+80 RT. SHT. 12
13+65 LT. SHT. 13



TYPICAL SECTION A-A

(FOR ALL ISLANDS)



QUAIL / COORS

~~QUAIL / COORS~~

THIS SHEET FOR INFORMATION ONLY

NOT TO SCALE

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

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

AS-BUILT INFORMATION

		DATE
CONTRACTOR		
WORK STAKED BY		
INSPECTOR'S ACCEPTANCE BY		
FIELD VERIFICATION BY		
DRAWINGS CORRECTED BY		

MICRO-FILM INFORMATION

MICROFILMED BY	DATE
NO.	

ENGINEER'S SEAL

William A. Fulton 1/27/87

NO	DATE	REMARKS	BY

REVISIONS

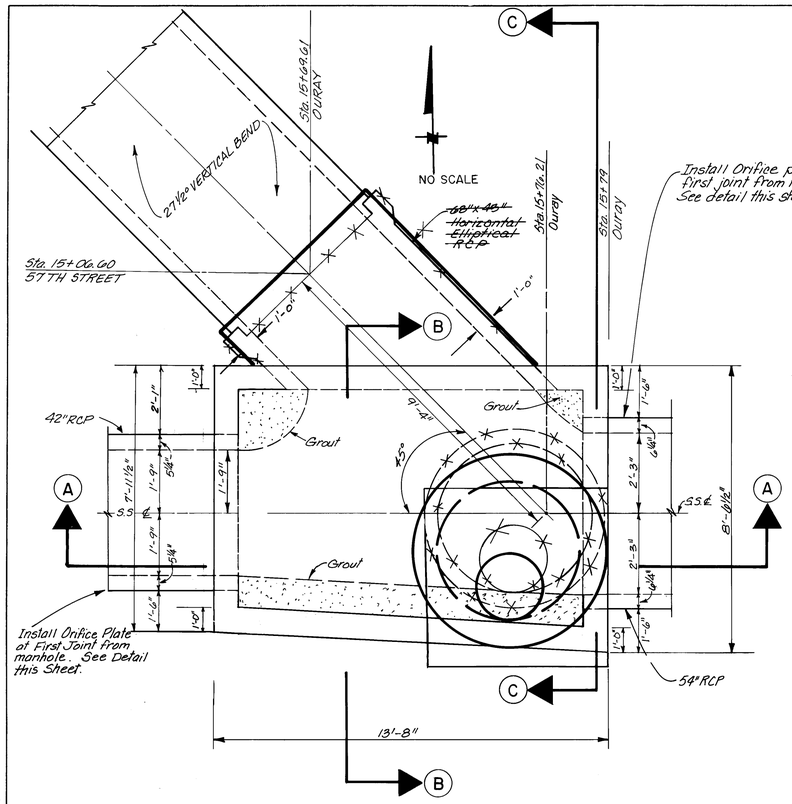
DESIGN		
DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

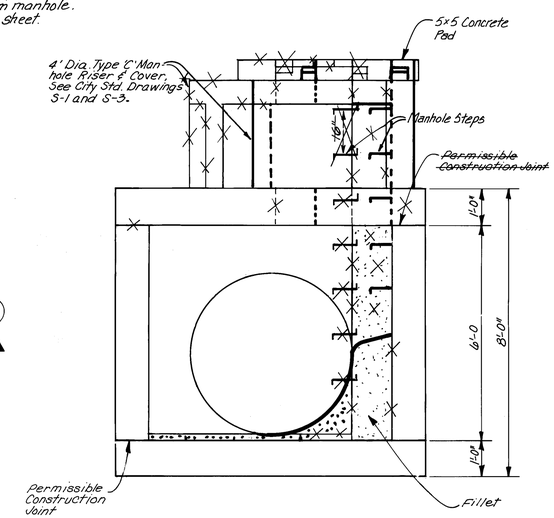
TITLE: COORS WIDENING - LOTS 2&3
MEDIAN & ISLAND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		01/26/87	Liquid Waste NA	JEE	2/14/87
A.C.E. Design		" "	Traffic		
A.C.E. Hydrology	N/A SAB	8/26/87	Water NA	JEE	2/14/87

DRAWING NO	MAP NO	SHEET	OF
3316	H-11	25	38

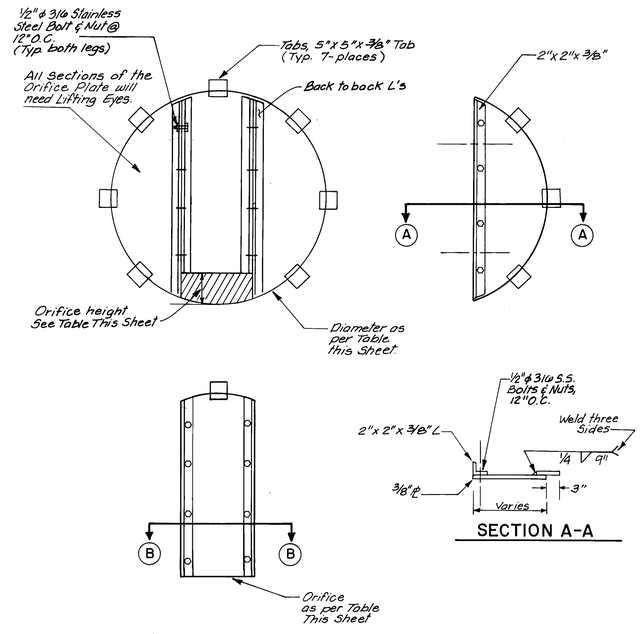


JUNCTION BOX DETAIL

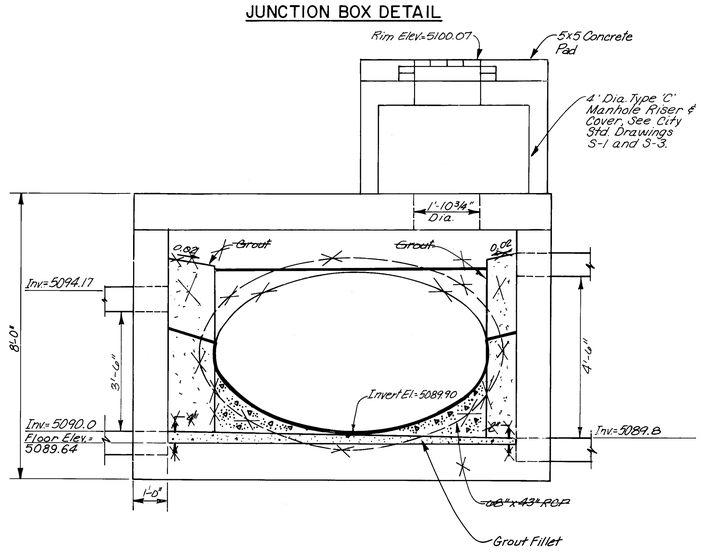


SECTION B-B

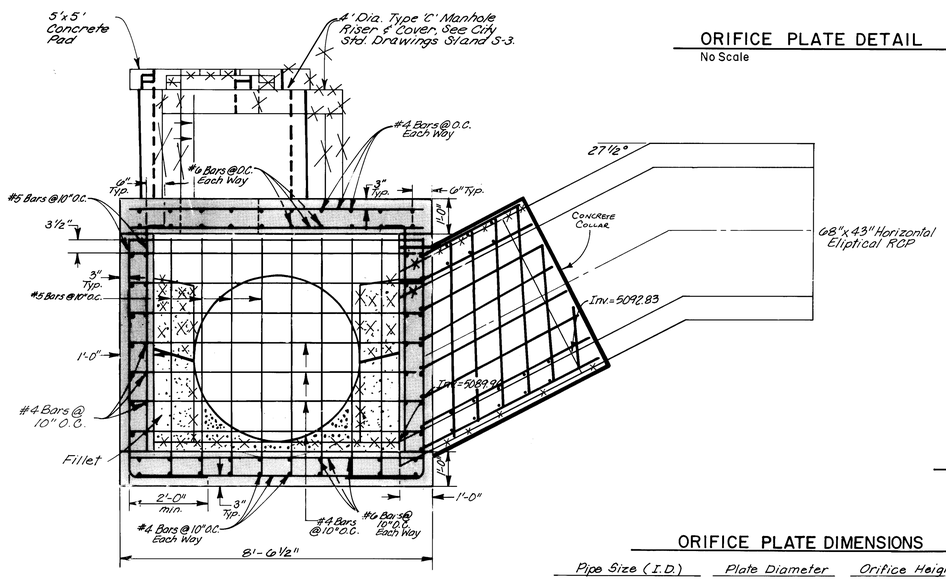
NOTE: The Orifice Plate shall be inserted into the joint between the two Sections of pipe away from the Junction Box. Orifice Plates to be located upstream or downstream from Junction Box as per Junction Box Details. When pipe is laid a ⅜" Spacer will be required at the Joint.



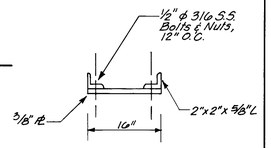
ORIFICE PLATE DETAIL
No Scale



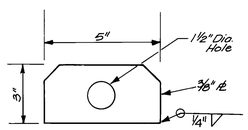
SECTION A-A



SECTION C-C
Front Face Steel Shown For Clarity



SECTION B-B



LIFTING EYE DETAIL
TYPICAL

ORIFICE PLATE DIMENSIONS

Pipe Size (I.D.)	Plate Diameter	Orifice Height
42"	41 ½"	4"
54"	53 ½"	6"
60"	59 ½"	7"

Notes:

1. Lap Shall Be A Minimum Of 30 Bar Diameters.
2. Field Cut Rebar Where Required To Receive RCP or Manhole. Use #4 Bar To Join Cut Ends Together Around Entire Opening.
3. Rebar Shall Have 2" Of Concrete Cover From Edge Of Bar To Edge Of Concrete Unless Otherwise Indicated.
4. Concrete Shall Be Designed For A Minimum of 4000 psi, Aggregate Size Shall Not Exceed ¾", And Shall Comply With The City of Albuquerque Interim Standard Specifications For Public Works Construction, 1985 Edition.
5. Manhole Steps Shall Be Of Aluminum Alloy At 16" OC With The Bottom Step Not Greater Than 2'-0" From Floor Of Junction Box.
6. There Shall Be No Separate measurement or Payment For The Construction Of The Orifice Plates And Shall Be Incidental To The Cost Of The Manhole Construction.

AS BUILT INFORMATION
CONTRACTOR Sundance Mechanical — DATE
WORK STAKED BY BHI — DATE
FIELD INSPECTOR — DATE
ACCEPTANCE BY CAP — DATE 5/88
FIELD VERIFICATION BY BHI — DATE 4/88
DRAWINGS CORRECTED BY BHI — DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

REVISIONS
NO. | DATE | REMARKS | BY

DESIGN
DESIGNED BY H.C.S. — DATE
DRAWN BY R. — DATE
CHECKED BY B.G. — DATE

RECORD DRAWINGS
DATE 4/28/88
26 331626 88

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

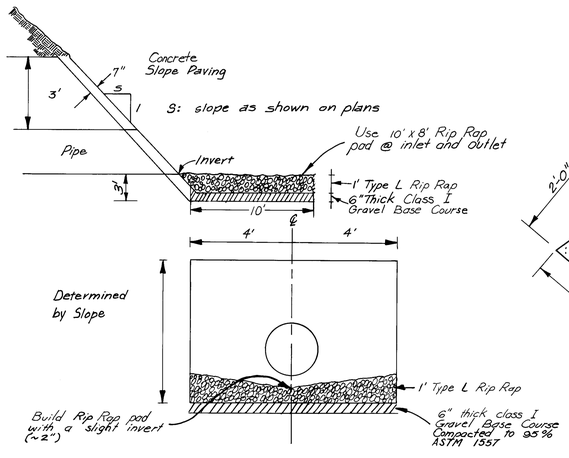
TITLE: COORS WIDENING LOTS 2 & 3
JUNCTION BOX DETAIL, OURAY RD. STA. 15+76.21

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairman		8/26/87	Liquid Waste N/A	JEE	8/14/87
A.C.E. - Design	" "	"	Traffic	NA DWH	8/15/87
~~A.C.E.~~ - Hydrology	Steve Baberg	8/25/87	Water N/A	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 26 OF 38

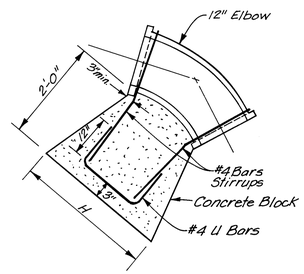
BRUNING 44-132 62236

General Notes:
1. Pipe diameters vary.
2. For concrete blocking see dwg. W-22.



