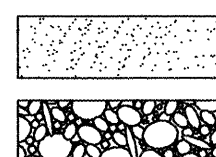


LEGEND

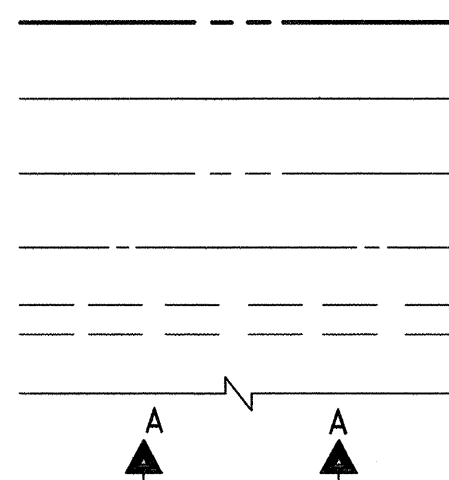
MATERIALS

CONCRETE
RIP-RAP



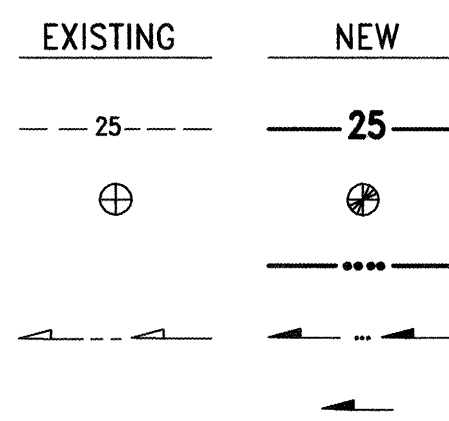
LINES

SUBDIVISION BOUNDARY
PROPERTY LINE (PLAN)
PROPERTY LINE (SECTION)
CENTERLINE
EASEMENT LINE
MATCH LINE
SECTION CUT LINE



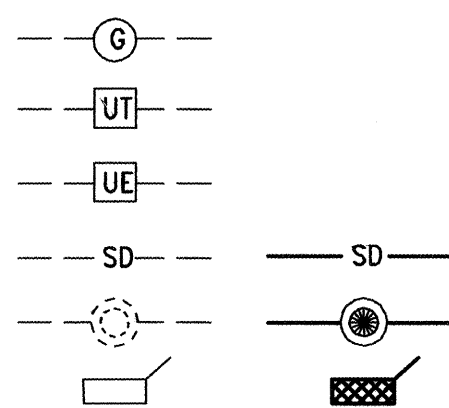
EARTHWORK

CONTOUR LINE
SPOT ELEVATION
PROJECT / PHASE BOUNDARY
FLOWLINE
DIRECTION OF FLOW



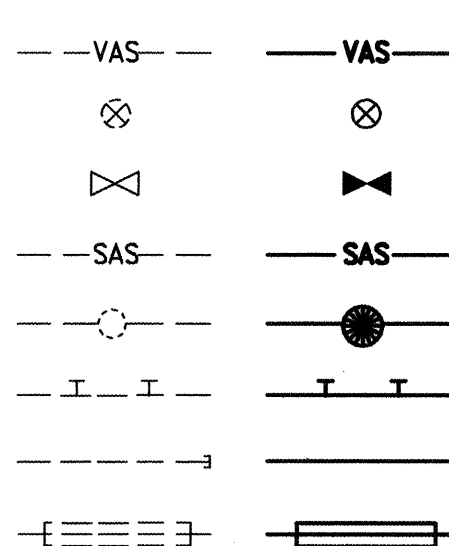
MISCELLANEOUS UTILITIES

GAS LINE
UNDERGROUND TELEPHONE
UNDERGROUND ELECTRICAL
STORM DRAIN
STORM DRAIN MANHOLE
STORM DRAIN INLET



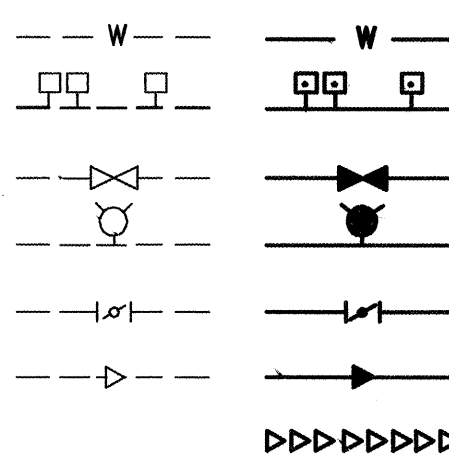
SANITARY SEWER

VACUUM SEWER LINE
VACUUM VALVE PIT
VACUUM DIVISION VALVE
SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT



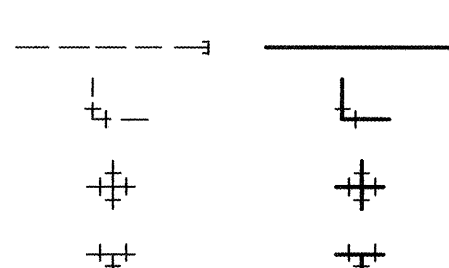
WATER

WATER LINE
WATER SERVICE CONNECTIONS
GATE VALVE
FIRE HYDRANT
BUTTERFLY VALVE
REDUCER
WATER PRESSURE ZONE BOUNDARY



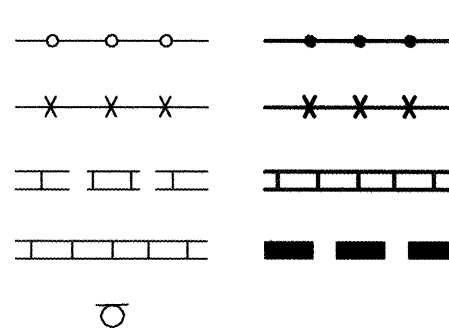
WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE



MISCELLANEOUS

CHAINLINK FENCE
FIELD FENCE
COMMON YARD WALL
RETAINING WALL
POWER OR TELEPHONE POLE



RECORD DRAWING

CONSTRUCTION PLANS

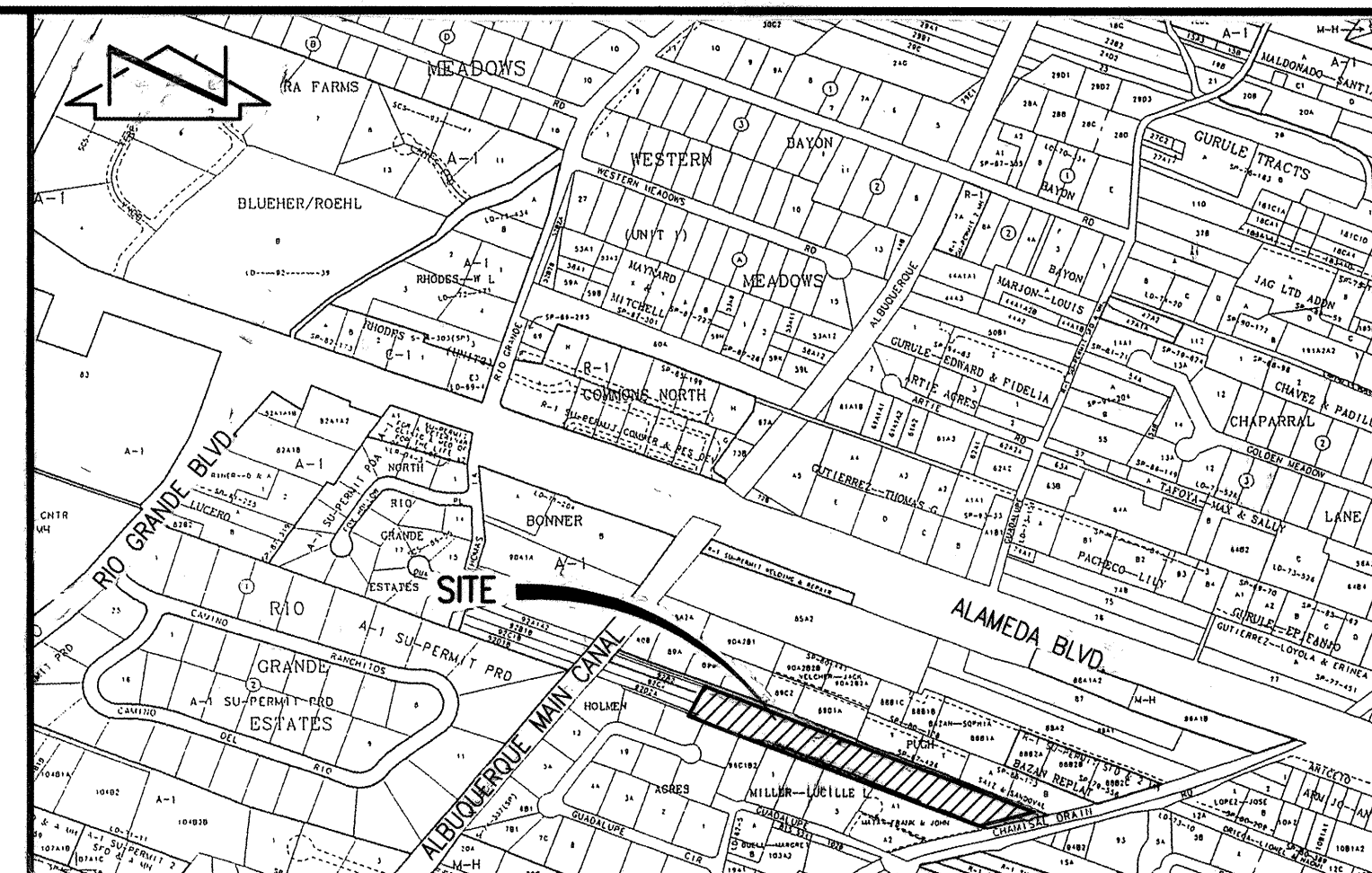
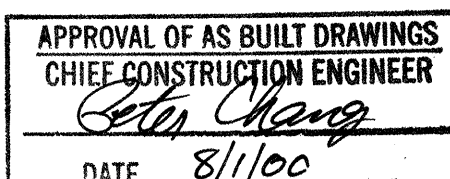
for

HOLBROOK FARMS PUBLIC WATER AND SANITARY SEWER LINE EXTENSIONS

BERNALILLO COUNTY, NEW MEXICO
NOVEMBER, 1999

INDEX OF DRAWINGS

SHEET	DESCRIPTION
1	COVER SHEET, VICINITY MAP, GENERAL NOTES, LEGEND AND INDEX OF DRAWINGS
2,3	PLAT
4	SITE PLAN
5	LINE 'A' STA 10+00.00 TO STA 11+42.49 WATER AND VACUUM SEWER LINE EXTENSIONS PLAN AND PROFILE
6	LINE 'B' STA 7+52.00 TO STA 12+35.00 WATER AND VACUUM SEWER LINE EXTENSIONS PLAN AND PROFILE
7	LINE 'B' STA 12+35.00 TO STA 17+25.00 WATER AND VACUUM SEWER LINE EXTENSIONS PLAN AND PROFILE
8	LINE 'C' STA 15+90.00 TO STA 20+70.00 WATER LINE EXTENSION PLAN AND PROFILE
9	C.O.A. VACUUM SEWER STANDARD DRAWINGS
10	SECTIONS AND DETAILS; WATER VALVE SHUTOFF PLAN
11	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
12	TRAFFIC CONTROL AND SIGNING EXAMPLES

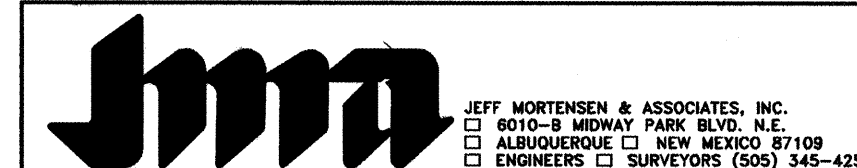


VICINITY MAP
SCALE: 1" = 750'

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-PUBLIC WORKS CONSTRUCTION-1986 - UPDATE NO. 6, OR BERNALILLO COUNTY STANDARDS, WHICHEVER ARE MORE STRINGENT.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- 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 CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF 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 ITS 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.
- SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- BACKFILL AND COMPACTION WITHIN COUNTY RIGHT-OF-WAY AND/OR EASEMENT SHALL BE 95% ASTM D-1557 FOR THE FULL DEPTH OF TRENCH PER COUNTY STANDARD DRAWING 2465.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE PROJECT ENGINEER.
- SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEEPENED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM DIVISION PERSONNEL SHALL OPERATE EXISTING VALVES. REFER TO SECTION 18 OF THE SPECIFICATION. THE WATER SYSTEM DIVISION PHONE NUMBER IS 857-8200.
- CONTRACTOR SHALL NOTIFY THE CITY SURVEYOR 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 ELEVATION 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 SPECIFICATIONS.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING THE 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 BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADING ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATION FOR TRAFFIC CONTROL.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED STRIPING BY CONTRACTOR TO EXISTING LOCATION OR AS INDICATED BY THIS PLAN SET.
- THIS PROJECT IS TO BE CONSTRUCTED UNDER, AND IS SUBJECT TO THE TERMS AND CONDITIONS OF THE MASTER UTILITY EASEMENT AND RIGHT-OF-WAY AGREEMENT ENTERED INTO BETWEEN THE COUNTY OF BERNALILLO AND THE CITY OF ALBUQUERQUE, EFFECTIVE DATE 8/20/90.
- CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

980885



RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
N.M.P.E. No. 8547
Date 7-19-2000

REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE		*****	
DRC Chairman		K. J. J.		11/29/99		11/29/99		APPROVED FOR CONSTRUCTION	
Transportation		Bridley & Bingham		11/29/99		11/29/99		Date	
Water/Wastewater		Bridley & Bingham		11/29/99		11/29/99		City Engineer	
Hydrology		Bridley & Bingham		11/29/99		11/29/99		Date	
B.C.P.W.D.		K. J. J.		11/29/99		11/29/99		City Project No. 598981	
Const. Mngmt.		K. J. J.		11/29/99		11/29/99		SHEET 1 OF 12	
Const. Coord.		K. J. J.		11/29/99		11/29/99			

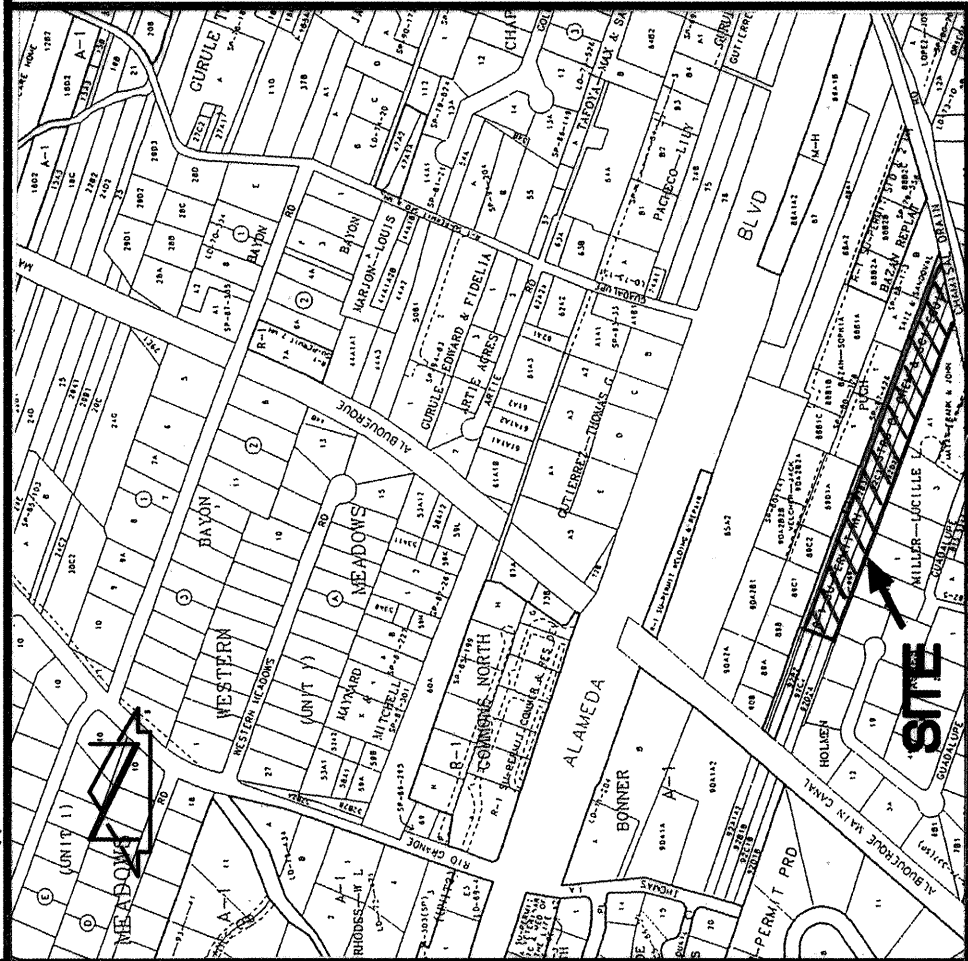
PLAT OF
PARCELS A, B, C, D AND E,
HOLBROOK FARMS
BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER, 1999

