

- SANITARY SEWER SYSTEM**
1. ALL STATIONING IS BASED ON STREET CENTERLINE.
 2. ALL SEWER PIPE SHALL BE EXTRA STRENGTH VCP.
 3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
 4. ALL MANHOLES SHALL BE 4-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-2-3 UNLESS OTHERWISE NOTED.
 5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISKS AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-9. EMD SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 131 OF THE CITY OF ALBUQUERQUE "CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAVING NO. 31".
 6. CONTRACTOR SHALL CONCRETE ENCASE THE SEWER PIPE 10 FEET EACH SIDE OF THE WATER LINE IF THE VERTICAL CLEARANCE DOES NOT EXCEED 3'0" WHERE THE SEWER AND WATER LINES CROSS.
- WATER DISTRIBUTION SYSTEM**
7. WATER MAIN SHALL BE DUCTILE IRON PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.
 8. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF CURB TO TOP OF PIPE).
 9. WATER LINE SHALL BE LOCATED 10'0" FROM AND PARALLEL TO STREET CENTER LINE UNLESS OTHERWISE NOTED.
 10. ELECTRONIC MARKER DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 131 OF THE CITY OF ALBUQUERQUE "CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAVING NO. 31".
 11. ALL STATIONING IS BASED ON STREET CENTERLINE.

AS BUILT INFORMATION		BENCH MARKS		FIELD NOTES		ENGINEER'S SEAL		REMARKS	
CONTRACTOR	DATE	WORK BY	DATE	NO.	BY	NO.	DATE	NO.	DATE
INSPECTOR	DATE	FIELD	DATE						
APPROVED BY	DATE	INSTRUMENT	DATE						
RECORDED BY	DATE	OF COOKS ROAD	ELEV: 5094.25 FEET (MSLD)						
NO.									

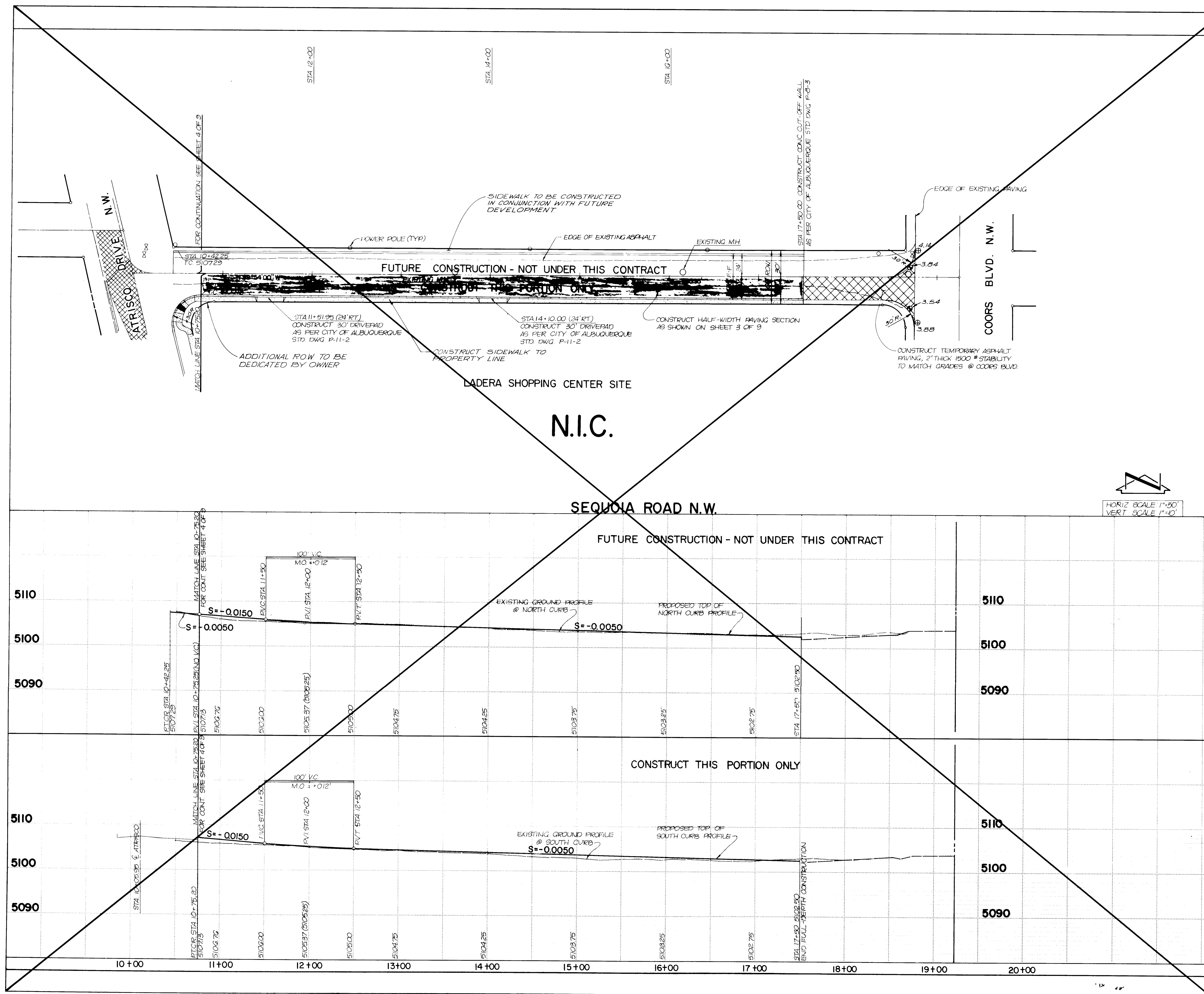
26 1551 038.3

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: SEQUOIA RD. N.W. PHASE I
UTILITY IMPROVEMENTS PLAN & PROFILE
STA. 10+00 TO 20+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
CITY Engineer	W. J. Davis	12/1/82	Liquid Waste	M. J. Jones	12/1/82
A.C. Design			Traffic		
A.C. Hydrology			Water	M. J. Jones	12/1/82

DRAWING NO. 1551 MAP NO. G-11 SHEET 8 OF 9



STREET PAVING IMPROVEMENTS

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON CENTERLINE STATIONING.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAW-CUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGE OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.

