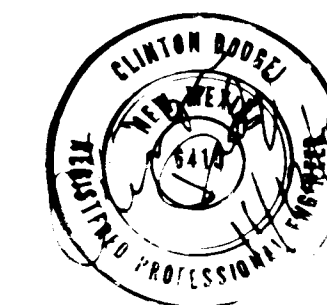


<u>SHEET NO.</u>		<u>DESCRIPTION</u>
1	OF 10	COVER SHEET, VICINITY MAP, AND INDEX OF DRAWINGS
2	OF 10	LEGEND AND GENERAL NOTES
3	OF 10	SHEET INDEX MAP
<u>STORM DRAIN PLAN AND PROFILE</u>		
4	OF 10	STA. 0+00 TO STA. 4+20 (SOUTHERN AVE. S.E.)
5	OF 10	STA. 4+20 TO STA. 9+00 (SOUTHERN AVE. S.E.)
6	OF 10	STA. 9+00 TO STA. 13+60 (SOUTHERN AVE. S.E. AND PALOMAS DR. S.E.)
7	OF 10	STA. 13+60 TO STA. 15+48.30 (PALOMAS DR. S.E. AND KATHRYN AVE. S.E.)
8	OF 10	WATER VALVE SHUTOFF PLAN
9	OF 10	TRAFFIC CONTROL PLAN
10	OF 10	TRAFFIC CONTROL PLAN

Date JUN 12 1990

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

APPROVAL AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 8/3/3-



LEEDSHILL-HERKENHOFF, INC.
Copper Square, 600 Copper Ave. N.W.
P.O. Box 1217
Albuquerque, New Mexico 87103
(505) 247-0294

APPROVED FOR
CONSTRUCTION

James H. Little
12-6-89 CE

PROJECT NO.	PROJECT 2712	SHEET OF	1 10
-------------	--------------	----------	------

LEGEND		
PROPOSED	EXISTING	DESCRIPTION
●	○	SANITARY SEWER MANHOLE
•	⊙	STORM DRAIN MANHOLE
NA	⊙ TELE MH	TELEPHONE MANHOLE
— SAS 8" CP	— SAS 8" CP	SANITARY SEWER LINE W/SIZE & TYPE
— SD 48" RCP	— SD 48" RCP	STORM DRAIN LINE W/SIZE & TYPE
— W 6" CI	— W 6" CI	WATER LINE W/SIZE & TYPE
NA	— []	OVERHEAD ELECTRICAL LINES
— [E]	— [E]	UNDERGROUND ELECTRICAL / TRAFFIC CONTROL
NA	— [T]	UNDERGROUND TELEPHONE
NA	— [G] 2" P	GAS LINES W/SIZE & TYPE
NA	— [C]	CABLE TELEVISION LINES
— []	— []	ENCASEMENT
— []	— []	STORM DRAIN INLETS (GRATE ELEVATION GIVEN IN PLANS IS EXTENDED FLOW LINE)
— []	— []	SATE VALVE
— []	— []	BUTTERFLY VALVE
— []	— []	FIRE HYDRANTS
— []	— []	REDUCERS
— []	— []	SAS SERVICE CONNECTION
— []	— []	WATER SERVICE CONNECTION
— []	— []	TEES
— []	— []	CROSSES
— []	— []	BENDS
— []	— []	CAPS & PLUGS
NA	— []	WATER METER
• VB	• VB	VALVE BOX
• PP	• PP	POWER POLE
• LP	• LP	LIGHT POLE
•	•	TRAFFIC LIGHT
•	•	TRAFFIC CONTROL BOX
• PB	• PB	PULL BOX
NA	•	TELEPHONE BOOTH
— 4" SW	— 4" SW	CURB & GUTTER
— 4" SW	— 4" SW	SCA WALK
— []	— []	BLOCK WALL
— []	— []	CHAIN LINK FENCE
— []	— []	FIELD FENCE
— []	— []	SPOT ELEVATIONS
NA	— []	PROJECT / PHASE BOUNDARY
NA	— []	RIGHT OF WAY LINES
NA	— []	PROPERTY LINES (SIDE)
NA	— []	PUBLIC EASEMENTS
— []	NA	CONSTRUCTION THIS PROJECT SPECIFIED ON DIFFERENT SHEET
■ LB	NA	LIGHT POLE BASE

PROPOSED	EXISTING	DESCRIPTION
— []	— []	RESIDENTIAL PAVING
— []	— []	ARTERIAL PAVING
— []	— []	CONCRETE PAVING
— []	— []	TEMPORARY PAVING
— []	— []	WHEELCHAIR RAMPS
NA	• S	EXISTING SPRINKLER HEAD
— []	NA	10 YEAR HYDRAULIC PROFILE
— []	NA	LIMITS OF CONSTRUCTION

GENERAL TRAFFIC NOTES

- CONTRACTOR MUST COMPLY WITH SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATOR A DETAILED CONSTRUCTION SEQUENCE INDICATING WHEN EACH SECTION OF ROADWAY IS TO BE AFFECTED BY CONSTRUCTION.
- THE CONTRACTOR MUST OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATOR 2 DAYS PRIOR TO EACH PHASE OF CONSTRUCTION.
- ALL ADVANCE LOCATIONS AND SIGN LOCATIONS WILL BE SELECTED IN THE FIELD AND APPROVED BY THE CITY'S PROJECT ENGINEER.
- A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ONE DIRECTION.
- EQUIPMENT AND MATERIALS ARE NOT TO BE STORED WITHIN THE STREET RIGHT-OF-WAY DURING NON-WORKING HOURS, OR WITHIN 15 FEET OF A TRAFFIC LANE.
- CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION COORDINATOR TO PROVIDE ACCESS SIGNS FOR BUSINESSES AFFECTED BY CONSTRUCTION.

SOUTHERN AVE. (BETWEEN SAN MATEO AND ORTIZ) NOTES

SOUTHERN BETWEEN SAN MATEO AND ORTIZ MUST REMAIN OPEN TO TRAFFIC AT ALL TIMES DUE TO THE LOCATION OF THE FIRE STATION ON THE NORTHWEST CORNER OF SOUTHERN AND ORTIZ. ONE WEEK PRIOR TO START OF CONSTRUCTION WORK ON ORTIZ, THE CONTRACTOR SHALL CONTACT THE FIRE DEPARTMENT AND COORDINATE CONSTRUCTION ACTIVITIES SO THAT ACCESS TO THE FIRE HOUSE IS MAINTAINED AT ALL TIMES.

*CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED".

WATERLINE REPLACEMENT NOTES

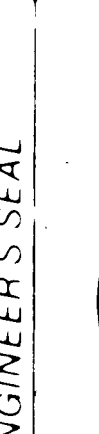
- ALL 6" REPLACEMENT WATER LINES SHALL BE BURIED WITH A MINIMUM OF 3' OF COVER.
- ALL SERVICE LINES ARE TO BE EXTENDED OR REPLACED WITH NEW LINES OF THE SAME SIZE AS THE METER.
- TEMPORARY WATER SERVICE IS TO BE PROVIDED FOR ANY RESIDENCE OR BUSINESS WHICH WILL BE OUT OF SERVICE MORE THAN FOUR HOURS.
- THE CONTRACTOR SHALL COORDINATE SHUT DOWN OF WATER SYSTEM ELEMENTS WITH WATER SYSTEMS DIVISION, PUBLIC WORKS DEPT. IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR SHALL FIELD VERIFY ALL WATERLINE CONNECTIONS TO EXISTING FACILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION TO ALLOW CORRECT ADAPTERS AND OTHER FITTINGS TO BE OBTAINED.

