

PLANS FOR CONSTRUCTION OF

# INFRASTRUCTURE IMPROVEMENTS

## HIGH POINT SUBDIVISION

### LOTS 1 – 9

APRIL 1993

BEI PROJECT NO.: 90452

INDEX TO DRAWINGS


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1	TITLE SHEET & VICINITY MAP
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4	GRADING AND DRAINAGE PLAN
5	PAVING PLAN & PROFILE
6	WATER, SEWER & STORM DRAIN P & P

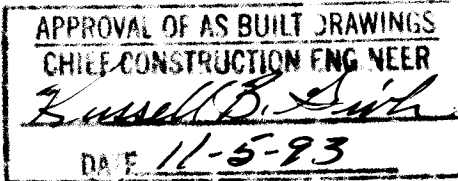
THESE DRAWINGS DO NOT INCLUDE NECESSARY  
COMPONENTS FOR THE CONSTRUCTION SAFETY WHICH  
SHALL REMAIN THE RESPONSIBILITY OF THE  
CONTRACTOR.

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS  
INSTRUMENT ARE OWNED BY AND THE PROPERTY OF BRASHER ENGINEERING, INC., AND  
WERE CREATED AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED  
PROJECT. THESE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL NOT BE USED BY ANY  
PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN  
CONSENT OF BRASHER ENGINEERING, INC.

CERTIFICATION:

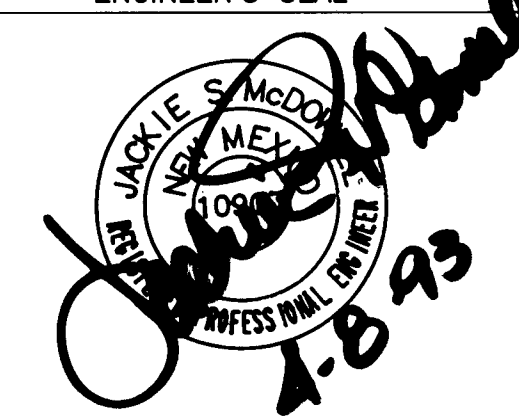
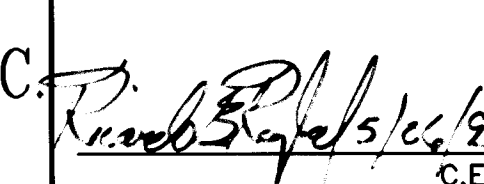
I, JACKIE S. MCDOWELL, REGISTERED  
PROFESSIONAL ENGINEER, NO. 10903  
HEREBY CERTIFY THAT THE FOLLOWING PLANS  
AND DESIGNS WERE MADE UNDER MY  
SUPERVISION AND DIRECTION AND THAT  
SAME IS TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

