CONSTRUCTION PLANS
FOR

CITY OF ALBUQUERQUE · NEW MEXICO

COMMUNITY DEVELOPMENT PROGRAM

PROJECT NUMBER ~~CD-4B~~ 1717

STREET & UTILITY IMPROVEMENTS

DURANES PAVING PROJECT

APPROVED AS BUILT DRAWINGS
ASST. CITY ENGINEER FIELD
DATE 6/24/84

RECORD DRAWING
9/13/83 JH

PREPARED UNDER THE SUPERVISION OF

Jerry D. Hart Jr. 3/4/81
DATE

JERRY D. HART JR. NEW MEXICO 6788 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR MEURER, SERAFINI AND MEURER, INC.

[signature] 3/4/81
DATE

JOB NUMBER 3410001

MEURER, SERAFINI AND MEURER, INC.
2601 WYOMING BOULEVARD, N.E. • ALBUQUERQUE, NEW MEXICO 87110
(505) 292-1936 • A GENGE CO.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: ~~CD-4B~~ 1717

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[signature]	9/1/82	Liquid Waste		
A.C.E.- Design			Traffic		
A.C.E.- Hydrology			Water		

DRAWING NO. ~~CD-4B~~ 1717 SHEET OF

GENERAL NOTES:

SANITARY SEWER SYSTEM:

1. All construction shall meet the City of Albuquerque's specifications and standards.
2. Slope for sanitary sewer invert is shown in percent of grade.
3. All manholes are Type "E", Albuquerque City Standard S-2, unless otherwise noted.
4. Remove and return all excess existing manhole rings and covers to the City Yards, Building "E". A signed receipt shall be obtained from Joe Vallez, Ed Casias or Dean Wall.
5. Remove top section of manholes to be abandoned. Fill remaining manhole with sand and compact to 90% density by modified proctor.
6. Electronic Marker Disks shall be required in accordance with Section 131 of the Supplemental Technical Specifications.

WATER DISTRIBUTION SYSTEM:

1. All construction shall meet the City of Albuquerque's specifications and standards.
2. Water mains shall be C.I., D.I., and A.C. pipe for lines 6" - 14" as approved by City of Albuquerque, Water Resources Department.
3. Waterline shall have a minimum cover of 4' - 0". (Top of curb to top of pipe).
4. All water valves shall be installed at the P.C. of curb returns unless otherwise noted.
5. All fire hydrants shall be relocated 1 foot behind back of curb.
6. Concrete blocking shall be placed on all fire hydrants, tees, bends and other fittings which develop thrust.
7. The fire hydrants are to have a 3' x 3' x 6" concrete pad installed when the fire hydrant is not located within a sidewalk or concrete area.
8. Existing gate valves and fire hydrants shall be replaced with main line replacements. All gate valves and fire hydrants to be replaced shall be removed and returned to the City Yards, Building "J". A signed receipt shall be obtained from Mary Miello or Dan Vargas.
9. Cap or plug ends of abandoned lines.
10. Electronic Marker Disks shall be required in accordance with Section 131 of the Supplemental Technical Specifications.

STREET PAVING IMPROVEMENTS:

1. All construction shall meet the City of Albuquerque's specifications and standards.
2. All construction for streets, curb and gutter, concrete valley gutters, wheel chair ramps, etc., shall be in accordance with City of Albuquerque standard details for paving. Drawings Nos. P-1 thru P-25 and the detail sheet include herein.

STORM SEWER SYSTEM:

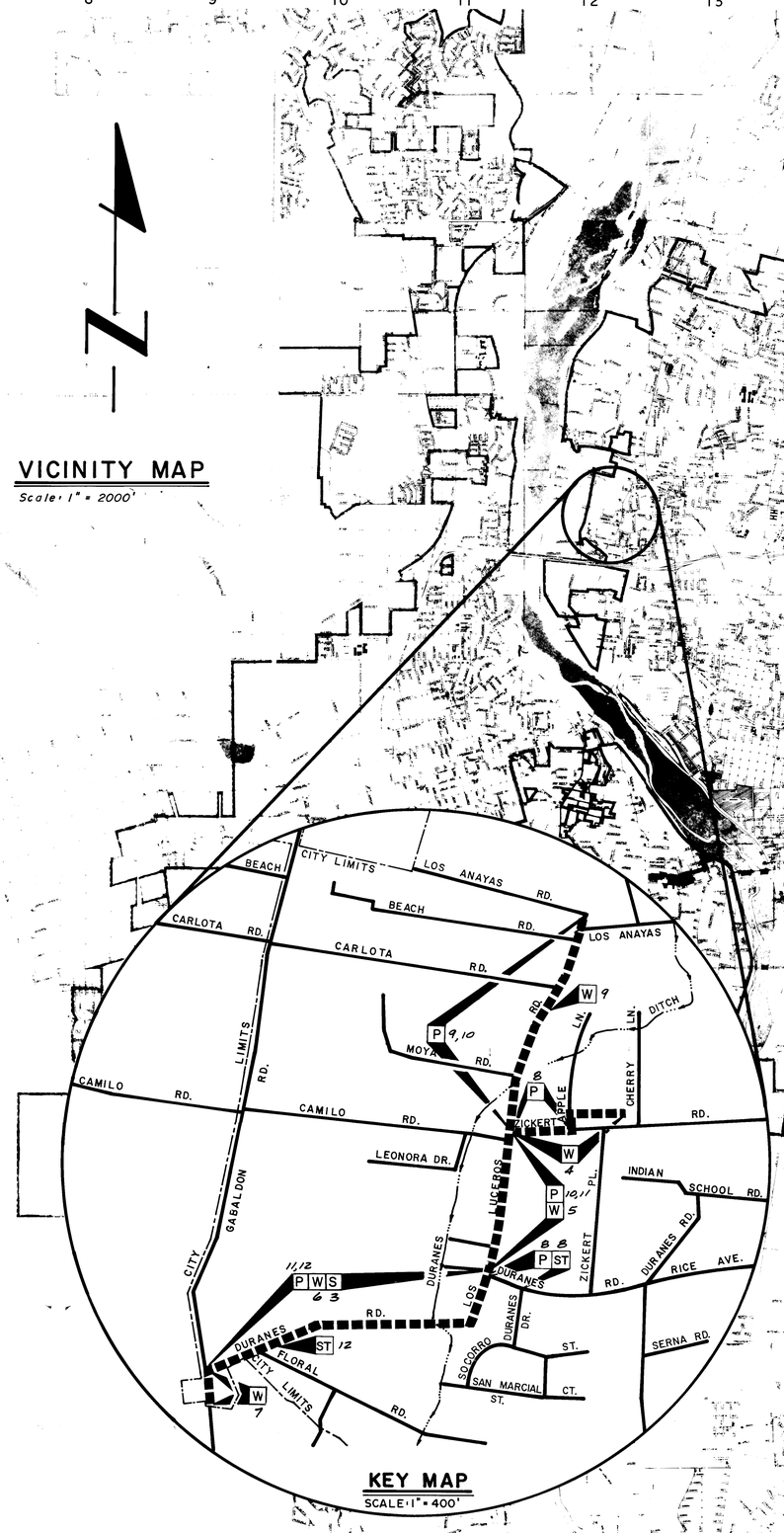
1. All construction shall meet the City of Albuquerque's specifications and standards.
2. Slope for storm sewer invert is shown in percent of grade.
3. All catch basins are type "D", single grate, Albuquerque City standard K-6.
4. Remove and return all excess existing manhole rings and covers to the City Yards, Building "E". A signed receipt shall be obtained from Joe Vallez, Ed Casias or Dean Wall.

Index to Drawings

Sheet No.	Description
1	TITLE SHEET
2	PROJECT LOCATION MAP
	SANITARY SEWER
3	LOS LUCEROS RD. / DURANES RD.
	WATER
4	ZICKERT RD.
5	LOS LUCEROS RD.
6	LOS LUCEROS RD. / DURANES RD.
7	GABALDON RD. 26 1717 0184
	PAVING
8	ZICKERT RD. STA. 0+00.00 TO STA. 1+45.10
	DURANES RD. STA. 0+00.00 TO STA. 2+60.00
9	LOS LUCEROS RD. STA. 0+00.00 TO STA. 11+00.00
10	LOS LUCEROS RD. STA. 11+00.00 TO STA. 19+00.00
11	LOS LUCEROS RD. STA. 19+00.00 TO STA. 23+82.00
	DURANES RD. STA. 23+82.00 TO STA. 30+60.00
12	DURANES RD. STA. 30+60.00 TO STA. 39+15.23
13	CONSTRUCTION DETAILS

VICINITY MAP

Scale: 1" = 2000'



KEY MAP

SCALE: 1" = 400'

Key Map Legend

- PROJECT AREA
- ST — PROPOSED STORM SEWER THIS LOCATION
- P — PROPOSED PAVING THIS SEGMENT
- W — PROPOSED WATER THIS SEGMENT
- S — PROPOSED SANITARY SEWER THIS SEGMENT

RECORD DRAWING

9/13/83 JH 26 1717 0284

SURVEY INFORMATION			
FIELD NOTES			
NO.	BY	DATE	
1517	T.A.	2-79	
"	F.S.	3-79	
1517A	F.S.	3-79	
"	B.G.	8-79	
"	T.A.	11-79	
"	T.A.	5-80	
"	T.A.	6-80	

BENCH MARKS

AS BUILT INFORMATION		
CONTRACTOR	J.R. HALE	
WORK STARTED BY	T. ALDRICH	DATE 5-82
INSPECTOR'S FIELD TANCE BY	C. CUATO	DATE
FIELD VERIFICATION BY	MSM	DATE
DRAWING CORRECTED BY	MSM/RJ	DATE 9/83
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO		

REFERENCES	
MAP NO. H-12	WO. NO.
EST. NO.	

NO.	DATE	REMARKS / REVISIONS	BY
		DESIGN	
		DESIGNED BY M.W.	DATE 3/80
		DRAWN BY J.S.L	DATE 3/80
		CHECKED BY J.H.	DATE 10/80

MEURER, SERAFINI AND MEURER, INC. — CONSULTING ENGINEERS · SURVEYORS · PLANNERS
2601 WYOMING BLVD. N.E. SUITE F ALBUQUERQUE NEW MEXICO 87112 (505) 292-1936

PLANS PREPARED UNDER THE DIRECTION OF

Jerry O'Hearn

APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER — DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CD-4B PROJECT LOCATION MAP

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		

DRAWING NO. ~~CD-4B~~ 1717

SHEET 2 OF 13

SCALE: 1"= 40' HORIZ.
1"= 5' VERT.

MATCH LINE STA. 19+00.00

DURANES RD.

EXIST. 12" V.C.P. TO EXIST. M.H. # 506

EXISTING MANHOLE TO REMAIN

LEOPOLDO RD.

REPLACE EXISTING M.H. 605 WITH NEW MANHOLE IN SAME LOCATION

BURIED CABLE 765-1234

identical points

2" HIGH PRESSURE GAS LINE

REMOVE & REPLACE EXISTING SEWER MAIN, RECONNECT EXIST. SERVICES TO NEW SEWER MAIN.

ABANDON EXIST. SEWER LINE & MANHOLE IN PLACE. REMOVE TOP SECTION OF MANHOLE & RETURN RING & COVER TO CITY YARD. FILL REMAINING MANHOLE W/ SAND & COMPACT TO 90% DENSITY BY MODIFIED PROCTOR

REMOVE EXIST. MANHOLE 615 & INSTALL NEW MANHOLE 4' SOUTH OF OLD LOCATION. RETURN RING & COVER TO CITY YARD.

ABANDON EXIST. SEWER MAIN IN PLACE, RECONNECT EXIST. SERVICES TO NEW SEWER MAIN.