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CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:	SEQUOIA RD. N.W. PHASE PAVING IMPROVEMENTS PLAN & PROFILE STA. 10+00 TO 17+50
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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	NA out		Liquid Waste	NA Jan 1	22 Nov 1991
A.C.E - Design	CE		Traffic		
A.C.E - Hydrology			Water	NA Jan 1	22 Nov 1991

DRAWING NO.	1551	MAP NO.	G-11	SHEET	5	OF	9
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• L E G E N D •

MATERIALS

CONCRETE	
RIP-RAP	

LINES

SUBDIVISION BOUNDARY	
PROPERTY LINE (PLAN)	
PROPERTY LINE (SECTION)	
CENTERLINE	
EASEMENT LINE	
MATCH LINE	
SECTION CUT LINE	

EARTHWORK

	EXISTING	NEW
CONTOUR LINE		
SPOT ELEVATION		
PROJECT / PHASE BOUNDARY		
SWALE		
DIRECTION OF FLOW		

MISCELLANEOUS UTILITIES

GAS LINE		
UNDERGROUND TELEPHONE		
UNDERGROUND ELECTRICAL		
STORM DRAIN		
STORM DRAIN MANHOLE		
STORM DRAIN INLET		

SANITARY SEWER

SANITARY SEWER LINE		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTIONS		
SAS CAP OR PLUG		
ENCASEMENT		

WATER

WATER LINE		
WATER SERVICE CONNECTIONS		
GATE VALVE		
FIRE HYDRANT		
BUTTERFLY VALVE		
REDUCER		
WATER PRESSURE ZONE BOUNDARY		

WATER FITTINGS

CAPS AND PLUGS		
ELBOW		
CROSS		
TEE		

MISCELLANEOUS

CHAINLINK FENCE		
FIELD FENCE		
COMMON YARD WALL		
RETAINING WALL		
POWER OR TELEPHONE POLE		

PHASE I

CONSTRUCTION PLANS

FOR

ATRISCO DR. N.W.,
SEQUOIA RD. N.W.,

AND

REDLANDS RD. N.W.

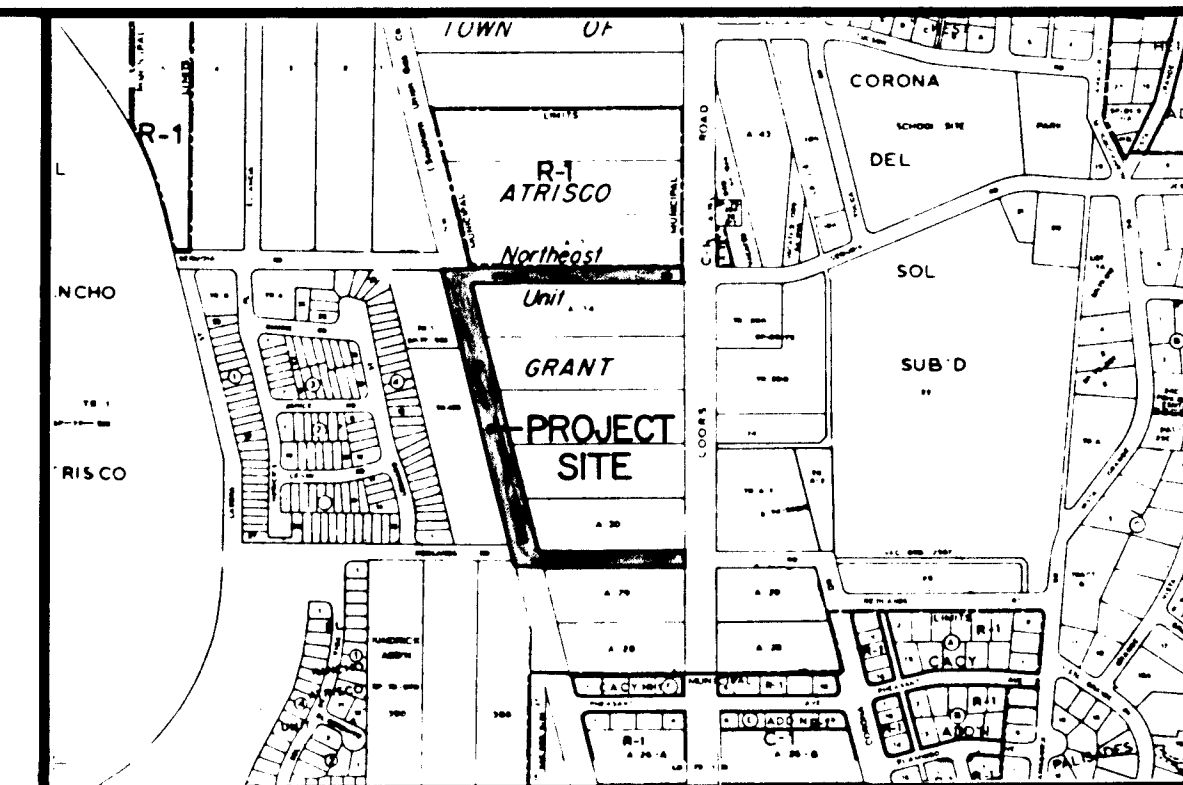
ALBUQUERQUE, NEW MEXICO

SEPTEMBER, 1982

• INDEX OF DRAWINGS •

SHEET NO.	DESCRIPTION
1	TITLE, INDEX, LEGEND & GENERAL NOTES
2	PLAT
3	PAVING & UTILITY IMPROVEMENTS SITE PLAN
4	PAVING IMPROVEMENTS PLAN & PROFILE
5	ATRISCO DRIVE (NOT IN CONTRACT)
6	SEQUOIA ROAD (NOT IN CONTRACT)
7	REDLANDS ROAD (NOT IN CONTRACT)
8	UTILITY IMPROVEMENTS PLAN & PROFILE
9	ATRISCO DRIVE (NOT IN CONTRACT)
10	SEQUOIA ROAD (NOT IN CONTRACT)
11	REDLANDS ROAD

NOTE: THIS SET OF PLANS IS FOR PHASE I ONLY, TO INCLUDE ONLY THE CONSTRUCTION OF THE REDLANDS ROAD WATERLINE AND 1-4" SEWER SERVICE. THE REMAINING UTILITY AND PAVING IMPROVEMENTS ARE NOT A PART OF THIS CONTRACT.



