

• L E G E N D •

MATERIALS

CONCRETE	
RIP-RAP	

LINES

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

EARTHWORK

	EXISTING	NEW
CONTOUR LINE		
SPOT ELEVATION		
PROJECT / PHASE BOUNDARY		
SWALE		
DIRECTION OF FLOW		

MISCELLANEOUS UTILITIES

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

SANITARY SEWER

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

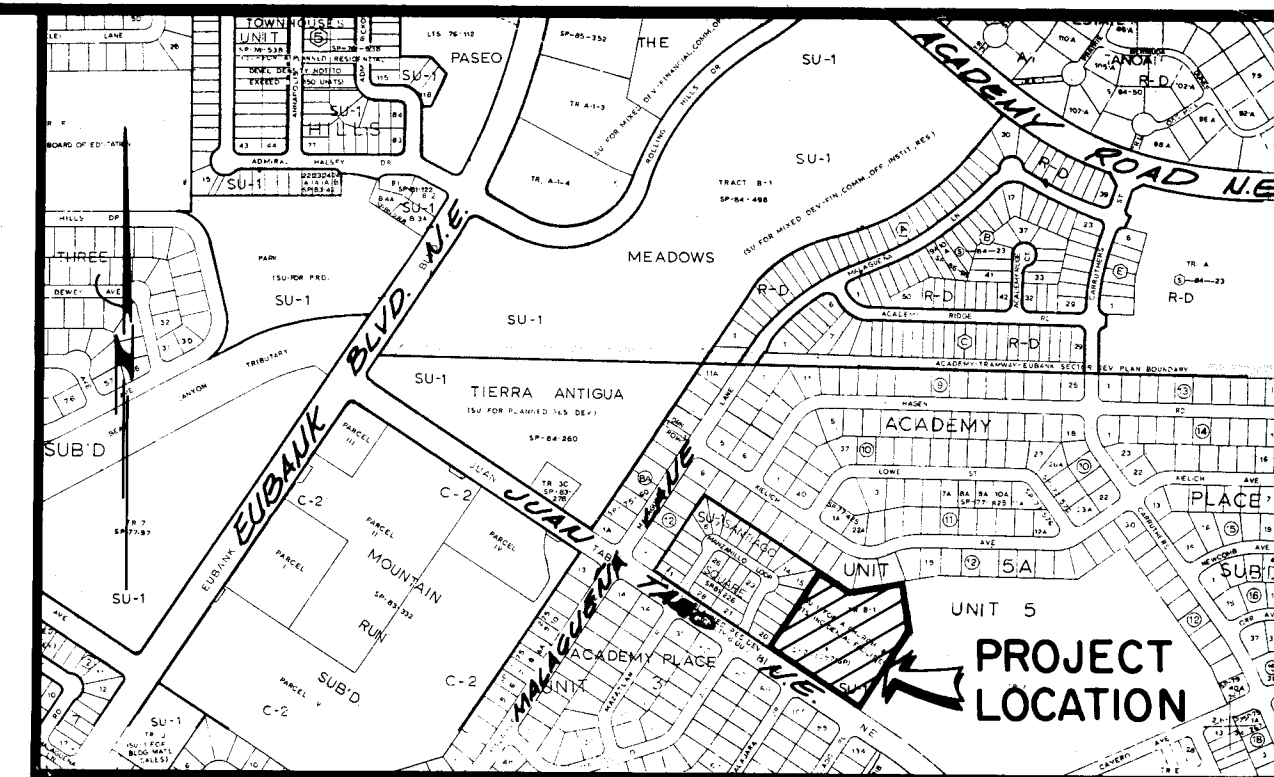
CHAINLINK FENCE		
FIELD FENCE		
COMMON YARD WALL		
RETAINING WALL		
POWER OR TELEPHONE POLE		

CONSTRUCTION PLANS
FOR
BURNHAMWOOD
ALBUQUERQUE, NEW MEXICO
APRIL, 1987

ELEVATIONS SHOWN HEREON BASED
UPON ASSUMED DATUM. TO ADJUST
ELEVATIONS TO A.C.S. DATUM SUBTRACT
12.06 FEET.

INDEX OF DRAWINGS

1. COVER SHEET, INDEX OF DRAWINGS, GENERAL NOTES, & LEGEND
2. FINAL PLAT.
- 3 & 4. GRADING & DRAINAGE PLAN
5. PAVING SITE PLAN / WATER & SANITARY SEWER SITE PLAN
PAVING IMPROVEMENTS PLAN & PROFILE
6. BURNHAMWOOD PLACE N.E. STA. 10+00 TO STA. 14+60
7. BARTONWOOD PLACE N.E. STA. 14+60 TO STA. 18+53.43
8. JUAN TABO BLVD. N.E. LEFT TURNBAY; PROFILE 'A'; PROFILE 'B'
9. BURNHAMWOOD PLACE N.E. STA. 10+00 TO STA. 14+60
10. BARTONWOOD PLACE N.E. STA. 14+60 TO STA. 18+53.43
11. SECTIONS & DETAILS



VICINITY MAP

SCALE: 1" = 800'

E-21

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, 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.
4. 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.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
7. THE CONTRACTOR MUST SUBMIT A CONSTRUCTION SIGNING AND BARRICADING PLAN TO TRAFFIC ENGINEERING TO RECEIVE A BARRICADING PERMIT 48 HOURS PRIOR TO CONSTRUCTION.
8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
9. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
10. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
11. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
12. IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
13. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

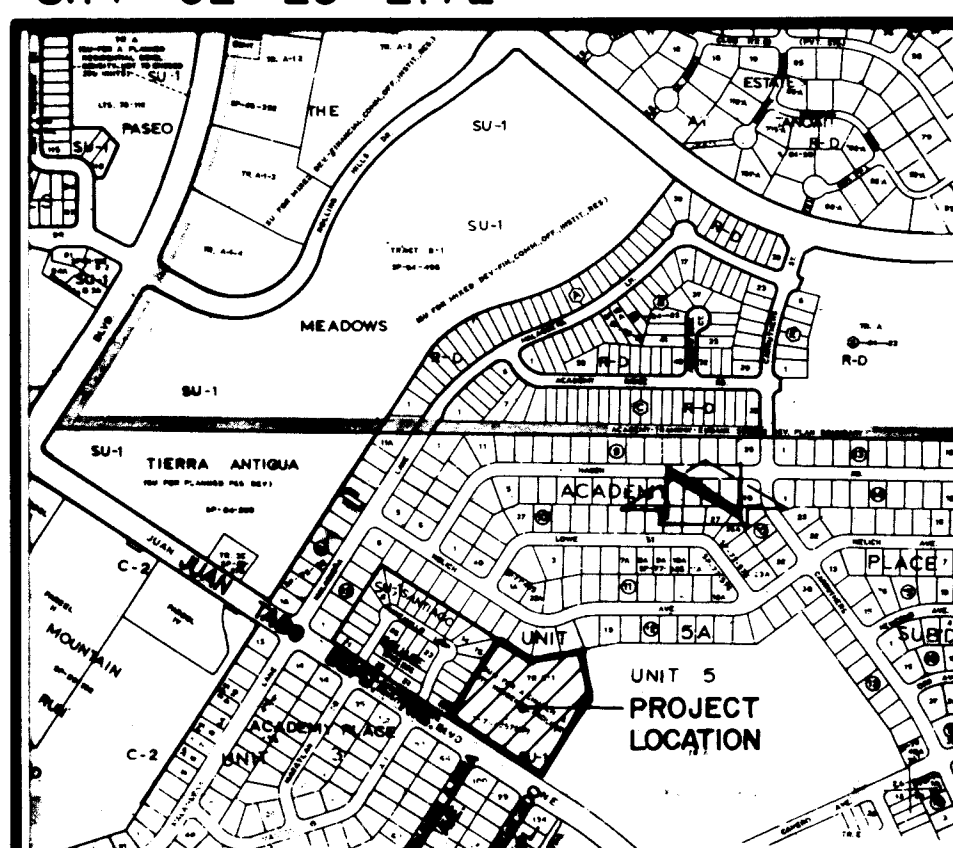
APPROVAL OF AS BUILT RECORDS
CONSTRUCTION SUPERVISOR
Donald B. Garcia
DATE 4-18-88

26 3 2 3 2 0 1 8 8

REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	1,3-11	<i>[Signature]</i>	4/29/87				

