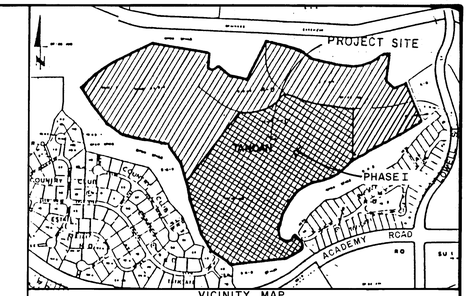
CONSTRUCTION PLANS
FOR
DESERT CLASSIC AT TANOAN
SUBDIVISION - PHASE I
ALBUQUERQUE, NEW MEXICO

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2–7	SUBDIVISION PLAT
8	DRAINAGE / GRADING PLAN
9	RETAINING WALL DETAILS
10	PAVING & STORM DRAIN PLAN
11	WATER DISTRIBUTION PLAN
12	SANITARY SEWER PLAN
13–21	PAVING PLAN & PROFILE
	WOODMAR LANE
	DESERT CLASSIC LANE
	FAIRINGTON WAY
	PINE TOP LANE
	PENFIELD LANE / MARINER LANE
	WOODMAR / PINE TOP CUL-DE-SACS
	GLEN OAK
	SKY VALLEY
22–29	UTILITY PLAN & PROFILE
	WOODMAR LANE
	DESERT CLASSIC LANE
	FAIRINGTON WAY
	PINE TOP LANE
	PENFIELD LANE / MARINER LANE
	WOODMAR / PINE TOP CUL-DE-SACS
	GLEN OAK
	GLEN OAK / STORM DRAIN OUTLET



VICINITY MAP
NOT TO SCALE
ZONE ATLAS MAP E-22

GENERAL NOTES

NOTICE TO CONTRACTORS

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
4. FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION, CONTRACTOR MUST CONTACT WATER SYSTEMS, 823-4200, FOR WATER SHUT OFF.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

WILLIAM I. FISHER C131 2/9/88 REGISTERED PROFESSIONAL ENGINEER

1 2 3 4 5 6 7 8 9 10 11 12
2 6 2 4 7 9 0 1 8 8

APPROVAL OF AS BUILT DRAWINGS
DATE CONSTRUCTION ENGR
DATE 2-18-88

RECORD DRAWINGS
DATE JAN 7 1988

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT	DATE	USER DEPT.	DATE

APPROVAL OF REVISIONS

HENRY L. DAVIS 8984 6-17-87 REGISTERED PROFESSIONAL ENGINEER

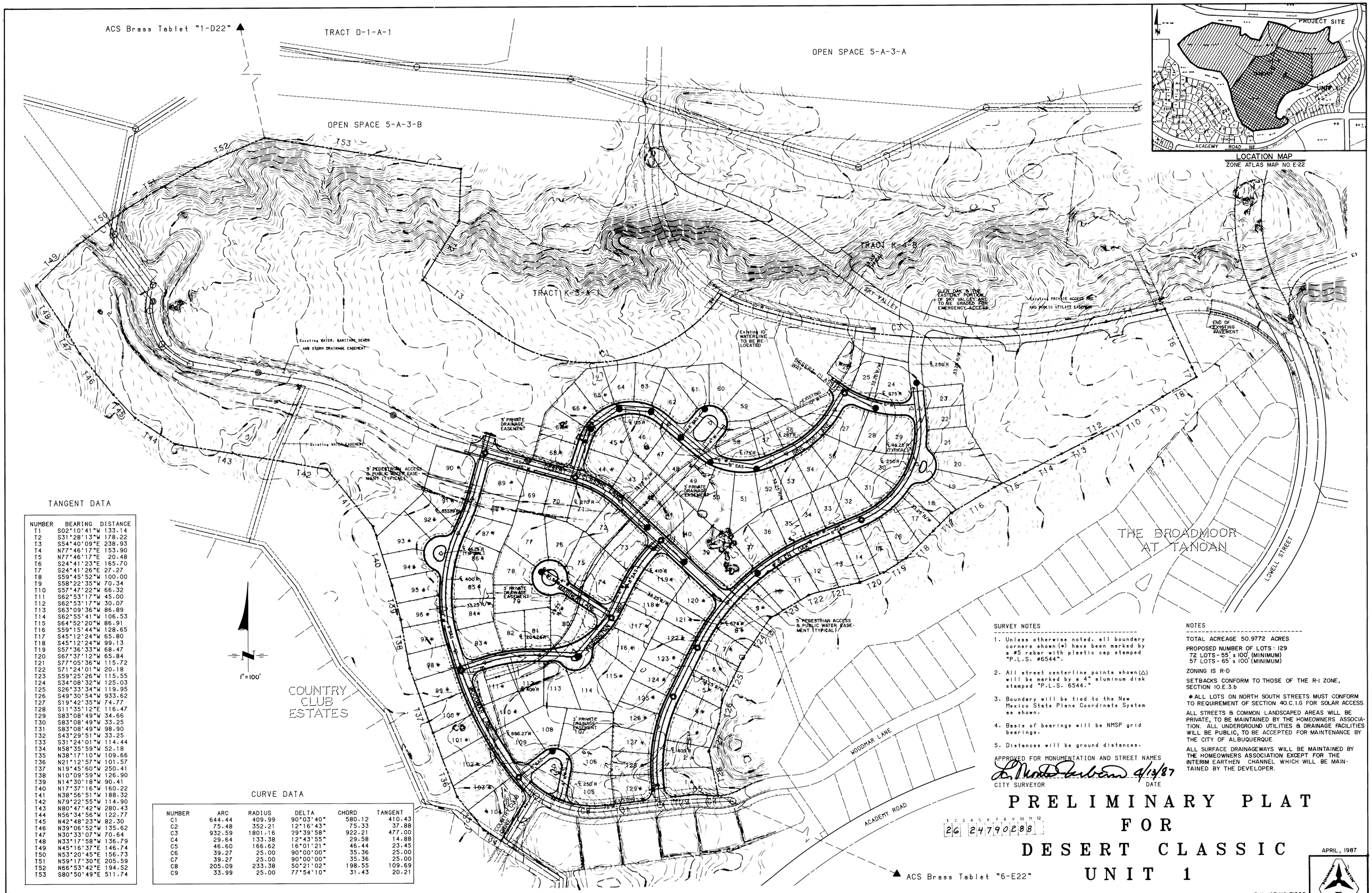
BOHANNAN · HUSTON INC.
ALBUQUERQUE SANTA FE EL PASO
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

APPROVED FOR CONSTRUCTION
8-5-87 C.E.