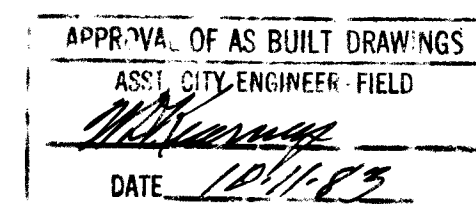
VICINITY MAP

SCALE 1"=800'

G-II

GENERAL NOTES:

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1979 EDITION (REFERRED TO HEREIN AS THE STANDARD SPECIFICATIONS) AND THE CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAVING NO. 31.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- THE CONTRACTOR MUST SUBMIT A CONSTRUCTION SIGNING AND BARRICADING PLAN TO TRAFFIC ENGINEERING TO RECEIVE A BARRICADING PLAN PRIOR TO CONSTRUCTION.



26 1551 0183

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

		APPROVED FOR CONSTRUCTION Richard S. White 12/1/82 C.E.
DRAWING NO. 1551		SHEET 1 OF 9

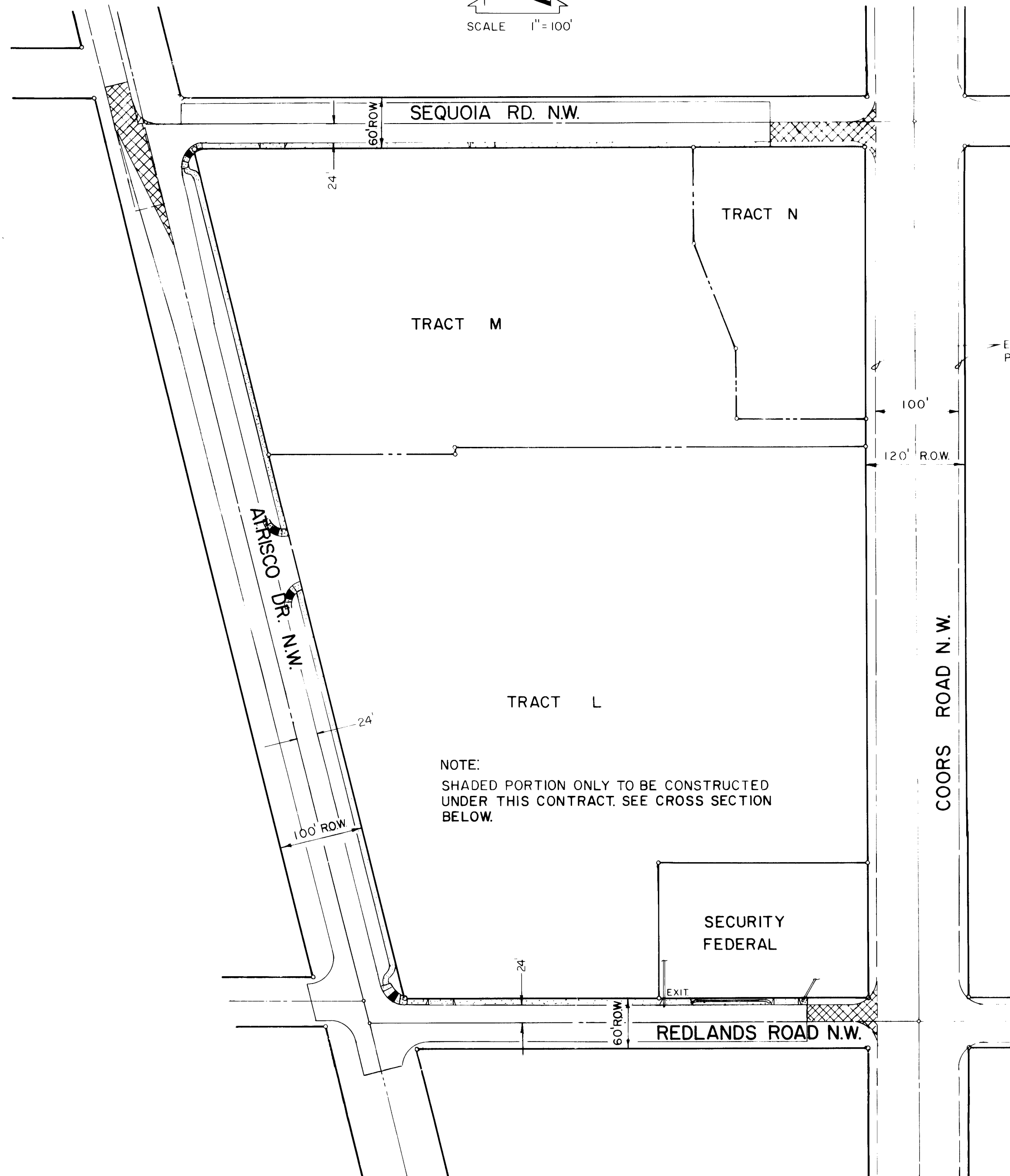
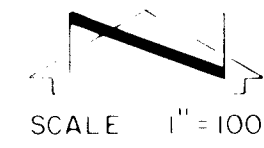
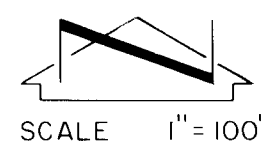
APPROVED FOR
CONSTRUCTION

NA

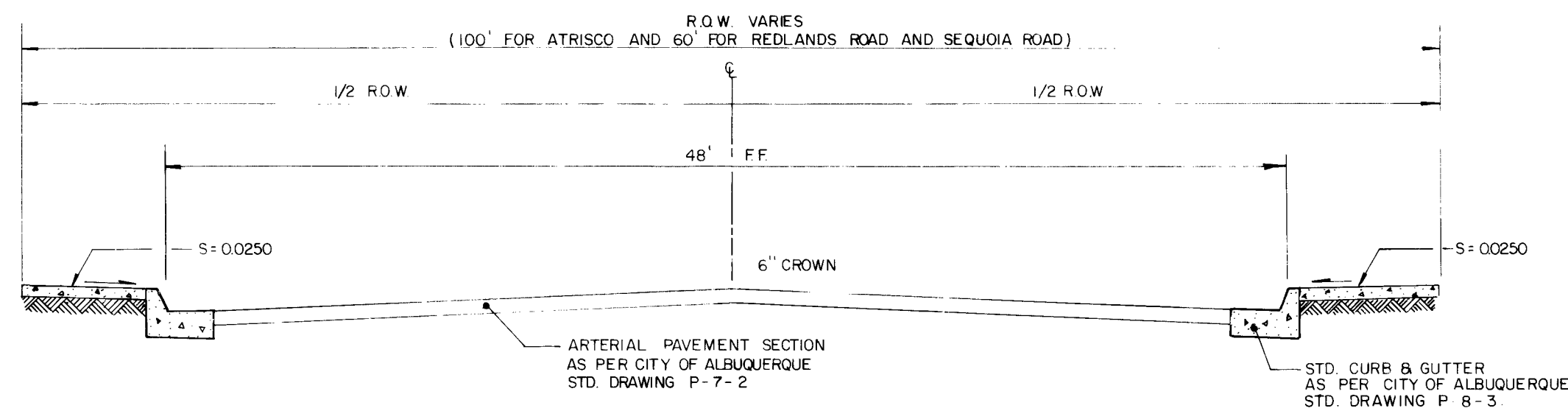
CITY ENGINEER DATE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: PHASE I ATRISCO DR., SEQUIOIA RD., REDLANDS DR. AMENDED SUMMARY PLAT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N.H. Jones	12 Nov 1980
A.C.E - Design			Traffic		
A.C.E - Hydrology			Water	N.H. Jones	22 Nov 1980
DRAWING NO.	[55]			SHEET	OF 2 9