SCANNED BY
MESA REPRO

COUNTY CLERK FILING DATA

Notes:

- A boundary and topographic survey was performed in April, 1999. Property corners were found or set as indicated.
- All distances are ground distances.
- Site located within projected Section 9, Township 11 North, Range 3 East, N.M.P.M. (Town of Alameda Grant).
- Bearings shown hereon are based upon the northwest corner of Lot 1, Lands of Jones-Provincia/Sherman and the western most angle point in the north line of the plat of Lot 2, Holbrook Farms, Bernalillo County, New Mexico, December 12, 1997, Book 97C, Page 351, to achieve New Mexico State Plane Grid Bearings; rotate survey bearings 0°00'22" counterclockwise.
- Record bearings and distances are shown in parenthesis.
- No street mileage was created by this plat.
- The purpose of this plat is to:
 - Grant the necessary easements as shown.
 - Create 5 (five) residential parcels from Lot 2, Lands of Jones-Provincia/Sherman.
- Prior to development, City of Albuquerque Water and Sanitary Sewer Service to Parcels A-E Holbrook, filed 11-15-1957, Book B3, Records of Bernalillo County, New Mexico, must be verified and coordinated with the Public Works Department, City of Albuquerque, via a request for a water and sanitary sewer availability statement.
- The following documents and instruments were used for the performance and preparation of this survey:
 - Plat of Lands of Jones-Provincia/Sherman, filed 12-12-1997, Book 97C, Page 351, Records of Bernalillo County, New Mexico.
 - Plat of Lucile L. Miller Subdivision, filed 11-15-1957, Book B3, Page 55, Records of Bernalillo County, New Mexico.
 - Plat of Holmen Acres, filed 08-30-1982, Book C5, Page 129, Records of Bernalillo County, New Mexico.
 - Plat of Lands of Saiz & Sandoval, filed 05-09-1986, Book C30, Page 97, Records of Bernalillo County, New Mexico.
 - Plat of Lands of Pugh, filed 12-23-1987, Book C35, Page 94, Records of Bernalillo County, New Mexico.
 - Plat of Lands of Frank and John Mata, filed 09-05-1990, Book 90C, Page 215, Records of Bernalillo County, New Mexico.
 - Warranty Deed filed 11-19-1996, Book 96-30, Page 8069, Doc. #96125617. (Lot 2)
 - Special Warranty Deed filed 07-15-1993, Book 93-19, Page 143, Doc. #93075992. (Tract Y)
 - Warranty Deed filed 09-09-1987, Book D313A, Page 967, Doc. #08794448. (Tract A)
 - Policy No. 207-608057 prepared by Albuquerque Title Co., Inc. dated November 19, 1996. (Lot 2)
 - Commitment No. 15-25934-1 prepared by Rio Grande Title dated June 14, 1993. (Tract Y)
 - Policy No. 107-303152 prepared by Albuquerque Title Co., Inc. dated September 09, 1987. (Tract A)
 - Boundary and Topographic Survey prepared by Jeff Mortensen & Associates, Inc. dated June 14, 1999. (Unrecorded)



VICINITY MAP
SCALE: 1" = 500'

DEDICATION AND FREE CONSENT

The subdivision hereon is with the free consent and in accordance with the desires of the undersigned owner and does hereby grant the easements as shown, including the rights of ingress and egress and the right to trim interfering trees.

Penelope S. Holbrook _____ Date _____

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

This instrument was acknowledged before me on this _____ day of _____, 1999, by Penelope S. Holbrook.

Notary Public

RECORD DRAWING

PRELIMINARY

CITY PROJECT # 598981



JEFF MORTENSEN & ASSOCIATES, INC.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250
JOB #98084 C2

LINE	DIRECTION	DISTANCE	LINE	DIRECTION	DISTANCE	LINE	DIRECTION	DISTANCE	LINE	DIRECTION	DISTANCE
L1	S 69°23'46" E	770.99'	(L1)	S 69°22'54" E	770.94'	97C-351					
L2	N 86°15'17" E	11.11'	(L2)	N 86°16'05" E	11.18'	97C-351					
L3	S 69°18'51" E	90.58'	(L3)	S 69°19'56" E	90.51'	97C-351					
L4	S 68°48'25" E	206.43'	(L4A)	S 68°47'30" E	206.51'	97C-351					
			(L4B)	N 69°01'00" W	205.17'	C35-94					
L5	S 68°27'14" E	255.29'	(L5)	S 68°27'06" E	255.30'	97C-351					
L6	S 68°41'24" E	188.68'	(L6)	S 68°47'57" E	188.65'	97C-351					
L7	S 76°12'05" E	272.08'	(L7)	S 78°11'36" W		97C-351					
L8	N 68°24'59" W	166.35'	(L8)	N 68°24'44" W		97C-351					
L9	N 69°18'10" W	327.40'									
L10	S 31°29'15" W	10.01'	(L10)	S 31°54'44" W	10.00'	97C-351					
L11	N 69°23'37" W	474.89'	(L11)	N 69°24'02" W	474.81'	97C-351					
L12	N 69°15'12" W	309.94'	(L12)	N 69°13'35" W	309.97'	97C-351					
L13	N 16°14'13" E	155.77'	(L13)	N 16°14'14" E	155.86'	97C-351					

EASEMENT TABLES

CURVE	RADIUS	LENGTH	BEARING	CHORD	DELTA
EC1	10.00'	15.99'	S 23°35'46" E	14.34'	91°35'57"
EC2	10.00'	15.43'	N 66°24'12" E	13.94'	86°24'03"

LINE	DIRECTION	DISTANCE	LINE	DIRECTION	DISTANCE
E1	S 68°27'14" E	20.00'			
E2	S 31°35'23" W	33.00'			
E3	N 68°27'14" W	25.00'			
E4	N 21°35'23" E	13.00'			
E5	N 68°27'14" W	30.87'			
E6	N 68°48'25" W	112.02'			
E7	S 21°35'23" W	13.00'			
E8	N 68°48'25" W	20.00'			
E9	N 21°35'23" E	13.00'			
E10	N 68°48'25" W	74.26'			
E11	N 69°18'51" W	86.16'			
E12	S 86°15'17" W	11.09'			
E13	N 69°23'46" W	457.89'			
E14	S 22°12'10" W	136.13'			
E15	N 69°15'12" W	30.01'			
E16	N 22°12'10" E	123.05'			
E17	N 69°23'46" W	20.34'			
E18	N 20°36'14" E	13.00'			
E19	N 69°23'46" W	86.67'			
E20	S 20°36'14" W	10.00'			
E21	N 69°23'46" W	25.00'			
E22	N 20°36'14" E	30.00'			
E23	N 16°14'13" E	20.06'			
E24	S 69°15'12" E	273.83'			
E25	S 22°12'10" W	20.01'			
E26	N 69°15'12" W	271.74'			
E27	S 22°12'10" W	19.73'			
E28	S 69°23'46" E	30.01'			
E29	N 22°12'10" E	20.29'			
E30	N 69°23'46" W	50.02'			
T1	N 22°12'10" E	40.29'			

PLAT OF
PARCELS A, B, C, D AND E,
HOLBROOK FARMS
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER, 1999

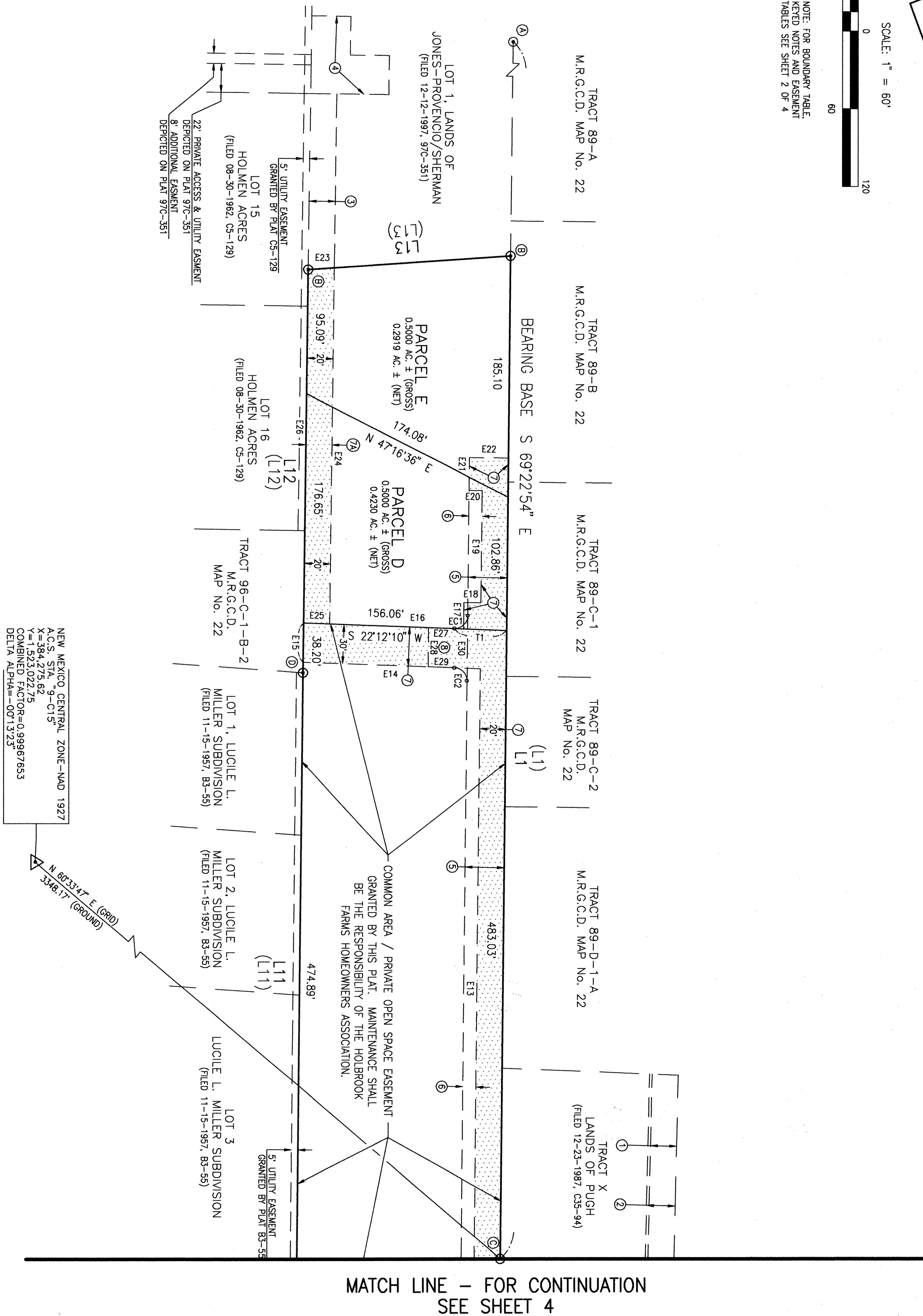
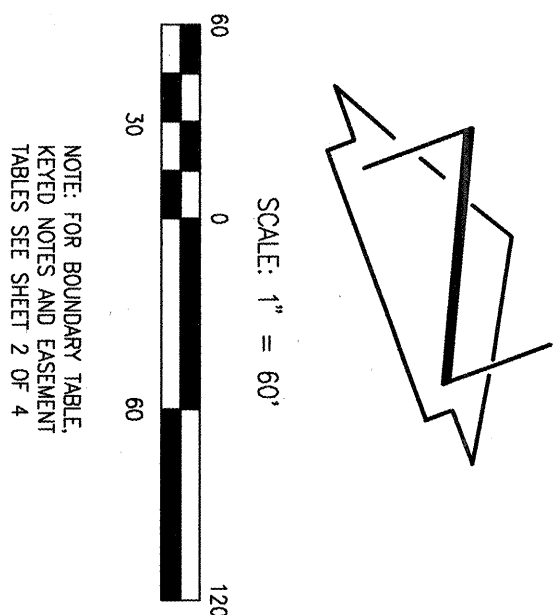
DESCRIPTION

A certain tract of land located within the Town of Alameda Grant, Bernalillo County, New Mexico, comprising Lot 2, Lands of Jones-Provincia/Sherman, as the same is shown and designated on the plat of Lot 2, Holbrook Farms, Bernalillo County, New Mexico, filed in the Office of the County Clerk of Bernalillo County, New Mexico, on September 12, 1997, Book 97C, Page 351, and being more particularly described as follows:

Beginning at the southwest corner of the parcel herein described, being the southwest corner of said Lot 2, also being the southeast corner of Lot 1 of said Lands of Jones-Provincia/Sherman, and also being a point on the north property line of said Lot 2, a distance of 10.01 feet, to the northeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129, thence N 16°14'13" E a distance of 155.77 feet to the northwest corner of the parcel herein described, being the northwest corner of said Lot 2, also being the northeast corner of said Lot 1, and also being a point on the south property line of Tract 89-B, as shown on the MRCCD Property Map No. 22, thence S 69°23'46" E a distance of 1770.99 feet, being an angle point on the south property line of said Lot 2, a distance of 1770.99 feet, to the northeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 23, 1987, Book C35, Page 94; thence N 86°15'17" E a distance of 11.11 feet, to an angle point on the south property line of said Tract X; thence S 69°18'51" E a distance of 90.58 feet, to the southeast corner of said Tract X; also being the southwest corner of Tract Y of said Lands of Pugh; thence S 69°46'25" E a distance of 206.43 feet, to the northeast corner of said Tract Y, also being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 78°12'05" W a distance of 327.40 feet, to the northwest corner of Tract 95-A-1, as shown on the MRCCD Property Map No. 22; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northwest corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A, also being the southwest corner of Tract B of said Lands of Saiz and Sandoval; thence S 68°47'24" E a distance of 188.68 feet to the northeast corner of the parcel herein described, being the southeast corner of the parcel herein described, being the southeast corner of the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on August 30, 1982, Book C5, Page 129; thence S 78°12'05" W a distance of 272.08 feet along said west right-of-way line to the southeast corner of the parcel herein described, being the northeast corner of Lot A-1, Lands of Frank and John Mata as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on September 05, 1990, Book 90C, Page 215; thence N 68°24'59" W a distance of 166.35 feet, to a corner of Lot A-1, also being the southwest corner of said Tract B; thence S 31°29'15" W a distance of 10.01 feet, to the southwest corner of said Tract 95-A-1, also being the northeast corner of said Lot A-1, and also being the northeast corner of Lot 3, Lucile L. Miller Subdivision as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on May 09, 1986, Book C30, Page 97; thence S 68°27'14" E a distance of 255.29 feet, to the southeast corner of said Tract A,

PLAT OF
**PARCELS A, B, C, D AND E,
HOLBROOK FARMS**
BERNALILLO COUNTY, NEW MEXICO
SEPTEMBER, 1999

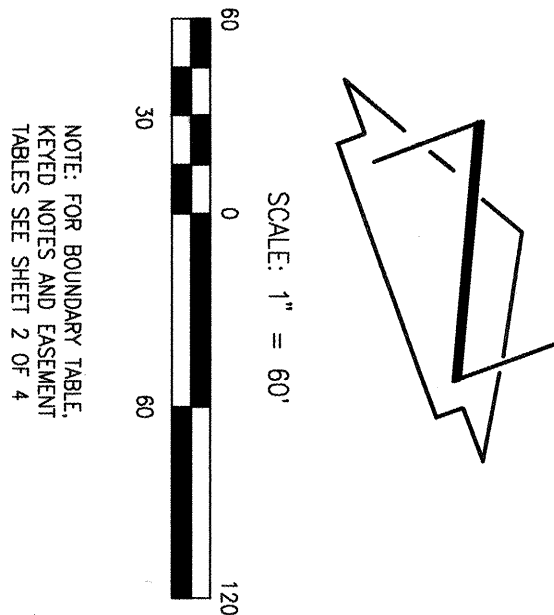
COUNTY CLERK FILING DATA



JEFF MORTENSEN & ASSOCIATES, INC.
6000 B MIDWAY PARK BLVD. NE
SUITE 100
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS LICENSE NO. 15230
SURVEYORS LICENSE NO. 345-4250
JOB #990884 P3