PROJECT NUMBER 2479

SHEET 1 OF 29

BHI JOB Nº 71263



TANGENT DATA

NUMBER	BEARING	DISTANCE
T1	S02°10'41"W	133.14
T2	S31°28'13"W	178.22
T3	S54°40'09"E	238.93
T4	N77°46'17"E	153.90
T5	N77°46'17"E	20.48
T6	S24°41'23"E	165.70
T7	S24°41'26"E	27.27
T8	S59°45'52"W	100.00
T9	S58°22'35"W	70.34
T10	S57°47'22"W	66.32
T11	S62°53'17"W	45.00
T12	S62°53'17"W	30.07
T13	S63°09'36"W	86.89
T14	S62°55'41"W	106.53
T15	S64°52'20"W	86.91
T16	S59°15'44"W	128.65
T17	S45°12'24"W	65.80
T18	S45°12'24"W	99.13
T19	S57°36'33"W	68.47
T20	S67°37'12"W	65.84
T21	S77°05'36"W	115.72
T22	S71°24'01"W	20.18
T23	S59°25'26"W	115.55
T24	S34°08'32"W	125.03
T25	S26°33'34"W	119.95
T26	S49°30'54"W	933.62
T27	S19°42'35"W	74.77
T28	S11°35'12"E	116.47
T29	S83°08'49"W	34.66
T30	S83°08'49"W	33.25
T31	S83°08'49"W	98.90
T32	S43°29'51"W	33.25
T33	S31°24'01"W	114.44
T34	N58°35'59"W	52.18
T35	N38°17'10"W	109.66
T36	N21°12'57"W	101.57
T37	N19°45'60"W	250.41
T38	N10°09'59"W	126.90
T39	N14°30'18"W	90.41
T40	N17°37'16"W	160.22
T41	N38°56'51"W	188.32
T42	N79°22'55"W	114.90
T43	N80°47'42"W	280.43
T44	N56°34'56"W	122.77
T45	N42°49'23"W	82.30
T46	N39°06'52"W	135.62
T47	N30°33'07"W	70.64
T48	N33°17'58"W	136.79
T49	N45°16'37"E	146.74
T50	N53°20'45"E	156.73
T51	N59°17'30"E	205.59
T52	N66°53'42"E	194.52
T53	S80°50'49"E	511.74

CURVE DATA

NUMBER	ARC	RADIUS	DELTA	CHORD	TANGENT
C1	644.44	409.99	90°03'40"	580.12	410.43
C2	75.48	352.21	12°16'43"	75.33	37.88
C3	932.59	1801.16	29°39'58"	922.21	477.00
C4	29.64	133.38	12°43'55"	29.58	14.88
C5	46.60	166.62	16°01'21"	46.44	23.45
C6	39.27	25.00	90°00'00"	35.36	25.00
C7	39.27	25.00	90°00'00"	35.36	25.00
C8	205.09	233.38	50°21'02"	198.55	109.69
C9	33.99	25.00	77°54'10"	31.43	20.21

SURVEY NOTES

1. Unless otherwise noted, all boundary corners shown (●) have been marked by a #5 rebar with plastic cap stamped "P.L.S. #6544".
2. All street centerline points shown (△) will be marked by a 4" aluminum disk stamped "P.L.S. 6544."
3. Boundary will be tied to the New Mexico State Plane Coordinate System as shown.
4. Basis of bearings will be NMSP grid bearings.
5. Distances will be ground distances.

APPROVED FOR MONUMENTATION AND STREET NAMES

4/13/87

CITY SURVEYOR DATE

NOTES

TOTAL ACREAGE 50.9772 ACRES

PROPOSED NUMBER OF LOTS: 129
72 LOTS - 55' x 100' (MINIMUM)
57 LOTS - 65' x 100' (MINIMUM)

ZONING IS R-D

SETBACKS CONFORM TO THOSE OF THE R-1 ZONE, SECTION 10.E.3.b

* ALL LOTS ON NORTH SOUTH STREETS MUST CONFORM TO REQUIREMENT OF SECTION 40.C.1.G FOR SOLAR ACCESS.

ALL STREETS & COMMON LANDSCAPED AREAS WILL BE PRIVATE, TO BE MAINTAINED BY THE HOMEOWNERS ASSOCIATION. ALL UNDERGROUND UTILITIES & DRAINAGE FACILITIES WILL BE PUBLIC, TO BE ACCEPTED FOR MAINTENANCE BY THE CITY OF ALBUQUERQUE.

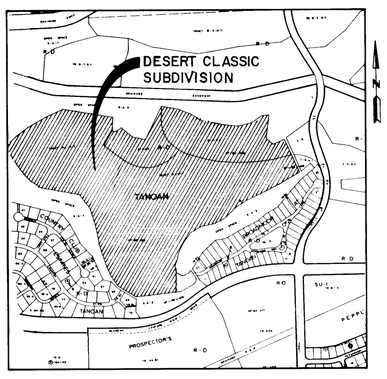
ALL SURFACE DRAINAGEWAYS WILL BE MAINTAINED BY THE HOMEOWNERS ASSOCIATION EXCEPT FOR THE INTERIM EARTHEN CHANNEL WHICH WILL BE MAINTAINED BY THE DEVELOPER.