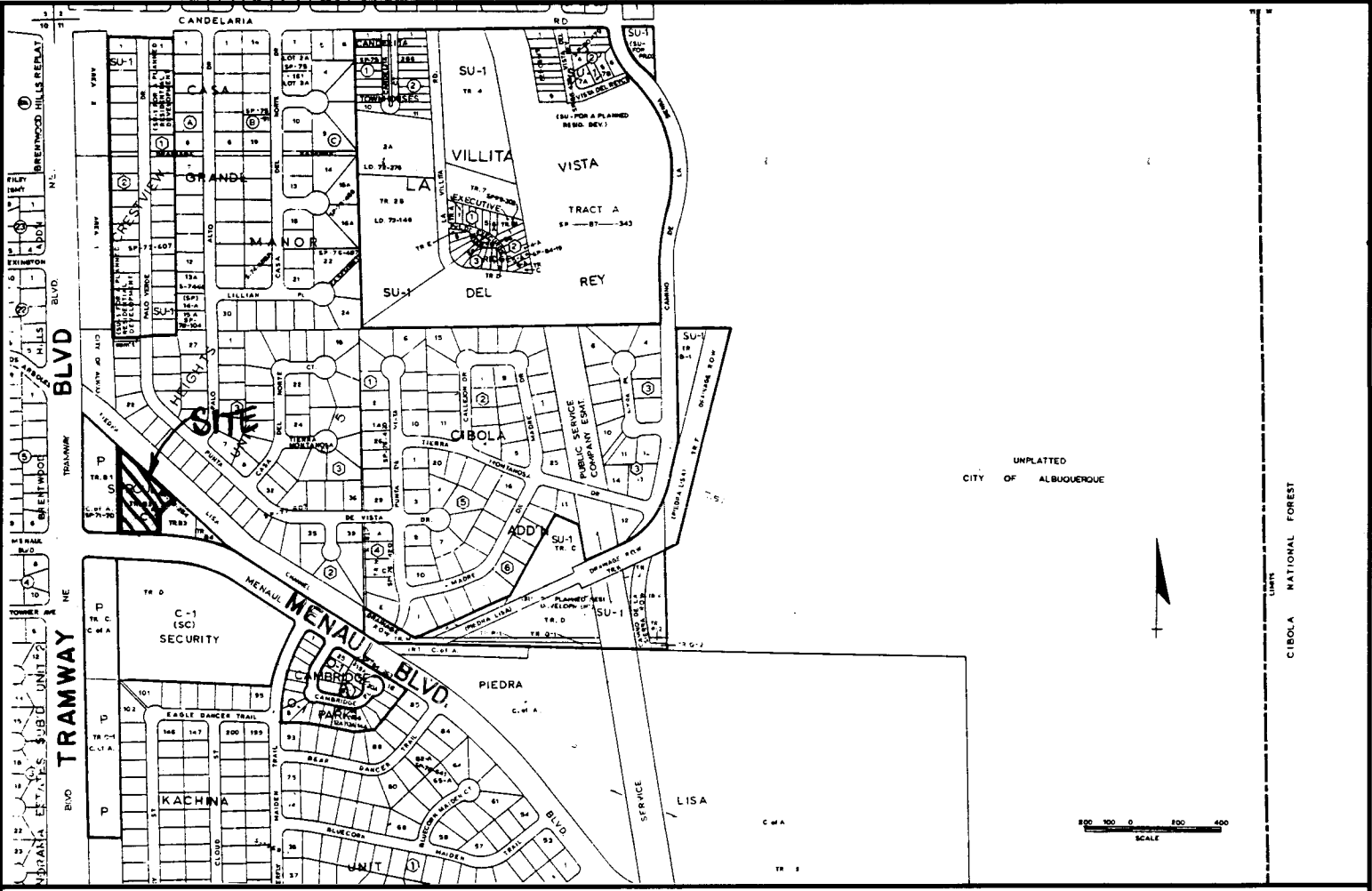
  
J.S.M. P.E. NO. 10903



26 4618.900193

REV.	SHEETS	CITY	ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
APPROVAL OF REVISIONS										