APPROVAL OF REVISIONS

		APPROVED FOR CONSTRUCTION <i>[Signature]</i> 7-10-87 C.E.
DRAWING NO	3232	SHEET 1 OF 11



VICINITY MAP E-21

PLAT OF
BURNHAMWOOD
A REPLAT OF TRACT B-1,
ACADEMY PLACE SUBDIVISION, UNIT 5
ALBUQUERQUE, NEW MEXICO
MARCH, 1987

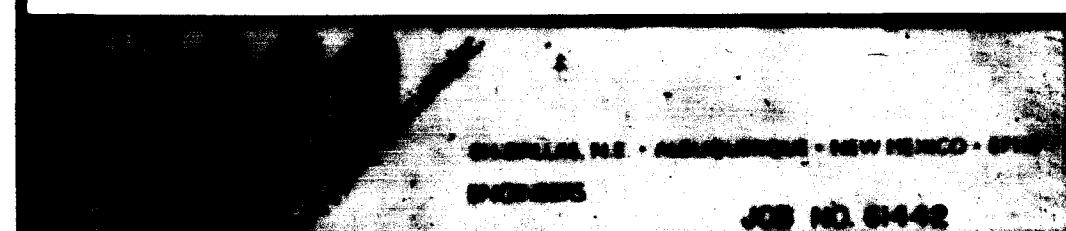
DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising B-1, Academy Place Subdivision, Unit 5, as shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on December 19, 1974, Book C-10, Page 65, and being more particularly described as follows:

Beginning at the southeast corner of the parcel herein described, being a point on the north right-of-way line of Juan Tabo Boulevard N.E.; thence N 57°00'00" W a distance of 436.60 feet along said right-of-way line; thence N 33°00'00" E a distance of 350.00 feet; thence S 57°00'00" E a distance of 148.04 feet; thence W 80°42'28" E a distance of 214.51 feet; thence S 09°17'32" E a distance of 195.14 feet; thence S 33°14'03" W a distance of 350.00 feet to the point of beginning and containing 3.9463 acres more or less.

Notes:

1. A field survey was performed.
2. 0.15 mi. full-width street created.
3. All distances are ground distances.
4. Site located within Section 28, T11N, R4E, N.M.P.M.
5. Bearing base is plat of "Academy Place Subdivision, Unit 5" filed December 19, 1974, Book C-10, Page 65.
6. The purpose of this plat is to subdivide Tract B-1 into 29 lots plus grant the necessary public utility easements and dedicate public right-of-way.
7. To achieve grid bearing, rotate plat bearing 0°08'55" clockwise.
8. Upon completion of the construction of the streets, City of Albuquerque approved monuments shall be placed at all street centerline P.C.'s & P.T.'s, angle points & street intersections in lieu of subdivision block corner monumentation.
9. Direct access of Lots 1, 20, 21 and 29 onto Juan Tabo Blvd N.E. shall not be permitted.



DEDICATION AND FREE CONSENT

The undersigned owners of the land shown hereon do hereby consent the subdivision of said land in the manner shown on this plat and do hereby dedicate the public right-of-way and grant the public utility easements as shown including the rights of ingress and egress and the right to trim interfering trees.

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

OFFICIAL SEAL
CHARLES G. GALL, JR.
NOTARY PUBLIC - STATE OF NEW MEXICO
My Commission Expires 5-2-87

The foregoing instrument was acknowledged before me this 27th day of March, 1987.

Notary Public

APPROVALS:

Planning Director, City of Albuquerque, N.M. Date 4/7/87

City Engineer, City of Albuquerque, N.M. Date 4-7-87

A.M.A.E.C.A. Date 4-7-87

Traffic Engineer, City of Albuquerque, N.M. Date 4-7-87

City and Precinct, City of Albuquerque, N.M. Date 032187

Chief City Surveyor, City of Albuquerque, N.M. Date 4/1/87

Property Manager, City of Albuquerque, N.M. Date 4-6-87

Public Service, City of Albuquerque, N.M. Date 4-8-87

Notary Public, State of New Mexico Date 4/8/87

Notary Public, State of New Mexico Date 3-27-87

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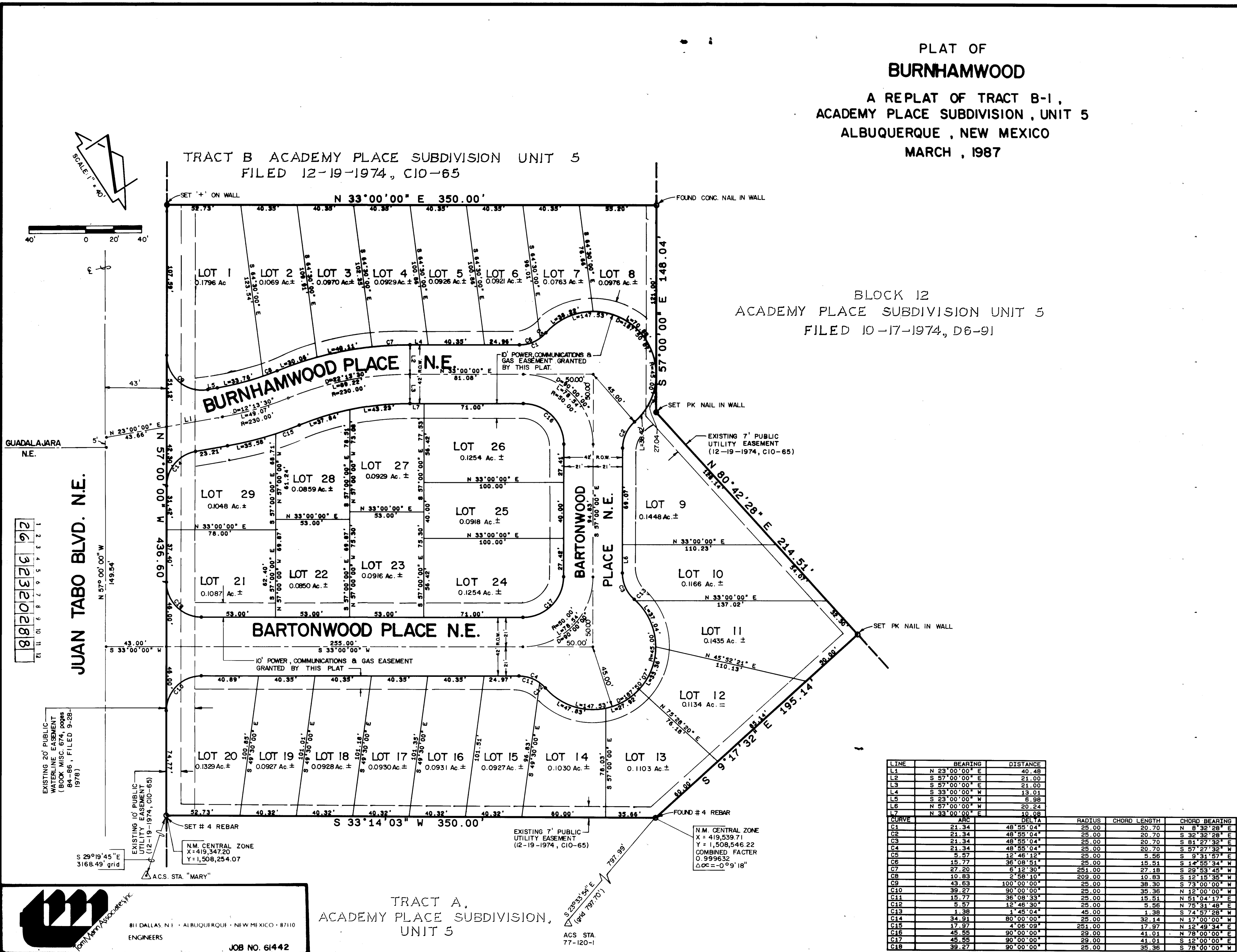
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Notary Public, State of New Mexico Date 3-27-87



SHIT 2 OF 11
DWG # 3232

DRAINAGE PLAN

The following items concerning the Burnhamwood Subdivision Drainage Plan are contained hereon:

1. Vicinity Map
2. Watershed Map
3. Grading Plan
4. Calculations

As shown by the Vicinity Map, the site is located on the north side of Juan Tabo Boulevard N.E., between Eubank Boulevard N.E. and Camero Avenue N.E. At present, the site is undeveloped and zoned for townhouse development. There are existing townhouses to the west of the site. Single family residential development exists to the north and the south. The Eisenhower Mid-School is located on the east side of the project. Hence, this site can be viewed as an infill site.