1 2 3 4 5 6 7 8 9 10 11 12
26 24790288

PRELIMINARY PLAT FOR DESERT CLASSIC UNIT 1

APRIL, 1987

BHI JOB NO. 71260



LOCATION MAP

ZONE ATLAS MAP E-22-Z

Not-To-Scale

SUBDIVISION DATA

1. DRB No. 87-59
2. Zone Atlas Index No E-22-Z
3. Site located in the west 1/2, Section 27, T11N, R4E, N.M.P.M. (as projected)
4. Gross Subdivision Acreage: 65.7734 Acres
5. Total number of lots created: 126 lots and 3 tracts.
6. Date of field survey: November 1986
7. This plat shows existing easements
8. The purpose of this plat is to subdivide the 65.7734 acres into 126 lots, grant easements and common areas, and dedicate right-of-way, and vacate the 20' public waterline easment and the private access & public utility easement as approved by the DRB on 4/14/87 as V-87-42

For Subdivision notes see Sheet 2 of 6

SURVEYOR'S CERTIFICATION

I, Tom Klingenhagen, a registered Professional New Mexico Land Surveyor, certify that this plat was prepared by me or under my supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Tom Klingenhagen
NMPLS 5978

Bohannan-Huston, Inc.
Courtyard 1
7500 Jefferson N.E.
Albuquerque, N.M. 87109

REGISTERED LAND SURVEYOR 5978 NEW MEXICO TOM KLINGENHAGEN

State of New Mexico)
**
County of Bernalillo)

The foregoing instrument was acknowledged before me this 16th day of June, 1987, by Tom Klingenhagen.

My Commission Expires: 2/23/91 Diane E. Agar
Notary Public

OFFICIAL SEAL
DIANE E. AGAR
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 2/23/91

DESCRIPTION

A certain tract of land situate within the Elena Gallegos Grant in Sections 27 and 28, (as projected), T 11 N, R 4 E, N.M.P.M., City of Albuquerque, Bernalillo County, New Mexico, being and comprising Tracts K-1-B and K-4-B of the THIRD REVISION PLAT OF TANOAN PROPERTIES, as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on June 20, 1986 in Volume C-30, Folio 155, and Tract K-3-A-1 of the SECOND REVISION PLAT OF TANOAN PROPERTIES as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on Sept. 23, 1985 in Volume C-28, Folio 79, and being more particularly described as a whole by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at a point on the northerly boundary of the tract herein described, being the most northerly corner of the above mentioned Tract K-1-B, whence the ACS Survey Monument "1-D22" (New Mexico State Plane Grid Coordinates for the Central Zone: x = 420,728.02, y = 1,513,437.51) bears N 12° 03' 40" W, 1071.10 feet and from said point of beginning running thence along the northerly boundary of said Tract K-1-B,
S 80° 50' 49" E, 511.74 feet to a point; thence,
S 02° 10' 42" W, 133.14 feet to the northerly corner common to said Tract K-1-B and the above mentioned Tract K-3-A-1 being the northwest corner of said Tract K-3-A-1; thence along the northerly boundary of said Tract K-3-A-1,
S 70° 19' 26" E, 31.50 feet to a point; thence,
N 56° 04' 09" E, 69.73 feet to a point; thence,
S 50° 53' 49" E, 143.79 feet to a point; thence,
S 78° 43' 32" E, 137.55 feet to a point; thence,
N 26° 09' 32" E, 374.86 feet to the northerly corner common to said Tract K-3-A-1 and the above mentioned Tract K-4-B being the northwest corner of said Tract K-4-B; thence along the northerly boundary of said Tract K-4-B,
S 80° 36' 15" E, 171.57 feet to a point; thence,
S 69° 55' 50" E, 121.55 feet to a point; thence,
S 58° 39' 56" E, 123.90 feet to a point; thence,
S 79° 21' 22" E, 251.21 feet to a point; thence,
S 84° 55' 14" E, 140.48 feet to a point; thence,
N 75° 49' 03" E, 141.39 feet to a point; thence,
N 66° 02' 15" E, 128.78 feet to a point; thence,
N 82° 14' 25" E, 70.29 feet to the northeast corner of the tract herein described and of said Tract K-4-B; thence along the easterly boundary of said Tract K-4-B,
S 06° 37' 18" W, 242.46 feet to a point; thence,
S 49° 34' 50" E, 91.66 feet to a point; thence,
N 68° 33' 09" E, 104.56 feet to a point; thence,
S 24° 41' 23" E, 159.00 feet to the southeast corner of said Tract K-4-B being a point on the northerly boundary of said Tract K-1-B; thence along said northerly boundary,
N 77° 46' 17" E, 20.48 feet to the northeast corner of said Tract K-1-B; thence along the easterly boundary of said Tract K-1-B,
S 24° 41' 23" E, 165.70 feet to a point; thence,
S 24° 41' 26" E, 27.27 feet to the southeast corner of the tract herein described and of said Tract K-1-B; thence along the southerly boundary of said Tract K-1-B,
S 59° 45' 52" W, 100.00 feet to a point; thence,
S 58° 22' 35" W, 70.34 feet to a point; thence,
S 57° 47' 22" W, 66.32 feet to a point; thence,
S 62° 53' 18" W, 75.07 feet to a point; thence,
S 63° 09' 36" W, 86.89 feet to a point; thence,
S 62° 55' 41" W, 106.53 feet to a point; thence,
S 64° 52' 21" W, 86.91 feet to a point; thence,
S 59° 15' 44" W, 128.65 feet to a point; thence,
S 65° 12' 24" W, 164.93 feet to a point; thence,
S 57° 36' 33" W, 68.47 feet to a point; thence,
S 67° 37' 12" W, 65.84 feet to a point; thence,
S 77° 05' 36" W, 115.72 feet to a point; thence,
S 71° 24' 02" W, 20.18 feet to a point; thence,
S 59° 25' 26" W, 115.55 feet to a point; thence,
S 34° 08' 32" W, 125.03 feet to a point; thence,
S 26° 33' 34" W, 119.95 feet to a point; thence,
S 08° 02' 56" W, 61.22 feet to a point; thence,
S 19° 42' 35" W, 74.77 feet to a point; thence,
S 11° 35' 12" E, 116.47 feet to a point on curve; thence,
29.63 feet along the arc of a curve to the right having a radius of 133.38 feet and a chord bearing N 87° 11' 47" W, 29.58 feet to a point of reverse curvature; thence,
46.60 feet along the arc of a curve to the left having a radius of 166.62 feet and a chord bearing N 88° 50' 31" W, 46.44 feet to a point of tangency; thence,
S 83° 08' 49" W, 34.66 feet to a point of curvature; thence,
39.27 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing N 51° 51' 11" W, 35.36 feet to a point; thence,
S 83° 08' 49" W, 33.25 feet to a point on curve; thence,
39.27 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing S 38° 08' 49" W, 35.36 feet to a point of tangency; thence,
S 83° 08' 49" W, 98.90 feet to a point of curvature; thence,
205.09 feet along the arc of a curve to the right having a radius of 233.37 feet and a chord bearing N 71° 40' 40" W, 198.55 feet to a point on said curve; thence,
S 43° 29' 51" W, 33.25 feet to a point on curve; thence,
33.99 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing S 07° 33' 04" E, 31.43 feet to a point of tangency; thence,
S 31° 24' 01" W, 114.44 feet to the most southerly corner of said Tract K-1-B; thence continuing along the westerly boundary of said Tract K-1-B,
N 58° 35' 59" W, 52.18 feet to a point; thence,
N 38° 17' 10" W, 109.66 feet to a point; thence,
N 21° 12' 57" W, 101.57 feet to a point; thence,
N 19° 46' 00" W, 250.41 feet to a point; thence,
N 10° 09' 59" W, 126.90 feet to a point; thence,
N 14° 30' 18" W, 90.41 feet to a point; thence,
N 17° 37' 16" W, 160.22 feet to a point; thence,
N 38° 56' 51" W, 188.32 feet to a point; thence,
N 79° 22' 55" W, 114.90 feet to a point; thence,
N 80° 47' 42" W, 280.43 feet to a point; thence,
N 56° 34' 56" W, 122.77 feet to a point; thence,
N 42° 48' 23" W, 82.30 feet to a point; thence,
N 39° 06' 52" W, 135.62 feet to a point; thence,
N 30° 33' 07" W, 70.64 feet to a point; thence,
N 33° 17' 58" W, 136.79 feet to the most westerly corner of said Tract K-1-B; thence,
N 45° 16' 37" E, 146.74 feet to a point; thence,
N 53° 20' 45" E, 156.73 feet to a point; thence,
N 59° 17' 30" E, 205.59 feet to a point; thence,
N 66° 53' 42" E, 194.52 feet to the point and place of beginning.