SLOPE PIPE END DETAIL

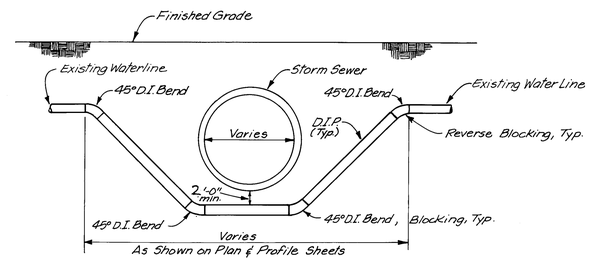
No Scale



Elbow Angle	H Ft.
45°	4'
22½° 11¼°	2'

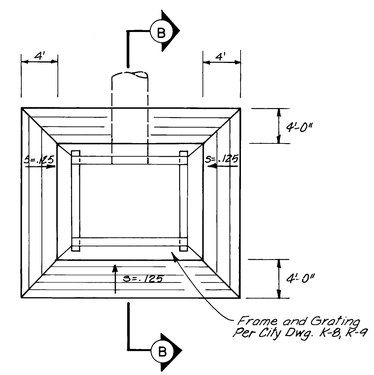
REVERSE BLOCKING DETAIL

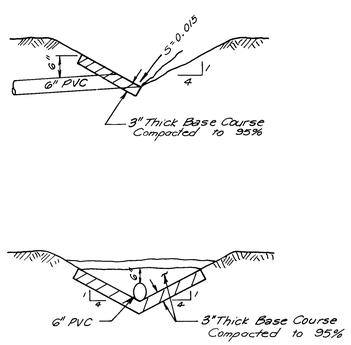
No Scale



WATER LINE RELOCATION DETAIL

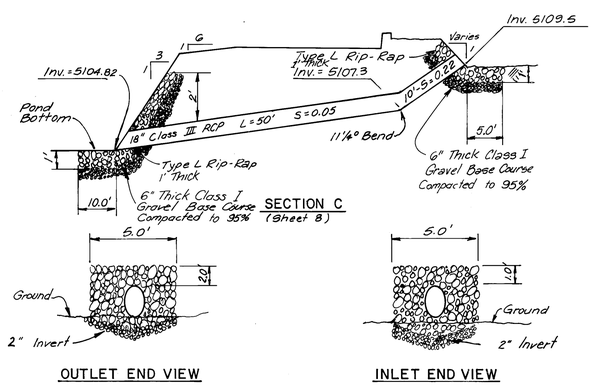
No Scale





INLET DETAIL (Sheet 16)

No Scale

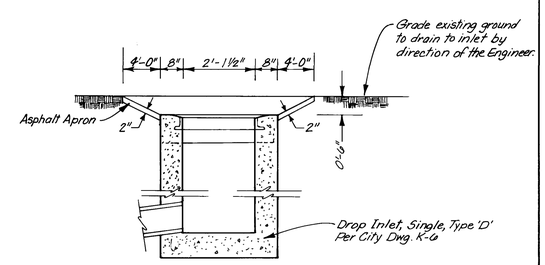


OUTLET END VIEW

INLET END VIEW

ST. JOSEPH'S STA. 7+00 DRAINAGE PIPE (18" CLASS III RCP)

No Scale



SECTION B-B

DROP INLET APRON DETAIL

No Scale

Job No. 71025

AS-BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY C&P DATE 5/88
VERIFICATION BY BHI DATE 4/88
CORRECTIONS COMPLETED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV: 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
7/27/87

WILLIAM L. VREELAND 8131 4/27/88 REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE 4/28/88

NO. DATE REMARKS BY
REVISIONS
DESIGN
DESIGNED BY BG, SVS DATE
DRAWN BY Mcq DATE
CHECKED BY BG DATE

2.6 3.3 1 6 2 7 8 8

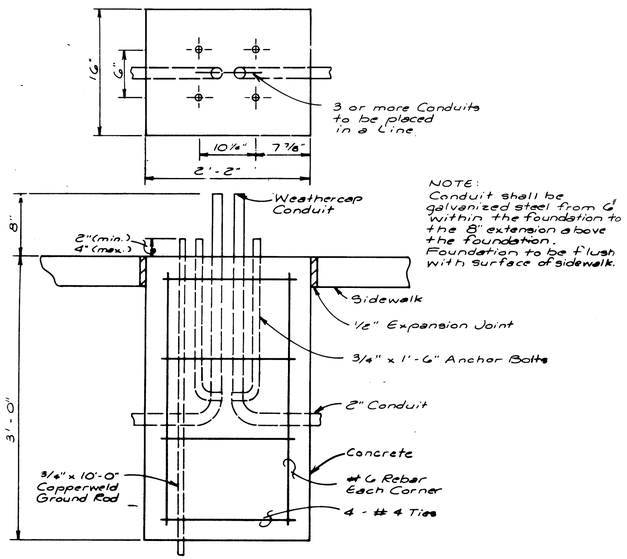
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING-LOTS 2 & 3
MISCELLANEOUS DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste		8/14/87
A C E - Design	" "	"	Traffic		8/15/87
~~A C E~~ - Hydrology		8/21/87	Water		8/14/87

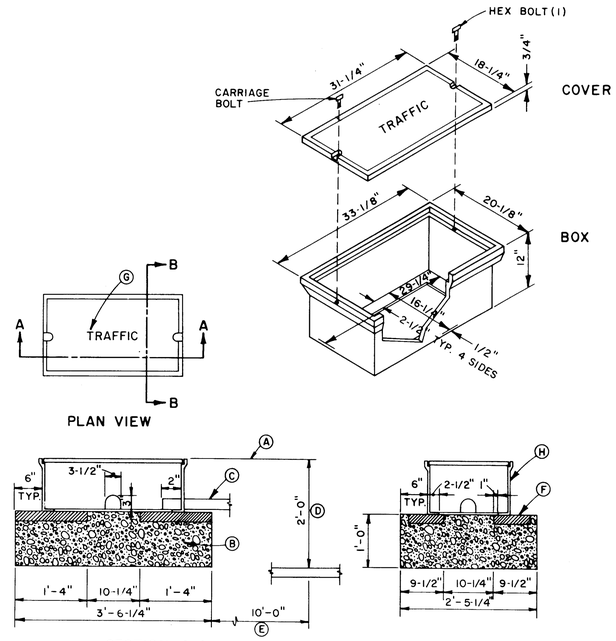
DRAWING NO. 3316 MAP NO. H-11 SHEET 27 OF 313

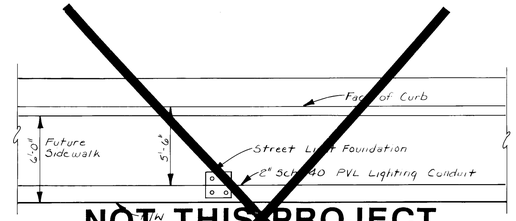
BRUNING 44 132 63374



SPLICE CABINET FOUNDATION (GAYLORD)

NO SCALE



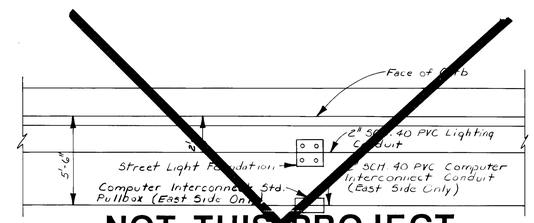


NOT THIS PROJECT

STREET LIGHT FOUNDATION & COMPUTER INTERCONNECT STD. PULLBOX LOCATION - DETAIL "C"

NO SCALE

West Side Street Light Foundations Station 6+30 & 8+35



NOT THIS PROJECT

STREET LIGHT FOUNDATION & COMPUTER INTERCONNECT STD. PULLBOX LOCATION - DETAIL "A"

NO SCALE

West Side Street Light Foundations Stations 14+82, 18+00, 19+50

East Side Street Light Foundations & Computer Interconnect Std. Pullboxes Stations 4+20, 10+65, 14+00, 18+60

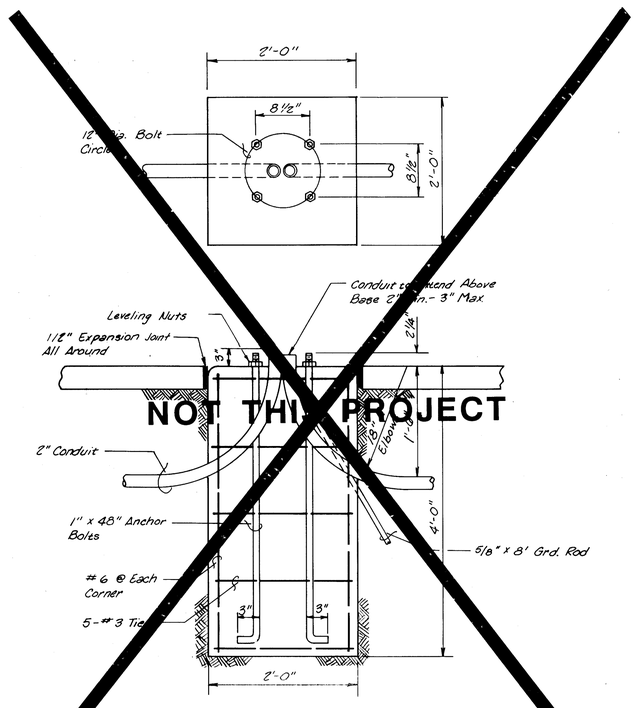
NOT THIS PROJECT

STREET LIGHT FOUNDATION & COMPUTER INTERCONNECT STD. PULLBOX LOCATION - DETAIL "A"

NO SCALE

West Side Street Light Foundations Station 0-25, 1+95, 4+20, 10+65, 12+65

East Side Street Light Foundations & Computer Interconnect Std. Pullboxes Stations 0-25, 1+95, 6+30, 8+00, 12+42, 17+00, 18+60



ARTERIAL STREET LIGHT FOUNDATION DETAIL

NO SCALE

GENERAL NOTES

1. UNDERGROUND ENCLOSURES SHALL BE QUAZITE COMPOSOLITE NONCONCRETE OR APPROVED EQUAL.
2. ENCLOSURES SHALL BE COMPOSED OF REINFORCED POLYMER CONCRETE AND BE DESIGNED AND TESTED TO TEMPERATURES OF -50°F, AND MEET THE REQUIREMENTS OF THE FOLLOWING TESTS: ASTM D-756, ASTM D-543, ASTM D-1501, ASTM D-570, ASTM D-790, AND ASTM D-635.