As shown by the Watershed Map, this site does not lie within a designated Flood Hazard Zone. Furthermore, this site does not contribute runoff to a designated flood hazard area. At present, the site drains onto Juan Tabo Boulevard N.E. From this point, the runoff flows to the west within Juan Tabo Boulevard N.E. to its intersection with Eubank Boulevard N.E. From this point, the runoff carried by the street enters the Bear Tributary Arroyo via the improvements completed under SAD 205. The Bear Tributary Arroyo is the outfall for this site. The Watershed Map further delineates the watershed in which the site lies. The total area of the watershed is approximately 123 acres this site being only 4 acres. The impact of the development of this site on the watershed is negligible based upon this analysis. Because this is the last developing site within the watershed, the fact that this is an infill site, the negligible percentage of the watershed that this site constitutes and the proximity of the site to the Bear Tributary Arroyo, the free discharge of runoff from this development is appropriate.

The Grading Plan shows 1) existing grades shown by spot elevations and contours at 1'0" intervals, 2) proposed grades indicated by spot elevations, 3) existing and proposed street grades indicated by top of curb and flowline elevations, 4) the limit and character of the existing improvements, 5) the limit and character of the proposed improvements, and 6) continuity between existing and proposed grades. As shown by the Grading Plan, the proposed improvements will consist of the construction of a looped public street within the site (Street Grades are attached) along with the development of residential lots for townhouse construction. The finished grades shown hereon will permit the rough grading of each of the lots in a manner which is acceptable to the City of Albuquerque. All roofs and front yards will drain to the street. The majority of the backyard areas will be graded in order to allow the drainage of those areas to the street. Some of the backyard areas will not be able to drain to the street and therefore will contain that runoff which falls upon those areas. Yard walls will be constructed along the property lines which will serve to contain any nuisance flows which may be generated within the rear yard areas. The calculations, however, have assumed that all runoff generated onsite is discharged to the streets.

The Calculations which appear hereon analyze both the existing and developed conditions for the 100-year, 6-hour rainfall event. The peak rate of discharge has been quantified using the Rational Method, whereas the volume of runoff generated has been quantified using the SCS Method. Both of these methods have been used in accordance with the City of Albuquerque Development Process Manual, Volume II, coupled with the Emergency Rule issued by the Mayor on January 14, 1986. As shown by these calculations, the proposed improvements will result in an overall increase in runoff generated by this site. The calculations further demonstrate that only 13.6 cfs is anticipated from the total development. This discharge can adequately be handled by the streets. This conclusion is based upon the small magnitude of runoff generated by the site.

ELEVATIONS SHOWN HEREON BASED UPON ASSUMED DATUM. TO ADJUST ELEVATIONS TO A.C.S. DATUM SUBTRACT 12.06 FEET.

CALCULATIONS

Ground Cover Information

From SCS Bernalillo County Soil Survey,
Plate 22: ETC - Embudo Tijeras Complex
Hydrologic Soil Group: B
Existing Pervious CN = 70 (DPM Plate 22.2 C-2
Pasture or Range Land: fair condition)
Developed Pervious CN = 61 (DPM Plate 22.2 C-2
Open Space: Good Condition)
Time of Concentration/Time to Peak

$T_c = 0.0078 L^{0.77} / S^{0.385}$ (Kirpich Equation)

$T_p = T_c = 10 \text{ min.}$

Point Rainfall

$P_g = 2.54 \text{ in.}$ (DPM Plate 22.2 D-1)

Rational Method

Discharge: $Q = C i A$

where C varies
 $i = P_g (6.84) T_c^{-0.51} = 5.37 \text{ in/hr}$
 $P_g = 2.54 \text{ in}$ (DPM Plate 22.2D-1)
 $T_c = 10 \text{ min}$ (minimum)
A = area, acres

SCS Method

Volume: $V = 3630(\text{DRO}) A$

Where DRO = Direct runoff in inches
A = area, acres

Existing Condition

$A_{\text{total}} = 173,990 \text{ sf} = 3.99 \text{ Ac}$
Undeveloped area = 173,990 sf (1.00)
 $C = 0.40$ (Weighted average per Emergency Rule, 1/14/86)
 $Q_{100} = C i A = 8.6 \text{ cfs}$
 $A_{\text{imp}} = -0- \text{ sf}; \% \text{ impervious} = -0- \%$
Composite CN = 70 (DPM Plate 22.2 C-3)
DRO = 0.47 in (DPM Plate 22.2 C-4)
 $V_{100} = 3630 (\text{DRO}) A = 6870 \text{ cf}$

Developed Condition

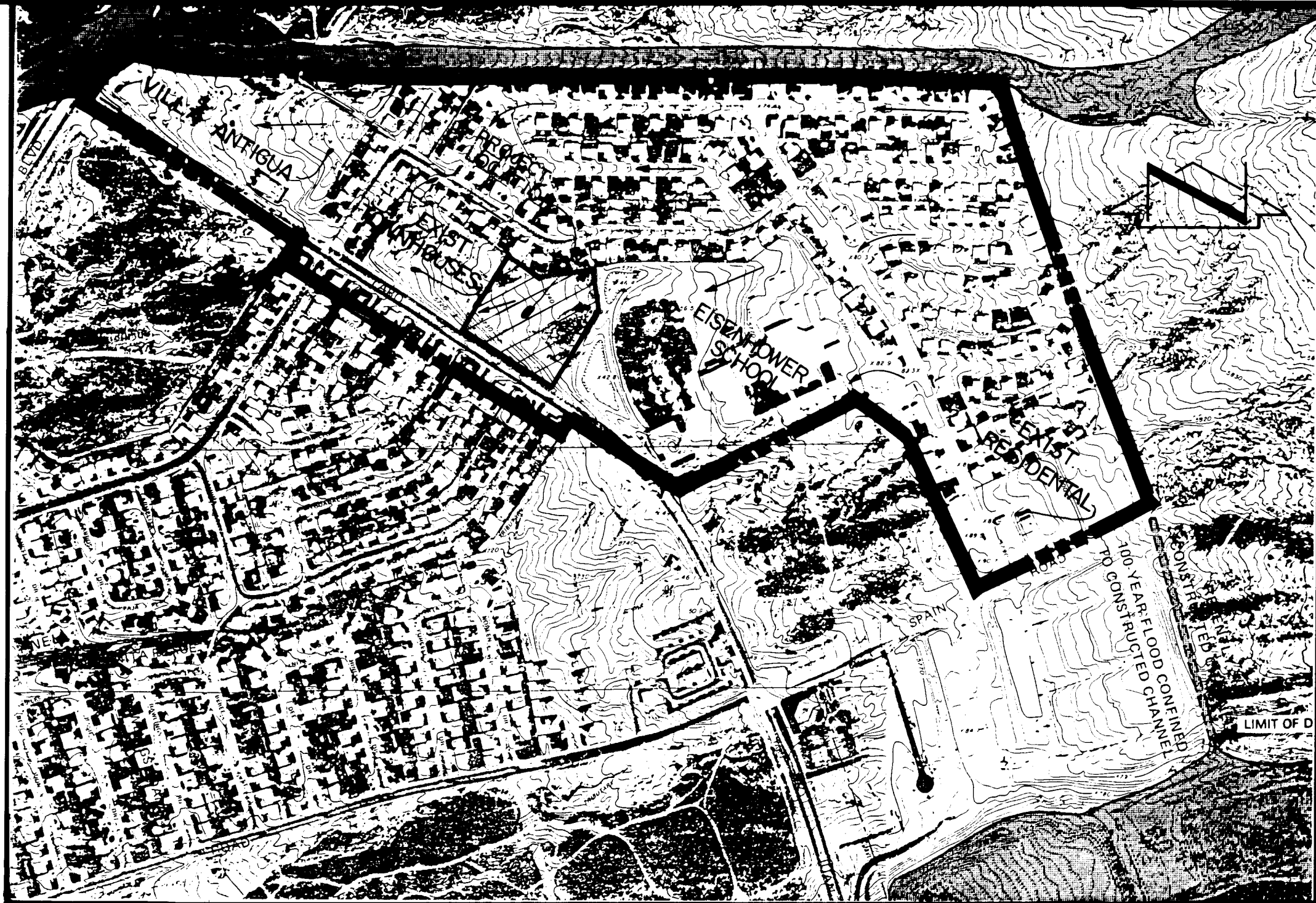
$A_{\text{total}} = 173,990 \text{ sf} = 3.99 \text{ Ac}$
Roof area = 49,544 sf (0.28)
Paved area = 49,711 sf (0.29)
Landscaped area = 74,735 sf (0.43)
 $C = 0.635$ (Weighted average per Emergency Rule, 1/14/86)
 $Q_{100} = C i A = 13.6 \text{ cfs}$
 $A_{\text{imp}} = 99,255 \text{ sf}; \% \text{ impervious} = 57 \%$
Composite CN = 82 (DPM Plate 22.2 C-3)
DRO = 1.0 in (DPM Plate 22.2 C-4)
 $V_{100} = 3630 (\text{DRO}) A = 14,480 \text{ cf}$