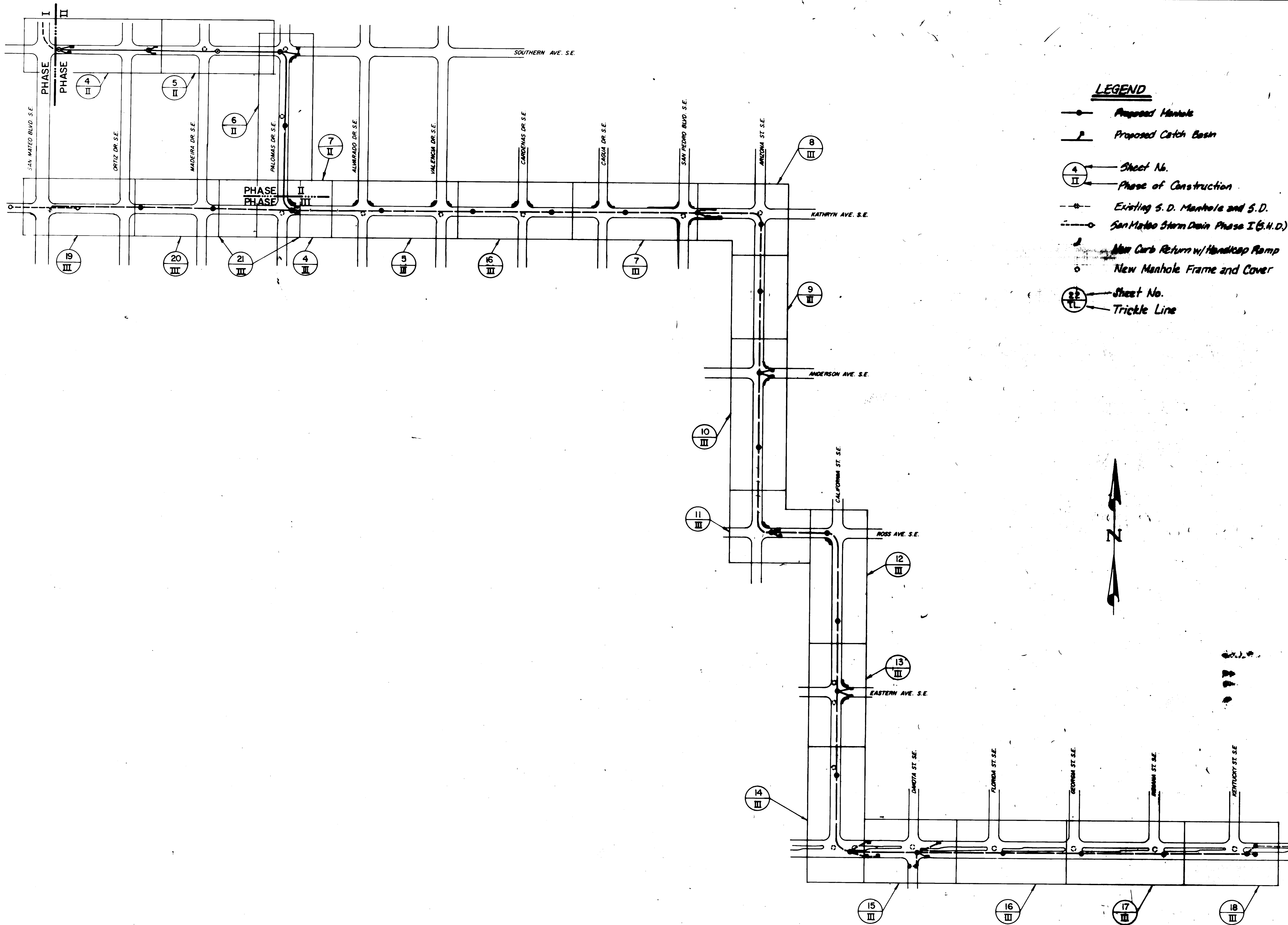
GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 AND THE PROJECT SPECIFICATIONS TITLED "SOUTH MATEO STORM DRAIN EXTENSION PHASE II". THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS CONTAIN THE CITY STANDARD DRAWINGS.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT THE ALBUQUERQUE UTILITY CENTER, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVING OR CURB AND GUTTER DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND SHALL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE SHALL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND SHALL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.
- THE LIMITS OF CONSTRUCTION SHOWN ON THE PLANS ARE AN APPROXIMATION TO SHOW AREAS OF ANTICIPATED PAVEMENT, CURB AND GUTTER AND/OR OTHER SURFACE REMOVAL. MAXIMUM TRENCH WIDTHS FOR PAYMENT PURPOSES SHALL CONFORM TO SPECIFICATION SECTION 701 OF THE SPECIFICATIONS. TRENCH BEDDING SHALL BE CLASS C.
- ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS SHALL BE MAINTAINED IN SERVICE. SHORING, SHEETING, AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS SHALL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES WHICH CROSS THE TRENCH. ANY DAMAGE TO EXISTING UTILITIES SHALL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE ENGINEER WILL BE IMMEDIATELY NOTIFIED OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.
- PRESSURE MANHOLE COVERS AS SHOWN ON THE PLANS SHALL BE NEENAH 1916-C1 OR APPROVED EQUAL. NO SEPARATE PAY ITEM.
- ALL MANHOLES STEPS SHALL BE 1/2" GRADE 60 STEEL REINFORCING ROD ENCAPSULATED IN A CO-POLYMER POLYPROPYLENE AS MANUFACTURED BY M.A. INDUSTRIES, INC. (MODEL #P-2-PFS) OR EQUAL. STEPS ARE NOT TO BE PRECAST IN PLACE BUT SHALL BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER AFTER THE MANHOLE HAS BEEN CONSTRUCTED. TOP TWO STEPS TO PROTRUDE 4 INCHES INTO MANHOLE, ALL OTHERS 5 INCHES. SPACING BETWEEN STEPS TO BE 16 INCHES O.C., FIRST STEP TO BE 18 INCHES FROM MANHOLE RIM, LAST STEP TO BE 18 INCHES MAXIMUM FROM BOTTOM. SEE DRAWING 2102 920.4.7 FOR STEP DETAIL. ALL STORM DRAIN MANHOLES SHALL HAVE STEPS.
- ALL MANHOLE COVERS, WATER VALVES, OR OTHER SERVICE ACCESS SHALL MATCH EXISTING GRADE OF PAVEMENT. ON UNPAVED SURFACES, THESE SHALL MATCH EXISTING GROUND SURFACES OR FINAL GRADES, WHICHEVER APPLIES.
- REFERENCES USED IN PREPARATION OF THESE PLANS INCLUDE THE ALBUQUERQUE MASTER DRAINAGE STUDY, BOHANNON-HUSTON, INC., JANUARY 1981; HIGHLAND DETENTION BASIN STUDY - PRELIMINARY DESIGN ANALYSIS, INCLUDING CALCULATIONS APPENDIX, LEEDSHILL-HERKENHOFF, INC., MARCH 1984; PRELIMINARY DESIGN ANALYSIS SOUTH SAN MATEO STORM DRAIN EXTENSION, LEEDSHILL-HERKENHOFF, INC., MARCH 1985; DESIGN ANALYSIS REPORT SECTIONS I-IV, FINAL DESIGN ANALYSIS V-VI, AND CALCULATIONS APPENDIX "A" (2 VOLUMES) KIRTLAND AIR FORCE BASE DETENTION BASINS, LEEDSHILL-HERKENHOFF, INC., JUNE 1984; PRELIMINARY DESIGN ANALYSES, COST ESTIMATES AND OUTLINE SPECIFICATIONS - SAN MATEO STORM DRAIN IMPROVEMENTS, PHASE III, GORDON HERKENHOFF AND ASSOCIATES, INC., JULY 1980; PRELIMINARY DESIGN ANALYSIS AND TECHNICAL SUPPLEMENT (2 VOLUMES) SAN MATEO STORM DRAIN EXTENSIONS, GORDON HERKENHOFF AND ASSOCIATES, INC., MARCH 1979. THESE ARE ON FILE WITH THE CITY OF ALBUQUERQUE ENGINEERING DIVISION.
- THE HYDRAULIC GRADE LINE SHOWN ON THE PLANS DEPICTS THAT OF THE ULTIMATE SYSTEM.
- PAVEMENT REPLACEMENT. ALL ASPHALT PAVEMENT REPLACEMENT SHALL BE IN ACCORDANCE WITH STD. DWG. 2465 ARTERIAL SECTION SHALL BE USED ON THE FOLLOWING STREETS:
SAN MATEO BLVD.
GIBSON BLVD.
SAN PEDRO BLVD.
KATHRYN AVE.
RESIDENTIAL SECTION SHALL BE USED ON ALL REMAINING STREETS. STD. DWG. 2405.
- THE CONTRACTOR IS TO COORDINATE UTILITY RELOCATIONS TO BE PERFORMED BY OTHERS DURING ALL PHASES OF CONSTRUCTION.
- RIM ELEVATIONS SHOWN FOR NEW MANHOLES ARE INTERPOLATED SURVEY DATA. MANHOLE RINGS AND COVERS SHALL MATCH FINISH GRADE OF PAVEMENT.
- ALL REFERENCE TO CURB AND GUTTER IS TO STANDARD CURB AND GUTTER UNLESS OTHERWISE NOTED.
- DRIVEPADS THAT ARE IN AN AREA OF RECONSTRUCTION THAT ARE BLOCKED OR NOT BEING USED SHALL BE CLOSED DURING THE RECONSTRUCTION.
- DRIVEPADS THAT ARE TO BE RECONSTRUCTED SHALL MEET THE 6.5' MINIMUM DEPTH REQUIREMENT PER ALBUQUERQUE STANDARD DRAWING 2425 UNLESS RIGHT-OF-WAY IS UNAVAILABLE.
- PIPE AND FITTINGS FOR WATER LINE REPLACEMENTS SHALL BE PLASTIC PIPE, ASBESTOS-CEMENT PIPE, CONCRETE CYLINDER PIPE, OR DUCTILE IRON PIPE PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION 1986.
- EXISTING SANITARY SEWER MANHOLES WITH LIGHT-WEIGHT, VENTED, MULTI-HOLED MANHOLE COVERS SHALL BE UPGRADED PER THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION 1986 WHEN ENCOUNTERED IN THE CONSTRUCTION AREA. THIS WORK INCLUDES REPLACING THE EXISTING MANHOLE FRAME AND COVER, PLACING THE CONCRETE PAD AROUND THE EXISTING MANHOLE AND REPLACING ADJOINING ASPHALT PAVEMENT.
- RIGHT-OF-WAY SHOWN IS APPARENT RIGHT-OF-WAY DETERMINED FROM PLAT MAPS AND LOCATED PROPERTY TIES.