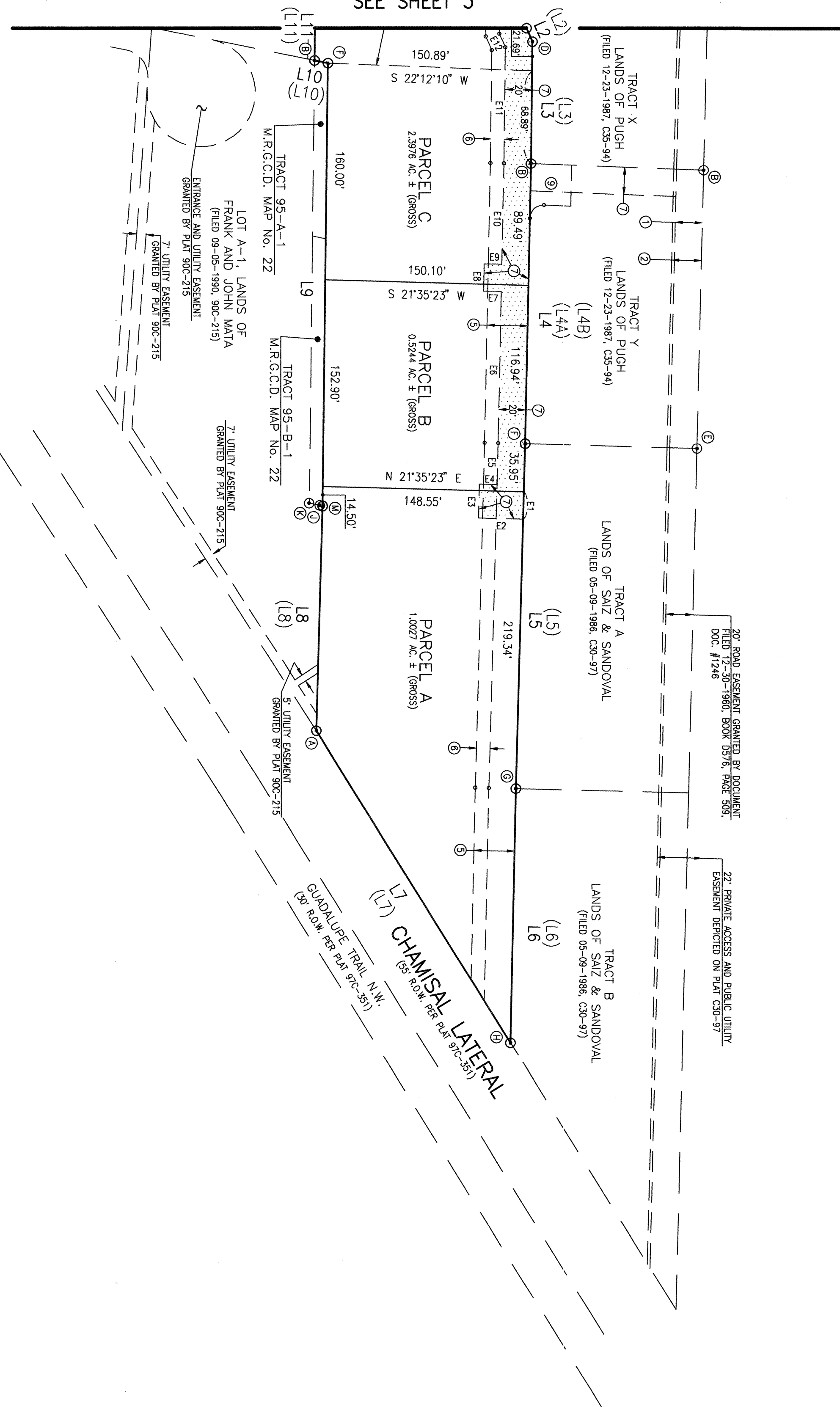
PLAT OF
**PARCELS A, B, C, D AND E,
HOLBROOK FARMS**
BERNALILLO COUNTY, NEW MEXICO
NOVEMBER, 1999

COUNTY CLERK FILING DATA



RECORD
DRAWING

MATCH LINE - FOR CONTINUATION
SEE SHEET 3



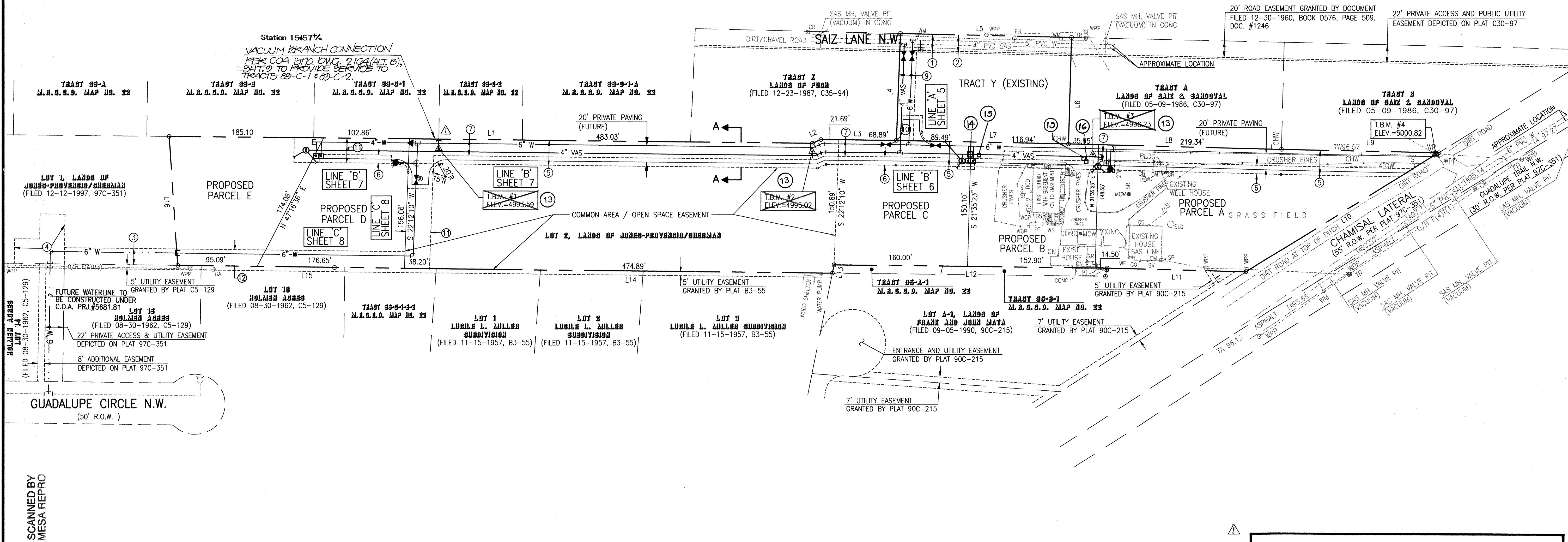
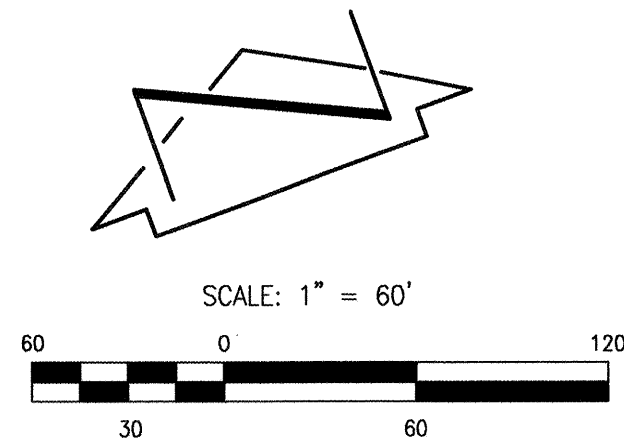
PRELIMINARY

SCANNED BY
MESA REPRO



JEFF MORTENSEN & ASSOCIATES, INC.
6000 B MIDWAY PARK BLVD. NE
SUITE 100
ALBUQUERQUE, NEW MEXICO 87109
ENGINEERS LICENSE NO. 15230
SURVEYORS LICENSE NO. 345-4250
JOB #990884 P4

RECORD DRAWING

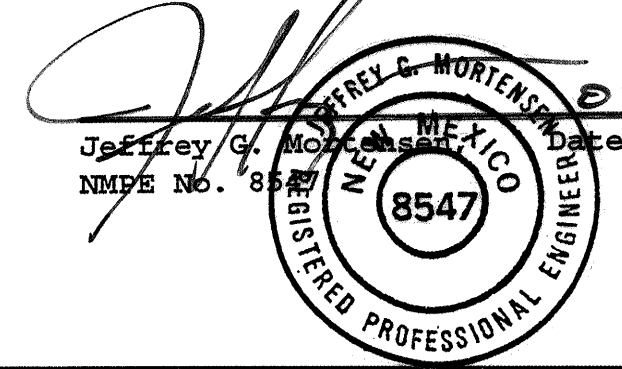


RECORD DRAWING

NOTE:
THIS IS NOT A BOUNDARY SURVEY. PROPERTY CORNERS SHOWN HEREON ARE FOR INFORMATION ONLY. BOUNDARY DATA TAKEN FROM BOUNDARY AND TOPOGRAPHIC SURVEY PERFORMED BY THIS OFFICE, JUNE 1999.

RECORD DRAWING

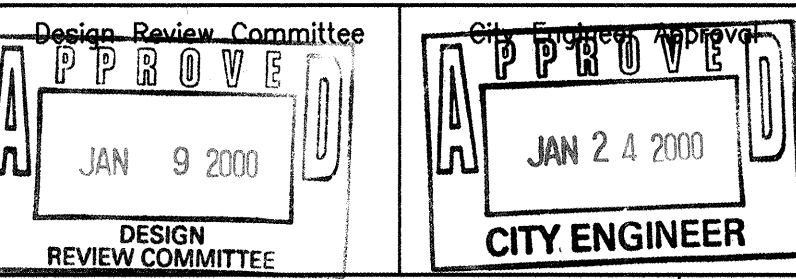
I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.



JEFF MORTENSEN & ASSOCIATES, INC.
4010-B MIDWAY PARK BLVD. N.E.
ALBUQUERQUE, N.M. 87110
ENGINEERS & SURVEYORS (505) 345-4250

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: HOLBROOK FARMS PUBLIC WATER AND SANITARY SEWER LINE EXTENSIONS SITE PLAN



City Project No. 598981 Zone Map No. B-15 Sheet 4 of 12

BOUNDARY TABLE

LINE	DIRECTION	DISTANCE
L1	S 69°23'46" E	770.99'
L2	N 86°15'17" E	11.11'
L3	S 69°18'51" E	90.58'
L4	N 22°12'10" E	127.52'
L5	S 68°36'58" E	205.06'
L6	S 21°35'23" W	126.82'
L7	N 68°48'25" W	206.43'
L8	S 68°27'14" E	255.29'
L9	S 68°47'24" E	188.68'
L10	S 78°12'05" W	272.08'
L11	N 68°24'59" W	166.35'
L12	N 69°18'10" W	327.40'
L13	S 31°29'15" W	10.01'
L14	N 69°23'37" W	474.89'
L15	N 69°15'12" W	309.94'
L16	N 16°14'13" E	155.77'

KEYED NOTES

- 20' WATERLINE EASEMENT GRANTED BY DOCUMENT FILED 05-13-1982, BOOK MISC. 930, PAGE 311, DOC. #8225254
- 22' PRIVATE ACCESS AND PUBLIC UTILITY EASEMENT AS DEPICTED ON PLAT C35-94
- 20' WATER AND SANITARY SEWER EASEMENT GRANTED BY PLAT 97C-351
- EMERGENCY TURNAROUND EASEMENT GRANTED BY PLAT 97C-351
- 30' PRIVATE ROADWAY EASEMENT TO BE GRANTED BY PLAT
- 10' PUBLIC UTILITY EASEMENT TO BE GRANTED BY PLAT
- 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY PLAT
- 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- 30' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- 20' PUBLIC WATERLINE EASEMENT TO BE GRANTED BY PLAT

T.B.M. #1

JMA CONTROL POINT #52 AS SHOWN ON DRAWING ELEV.=4993.59 FEET (M.S.L.D.)

T.B.M. #2

JMA CONTROL POINT #50 AS SHOWN ON DRAWING ELEV.=4995.02 FEET (M.S.L.D.)

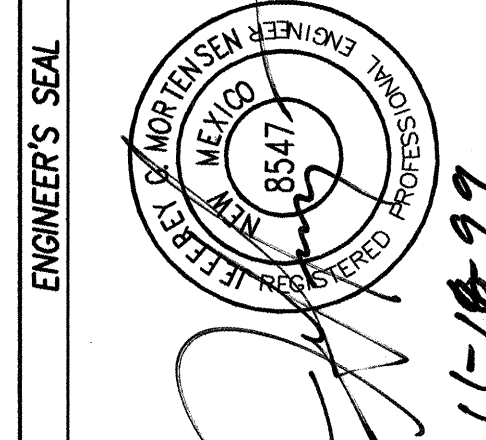
T.B.M. #3

JMA CONTROL POINT #54 AS SHOWN ON DRAWING ELEV.=4996.23 FEET (M.S.L.D.)

T.B.M. #4

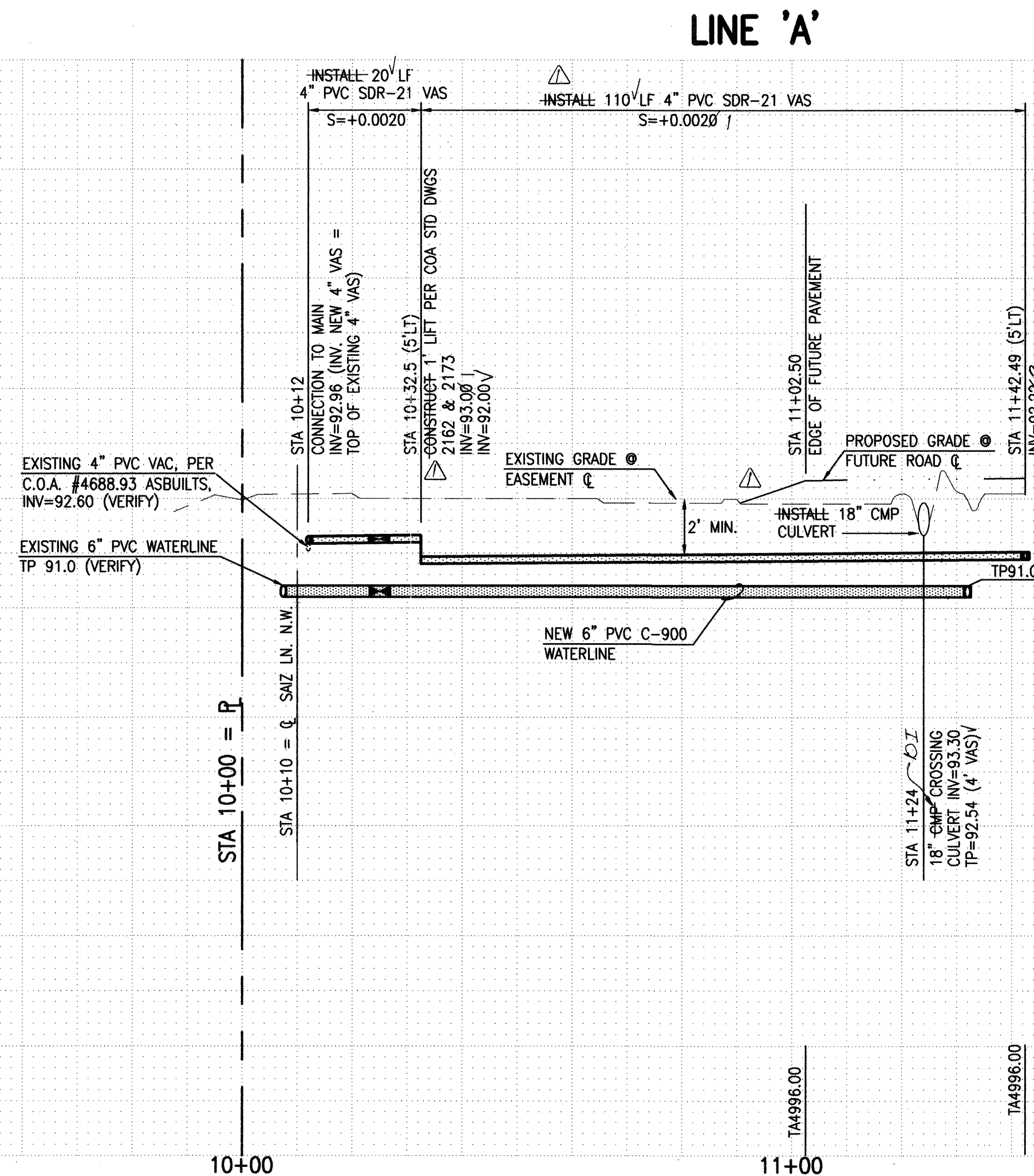
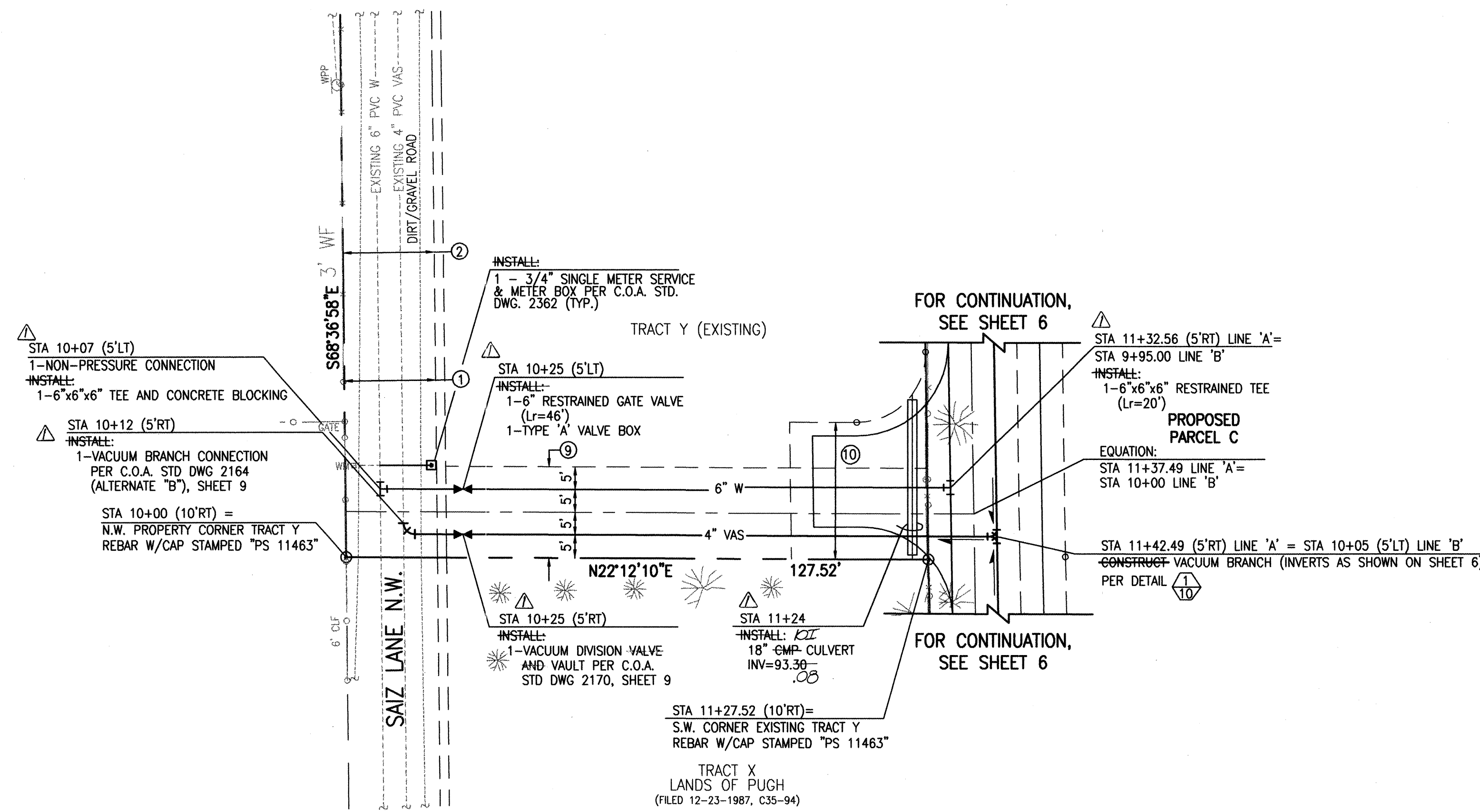
RAILROAD SPIKE IN WOOD POWER POLE, NEAR N.E. CORNER OF EXISTING LOT 2. AS SHOWN ON DRAWING ELEV.=5000.82 FEET (M.S.L.D.)