Comparison

$\Delta Q_{100} = 13.6 - 8.6 = 5.0 \text{ cfs}$ (Increase)
 $\Delta V_{100} = 14,480 - 6,870 = 7,610 \text{ cf}$ (Increase)

Watershed Analysis

Total Area = 123 Acres
Area of Site = 4 Acres
Site $\% = 4/123 = 3\%$ (Negligible)

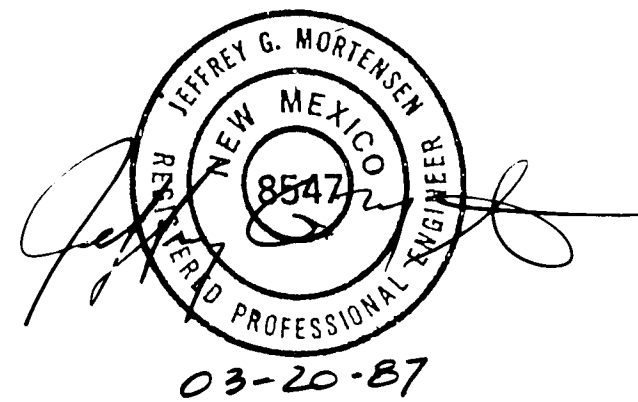


WATERSHED MAP

SCALE: 1" = 500'

FEMA MAP 18

ELEVATIONS SHOWN HEREON BASED UPON ASSUMED DATUM. TO ADJUST ELEVATIONS TO A.C.S. DATUM SUBTRACT 12.06 FEET.



26 3,232,0488



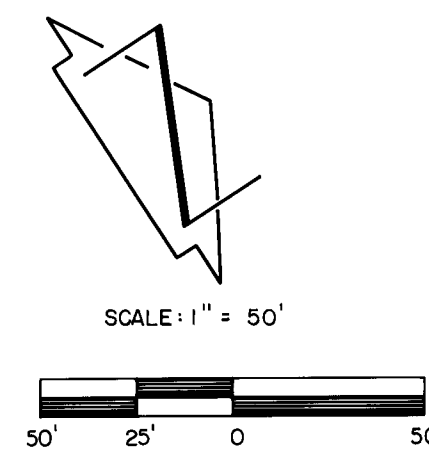
NO.	DATE	BY	REVISIONS
1	10/87	JGM	ADJUST DATUM

DESIGNED BY: J.G.M.
DRAWN BY: R.A.R.
APPROVED: J.G.M.

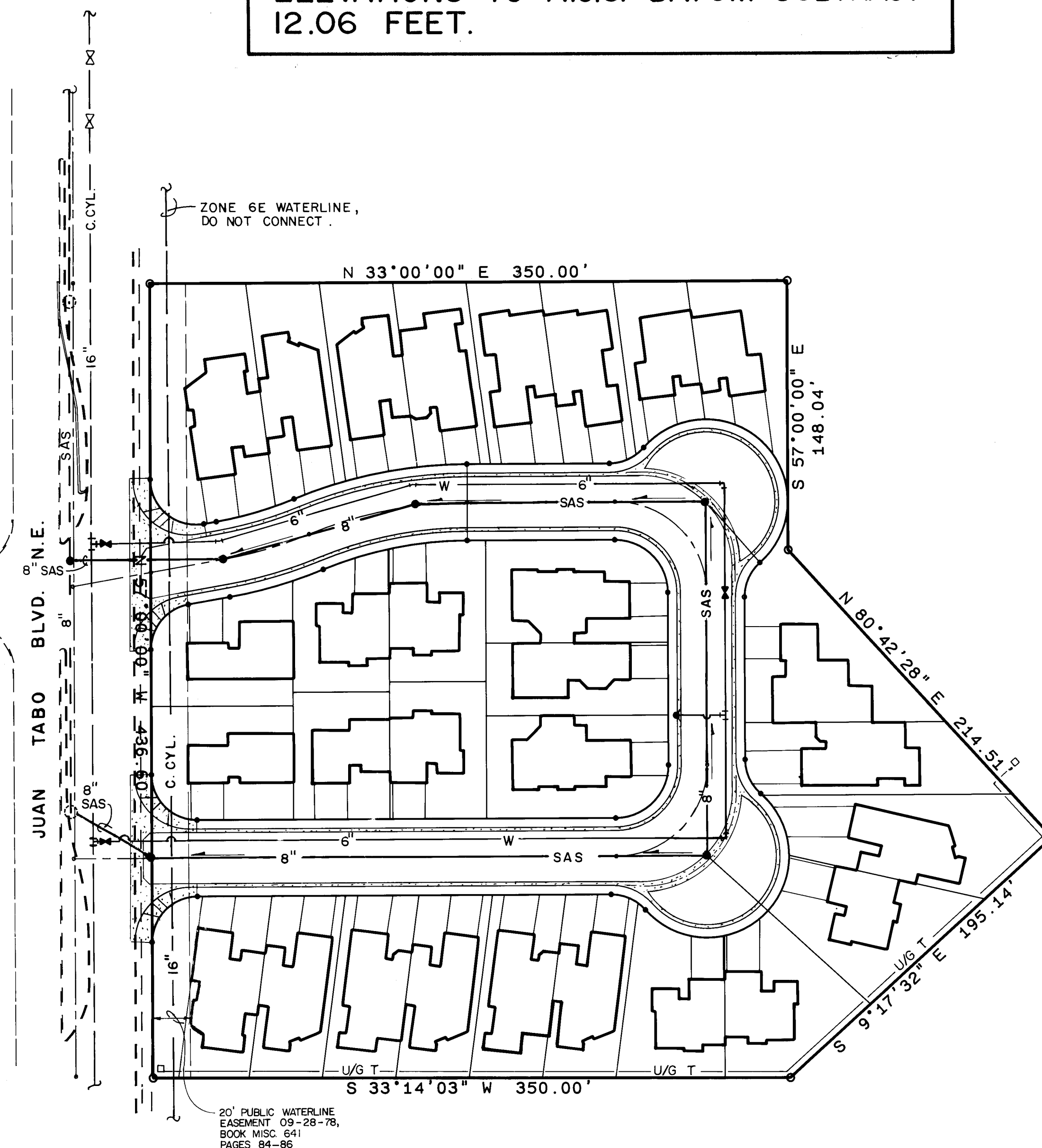
JOB NO.
61442
DATE
04 / 87

GRADING & DRAINAGE PLAN
BURNHAMWOOD

DWG. NO.
3232
SHEET 4 OF 11



ELEVATIONS SHOWN HEREON BASED
UPON ASSUMED DATUM. TO ADJUST
ELEVATIONS TO A.C.S. DATUM SUBTRACT
12.06 FEET.



WATER & SANITARY SEWER SITE PLAN

ELEVATIONS SHOWN HEREON BASED
UPON ASSUMED DATUM. TO ADJUST
ELEVATIONS TO A.C.S. DATUM SUBTRACT
12.06 FEET.