ENGINEER'S SEAL 		APPROVED FOR CONSTRUCTION  C.E.	
PROJECT NUMBER 4618.90		SHEET 1 OF 6	



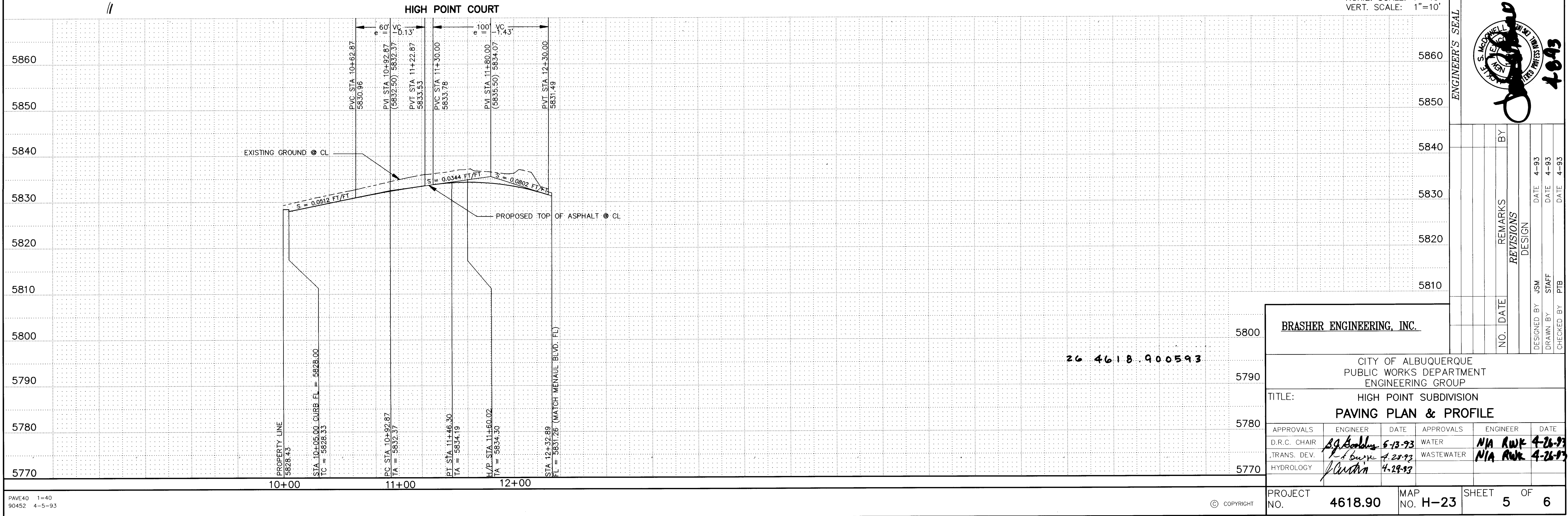