[illegible]



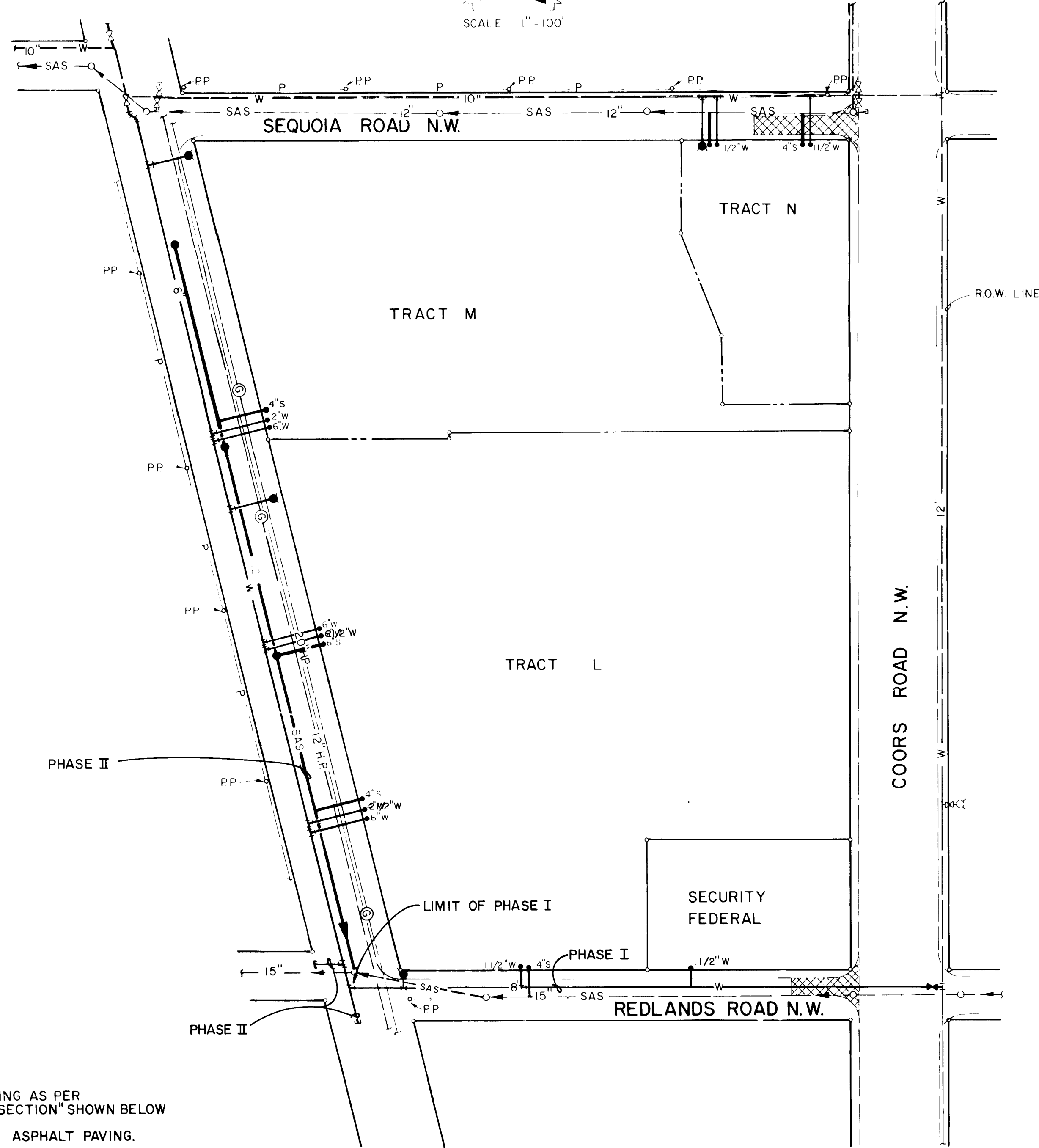
PAVING SITE PLAN
(NOT PART OF THIS CONTRACT)



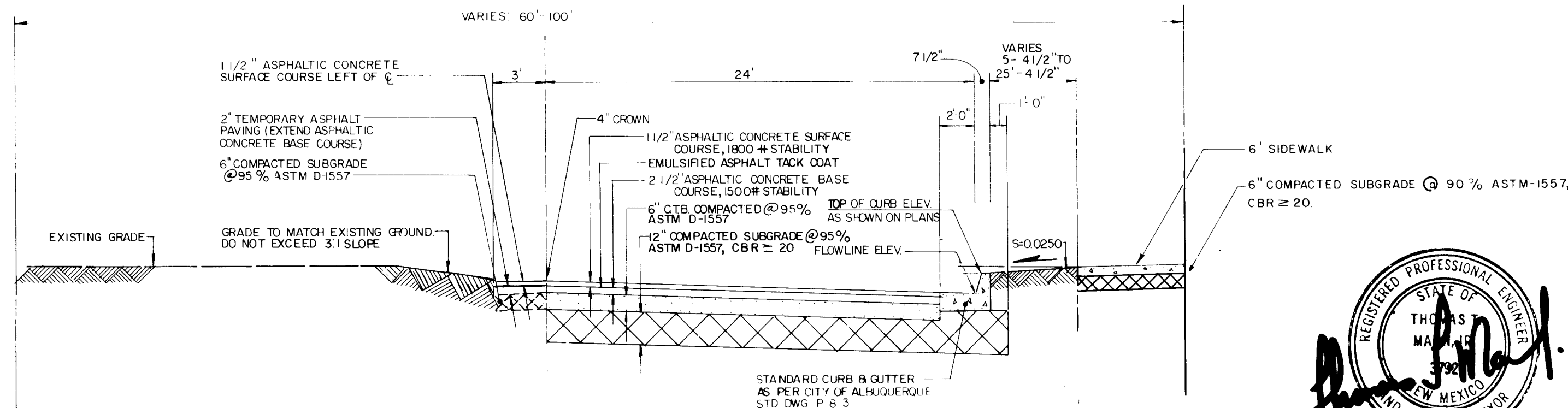
FULL STREET SECTION
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 40'

