CONSTRUCTION PLANS
FOR
THE CROSSING SUBDIVISION
UNIT II
ALBUQUERQUE, NEW MEXICO

SCANNED BY MESA REPRO

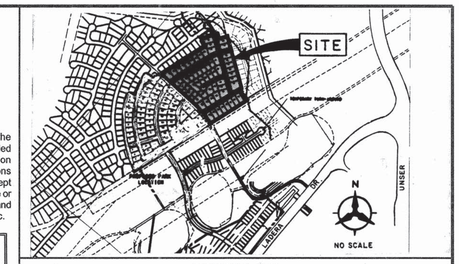
SCANNED BY MESA REPRO

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, William L. Vreeke, P.E. of the firm of Bohannan Huston, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project (The Crossing Subdivision, Unit II) has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by the contractor, Melendez Concrete, Inc. and their surveyor, Larry Medrano, NMPS 15700, of Bohannan Huston, Inc.

Engineers Seal & Signature

WILLIAM L. VREEKE — 8131 — REGISTERED PROFESSIONAL ENGINEER — 6/15/04



VICINITY MAP
NOT TO SCALE
H-9, J-9

INDEX

APPROVALS	ENGINEER	DATE
DRC Chairman		3-19-03
Transportation		10/3/02
Water/Wastewater		10/3/02
Hydrology		2/27/03
CIP		
Const. Mngmt.		
Const. Coord.		3-19-03
AMAFCA		2-24-03

APPROVALS	ENGINEER	DATE
DRC Chairman		1-8-00
Transportation		2-15-00
Water/Wastewater		2/18/00
Hydrology		2-14-00
CIP		
Const. Mngmt.		
Const. Coord.		2-7-00
AMAFCA		2-10-00

BRUCE J. STOHOFFER — NEW MEXICO — 14523 — REGISTERED PROFESSIONAL ENGINEER — 2/1/00 — 4/20/02

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 8/23/04

NOTICE TO CONTRACTORS

1. 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 AND SHALL INCLUDE UPDATE No. 6
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. 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.
4. 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)~~ 924-3900 PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
5. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
6. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. 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. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE.
7. ANY WORK WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.

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.

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3/26/04 (DATE)

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

LARRY W. MEDRANO — NEW MEXICO — 11993 — REGISTERED PROFESSIONAL SURVEYOR

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
	17A	R Davis	6-08-04		6/8/04		6-8-04

ENGINEERS STAMP & APPROVAL — STATE OF NEW MEXICO — MICHAEL M. MARTINEZ — 10121 — PROFESSIONAL ENGINEER — 8/6/96

APPROVALS	ENGINEER	DATE
DRC Chairman		11-9-96
Transportation		8-15-96
Water/Wastewater		8-14-96
Hydrology		10-22-96
Parks		
Constr. Mngmt.		
AMAFCA		10/21/96

APPROVED FOR CONSTRUCTION
12-11-00 — 2/1/00
City Engineer — Date 10/8/03

CITY PROJECT NO. 545382

SHEET 1 OF 18

DRB #95-537 — BHI JOB NO. 95335A2405

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE — LAS CRUCES — SANTA FE

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DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PADJTITLE-UII.GRF

SP 00000000000000

PLAT OF UNIT 2 THE CROSSING

ALBUQUERQUE, NEW MEXICO
JUNE, 1996

LOCATION MAP

ZONE ATLAS INDEX MAP No. H-9-Z
NOT TO SCALE

SUBDIVISION DATA

1. DRB No.
2. Zone Atlas Index No. H-9-Z.
3. Gross Subdivision Acreage: 13.75100 Acres.
4. Total Number of Lots created: 59 Lots & 1 Tract.
5. Total Mileage of full width Streets created: 0.4419 miles
6. Total Mileage of partial width Streets created: 0.1554 miles.
7. Date of Survey: May, 1996
8. Plat is located within the Town of Atrisco Grant, within projected Section 9, T10N, R2E, NMPM.

DISCLOSURE STATEMENT

The purpose of this Plat is to Subdivide Unit 2, PLAT OF THE CROSSING, Albuquerque, New Mexico as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on _____ ___, 1996 as Document No. _____ in Volume 96C, Folio ___ into 59 Lots, 1 Tract, to dedicate public Street Right-of-Way to the City of Albuquerque and to grant easements.

NOTES

1. Basis of Bearings: New Mexico State Plane Grid Bearings (Central Zone NAD27 Datum) also being the same as Bearings shown on Subdivision Plat For PARKWAY UNIT 1, Filed: July 23, 1992 in Book 92C, Folio 157.
2. Distances are Ground Distances.
3. All easements of record are shown.
4. Centerline (in lieu of R/W monumentation) to be installed at all centerline PC's, PT's, angle points and street intersections prior to acceptance of subdivision street improvements and shall consist of a standard four-inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monumentation", "Survey Marker", "Do Not Disturb", "PLS# 6544"
5. All Lots to be "P1" and shall conform to Intermittent Parking Design Criteria, Item # 1
6. The Temporary Blanket Public Water Line Easement granted to the city of Albuquerque within "Unit 2" by PLAT OF THE CROSSING, filed:_____ ___, 1996 in Volume 96C, Folio _____is further defined and contained within the Public Rights-of-way as shown on this Plat and is automatically extinguished with filing of this Plat.

PUBLIC UTILITY EASEMENTS

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

A. PNM Electric Services 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.

B. PNM Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.

C. 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.

D. Jones Intercable 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.

DESCRIPTION

A certain tract of land situate within the Town of Atrisco Grant, within projected Section 9, Township 10 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, being and comprising all of Unit 2 of PLAT OF THE CROSSING, Albuquerque, New Mexico, as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on _____ ___, 1996 in Volume 96C, Folio _____ as Document No._____ and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone NAD27 Datum) and ground distances as follows:

BEGINNING at the most westerly corner of said Unit 2, a point on a curve (non-tangent) whence the ACS Monument "BH-40" (having New Mexico State Plane Grid Coordinates Central Zone NAD27 Datum of X=352,790.66 and Y=1,492,346.53) bears S27°11'49"W, a distance of 1895.94 feet and from said point of beginning running thence along the northwesterly boundary line of said Unit 2,
190.45 feet along the arc of a curve to the right having a radius of 762.00 feet and a chord which bears N50°45'30"E, a distance of 189.95 feet to a point of tangency, thence,
N57°54'27"E, a distance of 470.16 feet to a point; thence,
N40°14'59"W, a distance of 142.56 feet to a point; thence,
N57°47'50"E, a distance of 198.73 feet to the most northerly corner of said Unit 2, a point of curvature (non-tangent), thence running along the northeasterly boundary line of said Unit 2,
149.79 feet along the arc of a curve to the right having a radius of 525.00 feet and a chord which bears S24°01'44"E, a distance of 149.28 feet to a point of tangency, thence,
S15°51'19"E, a distance of 8.00 feet to a point; thence,
N74°08'41"E, a distance of 110.00 feet to a point; thence,
S15°51'19"E, a distance of 680.39 feet to a point; thence,
S57°54'25"W, a distance of 35.35 feet to a point; thence,
S32°05'35"E, a distance of 122.13 feet to the most easterly corner of said Unit 2, thence running along the southeasterly boundary line of said Unit 2,
S57°54'25"W, a distance of 509.17 feet to the most southerly corner of said Unit 2, a point of curvature (non-tangent), thence running along the southwesterly boundary line of said Unit 2,
347.61 feet along the arc of a curve to the left having a radius of 1350.00 feet and a chord which bears N40°53'58"W, a distance of 346.65 feet to a point of tangency, thence,
N48°16'34"W, a distance of 472.65 feet to the point and place of beginning.

Tract contains 13.75100 acres, more or less.

FREE CONSENT AND DEDICATION

The foregoing Plat of that certain tract of land situate within the Town of Atrisco Grant, within Projected Section 9, Township 10 North, Range 2 East, New Mexico Principal Meridian, Bernalillo County, Albuquerque, New Mexico, being and comprising all Unit 2, PLAT OF THE CROSSING, Albuquerque, New Mexico as the same is shown and designated on the plat thereof, recorded in the office of the County Clerk of Bernalillo County, New Mexico on _____ ___, 1996 as Document No. _____ in Volume 96C, Folio ___, now comprising Lots 40 thru 50 inclusive and Lots 53 thru 100 inclusive, and Tract 2B, PLAT OF UNIT 2 THE CROSSING, Albuquerque, New Mexico is with the 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 all streets and public right-of-ways shown hereon to the City of Albuquerque in Fee Simple with Warranty Covenants and do hereby grant: All access, Utility, and Drainage Easements hereon including the right to construct, operate, inspect, and maintain facilities therein; and all Public Utility easements shown hereon for the common and joint use of Gas, Electrical Power and Communication Services for buried distribution lines, conduits, pipes for underground Utilities 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. Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is with their free act and deed.

WESTLAND DEVELOPMENT COMPANY, INC.
401 Coors Boulevard, NW
Albuquerque, NM 87121

BY: _____
Barbara Page, President and CEO

State of New Mexico)
SS
County of Bernalillo)

This instrument was acknowledged before me on _____ day of _____ 1996, by Barbara Page, President and CEO of Westland Development Company, Inc.

My Commission Expires:_____ _____
Notary Public

SCANNED BY MESA REPRO

APPROVALS

PLAT NUMBER_____

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 AND GENERAL SERVICES DEPARTMENT	DATE
U.S. WEST COMMUNICATIONS	DATE
PNM ELECTRIC SERVICES	DATE
PNM GAS SERVICES	DATE

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC#_____

PROPERTY OWNER OF RECORD:_____

BERNALILLO COUNTY TREASURER'S OFFICE DATE

SURVEYOR'S CERTIFICATION

I, A. Dwain Weaver, a registered Professional New Mexico Surveyor, certify that I am responsible for this survey and that this plat was prepared by me or under my supervision, shows all easements of record, and conforms to the Minimum Requirements of the Board of Registration for Professional Engineers and Professional Surveyors in February 1994 and 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.

Bohannan-Huston Inc.
Courtyard I
7500 Jefferson Street, N.E.
Albuquerque, New Mexico 87109

A. Dwain Weaver
New Mexico Professional Surveyor 6544
Date:_____

SHEET 1 OF 2
JOB NO. 95335-A2-3212

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

C:\ADCADD\CIVIL\P\S95335A2\SHEET1.DWG 5/30/1996

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C1	525.00'	149.79'	75.41'	149.28'	S24°01'44"E	16°20'51"
C2	1350.00'	347.61'	174.77'	346.65'	N40°53'58"W	14°45'12"
C3	762.00'	190.45'	95.72'	189.95'	N50°45'30"E	14°19'12"
C4	1350.00'	145.65'	72.90'	145.58'	N36°36'49"W	06°10'54"
C5	1350.00'	201.96'	101.17'	201.77'	N43°59'25"W	08°34'18"
C6	627.00'	152.29'	76.52'	151.91'	N50°57'37"E	13°54'59"
C7	300.00'	85.02'	42.80'	84.73'	N66°01'34"E	16°14'14"
C8	180.00'	51.01'	25.68'	50.84'	N23°58'27"W	16°14'16"
C9	300.00'	85.02'	42.80'	84.73'	S66°01'34"W	16°14'14"
C10	762.00'	23.03'	11.51'	23.03'	N44°27'50"E	01°43'53"
C11	1373.00'	164.05'	82.12'	163.95'	S44°51'11"E	06°50'45"
C12	1373.00'	94.97'	47.51'	94.96'	S35°28'50"E	03°57'48"
C13	25.00'	41.61'	27.46'	36.97'	S10°13'20"W	95°22'09"
C14	25.00'	35.20'	21.23'	32.36'	S81°45'42"E	80°39'46"
C15	25.00'	36.57'	22.44'	33.40'	N89°48'57"E	83°48'59"
C16	652.00'	113.92'	57.10'	113.77'	N52°54'47"E	10°00'39"
C17	325.00'	67.80'	34.02'	67.68'	N63°53'02"E	11°57'11"
C18	275.00'	51.33'	25.74'	51.26'	S63°15'17"W	10°41'40"
C19	602.00'	93.87'	47.03'	93.77'	S53°27'05"W	08°56'01"
C20	25.00'	42.44'	28.39'	37.52'	S00°21'15"W	97°15'38"
C21	25.00'	39.27'	25.00'	35.36'	N60°51'19"W	90°00'00"
C22	277.00'	78.50'	39.51'	78.24'	S66°01'34"W	16°14'14"
C23	25.00'	26.84'	14.88'	25.57'	S27°08'59"W	61°30'55"
C24	40.00'	168.61'		68.75'	N62°51'01"W	241°30'55"
C25	323.00'	91.54'	46.08'	91.23'	N66°01'34"E	16°14'14"
C26	25.00'	39.27'	25.00'	35.36'	N29°08'41"E	90°00'00"
C27	25.00'	35.43'	21.43'	32.54'	N17°18'13"E	81°12'23"
C28	203.00'	26.37'	13.21'	26.36'	N19°34'39"W	07°26'39"
C29	25.00'	41.69'	27.54'	37.02'	N63°37'36"W	95°32'34"
C30	25.00'	37.40'	23.20'	34.01'	N27°00'09"E	85°42'57"
C31	25.00'	39.27'	25.00'	35.36'	S60°51'19"E	90°00'00"
C32	25.00'	39.27'	25.00'	35.36'	S29°08'41"W	90°00'00"
C33	157.00'	2.54'	1.27'	2.54'	S16°19'07"E	00°55'37"
C34	25.00'	45.95'	32.76'	39.75'	S69°26'15"E	105°18'39"
C35	762.00'	88.37'	44.24'	88.32'	N48°39'08"E	06°38'41"
C36	652.00'	46.28'	23.15'	46.27'	S49°56'28"W	04°04'01"
C37	762.00'	73.73'	36.90'	73.71'	N54°44'48"E	05°32'39"
C38	652.00'	63.09'	31.57'	63.07'	S54°44'48"W	05°32'39"
C39	762.00'	5.32'	2.66'	5.32'	N57°43'07"E	00°23'59"
C40	652.00'	4.55'	2.27'	4.55'	S57°43'07"W	00°23'59"
C41	277.00'	54.87'	27.52	54.78'	N68°28'12"E	11°20'58"
C42	602.00'	8.29'	4.14'	8.29'	N57°31'26"E	00°47'19"
C43	602.00'	85.58'	42.86'	85.51'	N53°03'26"E	08°08'42"
C44	1485.00'	9.66'	4.83'	9.66'	S48°05'23"E	00°22'22"
C45	1373.00'	9.66'	4.83'	9.66'	N48°04'28"W	00°24'11"
C46	40.00'	34.50'	18.41'	33.44'	S21°51'36"E	49°25'12"
C47	40.00'	38.44'	20.85'	36.98'	S30°22'44"W	55°03'27"
C48	323.00'	34.90'	17.47'	34.89'	S61°00'12"W	06°11'30"
C49	323.00'	56.63'	28.39'	56.56'	S69°07'19"W	10°02'44"
C50	277.00'	23.63'	11.82'	23.62'	N60°21'05"E	04°53'16"
C51	40.00'	42.95'	23.80'	40.91'	N27°08'58"E	61°30'53"
C52	1485.00'	103.24'	51.64'	103.21'	N46°17'04"W	03°58'59"
C53	40.00'	52.73'	30.98'	48.99'	S84°19'54"E	75°31'23"
C54	1485.00'	93.57'	46.80'	93.56'	S46°05'53"E	03°36'37"
C55	1373.00'	61.53'	30.77'	61.52'	N46°35'21"W	02°34'03"
C56	1373.00'	92.87'	46.45'	92.85'	N43°22'04"W	03°52'31"
C57	475.00'	11.12'	5.56'	11.12'	N32°52'24"W	01°20'28"
C58	25.00'	26.55'	14.68'	25.32'	N63°57'58"W	60°50'41"
C59	40.00'	163.45'		71.24'	N22°40'23"E	234°07'24"
C60	525.00'	73.88'	37.00'	73.82'	S36°14'02"E	08°03'45"

TANGENT DATA

TANGENT	BEARING	DISTANCE
T1	S15°51'19"E	8.00'
T2	S57°54'25"W	35.35'
T3	S15°51'19"E	3.06'
T4	N32°05'35"W	13.14'
T5	S32°05'33"E	17.00'
T6	S15°51'19"E	23.96'
T7	S65°29'43"E	44.43'
T8	S57°54'27"W	2.75'

LOT AGREAGES

LOT	ACREAGE	LOT	ACREAGE	LOT	ACREAGE
40	0.1958 AC.	63	0.1543 AC.	84	0.1613 AC.
41	0.1728 AC.	64	0.1819 AC.	85	0.1634 AC.
42	0.1597 AC.	65	0.2028 AC.	86	0.2182 AC.
43	0.1641 AC.	66	0.1972 AC.	87	0.1878 AC.
44	0.1591 AC.	67	0.1515 AC.	88	0.1994 AC.
45	0.1591 AC.	68	0.1515 AC.	89	0.1962 AC.
46	0.1591 AC.	69	0.1515 AC.	90	0.1777 AC.
47	0.1591 AC.	70	0.1515 AC.	91	0.1777 AC.
48	0.1861 AC.	71	0.1515 AC.	92	0.2032 AC.
49	0.1731 AC.	72	0.1515 AC.	93	0.1682 AC.
50	0.1494 AC.	73	0.1810 AC.	94	0.1682 AC.
53	0.1511 AC.	74	0.1831 AC.	95	0.1682 AC.
54	0.1683 AC.	75	0.1543 AC.	96	0.1682 AC.
55	0.1640 AC.	76	0.1543 AC.	97	0.1682 AC.
56	0.1543 AC.	77	0.1543 AC.	98	0.1682 AC.
57	0.1543 AC.	78	0.1543 AC.	99	0.1682 AC.
58	0.1543 AC.	79	0.2561 AC.	100	0.1909 AC.
59	0.1543 AC.	80	0.1545 AC.		
60	0.1543 AC.	81	0.1515 AC.		
61	0.2669 AC.	82	0.1515 AC.		
62	0.2328 AC.	83	0.1520 AC.		

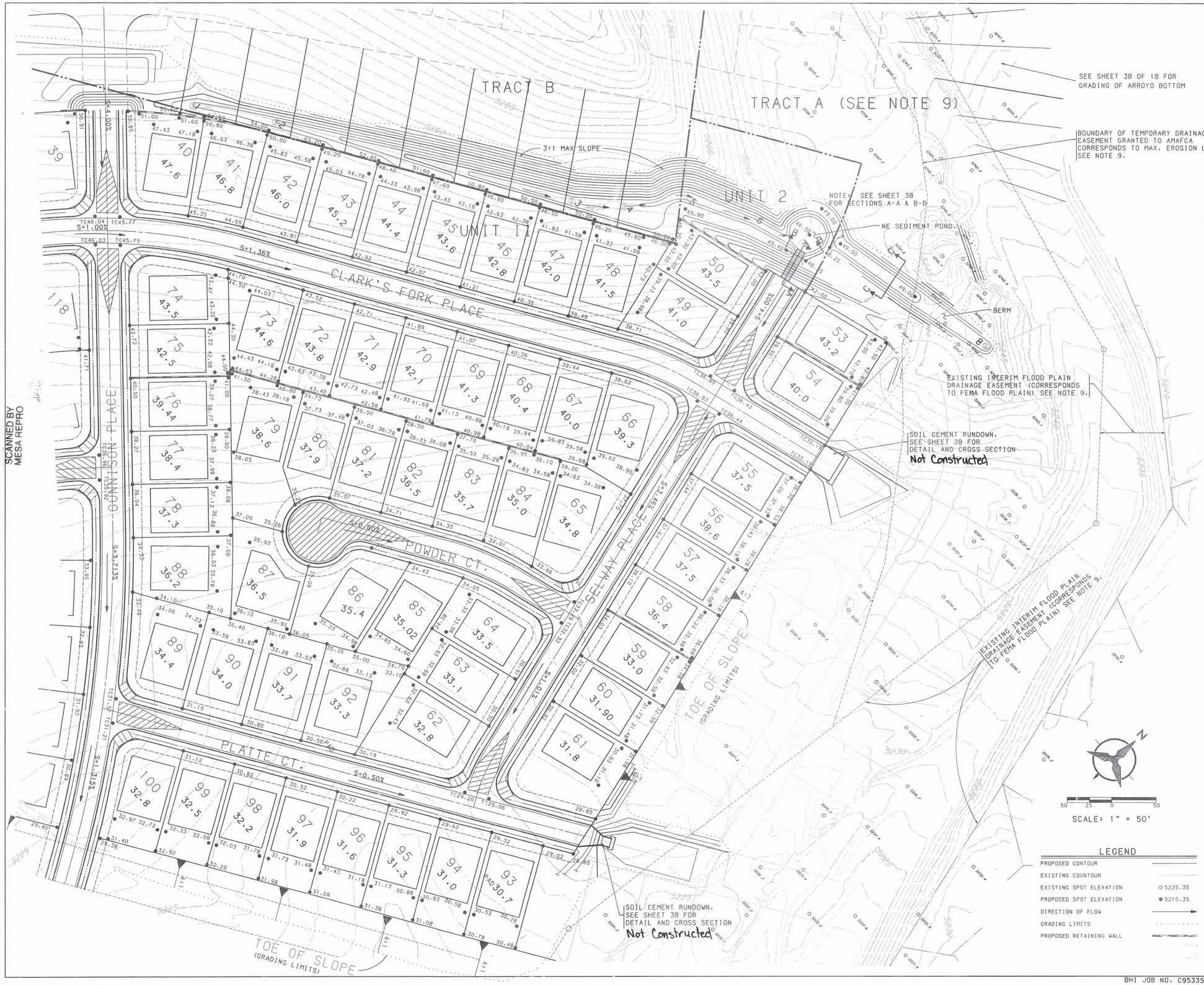
CPN 545382

SHEET 2 OF 18

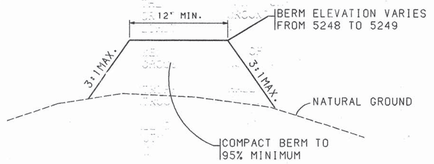
SHEET 2 OF 2
JOB NO. 95335-A2-3212

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

C:\ADCADD\CIVIL\P\S95335A2\SHEET2.DWG 5/30/1996



DRAINAGE FACILITY COORDINATES		
NUMBER		
1	X = 353,836.70	Y = 1,494,599.50
2	X = 353,913.28	Y = 1,494,655.56
3	X = 354,204.75	Y = 1,494,840.70
4	X = 354,248.77	Y = 1,494,879.80
5	X = 354,291.27	Y = 1,494,936.49
6	X = 354,357.93	Y = 1,494,978.32
7	X = 354,440.26	Y = 1,495,025.74
8	X = 354,640.92	Y = 1,495,072.26



TYPICAL BERM SECTION C -C

NO SCALE

GENERAL NOTES:

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO BEGINNING ROUGH GRADING.
2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT PREPARED BY VINYARD AND ASSOCIATES DATED APRIL 19, 1996. COPY AVAILABLE FROM OWNER.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS. INCLUDING EPA STORMWATER PERMIT.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL SHEET 3B OF 18 AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. THE CONTRACTOR SHALL NOT GRADE OR DISTURB GROUND BEYOND GRADING LIMITS SHOWN.
6. SEE SHEET 4 OF 18 FOR ROADWAY CROSS-SECTIONS.
7. STRIPPINGS SHALL BE USED IN NON-STRUCTURAL FILL AREAS.
8. ALL DISTURBED AREAS (NOT TO BE PAVED) OUTSIDE OF THE BOUNDARY OF UNIT II SHALL BE RESEEDED PER COA STD SPECS SECT 1012.
9. SEE PLAT OF THE CROSSING (BULK LAND PLAT) FOR EASEMENT DETAILS. PLAT FILED 7/9/96 IN VOL. 96C FOLIO 302.

