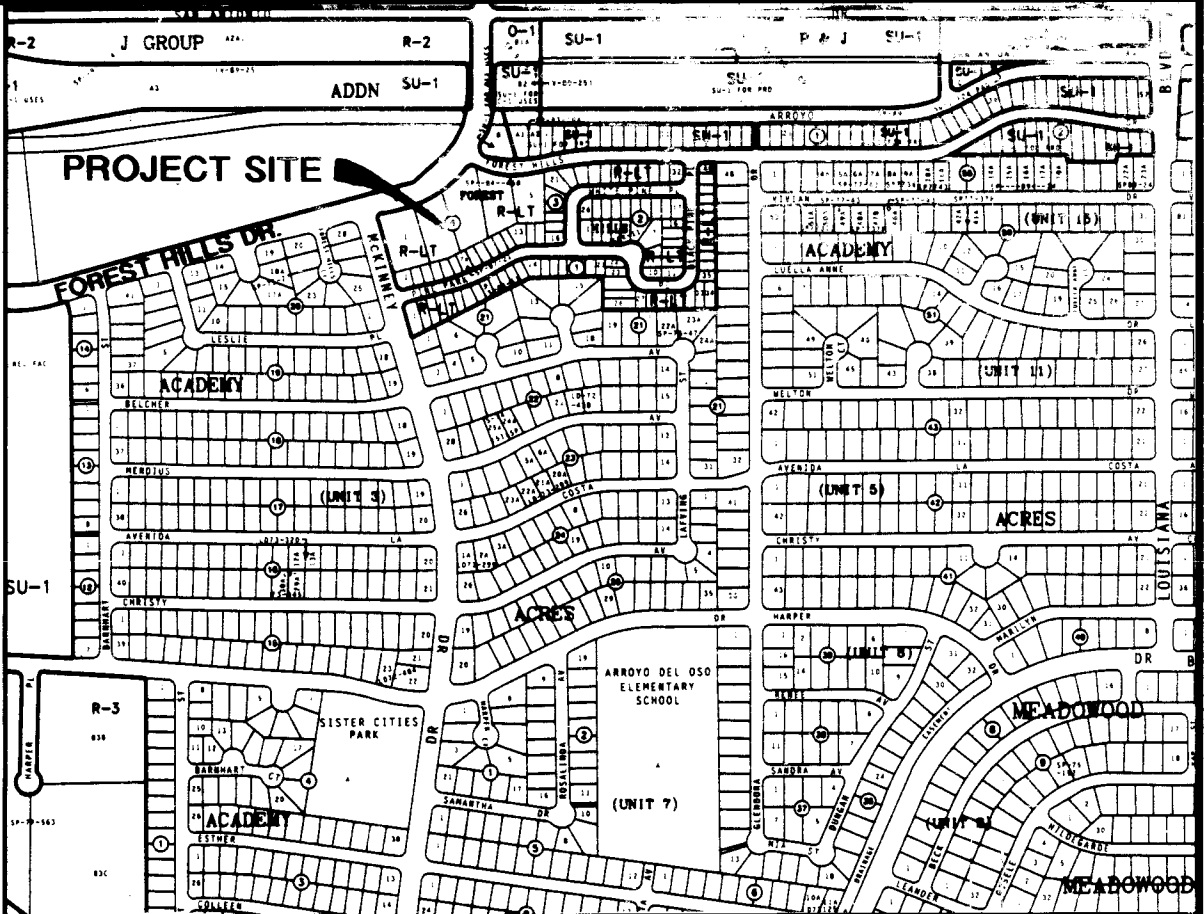


CONSTRUCTION PLANS  
FOR  
JASON DASKALOS ADDITION  
ALBUQUERQUE, NEW MEXICO

INDEX	
SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	PLAT
3 - 5	FINAL GRADING AND DRAINAGE PLAN
6	PAVING PLAN AND PROFILE MONAHITI PLACE
7	UTILITY PLAN AND PROFILE MONAHITI PLACE



VICINITY MAP  
NOT TO SCALE  
E-18

- 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.5 REVISIONS, DATED NOV. 15, 1994.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- 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.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE 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 SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANET SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

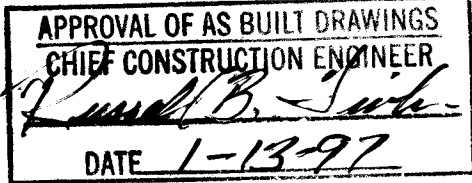
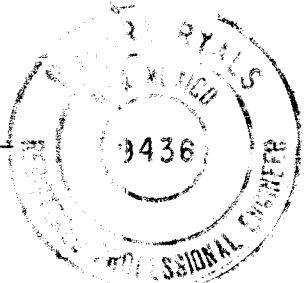
26-4621.90 0197

AS CONSTRUCTED CERTIFICATION

I, Robert B. Ryals, a Registered Professional Engineer in the State of New Mexico, hereby certify, public infrastructure improvements have been installed in substantial compliance with these plans and specifications and are located as shown on these as constructed drawings.

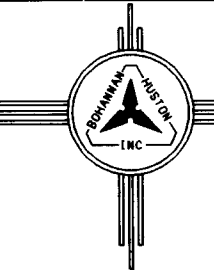
*Robert B. Ryals*  
Robert B. Ryals, P.E.

12-16-96  
Date



REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

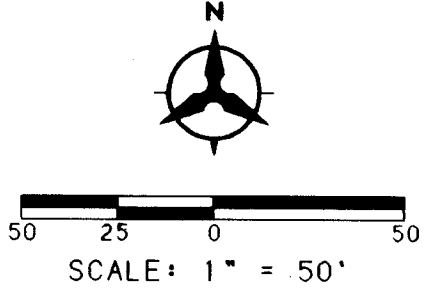
APPROVAL OF REVISIONS

<i>Chap M. Thomas</i> 4/3/95	 <b>BOHANNAN HUSTON INC.</b> ALBUQUERQUE, NEW MEXICO ENGINEERS PLANNERS PHOTOGRAPHERS	APPROVED FOR CONSTRUCTION <i>Russell B. Smith</i> C.E.
	PROJECT NUMBER 4621.90	SHEET 1 OF 7

