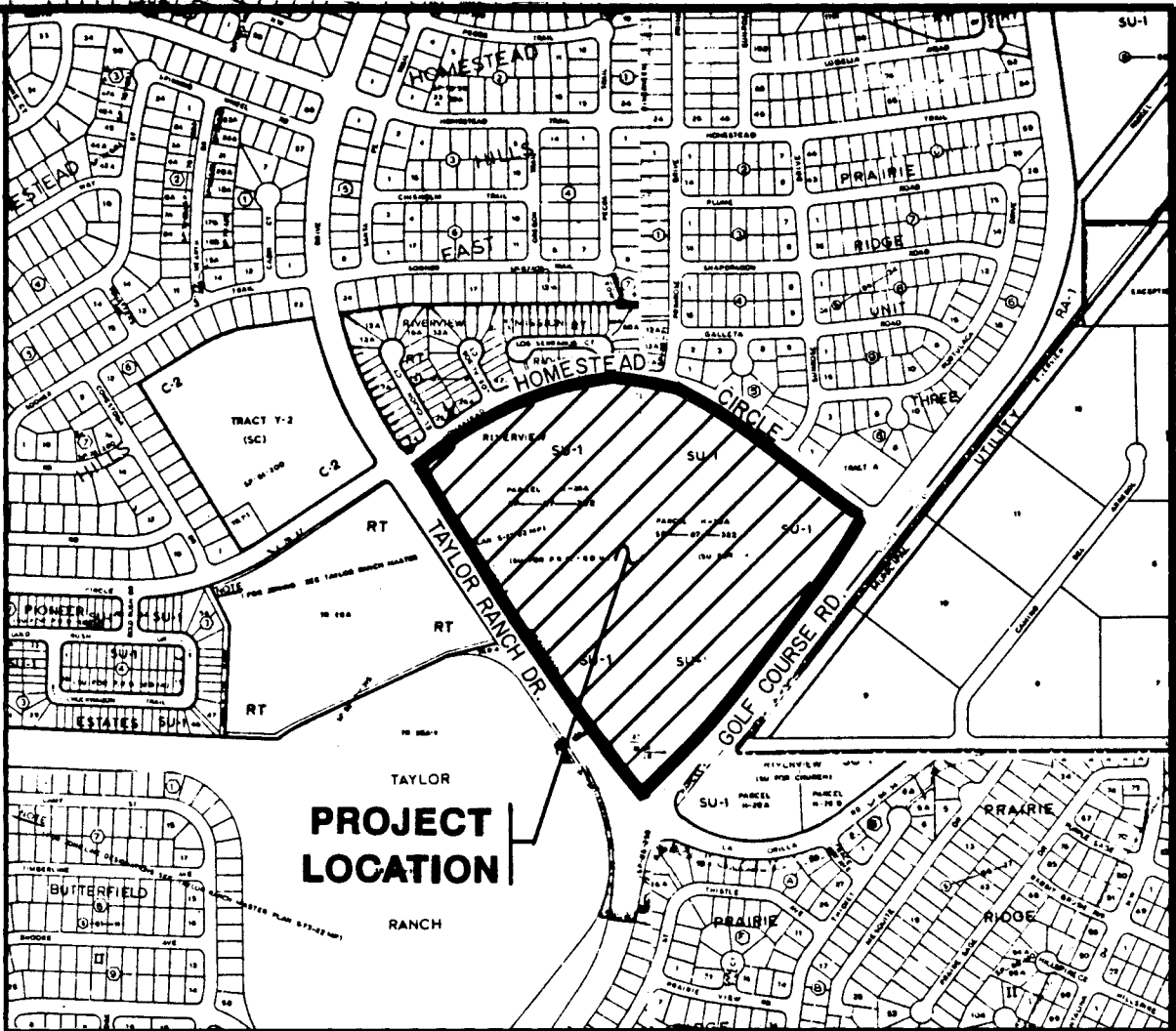


CONSTRUCTION PLANS
FOR
MESA ANTIGUA SUBDIVISION
PHASE I
ALBUQUERQUE, NEW MEXICO



VICINITY MAP
NOT TO SCALE
D-11, D-12, E-11, E-12

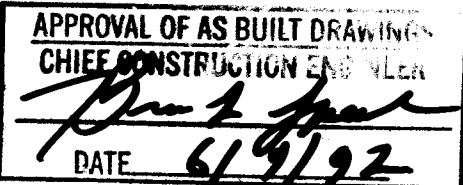
NOTICE TO CONTRACTORS

- 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 THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) 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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 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 ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

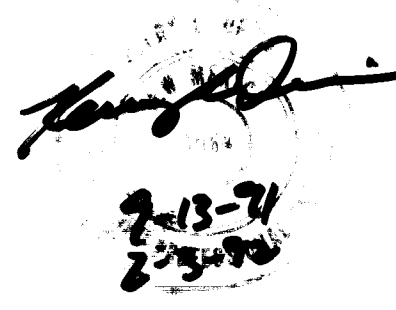
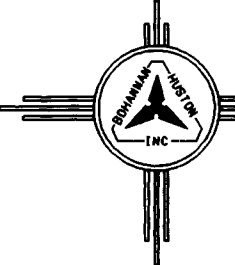
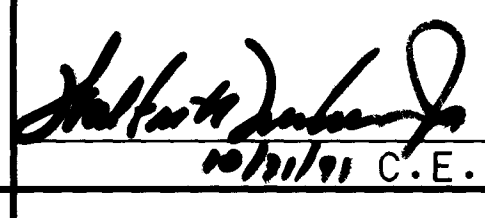
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

SCANNED BY
BY LASON



REV	27	27	26,27	26	5	5,6,26,27
SHEETS						
CITY ENGINEER						
DATE						
USER DEPARTMENT						
DATE						
USER DEPARTMENT						
DATE						

APPROVAL OF REVISIONS

	 BOHANNAN HUSTON INC. ALBUQUERQUE, NEW MEXICO ENGINEERS PLANNERS PHOTOGRAPHERS	APPROVED FOR CONSTRUCTION  C.E.
	PROJECT NUMBER 4308.90	SHEET 1 OF 28

BHI JOB NO. 91157.03

PLAT OF
MESA ANTIGUA SUBDIVISION
UNIT 1
ALBUQUERQUE, NEW MEXICO
JULY, 1991

DESCRIPTION

A certain tract of land situated within Sections 23, 24, 25, and 26, T11N, R2E, N.M.P.M., within the City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Parcel H-28A-1 of RIVERVIEW PARCELS H-28A-1 & H-28A-2, as the same is shown and designated on the plat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on July 1, 1991, in Volume 4, Folio 152.

Tract contains 18.42078 acres, more or less.

FREE CONSENT AND DEDICATION

The foregoing Replat of that certain tract of land being a portion of Sections 23, 24, 25, and 26, T11N, R2E, N.M.P.M., within the City of Albuquerque, Bernalillo County, New Mexico, being Parcel H-28A-1, RIVERVIEW PARCELS H-28A-1 & H-28A-2, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on July 1, 1991, in Volume 4, Folio 152, and now hereon shown and designated as MESA ANTIGUA SUBDIVISION, UNIT 1 is with free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof, and said owner(s) and/or proprietor(s) do hereby dedicate 4.6880 acres of road right-of-way to the City of Albuquerque and do hereby grant all easements shown on this Plat. Electrical Power and Communication easements are reserved for overhead distribution lines for pole type utilities and buried distribution lines, conduits, and pipes for underground utilities and other related equipment where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs.

PASEO DEL NORTE JOINT VENTURE
A New Mexico General Partnership

Robert M. Murphy, President
Sandia Peak Tram Company
Agent for PASEO DEL NORTE JOINT VENTURE
State of New Mexico)
County of Bernalillo)

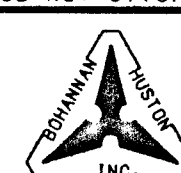
The foregoing instrument was acknowledged before me this _____ day of _____, 1991, Robert M. Murphy, President of Sandia Peak Tram Company, Agent for PASEO DEL NORTE JOINT VENTURE.

My Commission Expires _____ Notary Public

APPROVALS

PLANNING DIRECTOR	DATE
CITY ENGINEER	DATE
A.M.A.F.C.A.	DATE
TRAFFIC ENGINEER	DATE
CITY SURVEYOR	DATE
PROPERTY MANAGEMENT	DATE
UTILITY DEVELOPMENT DEPARTMENT	DATE
PARKS & RECREATION DEPARTMENT	DATE
PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE
U.S. WEST COMMUNICATIONS	DATE
GAS COMPANY OF NEW MEXICO	DATE
THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPCA	
PROPERTY OWNER OF RECORD:	
BERNALILLO COUNTY TREASURER'S OFFICE	DATE

JOB NO. 91157.82



SHEET 1 OF 3 SHEETS

LOCATION MAP

ZONE ATLAS INDEX MAP NOS. D-11, D-12,
E-11, & E-12
NOT TO SCALE

SUBDIVISION DATA

- DRB No.
- Gross Subdivision Acreage: 18.4208 Acres.
- Total number of lots created: 71 Lots and 2 Tracts
- Dedicated road right-of-way: 4.6880 Acres.
- This plat shows existing easements.
- Date of survey: May 1, 1991
- The purpose of this plat is to subdivide Parcel H-28A-1.
- Parcel H-28A-1 is subject to the agreement between the owner and the City, filed for record with the Bernalillo County Clerk on June 12, 1986 in Book 372A, Pages 304-316.
- Certain Reservations for Parcel H-28A-1 are contained in Patent from the United States of America, recorded in Book 77, Page 241 and Miss. 743, Page 394 of the records of Bernalillo County, New Mexico.
- Temporary Drainage Easements are subject to adjustment in size, dimension and location as plans and design become more firm.
- Prior to development, City of Albuquerque Water and Sanitary Sewer Service must be verified and coordinated with the Public Works Department, City of Albuquerque, via a request for a water and sanitary sewer availability statement.

NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- RIVERVIEW PARCEL H-28A-1 is located within Sections 23, 24, 25, and 26, T11N, R2E, N.M.P.M.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are ten (10) feet wide and are granted for the common joint use of:

- The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
- The Gas Company of New Mexico for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- U.S. West for the installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services including but not limited to above ground pedestals and closures.
- Jones Interchange for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purposes described above, together with free access to, from, and over said easements, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electric Safety Code caused by construction of pools, decking, or any structures adjacent to or near easements shown on this plat.

SURVEYOR'S CERTIFICATION

I, Thomas G. Klingenhagen, a registered Professional New Mexico Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

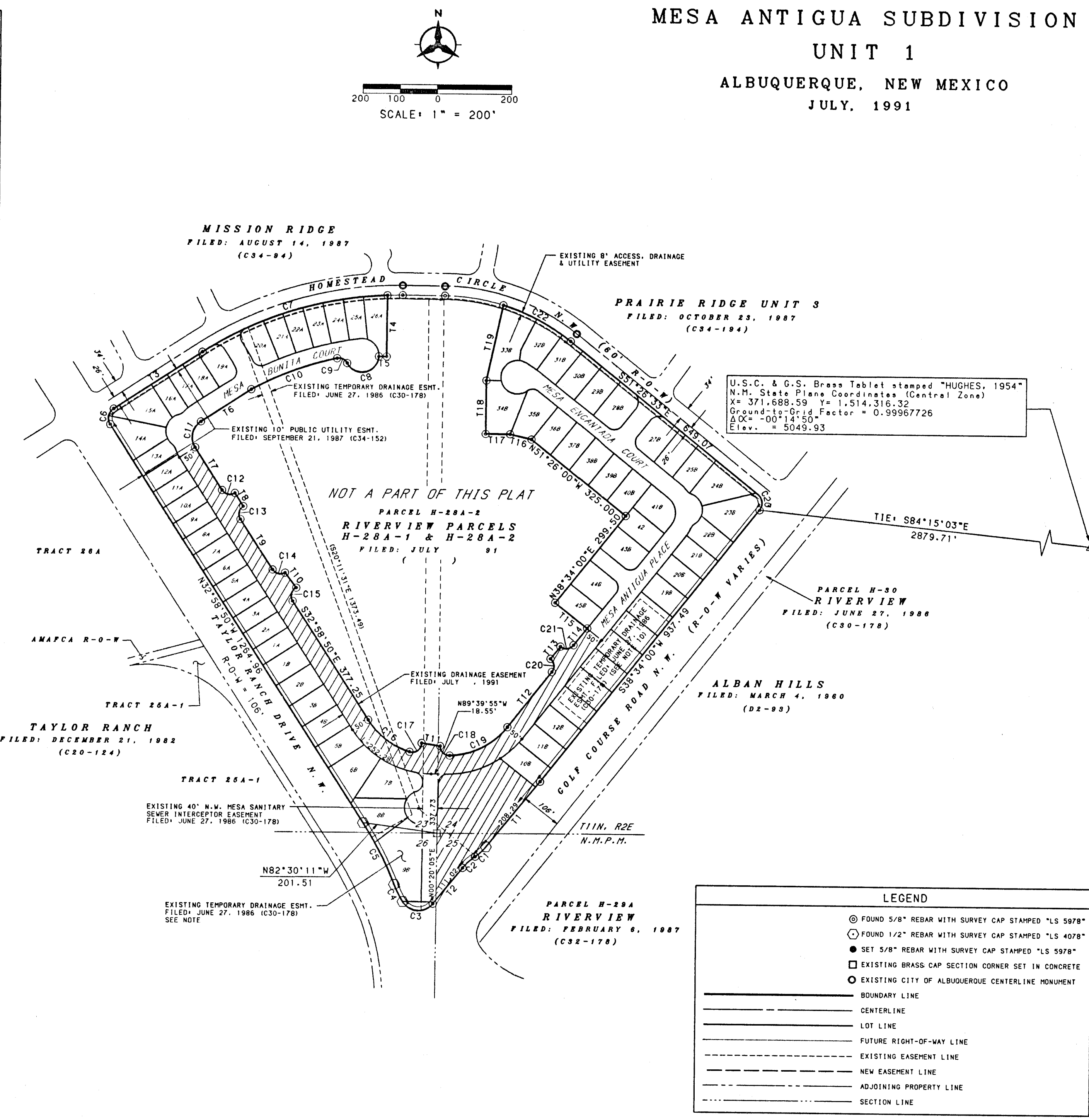
Thomas G. Klingenhagen
New Mexico Surveyor 5978
Bohannon-Huston, Inc.
Courtney J.
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109

Date: _____

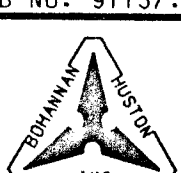
PLAT OF

MESA ANTIGUA SUBDIVISION
UNIT 1
ALBUQUERQUE, NEW MEXICO
JULY, 1991

CURVE DATA				
NUMBER	ARC	RADIUS	DELTA	CHORD
C1	39.74	140.00	15°15'46"	39.60
C2	45.41	160.00	16°15'46"	45.26
C3	95.16	50.00	109°02'34"	81.43
C4	51.81	100.00	9°53'41"	51.74
C5	185.71	953.00	11°09'55"	185.42
C6	47.12	30.00	89°59'27"	42.42
C7	525.64	974.00	30°55'15"	525.28
C8	117.23	45.00	149°15'48"	86.78
C9	32.31	25.00	74°03'30"	30.11
C10	244.88	821.00	17°05'23"	243.97
C11	78.54	50.00	90°00'00"	70.71
C12	39.27	25.00	90°00'00"	35.36
C13	39.27	25.00	90°00'00"	35.36
C14	37.88	25.00	86°48'48"	34.36
C15	41.45	25.00	95°00'03"	36.86
C16	143.39	205.00	40°04'39"	140.49
C17	46.52	25.00	108°36'22"	40.09
C18	40.11	25.00	91°55'17"	35.94
C19	178.35	205.00	49°50'47"	172.78
C20	39.27	25.00	90°00'00"	35.36
C21	206.54	549.00	21°33'18"	205.32
C22	47.13	30.00	90°00'00"	42.42
C23	123.59	953.00	7°25'49"	123.50
C24	62.12	953.00	3°44'06"	62.11
C25	23.59	30.00	45°03'51"	22.99
C26	23.52	30.00	44°55'44"	22.93
C27	28.93	974.00	1°45'38"	28.93
C28	49.32	974.00	2°54'04"	49.31
C29	30.72	974.00	3°09'37"	30.72
C30	51.25	974.00	3°15'08"	51.24
C31	55.29	974.00	3°15'08"	55.28
C32	55.28	974.00	3°15'08"	55.28
C33	110.58	974.00	6°30'17"	110.52
C34	64.98	974.00	3°49'22"	64.97
C35	58.73	45.00	74°51'11"	58.71
C36	19.81	45.00	25°13'19"	19.65
C37	29.71	45.00	25°13'19"	29.71
C38	49.00	863.00	3°15'08"	48.98
C39	41.89	863.00	3°15'08"	41.87
C40	48.98	863.00	3°15'08"	48.96
C41	48.98	863.00	3°15'08"	48.96
C42	48.98	863.00	3°15'08"	48.96
C43	48.98	863.00	3°15'08"	48.96
C44	39.58	863.00	2°37'40"	39.58
C45	9.25	100.00	5°23'20"	9.25
C46	16.27	100.00	5°23'20"	16.27
C47	19.62	45.00	24°58'50"	19.46
C48	31.89	45.00	24°58'50"	31.73
C49	30.16	45.00	38°24'10"	29.60
C50	19.77	45.00	25°10'01"	19.61
C51	9.11	100.00	5°23'20"	9.11
C52	16.27	100.00	5°23'20"	16.27
C53	19.62	45.00	24°58'50"	19.46
C54	31.89	45.00	24°58'50"	31.73
C55	101.11	255.00	22°43'03"	100.44
C56	32.17	255.00	40°57'43"	31.40
C57	53.83	45.00	68°32'26"	50.68
C58	44.99	45.00	57°16'47"	44.98
C59	66.68	45.00	84°54'01"	60.75
C60	150.03	255.00	33°42'35"	147.87
C61	66.28	255.00	1°45'38"	66.28
C62	12.24	255.00	2°44'58"	12.24
C63	3.95	100.00	2°15'44"	3.95
C64	21.56	100.00	12°20'10"	21.52
C65	29.56	45.00	37°37'53"	29.03
C66	26.94	45.00	34°38'25"	26.54
C67	44.94	45.00	57°12'47"	44.93
C68	5.08	25.00	11°38'05"	5.07
C69	9.84	25.00	22°59'05"	9.78
C70	22.56	433.00	2°59'05"	22.55
C71	33.55	433.00	4°26'23"	33.54
C72	19.74	45.00	108°23'03"	19.74
C73	85.12	45.00	113°31'25"	85.12
C74	89.16	45.00	113°31'25"	89.16
C75	53.39	45.00	90°00'00"	53.39
C76	117.81	75.00	90°00'00"	117.81
C77	58.90	75.00	90°00'00"	58.90
C78	58.90	75.00	90°00'00"	58.90
C79	207.81	230.00	51°46'05"	200.81
C80	226.11	230.00	56°19'29"	217.11
C81	15.75	226.00	3°59'32"	15.74
C82	117.81	75.00	90°00'00"	117.81
C83	58.90	75.00	90°00'00"	58.90
C84	58.90	75.00	90°00'00"	58.90
C85	73.24	844.00	2°05'48"	73.22
C86	305.95	844.00	20°48'10"	304.27
C87	26.03	300.00	4°58'19"	26.02
C88	90.00	100.00	90°00'00"	90.00
C89	56.11	433.00	7°25'29"	56.07
C90	194.03	45.00	247°02'28"	75.03
C91	32.48	25.00	97°48'47"	32.48
C92	78.54	50.00	90°00'00"	70.71
C93	39.27	25.00	89°59'59"	35.36
C94	39.27	25.00	89°59'59"	35.36
C95	195.83	45.00	249°20'18"	74.02
C96	255.25	863.00	17°36'36"	254.20
C97	37.88	25.00	86°46'20"	34.36
C98	28.20	325.00	4°58'19"	28.19
C99	42.68	25.00	97°48'47"	42.68
C100	38.51	25.00	88°14'55"	34.81
C101	23.88	275.00	4°58'19"	23.88
C102	37.87	25.00	86°46'20"	34.35
C103	26.78	869.00	1°45'57"	26.78
C104	25.51	100.00	14°37'04"	25.44
C105	14.92	25.00	34°11'37"	14.70
C106	101.44	45.00	129°09'06"	81.28
C107	14.92	25.00	34°11'37"	14.70
C108	25.51	100.00	14°37'04"	25.44
C109	208.88	255.00	46°55'44"	203.07
C110	35.01	25.00	80°14'40"	32.22
C111	31.28	25.00	71°40'56"	29.28
C112	197.67	25.00	45°58'19"	72.56
C113	59.09	25.00	89°35'00"	35.33
C114	228.54	255.00	51°21'06"	220.97
C115	25.51	100.00	14°37'04"	25.44
C116	14.92	25.00	34°11'37"	14.70
C117	101.44	45.00	129°09'06"	81.28
C118	14.92	25.00	34°11'37"	14.70
C119	25.51	100.00	14°37'04"	25.44
C120	39.27	25.00	89°59'59"	35.36
C121	47.12	30.00	89°59'27"	42.42