BRIAN L. STIDHAM NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER 7/29/02

APPROVED FOR ROUGH GRADING (: 1')

HYDROLOGY ENGINEER DATE

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRIST • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

Date | Revision | By

THE CROSSING

UNIT II

GRADING & DRAINAGE PLAN

Project No.

Seal: STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER MICHAEL W. EMORY 8/6/96

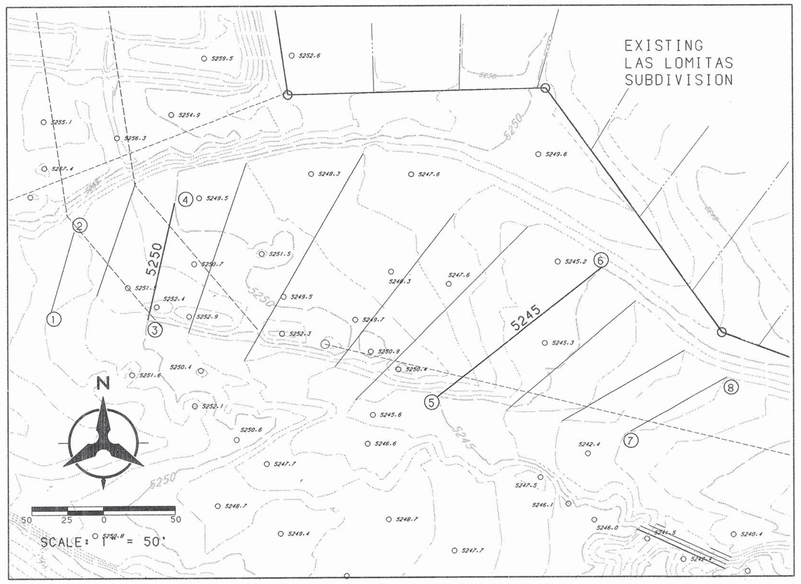
Drawn By:	Date:	Job No.
BS	4/96	95335A2417
Checked By:	Scale:	Sheet
KP	1"=50'	3A Of 18

BHI JOB NO. C95335A2405

CPN 545382

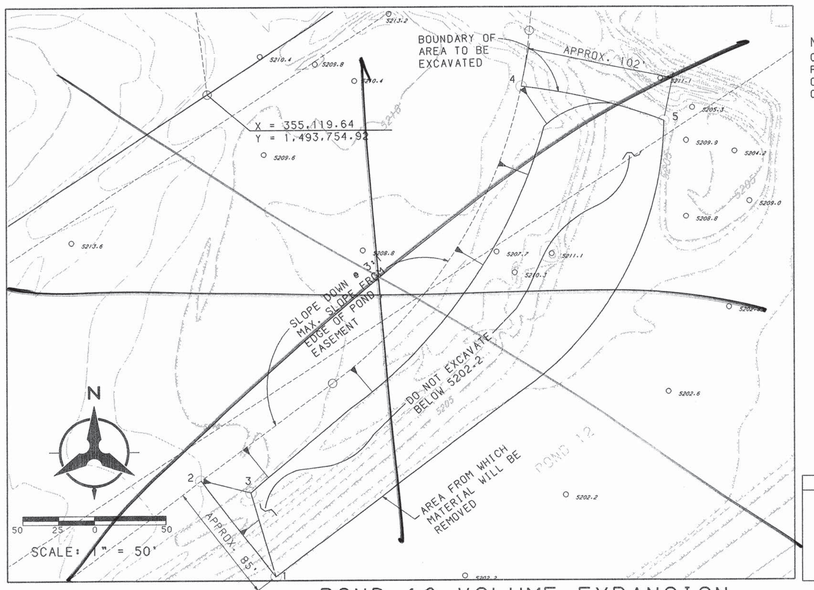
SCANNED BY MESA REPRO

USERNAME: [C95335A2405.GRADE]
FILENAME: UNIT-II.GRF



MIREHAVEN ARROYO REGRADING

MIREHAVEN COORDINATE DATA TABLE		
NUMBER		
1	X=354,109.82	Y=1,495,294.38
2	X=354,126.39	Y=1,495,350.54
3	X=354,177.24	Y=1,495,287.64
4	X=354,196.64	Y=1,495,370.87
5	X=354,379.96	Y=1,495,234.65
6	X=354,494.92	Y=1,495,325.41
7	X=354,514.30	Y=1,495,210.60
8	X=354,581.98	Y=1,495,248.64



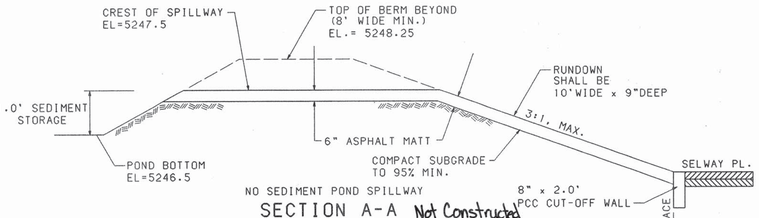
POND 12 VOLUME EXPANSION

(TOTAL OF 500 CY. TO BE REMOVED)

NOTE:
ALL AREAS DISTURBED FOR MIREHAVEN ARROYO REGRADING AND POND 12 VOLUME EXPANSION SHALL BE RESEEDED PER COA STD. SPEC. 1012.

NOTE:
CONTRACTOR SHALL OBTAIN PERMIT FROM AMAFCA, & PROVIDE PROOF OF INSURANCE PRIOR TO WORKING ON AMAFCA FACILATIES.

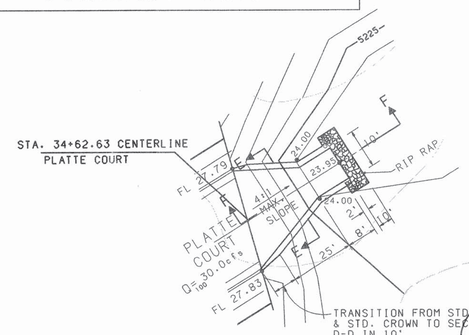
POND 12 COORDINATE DATA TABLE		
NUMBER		
1	X=355,167.78	Y=1,493,415.69
2	X=355,117.62	Y=1,493,482.92
3	X=355,150.39	Y=1,493,474.99
4	X=355,340.26	Y=1,493,759.87
5	X=355,439.77	Y=1,493,735.83



SECTION A-A Not Constructed

NO SCALE

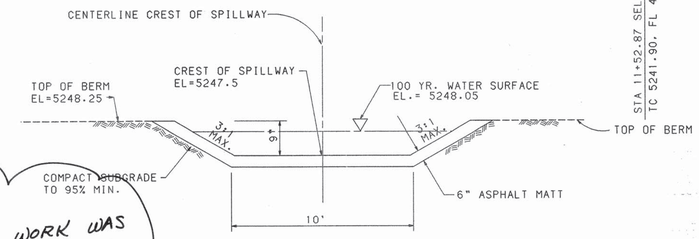
THIS SECTION CUT FROM SHEET 3A



PLATTE COURT
SOIL CEMENT RUNDOWN

NO SCALE

THIS WORK WAS NOT REQUIRED



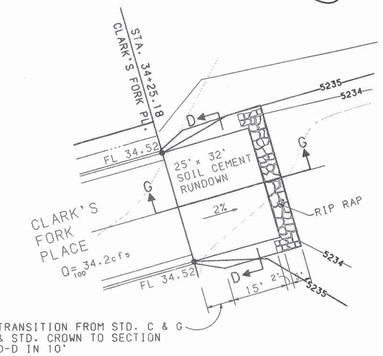
NO SEDIMENT POND SPILLWAY

SECTION B-B

NO SCALE

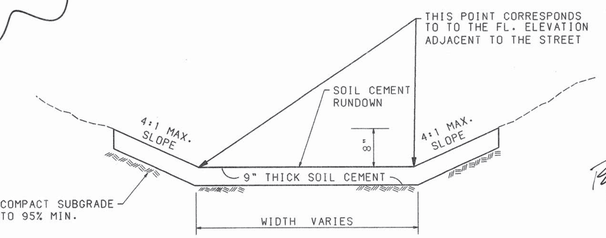
THIS SECTION CUT FROM SHEET 3A

NOTE:
SECTIONS A-A & B-B ARE CUT FROM SHEET 3A OF 18



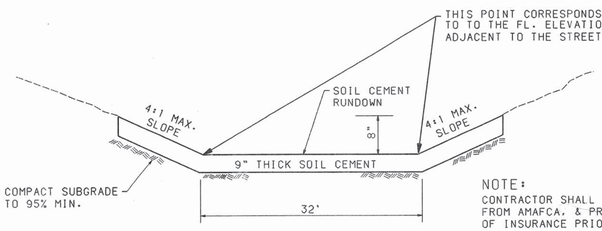
CLARK'S FORK PLACE
SOIL CEMENT RUNDOWN

NO SCALE



SECTION E - E

NO SCALE

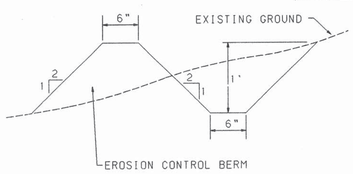


SECTION D - D

NO SCALE

NOTE:
CONTRACTOR SHALL OBTAIN PERMIT FROM AMAFCA, & PROVIDE PROOF OF INSURANCE PRIOR TO WORKING ON AMAFCA FACILATIES.

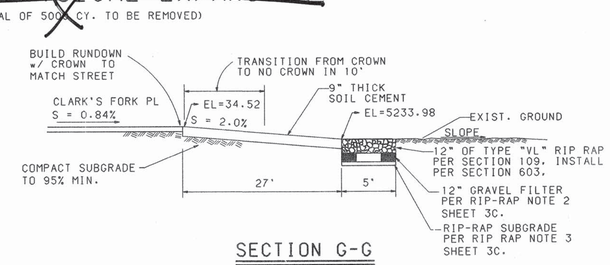
NOTE: ALL SOIL CEMENT FACILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SUPPLEMENTAL TECHNICAL SPECIFICATIONS.



EROSION CONTROL PLAN

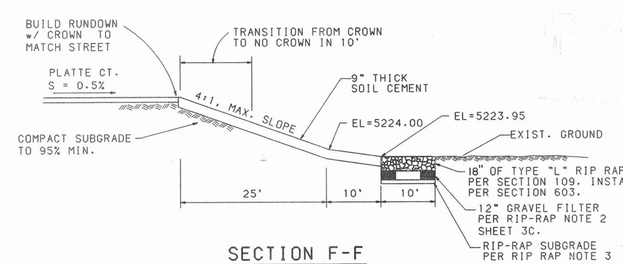
NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.



SECTION G-G

NO SCALE



SECTION F-F

NO SCALE

AS-BUILT INFORMATION

CONTRACTOR'S WORK STAKED BY: DATE 3/04
INSPECTOR'S ACCEPTANCE BY: BHI
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE

BENCH MARKS

ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

STATE OF NEW MEXICO — BRUCE J. STIDWORTHY — REGISTERED PROFESSIONAL ENGINEER — 14523

9/20/02

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	KP/BJS	8/96
DRAWN BY	OR	8/96
CHECKED BY	KP	8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE — LAS CRUCES — SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
GRADING AND DRAINAGE DETAILS
DETAIL SHEET

DESIGN REVIEW COMMITTEE: APPROVED
CITY ENGINEER APPROVAL: APPROVED — CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 545382 | ZONE MAP NO. H9, J9 | SHEET 3B OF 18

APPROVED FEB 13 2003 DESIGN REVIEW COMMITTEE

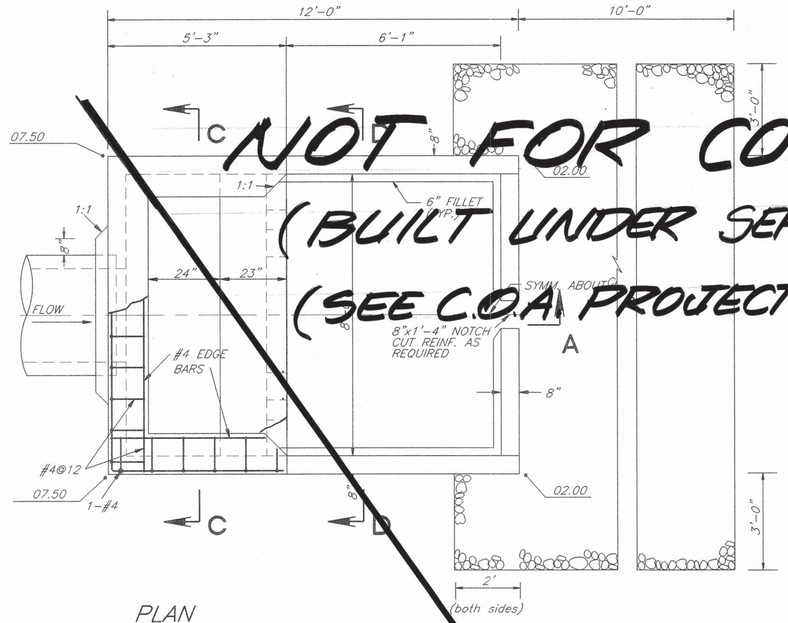
BHI JOB NO. C95335A2405

COPYRIGHT BOHANNAN-HUSTON, INC. 1996

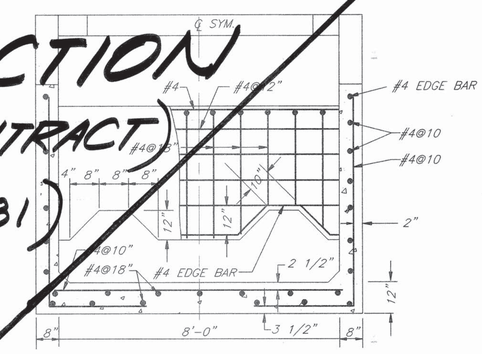
USERNAME: CDP4:[C95335A405.PNP]
FILENAME: DETAILS2.GRF

SCANNED BY MESA REPRO

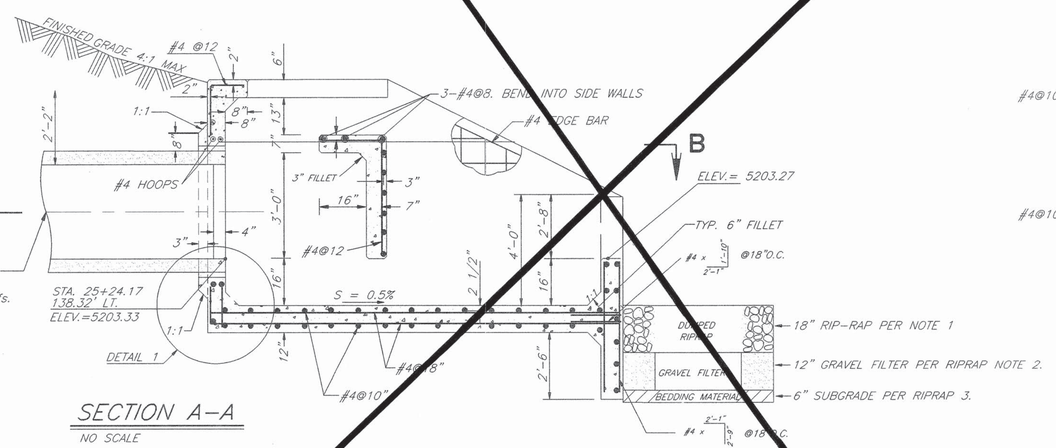
NOT FOR CONSTRUCTION
(BUILT UNDER SEPARATE CONTRACT)
(SEE C.O.A. PROJECT No. 545381)



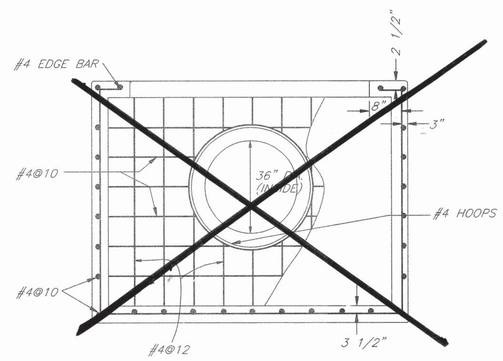
PLAN
NO SCALE



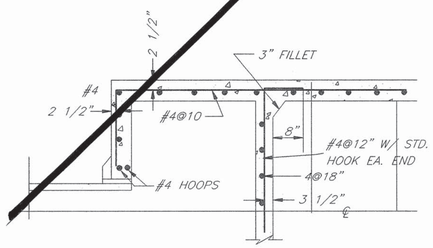
SECTION D-D
NO SCALE



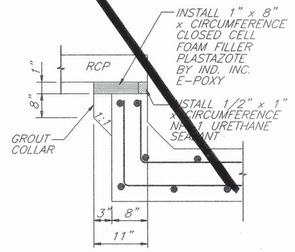
SECTION A-A
NO SCALE



SECTION C-C
NO SCALE



SECTION B-B
NO SCALE



DETAIL "1"
NO SCALE

NOTE: SEE SHEET 3D FOR HANDRAIL DETAILS.

GENERAL STRUCTURAL NOTES

1. CODES AND MANUALS:
   Uniform Building Code, 1991 Edition
   ACI 318, Latest Edition,Building Code Requirements for Reinforced Concrete.
2. DESIGN LOADS:
   A. Lin Loads:
      Soil Weight = 120 pcf
      Equiv lateral =40 pcf
   B. Maximum Allowable soil bearing pressure: 2000psf*
      *Allowable 1/3 stress increase for gravity and/or lateral loading.
3. GENERAL:
   A. The Contractor shall verify all dimensions in the field.
   B. Shop drawings shall be furnished for review before any fabrication and erection is started. Poorly executed shop drawings shall be rejected and re submitted.
   C. The Contractor shall be responsible for providing safe and adequate shoring for all parts of the wall and adjacent structures during construction, as well as worker safety and compliance with OSHA or other agency safety guidelines.
   D. The Contractor shall field all existing utility locations and notify the Engineer immediately of any descrepancies.
   E. The Contractor is responsible for repair and/or replacement of all utility conduits and existing lines.
   F. The contractor shall park equipment and vehicles as not to interfere with normal activities of residents or other Contractors on site.
   G. Any damage to existing facilities (curb and gutter, pavement, conduits, landscaping, utilities, ect.) during construction shall be replaced at the Contractors expense.
   H. Chamfer all exposed corners 3/4" TYP.
4. MATERIALS:
   A. Cast-in-Place Concrete:
      (1) All concrete shall conform to Standard Spec. Section 101. Concrete shall be 4000 psi for hydraulic structures.
   B. Reinforcing Steel:
      (1) All reinforcing steel shall conform to ASTM A615 Grade 60; except stirrups, ties, may conform to ASTM A615 Grade 40.
      (2) Reinforcing shall be stored in such a manner as to inhibit rusting or the deposit of oils or other bond inhibiting deposits.
      (3) Reinforcing steel shall be fabricated and placed in accordance with the Building Code Requirements for Reinforced Concrete (ACI 318) and the CRSI Standard Manual.
      (4) Bar supports and spacers for rebar shall be provided in accordance with ACI and CRSI.
      (5) All lap splices shall be class B.
      (6) Concrete cover for reinforcing shall be as follows:
         a. Concrete poured against earth — 3 inches
         b. Concrete poured in forms but exposed to weather or earth:
            1. If bars are larger than No. 5 — 2 inches
            2. If bars are No. 5 or smaller — 1-1/2 inches
      (7) The Contractor shall be responsible to see that all rebar is properly aligned and tied in place before placing concrete. All column, wall dowels and vertical steel shall be accurately located and secured in place so that it remains in the position shown during the concrete placing operation. Any rebar found to be improperly installed shall be removed at no additional cost to the Owner.
      (8) Form ties shall be either of the threaded or snap-off type or other approved equal so that no metal will be left within 1 inch of the surface of the wall. Following removal of form ties, recesses are to be carefully filled and pointed with mortar.

THESE NOTES ARE VALID FOR THIS CONTRACT-
REFER TO SHEET 3B OF 18

RIPRAP NOTES

(1) DUMPED RIPRAP SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 603 OF THE STANDARD SPECIFICATIONS. RIPRAP SHALL BE TYPE M PER SECTION 109.

(2) RIPRAP SHALL BE PLAGED ON GRAVEL FILTER MATERIAL. GRAVEL FILTER MATERIAL SHALL BE SUPPLIED AND INSTALLED PER SECTION 603.10 OF THE STANDARD SPECIFICATIONS, AND THE GRADATION SHALL BE AS FOLLOWS:

SIEVE SIZE	% PASSING
3"	90-100
3/4"	20-90
#4	0-20
#200	0-3

(3) RIPRAP SUBGRADE SCARIFIED AND COMPACTED TO A DEPTH OF 6" AT MINIMUM 90% ASTM D-1557 DENSITY.

BRUCE A. STIDHAM
NEW MEXICO
14523
REGISTERED PROFESSIONAL ENGINEER
9/20/02

NOTIFY AMAFCA 2 DAYS PRIOR TO WORK IN R.O.W. AMAFCA MUST INSPECT STEEL & FORMWORK PRIOR TO POURING CONCRETE

SCALE: 1"=50' (HORIZ.) 1"=10' (VERT.)

APPROVED SEP 20 2002 DESIGN REVIEW COMMITTEE

APPROVED DESIGN REVIEW COMMITTEE

SURVEY INFORMATION			BENCH MARKS	AS-BUILT INFORMATION
FIELD NOTES				CONTRACTOR / DATE
NO.	BY	DATE		WORK STAKED BY / DATE
				INSPECTED BY / DATE
				ACCEPTANCE BY / DATE
				FIELD VERIFICATION BY / DATE
				DRAWINGS CORRECTED BY / DATE
				MICRO-FILM INFORMATION
				RECORDED BY / DATE
				NO.