CURVE DATA					
NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING
C1	39.27	25.00	90°00'00"	35.36	N30°10'55"E
C2	288.18	467.76	35°17'58"	283.64	N57°31'56"E
C3	28.99	25.00	66°26'14"	27.39	N73°36'53"E
C4	271.58	605.00	25°43'10"	269.30	S86°01'35"E
C5	6.13	1157.00	0°18'12"	6.13	N75°20'01"E
C6	34.95	25.00	80°05'33"	32.17	S44°53'04"E
C7	27.08	173.00	8°58'02"	27.05	S74°41'54"W
C8	25.95	127.00	11°42'30"	25.91	S69°19'40"W
C9	15.71	10.00	90°00'00"	14.14	N59°49'05"W
C10	15.71	10.00	90°00'00"	14.14	N30°10'55"E
C11	35.35	173.00	11°42'30"	35.29	N69°19'40"E
C12	101.23	98.00	59°11'02"	96.79	N33°52'54"E
C13	35.64	25.00	81°40'30"	32.70	N45°07'38"E
C14	48.24	605.00	4°34'07"	48.23	S88°14'57"W
C15	47.89	605.00	4°32'09"	47.88	N87°11'56"W
C16	82.98	75.00	63°23'20"	78.81	S31°46'45"W
C17	30.65	150.00	11°42'30"	30.60	S69°19'40"W
C18	29.23	52.00	32°12'14"	28.84	S47°22'18"W
C19	21.95	40.00	31°26'31"	21.68	S10°52'58"W
C20	11.71	98.00	06°50'50"	11.70	N60°03'01"E
C21	6.82	98.00	03°59'24"	6.82	N54°37'50"E
C22	55.22	98.00	32°16'59"	54.49	N36°29'42"E
C23	27.48	98.00	16°03'49"	27.39	N12°19'18"E
C24	7.03	467.76	0°51'38"	7.03	N74°45'07"E
C25	57.71	467.76	7°04'06"	57.67	N70°47'14"E
C26	45.82	467.76	5°36'45"	45.80	N64°26'48"E
C27	36.21	467.76	4°26'06"	36.20	N59°25'23"E
C28	42.52	467.76	5°12'31"	42.51	N54°36'05"E
C29	43.33	467.76	5°18'25"	43.31	N49°20'36"E
C30	44.58	467.76	5°27'37"	44.56	N43°57'35"E
C31	11.00	467.76	1°20'49"	11.00	N40°33'22"E
C32	6.71	605.00	0°38'09"	6.71	S73°29'05"E
C33	54.94	605.00	5°12'12"	54.93	S76°24'16"E
C34	62.56	605.00	5°55'29"	62.53	S81°58'07"E
C35	51.22	605.00	4°51'03"	51.21	N83°32'21"E
C36	8.28	173.00	2°44'28"	8.28	S64°50'39"W

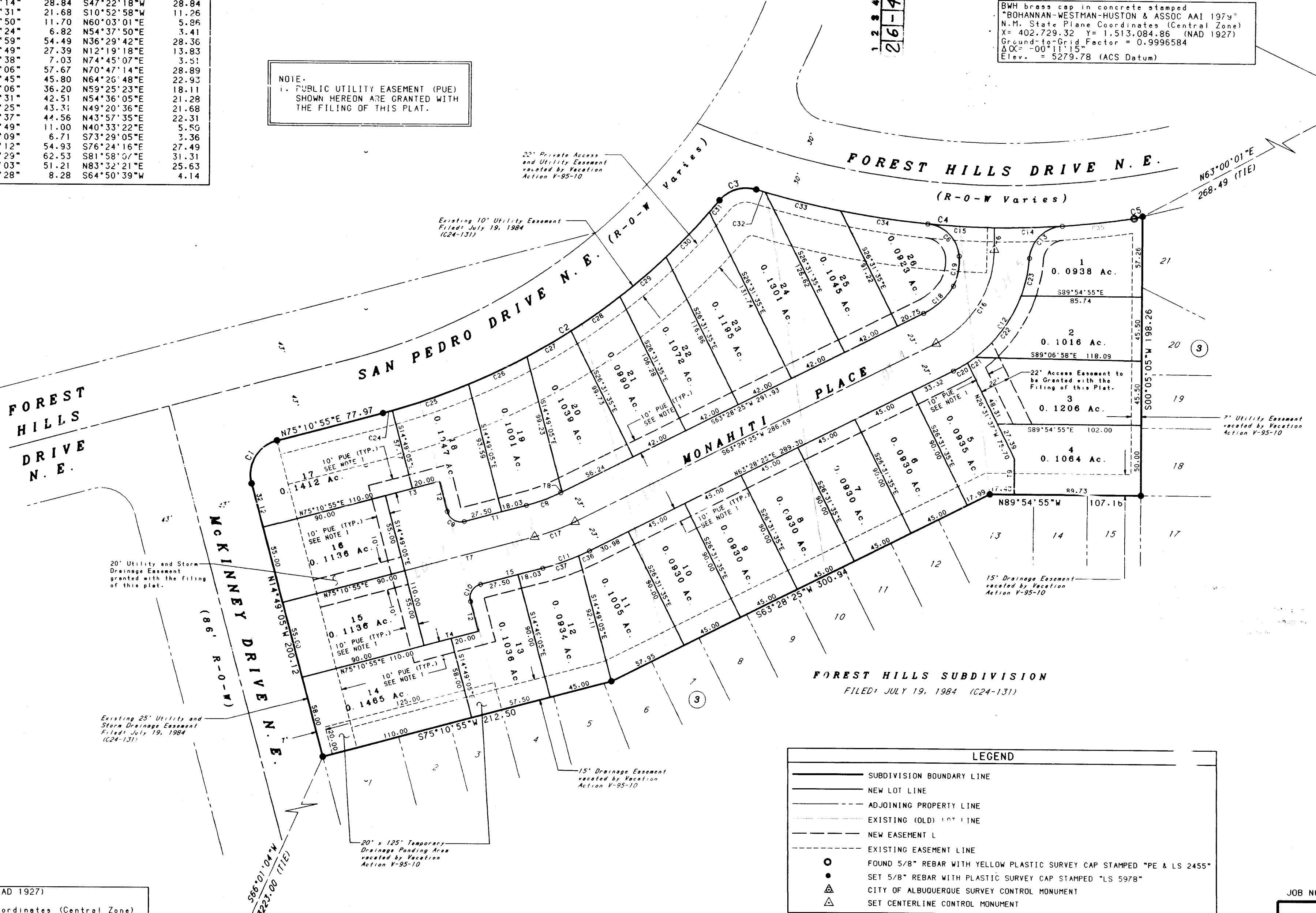
TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	S75°10'55"W	45.53
T2	N14°49'05"E	22.00
T3	S75°10'55"W	40.00
T4	N75°10'55"E	40.00
T5	N75°10'55"E	45.53
T6	S00°05'05"W	15.54
T7	S75°10'55"W	95.53
T8	N63°28'25"E	1.22
T9	S00°05'05"W	25.51

NOTE:  
1. PUBLIC UTILITY EASEMENT (PUE)  
SHOWN HEREON ARE GRANTED WITH  
THE FILING OF THIS PLAT.