- 20' PUBLIC WATER AND SANITARY SEWER EASEMENT GRANTED BY PLAT 97C-351
- TBM'S WERE DESTROYED DURING CONSTRUCTION
- ELEC X-FMR STA 9+20.3, 10.9' LT @ C/L N.FACE
- TELE RISER STA 9+15.94, 12.5' LT STA 7+73.15, 12.5' LT
- CATV RISER STA 7+73.08, 13.9' LT



DESIGNED BY: J.M. DATE: 11-1999
DRAWN BY: DLM/J.Y.R. DATE: 11-1999
CHECKED BY: J.G.M. DATE: 11-1999

SCANNED BY
MESA REPRO



KEYED NOTES

- 20' WATERLINE EASEMENT GRANTED BY DOCUMENT FILED 05-13-1982, BOOK MISC. 930, PAGE 311, DOC. #8225254
- 22' PRIVATE ACCESS AND PUBLIC UTILITY EASEMENT AS DEPICTED ON PLAT C35-94
- 20' WATER AND SANITARY SEWER EASEMENT GRANTED BY PLAT 97C-351
- EMERGENCY TURNAROUND EASEMENT GRANTED BY PLAT 97C-351
- 30' PRIVATE ROADWAY EASEMENT TO BE GRANTED BY PLAT
- 10' PUBLIC UTILITY EASEMENT TO BE GRANTED BY PLAT
- 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY PLAT
- 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- 30' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- 20' PUBLIC WATERLINE EASEMENT TO BE GRANTED BY PLAT

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

⑨ 20' PUBLIC WATER AND SANITARY SEWER EASEMENT
FILED 12-06-20
BK. - 0015, PG. - 0513
DOC. # 1999149971

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
N.M.E.E. No. 8547
Date 07-19-2000

RECORD DRAWING

WATERLINE CONSTRUCTION NOTES:

- ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
- FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
- FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-902 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
- WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
- IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
- VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
- JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
- JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
- FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
- ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.

SANITARY SEWER CONSTRUCTION NOTES:

- ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
- ALL SEWER PIPE SHALL BE PVC (SDR-21).
- SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
- VACUUM SEWERLINE SHALL HAVE A MINIMUM COVER OF 2'-0" (PROPOSED FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
- WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

JMA

JEFF MORTENSEN & ASSOCIATES, INC.
1000 N. 10TH AVE. SUITE 100
ALBUQUERQUE, NM 87102
PHONE: (505) 243-4250

980885

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: HOLBROOK FARMS
LINE 'A' STA 10+00.00 TO STA11+42.49
WATER AND VACUUM SEWER LINE EXTENSIONS PLAN & PROFILE

DESIGN REVIEW COMMITTEE APPROVED JAN 9 2000	CITY ENGINEER APPROVED JAN 24 2000	REVISIONS DESIGN	DATE 11-16-99
---	--	---------------------	------------------

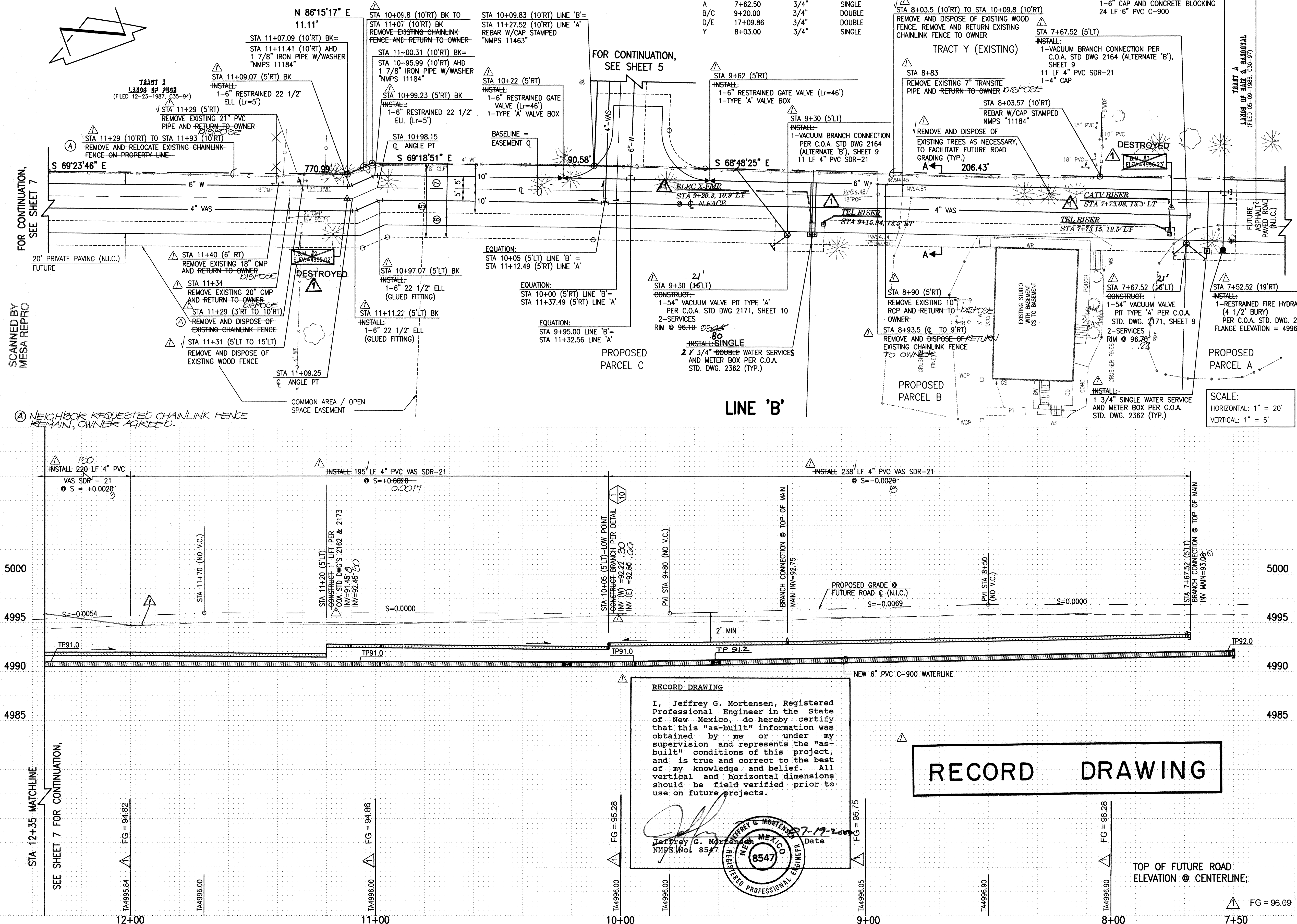
- ① 20' WATERLINE EASEMENT GRANTED BY DOCUMENT FILED 05-13-1982, BOOK MISC. 930, PAGE 311, DOC. #8225254
- ② 22' PRIVATE ACCESS AND PUBLIC UTILITY EASEMENT AS DEPICTED ON PLAT C35-94
- ③ 20' WATER AND SANITARY SEWER EASEMENT GRANTED BY PLAT 97C-35
- ④ EMERGENCY TURNAROUND EASEMENT GRANTED BY PLAT 97C-351
- ⑤ 30' PRIVATE ROADWAY EASEMENT TO BE GRANTED BY PLAT
- ⑥ 10' PUBLIC UTILITY EASEMENT TO BE GRANTED BY PLAT

- ⑦ 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- ⑧ PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY PLAT
- ➔ ⑨ 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- ⑩ PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- ⑪ 30' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- ⑫ 20' PUBLIC WATERLINE EASEMENT TO BE GRANTED BY PLAT.

9 20' PUBLIC WATER & SANITARY SEWER LINE EASEMENT
FILED: 12-06-99, BK-9915, PG-9513, DOC. # 1999149971

PARCEL/ TRACT	STATION	SIZE	INVERT @ PL/ EASEMENT EDGE
A	7+67.50	4"	-91.20 89.75
B	7+67.50	4"	-91.15 89.75
C	9+30.00	4"	-91.25 88.85
D	17+18.30	4"	88.35 86.85
E	17+18.30	4"	88.10 86.60
Y	9+30.00	4"	-91.80 89.30

PARCEL/ TRACT	STATION	SIZE	TYPE
A	7+62.50	3/4"	SINGLE
B/C	9+20.00	3/4"	DOUBLE
D/E	17+09.86	3/4"	DOUBLE
Y	8+03.00	3/4"	SINGLE



1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-902 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
13. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
14. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR-21).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. VACUUM SEWERLINE SHALL HAVE A MINIMUM COVER OF 2'-0" (PROPOSED FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. N.E.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4251

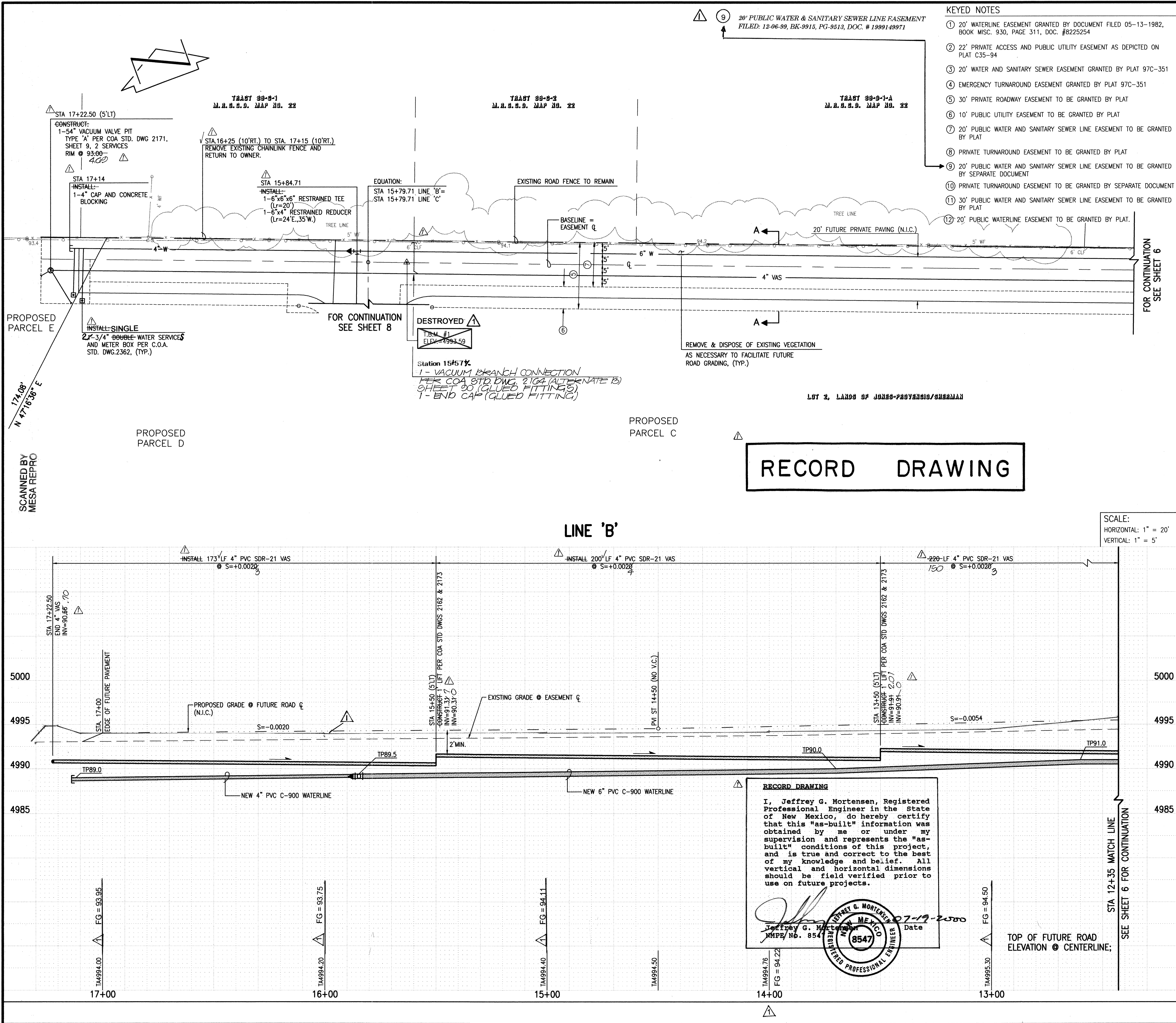
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: HOLBROOK FARMS
LINE 'B' STA 7+52.00 TO STA 12+35.00
WATER AND VACUUM SEWER LINE EXTENSIONS PLAN & PROFILE

DESIGN REVIEW COMMITTEE		CITY ENGINEER		Mo./Day/Yr.	Mo./Day/Yr.
APPROVED	JAN 9 2000	APPROVED	JAN 24 2000		
	DESIGN REVIEW COMMITTEE		CITY ENGINEER		
Last Design Update					

City Project No.	598981	Zone Map No.	B-15	Sheet	6	Of	12
------------------	--------	--------------	------	-------	---	----	----

File Path:	E:\DATA\AQD14\980885\	Plot Date:	11-16-1999
File Name:	980885P2.DWG	Plot Time:	08:17 am



RECORD DRAWING

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
MPE No. 8547

DATE 07-19-2000

PROFESSIONAL ENGINEER
NEW MEXICO
8547

- KEYED NOTES
- 20' WATERLINE EASEMENT GRANTED BY DOCUMENT FILED 05-13-1982, BOOK MISC. 930, PAGE 311, DOC. #8225254
 - 22' PRIVATE ACCESS AND PUBLIC UTILITY EASEMENT AS DEPICTED ON PLAT C35-94
 - 20' WATER AND SANITARY SEWER EASEMENT GRANTED BY PLAT 97C-351
 - EMERGENCY TURNAROUND EASEMENT GRANTED BY PLAT 97C-351
 - 30' PRIVATE ROADWAY EASEMENT TO BE GRANTED BY PLAT
 - 10' PUBLIC UTILITY EASEMENT TO BE GRANTED BY PLAT
 - 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
 - PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY PLAT
 - 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
 - PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
 - 30' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
 - 20' PUBLIC WATERLINE EASEMENT TO BE GRANTED BY PLAT.