CONSTRUCTION NOTES

A. GROUND OR SIDEWALK LEVEL.
B. CLEAN GRAVEL DRAIN.
C. TRAFFIC SIGNAL CONDUIT.
D. NATIONAL ELECTRICAL CODE DEPTH REQUIREMENT.
E. BEND ELECTRICAL CONDUIT INTO PULL BOX OVER A DISTANCE OF 10 FT.
F. PROVIDE 4-8" X 2" X 16" CONCRETE BLOCKS FOR SUPPORT OF BOX.
G. PROVIDE "TRAFFIC" LOGO EMBOSSED ON BOX COVER.
H. TRAFFIC PULL BOX SHALL BE FOOTED BOX TYPE.

LARGE PULLBOX DETAIL (30-1/4" X 17-1/4" X 12")

NO SCALE

AS-BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
7/27/87

NO.	DATE	REMARKS	BY

REVISIONS
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM L. VREELAND N.M. REGISTERED 8131 PROFESSIONAL ENGINEER 7/27/87

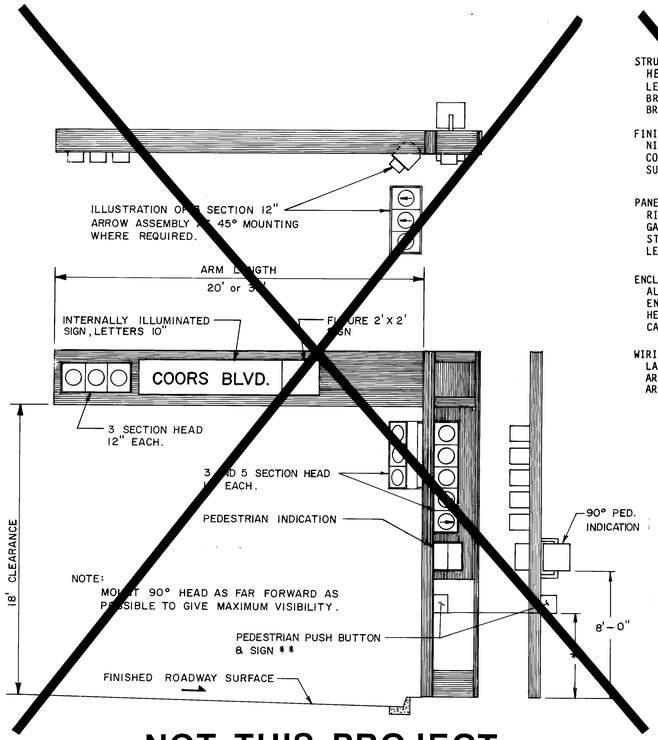
RECORD DRAWINGS
DATE 4/28/88
1 2 3 4 5 6 7 8 9 10 11 12
2 6 3 3 1 6 2 8 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING-LOTS 2 & 3
MISCELLANEOUS DETAILS / TRAFFIC

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A C E - Design	" "	8/26/87	Traffic	WADWH	8/15/87
~~A C E~~ - Hydrology	Steve Galey	8/26/87	Water NA	JEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	28	38



NOT THIS PROJECT

SPECIAL SIGNAL TYPE "A"

NO SCALE

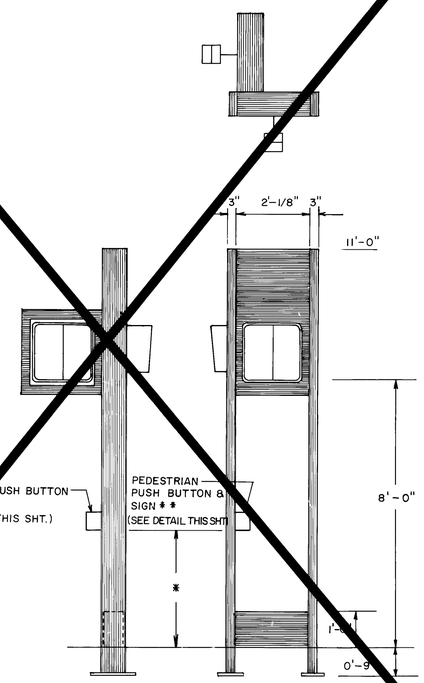
STRUCTURE
HEAVY WALL 3" X 8" STEEL LEGS JOINED BY STEEL CROSS-BRACES. ALL NON STRUCTURAL BRACES ARE DEMOUNTABLE

FINISH
NICKLAD™ GRAFFITI RESISTANT COATING APPLIED TO ALL METAL SURFACES

PANELS
RIGIDIZED ARTICULATED HEAVY GAUGE STEEL PANELS FASTEN TO STRUCTURE WITH BLACK STAINLESS FASTENERS

ENCLOSURE
ALL SIGNALS ARE COMPLETELY ENCLOSED (except faces) BY HEAVY, FINISHED PANELS OR CABINETS

WIRING ACCESS
LARGE REINFORCED HANDHOLES ARE LOCATED IN WIRE ACCESS AREA AND WHERE ELSE NEEDED



NOT THIS PROJECT

SIGNAL TYPE "B"

NO SCALE

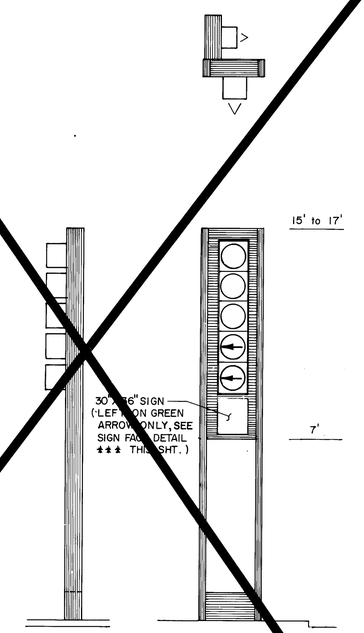
STRUCTURE
HEAVY WALL 3" X 8" STEEL LEGS JOINED BY STEEL CROSS-BRACES. ALL NON STRUCTURAL BRACES ARE DEMOUNTABLE

FINISH
NICKLAD GRAFFITI RESISTANT COATING APPLIED TO ALL METAL SURFACES

PANELS
RIGIDIZED ARTICULATED HEAVY GAUGE STEEL PANELS FASTEN TO STRUCTURE WITH BLACK STAINLESS FASTENERS

ENCLOSURE
ALL SIGNALS ARE COMPLETELY ENCLOSED (except faces) BY HEAVY, FINISHED PANELS OR CABINETS

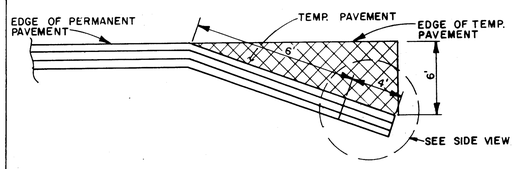
WIRING ACCESS
LARGE REINFORCED HANDHOLES ARE LOCATED IN WIRE ACCESS AREA AND WHERE ELSE NEEDED



NOT THIS PROJECT

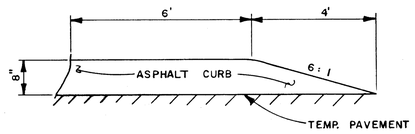
SIGNAL TYPE "C"

NO SCALE



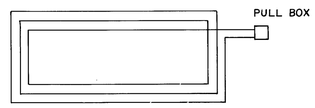
ASPHALT CURB FLARE – PLAN

NO SCALE



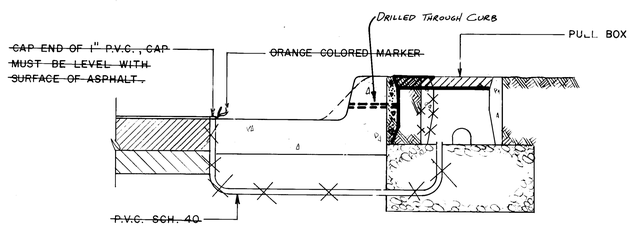
ASPHALT CURB FLARE – SIDE VIEW

NO SCALE



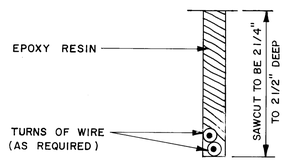
3 TURN STANDARD LOOP DETAIL

NO SCALE

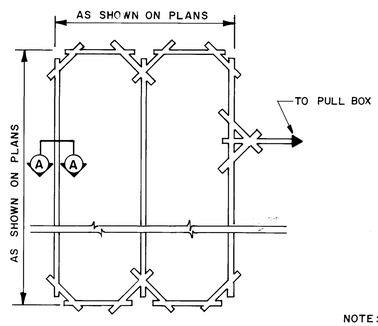


LOOP DETECTOR CONDUIT DETAIL

NO SCALE



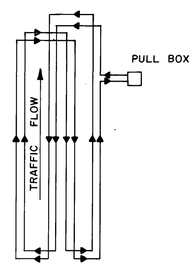
SECTION A–A



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

NO SCALE



NOTE:
WIRES MUST BE WOUND IN THE DIRECTION SHOWN.

QUADRAPOLE LOOP DETAIL

NO SCALE

AS BUILT INFORMATION

CONTRACTOR Sundance MECHANICAL DATE
WORK STAKED BY BHI DATE
STAKED BY CORRECT BY ACCEPTANCE BY CAP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST, LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

Melvin A. Dickey 7/27/87

NO	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM L. VREELAND 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS

DATE 4/28/88

2 6 3 3 1 6 2 9 8 8

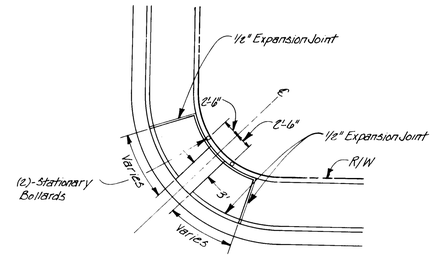
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING–LOTS 2 & 3
MISCELLANEOUS DETAILS/TRAFFIC

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[illegible]	8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E.-Design	" "	"	Traffic	Donald W. Hamm	8/15/87
~~A.C.E.~~-Hydrology	Steve Beberg	8/26/87	Water NA	JEE	8/14/87

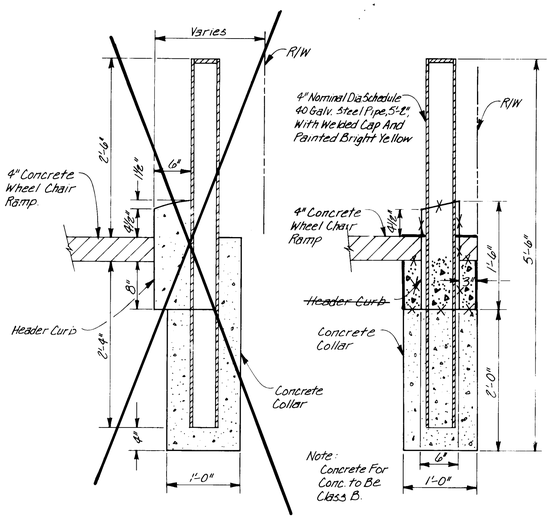
DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	29	38

BRUNING 44 132 62236



BOLLARD LOCATION PLAN

NO SCALE



BOLLARD CONSTRUCTION DETAIL

NO SCALE

AS-BUILT INFORMATION

CONTRACTOR Sundance Mechanical

WORK INSPECTED BY BHI DATE 5/88

INSPECTOR'S FIELD ACCEPTANCE BY C&P DATE 5/88

FIELD VERIFICATION BY BHI DATE 4/88

DRAWINGS CORRECTED BY BHI DATE 4/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