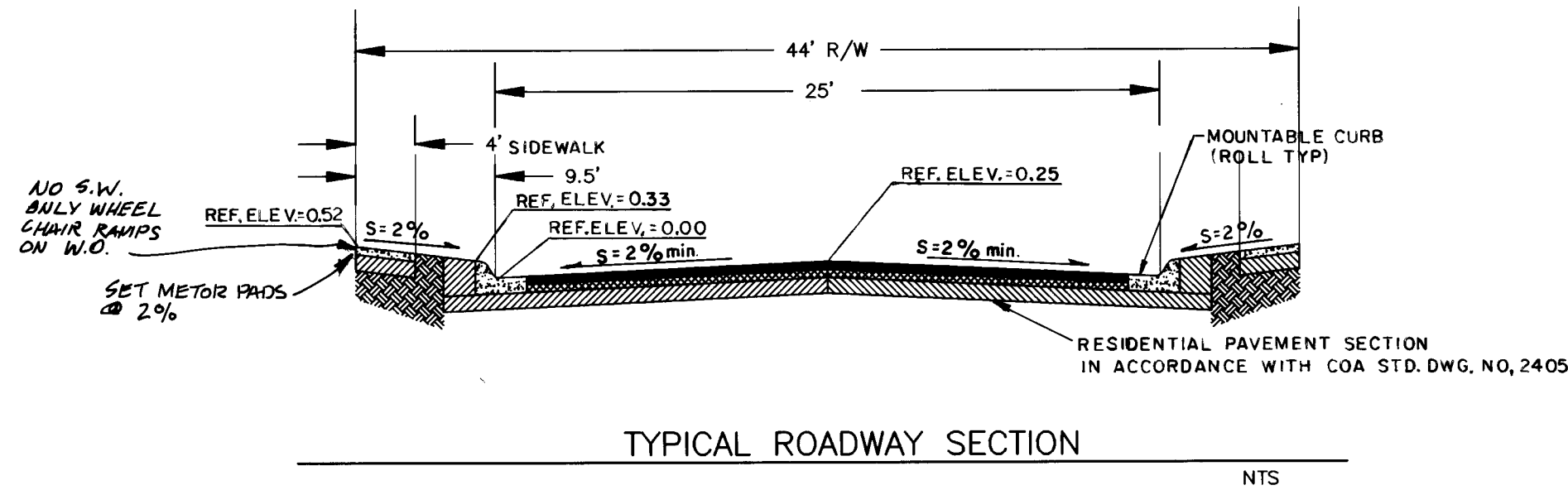
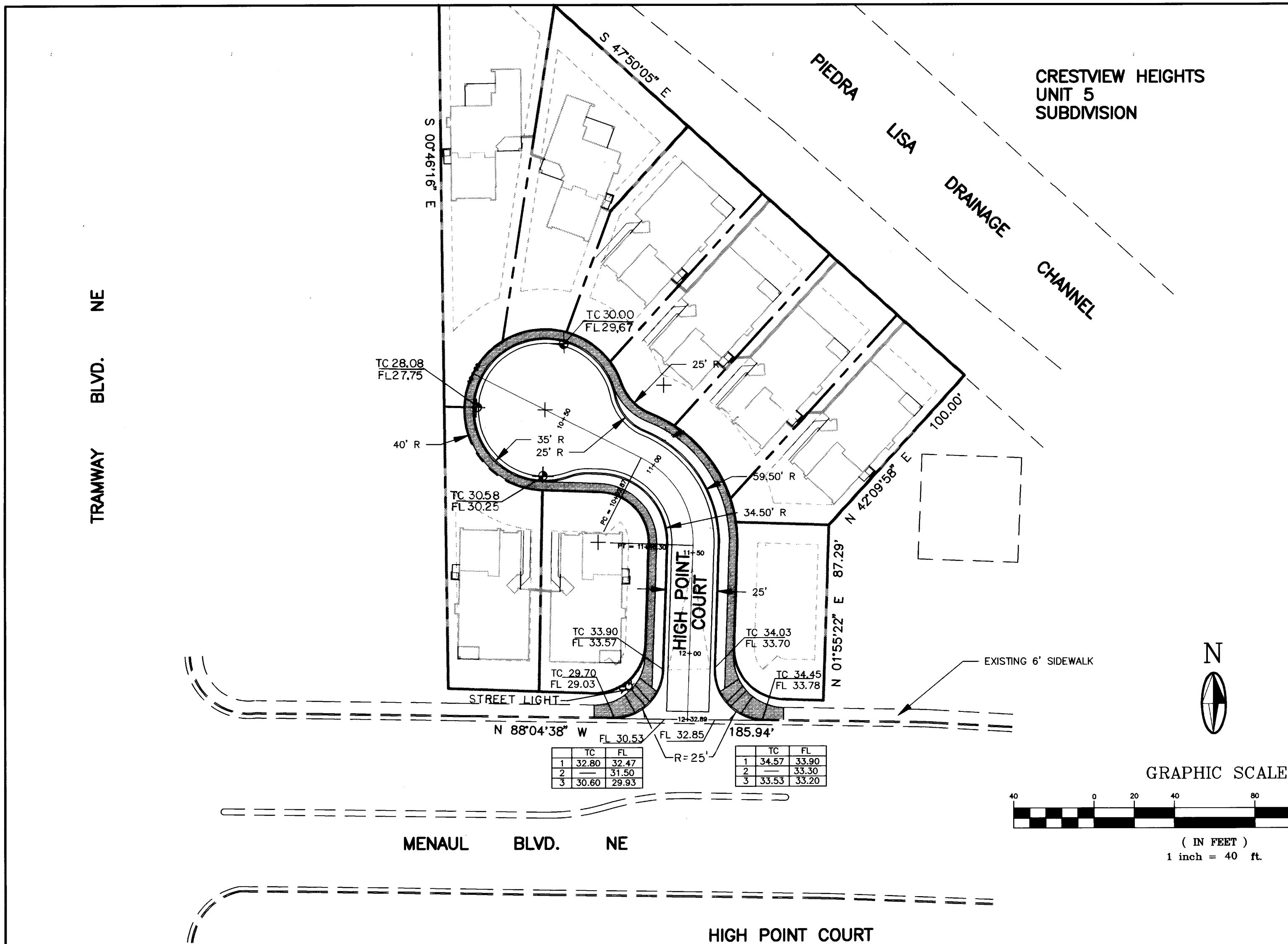
VICINITY MAP: H-23