PROPOSED 8" V.C.P. SANITARY SEWER & MANHOLES 4' SOUTH OF EXIST. S.A.S. MAIN

REMOVE EXIST. MANHOLE 603 & INSTALL NEW MANHOLE 4' SOUTH OF OLD LOCATION. RETURN RING & COVER TO CITY YARD.

NOTE: THERE ARE MANY EXISTING BURIED UTILITIES IN THIS AREA. CONTRACTOR SHOULD USE EXTREME CARE, AND CALL FOR LINE LOCATIONS PRIOR TO EXCAVATION.

NOTE: CONTRACTOR SHALL LOCATE EXISTING SERVICE CONNECTIONS PRIOR TO REPLACING SEWER FROM STA. 23+90.44 TO STA. 25+23.

MATCH LINE STA. 30+60.00 SEE BELOW LEFT

LOS LUCEROS ROAD

DURANES ROAD

REMOVE EXISTING SEWER

270' - 8" V.C.P. @ 0.50%

780' - 8" V.C.P. @ 0.5%

324' @ 0.40% 0.92%

350' - 8" V.C.P. @ 0.40% 0.42%

ABANDON EXISTING SEWER

INSTALL M.H. #5

LAY PIPE CONTINUOUSLY THRU M.H.

INSTALL M.H. #6

INSTALL M.H. #7

TIE INTO EXISTING M.H. #605

6" WATER LINE (EXIST. W.L.)

PLAN

PROFILE

SCALE: 1"= 40' HORIZ.
1"= 5' VERT.

MATCH LINE STA. 30+60.00 SEE ABOVE RIGHT

2" HIGH PRESSURE GAS LINE

EXIST. 8" V.C.P. TO EXIST. M.H. # 700

FLORAL RD.

GABALDON RD.

END STA. 39+29.00 GABALDON RD.

PROPOSED 8" SANITARY SEWER

EXISTING STORM SEWER

EXIST. MANHOLE TO REMAIN.

ABANDON EXIST. SANITARY SEWER MAIN IN PLACE. RECONNECT EXIST. SERVICES TO NEW SEWER MAIN.

INSTALLED TYPE "E" MANHOLE 8" CLAY PIPE SEWER FOR L. LOPEZ

REMOVE EXIST. MANHOLE 602 & INSTALL NEW MANHOLE 4' SE OF OLD LOCATION. RETURN RING & COVER TO CITY YARD.

DELIA RD.

EXIST. 8" V.C.P. FROM M.H. # 516

DURANES ROAD

IN THIS ZONE MIN. 2' VERT. SEPARATION EXIST. BETWEEN SANITARY SEWER AND WATER

SEWER NOT REPLACED FROM MH 517 TO MH 600

EXISTING 8" CLAY PIPE

ABANDON EXISTING SEWER

170' - 8" V.C.P. @ 0.40% 0.42%

199.6' 8" V.C.P. @ 0.42%

305' - 8" V.C.P. @ 0.22%

INSTALL M.H. #4

LAY PIPE CONTINUOUSLY THRU M.H.

TIE INTO EXIST. M.H. #600

LEGEND

- EMD—WATER OR SEWER
- CENTERLINE PAVED ROAD
- FENCE
- WALL
- POST
- S.S. MANHOLE
- FIRE HYDRANT
- POWER POLE / GUY WIRE
- WATER METER ⊠ NEW WATER METER BOX
- GAS METER
- WATER VALVE
- GAS VALVE
- MAILBOX
- TELEPHONE CABLE BOX
- DIVERSION BOX
- FOLIAGE
- PROPOSED SANITARY SEWER & MANHOLE W/SERVICE

NOTE: THE REPLACEMENT SANITARY SEWER FROM STA. 25+98 TO STA. 39+29 MAY BE RUN FROM 0' TO 4' EAST OR SOUTH OF THE EXISTING LINE IN ORDER TO MINIMIZE CONFLICTS W/ EXISTING UTILITIES.

26 1717 0384

The undersigned does hereby certify that this drawing was revised in accordance with information furnished by J.R. Hale Contracting Company, Inc. (Contractor) and MSM/SP Group (Engineer & Surveyor) to reflect the reported location of the work as actually accomplished.

Prepared under the supervision of

Date 9/13/83

MSM/SP Group

PLATE 2 DOUBLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

AS BUILT INFORMATION
J.R. HALE
T. ALDRICH 5-82
C. LOVATO
1454
1454/RJ 9-83
MICRO-FILM INFORMATION

BENCH MARKS

B.M.: 3/8" spike, east side of pole, +51' NE) Los Anaya & Los Luceros Sta. 0+00 Elev. 4965.232

B.M.: 3/8" spike, west side of pole #211, (+12' North) Sta. -2+19.70 Elev. 4964.718

B.M.: 3/8" spike, west side of pole #2023 (+120' south) Sta. 7+67.13 Elev. 4964.916

B.M.: 3/8" spike, west side pole #1920 (+20' SE) Moya Rd. Sta. 9+73.58 Elev. 4965.937

B.M.: 3/8" spike, east side of pole (+100' NE) Los Anaya & Los Luceros Sta. 0+00 Elev. 4965.221

B.M. brass cap ACS C-212 Elev. 4963.221

SURVEY INFORMATION

NO	FIELD NOTES BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

REFERENCES

MAP NO. H-12 WO NO

EST NO.

NO	REVISIONS	DATE	BY
	DESIGN	3/80	M.W.
		DATE	ZW, J.S.L.
		3/80	
		DATE	J.H.
		10/80	

DESIGNED BY M.W.
DRAWN BY ZW, J.S.L.
CHECKED BY J.H.

MEURER, SERAFINI AND MEURER, INC.
CONSULTING ENGINEERS · SURVEYORS · PLANNERS
2601 WYOMING BLVD, N.E. SUITE F ALBUQUERQUE, NEW MEXICO 87112 (505) 292-1936

PLANS PREPARED UNDER THE DIRECTION OF

JERYL T. SERAFINI NEW MEXICO 6766 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION SEE SHEET 1

CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

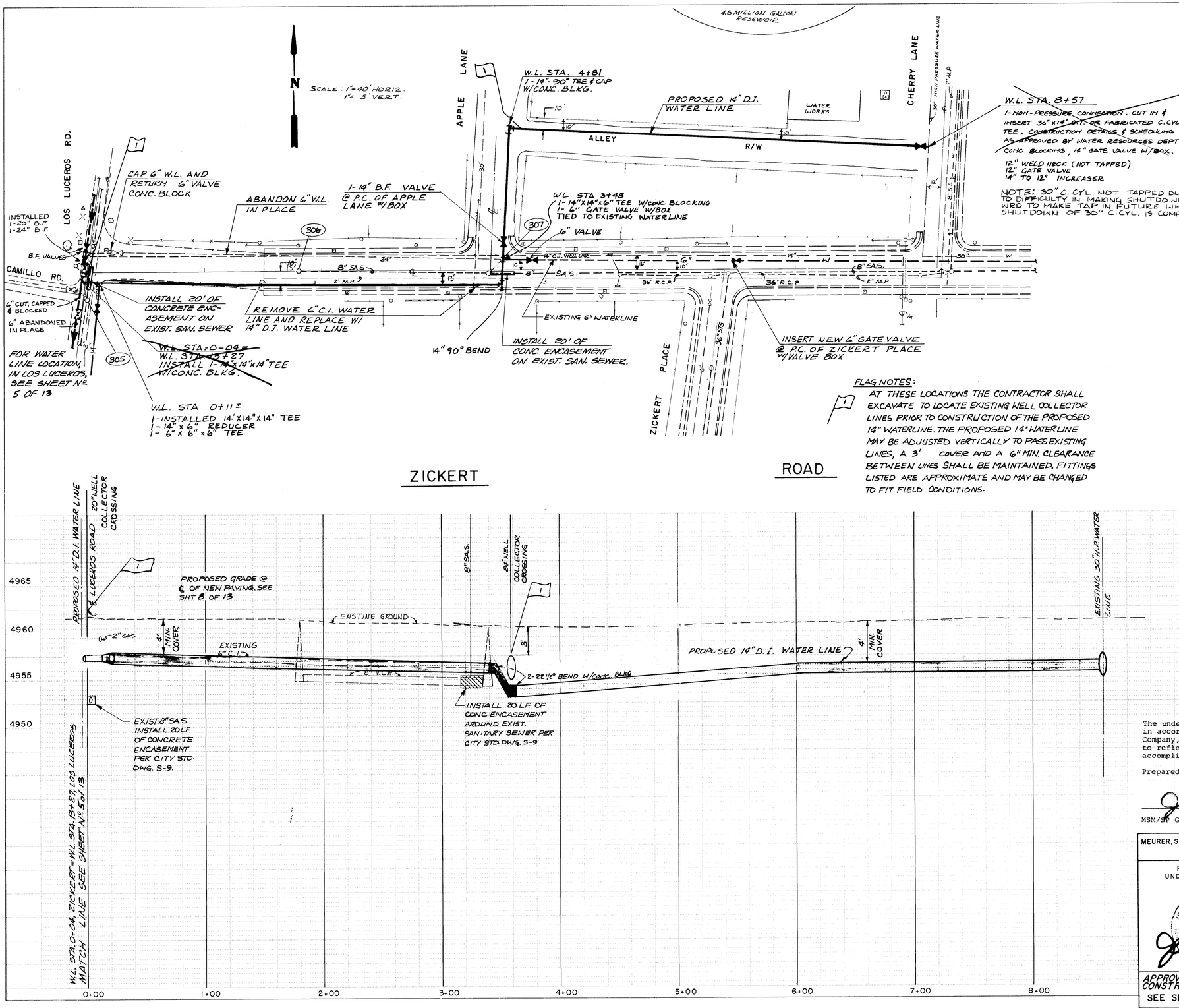
TITLE: SEWER
CD-4B
LOS LUCEROS ROAD
DURANES ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/81
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		3/5/81

DRAWING NO. ~~CD-4B~~ 1717

SHEET 3 OF 13

SANITARY SEWER



AS BUILT INFORMATION

CONTRACTOR J.R. HALE

WORK STAKED BY T. ALDRICH DATE 5-82

INSPECTIONS AND TESTING BY C. LOVATO DATE

FIELD CHANGES AND OPERATIONS BY MSM DATE 9/83

CORRECTED BY MSM/RJ DATE

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

B.M. 1 x cut on north bonnet bolt F.H. Intr. Los Luceros & Zickert Elev. 4964.365

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

REFERENCES

MAP NO. H-12

EST NO. W.O. NO.

NO.	REMARKS	DATE	BY
	REVISIONS		
	DESIGN	3/80	M.W.
		3/80	Z.W., J.S.L.
		10/80	J.H.

DESIGNED BY

DRAWN BY

CHECKED BY

The undersigned does hereby certify that this drawing was revised in accordance with information furnished by J.R. Hale Contracting Company, Inc. (Contractor) and MSM/SP Group (Engineer & Surveyor) to reflect the reported location of the work as actually accomplished.