STREET PAVING IMPROVEMENTS

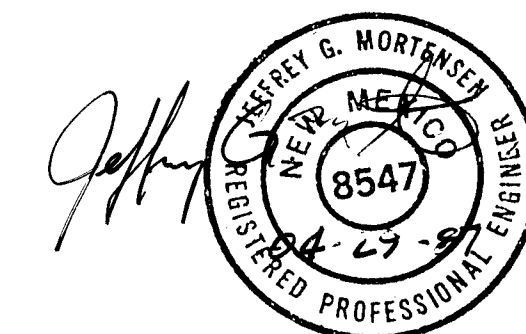
1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON CENTERLINE STATIONING UNLESS OTHERWISE NOTED.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.
4. ALL SIDEWALK SHOWN HEREON SHALL BE CONSTRUCTED UNDER SEPARATE PERMIT. A SIDEWALK VARIANCE WAS APPROVED BY DRB ON 03-31-87 (SV-87-18).
5. ALL WHEELCHAIR RAMPS MUST BE CONSTRUCTED UNDER THIS WORK ORDER.
6. ALL CURB AND GUTTER SHOWN HEREON SHALL BE STANDARD CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415.
7. PROFILE INFORMATION FOR KNUCKLES IS SHOWN ON SHEET 8. FOR THE PURPOSE OF CONSTRUCTING THE KNUCKLES, STATIONING IS BASED UPON THE FACE OF CURB WITH EQUATION STATIONS DENOTING THE BEGINNING AND ENDING OF THE KNUCKLE PROFILE.

NOTES:

1. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986.
2. CONTRACTOR SHALL PREPARE AND SUBMIT TO TRAFFIC ENGINEERING, FOR APPROVAL, A TRAFFIC CONTROL PLAN FOR THE WORK IN THE JUAN TABO BOULEVARD N.E. RIGHT-OF-WAY. CONTRACTOR'S ATTENTION IS DRAWN TO SECTION 19.2 REGARDING WORK IN MAJOR ROADWAYS.

**APPROVED FOR
CONSTRUCTION**

CITY ENGINEER

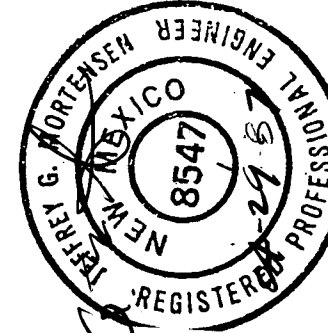


CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE:		BURNHAMWOOD PAVING SITE PLAN WATER & SANITARY SEWER SITE PLAN			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	<i>4/12/87</i>	Liquid Waste	<i>[Signature]</i>	<i>5-8-87</i>
A C E - Design	<i>[Signature]</i>	<i>5/31/87</i>	Traffic	<i>[Signature]</i>	<i>5-8-87</i>
A C E - Hydrology	<i>[Signature]</i>	<i>5-8-87</i>	Water	<i>[Signature]</i>	<i>5-8-87</i>
DRAWING NO.			SHEET OF		
3232			5 11		

		REFERENCES		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		MAP NO.		FIELD NOTES				CONTRACTOR	
		EST NO.	W.O. NO.	NO.	BY	DATE	WORK ORDER NO.		DATE
	ADJUST DATUM	J.G.M.					INSPECTOR'S ACCEPTANCE BY		DATE
	NO. DATE	BY					FIELD LIGATION BY		DATE
REMARKS							DRAWINGS CORRECTED BY		DATE
							MICRO-FILM INFORMATION		
							RECORDED BY		DATE
						△	NO		