ENGINEER'S SEAL
STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER MICHAEL W. HERT No. 5104
9/19/02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY BJS/KP DATE 8-96
DRAWN BY PB DATE 8-96
CHECKED BY KP DATE 8-96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: THE CROSSING SUBDIVISION UNIT II
IMPACT BASIN DETAILS

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 3C OF 18

BHI PROJ. NO. C95335A2440
FILENAME: CDP4:[C95335A2405.DWG]DISIPAT2.DWG
8/96

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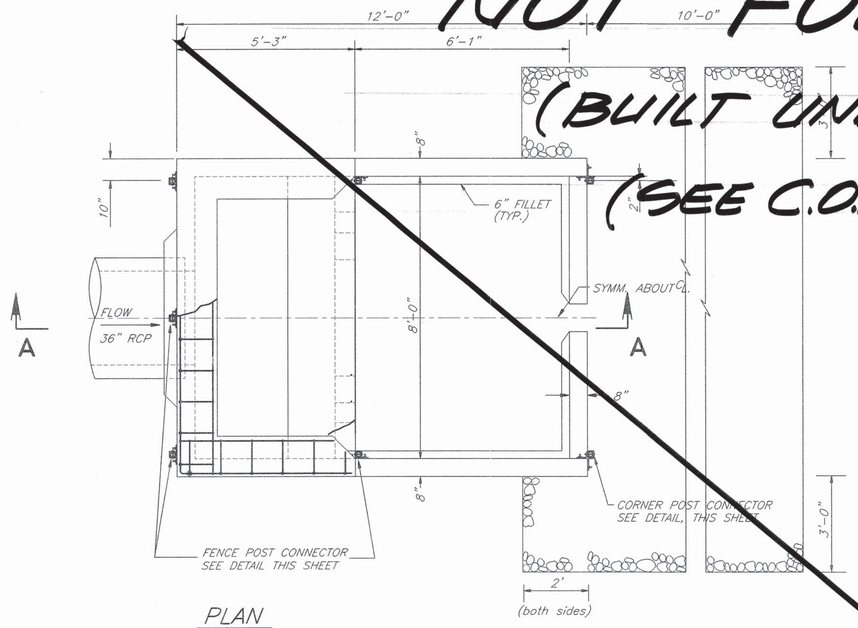
8/96

SCANNED BY MESA REPRO

NOT FOR CONSTRUCTION

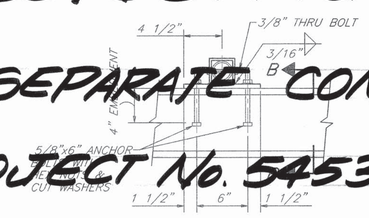
(BUILT UNDER SEPARATE CONTRACT)

(SEE C.O.A. PROJECT No. 545381)



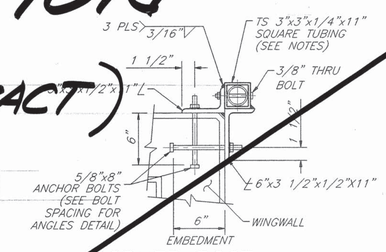
PLAN

NO SCALE



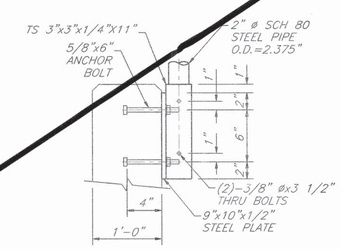
FENCE POST CONNECTOR DETAIL

NO SCALE



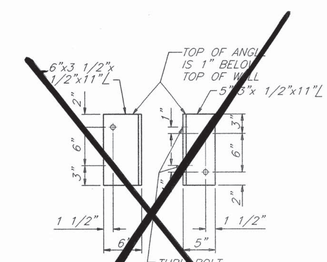
CORNER POST CONNECTOR DETAIL

NO SCALE



SECTION B-B

NO SCALE

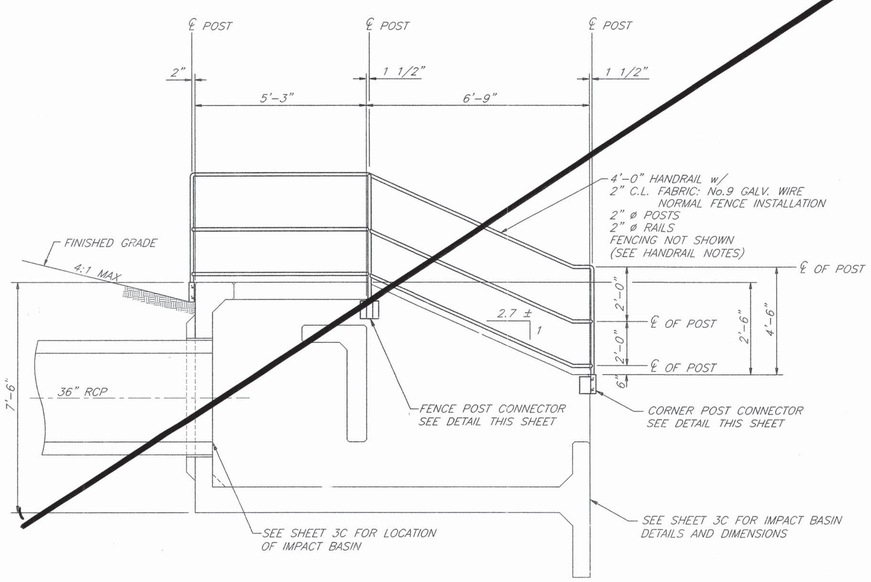


BOLT SPACING FOR ANGLES OF CORNER POST CONNECTOR

NO SCALE

HANDRAIL NOTES

A. All posts, rails, plates, angles, bolts, etc. shall be of structural steel and galvanized per COA standards.
B. Install chain link fabric on outside of rail.
C. Tension wire shall be 7 ga. spring steel w/11 ga. wire ties @ 2 o.c.
D. Tension bars and three (3) clamps at each corner post.
E. Tack weld chain link fabric at 3 points along each frame member.
F. Paint all field welds with galvanizing coating.



SECTION A-A

NO SCALE

SCANNED BY MESA ENGRG

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

BRUCE J. STODWORTH, NEW MEXICO, 14523, REGISTERED PROFESSIONAL ENGINEER
9/20/02

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY BJS/KP — DATE 8-96
DRAWN BY BS — DATE 8-96
CHECKED BY KP — DATE 8-96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE — LAS CRUCES — SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: THE CROSSING SUBDIVISION UNIT II
HANDRAIL DETAILS

DESIGN REVIEW COMMITTEE — APPROVED
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 3D OF 18

APPROVED

BHI PROJ. NO. C95335A2440
FILENAME: CDP4:[C95335A2405.DWG]HANDRL2.DWG
8/96

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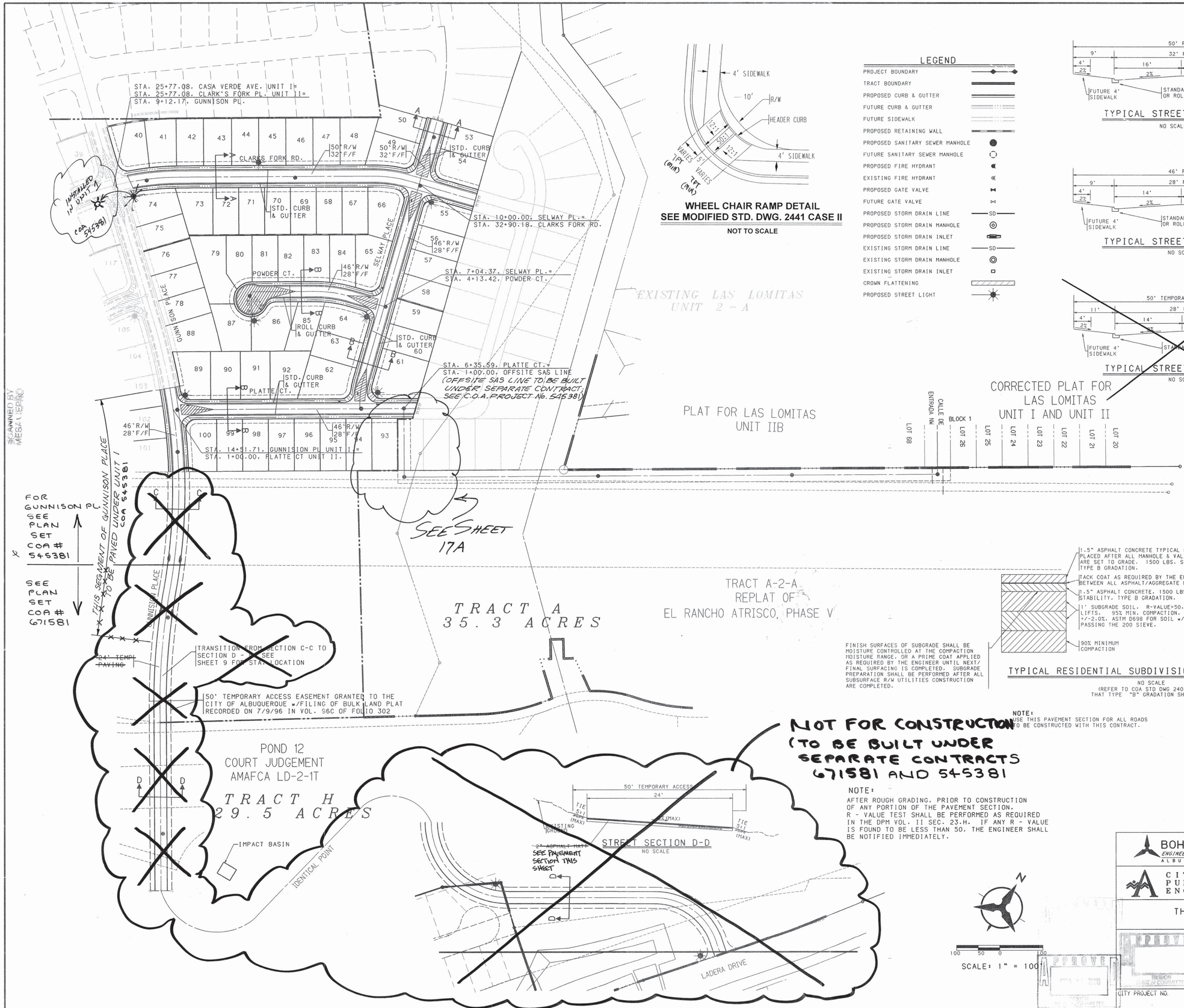
8/96


STA. 25+77.08, CASA VERDE AVE. UNIT 1=
STA. 25+77.08, CLARK'S FORK PL. UNIT 1I=
STA. 9+12.17, GUNNISON PL.
CLARKS FORK RD.
50' R/W 32' F/F
STD. CURB & GUTTER
ROLL CURB & GUTTER
STA. 10+00.00, SELWAY PL.=
STA. 32+90.18, CLARKS FORK RD.
SELWAY PLACE
46' R/W 28' F/F
POWDER CT.
STA. 7+04.37, SELWAY PL.=
STA. 4+13.42, POWDER CT.
GUNNISON PLACE
PLATTE CT.
STA. 6+35.59, PLATTE CT.=
STA. 1+00.00, OFFSITE SAS LINE
(OFFSITE SAS LINE TO BE BUILT UNDER SEPARATE CONTRACT; SEE C.O.A. PROJECT No. 545381)
STA. 14+51.71, GUNNISON PL UNIT 1.=
STA. 1+00.00, PLATTE CT UNIT II.
INSTALLED 12/2/03 COA 545381
EXISTING LAS LOMITAS UNIT 2 - A
PLAT FOR LAS LOMITAS UNIT IIB
CORRECTED PLAT FOR LAS LOMITAS UNIT I AND UNIT II
BLOCK 1
LOT 68
CALLE DE ENTRADA NW
LOT 26
LOT 25
LOT 24
LOT 23
LOT 22
LOT 21
LOT 20
SEE SHEET 17A
TRACT A 35.3 ACRES
TRACT A-2-A REPLAT OF EL RANCHO ATRISCO, PHASE V
FOR GUNNISON PL. SEE PLAN SET COA # 545381
SEE PLAN SET COA # 671581
THIS SEGMENT OF GUNNISON PLACE TO BE PAVED UNDER UNIT I COA 545381
GUNNISON PLACE
24' TEMP PAVING
TRANSITION FROM SECTION C-C TO SECTION D - SEE SHEET 9 FOR STA. LOCATION
50' TEMPORARY ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE w/FILING OF BULK LAND PLAT RECORDED ON 7/9/96 IN VOL. 96C OF FOLIO 302
POND 12
COURT JUDGEMENT
AMAFCA LD-2-1T
TRACT H 29.5 ACRES
IMPACT BASIN
IDENTICAL POINT
NOT FOR CONSTRUCTION (TO BE BUILT UNDER SEPARATE CONTRACTS 671581 AND 545381
STREET SECTION D-D
NO SCALE
50' TEMPORARY ACCESS
24'
EXISTING GROUND
SEE PAVEMENT SECTION THIS SHEET
LADERA DRIVE
4' SIDEWALK
10'
R/W
HEADER CURB
VARIES 7FT (MIN)
WHEEL CHAIR RAMP DETAIL
SEE MODIFIED STD. DWG. 2441 CASE II
NOT TO SCALE
LEGEND
PROJECT BOUNDARY
TRACT BOUNDARY
PROPOSED CURB & GUTTER
FUTURE CURB & GUTTER
FUTURE SIDEWALK
PROPOSED RETAINING WALL
PROPOSED SANITARY SEWER MANHOLE
FUTURE SANITARY SEWER MANHOLE
PROPOSED FIRE HYDRANT
EXISTING FIRE HYDRANT
PROPOSED GATE VALVE
FUTURE GATE VALVE
PROPOSED STORM DRAIN LINE
PROPOSED STORM DRAIN MANHOLE
PROPOSED STORM DRAIN INLET
EXISTING STORM DRAIN LINE
EXISTING STORM DRAIN MANHOLE
EXISTING STORM DRAIN INLET
CROWN FLATTENING
PROPOSED STREET LIGHT
50' R/W
9' 32' F-F 9'
4' 16' 16' 4'
2%
FUTURE 4' SIDEWALK
STANDARD CURB OR ROLL CURB
TYPICAL STREET SECTION A-A
NO SCALE
46' R/W
9' 28' F-F 9'
4' 14' 14' 4'
TYPICAL STREET SECTION B-B
NO SCALE
50' TEMPORARY ACCESS
11' 28' F-F 11'
4' 14' 14' 4'
TYPICAL STREET SECTION C-C
NO SCALE
1.5" ASPHALT CONCRETE TYPICAL FINISH COURSE PLACED AFTER ALL MANHOLE & VALVE COVERS/RINGS ARE SET TO GRADE. 1500 LBS. STABILITY. TYPE B GRADATION.
TACK COAT AS REQUIRED BY THE ENGINEER BETWEEN ALL ASPHALT/AGGREGATE MATERIAL LIFTS.
1.5" ASPHALT CONCRETE. 1500 LBS STABILITY. TYPE B GRADATION.
1' SUBGRADE SOIL. R-VALUE>50. PLACED IN 2-6" LIFTS. 95% MIN. COMPACTION. AT OPT. MOISTURE +/-2.0%. ASTM D698 FOR SOIL w/ 35% OR MORE PASSING THE 200 SIEVE.
90% MINIMUM COMPACTION
FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.
TYPICAL RESIDENTIAL SUBDIVISION PAVEMENT SECTION
NO SCALE
(REFER TO COA STD DWG 2405, EXCEPT THAT TYPE "B" GRADATION SHALL BE USED)
NOTE:
USE THIS PAVEMENT SECTION FOR ALL ROADS TO BE CONSTRUCTED WITH THIS CONTRACT.
NOTE:
AFTER ROUGH GRADING, PRIOR TO CONSTRUCTION OF ANY PORTION OF THE PAVEMENT SECTION, R - VALUE TEST SHALL BE PERFORMED AS REQUIRED IN THE DPM VOL. II SEC. 23.H. IF ANY R - VALUE IS FOUND TO BE LESS THAN 50, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
N
SCALE: 1" = 100'
BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
2/1/00
9/20/02
STATE OF NEW MEXICO MICHAEL N. EMETA NO. 5154 REGISTERED PROFESSIONAL ENGINEER
AS-BUILT INFORMATION
CONTRACTOR MELENDEZ
STAKED BY PRECISION SURVEYS 3/04
INSPECTOR'S ACCEPTANCE BY BHI 3/04
FIELD VERIFICATION BY PRECISION DATE 3/04
DRAWINGS CORRECTED BY PRECISION DATE 3/04
BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43
RECORDED BY
NO.
ENGINEER'S SEAL
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
8/6/02 New Tie Per COA 671581 + (Gunnison Place) SAR
NO. DATE REMARKS BY
REVISIONS
DESIGN
DESIGNED BY KP/BJS DATE 8/96
DRAWN BY BS DATE 8/96
CHECKED BY KP DATE 8/96
BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
THE CROSSING SUBDIVISION UNIT II
OVERALL PAVING
APPROVED DESIGN REVIEW COMMITTEE
APPROVED CITY ENGINEER
CITY ENGINEER APPROVAL
MO./DAY/YR.
LAST DESIGN UPDATE
CITY PROJECT NO. 545382
ZONE MAP NO. H-9, J-9
SHEET 4 OF 18
BHI JOB NO. 9533SA2405
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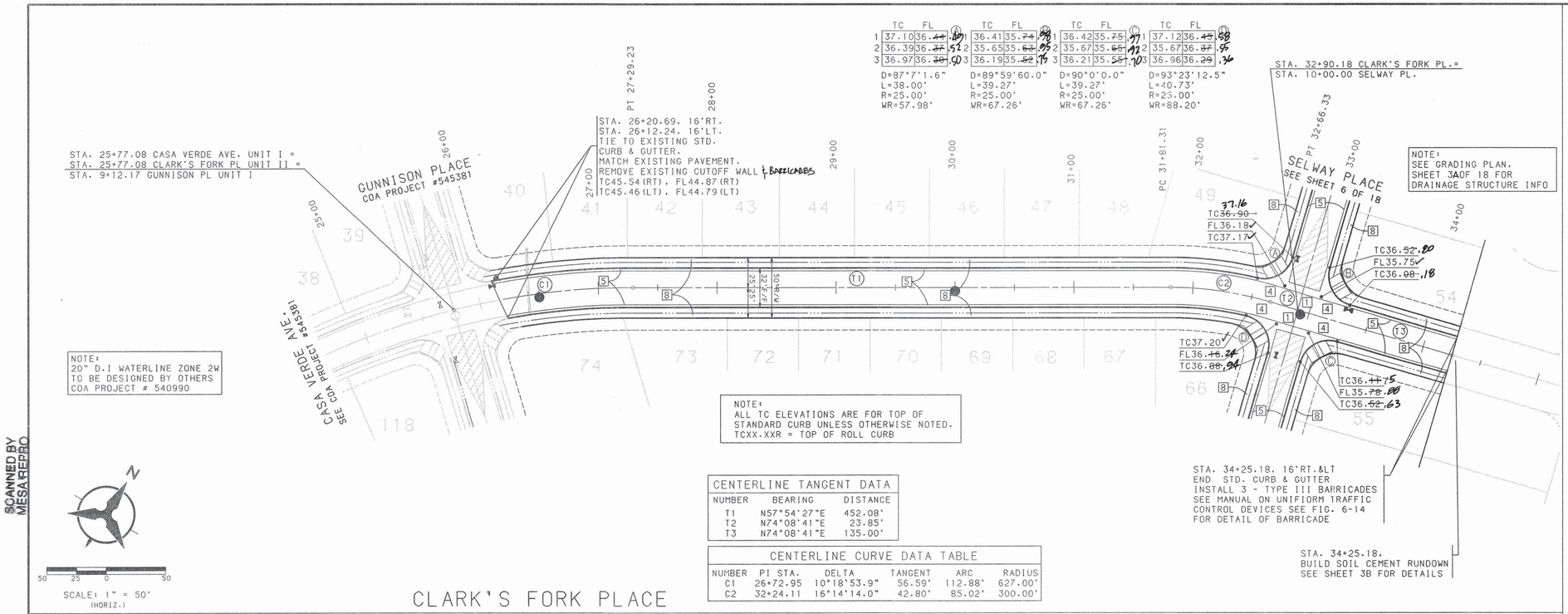
DATE MAR. 1996
SCANNED BY MESA REPRO



	TC	FL		TC	FL		TC	FL		TC	FL
1	37.10	36.~~44~~ .80	1	36.41	35.~~74~~ .98	1	36.42	35.~~75~~ .97	1	37.12	36.~~45~~ .68
2	36.39	36.~~37~~ .52	2	35.65	35.~~63~~ .95	2	35.67	35.~~65~~ .92	2	35.67	36.~~87~~ .55
3	36.97	36.~~70~~ .60	3	36.19	35.~~52~~ .79	3	36.21	35.~~58~~ .70	3	36.96	36.~~29~~ .36
D=87°7'1.6"			D=89°59'60.0"			D=90°0'0.0"			D=93°23'12.5"		
L=38.00'			L=39.27'			L=39.27'			L=40.73'		
R=25.00'			R=25.00'			R=25.00'			R=25.00'		
WR=57.98'			WR=67.26'			WR=67.26'			WR=88.20'		

CLARK'S FORK PLACE

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N57°54'27"E	452.08'
T2	N74°08'41"E	23.85'
T3	N74°08'41"E	135.00'

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	26+72.95	10°18'53.9"	56.59'	112.88'	627.00'
C2	32+24.11	16°14'14.0"	42.80'	85.02'	300.00'

AS BUILT CERTIFICATION

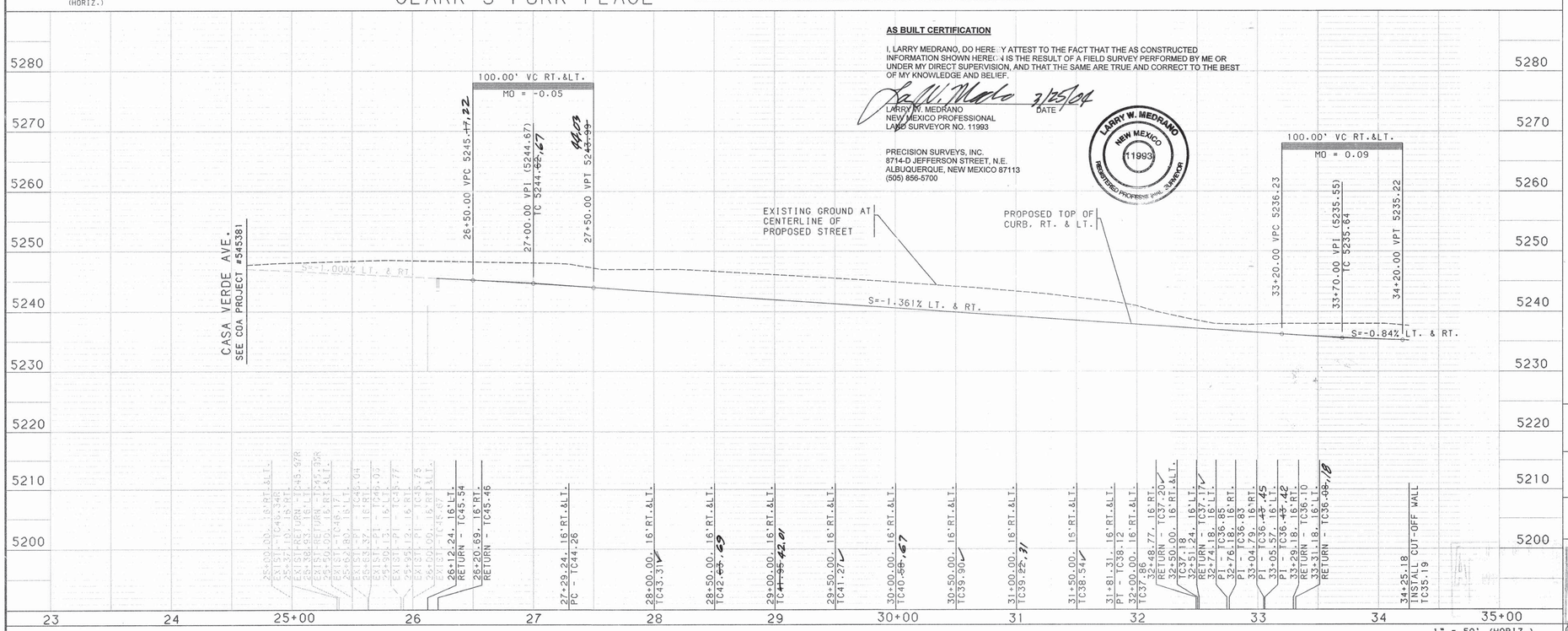
I, LARRY MEDRANO, DO HERE Y ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREO N IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3/25/24
DATE

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

LARRY W. MEDRANO
NEW MEXICO
11993
REGISTERED PROFESSIONAL SURVEYOR



BHI JOB NO. C95335A2440

USERNAME: CDP4:[C95335A2405.PNP]CLARKS.GRF

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 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.