STA. N.M. 448-N3 ELEV. 5099.527

STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

7/27/87

NO	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY DATE

DRAWN BY DATE

CHECKED BY DATE

WILLIAM L. HIRSCHE NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS

DATE 4/28/88

NOT TO SCALE

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

2 6 3 3 1 6 3 0 8 8

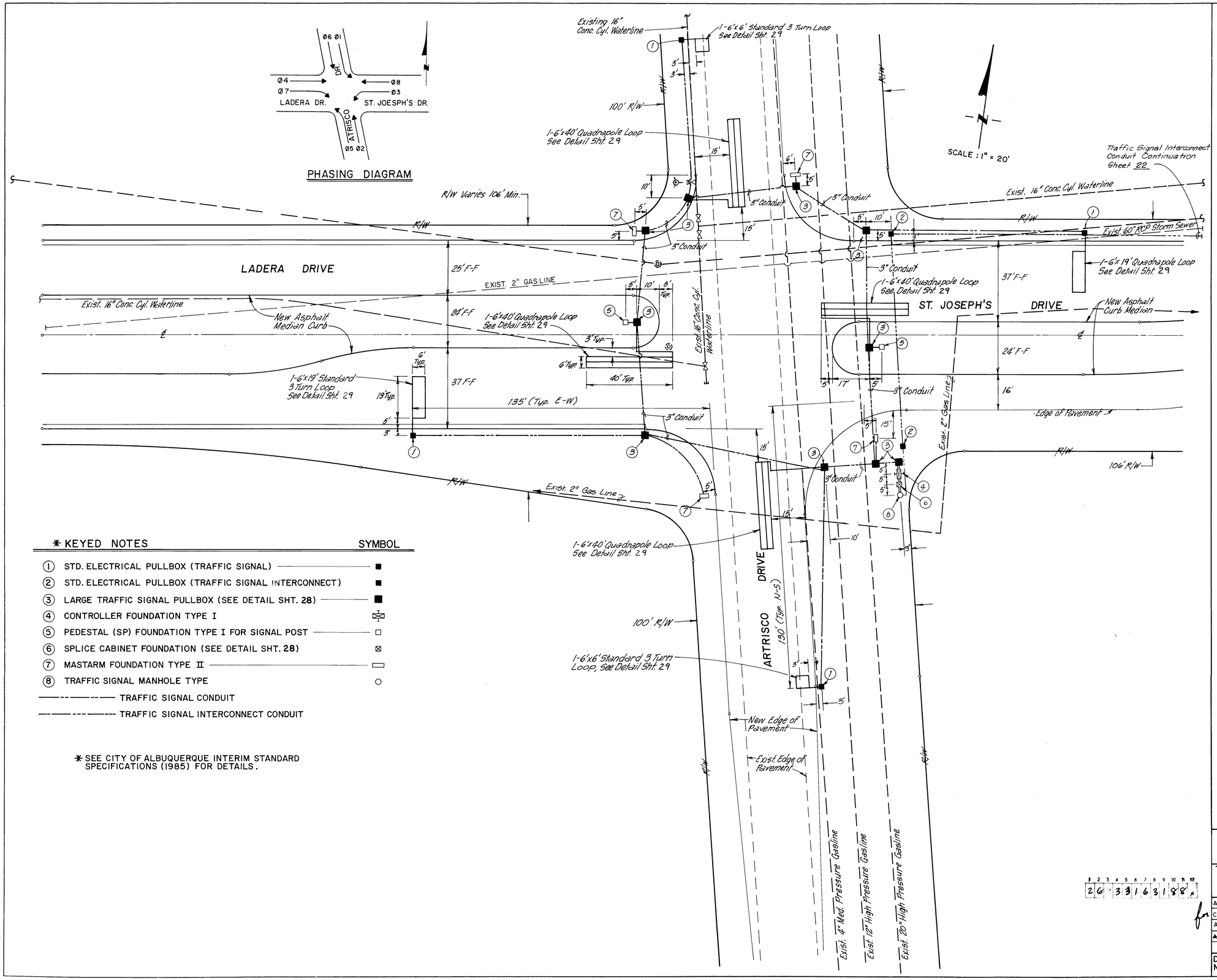
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING-LOTS 2&3
MISCELLANEOUS DETAILS / TRAFFIC

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste N.A.	JEE	8/14/87
A.C.E. - Design	" "	"	Traffic		8/15/87
~~A.C.E.~~ - Hydrology		8/24/87	Water N.A.	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 30 OF 38

BRUNING 44 132 63174



✱ KEYED NOTES

		SYMBOL
1	STD. ELECTRICAL PULLBOX (TRAFFIC SIGNAL)	■
2	STD. ELECTRICAL PULLBOX (TRAFFIC SIGNAL INTERCONNECT)	■
3	LARGE TRAFFIC SIGNAL PULLBOX (SEE DETAIL SHT. 28)	■
4	CONTROLLER FOUNDATION TYPE I	⊠
5	PEDESTAL (SP) FOUNDATION TYPE I FOR SIGNAL POST	□
6	SPLICE CABINET FOUNDATION (SEE DETAIL SHT. 28)	⊠
7	MASTARM FOUNDATION TYPE II	▭
8	TRAFFIC SIGNAL MANHOLE TYPE	○

——-——-—— TRAFFIC SIGNAL CONDUIT

——--——--—— TRAFFIC SIGNAL INTERCONNECT CONDUIT

✱ SEE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS (1985) FOR DETAILS.

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 2" IN DIAMETER, EXCEPT THAT MARKED 3".
5. 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.
6. SEE SHEET 29 FOR LOOP DETECTOR CONDUIT DETAIL.
7. LOOP DETECTOR WIRING NEEDS TO BE 14 STRANDED WIRE WITH SLIDING SLEEVE.
8. 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.
9. PROVIDE 2-INCH CONDUIT FOR ELECTRICAL SERVICE FROM PULL BOX AT BASE OF POWER POLE TO LARGE PULL BOX ON CLOSEST CORNER.
10. CONTRACTOR TO CONTACT PUBLIC SERVICE COMPANY OF NEW MEXICO REPRESENTATIVE, DAVE WHITE, AT 505/761-3306 TO VERIFY SERVICE POLE CONNECTION.
11. CONTRACTOR TO INSTALL UNDERGROUND TRAFFIC FACILITIES ONLY.
12. CONTRACTOR TO INSTALL PULLWIRES IN ALL CONDUIT. PULLWIRES WILL BE INCIDENTAL TO THE CONTRACT.

✱ CONTRACTOR TO PROVIDE ALL NECESSARY HARDWARE

RECORD DRAWINGS
DATE 4/28/88

SIGNAL ABBREVIATIONS

G = GREEN INDICATION
Y = YELLOW
R = RED
W = WALK
DW = DON'T WALK
PB = PUSH BUTTON

NOTE:
ANY EXCAVATION WORK IN THE AREA OF THE 12-INCH AND 20-INCH HIGH PRESSURE GAS LINES SHALL REQUIRE THE PRESENCE OF A GAS COMPANY OF NEW MEXICO REPRESENTATIVE. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT GAS COMPANY OF NEW MEXICO REPRESENTATIVE AL MEYERS AT 889-8421. EMERGENCY NUMBER 345-6058.

NO.	DATE	REMARKS	BY
		REVISIONS	

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

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
COORS WIDENING – LOTS 2 & 3
ST. JOSEPH'S / ATRISCO SIGNAL PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A.C.E.-Design	" "	"	Traffic		8/15/87
A.C.E.-Hydrology	N/A SAB	8/26/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. G-11 | SHEET 31 OF 38

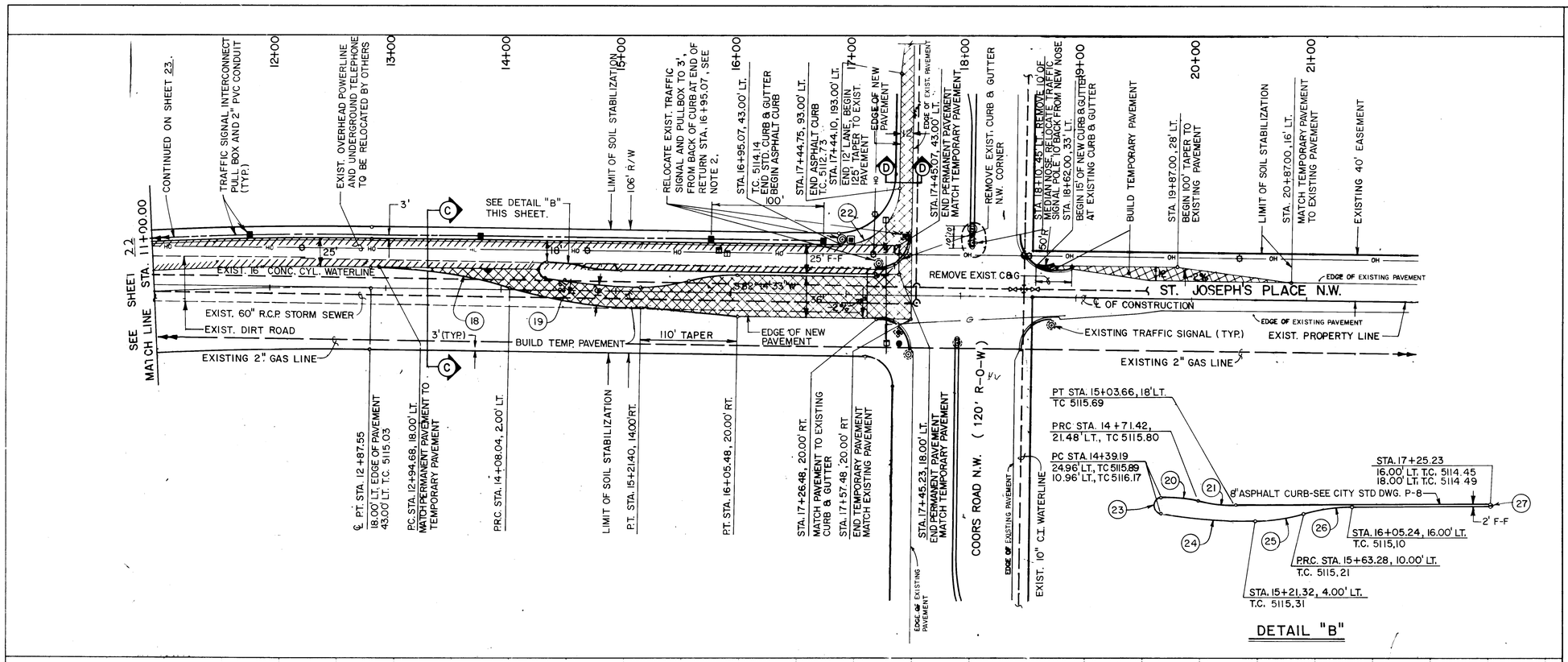
AS-BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CaP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