PLAT OF  
LOTS 1 THRU 26  
JASON DASKALOS ADDITION  
ALBUQUERQUE, NEW MEXICO  
FEBRUARY 1995

BWM brass cap in concrete stamped  
"BOHANNAN-WESTMAN-HUSTON & ASSOC AAI 1979"  
N.M. State Plane Coordinates (Central Zone)  
X= 402,729.32 Y= 1,513,084.96 (NAD 1927)  
Ground-to-Grid Factor = 0.9996584  
AX= -00°11'15.7" ELEV. = 5279.78 (ACS Datum)

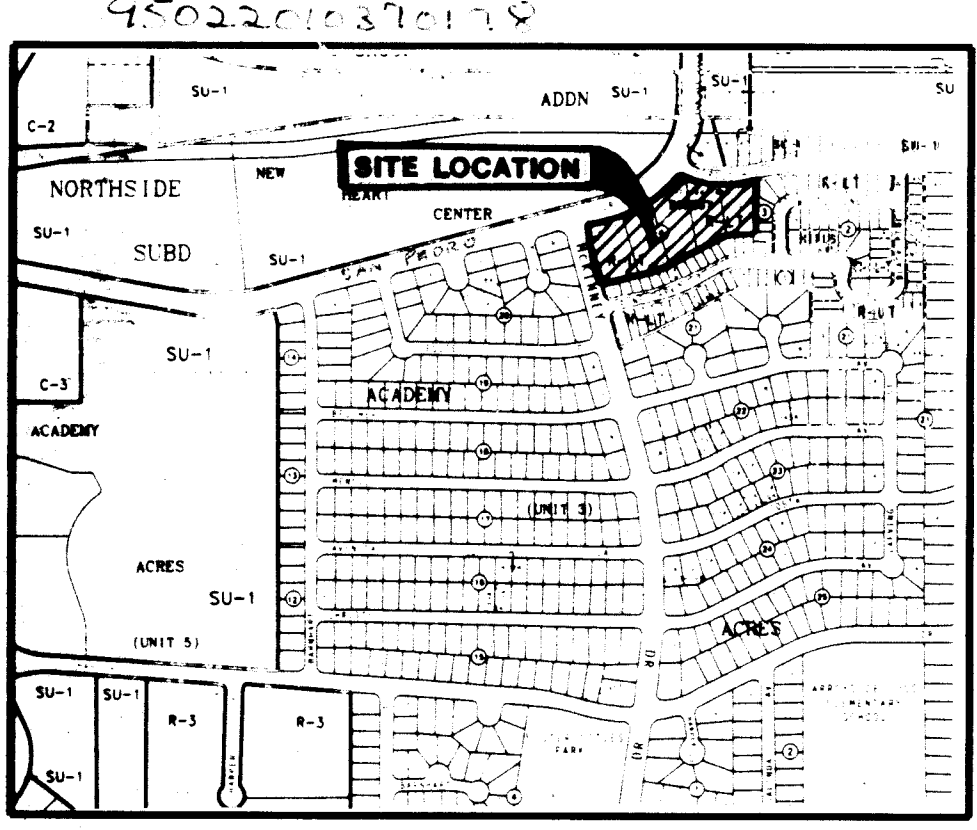


LEGEND	
—	SUBDIVISION BOUNDARY LINE
—	NEW LOT LINE
—	ADJOINING PROPERTY LINE
—	EXISTING (OLD) LOT LINE
—	NEW EASEMENT LINE
—	EXISTING EASEMENT LINE
●	FOUND 5/8" REBAR WITH YELLOW PLASTIC SURVEY CAP STAMPED "PE & LS 2455"
●	SET 5/8" REBAR WITH PLASTIC SURVEY CAP STAMPED "LS 5978"
△	CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT
△	SET CENTERLINE CONTROL MONUMENT

JOB NO. 91316-81

SHEET 2 OF 2 SHEETS

SURV: [59131681] SHEET1.GRF



LOCATION MAP  
ZONE ATLAS INDEX MAP No. E-18  
NOT TO SCALE

SUBDIVISION DATA

- DRB No.
- Gross subdivision acreage: 3.3644 acres
- Total number of lots created: 26 lots
- 0.6099 of an acre of public street right-of-way dedicated with the filing of this plat.

NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone).
- Distances are ground distances.
- All easements of record are shown.
- Centerline (C/L) monuments (to be installed at selected centerline PC's, prior to acceptance of subdivision improvements and will consist of a standard four-inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monumentation", "Survey Markers", "Do Not Disturb", PLSS 5978.

DISCLOSURE STATEMENT

The purpose of this plat is to subdivide LOTS 1 THRU 5, INCLUSIVE, BLOCK 4, FOREST HILLS SUBDIVISION, dedicate public street right-of-way, grant easements, and vacate easements.

PUBLIC UTILITY EASEMENTS

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

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

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

DESCRIPTION

A certain tract of land situated within the Elena Gallegos Grant, in projected Section 25, T11N, R3E, N.M.P.M., Albuquerque, Bernalillo County, New Mexico. Said tract being LOTS 1 THRU 5, INCLUSIVE, BLOCK 4, FOREST HILLS SUBDIVISION, as the same is shown and designated on the plat thereof filed for record in the office of the County Clerk of Bernalillo County, New Mexico on November 8, 1984, in Volume C25, folio 111, and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at a point on the easterly right-of-way line of McKinney Drive, N.E., said point also being the southwest of said LOT 1, whence the City of Albuquerque survey monument "I-25-16, 1969", having New Mexico State Plane Grid Coordinates of the Central Zone, X=398,964.46, Y=1,511,266.74, bears S66°01'04"W a distance of 323.00 feet thence from said point of beginning running along said right-of-way line, N14°49'05"W a distance of 200.12 feet to a point of curvature; thence along a transition curve, 39.27 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing N30°10'55"E a distance of 35.36 feet to a point of tangency on the southerly right-of-way line of San Pedro Drive N.E.; thence running along said southerly right-of-way line, N75°10'55"E a distance of 77.97 feet to a point of curvature; thence, 288.18 feet along the arc of a curve to the left having a radius of 467.76 feet and a chord bearing N57°31'56"E a distance of 283.64 feet to a point of reverse curvature; thence along a transition curve, 28.99 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing N73°36'53"E a distance of 27.39 feet to a point of reverse curvature on the southerly right-of-way line of Forest Hills Drive N.E.; thence running along said southerly right-of-way line, N75°10'55"E a distance of 6.13 feet to the northeast corner of said LOT 5; thence leaving said right-of-way line and running along the easterly boundary line of said LOT 1, S00°05'05"W a distance of 198.26 to the southeast corner of said LOT 1; thence running along the southerly boundary line of the tract herein described, N89°54'55"W a distance of 107.16 feet to a point; thence, S63°28'25"W a distance of 300.94 feet to a point; thence, S75°10'55"W a distance of 212.50 feet to the point and place of beginning.

This tract contains 3.3644 acres, more or less.

FREE CONSENT AND DEDICATION

The foregoing recital of that certain tract of land being LOTS 1 THRU 5, INCLUSIVE, BLOCK 4, FOREST HILLS SUBDIVISION, as the same is shown and designated on the plat thereof filed for record in the office of the County Clerk of Bernalillo County, New Mexico on November 8, 1984, in Volume C25, folio 111 and now hereon shown and comprising the JASON DASKALOS ADDITION 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 0.6099 of an acre of public street right-of-way to the City of Albuquerque in fee simple with warranty covenants and do hereby grant all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities thereon all public utility easements shown hereon for the common and joint use of gas, electrical power and communication services for buried distribution lines, conduits, and pipes for underground utilities where shown or indicated, and including 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 in their free act and deed.

*Pete Daskalos*  
PETE DASKALOS, owner  
State of New Mexico )  
County of Bernalillo )

This instrument was acknowledged before me on 15 day of February 1995, by Pete Daskalos.