BENCH MARKS (CONT'D.)

② 13-L-18: Aluminum Tablet, stamped "ACS, 13-L 18, 1984", set flush w/ top of curb at SW Corner of intx. of San Pedro Blvd. S.E. and Kathryn Ave. S.E. Elev. = 5302.302

ENGINEER'S SEAL				SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
				FIELD NOTES		DATE		① 12-L 18: Aluminum Tablet, stamped "ACS, 12-L 18, 1984", set flush w/ top of curb at NE Corner of intx. of San Mateo Blvd. S.E. and Kathryn Ave. S.E. Elev. = 5329.610	
				NO.	BY	DATE			



LEGEND

- Proposed Manhole
- Proposed Catch Basin
- ④ II Sheet No.
- ④ II Phase of Construction
- Existing S.D. Manhole and S.D.
- San Mateo Storm Drain Phase I (S.H.D.)
- ▲ New Curb Return w/Handicap Ramp
- New Manhole Frame and Cover
- ④ II Sheet No.
- ④ II Trickle Line

NOTE:
Phase II and Trickle Line Not Part of This Contract.

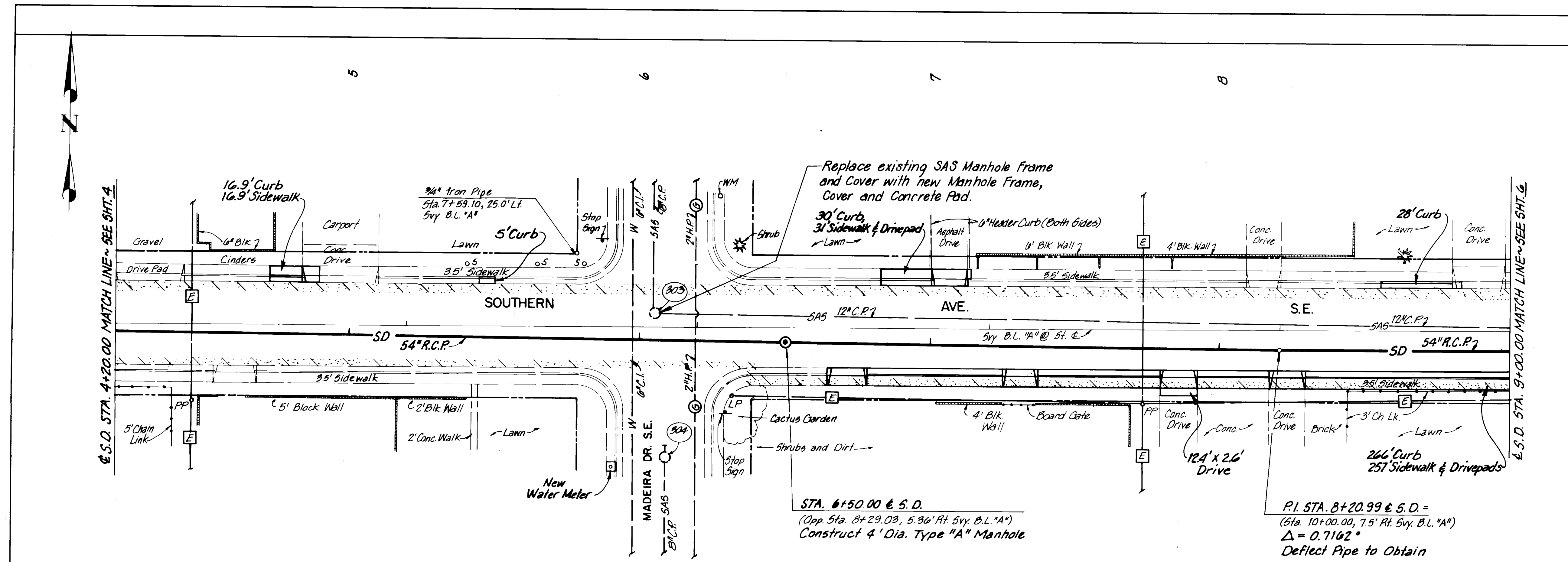
SHEET INDEX MAP
SCALE: 1"=200'

RECORD DRAWING

Date JUN 13 1995
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for errors or omissions which may appear in the record document as a result thereof.

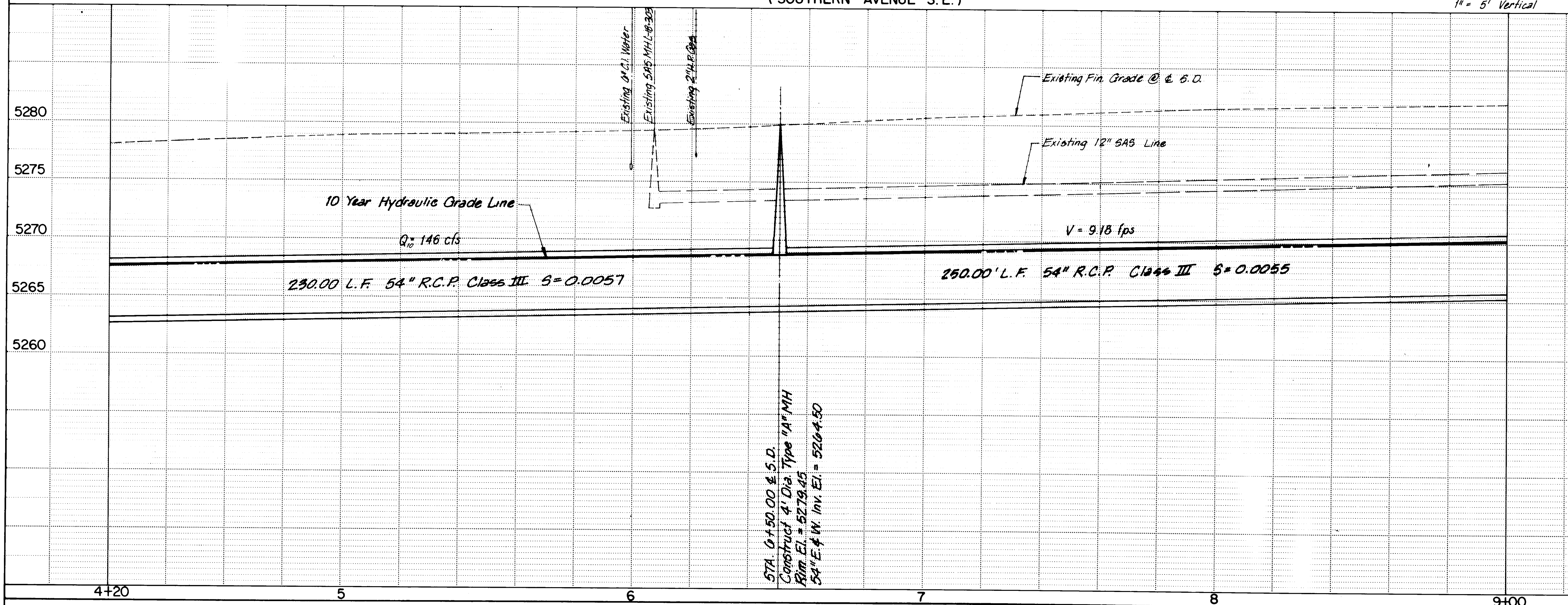
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: SOUTH SAN MATEO STORM DRAIN EXTENSION-PHASE-II SHEET INDEX MAP					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	R.W. Kane	12/6/89	Liquid Waste	R.W. Kane	12/6/89
A.C.E. Design	"	"	Traffic	R.W. Kane	12/6/89
A.C. E-Hydrology	R.W. Kane	12/6/89	Water	R.W. Kane	12/6/89
DRAWING NO.	2712	MAP NO.	L-18	SHEET	3 OF 10

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	R. Blazey Earthmoving	NO.	DATE	NO.	DATE		
WORK BY	City of Albuquerque	DATE	DATE	DATE	DATE		
INSPECTED BY	City of Albuquerque	DATE	DATE	DATE	DATE		
VERIFICATION BY	City of Albuquerque	DATE	DATE	DATE	DATE		
CONCORDED BY	L-H	DATE	DATE	DATE	DATE		
MICRO-FILM INFORMATION		DATE	DATE	DATE	DATE		
RECORDED BY		DATE	DATE	DATE	DATE		
NO.		DATE	DATE	DATE	DATE		



SOUTH SAN MATEO STORM DRAIN EXTENSION (SOUTHERN AVENUE S.E.)

