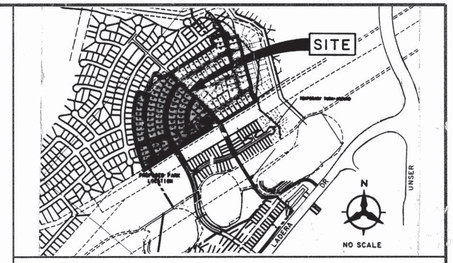
CONSTRUCTION PLANS
FOR
THE CROSSING SUBDIVISION
UNIT I
ALBUQUERQUE, NEW MEXICO



VICINITY MAP
NOT TO SCALE
H9, J9

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.

APPROVALS ~~SAS381~~	ENGINEER	DATE
DRC Chairman		10-9-02
Transportation		10/3/02
Water/Wastewater		10/3/02
Hydrology	Buddy D. Bigham	10/3/02
CIP		
Const. Mngmt.		
Const. Coord.		10-9-02
~~AMAFCA~~		

APPROVALS	ENGINEER	DATE
DRC Chairman		2/27/00
Transportation		2-15-00
Water/Wastewater		2/15/00
Hydrology		2-14-00
CIP		
Const. Mngmt.		
Const. Coord.		2/27/00
AMAFCA		2-10-00

BRUCE J. STIDWORTHY NEW MEXICO 14526 REGISTERED PROFESSIONAL ENGINEER 9/20/02

RECORD DRAWINGS

I, PATRICK J. CONLEY of the firm of SMITH ENG. CO, 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 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, ~~while~~ [redacted], 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 TIMOTHY ALDRICH (Surveyor Name) NMPS number 7719 (PS #).

Engineers Seal & Signature
PATRICK J. CONLEY NEW MEXICO 10141 REGISTERED PROFESSIONAL ENGINEER
4/22/03

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

04-08-03

Timothy Aldrich, P.S. No. 7719 — Date

STATE OF NEW MEXICO MICHAL M. EMERY 7716 REGISTERED PROFESSIONAL ENGINEER

INDEX

(NOT USED) DRB #95-537 BHI JOB NO. 95335A2405

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

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & APPROVAL

APPROVALS	ENGINEER	DATE
DRC Chairman		11-9-96
Transportation		8-15-96
Water/Wastewater		8-15-96
Hydrology		10-23-96
Parks		
Constr. Mngmt.		
AMAFCA		10/21/96

APPROVED FOR CONSTRUCTION
Roger A. Shree 11/7/02
City Engineer — Date

CITY PROJECT NO. 545381

SHEET 1 OF 18

HAB

USERNAME: CDP4:[C95335A2405.PAD]TITLE-U1.GRF

SP 00000000000000

PLAT OF
UNIT 1
THE CROSSING

ALBUQUERQUE, NEW MEXICO
MAY, 1996

SCANNED BY MESA REPRO

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: 15.74217 Acres.
4. Total Number of Lots created: 67 Lots
5. Total Mileage of full width Streets created: 0.4824 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 1, 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 67 Lots, 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

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.

E. New Mexico Utilities, Inc. for the installation, maintenance and service of underground water and sanitary sewer lines across the easement (But not parallel within)

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, Albuquerque, Bernalillo County, New Mexico, being and comprising all of Unit 1, 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 ____ and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone NAD27 Datum) and ground distances as follows:

BEGINNING at the southwest corner of said Unit 1, 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 S44°45'15"W, a distance of 754.78 feet and from said point of beginning running thence along the westerly boundary line of said Unit 1,
N17°11'16"W, a distance of 334.85 feet to a point of curvature; thence,
590.98 feet along the arc of a curve to the right having a radius of 1032.00 feet and a chord which bears N00°46'56"W, a distance of 582.94 feet to the northwest corner of said Unit 1, a point of non-tangency, thence running along the northerly boundary line of said Unit 1,
S74°22'37"E, a distance of 112.00 feet to a point of curvature (non-tangent); thence,
197.52 feet along the arc of a curve to the right having a radius of 920.00 feet and a chord which bears N21°46'25"E, a distance of 197.14 feet to a point of non-tangency; thence,
S62°04'32"E, a distance of 158.00 feet to a point of curvature (non-tangent); thence,
208.45 feet along the arc of a curve to the right having a radius of 762.00 feet and a chord which bears N35°45'41"E, a distance of 207.80 feet to the northeast corner of said Unit 1, a point of non-tangency, thence running along the easterly boundary line of said Unit 1,
S48°16'34"E, a distance of 472.65 feet to a point of curvature; thence,
347.61 feet along the arc of a curve to the right having a radius of 1350.00 feet and a chord which bears S40°53'58"E, a distance of 346.65 feet to the southeast corner of said Unit 1, thence running along the southerly boundary line of said Unit 1,
S57°54'25"W, a distance of 1079.89 feet to the point and place of beginning.

Tract contains 15.74217 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 1, 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 1 thru 39 inclusive and Lots 101 thru 128 inclusive, PLAT OF UNIT 1 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

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
NEW MEXICO UTILITIES, INC.	DATE

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

PROPERTY OWNER OF RECORD:_____

BERNAULLO 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. 95-335A1-3212

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

C:\ADCADD\CIVIL\P\S95335A1\SHEET1.DWG 5/23/1996

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	CHORD BEARING	DELTA
C1	1032.00'	590.98'	303.84'	582.94'	N00°46'56"W	32°48'39"
C2	920.00'	197.52'	99.14'	197.14'	N21°46'25"E	12°18'05"
C3	762.00'	208.45'	104.88'	207.80'	N35°45'41"E	15°40'26"
C4	1350.00'	347.61'	174.77'	346.65'	S40°53'58"E	14°45'12"
C5	359.00'	357.62'	195.23'	343.02'	S13°10'28"W	57°04'33"
C6	627.00'	704.46'	394.64'	667.98'	S11°48'55"W	64°22'26"
C7	627.00'	128.26'	64.36'	128.04'	S26°13'56"E	11°43'15"
C8	897.00'	741.09'	393.17'	720.19'	S04°15'21"W	47°20'13"
C9	897.00'	201.44'	101.13'	201.02'	S25°50'47"E	12°52'02"
C10	1327.00'	341.12'	171.50'	340.18'	N40°54'43"W	14°43'42"
C11	762.00'	23.00'	11.50'	23.00'	N42°44'00"E	01°43'42"
C12	23.00'	41.12'	26.92'	36.64'	S84°35'23"W	94°14'32"
C13	336.00'	250.89'	131.62'	245.10'	S16°04'38"W	42°46'58"
C14	25.00'	29.09'	16.44'	27.47'	S38°38'19"E	66°39'53"
C15	40.00'	165.18'		79.43'	S46°19'51"W	236°36'35"
C16	382.00'	358.94'	193.96'	345.88'	N11°33'17"E	53°50'16"
C20	549.14'	152.70'	76.85'	152.21'	N04°54'05"W	16°44'59"
C21	657.00'	84.13'	42.12'	84.07'	N28°25'27"W	07°20'11"
C22	652.00'	628.73'	341.22'	604.65'	N12°08'43"E	55°15'02"
C23	25.00'	38.42'	24.16'	34.75'	N04°15'10"W	88°02'48"
C24	874.00'	667.38'	350.91'	651.28'	S06°02'57"W	43°45'01"
C25	25.00'	39.86'	25.60'	35.77'	S81°30'25"E	91°21'42"
C26	25.00'	38.74'	24.47'	34.98'	N28°25'26"E	88°46'36"
C27	920.00'	704.72'	370.67'	687.62'	N05°58'48"E	43°53'20"
C28	25.00'	35.97'	21.90'	32.94'	N65°58'19"W	82°25'54"
C29	25.00'	38.52'	24.27'	34.82'	N28°39'58"E	88°17'32"
C30	25.00'	41.92'	27.80'	37.18'	S24°46'32"W	96°04'24"
C31	874.00'	137.58'	68.93'	137.43'	S27°46'14"E	09°01'08"
C32	40.00'	169.85'		68.10'	S89°31'57"W	243°17'29"
C33	25.00'	26.08'	14.37'	24.91'	N01°07'38"E	59°46'07"
C34	920.00'	98.19'	49.14'	98.14'	N25°41'59"W	06°06'55"
C35	25.00'	36.89'	22.73'	33.63'	N64°54'54"W	84°32'44"
C36	40.00'	65.71'	42.99'	58.57'	S75°01'54"E	94°07'22"
C37	40.00'	41.18'	22.62'	39.38'	S01°31'14"W	58°58'54"
C38	920.00'	60.40'	30.21'	60.39'	S28°52'35"E	03°45'42"
C39	920.00'	37.79'	18.90'	37.79'	S23°49'08"E	02°21'13"
C40	1032.00'	66.45'	33.23'	66.43'	N15°20'35"W	03°41'21"
C41	920.00'	39.59'	19.80'	39.59'	S14°43'54"E	02°27'53"
C42	1032.00'	65.74'	32.88'	65.73'	N11°40'25"W	03°39'00"
C43	920.00'	58.61'	29.31'	58.60'	S11°40'25"E	03°39'00"
C44	1032.00'	65.74'	32.88'	65.73'	N08°01'25"W	03°39'00"
C45	920.00'	58.61'	29.31'	58.60'	S08°01'25"E	03°39'00"
C46	1032.00'	65.74'	32.88'	65.73'	N04°22'25"W	03°39'00"
C47	920.00'	58.61'	29.31'	58.60'	S04°22'25"E	03°39'00"
C48	1032.00'	65.74'	32.88'	65.73'	N00°43'25"W	03°39'00"
C49	920.00'	58.61'	29.31'	58.60'	S00°43'25"E	03°39'00"
C50	1032.00'	65.74'	32.88'	65.73'	N02°55'35"E	03°39'00"
C51	920.00'	58.61'	29.31'	58.60'	S02°55'35"W	03°39'00"
C52	1032.00'	65.74'	32.88'	65.73'	N06°34'35"E	03°39'00"
C53	920.00'	58.61'	29.31'	58.60'	S06°34'35"W	03°39'00"
C54	1032.00'	65.74'	32.88'	65.73'	N10°13'35"E	03°39'00"
C55	920.00'	58.61'	29.31'	58.60'	S10°13'35"W	03°39'00"
C56	1032.00'	64.33'	32.17'	64.32'	N13°50'14"E	03°34'17"
C57	920.00'	57.35'	28.68'	57.34'	S13°50'14"W	03°34'17"
C58	762.00'	59.75'	29.89'	59.74'	S25°40'41"W	04°29'34"
C59	874.00'	68.53'	34.28'	68.52'	N25°40'41"E	04°29'34"
C60	762.00'	59.84'	29.93'	59.82'	S21°10'55"W	04°29'57"
C61	874.00'	68.63'	34.33'	68.62'	N21°10'55"E	04°29'57"
C62	762.00'	59.84'	29.93'	59.82'	S16°40'58"W	04°29'57"
C63	874.00'	68.63'	34.33'	68.62'	N16°40'58"E	04°29'57"
C64	762.00'	59.84'	29.93'	59.82'	S12°11'00"W	04°29'57"
C65	874.00'	68.63'	34.33'	68.62'	N12°11'00"E	04°29'57"
C66	762.00'	59.84'	29.93'	59.82'	S07°41'03"W	04°29'57"
C67	874.00'	68.63'	34.33'	68.62'	N07°41'03"E	04°29'57"
C68	762.00'	59.84'	29.93'	59.82'	S03°11'05"W	04°29'57"
C69	874.00'	68.63'	34.33'	68.62'	N03°11'05"E	04°29'57"
C70	762.00'	59.84'	29.93'	59.82'	S01°18'52"E	04°29'57"
C71	874.00'	68.63'	34.33'	68.62'	N01°18'52"W	04°29'57"
C72	762.00'	59.84'	29.93'	59.82'	S05°48'49"E	04°29'57"
C73	874.00'	68.63'	34.33'	68.62'	N05°48'50"W	04°29'57"
C74	762.00'	59.84'	29.93'	59.82'	S10°18'47"E	04°29'57"
C75	874.00'	68.63'	34.33'	68.62'	N10°18'47"W	04°29'57"
C76	762.00'	66.34'	33.19'	66.31'	S15°53'24"E	04°59'16"
C77	874.00'	49.78'	24.90'	49.77'	N14°11'40"W	03°15'48"
C78	874.00'	52.56'	26.29'	52.55'	N24°59'02"W	03°26'44"
C79	874.00'	67.08'	33.55'	67.06'	N28°54'19"W	04°23'50"
C80	40.00'	62.96'	40.13'	56.66'	N12°48'49"E	90°11'13"
C81	874.00'	17.94'	8.97'	17.94'	N31°41'31"W	01°10'34"
C82	657.00'	27.57'	13.78'	27.56'	S30°53'28"E	02°24'14"
C83	657.00'	56.56'	28.30'	56.54'	S27°13'20"E	04°55'57"
C84	652.00'	45.00'	22.51'	44.99'	S31°30'10"E	03°57'17"
C85	762.00'	60.13'	40.10'	60.09'	N14°32'17"W	04°51'31"
C86	762.00'	70.44'	35.25'	70.42'	N08°52'37"W	05°17'48"
C87	652.00'	60.27'	30.16'	60.25'	S08°52'37"E	05°17'48"
C88	762.00'	70.44'	35.25'	70.42'	N03°34'50"W	05°17'48"
C89	652.00'	60.27'	30.16'	60.25'	S03°34'50"E	05°17'48"
C90	762.00'	70.44'	35.25'	70.42'	N01°42'59"E	05°17'48"
C91	652.00'	60.27'	30.16'	60.25'	S01°42'59"W	05°17'48"
C92	762.00'	70.44'	35.25'	70.42'	N07°00'46"E	05°17'48"
C93	652.00'	60.27'	30.16'	60.25'	S07°00'46"W	05°17'48"
C94	762.00'	70.44'	35.25'	70.42'	N12°18'34"E	05°17'48"
C95	652.00'	60.27'	30.16'	60.25'	S12°18'34"W	05°17'48"
C96	762.00'	70.44'	35.25'	70.42'	N17°36'22"E	05°17'48"
C97	652.00'	60.27'	30.16'	60.25'	S17°36'22"W	05°17'48"
C98	762.00'	70.44'	35.25'	70.42'	N22°54'10"E	05°17'48"
C99	652.00'	60.27'	30.16'	60.25'	S22°54'10"W	05°17'48"
C100	762.00'	70.44'	35.25'	70.42'	N28°11'58"E	05°17'48"
C101	652.00'	60.27'	30.16'	60.25'	S28°11'58"W	05°17'48"
C102	762.00'	70.44'	35.25'	70.42'	N33°29'46"E	05°17'48"
C103	652.00'	60.27'	30.16'	60.25'	S33°29'46"W	05°17'48"
C104	762.00'	76.13'	38.10'	76.10'	N39°00'23"E	05°43'27"
C105	652.00'	41.26'	20.64'	41.26'	S37°57'27"W	03°37'34"
C106	1215.00'	69.61'	34.82'	69.60'	N35°19'23"W	03°16'58"
C107	1327.00'	79.13'	39.58'	79.12'	N35°15'22"W	03°25'09"
C108	1215.00'	69.49'	34.75'	69.48'	N38°36'11"W	03°16'37"
C109	1327.00'	75.90'	37.96'	75.89'	S38°36'11"E	03°16'37"
C110	1215.00'	69.49'	34.75'	69.48'	N41°52'48"W	03°16'37"
C111	1327.00'	75.90'	37.96'	75.88'	S41°52'48"E	03°16'37"
C112	1215.00'	69.49'	34.75'	69.48'	N45°09'24"W	03°16'37"
C113	1327.00'	75.89'	37.96'	75.88'	S45°09'24"E	03°16'37"
C114	1215.00'	59.81'	29.91'	59.80'	N48°12'09"W	02°49'14"
C115	336.00'	87.54'	44.02'	87.30'	N30°00'16"E	14°55'42"
C116	1327.00'	34.30'	17.15'	34.30'	S47°32'08"E	01°28'51"
C117	40.00'	7.47'	3.74'	7.46'	N66°37'33"W	10°41'44"
C118	336.00'	163.35'	83.32'	161.74'	N08°36'47"E	27°51'16"
C119	1215.00'	129.30'	64.71'	129.24'	S46°34'01"E	06°05'50"
C120	40.00'	31.29'	16.49'	30.50'	N38°52'13"W	44°49'00"
C121	1215.00'	138.98'	69.57'	138.90'	S40°14'29"E	06°33'14"
C122	40.00'	31.90'	16.85'	31.06'	N06°22'59"E	45°41'23"
C123	40.00'	32.17'	17.01'	31.31'	N52°15'58"E	46°04'34"
C124	415.00'	84.60'	42.45'	84.45'	N26°09'09"W	11°40'49"
C125	40.00'	36.95'	19.91'	35.65'	S78°14'02"E	52°55'26"
C126	415.00'	65.78'	32.96'	65.71'	N15°52'18"W	09°04'52"
C127	492.00'	7.70'	3.85'	7.70'	N10°53'00"W	00°53'46"
C128	382.00'	32.86'	16.44'	32.85'	S12°53'58"E	04°55'45"
C129	40.00'	25.42'	13.15'	24.99'	S33°34'05"E	36°24'08"
C130	492.00'	73.50'	36.82'	73.43'	N06°09'19"W	08°33'34"
C131	382.00'	57.07'	28.59'	57.01'	S06°09'19"E	08°33'34"
C132	492.00'	73.50'	36.82'	73.43'	N02°24'16"E	08°33'34"
C133	382.00'	57.07'	28.59'	57.01'	S02°24'16"W	08°33'34"
C134	492.00'	73.50'	36.82'	73.43'	N10°57'51"E	08°33'34"
C135	382.00'	57.07'	28.59'	57.01'	S10°57'50"W	08°33'34"
C136	492.00'	73.50'	36.82'	73.43'	N19°31'25"E	08°33'34"
C137	382.00'	57.07'	28.59'	57.01'	S19°31'25"W	08°33'34"
C138	492.00'	73.50'	36.82'	73.43'	N28°04'59"E	08°33'34"
C139	382.00'	57.07'	28.59'	57.01'	S28°04'59"W	08°33'34"
C140	492.00'	82.31'	41.25'	82.21'	N37°09'19"E	09°35'06"
C141	382.00'	40.74'	20.39'	40.72'	S35°25'06"W	06°06'38"
C142	602.00'	53.15'	26.59'	53.13'	N36°54'09"E	05°03'31"
C143	492.00'	65.04'	32.57'	65.00'	S38°09'38"W	07°34'29"
C144	602.00'	75.91'	38.01'	75.86'	N37°45'39"E	07°13'30"
C145	492.00'	62.04'	31.06'	62.00'	S30°45'39"W	07°13'30"
C146	602.00'	75.91'	38.01'	75.86'	N23°32'09"E	07°13'30"
C147	492.00'	62.04'	31.06'	62.00'	S23°32'09"W	07°13'30"
C148	602.00'	75.91'	38.01'	75.86'	N16°18'39"E	07°13'30"
C149	492.00'	62.04'	31.06'	62.00'	S16°18'39"W	07°13'30"
C150	602.00'	75.91'	38.01'	75.86'	N09°05'09"E	07°13'30"
C151	492.00'	62.04'	31.06'	62.00'	S09°05'09"W	07°13'30"
C152	602.00'	75.91'	38.01'	75.86'	N01°51'39"E	07°13'30"
C153	492.00'	62.04'	31.06'	62.00'	S01°51'39"W	07°13'30"
C154	602.00'	75.91'	38.01'	75.86'	N05°21'51"W	07°13'30"
C155	492.00'	62.04'	31.06'	62.00'	S05°21'51"E	07°13'30"
C156	602.00'	75.91'	38.01'	75.86'	N12°53'21"W	07°13'30"
C157	492.00'	20.22'	10.11'	20.22'	S10°09'14"E	02°21'16"
C158	415.00'	41.82'	20.93'	41.80'	S14°13'04"E	05°46'23"
C159	549.14'	75.82'	37.97'	75.76'	N21°17'50"W	07°54'41"
C160	415.00'	61.93'	31.02'	61.87'	S21°22'46"E	08°33'02"
C161	549.14'	76.88'	38.50'	76.82'	N29°15'29"W	08°01'17"
C162	415.00'	46.63'	23.34'	46.60'	S28°52'25"E	06°26'16"
C163	920.00'	28.55'	14.28'	28.55'	N28°48'48"E	01°46'41"
C164	25.00'	17.91'	9.36'	17.53'	N09°10'32"E	41°03'12"
C165	40.00'	184.84'		59.09'	S58°18'13"E	264°49'39"
C166	25.00'	19.14'	10.06'	18.67'	S51°28'53"W	43°51'30"
C167	874.00'	24.83'	12.42'	24.83'	S28°44'18"W	01°37'40"

TANGENT DATA

TANGENT	BEARING	DISTANCE
T2	S41°43'26"W	25.00'
T3	N74°38'09"E	17.00'
T4	S32°03'18"E	58.14'
T5	S57°43'12"W	17.00'
T6	S57°54'25"W	23.01'
T7	N48°18'34"W	21.21'
T8	S32°05'35"E	15.15'
T9	N17°11'16"W	4.83'

LOT ACREAGES

LOT	ACRES	LOT	ACRES	LOT	ACRES
1	0.2145 AC.	31	0.1650 AC.	122	0.1742 AC.
2	0.1641 AC.	32	0.1650 AC.	123	0.1742 AC.
3	0.1726 AC.	33	0.1650 AC.	124	0.1742 AC.
4	0.1669 AC.	34	0.1650 AC.	125	0.1743 AC.
5	0.1710 AC.	35	0.1650 AC.	126	0.1741 AC.
6	0.1599 AC.	36	0.1650 AC.	127	0.1726 AC.
7	0.1599 AC.	37	0.1650 AC.	128	0.1820 AC.
8	0.1599 AC.	38	0.1650 AC.		
9	0.1599 AC.	39	0.1758 AC.		
10	0.1599 AC.	101	0.1912 AC.		
11	0.1599 AC.	102	0.1869 AC.		
12	0.1599 AC.	103	0.1869 AC.		
13	0.1564 AC.	104	0.1869 AC.		
14	0.1649 AC.	105	0.1867 AC.		
15	0.1652 AC.	106	0.2804 AC.		
16	0.1652 AC.	107	0.2534 AC.		
17	0.1652 AC.	108	0.3551 AC.		
18	0.1652 AC.	109	0.2782 AC.		
19	0.1652 AC.	110	0.3533 AC.		
20	0.1652 AC.	111	0.1657 AC.		
21	0.1652 AC.	112	0.1649 AC.		
22	0.1652 AC.	113	0.1649 AC.		
23	0.1790 AC.	114	0.1649 AC.		
24	0.1735 AC.	115	0.1649 AC.		
25	0.1559 AC.	116	0.1649 AC.		
26	0.2002 AC.	117	0.1823 AC.		
27	0.2155 AC.	118	0.1788 AC.		
28	0.2288 AC.	119	0.1742 AC.		
29	0.1857 AC.	120	0.1742 AC.		
30	0.1650 AC.	121	0.1742 AC.		

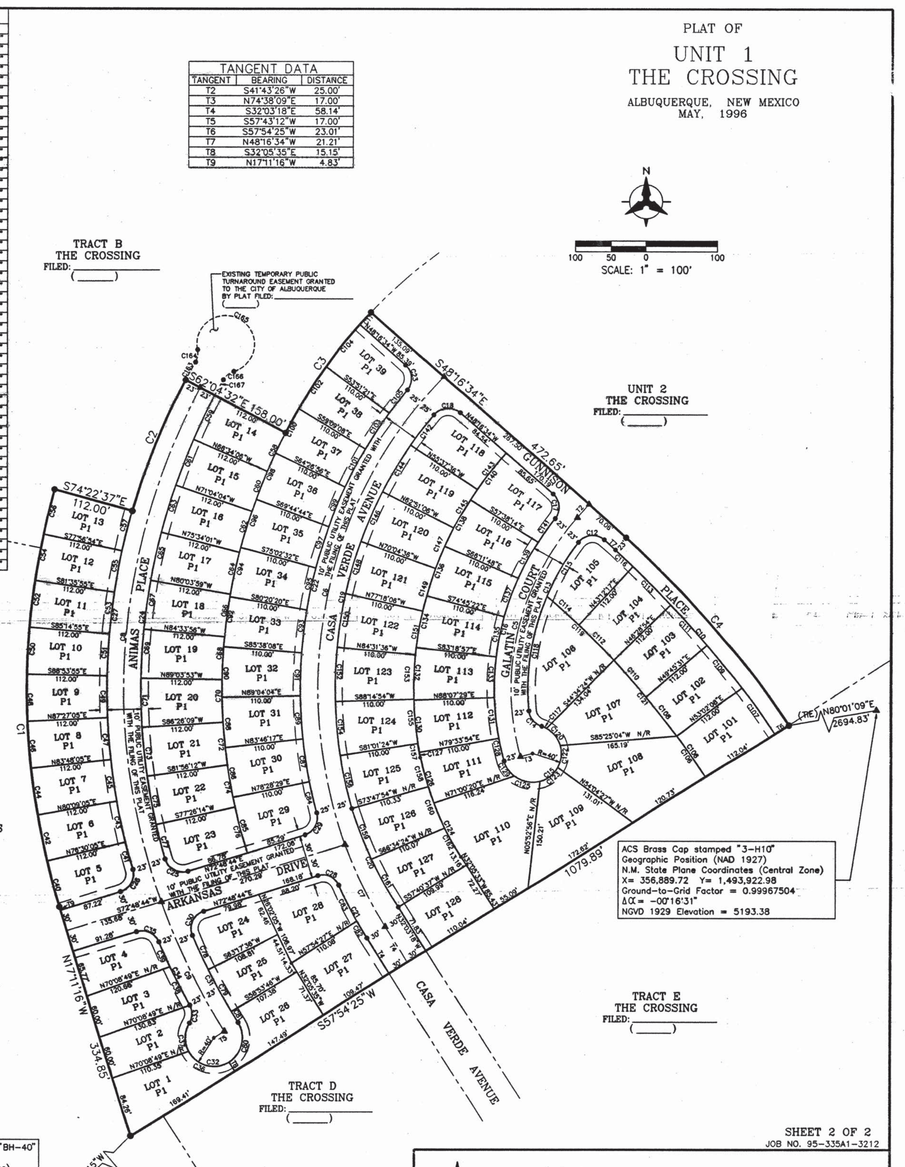
LEGEND

- SUBDIVISION BOUNDARY LINE
- NEW LOT LINE
- ADJOINING PROPERTY LINE
- MONUMENT TIE LINE
- EXISTING EASEMENT LINE
- NEW EASEMENT LINE
- ▲ CENTERLINE MONUMENT TO BE INSTALLED
- ▲ CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
- ● SET 5/8"CAPPED REBAR STAMPED "WEAVER LS 6544"

Bohannan & Huston Brass Cap stamped "BH-40"
Geographic Position (NAD 1927)
N.M. State Plane Coordinates (Central Zone)
X= 352,790.66 Y= 1,492,346.53
Ground-to-Grid Factor = 0.99967105
ΔΣα = -00°16'59"
NGVD 1929 Elevation = 5305.43