My Commission Expires 4-12-96  
Notary Public

APPROVALS

PLANNING DIRECTOR	DATE
CITY ENGINEER	DATE
A-M-A-F-C-A	DATE
TRAFFIC ENGINEER	DATE
CITY SURVEYOR	DATE
PROPERTY MANAGEMENT	DATE
UTILITY DEVELOPMENT DEPARTMENT	DATE
PARKS AND GENERAL SERVICES DEPARTMENT	DATE
PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE
U.S. WEST COMMUNICATIONS	DATE
GAS COMPANY OF NEW MEXICO	DATE

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID

ON UPC#

PROPERTY OWNER OF RECORD:

BERNALILLO COUNTY TREASURER'S OFFICE DATE

SURVEYOR'S CERTIFICATION

I, Thomas G. Klingenhagen, a registered Professional New Mexico Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, 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.

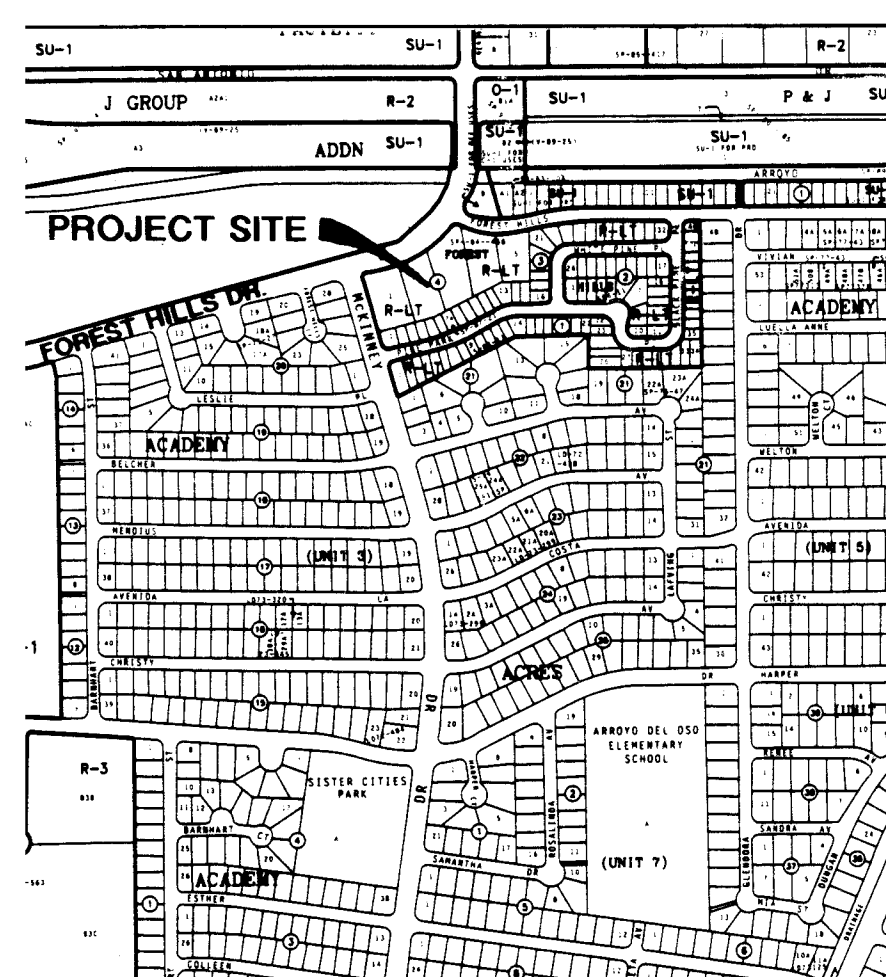
Bohannon-Huston, Inc.  
Courtney I.  
7500 Jefferson Street, N.E.  
Albuquerque, New Mexico 87109 Date: 2-15-95



SHEET 1 OF 2 SHEETS

SURV: [59131681] SHEET1.GRF





## LOCATION MAP

ONE ATLAS MAP NO. E-18  
NO SCALE

FOREST HILLS  
DRIVE N.E.

McKINNEY DRIVE N.E.  
(86' R-O-W)

TO PINO ARROYO

EXISTING  
48" RCP SD

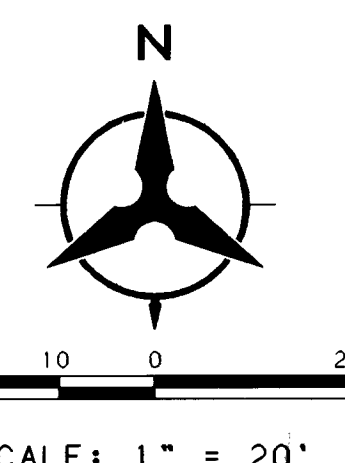
SAN PEDRO DRIVE N.E.

(R-O-W Varies)

MONAHITI PLACE

MATCHLINE

PINE PARK PLACE



SCALE: 1" = 20'

### GRADING CERTIFICATION

I, Craig W. Hoover, P.E. #11848, hereby certify that grading at this site is constructed in substantial compliance with this plan, to allow the implementation of the drainage patterns and requirements identified herein, side yard drainage, swales will need to be reconstructed by the builder upon completion of the home construction. As-built pad and grade elevations were verified by field survey performed under direction of Robert B. Ryals, P.E. #9436 on December 12, 1996, after completion of infrastructure construction. This statement does not represent certification of contractor's construction methods or materials.

Craig W. Hoover, P.E.

Date 2/17/95

## LEGAL DESCRIPTION

LOTS 1-5 BLOCK 4 FOREST HILLS SUBDIVISION

## BENCH MARK

"1-25-16, 1969"  
NMSHC BRASS TABLET  
N.M. State Plane Coordinates (Central Zone)  
X= 398,964.46 Y= 1,511,266.74  
Ground-to-Grid Factor = 0.99966308  
 $\Delta X = -00'11.41"$

## LEGEND

PROJECT BOUNDARY	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	○ 65.42
PROPOSED SPOT ELEVATION	● 65.42
DIRECTION OF FLOW	→
BASIN BOUNDARY	---
PROPOSED RETAINING WALL	---
EXISTING STORM DRAIN LINE	SD ---
EXISTING STORM DRAIN MANHOLE	○
EXISTING STORM DRAIN INLET	□
PROPOSED STORM DRAIN INLET	■
PROPOSED EROSION CONTROL BERM	~~~~~
FINISHED GRADE ELEVATION AT	TW
TOP OF RETAINING WALL	
FINISHED GRADE ELEVATION AT	BW
BOTTOM OF RETAINING WALL	

NOTE:  
1. SEE SHEET 3 FOR CROSS SECTIONS DETAILS.  
▲ Revised rundown details as shown  
▲ Rear yard retaining wall deferred until house construction. Replaced with sloped area shown thus [hatched area], actual plot plan for house and desired useable backyard will determine rear yard retaining wall requirements.