- WATERLINE CONSTRUCTION NOTES:
- ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
 - FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
 - FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-902 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
 - WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
 - VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
 - JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
 - FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
 - ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.
- SANITARY SEWER CONSTRUCTION NOTES:
- ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
 - ALL SEWER PIPE SHALL BE PVC (SDR-21).
 - SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
 - VACUUM SEWERLINE SHALL HAVE A MINIMUM COVER OF 2'-0" (PROPOSED FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
 - WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.

980885

JEFF. MORTENSEN & ASSOCIATES, INC.
6009 S MIDWAY PARK BLVD. NE
ALBUQUERQUE, NM 87109
ENGINEERS & SURVEYORS (C) 345-4290

NO.	DATE	REMARKS
1	11-1999	DESIGN
2	11-1999	Revisions
3	11-1999	DESIGN

Designed By C.J.S.
Drawn By J.V.R./D.L.M.
Checked By J.C.M.

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: LINE 'B' STA 12+35.00 TO STA 17+25.00
WATER AND VACUUM SEWER LINE EXTENSIONS PLAN & PROFILE

APPROVED
JAN 9 2000
DESIGN REVIEW COMMITTEE

APPROVED
JAN 2 2000
CITY ENGINEER

City Project No. 598981
Zone Map No. B-15
Sheet 7 of 12

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Hydro Systems, Inc.	ACCS	3 1/4" ALUMINUM CAP RIVETED TO AN ALUMINUM PIPE PROJECTING 0.25' ABOVE GROUND STAMPED "9-C15, 1991"	DATE	6/99	NO.	980882
STATION	J.M.A.	IS LOCATED NEAR THE NORTHWEST CORNER OF THE INTERSECTION OF	DATE	01/00	BY	J.M.A.	
INSPECTOR'S	M.B.G./R.R.H.	ORTEGA ROAD N.W. WITH THE ALBUQUERQUE MAIN CANAL	DATE	02/00	NO.		
FIELD	J.M.A.	ELEVATION = 4993.87 FEET (M.S.L.D.)	DATE	03/00	NO.		
VERIFICATION	J.M.A.		DATE		NO.		
CORRECTED BY			DATE		NO.		
RECORDED BY			DATE		NO.		

- ① 20' WATERLINE EASEMENT GRANTED BY DOCUMENT FILED 05-13-1982, BOOK MISC. 930, PAGE 311, DOC. #8225254
- ② 22' PRIVATE ACCESS AND PUBLIC UTILITY EASEMENT AS DEPICTED ON PLAT C35-94
- ③ 20' WATER AND SANITARY SEWER EASEMENT GRANTED BY PLAT 97C-351
- ④ EMERGENCY TURNAROUND EASEMENT GRANTED BY PLAT 97C-351
- ⑤ 30' PRIVATE ROADWAY EASEMENT TO BE GRANTED BY PLAT
- ⑥ 10' PUBLIC UTILITY EASEMENT TO BE GRANTED BY PLAT
- ⑦ 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- ⑧ PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY PLAT
- ⑨ 20' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- ⑩ PRIVATE TURNAROUND EASEMENT TO BE GRANTED BY SEPARATE DOCUMENT
- ⑪ 30' PUBLIC WATER AND SANITARY SEWER LINE EASEMENT TO BE GRANTED BY PLAT
- ⑫ 20' PUBLIC WATERLINE EASEMENT TO BE GRANTED BY PLAT.

**LOT 1, LANDS OF
JONES-PROVENCHER/SHERMAN**
(FILED 12-12-1997, 97C-351)

STA 20+03.81 = R_L

TENSION

INSTALL:
1-6" CAP & CONCRETE
BLOCKING

STA 20+03.02 = S
PROPERTY CORNER

LOT 15
HOLMEN ACRES
(FILED 08-30-1962, C5-129)

PROPOSED
PARCEL E

PROPOSED
PARCEL D

△ ✓ STA 17+19 (3'RT) TO
STA 18+35 (3'RT)
REMOVE AND DISPOSE OF
EXISTING WOOD FENCE;
REMOVE EXISTING CHAINLINK
FENCE AND RETURN TO
OWNER

BASELINE - EASEL

GRANTED BY PLAT C5-129

REMOVE AND

STA 17+16.03

LINE 'C'

RECORD DRAWING

SCALE:
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 5'

RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortenson
NMPE No. 8547

JEFFREY G. MORTENSON
NEW MEXICO
8547
REGISTERED PROFESSIONAL ENGINEER

7-19-
Date

TOP OF FUTURE
ROAD ELEVATION
@ CENTERLINE:

WATERLINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-902 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS NOT TO EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
13. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
14. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.

SANITARY SEWER CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR-21).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. VACUUM SEWERLINE SHALL HAVE A MINIMUM COVER OF 2'-0" (PROPOSED FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.



JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. NE.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250

980885

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: HOLBROOK FARMS
LINE 'C' STA 15+90.00 TO STA 20+70.00
WATER LINE EXTENSION PLAN & PROFILE