SCALES:
1" = 20' Horizontal
1" = 5' Vertical



EXISTING MANHOLE DATA

SAS M.H. L-18-303
Sta. 7+85.00, 5.3' Lt. Svy. B.L. "A"
Exist. Rm. El. = 78.90
18" N. Inv. El. = 78.08
12" E. Inv. El. = 78.00

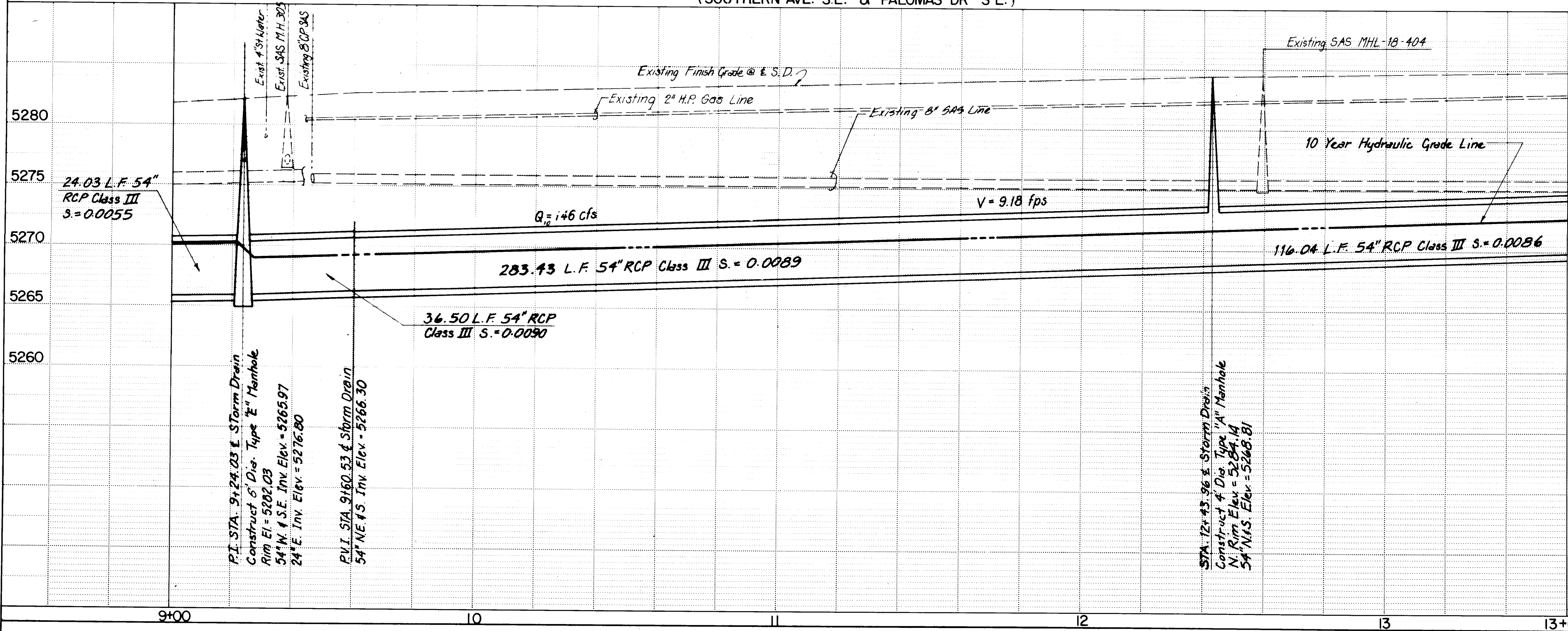
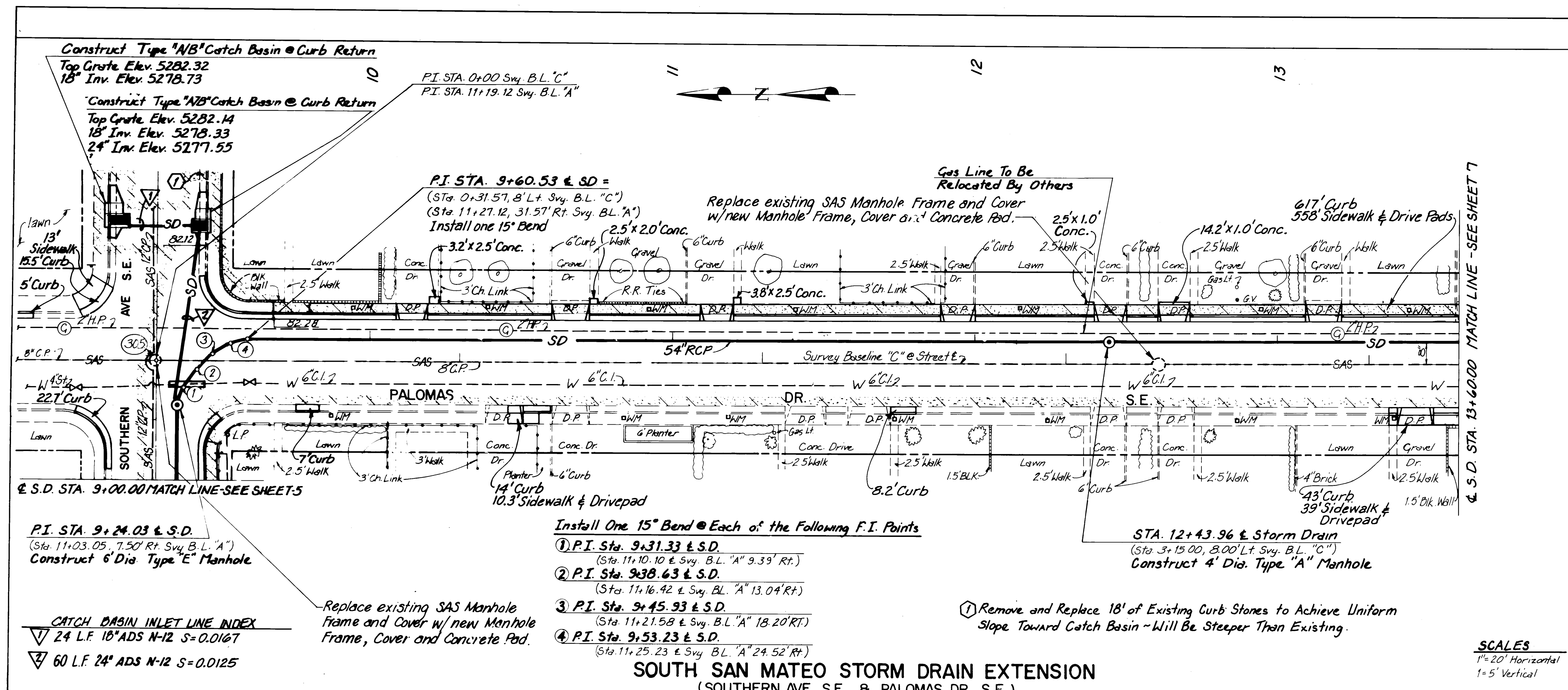
SAS M.H. L-18-304
Sta. 7+89.00, 49.5' Rt. Svy. B.L. "A"
Exist. Rm. El. = 79.24
8" N. Inv. El. = 75.04 ~ Stub
8" S. Inv. El. = 74.82

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	R. Eliahy, Earthmoving	See Sheet 2 for Bench Mark Datum		FIELD NOTES			
STAKED BY	City of Albuquerque			BY			
INSPECTED BY	City of Albuquerque			DATE			
FIELD				NO.			
REVISIONS							
CORRECTED BY	L. H.						
MICRO-FILM							
RECORDED BY							
DATE							
NO.							