Prepared under the supervision of: 246 17.17 0484

MSM/SP Group — 9/13/83 Date

MEURER, SERAFINI AND MEURER, INC. CONSULTING ENGINEERS · SURVEYORS · PLANNERS

2601 WYOMING BLVD. N.E. SUITE F ALBUQUERQUE, NEW MEXICO 87112 (505) 292-1936

PLANS PREPARED UNDER THE DIRECTION OF

JERRY D. HART JR. NEW MEXICO 6844

APPROVED FOR CONSTRUCTION SEE SHEET 1

CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: WATER

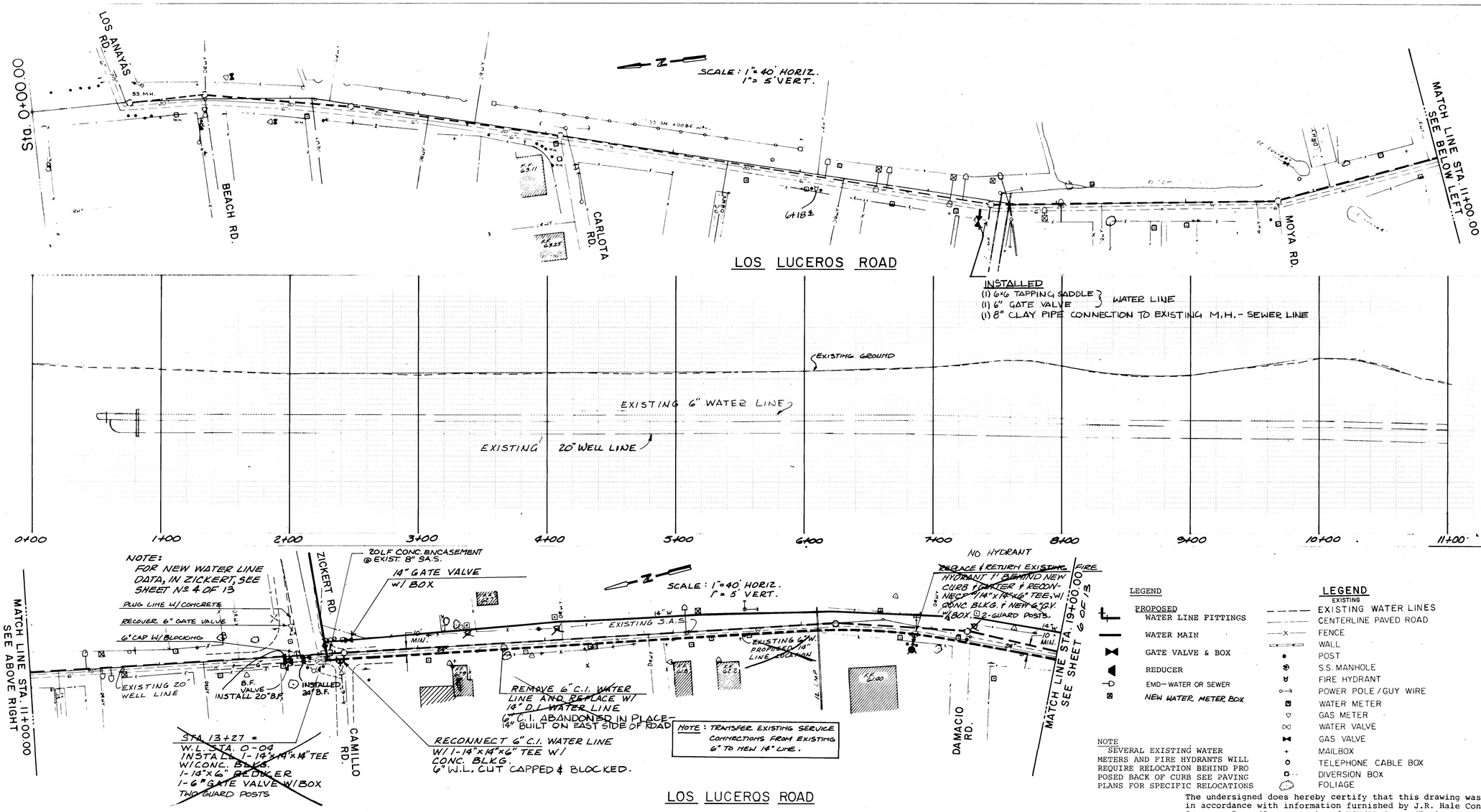
CD-4B ZICKERT ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/81
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		3/5/81

DRAWING NO. ~~CD-4B~~ 1717

SHEET 4 OF 13

WATER



PLAN

SURVEYED
ELEVATIONS ARE
ON CITY DATUM
N.G.V.D. OF 1929

PROFILE

HORIZ.
VERT.

AS BUILT INFORMATION

CONTRACTOR J.R. HALE
WORK STAKED BY T. ALDRICH DATE 5-82
ACCEPTANCE BY C. LUNATO DATE 1984
FIELD DATUM BY DATE
DRAWING BY HSM/RJ DATE 9-83
RELEASE BY DATE

MICRO-FILM INFORMATION

BENCH MARKS

B.M.: 3/8" spike, east side of pole, (±51' NEly) Los Anayas & Los Luceros Sta. 0+00
Elev. 4965.232
B.M.: 3/8" spike, west side of pole #11, (±12' SWly) Sta. 2+19.70 Elev. 4961.18
B.M.: 3/8" spike (bent) west side of pole #2023 (±120' south) Sta. 7+67.13 Elev. 4964.916
B.M.: 3/8" spike, west side pole #1920 +20' SE) Moya Rd. Sta. 9+73.58 Elev. 4965.931
B.M.: 3/8" spike, east side of pole (± 100' south) Sta. 17+62.39 Elev. 4962.616
B.M.: brass cap NGS C-612 Elev. 4963.221

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

REFERENCES

MAP NO. H-12
EST NO.
W.O. NO.

REVISIONS

NO.	DATE	REMARKS	BY
		DESIGN	
	3/80		
	3/80		
	10/80		

DESIGNED BY M.W.
DRAWN BY Z.W., J.SL.
CHECKED BY J.H.

LEGEND

PROPOSED
- WATER LINE FITTINGS
- WATER MAIN
- GATE VALVE & BOX
- REDUCER
- EMD-WATER OR SEWER
- NEW WATER METER BOX

EXISTING
- EXISTING WATER LINES
- CENTERLINE PAVED ROAD
- FENCE
- WALL
- POST
- S.S. MANHOLE
- FIRE HYDRANT
- POWER POLE/GUY WIRE
- WATER METER
- GAS METER
- WATER VALVE
- GAS VALVE
- MAILBOX
- TELEPHONE CABLE BOX
- DIVERSION BOX
- FOLIAGE

NOTE
SEVERAL EXISTING WATER METERS AND FIRE HYDRANTS WILL REQUIRE RELOCATION BEHIND PROPOSED BACK OF CURB SEE PAVING PLANS FOR SPECIFIC RELOCATIONS

The undersigned does hereby certify that this drawing was revised in accordance with information furnished by J.R. Hale Contracting Company, Inc. (Contractor) and MSM/SP Group (Engineer & Surveyor) to reflect the reported location of the work as actually accomplished.

Prepared under the supervision of: 26 1717 0584

MSM/SP Group 9/17/83 Date

MEURER, SERAFINI AND MEURER, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
2601 WYOMING BLVD. N.E., SUITE F ALBUQUERQUE, NEW MEXICO 87112 (505) 299-1931

PLANS PREPARED UNDER THE DIRECTION OF
JERRY L. SERAFINI JR. NEW MEXICO 9783 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: WATER

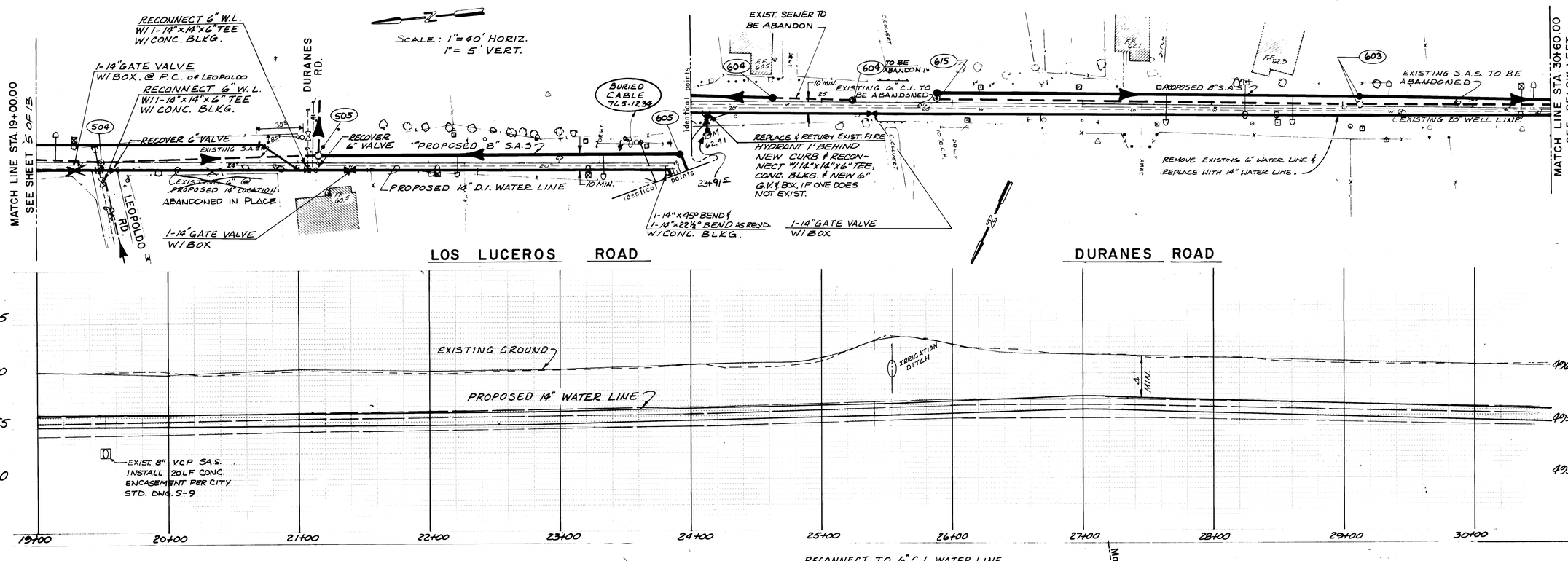
CD-4B LOS LUCEROS ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/81
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		3/5/81

DRAWING NO. ~~CD-4B~~ 1717
SHEET 5 OF 13

WATER

PLATE 2 DOUBLE PLAN - PROFILE - DOTTED
HARLES BRUNING COMPANY
MADE IN U.S.A.