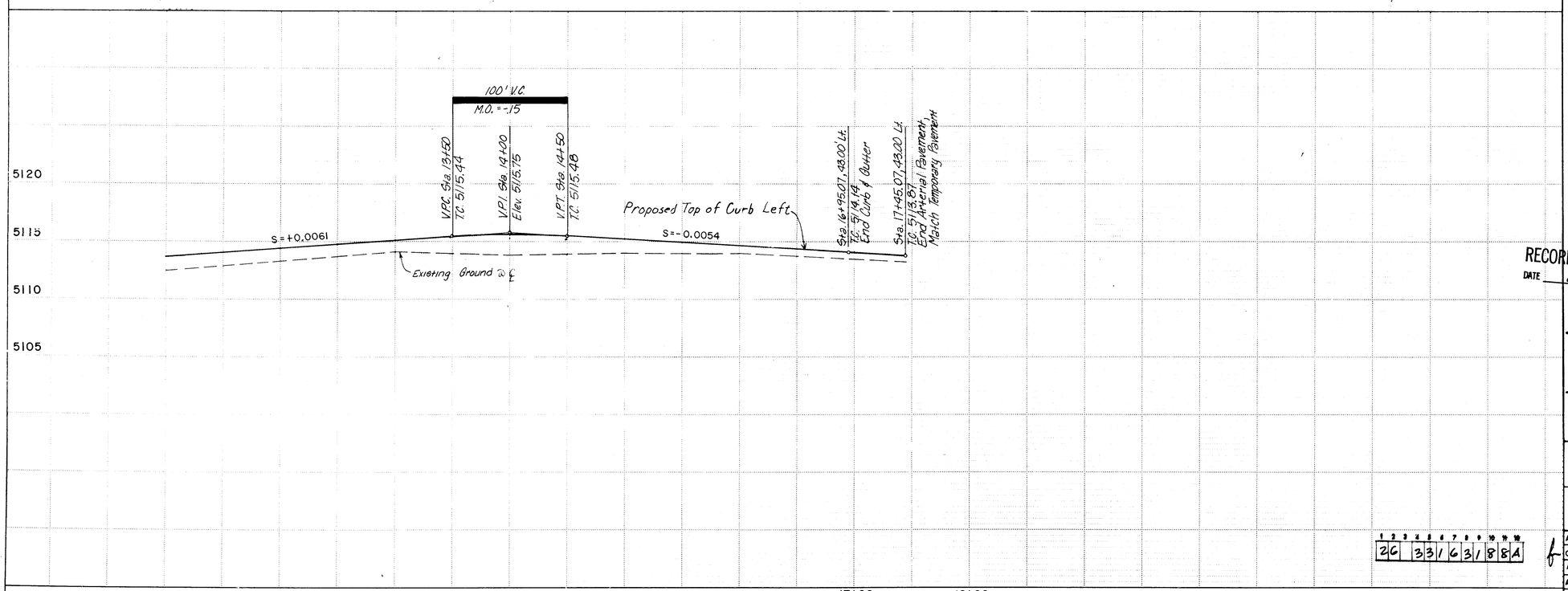
BENCH MARKS
STA N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
Mark A. Dalhaus 7-7-87

BRUNING 44-232





NOTES :

1) NEW ARTERIAL PAVEMENT SEE SHEET 8 FOR TYPICAL SECTION.

2.) THE CONTRACTOR WILL BE REQUIRED TO BUILD TWO NEW TRAFFIC SIGNAL FOUNDATIONS (TYPE I & TYPE II) AND STANDARD PULLBOXES. THESE ITEMS WILL BE PAID FOR USING THE UNIT PRICE IN THE BID PROPOSAL. ALL OTHER WORK REQUIRED TO RELOCATE THESE SIGNALS SUCH THAT THEY ARE OPERATIONAL AS BEFORE, SHALL BE PAID FOR IN BID ITEM No.1 IN THE BID PROPOSAL. 2" PVC CONDUIT BETWEEN NEW SIGNALS AND PULLBOXES.

3.) CURVES (18) AND (19) DEFINE EDGE OF PAVEMENT, CURVES (20) THRU (27) DEFINE FLOWLINE AT CURB.

4.) ALL MEDIANS AND ISLANDS TO HAVE 8" OF BACKFILL, 90% COMPACTION, INCIDENTAL TO CONTRACT.

(18)
Δ = 16°04'04"
DC = 13.99°
R = 409.57'
L = 114.86'
T = 57.81'

(19)
Δ = 16°04'04"
DC = 13.99°
R = 409.57'
L = 114.86'
T = 57.81'

(20)
Δ = 12°24'29"
DC = 38.20°
R = 150.00'
L = 32.48'
T = 16.31'

(21)
Δ = 12°24'29"
DC = 38.20°
R = 150.00'
L = 32.48'
T = 16.31'

(22)
Δ = 89°37'52"
DC = 114.59°
R = 50.00'
L = 78.22'
T = 49.68'

(23)
Δ = 180°00'00"
DC = --
R = 7.0'
L = 22.00'
T = --

(24)
Δ = 9°40'44"
DC = 11.74°
R = 488.00'
L = 82.44'
T = 41.32'

(25)
Δ = 16°14'46"
DC = 38.20°
R = 150.00'
L = 42.53'
T = 21.41'

(26)
Δ = 16°14'46"
DC = 38.20°
R = 150.00'
L = 42.53'
T = 21.41'

(27)
Δ = 180°00'00"
DC = --
R = 1.00'
L = 3.14'
T = --

RECORD DRAWINGS
DATE 2/26/88

WILLIAM L. WEYRAUCH NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 2/26/88

PLAN
SCALE: HORIZ. 1" = 50'

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

AS BUILT INFORMATION
CONTRACTOR Mountain States Cont.
WORK STAKED BY BHI DATE 12/87
AS-BUILTS BY CGP DATE 12/87
FIELD LOCATION BY BHI DATE 12/87
DRAWINGS CORRECTED BY BHI DATE 12/87
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Stephen A. Ackley 2/27/88

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

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

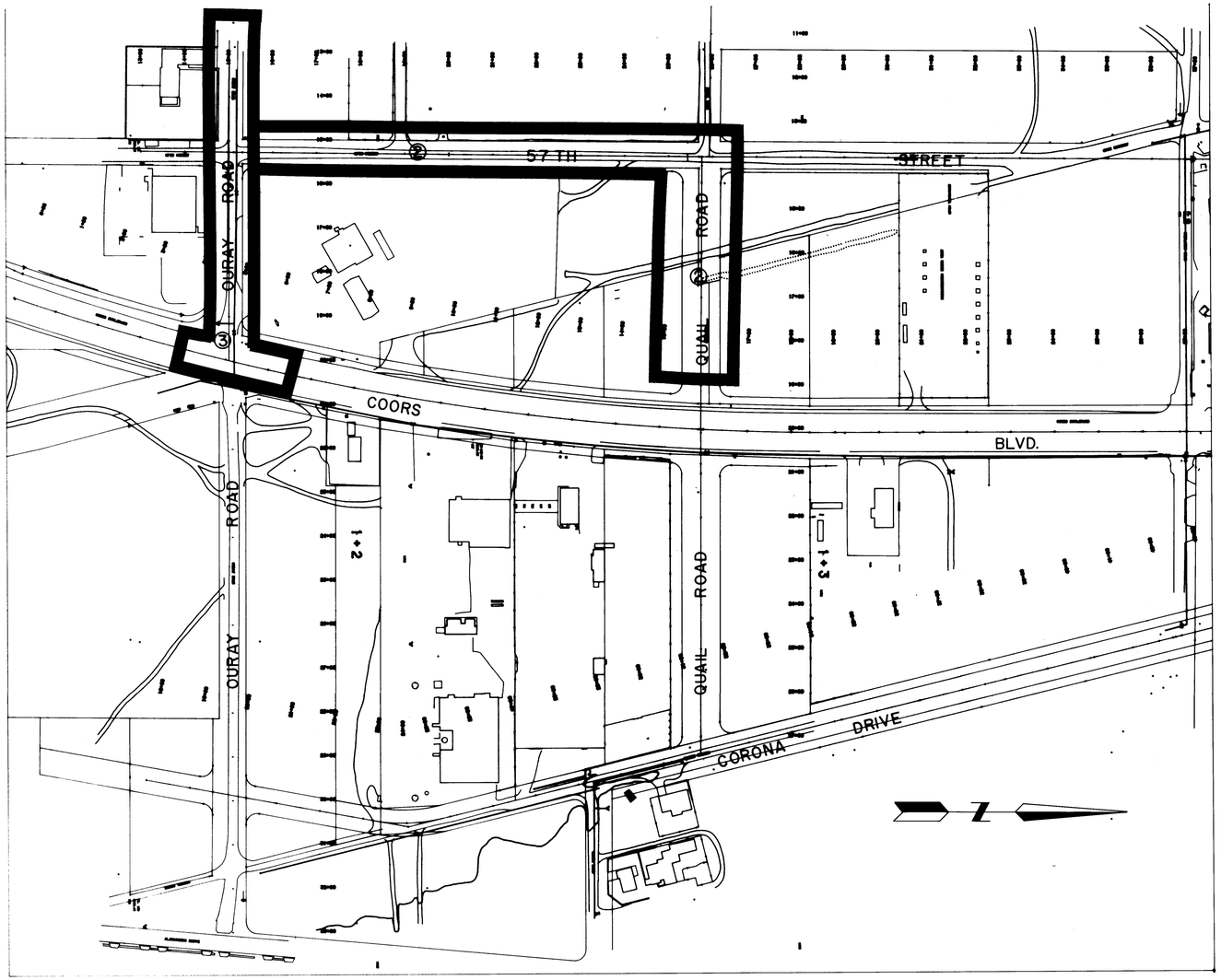
TITLE: COORS WIDENING LOTS 2&3
ST. JOSEPH'S
STA. 11+00 TO STA. 18+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A C E - Design	" "	"	Traffic		8/15/87
A C E - Hydrology	Steve Ackley	8/26/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. G-11 | SHEET 31A OF 55

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

62236
BRINING



CONSTRUCTION PHASING SEQUENCE

General Conditions:

A. The following sequence of construction phasing for this project is to be strictly adhered to by the Contractor. No changes in phases or sequence will be allowed unless a written request is made by the Contractor outlining the change proposed and how it will fit in with the rest of the project. Such written requests will be approved or rejected by the Engineer or Engineer's Representative in writing. Before starting any phase, permission must be obtained from the Engineer before proceeding with any work connected with that phase.

B. It shall be the responsibility of the Contractor to coordinate in a timely manner, all work activities between himself and the utility owners, making relocations and adjustments during each affected phase. See General Notes of the plans for this project.

C. Access to local businesses and residences must be maintained at all times. The Contractor shall provide informational signs to direct traffic to a business if the access is not easily identified. These signs will be paid for by the Sq. Ft. in the Bid Proposal. Informational signs shall be minimum 5" high black letters on a blue background.

D. The Contractor shall notify the public through the local news media in advance of any street or lane closures. This notification shall include, at a minimum, a written notice with a map placed in the Albuquerque Journal and Tribune two weekends before the start of each phase of construction.

E. The Contractor shall provide two informational signs, one on the Coors Boulevard median 400' north of Western Trail for southbound traffic, and one 400' south of the St. Joseph's/Coors Boulevard intersection for north bound traffic. These signs shall read:

"ST. JOSEPH'S TRAFFIC WEST BOUND
DETOUR TO WESTERN TRAIL"

CONSTRUCTION SIGNING
The Lump Sum bid for Traffic Control for construction shall include all construction signs, barricades, striping, marking tape, access signs, crash attenuators, concrete wall barriers, channelizing devices, and sequential arrow displays necessary to control traffic during construction of this project, and lighting or special equipment necessary for night time operations.

PHASE 1
- o Relocate traffic signal and pullbox on the NW corner of St. Joseph's/Coors Boulevard intersection. Shorten north median on Coors at St. Joseph's and relocate pedestal signal. Build underground traffic facilities at St. Joseph's-/Atrisco. Build pavement on St. Joseph's between Coors and Atrisco. Build pavement on Ladera to Atrisco. See signing Sheet 34.
- o Contractor will use typical right and left lane closures shown on Sheet 33 when sawcutting on Atrisco and Coors.

PHASE 2
- o Build all utilities and pavement on Quail Road from 57th to approximately Sta. 18+90. Construction includes storm drain, waterline, sanitary sewer, pavement and curb and gutter.
  See Signing Sheet 35.
- o Complete the pavement on 57th Street from Ouray to Quail. 57th Street may be closed to through traffic during construction, but access must be maintained to the KOA Campground. Access information signs will be required.
  See Signing Sheet 36.