81 DALLAS NE - ALBUQUERQUE - NEW MEXICO - 87110

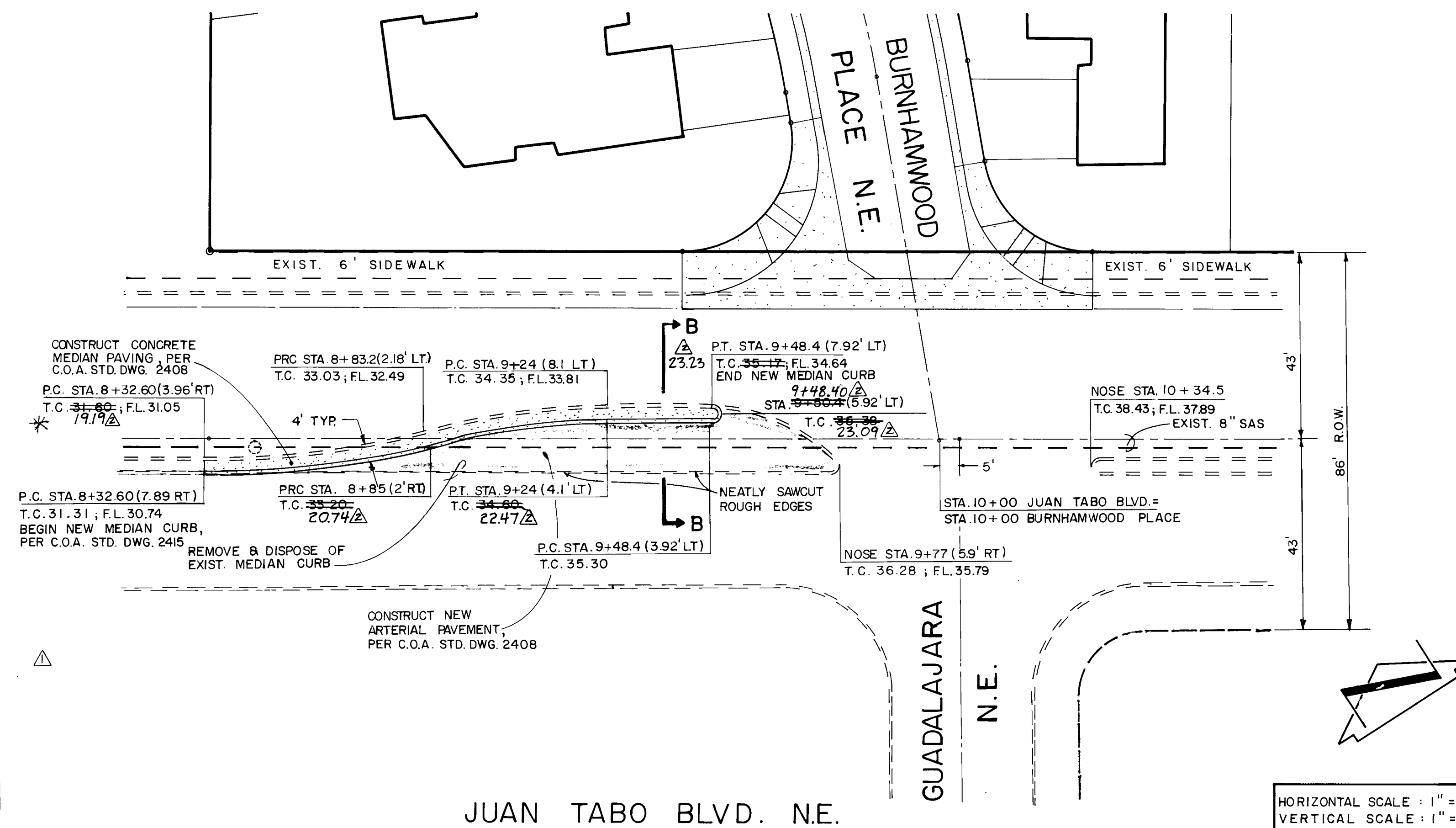
ENGINEERS

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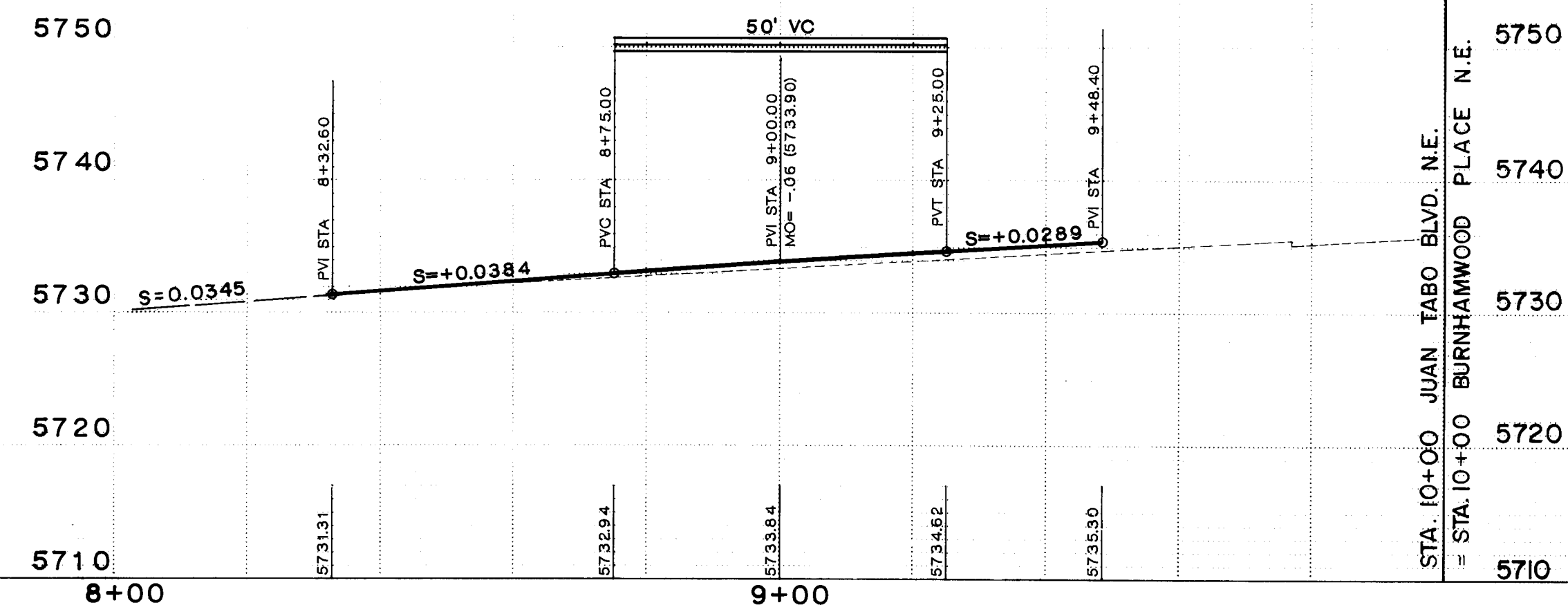
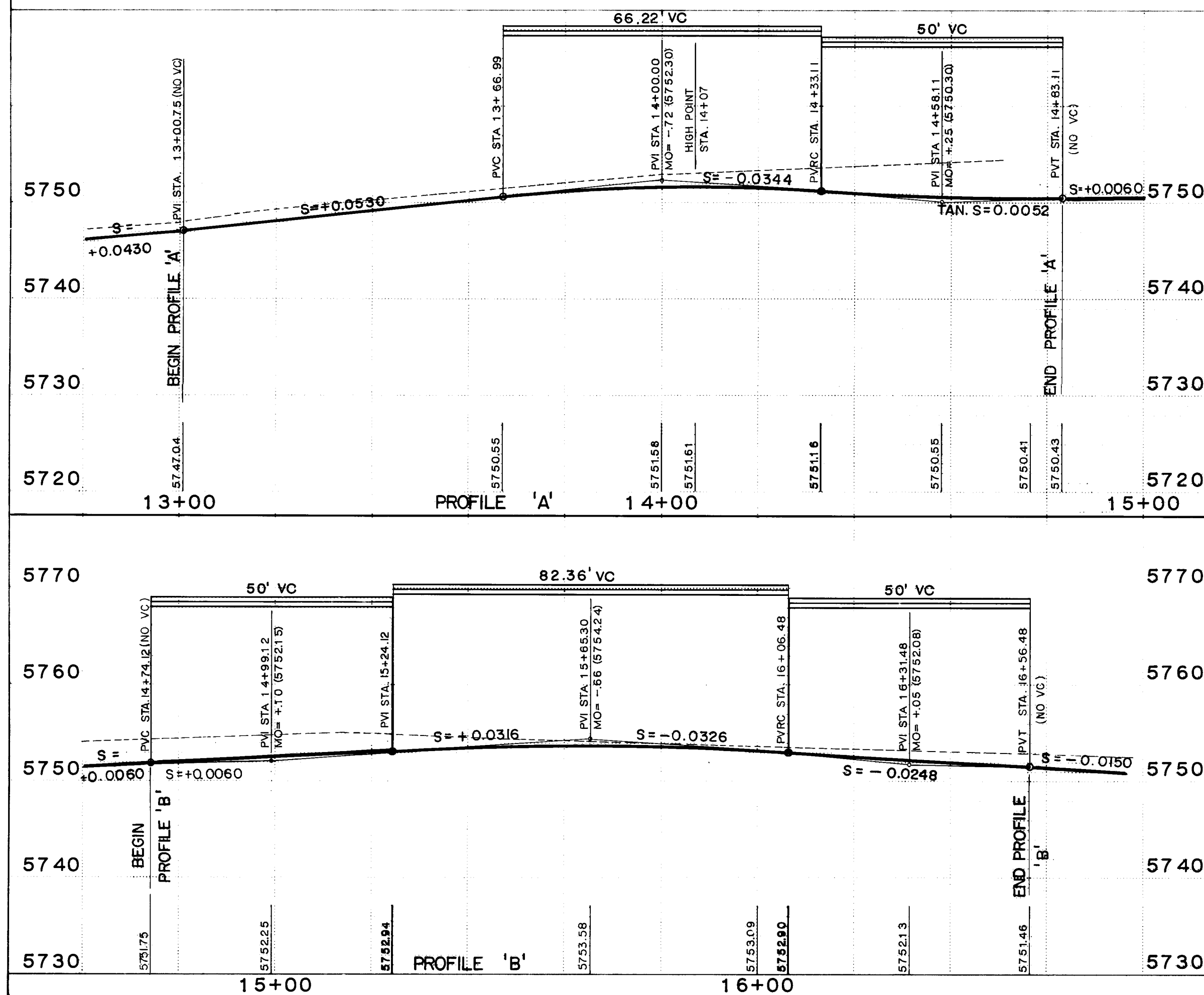
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: PAVING IMPROVEMENTS & PROFILE STA. 14 + 60 TO STA. 18 + 53.43 BARTONWOOD PLACE N.E.					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	6/12/87	Liquid Waste	<i>[Signature]</i>	5-8-87
A.C.E. - Design	<i>[Signature]</i>	5/18/87	Traffic	<i>[Signature]</i>	5/19/87
A.C.E. - Hydrology	<i>[Signature]</i>	5-1-87	Water	<i>[Signature]</i>	5-8-87
DRAWING NO. 3232		MAP NO. E-21		SHEET 7 OF 11	

FOR PROFILE 'B' PLAN VIEW,
SEE SHEET 7

ELEVATIONS SHOWN HEREON BASED
UPON ASSUMED DATUM. TO ADJUST
ELEVATIONS TO A.C.S. DATUM SUBTRACT
12.06 FEET.



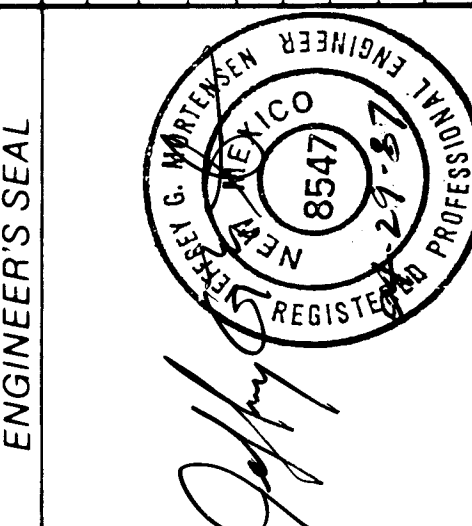
ELEVATIONS SHOWN HEREON BASED
UPON ASSUMED DATUM. TO ADJUST
ELEVATIONS TO A.C.S. DATUM SUBTRACT
12.06 FEET.



1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON CENTERLINE STATIONING UNLESS OTHERWISE NOTED.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, THE CONTRACTOR SHALL SAWCUT AND/OR REMOVE TO THE NEAREST JOINT. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
3. ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.
4. ALL CURB & GUTTER SHOWN HEREON SHALL BE MEDIAN CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415
5. PROFILE INFORMATION FOR KNUCKLES IS SHOWN ON SHEET 8. FOR THE PURPOSE OF CONSTRUCTING THE KNUCKLES, STATIONING IS BASED UPON THE FACE OF CURB WITH STATION NUMBERS DENOTING THE BEGINNING AND ENDING OF THE KNUCKLE PROFILE.

1. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986.
2. CONTRACTOR SHALL PREPARE AND SUBMIT TO TRAFFIC ENGINEERING, FOR APPROVAL, A TRAFFIC CONTROL PLAN FOR THIS JUNE 1988 JUAN TABO BOULEVARD N.E. RIGHT-OF-WAY. CONTRACTOR'S ATTENTION IS DRAWN TO SECTION 19.2 REGARDING WORK IN MAJOR ROADWAYS.