KEYED GENERAL NOTES

1. INSTALL 6FT WIDE CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
5. STD. CURB & GUTTER AS PER STD. DWG. 2415
6. ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
8. ~~FUTURE~~ DEFERRED 4' SIDEWALK
9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

AS-BUILT INFORMATION

CONTRACTOR MELENDEZ
WORK STAKED BY PRECISION SURVEYS DATE 1/04
INSPECTOR'S ACCEPTANCE BY BHI DATE 3/04
FIELD VERIFICATION BY RECHNU DATE 3/04
DRAWINGS REVISED BY RECHNU DATE 3/04
MICRO-FILM INFORMATION
RECORDED BY DATE

BENCH MARKS

ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY KP/BJS DATE 8/96
DRAWN BY BS DATE 8/96
CHECKED BY KP DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
PAVING PLAN & PROFILE
CLARK'S FORK PLACE

DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — APPROVED — OCT - 8 2003 — CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.
CITY PROJECT NO. 545382 — APPROVED — FEB 2 8 2000 — DESIGN REVIEW COMMITTEE
ZONE MAP NO. H-9, J-9
SHEET 5 OF 18

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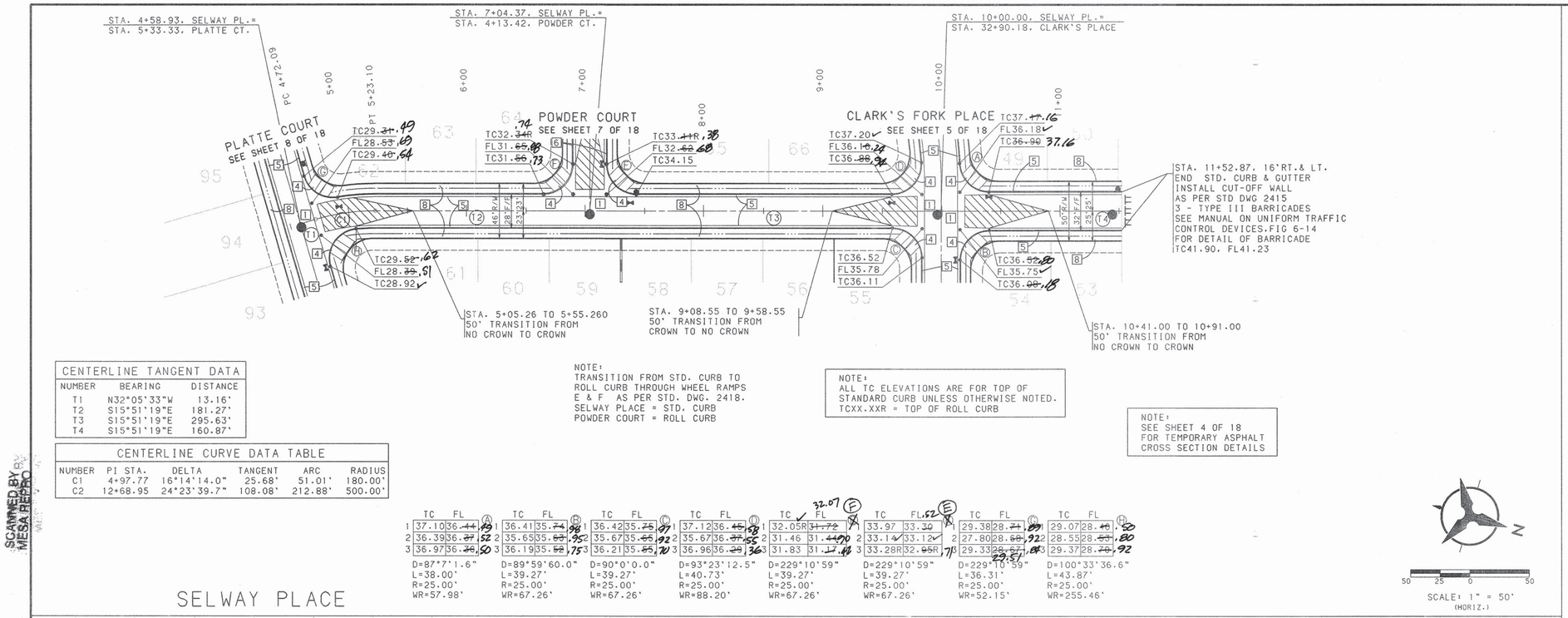
DATE: MAY, 1996

SCANNED BY MESA REPRO



CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N32°05'33"W	13.16'
T2	S15°51'19"E	181.27'
T3	S15°51'19"E	295.63'
T4	S15°51'19"E	160.87'

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+97.77	16°14'14.0"	25.68'	51.01'	180.00'
C2	12+68.95	24°23'39.7"	108.08'	212.88'	500.00'

NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WHEEL RAMPS E & F AS PER STD. DWG. 2418.
SELWAY PLACE = STD. CURB
POWDER COURT = ROLL CURB

NOTE:
ALL TC ELEVATIONS ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE NOTED.
TCXX.XXR = TOP OF ROLL CURB

NOTE:
SEE SHEET 4 OF 18
FOR TEMPORARY ASPHALT
CROSS SECTION DETAILS

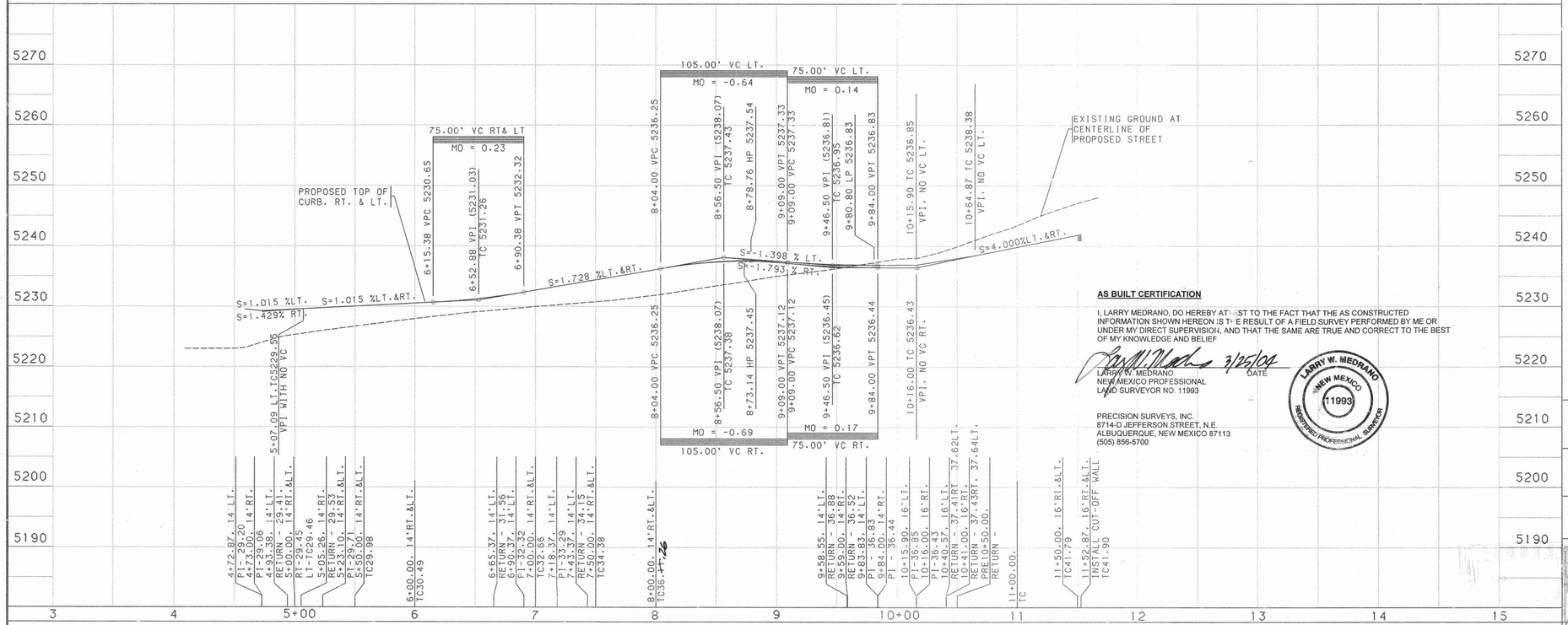
	TC	FL		TC	FL		TC	FL		TC	FL		TC	FL		TC	FL		TC	FL
1	37.10	36.~~44~~.49		36.41	35.~~74~~.98		36.42	35.~~25~~.87		37.12	36.~~45~~.58		32.05R	31.~~72~~ 32.07		33.97	33.30		29.38	28.~~71~~.89
2	36.39	36.~~37~~.52		35.65	35.~~68~~.95		35.67	35.~~65~~.92		35.67	36.~~37~~.55		31.46	31.~~44~~.90		33.14	33.12		27.80	28.~~68~~.92
3	36.97	36.~~36~~.50		36.19	35.~~52~~.75		36.21	35.~~55~~.70		36.96	36.~~28~~.36		31.83	31.~~12~~.48		33.28R	32.~~95~~R.78		29.33	28.~~57~~ 29.51.83

	TC	FL		TC	FL
1	29.07	28.~~46~~.80			
2	28.55	28.~~53~~.80			
3	29.37	28.~~26~~.92			

D=87°7'1.6"	D=89°59'60.0"	D=90°0'0.0"	D=93°23'12.5"	D=229°10'59"	D=229°10'59"	D=229°10'59"	D=100°33'36.6"
L=38.00'	L=39.27'	L=39.27'	L=40.73'	L=39.27'	L=39.27'	L=36.31'	L=43.87'
R=25.00'	R=25.00'	R=25.00'	R=25.00'	R=25.00'	R=25.00'	R=25.00'	R=25.00'
WR=57.98'	WR=67.26'	WR=67.26'	WR=88.20'	WR=67.26'	WR=67.26'	WR=52.15'	WR=255.46'

SCALE: 1" = 50'
(HORIZ.)

SELWAY PLACE



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3/25/02
DATE

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

LARRY W. MEDRANO
NEW MEXICO
11993
REGISTERED PROFESSIONAL SURVEYOR

NOTES

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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.

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER (6 FT WIDE) AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
5. STD. CURB & GUTTER AS PER STD. DWG. 2415
6. ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
8. ~~FUTURE~~ DEFERRED 4' SIDEWALK
9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

AS-BUILT INFORMATION
CONTRACTOR Melendez
STAKED BY Precision Surveys DATE 3/04
INSPECTOR'S ACCEPTANCE BY BHI DATE 3/04
FIELD VERIFICATION BY Precision DATE 3/04
DRAWINGS CORRECTED BY Precision DATE 3/04

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
Y = 1,492,345.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

MICRO-FILM INFORMATION
RECORDED BY DATE
(COA) Inspector: Henry Blair

SEAL SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO
LARRY W. MEDRANO
11993
REGISTERED PROFESSIONAL SURVEYOR
3/25/02

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY KP/BJS DATE 8/96
DRAWN BY BS DATE 8/96
CHECKED BY KP DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
PAVING PLAN & PROFILE
SELWAY PLACE

DESIGN REVIEW COMMITTEE — APPROVED
CITY ENGINEER APPROVAL — APPROVED OCT 4 2000 CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.
DESIGN REVIEW COMMITTEE — APPROVED APR 2 2000

CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 6 OF 18

BHI JOB NO. C95335A2440

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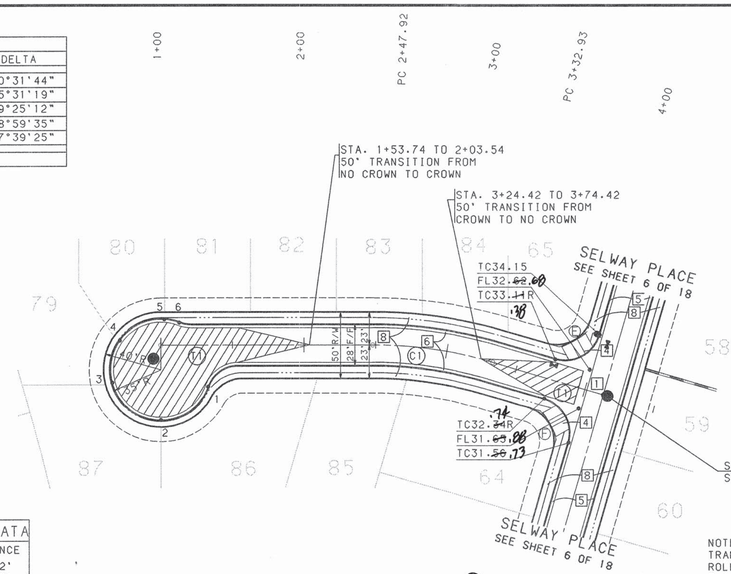
DATE: MAY, 1996

USERNAME: CDP4:EC95335A2405.PNP3SELWAY.GRF

SCANNED BY MESA REPRO

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	~~34.99~~ 35.14	1+33.00 28.66'RT.	70°31'44"
2	~~35.09~~ 35.40	1+00.00 52.00'RT.	75°31'19"
3	~~35.29~~ 35.64	0+66.11 25.75'RT.	49°25'12"
4	~~35.260~~ 35.58	0+71.31 3.05'LT.	58°59'35"
5	~~35.07~~ 35.37	1+02.40 17.91'LT	17°39'25"
6	~~35.01~~ 35.34	1+12.88 15.54'LT	
R=35.00'			



NOTE:
ALL TC ELEVATIONS ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE NOTED.
TC50.25R = TOP OF ROLL CURB

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N57°54'27"E	147.92'
T2	N74°08'41"E	80.49'

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	2+90.71	16°14'14.0"	42.80'	85.02'	300.00'

32.07 (F)

	TC	FL		TC	FL.~~52~~	(E)
1	32.05R	~~31.72~~	1	33.97	33.30	
2	31.46	31.~~44~~.30	2	33.14	33.12 ✓	
3	31.83	31.~~17~~.42	3	33.28R	32.~~98~~R	.71

D=229°10'59"
L=39.27'
R=25.00'
WR=67.26'

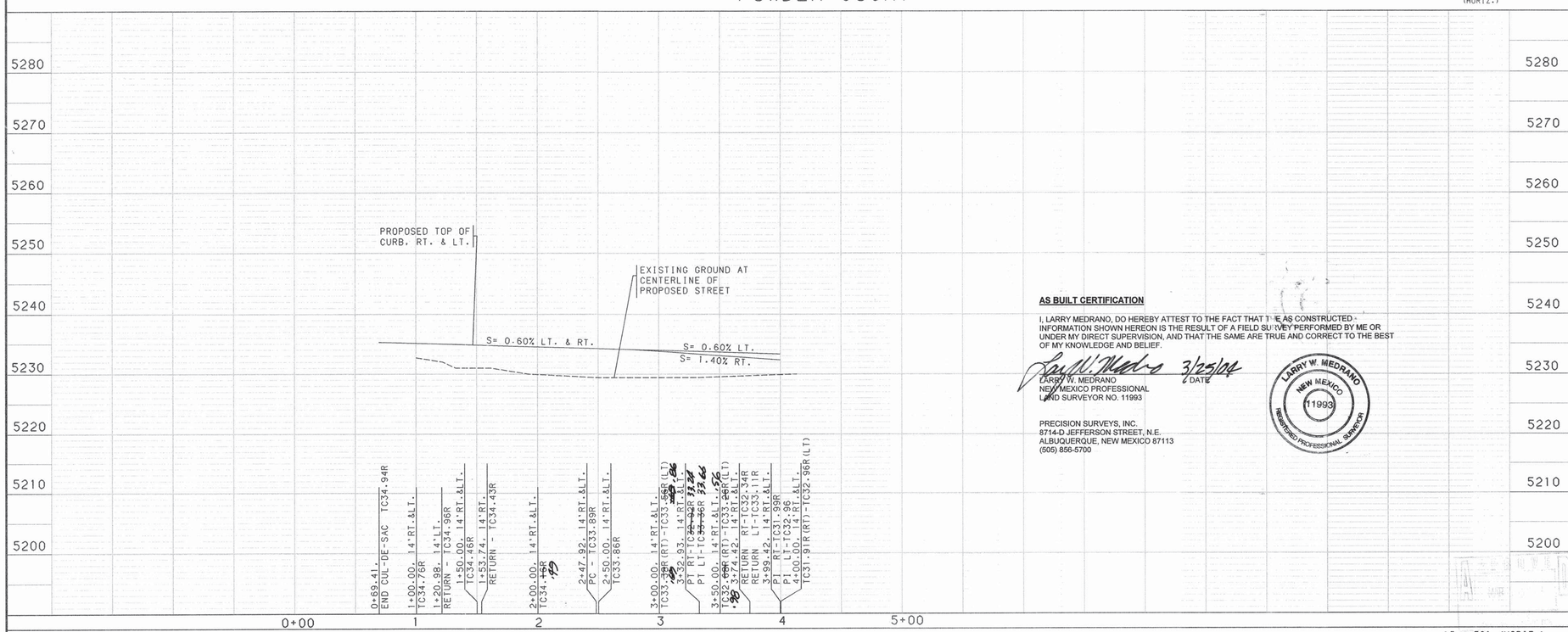
D=229°10'59"
L=39.27'
R=25.00'
WR=67.26'

NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WHEEL RAMPS E & F AS PER STD. DWG. 2418.
SELWAY PLACE = STD. CURB
POWDER COURT = ROLL CURB

N

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

POWDER COURT



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

BHI JOB NO. C95335A2440

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.

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7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.

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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.

PRECISION SURVEYS, INC. NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER 9/26/02

KEYED GENERAL NOTES

1. INSTALL 6FT WIDE CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
5. STD. CURB & GUTTER AS PER STD. DWG. 2415
6. ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
8. ~~FUTURE~~ DEFERRED 4' SIDEWALK
9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

3/25/04
DATE

LARRY W. MEDRANO NEW MEXICO 11993 REGISTERED PROFESSIONAL SURVEYOR

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

AS-BUILT INFORMATION
CONTRACTOR Allendez
WORK STAKED BY Precision Surveys DATE 3/04
INSPECTOR'S ACCEPTANCE BY BHI DATE 3/04
AS-BUILT VERIFICATION BY Precision DATE 3/04
DRAWINGS CORRECTED BY Precision DATE 3/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
3/25/04

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY KP/BJS	DATE 8/96
		DRAWN BY BS	DATE 8/96
		CHECKED BY KP	DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
PAVING PLAN & PROFILE
POWDER COURT

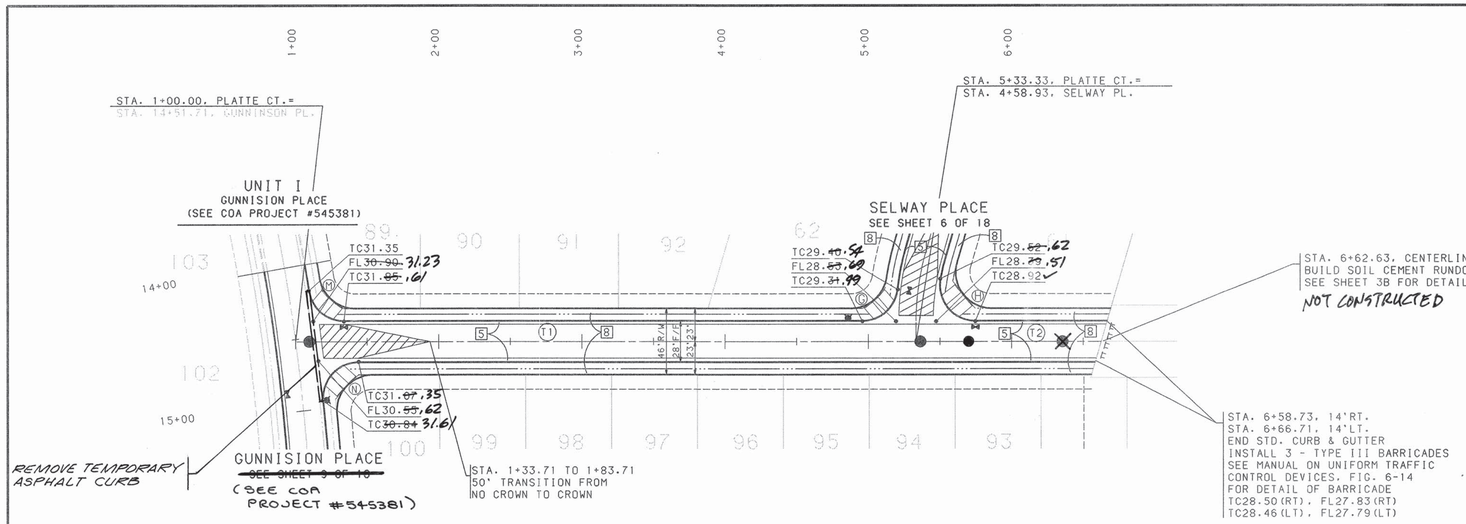
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED DESIGN REVIEW COMMITTEE	APPROVED OCT - 8 2002 CITY ENGINEER	LAST DESIGN UPDATE		
CITY PROJECT NO. 545382	ZONE MAP NO. H-9, J-9	SHEET 7	OF 18	

APPROVED FEB 28 2003 DESIGN REVIEW COMMITTEE

COPYRIGHT BOHANNAN-HUSTON, INC. 1996
DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]POWDER.GRF

SCANNED BY MEGA PRO



	TC	FL	
1	31.48	30.81	Ⓜ
2	30.95	30.93	
3	31.73	31.06	

D= 801 58' 59.6"
L= 35.34'
R= 25.00'
WR= 53.86'

	TC	FL	
1	30.90	30.23	Ⓝ 30.95
2	30.31	30.29	30.82
3	31.01	30.35	31.26

D= 95° 46' 18.8"
L= 41.78'
R= 25.00'
WR= 105.61'