SITE PLAN LEGEND

- ARTERIAL PAVING AS PER "HALF STREET SECTION" SHOWN BELOW
- 2" TEMPORARY ASPHALT PAVING.
- 6' SIDEWALK



UTILITY SITE PLAN

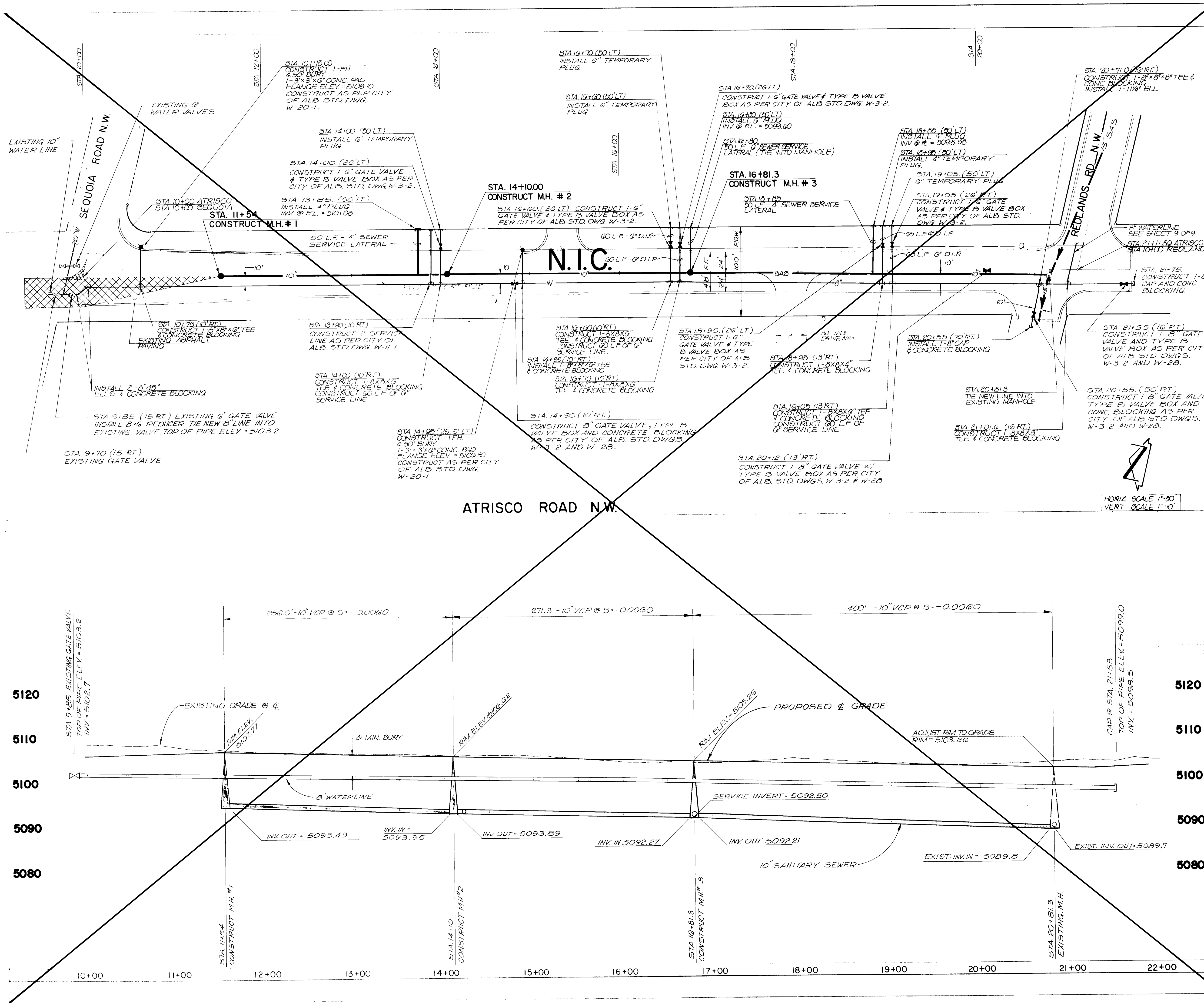


HALF STREET SECTION
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 40'



APPROVED FOR
CONSTRUCTION
Richard S. Silve 12/7/82
CITY ENGINEER DATE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: ATRISCO DR., SEQUOIA RD., REDLANDS DR. PAVING & UTILITY IMPROVEMENTS SITE PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Richard S. Silve	12/1/82	Public Works	James J. Jaramilla	12 Nov 1982
A.C.E. - Design	Richard S. Silve	12/1/82	Traffic	James J. Jaramilla	12 Nov 1982
A.C.E. - Hydrology	Richard S. Silve	12-1-82	Water	James J. Jaramilla	12 Nov 1982
DRAWING NO	1551		SHEET	3 OF 9	



SANITARY SEWER SYSTEM

- ALL STATIONING IS BASED ON STREET CENTERLINE.
- ALL SEWER PIPE SHALL BE EXTRA STRENGTH VCP.
- SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
- ALL MANHOLES SHALL BE 4-FOOT DIAMETER TYPE "E" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-2-3 UNLESS OTHERWISE NOTED.
- SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISKS AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-9. EMD SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 131 OF THE CITY OF ALBUQUERQUE "CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAVING NO. 31".
- CONTRACTOR SHALL CONCRETE ENCASE THE SEWER PIPE 10 FEET EACH SIDE OF THE WATER LINE IF THE VERTICAL CLEARANCE DOES NOT EXCEED 3'0" WHERE THE SEWER AND WATER LINES CROSS.