PHASE 3
- o Close median openings with asphalt curb at Coors/Ouray. Use left lane closures as shown on Sheet 37. Lane closures allowed from 9:00 a.m. to 3:00 p.m. only.
- o Once median at Ouray/Coors is closed with asphalt curb, remove traffic signals and foundations on the medians at Coors/Ouray and on the SW, NW, SE and NE corners of this intersection. Remove the traffic signal control box and foundation and pullboxes on the SE corner of Ouray/Coors.
  See Sheet 37.
- o Build storm sewer and paving on Ouray from Sta. 6+00 to 57th Street. One lane must remian open at all times and access maintained to businesses fronting Ouray at all times.
  See Signing Sheet 37.
- o Build storm sewer and paving on Ouray from 57th Street to Coors Boulevard. One lane must remain open at all times and access maintained to businesses fronting Ouray at all times.
  See Signing Sheet 37.

WILLIAM L. VAHEY
8131
REGISTERED PROFESSIONAL ENGINEER
8/28/87

RECORD DRAWINGS
DATE 4/28/88

NOTES:

1. PHASE I (ST. JOSEPH'S) NOT SHOWN THIS SHEET SEE SIGNING SHEET 34.
2. LOT 2 = PHASES 2 & 3.
   LOT 3 = PHASE I

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

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
COORS WIDENING-LOTS 2 & 3
OVERVIEW FOR CONSTRUTION SEQUENCE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste	JEE	8/14/87
A.C.E.-Design	" "	"	Traffic	RADuff	8/15/87
~~A.C.E.~~-Hydrology	N/A SAB	8/26/87	Water	JEE	8/14/87

for

DRAWING | MAP NO. | SHEET OF

AS-BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

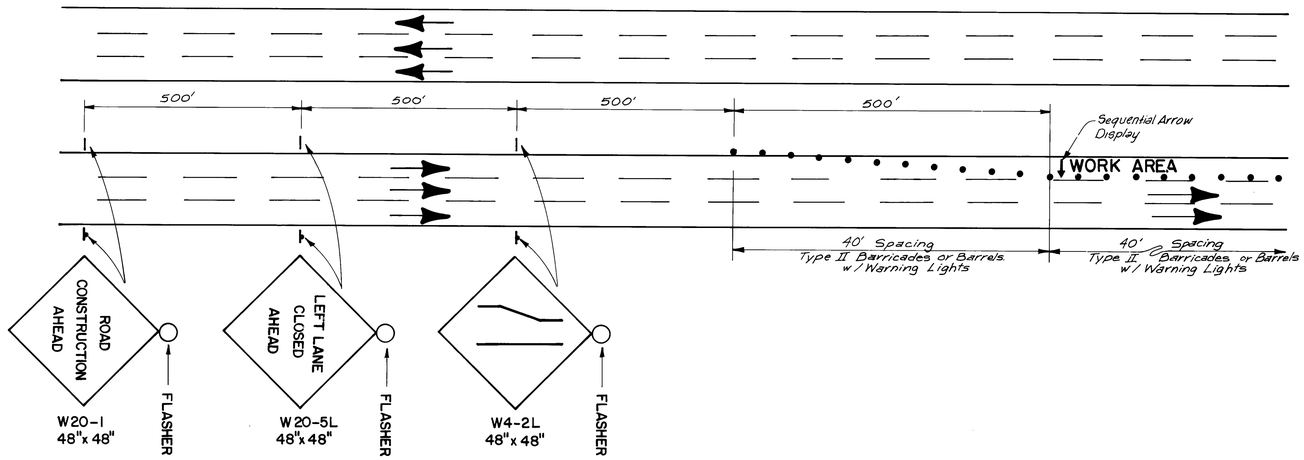
SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

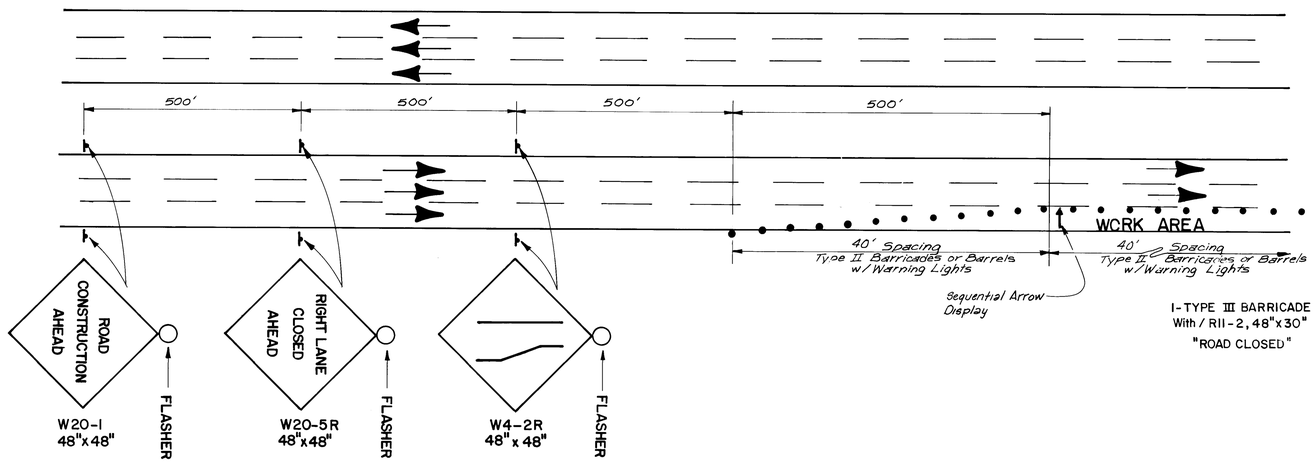
REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE



TYPICAL LEFT LANE CLOSURE

NO SCALE



TYPICAL RIGHT LANE CLOSURE

NO SCALE

GENERAL NOTES

1. All traffic control devices shall comply with Chapter VI of the 1978 edition "New Mexico Manual for Uniform Traffic Control Devices."
2. 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.
3. 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.
4. All signs, barricades and/or drums will be reflectorized. All drums may have sand or water ballast limited to 100 lbs.
5. All sign locations will be selected in the field and approved by the Project Engineer. Distances may be adjusted for local conditions.
6. All applicable signs will be moved forward as the construction progresses.
7. The Contractor shall maintain access to adjacent properties during construction.
8. 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.
9. All existing permanent signs that need to be removed, relocated or reinstalled 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.
10. 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.
11. 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.
12. All advance warning signs not directly applicable shall be removed, covered, or turned away from oncoming traffic.
13. Barricades and barrels shall not be intermixed in the same series of channelization.
14. 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.
15. No measurement or payment will be made for moving traffic control devices for detours from one location to another, for maintenance, or for repair or replacement if any item is damaged or destroyed for any reason. Temporary striping shall be removable adhesive marking tape 4" wide 10' stripe - 30' gap. A plan for temporary striping, including colors, must be approved by the Traffic Engineer. Permanent striping will be the responsibility of the City and must be completed before any segment of the project is opened to traffic. The Contractor shall coordinate with the City Traffic Engineer as to when each segment will be completed.
16. Three lanes must be open to traffic in each direction on Coors from 5:30 a.m. to 9:00 a.m. and from 3:00 p.m. to 7:00 p.m. on weekdays.
17. Two lanes must be open to traffic in each direction on Coors at all other times.

CONSTRUCTION PHASING

For construction phasing see sheet 32.

NOTE:

TRAFFIC CONTROL EQUIPMENT QUANTITIES ON SHEETS 34-37 ARE ESTIMATED.

LEGEND FOR CONSTRUCTION SIGNING SHEETS:

——— *New Construction*
– – – – – *Existing*

WILLIAM L. VOIGT NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS
DATE 4/28/88

26 33 16 33 88

JOB NO.

AS-BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK INSPECTED BY BHI DATE 5/88
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
7/27/87

NO	DATE	REMARKS	BY

REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

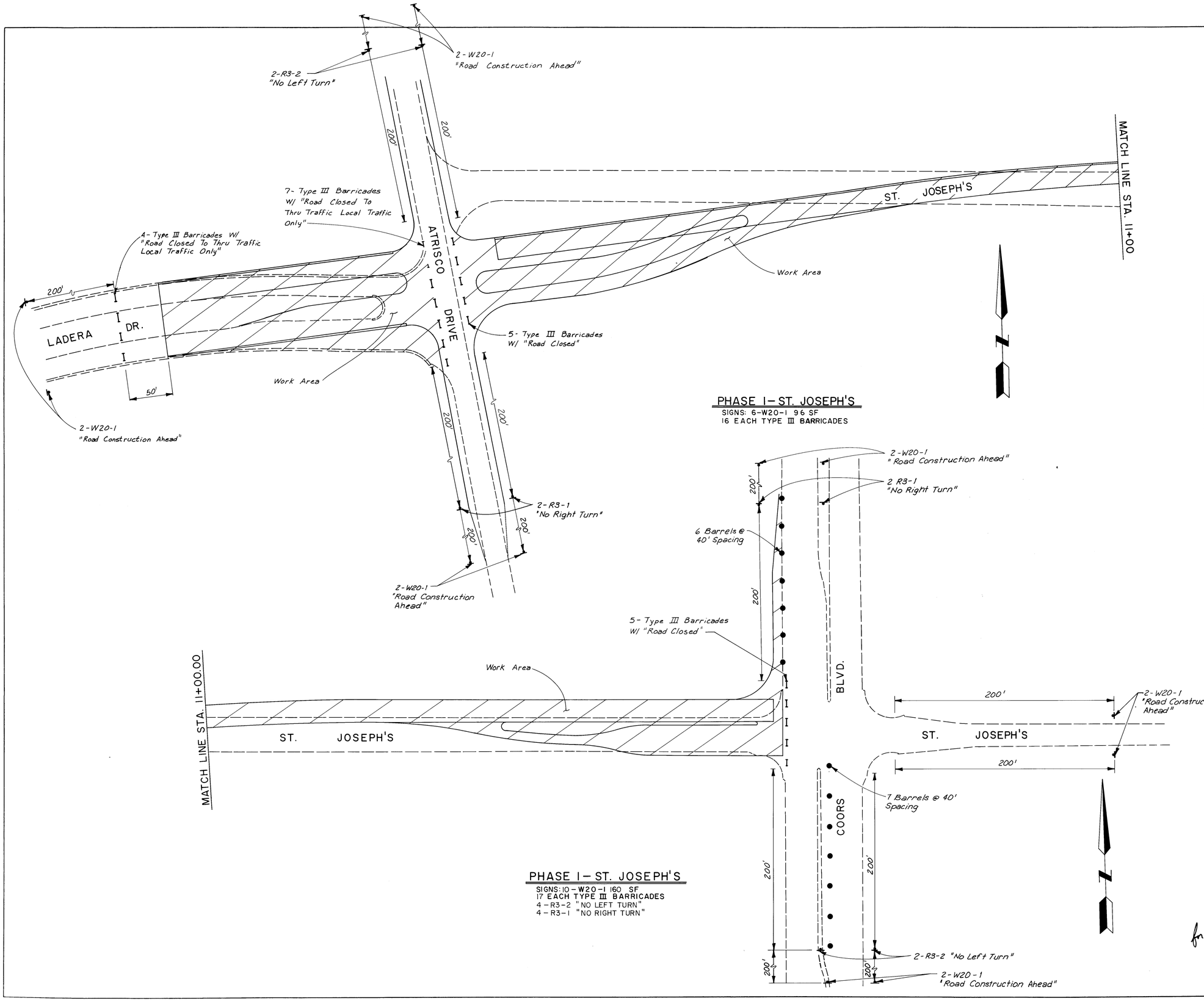
CITY OF ALBUQUERQUE
PUBLIC WORKS ENGINEERING

TITLE: COORS WIDENING-LOT 2 & 3
CONSTRUCTION SIGNING GENERAL NOTES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
~~ACE~~ - Design	" "	"	Traffic	NADWH	8/13/87
~~ACE~~ - Hydrology	N/A SAB	8/20/87	Water NA	JEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	33	38

BRUNING 44 132 63374



Notes:

1. Contractor must maintain two 12' Lanes on Ladera at all times during construction.
2. Contractor will use typical right lane closures shown on Sheet when sawcutting on Atrisco and on Coors.
3. Lane closures on Coors Blvd. allowed from 9:00 am to 3:00 p.m. Only.
4. See Sheet 32 for St. Joseph's detour signing at Western Trail and Coors Blvd.