NOTE:
ALL TC ELEVATIONS ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE NOTED.
TC50.25R = TOP OF ROLL CURB

CENTERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N57°54'27"E	433.33'
T1	N57°54'27"E	129.30'

	TC	FL	
1	29.38	28.77	Ⓛ .89
2	27.80	28.68	.92
3	29.33	28.67	.89

D=229°10'59"
L=36.31'
R=25.00'
WR=52.15'

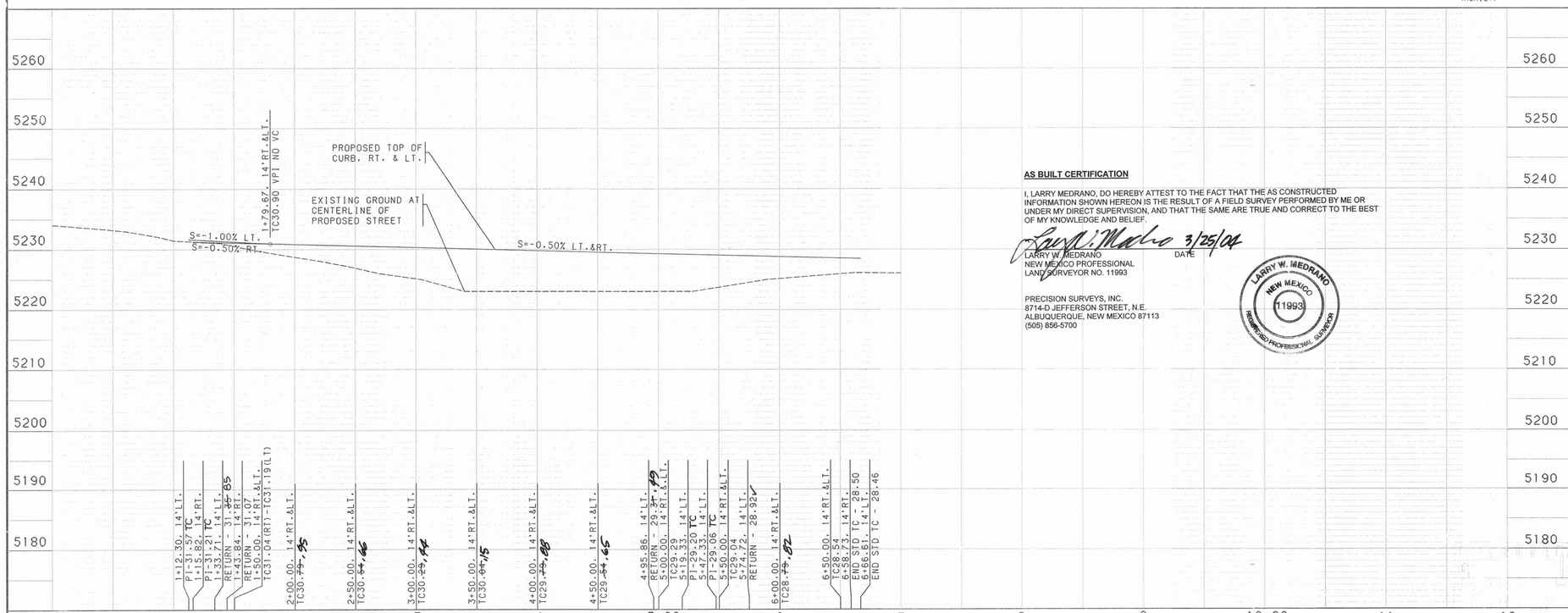
	TC	FL	
1	29.07	28.40	Ⓗ .50
2	28.55	28.53	.80
3	29.37	28.78	.92

D=100°33'36.6"
L=43.87'
R=25.00'
WR=255.46'

N

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

PLATTE COURT



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3/25/04
DATE

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

LARRY W. MEDRANO
NEW MEXICO
11993
REGISTERED PROFESSIONAL SURVEYOR

NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

BRUCE J. LUCERO, MORTON
NEW MEXICO
14523
REGISTERED PROFESSIONAL ENGINEER

KEYED GENERAL NOTES

1. INSTALL 6 FT WIDE CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
5. STD. CURB & GUTTER AS PER STD. DWG. 2415
6. ROLL CURB & GUTTER AS PER STD. DWG. 2415
7. MEDIAN CURB & GUTTER AS PER STD. DWG. 2415
8. DEFERRED ~~FUTURE~~ 4' SIDEWALK
9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

AS-BUILT INFORMATION
CONTRACTOR: Mesa Paving
STAKED BY: Precision Surveys DATE 3/24
INSPECTOR'S ACCEPTANCE BY: BHI DATE 3/24
FIELD VERIFICATION BY: Precision DATE 3/25
DRAWINGS CORRECTED BY: Precision DATE 3/25

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

RECORDED BY
DATE
NO.

ENGINEER'S SEAL
STATE OF NEW MEXICO
MICHAEL M. EMESY
No. 7
REGISTERED PROFESSIONAL ENGINEER

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

NO.	DATE	REMARKS	BY
	8/24/03	New Tie Per COA 545381 (Gunnison Place)	SAR

REVISIONS

DESIGNED BY	KP/BJS	DATE 8/96
DRAWN BY	BS	DATE 8/96
CHECKED BY	KP	DATE 8/96

DESIGN

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
PAVING PLAN & PROFILE
PLATTE COURT

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED DESIGN REVIEW COMMITTEE	APPROVED OCT - 0 2000 CITY ENGINEER			
APPROVED FEB 2 5 2000 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H-9, J-9	8	18

BHI JOB NO. C95335A2440

COPYRIGHT BOHANNAN-HUSTON, INC. 1996
DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]PLATTE.GRF

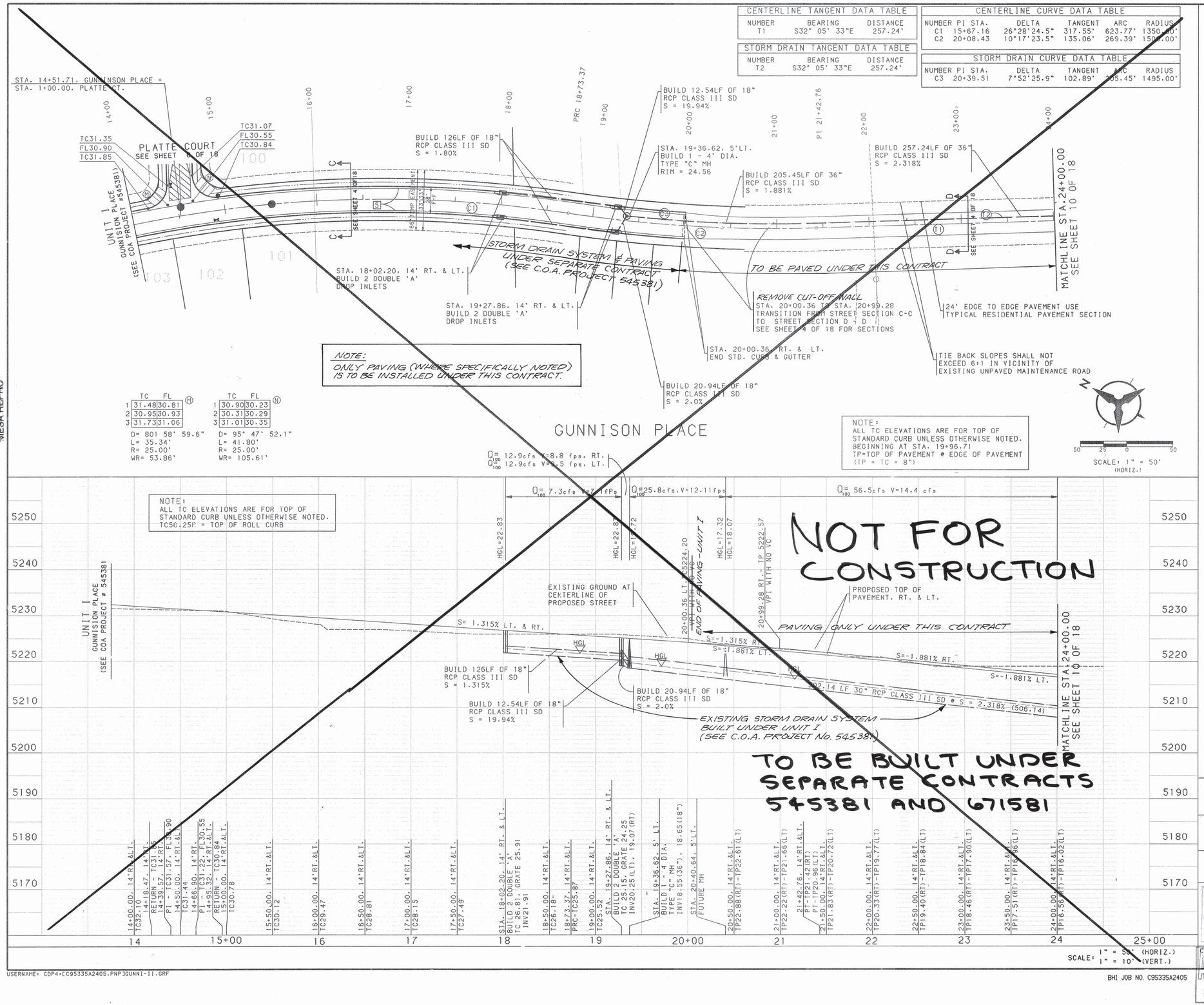
SCANNED BY MESA REPRO

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	S32° 05' 33"E	257.24'

STORM DRAIN TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T2	S32° 05' 33"E	257.24'

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	15+67.16	26°28'24.5"	317.55'	623.77'	1350.00'
C2	20+08.43	10°17'23.5"	135.06'	269.39'	1500.00'

STORM DRAIN CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	20+39.51	7°52'25.9"	102.89'	205.45'	1495.00'



NOTES

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KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE I
4. INSTALL WHEEL CHAIR RAMP AS PER STD. DWG. 2441, CASE II
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8. FUTURE 4' SIDEWALK
9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

AS-BUILT INFORMATION

CONTRACTOR		
STAKED BY		
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.999671051
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

ENGINEER'S SEAL

SURVEY INFORMATION

FIELD NOTES

NO.	DATE	REMARKS	BY
		Record Not Reqd. Per COA 671581	SAR
		545381	

REVISIONS

DESIGNED BY	KP/BJS	DATE 8/96
DRAWN BY	OR	DATE 8/96
CHECKED BY	KP	DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
PAVING PLAN & PROFILE (~~INCLUDING STORM DRAIN~~)
GUNNISON PLACE FROM STA. 20+00.00 TO 24+00.00

DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | MO./DAY/YR. | MO./DAY/YR.
LAST DESIGN UPDATE

APPROVED FEB 22 2000 DESIGN REVIEW COMMITTEE

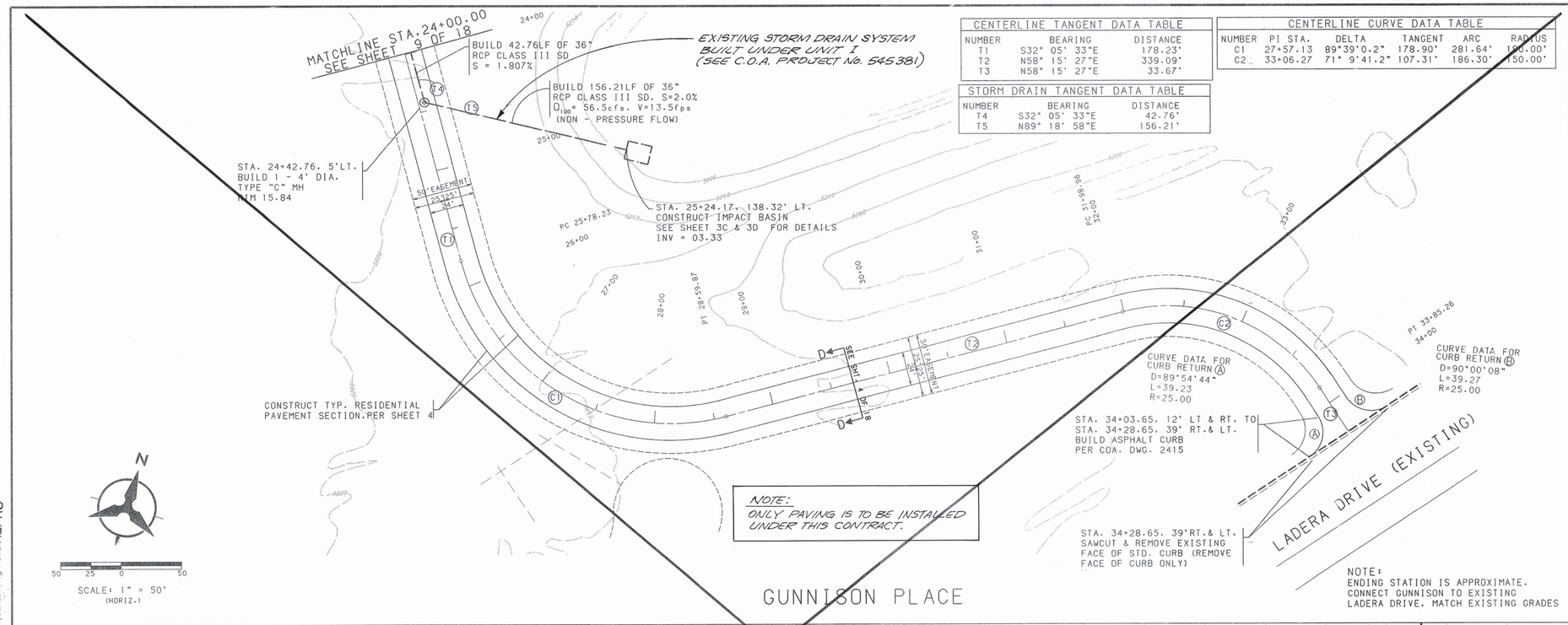
CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 9 OF 18

BHI JOB NO. C95335A2405

COPYRIGHT BOHANNAN-HUSTON, INC. 1996
DATE: MAY, 1996

SCANNED BY MESA REPRO

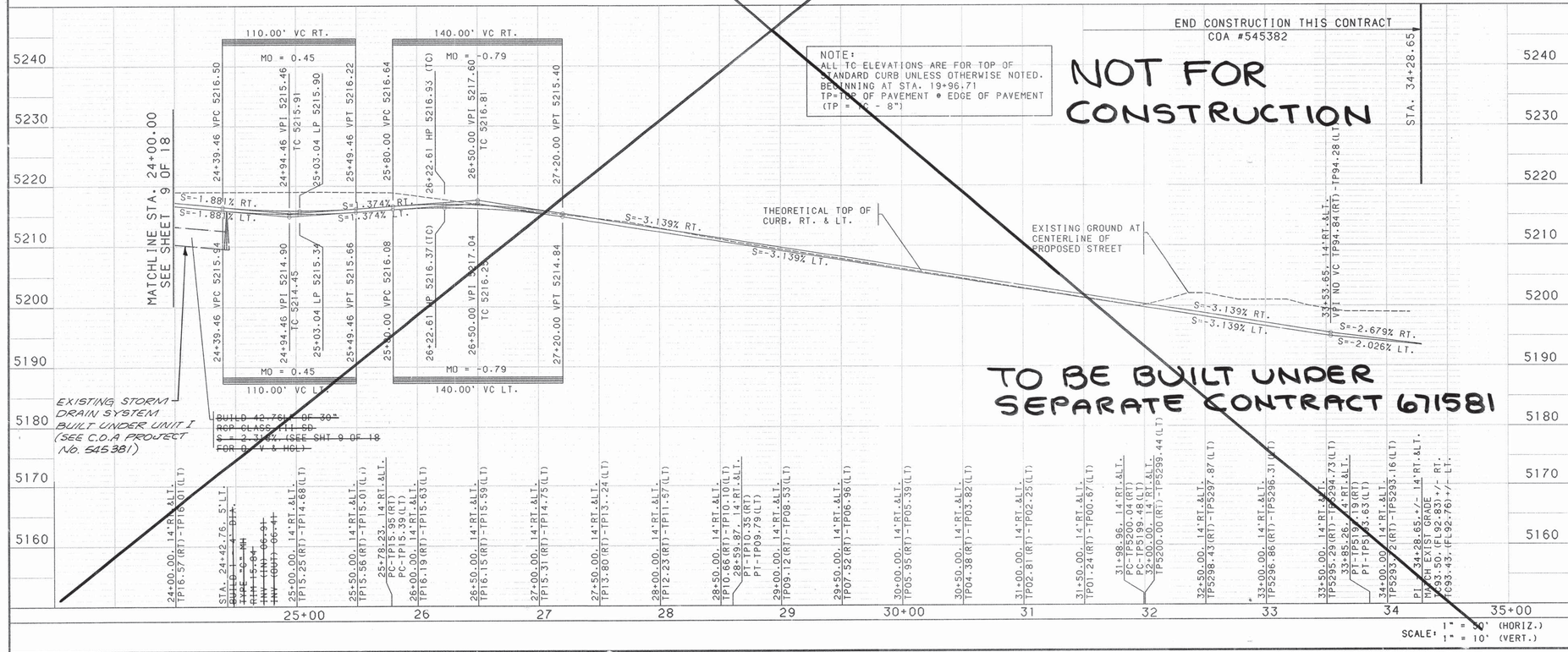
USERNAME: CDP4:[C95335A2405.PNP]GUNNI-II.GRF



CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	S32° 05' 33"E	178.23'
T2	N58° 15' 27"E	339.09'
T3	N58° 15' 27"E	33.67'

STORM DRAIN TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T4	S32° 05' 33"E	42.76'
T5	N89° 18' 58"E	156.21'

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	27+57.13	89°39'0.2"	178.90'	281.64'	180.00'
C2	33+06.27	71° 9'41.2"	107.31'	186.30'	150.00'



NOTES

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9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER 3/1/02 3/20/02

SEAL SURVEY INFORMATION — FIELD NOTES

NO.	BY	DATE

BENCH MARKS — AS-BUILT INFORMATION

ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

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

ENGINEER'S SEAL

MICHAEL M. SANDY No. 5195 STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 3/21/02

NO.	DATE	REMARKS	BY
		Brunch Not Regd. Per Con 671581	SMR

REVISIONS

		DATE
DESIGNED BY	KP/BJS	8/96
DRAWN BY	OR	8/96
CHECKED BY	KP	8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
PAVING PLAN & PROFILE ~~(INCLUDING STORM DRAIN)~~
GUNNISON PLACE FROM 24+00 TO 34+28.65

DESIGN REVIEW COMMITTEE — APPROVED — FEB 2 2 2000 — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 10 OF 18

BHI JOB NO. C95335A2405

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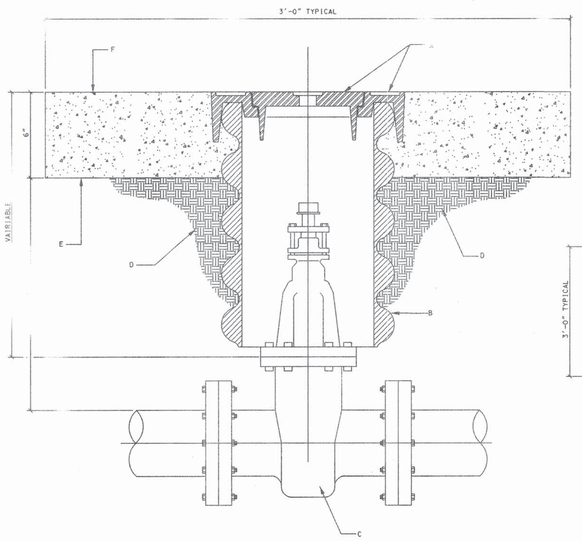
DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]GUNNI-III.GRF

SCANNED BY MESA REPRO



GENERAL NOTES:

A VALVE BOX RING AND COVER. SEE DWG. 2328.

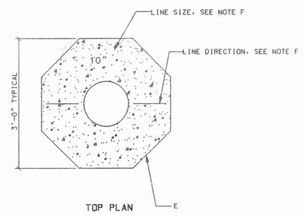
B 10" DIAMETER RIBBED OR CORRUGATED PVC OR PE PIPE WITH SMOOTH INTERIOR.

C NEW OR EXISTING VALVE.

D COMPACTED BACKFILL. SOIL OR BASE COURSE MATERIAL (95% COMPACTION). SEE SECTION 701.

E 3'-0"x3'-0" OCTAGONAL CONCRETE COLLAR. COLLAR IS TO BE TAPERED IN UNPAVED ROADWAYS AND FLUSH IN PAVED ROADWAY. CONCRETE STRENGTH SHALL BE PER SECTION 101 OF THE STANDARD SPECIFICATIONS, LATEST EDITION.

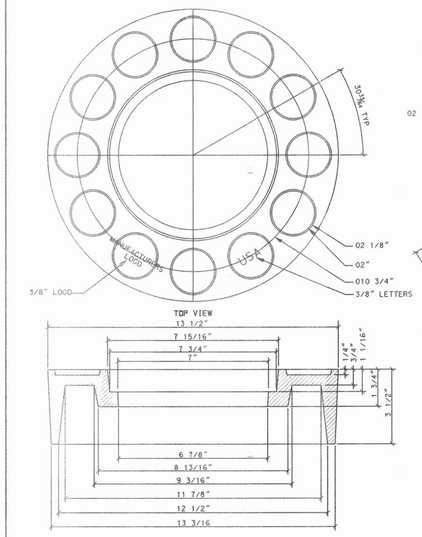
F TOP OF CONCRETE COLLAR SHALL BE STAMPED WITH LINE SIZE AND DIRECTION. MINIMUM LETTER SIZE SHALL BE 3" IN HEIGHT.



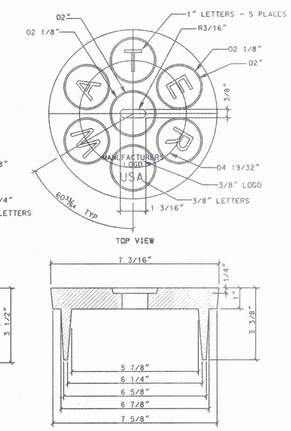
TOP PLAN

DWG 2326

REVISIONS	CITY OF ALBUQUERQUE WATER VALVE BOX DWG. 2326 JANUARY 2002



VALVE BOX RING



VALVE BOX COVER

GENERAL NOTES - RING

1 ALBUQUERQUE VALVE BOX RING DESIGNED TO ACCEPT AN ALBUQUERQUE VALVE BOX COVER.

2 THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF MANUFACTURE AND "USA" SHALL BE CAST IN A CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.

3 FILLETS SHALL BE 1/4"R UNLESS OTHERWISE SPECIFIED.

4 A DRAFT ANGLE OF 3°-5° SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.

5 FINISH: REMOVE EXCESS IRON AND FINS.

6 THIS DETAIL DOES NOT APPLY FOR VALVE BOX RING AND COVER TO BE USED ON REUSE OR NON-POTABLE WATER SYSTEMS.

GENERAL NOTES - COVER

1 ALBUQUERQUE VALVE BOX COVER DESIGNED TO FIT INTO AN ALBUQUERQUE VALVE BOX RING.

2 THE CASTING NUMBER, MANUFACTURER'S LOGO, DATE OF MANUFACTURE AND "USA" SHALL BE CAST IN A CONSPICUOUS LOCATION ON BOTH THE RING AND THE COVER.