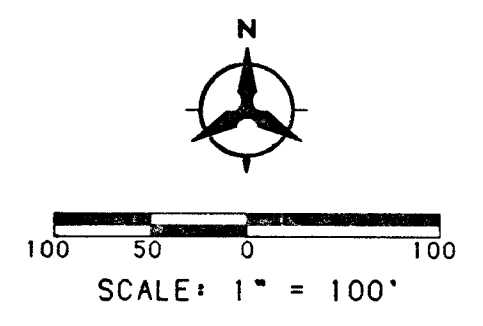
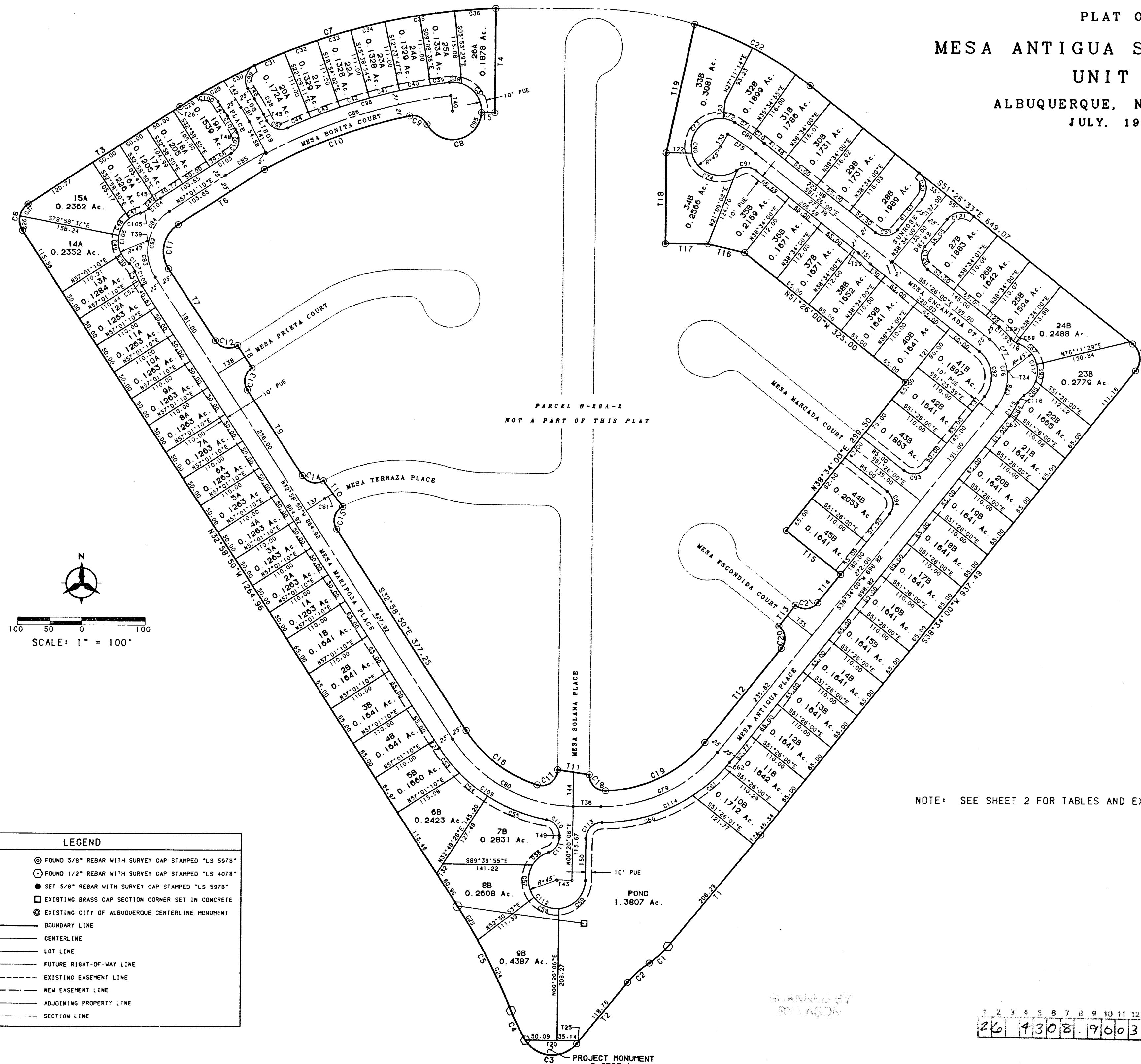


JOB NO. 91157.82



SHEET 2 OF 3 SHEETS

PLAT OF
MESA ANTIGUA SUBDIVISION
UNIT 1
ALBUQUERQUE, NEW MEXICO
JULY, 1991

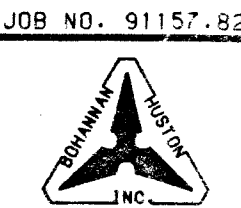


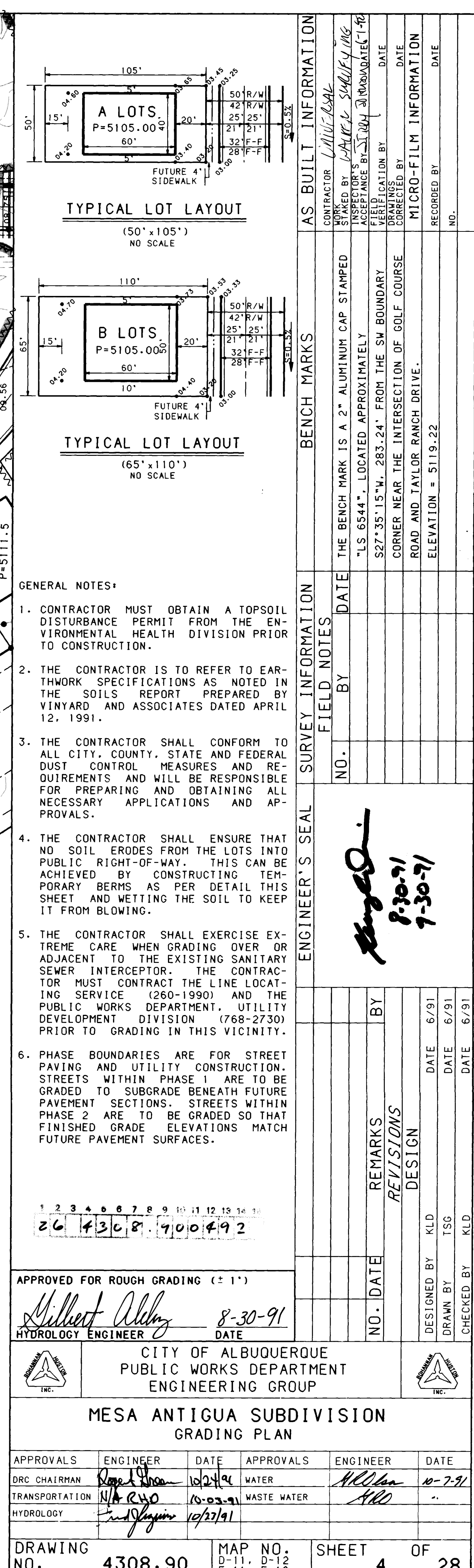
LEGEND	
	FOUND 5/8" REBAR WITH SURVEY CAP STAMPED "LS 5978"
	FOUND 1/2" REBAR WITH SURVEY CAP STAMPED "LS 4078"
	SET 5/8" REBAR WITH SURVEY CAP STAMPED "LS 5978"
	EXISTING BRASS CAP SECTION CORNER SET IN CONCRETE
	EXISTING CITY OF ALBUQUERQUE CENTERLINE MONUMENT
	BOUNDARY LINE
	CENTERLINE
	LOT LINE
	FUTURE RIGHT-OF-WAY LINE
	EXISTING EASEMENT LINE
	NEW EASEMENT LINE
	ADJOINING PROPERTY LINE
	SECTION LINE

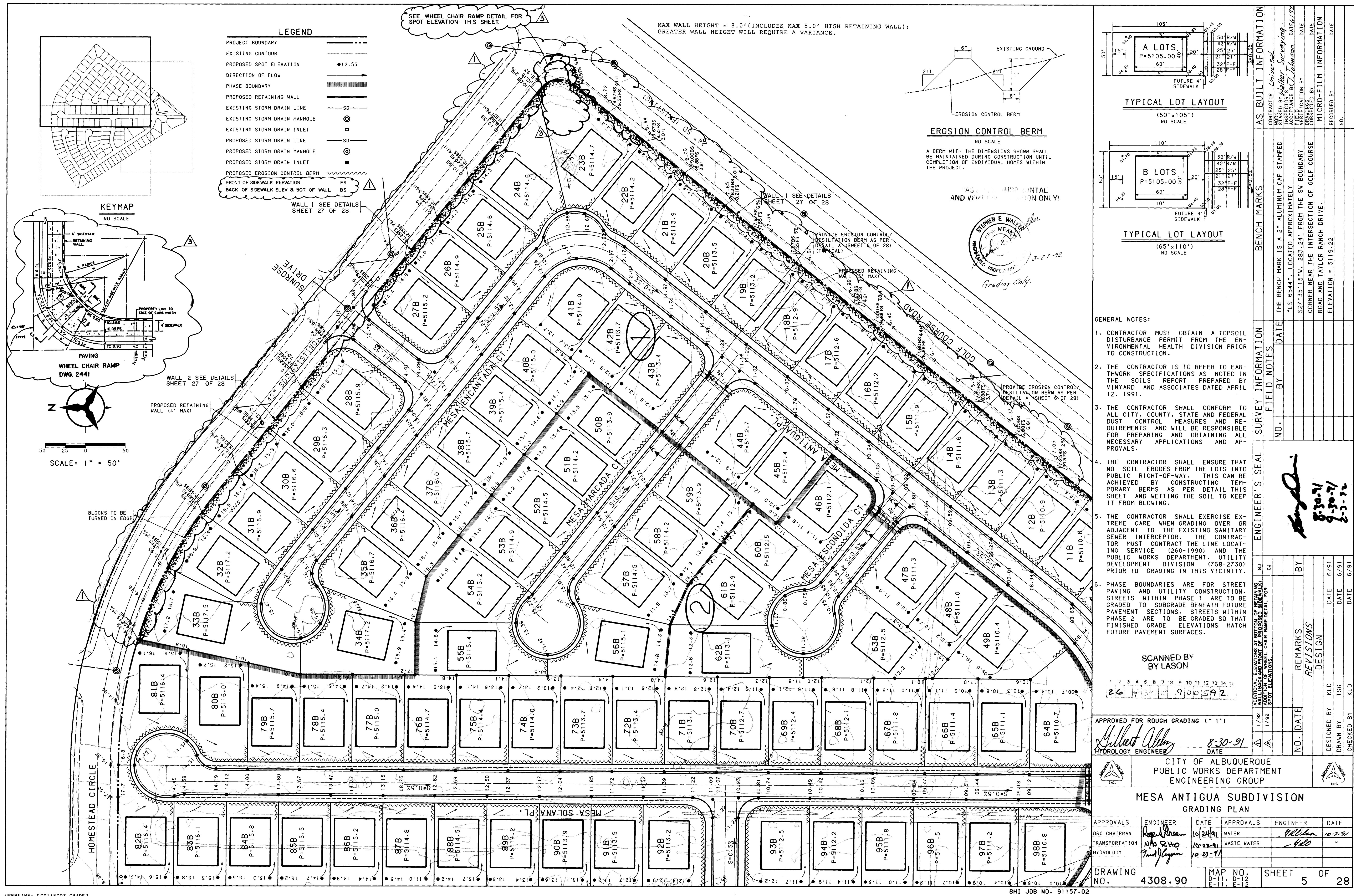
NOTE: SEE SHEET 2 FOR TABLES AND EXISTING EASEMENTS

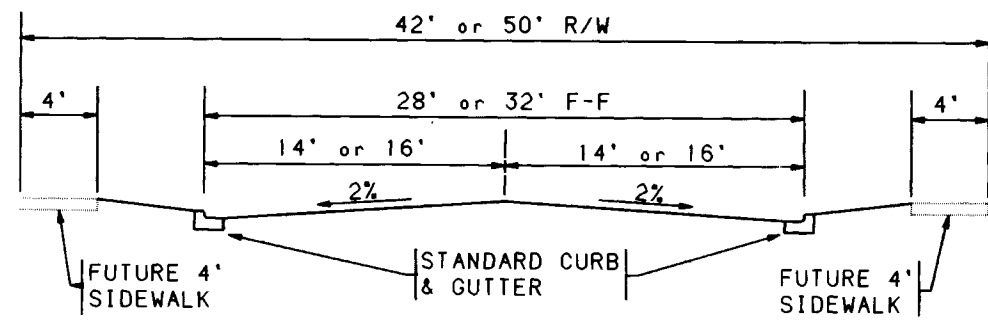
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SHEET 3 OF 3 SHEETS

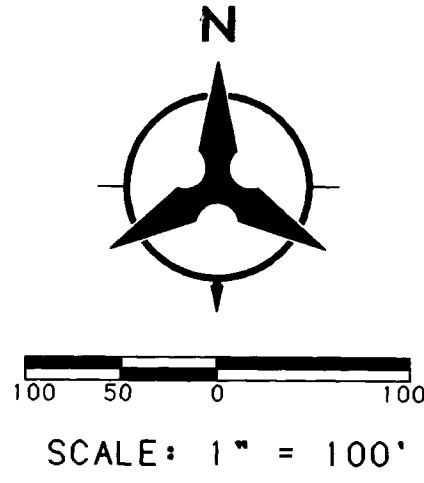
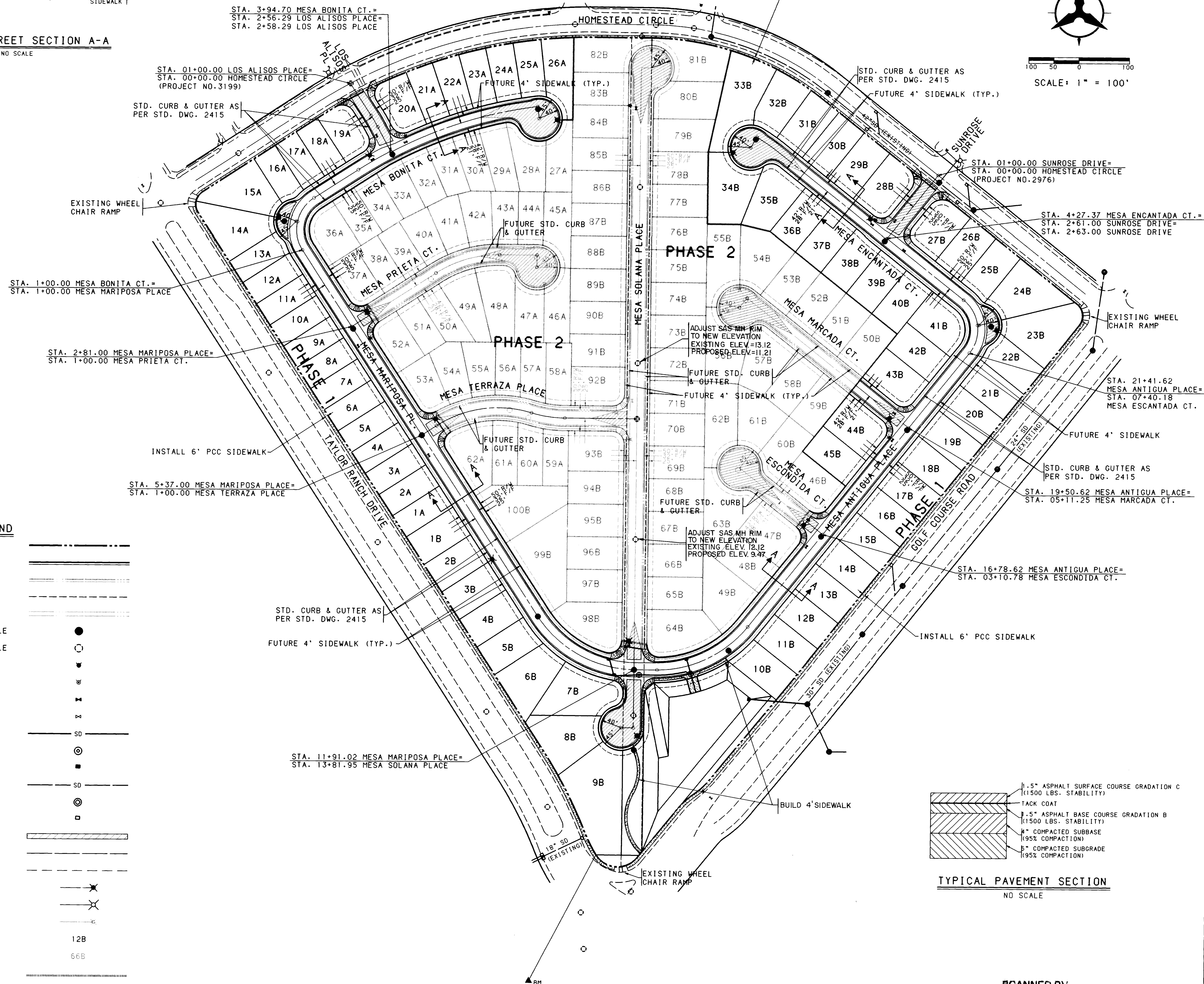






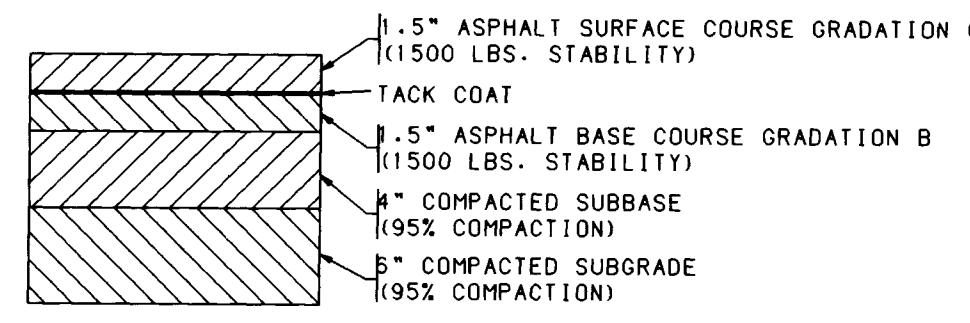


TYPICAL STREET SECTION A-A
NO SCALE



LEGEND

PROJECT BOUNDARY	---
PROPOSED CURB & GUTTER	==
FUTURE CURB & GUTTER	---
EXISTING CURB & GUTTER	- - -
FUTURE SIDEWALK	---
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	■
EXISTING FIRE HYDRANT	□
PROPOSED GATE VALVE	+
EXISTING GATE VALVE	×
PROPOSED STORM DRAIN LINE	SD
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED STORM DRAIN INLET	■
EXISTING STORM DRAIN LINE	SD
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN INLET	□
CROWN FLATTENING	▨
PROPOSED CONDUIT PIPE	---
EXISTING CONDUIT PIPE	- - -
PROPOSED STREET LIGHT	★
EXISTING STREET LIGHT	✱
FUTURE STREET LIGHTS	★
PROPOSED LOTS	12B
FUTURE LOTS	66B
PHASE BOUNDARY	---



TYPICAL PAVEMENT SECTION
NO SCALE

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS BUILT INFORMATION

CONTRACTOR	Universal
STAKED BY	Universal
ACCEPTANCE BY	J. Tolman
DATE	6/26/97
FILED	
DATE	
DRAWINGS	
CORRECTED BY	
DATE	
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	

ENGINEER'S SEAL

NO. _____ BY _____

DATE _____

REMARKS

REVISIONS

DESIGN

DESIGNED BY KLD DATE 6/91

DRAWN BY TSG DATE 6/91

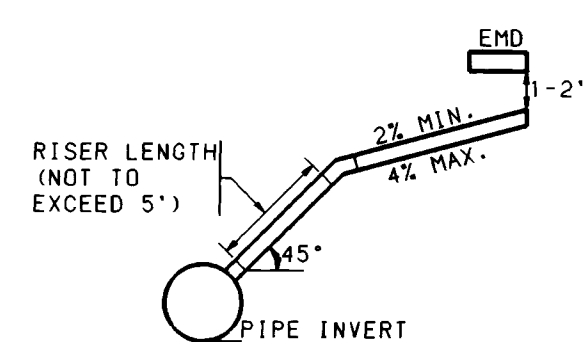
CHECKED BY KLD DATE 6/91

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

MESA ANTIGUA SUBDIVISION - PHASE I
PAVING PLAN

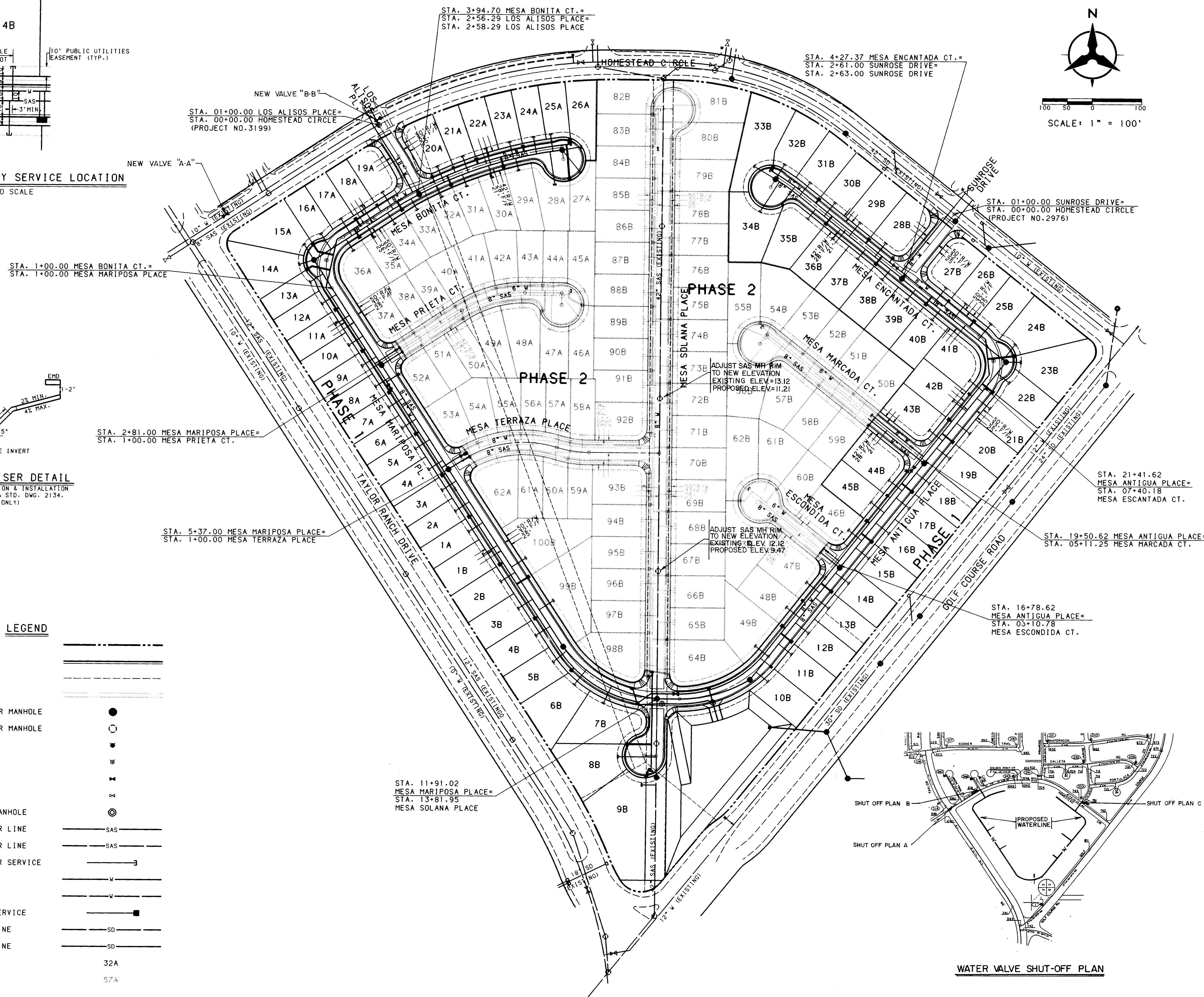
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R. D. Duke	10/28/91	WATER	R. D. Duke	10/29/91
TRANSPORTATION	R. D. Duke	10/28/91	WASTE WATER	R. D. Duke	10/29/91
HYDROLOGY	R. D. Duke	10/28/91			

DRAWING NO. 4308.90 MAP NO. D-11, D-12 E-11, E-12 SHEET 7 OF 28



SERVICE RISER DETAIL
(SERVICE CONNECTION & INSTALLATION
TO CONFORM TO COA STD. DWG. 2134.
USE C1 SOIL PIPE ONLY)

<u>LEGEND</u>	
PROJECT BOUNDARY	=====
PROPOSED CURB & GUTTER	=====
EXISTING CURB & GUTTER	-----
FUTURE SIDEWALK	=====
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	⦿
EXISTING FIRE HYDRANT	⦿
PROPOSED GATE VALVE	⦿
EXISTING GATE VALVE	⦿
EXISTING STORM DRAIN MANHOLE	⊙
PROPOSED SANITARY SEWER LINE	-----SAS-----
EXISTING SANITARY SEWER LINE	-----SAS-----
PROPOSED SANITARY SEWER SERVICE	-----┐
PROPOSED WATER LINE	-----W-----
EXISTING WATER LINE	-----W-----
PROPOSED WATER METER SERVICE	-----┐
EXISTING STORM DRAIN LINE	-----SD-----
PROPOSED STORM DRAIN LINE	-----SD-----
PROPOSED LOTS	32A
FUTURE LOTS	57A
PHASE BOUNDARY	=====



WATER VALVE SHUT-OFF PLAN

SCANNED BY
BY LASON

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAYING ITEMS.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

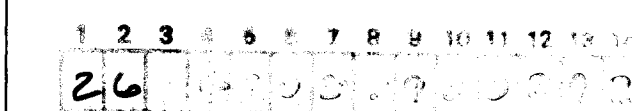
WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE
TIMING AND COORDINATION OF THE WATER
SHUT-OFF REQUIREMENTS IN CONJUNCTION
WITH THE COMPLETION OF THIS PROJECT.

AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.

WATER SHUT-OFF PLAN:

	CLOSE VALVES
A. NEW VALVE (AA)	1081, 1082, 1043, 341
B. LOS ALISOS NON- PRESSURE CONN. & NEW VALVE (BB)	AA, 1083, 1031, 1043
C. SUNROSE NON- PRESSURE CONN.	761, 762, 763





BOHANNAN-HURLOCK
INC.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

MESA ANTIGUA SUBDIVISION - PHASE I
UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Rogel Dora</i>	10/14/91	WATER	<i>Rogel Dora</i>	10-7-91
TRANSPORTATION	<i>R. Dora</i>	10-03-91	WASTE WATER	<i>SKO</i>	-
HYDROLOGY	<i>Fred J. Quinn</i>	10/23/91			

DRAWING NO.	4308.90	MAP NO. D-11, D-12 E-11, E-12	SHEET 8	OF 28
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SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	WORK	DATE
	THE BENCH MARK IS A 2" ALUMINUM CAP STAMPED "LS 6544". LOCATED APPROXIMATELY S27°35'15"W, 283'24" FROM THE SW BOUNDARY CORNER NEAR THE INTERSECTION OF GOLF COURSE ROAD AND TAYLOR RANCH DRIVE. ELEVATION = 5119.22			CONTRACTOR <u>ALUFLEX</u> STARTED BY <u>ALUFLEX</u> ACCEPTED BY <u>ALUFLEX</u> FIELD LIGATION BY <u>DATE</u> DRAWINGS CORRECTED BY <u>DATE</u> MICRO-FILM INFORMATION RECORDED BY <u>DATE</u> NO.	

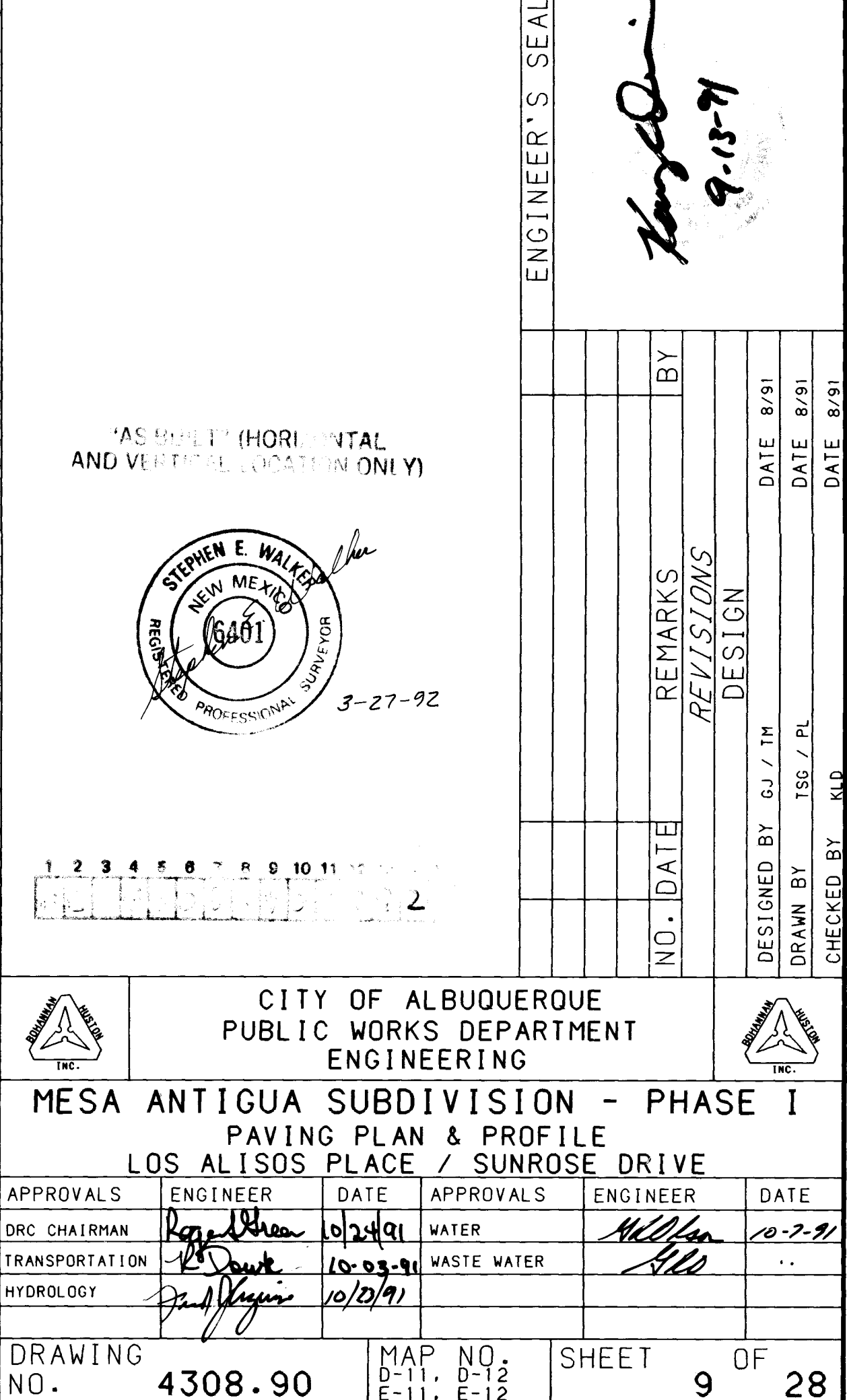
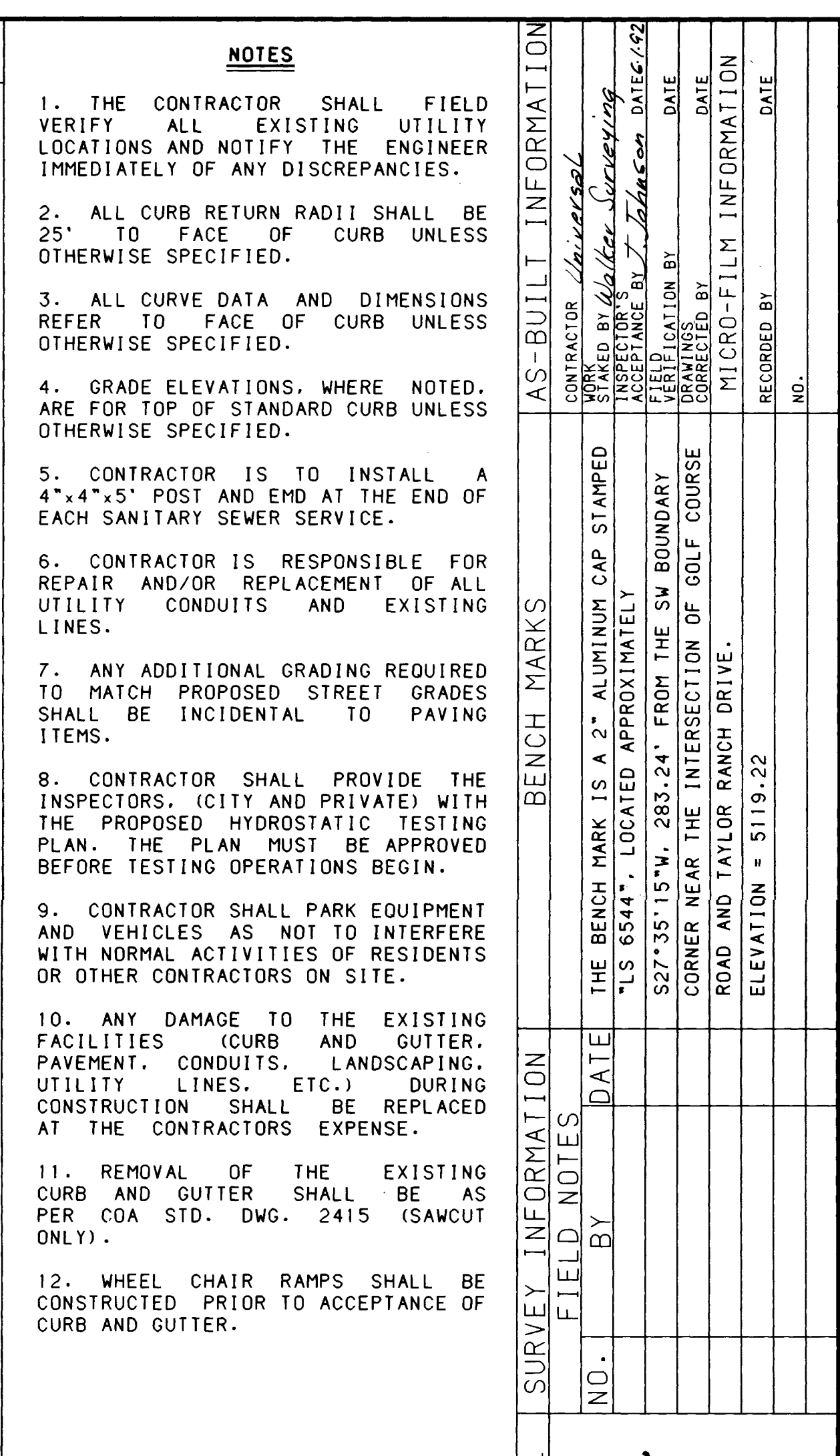
ENGINEER'S SEAL

[illegible]

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USERNAME: [C9115703.PAD]
FILENAME: UTILITY.GRF

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"As-built"

CUL-DE-SAC CURB DATA					
STATION & OFFSET	TC	PT	DELTA		
1+29.07, 23.02' LT.	14.26	1	28°39'56"		
1+40.19, 35.46' LT.	14.56	2	28°39'56"		
1+52.55, 41.96' LT.	14.75	3	28°39'56"		
1+65.26, 41.96' LT.	14.82	4	28°39'56"		
1+77.62, 35.46' LT.	14.75	5	28°39'56"		
1+88.74, 23.02' LT.	14.55	6	28°39'56"		

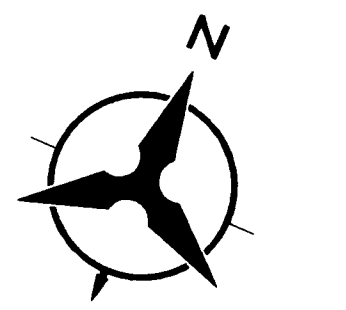
CUL-DE-SAC CURB DATA					
STATION & OFFSET	TC	PT	DELTA		
1+29.07, 23.02' LT.	14.26	1	28°39'56"		
1+40.19, 35.46' LT.	14.56	2	28°39'56"		
1+52.55, 41.96' LT.	14.75	3	28°39'56"		
1+65.26, 41.96' LT.	14.82	4	28°39'56"		
1+77.62, 35.46' LT.	14.75	5	28°39'56"		
1+88.74, 23.02' LT.	14.55	6	28°39'56"		

CENTERLINE CURVE DATA	
(A) P.I.	Sta. 1+75.00
Delta	89° 59' 60.0"
D	76° 23' 40"
T	75.00'
L	117.81'
R	75.00'

CENTERLINE CURVE DATA		
(B) P.I.	Sta.	3+58.10
Delta	4° 58' 18.7"	
D	6° 47' 19"	
T	36.64'	
L	73.24'	
R	844.00'	

CENTERLINE CURVE DATA	
P.I.	Sta. 5+49.52
Delta	20° 50' 16.1"
D	6° 48' 17"
T	154.82'
L	306.23'
R	842.00'

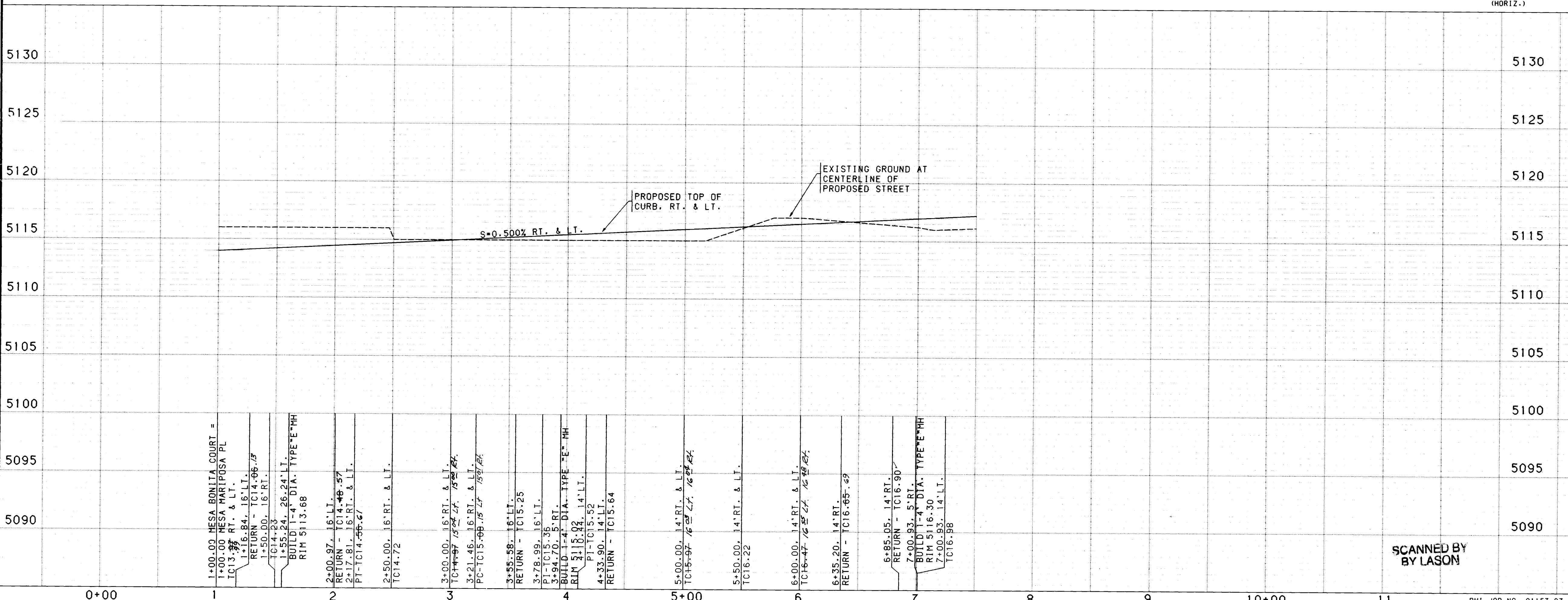
CUL-DE-SAC CURB DATA					
STATION & OFFSET	TC	PT	DELTA		
6+90.88, 14.73' LT.	16.92	1	33°39'14"		
7+13.85, 13.85' LT.	17.04	2	33°39'14"		
7+32.66, 00.35' LT.	17.13	3	33°39'14"		
7+40.83, 21.32' LT.	17.17	4	33°39'14"		
7+35.63, 43.89' RT.	17.15	5	33°39'14"		
7+18.79, 59.79' RT.	17.06	6	33°39'14"		
6+95.56, 63.68' RT.	16.95	7	33°39'14"		
6+73.01, 53.86' RT.	16.84	8	33°39'14"		
6+60.76, 33.82' RT.	16.77	9	33°39'14"		



SCALE: 1" = 50' (HORIZ.)

NOTE: STREET SLOPES IN THIS AREA ARE AT CRITICAL MINIMUM SLOPE OF 0.41% (GUTTER GRADE LT.) ELEVATIONS SHOWN ARE CRITICAL TO MAINTAIN POSITIVE DRAINAGE.

MESA BONITA COURT



NOTES

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AS-BUILT INFORMATION

CONTRACTOR: Universal

WORK: MESA ANTIGUA SUBDIVISION

DATE: 10/24/91

ACCEPTANCE BY: J. E. Hansen

DATE: 10/24/91

FIELD LOCATION BY: DATE

DRAWINGS CORRECTED BY: DATE

MICRO-FILM INFORMATION

RECORDED BY: DATE

NO.

ENGINEER'S SEAL

NO. BY DATE

REMARKS

DESIGN

DESIGNED BY: GJ / TH DATE: 8/91

DRAWN BY: TSG / PL DATE: 8/91

CHECKED BY: KQ DATE: 8/91

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING

MESA ANTIGUA SUBDIVISION - PHASE I

PAVING PLAN & PROFILE

MESA BONITA COURT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	Roger Shaw	10/24/91	WATER	AROLan	10-29-91
TRANSPORTATION	Tommy	10-23-91	WASTE WATER		
HYDROLOGY	Tommy	10/23/91			

SCANNED BY LASON

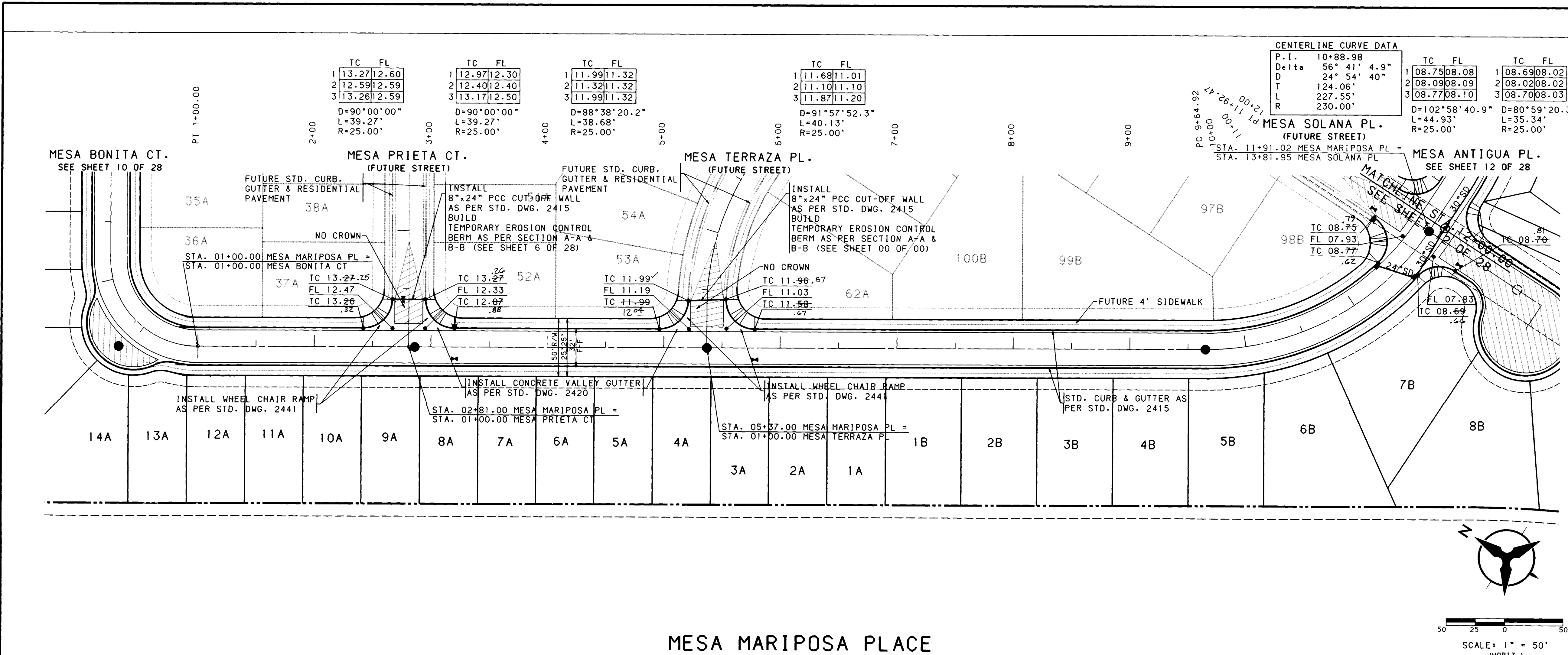
BHI JOB NO. 91157.03

SCALE: 1" = 50' (HORIZ.)