WATER DISTRIBUTION SYSTEM

- WATER MAIN SHALL BE DUCTILE IRON PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.
- WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF CURB TO TOP OF PIPE).
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- ALL STATIONING IS BASED ON STREET CENTERLINE.

ENGINEER'S SEAL

THOMAS T. MANN JR.
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
NO. 14298

AS BUILT INFORMATION

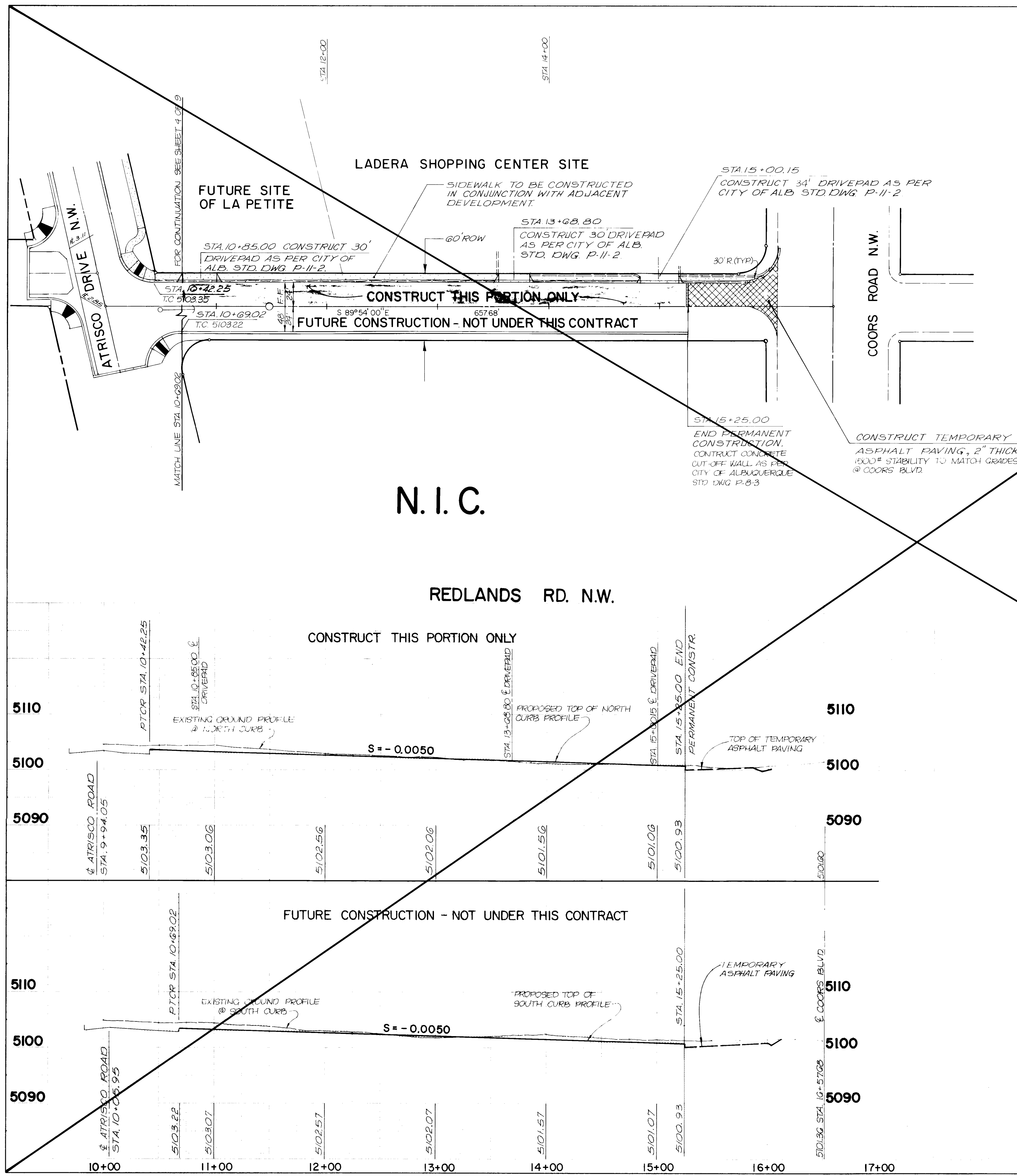
CONTRACT NO. NM 448-N-3
LOCATED ON THE WEST EDGE OF THE WEST MESA BOWLING ALLEY PARKING LOT
LOCATED ON THE EAST SIDE OF COOPERS ROAD
ELEVATION = 5099.53' FEET (MSLD)

APPROVALS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	NA	NA	Liquid Waste	NA	22 Nov 1982
A.C.E. Design	NA	NA	Traffic	NA	22 Nov 1982
A.C.E. Hydrology	NA	NA	Water	NA	22 Nov 1982

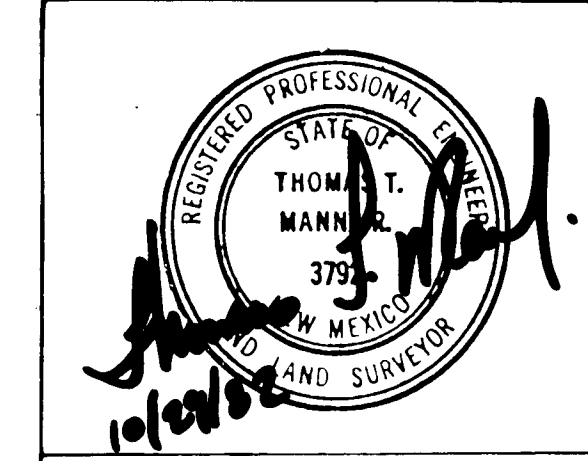
TITLE: ATRISCO RD. N.W. PHASE I
UTILITY IMPROVEMENTS, PLAN & PROFILE
STA. 9+70 TO STA. 21+53

DRAWING NO. 1551
MAP NO. G-11
SHEET 7 **OF** 9



- STREET PAVING IMPROVEMENTS
1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON CENTERLINE STATIONING.
 2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAW-CUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
 3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.