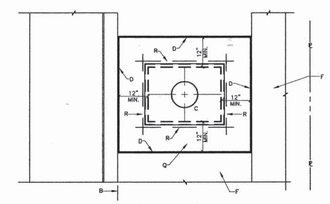
3 FILLETS SHALL BE 1/4"R UNLESS OTHERWISE SPECIFIED.

4 A DRAFT ANGLE OF 3°-5° SHALL BE APPLIED UNLESS OTHERWISE SPECIFIED.

5 FINISH: REMOVE EXCESS IRON AND FINS.

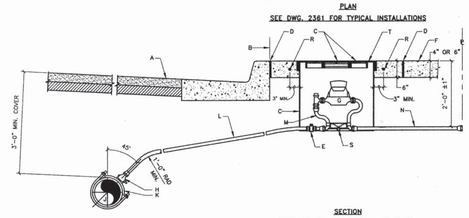
DWG 2328

REVISIONS	CITY OF ALBUQUERQUE WATER RING AND COVER FOR VALVE BOX DWG. 2328 JANUARY 2002



PLAN

SEE DWG. 2361 FOR TYPICAL INSTALLATIONS



SECTION

SERVICE LINE FOR 3/4" - 1" METER

GENERAL NOTES:

1 THE METER SHALL BE SET UTILIZING A COPPER-SETTER. COPPER-SETTER HEIGHT 10" FOR 1" METER. 7" FOR 3/4" METER.

2 THE VALVE AND METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING. WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX, THE METER REGISTERS SHALL BE WITHIN READING RANGE OF THE LID OPENING.

3 METER BOX LOCATION TO CONFORM TO DWG. 2361.

4 WHEN CONTRACTOR DOES NOT INSTALL METER, CONTRACTOR SHALL PROVIDE REMOVABLE PLUGS FOR END OF COPPER-SETTER.

5 EXISTING CONCRETE TO BE SAWCUT.

CONSTRUCTION NOTES:

A STREET SURFACE.

B BACK OF CURB.

C CAST IRON METER BOX, COVER AND LID. SEE DWG. 2368 OR 2369.

D 1/2" EXPANSION JOINT.

E CURB STOP, LOCATE INSIDE METER BOX.

F SIDEWALK OR DRIVEPAD.

G METER. TOP OF METER TO BE 12"-18" BELOW COVER.

H CORP STOP.

J MAIN WATER LINE.

K TAPPING SADDLE.

L COPPER SERVICE LINE.

M COPPER SETTER.

N TAILPIECE TO PROPERTY LINE WITH INSTA-TITE I.P.T. CAPPED FITTING.

Q CONCRETE PAD REQUIRED IN ALL AREAS.

R #4 REBAR CONTINUOUS ALL AROUND METER BOX.

S STABILIZER BAR. 12" LONG X 1/2" DIAMETER GALVANIZED STEEL PIPE.

T METER BOX LID SHALL BE FLUSH WITH SURROUNDING SIDEWALK.

REVISIONS	CITY OF ALBUQUERQUE WATER 3/4" - 1" METERED SERVICE LINE INSTALLATION DWG. 2362 JANUARY 2002

SCANNED BY MESA FIRPRO

BHI JOB NO. XXXXXXXX

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSINGS SUBDIVISION UNIT II
CITY OF ALBUQUERQUE VALVE BOX DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
DRAFT	COA STD			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H9/J9	11-A	18

AS-BUILT INFORMATION

CONTRACTOR Melendez
WORK STAKED BY Precision Surveys DATE 9/01
INSPECTOR'S ACCEPTANCE BY BHI DATE 3/04
FIELD VERIFICATION BY Precision DATE 3/04
DRAWINGS CORRECTED BY Precision DATE 3/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

ACS ALUMINUM TABLET STAMPED "BH-40"

GEOGRAPHIC POSITION (NAD 1927)

N.M. STATE PLANE COORD. (CENTRAL ZONE)

X=352,790.66 Y=1,492,346.53

GROUND TO GRID FACTOR = 0.9996705

DELTA ALPHA = -00DEG 16 MIN 59 SEC

NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

BRUCE J. STIDWORTHY
NEW MEXICO
14523
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
	8/26/02	Added Sheet Per Project Revisions	SMR

REVISIONS

DESIGNED BY	COA	DATE 01/2002
DRAWN BY	COA	DATE 01/2002
CHECKED BY	COA	DATE 01/2002

P:\020040\CDP\GENERAL\crossings-unit2-valves.dgn

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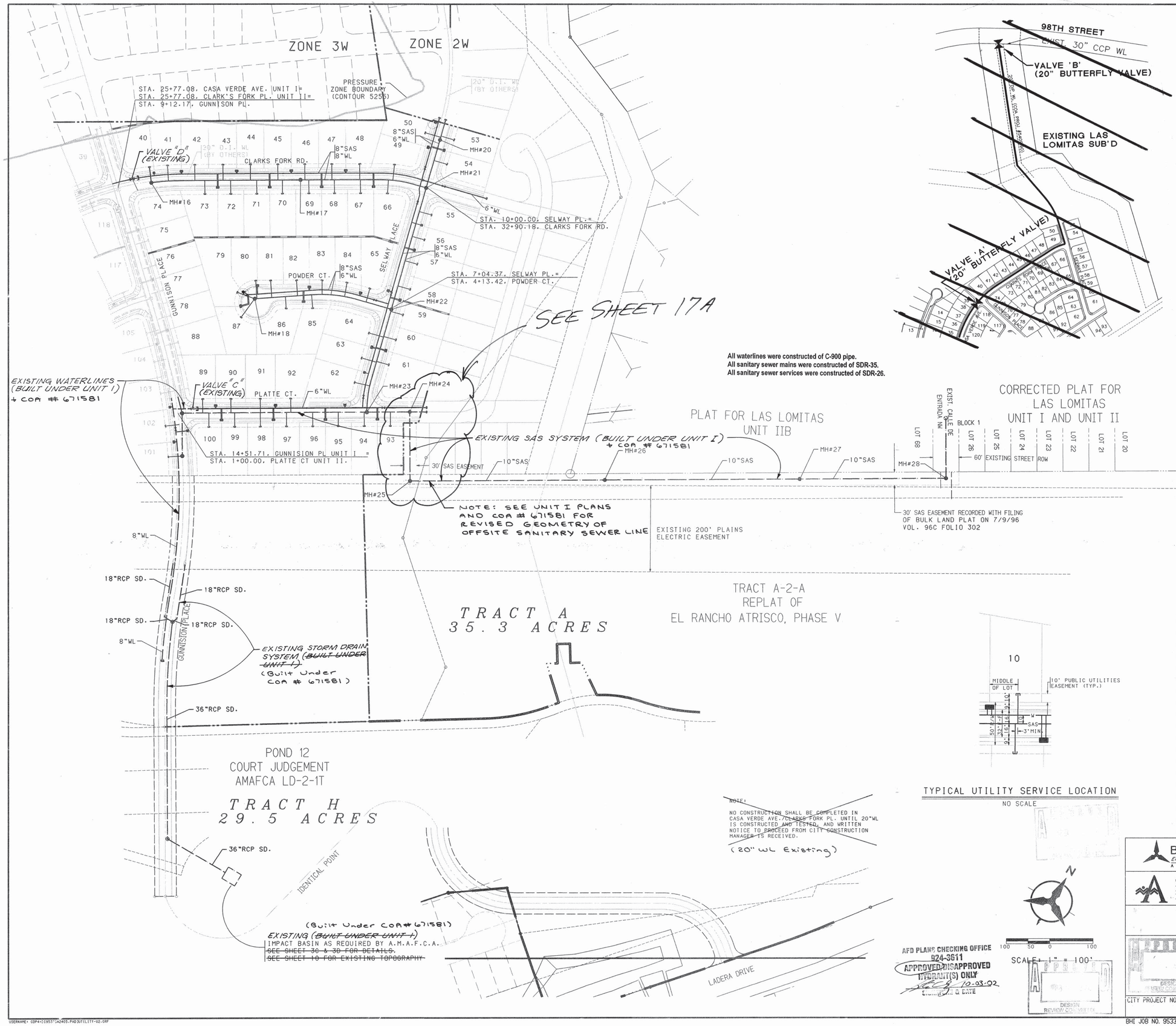
28-aug-2002
10:33



WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUCTION WITH THE COMPLETION OF THE PROJECT. Seven (7)

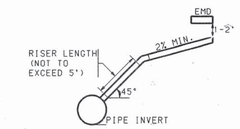
AT LEAST ~~FIVE (5)~~ WORKING DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE CITY VALVES.

WATER SHUT-OFF PLAN:

FOR CONNECTION	CLOSE VALVE(S)
ALL WATER LINE CONNECTIONS	"C" & "D"

NOTE: VALVES "C" & "D" ARE NOT SHOWN ON THE COA AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, AND FOR THIS REASON, ARE LABELED AS SUCH FOR THIS PLAN ONLY. THE CONTRACTOR SHALL COORDINATE THE SHUT-OFF PLAN WITH THE OWNER.

NOTE:
SEE OVERALL PLAN FOR LOCATIONS OF VALVES "C" & "D"



SERVICE RISER DETAIL

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

LEGEND

PROJECT BOUNDARY	
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	
PROPOSED SANITARY SEWER LINE	SAS
EXISTING SANITARY SEWER LINE	SAS
PROPOSED WATER LINE	W
EXISTING WATER LINE	W
PROPOSED SANITARY SEWER SERVICE	
PROPOSED WATER METER SERVICE	

AS-BUILT INFORMATION

CONTRACTOR Melendez
STAKED BY Precision Surveys DATE 3/04
INSPECTOR'S ACCEPTANCE BY BHI DATE 3/04
FIELD VERIFICATION BY Precision DATE 3/04
AS-BUILTS CORRECTED BY Precision DATE 3/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.13

SEAL SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	REMARKS	BY	DATE
	REVISIONS		
	DESIGN		

		DATE
DESIGNED BY	KP/BJS	8/96
DRAWN BY	BS	8/96
CHECKED BY	KP	8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
OVERALL UTILITY

CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE		
CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H-9.J-9	11	18

BHI JOB NO. 95335A2405

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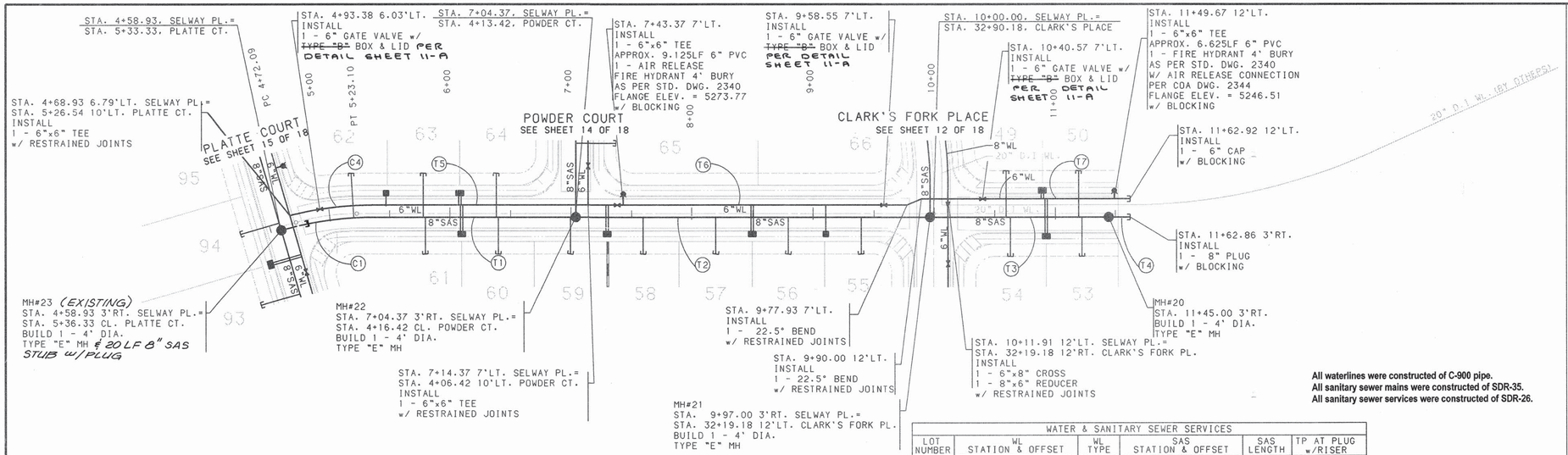
SCANNED BY MESA REPRO



All waterlines were constructed of C-900 pipe.
All sanitary sewer mains were constructed of SDR-35.
All sanitary sewer services were constructed of SDR-26.

SAS CURVE DATA TABLE

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+97.74	16° 3'58.4"	38.81'	77.11'	275.00'
~~C2~~	~~12+54.52~~	~~21°5'38.3"~~	~~93.62'~~	~~185.18'~~	~~503.00'~~
~~C3~~	~~13+59.45~~	~~3°18'4.2"~~	~~14.49'~~	~~28.98'~~	~~503.00'~~

WATERLINE CURVE DATA TABLE

NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C4	5+04.08	14° 3'40.8"	35.15'	69.94'	285.00'
~~C5~~	~~12+66.36~~	~~24°23'39.7"~~	~~105.48'~~	~~207.77'~~	~~488.00'~~

SAS TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S15°51'19"E	167.29'
T2	S15°51'19"E	295.63'
T3	S15°51'19"E	116.63'
T4	S15°51'19"E	49.24'

WATERLINE TANGENT DATA

NUMBER	BEARING	DISTANCE
T5	S15°51'19"E	167.29'
T6	S15°51'19"E	273.56'
T7	S15°51'19"E	170.87'

WATER & SANITARY SEWER SERVICES

LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TP AT PLUG w/RISER
49	10+89.67, 12' LT	DOUBLE	10+59.77, 3' RT	38.00'	32.~~12~~ .07
50			11+19.81, 3' RT	38.00'	~~34.14~~ 33.77
53	10+92.87, 12' LT	DOUBLE	11+22.58, 3' RT	32.00'	34.~~77~~ .19
54			10+63.40, 3' RT	31.40 ~~32.00'~~	33.~~46~~ (2') .34
55	9+11.00, 7' LT	SINGLE	9+39.92, 3' RT	30.00'	31.~~65~~ (4') .59
56	8+50.00, 7' LT	DOUBLE	8+79.93, 3' RT	33.60 ~~30.00'~~	32.12 (5')
57			8+20.00, 3' RT	33.20 ~~30.00'~~	31.~~64~~ (5') .67
58	7+30.00, 7' LT	DOUBLE	7+60.13, 3' RT	30.00'	29.~~55~~ (3') .43
59			6+99.91, 3' RT	.50 30.~~00~~'	27.~~49~~ .50
60	6+10.00, 7' LT	DOUBLE	6+40.22, 3' RT	30.00'	26.~~18~~ .08
61			5+80.11, 3' RT	.50 30.~~00~~'	25.~~49~~ (2') .45
62	5+47.54, 5' LT.	SINGLE	5+20.64, 3.47' RT	.00 36.~~50~~'	25.~~03~~ (3') .08
63	6+08.54, 7' LT.	DOUBLE	5+78.38, 3' RT	35.50 ~~36.00'~~	25.~~43~~ (2') .98
64			6+38.60, 3' RT	36.00'	26.~~08~~ .04

SCALE: 1" = 50' (HORIZ.)

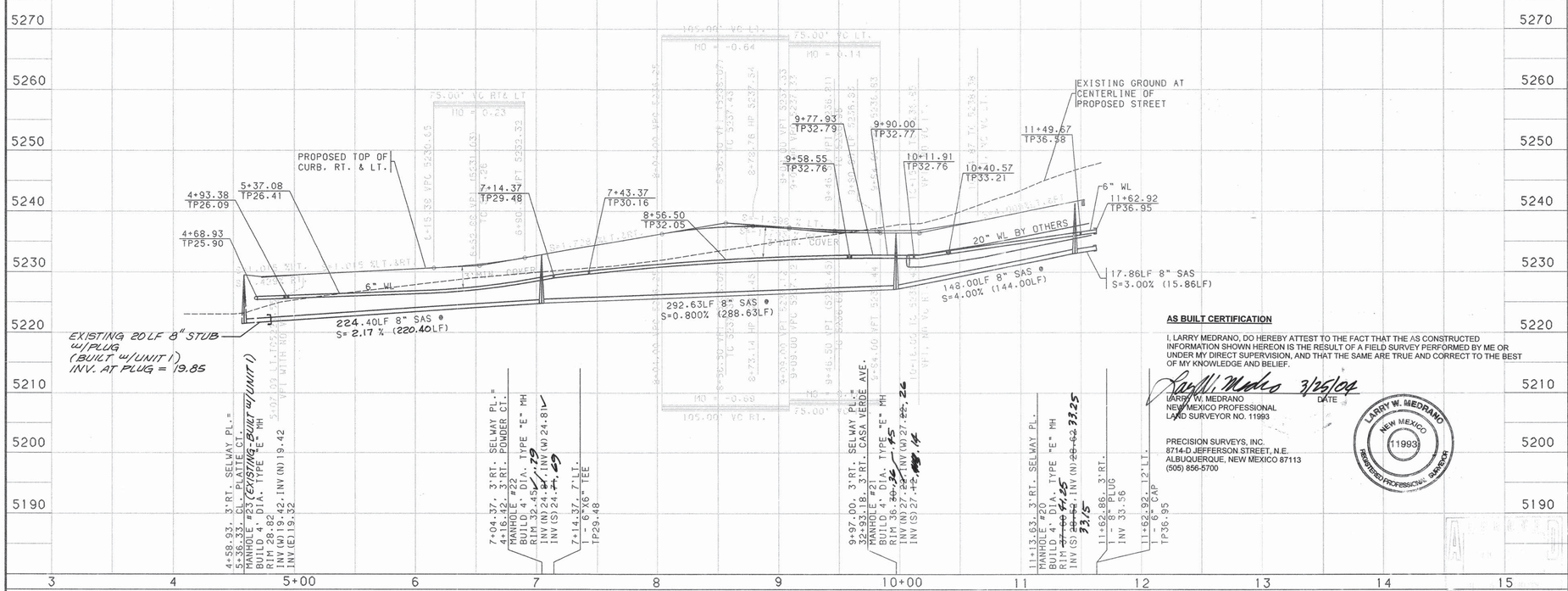
NOTES

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 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.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6")	(8")
11.25° H BEND	2'	3'
22.50° H BEND	4'	5'
45° H BEND	8'	11'
90° H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3/25/04
DATE

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

LARRY W. MEDRANO NEW MEXICO 11993 REGISTERED PROFESSIONAL SURVEYOR

AS-BUILT INFORMATION
CONTRACTOR Miranda
STAKED BY Precision Surveys
INSPECTOR'S ACCEPTANCE BY BLT DATE 4/6/04
FIELD VERIFICATION BY Precision DATE 3/04
DRAWINGS CORRECTED BY Precision DATE 3/04

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.999967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO 14523 BRUCE J. STIDWORTHY REGISTERED PROFESSIONAL ENGINEER
3/26/04
9/26/03
8/6/96

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY KP/BJS DATE 8/96
DRAWN BY BS DATE 8/96
CHECKED BY KP DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
SELWAY PLACE

DESIGN REVIEW COMMITTEE: APPROVED FEB 25 2000 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED MAR - 8 2000 CITY ENGINEER
LAST DESIGN UPDATE | MO./DAY/YR. | MO./DAY/YR.

CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 13 OF 18

BHI JOB NO. C95335A2440

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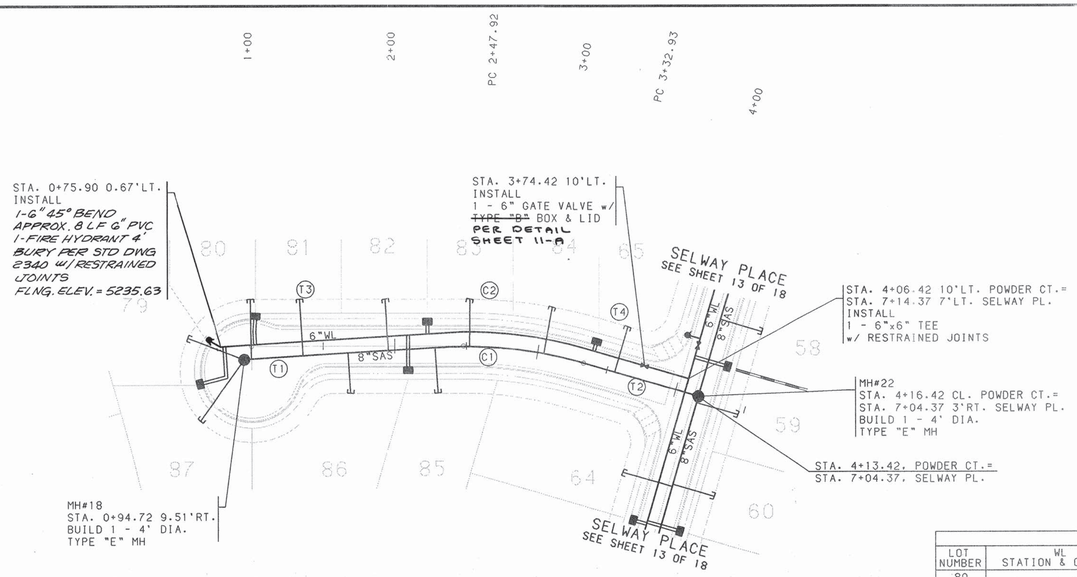
DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]SELWAY.GRF

SCANNED BY MESA REPRO



All waterlines were constructed of C-900 pipe.
All sanitary sewer mains were constructed of SDR-35.
All sanitary sewer services were constructed of SDR-26.

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	7+38.98	19°47'26.4"	52.33'	103.62'	300.00'

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	7+46.28	16°17'0.8"	44.35'	88.10'	310.00'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N54°25'56"E	136.47'
T2	N74°08'41"E	81.77'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	N54°21'15"E	172.09'
T4	N74°08'41"E	73.49'

POWDER COURT

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE * AT PLUG
80	1+02.41, 0.98'LT	DOUBLE	0+99.75, 9.02'RT	43.64 ~~42.02'~~	29.~~92~~ .90
81			1+35.87, 6.96'RT	41.50 ~~39.91'~~	29.~~69~~ .68
82	2+22.75, 8.45'LT	DOUBLE	1+95.39, 3.26'RT	37.40 ~~36.29'~~	29.~~41~~ .40
83			2+52.15, 0.46'RT	34.00 ~~33.46'~~	28.~~89~~ .91
84	3+37.64, 10'LT	DOUBLE	3+04.43, 0.16'RT	33.17'	28.~~52~~ .57
65			3+55.61, CL	33.50 ~~33.00'~~	28.~~47~~ .18
85	2+09.31, 7.61'LT	DOUBLE	2+27.97, 1.25'RT	31.90'	28.~~07~~ .08
86			1+67.27, 5.0'RT	28.60 ~~28.04'~~	29.~~19~~ .17
87 **	0+80.89, 0.36'RT	DOUBLE	MH#18 S 3°33'24" W	52.28'	~~29.86~~ 28.72
79 **			MH#18 S 78°57'45" W	42.60 ~~42.16'~~	~~29.97~~ 30.36

** CONNECT SAS SERVICE TO MH PER COA STD DWG 2118

* NO RISERS REQUIRED FOR THIS SHEET

N

SCALE: 1" = 50' (HORIZ.)