RECORD DRAWING
Date: JUN 12 1990

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: SOUTH SAN MATEO STORM DRAIN EXTENSION-PHASE II (SOUTHERN AVENUE S.E.) (STA. 4+20 TO STA. 9+00)					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	R. W. Kone	12/6/89	Liquid Waste	R. W. Kone	12-6-89
A.C.E. - Design	"	"	Traffic	R. W. Kone	12-6-89
A.C.E. - Hydrology	"	"	Water	R. W. Kone	12-6-89



EXISTING MANHOLE DATA

SAS MHL-18-404
Sta. 3+31.00, 2 Svy. B.L. "C"
Existing Rim El. = 84.31
8' N. Inv. El. = 75.56
8' S. Inv. El. = 75.54

SAS MHL-18-305
Sta. 11+18.60, 1.1 Lt. Svy. B.L. "A"
Existing Rim El. = 82.02
8' N. Inv. El. = 76.73
8' S. Inv. El. = 76.73

AS BUILT INFORMATION

CONTRACTOR R. Pinyan Engineering
WORK STATED BY City of Albuquerque DATE June 90
FIELD ACCEPTANCE BY City of Albuquerque DATE June 90
DRAWINGS CORRECTED BY L.H. DATE June 90
MICRO-FILM INFORMATION
RECORDED BY NO DATE

BENCH MARKS

See Sheet 2 for Bench Mark Stationing

SURVEY INFORMATION

FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

REVISIONS
NO. DATE
DESIGNED BY SLB
DRAWN BY KLD
CHECKED BY CD
DATE NOV 1985
DATE NOV 1985
DATE NOV 1985

RECORD DRAWING

Date JUN 12 1986

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be true, the Engineer will not be liable for errors or omissions which may appear in the record document as a result thereof.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

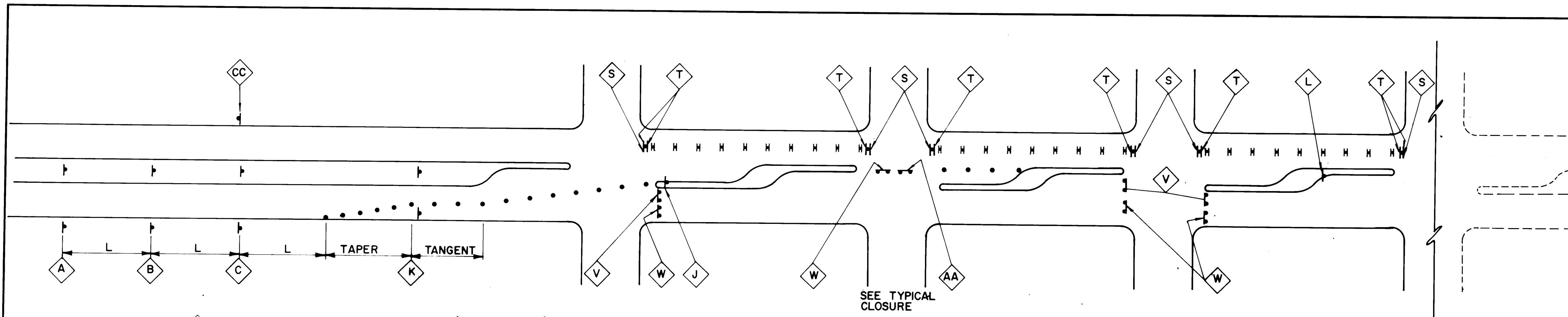
TITLE: SOUTH SAN MATEO STORM DRAIN EXTENSION-PHASE II
STORM DRAIN PLAN AND PROFILE
SOUTHERN AVE. S.E. & PALOMAS DR. S.E.
(STA. 9+00 TO STA. 13+60)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	R. W. Kane	12/6/89	Liquid Waste	R. W. Kane	12/6/89
A.C.E.-Design	"	"	Traffic	R. W. Kane	12/6/89
A.C.E.-Hydrology	R. W. Kane	12/6/89	Water	R. W. Kane	12/6/89