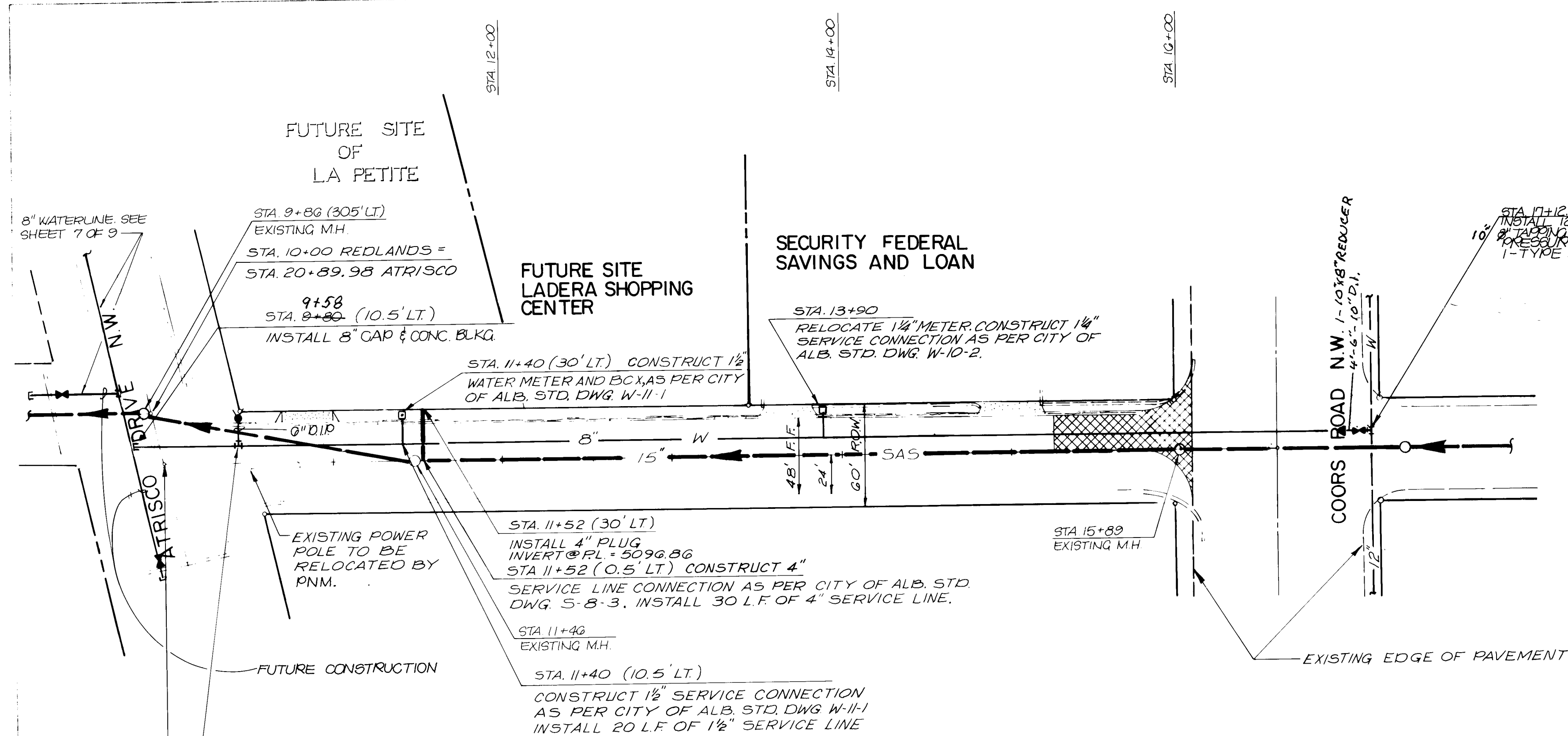
HORIZ SCALE: 1"=50'
VERT SCALE: 1"=10'



APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE

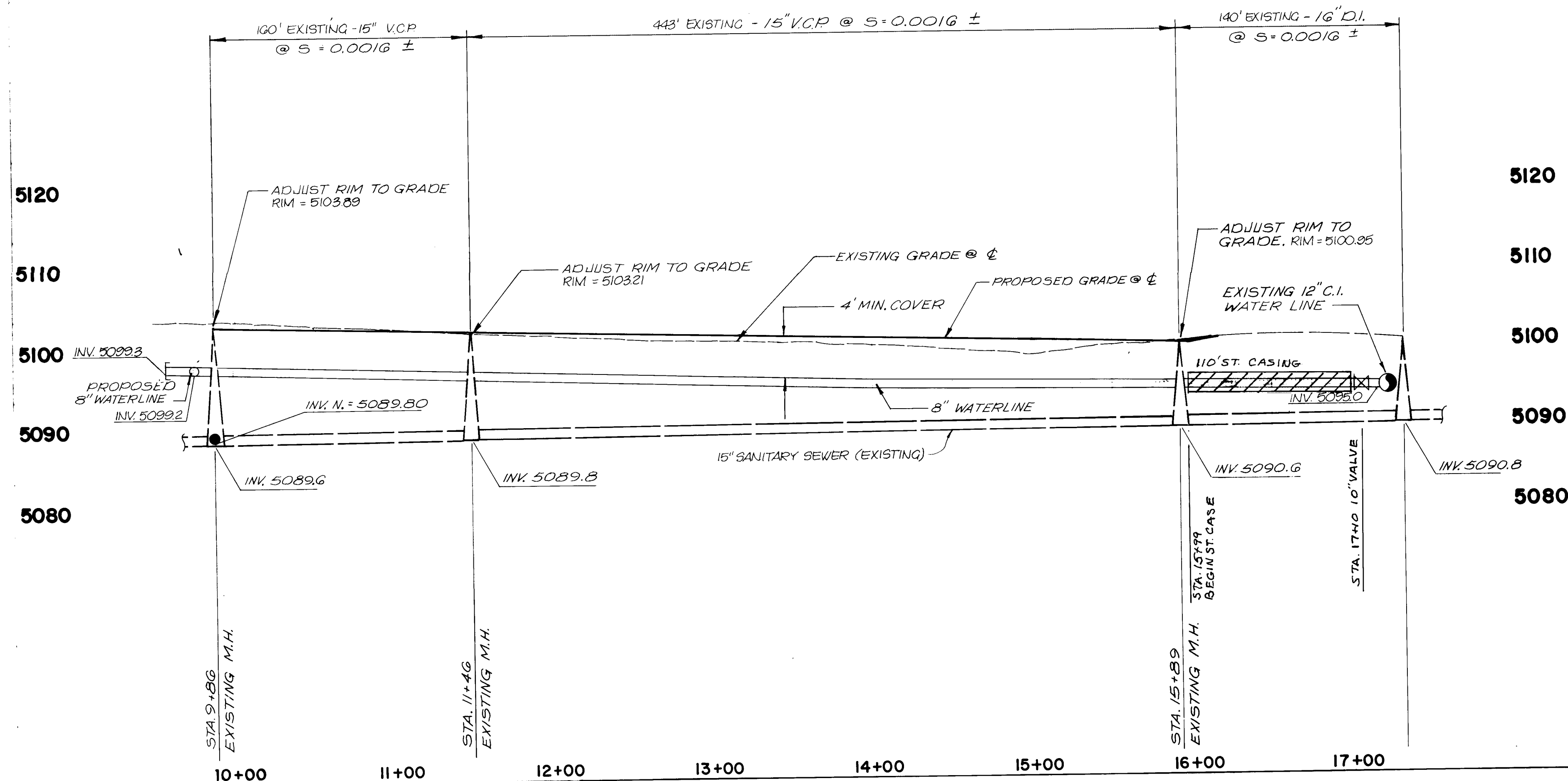
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: REDLANDS RD. N.W. PHASE I PAVING IMPROVEMENTS, PLAN & PROFILE STA. 9+94 TO 15+25					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	NA	NA	Liquid Waste	N.A. James J.	22 NOV 1982
A.C.E. Design			Traffic		
A.C.E. Hydrology			Water	N.A. James J.	22 NOV 1982
DRAWING NO.	1551		SHEET	6 OF 9	