26-4621.90 0397

APPROVED FOR ROUGH GRADING

*John D. Custer* 5-1-95  
HYDROLOGY DATE

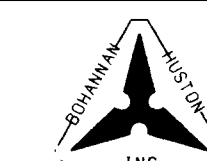
SCANNED BY

FINAL GRADING/DRAINAGE PLAN  
JASON DASKALOS ADDITION  
ALBUQUERQUE, NEW MEXICO  
MARCH 1995

FOREST HILLS SUBDIVISION  
FILED: JULY 19, 1984 (624-131)

*Craig W. Hoover*  
4/3/95

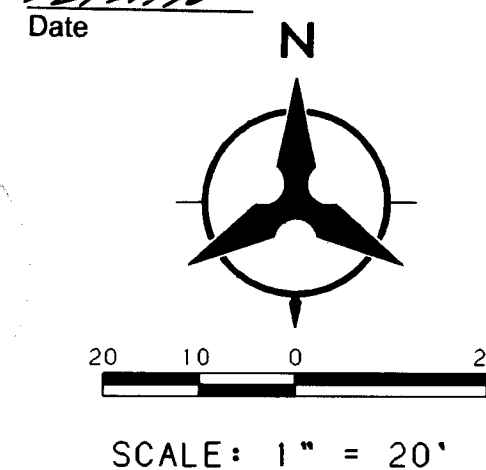
SHEET 3 OF 7



# GRADING CERTIFICATION

I, Craig W. Hoover, P.E. #11848, hereby certify that grading at this site is constructed in substantial compliance with this plan, to allow the implementation of the drainage patterns and requirements identified herein, side yard drainage, swales will need to be reconstructed by the builder upon completion of the home construction. As-built pad and grade elevations were verified by field survey performed under direction of Robert B. Ryals, P.E. #9436 on December 12, 1996, after completion of infrastructure construction. This statement does not represent certification of contractor's construction methods or materials.

Craig W. Hoover, P.E.  
Date



APPROVED FOR ROUGH GRADING

*John P. Curtin* 5-1-95  
HYDROLOGY DATE

## LEGAL DESCRIPTION

LOTS 1-5 BLOCK 4 FOREST HILLS SUBDIVISION

## BENCH MARK

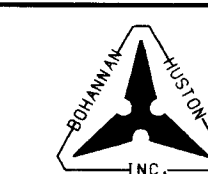
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NMSHC BRASS TABLE  
N.M. State Plane Coordinates (Central Zone)  
X = 398,964.46 Y = 1,511,266.74  
Ground-to-Grid Factor = 0.9996308  
ΔOC = -00°11'41"

26-1621.90 0497

## LEGEND

PROJECT BOUNDARY	---
EXISTING CONTOUR	---
EXISTING SPOT ELEVATION	○ 65.42
PROPOSED SPOT ELEVATION	● 65.42
DIRECTION OF FLOW	→
BASIN BOUNDARY	---
PROPOSED RETAINING WALL	---
EXISTING STORM DRAIN LINE	SD ---
EXISTING STORM DRAIN MANHOLE	●
EXISTING STORM DRAIN INLET	□
PROPOSED STORM DRAIN INLET	■
PROPOSED EROSION CONTROL BERM	~~~~~
FINISHED GRADE ELEVATION AT TOP OF RETAINING WALL	TW
FINISHED GRADE ELEVATION AT BOTTOM OF RETAINING WALL	BW

NOTE:  
1. SEE SHEET 3 FOR CROSS SECTION DETAILS.



SHEET 4 OF 7

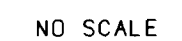
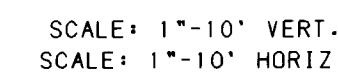
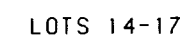
FOREST HILLS DRIVE N.E.  
(R-O-W Varies)

SAN PEDRO DR.  
(R-O-W Varies)

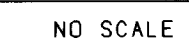
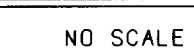
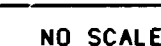
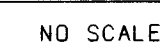
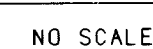
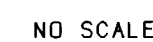
MATCHLINE

FINAL GRADING/DRAINAGE PLAN  
JASON DASKALOS ADDITION  
ALBUQUERQUE, NEW MEXICO  
MARCH 1995





NO SCALE  
(RETAINAGE HEIGHT IS TAKEN TO BE DIFFERENCE IN  
FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL.)