PLAT OF
UNIT 1
THE CROSSING

ALBUQUERQUE, NEW MEXICO
MAY, 1996



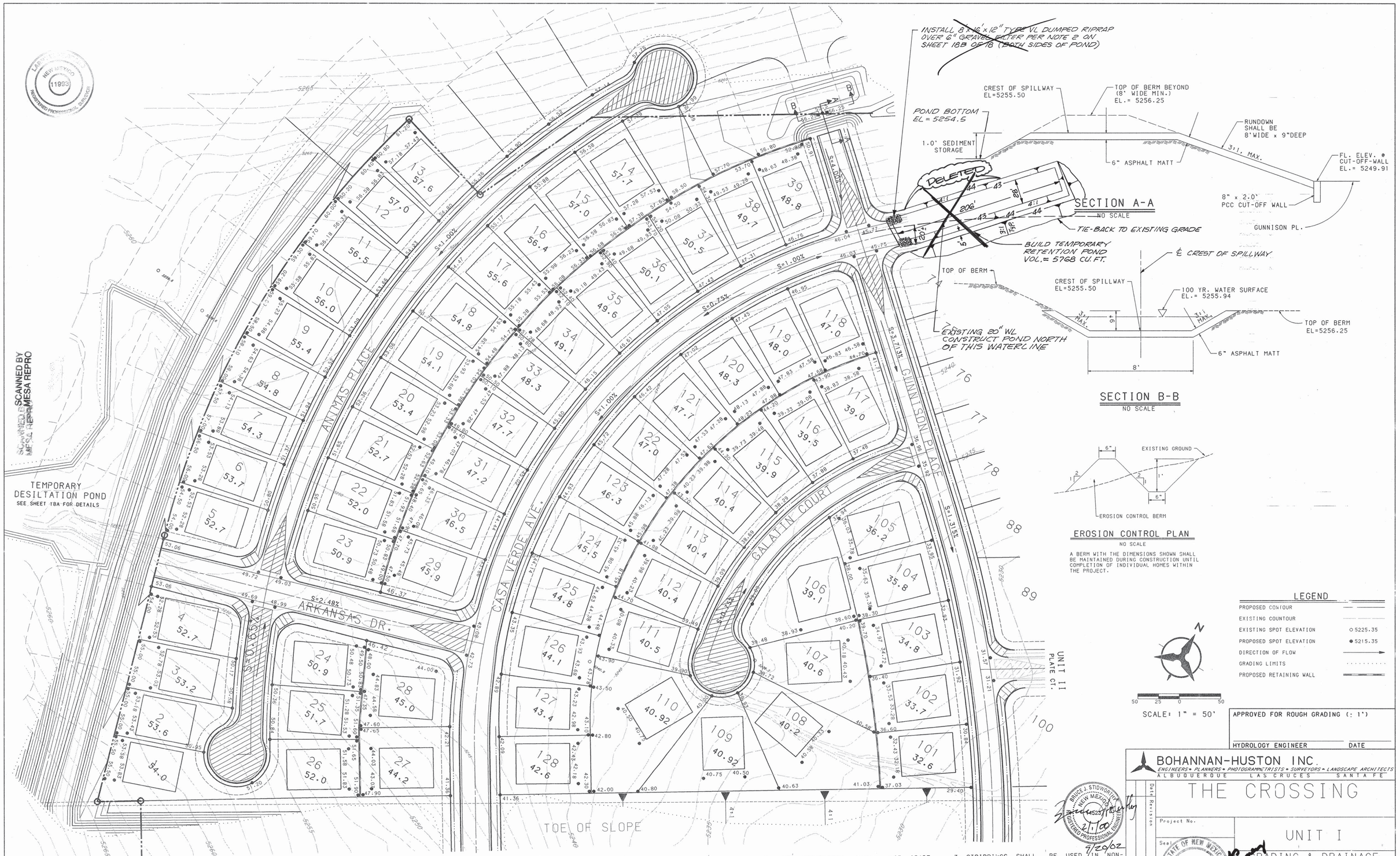
SHEET 2 OF 2
JOB NO. 95-335A1-3212

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

C:\ADCADD\CIVIL\P\S95335A1\SHEET2.DWG 5/23/1996

CPN 545381

SHEET 2 OF 16

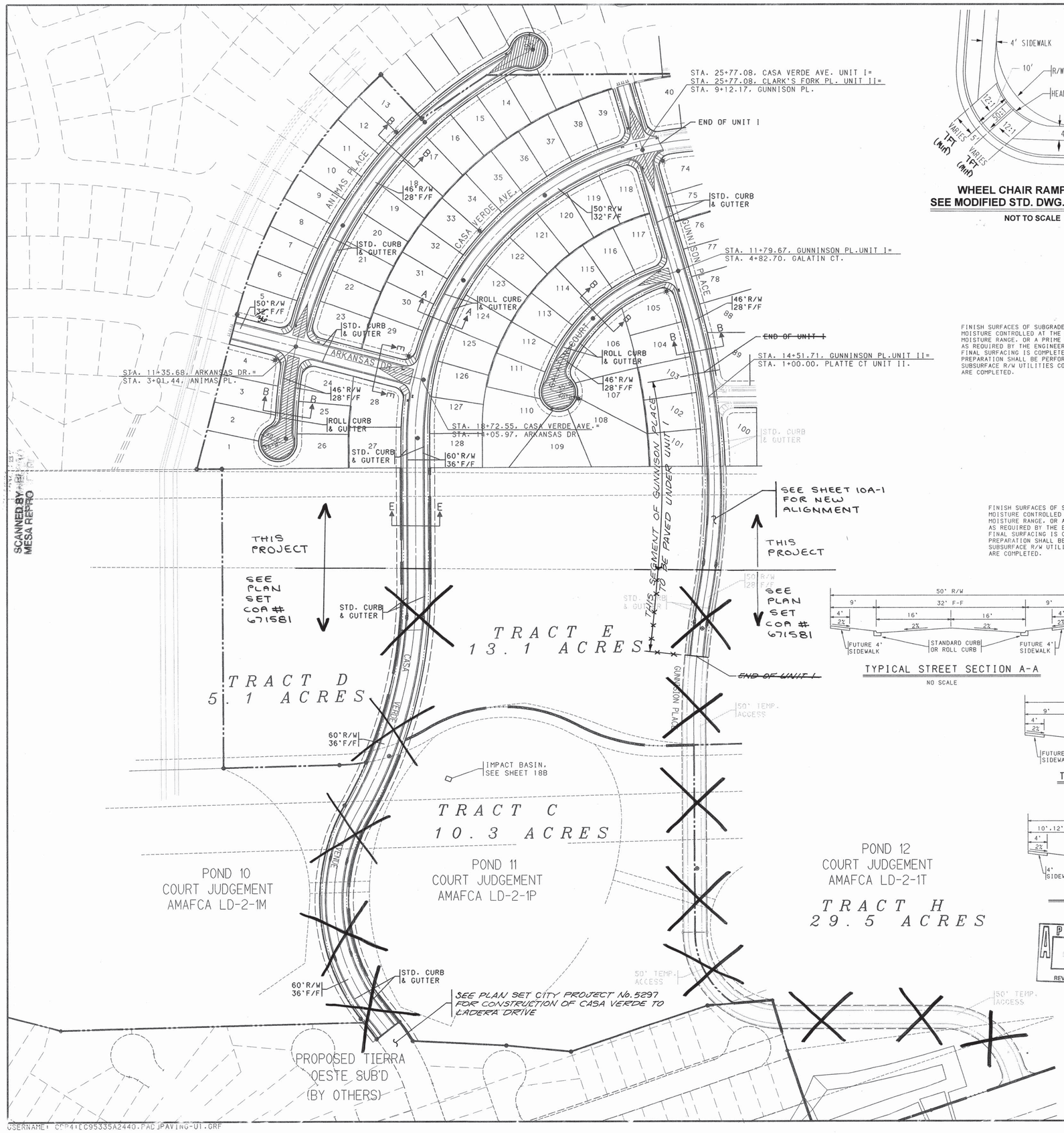


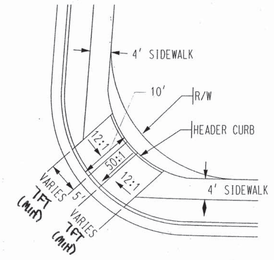
GENERAL NOTES:

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 SPECIFICATION AS NOTED IN THE SOILS REPORT PREPARED BY VINYARD AND ASSOCIATES DATED APRIL 19, 1996. (COPY AVAILABLE FORM 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 APROVALS INCLUDING EPA STORM WATER 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 THIS SHEET AND WETTING THE SOIL TO KEEP KEEP IT FROM BLOWING.
5. THE CONTRACTOR SHALL NOT GRADE OR DISTURB GROUND BEYOUND 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 AREAS (NOT TO BE PAVED) OUTSIDE OF THE BOUNDARY OF UNIT I SHALL BE RESEEDED PER COA. STD. SPECS SECT 1012

BHI JOB NO. C5335A2405

USERNAME: [C95335A2405.GRADE]
FILENAME: UNI1-1.GRF

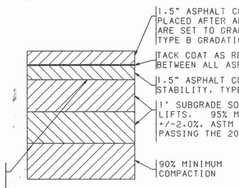




WHEEL CHAIR RAMP DETAIL
SEE MODIFIED STD. DWG. 2441 CASE II

NOT TO SCALE

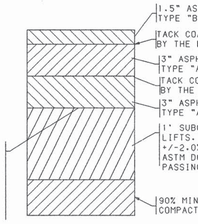
NOTE:
AFTER ROUGH GRADING AND PRIOR TO CONSTRUCTION OF ANY PORTION OF THE PAVEMENT SECTION R - VALUE TESTS SHALL BE PERFORMED AS REQUIRED IN THE DPM VOL.II SECTION 23H. IF ANY R - VALUE IS FOUND TO BE LESS THAN 50. THE ENGINEER SHALL BE NOTIFIED IMMEDIATLY, FOR PAVEMENT REDESIGN OR BY CONSULTANT.



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)



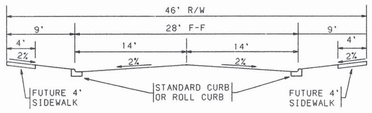
FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE. OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/ FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

PROPOSED HEAVY PAVEMENT SECTION

NO SCALE
THIS PAVEMENT SECTION SHALL BE USED FOR ALL OF CASA VERDE AVE.. ALL OF ARKANSAS DRIVE AND THE PORTION OF GUNNISON PLACE NORTH OF CASA VERDE AVENUE

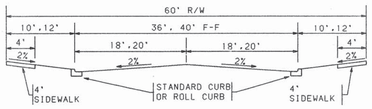
TYPICAL STREET SECTION A-A

NO SCALE



TYPICAL STREET SECTION B-B

NO SCALE



STREET SECTION E-E

NO 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 — SD
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN LINE — SD
- EXISTING STORM DRAIN MANHOLE
- EXISTING STORM DRAIN INLET
- CROWN FLATTENING
- PROPOSED STREET LIGHT

APPROVED OCT - 9 2002 DESIGN REVIEW COMMITTEE

APPROVED FEB 21 2002 DESIGN REVIEW COMMITTEE

SCALE: 1" = 100'

NO.	DATE	REMARKS	BY
	8/26/02	Newties Per COA 671581	SAR

REVISIONS

	BY	DATE
DESIGNED BY	KP/BJS	8/96
DRAWN BY	BS/OR	8/96
CHECKED BY	KP	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 I
OVERALL PAVING

APPROVED — DEVELOPMENT ENGINEERING

APPROVED NOV - 8 2002 CITY ENGINEER

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9.J-9	4	18

BHI JOB NO. 95335A2440

COPYRIGHT BOHANNAN-HUSTON, INC.
DATE: MAY 1996

USERNAME: CCP4:EC95335A2440.PAC JPAVING-U1.GRF

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
STAKED BY ALS
INSPECTOR'S ACCEPTANCE BY SEC DATE 3-03
FIELD VERIFICATION BY CGA DATE "
DRAWINGS CORRECTED BY ALS DATE "

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

City Inspector H. Blac

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

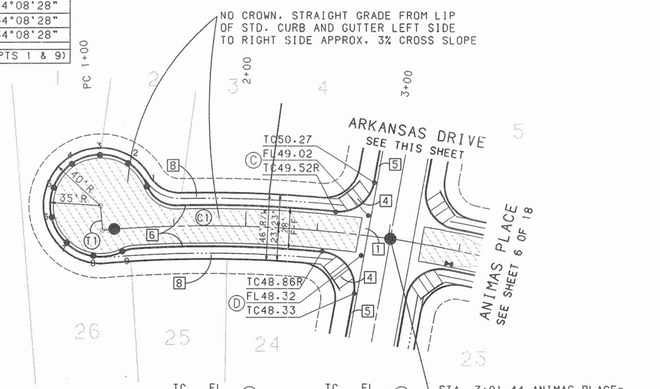
ENGINEER'S SEAL
BRUCE J. STIDWORTHY NEW MEXICO 14827 REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO MICHAEL M. EMERY NO. 9138 REGISTERED PROFESSIONAL ENGINEER
2/1/00
9/20/02
8/26/02

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	50.78R	1+32.31, 28.31'LT.	34°08'28"
2	51.28R	1+20.55, 44.80'LT.	34°08'28"
3	51.58R	1+02.26, 51.92'LT.	34°08'28"
4	51.60R	0+83.27, 47.41'LT.	34°08'28"
5	51.32R	0+69.55, 32.68'LT.	34°08'28"
6	50.84R	0+65.85, 12.48'LT.	34°08'28"
7	50.31R	0+74.07, 6.34'RT.	34°08'28"
8	49.92R	0+91.84, 17.04'RT.	34°08'28"
9	49.80R	1+12.72, 15.60'RT.	34°08'28"
R=35.00', L=166.84' (BETWEEN PTS 1 & 9)			

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	2+01.15	12° 52' 02.0"	101.15'	201.44'	897.00'

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	S57° 43' 12.3"W	17.00'

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	N72° 48' 44.3"E	270.29'
T2	N72° 48' 44.3"E	135.68'



	TC	FL
1	50.17	49.50
2	49.41	49.39
3	49.62R	49.29

D= 85° 13' 49.9"
L= 37.19'
R= 25.00'
WR=

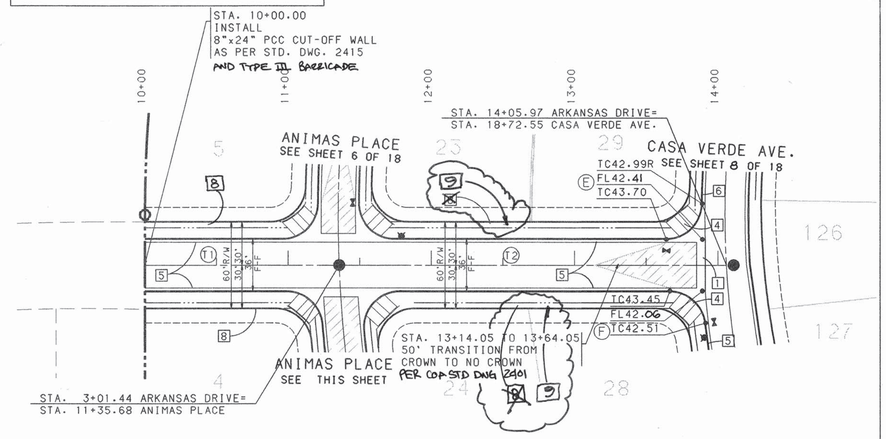
	TC	FL
1	48.64R	48.31
2	48.11	48.09
3	48.55	47.88

D= 95° 12' 15.1"
L= 41.54'
R= 25.00'
WR=159.69'

NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WHEEL CHAIR RAMPS C & D AS PER STD DWG. 2418
ARKANSAS = STD. CURB
ANIMAS PLACE = ROLL CURB

SCALE: 1" = 50' (HORIZ.)

ANIMAS PLACE



NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WHEEL CHAIR RAMP E AS PER STD DWG. 2418
ARKANSAS = STD. CURB
CASA VERDE AVE (NORTH OF ARKANSAS) = ROLL CURB
CASA VERDE AVE (SOUTH OF ARKANSAS) = STD. CURB

	TC	FL
1	43.08R	42.75
2	42.86	42.84
3	43.60	42.94

D= 89° 17' 55.8"
L= 38.96'
R= 25.00'
WR= 38.52'

	TC	FL
1	42.21	42.55
2	42.33	42.31
3	42.74	42.08

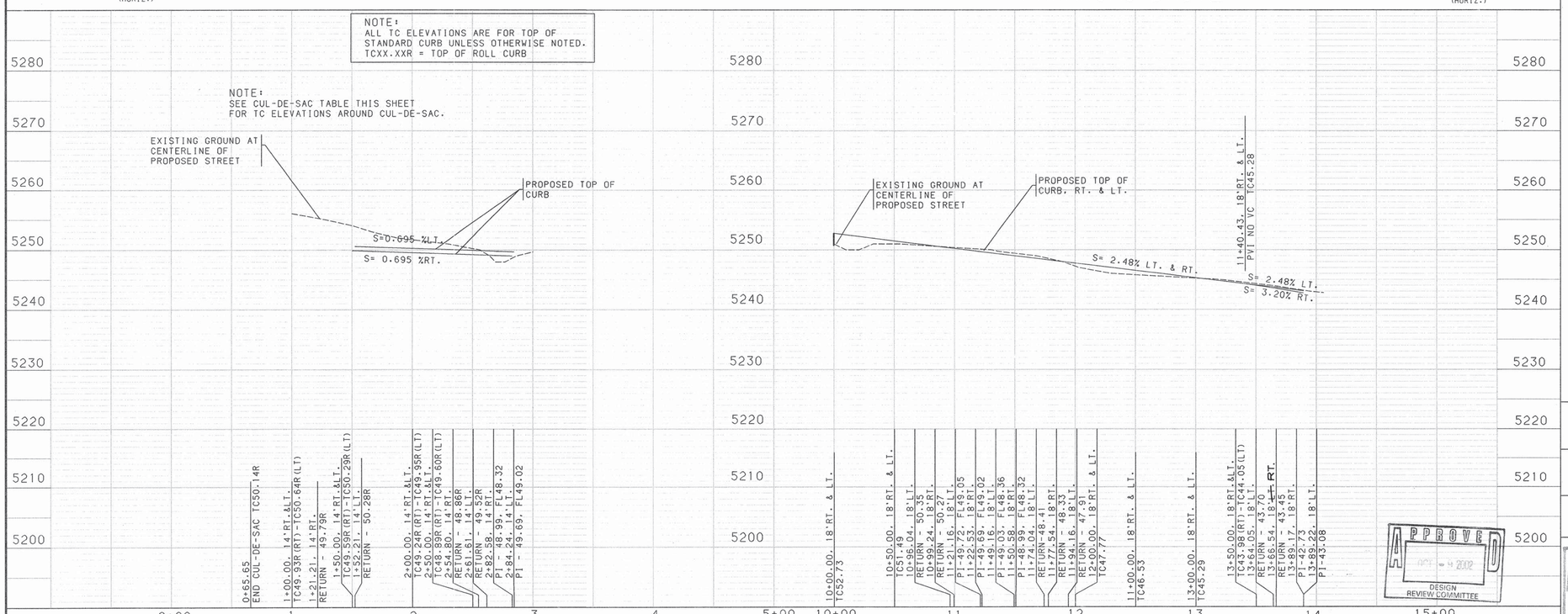
D= 83° 19' 46.6"
L= 36.36'
R= 25.00'
WR= 67.23'

SCALE: 1" = 50' (HORIZ.)

ARKANSAS DRIVE

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

NOTE:
SEE CUL-DE-SAC TABLE THIS SHEET FOR TC ELEVATIONS AROUND CUL-DE-SAC.



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

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 J. STOHORT NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER

KEYED GENERAL NOTES

1. INSTALL CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420 (GPT HIPE)
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 SUNDANCE DATE
STAKED BY ALS
INSPECTOR ESK DATE 8/03
ACCEPTANCE BY DATE
FIELD VERIFICATION BY COA DATE
DRAWINGS CORRECTED BY ALS 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.

City Inspector H Blair

SEAL SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO NATHAN A. ELDER No. 5154 REGISTERED PROFESSIONAL ENGINEER
8/6/96

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

		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 I
PAVING PLAN & PROFILE
ANIMAS PLACE/ARKANSAS DRIVE

DESIGN REVIEW COMMITTEE — APPROVED
CITY ENGINEER — APPROVED NOV - 8 2002
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.
DESIGN REVIEW COMMITTEE — APPROVED FEB 7 2003

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	5	18

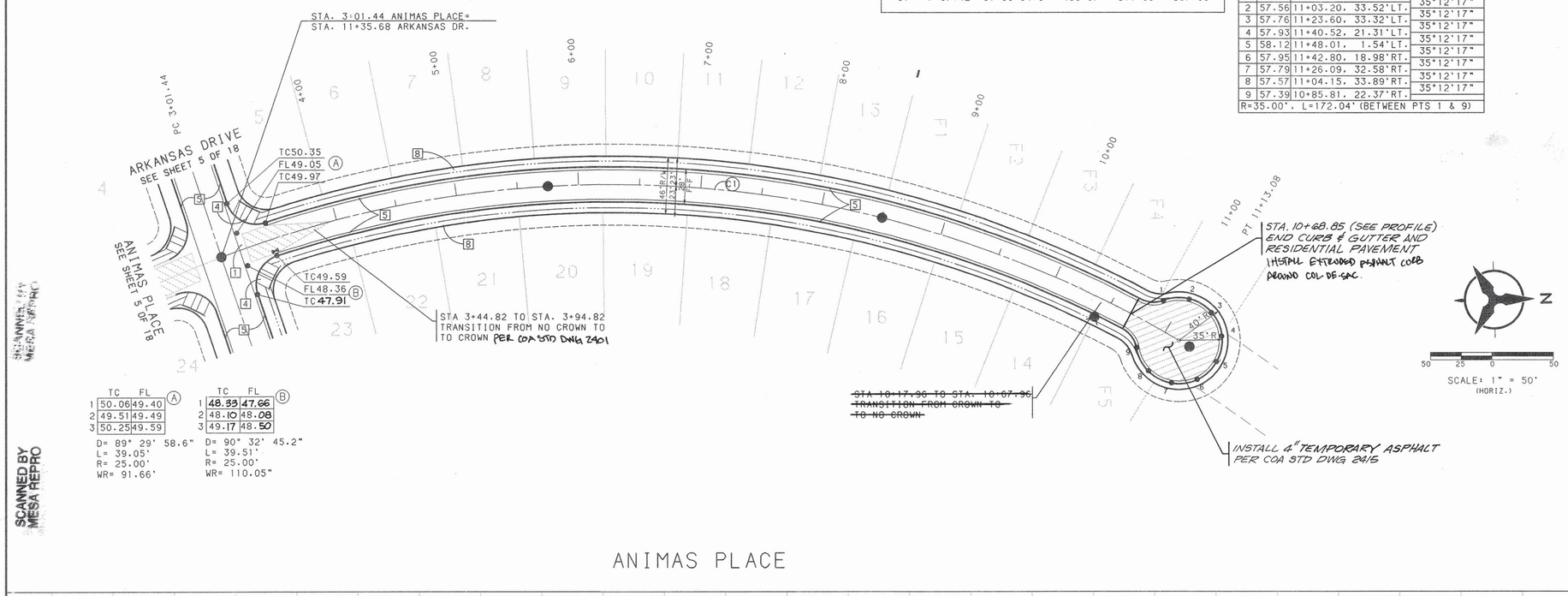
BHI JOB NO. C95335A2405

HAB

USERNAME: CDP4:[C95335A2405.PNP]ANIMAS-ARK.GRF

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	7+37.42	51°50'34.3"	435.97'	811.63'	897.00'

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	57.39	10+86.06, 21.85'LT.	35°12'17"
2	57.56	11+03.20, 33.52'LT.	35°12'17"
3	57.76	11+23.60, 33.32'LT.	35°12'17"
4	57.93	11+40.52, 21.31'LT.	35°12'17"
5	58.12	11+48.01, 1.54'LT.	35°12'17"
6	57.95	11+42.80, 18.98'RT.	35°12'17"
7	57.79	11+26.09, 32.58'RT.	35°12'17"
8	57.57	11+04.15, 33.89'RT.	35°12'17"
9	57.39	10+85.81, 22.37'RT.	35°12'17"
R=35.00', L=172.04'(BETWEEN PTS 1 & 9)			



	TC	FL	(A)
1	50.06	49.40	
2	49.51	49.49	
3	50.25	49.59	

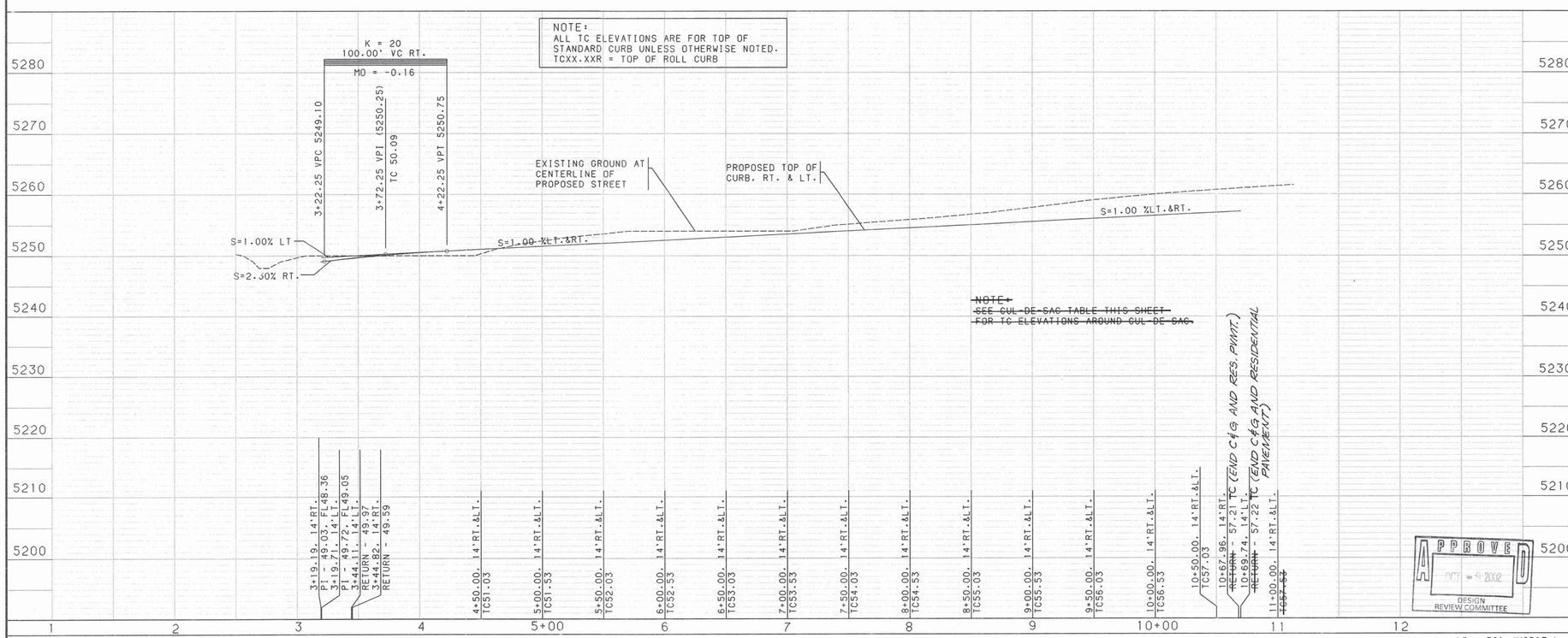
D= 89° 29' 58.6"
L= 39.05'
R= 25.00'
WR= 91.66'

	TC	FL	(B)
1	48.33	47.66	
2	48.10	48.08	
3	49.17	48.50	

D= 90° 32' 45.2"
L= 39.51'
R= 25.00'
WR= 110.05"

ANIMAS PLACE

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



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

APPROVED
OCT - 9 2002
DESIGN REVIEW COMMITTEE

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 J. STIDWORTHY
NEW MEXICO
14523
REGISTERED PROFESSIONAL ENGINEER
9/26/02

KEYED GENERAL NOTES

1. INSTALL LFT 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 SUNDANCE
WORK STAKED BY ACS DATE 9/03
INSPECTOR'S ACCEPTANCE BY CITY DATE "
FIELD VERIFICATION BY CITY DATE "
DRAWINGS CORRECTED BY ACS 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. City Inspector H. Blair

FIELD NOTES
NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
MICHAEL W. EMERY
No. 5194
8/6/96

REVISIONS
NO.	DATE	REMARKS	BY

DESIGN
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 I
PAVING PLAN & PROFILE
ANIMAS PLACE FROM STA. 3+01.44 TO 11+48.08

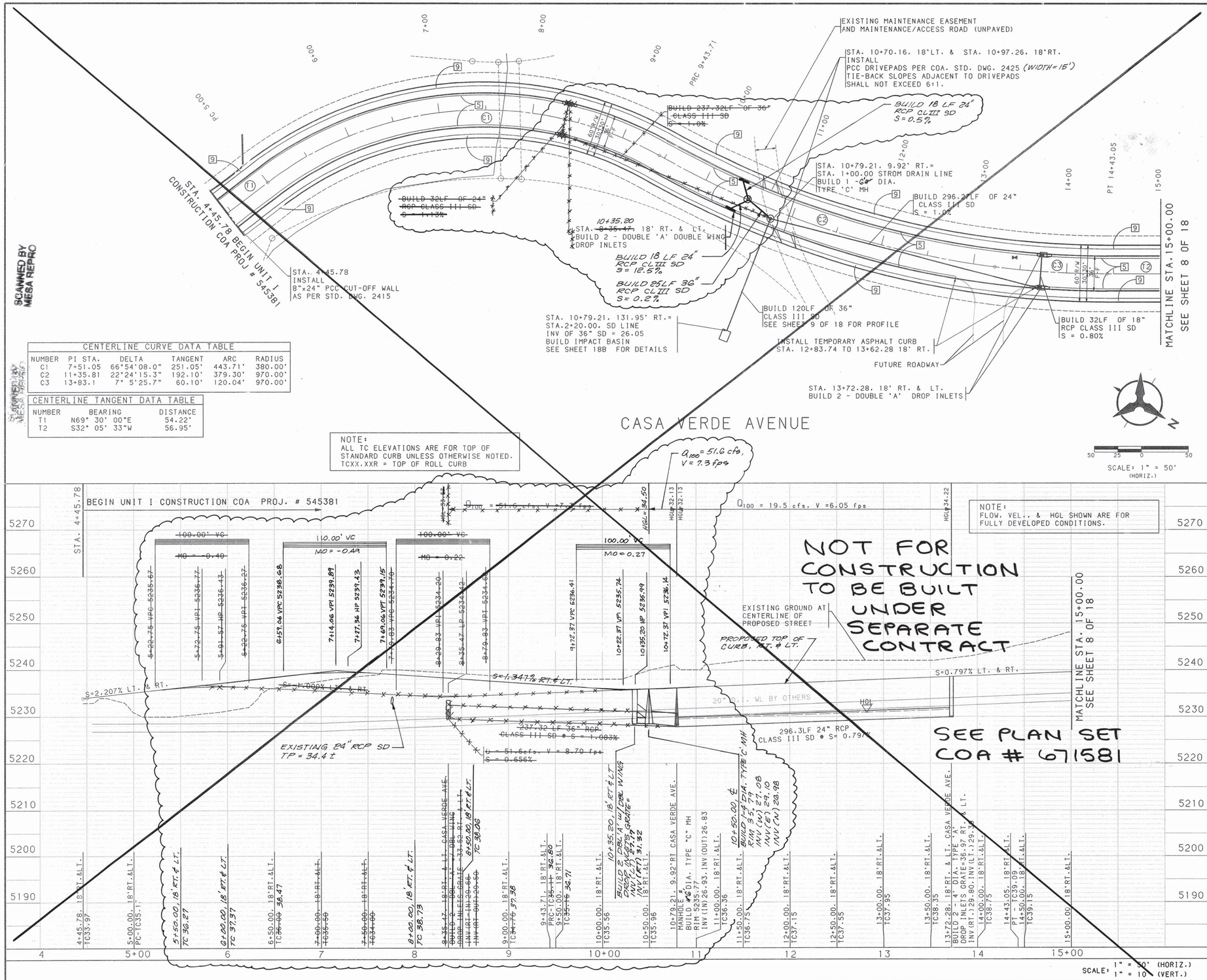
DESIGN REVIEW COMMITTEE — APPROVED OCT - 9 2002 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — APPROVED NOV - 8 2002 — CITY ENGINEER
APPROVED FEB 7 2000 — DESIGN REVIEW COMMITTEE
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	6	18