NOTES

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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 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.

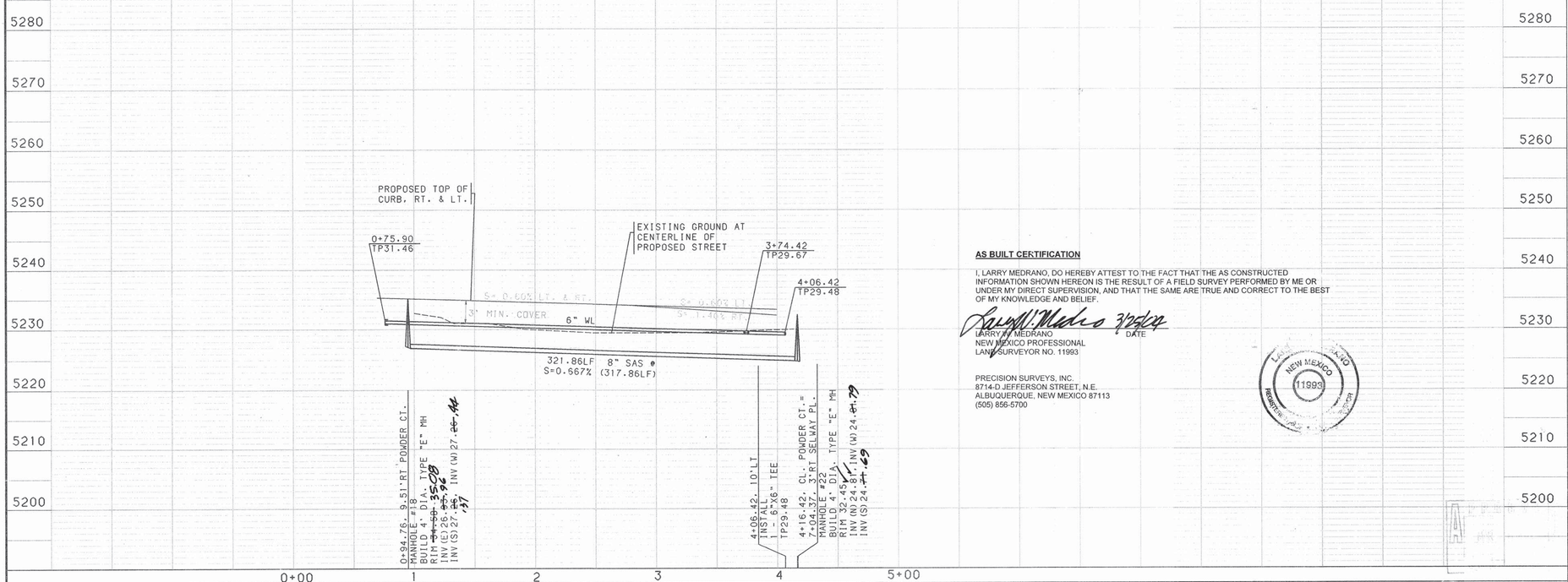
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).

12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6")	(8")
11.25° H BEND	2'	3'
22.50° H BEND	4'	5'
45° H BEND	8'	11'
90° H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

LARRY M. MEDRANO — DATE
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

AS-BUILT INFORMATION
CONTRACTOR Milnedge
WORK STAKED BY Precision Surveys DATE 4/01
INSPECTOR'S ACCEPTANCE BY BLT DATE 3/02
FIELD VERIFICATION BY Precision DATE 3/02
DRAWINGS CORRECTED BY Precision DATE 3/02
MICRO-FILM INFORMATION
RECORDED BY — DATE — NO.

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
BRUCE J. STIDWORTHY NEW MEXICO 14521 REGISTERED PROFESSIONAL ENGINEER 9/20/02
STATE OF NEW MEXICO MICHAEL M. EARTHY No. 5194 REGISTERED 8/21/02

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY KP/BJS DATE 8/96
DRAWN BY BS DATE 8/96
CHECKED BY KP DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
POWDER COURT

DESIGN REVIEW COMMITTEE — APPROVED
CITY ENGINEER APPROVAL — APPROVED OCT - 8 2002 CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.
DESIGN REVIEW COMMITTEE — APPROVED OCT 2 2000

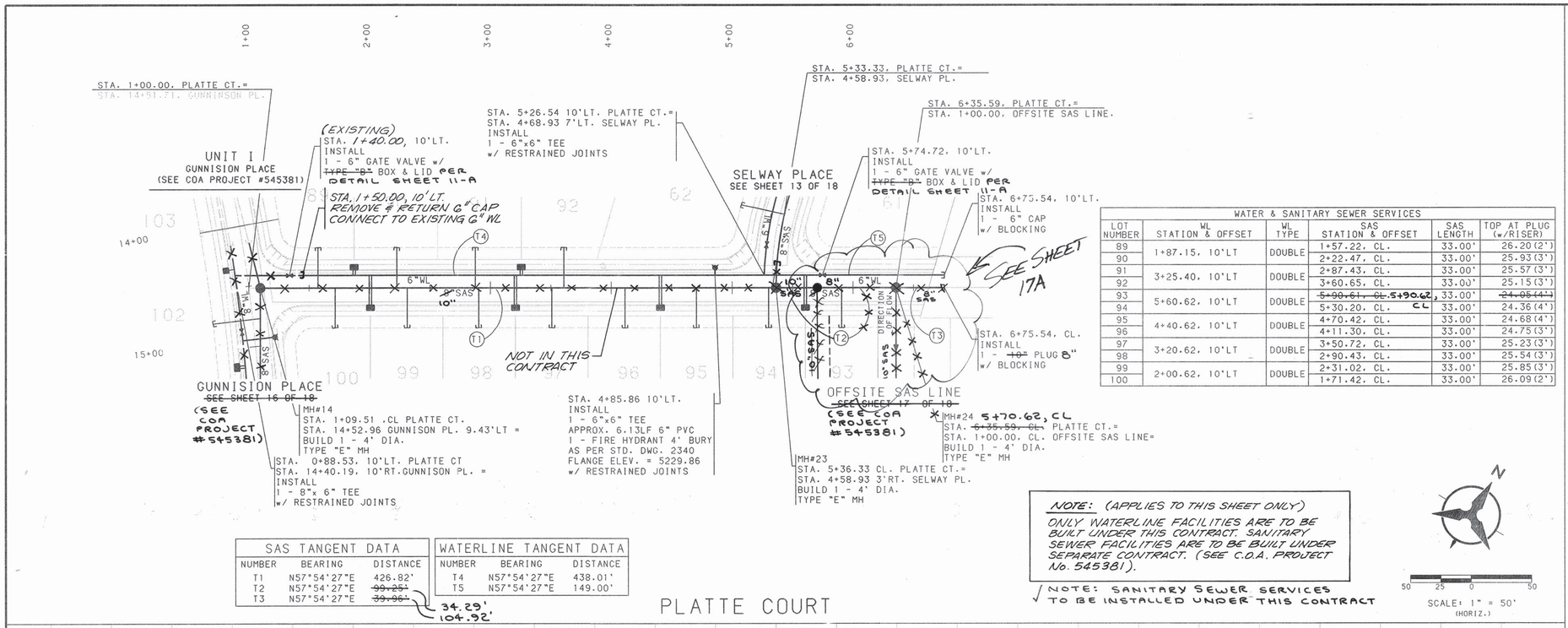
CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 14 OF 18

BHI JOB NO. C95335A2440

COPYRIGHT BOHANNAN-HUSTON, INC.
DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]POWDER.GRF

SCANNED BY MESA REPRO



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP AT PLUG (w/RISER)
89	1+87.15, 10'LT	DOUBLE	1+57.22, CL.	33.00'	26.20(2')
90			2+22.47, CL.	33.00'	25.93(3')
91	3+25.40, 10'LT	DOUBLE	2+87.43, CL.	33.00'	25.57(3')
92			3+60.65, CL.	33.00'	25.15(3')
93	5+60.62, 10'LT	DOUBLE	~~5+90.61, CL.~~ 5+90.62,	33.00'	~~24.95(4')~~
94			5+30.20, CL. CL	33.00'	24.36(4')
95	4+40.62, 10'LT	DOUBLE	4+70.42, CL.	33.00'	24.68(4')
96			4+11.30, CL.	33.00'	24.75(3')
97	3+20.62, 10'LT	DOUBLE	3+50.72, CL.	33.00'	25.23(3')
98			2+90.43, CL.	33.00'	25.54(3')
99	2+00.62, 10'LT	DOUBLE	2+31.02, CL.	33.00'	25.85(3')
100			1+71.42, CL.	33.00'	26.09(2')

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N57°54'27"E	426.82'
T2	N57°54'27"E	~~99.25'~~ 34.29'
T3	N57°54'27"E	~~39.96'~~ 104.92'

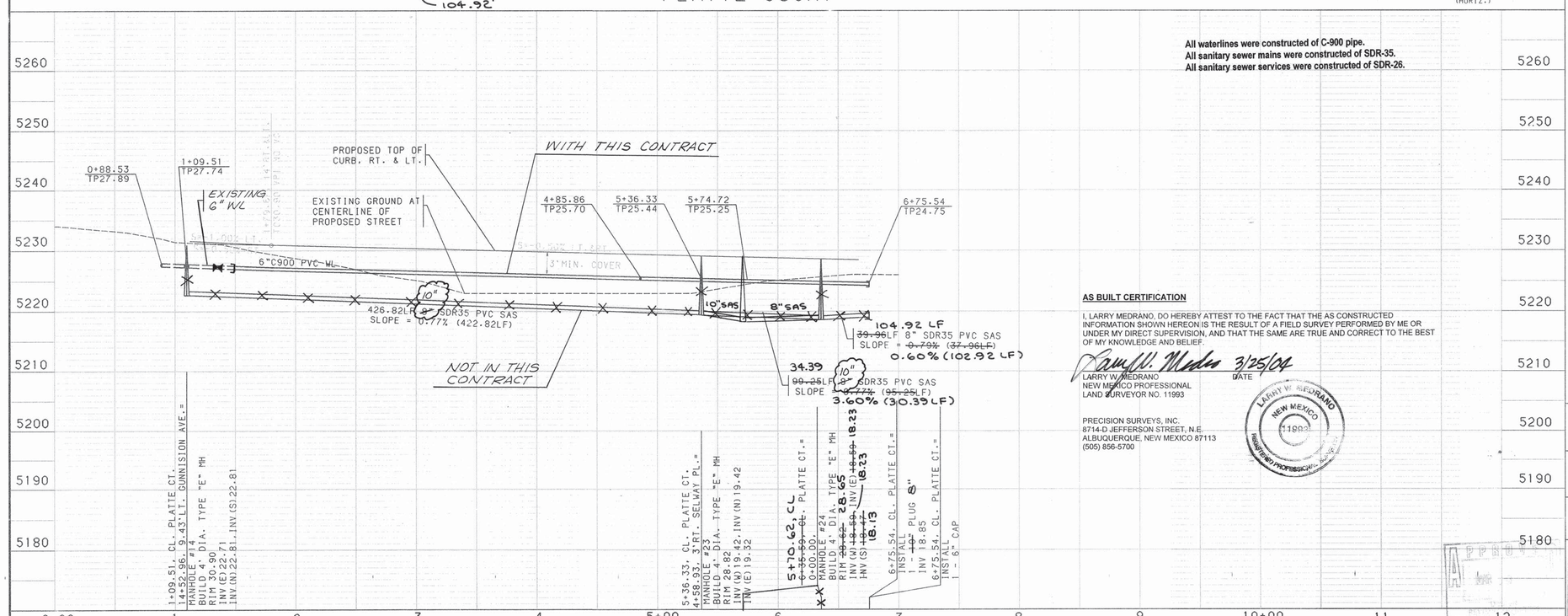
WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T4	N57°54'27"E	438.01'
T5	N57°54'27"E	149.00'

NOTE: (APPLIES TO THIS SHEET ONLY)
ONLY WATERLINE FACILITIES ARE TO BE BUILT UNDER THIS CONTRACT. SANITARY SEWER FACILITIES ARE TO BE BUILT UNDER SEPARATE CONTRACT. (SEE C.O.A. PROJECT No. 545381).

√ NOTE: SANITARY SEWER SERVICES TO BE INSTALLED UNDER THIS CONTRACT

SCALE: 1" = 50' (HORIZ.)

PLATTE COURT



SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

All waterlines were constructed of C-900 pipe.
All sanitary sewer mains were constructed of SDR-35.
All sanitary sewer services were constructed of SDR-26.

AS BUILT CERTIFICATION

I, LARRY W. MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Larry W. Medrano 3/25/04
DATE

LARRY W. MEDRANO
NEW MEXICO PROFESSIONAL
LAND SURVEYOR NO. 11993

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

LARRY W. MEDRANO NEW MEXICO 11993 REGISTERED PROFESSIONAL SURVEYOR

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 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.

BRUCE A. STOCKTON NEW MEXICO 14522 REGISTERED PROFESSIONAL ENGINEER 2/6/04

RESTRAINED JOINT L.F.

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6")	(8")
11.25° H BEND	2'	3'
22.50° H BEND	4'	5'
45° H BEND	8'	11'
90° H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING

AS-BUILT INFORMATION
CONTRACTOR Melendez
WORK STAKED BY Precision Surveys DATE 8/04
AS-BUILTS REVIEWED BY BHI DATE 8/04
ACCEPTANCE BY
FIELD VERIFICATION BY Precision DATE 8/04
DRAWINGS CORRECTED BY Precision DATE 8/04

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99957105

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

FIELD NOTES SURVEY INFORMATION

NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO 14522 BRUCE A. STOCKTON REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY KP/BJS DATE 8/96
DRAWN BY BS DATE 8/96
CHECKED BY KP DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
PLATTE COURT

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED	APPROVED OCT - 8 2004 CITY ENGINEER	LAST DESIGN UPDATE	10-26-00	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H-9, J-9	15	18

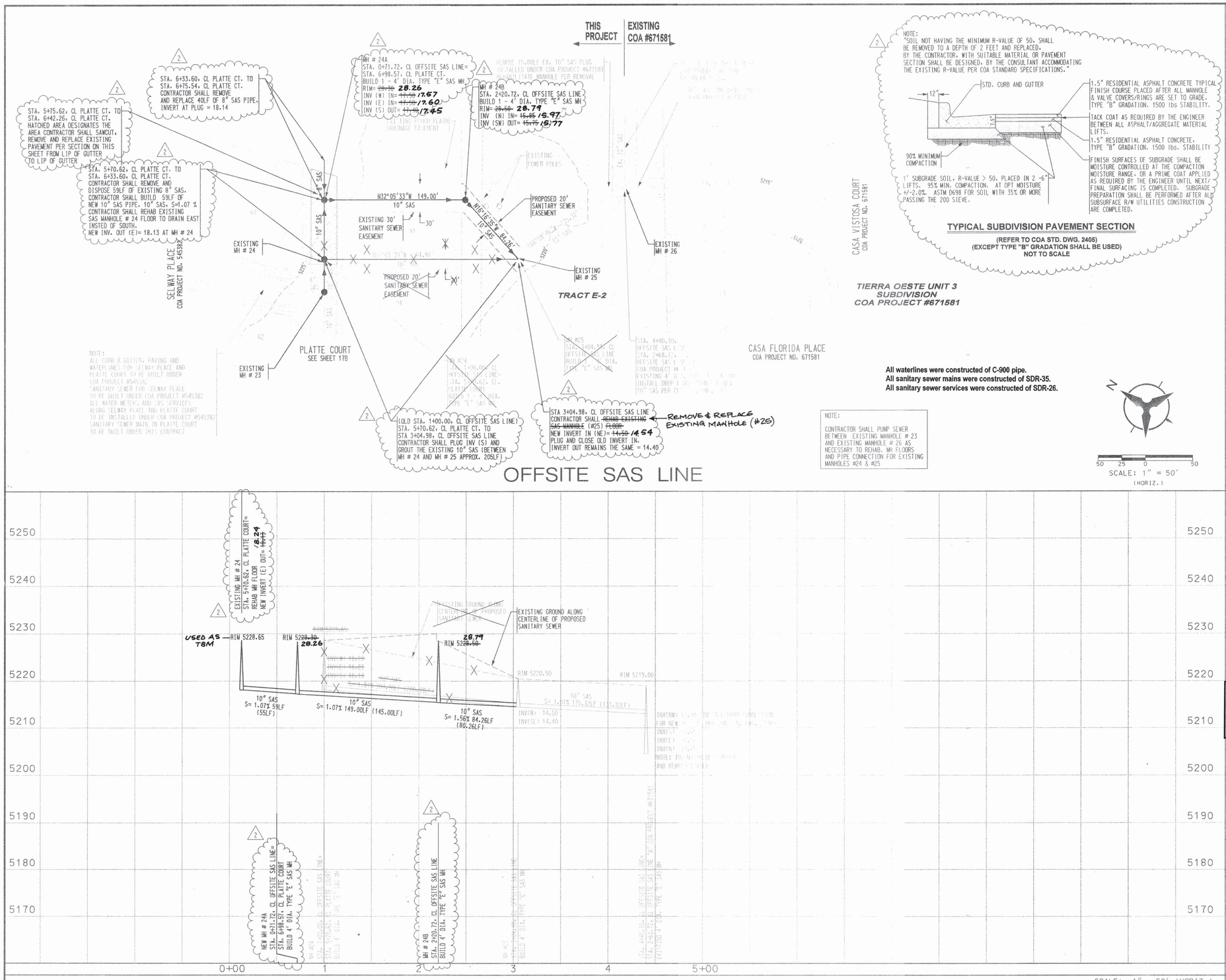
APPROVED FEB 22 2000 DESIGN REVIEW COMMITTEE

BHI JOB NO. C95335A2440

COPYRIGHT BOHANNAN-HUSTON, INC.
DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]PLATTE.ORF

SCANNED BY MESA REPRO



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
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10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & 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. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.

RECORD DRAWING CERTIFICATION

I, Alan R. Benham, a Registered New Mexico Professional Surveyor in the State of New Mexico, do hereby certify that this record drawing for sheet 17A of 18, The Crossings Subdivision Unit II – Utility Plan & Profile has been revised in accordance with as-built information furnished by Bohannan Huston, Inc. The as-built information is the result of a field survey performed by me or under my direct supervision and is true and correct to the best of my knowledge and belief. The surveyor is not responsible for any errors or omissions in the documents. These documents are for general information only and any other application is at the sole risk of the user.

Alan R. Benham 6-15-04

Alan R. Benham, P.S.
PS No. 15700

ALAN R. BENHAM NEW MEXICO 15700 LICENSED PROFESSIONAL SURVEYOR

Record Drawing
JUNE 15, 2004
Date

Bohannan ▲ Huston
Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109
ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

SURVEY INFORMATION			BENCH MARKS	AS-BUILT INFORMATION
FIELD NOTES			ACS ALUMINUM TABLET STAMPED "BH-40"	CONTRACTOR Melendez
NO.	BY	DATE	GEOGRAPHIC POSITION (NAD 1927)	STAKED BY BHI DATE 6/04
			N.M. STATE PLANE COORD. (CENTRAL ZONE)	INSPECTOR'S FIELD VERIFICATION BY BHI DATE 6/04
			X=352,790.66 Y=1,492,346.53	FIELD VERIFICATIONS CORRECTED BY BHI DATE 6/04
			GROUND TO GRID FACTOR = 0.99967105	MICRO-FILM INFORMATION
			DELTA ALPHA = -00DEG 16 MIN 59 SEC	RECORDED BY DATE
			NGVD 1929 ELEVATION = 5305.43	NO.