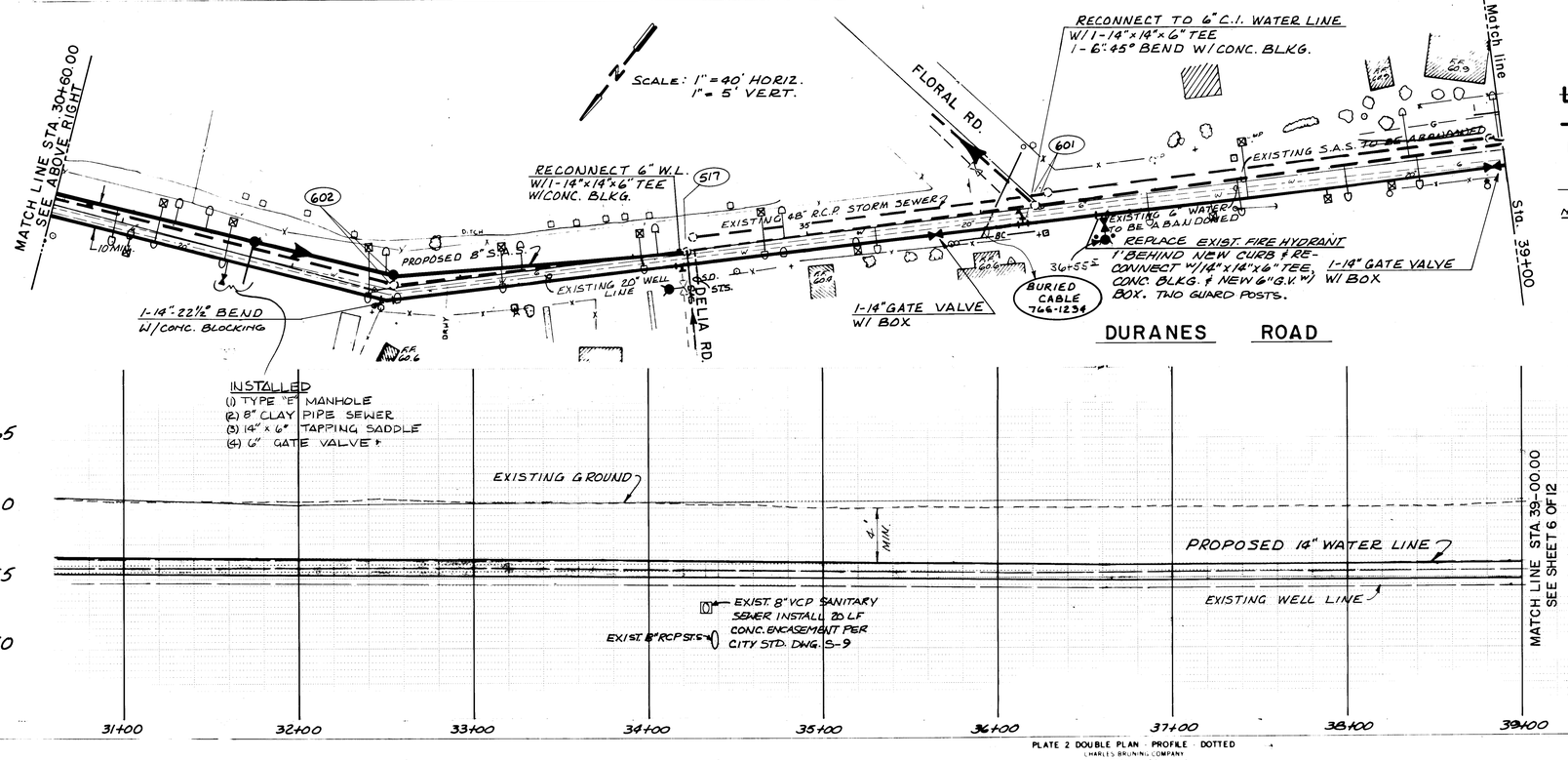


PLATE 2 DOUBLE PLAN - PROFILE - DOTTED
(CHARLES BRUNING COMPANY MADE IN U.S.A.)

LEGEND

PROPOSED
- WATER LINE FITTINGS
- WATER MAIN
- GATE VALVE & BOX
- REDUCER
- EMD WATER OR SEWER

LEGEND EXISTING
- 6" EXISTING WATER LINES
- CENTERLINE PAVED ROAD
- FENCE
- WALL
- POST
- S.S. MANHOLE
- FIRE HYDRANT
- POWER POLE / GUY WIRE
- WATER METER ⊠ NEW WATER METER BOX
- GAS METER
- WATER VALVE
- GAS VALVE
- MAILBOX
- TELEPHONE CABLE BOX
- DIVERSION BOX
- FOLIAGE

NOTES:
1) SEVERAL EXIST. WATER METERS & FIRE HYDRANTS WILL REQUIRE RELOCATION BEHIND PROPOSED BACK OF CURB. SEE PAVING PLANS FOR SPECIFIC RELOCATIONS.
2) TRANSFER ALL SERVICE CONNECTIONS FROM EXIST. 6" TO NEW 14" LINE.

The undersigned does hereby certify that this drawing was revised in accordance with information furnished by J.R. Hale Contracting Company, Inc. (Contractor) and MSM/SP Group (Engineer & Surveyor) to reflect the reported location of the work as actually accomplished.

Prepared under the supervision of:

26 1717 0684

9/13/23
Date

MSM/SP Group

MEURER, SERAFINI AND MEURER, INC. — CONSULTING ENGINEERS · SURVEYORS · PLANNERS
2601 WYOMING BLVD. N.E., SUITE F ALBUQUERQUE, NEW MEXICO 87112 (505) 292-1936

PLANS PREPARED UNDER THE DIRECTION OF

JERYL D. HART, JR. NEW MEXICO 6788 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: WATER
CD-4B
LOS LUCEROS ROAD
DURANES ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/81
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		3/5/81

DRAWING NO. ~~CD-4E~~ 1717

SHEET 6 OF 13

AS BUILT INFORMATION
NOTED BY J.R. HALE DATE 5-82
A.M. BY T. ALDRICH DATE 5-82
CHK'D BY C. LOVATO DATE
FIELD BK BY DATE
DRAWING BY MSM/RU DATE 9-83
CHECKED BY MICRO-FILM INFORMATION DATE
RECORDED BY DATE
NO

BENCH MARKS
B.M.: cut on conc., south side Leopoldo, near stop sign Sta. 19+50.49 Elev. 4960.885
B.M.: 3/4" spike, west side of Duranes Blvd., 2' south of pole. Elev. 4963.566
B.M.: X on north bonnet bolt F.H., ± 25' NW Sta. 23+90.44 Elev. 4962.930
B.M.: 3/8" spike, north side of pole, 3rd pole west Sta. 23+90.44 Elev. 4963.103
B.M.: 3/8" spike, south side of pole, + 12' NW next to tele ped # 2925 Sta. 32+51.06 Elev. 4963.714
B.M.: cut on north curbing Floral Rd., ± 68' east Sta. 36+35.37 Elev. 4960.160

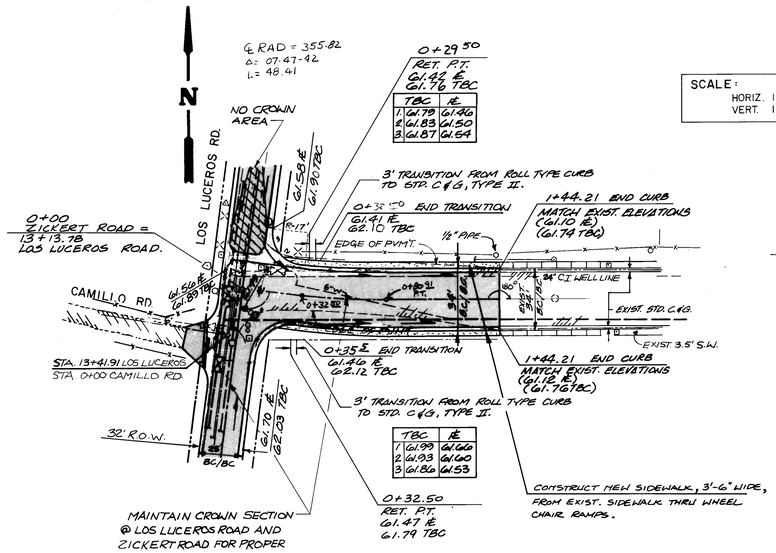
SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

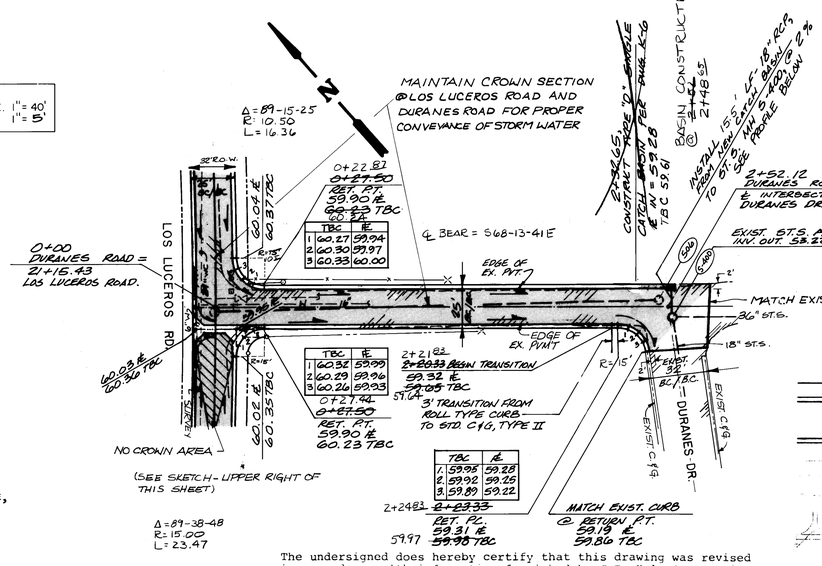
REFERENCES
MAP NO. H-12
EST NO.
WO NO

REMARKS
REVISIONS
DESIGN

NO.	DATE	BY



SCALE:
HORIZ. 1"= 40'
VERT. 1"= 5'

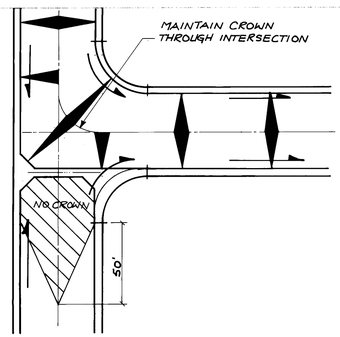


The undersigned does hereby certify that this drawing was revised in accordance with information furnished by J.R. Hale Contracting Company, Inc. (Contractor) and MSM/SP Group (Engineer & Surveyor) to reflect the reported location of the work as actually accomplished.

Prepared under the supervision of:

MSM/SP Group

9/13/83
Date



CROWN/NO CROWN SKETCH
(TYPICAL)

LEGEND
PROPOSED IMPROVEMENTS

- ESTATE OR ROLL TYPE CURB & GUTTER
- ASPHALT PAVEMENT
- FLOW ARROW
- HIGH POINT IN STREET
- CONCRETE VALLEY GUTTER W/FLOW LINE ELEVATIONS
- MANHOLE TO BE ADJUSTED TO GRADE
- WATER VALVE BOX TO BE ADJUSTED TO GRADE

GENERAL NOTES FOR PAVING

1. ALL GRADES AND ELEVATIONS SHOWN ON THIS SHEET ARE FLOWLINE OF PROPOSED CURB & GUTTER, BASED ON CENTERLINE DISTANCE.
2. ABBREVIATIONS USED ON THESE PLANS:
   F.E. = FLOWLINE OF PROPOSED CURB & GUTTER OR VALLEY GUTTER.
   TBC = TOP OF CONCRETE AT BACK OF CURB.
   TP = TOP OF PAVEMENT AT ROAD ℄.
   Bc./ Bc. = BACK OF CURB TO BACK OF CURB.
3. ALL STATIONING IS STREET ℄ STATIONING.
4. ALL CURB RETURNS ARE 15' RADIUS, AT BACK OF CURB, UNLESS OTHERWISE SHOWN.
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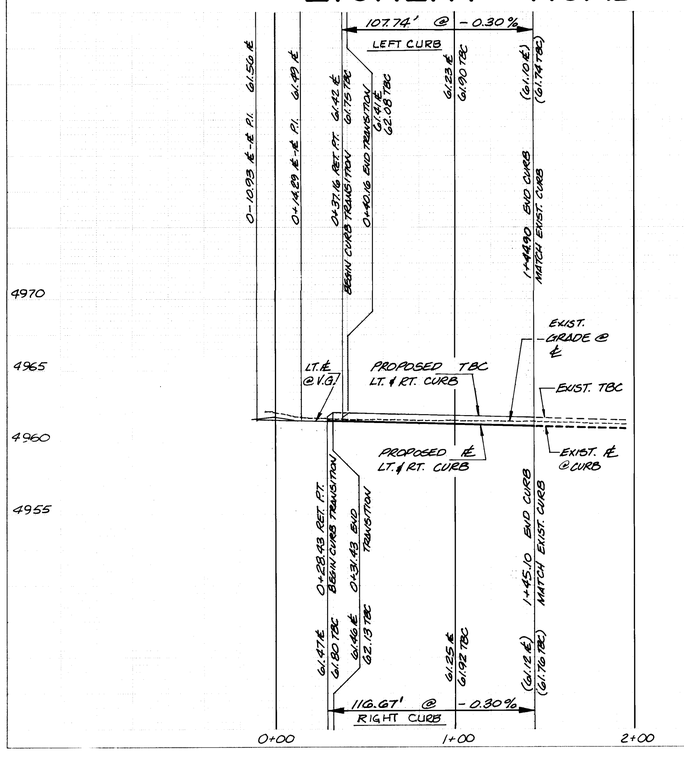
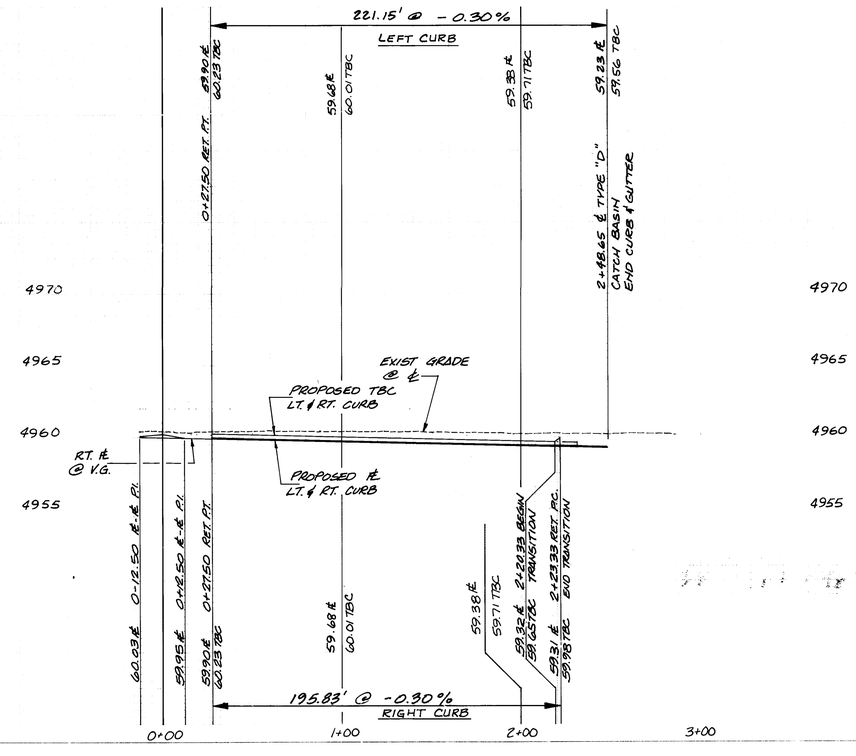
6. ALL CONSTRUCTION FOR STREETS, CURB & GUTTER, CONCRETE VALLEY GUTTER, ETC., SHALL BE IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE'S STANDARD DETAILS FOR PAVING. DRAWINGS P-1 THRU P-25.