BHI JOB NO. C95335A2405

DATE: MAY,1996

USERNAME: COP4:[C95335A2405.PNP]ANIMAS-II.GRF



CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	7+51.05	66°54'08.0"	251.05'	443.71'	380.00'
C2	11+35.81	22°24'15.3"	192.10'	379.30'	970.00'
C3	13+83.1	7° 5'25.7"	60.10'	120.04'	970.00'

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	N69° 30' 00"E	54.22'
T2	S32° 05' 33"W	56.95'

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"x 5' POST AND EMD AT END OF EACH SANITARY 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 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 4' SIDEWALK
9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

AS-BUILT INFORMATION

CONTRACTOR: BUNDANCE
WORK STAKED BY: ALS
ACCEPTANCE BY: ESC DATE 3/03
FIELD VERIFICATION BY: COA DATE "
DRAWINGS CORRECTED BY: ALS 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 SURVEY INFORMATION

NO.	BY	DATE

ENGINEER'S SEAL

STATE OF NEW MEXICO
ROBERT M. SCHMITZ
14831
REGISTERED PROFESSIONAL ENGINEER
8/1/96

NO.	DATE	REMARKS	BY
	6/26/97	Not Resid. Per con 671581	SAR
	5-1-97	REVISE ROADWAY PROFILE	PS

REVISIONS

DESIGN		
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 I

PAVING PLAN & PROFILE (INCLUDING STORM DRAIN)
CASA VERDE AVENUE FROM STA. 4+45.78 TO 15+00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 2002 CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	7	18

APPROVED FEB 27 2003 DESIGN REVIEW COMMITTEE

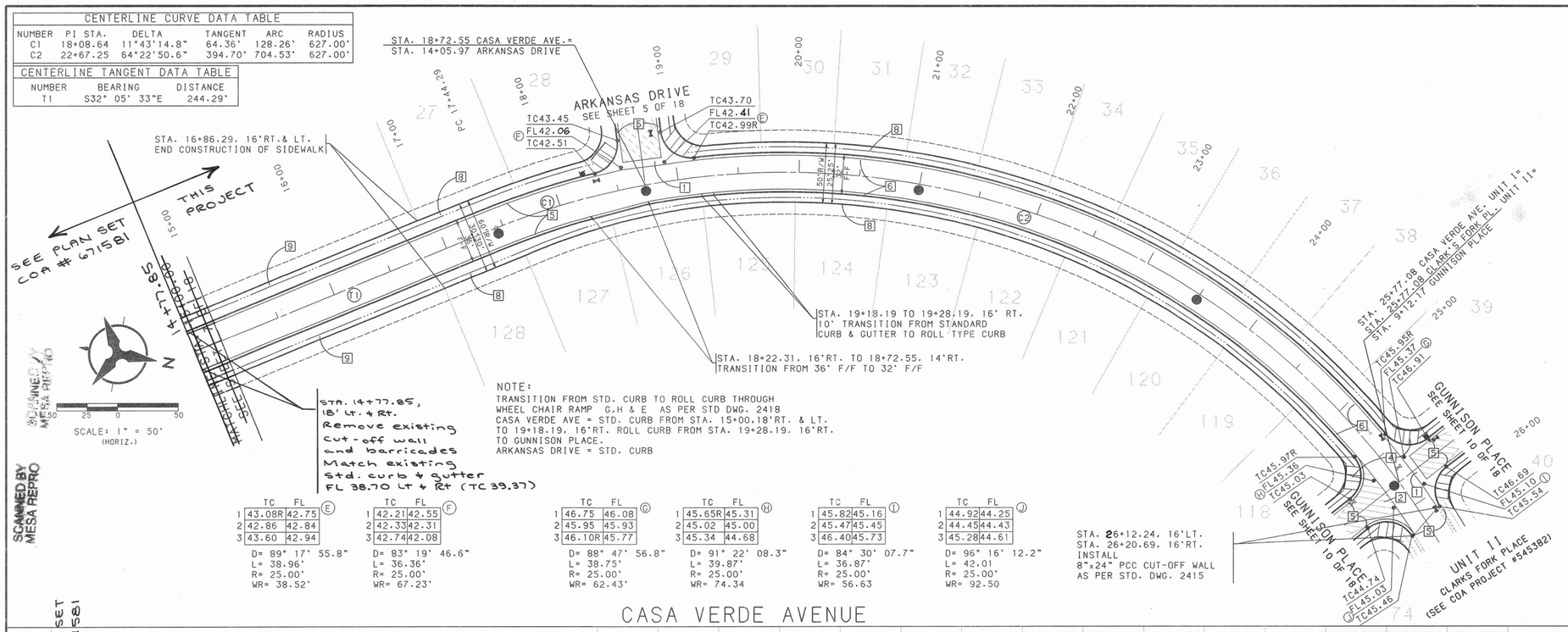
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

BHI JOB NO. C95335A2405

USERNAME: CDP4:[C95335A2405.PNP]VERDE-1.GRF

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	18+08.64	11°43'14.8"	64.36'	128.26'	627.00'
C2	22+67.25	64°22'50.6"	394.70'	704.53'	627.00'

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	S32° 05' 33"E	244.29'



NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH
WHEEL CHAIR RAMP G.H & E AS PER STD DWG. 2418
CASA VERDE AVE = STD. CURB FROM STA. 15+00,18'RT. & LT.
TO 19+18.19, 16'RT. ROLL CURB FROM STA. 19+28.19, 16'RT.
TO GUNNISON PLACE.
ARKANSAS DRIVE = STD. CURB

	TC	FL	
1	43.08R	42.75	E
2	42.86	42.84	
3	43.60	42.94	

D= 89° 17' 55.8"
L= 38.96'
R= 25.00'
WR= 38.52'

	TC	FL	
1	42.21	42.55	F
2	42.33	42.31	
3	42.74	42.08	

D= 83° 19' 46.6"
L= 36.36'
R= 25.00'
WR= 67.23'

	TC	FL	
1	46.75	46.08	G
2	45.95	45.93	
3	46.10R	45.77	

D= 88° 47' 56.8"
L= 38.75'
R= 25.00'
WR= 62.43'

	TC	FL	
1	45.65R	45.31	H
2	45.02	45.00	
3	45.34	44.68	

D= 91° 22' 08.3"
L= 39.87'
R= 25.00'
WR= 74.34

	TC	FL	
1	45.82	45.16	I
2	45.47	45.45	
3	46.40	45.73	

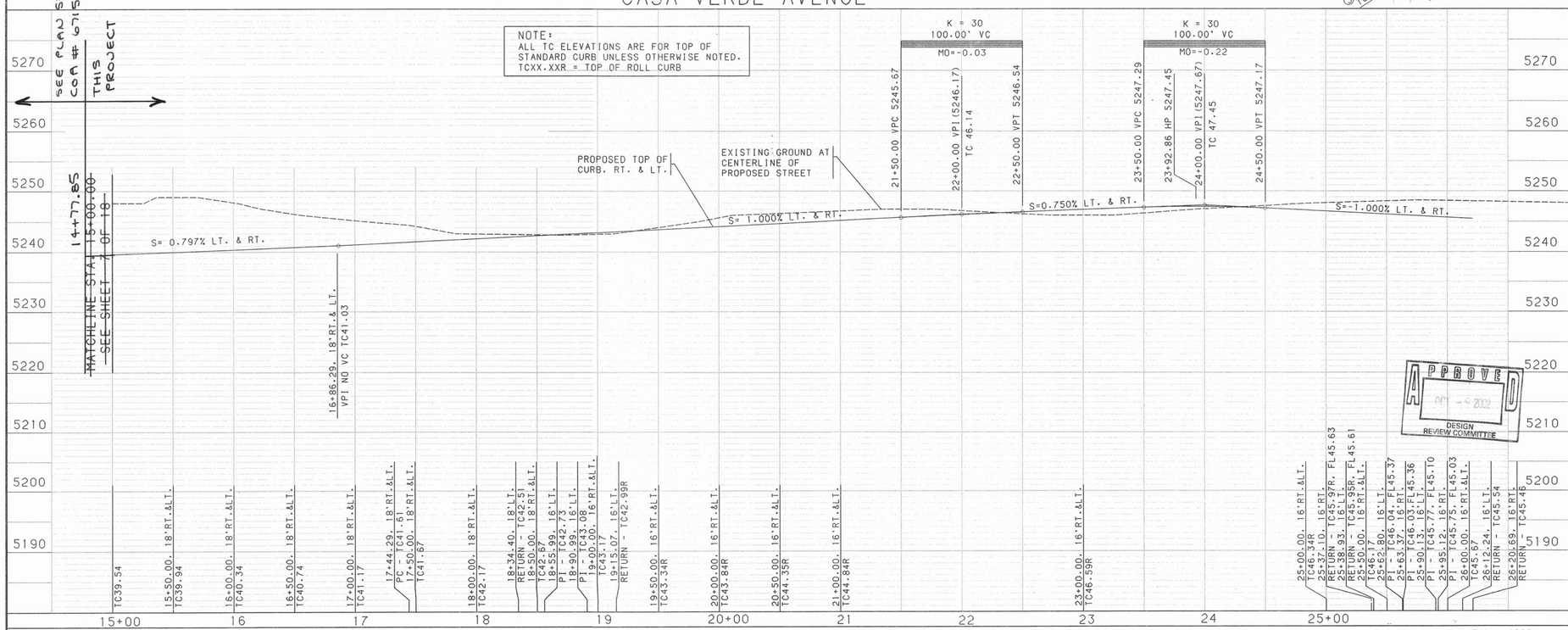
D= 84° 30' 07.7"
L= 36.87'
R= 25.00'
WR= 56.63

	TC	FL	
1	44.92	44.25	J
2	44.45	44.43	
3	45.28	44.61	

D= 96° 16' 12.2"
L= 42.01
R= 25.00'
WR= 92.50

CASA VERDE AVENUE

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



APPROVED
OCT - 5 2001
DESIGN REVIEW COMMITTEE

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

BHI JOB NO. C95335A2405

USERNAME: CDP4:[C95335A2405.PNPJVERDE-II.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.

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9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.

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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.

BRUCE R. STINSNORTH
NEW MEXICO
14523
REGISTERED PROFESSIONAL ENGINEER
8/6/96

KEYED GENERAL NOTES

1. INSTALL 6FT-WIDE CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. DO NOT INSTALL FILLETS OR VALLEY GUTTER
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 SUNDANCE
WORK STAKED BY ALS DATE 3/6
WORK INSPECTED BY CGC
ACCEPTANCE BY CDA DATE "
FIELD VERIFICATION BY ALS 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

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
NEW MEXICO
BRUCE R. STINSNORTH
14523
STATE REGISTERED
8/6/96

NO.	DATE	REMARKS	BY
	8/6/96	New Tie Per COA 671581	SAR

REVISIONS

DESIGN		
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 I
PAVING PLAN & PROFILE
CASA VERDE AVENUE FROM STA. 15+00 TO 25+77.08

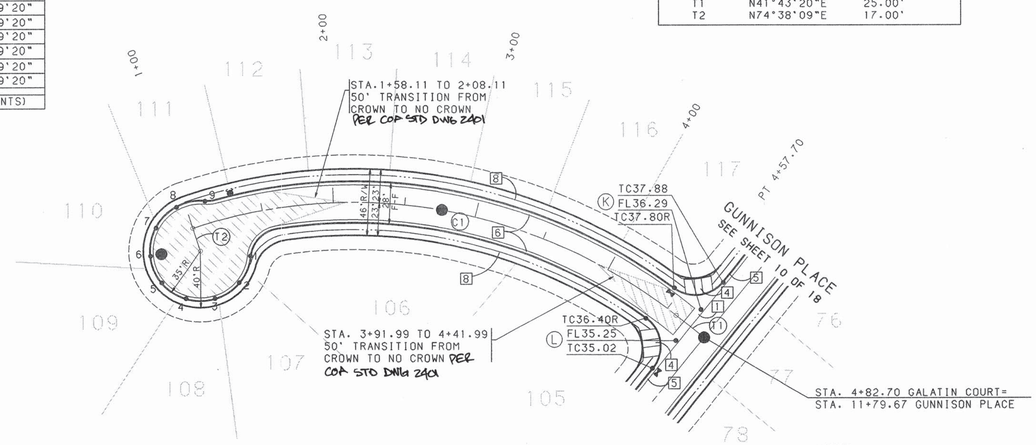
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED	APPROVED AUG - 8 2002 CITY ENGINEER	LAST DESIGN UPDATE		
APPROVED FEB 27 2000 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9, J-9	8	18

CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	39.15R	1+34.90, 29.70'RT.	33°39'20"
2	39.35R	1+21.47, 46.02'RT.	33°39'20"
3	39.49R	0+99.04, 51.99'RT.	33°39'20"
4	39.66R	0+77.03, 45.02'RT.	33°39'20"
5	39.78R	0+64.57, 28.12'RT.	33°39'20"
6	39.66R	0+64.99, 7.86'RT.	33°39'20"
7	39.54R	0+76.25, 8.97'LT.	33°39'20"
8	39.42R	0+94.00, 17.48'LT.	33°39'20"
9	39.30R	1+13.27, 15.40'LT.	33°39'20"
R=35.00', L=164.47' (BETWEEN POINTS)			

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	2+95.28	57°05'17.1"	195.28'	357.70'	359.00'

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	N41°43'20"E	25.00'
T2	N74°38'09"E	17.00'



	TC	FL	
1	37.94	37.28	K
2	37.36	37.34	
3	37.74R	37.40	

D=87° 59' 03.0"
L=38.39'
R= 25.00'
WR= 59.69'

	TC	FL	
1	35.97R	35.64	L
2	35.23	35.21	
3	35.45	34.78	

D= 92° 30' 26.9"
L= 40.36'
R= 25.00'
WR= 82.11'

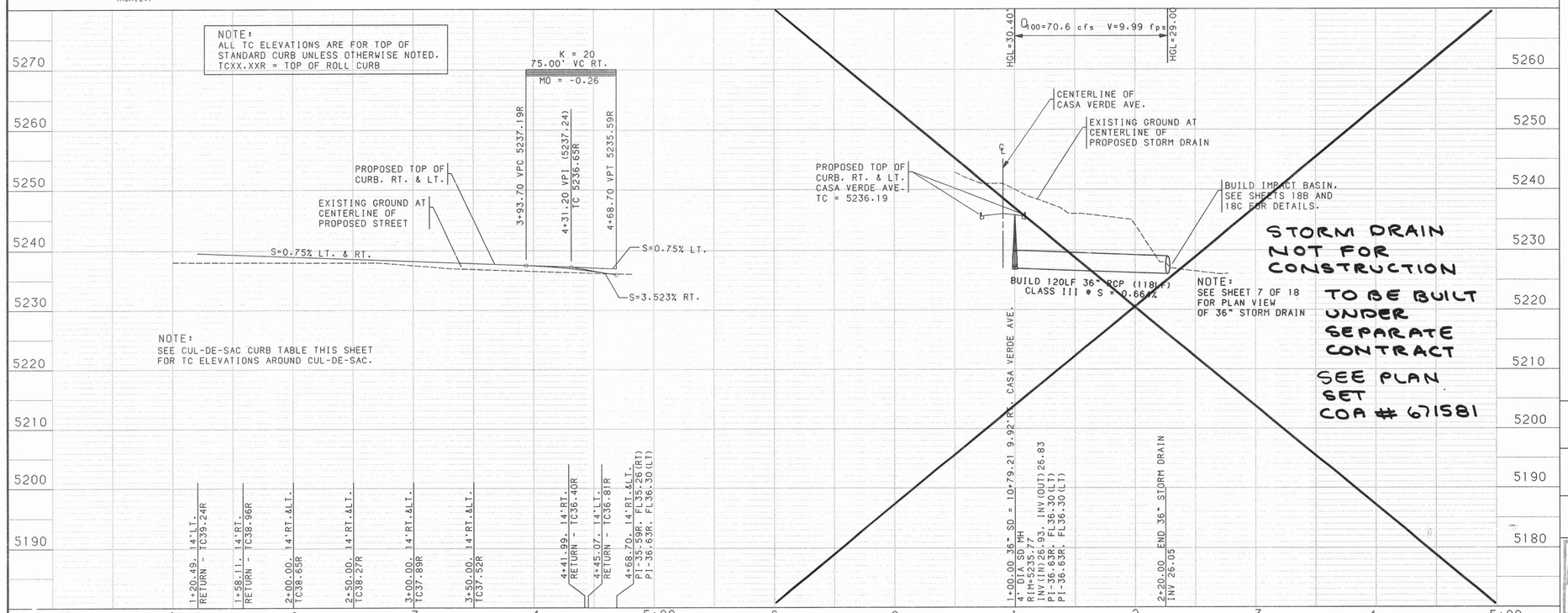
NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH WHEEL CHAIR RAMPS I & J AS PER STD DWG. 2418
GUNNISON PLACE = STD. CURB
GALATIN COURT = ROLL CURB

N

SCALE: 1" = 50'
(HORIZ.)

GALATIN COURT

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



NOTE:
SEE CUL-DE-SAC CURB TABLE THIS SHEET FOR TC ELEVATIONS AROUND CUL-DE-SAC.

STORM DRAIN NOT FOR CONSTRUCTION

TO BE BUILT UNDER SEPARATE CONTRACT

SEE PLAN SET COA # 671581

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

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 J. STIDWORTHY
NEW MEXICO
14523
REGISTERED PROFESSIONAL ENGINEER

KEYED GENERAL NOTES

1. INSTALL 6FT WIDE CONCRETE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL 8FT WIDE 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 BURDANCE
WORK STAKED BY ACLS DATE 3/03
WORK PERFORMED BY CGC DATE "
ACCEPTANCE BY ACLS DATE "
FIELD VERIFICATION BY CGC DATE "
DRAWINGS CORRECTED BY ACLS DATE "

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "BH-40"
GEOGRAPHIC POSITION (NAD 1927)
N.M. STATE PLANE COORDINATES
(CENTRAL ZONE) X = 352,790.66
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
14523
REGISTERED PROFESSIONAL ENGINEER
Bruce J. Stidworthy 8/1/96

NO.	DATE	REMARKS	BY
	8/26/02	SD Not Reqd. Per 671581	SAR

REVISIONS

DESIGNED BY	KP/BJS	DATE 8/96
DRAWN BY	OR	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 I
PAVING PLAN & PROFILE (INCLUDING STORM DRAIN)
GALATIN COURT

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED NOV 1 1996 DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 2002 CITY ENGINEER	LAST DESIGN UPDATE		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	9	18

APPROVED FEB 27 2003 DESIGN REVIEW COMMITTEE

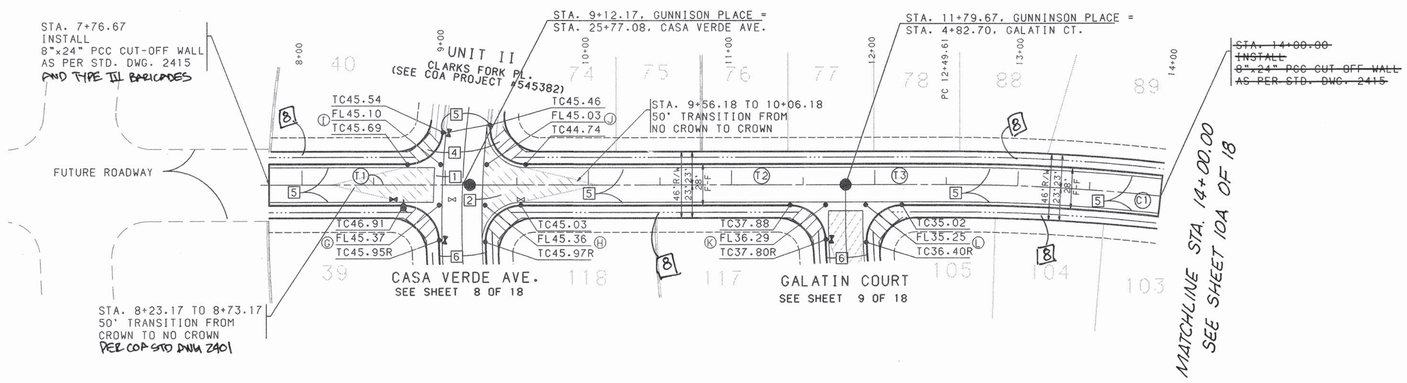
APPROVED OCT - 4 2002 DESIGN REVIEW COMMITTEE

BHI JOB NO. C95335A2405

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

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	S48° 16' 34"E	135.50'
T2	S48° 16' 34"E	267.50'
T3	S48° 16' 34"E	69.94'

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	~~15+67.16~~ 14+24.21	~~26°28'24.5"~~ 14°44' 19"	~~317.55'~~ 174.60'	~~150.39'~~ 347.27'	1350.00'



	TC	FL	
1	46.75	46.08	G
2	45.95	45.93	
3	46.10R	45.77	

D= 88° 47' 56.8"
L= 38.75'
R= 25.00'
WR= 62.43'

	TC	FL	
1	45.65R	45.31	H
2	45.02	45.00	
3	45.34	44.68	

D= 91° 22' 08.3"
L= 39.87'
R= 25.00'
WR= 74.34

	TC	FL	
1	45.82	45.16	I
2	45.47	45.45	
3	46.40	45.73	

D= 84° 30' 07.7"
L= 36.87'
R= 25.00'
WR= 56.63

	TC	FL	
1	45.59	44.92	J
2	45.12	45.10	
3	45.95	45.28	

D= 96° 16' 12.2"
L= 42.01
R= 25.00'
WR= 92.50

	TC	FL	
1	37.94	37.28	K
2	37.36	37.34	
3	37.74R	37.40	

D= 87° 59' 03.0"
L=38.39'
R= 25.00'
WR= 59.69'

	TC	FL	
1	35.97R	35.64	L
2	35.23	35.21	
3	35.45	34.78	

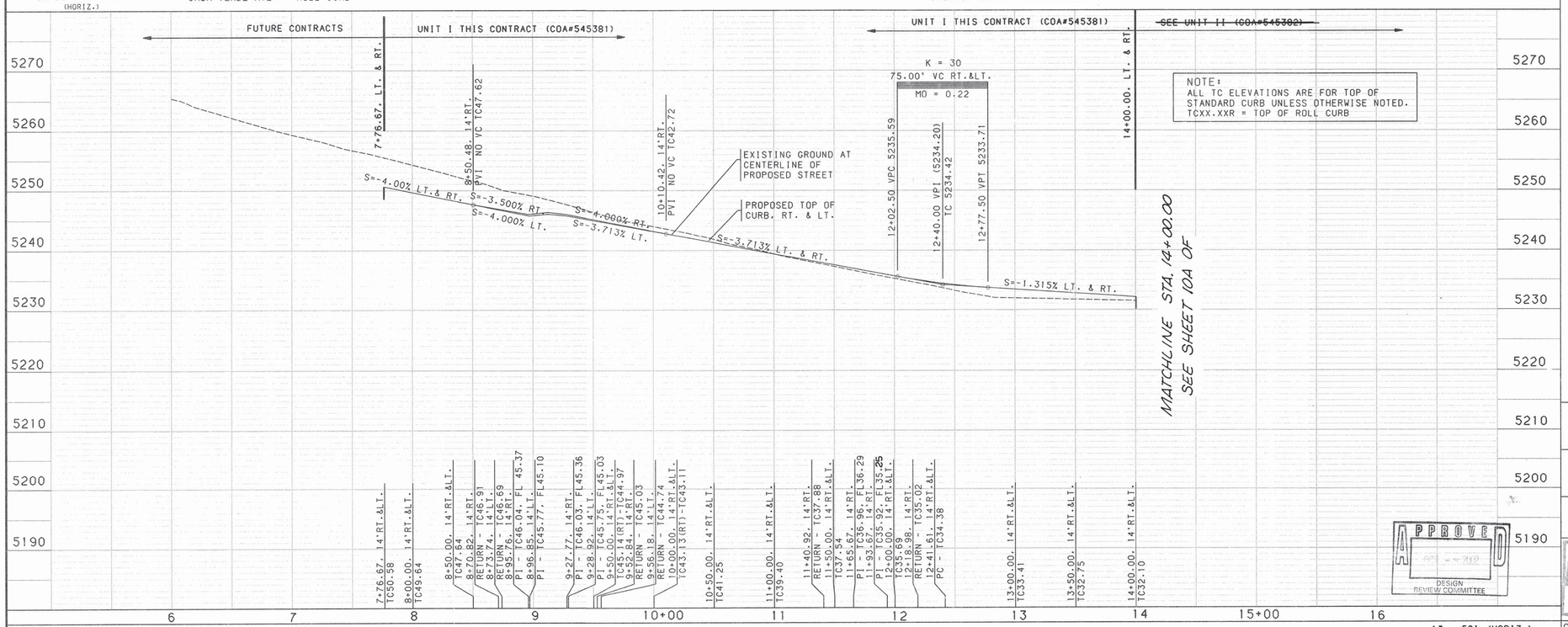
D= 92° 30' 26.9"
L= 40.36'
R= 25.00'
WR= 82.11'

NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH
WHEEL CHAIR RAMPS G & H AS PER STD DWG. 2418
GUNNISON PLACE = STD. CURB
CASA VERDE AVE. = ROLL CURB

SCALE: 1" = 50' (HORIZ.)