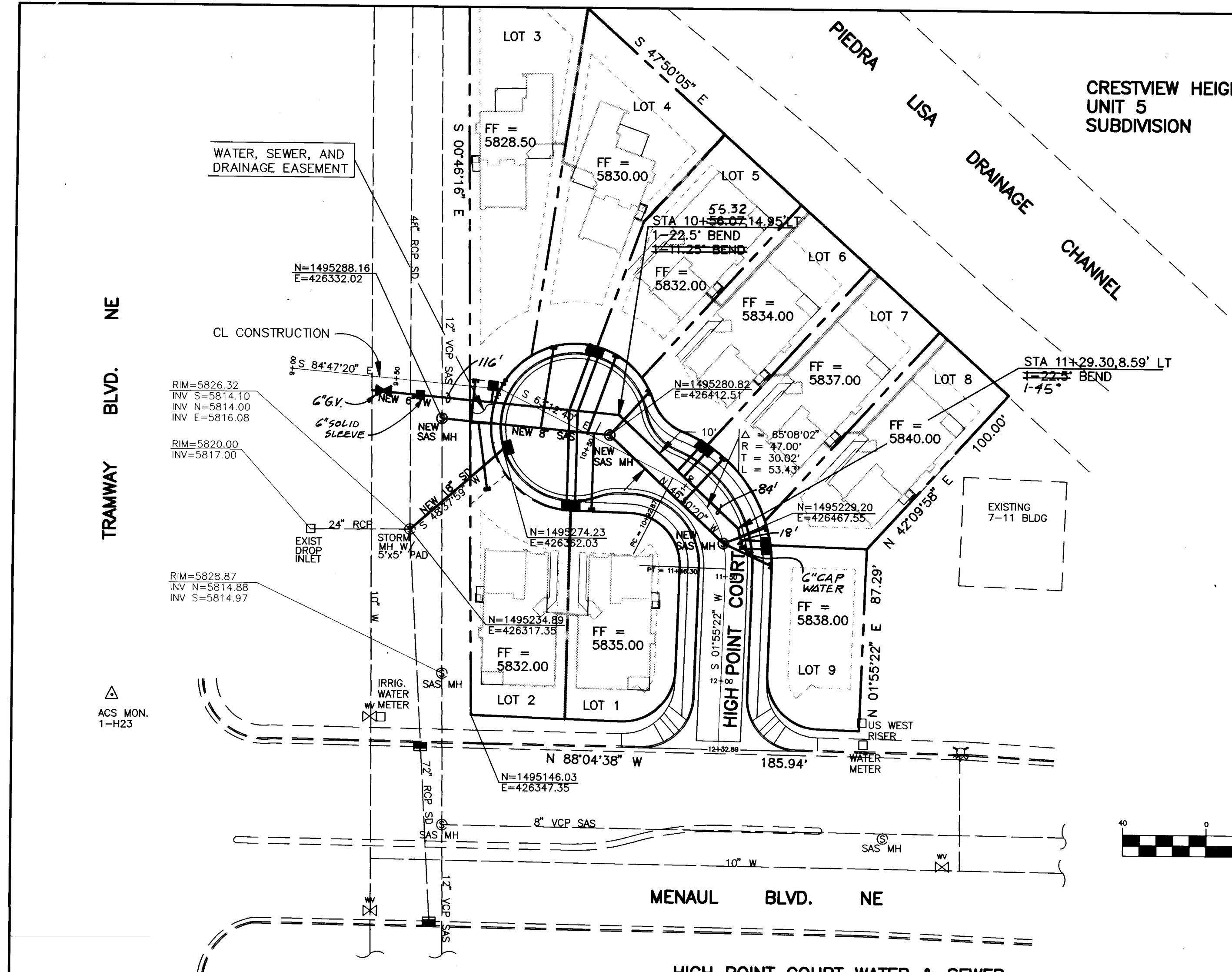
GENERAL NOTES:

- 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" (COA STDN), AS AMENDED THROUGH UPDATE NO. 4.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
- IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL INFORM HIMSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY HIS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- THE CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE OWNERS FOR THE PREPARATION OF "RECORD DRAWINGS". THE CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- REFERENCE MADE TO STANDARD DRAWINGS REFER TO ALBUQUERQUE STANDARD DRAWINGS OR BERNALILLO COUNTY STANDARD DRAWINGS.
- ELECTRONIC MARKER DISCS SHALL BE PLACED IN ACCORDANCE WITH SECTION 170 OF THE CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION.
- WATERLINE CONNECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY STD. DWG. 2301.
- WATER METERS ARE TO BE INSTALLED AT ALL SERVICES IN ACCORDANCE WITH CITY STD. DWG. 2362 AND 2363.
- ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY OF ALBUQUERQUE AND PREPARED BY BRASHER ENGINEERING, INC.
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF HIS CONSTRUCTION, IF OVERHEAD UTILITY LINES SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS TO SUPPORT AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES, AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED EVERY 15' (MINIMUM). CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.  
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.