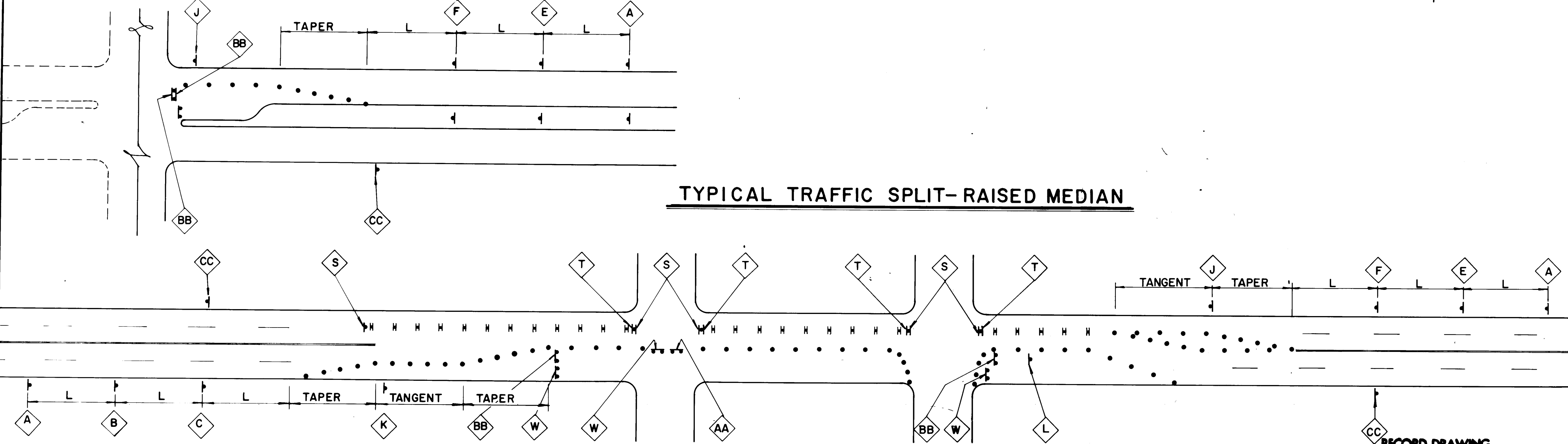
DRAWING NO. 2712

MAP NO. L-18N

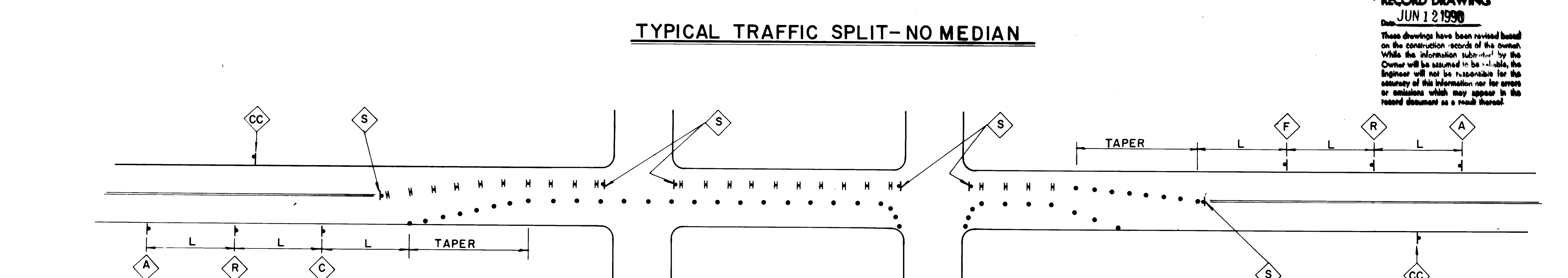
SHEET 6 OF 10



TYPICAL TRAFFIC SPLIT-RAISED MEDIAN



TYPICAL TRAFFIC SPLIT-NO MEDIAN

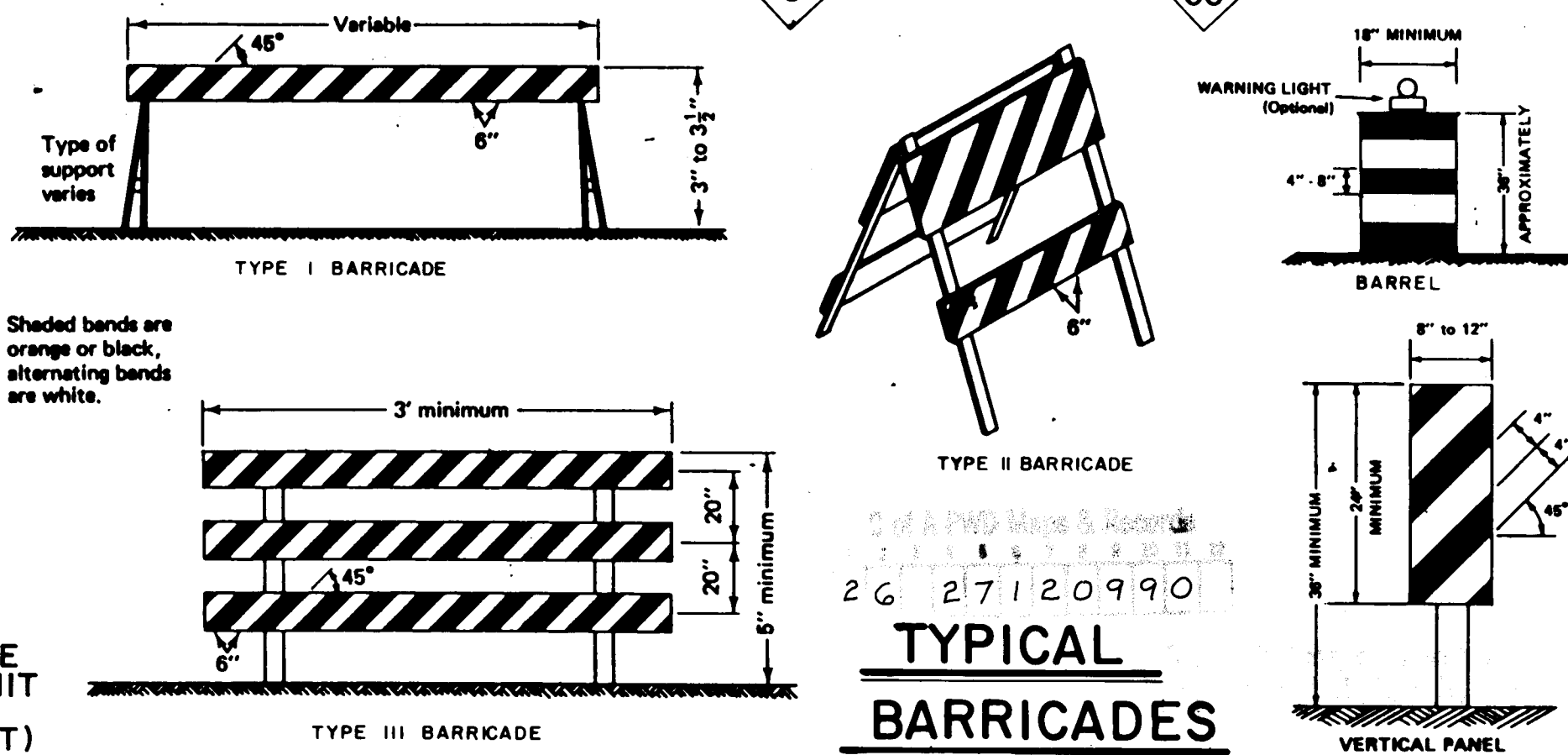


TYPICAL SHOE FLY SPLIT

NOTE: SEE SHEET 2 FOR GENERAL TRAFFIC NOTES.

SPEED LIMIT (M.P.H.)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10 FOOT LANE	11 FOOT LANE	12 FOOT LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

- LEGEND**
- ... BARRICADE - TYPE I, TYPE II, OR A BARREL
 - SIGN
 - VERTICAL PANEL
 - BARRICADE - TYPE III
 - L DISTANCE BETWEEN ADVANCE SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT
 - S SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT
 - T TANGENT - TANGENT LENGTH = TAPER LENGTH (SEE CHART)



AS BUILT INFORMATION

CONTRACTOR: R. Alvarado, Earthmoving

WORK STARTED BY: City of Albuquerque, DATE: June 90

FIELD ACCEPTANCE BY: City of Albuquerque, DATE: June 90

DRAWINGS CORRECTED BY: L.H., DATE: June 90

MICRO-FILM INFORMATION

RECORDED BY: DATE:

BENCH MARKS

SEE SHEET 2 FOR BENCH MARK DETAILS.

SURVEY INFORMATION

FIELD NOTES BY: DATE:

ENGINEER'S SEAL

NO. BY DATE

REMARKS

DESIGN

DESIGNED BY: K. Broderick, DATE: Nov 1985

DRAWN BY: J.L.B., DATE: Nov 1985

CHECKED BY: C.D., DATE: Nov 1985

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING GROUP

TITLE: SOUTH SAN MATEO STORM DRAIN EXTENSION-PHASE II

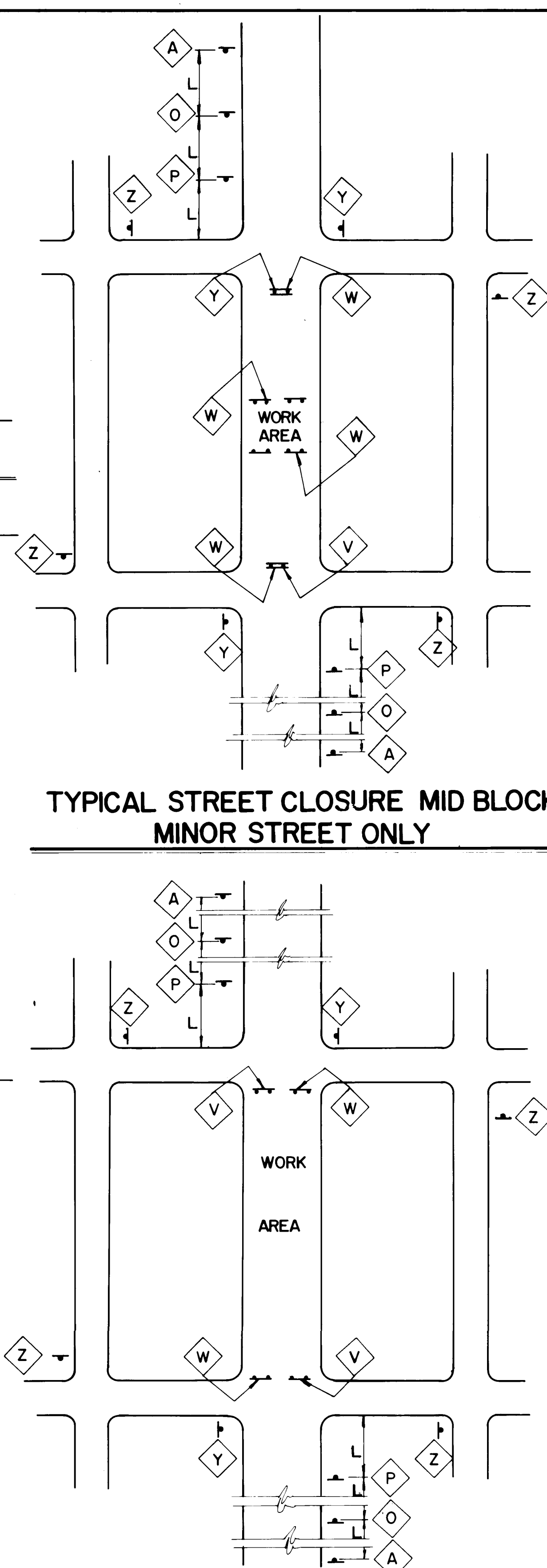
TRAFFIC CONTROL PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12/6/89	Liquid Waste	R.W. Kane	12/6/89
A.C.E. Design	<i>[Signature]</i>	12/6/89	Traffic	R.W. Kane	12/6/89
A.C.E. Hydrology	<i>[Signature]</i>	12/6/89	Water	R.W. Kane	12/6/89

DRAWING NO. **2712**

MAP NO. **L-18S**

SHEET **9** OF **10**

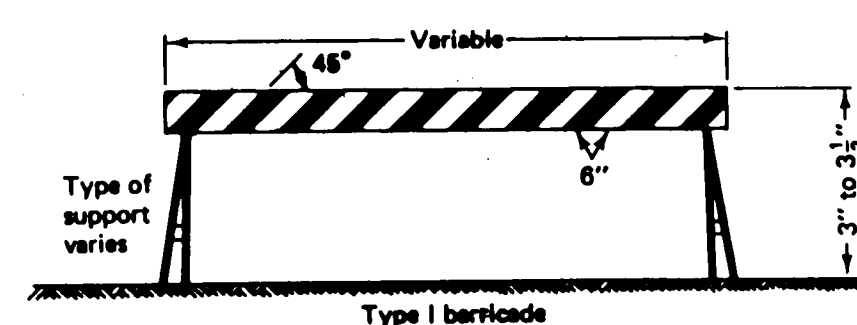


SEE SHEET 2 FOR GENERAL
TRAFFIC NOTES

SPEED LIMIT (M.P.H.)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10 FOOT LANE	11 FOOT LANE	12 FOOT LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