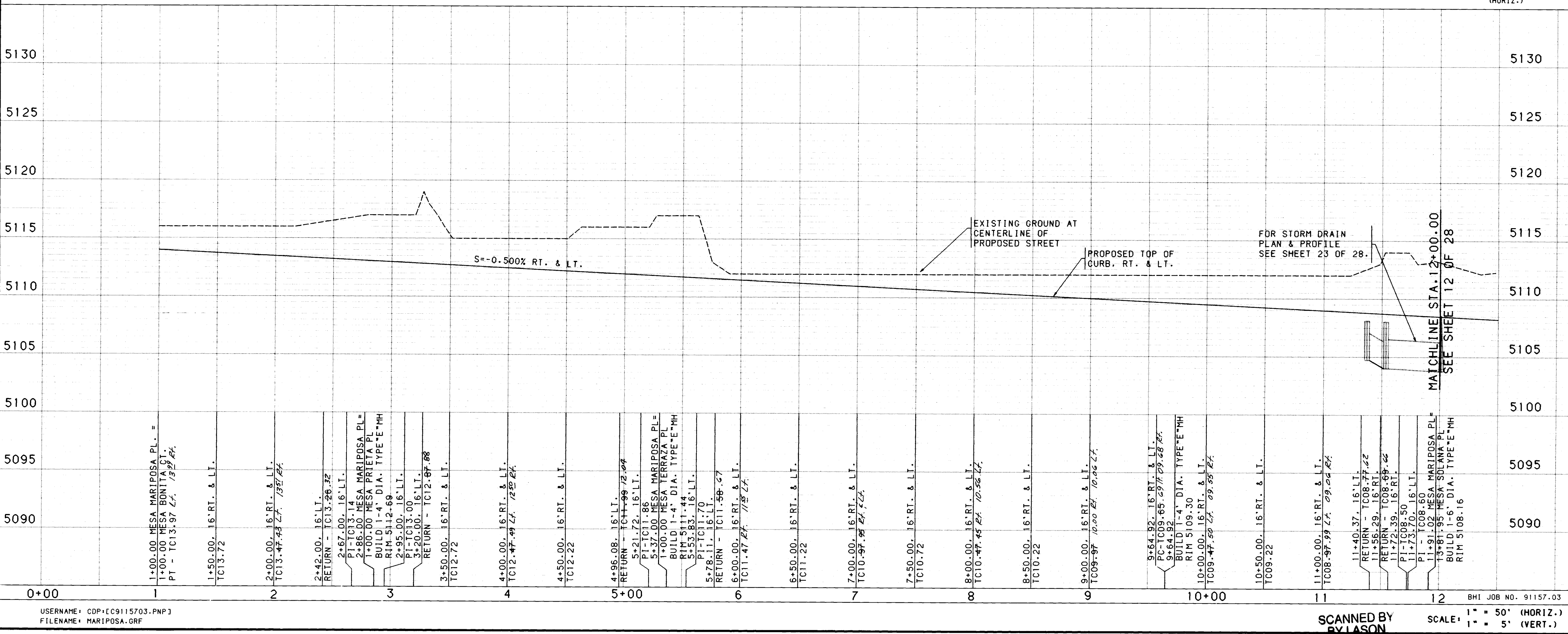
DRAWING NO. 4308.90

MAP NO. 10-12

SHEET 10 OF 28



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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 12. WHEEL CHAIR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	10/24/91	DESIGN
2	10/27/91	REVISIONS

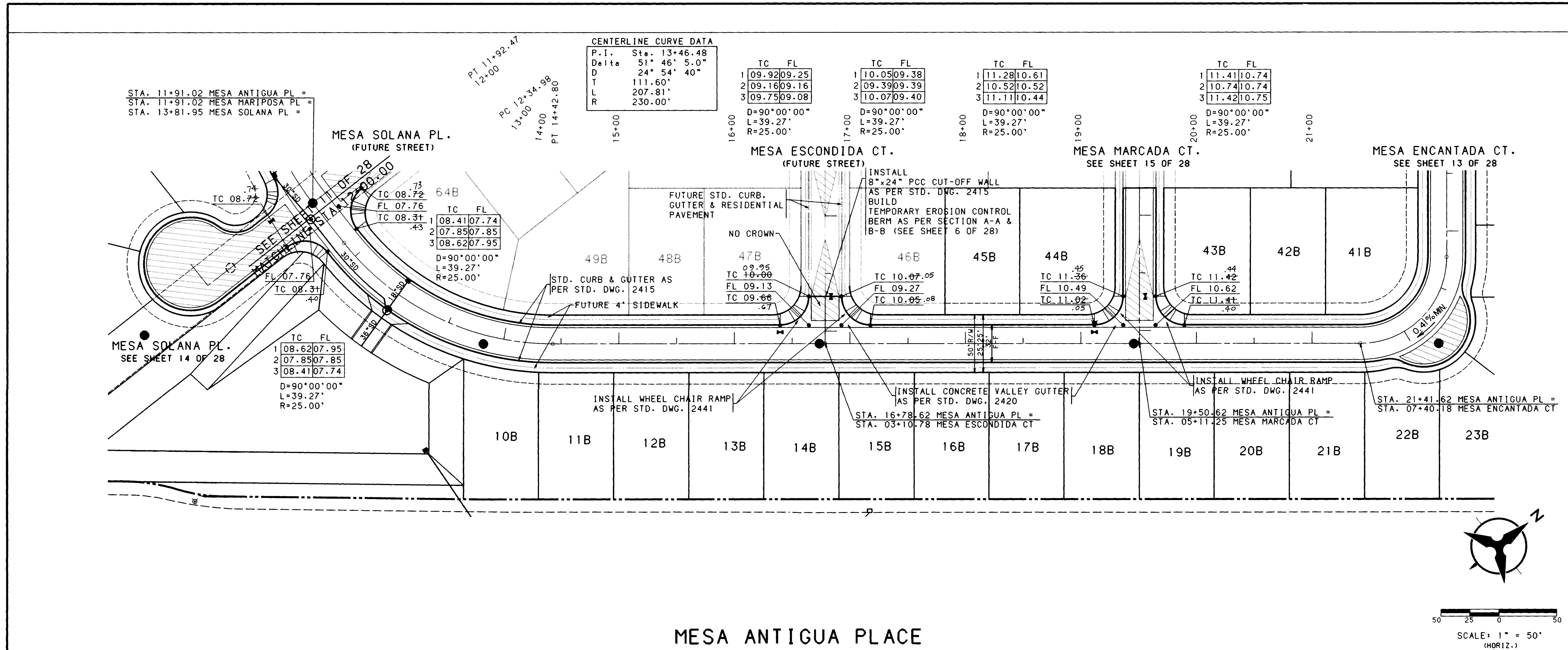
DESIGNED BY: GJ / TH DATE: 8/91
DRAWN BY: TSG / PL DATE: 8/91
CHECKED BY: KLD DATE: 8/91

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING

MESA ANTIGUA SUBDIVISION - PHASE I PAVING PLAN & PROFILE MESA MARIPOSA PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	[Signature]	10/24/91	WATER	[Signature]	10-29-91
TRANSPORTATION	[Signature]	10/27/91	WASTE WATER	[Signature]	"
HYDROLOGY	[Signature]	10/27/91	N.M.U.I.		

SCANNED BY: BY LASON
SCALE: 1" = 50' (HORIZ.)
DRAWING NO. 4308.90
MAP NO. D-11, D-12
SHEET 11 OF 28



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	10/29/92	DESIGN

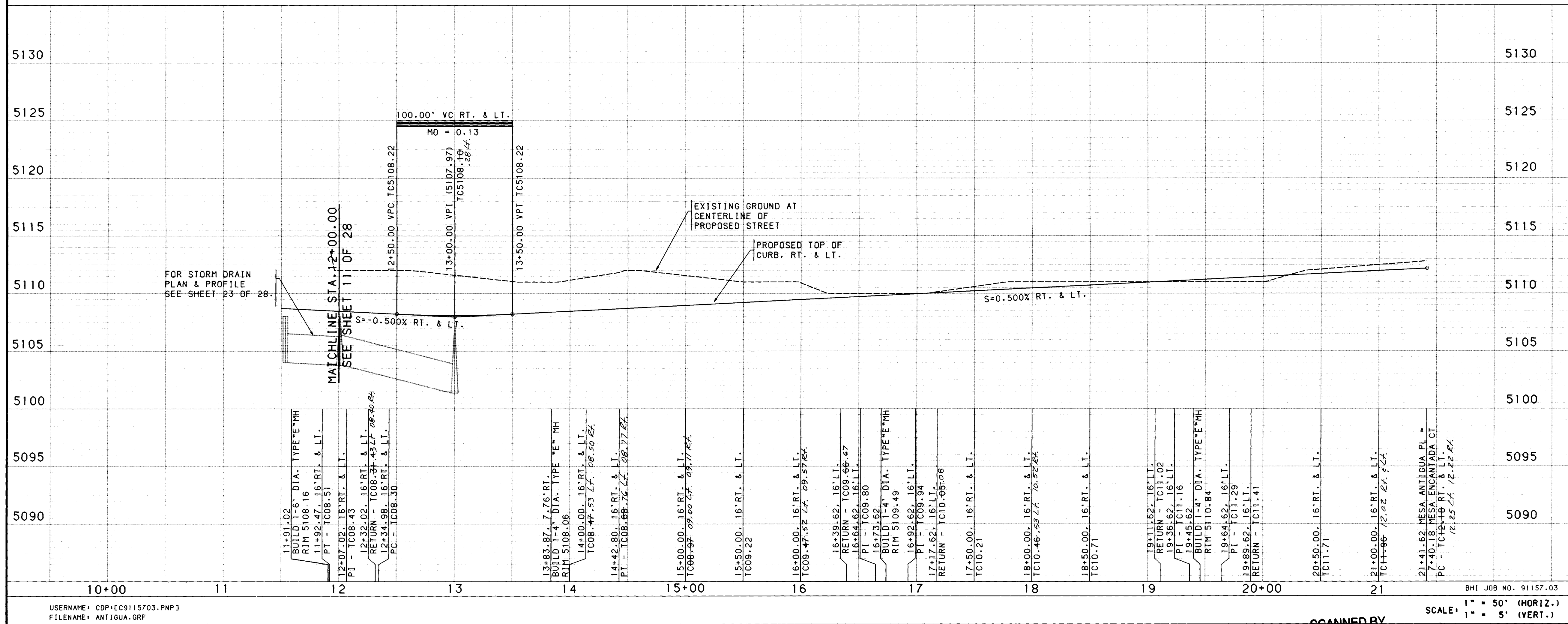
APPROVALS

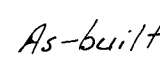
ENGINEER	DATE	WATER	WASTE WATER	N.M.U.I.
Stephen E. Walker	10/29/92	AKOha	AKOha	AKOha

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING

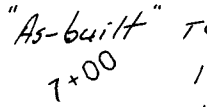
MESA ANTIGUA SUBDIVISION - PHASE I PAVING PLAN & PROFILE

DESIGNED BY GJ / TM **DATE** 8/91
DRAWN BY TSG / PL **DATE** 8/91
CHECKED BY KLD **DATE** 8/91





152
154
156
158
159
154



PT 7+40.18

50 25 0 50
SCALE: 1" = 50'
(HORIZ.)



EXISTING GROUND AT
CENTERLINE OF
PROPOSED STREET

S = -0.500% RT. & LT.

1	BUILD 1-43 DIA. TYPE E*HH RIM 511.40 1-15.76, 14*LT. RETURN - TC15.29
2	1-53.39, 14*LT. P1-TC15.18*J 1-67.18, 14*RT. RETURN - TC15.04*J
2	2-00.00, 14*RT. & LT. TC14.87 EA 14.96 EA
3	2-50.00, 14*RT. & LT. TC14.62
3	3-00.00, 14*RT. & LT. TC14.37 EA 14.43 EA
3	3-50.00, 14*RT. & LT. TC14.12
4	3-86.37, 14*LT. RETURN - TC13.94 4-11.37, 14*LT. P1-TC13.81 4-27.37 MESA ENCANTADA CT 2-66.00 SUNROSE DR RIM 511.32 DIA. TYPE E*HH 4-43.37, 16*LT. P1-TC13.65 4-68.37, 16*LT. RETURN - TC13.53
5	5-00.00, 16*RT. & LT. TC13.37 EA 13.40 EA
6	6-00.00, 16*RT. & LT. TC12.87 EA CT 12.89 EA 6-22.37, 16*RT. & LT. PC-TC12.76, 83 EA 12.82 EA 6-39.21, 16*LT. RETURN - TC12.67
7	6-84.94, 26.24*LT. P1-TC12.44 DIA. TYPE E*HH RIM 511.88 7-00.00, 16*RT. TC12.37 7-23.34, 16*LT. RETURN - TC12.25 7-40.18 MESA ENCANTADA CT 21-41.62 MESA ANTIGUA PL P1-TC42.17 RT. & LT. 12.25 EA 12.25 EA

BHI JOB NO. 91157.03

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

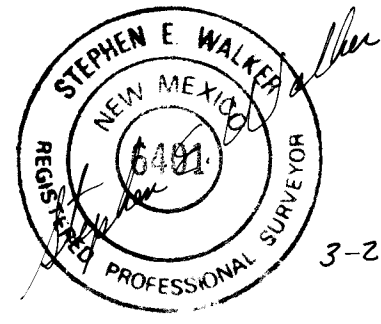
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SCANNED BY
BY LASON

- "AS BUILT" (HORIZONTAL
AND VERTICAL ALIGNMENT ONLY)



3-27-92

26 4 3 0 3 1 0 1 3 9 2

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

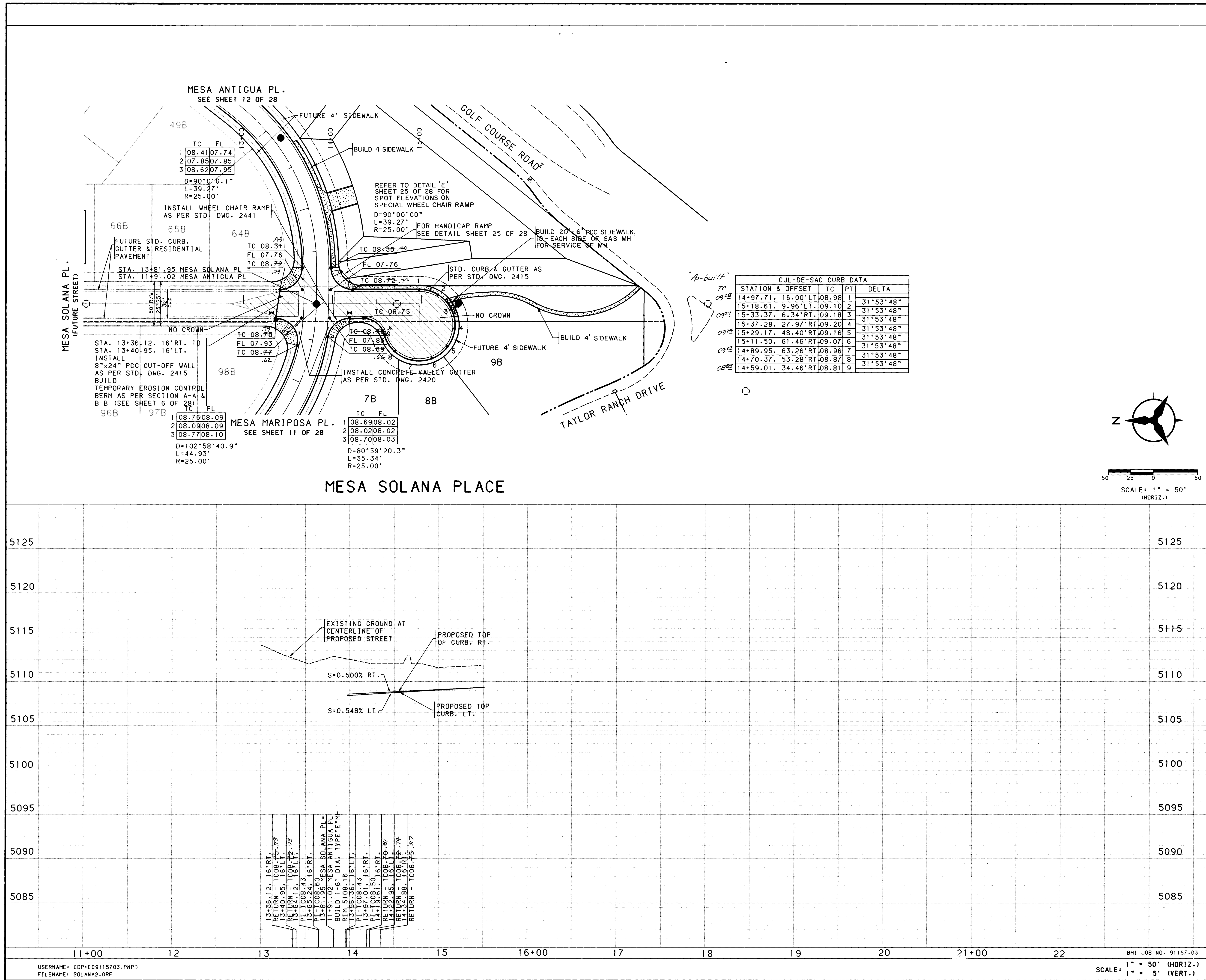
MESA ANTIGUA SUBDIVISION - PHASE I
PAVING PLAN & PROFILE
MESA ENCANTADA COURT

DRAWING NO. 4308.90	MAP NO. D-11, D-12 E-11, E-12	SHEET 13 OF 28
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SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	CONTRACTOR	NO.
	THE BENCH MARK IS A 2" ALUMINUM CAP STAMPED "LS 6544", LOCATED APPROXIMATELY S27°35'15"W, 283.24' FROM THE SW BOUNDARY CORNER NEAR THE INTERSECTION OF GOLF COURSE ROAD AND TAYLOR RANCH DRIVE. ELEVATION = 5119.22			WORKED BY <i>Universal</i> INSPECTED BY <i>Walker Surveying</i> ACCEPTANCE BY <i>J. Hansen</i> DATE <i>6/19/92</i>	
				VERIFICATION BY	DATE
				DRAWINGS CORRECTED BY	DATE
				MICRO-FILM INFORMATION	DATE
				RECORDED BY	DATE
				NO.	

[illegible]

DESIGNED BY	GJ / TM	DATE	8/91
DRAWN BY	TSG / PL	DATE	8/91
CHECKED BY	KLD	DATE	8/91



NOTES

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- REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

AS-BUILT INFORMATION

CONTRACTOR: *Lawson*

INSPECTOR: *John Sweeney*

ACCEPTANCE BY: *J. Johnson*

DATE: *10/24/91*

DATE: *10/24/91*

DATE: *10/24/91*

DATE: *10/24/91*

DATE: *10/24/91*

DATE: *10/24/91*

BENCH MARKS

THE BENCH MARK IS A 2" ALUMINUM CAP STAMPED "LS 6544", LOCATED APPROXIMATELY S27°35'15"W, 283.24' FROM THE SW CORNER NEAR THE INTERSECTION OF GOLF COURSE ROAD AND TAYLOR RANCH DRIVE. ELEVATION = 5119.22

SURVEY INFORMATION

NO. *1* BY *DATE*

DATE *9-15-91*

ENGINEER'S SEAL

Stephen E. Walker

9-15-91

REVISIONS

NO.	DATE	REMARKS
1	10/24/91	DESIGN

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING

MESA ANTIGUA SUBDIVISION - PHASE I

PAVING PLAN & PROFILE

MESA SOLANA PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>Roger Wilson</i>	<i>10/24/91</i>	WATER	<i>W.D. H.</i>	<i>10-7-91</i>
TRANSPORTATION	<i>R. Dwyer</i>	<i>10-22-91</i>	WASTE WATER	<i>W.D. H.</i>	<i>10-7-91</i>
HYDROLOGY	<i>Frank Dwyer</i>	<i>10/22/91</i>	N.M.U.I.		

USERNAME: CDP\CC9115703.PNP

FILENAME: SOLANA2.GRF

BHI JOB NO. 91157.03

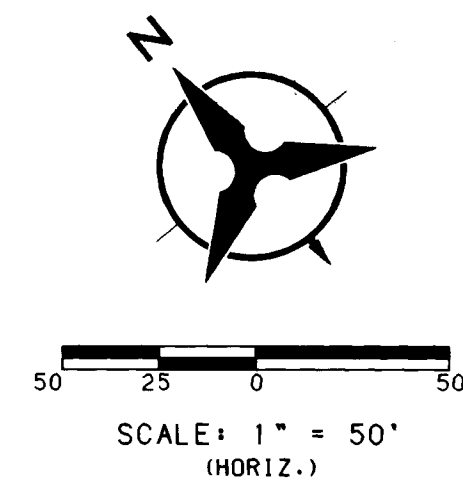
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SCALE: 1" = 5' (VERT.)

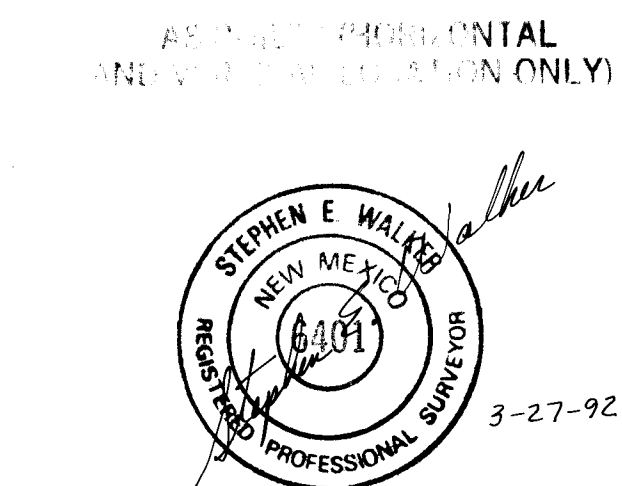
DRAWING NO. 4308.90

MAP NO. D-1, D-2, E-11, E-12

SHEET 14 OF 28



SCALE: 1" = 50'
(HORIZ.)



APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	10/24/91	WATER	<i>[Signature]</i>	10-7-91
TRANSPORTATION	<i>[Signature]</i>	10-03-91	WASTE WATER	<i>[Signature]</i>	"
HYDROLOGY	<i>[Signature]</i>	10/27/91			

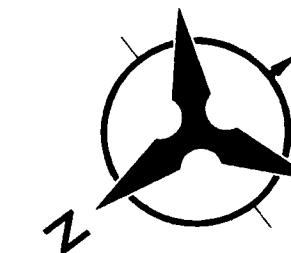
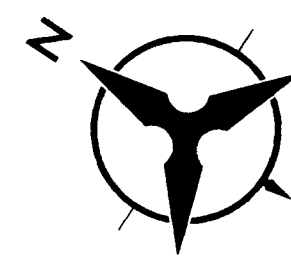
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FILENAME: MARCADA.GRF

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

SCANNED BY
BY LASON



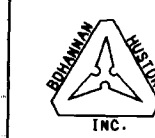
"A-1000 HORIZONTAL"
AND VERTICAL (A-1000 ONLY)



Note: No water line mains shown on this sheet were staked or "As-built" by Walker Surveying Co.

S. Walker
3-27-22

26 4308.901692

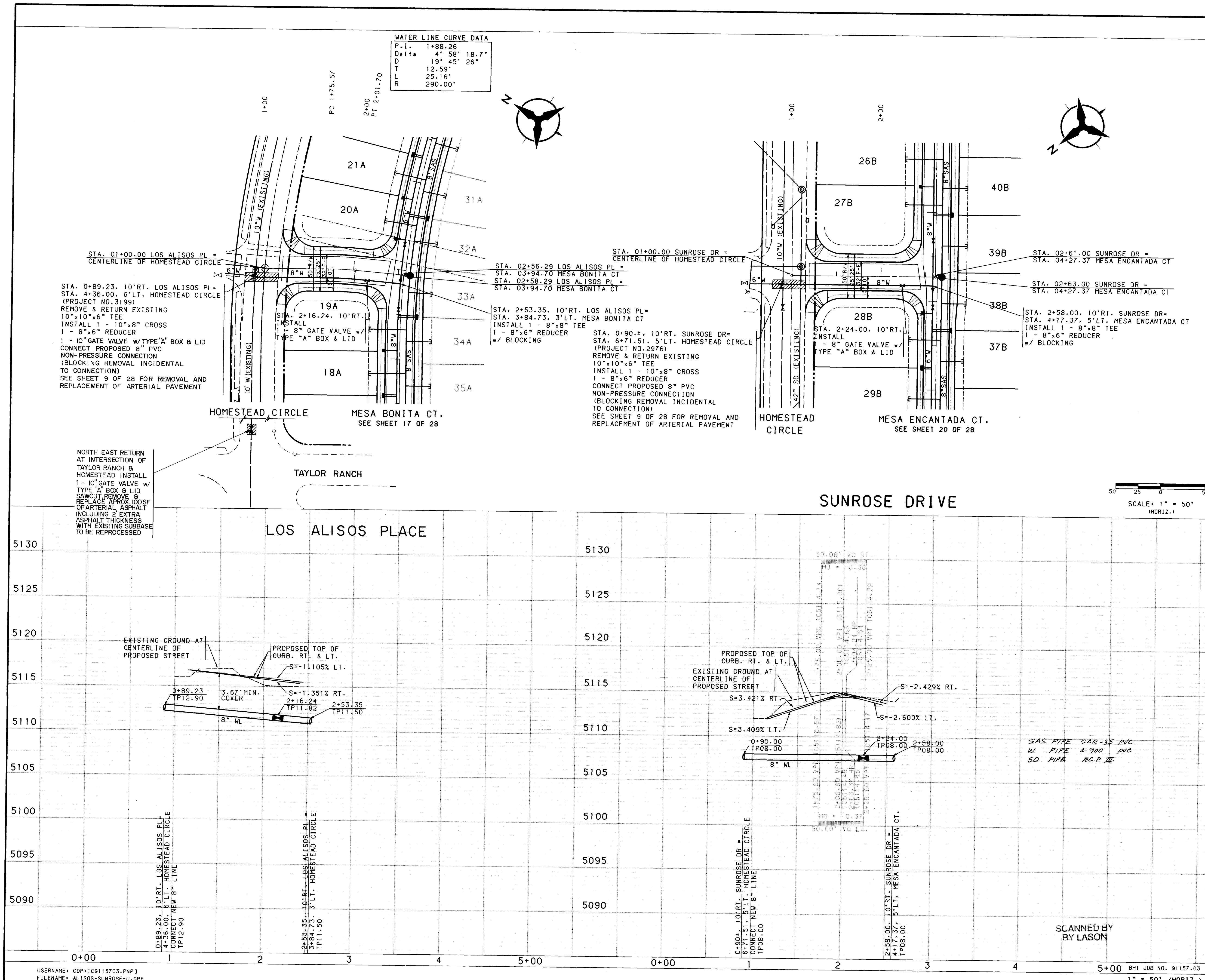


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

MESA ANTIGUA SUBDIVISION - PHASE I
UTILITY PLAN & PROFILE
LOS ALISOS PLACE / SUNROSE DRIVE

ECS AL1303		DATE / SONROSE DRIVE			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Robert Brown</i>	10/24/91	WATER	<i>Alister</i>	10-29-91
TRANSPORTATION	<i>R. Danks</i>	10-03-91	WASTE WATER	<i>HALO</i>	..
HYDROLOGY	<i>Paul Rogers</i>	10/03/91			

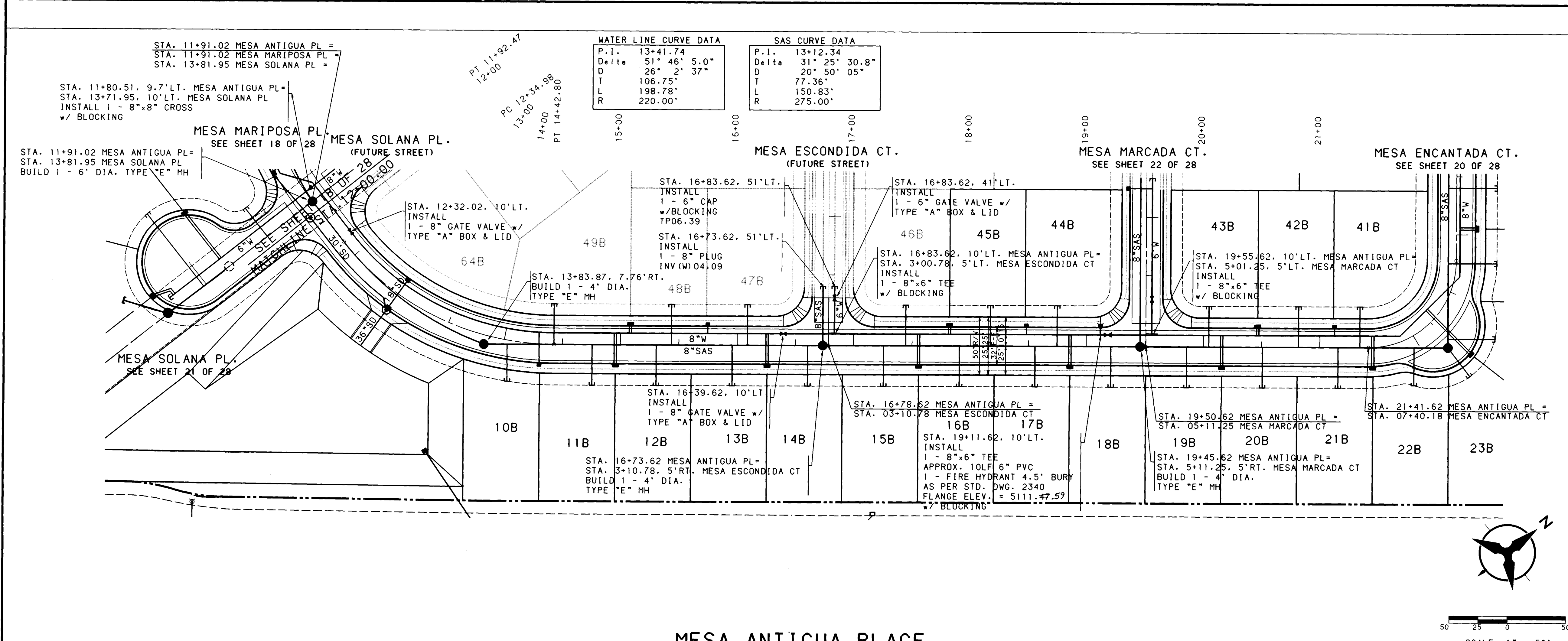
DRAWING NO.	4308.90	MAP NO. D-11, D-12 E-11, E-12	SHEET 16 OF 28
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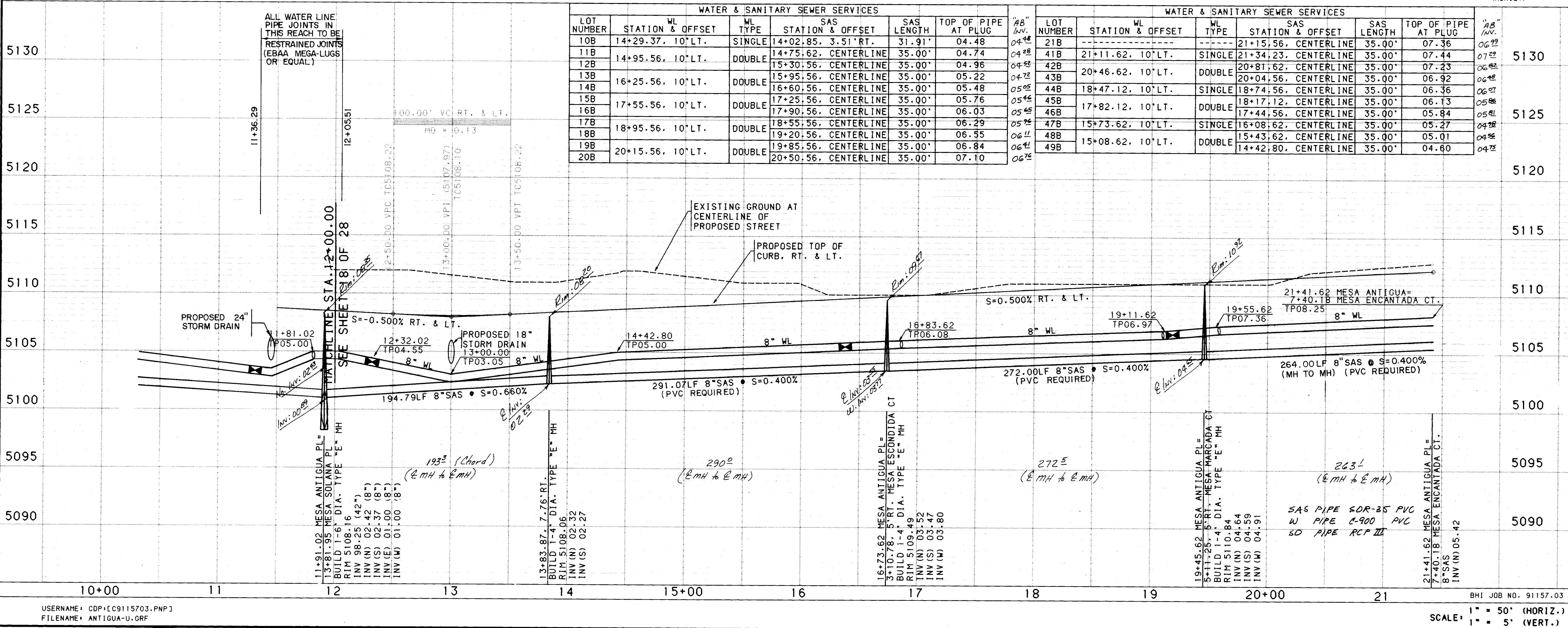
SCANNED BY
BY LASON

5+00 BHI JOB NO. 91157.03
SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

USERNAME: CDP:[C9115703.PNP]
FILENAME: ALISOS-SUNROSE-II.GRE



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



ENGINEER'S SEAL

DATE: 9-15-99

REVISIONS

DESIGN

NO. DATE

DESIGNED BY: GJ / TH

DRAWN BY: TSG / PL

CHECKED BY: ALD

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

MESA ANTIGUA SUBDIVISION - PHASE I
UTILITY PLAN & PROFILE
MESA ANTIGUA PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	R. J. [Signature]	10/24/91	WATER	[Signature]	10-24-91
TRANSPORTATION	R. J. [Signature]	10-24-91	WASTE WATER	[Signature]	"
HYDROLOGY	[Signature]	10/24/91	SEWER	[Signature]	"

MAP NO. D-11, D-12, E-11, E-12

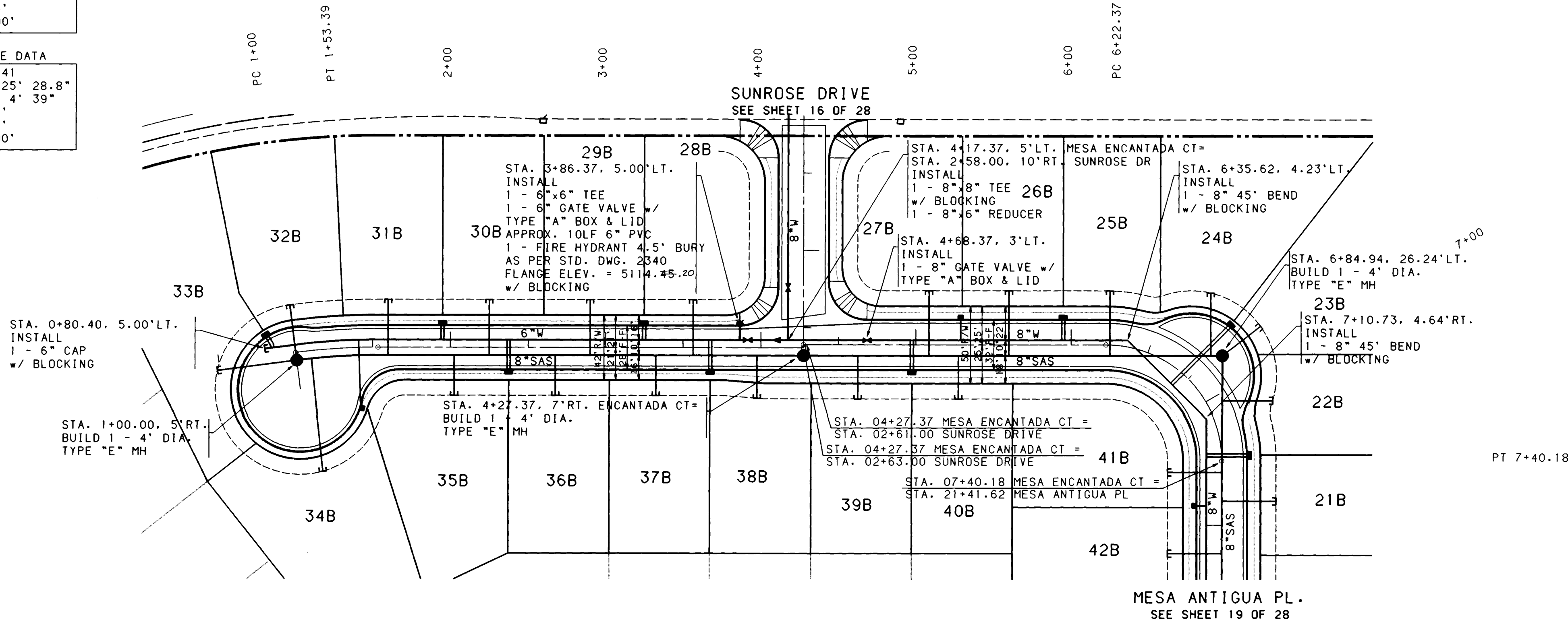
SHEET 19 OF 28

USERNAME: CDP\CD9115703.PWP
FILENAME: ANTIGUA-U.GRF

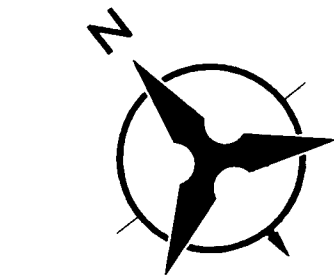
SCANNED BY
BY LASON

WATER LINE CURVE DATA	
P.I.	1+27.06
Delta	7° 25' 28.8"
D	13° 44' 24"
T	27.06'
L	54.04'
R	417.00'

SAS CURVE DATA	
P.I.	1+26.41
Delta	7° 25' 28.8"
D	14° 4' 39"
T	26.41'
L	52.74'
R	407.00'



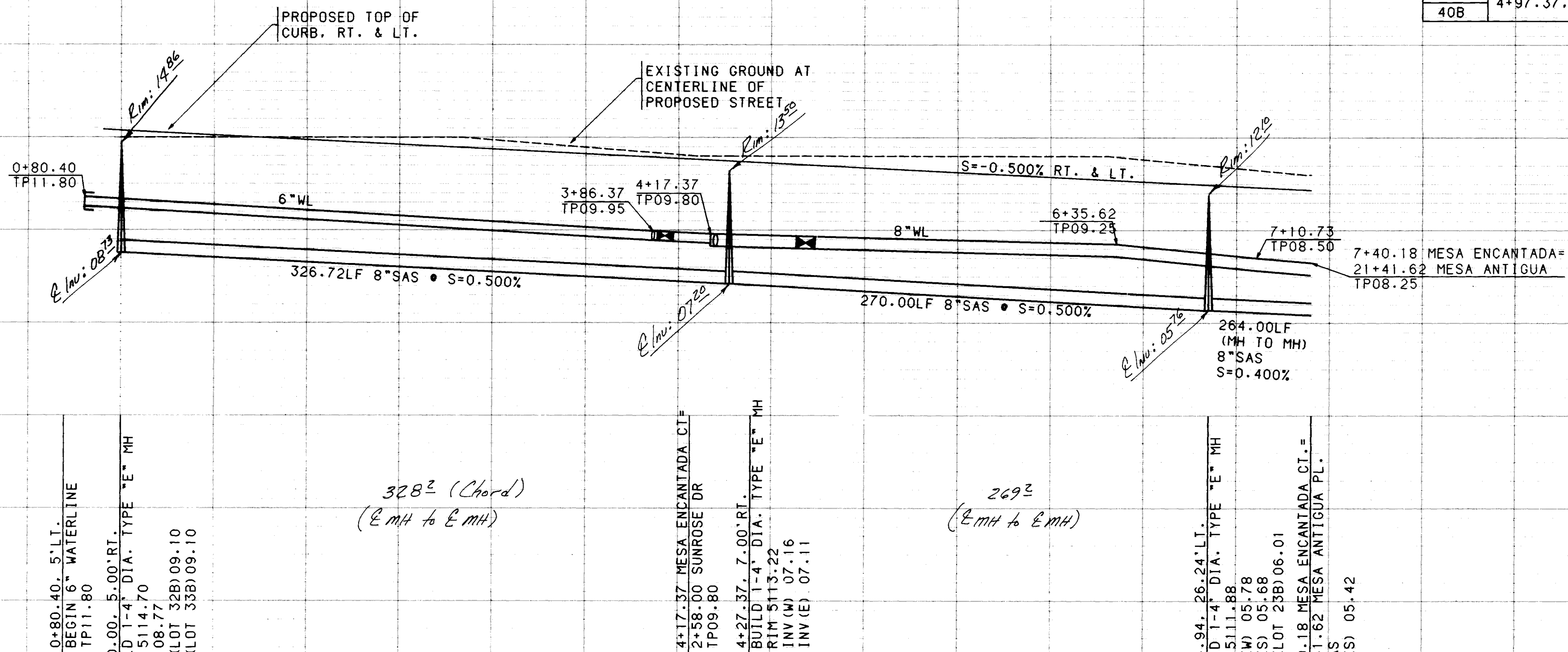
- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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 12. WHEEL CHAIR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



SCALE: 1" = 50' (HORIZ.)

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
21B	7+36.93, 10' RT.	DOUBLE	7+04.26, 9.51' LT.	32.61'	07.53
22B	6+75.28, 9.79' RT.	DOUBLE	6+84.94, MH	31.19'	06.63
24B	5+94.87, 3' LT.	DOUBLE	6+81.00, 20.81' LT.	40.56'	08.02
25B	5+29.87, 3' LT.	DOUBLE	6+25.13, 7' RT.	41.97'	08.39
26B	3+24.87, 5' LT.	DOUBLE	5+59.87, 7' RT.	42.00'	08.72
27B	3+24.87, 5' LT.	DOUBLE	5+08.37, 7' RT.	42.00'	08.98
28B	3+24.87, 5' LT.	DOUBLE	3+56.37, 5' RT.	36.00'	09.58
29B	3+24.87, 5' LT.	DOUBLE	2+89.87, 5' RT.	36.00'	09.91

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
30B	1+94.87, 5' LT.	DOUBLE	2+24.87, 5' RT.	36.00'	10.23
31B	0+85.40, 5' LT.	DOUBLE	1+59.87, 5' RT.	36.00'	10.56
32B	1+40.95, 5' LT.	DOUBLE	1+00.00, MH	36.00'	09.82
33B	1+40.95, 5' LT.	DOUBLE	1+00.00, MH	51.61'	10.13
34B	1+40.95, 5' LT.	SINGLE	1+09.62, 5' RT.	73.35'	11.93
35B	2+37.37, 5' LT.	DOUBLE	2+02.37, 5' RT.	26.00'	10.04
36B	2+37.37, 5' LT.	DOUBLE	2+67.37, 5' RT.	26.00'	09.72
37B	3+67.37, 5' LT.	DOUBLE	3+32.37, 5' RT.	26.00'	09.45
38B	3+67.37, 5' LT.	DOUBLE	3+97.37, 5' RT.	27.63'	09.12
39B	4+97.37, 3' LT.	DOUBLE	4+62.37, 7' RT.	28.00'	08.79
40B	4+97.37, 3' LT.	DOUBLE	5+27.37, 7' RT.	28.00'	08.46



SAS PIPE SDR-35 PVC
W PIPE 2-900 PVC
SD PIPE RCP III

"AS BUILT" HORIZ. INTAL
AND VERTICAL LOCATION ONLY



Note: No water line mains shown on this sheet were staked or "As-Built" by Walker Surveying Co.