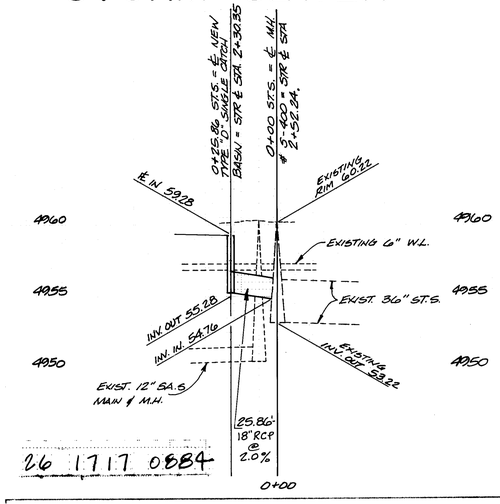
ZICKERT ROAD



DURANES ROAD



STORM SEWER



MEURER, SERAFINI AND MEURER, INC. CONSULTING ENGINEERS · SURVEYORS · PLANNERS

PLANS PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PAVING
CD-4B

ZICKERT ROAD
STA. 0+00.00 TO STA. 1+45.10
DURANES ROAD
STA. 0+00.00 TO STA. 2+60.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/81
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		3/5/81

DRAWING NO. ~~CD-4B~~ 1717

SHEET 8 OF 13

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY T. ALDRICH DATE 5-82
INSPECTIONS FIELD CHANGES BY C. LOVATO DATE
DRAWINGS CORRECTED BY MSM/RJ DATE 9-83
RECORDED BY
NO. DATE

BENCH MARKS
B.M. brass cap ADS C-612 Elev. 4963.221
B.M.: 3/8" spike, east side of pole, (+5') N61 Los Angeles & Los Luceros Sta. 0+00 Elev. 4965.232
B.M.s: 3/8" spike, west side of pole #211, (+12' N61 Sta. 2+19.70 Elev. 4964.718
B.M.: X cut on north bonnet bolt F.H.; int. Los Luceros & Zickert Elev. 4964.365

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	6-80
"	T.A.	6-80

REFERENCES
MAP NO. H-12
EST. NO.
W.O. NO.

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED BY M.W. DATE 3/80
DRAWN BY D.M. DATE 3/80
CHECKED BY J.H. DATE 10/80

FLAG NOTE:

1. REMOVE 33 S.Y. (15'x20'±) OF EXISTING PAVING AND REPLACE WITH NEW PAVEMENT. MATCH NEW GRADES AT LOS LUCEROS ROAD AND BLEND NEW PAVEMENT TO MATCH ELEVATION OF EXISTING SIDE STREET.

GENERAL NOTES FOR PAVING

1. ALL GRADES AND ELEVATIONS SHOWN ON THIS SHEET ARE FLOWLINE OF PROPOSED CURB & GUTTER, BASED ON CENTERLINE DISTANCE.
2. ABBREVIATIONS USED ON THESE PLANS:
   FE = FLOWLINE OF PROPOSED CURB & GUTTER OR VALLEY GUTTER.
   TBC = TOP OF CONCRETE AT BACK OF CURB.
   TP = TOP OF PAVEMENT AT ROAD E.
   BC/PC = BACK OF CURB TO BACK OF CURB.
3. ALL STATIONING IS STREET ℄ STATIONING.
4. ALL CURB RETURNS ARE 15' RADIUS, AT BACK OF CURB, UNLESS OTHERWISE SHOWN.
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LEGEND
PROPOSED IMPROVEMENTS

- ESTATE OR ROLL TYPE CURB & GUTTER
- ASPHALT PAVEMENT
- FLOW ARROW
- HIGH POINT IN STREET
- CONCRETE VALLEY GUTTER W/FLOW LINE ELEVATIONS
- MANHOLE TO BE ADJUSTED TO GRADE
- WATER VALVE BOX TO BE ADJUSTED TO GRADE
- NEW WATER METER BOX

SCALE: HORIZ. : 1" = 40'
VERT. : 1" = 5'

(A) 3' transition from estate type curb to roll type curb, centered at Station 10+06.47.

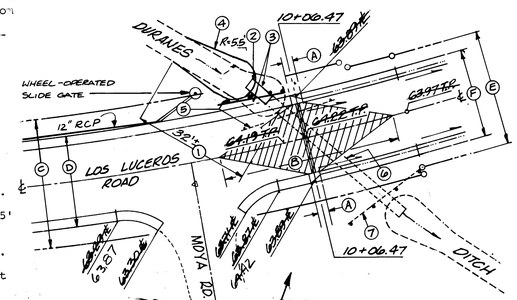
(B) With in 50 feet of distance along centerline blend crown of road in this area (hatched) to match elevations shown for t.p. at centerline

(C) 36' right-of-way.

(D) Estate curb at 25' back to back

(E) 32' right-of-way.

(F) Roll type curb at 25' back to back.



(1) Remove existing concrete ditch lining, avoid damage to existing pipe end.

(2) Install 7' l.f. new 30" R.C.P., tie to existing 30" R.C.P., match flowline elevation & alignment of existing ditch.

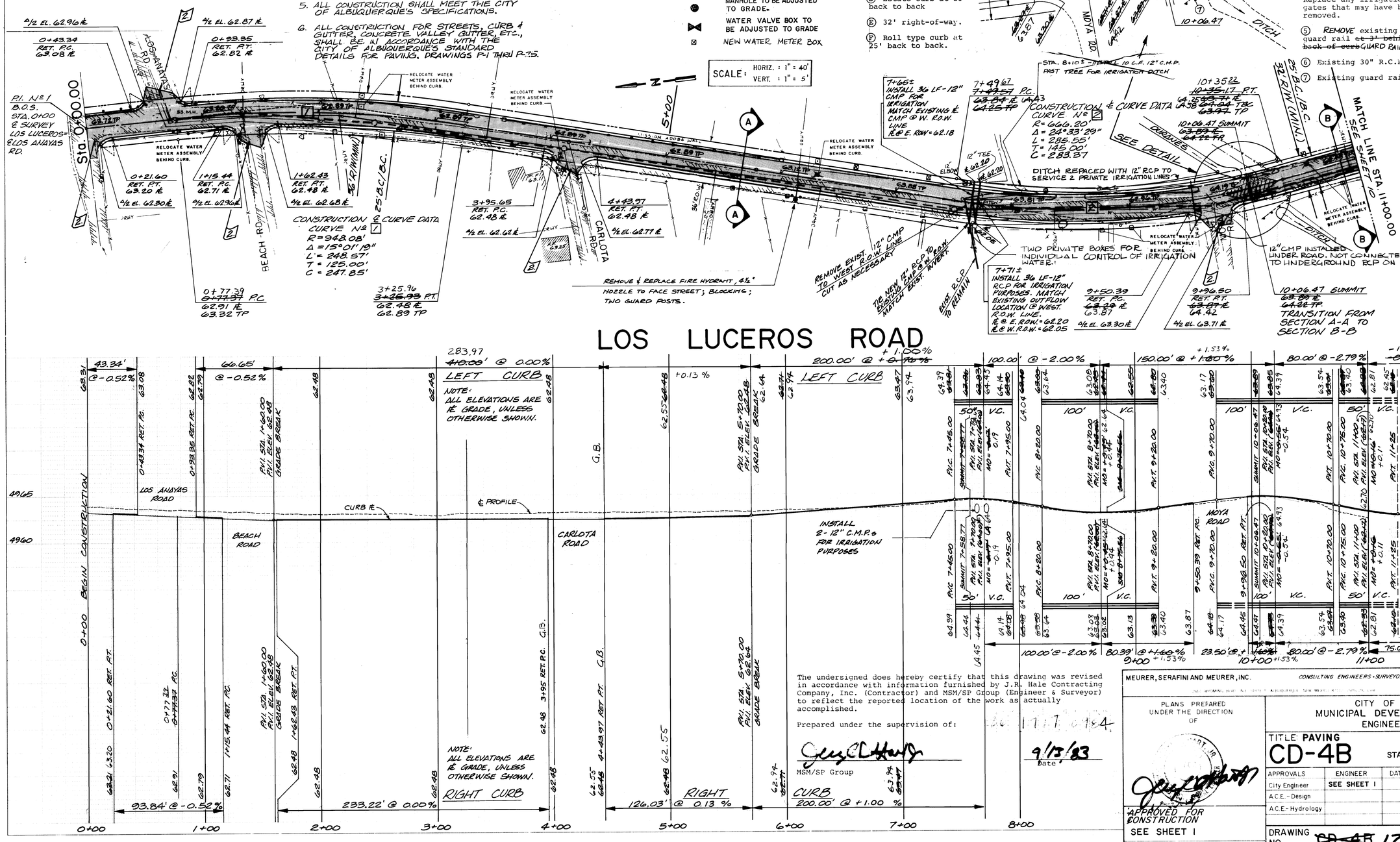
(3) Backfill around new R.C.P., compact to 90% mod. proctor, except where road base criteria applies.

(4) Form earth and construct new concrete inlet lining of 4" concrete, class . Replace any irrigation gates that may have been removed.

(5) REMOVE existing 25' guard rail ~~at 3' behind~~ 20 LF ~~back of curb~~ GUARD RAIL INTALLED

(6) Existing 30" R.C.P.

(7) Existing guard rail.



LOS LUCEROS ROAD

The undersigned does hereby certify that this drawing was revised in accordance with information furnished by J.R. Hale Contracting Company, Inc. (Contractor) and MSM/SP Group (Engineer & Surveyor) to reflect the reported location of the work as actually accomplished.