GUNNISON PLACE

NOTE:
TRANSITION FROM STD. CURB TO ROLL CURB THROUGH
WHEEL CHAIR RAMPS K & L AS PER STD DWG. 2418
GUNNISON PLACE = STD. CURB
GALATIN COURT = ROLL CURB



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

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

BHI JOB NO. C95335A2405

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. DO NOT INSTALL FILLETS OR VALLEY GUTTER
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 SUNDANCE
WORK STAKED BY ALS DATE 7/96
INSPECTOR ACCEPTANCE BY SEL DATE "
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY ALS 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
MICHAEL W. EMERY
No. 5194
REGISTERED PROFESSIONAL ENGINEER
8/6/96

NO.	DATE	REMARKS
		Revised Revised C1 Per New Alignment SAR

REVISIONS

DESIGN	BY	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 I
PAVING PLAN & PROFILE
GUNNISON PLACE FROM STA. 7+76.67 TO 14+00.00

DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE
CITY ENGINEER — APPROVED — NOV - 8 2002
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.
APPROVED — DESIGN REVIEW COMMITTEE

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	10	18

DATE: MAY,1996

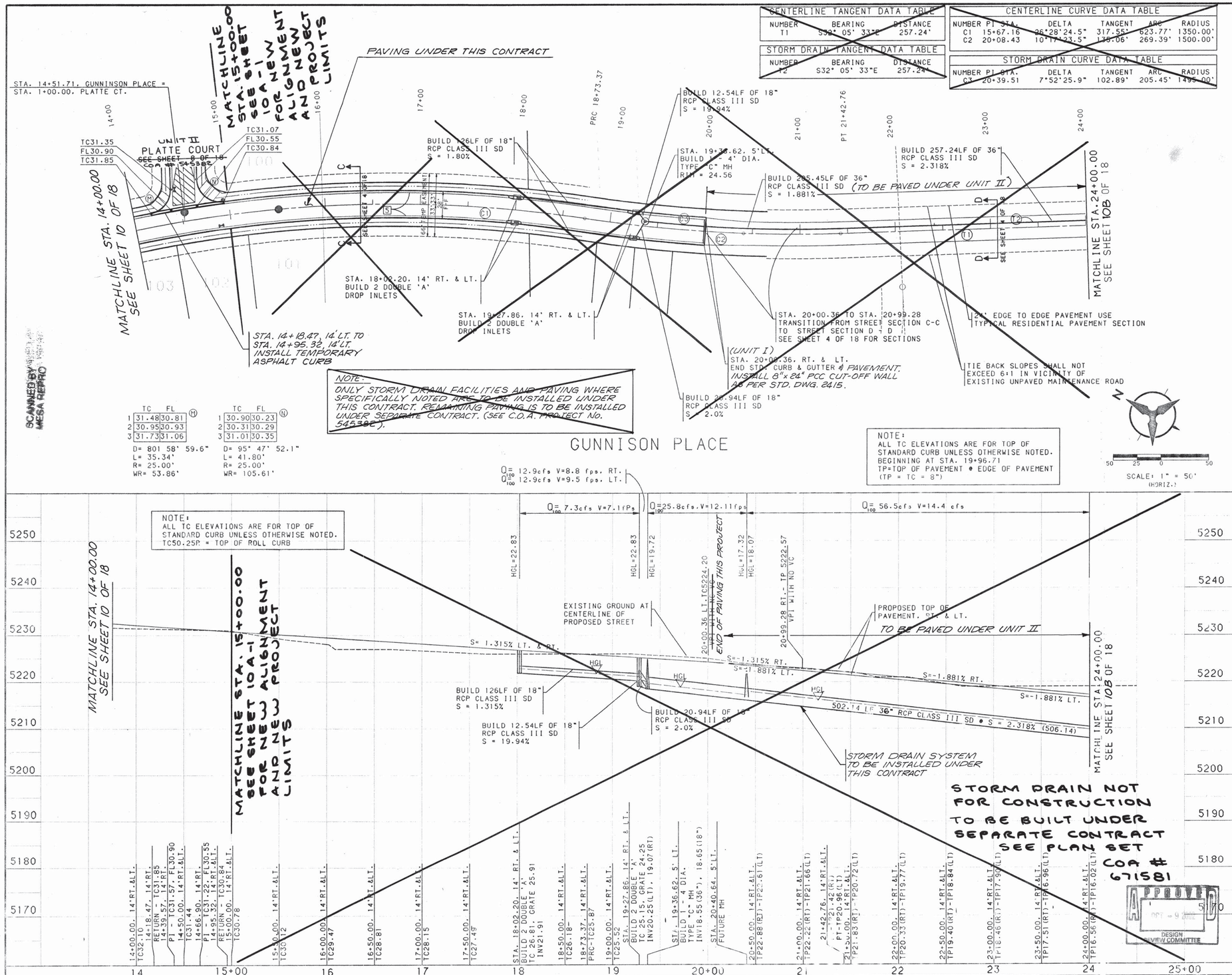
USERNAME: CDP4*EC95335A2405.PNPJGUNNI-I.GRF

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	25°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

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. ROBWORTHY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 9/20/96

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

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
SUPERVISOR'S ACCEPTANCE By — DATE
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.

SEAL SURVEY INFORMATION
FIELD NOTES
NO. — BY — DATE

ENGINEER'S SEAL
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
KENNETH PORTER
9/20/96

NO.	DATE	REMARKS	BY
	8/26/96	(See Sheet 10A-1) New Tie Per COA 671581	SAR

REVISIONS

DESIGN

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 I

PAVING PLAN & PROFILE INCLUDING STORM DRAIN
GUNNISON PLACE FROM STA.14+00.00 TO ~~24+00.00~~

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED NOV 4 1996 DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 1996 CITY ENGINEER			15+00.00

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9.J-9	10A	18

APPROVED FEB 27 2000 DESIGN REVIEW COMMITTEE

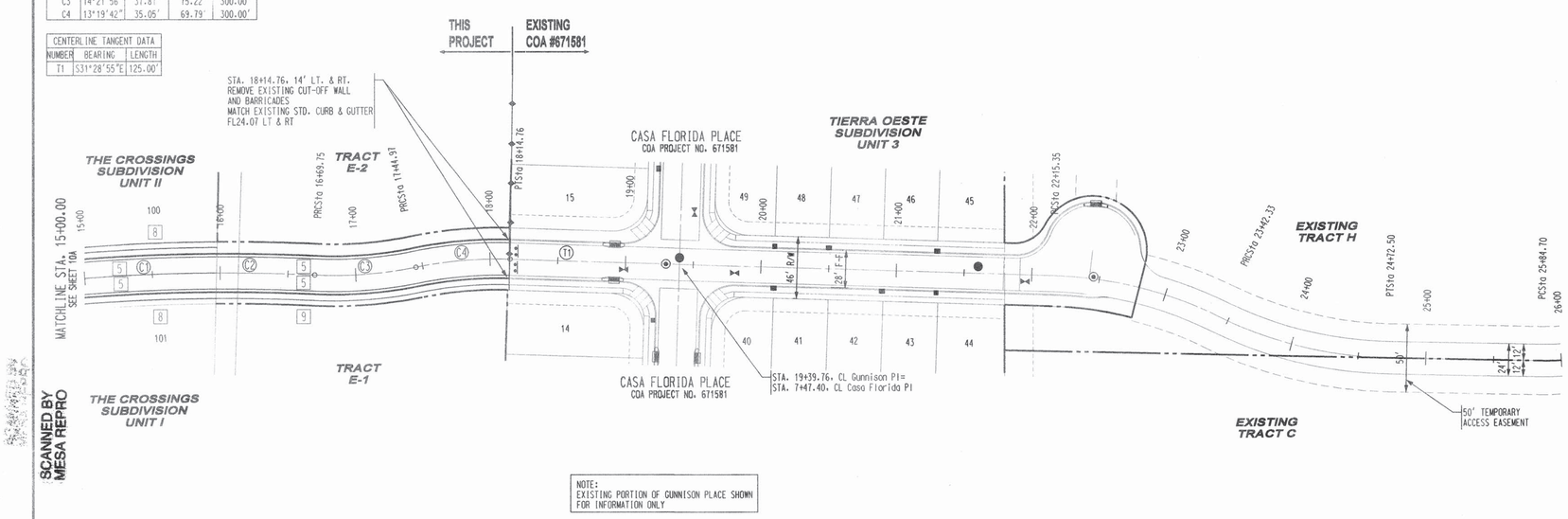
DATE: MAY,1996

BHI JOB NO. C95335A2405

USER NAME: COP4+EC95335A2405.PNPJGUNNI-II.GRF

CENTERLINE CURVE DATA				
NUMBER	DELTA	TANGENT	ARC	RADIUS
C1	14°44'19"	174.60'	347.27'	1350.00'
C2	03°04'20"	36.26'	72.39'	1350.00'
C3	14°21'56"	37.81'	75.22'	300.00'
C4	13°19'42"	35.05'	69.79'	300.00'

CENTERLINE TANGENT DATA		
NUMBER	BEARING	LENGTH
T1	S31°28'55"E	125.00'

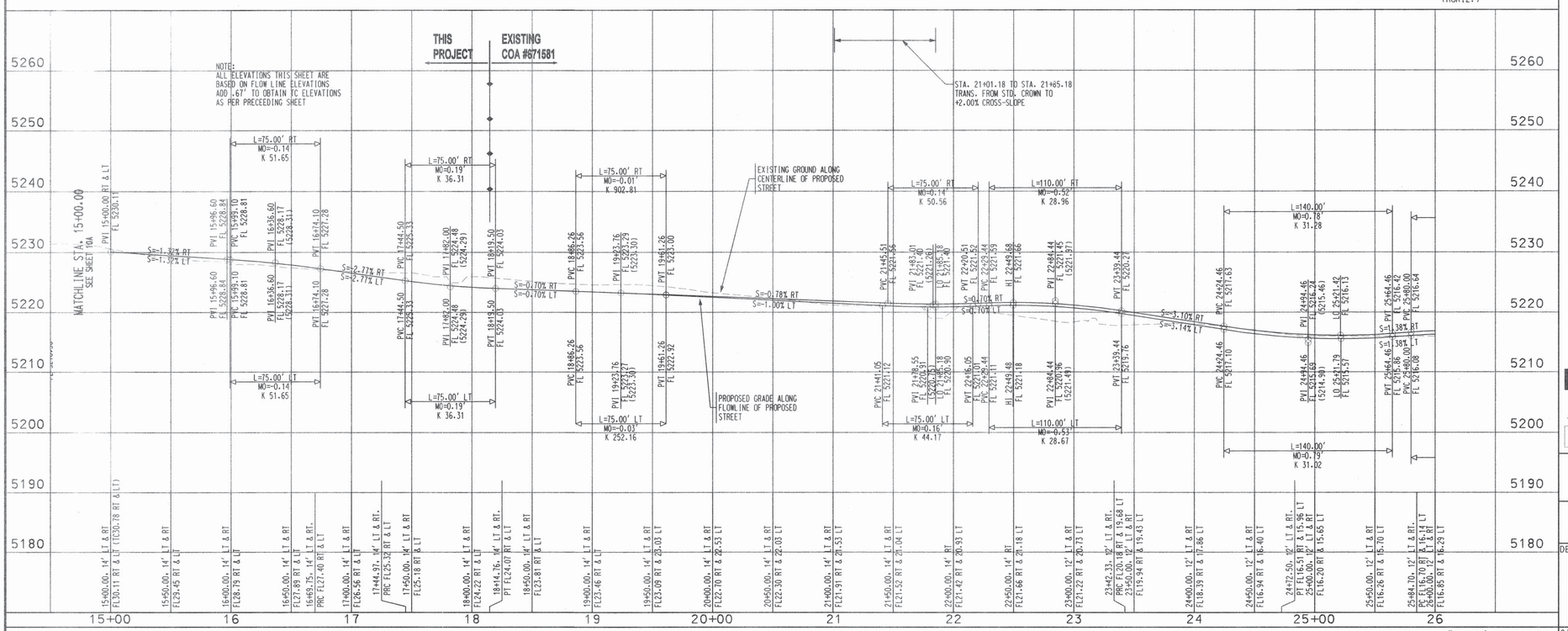


NOTE:
EXISTING PORTION OF GUNNISON PLACE SHOWN FOR INFORMATION ONLY

SCANNED BY MESA REPRO

SCALE: 1" = 50' (HORIZ.)

GUNNISON PLACE



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

P:\020040\CDP\PNP*020040ppnp-crossings.dgn

BHI JOB NO. XXXXXX XX

P:\020040\cdp\ppnp\020040ppnp-crossings.dgn
27-AUG-2002
16:28

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.
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 & 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.

KEYED GENERAL NOTES

1. INSTALL ~~CONCRETE~~ VGFWIDE VALLEY GUTTER AS PER STD. DWG. 2420
2. INSTALL ~~CONCRETE~~ VGFWIDE VALLEY GUTTER AS PER STD. DWG. 2421
3. INSTALL WHEELCHAIR RAMP AS PER STD. DWG. 2441, CASE I
4. INSTALL WHEELCHAIR 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

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
WORK STAKED BY ALS DATE 3/03
WORK INSPECTED FOR ACCEPTANCE BY BSL DATE "
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY ALS DATE "

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 = 0.99967105
DELTA ALPHA = -00DEG 16 MIN 59 SEC
NGVD 1929 ELEVATION = 5305.43

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
BRUCE J. STIDWORTHY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
9/20/02

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

REVISIONS

DESIGN

DESIGNED BY	YOP	DATE 06/2001
DRAWN BY	BS/JC	DATE 06/2001
CHECKED BY	KGP	DATE 06/2001

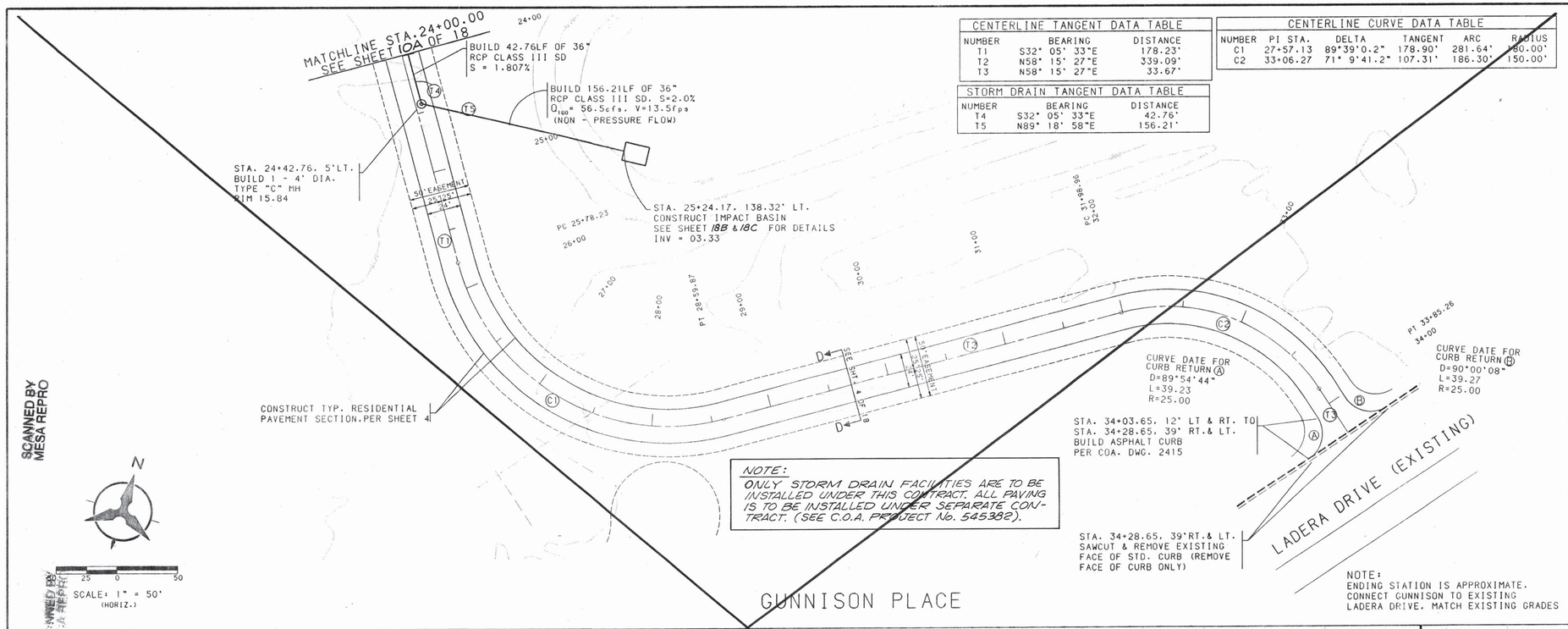
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSINGS SUBDIVISION UNIT I
PAVING PLAN & PROFILE
GUNNISON PLACE FROM STA. 15+00.00 TO 18+14.76

DESIGN REVIEW COMMITTEE APPROVAL: APPROVED OCT - 4 2002 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED NOV - 8 2002 CITY ENGINEER

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

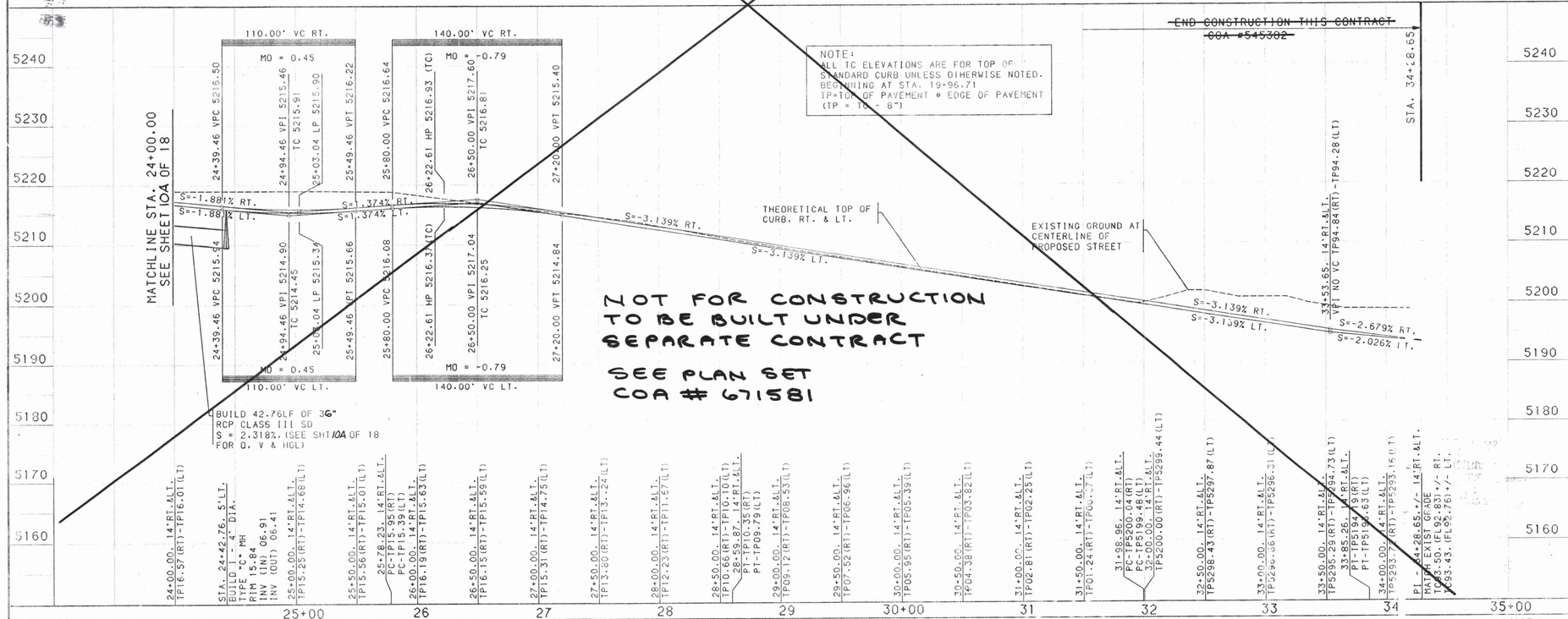
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9/J9	10A-1	18



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

1. THE CONTRACTOR SHALL FIELD VIERFY ALL EXISTING UILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATLEY 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 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 4' SIDEWALK
9. BUILD 4' SIDEWALK
10. 10' MEANDERING ASPHALT TRAIL BY OTHERS

SCANNED BY MESA REPRO

SEAL SURVEY INFORMATION			BENCH MARKS	AS-BUILT INFORMATION
FIELD NOTES			ACS ALUMINUM TABLET STAMPED "BH-40"	CONTRACTOR
NO.	BY	DATE	GEOGRAPHIC POSITION (NAD 1927)	WORK STAKED BY
			N.M. STATE PLANE COORDINATES	INSPECTOR'S ACCEPTANCE BY — DATE
			(CENTRAL ZONE) X = 362,790.66	FIELD VERIFICATION BY — DATE
			Y = 1,492,346.53	DRAWINGS CORRECTED BY — DATE
			GROUND TO GRID FACTOR = 0.99967105	MICRO-FILM INFORMATION
			D = 00° 16' 59"	RECORDED BY — DATE
			NGVD 1929 ELEVATION = 5305.43	NO.

ENGINEER'S SEAL

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

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

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT I
(STORM DRAIN ONLY)
GUNNISON PLACE FROM 24+00 TO 25+24.00

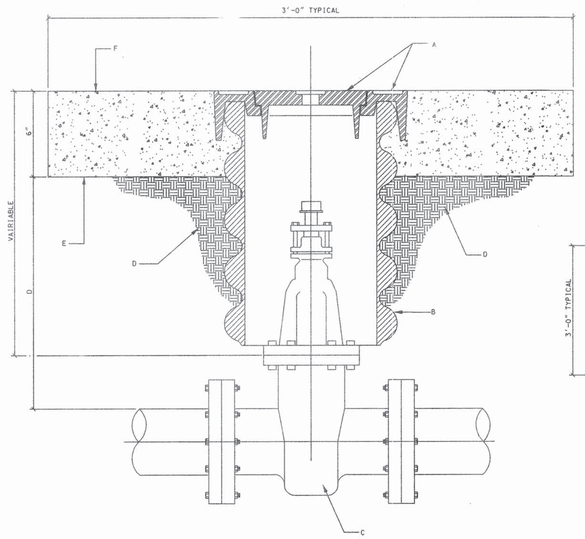
DESIGN REVIEW COMMITTEE — APPROVED
CITY ENGINEER APPROVAL — APPROVED NOV - 8 2002 CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

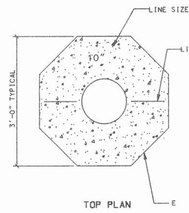
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9, J-9	10B	18

APPROVED FEB 27 2000 DESIGN REVIEW COMMITTEE

DATE: MAY, 1996

USERNAME: CDP4:[C95335A2405.PNP]GUNNI-III.GRF
BHI JOB NO. C95335A2405





TOP PLAN

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.

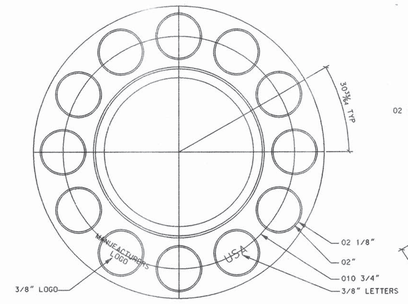
D COMPACTED BACKFILL. SOIL OR BASE COURSE MATERIAL (95% COMPACTION). SEE SECTION 701.

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.

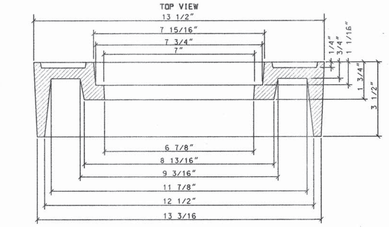
F TOP OF CONCRETE COLLAR SHALL BE STAMPED WITH LINE SIZE AND DIRECTION. MINIMUM LETTER SIZE SHALL BE 3" IN HEIGHT.

DWG 2326

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



TOP VIEW



SECTION

VALVE BOX RING

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

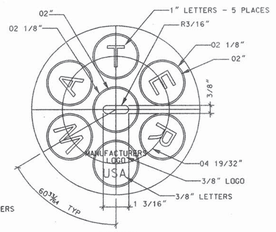
1 ALBUQUERQUE VALVE BOX COVER DESIGNED TO FIT INTO AN ALBUQUERQUE VALVE BOX RING.

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.

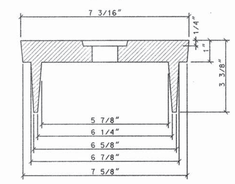
3 FILLETS SHALL BE 1/4"R UNLESS OTHERWISE SPECIFIED.

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

5 FINISH: REMOVE EXCESS IRON AND FINS.



TOP VIEW

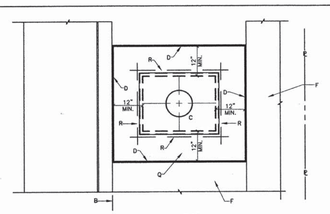


SECTION

VALVE BOX COVER

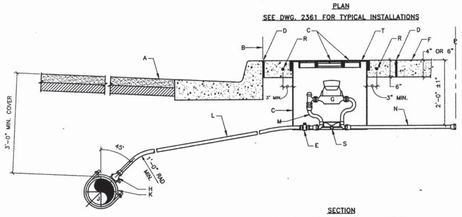
DWG 2328

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

P:\m020040\CDP\GENERAL\coroasings-unit1-valves.dgn
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28-APR-2002
10:13

BHI JOB NO. XXXXXXXX

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE

WORK STAKED BY ALS DATE 7/03

INSPECTOR'S ACCEPTANCE BY SFC DATE 4

FIELD VERIFICATION BY COA DATE 11

DRAWINGS CORRECTED BY ALS DATE

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 = 0.99967105

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	SAR

REVISIONS

DESIGN

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

Bohannan ▲ Huston

Courtyard One 7500 JEFFERSON NE Albuquerque NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS SURVEYORS SOFTWARE DEVELOPERS

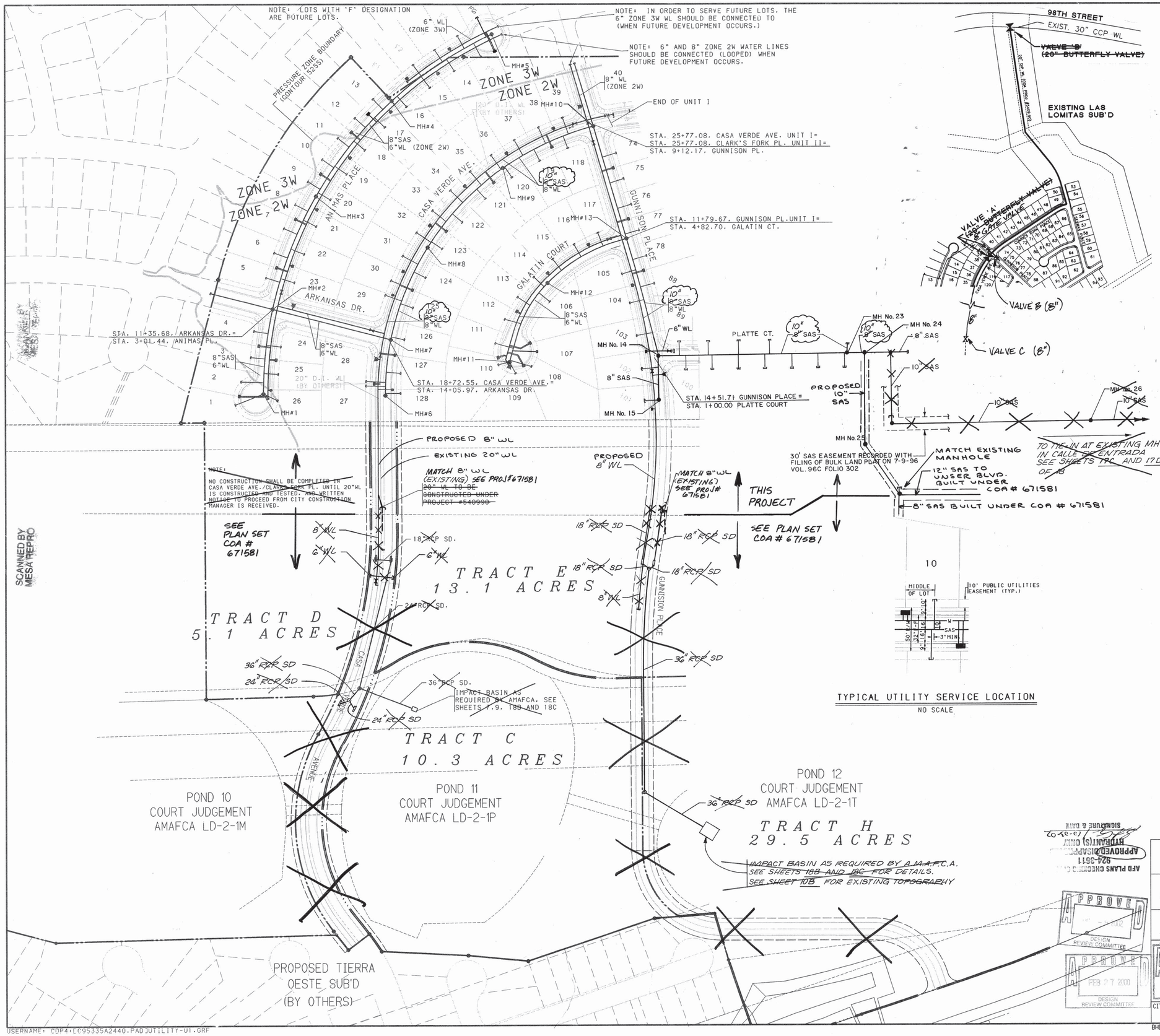
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSINGS SUBDIVISION UNIT I

CITY OF ALBUQUERQUE VALVE BOX DETAILS

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9/J9	11-A	18



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. AT LEAST ~~FIVE (5)~~ Seven (7) 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	A & B & C

NOTE: VALVES A & B 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.