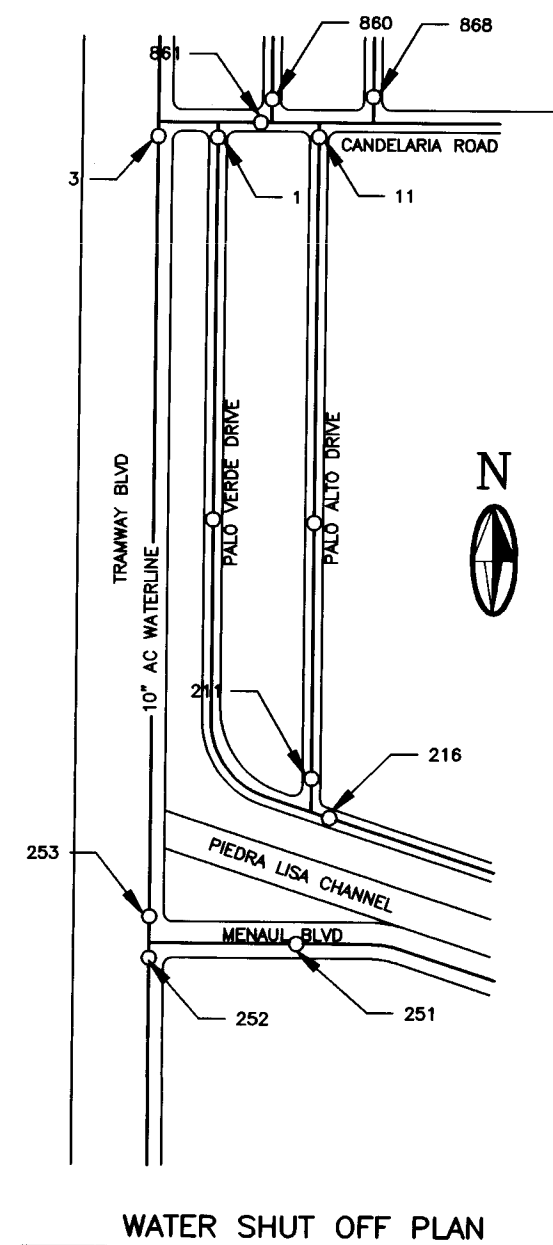






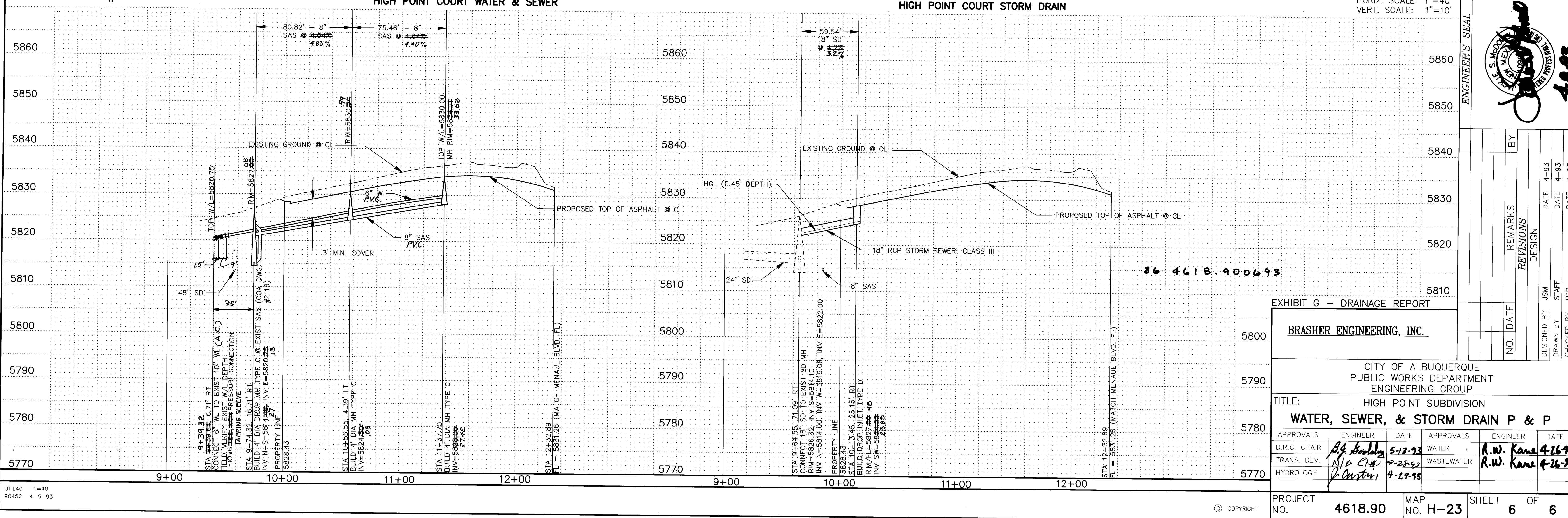


LOT #	SAS SERVICE STATION	INV. ELEV. @ PL
LOT 1	10+65.35, 31.81' RT	5826.50
LOT 2	10+16.54, 45.88' RT	5823.54
LOT 3	9+87.43, 3.29' LT	5823.04
LOT 4	10+13.47, 29.94' LT	5824.97
LOT 5	10+41.78, 40.25' LT	5826.04
LOT 6	10+64.06, 31.72' LT	5826.60
LOT 7	11+04.85, 22.00' LT	5828.83
LOT 8	11+35.63, 22.00' LT	5829.89
LOT 9	11+48.50, 22.00' LT	5829.95



THE CONTRACTOR SHALL COORDINATE ANY WATER VALVE SHUT-OFF OPERATION WITH THE CITY WATER SYSTEMS DIVISION (857-8200) NOT LESS THAN THREE (3) WORKING DAYS PRIOR TO INITIATING ANY WORK AFFECTING EXISTING WATER UTILITIES. SEE SECTION 18 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

CONTRACTOR HAS THE OPTION TO EITHER CONNECT TO THE EXISTING 10" WATERLINE BY A PRESSURE CONNECTION OR A NON PRESSURE CONNECTION. IF A NON PRESSURE CONNECTION IS USED, VALVE NUMBER 253 AND VALVE NUMBER 3 SHALL BE SHUT OFF.

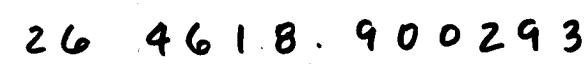


AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Sundance Mech. Inc.	THE STATION IS LOCATED 8.8 MILES NORTHEAST OF DOWNTOWN ALBUQUERQUE ON TRAMWAY BLVD. TO REACH THE STATION FROM THE INTERSECTION OF TRAMWAY BLVD AND CENTRAL AVE GO NORTH ON TRAMWAY BLVD. 2.9 MILES TO MENAUL BLVD AND THE STATION IN THE MEDIAN.	NO.	BY	DATE		REVISIONS DESIGN
WORK BY	C.H.	DATE	10/13				
INSPECTORS	J.A.B.	DATE	10/13				
ACCEPTANCE BY	J.A.B.	DATE	10/13				
DRAWINGS BY		DATE		DATE		REMARKS	
MICRO-FILM INFORMATION		DATE		DATE		DESIGNED BY JSM	
RECORDED BY		DATE		DATE		DRAWN BY STAFF	
ELEVATION = 5819.331 FEET		DATE		DATE		CHECKED BY PTB	

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: HIGH POINT SUBDIVISION WATER, SEWER, & STORM DRAIN P & P					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	B.G. Bradley	5-13-93	WATER	R.W. Kane	4-26-93
TRANS. DEV.	N/A C.H.	4-25-93	WASTEWATER	R.W. Kane	4-26-93
HYDROLOGY	J. Austin	4-29-93			