Prepared under the supervision of:

MSM/SP Group

9/13/83
Date

MEURER, SERAFINI AND MEURER, INC. — CONSULTING ENGINEERS · SURVEYORS · PLANNERS

PLANS PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER — DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PAVING
CD-4B
LOS LUCEROS ROAD
STA. 0+00.00 TO STA. 11+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/84
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		2/5/84

DRAWING NO. ~~CD-4B~~ 1717

SHEET 9 OF 13

AS BUILT INFORMATION

CONTRACTOR	J.R. HALE	
WORK STAKED BY	T. ALDRICH	DATE 5-82
INSPECTIONS MADE BY	C. LOVATO	DATE
FIELD CHANGES BY		DATE
DRAWINGS CORRECTED BY	MSM/RJ	DATE 9-83
RECORDED BY	MICRO-FILM INFORMATION	DATE

BENCH MARKS

B.M.: 3/8" spike (bent) west side of pole #2023 (4120 south) Sta. 7+67.13 Elev. 4964.916

B.M.: 3/8" spike, west side pole #1920 (+20' SW) Moya Rd. Sta. 9+73.58 Elev. 4965.937

B.M.: cut on lip of conc. 7±8 irrigation ditch, +50' SW Sta. 9+73.58 Elev. 4964.707

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

REFERENCES
MAP NO. H-12
EST NO. W.O. NO.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY M.W. DATE 3/80
DRAWN BY D.M. DATE 3/80
CHECKED BY J.H. DATE 10/80

GENERAL NOTES FOR PAVING

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   TP = TOP OF PAVEMENT AT ROAD ℄.
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INSTALL 6± LF-12" CMP FOR IRRIGATION MATCH EXIST. CMP INVERT @ END.

FLAG NOTE:

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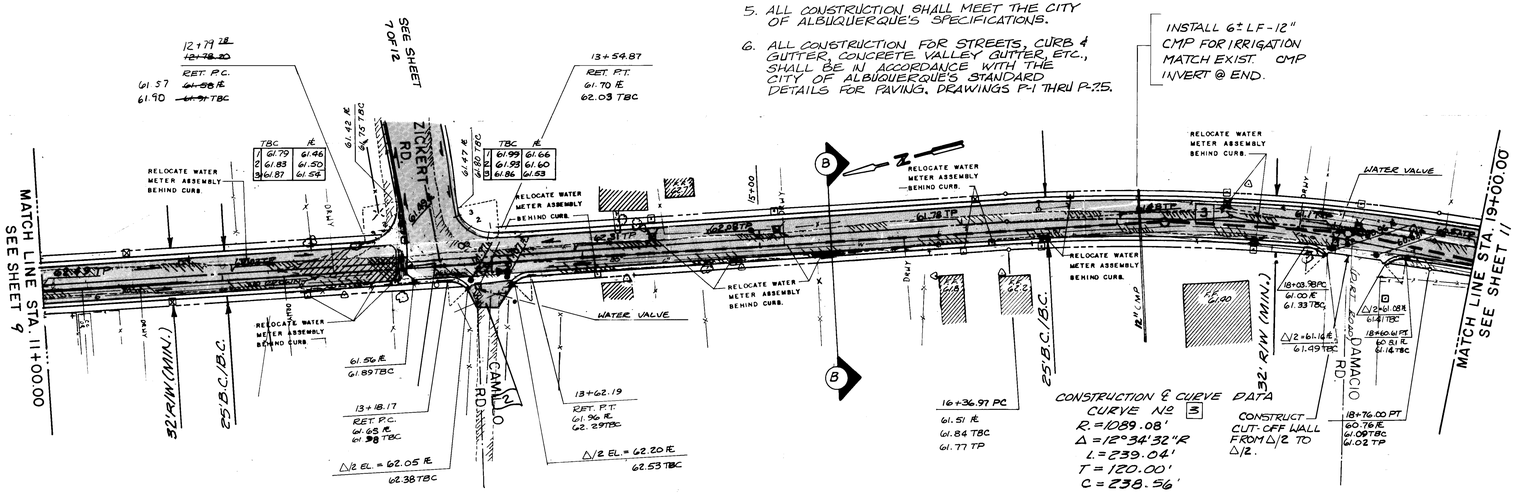
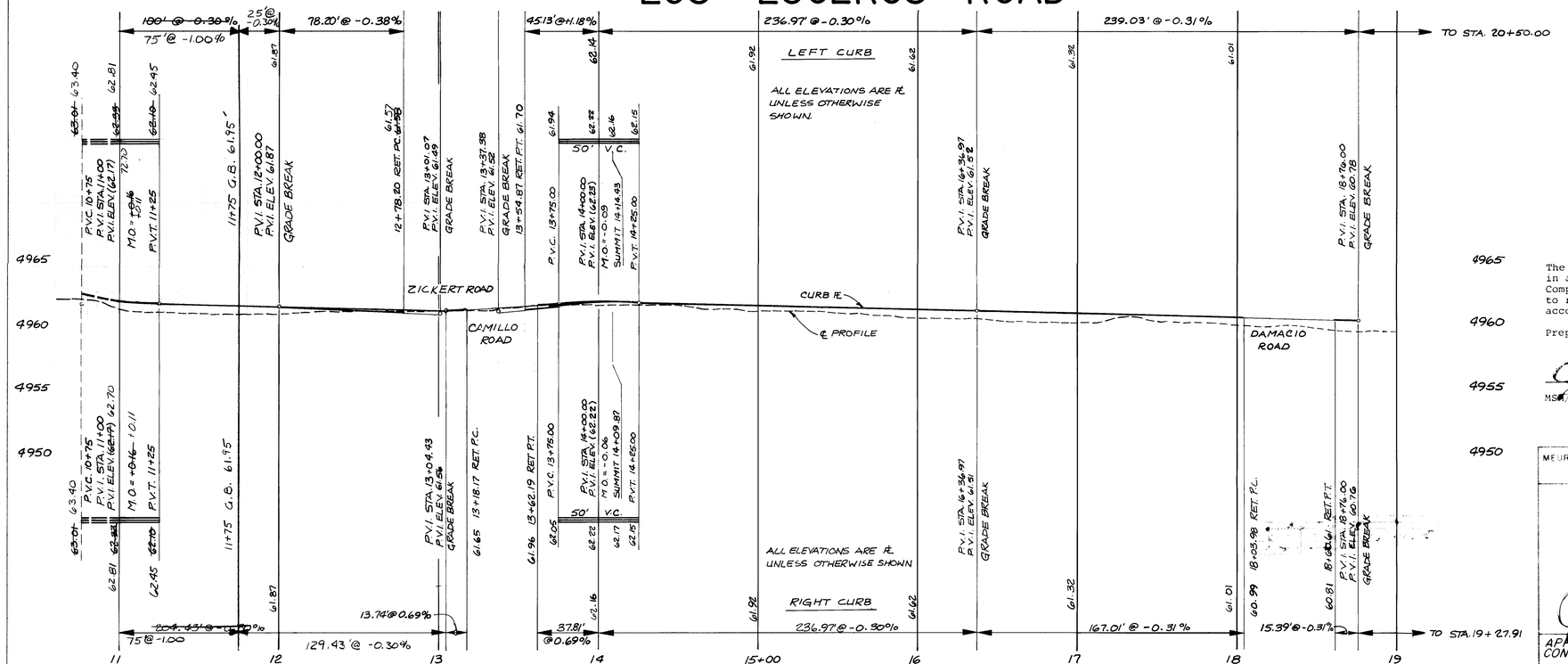
SCALE: HORIZ.: 1" = 40'
VERT.: 1" = 5'



LOS LUCEROS ROAD



LEGEND — PROPOSED IMPROVEMENTS

- ESTATE OR ROLL TYPE CURB & CUTTER
- ASPHALT PAVEMENT
- FLOW ARROW
- HIGH POINT IN STREET
- CONCRETE VALLEY GUTTER W/FLOW LINE ELEVATIONS
- MANHOLE TO BE ADJUSTED TO GRADE
- WATER VALVE BOX TO BE ADJUSTED TO GRADE
- NEW WATER METER BOX

LEGEND — EXISTING

- CENTERLINE PAVED ROAD
- FENCE
- WALL
- POST
- S.S. MANHOLE
- FIRE HYDRANT
- POWER POLE / GUY WIRE
- WATER METER
- GAS METER
- WATER VALVE
- GAS VALVE
- MAILBOX
- TELEPHONE CABLE BOX
- DIVERSION BOX
- FOLIAGE

AS BUILT INFORMATION
CONTRACTOR J.R. HALE DATE 5-82
STAKES BY T. ALDRICH
INSPECTION BY C. LOVATO DATE
REPRESENTATIVE
ELEVATION BY 1517 DATE
SHEETS BY 1517/RJ DATE 9-82
MICRO-FILM INFORMATION DATE
RECORDED BY

BENCH MARKS
B.M.: 3/8" spike, east side of pole (± 100' north) Sta. 17+62.39 Elev. 4962.616

SURVEY INFORMATION
FIELD NOTES

NO	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

REFERENCES
MAP NO. H-12
EST. NO. W.O. NO.

NO	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY M.W. DATE 3/80
DRAWN BY Z.W. DATE 3/80
CHECKED BY J.H. DATE 10/80

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Prepared under the supervision of:

MSM/SP Group — Date 9/13/83

MEURER, SERAFINI AND MEURER, INC — CONSULTING ENGINEERS · SURVEYORS · PLANNERS

PLANS PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE PAVING
CD-4B
LOS LUCEROS ROAD
STA. 11+00.00 TO STA. 19+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/31/83
ACE - Design			Traffic		
ACE - Hydrology			Water		9/13/83

DRAWING NO. ~~CD-4B~~ 1717
SHEET 10 OF 13

GENERAL NOTES FOR PAVING

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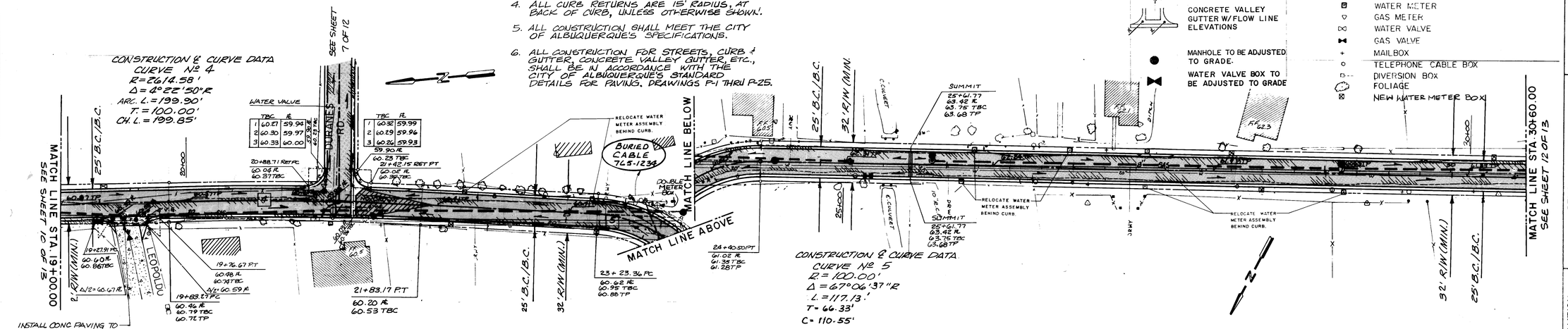