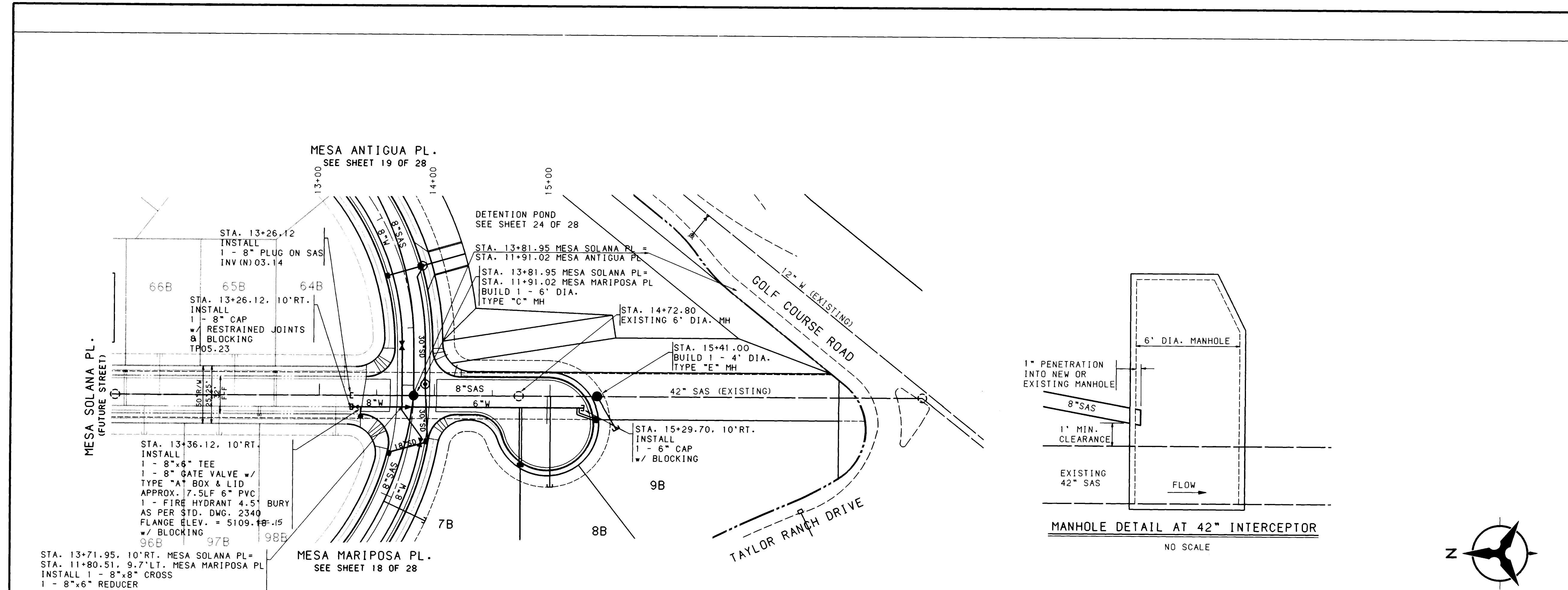
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING



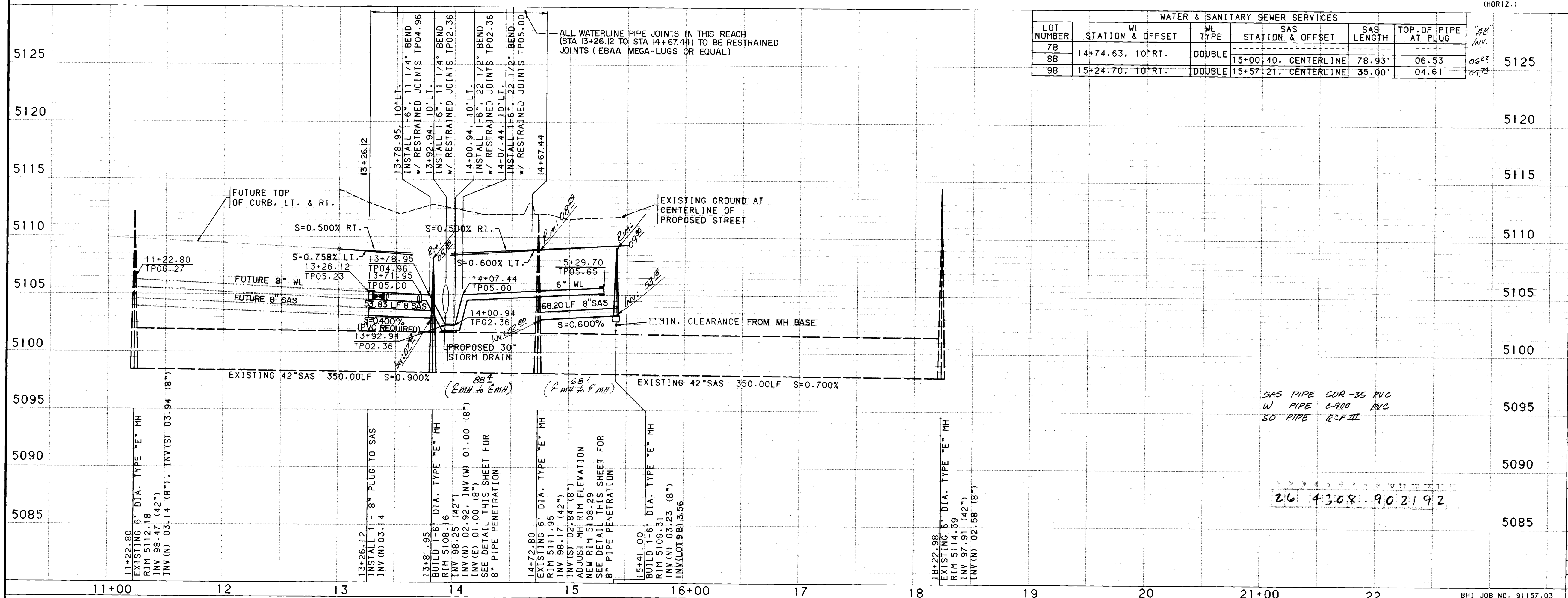
MESA ANTIGUA SUBDIVISION - PHASE I
UTILITY PLAN & PROFILE
MESA ENCANTADA COURT

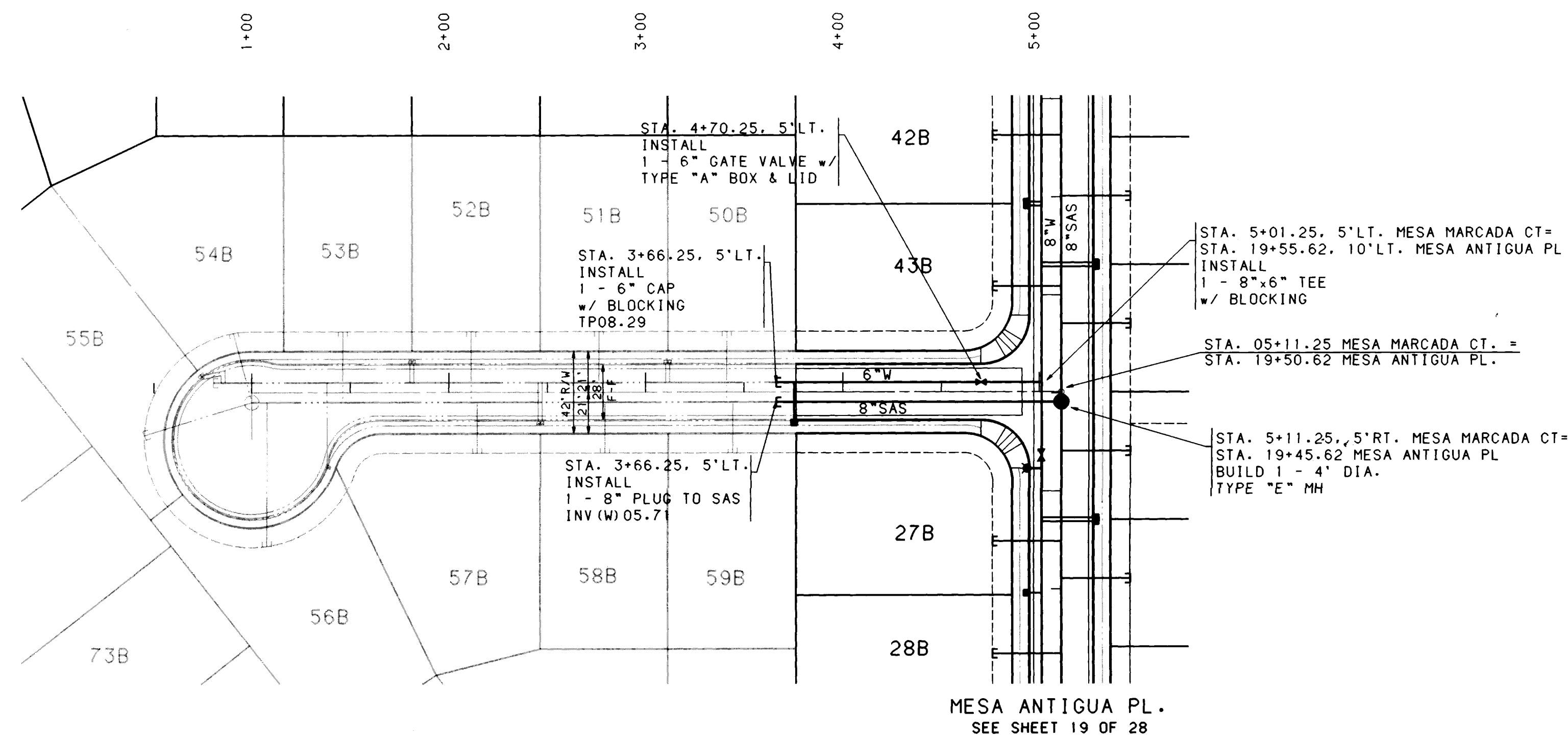
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	Reginald	10-2-91	WATER	Reginald	10-7-91
TRANSPORTATION	Reginald	10-2-91	WASTE WATER	Reginald	10-7-91
HYDROLOGY	Reginald	10-2-91			

DRAWING NO.	MAP NO.	SHEET	OF
4308.90	D-11, D-12 E-11, E-12	20	28

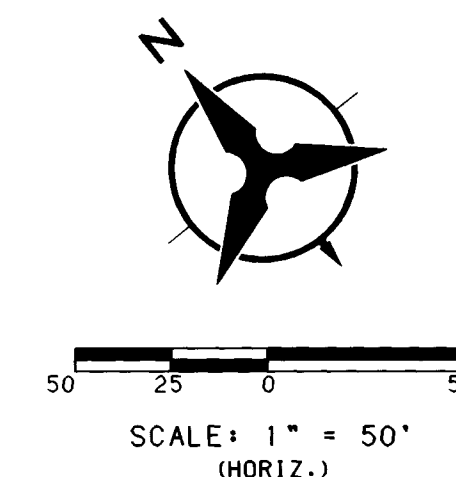


MESA SOLANA PLACE

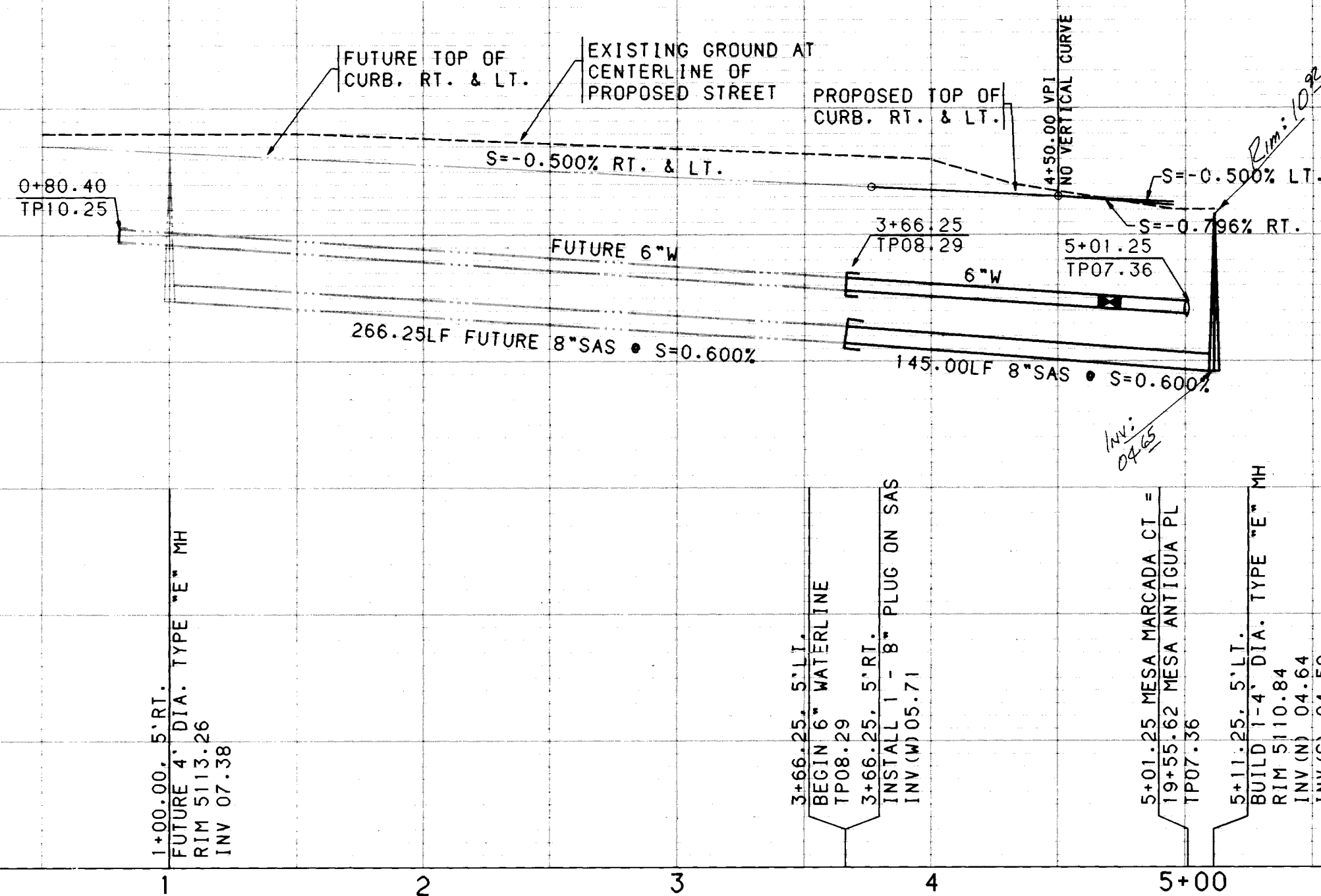




MESA MARCADA COURT



WATER SERVICES			
LOT NUMBER	STATION & OFFSET	WL TYPE	
59B	3+76.25, 5' LT.	SINGLE	



SAS PIPE SDR-35 PVC
W PIPE C-900 PVC
SD PIPE RCP III

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AS-BUILT INFORMATION

CONTRACTOR: *Walker Surveying*

INSPECTOR: *J. Johnson*

DATE: *10/26/92*

DATE: *10/26/92*

DATE: *10/26/92*

DATE: *10/26/92*

DATE: *10/26/92*

DATE: *10/26/92*

BENCH MARKS

THE BENCH MARK IS A 2" ALUMINUM CAP STAMPED "LS 6544", LOCATED APPROXIMATELY S27°35'15"W, 283.24' FROM THE SW BOUNDARY CORNER NEAR THE INTERSECTION OF GOLF COURSE ROAD AND TAYLOR RANCH DRIVE.

ELEVATION = 5119.22

SURVEY INFORMATION

NO. *4308.90*

DATE *10/26/92*

BY *[Signature]*

ENGINEER'S SEAL

[Seal: STEPHEN E. WALKER, PROFESSIONAL SURVEYOR, 3-27-92]

REMARKS: *DESIGN*

REVISIONS:

NO. DATE

DESIGNED BY: *GJ / TM*

DRAWN BY: *TSG / PL*

CHECKED BY: *KD*

DATE: *8/91*

DATE: *8/91*

DATE: *8/91*

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING

MESA ANTIGUA SUBDIVISION - PHASE I

UTILITY PLAN & PROFILE

MESA MARCADA COURT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	<i>10/24/92</i>	WATER	<i>[Signature]</i>	<i>10-2-92</i>
TRANSPORTATION	<i>[Signature]</i>	<i>10-27-92</i>	WASTE WATER	<i>[Signature]</i>	<i>10-27-92</i>
HYDROLOGY	<i>[Signature]</i>	<i>10/23/92</i>			

26 4308.90 902292

BHI JOB NO. 91157.01

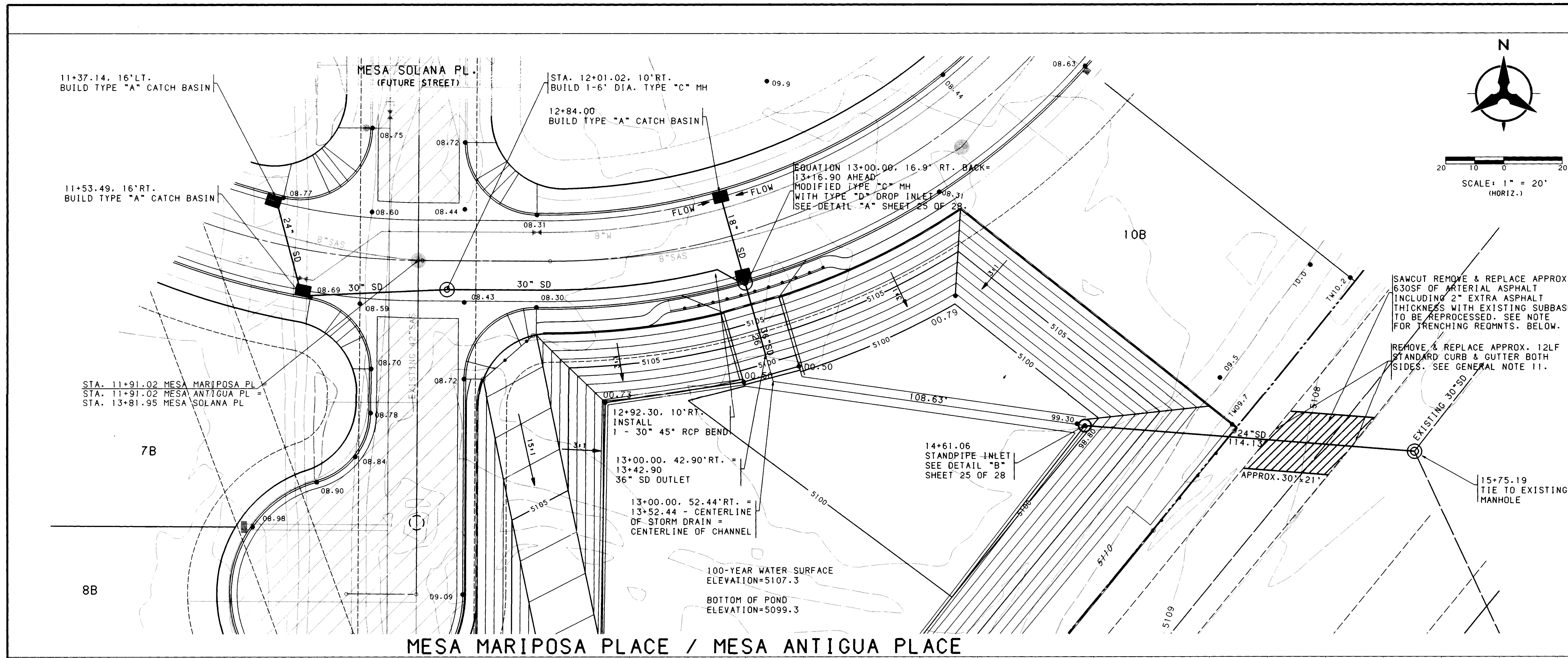
SCALE: 1" = 50' (HORIZ.)
1" = 5' (VERT.)

SCANNED BY
BY LASON

MAP NO. *4308.90*

SHEET 22 OF 28

USERNAME: CDP\CG9115701.PNP
FILENAME: MARCADA-U.GRF



NOTES

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TRENCHING REQUIREMENTS FOR STORM DRAIN:
THE INSTALLATION OF THE 18" STORM PIPE WILL REQUIRE A TRENCHING DEPTH OF 14". THE TRENCH WILL BE SHORED OR SHIELDED IN ACCORDANCE W/ SUBPART P-EXCAVATIONS ARTICLE 1926.650, 1926.61, 1926.62 AND APPENDICES A&B.