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: SUNDANCE
WORK STAKED BY: ALS DATE 2/03
WORK CHECKED BY: CWC DATE "
FIELD ACCEPTANCE BY: COA DATE "
FIELD VERIFICATION BY: ALS 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

SURVEY INFORMATION

NO.	BY	DATE	FIELD NOTES

ENGINEER'S SEAL

BRUCE J. STOWORYK NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14523
8/6/96

NO.	DATE	REMARKS
	8/26/02	New Ties Per COA 671581

REVISIONS

	BY	DATE
DESIGN		
DESIGNED BY	KP/BJC	DATE 8/96
DRAWN BY	JS/DR	DATE 8/96
CHECKED BY	KP	DATE 8/96

2/1/00
9/20/02

APPROVED
DESIGN REVIEW COMMITTEE

APPROVED
FEB 27 2000
DESIGN REVIEW COMMITTEE

APPROVED
DESIGN REVIEW COMMITTEE

APPROVED
CITY ENGINEER

AFD PLANS CHECKING CLERK
APPROVED/DISAPPROVED
HYDRANT(S) OKAY
924-3611
SIGNATURE & DATE 10-25-02

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

THE CROSSING SUBDIVISION UNIT I
OVERALL UTILITY

	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
LAST DESIGN UPDATE		10-26-00	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9, J-9	11	18

BHI JOB NO. 95335A2440

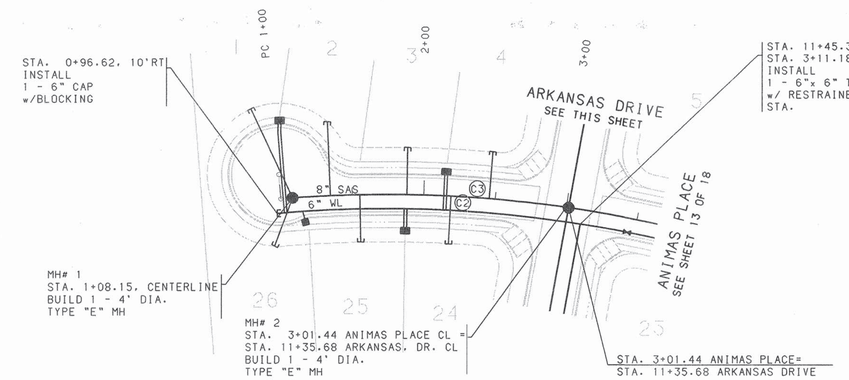
USERNAME: CDP4:EC95335A2440.PADJUTILITY-U1.GRF

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	2+00.63	13° 04' 59.2"	104.01'	207.11'	907.00'

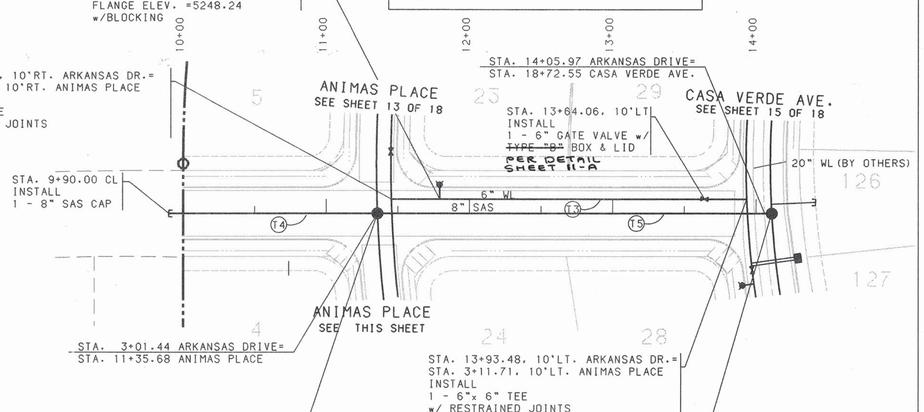
SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	2+05.17	12° 20' 47.6"	97.02'	193.29'	897.00'

WATERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T3	N72° 48' 44"E	248.13'

SAS TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T4	N72° 48' 44.3"E	145.68'
T5	N72° 48' 44.3"E	275.30'



STA. 11+45.35, 10'RT. ARKANSAS DR.=
STA. 3+11.18, 10'RT. ANIMAS PLACE
INSTALL
1 - 6"x 6" TEE
w/ RESTRAINED JOINTS
STA.



WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG *
1*	1+02.54, 10'RT.	DOUBLE	MH#1 N37°15'46"E	68.78'	5246.79
2			1+34.68, CENTERLINE	51.70'	5246.61
3	2+14.89, 10'RT.	DOUBLE	1+88.10, CENTERLINE	33.00'	5245.49
4			2+45.69, CENTERLINE	33.00'	5245.08
24	1+87.25, 10'RT.	DOUBLE	2+18.85, CENTERLINE	33.00'	5244.94
25			1+55.23, CENTERLINE	33.00'	5245.39
26**	1+15.09, 10'RT.	SINGLE	MH#1 S82°46'17"W	35.84'	5245.47

* NO RISERS REQUIRED ON THIS STREET

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

SCALE: 1" = 50' (HORIZ.)

ANIMAS PLACE

SCALE: 1" = 50' (HORIZ.)

ARKANSAS DRIVE

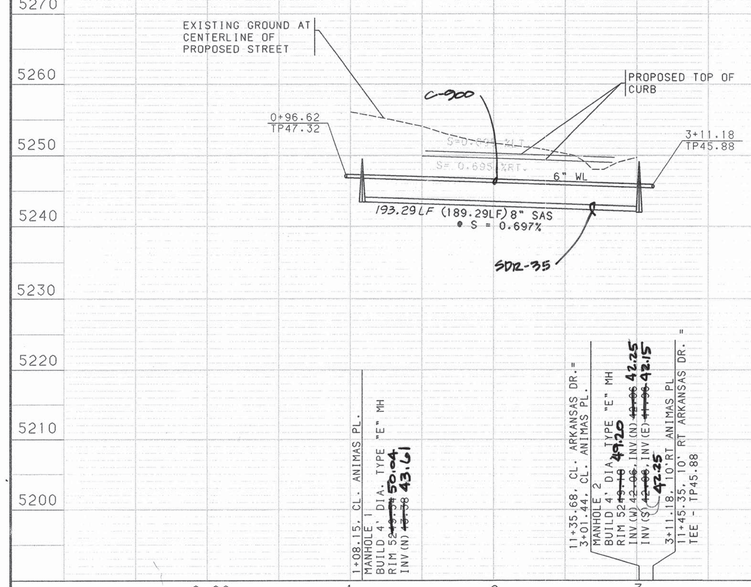
NOTES

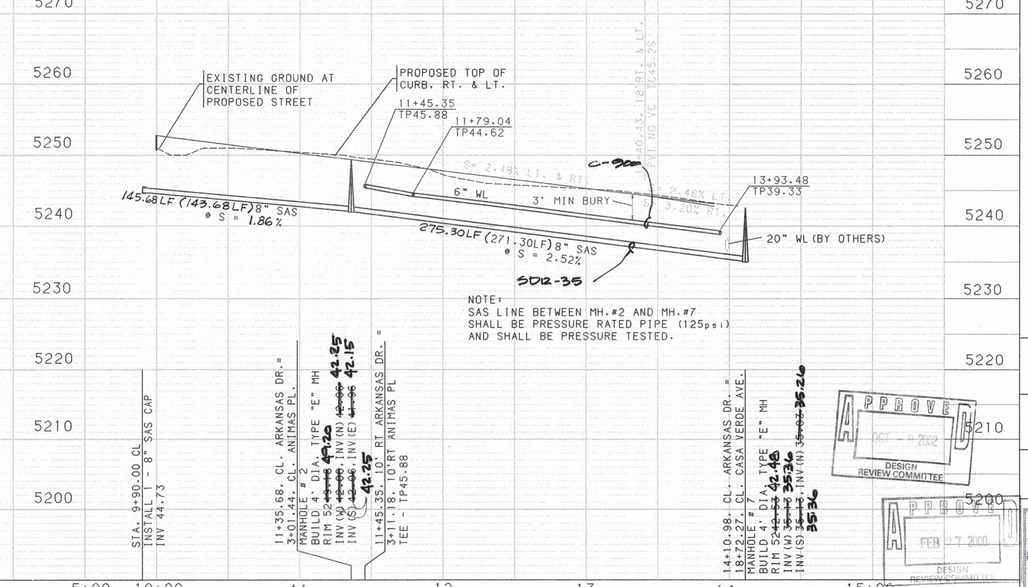
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, 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





NOTE:
SAS LINE BETWEEN MH.#2 AND MH.#7 SHALL BE PRESSURE RATED PIPE (125psi) AND SHALL BE PRESSURE TESTED.

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

BHI JOB NO. C95335A2405

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE
WORK STAKED BY ALS DATE 7/93
WORK INSPECTED BY SDA DATE "
ACCEPTANCE BY ACS DATE "
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 = 001°16' 59"
NGVD 1929 ELEVATION = 5305.43

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

SEAL SURVEY INFORMATION

NO.	BY	DATE

FIELD NOTES

ENGINEER'S SEAL
STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER BRUCE A. MICHNIAK No. 5194
8/6/96

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED BY KP/BJS DATE 8/96
DRAWN BY CR 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 I
UTILITY PLAN & PROFILE
ANIMAS PLACE/ARKANSAS DRIVE

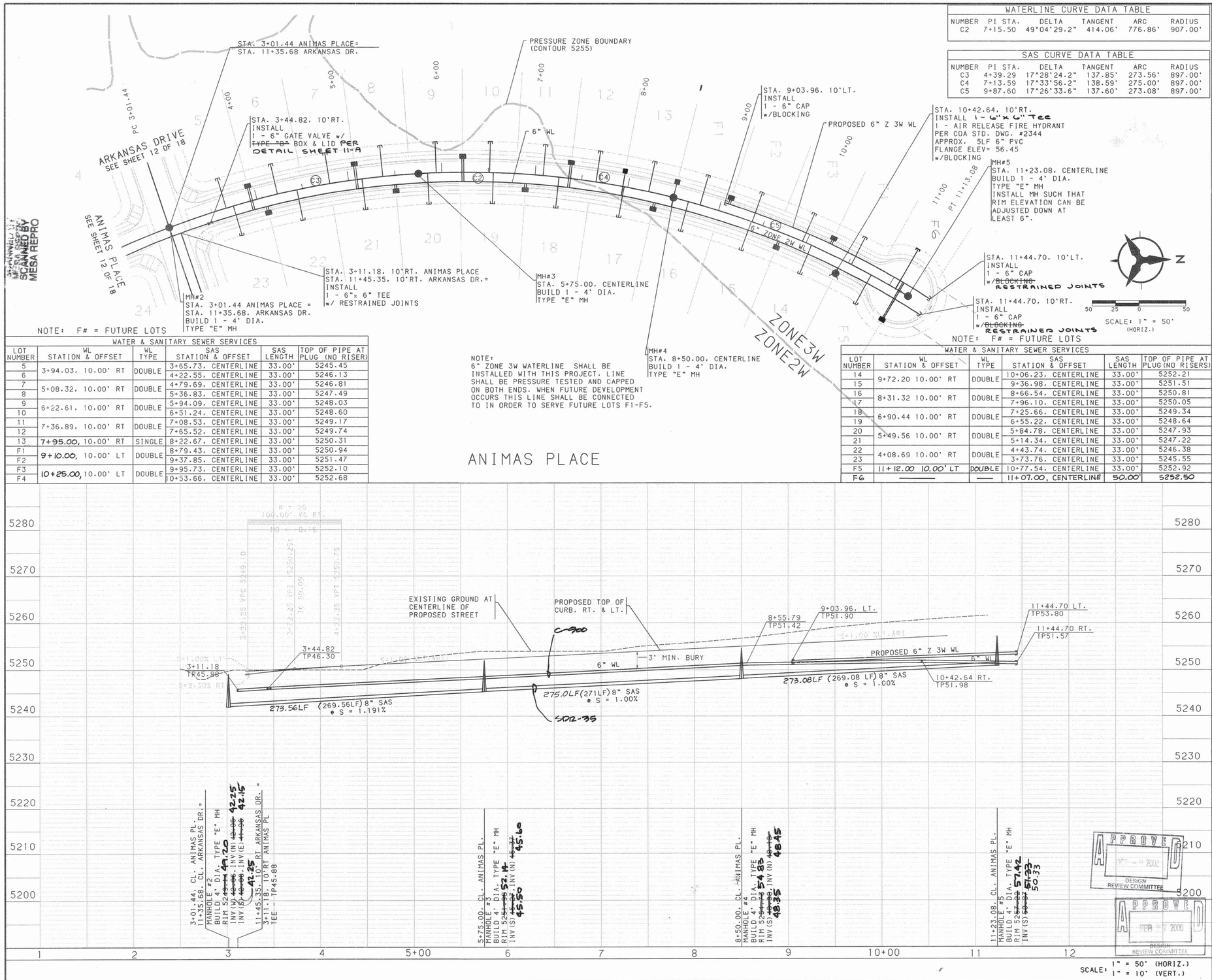
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 27 2002 DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 2002 CITY ENGINEER	LAST DESIGN UPDATE		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	12	18

APPROVED OCT - 9 2002 DESIGN REVIEW COMMITTEE

APPROVED FEB 27 2002 DESIGN REVIEW COMMITTEE

USERNAME: CDP4:[C95335A2405.PNP]ANIMAS-ARK.GRF



NOTE: F# = FUTURE LOTS

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (NO RISER)
5	3+94.03, 10.00' RT	DOUBLE	3+65.73, CENTERLINE	33.00'	5245.45
6			4+22.55, CENTERLINE	33.00'	5246.13
7	5+08.32, 10.00' RT	DOUBLE	4+79.69, CENTERLINE	33.00'	5246.81
8			5+36.83, CENTERLINE	33.00'	5247.49
9	6+22.61, 10.00' RT	DOUBLE	5+94.09, CENTERLINE	33.00'	5248.03
10			6+51.24, CENTERLINE	33.00'	5248.60
11	7+36.89, 10.00' RT	DOUBLE	7+08.53, CENTERLINE	33.00'	5249.17
12			7+65.52, CENTERLINE	33.00'	5249.74
13	7+95.00, 10.00' RT	SINGLE	8+22.67, CENTERLINE	33.00'	5250.31
F1			8+79.43, CENTERLINE	33.00'	5250.94
F2	9+10.00, 10.00' LT	DOUBLE	9+37.85, CENTERLINE	33.00'	5251.47
F3			9+95.73, CENTERLINE	33.00'	5252.10
F4	10+25.00, 10.00' LT	DOUBLE	10+53.66, CENTERLINE	33.00'	5252.68

NOTE:
6" ZONE 3W WATERLINE SHALL BE INSTALLED WITH THIS PROJECT. LINE SHALL BE PRESSURE TESTED AND CAPPED ON BOTH ENDS. WHEN FUTURE DEVELOPMENT OCCURS THIS LINE SHALL BE CONNECTED TO IN ORDER TO SERVE FUTURE LOTS F1-F5.

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	7+15.50	49°04'29.2"	414.06'	776.86'	907.00'

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	4+39.29	17°28'24.2"	137.85'	273.56'	897.00'
C4	7+13.59	17°33'56.2"	138.59'	275.00'	897.00'
C5	9+87.60	17°26'33.6"	137.60'	273.08'	897.00'

NOTE: F# = FUTURE LOTS

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (NO RISERS)
14	9+72.20 10.00' RT	DOUBLE	10+06.23, CENTERLINE	33.00'	5252.21
15			9+36.98, CENTERLINE	33.00'	5251.51
16	8+31.32 10.00' RT	DOUBLE	8+66.54, CENTERLINE	33.00'	5250.81
17			7+96.10, CENTERLINE	33.00'	5250.05
18	6+90.44 10.00' RT	DOUBLE	7+25.66, CENTERLINE	33.00'	5249.34
19			6+55.22, CENTERLINE	33.00'	5248.64
20	5+49.56 10.00' RT	DOUBLE	5+84.78, CENTERLINE	33.00'	5247.93
21			5+14.34, CENTERLINE	33.00'	5247.22
22	4+08.69 10.00' RT	DOUBLE	4+43.74, CENTERLINE	33.00'	5246.38
23			3+73.76, CENTERLINE	33.00'	5245.55
F5	11+12.00 10.00' LT	DOUBLE	10+77.54, CENTERLINE	33.00'	5252.92
F6	———	——	11+07.00, CENTERLINE	50.00'	5252.50

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.
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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'
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GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:
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5. ALL CAPS SHALL UTILIZE PCC BLOCKING

NO.	DATE	REMARKS	BY
		REVISIONS	

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

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE
WORK STAKED BY ALS DATE 4/13
INSPECTOR'S ACCEPTANCE BY SBC DATE 4/13
FIELD VERIFICATION BY COA DATE
DRAWINGS CORRECTED BY AS DATE 11
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
ACS ALUMINUM TABLET STAMPED "6H-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 = 0.9996;105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
BRUCE J. STODDARD NEW MEXICO 14827 REGISTERED PROFESSIONAL ENGINEER 9/2/02
STATE OF NEW MEXICO REGISTERED

8/1/02

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 I
UTILITY PLAN & PROFILE
ANIMAS PLACE FROM STA. 3+01.44 TO 11+48.08

DESIGN REVIEW COMMITTEE: APPROVED APR - 1 2002 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED MAY - 8 2002 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	13	18

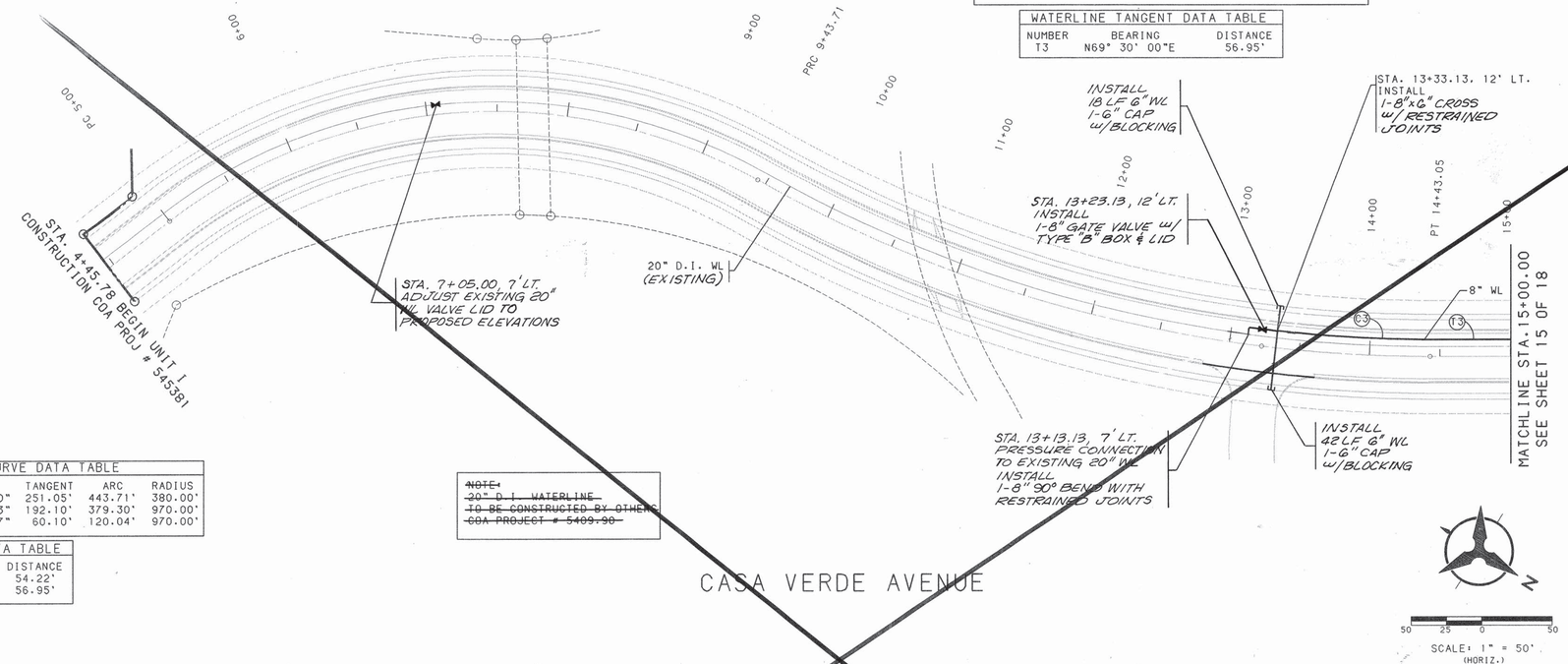
SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

BHI JOB NO. C95335A2405

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

WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	13+87.47	6°29'32.6"	54.33'	108.55'	958.00'

WATERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T3	N69° 30' 00"E	56.95'

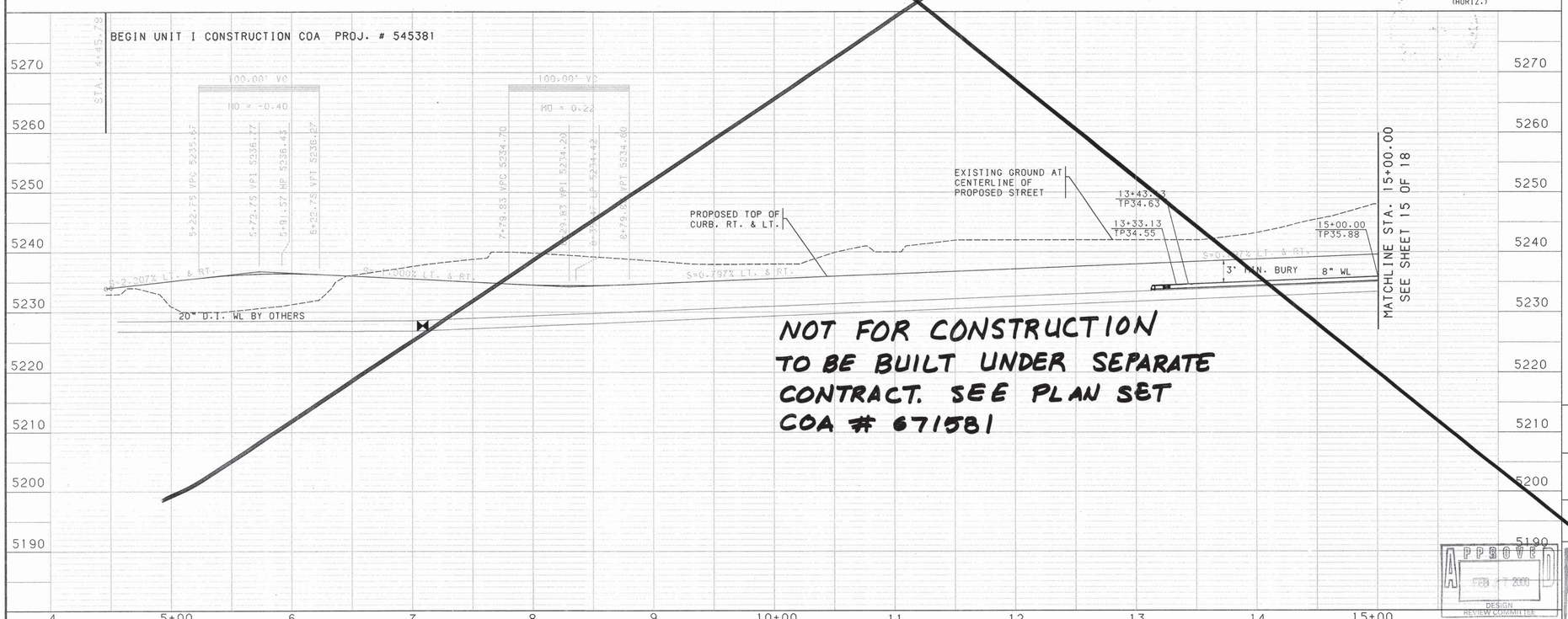


SCANNED BY MESA REPRO

CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	7+51.05	66°54'08.0"	251.05'	443.71'	380.00'
C2	11+35.81	22°24'15.3"	192.10'	379.30'	970.00'
C3	13+83.1	7° 5'25.7"	60.10'	120.04'	970.00'

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	N69° 30' 00"E	54.22'
T2	S32° 05' 33"W	56.95'

~~NOTE:~~
~~20" D.I. WATERLINE TO BE CONSTRUCTED BY OTHERS COA PROJECT # 5409.90~~



NOT FOR CONSTRUCTION
TO BE BUILT UNDER SEPARATE
CONTRACT. SEE PLAN SET
COA # 671581

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

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BRUCE J. STIDHOUSE NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER

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'
BIRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

NOTE:
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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 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 = 0.99967105
D = 00° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO VINCENT M. GALLEGOS 6857 REGISTERED
8/6/96

NO.	DATE	REMARKS	BY
		Bruce Not Resid Per COA 671581	DLM
		REVISIONS	

DESIGN		
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

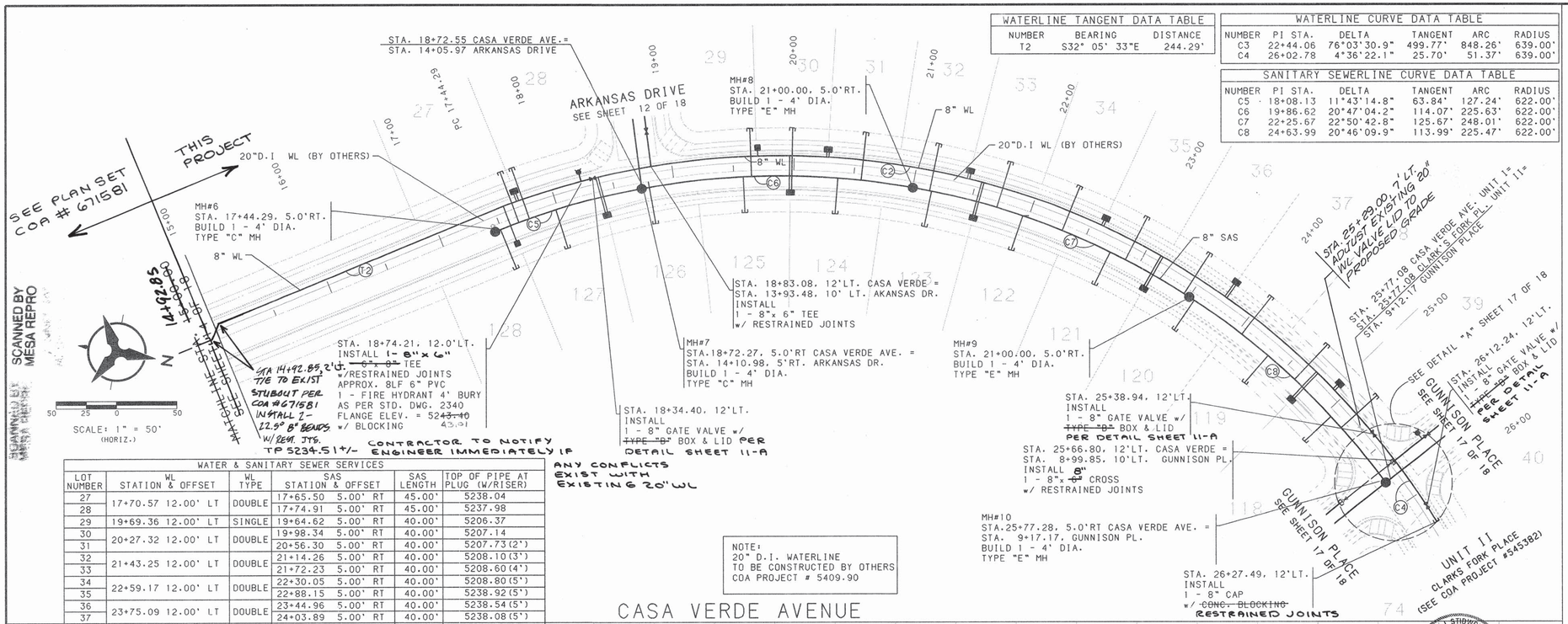
THE CROSSING SUBDIVISION UNIT I
UTILITY PLAN & PROFILE
CASA VERDE AVENUE FROM STA. 4+45.78 TO 15+00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB - 7 2000 DESIGN REVIEW COMMITTEE	APPROVED AUG - 8 2002 CITY ENGINEER	LAST DESIGN UPDATE	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	14	18

USERNAME: CDP4:EC95335A2405.PNP:VERDE-I.GRF

BHI JOB NO. C95335A2405



WATERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T2	S32° 05' 33"E	244.29'