LEGEND

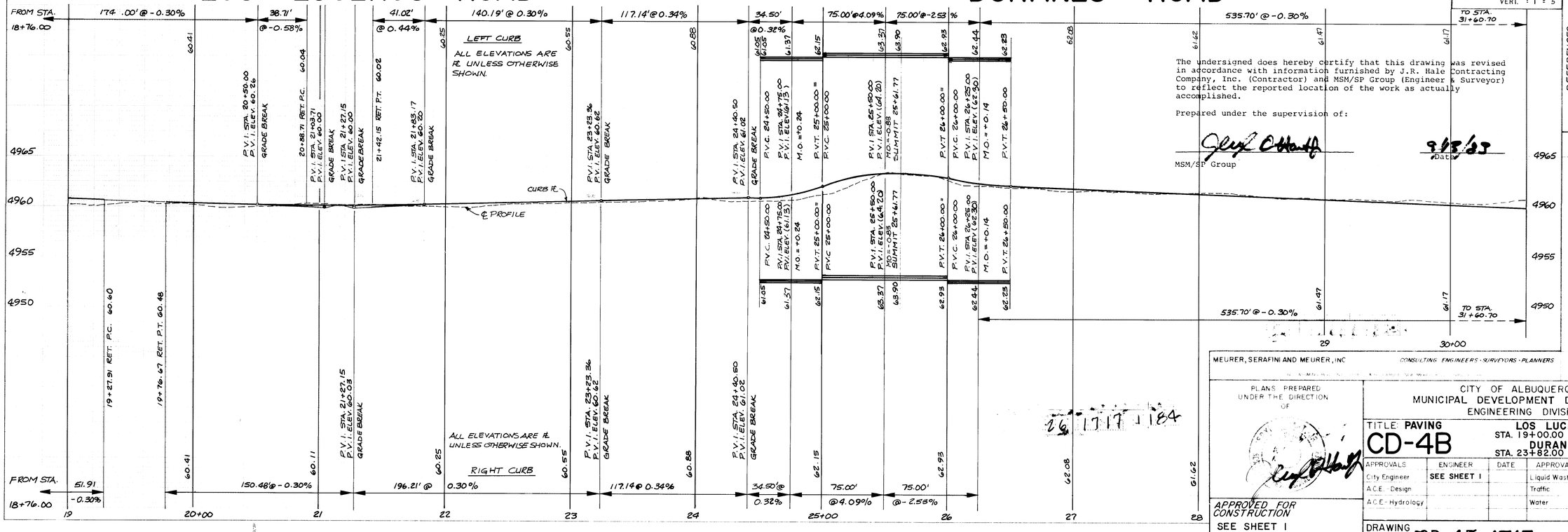
PROPOSED IMPROVEMENTS

- ESTATE OR ROLL TYPE CURB & GUTTER
- ASPHALT PAVEMENT
- FLOW ARROW
- HIGH POINT IN STREET
- CONCRETE VALLEY GUTTER W/FLOW LINE ELEVATIONS
- MANHOLE TO BE ADJUSTED TO GRADE.
- WATER VALVE BOX TO BE ADJUSTED TO GRADE

EXISTING

- CENTERLINE PAVED ROAD
- FENCE
- WALL
- POST
- S.S. MANHOLE
- FIRE HYDRANT
- POWER POLE / GUY WIRE
- WATER METER
- GAS METER
- WATER VALVE
- GAS VALVE
- MAILBOX
- TELEPHONE CABLE BOX
- DIVERSION BOX
- FOLIAGE
- NEW WATER METER BOX

LOS LUCEROS ROAD — DURANES ROAD



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Prepared under the supervision of:

MSM/SP Group — Date 9/18/83

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

BENCH MARKS

B.M.: X on conc. south side of pole, 3rd pole from sta. 19+50 49 Elev.
B.M.: 3/8" spike, west side of Durane sta. 21+16.20 Elev. 4963.566
B.M.: X on north bonnet bolt F.H., ± 25' NW sta. 23+90.44 Elev. 4962.939
B.M.: 3/8" spike, north side of pole, 3rd pole west sta. 23+90.44 Elev. 4963.103
B.M.: 3/8" spike, south side of pole + 12' NW next to trans pad # 2925 sta. 32+51.06 Elev. 4963.714

AS BUILT INFORMATION

CONTRACTOR J.R. HALE
WORK STAKED BY T. ALDRICH DATE 5-82
INSPECTORS ACCEPTANCE BY C. LOVATO DATE
VERIFICATION BY HSH DATE
AS BUILT CORRECTED BY MSM/RJ DATE 9-83
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

REFERENCES

MAP NO. H-12 W.O. NO.
EST. NO.

REMARKS / REVISIONS

NO.	DATE	BY
DESIGN	3/80	M.W.
DESIGNED BY		
DRAWN BY	3/80	Z.W.
CHECKED BY	10/80	J.H.

SCALE: HORIZ. : 1" = 40'
VERT. : 1" = 5'

MEURER, SERAFINI AND MEURER, INC — CONSULTING ENGINEERS · SURVEYORS · PLANNERS

PLANS PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

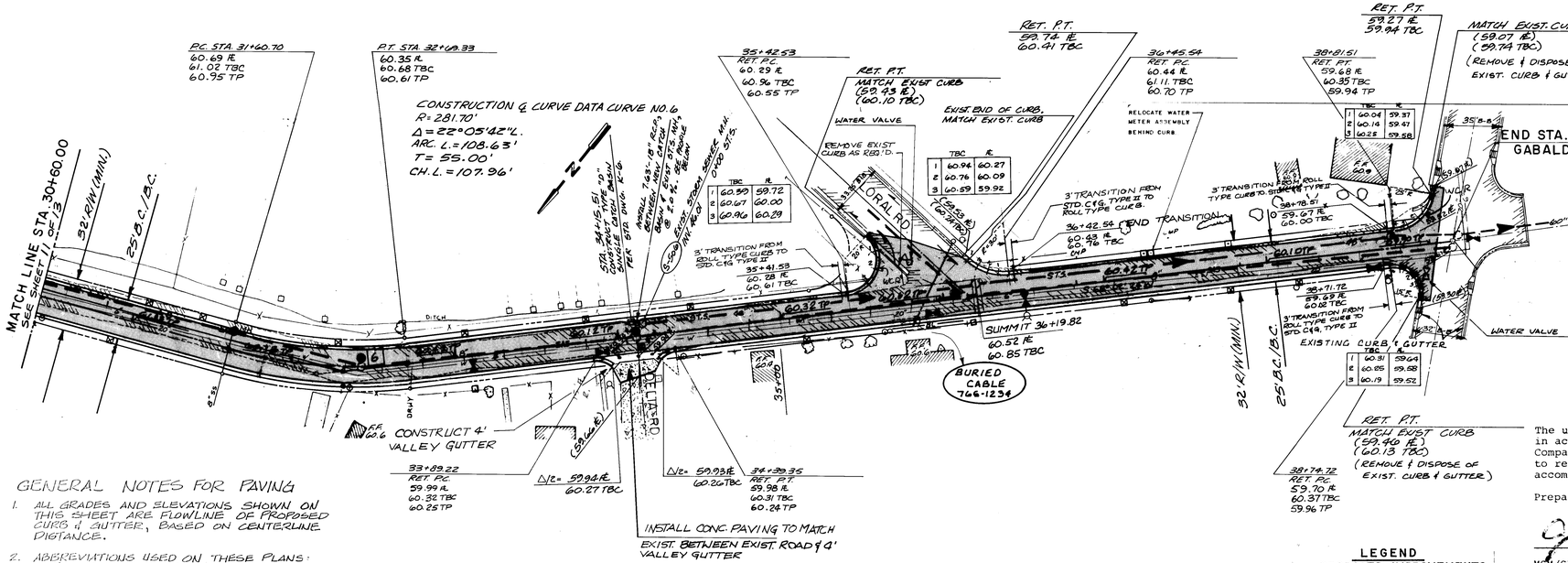
TITLE: PAVING
CD-4B
LOS LUCEROS ROAD STA. 19+00.00 TO STA. 23+82.00
DURANES ROAD STA. 23+82.00 TO STA. 30+60.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/84
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		3/5/84

DRAWING NO. ~~CD-4B~~ 1717 — SHEET 11 OF 13

26 1717 184

DURANES ROAD



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SCALE: HORIZ.: 1"= 40'
VERT.: 1"= 5'

LEGEND
EXISTING

- CENTERLINE PAVED ROAD
- FENCE
- WALL
- POST
- S.S. MANHOLE
- FIRE HYDRANT
- POWER POLE / GUY WIRE
- WATER METER
- GAS METER
- WATER VALVE
- GAS VALVE
- MAILBOX
- TELEPHONE CABLE BOX
- DIVERSION BOX
- FOLIAGE

LEGEND
PROPOSED IMPROVEMENTS

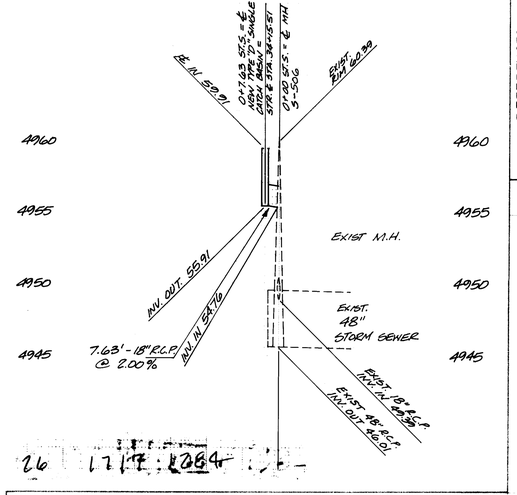
- ESTATE OR ROLL TYPE CURB & GUTTER
- ASPHALT PAVEMENT
- FLOW ARROW
- HIGH POINT IN STREET
- CONCRETE VALLEY GUTTER W/ FLOW LINE ELEVATIONS
- MANHOLE TO BE ADJUSTED TO GRADE
- WATER VALVE BOX TO BE ADJUSTED TO GRADE
- NEW WATER METER BOX

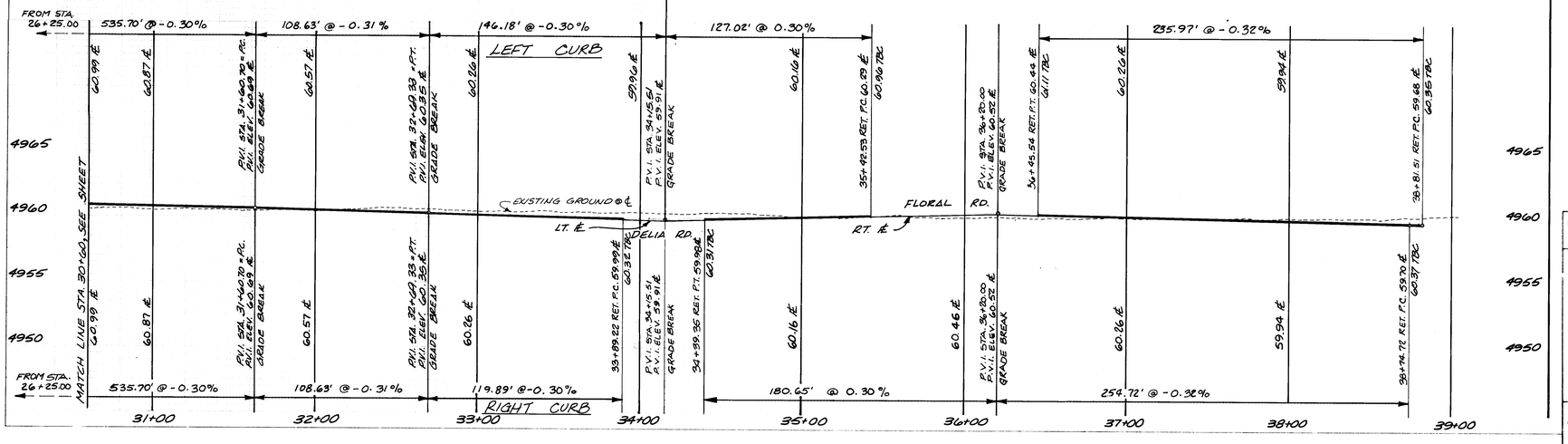
The undersigned does hereby certify that this drawing was revised in accordance with information furnished by J.R. Hale Contracting Company, Inc. (Contractor) and MSM/SP Group (Engineer & Surveyor) to reflect the reported location of the work as actually accomplished.