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE MECHANICAL
STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
CORRECTIONS MADE BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN			
DESIGNED BY	LLG	DATE	JULY 1987
DRAWN BY	VCG	DATE	JULY 1987
CHECKED BY	MHD	DATE	JULY 1987

RECORD DRAWINGS
DATE 4/28/88
26 33 16 34 88

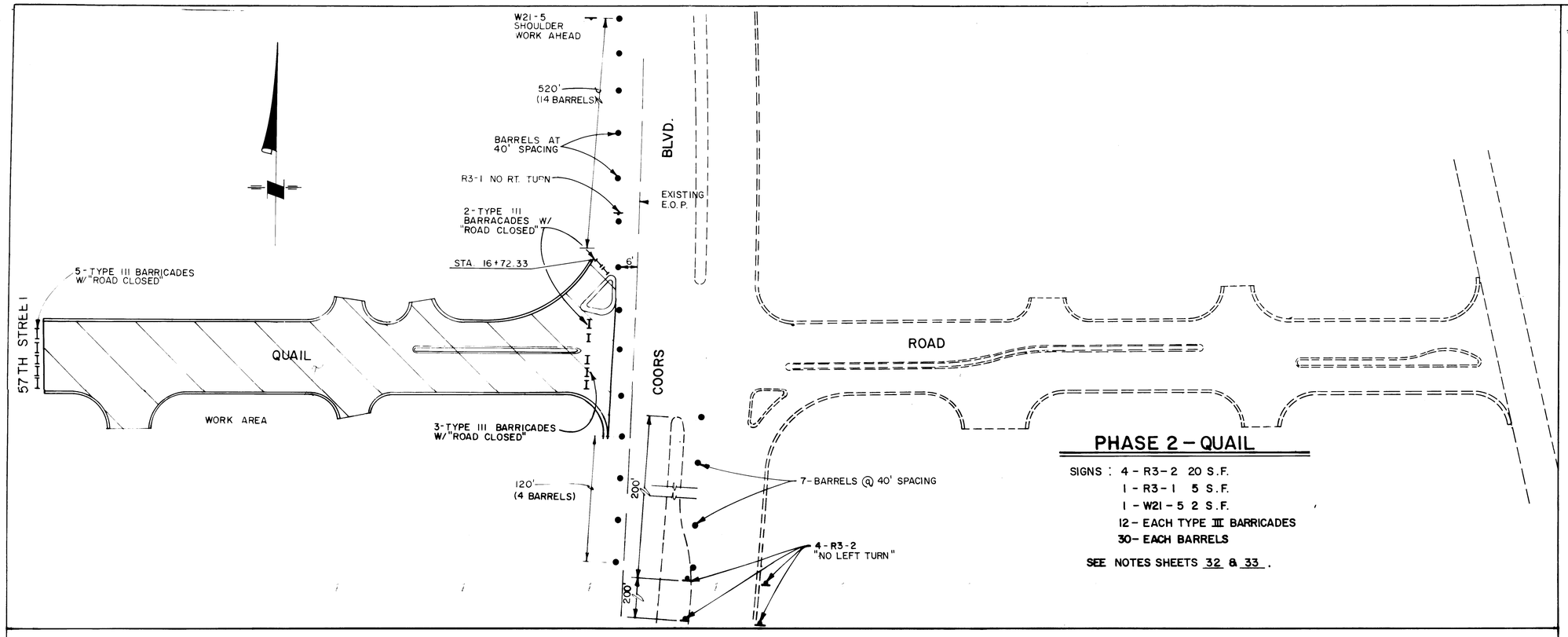
CITY OF ALBUQUERQUE
PUBLIC WORKS
EGINEERING

TITLE: COORS WIDENING-LOTS 2 & 3
CONSTRUCTION SIGNING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/21/87	Liquid Waste NA	JEE	8/14/87
A.C.E.-Design	" "	"	Traffic	NADWH	8/15/87
A.C.E.-Hydrology	N/A SAB	8/21/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 34 OF 38

BRUNING 44-232



PHASE 2 – QUAIL

SIGNS : 4 - R3-2 20 S.F.
1 - R3-1 5 S.F.
1 - W21-5 2 S.F.
12 - EACH TYPE III BARRICADES
30 - EACH BARRELS

SEE NOTES SHEETS 32 & 33 .

NOTES:

1.) Lane Closures on Coors Blvd. Allowed From 9:00 AM TO 3:00 PM Only.

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE MECHANICAL
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY C&P DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
WILLIAM H. DAHLBERG
REGISTERED PROFESSIONAL ENGINEER
8/27/87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM L. VREELAND
NEW MEXICO
8131
REGISTERED PROFESSIONAL ENGINEER
4/28/88

RECORD DRAWINGS
DATE 4/28/88

2 6 3 3 1 6 3 5 8 8

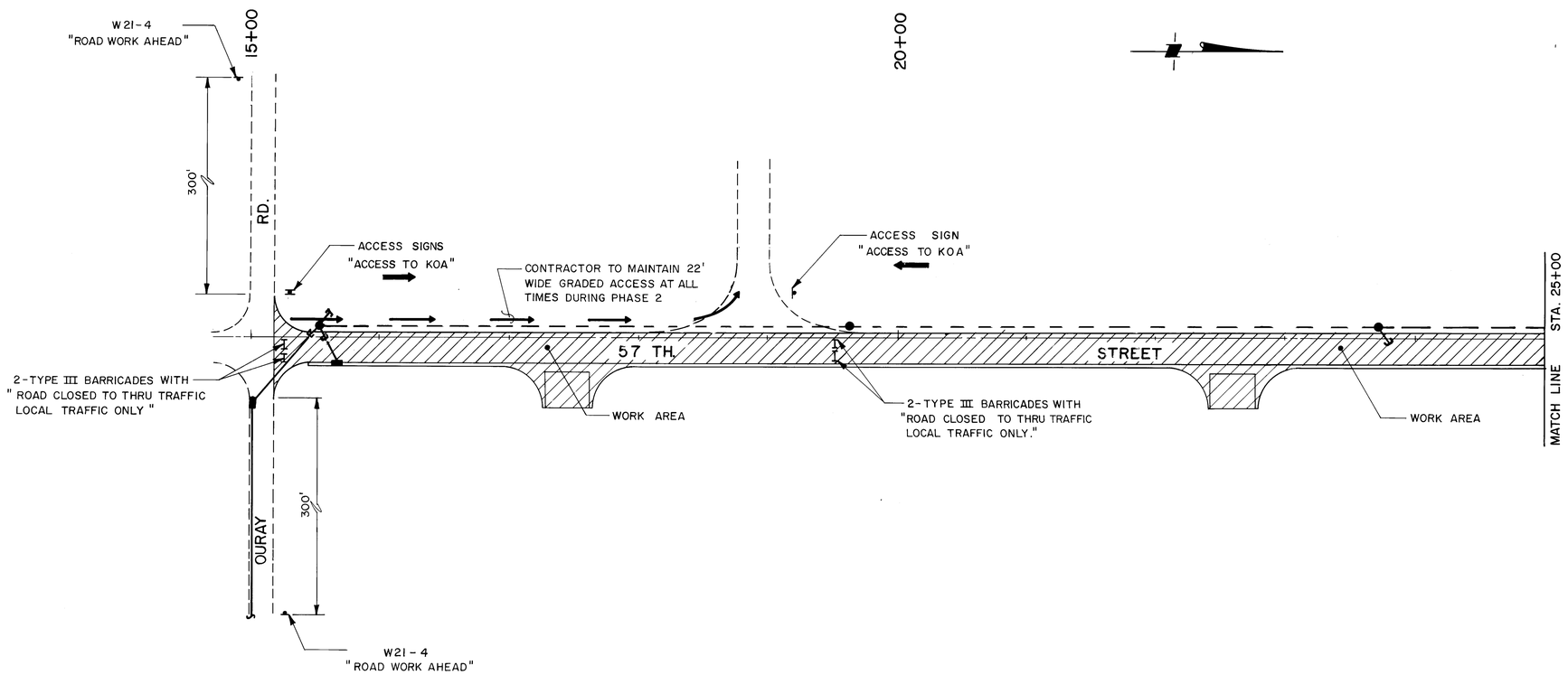
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

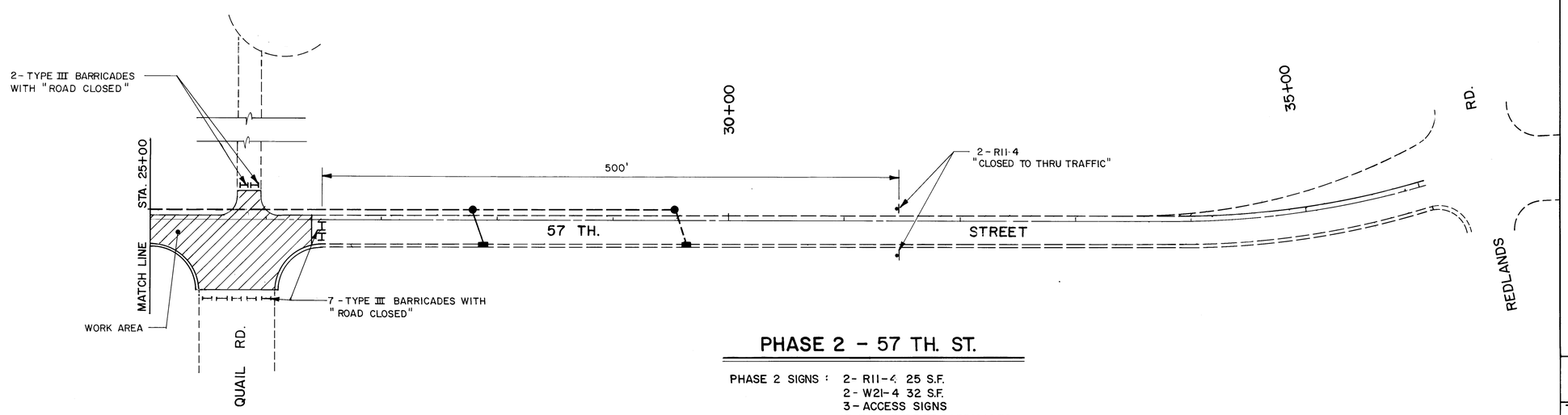
TITLE: COORS WIDENING – LOTS 2 & 3
CONSTRUCTION SIGNING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	for	8/26/87	Liquid Waste NA	JEE	8/14/87
A C E - Design	" "	"	Traffic	NADWH	8/14/87
~~A C E~~ - Hydrology	N/A SAB	8/24/87	Water NA	JEE	8/14/87

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	35	38

BRUNING 44 232





PHASE 2 - 57 TH. ST.

PHASE 2 SIGNS : 2- R11-4, 25 S.F.
2- W21-4 32 S.F.
3- ACCESS SIGNS
13 EA. - TYPE III BARRICADES

NOTES:

1.) The Contractor Shall Coordinate Construction Which Affects Access With The KOA Campground Manager.