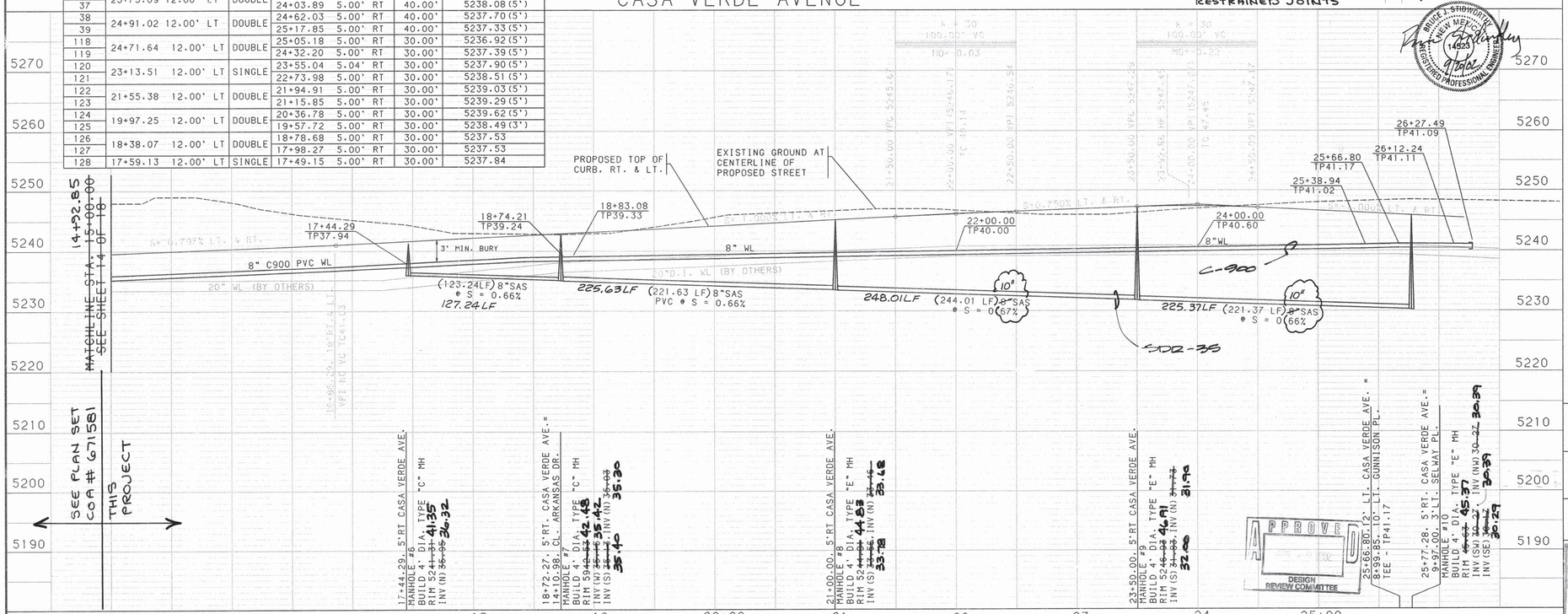
WATERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C3	22+44.06	76°03'30.9"	499.77'	848.26'	639.00'
C4	26+02.78	4°36'22.1"	25.70'	51.37'	639.00'

SANITARY SEWERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C5	18+08.13	11°43'14.8"	63.84'	127.24'	622.00'
C6	19+86.62	20°47'04.2"	114.07'	225.63'	622.00'
C7	22+25.67	22°50'42.8"	125.67'	248.01'	622.00'
C8	24+63.99	20°46'09.9"	113.99'	225.47'	622.00'

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET		SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
27	17+70.57 12.00' LT	DOUBLE	17+65.50	5.00' RT	45.00'	5238.04
28			17+74.91	5.00' RT	45.00'	5237.98
29	19+69.36 12.00' LT	SINGLE	19+64.62	5.00' RT	40.00'	5206.37
30	20+27.32 12.00' LT	DOUBLE	19+98.34	5.00' RT	40.00'	5207.14
31			20+56.30	5.00' RT	40.00'	5207.73(2')
32	21+43.25 12.00' LT	DOUBLE	21+14.26	5.00' RT	40.00'	5208.10(3')
33			21+72.23	5.00' RT	40.00'	5208.60(4')
34	22+59.17 12.00' LT	DOUBLE	22+30.05	5.00' RT	40.00'	5208.80(5')
35			22+88.15	5.00' RT	40.00'	5238.92(5')
36	23+75.09 12.00' LT	DOUBLE	23+44.96	5.00' RT	40.00'	5238.54(5')
37			24+03.89	5.00' RT	40.00'	5238.08(5')
38	24+91.02 12.00' LT	DOUBLE	24+62.03	5.00' RT	40.00'	5237.70(5')
39			25+17.85	5.00' RT	40.00'	5237.33(5')
118	24+71.64 12.00' LT	DOUBLE	25+05.18	5.00' RT	30.00'	5236.92(5')
119			24+32.20	5.00' RT	30.00'	5237.39(5')
120	23+13.51 12.00' LT	SINGLE	23+55.04	5.04' RT	30.00'	5237.90(5')
121			22+73.98	5.00' RT	30.00'	5238.51(5')
122	21+55.38 12.00' LT	DOUBLE	21+94.91	5.00' RT	30.00'	5239.03(5')
123			21+15.85	5.00' RT	30.00'	5239.29(5')
124	19+97.25 12.00' LT	DOUBLE	20+36.78	5.00' RT	30.00'	5239.62(5')
125			19+57.72	5.00' RT	30.00'	5238.49(3')
126	18+38.07 12.00' LT	DOUBLE	18+78.68	5.00' RT	30.00'	5237.53
127			17+98.27	5.00' RT	30.00'	5237.53
128	17+59.13 12.00' LT	SINGLE	17+49.15	5.00' RT	30.00'	5237.84

NOTE:
20" D.I. WATERLINE
TO BE CONSTRUCTED BY OTHERS
COA PROJECT # 5409.90

CASA VERDE AVENUE



BHI JOB NO. C95335A2405

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.
13. CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE COVERS AND VALVE COVERS TO PROPOSED GRADE.

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 SUNDANCE
WORK STAKED BY ALS 7/03
INSPECTOR'S ACCEPTANCE BY ALS 8/06 DATE "
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY ALS DATE "
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 = 001° 16' 59"
NGVD 1929 ELEVATION = 5305.43

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
BRUCE J. SHOWOLTER NEW MEXICO 14923 REGISTERED PROFESSIONAL ENGINEER
8/16/06

NO.	DATE	REMARKS	BY
	8/16/06	New Tie Per COA 671581	DLM

REVISIONS

DESIGN
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 I
UTILITY PLAN & PROFILE
CASA VERDE AVENUE FROM STA. ~~15+00~~ 14+92.85 TO 25+77.08

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED DESIGN REVIEW COMMITTEE	APPROVED AUG - 8 2002 CITY ENGINEER		10-26-00	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9, J-9	15	18

APPROVED FEB 27 2003 DESIGN REVIEW COMMITTEE HAB

USERNAME: CDP4:CC95335A2405.PNPJVERDE-11.GRF

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	2+09.52	28°39'48.9"	72.81'	142.58'	285.00'
C3	3+71.49	28°58'34.5"	95.35'	186.61'	369.00'

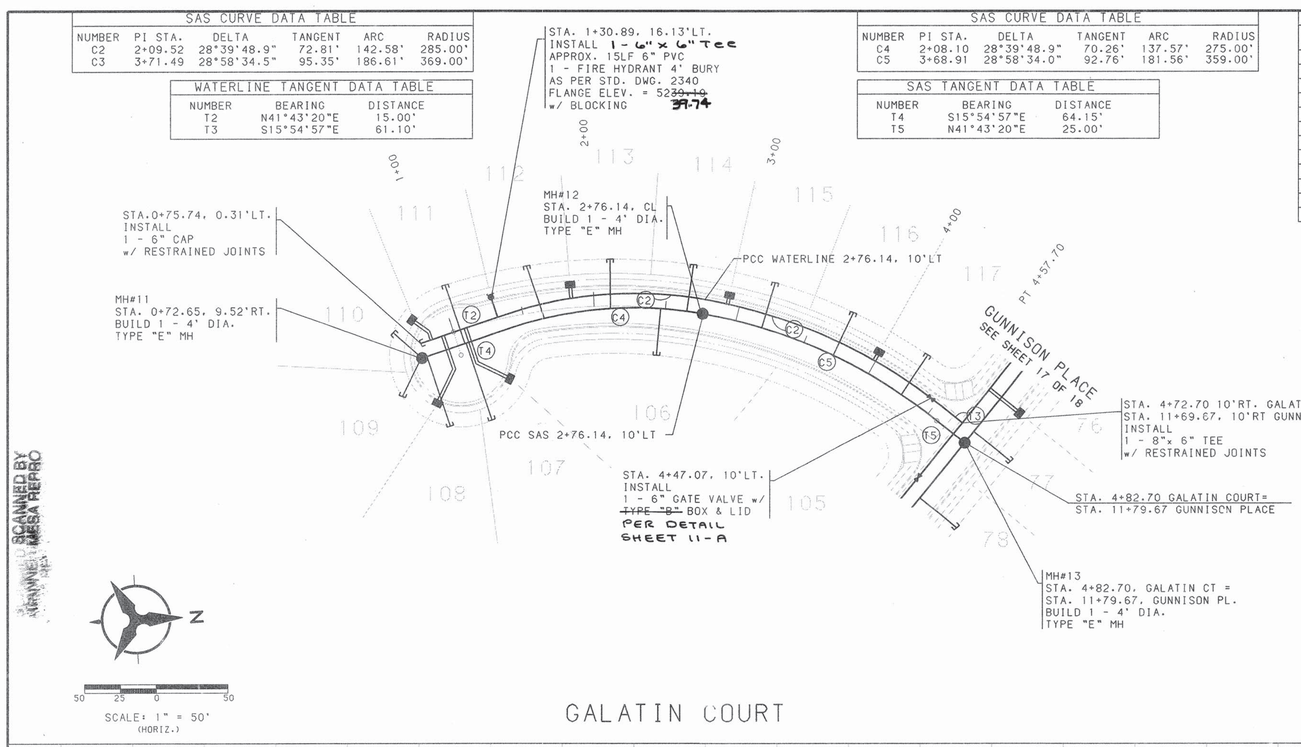
WATERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T2	N41°43'20"E	15.00'
T3	S15°54'57"E	61.10'

SAS CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C4	2+08.10	28°39'48.9"	70.26'	137.57'	275.00'
C5	3+68.91	28°58'34.0"	92.76'	181.56'	359.00'

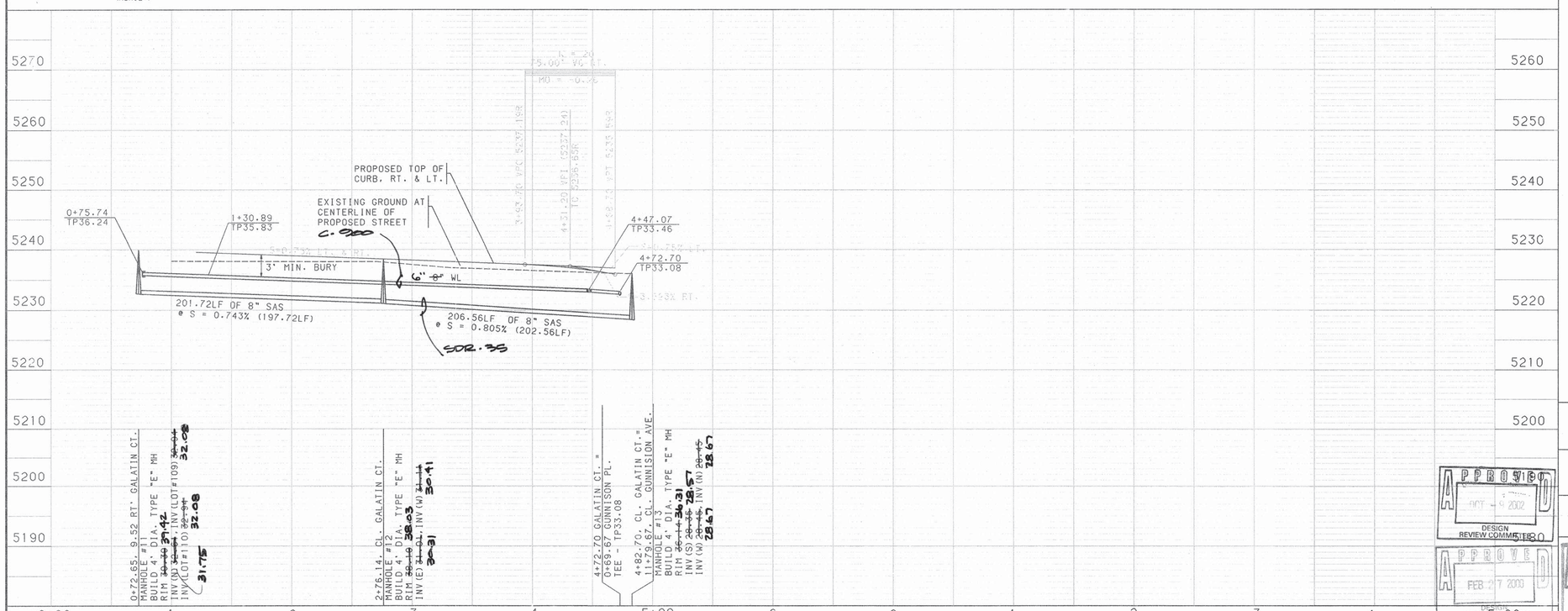
SAS TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T4	S15°54'57"E	64.15'
T5	N41°43'20"E	25.00'

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT NO RISERS
106	1+08.68 0.09' RT	DOUBLE	2+46.59 0.37' RT	32.63'	5234.44
107			1+06.03 10.17' RT	56.37'	5234.55
108	0+92.07 0.27' RT	DOUBLE	0+76.30 9.74' RT	51.13'	5235.21
109**			N60°23'22"E @ MH	29.30'	5234.80
110**	0+83.45 0.00' LT	DOUBLE	N43°58'18"E @ MH	26.88'	5234.84
111			1+05.02 10.20' RT	43.21'	5234.07
112	1+84.74 6.51' LT	DOUBLE	1+64.39 5.24' RT	38.87'	5233.98
113			2+11.34, 1.78' RT.	34.78'	5233.66
114	2+91.78 10.00' LT	DOUBLE	2+64.97 0.05' RT	33.05'	5233.53
115			3+18.60 0.00' CL	33.00'	5233.01
116	3+99.05 10.00' LT	DOUBLE	3+72.23 0.00' CL	33.00'	5232.48
117			4+27.08 0.00' CL	33.00'	5231.94

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



GALATIN COURT



NOTES

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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. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER

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 SUNDANCE
WORK STAKED BY KLS DATE 3/93
FIELD VERIFICATION BY SGL DATE "
ACCEPTANCE BY COA DATE "
DRAWINGS CORRECTED BY AGS 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 NEW MEXICO No. 5134 REGISTERED
8/1/96

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

		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 I
UTILITY PLAN & PROFILE
GALATIN COURT

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL		MO./DAY/YR.	MO./DAY/YR.
APPROVED OCT - 9 2002 DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 2002 CITY ENGINEER	1 LST DESIGN UPDATE		
APPROVED FEB 27 2003 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	16	18

BHI JOB NO. C95335A2405

HAB

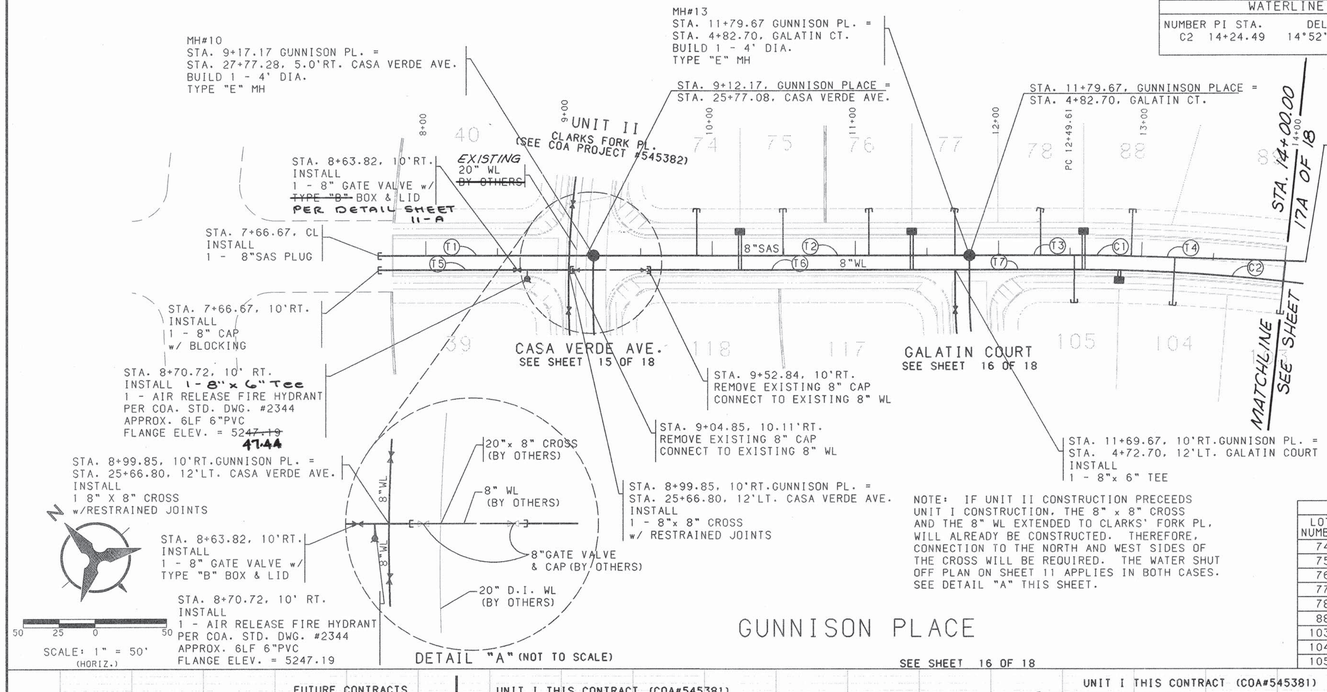
USERNAME: CDP4:[C95335A2405.PNPJ]GALATIN.GRF

SAS CURVE DATA TABLE				
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	12+71.73	1°52'39.0"	22.12'	44.24'	1350.01'

WATERLINE CURVE DATA TABLE				
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C2	14+24.49	14°52'16.2"	174.88'	164.17'	1340.00'

SAS TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	S48° 16' 34"E	149.71'
T2	S48° 16' 34"E	262.50'
T3	S48° 16' 34"E	69.94'
T4	S46° 23' 55"W	121.48'

WATERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T5	S48° 16' 34"E	132.63'
T6	S48° 16' 34"E	269.82'
T7	S48° 16' 34"E	79.94'

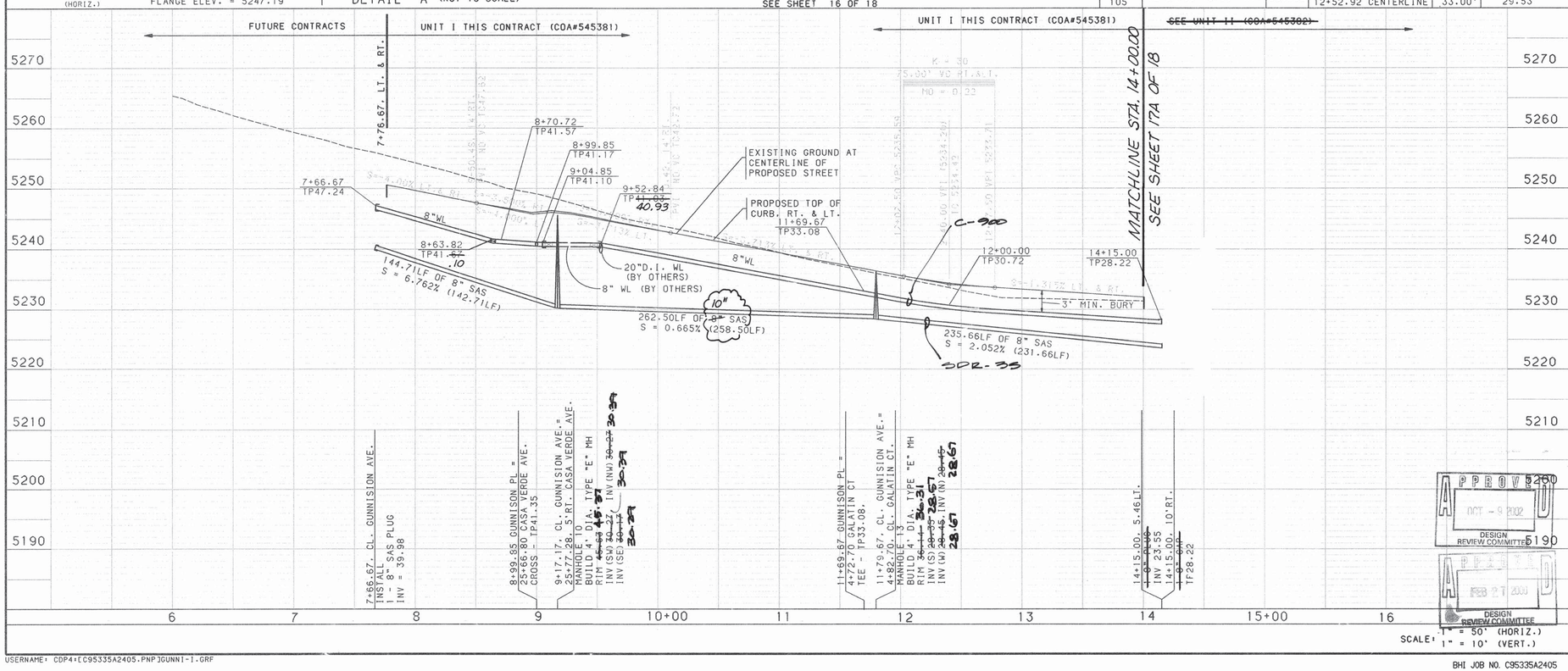


NOTE: IF UNIT II CONSTRUCTION PRECEEDS UNIT I CONSTRUCTION, THE 8" x 8" CROSS AND THE 8" WL EXTENDED TO CLARKS' FORK PL. WILL ALREADY BE CONSTRUCTED. THEREFORE, CONNECTION TO THE NORTH AND WEST SIDES OF THE CROSS WILL BE REQUIRED. THE WATER SHUT OFF PLAN ON SHEET 11 APPLIES IN BOTH CASES. SEE DETAIL "A" THIS SHEET.

GUNNISON PLACE

SEE SHEET 16 OF 18

WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG (W/RISER)
74	10+19.39 10.00' RT.	DOUBLE	9+89.13 CENTERLINE	33.00'	35.75(5')
75			10+49.39 CENTERLINE	33.00'	35.36(5')
76	11+39.39 10.00' RT.	DOUBLE	11+09.39 CENTERLINE	33.00'	34.27(4')
77			11+69.48 CENTERLINE	33.00'	31.16
78	12+59.47 10.00' RT.	DOUBLE	12+29.39 CENTERLINE	33.00'	30.02
88			12+92.73 CENTERLINE	33.00'	28.70
103	(SEE UNIT II COA #545383)		14+00.45, 4.22'LT	37.22'	27.27
104	12+84.63 10.00' RT.	DOUBLE	13+23.24 CENTERLINE	33.00'	28.07(2')
105			12+52.92 CENTERLINE	33.00'	29.53



NOTES

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RESTRAINED JOINT TABLE

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11.25° H BEND	2'	3'
22.50° H BEND	4'	5'
45° H BEND	8'	11'
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GATE VALVE	55'	72'
BTRFLY VALVE	---	---
REDUCER (8"x6")	30'	30'

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5. ALL CAPS SHALL UTILIZE PCC BLOCKING

AS-BUILT INFORMATION
CONTRACTOR 2/WDANCE DATE 7/03
WORK STAKED BY HJS
INSPECTOR'S ACCEPTANCE BY SAL DATE "
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY MLG 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 A. STIDHAM
NEW MEXICO
No. 5196
REGISTERED PROFESSIONAL ENGINEER
8/6/96

NO.	DATE	REMARKS
		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 I
UTILITY PLAN & PROFILE
GUNNISON PLACE FROM STA. 7+76.67 TO 14+00.00

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED OCT - 9 2002 DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 2002 CITY ENGINEER		10-26-00	
APPROVED FEB 27 2002 DESIGN REVIEW COMMITTEE				

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	17	18

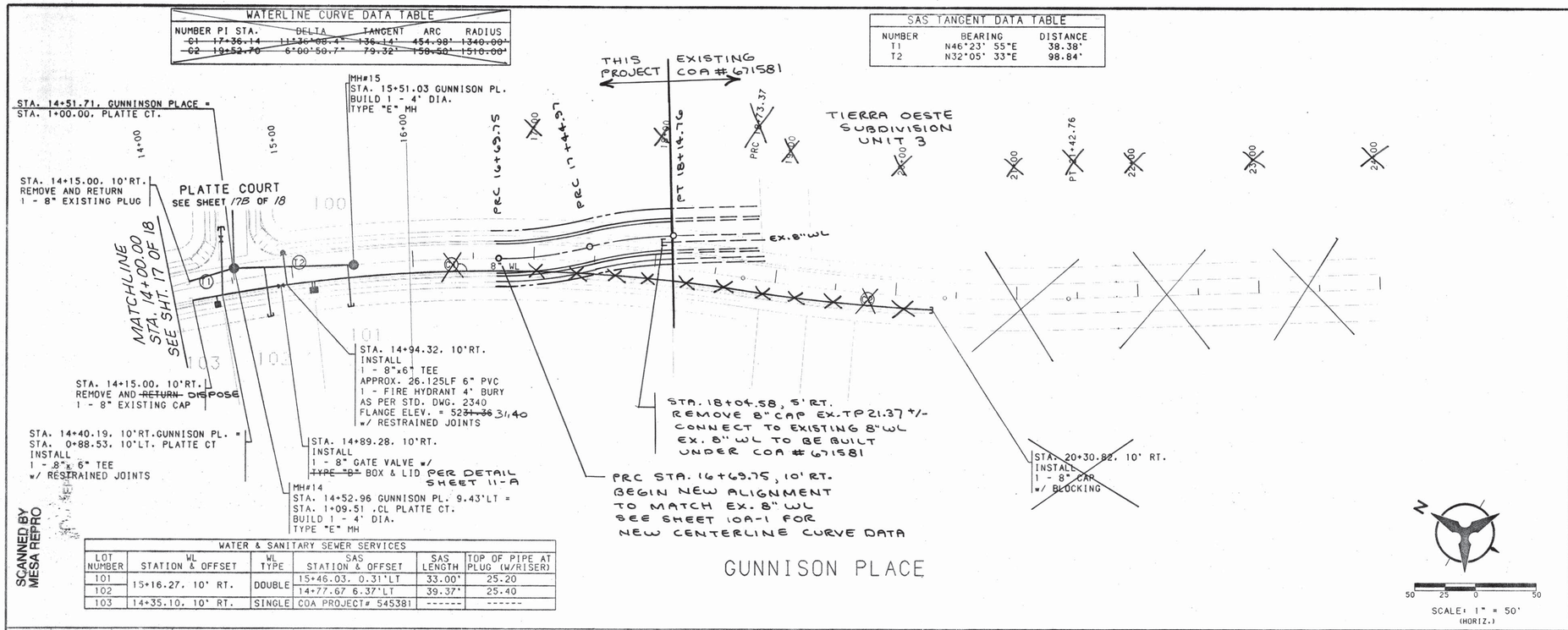
SCANNED BY MESA REPRO

USERNAME: CDP4:[C95335A2405.PNP]GUNNI-1.GRF

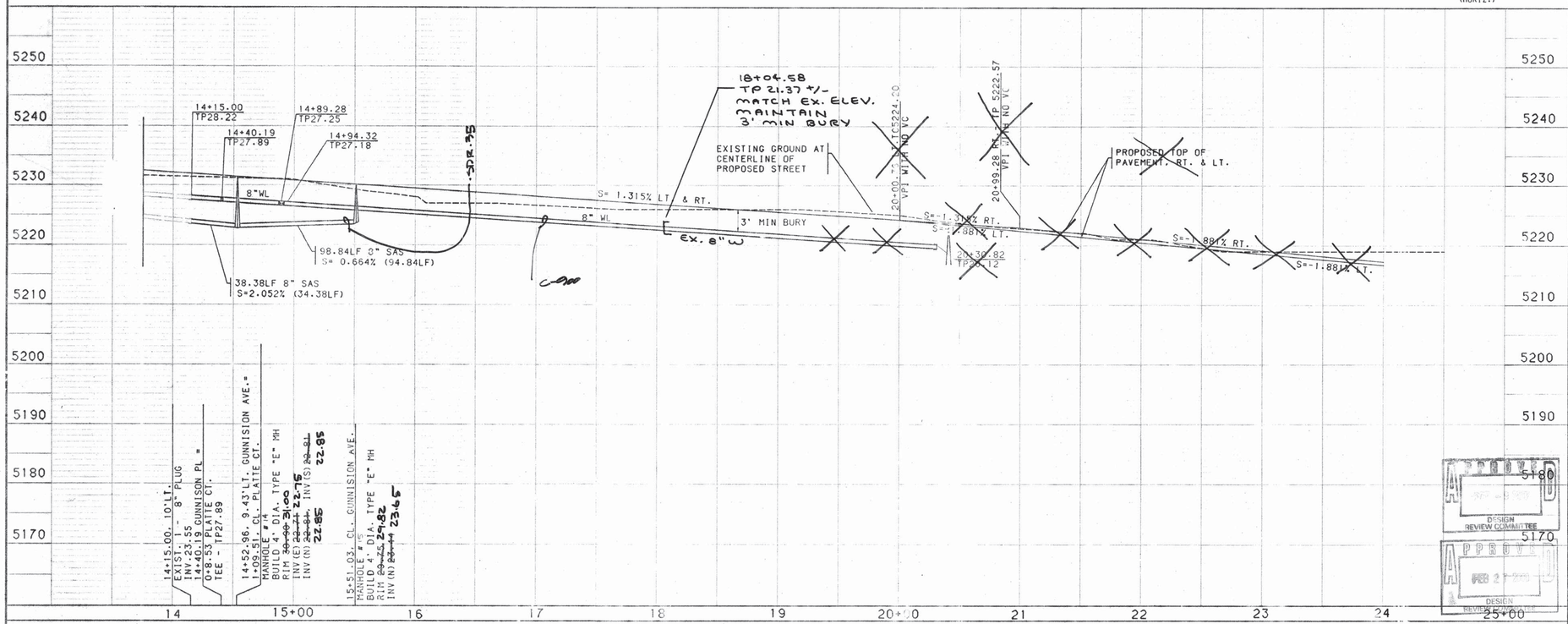
BHI JOB NO. C95335A2405

WATERLINE CURVE DATA TABLE				
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
~~C1~~	~~17+36.14~~	~~11°36'08.4"~~	~~136.12'~~	~~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	------	------