Design Review Committee

APPROVED

JAN 9 2000

DESIGN
REVIEW COMMITTEE

City Engineer Approval

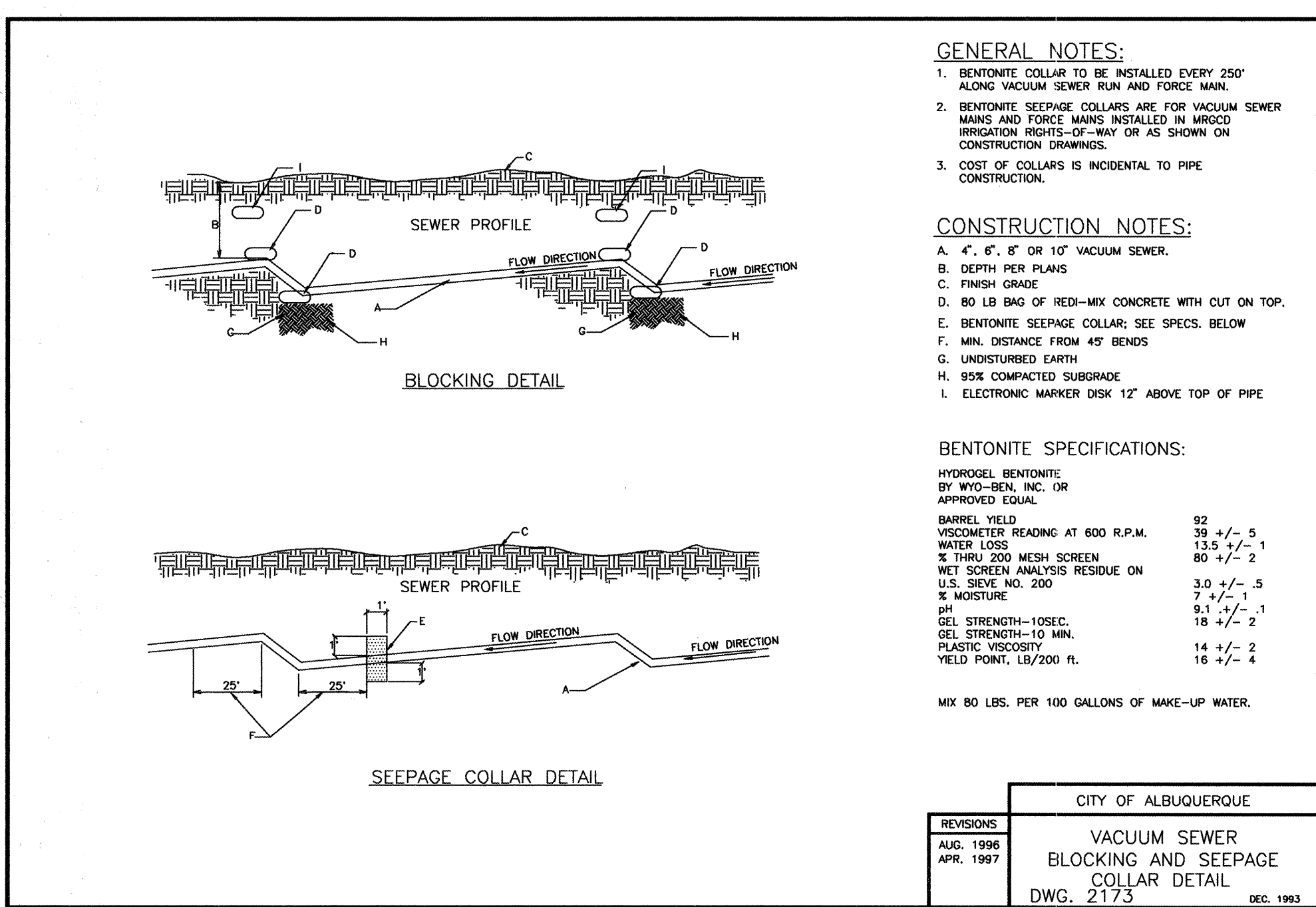
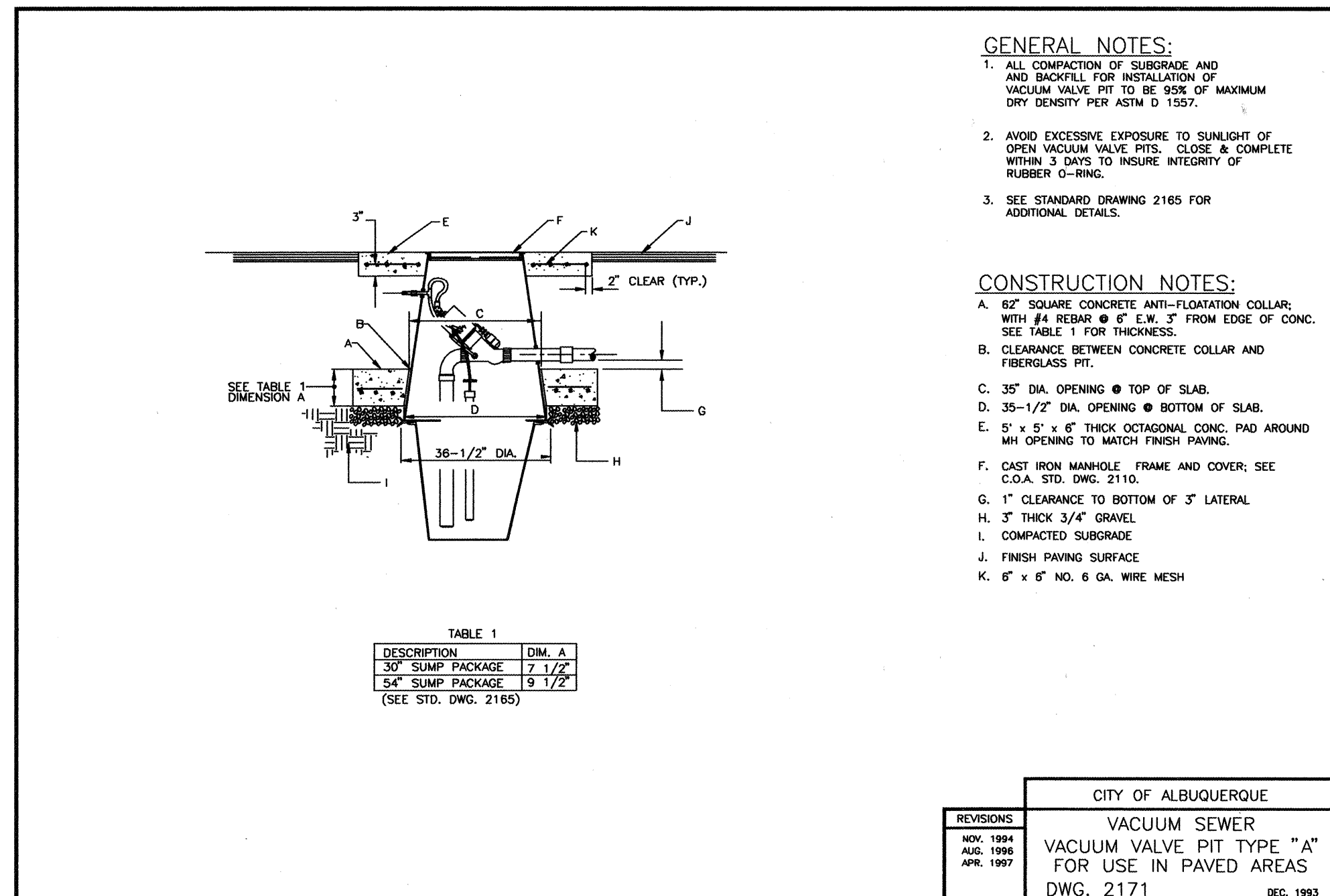
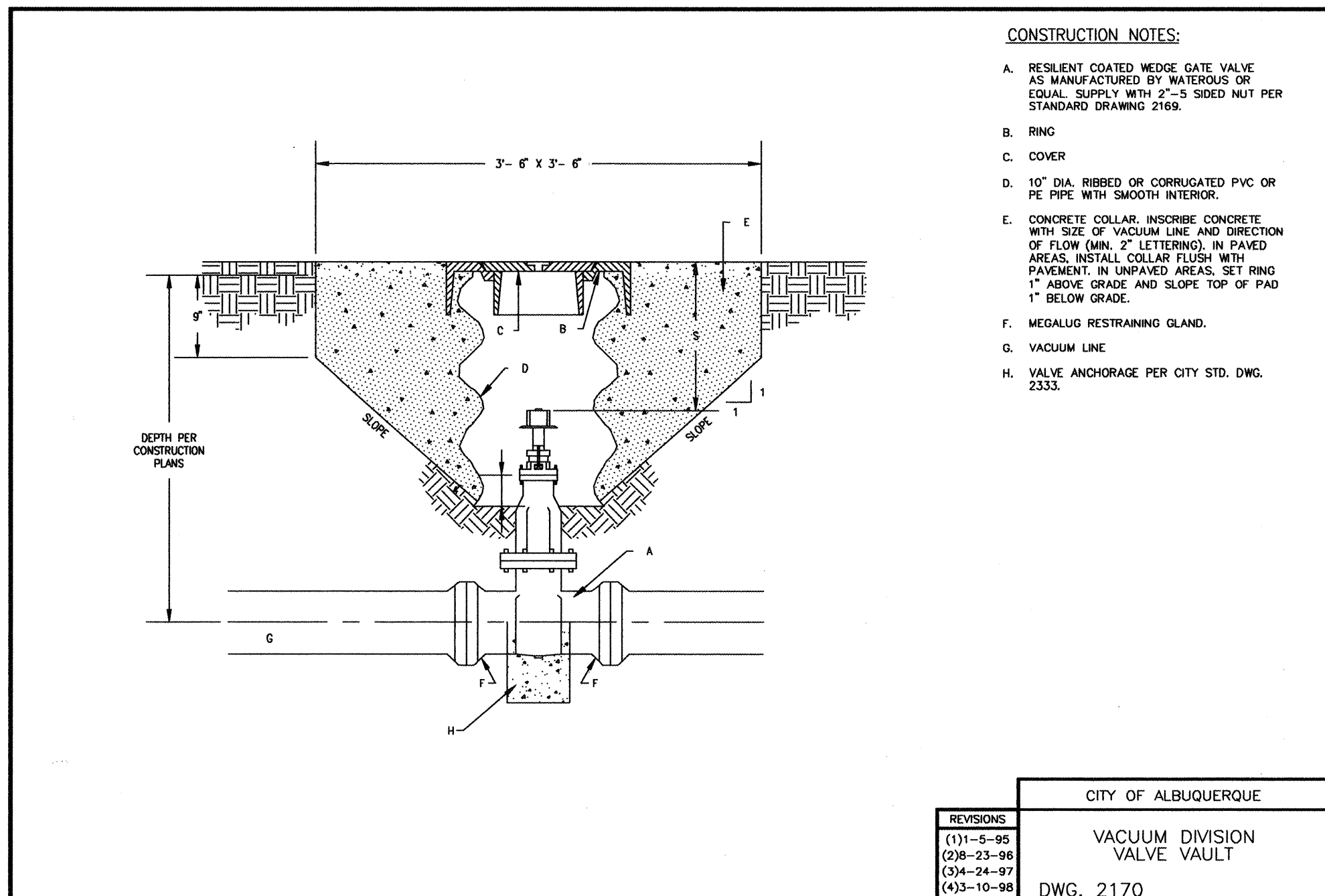
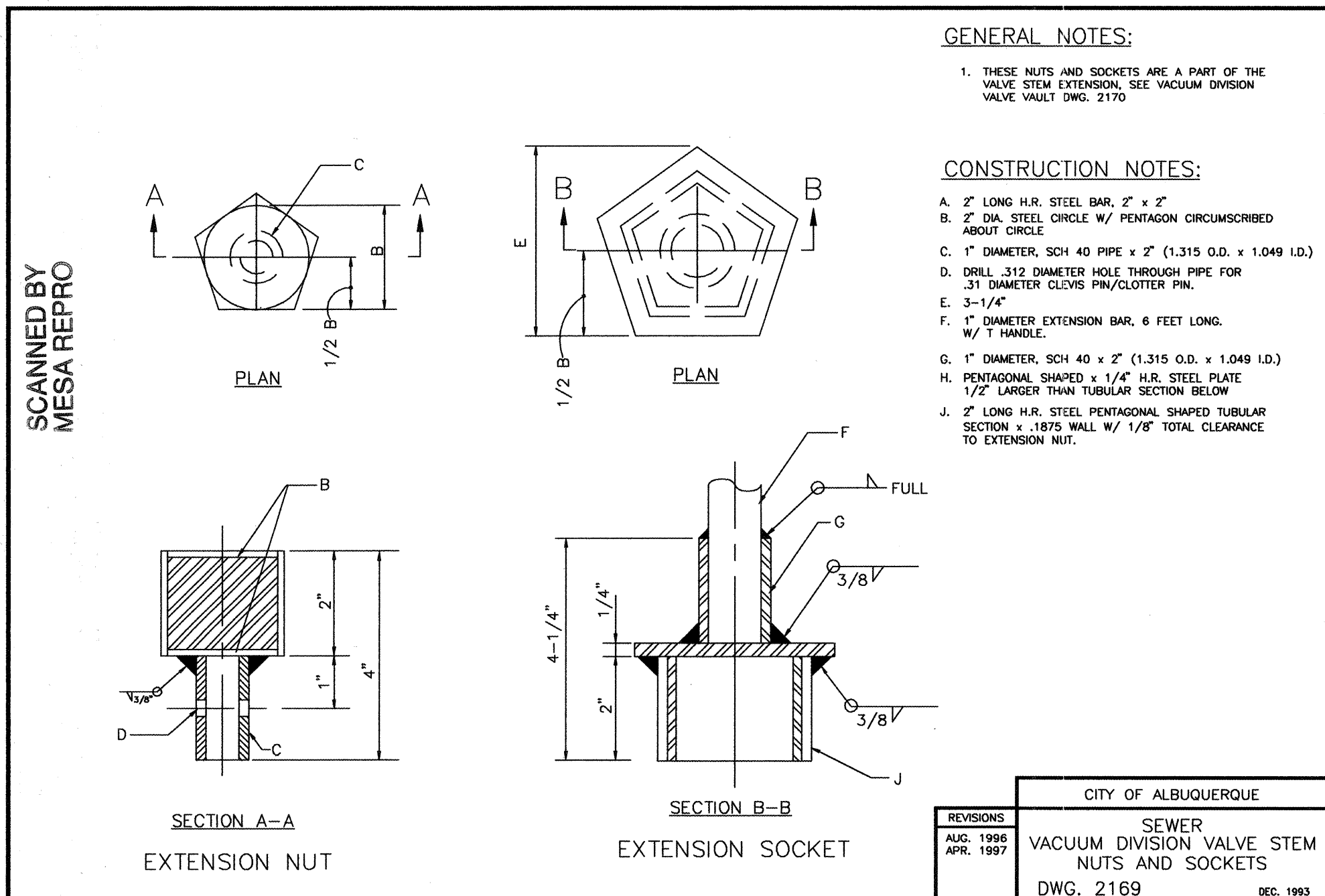
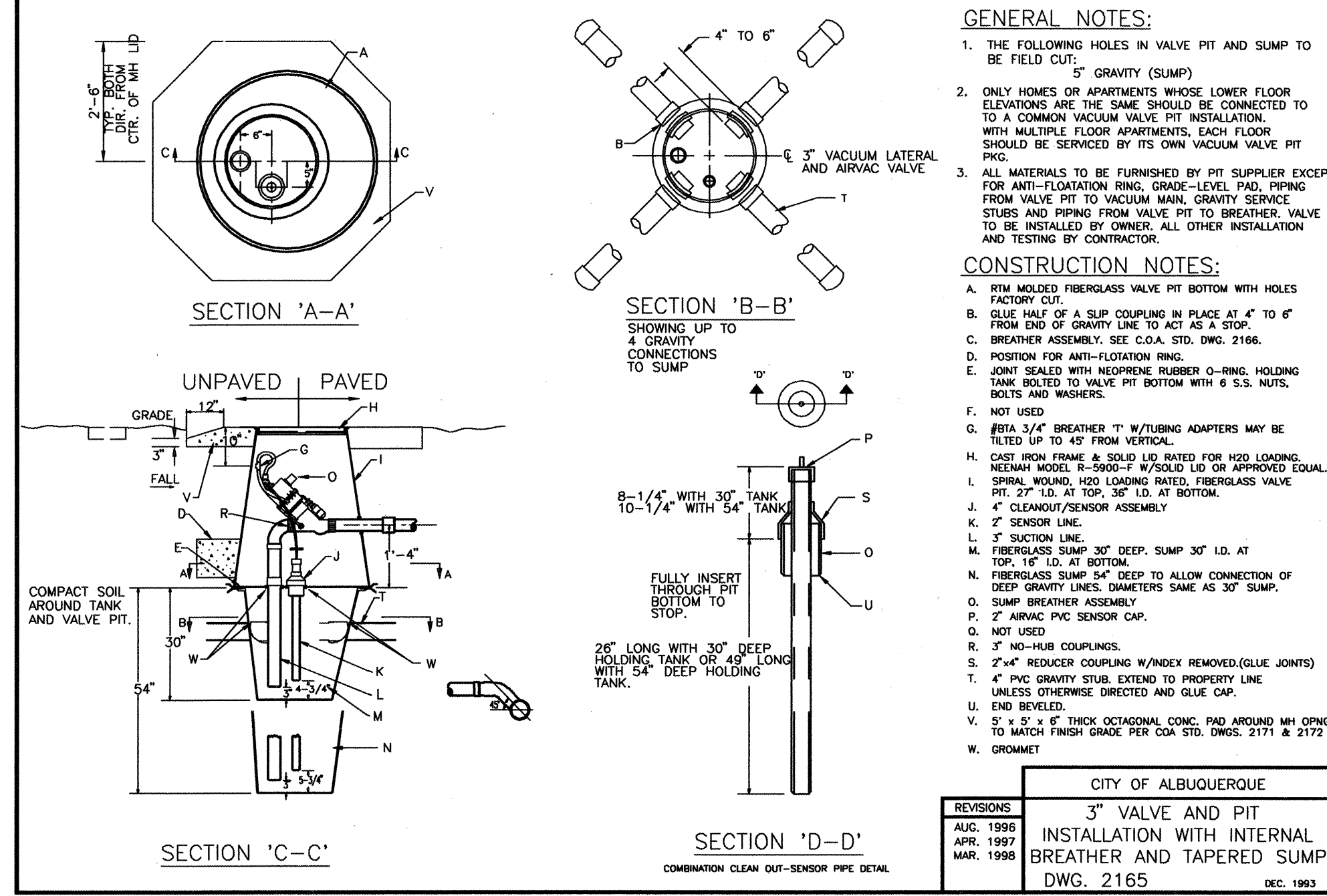
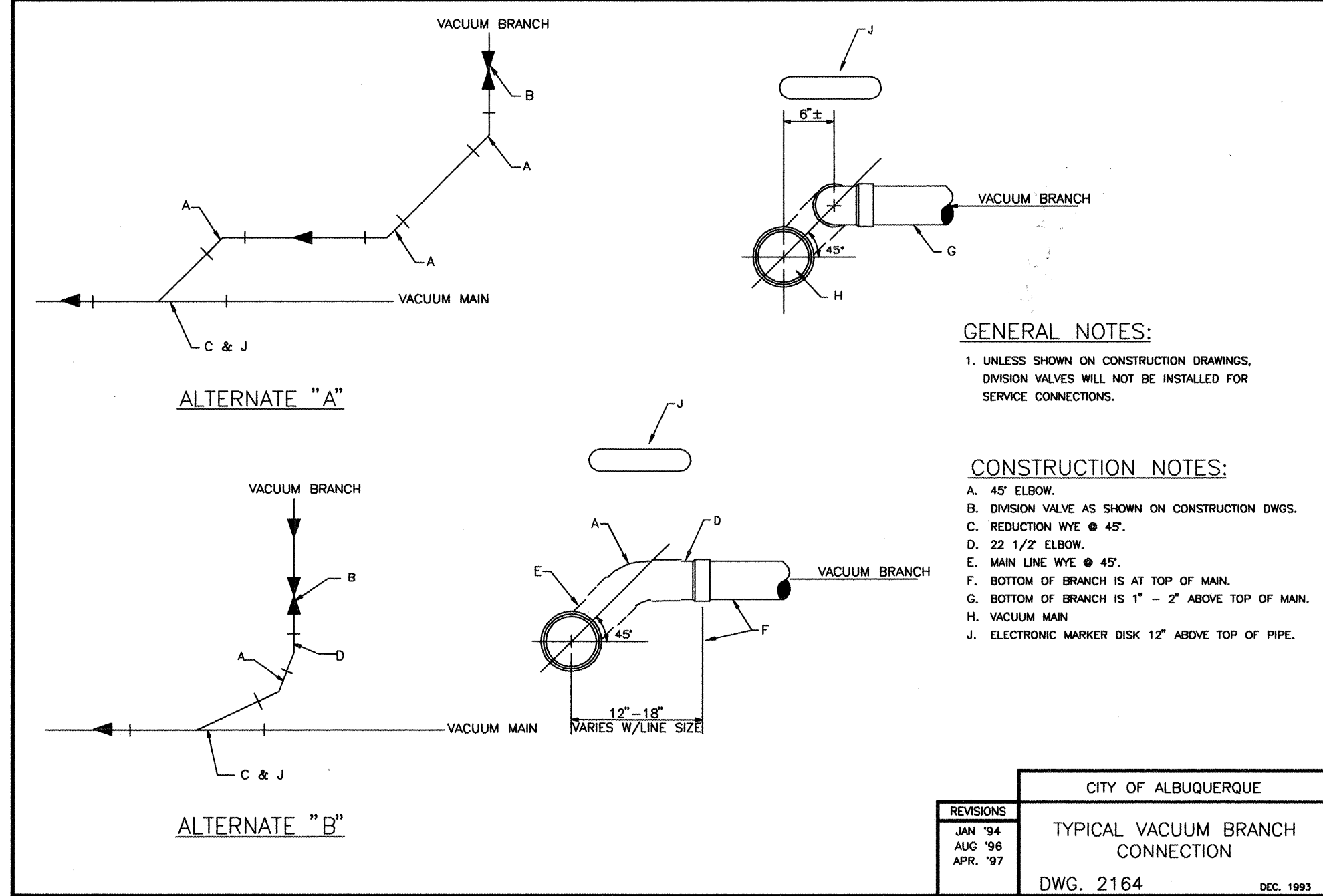
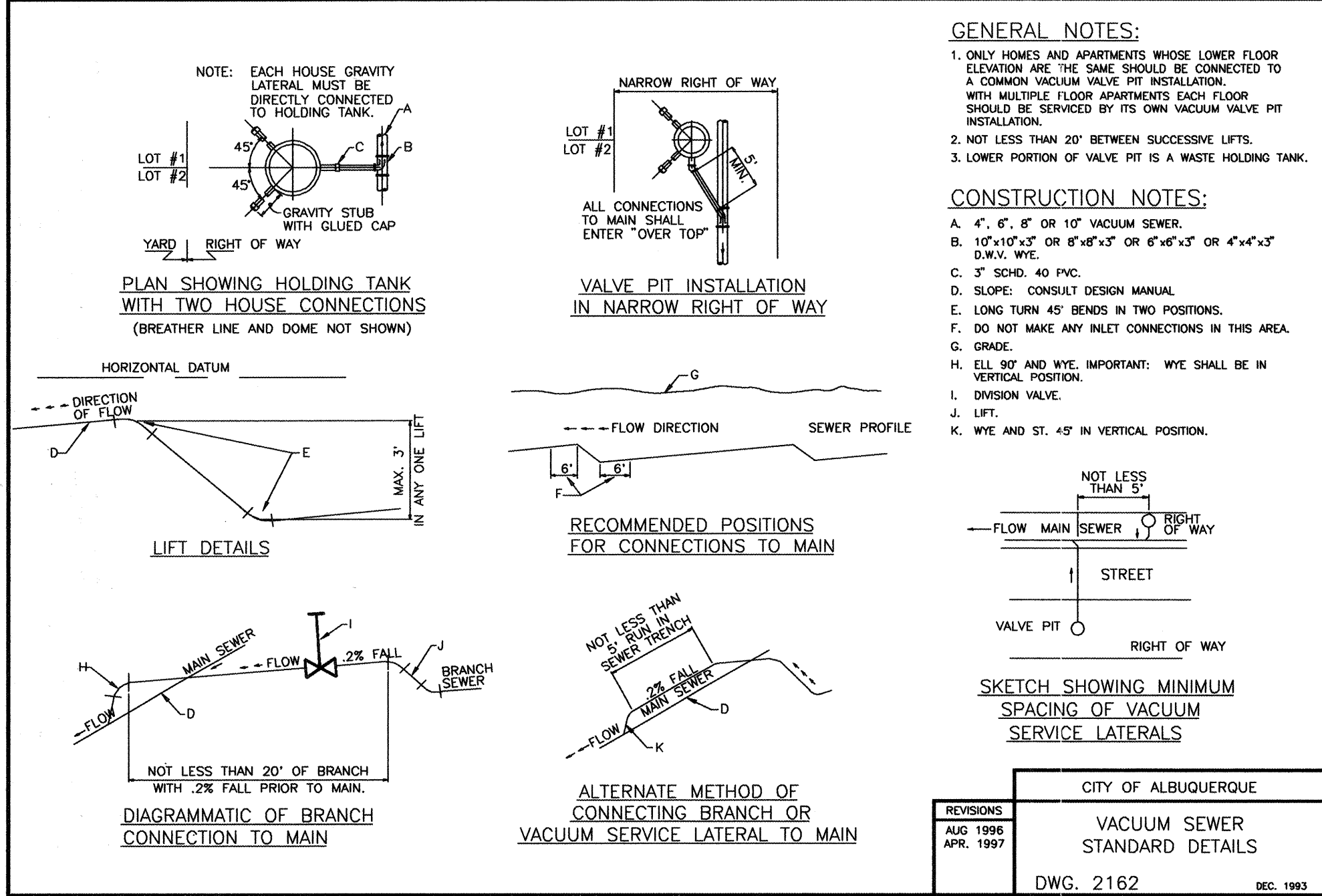
APPROVED

JAN 24 2000

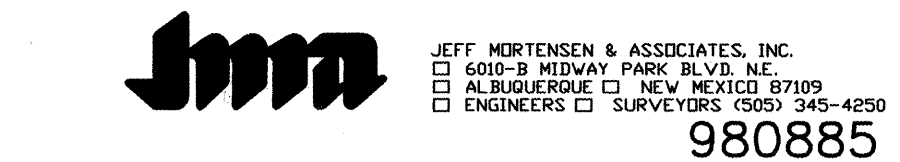
CITY ENGINEER

City Project No.	598981	Zone Map No.	B-15	Sheet	8	Of	12
------------------	--------	--------------	------	-------	---	----	----

File Path:	E:\DATA\ACD14\980885\	Plot Date:	11 ~ 16 - 1999
File Name:	980885P4.DWG	Plot Time:	1:16 pm



RECORD DRAWING



JEFF MORTENSEN & ASSOCIATES, INC.
6000-B MIDWAY PARK BLVD. NE
ALBUQUERQUE, NM 87109
ENGINEERS & SURVEYORS (505) 345-4450

980885

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: HOLBROOK FARMS
PUBLIC WATER AND SANITARY SEWER LINE
C.O.A. VACUUM SEWER STANDARD DRAWINGS

DESIGN REVIEW COMMITTEE	CITY ENGINEER
JAN 9 2000	JAN 2 2000

City Project No. 598981 Zone Map No. B-15 Sheet 9 of 12

CONTRACTOR	AS BUILT INFORMATION	DATE	01/00
INSPECTOR	Hydro Systems, Inc.	DATE	02/00
FIELD ENGINEER	J.M.A.	DATE	02/00
VERIFICATION	M.D.B.	DATE	02/00
CORRECTED BY	M.D.B.	DATE	02/00
RECORDED BY	M.D.B.	DATE	02/00
NO.	NO.	DATE	DATE