LEGEND

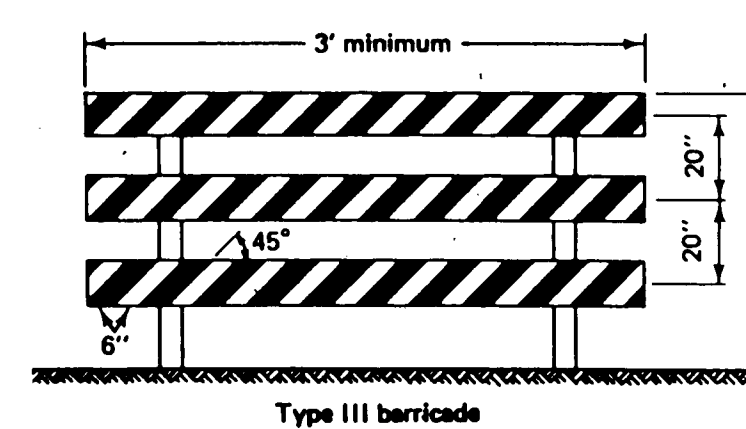
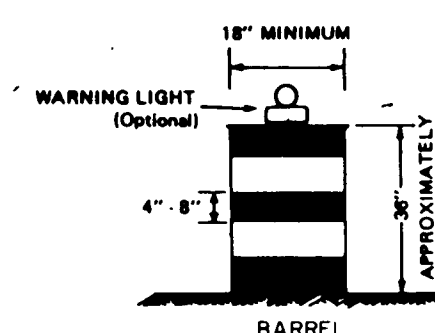
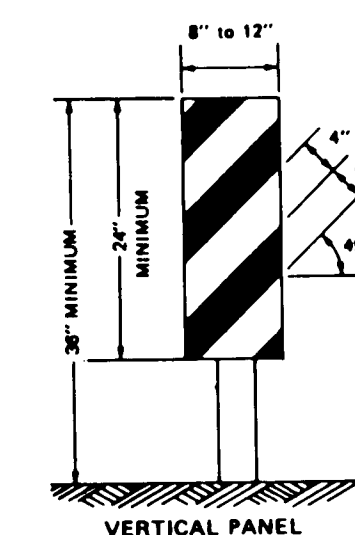
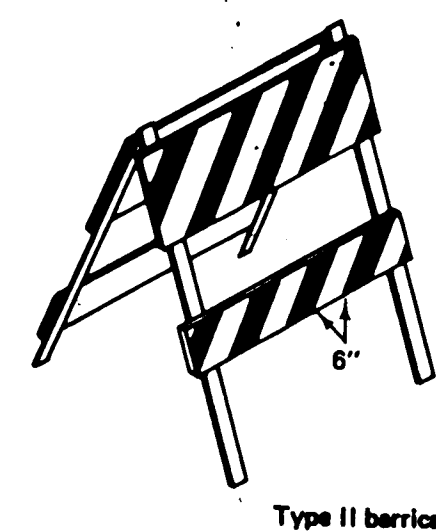
- | | |
|---|--|
| • • • | BARRICADE - TYPE I, TYPE II, OR A BARREL |
|  | SIGN |
|  | VERTICAL PANEL |
|  | BARRICADE - TYPE III |
| L | DISTANCE BETWEEN ADVANCE SIGNS- A DISTANCE MEASURED IN FEET EQUAL TO TEN TIMES THE SPEED LIMIT |
| S | SPACING BETWEEN BARRICADES - MAXIMUM SPACING TO BE A VALUE MEASURED IN FEET EQUAL TO THE SPEED LIMIT |
| T | TANGENT - TANGENT LENGTH = TAPER LENGTH (SEE CHART) |



Note: Shaded bands are orange or black, alternating bands are white.

RECORD DRAWING

DATE JUN 12 1990
These drawings have been revised based on the construction records of the Owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information, nor for errors or omissions which may appear in the record document as a result thereof.

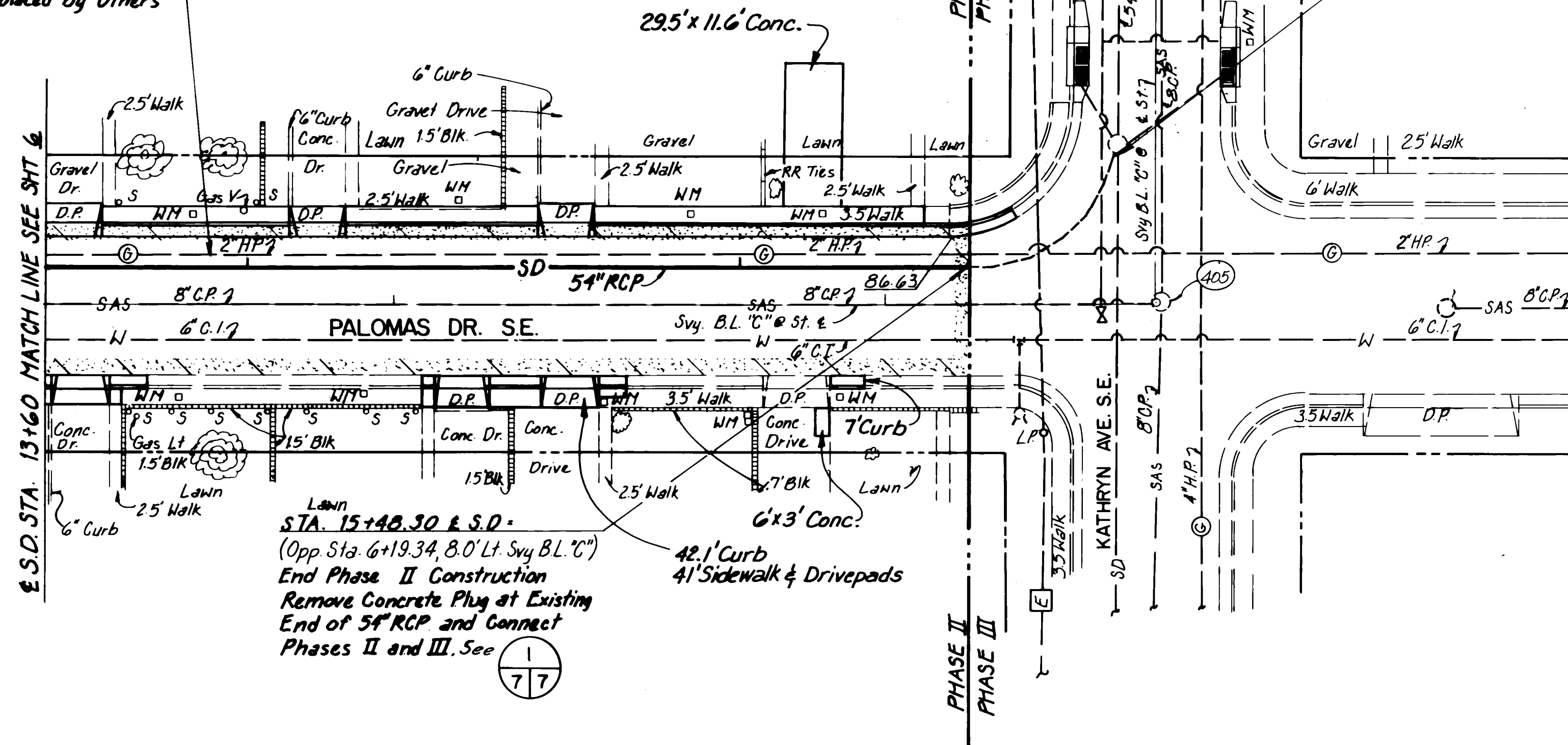


TYPICAL STREET CLOSURE MINOR STREET ONLY

[illegible]

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: SOUTH SAN MATEO STORM DRAIN EXTENSION-PHASE II					
TRAFFIC CONTROL PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	12-2-97	Liquid Waste	<i>R.W. Kane</i>	12-6-97
A.C.E. Design	<i>u</i>	<i>u</i>	Traffic	<i>R.W. Kane</i>	12-6-97
A.C. E-Hydrology	<i>[Signature]</i>	12/6/97	Water	<i>R.W. Kane</i>	12-6-97
DRAWING NO. 2712		MAP NO. 1-18		SHEET 10 OF 10	

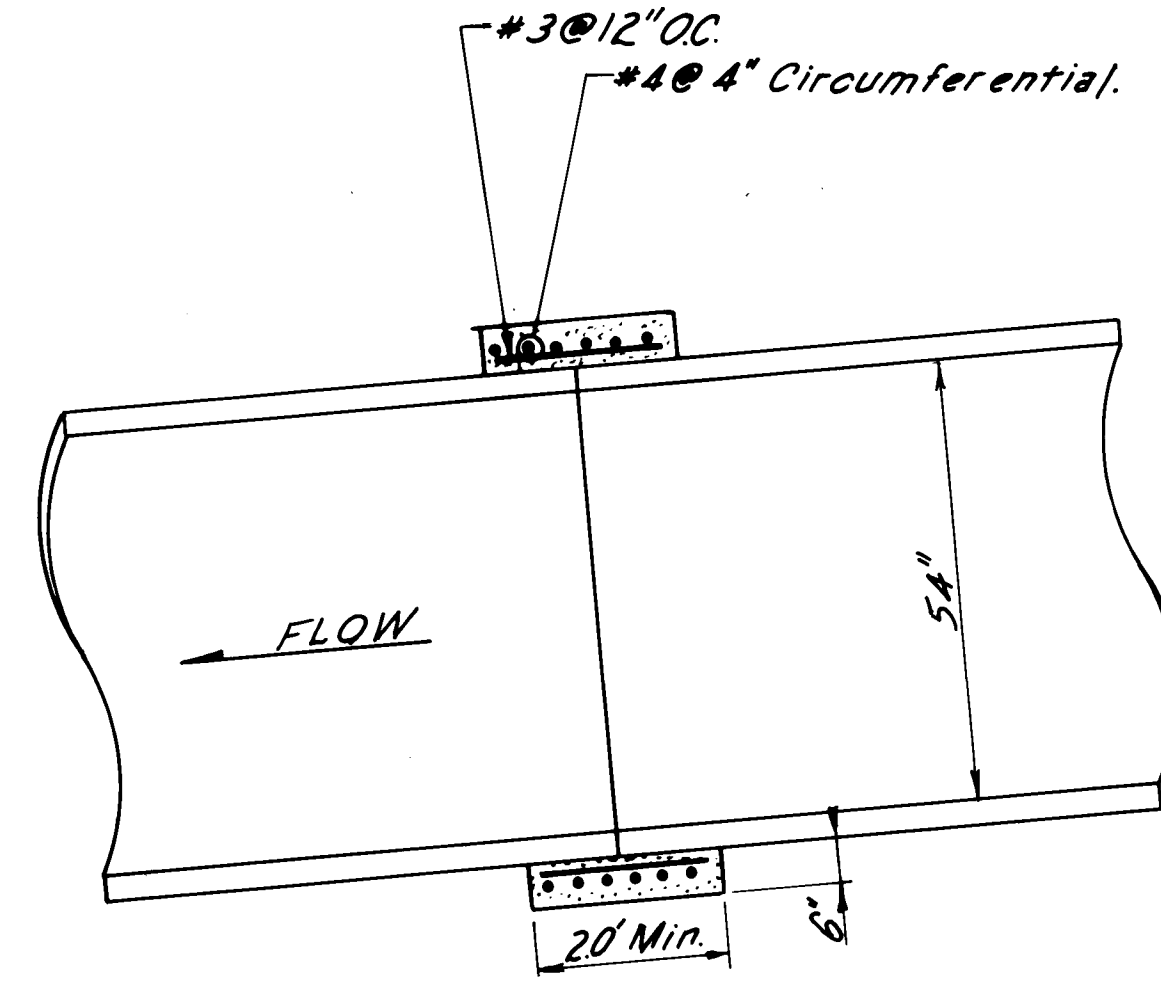
Gas Line to Be Removed
and Replaced by Others