ENGINEER'S SEAL: KEVIN G. PATTON NEW MEXICO 12985 REGISTERED PROFESSIONAL ENGINEER 4-8-04

NO.	DATE	REMARKS	BY
1	4/1/04	RELOCATED 10" SAS LINE; GROUT SAS LINE BETWEEN MH# 24 & 25, ADDED MH# 24A & 24B	KGP
	9/19/02	ADDED SHEET PER PROJECT REVISIONS	SAR

REVISIONS

DESIGN		
DESIGNED BY	YOP/BJS	DATE 09/2002
DRAWN BY	SAR	DATE 09/2002
CHECKED BY	BJS	DATE 09/2002

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSINGS SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
OFFSITE SAS LINE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUN - 8 2004 DESIGN REVIEW COMMITTEE	APPROVED JUN - 8 2004 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H9/J9	17A	18

P:\020040\CDP\DESIGN\020040sas-crossings.dgn

BHI JOB NO. XXXXXX XX

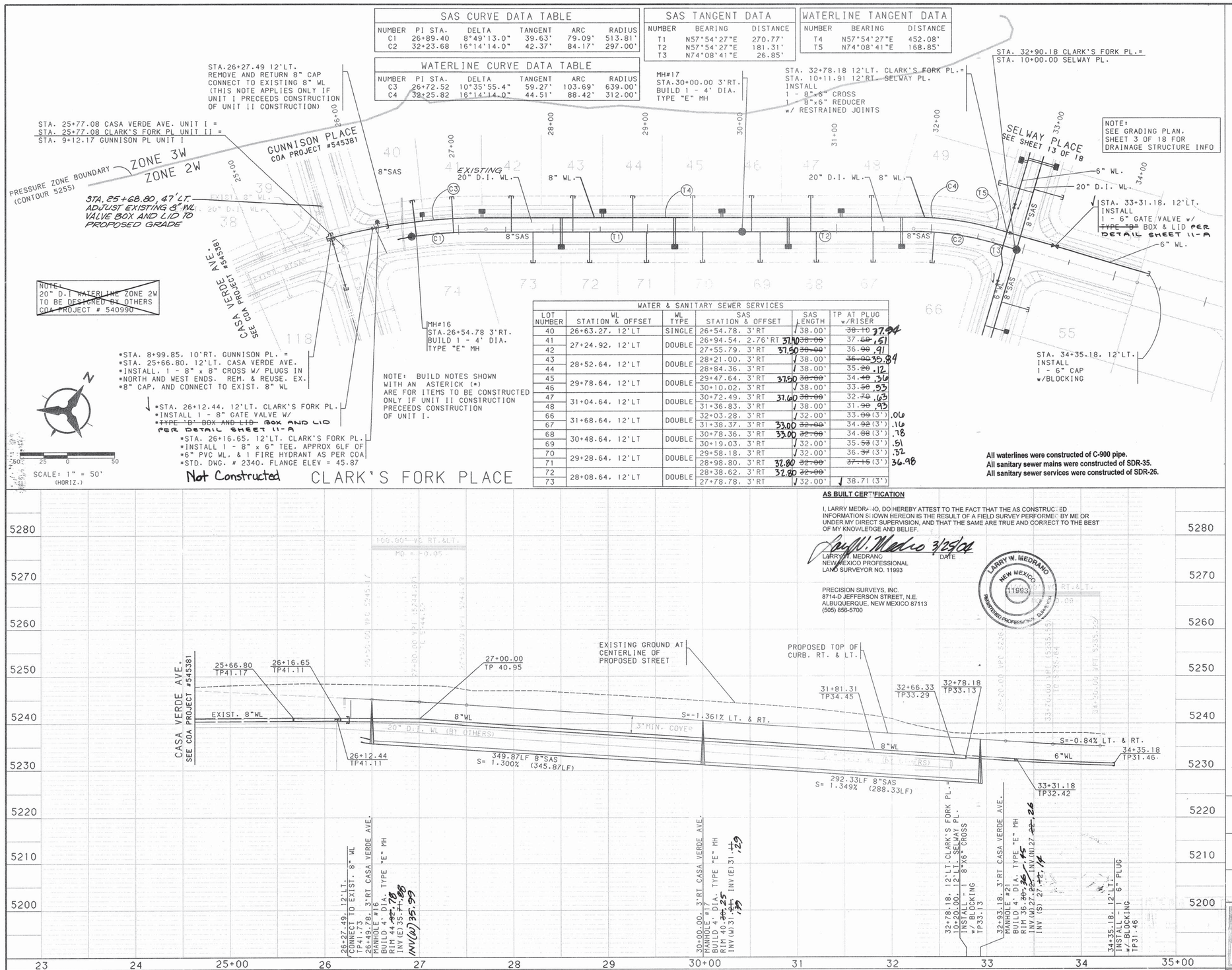
SCANNED BY MESA REPRO

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	26+89.40	8°49'13.0"	39.63'	79.09'	513.81'
C2	32+23.68	16°14'14.0"	42.37'	84.17'	297.00'

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	26+72.52	10°35'55.4"	59.27'	103.69'	639.00'
C4	32+25.82	16°14'14.0"	44.51'	88.42'	312.00'

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N57°54'27"E	270.77'
T2	N57°54'27"E	181.31'
T3	N74°08'41"E	26.85'

WATERLINE TANGENT DATA		
NUMBER	BEARING	DISTANCE
T4	N57°54'27"E	452.08'
T5	N74°08'41"E	168.85'



WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TP AT PLUG w/RISER	
40	26+63.27, 12'LT	SINGLE	26+54.78, 3'RT	✓38.00'	~~38.10~~ 37.94	
41	27+24.92, 12'LT	DOUBLE	26+94.54, 2.76'RT 37.10	~~38.00'~~	37.~~60~~ 51	
42			27+55.79, 3'RT 37.50	~~38.00'~~	36.~~00~~ .91	
43	28+52.64, 12'LT	DOUBLE	28+21.00, 3'RT	✓38.00'	~~36.00~~ 35.84	
44			28+84.36, 3'RT	✓38.00'	35.~~20~~ .12	
45	29+78.64, 12'LT	DOUBLE	29+47.64, 3'RT 37.50	~~38.00'~~	34.~~40~~ .36	
46			30+10.02, 3'RT	✓38.00'	33.~~80~~ .53	
47	31+04.64, 12'LT	DOUBLE	30+72.49, 3'RT 37.60	~~38.00'~~	32.~~70~~ .63	
48			31+36.83, 3'RT	✓38.00'	31.~~90~~ .93	
66	31+68.64, 12'LT	DOUBLE	32+03.28, 3'RT	✓32.00'	33.~~00~~(3')	.06
67			31+38.37, 3'RT 33.00	~~32.00'~~	34.~~92~~(3')	.16
68	30+48.64, 12'LT	DOUBLE	30+78.36, 3'RT 33.00	~~32.00'~~	34.~~88~~(3')	.78
69			30+19.03, 3'RT	✓32.00'	35.~~53~~(3')	.51
70	29+28.64, 12'LT	DOUBLE	29+58.18, 3'RT	✓32.00'	36.~~37~~(3')	.32
71			28+98.80, 3'RT 32.80	~~32.00'~~	~~37.15~~(3')	36.98
72	28+08.64, 12'LT	DOUBLE	28+38.62, 3'RT 32.80	~~32.00'~~		
73			27+78.78, 3'RT	✓32.00'	✓38.71(3')	

All waterlines were constructed of C-900 pipe.
All sanitary sewer mains were constructed of SDR-35.
All sanitary sewer services were constructed of SDR-26.

AS BUILT CERTIFICATION

I, LARRY MEDRANO, DO HEREBY ATTEST TO THE FACT THAT THE AS CONSTRUCTED INFORMATION SHOWN HEREON IS THE RESULT OF A FIELD SURVEY PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

LARRY W. MEDRANO 3/25/04
LARRY W. MEDRANO, NEW MEXICO PROFESSIONAL LAND SURVEYOR NO. 11993 — DATE

PRECISION SURVEYS, INC.
8714-D JEFFERSON STREET, N.E.
ALBUQUERQUE, NEW MEXICO 87113
(505) 856-5700

LARRY W. MEDRANO NEW MEXICO 11993 REGISTERED PROFESSIONAL SURVEYOR

BHI JOB NO. C95335A2440

NOTES

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2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS FROM EACH SIDE OF MJ LISTED (6")	(8")
11.25° H BEND	2'	3'
22.50° H BEND	4'	5'
45° H BEND	8'	11'
90° H BEND	20'	26'
GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:
1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE)
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANTS JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
5. ALL CAPS SHALL UTILIZE PCC BLOCKING

AS-BUILT INFORMATION
CONTRACTOR Melendez
WORK STAKED BY Precision Surveys DATE 9/04
ACCEPTANCE BY AWI DATE 9/04
FIELD VERIFICATION BY Precision DATE 3/04
DRAWINGS CORRECTED BY Precision DATE 3/04
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. DATE

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO MICHAEL M. ESTERY No. 5194 REGISTERED PROFESSIONAL ENGINEER 2/1/00 2/20/04

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY KP/BJS DATE 8/96
DRAWN BY BS DATE 8/96
CHECKED BY KP DATE 8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
CLARK'S FORK PLACE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED	APPROVED OCT - 8 2004 CITY ENGINEER	LAST DESIGN UPDATE		
APPROVED FEB 7 2000 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H-9, J-9	12	18

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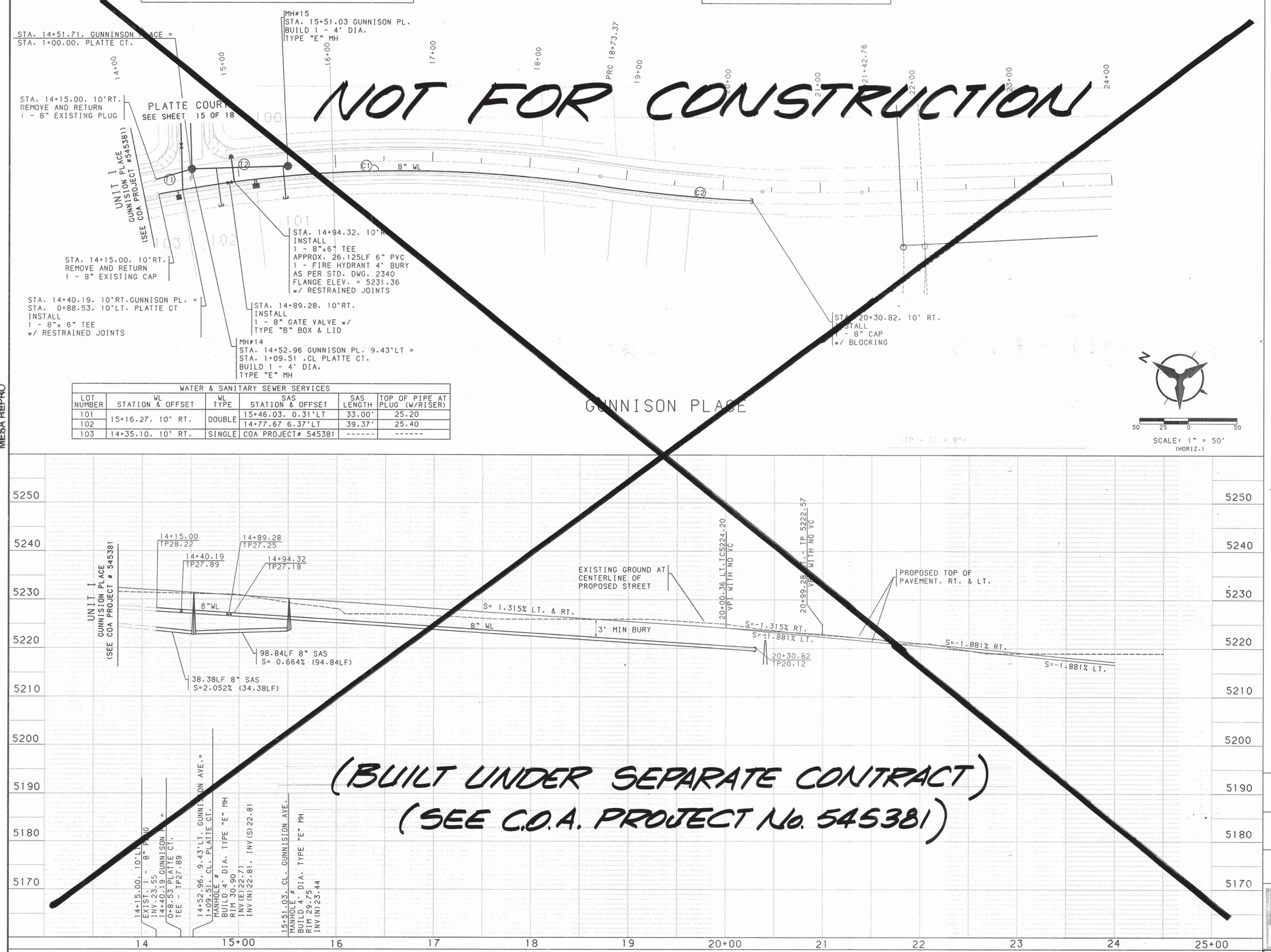
DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]CLARKS.GRF

SCANNED BY MESA REPRO

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	17+36.14	11°36'08.4"	136.14'	454.98'	1340.00'
C2	19+52.70	6°00'50.7"	79.32'	158.50'	1510.00'

SAS TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	N46°23' 55"E	38.38'
T2	N32°05' 33"E	98.84'



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
101	15+16.27, 10' RT.	DOUBLE	15+46.03, 0.31'LT	33.00'	25.20
102			14+77.67 6.37'LT	39.37'	25.40
103	14+35.10, 10' RT.	SINGLE	COA PROJECT# 545381	------	------

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 PAVING ITEMS.

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH

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.

BRUCE J. STIDHAM & ASSOCIATES, INC. NEW MEXICO 14328 REGISTERED PROFESSIONAL ENGINEER 8/2/96

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

		DATE
DESIGNED BY	KP/BJS	8/96
DRAWN BY	OR	8/96
CHECKED BY	KP	8/96

AS-BUILT INFORMATION

CONTRACTOR	DATE
CORRECTIONS STAKED BY	
ASSEPTANCE OF CORRECTIONS BY	
FIELD VERIFICATION BY	
DRAWINGS CORRECTED BY	

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 362,790.66
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GROUND TO GRID FACTOR = 0.99967105
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NGVD 1929 ELEVATION = 5305.43

FIELD NOTES

NO.	BY	DATE

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
GUNNISON PLACE FROM STA.14+00.00 TO 24+00.00

DESIGN REVIEW COMMITTEE — APPROVED — FEB 28 2006 — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H-9,J-9	16	18

BHI JOB NO. C95335A2405

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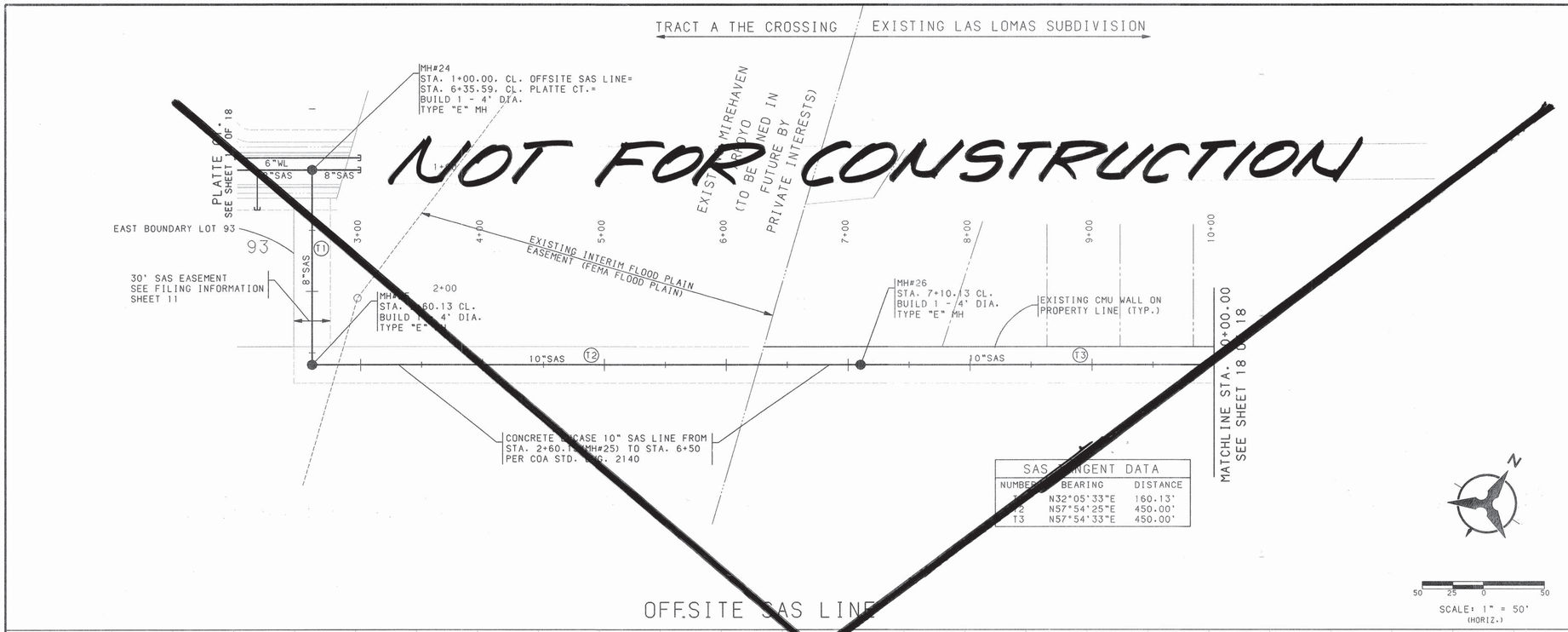
DATE: MAY,1996

SCANNED BY MESA REPRO

USERNAME: CDP4:[C95335A2405.PNP]GUNNI-II.GRF

SCANNED BY
MESA REPRO



USERNAME: CDP4:[C95335A2405.PNP]SAS-LINE1.GRF

BHI JOB NO. C95335A2440

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BRUCE J. STIDHAM
NEW MEXICO
14583
REGISTERED PROFESSIONAL ENGINEER
11/20/00

ENGINEER'S SEAL

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
WORK OBSERVED BY
ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

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SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		DATE
DESIGNED BY	KP/BJS	8/96
DRAWN BY	BS	8/96
CHECKED BY	KP	8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
OFFSITE SAS LINE

DESIGN REVIEW COMMITTEE — CITY ENGINEER APPROVAL — LAST DESIGN UPDATE

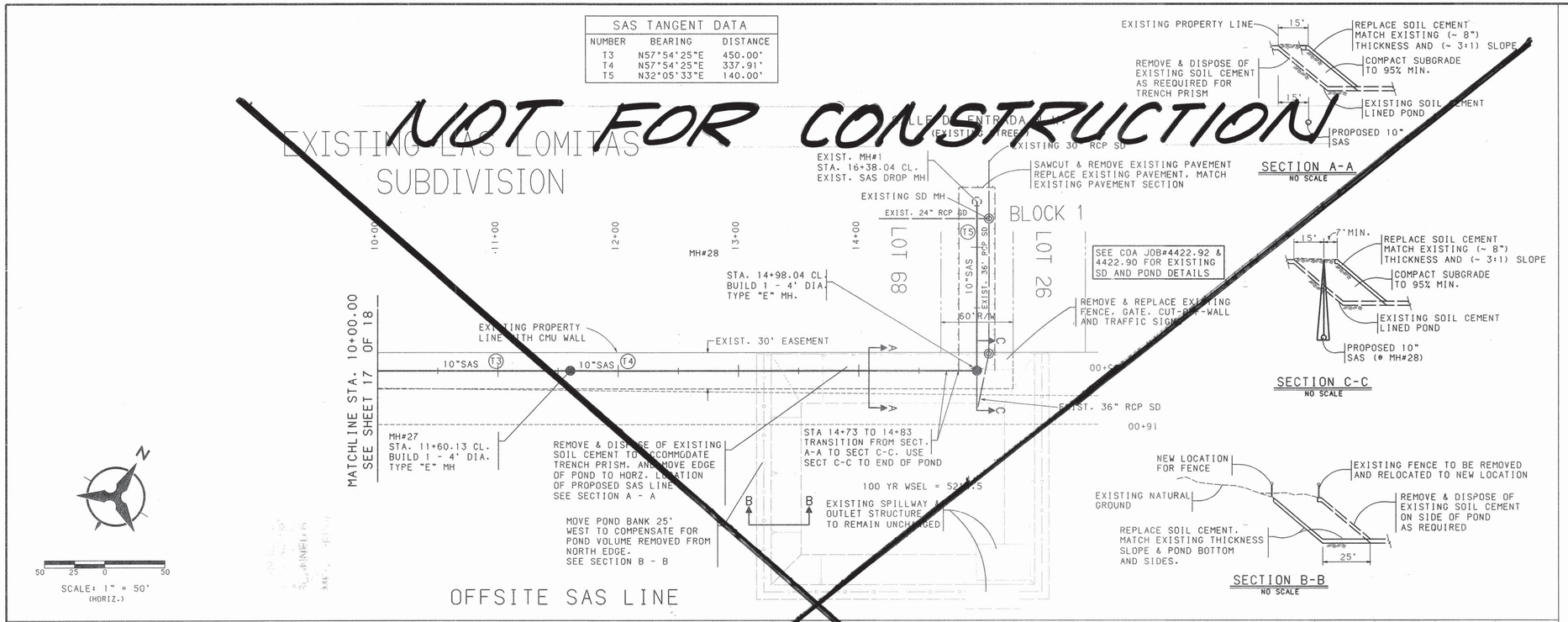
MO./DAY/YR.	MO./DAY/YR.
10-26-00	

CITY PROJECT NO. 545382 | ZONE MAP NO. H-9, J-9 | SHEET 17 OF 18

COPYRIGHT BOHANNAN-HUSTON, INC.
DATE: MAY, 1996

SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T3	N57°54'25"E	450.00'
T4	N57°54'25"E	337.91'
T5	N32°05'33"E	140.00'

NOT FOR CONSTRUCTION



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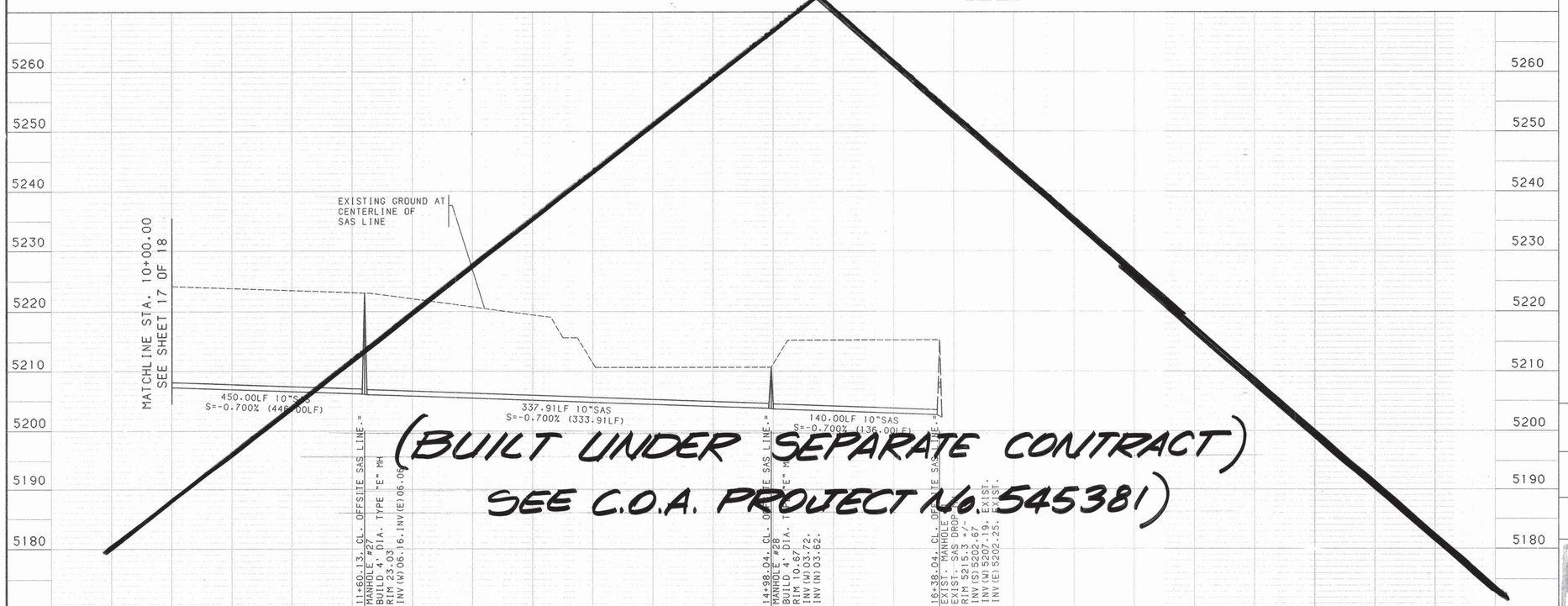

(BUILT UNDER SEPARATE CONTRACT)
SEE C.O.A. PROJECT No. 545381)

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
WORK STAKED ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53
GROUND TO GRID FACTOR = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER MICHAEL M. EMERY No. 5194
8/16/96

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER 9/20/02

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		DATE
DESIGNED BY	KP/BJS	8/96
DRAWN BY	BS	8/96
CHECKED BY	KP	8/96

BOHANNAN-HUSTON INC.
ENGINEERS • PLANNERS • PHOTOGRAMMETRISTS • SURVEYORS • LANDSCAPE ARCHITECTS
ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT II
UTILITY PLAN & PROFILE
OFFSITE SAS LINE

DESIGN REVIEW COMMITTEE — APPROVED
CITY ENGINEER APPROVAL
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

APPROVED FEB 28 2000 DESIGN REVIEW COMMITTEE

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545382	H-9.J-9	18	18

SCALE: 1" = 50' (HORIZ.) 1" = 10' (VERT.)

BHI JOB NO. C95335A2440

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DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNPJSAS-LINE2.GRF

SCANNED BY MESA REPRO