REFERENCES		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
MAP NO.	6-11	NO.	DATE	N.M.S.H.D. BRASS CAP MARKED "M 448-N3"	LOCATED ON THE WEST EDGE OF PAVING OF THE WEST MESA BOWLING ALLEY PARKING LOT LOCATED ON THE EAST SIDE OF COORS ROAD. ELEVATION = 5099.53 FEET (MSLD)	NO.	DATE
EST NO.	WO NO	BY				NO.	DATE
NO.	DATE	REMARKS	BY				



WATERLINE AND 1-4" SEWER SERVICE INCLUDED IN THIS CONTRACT.
CONSTRUCT 8" WATERLINE STA. 9+80 TO STA. 17+12.68 ONLY.


REDLANDS RD. N.W.



- SANITARY SEWER SYSTEM
1. ALL STATIONING IS BASED ON STREET CENTERLINE.
 2. ALL SEWER PIPE SHALL BE EXTRA STRENGTH VCP OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.
 3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
 4. ALL MANHOLES SHALL BE 4-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWINGS S-2-3 UNLESS OTHERWISE NOTED.
 5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISKS AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-9. EMD SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 131 OF THE CITY OF ALBUQUERQUE "CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAVING NO. 31".
 6. CONTRACTOR SHALL CONCRETE ENCASE THE SEWER PIPE 10 FEET EACH SIDE OF THE WATER LINE IF THE VERTICAL CLEARANCE DOES NOT EXCEED 3'0" WHERE THE SEWER AND WATER LINES CROSS.
- WATER DISTRIBUTION SYSTEM
7. WATER MAIN SHALL BE DUCTILE IRON PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.
 8. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF CURB TO TOP OF PIPE).
 9. WATER LINE SHALL BE LOCATED 10'0" FROM AND PARALLEL TO STREET CENTERLINE UNLESS OTHERWISE NOTED.
 10. ELECTRONIC MARKER DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 131 OF THE CITY OF ALBUQUERQUE "CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAVING NO. 31".
 11. ALL STATIONING IS BASED ON STREET CENTERLINE.
 12. ALL GATE VALVES SHALL BE CONSTRUCTED AS PER CITY OF ALBUQUERQUE STANDARD DRAWING W-28, TYPE 'A' VALVE BOXES AS PER CITY OF ALBUQUERQUE STANDARD DRAWING W-2-3 AND TYPE 'B' VALVE BOXES AS PER CITY OF ALBUQUERQUE STANDARD DRAWING W-3-2.
13. FIRE HYDRANTS SHALL BE CONSTRUCTED AS PER CITY OF ALBUQUERQUE STANDARD DRAWING W-20-1.

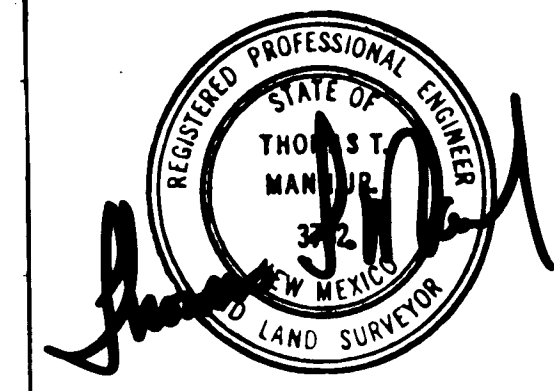
HORIZ SCALE: 1"=50'
VERT SCALE: 1"=10'

						REFERENCES		SURVEY INFORMATION		BENCH MARKS	AS BUILT	INFORMATION
			MAP NO.	G- II	W.O. NO.	NO.	BY	FIELD NOTES		N.M.S.H.D. BRASS CAP MARKED "N.Y. 448-N/3"		
			EST NO.					DATE		LOCATED ON THE WEST EDGE OF PAVING OF THE WEST MESA BOWLING ALLEY PARKING LOT, LOCATED ON THE EAST SIDE OF COORS ROAD. ELEVATION = 5099.53 FEET (MSLD)		
			NO.	DATE	REMARKS							
											WORK STARTED BY DATE STOPPED BY DATE ACCEPTANCE BY DATE FIELD INVESTIGATION BY DATE CORRECTED BY DATE DRAWINGS MICRO-FILM INFORMATION RECORDED BY DATE NO	



UNIVERSITY OF NEW MEXICO • ENGINEERS
BUTTE CAMPUS • ALBUQUERQUE • NEW MEXICO • 87131

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APPROVED FOR
CONSTRUCTION
Richard S. Miller 12/1/82
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: REDLANDS RD. N.W. PHASE I
UTILITY IMPROVEMENTS, PLAN & PROFILE
STA. 9+55 TO 17+13

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	10/2/00	Liquid Waste	<i>[Signature]</i>	22 Nov 19
ACE - Design	<i>[Signature]</i>	24 Nov 02	Traffic	<i>[Signature]</i>	
ACE - Hydrology	<i>[Signature]</i>	12-1-32	Water	<i>[Signature]</i>	22 Nov 19

DRAWING NO.	1551	SHEET 9 OF 9
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