Remove Concrete Plug
From 54\"/>

Use Collar if water tight
joint cannot be achieved due
to removal of existing plug.

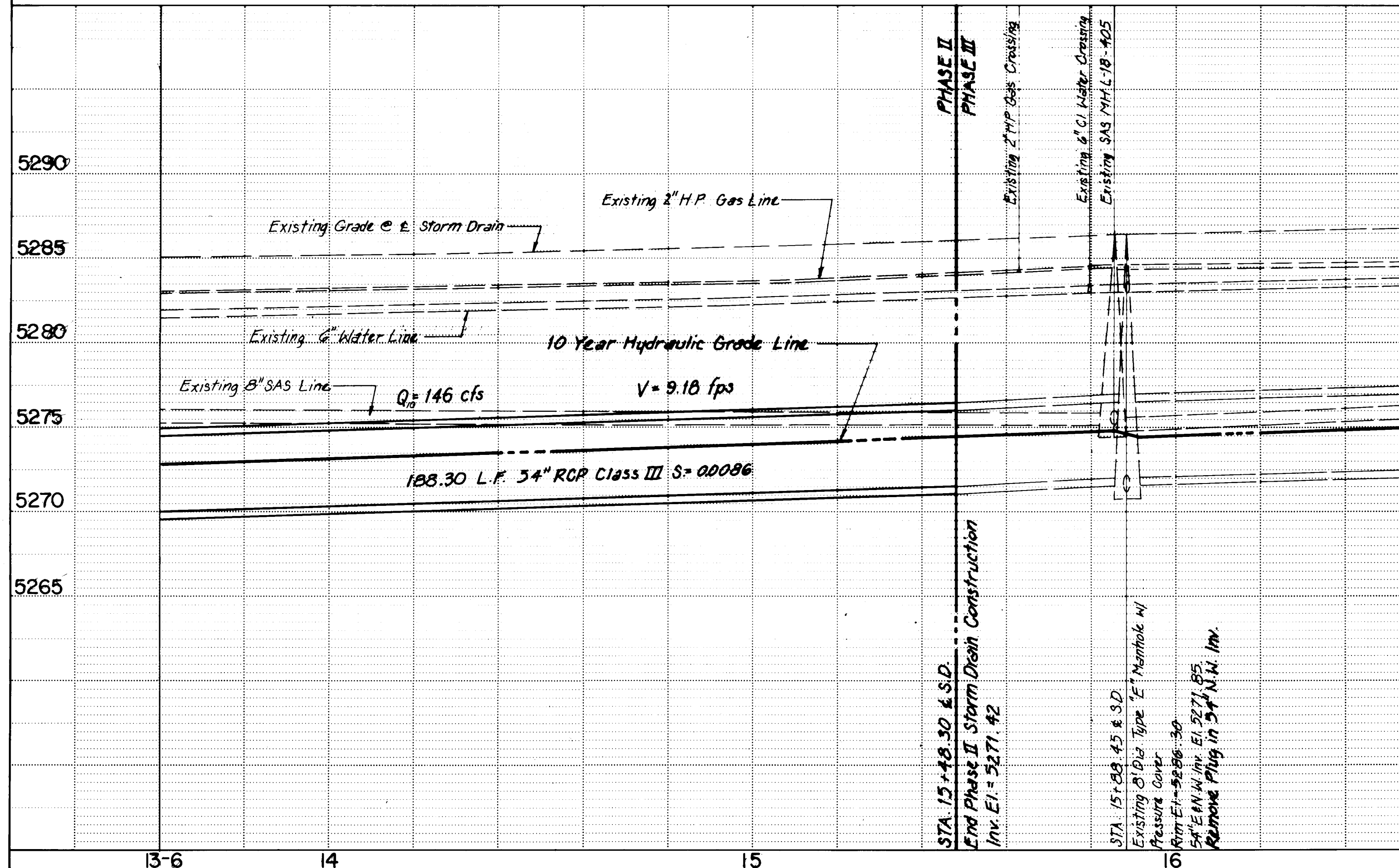
Break out concrete and
overlap wire mesh min. of 6\"/>



DETAIL - COLLAR CONNECTION

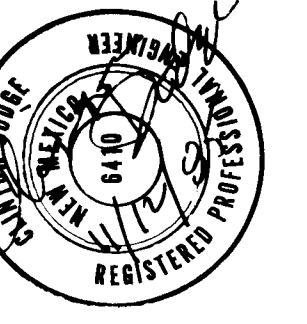
SOUTH SAN MATEO STORM DRAIN EXTENSION
(PALOMAS DR AND KATHRYN AVE. S.E.)

SCALES
1" = 20' Horizontal
1" = 5' Vertical



EXISTING MANHOLE DATA

SAS MH L-18-405
(Pl. Sta. 6+55.06+1.20; 0.2' Rt. Svy. B.L. 'C')
Existing Rim El.=85.81
8' N. Inv. El.=74.72
8' S.E. Inv. El.= 74.86 (Plugged)
8' E. Inv. El.= 74.58
8' W. Inv. El.= 74.48

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR R. Pitney, Earthmoving	DATE June 90	See Sheet 2 for Bench Mark Datum		FIELD NOTES	DATE		
INSPECTOR'S City of Albuquerque	DATE June 90			BY			
ACCEPTANCE City of Albuquerque	DATE June 90			NO.			
DESIGNED BY City of Albuquerque	DATE June 90						
CHECKED BY L.H.	DATE June 90						
RECORDED BY	DATE						
NO.							

26 2711 26790

RECORD DRAWING

DATE JUN 12 1990

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
TITLE: SOUTH SAN MATEO STORM DRAIN EXTENSION-PHASE II
STORM DRAIN PLAN AND PROFILE
PALOMAS DR. S.E. & KATHRYN AVE. S.E.
(STA. 13+60 TO STA. 15+48.30)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	R. W. Kane	12/4/89	Liquid Waste	R. W. Kane	12-6-89
A.C.E.-Design			Traffic	R. W. Kane	12-6-89
A.C.E.-Hydrology			Water	R. W. Kane	12-6-89

DRAWING NO. 2712 MAP NO. L-18-N SHEET 7 OF 10



GENERAL NOTES

- TRIAL SHUT-OFF ACCOMPLISHED 12-19-89
NO PROBLEMS FOUND.

FIELD OPERATIONS-WATER SYSTEMS

JUN 12 1990

These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

SCALE: 1" = 400'

LEGEND

- _____ WATER DISTRIBUTION LINE
 - - - - - WELL LINE
 ○ GATE VALVE
- FIRE HYDRANT
 (28) FIRE HYDRANT NUMBER
 342 VALVE NUMBER

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: SOUTH SAN MATEO STORM DRAIN EXTENSION PHASE II WATER VALVE SHUTOFF PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>Reginald Kane</i>	<i>12/6/99</i>	Liquid Waste	<i>R.W. Kane</i>	<i>12-6-99</i>
A.C.E. Design	<i>II</i>	<i>"</i>	Traffic	<i>R.W. Kane</i>	<i>12-6-99</i>
A.C.E.-Hydrology	<i>John R. King</i>	<i>12/6/99</i>	Water	<i>R.W. Kane</i>	<i>12-6-99</i>
DRAWING NO. 2712		MAP NO. L-18		SHEET 8 OF 10	