PROJECT NO.	4618.90	MAP NO.	H-23	SHEET	6	OF	6
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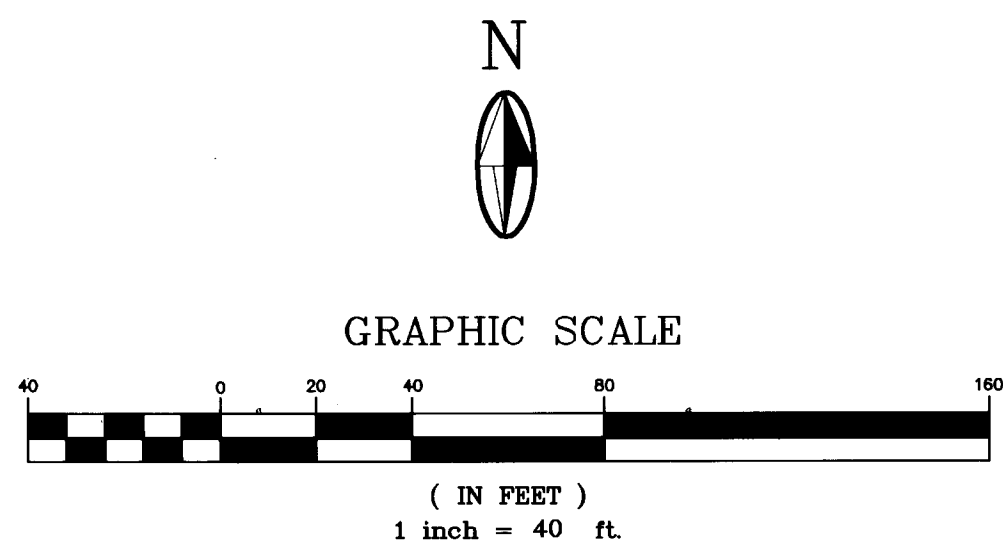
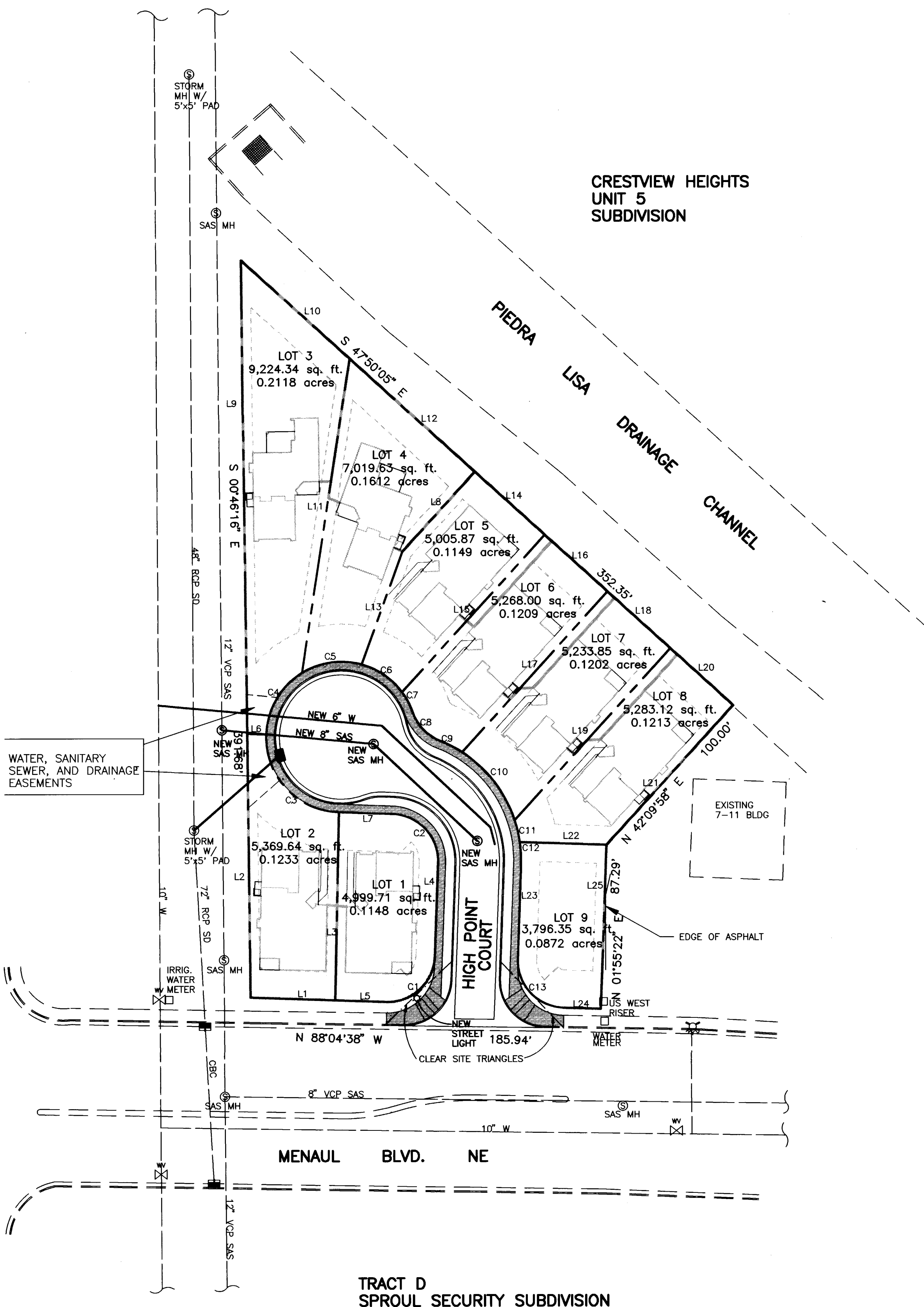


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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP									
<b>TITLE: HIGH POINT SUBDIVISION</b> <b>SUBDIVISION PLAT</b>									
APPROVALS		ENGINEER	DATE	APPROVALS		ENGINEER	DATE		
D.R.C. Chair		N/A	5-13-93	Water		N/A RWE	9-26-93		
Trans. Dev.		N/A RWD	9-28-93	Waste Water		N/A RWE	4-26-93		
Hydrology		N/A JNC	4-29-93						
PROJECT NO.		4618.90		MAP NO.		H-23		SHEET 2 OF 6	