Tract contains 65.7734 acres, more or less.

BRUNING

SUBDIVISION MAP FOR DESERT CLASSIC AT TANOAN SUBDIVISION

ALBUQUERQUE, NEW MEXICO

APRIL, 1987

FREE CONSENT AND DEDICATION

The foregoing replat of that certain tract of land situate within the Elena Gallegos Grant, within the west 1/2 of Section 27 (as projected), T.11N, R.4E., N.M.P.M., City of Albuquerque, Bernalillo County, New Mexico being Tracts K-1-B and K-4-B of Tanoan Properties as the same is shown and designated on the plat, entitled Third Revision Plat of Tanoan Properties, filed in the office of the County Clerk of Bernalillo County, New Mexico on June 20, 1986 in Volume C30, Folio 155, and Tract K-3-A-1 of Tanoan Properties, as the same is shown and designated on the plat, entitled Second Revision Plat of Tanoan Properties, filed in the office of the County Clerk of Bernalillo County, New Mexico on Sept. 23, 1985 in Volume C28, Folio 79 and now hereon shown as and comprising Desert Classic is with the free consent and in accordance with the desi~es of the undersigned owner (s) and/or proprietor (s) thereof and said owner (s) and/or proprietor (s) do hereby grant all easements shown on this plat. Electrical Power and Communication easements are reserved for overhead distribution lines, conduits and pipes for underground utilities, and other related equipment where shown or indicated, including the responsibility of ingress and egress for construction and maintenance, and the responsibility to trim interfering trees and shrubs.

CENTEX HOMES CORPORATION

John Millick
Division President

State of New Mexico)
**
County of Bernalillo)

The foregoing instrument was acknowledged before me this 16th day of June, 1987 by John Millick, on behalf of Centex Homes Corporation.

My Commission Expires: 8/31/89 Erlinda A. Valdez
Notary Public

OFFICIAL SEAL
ERLINDA A. VALDEZ
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 8/31/89

APPROVALS

PLAT NUMBER----------.

PLANNING DIRECTOR	DATE
CITY ENGINEER	DATE
A.M.A.F.C.A.	DATE
TRAFFIC ENGINEER	DATE 06.17.87
CITY SURVEYOR	DATE
PROPERTY MANAGEMENT	DATE 6-17-87
WATER RESOURCES DEPARTMENT	DATE
PARKS & RECREATION DEPARTMENT	DATE 5-19-87
PUBLIC SERVICE COMPANY OF NEW MEXICO	DATE
MOUNTAIN BELL	DATE 5-18-87
GAS COMPANY OF NEW MEXICO	DATE