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BRUCE J. STIDWORTHY NEW MEXICO 14623 REGISTERED PROFESSIONAL ENGINEER

2/1/00
9/20/02

AS-BUILT INFORMATION

CONTRACTOR SUNDANCE
WORK STAKED BY ACS DATE 3/12
INSPECTOR'S ACCEPTANCE BY SEC DATE "
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY ACS 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

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
STATE OF NEW MEXICO BUDDIAL M. EMERY 6857 REGISTERED PROFESSIONAL ENGINEER
8/12/96

NO.	DATE	REMARKS	BY
	8/26/02	New Tie Per COA 671581	SAR

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

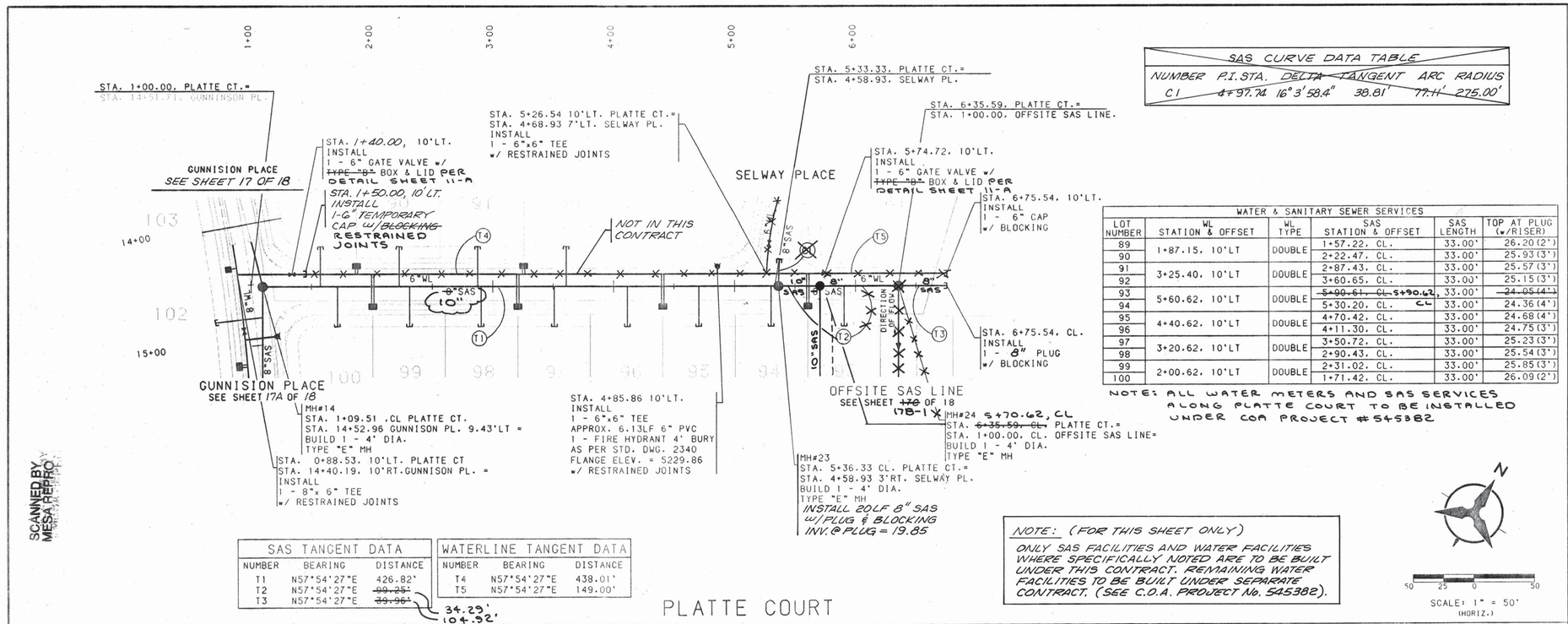
THE CROSSING SUBDIVISION UNIT I
UTILITY PLAN & PROFILE 18+04.58
GUNNISON PLACE FROM STA.14+00.00 TO ~~20+30.82~~

DESIGN REVIEW COMMITTEE — APPROVED NOV 1 1996
CITY ENGINEER APPROVAL — APPROVE NOV 8 1996 CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. 545381 | ZONE MAP NO. H-9, J-9 | SHEET 17A OF 18

USERNAME: CDP4:[C95335A2405.PNPJGUNNI-II.GRF

BHI JOB NO. C95335A2405



SAS CURVE DATA TABLE					
NUMBER	P.I. STA.	DELTA	TANGENT	ARC	RADIUS
C1	4+97.74	16°3'58.4"	38.81'	77.11'	225.00'

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'	~~24.05(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')

NOTE: ALL WATER METERS AND SAS SERVICES ALONG PLATTE COURT TO BE INSTALLED UNDER COA PROJECT #545382

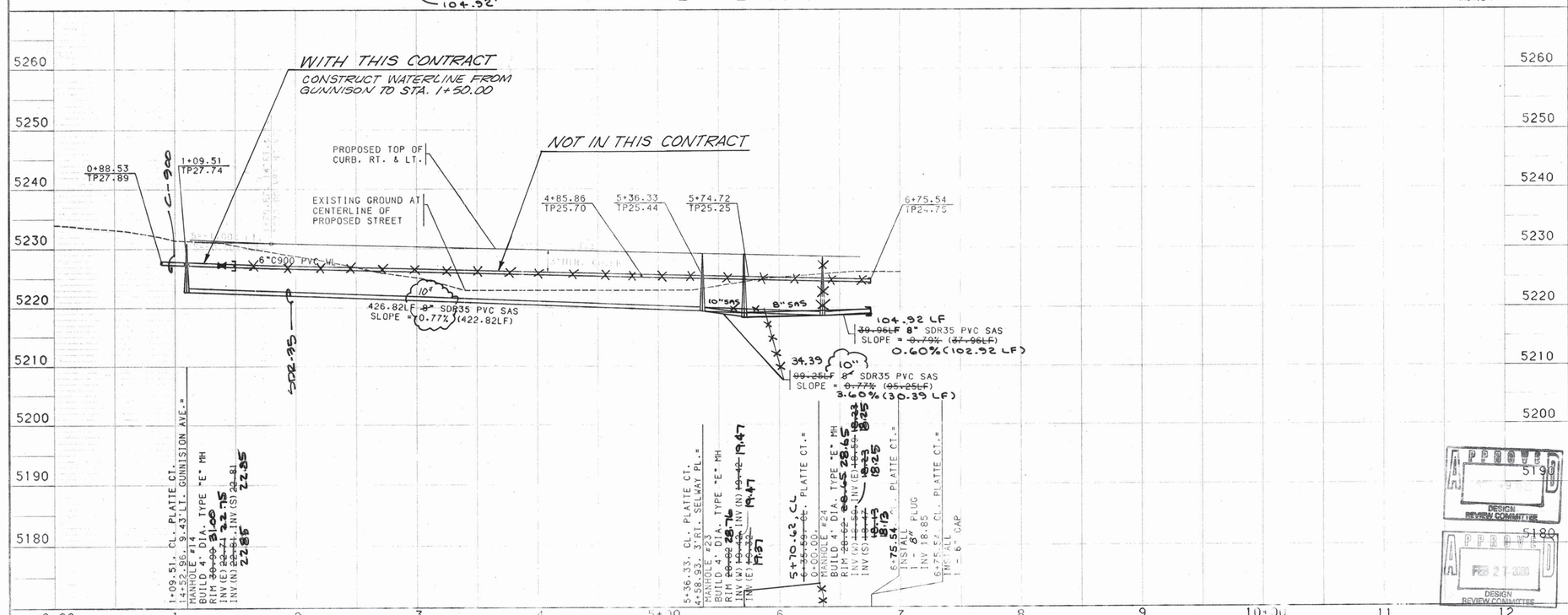
SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N57°54'27"E	426.82'
T2	N57°54'27"E	~~99.25'~~ 34.29'
T3	N57°54'27"E	~~39.96'~~ 104.92'

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

NOTE: (FOR THIS SHEET ONLY)
ONLY SAS FACILITIES AND WATER FACILITIES WHERE SPECIFICALLY NOTED ARE TO BE BUILT UNDER THIS CONTRACT. REMAINING WATER FACILITIES TO BE BUILT UNDER SEPARATE CONTRACT. (SEE C.O.A. PROJECT No. 545382).

SCALE: 1" = 50' (HORIZ.)

PLATTE COURT



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

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 L. STIDHAM NEW MEXICO 14823 REGISTERED PROFESSIONAL ENGINEER

9/21/00

RESTRAINED JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINT 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 SUNDANCE
WORK STAKED BY ALS DATE 7/15
INSPECTOR'S ACCEPTANCE BY SAC DATE 11
FIELD VERIFICATION BY COA DATE 11
DRAWINGS CORRECTED BY ALS DATE 11
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

SEAL SURVEY INFORMATION

ENGINEER'S SEAL
STATE OF NEW MEXICO
DONALD M. DRAKE
No. 9672
REGISTERED PROFESSIONAL ENGINEER
9/21/00

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.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

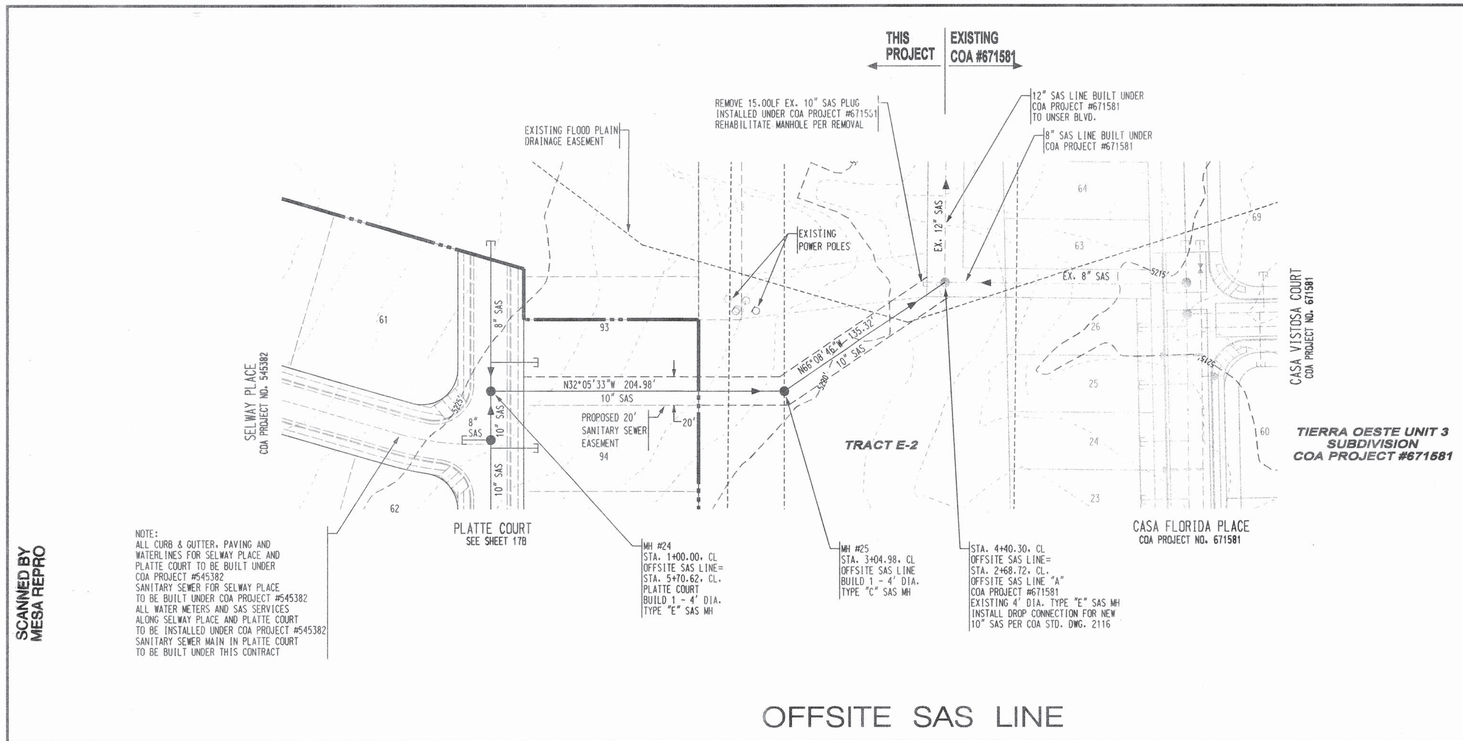
THE CROSSING SUBDIVISION UNIT I
UTILITY PLAN & PROFILE
PLATTE COURT

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 21 2000 DESIGN REVIEW COMMITTEE	APPROVED MAY - 8 2000 CITY ENGINEER		10-26-00	

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9.J-9	17B	18

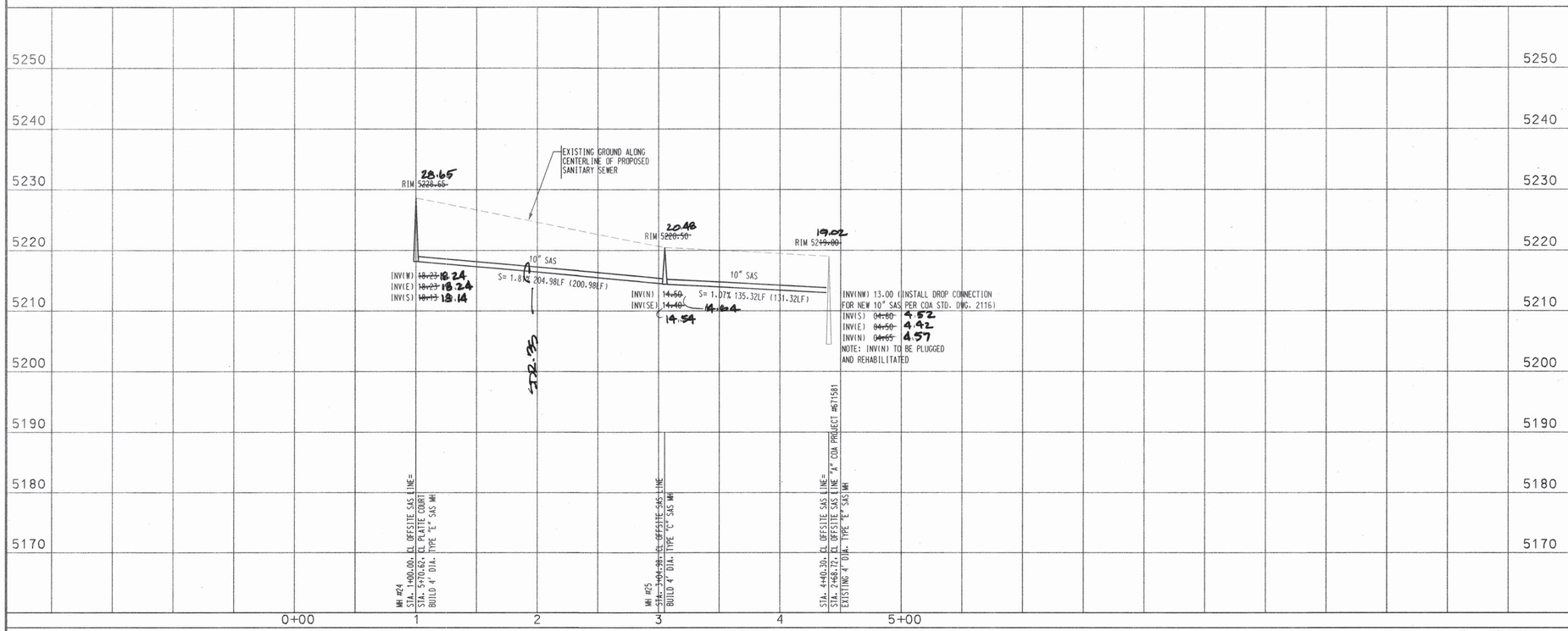
BHI JOB NO. C0C335A2440

USERNAME: COP4:CC95335A2405.PNPJPLATTE.GRF



SCALE: 1" = 50' (HORIZ.)

OFFSITE SAS LINE



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

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.
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 & 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.

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE DATE 9/9
WORK STAKED BY ALS
INSPECTOR ACCEPTANCE BY SSC DATE "
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY ALS DATE "
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 = 0.99967105
DELTA ALPHA = -00DEG 16 MIN 59 SEC
NGVD 1929 ELEVATION = 5305.43

SEAL SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
BRUCE J. STIDWORTHY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 9/20/02

NO.	DATE	REMARKS	BY
	9/19/02	Added Sheet Per Project Revisions SAR	

REVISIONS

		DATE
DESIGNED BY	YDP/BJS	DATE 09/2002
DRAWN BY	SAR	DATE 09/2002
CHECKED BY	BJS	DATE 09/2002

DESIGN

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

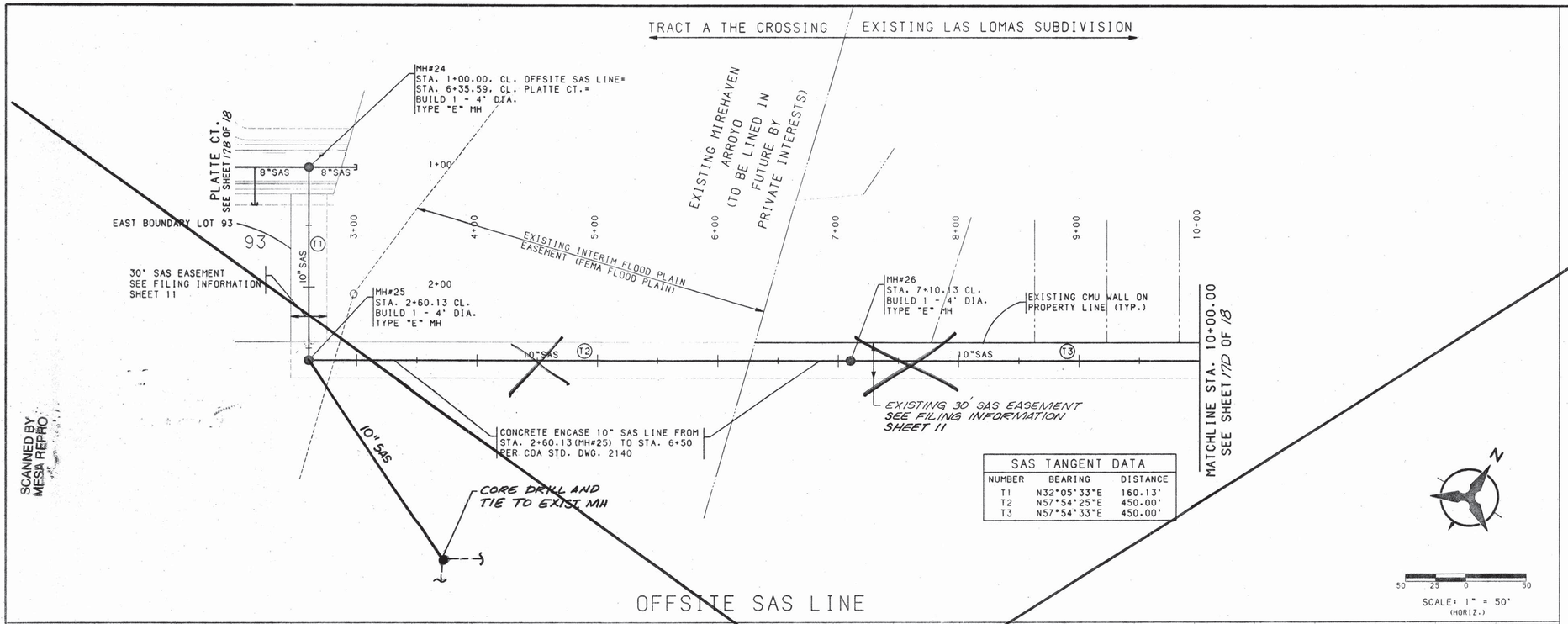
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

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

DESIGN REVIEW COMMITTEE: APPROVED OCT - 9 2002 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL: APPROVED NOV - 8 2002 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

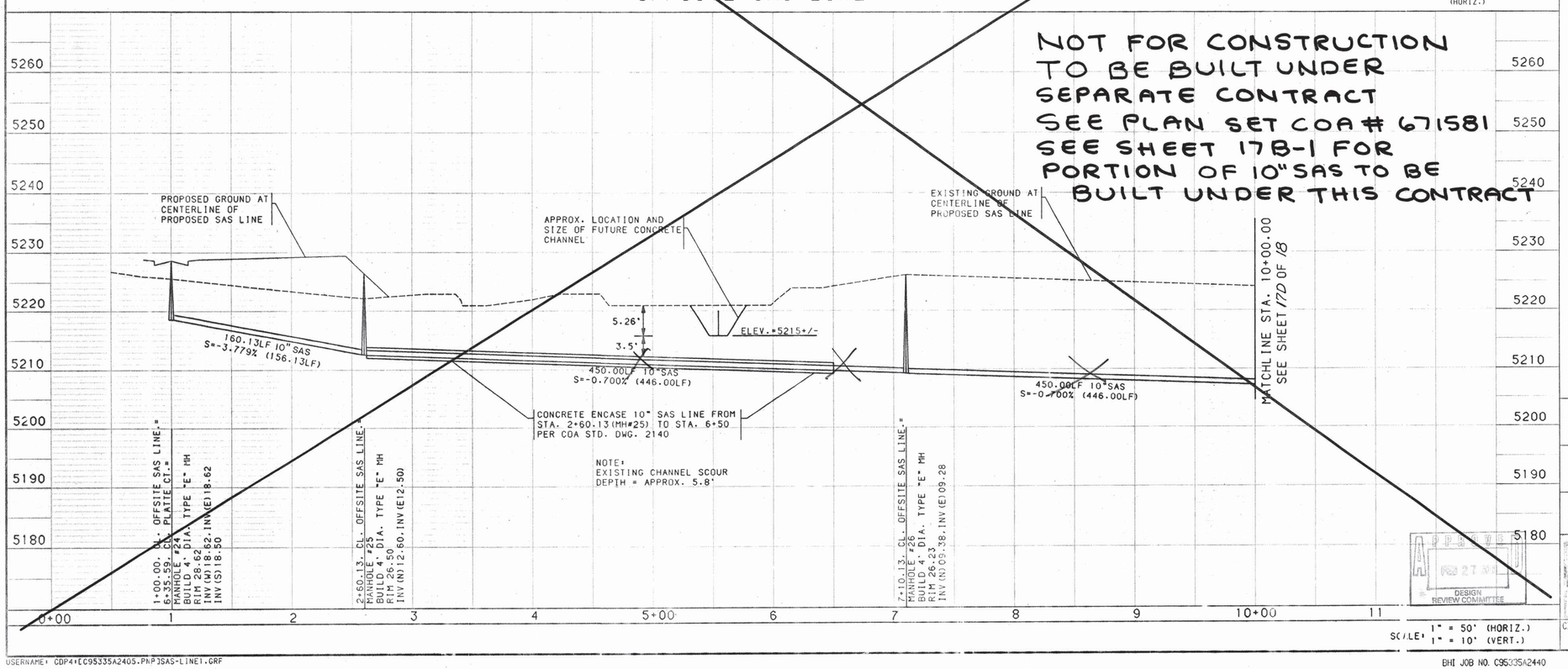
CITY PROJECT NO. 545381 | ZONE MAP NO. H9/J9 | SHEET 17B-1 OF 18

P:\020040\CDP\DESIGN\020040sas-crossings.dgn
BHI JOB NO. XXXXXX XX



SAS TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N32°05'33"E	160.13'
T2	N57°54'25"E	450.00'
T3	N57°54'33"E	450.00'

NOT FOR CONSTRUCTION
TO BE BUILT UNDER
SEPARATE CONTRACT
SEE PLAN SET COA # 671581
SEE SHEET 17B-1 FOR
PORTION OF 10" SAS TO BE
BUILT UNDER THIS CONTRACT



NOTES

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BRUCE J. STIDWORTHY NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14525

2/1/00
9/20/02

AS-BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE

BENCH MARKS	
ACS ALUMINUM TABLET STAMPED "BH-40"	MICRO-FILM INFORMATION
GEOGRAPHIC POSITION (NAD 1927)	RECORDED BY — DATE
N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 362,790.66 Y = 1,492,346.53	NO.
GROUND TO GRID FACTOR = 0.99967105	
D = 00° 16' 59"	
NGVD 1929 ELEVATION = 5305.43	

SEAL	SURVEY INFORMATION		FIELD NOTES	
	NO.	BY	DATE	

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

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

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

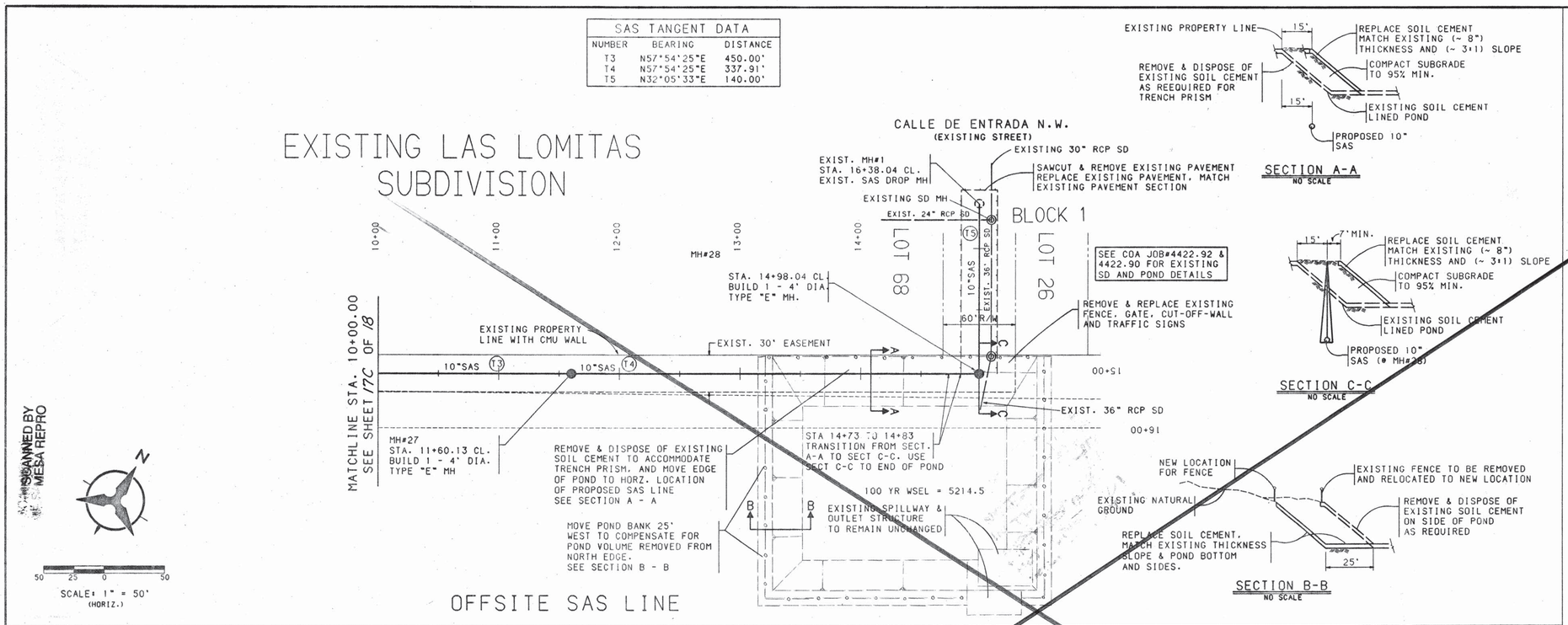
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED FEB 27 2002 DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 2002 CITY ENGINEER			