REMARKS

DESIGN

REVISIONS

DESIGNED BY CJS

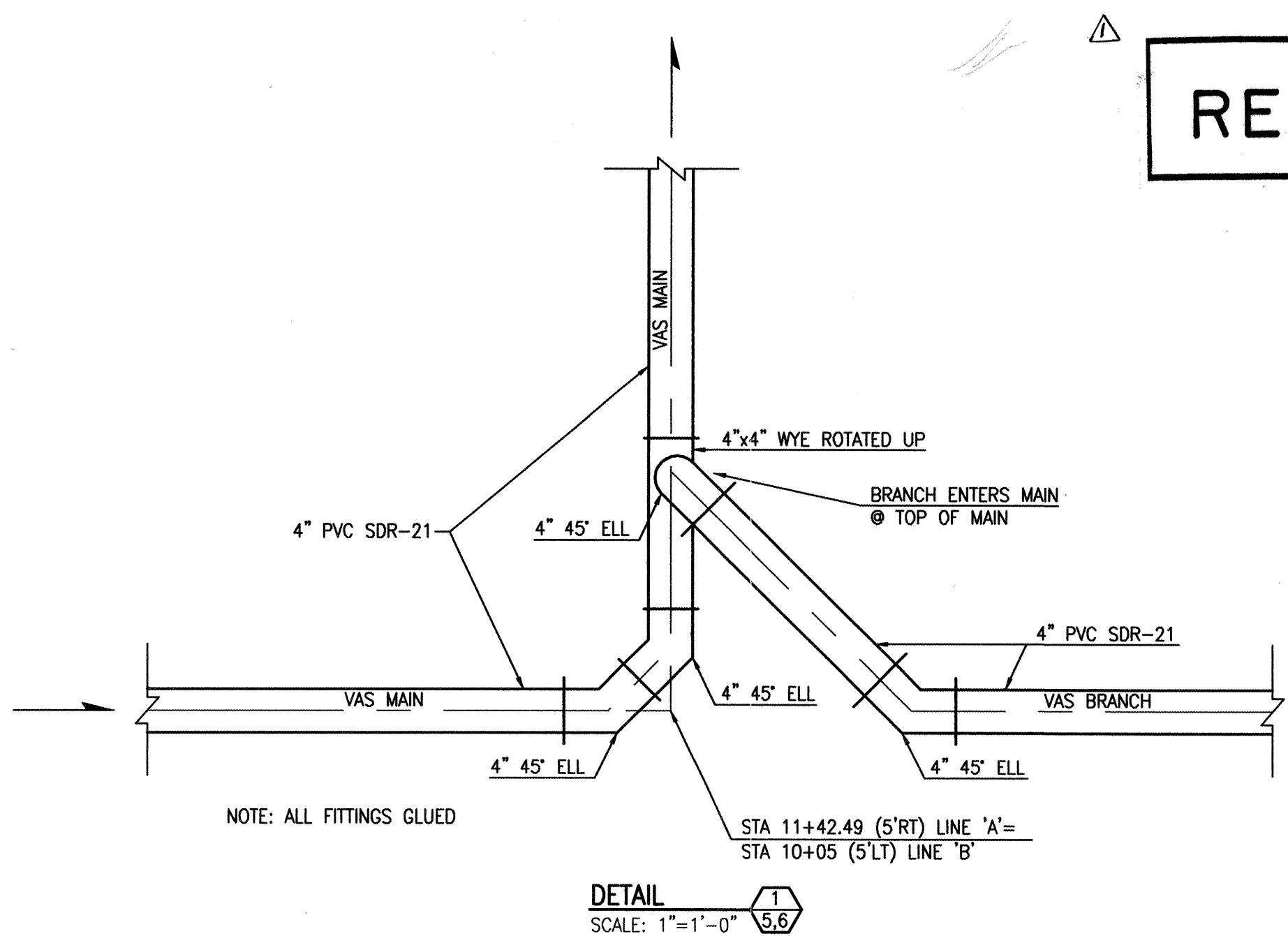
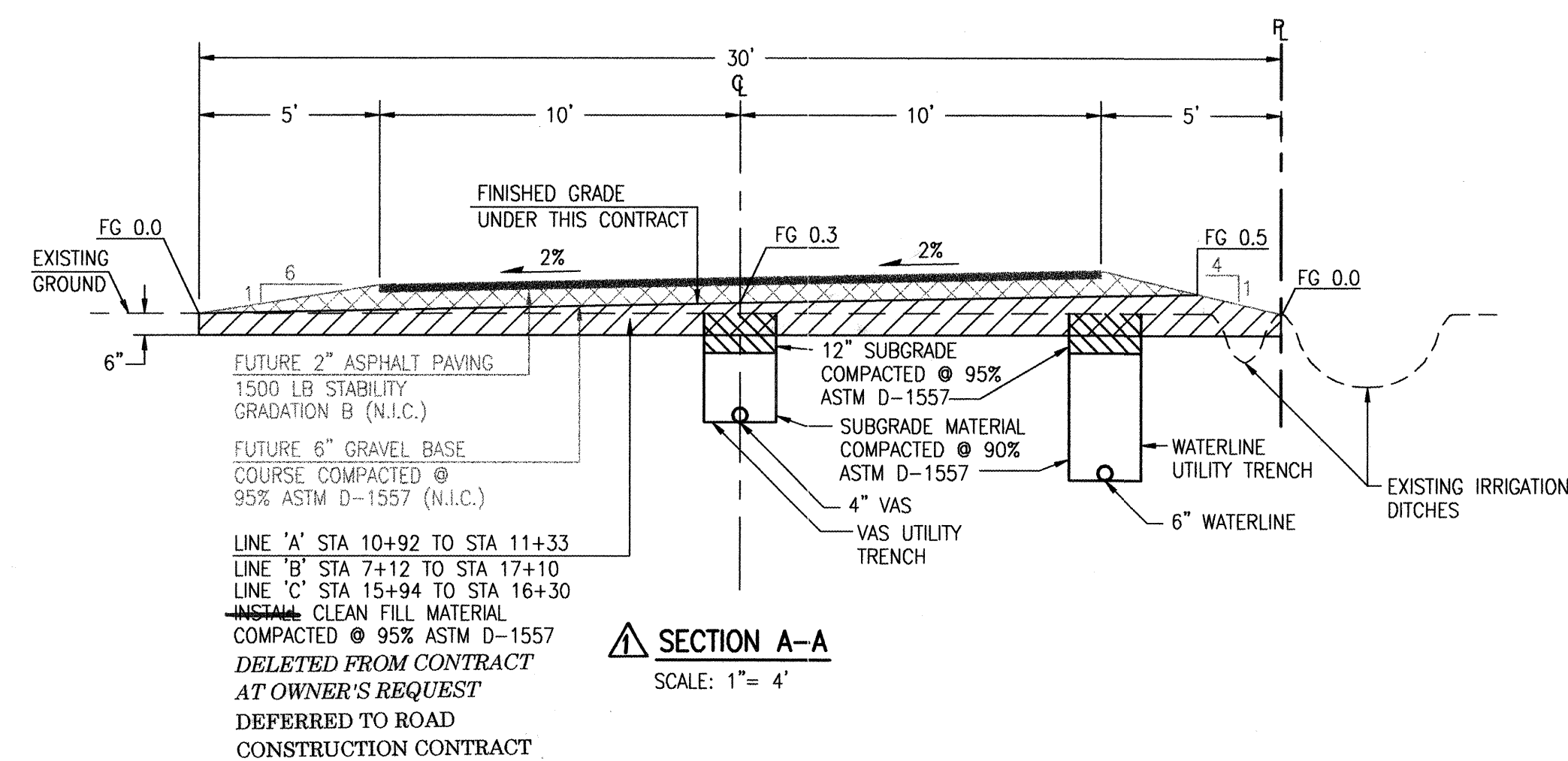
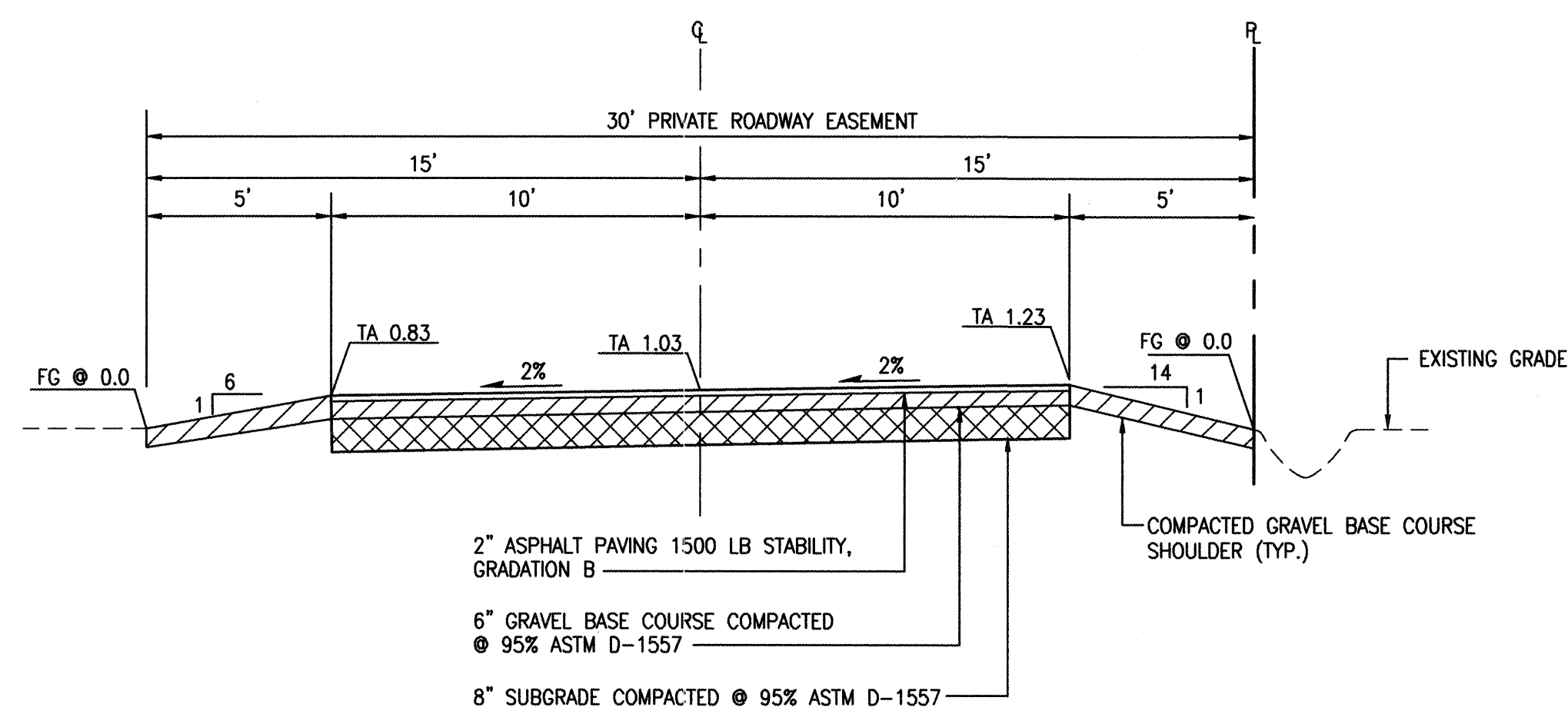
DRAWN BY DLM/JYR

CHECKED BY JCM

DATE 11-1999

DATE 11-1999

DATE 11-1999



RECORD DRAWING

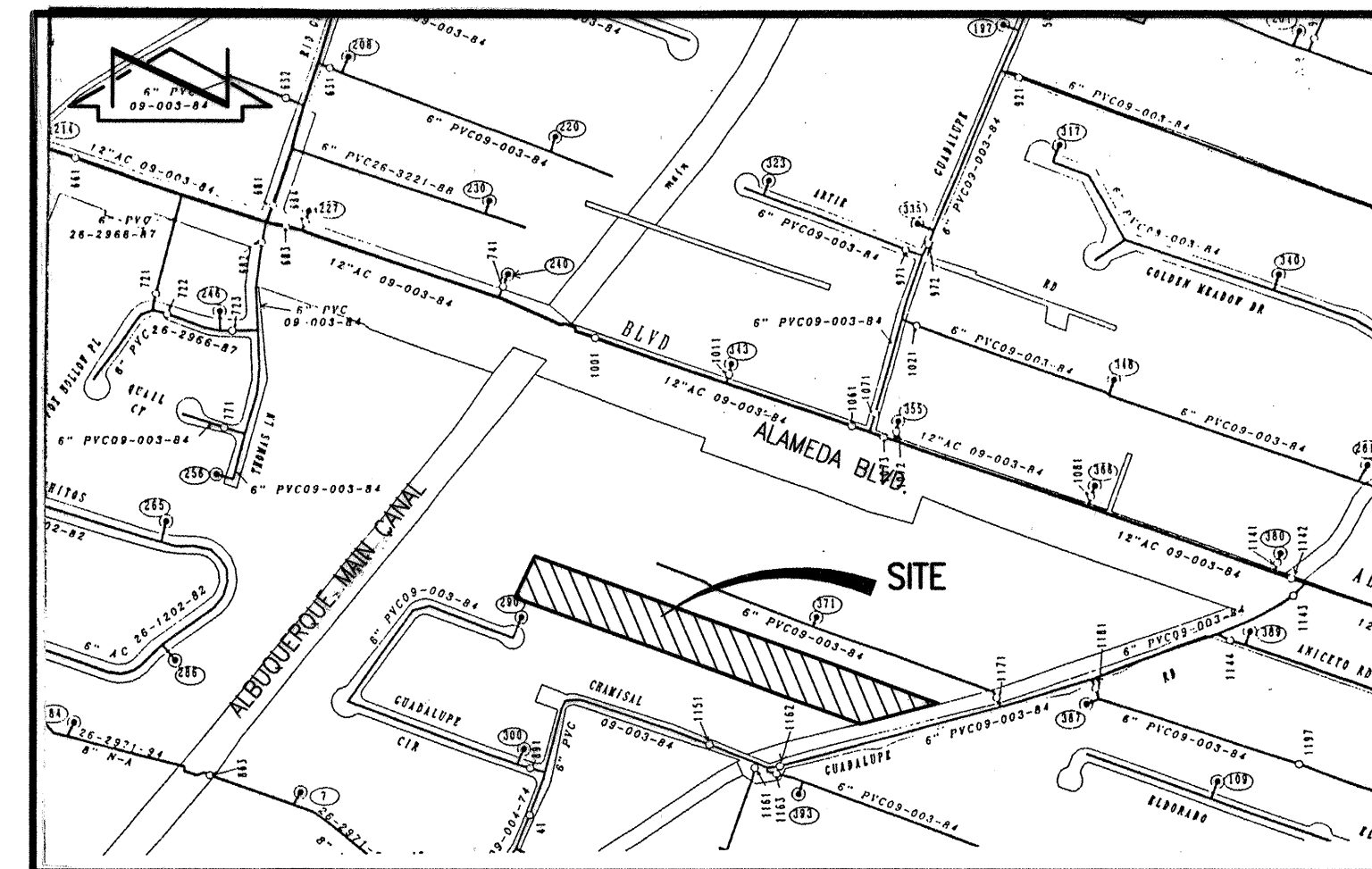
RECORD DRAWING

I, Jeffrey G. Mortensen, Registered Professional Engineer in the State of New Mexico, do hereby certify that this "as-built" information was obtained by me or under my supervision and represents the "as-built" conditions of this project, and is true and correct to the best of my knowledge and belief. All vertical and horizontal dimensions should be field verified prior to use on future projects.