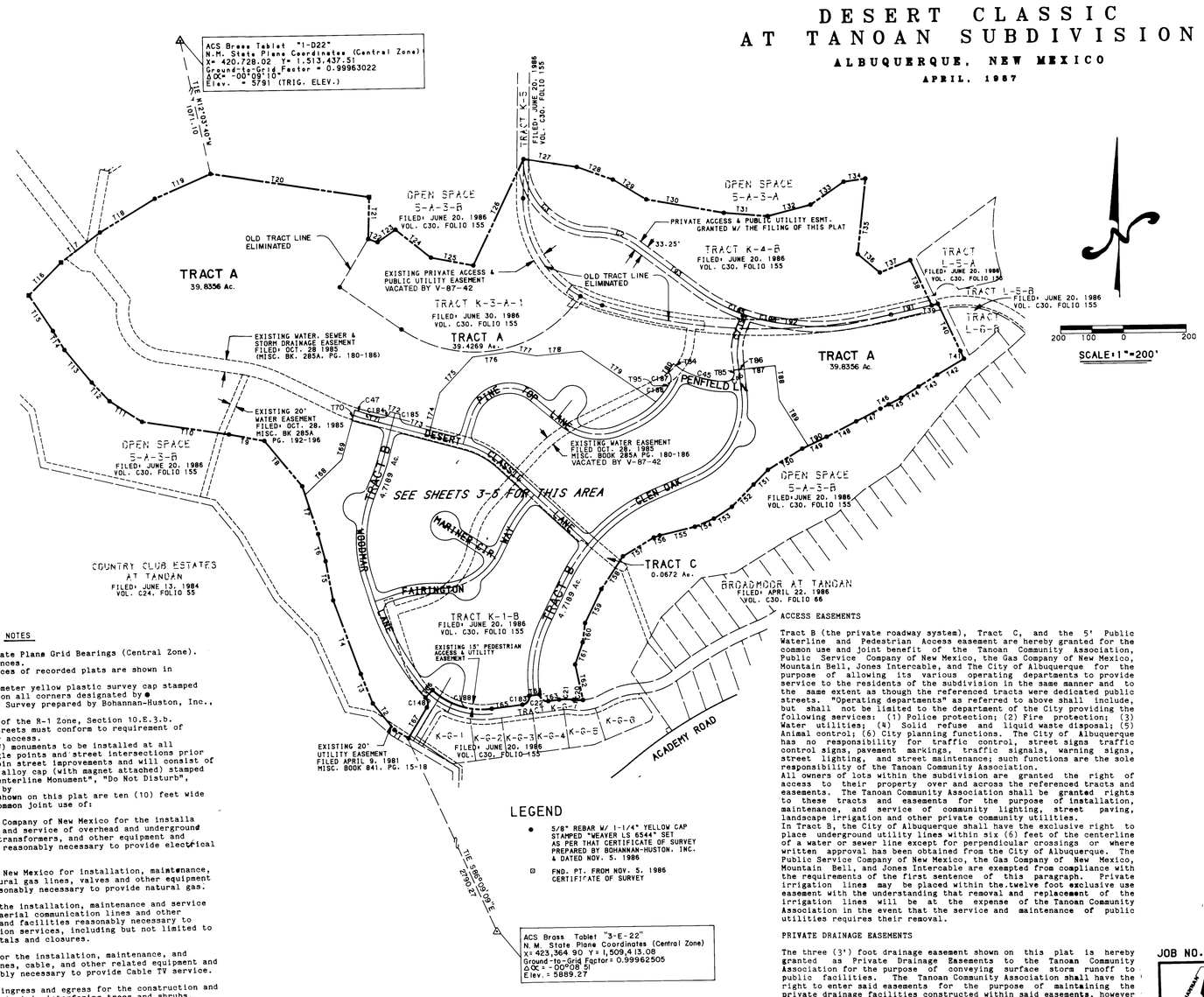
1 2 3 4 5 6 7 8 9 10 11 12
26 24790388

JOB NO. 71262

SHEET 1 OF 6 SHEETS

BRUNING

SUBDIVISION MAP FOR DESERT CLASSIC AT TANOAN SUBDIVISION
ALBUQUERQUE, NEW MEXICO
APRIL, 1987



NOTES

1. Bearings are New Mexico State Plane Grid Bearings (Central Zone).
2. Distances are ground distances.
3. Record bearings and distances of recorded plats are shown in parenthesis.
4. 5/8" rebar with 1-1/4" diameter yellow plastic survey cap stamped "WEAVER LS 6544" were set on all corners designated by ● as per that Certificate of Survey prepared by Bohannan-Huston, Inc., Dated Nov. 5, 1986.
5. Setbacks conform to those of the R-1 Zone, Section 10.E.3.b.
6. All lots on North South Streets must conform to requirement of Section 40.C.1.G for solar access.
7. Centerline (in lieu of R/W) monuments to be installed at all centerline PC's, PT's, angle points and street intersections prior to acceptance of subdivisoin street improvements and will consist of a four-inch (4") aluminum alloy cap (with magnet attached) stamped "City of Albuquerque", "Centerline Monument", "Do Not Disturb", "P.L.S. #6544" designated by
8. PUBLIC UTILITY EASEMENTS shown on this plat are ten (10) feet wide and are granted for the common joint use of:

   A. The Public Service Company of New Mexico for the installa tion, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.

   B. The Gas Company of New Mexico for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.

   C. Mountain Bell for the installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including but not limited to above ground pedestals and closures.

   D. Jones Intercable for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right of ingress and egress for the construction and maintenance and the right to trim interfering trees and shrubs. Also included is the right to install and maintain service lines.

LEGEND

● 5/8" REBAR W/ 1-1/4" YELLOW CAP STAMPED "WEAVER LS 6544" SET AS PER THAT CERTIFICATE OF SURVEY PREPARED BY BOHANNAN-HUSTON, INC. & DATED NOV. 5, 1986