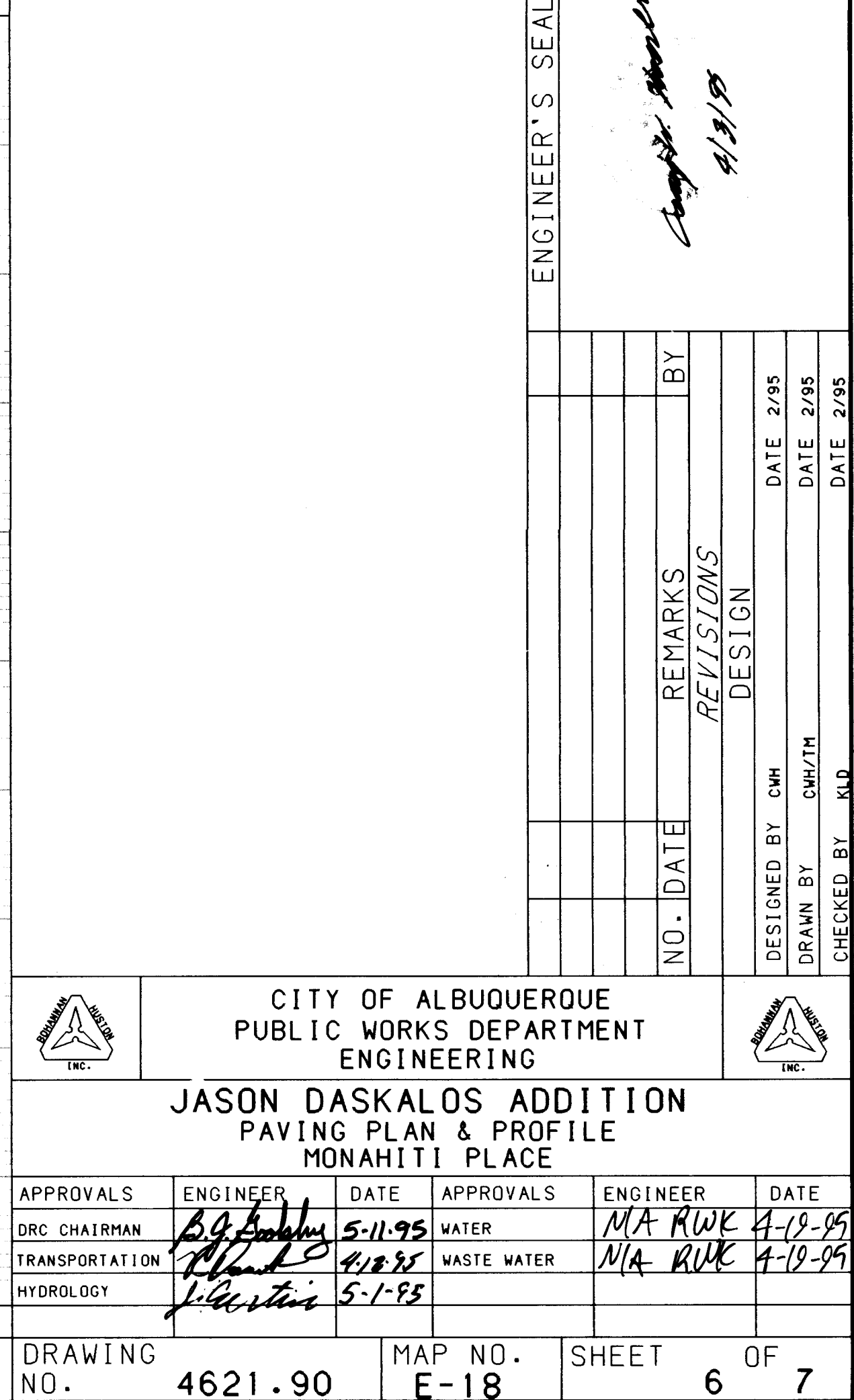
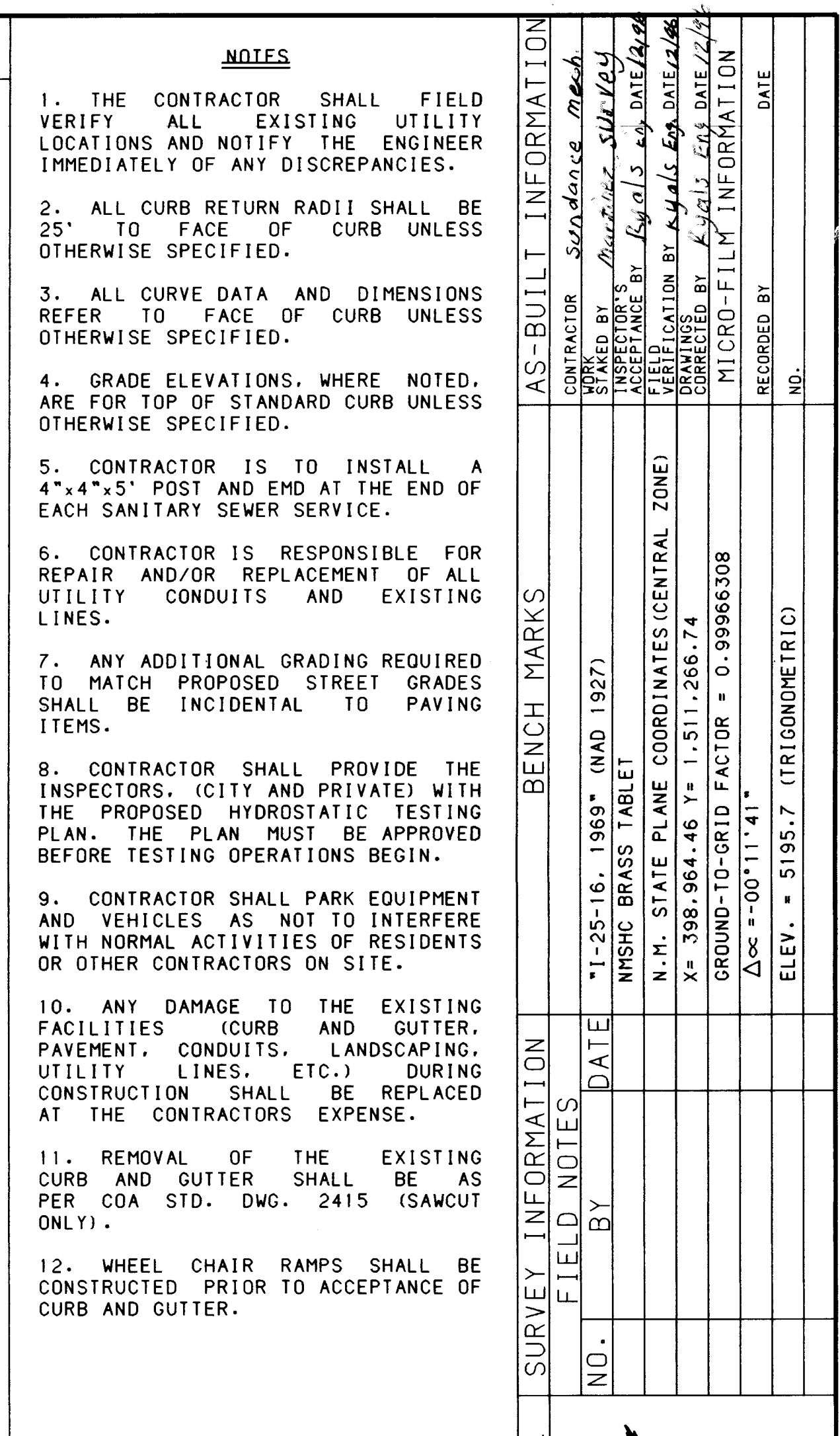
2/17/96  
Date

"I-25-16, 1969"  
NMSHC BRASS TABLET  
N.M. State Plane Coordinates (Central Zone)  
X = 398,964.46 Y = 1,511,266.74  
Ground-to-Grid Factor = 0.99966308  
 $\Delta\alpha = -00^{\circ}11'41"$

DB NO 16.04



SHEET 5 OF 7





# WATER SHUT-OFF PLAN

1. CLOSE CITY VALVE NUMBER 351 AT THE INTERSECTION OF FOREST HILLS AND SAN PEDRO.
2. CLOSE CITY VALVES NUMBERS 363 AND 364 AT THE INTERSECTION OF FOREST HILLS AND BLACK PINE.
3. INSTALL 8"X6" TEE AT STA. 9+90.07 AND 6" WL TO 55' SOUTH OF NEW VALVE AT STA. 9+58.37. NON-PRESSURE CONNECTION.
4. CLOSE NEW 6" VALVE AT STA. 9+58.37.
5. OPEN ALL VALES CLOSED IN STEPS 1 AND 2.

## RESTRAINED JOINT LENGTH SCHEDULE

STATION	FITTING	LENGTH
5+79.61	6"-11 1/4" BEND	2' (RESTRAIN AT FITTING ONLY)
6+42.26	6" X 6" TEE FOR FH	RESTRRAIN AT FITTING AND TO FH
9+00.94	6"-45" BEND	7' (RESTRAIN AT FITTING ONLY)
9+42.43	6"-22 1/2" BEND	4' (RESTRAIN AT FITTING ONLY)
9+58.27	6" GATE VALVE	55' SOUTH OF VALVE AND FROM VALVE TO TEE AT STA. 9+90.07
9+90.07	8" X 6" TEE	RESTRRAIN AT FITTING ONLY

NOTE: RESTRAINED JOINTS AT ALL FITTINGS.

- MINIMUM 10' TO NEAREST UNRESTRAINED JOINT ON RUN SIDE.

FOREST HILLS DRIVE N.E.

REMOVE AND REPLACE PAVEMENT

STA. 3+25.00 REMOVE AND REPLACE MEDIAN CURB

McKINNEY DRIVE N.E.