AS-BUILT INFORMATION

CONTRACTOR Sundance Mechanical
WORK WITNESSED BY BHI DATE
INSPECTOR'S FIELD ACCEPTANCE BY CAP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
7/24/87

NO.	DATE	REMARKS	BY

REVISIONS
DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM C. VAN NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/27/88

RECORD DRAWINGS
DATE 4/20/88

246 3316368 8

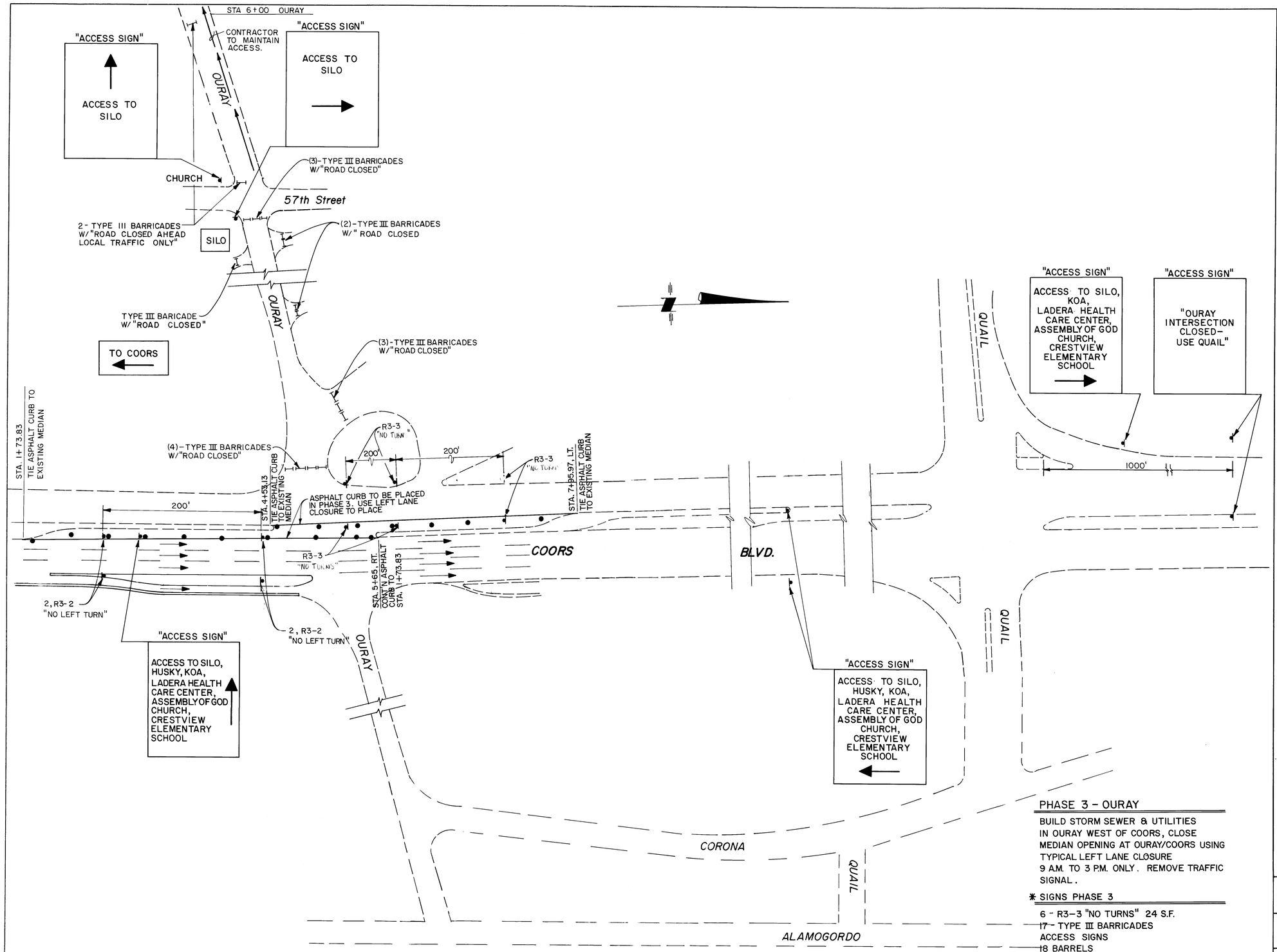
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: COORS WIDENING
CONSTRUCTION SIGNING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste NA	JEE	8/14/87
A C E - Design	" " "		Traffic	NADWH	8/15/87
~~A C E~~ - Hydrology	NA SAB	8/26/87	Water NA	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 36 OF 38

BRUNING 44-232



NOTES:

1.) Lane Closures on Coors Blvd Allowed From 9:00 AM to 3:00 PM Only.

PHASE 3 - OURAY

BUILD STORM SEWER & UTILITIES IN OURAY WEST OF COORS, CLOSE MEDIAN OPENING AT OURAY/COORS USING TYPICAL LEFT LANE CLOSURE 9 A.M. TO 3 P.M. ONLY. REMOVE TRAFFIC SIGNAL.

* SIGNS PHASE 3

6 - R3-3 "NO TURNS" 24 S.F.
17 - TYPE III BARRICADES
ACCESS SIGNS
18 BARRELS

* QUANTITIES DO NOT INCLUDE SIGNING FOR LEFT LANE CLOSURE, SEE SHT. 33.

AS-BUILT INFORMATION
CONTRACTOR Sundance Mechanical
WORK STAKED BY BHI DATE
INSPECTOR'S ACCEPTANCE BY CGP DATE 5/88
FIELD VERIFICATION BY BHI DATE 4/88
DRAWINGS CORRECTED BY BHI DATE 4/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET SET FLUSH IN TOP OF CONCRETE POST LOCATED IN THE SOUTH WEST EDGE OF "WEST MESA BOWL" BOWLING ALLEY PARKING LOT.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
7/21/87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

WILLIAM L. VAN DEUSEN NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 4/28/88

RECORD DRAWINGS
DATE 4/28/88

26 3316378

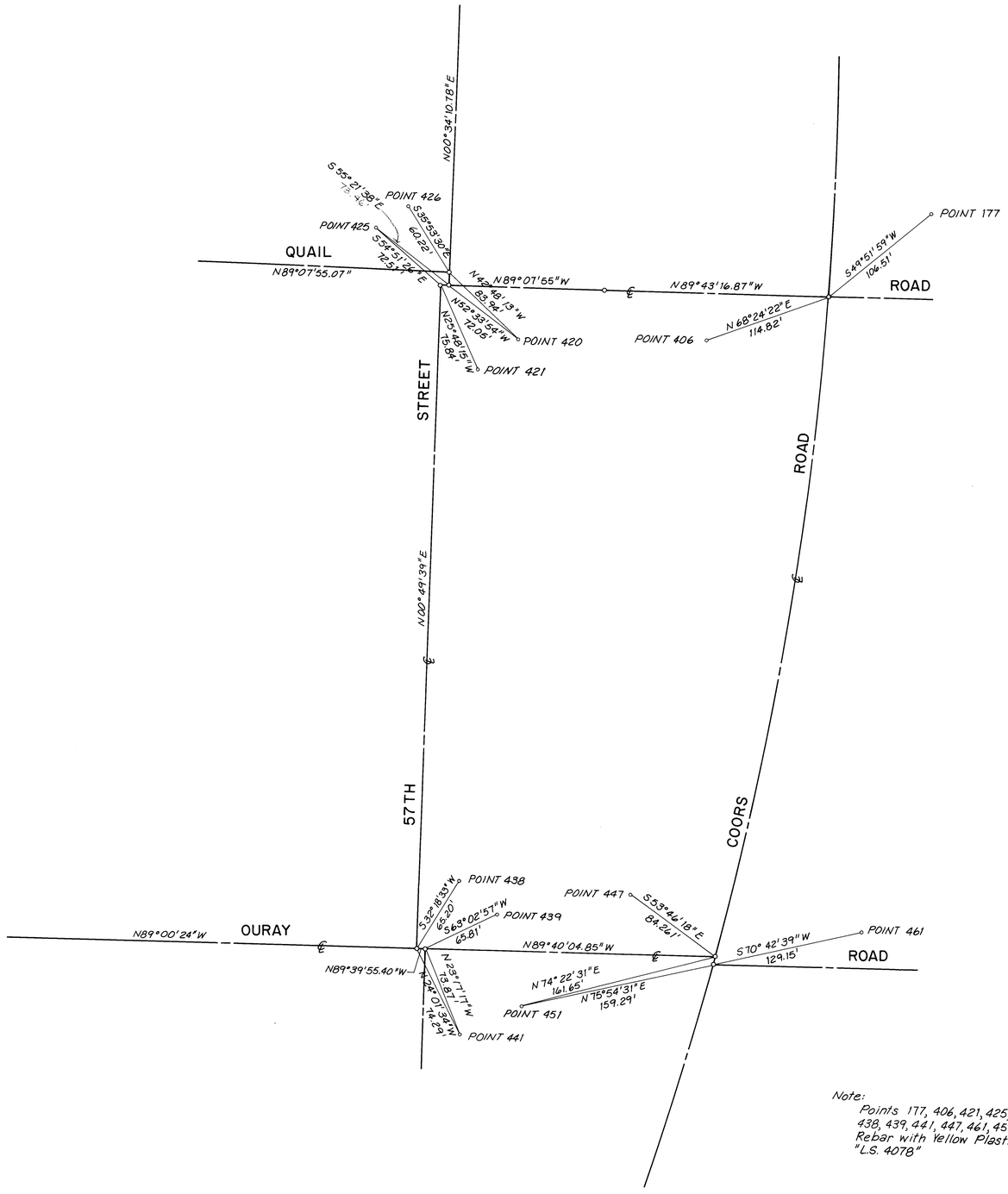
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

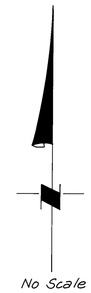
TITLE: COORS WIDENING CONSTRUCTION SIGNING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/26/87	Liquid Waste	JEE	8/14/87
A.C.E.-Design	" "	" "	Traffic	NA DWH	8/15/87
~~A.C.E.~~-Hydrology	N/A SAB	8/24/87	Water	JEE	8/14/87

DRAWING NO. 3316 | MAP NO. H-11 | SHEET 37 OF 38

BRUNING 44-232





Note:
Points 177, 406, 421, 425, 426
438, 439, 441, 447, 461, 451
Rebar with Yellow Plastic Cap
"L.S. 4078"

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

BENCH MARKS
STA. N.M. 448-N3 ELEV. 5099.527
STANDARD N.M.S.H.C. BRASS TABLET
SET FLUSH IN TOP OF CONCRETE POST
LOCATED IN THE SOUTH WEST EDGE
OF "WEST MESA BOWL" BOWLING
ALLEY PARKING LOT.

AS-BUILT INFORMATION		
CONTRACTOR Sundance Mechanical		
WORK STAKED BY	BHI	DATE
INSPECTOR'S ACCEPTANCE BY	CGP	DATE 5/88
FIELD VERIFICATION BY	BHI	DATE 4/88
DRAWINGS CORRECTED BY	BHI	DATE 4/88
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

ENGINEER'S SEAL

WILLIAM L. VREELAND
NEW MEXICO
8131
REGISTERED PROFESSIONAL ENGINEER
4/27/88

RECORD DRAWINGS
DATE 4/28/88

26 33 1 6 3 8 8 8

NO.	DATE	REVISIONS	BY
		REMARKS	

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

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
COORS WIDENING - LOTS 2 & 3
HORIZONTAL TIES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		8/24/87	Liquid Waste NA	JEE	8/14/87
A.C.E. - Design	" "	" "	Traffic	NA DWH	8/15/87
~~A.C.E.~~ - Hydrology	N/A SAB	8/26/87	Water NA	JEE	8/14/87

for

DRAWING NO.	MAP NO.	SHEET	OF
3316	H-11	38	38

BRUNING 44-232