⊡ FND. PT. FROM NOV. 5, 1986 CERTIFICATE OF SURVEY

ACCESS EASEMENTS

Tract B (the private roadway system), Tract C, and the 5' Public Waterline and Pedestrian Access easement are hereby granted for the common use and joint benefit of the Tanoan Community Association, Public Service Company of New Mexico, the Gas Company of New Mexico, Mountain Bell, Jones Intercable, and The City of Albuquerque for the purpose of allowing its various operating departments to provide service to the residents of the subdivision in the same manner and to the same extent as though the referenced tracts were dedicated public streets. "Operating departments" as referred to above shall include, but shall not be limited to the department of the City providing the following services: (1) Police protection; (2) Fire protection; (3) Water utilities; (4) Solid refuse and liquid waste disposal; (5) Animal control; (6) City planning functions. The City of Albuquerque has no responsibility for traffic control, street signs traffic control signs, pavement markings, traffic signals, warning signs, street lighting, and street maintenance; such functions are the sole responsibility of the Tanoan Community Association.
All owners of lots within the subdivision are granted the right of access to their property over and across the referenced tracts and easements. The Tanoan Community Association shall be granted rights to these tracts and easements for the purpose of installation, maintenance, and service of community lighting, street paving, landscape irrigation and other private community utilities.
In Tract B, the City of Albuquerque shall have the exclusive right to place underground utility lines within six (6) feet of the centerline of a water or sewer line except for perpendicular crossings or where written approval has been obtained from the City of Albuquerque. The Public Service Company of New Mexico, the Gas Company of New Mexico, Mountain Bell, and Jones Intercable are exempted from compliance with the requirements of the first sentence of this paragraph. Private irrigation lines may be placed within the twelve foot exclusive use easement with the understanding that removal and replacement of the irrigation lines will be at the expense of the Tanoan Community Association in the event that the service and maintenance of public utilities requires their removal.

PRIVATE DRAINAGE EASEMENTS

The three (3') foot drainage easement shown on this plat is hereby granted as Private Drainage Easements to the Tanoan Community Association for the purpose of conveying surface storm runoff to public facilities. The Tanoan Community Association shall have the right to enter said easements for the purpose of maintaining the private drainage facilities constructed within said easements, however responsibility for maintenance of said facilities shall be the individual homeowner's.