AS-BUILT INFORMATION

CONTRACTOR	UNIVERSAL
INSPECTOR'S	WALKER SURVEY
FIELD ENGINEER	WALKER SURVEY
DATE	
DATE	
DATE	
DATE	
DATE	

BENCH MARKS

THE BENCH MARK IS A 2" ALUMINUM CAP STAMPED	DATE
"LS 6544", LOCATED APPROXIMATELY	
S27°35'15"W, 283.24' FROM THE SW BOUNDARY	
CORNER NEAR THE INTERSECTION OF GOLF COURSE	
ROAD AND TAYLOR RANCH DRIVE.	
ELEVATION = 5119.22	

SURVEY INFORMATION

NO.	BY	DATE

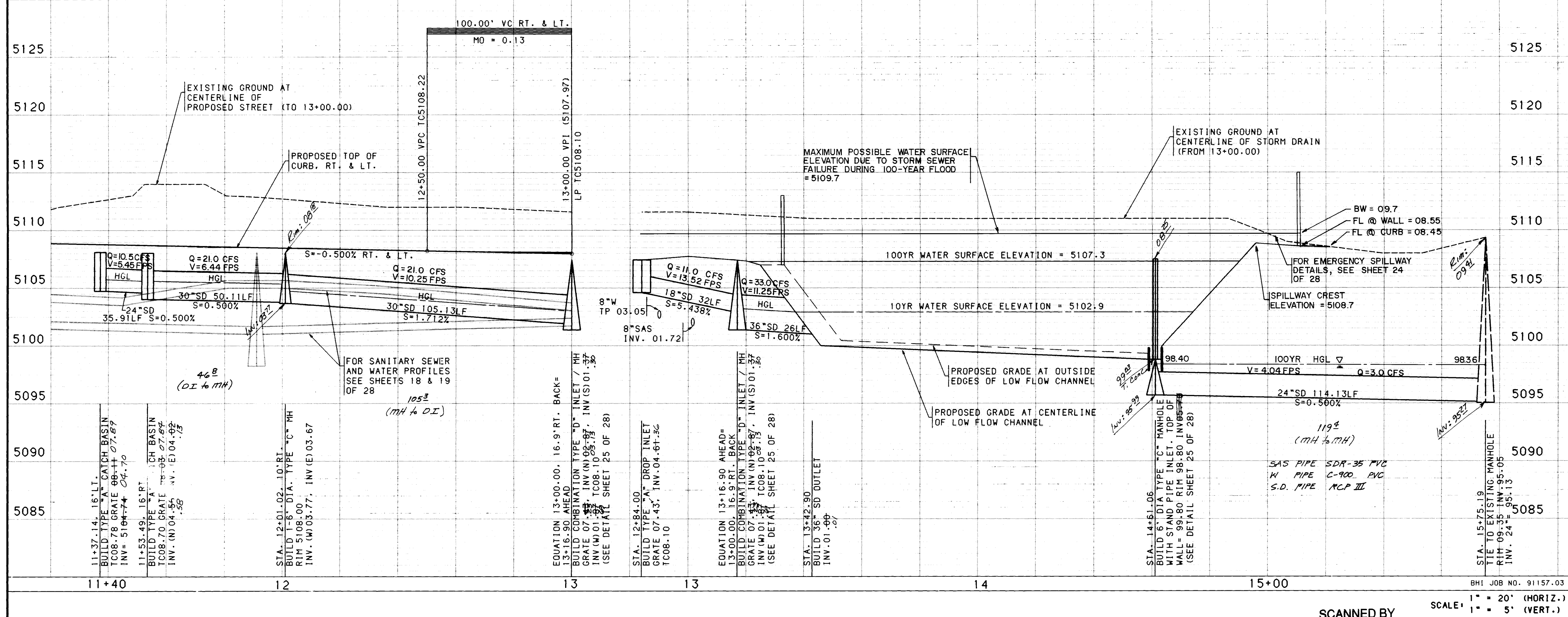
ENGINEER'S SEAL

STEPHEN E. WALKER
NEW MEXICO
PROFESSIONAL SURVEYOR
3-27-92

REMARKS
REVISIONS
DESIGN

DESIGNED BY: GJ / TH
DRAWN BY: SAR
CHECKED BY: KJO

DATE: 8/91
DATE: 8/91
DATE: 8/91



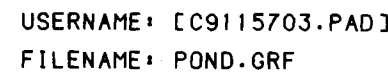
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

MESA ANTIGUA SUBDIVISION - PHASE I
STORM DRAIN PLAN & PROFILE
MESA MARIPOSA PLACE / MESA ANTIGUA PLACE

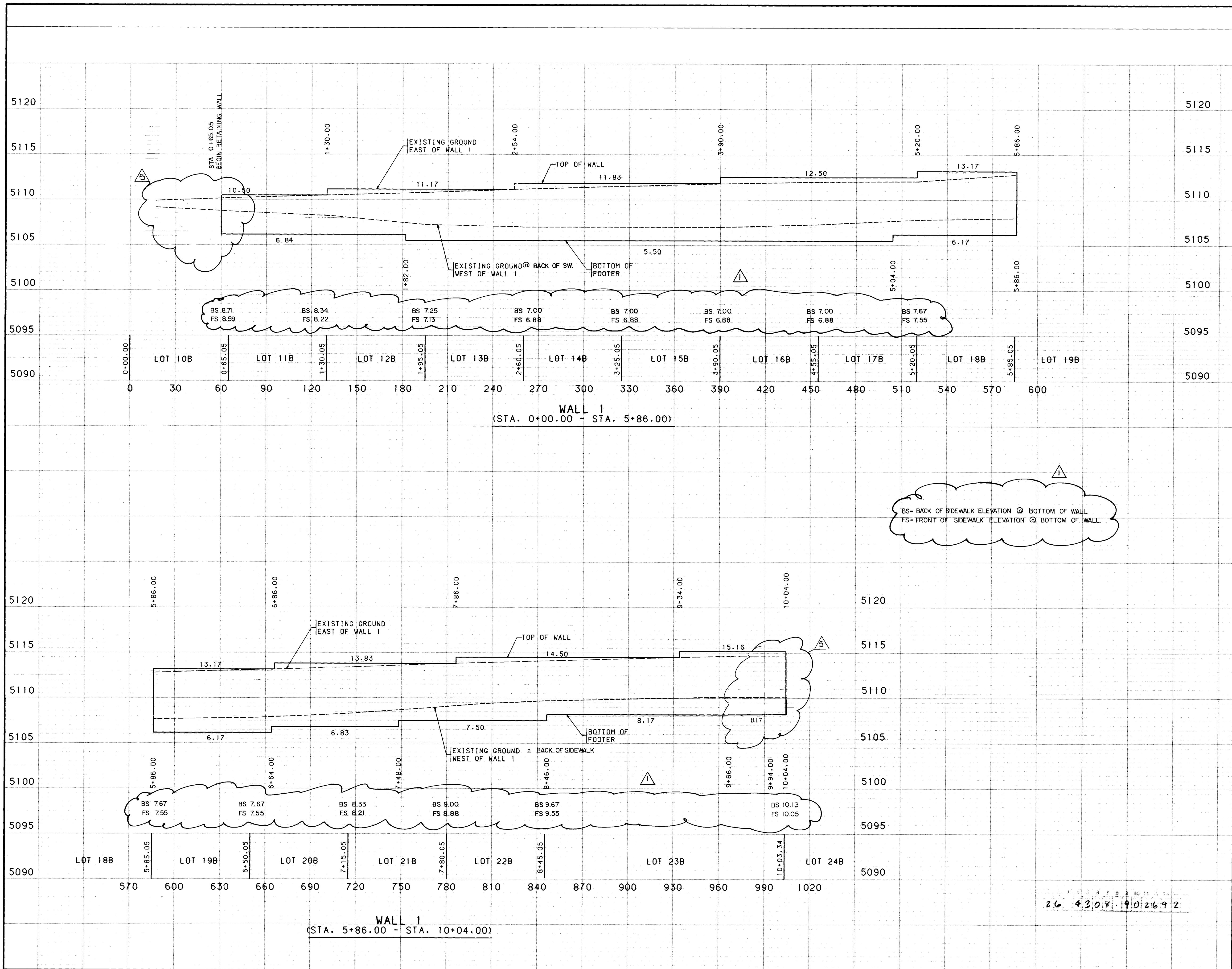
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	10/2/91		WATER	10/2/91	
TRANSPORTATION	10/2/91		WASTE WATER	10/2/91	
HYDROLOGY	10/2/91				

DRAWING NO. 4308.90 MAP NO. D-11, D-12, E-11, E-12 SHEET 23 OF 28



BHI JOB NO. 91157.03

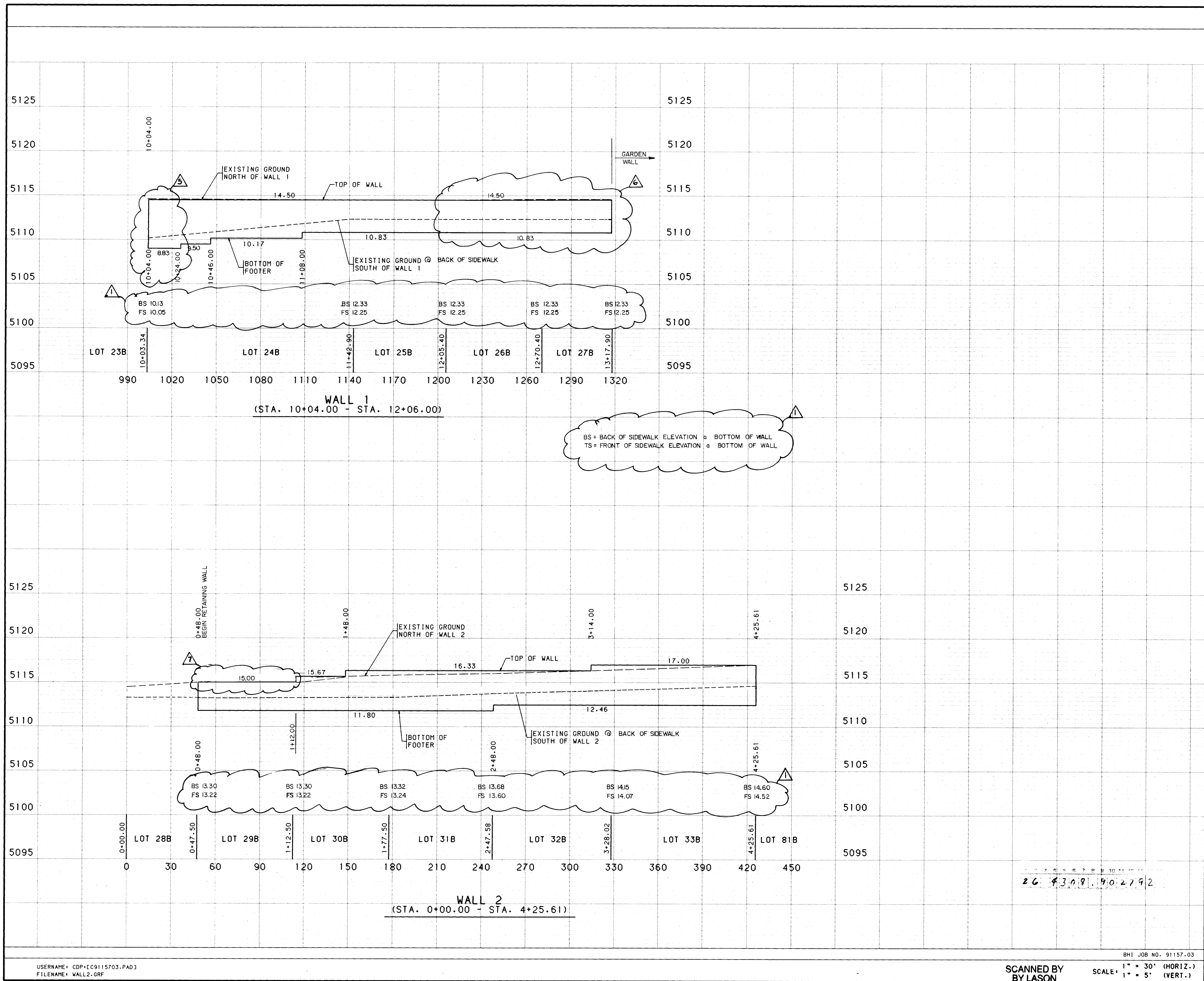
SCANNED BY
BY LASON



AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR: Universal		THE BENCH MARK IS A 2" ALUMINUM CAP STAMPED "LS 6544", LOCATED APPROXIMATELY S27°35'15"W, 283.24' FROM THE SW BOUNDARY CORNER NEAR THE INTERSECTION OF GOLF COURSE ROAD AND TAYLOR RANCH DRIVE.		FIELD NOTES BY: DATE: NO.:		DATE: 9/20/91	
INSPECTOR: J. J. Johnson		DATE: 9/20/91		NO.:		REVISIONS	
ACCEPTANCE BY: J. J. Johnson		DATE: 9/20/91		NO.:		DESIGN	
DRAWINGS CORRECTED BY: J. J. Johnson		DATE: 9/20/91		NO.:		DESIGNED BY: GJ / DB	
MICRO-FILM INFORMATION		ELEVATION = 5119.22		NO.:		DRAWN BY: JS6 / GJ	
NO.:		NO.:		NO.:		CHECKED BY: DB	

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING					
MESA ANTIGUA SUBDIVISION - PHASE I RETAINING WALL PROFILES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	P. J. Johnson	10/24/91	WATER	N/A	
TRANSPORTATION	P. J. Johnson	10/23/91	WASTE WATER	N/A	
HYDROLOGY	P. J. Johnson	10/23/91			