Prepared under the supervision of:

MSM/SP Group — 9/13/83 Date

STORM SEWER





REFERENCES	
MAP NO. H-12	
EST NO.	W.O. NO.

AS BUILT INFORMATION	
CONTRACTOR	J.R. HALE
WORK OBSERVED BY	T. ALDERETE DATE 5-82
INSPECTORS ACCEPTANCE BY	C. LOWTO DATE
VERIFICATION BY	MSM DATE
REVISIONS MADE BY	MSM/RJ DATE 9-83
CORRECTED BY	MICRO-FILM INFORMATION DATE
RECORDED BY	DATE
NO.	

BENCH MARKS	
B.M.:	Cut on north curbing Floral Rd., ± 68' east Sta. 36+35.37 Elev. 4960.160
B.M.:	brass cap NGS 7-A13 Elev. 4961.930

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE
1517	T.A.	2-79
"	F.S.	3-79
1517A	F.S.	3-79
"	B.G.	8-79
"	T.A.	11-79
"	T.A.	5-80
"	T.A.	6-80

REMARKS		
REVISIONS		
DESIGN	M.W.	DATE 3/80
DESIGNED BY	Z.W.	DATE 3/80
DRAWN BY	J.H.	DATE 10/80
CHECKED BY		

NO.	DATE

MEURER, SERAFINI AND MEURER, INC. — CONSULTING ENGINEERS · SURVEYORS · PLANNERS

PLANS PREPARED UNDER THE DIRECTION OF

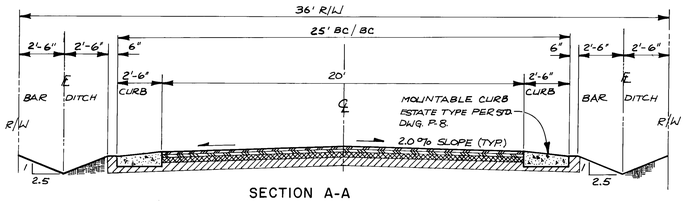
APPROVED FOR CONSTRUCTION
SEE SHEET 1
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PAVING
CD-4B
DURANES ROAD
STA. 30+60.00 TO STA. 39+15.23

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET 1		Liquid Waste		3/5/84
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		3/5/84

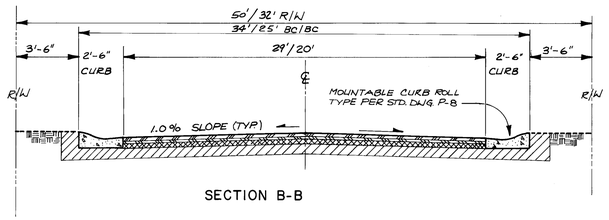
DRAWING NO. ~~CD-4B~~ 1717
SHEET 12 OF 13



SECTION A-A

TYPICAL STREET SECTION

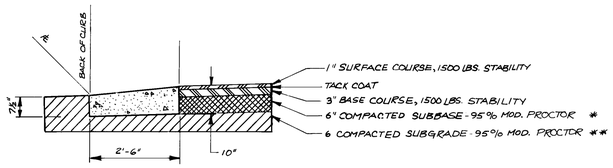
SCALE: 1/4" = 1'-0"



SECTION B-B

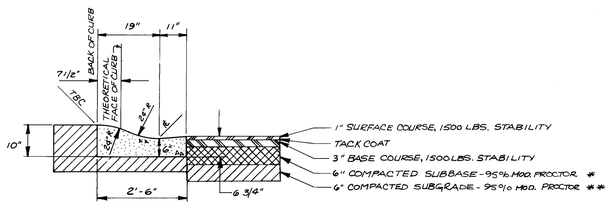
TYPICAL STREET SECTION

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



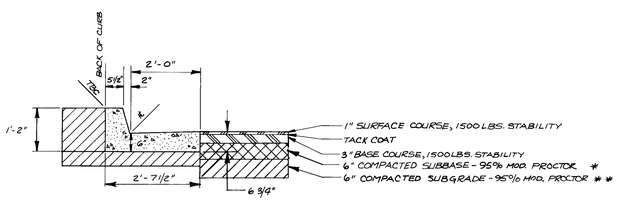
RESIDENTIAL STREET SECTION

WITH ESTATE TYPE CURB



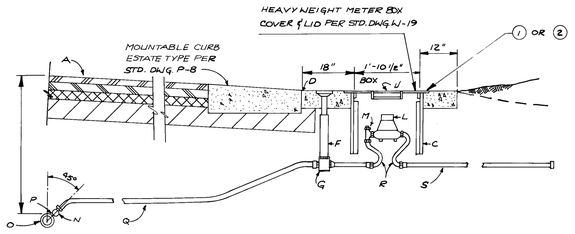
RESIDENTIAL STREET SECTION

WITH ROLL TYPE CURB



RESIDENTIAL STREET SECTION

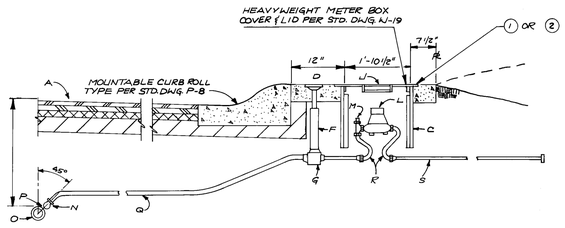
WITH STANDARD CURB & GUTTER, TYPE II



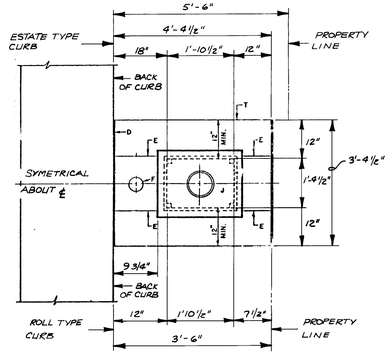
WATERMETER LOCATION @ ESTATE TYPE CURB

(1) IN FILL AREAS, SLOPE METER BOX @ 2% AWAY FROM ROAD.

(2) IN CUT AREAS, SLOPE METER BOX @ 2% TOWARD ROAD.



WATERMETER LOCATION @ ROLL TYPE CURB



PLAN

WATERMETER BOX & CONCRETE PAD LOCATIONS FOR 36' & 32' RIGHT OF WAY

GENERAL NOTES:

1. THE METER SHALL BE SET, UTILIZING A COPPER-SETTER WITH INVERTED KEY TYPE ANGLE SERVICE VALVE ON INLET SIDE OF THE METER (COPPER-SETTER HEIGHT 10" FOR 5/8" METER, 7" FOR 3/4" METER.
2. THE VALVE AND METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING. WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX, THE METER REGISTERS SHALL BE WITHIN READING RANGE OF THE LID OPENING.
3. FOR DETAILS ON LOCATION, INSTALLATION, DIMENSIONS, AND MATERIALS OF COVER AND LID, SEE DWGS W-14, W-15, W-16, W-18, AND W-19.
4. CONTRACTOR SHALL MARK THE CURB FACE WITH A 4" HIGH LETTER "W" AT A POINT WHERE A WATER SERVICE LINE CROSSES UNDER THE CURB. THE MARKING SHALL BE CHISLED ONTO THE CONCRETE.
5. WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVAL PLUGS FOR END OF COPPERSETTER.

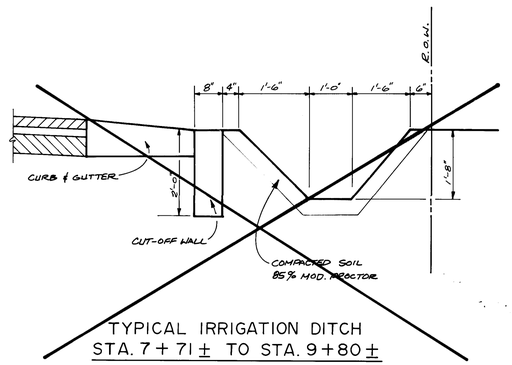
CONSTRUCTION NOTES:

A. STREET SURFACE.
B. BACK OF CURB.
C. METER BOX, SEE DWG. W-16.
D. ½ EXPANSION JOINT.
E. CONTRACTION JOINT.
F. CURB BOX, FOR SINGLE LINE INSTALLATION.
G. CURB STOP.

J. METER BOX COVER, SEE DWG. W-19.

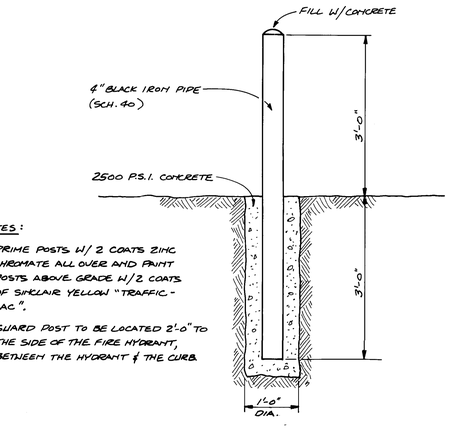
L. METER.
M. COPPERSETTER WITH VALVE.
N. CORPORATION STOP.
O. MAIN WATER LINE.
P. TAPPING SADDLE IF REQUIRED.
Q. SERVICE LINE.
R. YOKE.
S. TAILPIECE TO PROPERTY LINE, WITH INSTA-TITE I.P.T. CAPPED FITTING.
T. CONC. PAD.

NOTE: DITCH DELETED. REPLACED WITH 12" RCP



TYPICAL IRRIGATION DITCH
STA. 7+71 ± TO STA. 9+80 ±

NOT TO SCALE



Notes:

1) PRIME POSTS W/ 2 COATS ZINC CHROMATE ALL OVER AND PAINT POSTS ABOVE GRADE W/ 2 COATS OF SINCLAIR YELLOW "TRAFFIC-LAC".

2) GUARD POST TO BE LOCATED 2'-0" TO THE SIDE OF THE FIRE HYDRANT, BETWEEN THE HYDRANT & THE CURB.

GUARD POST

NOT TO SCALE

26 1717 13 84

LEGEND

* - SELECT BORROW

** - IF SOIL HAS LESS THAN 35% - #200 SIEVE MATERIAL, USE 90% MODIFIED PROCTOR.

RECORD DRAWING 1/13/83 JPDuG

SURVEY INFORMATION					
FIELD NOTES BY	DATE	NO.	REFERENCES	WO. NO.	
			MAP NO.		
			EST. NO.		

AS BUILT INFORMATION		
CONTRACTOR	J.R. HALE	DATE 5/82
WORK STAKED BY	T. ALDRICH	DATE
INSPECTOR'S ACCEPTANCE BY	C. LOVATO	DATE
FIELD VERIFICATION BY	HSM	DATE
DRAWING CORRECTED BY	HSM/RJ	DATE 9/83
MICRO-FILM INFORMATION		DATE
RECORDED BY		
NO.		

BENCH MARKS	

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE 3/80
		DESIGNED BY M.W.	
		DRAWN BY Z.W., J.S.L.	DATE 3/80
		CHECKED BY J.H.	DATE 10/80

MEURER, SERAFINI AND MEURER, INC. — CONSULTING ENGINEERS · SURVEYORS · PLANNERS

2601 WYOMING BLVD. N.E. SUITE F ALBUQUERQUE, NEW MEXICO 87112 (505) 292-1936

PLANS PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION

SEE SHEET I

CITY ENGINEER DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE:

CD-4B CONSTRUCTION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	SEE SHEET I		Liquid Waste		3/5/81
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		3/5/81

DRAWING NO. ~~CD-4B~~ 1717

SHEET 13 OF 13