STA. 3+70.00 REMOVE AND REPLACE SIDEWALK / CURB AND GUTTER TO REMAIN

STA. 4+76.61, Q BUILD 1 - 4" DIA. DROP MH

STA. 5+93.54, 5.00' RT. BUILD 1 - 4" DIA. TYP. "E" MH

STA. 6+42.26, 5.00' LT. INSTALL 1 - 6"x6" TEE APPROX. 10LF 6" PVC 1 - FIRE HYDRANT 4.5" BURY AS PER STD. DWG. 2340 FLANGE ELEV. = 5260.44

STA. 9+90.07, 5.00' LT. CONNECT TO EXISTING WATERLINE WITH 1 - 8" X 6" TEE w/ BLOCKING TP 66.86+ NON-PRESSURE CONNECTION (FIELD VERIFY HORIZONTAL & VERTICAL LOCATION)

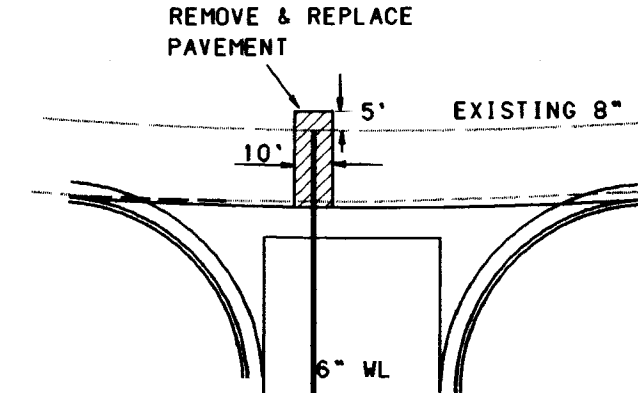
CENTERLINE CURVE DATA		
P.I.	Sta. 5+69.47	
Delta	11 42' 29"	
D	38 11' 49"	
T	15.38'	
L	30.65'	
R	150.00'	

CENTERLINE CURVE DATA		
P.I.	Sta. 9+12.98	
Delta	62 53' 46"	
D	76 23' 38"	
T	45.83'	
L	82.28'	
R	75.00'	

STA. 9+58.37, 5.00' LT. BUILD 1 - 6" GATE VALVE w/ TYPE "A" BOX & LID

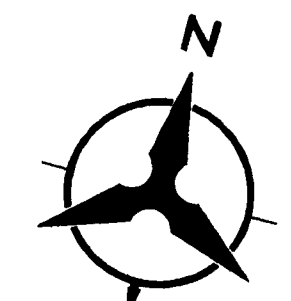
STA. 9+52.38, 5.00' T. BUILD 1 - 4" DIA. TYPE "E" MH

STA. 8+93.28, 8.50' RT. BUILD 1 - 4" DIA. TYPE "E" MH



### WATERLINE BEND TABLE

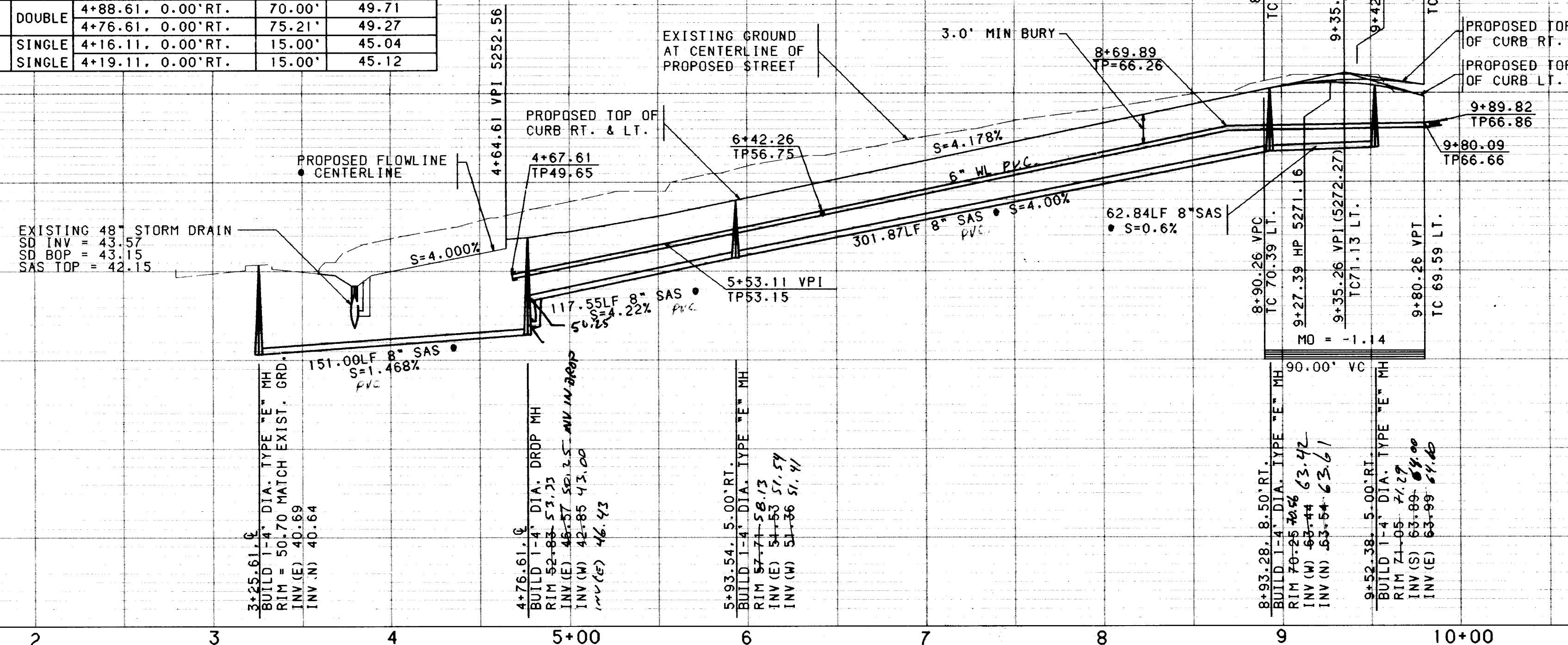
BEND NO.	SIZE	STATION	OFFSET	BEND	TP
1	6"	5+79.61	4.91' LT.	11-1/4"	5254.22
2	6"	8+96.17	1.02' LT.	45°	5266.36
3	6"	9+48.68	4.79' LT.	22-1/2°	5266.56



SCALE: 1" = 50' (HORIZ.)