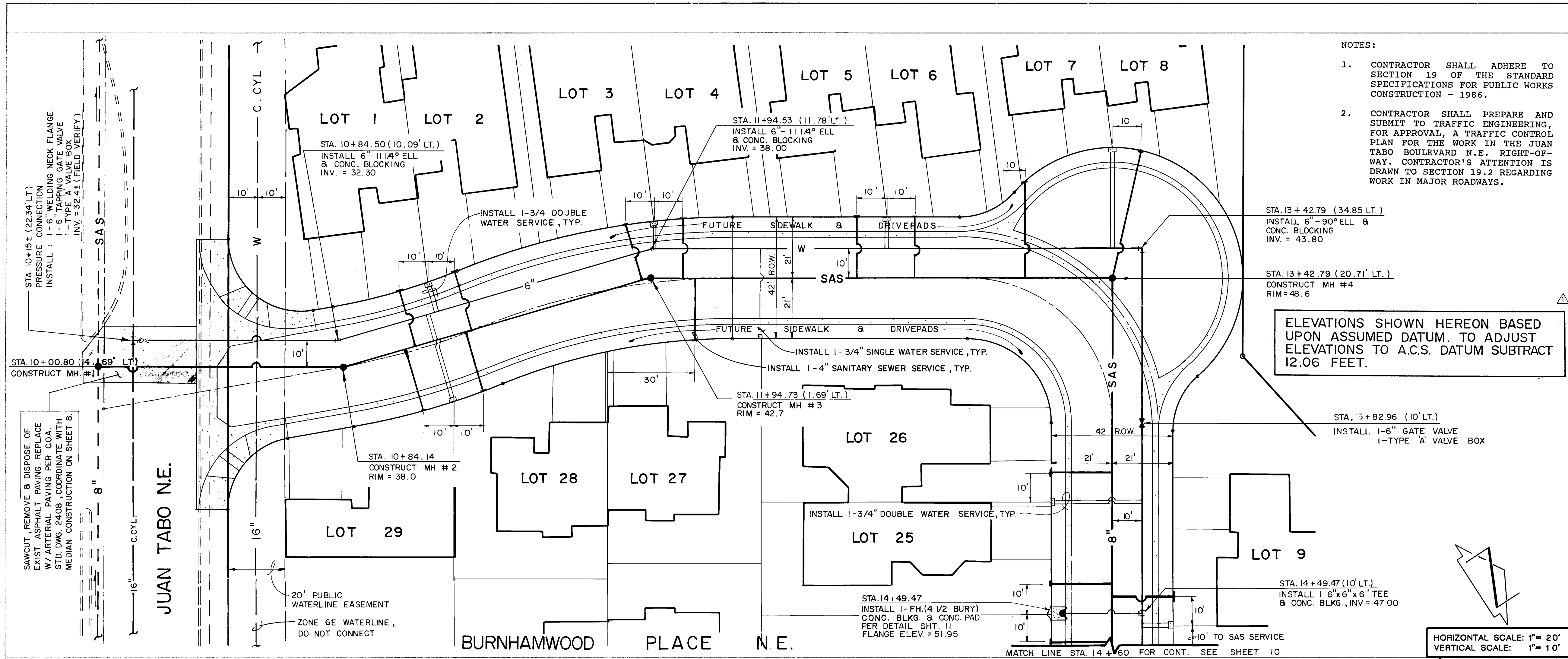
* ORIGINAL B.M. FOR THIS JOB HAD
A BUST OF APPROX. 12'

[illegible]

TITLE:	JUAN TABO BLVD, N.E. LEFT TURNBAY PROFILE 'A'; PROFILE 'B'
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APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	4/12/97	Liquid Waste	N/W	5-8-87
A&E - Design	<i>[Signature]</i>	5/8/87	Traffic	David W. Harris	5/9/87
A & E - Hydrology	<i>[Signature]</i>	5-8-87	Water	N/W	5-8-87

DRAWING NO.	3232	MAP NO.	E-21	SHEET	8	OF	11
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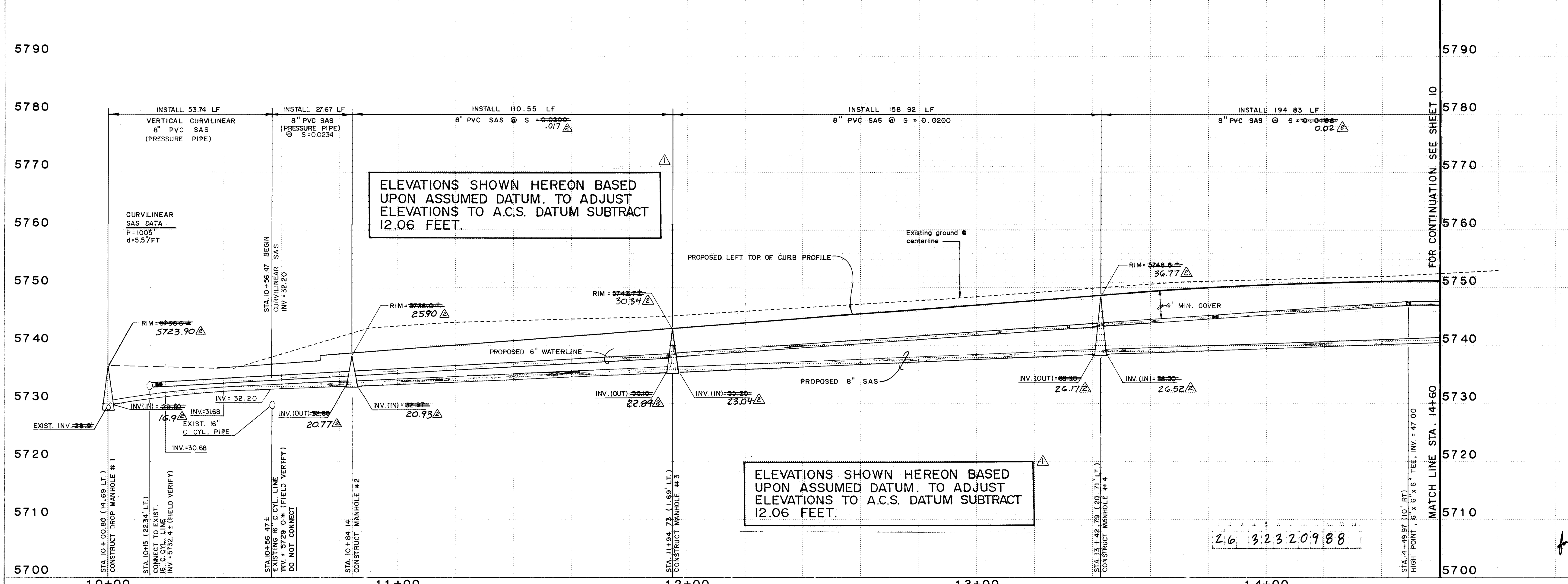


- NOTES:
- CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986.
 - CONTRACTOR SHALL PREPARE AND SUBMIT TO TRAFFIC ENGINEERING, FOR APPROVAL, A TRAFFIC CONTROL PLAN FOR THE WORK IN THE JUAN TABO BOULEVARD N.E. RIGHT-OF-WAY. CONTRACTOR'S ATTENTION IS DRAWN TO SECTION 19.2 REGARDING WORK IN MAJOR ROADWAYS.

ELEVATIONS SHOWN HEREON BASED UPON ASSUMED DATUM. TO ADJUST ELEVATIONS TO A.C.S. DATUM SUBTRACT 12.06 FEET.