TRAMWAY BLVD. NE

ACS MON.  
1-H23



LEGEND

	EXISTING	NEW
PROPERTY LINE	---	---
CURB & GUTTER	==	==
SIDEWALK	---	---
DWELLING UNIT		
PROPERTY WALLS		

LINE	DIRECTION	DISTANCE
L1	S 88°04'38" E	45.05'
L2	S 00°46'16" E	140.15'
L3	N 01°01'23" E	100.01'
L4	N 01°55'22" E	50.00'
L5	S 88°04'38" E	26.89'
L6	S 88°04'38" E	10.06'
L7	S 88°04'38" E	28.46'
L8	S 42°09'58" W	57.09'
L9	N 00°46'16" W	251.53'
L10	N 47°50'05" W	77.81'
L11	S 08°36'26" W	168.81'
L12	N 47°50'05" W	89.54'
L13	N 19°49'37" E	63.76'
L14	N 47°50'05" W	50.00'
L15	N 42°09'58" E	112.58'
L16	S 47°50'05" E	45.00'
L17	S 42°09'58" W	114.90'
L18	S 47°50'05" E	45.00'
L19	S 42°09'58" W	123.03'
L20	S 47°50'05" E	45.00'
L21	N 42°09'58" E	100.00'
L22	N 88°11'21" W	46.09'
L23	S 01°55'22" W	50.00'
L24	S 88°04'38" E	20.00'
L25	S 01°55'22" W	87.29'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00'	39.27'	25.00'	35.36'	N 46°55'22" E	90°00'00"
C2	25.00'	39.27'	25.00'	35.36'	N 43°04'38" W	90°00'00"
C3	40.00'	62.83'	40.00'	56.57'	N 43°04'45" W	89°59'47"
C4	40.00'	39.36'	21.44'	37.79'	N 30°06'30" E	56°22'54"
C5	40.00'	39.33'	17.46'	32.01'	N 81°52'59" E	47°09'53"
C6	40.00'	26.48'	13.75'	26.00'	S 55°34'00" E	37°56'08"
C7	40.00'	12.22'	6.16'	12.18'	S 27°50'38" E	17°30'36"
C8	25.00'	21.36'	11.38'	20.71'	S 43°33'40" E	48°56'39"
C9	69.00'	13.36'	6.70'	13.34'	S 62°29'19" E	11°05'27"
C10	69.00'	46.61'	24.23'	45.73'	N 37°35'25" W	38°42'14"
C11	69.00'	12.02'	6.02'	12.00'	N 13°14'59" W	09°58'37"
C12	69.00'	12.26'	6.15'	12.25'	N 03°10'09" W	10°11'03"
C13	25.00'	39.27'	25.00'	35.36'	S 43°04'38" E	90°00'00"

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR: <i>Sundance Mech. Inc.</i>		THE STATION IS LOCATED 8.9 MILES NORTHEAST OF DOWNTOWN ALBUQUERQUE ON TRAMWAY BLVD. TO REACH THE STATION FROM THE INTERSECTION OF TRAMWAY BLVD AND CENTRAL AVE GO NORTH ON TRAMWAY BLVD, 2.9 MILES TO MENAUI BLVD AND THE STATION IN THE MEDIAN.		FIELD NOTES		ENGINEER'S SEAL	
STATIONED BY: <i>City</i>		DATE: <i>10/93</i>		NO.		BY	
INSPECTOR'S FIELD CHECK BY: <i>J.L.O.</i>		DATE: <i>10/93</i>		NO.		BY	
VERIFICATION BY:		DATE:		NO.		BY	
CORRECTED BY:		DATE:		NO.		BY	
MICRO-FILM INFORMATION		THE STATION MARK IS A STANDARD ACS BRASS TABLET STAMPED "1-H23, 1982" SET 0.30 FT BELOW THE GROUND WITHIN AN 11 INCH DIAMETER STEEL MONUMENT BOX.		NO.		BY	
RECORDED BY:		DATE:		NO.		BY	
ELEVATION = 5819.331 FEET.		NO.		NO.		BY	

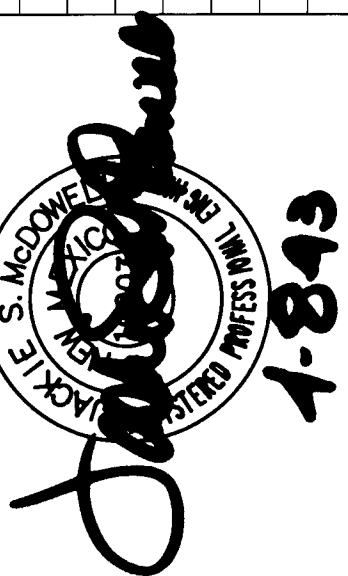


EXHIBIT E - DRAINAGE REPORT

BRASHER ENGINEERING, INC.					
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: HIGH POINT SUBDIVISION SUBDIVISION LAYOUT PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. CHAIR	<i>A. J. Ambrose</i>	<i>5-13-93</i>	WATER	<i>NIA RWE</i>	<i>4-26-93</i>
TRANS. DEV.	<i>N/A C. L. O.</i>	<i>4-25-93</i>	WASTEWATER	<i>NIA RWE</i>	<i>4-26-93</i>
HYDROLOGY	<i>N/A JPC</i>	<i>4-29-93</i>			
PROJECT NO.	4618.90	MAP NO.	H-23	SHEET	3 OF 6

26 4618.900393