Jeffrey G. Mortensen
NMPE No. 8547

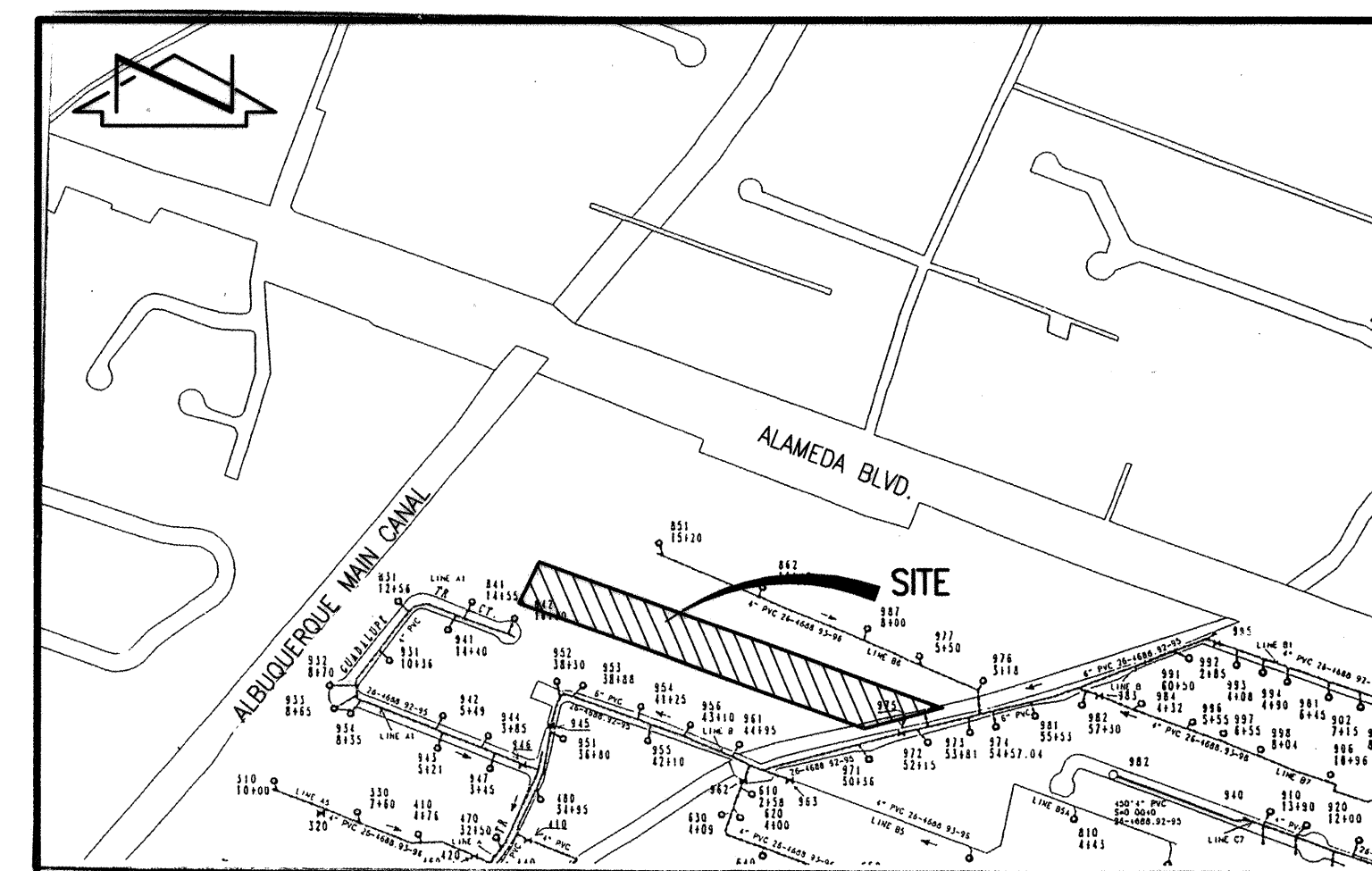
NEW MEXICO
8547
ENGINEER

07-19-2011 Date



WATER SHUTOFF PLAN NOTES:

1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO FACILITATE THE FOLLOWING CONNECTION IN SAZ LN. N.W. AND GUADALUPE CIR. N.W. 891.1171
2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING WATERLINE, ALL SHUTOFFS SHALL BE PERFORMED BY THE WATER SYSTEM DIVISION PERSONNEL (857-8200)
3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
4. EXISTING WATER VALVE AND WATERLINE INFORMATION OBTAINED FROM THE CITY OF ALBUQUERQUE AUTOMATED WATER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATE B-15



VACUUM DIVISION VALVE SHUTOFF PLAN NOTES:

1. AS A MINIMUM, THE FOLLOWING VALVES SHALL BE CLOSED TO FACILITATE THE FOLLOWING CONNECTION IN SAIZ LN. N.W.
975, 983, 995
2. THE CONTRACTOR SHALL NOTIFY SEWER SYSTEMS FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING VACUUM SEWER, ALL SHUTOFFS SHALL BE PERFORMED BY THE SEWER SYSTEM DIVISION PERSONNEL (857-8200)
3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS AND THRUST BLOCKS NECESSARY TO EFFECT THE NECESSARY SHUTOFFS AND CONNECTIONS.
4. EXISTING DIVISION VALVE AND SANITARY SEWER INFORMATION OBTAINED FROM THE CITY OF ALBUQUERQUE AUTOMATED SEWER DISTRIBUTION SYSTEM SECTIONAL MAPS, PLATE B-15.

WATERLINE CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. FOR ALL LINES 12" AND SMALLER, WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF PVC.
3. FOR ALL LINES 14" AND LARGER, WATER MAIN SHALL BE DUCTILE IRON OR PVC C-902 OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. CONCRETE CYLINDER IS AN ACCEPTABLE PIPE MATERIAL IN LIEU OF DUCTILE IRON.
4. WATERLINE SHALL HAVE A MINIMUM COVER OF 4'0" (FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. IN ACCORDANCE WITH SECTION 801.1 OF THE "STANDARD SPECIFICATIONS", METALIZED DETECTABLE WARNING TAPE SHALL BE INSTALLED 18" ABOVE ALL PVC PIPE INSTALLED ON THIS PROJECT.
7. VALVE STEM AND FIRE HYDRANT EXTENSIONS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE COST OF EACH EXTENSION SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
8. JOINT RESTRAINT SHALL BE CONSIDERED INCIDENTAL TO WATERLINE CONSTRUCTION THEREFORE NO SEPARATE PAYMENT WILL BE MADE.
9. JOINT RESTRAINT SHALL BE PROVIDED ON ALL JOINTS OF FIRE HYDRANT LEGS FROM TEE TO FIRE HYDRANT INCLUDING THE TEE AND FIRE HYDRANT.
10. FOR THE PURPOSES OF THIS PROJECT, ALL RESTRAINED JOINTS AND JOINT RESTRAINT SHALL BE MECHANICALLY RESTRAINED. JOINT RESTRAINT LENGTHS SPECIFIED HEREON ARE THE LENGTHS TO BE RESTRAINED EACH SIDE OF THE FITTING.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
13. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.
14. ALL FIRE HYDRANTS SHALL BE SECURELY WRAPPED IN BLACK PLASTIC UNTIL SUCH TIME AS THE NEW WATERLINE IS PUT INTO SERVICE BY WATER SYSTEM DIVISION PERSONNEL.

SANITARY SEWER CONSTRUCTION NOTES:

1. ALL STATIONING IS BASED ON EASEMENT CENTERLINE UNLESS INDICATED OTHERWISE.
2. ALL SEWER PIPE SHALL BE PVC (SDR-21).
3. SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
4. VACUUM SEWERLINE SHALL HAVE A MINIMUM COVER OF 2'-0" (PROPOSED FINISHED GRADE TO TOP OF PIPE). EXTRA DEPTH TRENCHING, IF REQUIRED, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
5. SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS (EMD) AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2125. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING APPROPRIATE MEANS AND METHODS TO EXCAVATE AND TRENCH AND INSTALL PIPE SO AS TO NOT EXCEED RIGHT-OF-WAY OR EASEMENT LIMITS, AND SO AS NOT TO INTERFERE WITH OTHER UTILITIES. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING, SUPPORTING AND REPLACING, IF DAMAGED, ALL OTHER UTILITIES ENCOUNTERED DURING CONSTRUCTION. THIS SHALL BE CONSIDERED INCIDENTAL TO TRENCHING, THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.
8. WHERE WATER AND SANITARY SEWER LINES CROSS, THE SANITARY SEWER LINE SHALL BE INSTALLED AS PRESSURE PIPE BETWEEN MANHOLES IF 18 INCHES OF VERTICAL SEPARATION DOES NOT EXIST.



JEFF MORTENSEN & ASSOCIATES, INC.
☐ 6010-B MIDWAY PARK BLVD. NE.
☐ ALBUQUERQUE ☐ NEW MEXICO 87109
☐ ENGINEERS ☐ SURVEYORS (505) 345-4250

980885

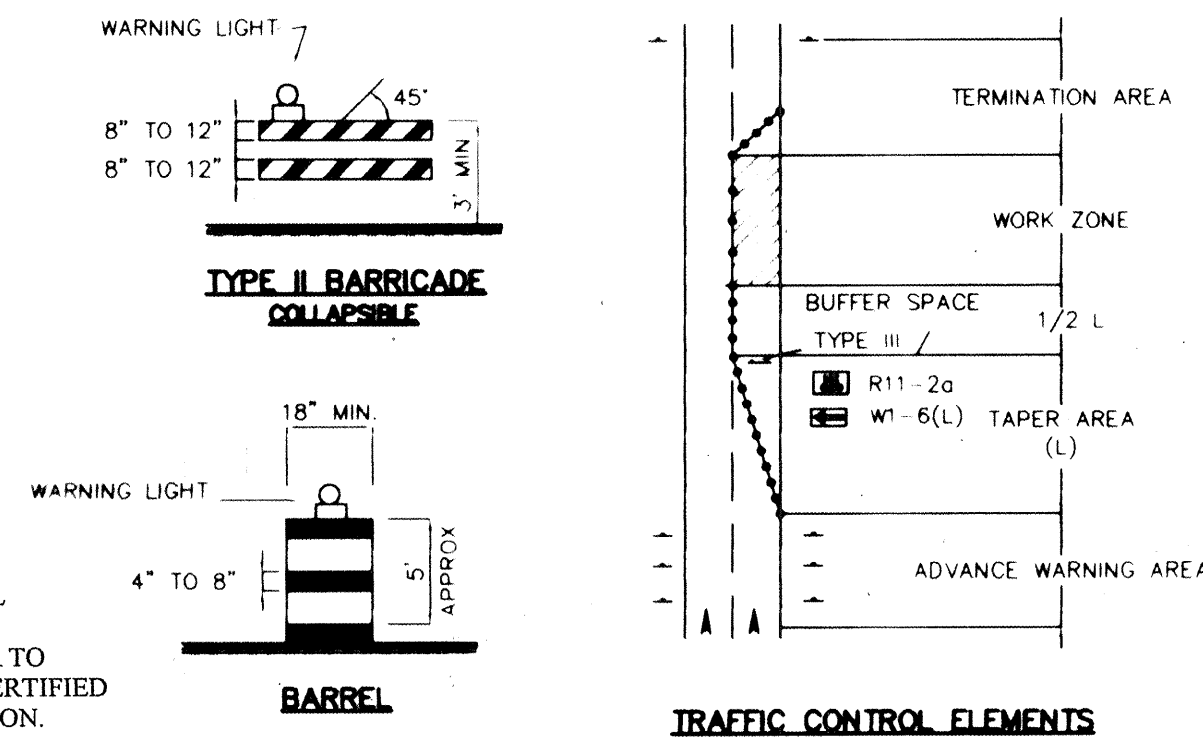
VEYORS (505) 345-4250
980885

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP													
TITLE: HOLBROOK FARMS PUBLIC WATER AND SANITARY SEWER LINE EXTENSIONS, SECTIONS AND DETAILS; WATER VALVE SHUT OFF PUMP AND VACUUM DIVISION VALVE SHUT-OFF PUMP													
Design Project Committee APPROVED JAN 9 2000 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED JAN 24 2000 CITY ENGINEER	Last Design Update	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> <td style="width: 50%; padding: 2px;">Mo./Day/Yr.</td> </tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td><td style="height: 20px;"></td></tr> </table>	Mo./Day/Yr.	Mo./Day/Yr.								
Mo./Day/Yr.	Mo./Day/Yr.												
City Project No.	598981	Zone Map No.	B-15										
		Sheet	10 Of 12										

SCANNED BY
MESA REPRO

1. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
 2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
 3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEARLY CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.
26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D. 
27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY. 
28. FOR THE PURPOSES OF THIS PROJECT, "CONSTRUCTION COORDINATION" SHALL BE REPLACED WITH "TRAFFIC CONTROL MANAGER, BERNALILLO COUNTY PUBLIC WORKS DIVISION", 2400 BROADWAY S.E.
29. THE PARKING OF CONSTRUCTION EQUIPMENT OR VEHICLES WITHIN PUBLIC RIGHT-OF-WAY SHALL NOT BE PERMITTED.
30. PROJECT IS SUBJECT TO THE REQUIREMENTS OF COUNTY ORDINANCE NO. 96-3. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY. CONTRACTOR SHALL CALL 848-1500 FOR MORE INFORMATION.
31. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE COUNTY TRAFFIC CONTROL MANAGER AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF WORK. TRAFFIC CONTROL PLANS SHALL BE PREPARED IN ACCORDANCE WITH NOTED REQUIREMENTS AND BY CERTIFIED PERSONNEL AND MUST BE APPROVED PRIOR TO COMMENCEMENT OF WORK ON THE PROJECT. CALL 848-1504 FOR FURTHER INFORMATION.
32. A DAILY TRAFFIC CONTROL LOG SHALL BE MAINTAINED BY THE CONTRACTOR REFLECTING THE TYPES AND LOCATIONS OF ALL TRAFFIC CONTROL DEVICES, SIGNS, BARRICADES, ETC. BEING USED ON THE PROJECT IN COMPLIANCE WITH THE APPROVED TRAFFIC CONTROL PLAN. THIS LOG SHALL BE SUBMITTED TO THE BERNALILLO COUNTY TRAFFIC CONTROL MANAGER UPON COMPLETION OF THE PROJECT CONSTRUCTION OR WHEN SO REQUESTED BY THE PROJECT OR THE BERNALILLO COUNTY TRAFFIC CONTROL MANAGER.
33. CONTRACTOR SHALL PROVIDE A WEEKLY CONSTRUCTION ACTIVITY SCHEDULE TO BERNALILLO COUNTY PUBLIC WORKS DIVISION ATTN: TRAFFIC ENGINEERING MANAGER.
34. THE CONTRACTOR SHALL FILE WEEKLY WRITTEN REPORT TO THE TRAFFIC CONTROL MANAGER DESCRIBING THE TRAFFIC CONTROL PLAN THAT WILL BE IN EFFECT FOR THE FOLLOWING WEEK.
35. SUBJECT TO THE APPROVED TRAFFIC CONTROL PLAN, AT LEAST ONE LANE SHALL BE OPEN TO TRAFFIC AT ALL TIMES. CONTRACTOR SHALL PROVIDE PROPER SIGNAGE AND FLAGMAN AND SHALL MAINTAIN THE TRAFFIC LANE IN SUCH A MANNER AS TO ASSURE PROPER SAFETY TO THE TRAVELING PUBLIC ON ALL AFFECTED ROADS. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL PRIVATE AND PUBLIC PROPERTY AT ALL TIMES, EXCEPT WHEN GRADING, EXCAVATION AND BACKFILL OPERATIONS ARE BEING CONDUCTED IMMEDIATELY IN FRONT OF THE PROPERTY, IN WHICH CASE ACCESS WILL NOT BE DENIED FOR MORE THAN 4 HOURS WITHOUT APPROVAL BY THE COUNTY.
36. TRAFFIC LANES PROVIDED DURING CONSTRUCTION SHALL BE MAINTAINED, IN SUCH A CONDITION UNDER ALL WEATHER CONDITIONS, SO AS TO PERMIT THE REASONABLE PASSAGE OF PASSENGER VEHICLES, AND SHALL BE KEPT GRADED AND SMOOTH, AND WATERED SEVERAL TIMES DAILY TO CONTROL DUST.

 W1-1(R) 30 MPH or LESS	 W1-1(L) 30 MPH or LESS	 W1-2(R) 30 MPH or GREATER	 W1-2(L) 30 MPH or GREATER	 W1-3(R) 30 MPH or LESS	 W1-3(L) 30 MPH or LESS	 W1-4(R) 30 MPH or GREATER	 W1-4(L) 30 MPH or GREATER	 W1-6(R) 36"	 W1-6(L) 36"	 W3-1 16"
 W4-2(R) 36"	 W4-2(L) 36"	 W6-3 36"	 W8-1 36"	 W8-3 36"	 W8-3A 36"	 W8-7 36"	 W13-1 24"	 W12-1 36"	 W8-9a 36"	 W14-2 36"
 W20-1 36"	 W20-2 36"	 W20-3 36"	 W20-4 36"	 W20-5(R) 36"	 W20-5(L) 36"	 W20-5(2R) 36"	 W20-5(2L) 36"	 W20-5(C) 36"	 W20-7 36"	 W20-7a 36"
 W1-4bR 36"	 W1-4bL 36"									
 R1-1 30"	 R1-2 36"	 R2-1 30"	 R2-5a 30"	 R2-5b 30"	 R3-1 24"	 R3-2 24"	 R3-3 24"	 R3-7(R) 30"	 R3-7(L) 30"	 R4-7b 30"
 R4-7b(L) 30"										
 R5-1 30"	 R5-1a 24"	 R6-1(R) 12"	 R6-1(L) 12"	 R7-1 18"	 R11-2 30"	 R11-2a 30"	 R11-4 30"	 M4-8a 18"	 M4-9(R) 24"	 M4-9(L) 24"
 SPECIAL SIGN 10 48"	 SPECIAL SIGN 20 48"	 SPECIAL SIGN 30 48"	 SPECIAL SIGN 50 48"	ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.				 M4-10(R) 48"	 M4-10(L) 48"	 G20-2 60"



	WORK AREA
●	BARRICADE - TYPE I, TYPE II, OR BARREL
⊥	BARRICADE - TYPE III
x	VERTICAL PANEL
⋈	WARNING SIGN
D	DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
	FLAGMAN POSITION
S	SPACING BETWEEN BARRICADES- A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET
L	TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10' x SPEED LIMIT	10' x SPEED LIMIT
25-30	10' x SPEED LIMIT	10' x SPEED LIMIT
30-35	10' x SPEED LIMIT	10' x SPEED LIMIT
40-45	10' x SPEED LIMIT	10' x SPEED LIMIT
50-60	10' x SPEED LIMIT	10' x SPEED LIMIT

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

SPEED LIMIT

40 MPH OR LESS $W_{\text{off}} =$

45 MPH OR GREATER $L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK
85 PERCENTILE SPEED IN MPH

RECORD DRAWING

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

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

MAP
NO. B-15

SHEET 11 OF 12

NOTE: THIS SHEET PROVIDED COURTESY OF CITY ENGINEER, PUBLIC WORKS DEPT., CITY OF ALBUQUERQUE