JOB NO. 71262

SHEET 2 OF 6 SHEETS

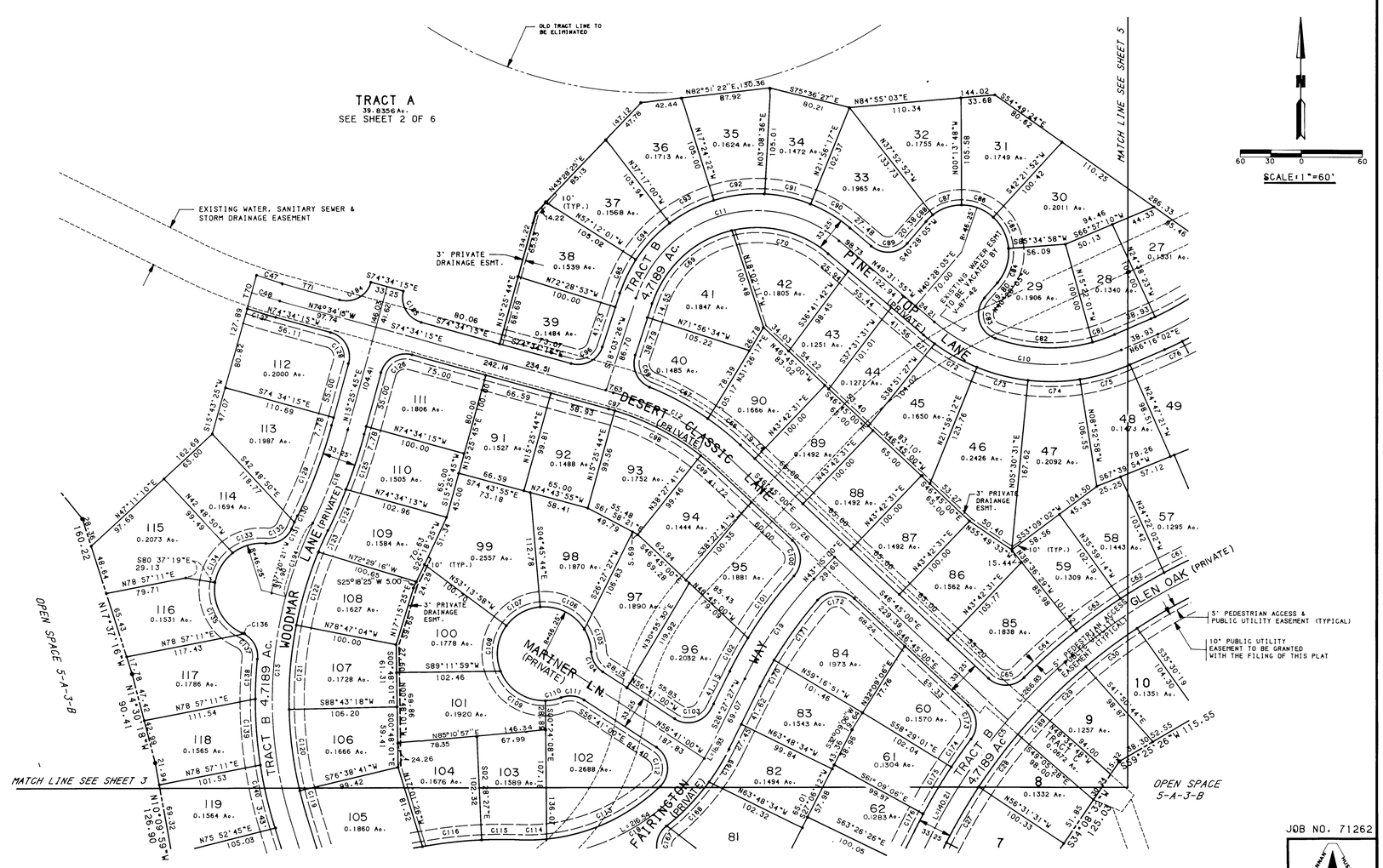
BRUNING

SUBDIVISION MAP FOR
DESERT CLASSIC AT TANOAN SUBDIVISION
ALBUQUERQUE, NEW MEXICO
APRIL, 1987

JOB NO. 71262

SHEET 3 OF 6 SHEET

SUBDIVISION MAP FOR
DESERT CLASSIC AT TANOAN SUBDIVISION
ALBUQUERQUE, NEW MEXICO
APRIL, 1987

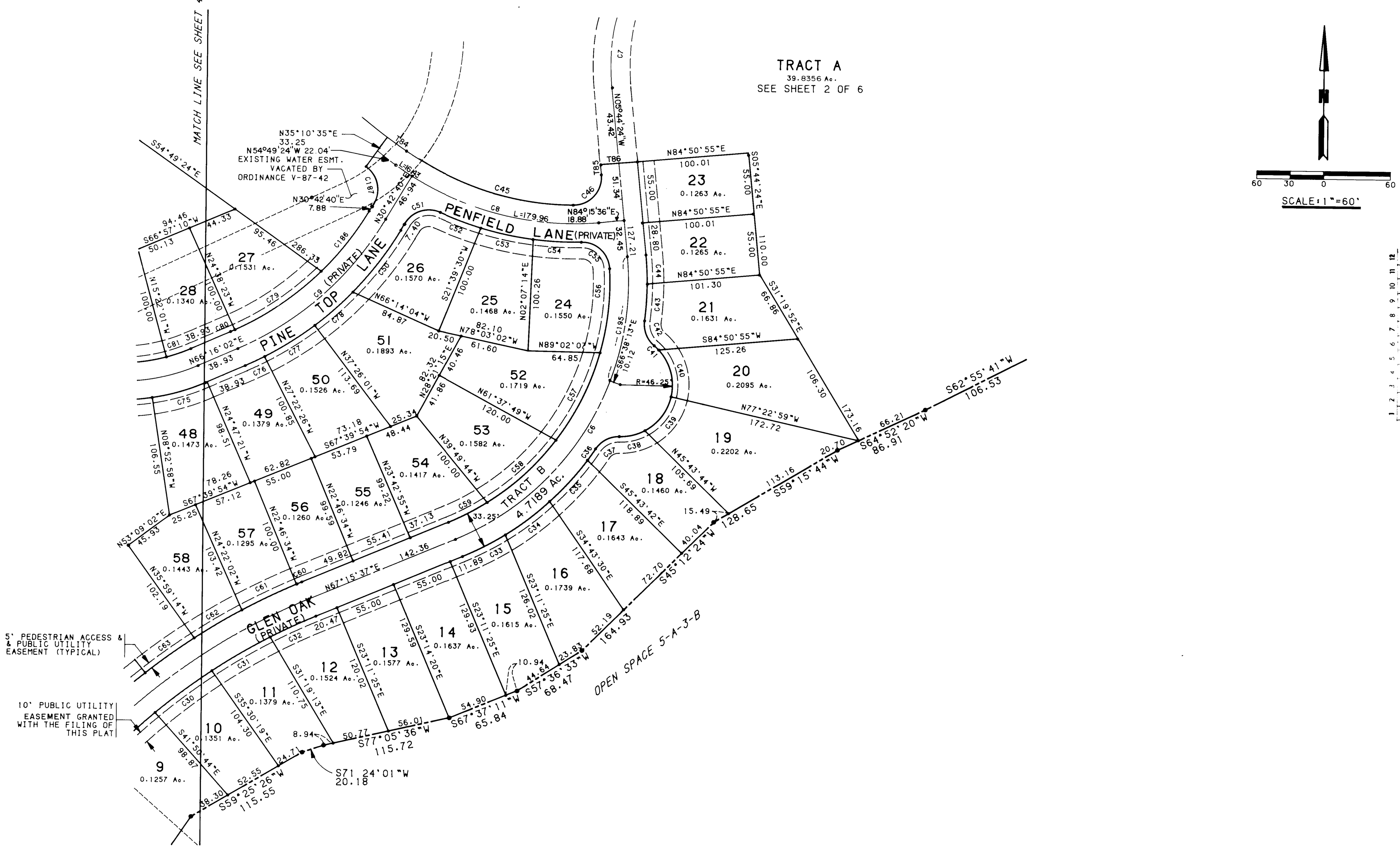


JOB NO. 71262

SHEET 4 OF 6 SHEETS

SUBDIVISION MAP FOR
DESERT CLASSIC
AT TANOAN SUBDIVISION
ALBUQUERQUE, NEW MEXICO

APRIL, 1987



26 2479 0588

JOB NO. 71262

SHEET 5 OF 6 SHEETS

SUBDIVISION MAP FOR
DESERT CLASSIC
AT TANOAN SUBDIVISION
ALBUQUERQUE, NEW MEXICO

APRIL, 1987

TANGENT TABLE

NUMBER	BEARING	DISTANCE
T1	N58°35'59"W	52.18
T2	N38°17'10"W	109.66
T3	N21°12'57"W	101.57
T4	N19°45'60"W	250.41
T5	N10°09'59"W	126.90
T6	N14°30'18"W	90.41
T7	N17°37'16"W	160.22
T8	N38°56'51"W	188.32
T9	N79°22'55"W	114.90
T10	N80°47'42"W	280.43
T11	N56°34'56"W	122.77
T12	N42°48'23"W	82.30
T13	N39°06'52"W	135.62
T14	N30°33'07"W	70.64
T15	N33°17'58"W	136.79
T16	N45°16'37"E	146.74
T17	N53°20'45"E	156.73
T18	N59°17'30"E	205.59
T19	N66°53'42"E	194.52
T20	S80°50'49"E	511.74
T21	S02°10'42"W	133.14
T22	S70°19'26"E	31.50
T23	N56°04'09"E	69.73
T24	S50°53'49"E	143.79
T25	S78°43'32"E	137.55
T26	N26°09'32"E	374.86
T27	S80°36'15"E	171.57
T28	S69°55'50"E	121.55
T29	S58°39'56"E	123.90
T30	S79°21'22"E	251.21
T31	S84°55'14"E	140.48
T32	N75°49'03"E	141.39
T33	N56°02'15"E	128.78
T34	N82°14'25"E	70.29
T35	S06°37'18"W	242.46
T36	S49°34'50"E	91.66
T37	N68°33'09"E	104.56
T38	S24°41'23"E	159.00