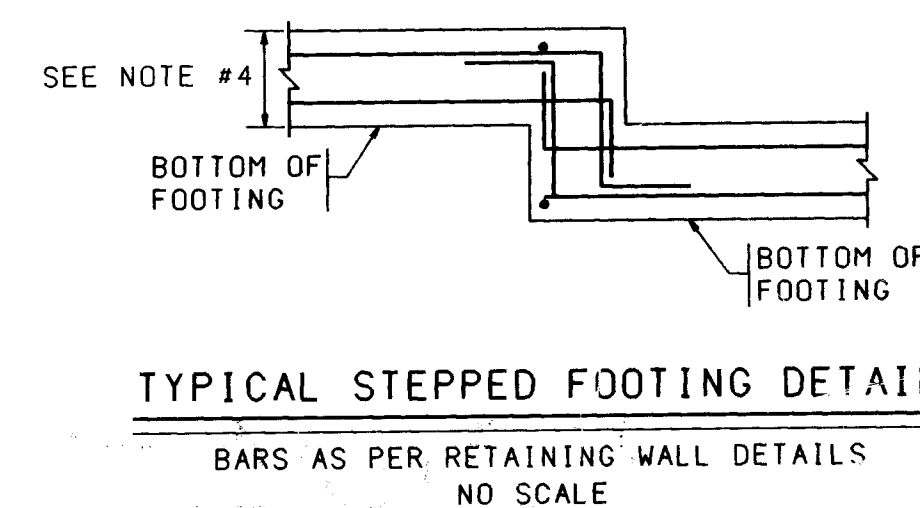
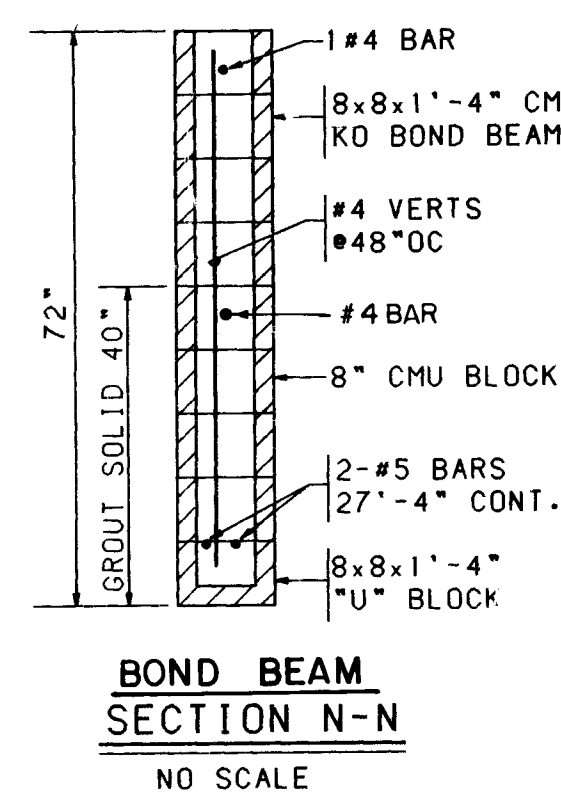
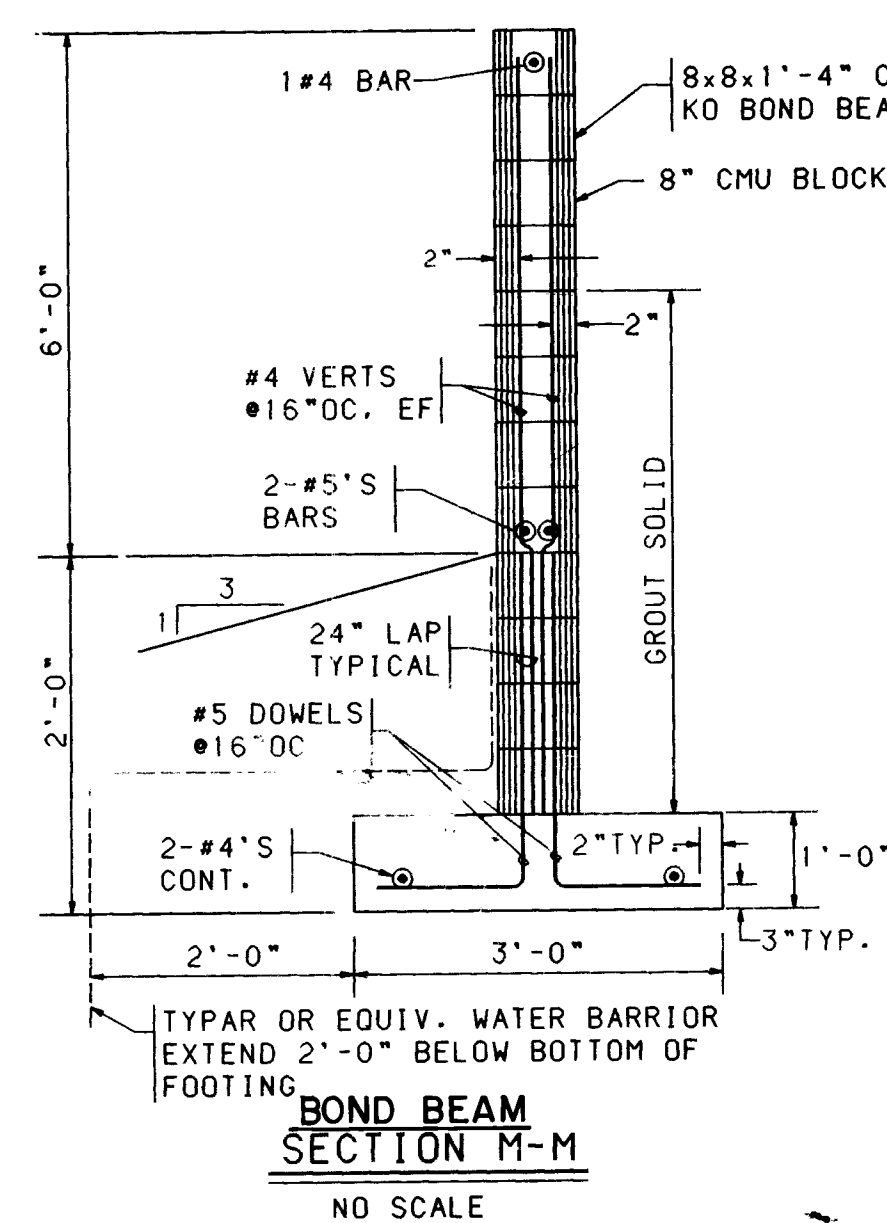
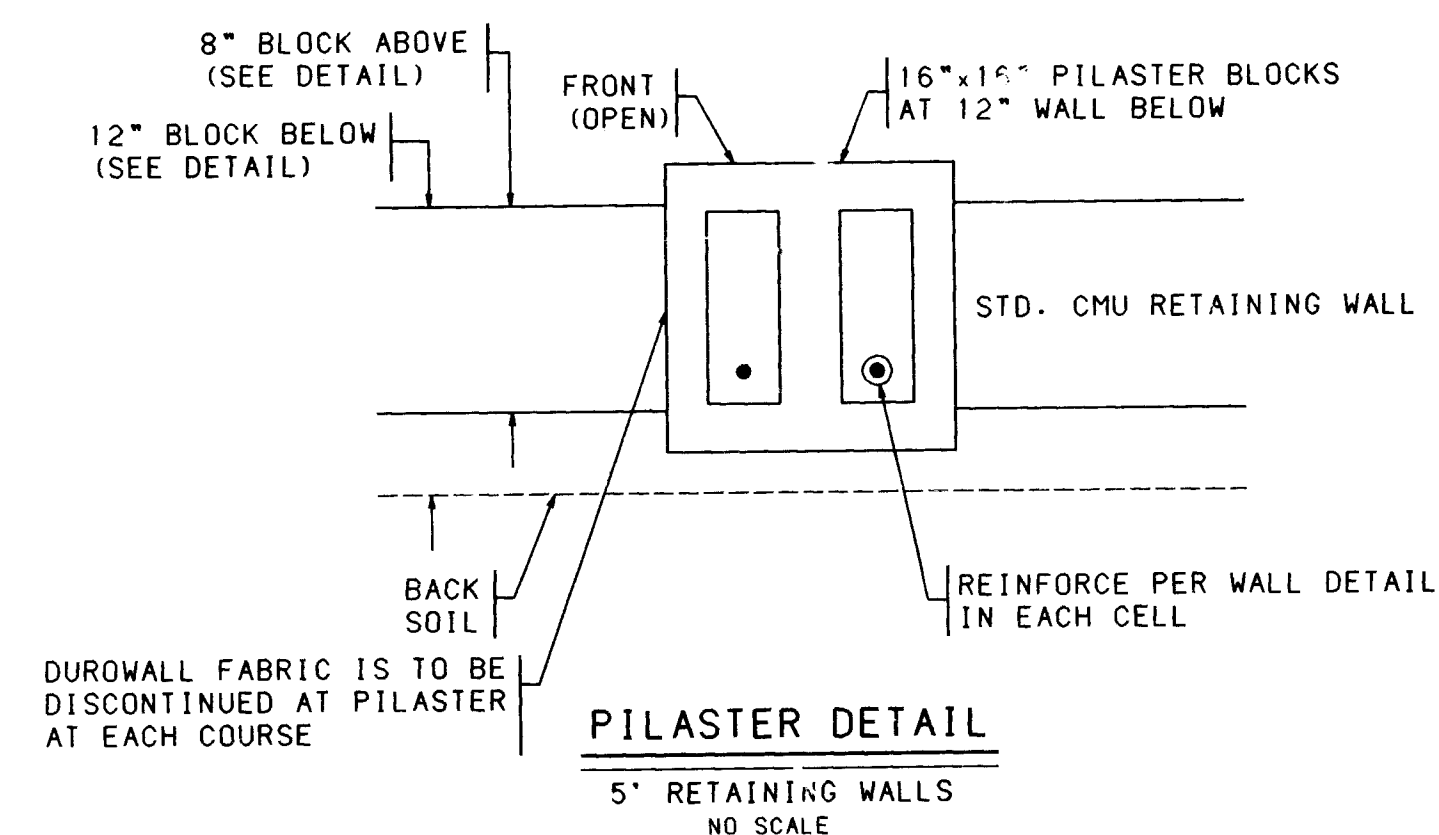
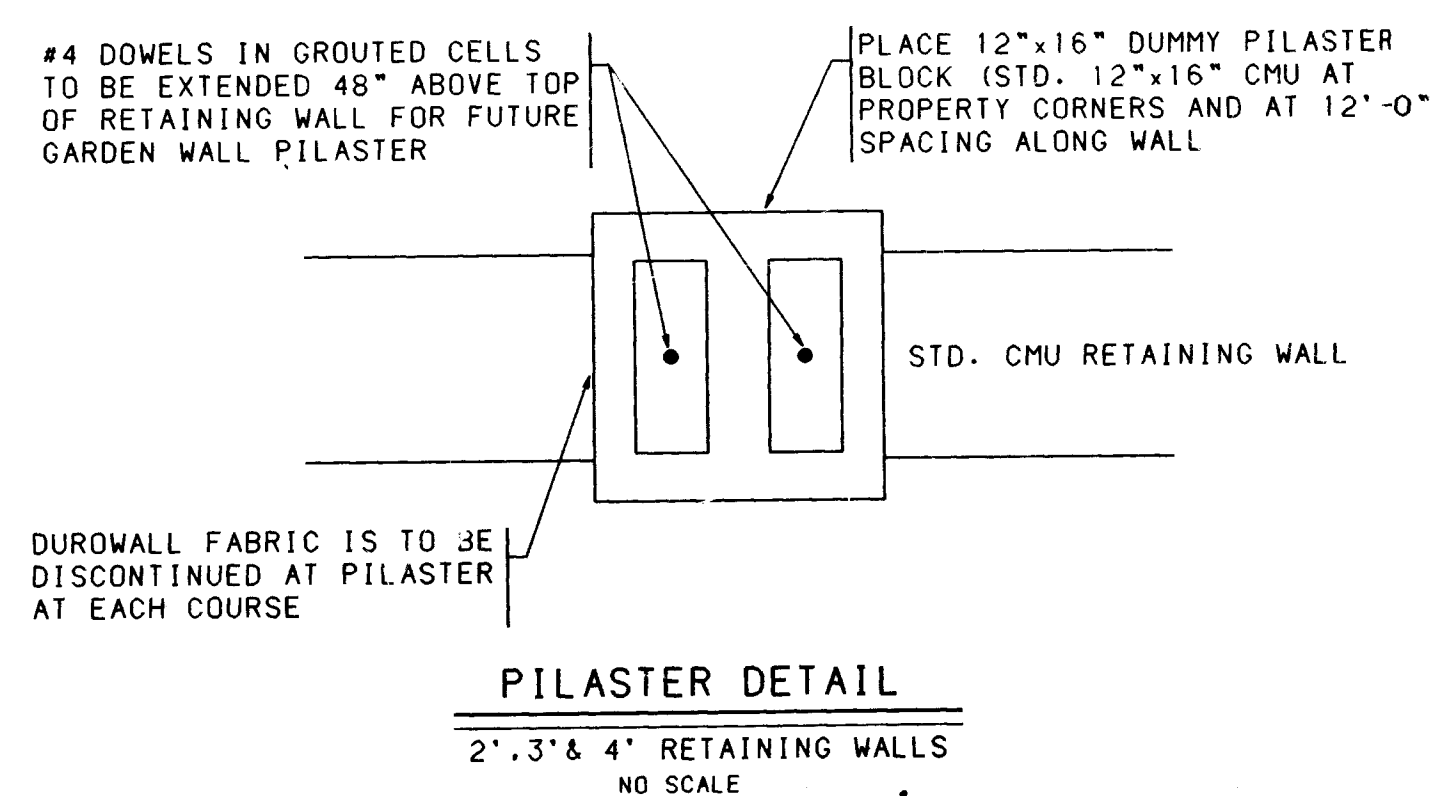
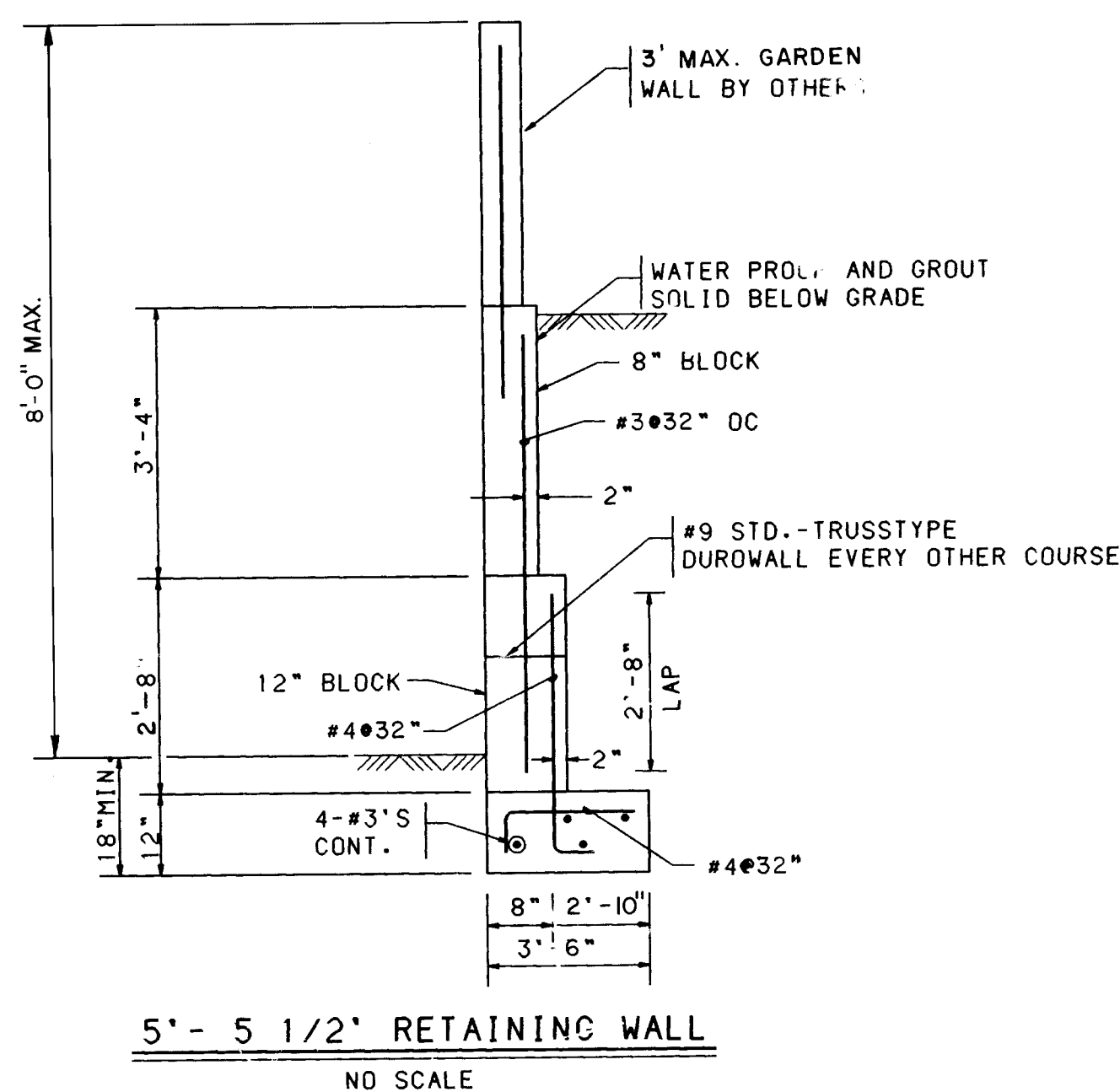
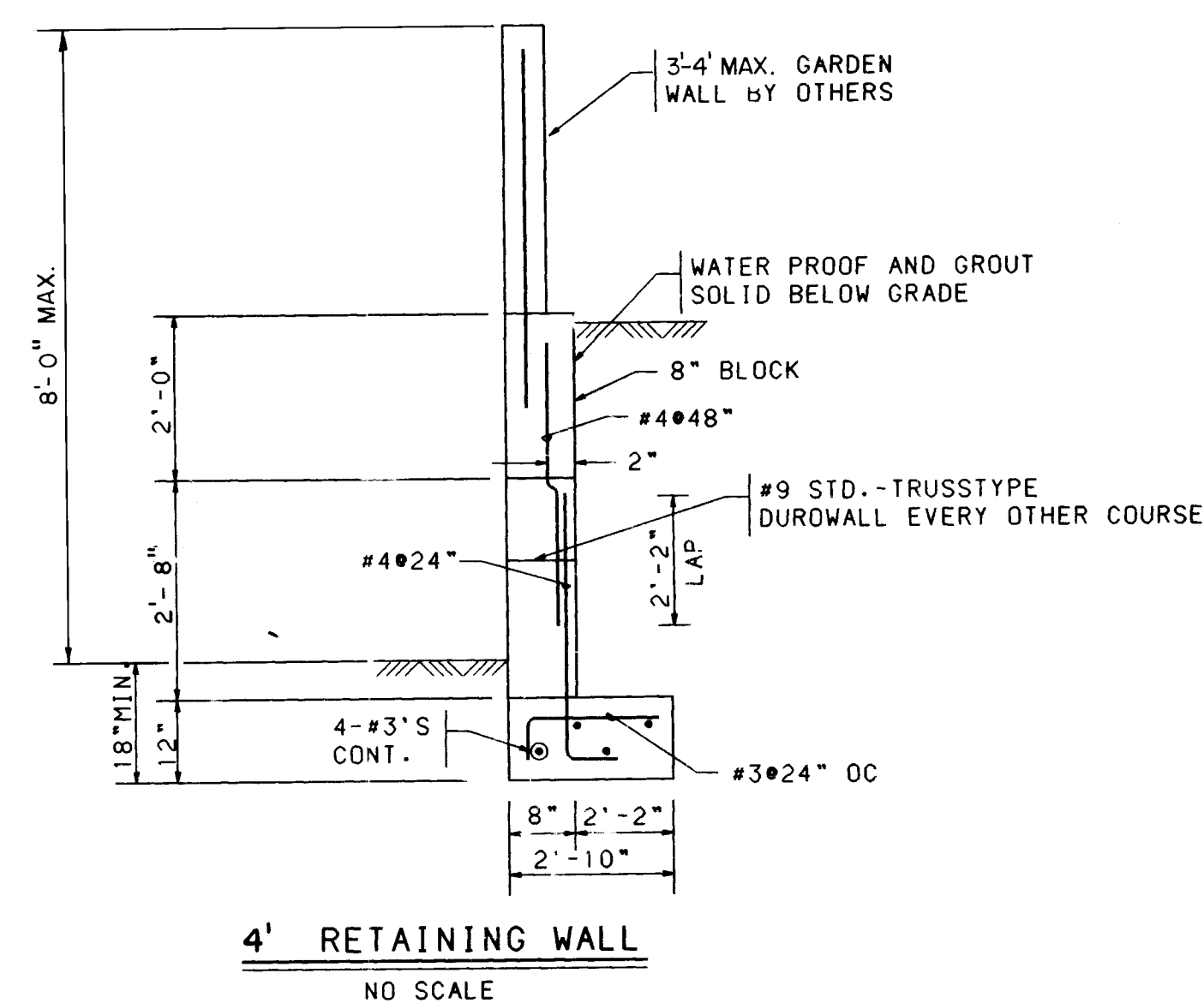
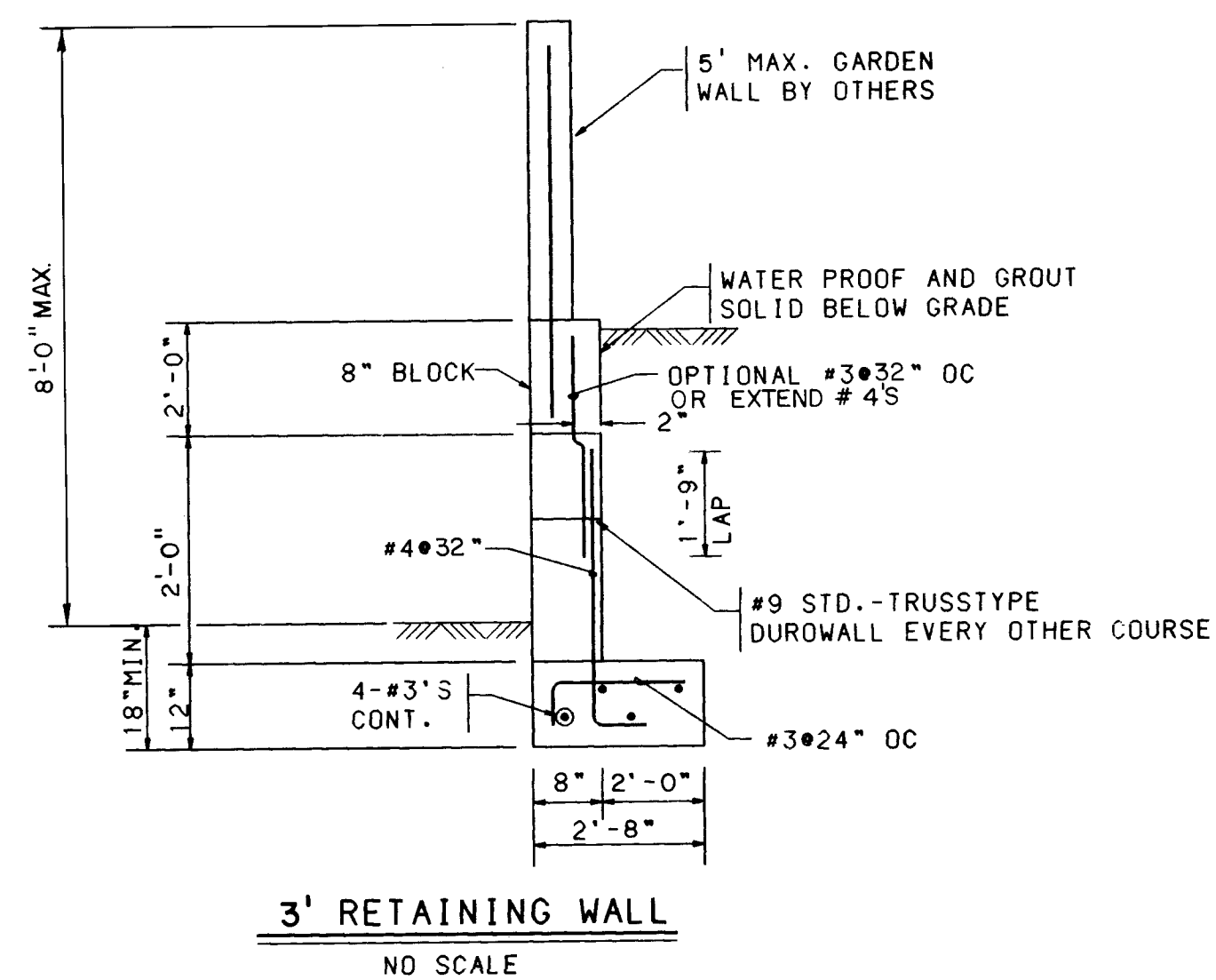
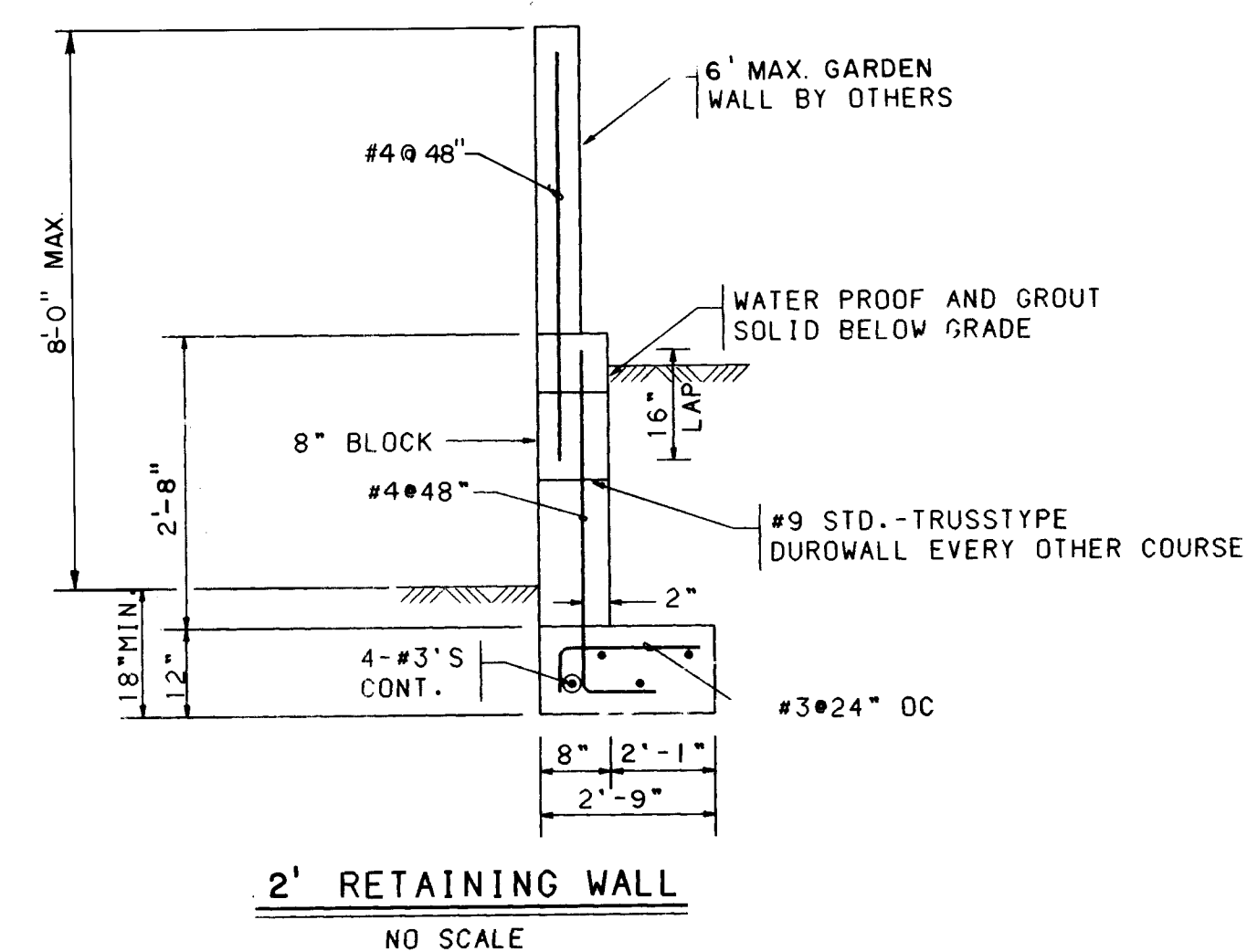
DRAWING NO. 4308.90		MAP NO. D-11, D-12 E-11, E-12		SHEET 26 OF 28	
SCANNED BY LASON		SCALE: 1" = 30' (HORIZ.) 1" = 5' (VERT.)		BHI JOB NO. 91157.03	



AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	THE BENCH MARK IS A 2" ALUMINUM CAP STAMPED	DATE	NO.	BY		REVISIONS
INSPECTOR	DATE	"LS 6544", LOCATED APPROXIMATELY	DATE	NO.	BY		
ACCEPTANCE BY	DATE	"LS 6544", LOCATED APPROXIMATELY	DATE	NO.	BY		
VERIFICATION BY	DATE	"LS 6544", LOCATED APPROXIMATELY	DATE	NO.	BY		
MICRO-FILM INFORMATION		CORNER NEAR THE INTERSECTION OF GOLF COURSE		DESIGNED BY		DATE	
RECORDED BY		ROAD AND TAYLOR RANCH DRIVE.		DRAWN BY		DATE	
NO.		ELEVATION = 5119.22		CHECKED BY		DATE	

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING			
MESA ANTIGUA SUBDIVISION - PHASE I RETAINING WALL PROFILES			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	<i>Ronald Brown</i>	10/24/91	WATER
TRANSPORTATION	<i>R. Brown</i>	10/22/91	WASTE WATER
HYDROLOGY	<i>Paul J. Brown</i>	10/23/91	

DRAWING NO. 4308.90		MAP NO. D-11, D-12, E-11, E-12		SHEET 27 OF 28	
SCANNED BY BY LASON		SCALE: 1" = 30' (HORIZ.) 1" = 5' (VERT.)		Copyright Bohannon-Huston, Inc. 1991	



GENERAL NOTES

1. Retaining wall footings should be embedded a minimum of eighteen inches below lowest adjacent grade. Prior to placing footings, the exposed soils should be scarified to a depth of eight (8") inches, moisture conditioned to a near optimum ($\pm 3\%$) moisture content and compacted to a minimum of 95% of maximum density as determined by ASTM D-1557.
2. Retaining wall shall not be backfilled until at least 7 days after placing of final grout level. Where heavy equipment is used in backfilling such equipment should not approach closer to the top of the wall than a distance equal to the height of the wall. Care should be taken to avoid exerting impact forces on the wall as could be caused by a large mass of moving earth.

Slopes up away from walls should not exceed 3:1.
3. Vertical control joints with PVC inserts shall be placed at intervals not to exceed 30'-0" on center. Pilasters may be substituted for control joints when placed at 12'-0" intervals. Discontinue diaphragm each side of pilasters.
4. Minimum lap splice on reinforcing bars shall be 30 bar diameters or 1'-4" minimum. Reinforcement of a size and spacing other than that given in the tables may be used providing such other reinforcement furnishes an area of steel area at least equal to that given in the table.
5. Construction of retaining walls shall conform to requirements of the Uniform Building Code Section 24, lowlift grouting method.
6. Omission of a vertical mortar joint on first course at 48" O.C. may be substituted for PVC weep holes. White slump block with a minimum compressive strength of 1500 psi may be substituted for standard CMU Grade N.

[illegible]

	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
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MESA ANTIGUA SUBDIVISION - PHASE I
RETAINING WALL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Roger L. Brown</i>	10/24/91	WATER	<i>N/A</i>	
TRANSPORTATION	<i>RT Smith</i>	10-23-91	WASTE WATER	<i>N/A</i>	
HYDROLOGY	<i>Timothy J. Brown</i>	10/23/91			

DRAWING NO.	4308.90	MAP NO. D-11, D-12 E-11, E-12	SHEET 28 OF 2
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