- SANITARY SEWER SYSTEM**
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS INDICATED OTHERWISE.
 - ALL SEWER PIPE SHALL BE PVC (SDR 35) OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER (SEE NOTE 6).
 - SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
 - ALL MANHOLES SHALL BE FOUR-FOOT DIAMETER TYPE 'E' AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.
 - SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS AS PER CITY OF ALBUQUERQUE STANDARD DRAWING 2145. EMD SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - VITRIFIED CLAY AND DUCTILE IRON ARE ACCEPTABLE PIPE MATERIALS IN LIEU OF PVC.
- WATER DISTRIBUTION SYSTEM**
- ALL STATIONING IS BASED ON STREET CENTERLINE.
 - WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER (SEE NOTE 12).
 - WATER LINE SHALL HAVE A MINIMUM COVER OF 4'0" (TOP OF CURB TO TOP OF PIPE).
 - WATER LINE SHALL BE LOCATED 10'0" FROM AND PARALLEL TO STREET CENTERLINE UNLESS OTHERWISE NOTED.
 - ELECTRONIC MARKET DISKS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 - DUCTILE IRON AND ASBESTOS CEMENT ARE ACCEPTABLE PIPE MATERIALS IN LIEU OF PVC.
 - CONNECTIONS TO THE EXISTING CONCRETE CYLINDER WATER LINE SHALL BE COORDINATED AND SPECIFIED BY THE CITY OF ALBUQUERQUE WATER SYSTEMS DIVISION PRIOR TO THE COMMENCEMENT OF WATER LINE CONSTRUCTION.

SCHEDULE OF SERVICES				
LOT	WATER SIZE	WATER TYPE	SANITARY SEWER SIZE	INV. @ P.L.
1	3/4"	DOUBLE	4"	35.0
2	3/4"	DOUBLE	4"	35.5
3	3/4"	DOUBLE	4"	38.0
4	3/4"	DOUBLE	4"	39.0
5	3/4"	DOUBLE	4"	42.0
6	3/4"	DOUBLE	4"	42.5
7	3/4"	DOUBLE	4"	46.0
8	3/4"	DOUBLE	4"	46.5
9	3/4"	DOUBLE	4"	47.5
10	3/4"	DOUBLE	4"	48.0
11	3/4"	SINGLE	4"	49.0
12	3/4"	DOUBLE	4"	49.0
13	3/4"	DOUBLE	4"	49.5
14	3/4"	DOUBLE	4"	49.5
15	3/4"	DOUBLE	4"	47.5
16	3/4"	DOUBLE	4"	46.5
17	3/4"	DOUBLE	4"	44.5
18	3/4"	DOUBLE	4"	43.5
19	3/4"	DOUBLE	4"	41.5
20	3/4"	SINGLE	4"	40.5
21	3/4"	DOUBLE	4"	41.0
22	3/4"	DOUBLE	4"	42.0
23	3/4"	SINGLE	4"	44.5
24	3/4"	SINGLE	4"	48.0
25	3/4"	DOUBLE	4"	47.5
26	3/4"	DOUBLE	4"	47.0
27	3/4"	SINGLE	4"	39.0
28	3/4"	DOUBLE	4"	36.0
29	3/4"	DOUBLE	4"	35.0



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: WATER & SANITARY EXTENSIONS
STA. 10+00 TO STA. 14+60
BURNHAMWOOD PLACE N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/18/87	Liquid Waste	<i>[Signature]</i>	5-8-87
ACE - Design	<i>[Signature]</i>	5/18/87	Traffic	<i>[Signature]</i>	5/8/87
ACE - Hydrology	<i>[Signature]</i>	5-8-87	Water	<i>[Signature]</i>	5-8-87

DRAWING NO. 3232 MAP NO. E-21 SHEET 9 OF 11

ELEVATIONS SHOWN HEREON BASED UPON ASSUMED DATUM. TO ADJUST ELEVATIONS TO A.C.S. DATUM SUBTRACT 12.06 FEET.

NOTES:

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- CONTRACTOR SHALL PREPARE AND SUBMIT TO TRAFFIC ENGINEERING, FOR APPROVAL, A TRAFFIC CONTROL PLAN FOR THE WORK IN THE JUAN TABO BOULEVARD N.E. RIGHT-OF-WAY. CONTRACTOR'S ATTENTION IS DRAWN TO SECTION 19.2 REGARDING WORK IN MAJOR ROADWAYS.

SANITARY SEWER SYSTEM

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WATER DISTRIBUTION SYSTEM

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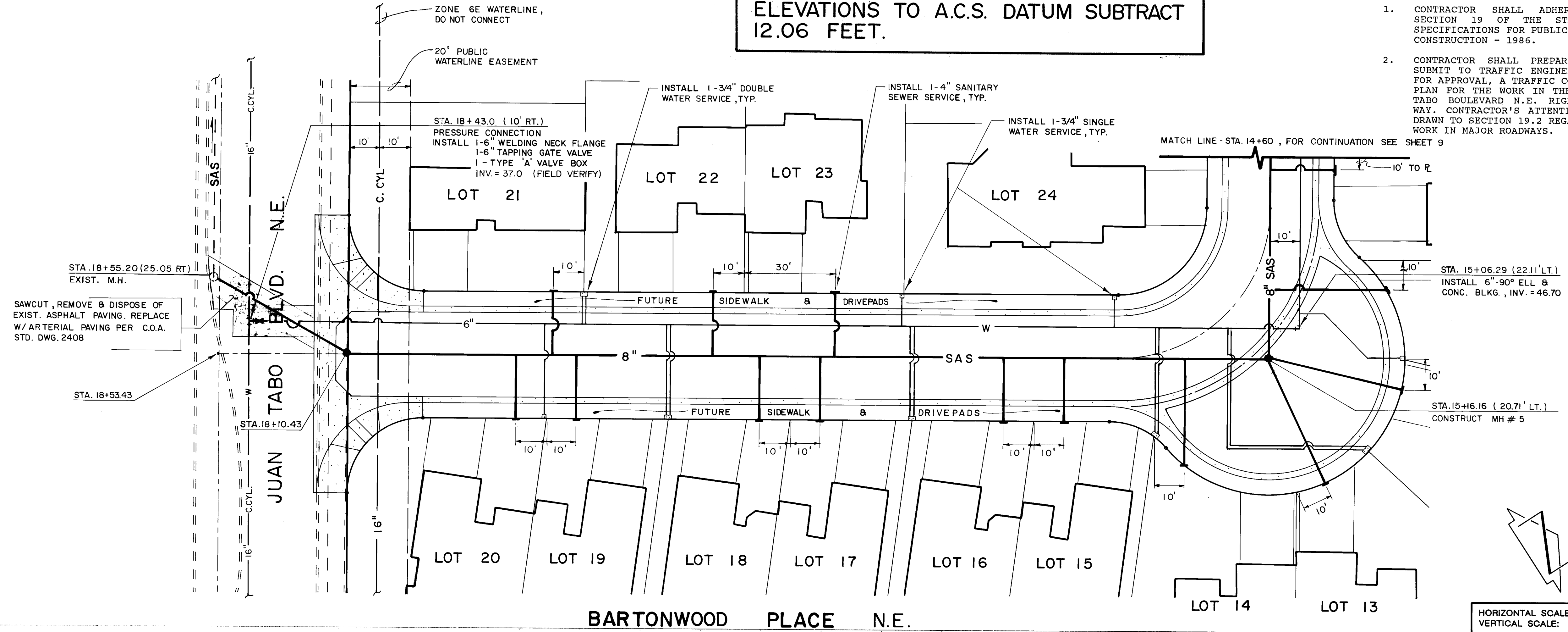
SCHEDULE OF SERVICES

LOT	WATER		SANITARY SEWER	
	SIZE	TYPE	SIZE	INV. @ P.L.
1	3/4"	DOUBLE	4"	35.0
2	3/4"	DOUBLE	4"	35.5
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4	3/4"	DOUBLE	4"	39.0
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24	3/4"	SINGLE	4"	48.0
25	3/4"	DOUBLE	4"	47.5
26	3/4"	DOUBLE	4"	47.0
27	3/4"	SINGLE	4"	39.0
28	3/4"	DOUBLE	4"	36.0
29	3/4"	DOUBLE	4"	35.0

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: WATER & SANITARY SEWER EXTENSIONS
STA. 14+60 TO STA. 18+53.43
BARTONWOOD PLACE N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	4/15/87	Liquid Waste	<i>[Signature]</i>	5-8-87
A-C-E-Design	<i>[Signature]</i>	5/18/87	Traffic	<i>[Signature]</i>	5/8/87
A-C-E-Hydrology	<i>[Signature]</i>	5-1-87	Water	<i>[Signature]</i>	5-8-87



ELEVATIONS SHOWN HEREON BASED UPON ASSUMED DATUM. TO ADJUST ELEVATIONS TO A.C.S. DATUM SUBTRACT 12.06 FEET.

ELEVATIONS SHOWN HEREON BASED UPON ASSUMED DATUM. TO ADJUST ELEVATIONS TO A.C.S. DATUM SUBTRACT 12.06 FEET.