## MONAHITI PLACE

WATER & SANITARY SEWER SERVICES						WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG
1	9+26.04, 4.88' LT.	DOUBLE	9+42.52, 6.47' RT.	33.02'	64.61	17	4+78.61, 7.00' LT.	DOUBLE	4+69.11, 0.00' RT.	75.00'	48.74
2			8+98.54, 10.54' RT.	41.78'	64.53	18			4+85.11, 0.00' RT.	70.00'	49.66
3	8+91.66, 2.39' LT.	DOUBLE	8+94.45, 8.90' RT.	59.60'	64.77	19	5+84.72, 5.00' LT.	DOUBLE	5+47.63, 0.00' RT.	38.00'	51.57
4			8+91.87, 8.05' RT.	68.43'	64.85	20			6+05.75, 5.00' RT.	43.00'	54.13
5	8+40.78, 5.00' LT.	DOUBLE	8+53.28, 5.00' RT.	33.00'	63.83	21	6+84.26, 5.00' LT.	DOUBLE	6+53.26, 5.00' RT.	43.00'	56.03
6			8+08.28, 5.00' RT.	33.00'	62.03	22			6+95.26, 5.00' RT.	43.00'	57.71
7	7+50.78, 5.00' LT.	DOUBLE	7+63.28, 5.00' RT.	33.00'	60.23	23	7+68.26, 5.00' LT.	DOUBLE	7+37.26, 5.00' RT.	43.00'	59.39
8			7+18.28, 5.00' RT.	33.00'	58.43	24			7+79.26, 5.00' RT.	43.00'	61.07
9	6+60.78, 5.00' LT.	DOUBLE	6+73.28, 5.00' RT.	33.00'	56.63	25	8+21.26, 5.00' RT.	DOUBLE	8+21.26, 5.00' RT.	43.00'	62.75
10			6+28.28, 5.00' RT.	33.00'	54.83	26	8+52.26, 5.00' LT.	DOUBLE	8+81.08, 5.66' RT.	43.00'	65.17
11	6+12.78, 5.00' LT.	SINGLE	5+88.65, 3.98' RT.	34.71'	53.25						
12	5+42.61, 7.00' LT.	SINGLE	5+50.63, 0.00' RT.	38.00'	51.70						
13			4+88.61, 0.00' RT.	70.00'	49.71						
14	4+81.61, 7.00' LT.	DOUBLE	4+76.61, 0.00' RT.	75.21'	49.27						
15	4+72.61, 7.00' LT.	SINGLE	4+16.11, 0.00' RT.	15.00'	45.04						
16	4+75.61, 7.00' LT.	SINGLE	4+19.11, 0.00' RT.	15.00'	45.12						

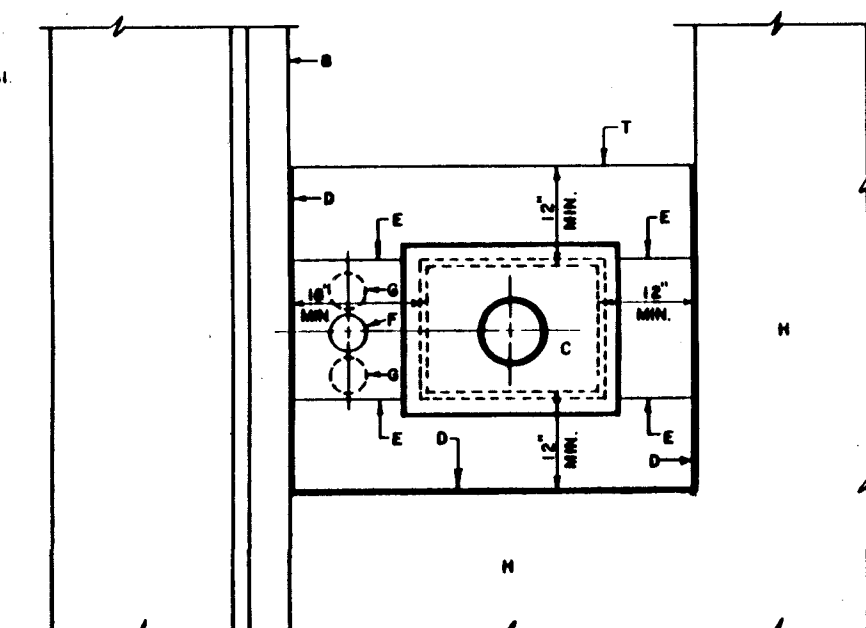


### GENERAL NOTES:

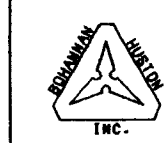
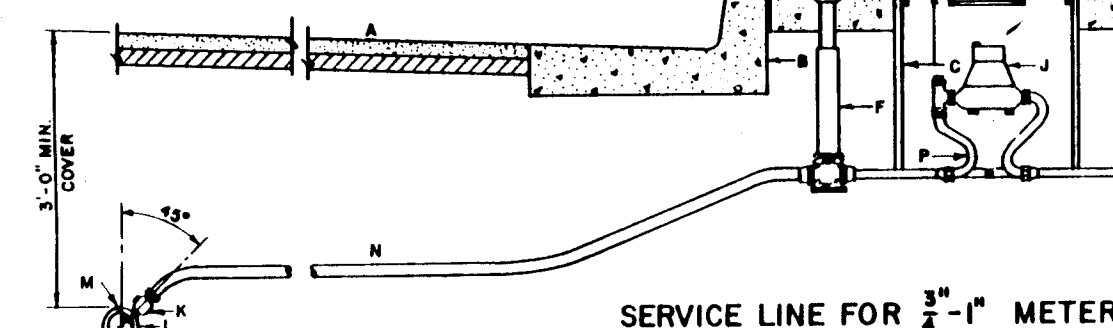
1. THE METER SHALL BE SET UTILIZING A COPPER SETTER. COOPER SETTER HEIGHT 10' FOR 1" METER, 7' FOR 3/4" METER.
2. THE VALVE AND METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX. THE METER REGISTERS SHALL BE WITHIN READING RANGE OF THE LID OPENING.
3. METER BOX LOCATION TO CONFORM TO DWG. 2361.
4. WHEN CONTRACTOR DOES NOT INSTALL METER, HE SHALL PROVIDE REMOVAL PLUGS FOR END OF COPPER SETTER.

### CONSTRUCTION NOTES:

- A. STREET SURFACE.
- B. BACK OF CURB.
- C. METER BOX, COVER & LID.
- D. 1/2" EXPANSION JOINT.
- E. CONTRACTION JOINT.
- F. CURB STOP & BOX FOR SINGLE METER.
- G. LOCATION OF CURB STOP & BOX FOR DOUBLE METERS.
- H. SIDEWALK OR DRIVEWAY.
- I. METER.
- J. CONE-ROD.
- K. MAIN WATER LINE.
- L. TAPPING SADDLE.
- M. SERVICE LINE.
- N. YOKER W/ 1/2" GALV. PIPE IN YOKER.
- O. FULL-PIPE TO P.V. W/ 1/2" GALV. PIPE IN YOKER.
- P. TYPING.
- Q. CONC. PAD REQUIRED IN ALL AREAS.



SEE DWG. 2361 FOR TYPICAL INSTALLATIONS



CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING

JASON DASKALOS ADDITION  
UTILITY PLAN & PROFILE  
MONAHITI PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DR. CHAIRMAN	R. W. Kow	5-11-95	WATER	R. W. Kow	4-19-95
TRANSPORTATION	R. W. Kow	5-11-95	WASTE WATER	R. W. Kow	4-19-95
HYDROLOGY	R. W. Kow	5-11-95			

DRAWING NO. 4621.90 MAP NO. E-18 SHEET 7 OF 7