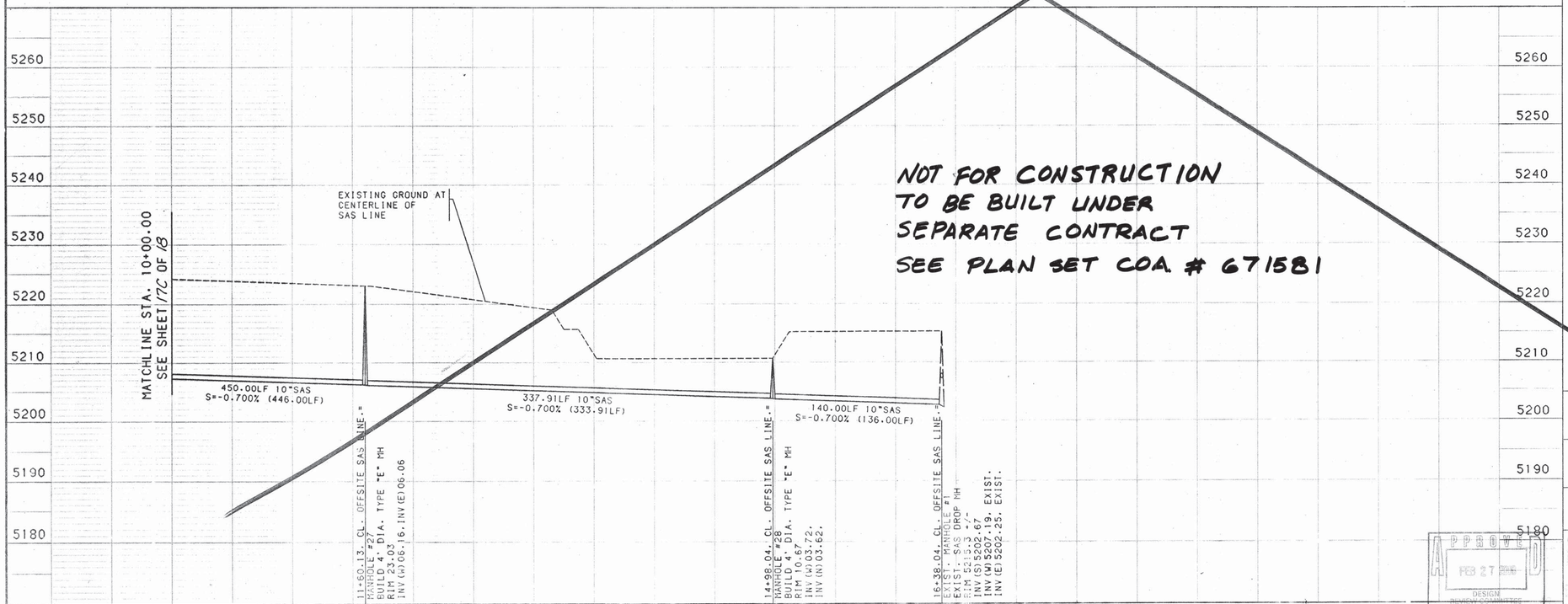
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H-9.J-9	17C	18

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

BHI JOB NO. C95335A2440

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
TO BE BUILT UNDER
SEPARATE CONTRACT
SEE PLAN SET COA # 671581

NOTES

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

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

BRUCE J. STIDWORTHY NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER

2/1/00
9/20/02

AS-BUILT INFORMATION
CONTRACTOR
WORK 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 = 0.99967105
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. EMERY No. 5194 REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
	8/96	Not Reqd. Per COA 671581	DLM

REVISIONS

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

BOHANNAN-HUSTON INC.
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ALBUQUERQUE LAS CRUCES SANTA FE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

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

DESIGN REVIEW COMMITTEE — APPROVED FEB 27 2002 DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — APPROVED NOV - 8 2002 CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

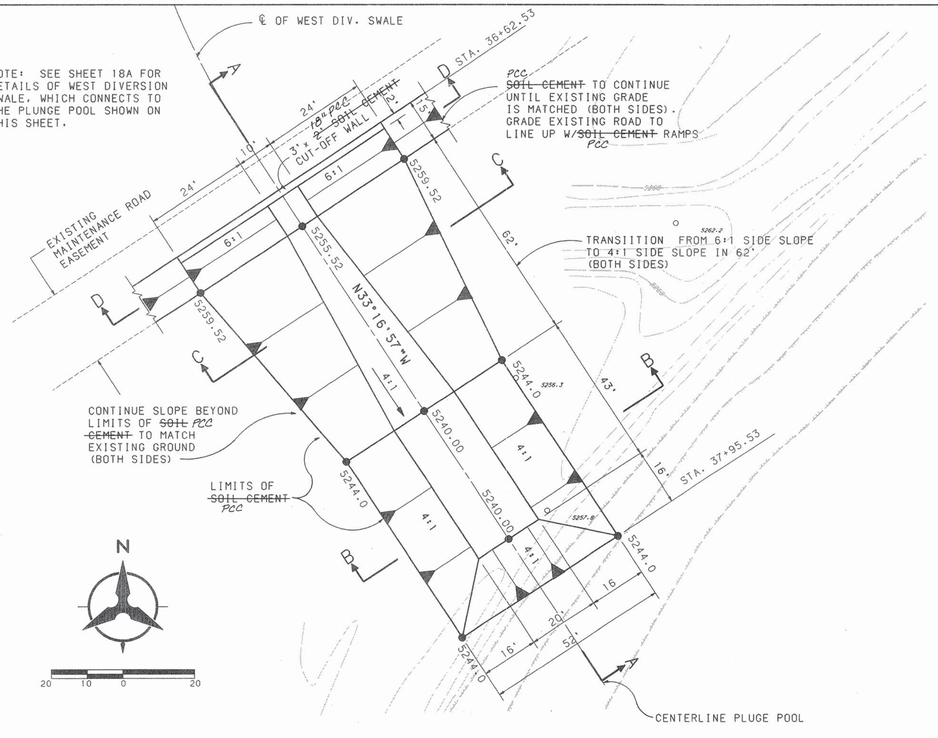
CITY PROJECT NO. 545381 | ZONE MAP NO. H-9.J-9 | SHEET 17D OF 18

BHI JOB NO. C95335A2440

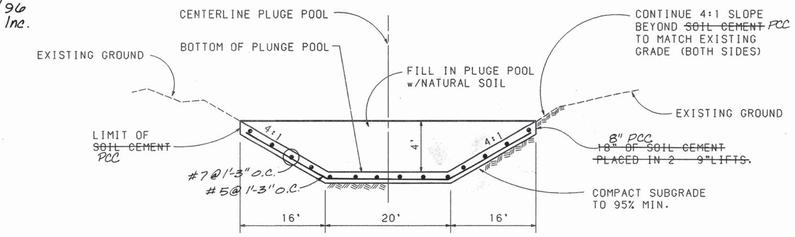
USERNAME: CDP4:[C95335A2405.PNP]SAS-LINE2.GRF

NOTE: SEE SHEET 18A FOR DETAILS OF WEST DIVERSION SWALE, WHICH CONNECTS TO THE PLUNGE POOL SHOWN ON THIS SHEET.

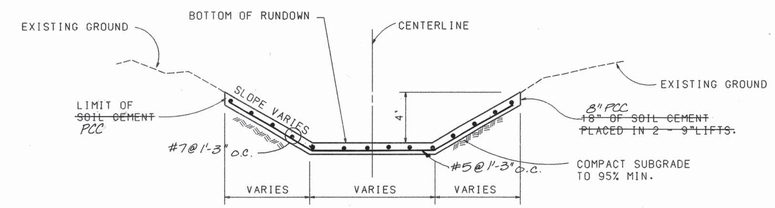
Design Q = 300 cfs.
See Addendum #1 Text Section D of the "Revised Drainage Report for the Crossing Unit 1 & 2" dated 10/96 prepared by Bohannan-Huston Inc.



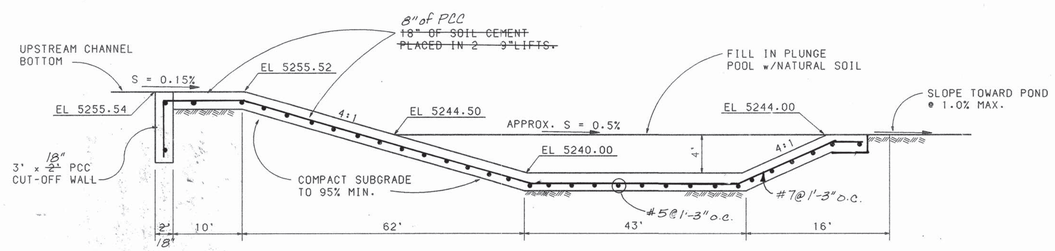
PLAN VIEW
SCALE : 1" = 20'



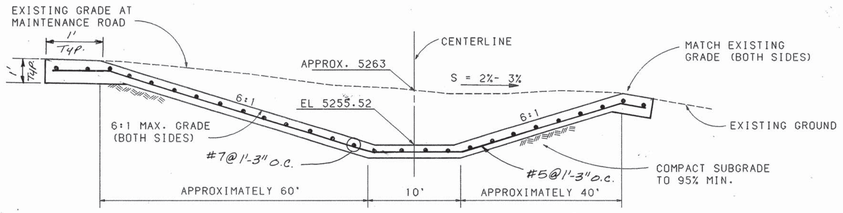
SECTION B-B
NO SCALE



SECTION C-C
NO SCALE



SECTION A-A
NO SCALE



SECTION D-D
NO SCALE

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

AS-BUILT INFORMATION
CONTRACTOR SUNDANCE DATE 8/96
STAKED BY ALS DATE 8/96
INSPECTOR'S ACCEPTANCE BY CDA DATE 8/96
VERIFICATION BY ALS DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO. NGVD 1929 ELEVATION = 5305.43

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"

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
BRUCE J. STIDHAM NEW MEXICO 14523 REGISTERED PROFESSIONAL ENGINEER
NEW MEXICO STATE PLANE GRID BASIS No. 519
STATE OF NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR
8/6/96

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
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 I
SOIL CEMENT PLUNGE POOL
PLUNGE POOL DETAIL SHEET

APPROVED OCT - 9 2002 DESIGN REVIEW COMMITTEE
APPROVED FEB 27 2000 DESIGN REVIEW COMMITTEE

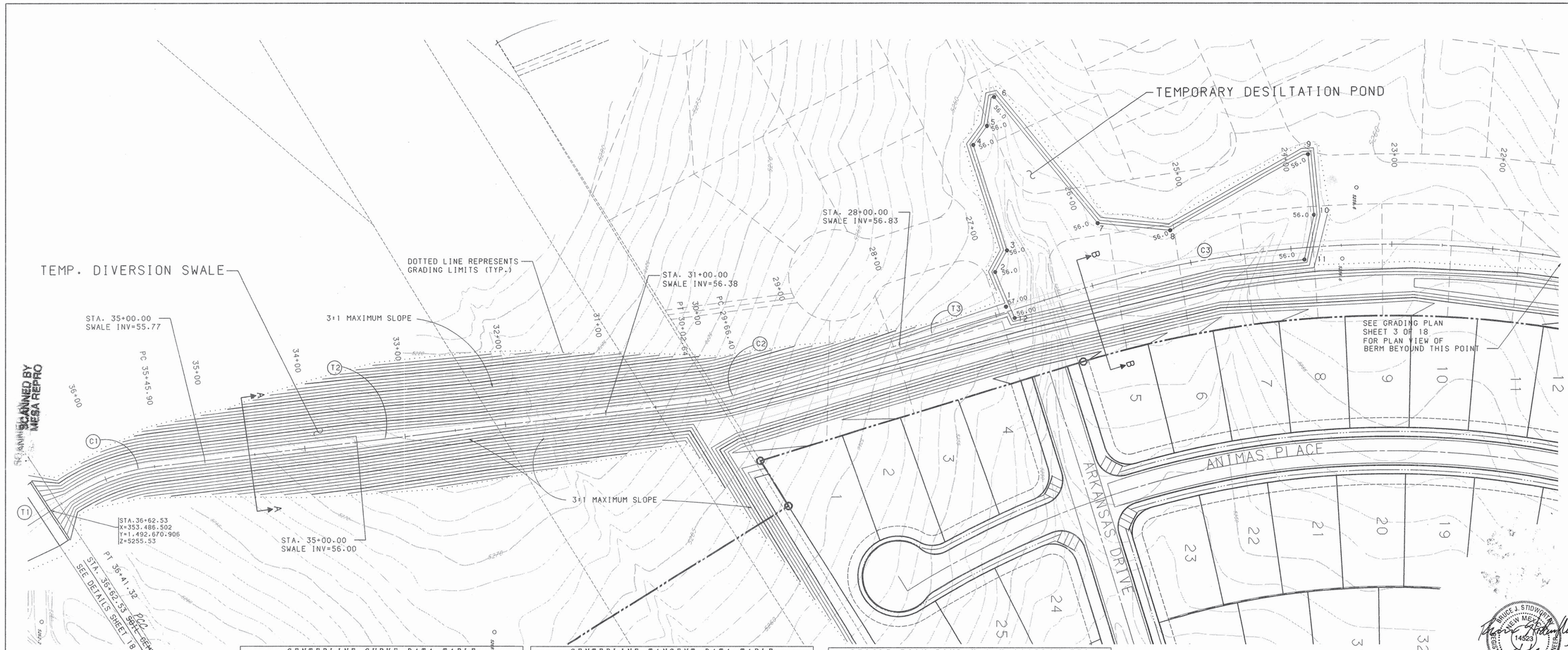
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVED DESIGN REVIEW COMMITTEE	APPROVED NOV - 8 2002 CITY ENGINEER			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
545381	H9, J9	18	18

HAB

BHI JOB NO. C95335A2405

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



CENTERLINE CURVE DATA TABLE					
NUMBER	PI STA.	DELTA	TANGENT	ARC	RADIUS
C1	35+95.95	26°28'38.2"	47.05'	92.42'	200.00'
C2	29+84.57	10°22'57.0"	18.17'	36.24'	200.00'
C3	23+86.30	25°54'34.3"	253.54'	498.42'	1102.19'

CENTERLINE TANGENT DATA TABLE		
NUMBER	BEARING	DISTANCE
T1	N33°16'57"W	133.00'
T2	S06°48'19"E	546.26'
T3	S17°11'16"W	335.22'

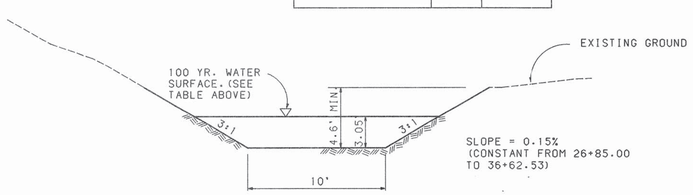
DESILTATION POND X & Y COORDINATES		
1	X=348.087.10	Y=1.491.852.14
2	X=353.250.24	Y=1.493.606.18
3	X=353.228.78	Y=1.493.617.88
4	X=353.124.38	Y=1.493.584.40
5	X=353.105.86	Y=1.493.597.97
6	X=353.077.36	Y=1.493.602.22
7	X=353.202.33	Y=1.493.707.68
8	X=353.209.25	Y=1.493.779.57
9	X=353.133.56	Y=1.493.915.96
10	X=353.194.18	Y=1.493.921.90
11	X=353.238.02	Y=1.493.912.47
12	X=353.295.52	Y=1.493.625.58

NOTES:

1 THE CONTRACTOR SHALL NOT GRADE OR DISTURB GROUND BEYOND GRADING LIMITS SHOWN.

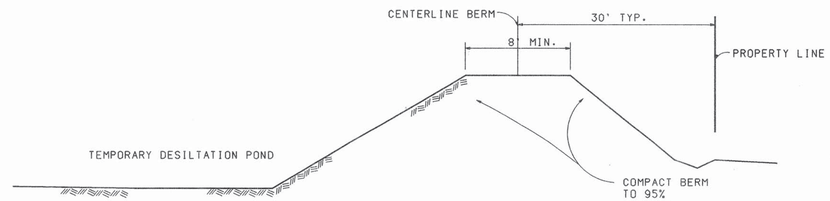
2 SWALE, BERM AND DESILTATION POND SHALL BE RESEEDED PER COA STD. SPECS. SECTION 1012. SEE NOTE 8 ON GRADING PLAN.

WATER SURFACE TABLE			
	Q=(cfs)	D	V=(fps)
100 YR.	178	3.05'	3.04'
10 YR.	40.9	1.43'	2.01'



TYPICAL SECTION A-A

NO SCALE



TYPICAL SECTION B-B

NO SCALE

SCALE: 1" = 50'

AS-BUILT INFORMATION
CONTRACTOR SUNCANCE
WORK INSPECTED BY AG DATE 3/13
INSPECTOR'S ACCEPTANCE BY SBC DATE "
FIELD VERIFICATION BY COA DATE "
DRAWINGS CORRECTED BY ALB DATE "
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
BRUCE J. STIDHAM NEW MEXICO 14533 REGISTERED PROFESSIONAL ENGINEER
8/1/96

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

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

APPROVED OCT - 6 2002 DESIGN REVIEW COMMITTEE
APPROVED FEB 27 2003 DESIGN REVIEW COMMITTEE

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 I
DETAILS
WEST DIVERSION SWALE

DESIGN REVIEW COMMITTEE: APPROVED
CITY ENGINEER APPROVAL: APPROVED NOV - 8 2002 CITY ENGINEER
LAST DESIGN UPDATE MO./DAY/YR. MO./DAY/YR.

CITY PROJECT NO. 545381 | ZONE MAP NO. H9, J9 | SHEET 18A OF 18

BHI JOB NO. C95335A2405

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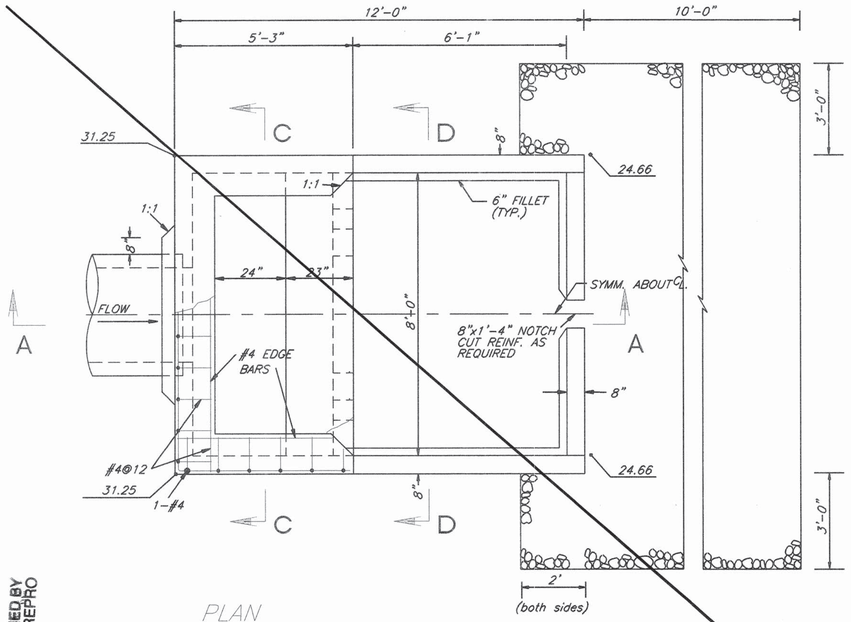
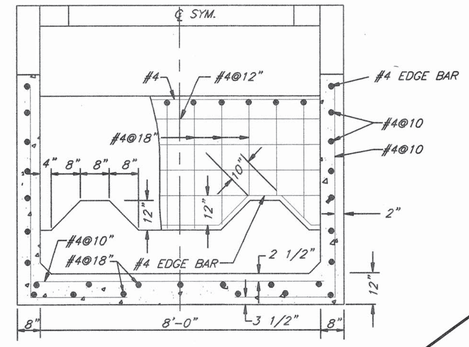
FILENAME: W-DIVRSN.GRF



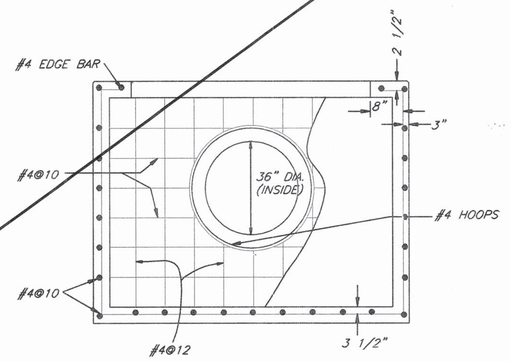
PLAN

NO SCALE



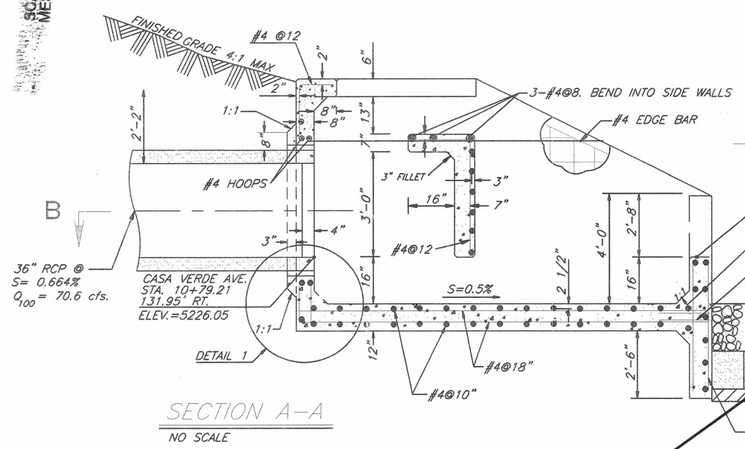
SECTION D-D

NO SCALE



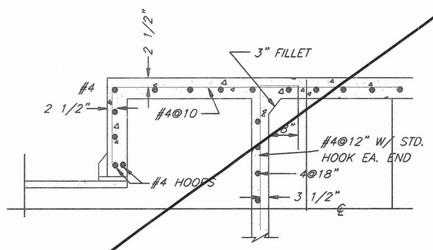
SECTION C-C

NO SCALE



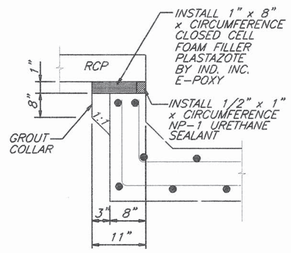
SECTION A-A

NO SCALE



SECTION B-B

NO SCALE



DETAIL "1"

NO SCALE

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. Live 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.

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

NOT FOR CONSTRUCTION
TO BE BUILT UNDER
SEPARATE CONTRACT
SEE PLAN SET
COA # 671581

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 PLACED 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.

NOTE: SEE SHEET 18C FOR HANDRAIL DETAIL

SCANNED BY MESA REPRO

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK SUPERVISED 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
STATE OF NEW MEXICO — MICHAEL W. SHERRY — No. 5194 — REGISTERED PROFESSIONAL ENGINEER
8/6/96

Bruce Not Reqd. Per COA 671581 SAR

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

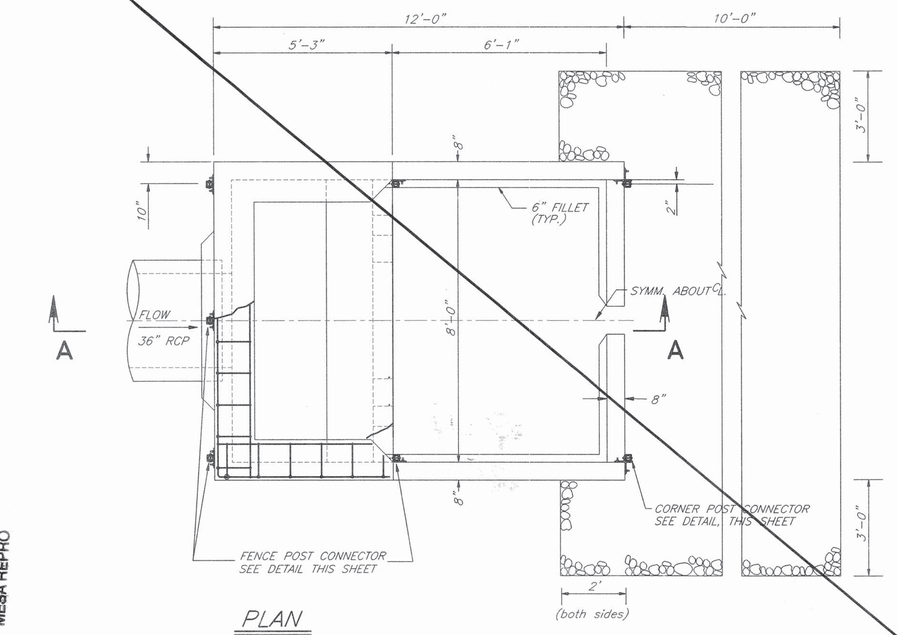
TITLE: THE CROSSING SUBDIVISION UNIT I
IMPACT BASIN DETAILS

DESIGN REVIEW COMMITTEE — APPROVED — FEB 27 2000 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — APPROVED — CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

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

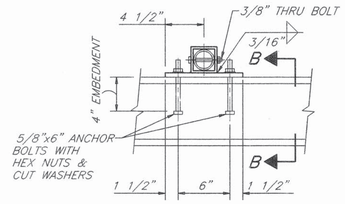
CITY PROJECT NO. 545381 — ZONE MAP NO. H-9, J-9 — SHEET 18B OF 18

BHI PROJ. NO. C95335A2440
FILENAME: CDP4:[C95335A2440.DWG]DISIPAT1.DWG
8/96



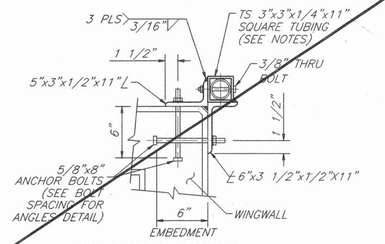
PLAN

NO SCALE



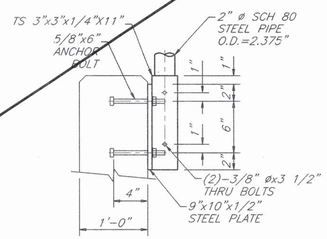
FENCE POST CONNECTOR DETAIL

NO SCALE



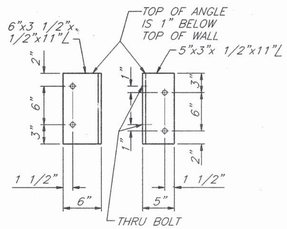
CORNER POST CONNECTOR DETAIL

NO SCALE



SECTION B-B

NO SCALE



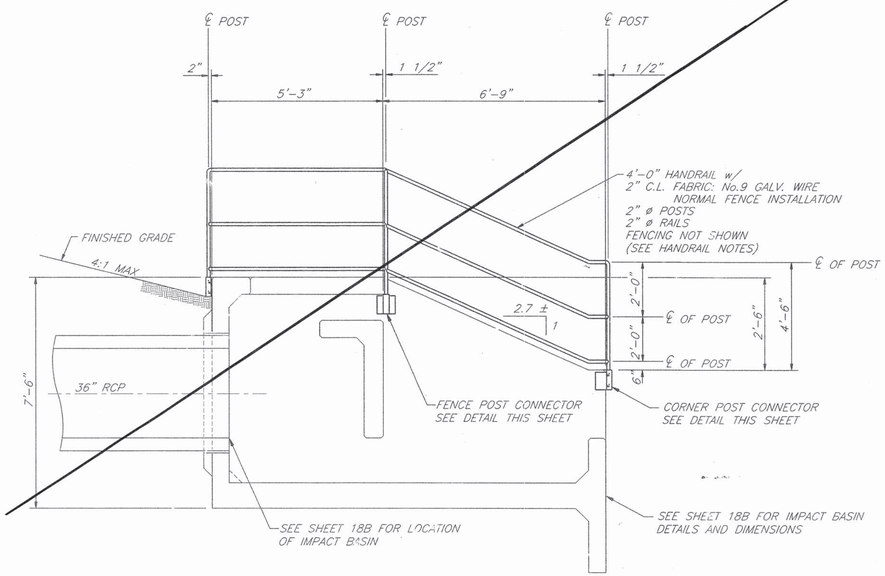
BOLT SPACING FOR ANGLES OF CORNER POST CONNECTOR

NO SCALE

GENERAL STRUCTURAL NOTES

NOT FOR CONSTUCTION
TO BE BUILT UNDER
SEPARATE CONTRACT

SEE PLAN SET
COA # 671581



SECTION A-A

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 linck fabric at 3 points along each frame member.
F. Paint all field welds with galvanizing coating.

AS-BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

SEAL

ENGINEER'S SEAL

BRUCE J. STIDWORTHY — NEW MEXICO — 14523 — REGISTERED PROFESSIONAL ENGINEER — 8/26/02

8/26/02 Not Rev'd. Per COA 671581 SAR

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 I
HANDRAIL DETAILS

DESIGN REVIEW COMMITTEE — APPROVED FEB 27 2000 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — APPROVED NOV - 8 2002 — CITY ENGINEER
LAST DESIGN UPDATE — MO./DAY/YR. — MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
5453?1	H-9, J-9	10C	18

SCANNED BY MESA REPRO

BHI PROJ. NO.C95335A2440
FILENAME: [DP2:]C95335A2404.DWG]DISIPAT2.DWG
8/96