T39	N77°46'17"E	20.48
T40	S24°41'23"E	165.70
T41	S24°41'26"E	27.27
T42	S59°45'52"W	100.00
T43	S58°22'35"W	70.34
T44	S57°47'22"W	66.32
T45	S62°53'18"W	45.00
T46	S62°53'18"W	30.07
T47	S63°09'36"W	86.89
T48	S62°55'41"W	106.53
T49	S64°52'20"W	86.91
T50	S59°15'44"W	128.65
T51	S45°12'24"W	65.80
T52	S45°12'24"W	99.13
T53	S57°36'33"W	68.47
T54	S67°37'12"W	65.84
T55	S77°05'36"W	115.72
T56	S71°24'01"W	20.18
T57	S59°25'26"W	115.55
T58	S34°08'32"W	125.03
T59	S26°33'34"W	119.95
T60	S08°02'56"W	61.22
T61	S19°42'35"W	74.77
T62	S11°35'12"E	116.47
T63	S83°08'49"W	34.66
T64	S83°08'49"W	33.25
T65	S83°08'49"W	98.90
T66	S43°29'51"W	33.25
T67	S31°24'01"W	114.44
T68	N47°11'10"E	162.69
T69	N15°43'25"F	127.89
T70	S18°40'00"W	33.25
T71	N74°34'15"W	56.11
T72	S74°34'15"E	33.25
T73	S74°34'15"E	80.06
T74	N15°25'44"W	134.22
T75	N43°28'25"E	147.12
T76	N82°51'22"E	130.36
T77	S75°36'27"W	80.21
T78	N84°55'03"E	144.02
T79	S54°49'24"E	286.33
T80	N35°10'35"E	33.25
T81	S54°49'24"W	49.65
T82	N34°26'48"E	100.00
T83	S52°50'20"E	50.66
T84	N54°49'24"W	22.04
T85	S05°44'25"E	8.61
T86	S84°15'36'W	33.25
T87	N84°50'55"E	100.01
T88	S05°44'24"E	110.01
T89	S31°19'52"E	173.16
T90	S64°52'20"W	66.21
T91	S77°46'27"W	238.69
T92	S82°10'23"E	47.68
T93	S52°38'37"E	232.00
T94	N20°17'48"E	21.86
T95	N30°42'40"E	7.88

CURVE TABLE

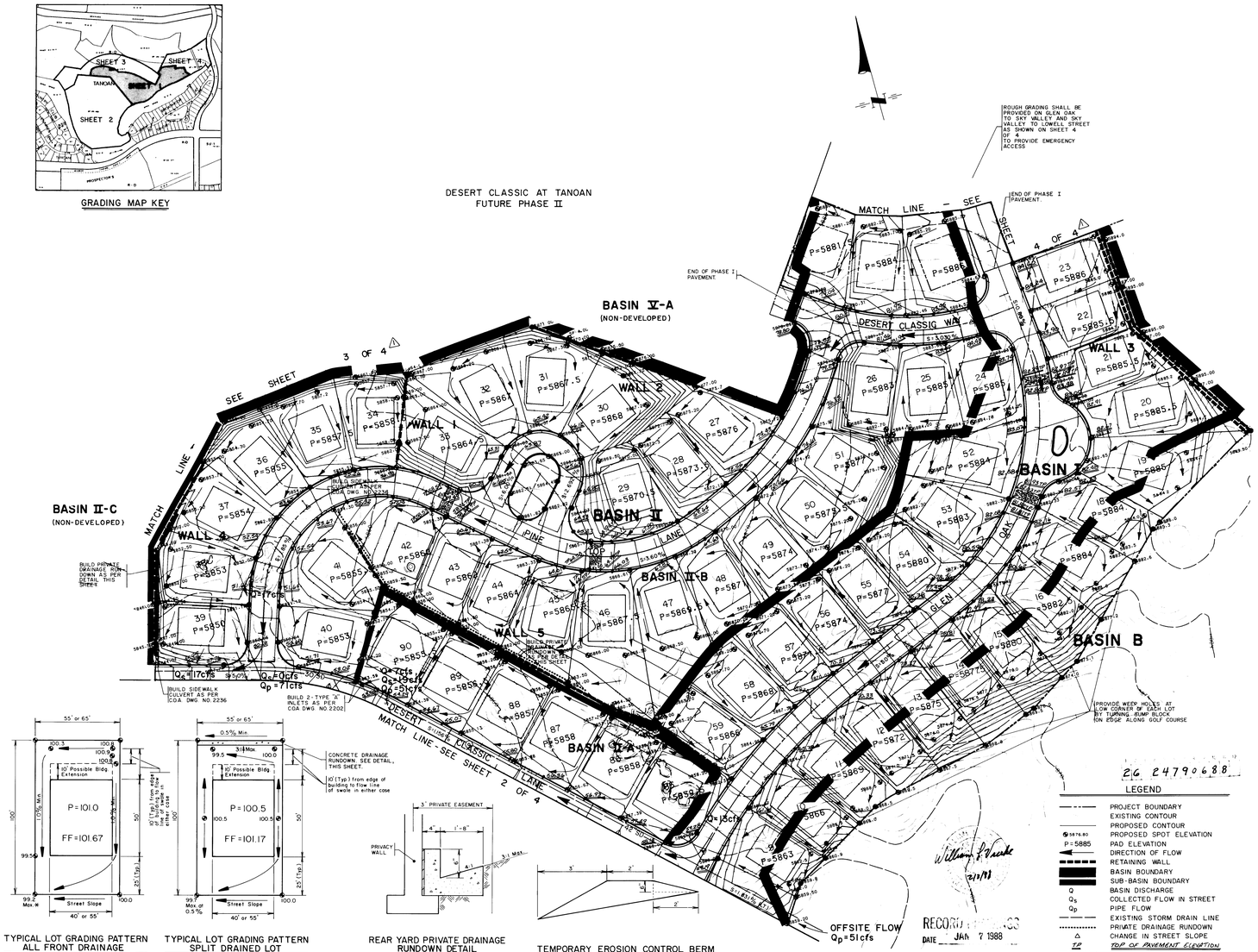
NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C1	200.54	573.00	20°03'10"	199.52	S87°48'02"W	101.31
C2	145.82	230.00	36°19'28"	143.39	N70°48'21"W	75.45
C3	362.74	230.00	90°21'48"	326.30	N43°47'11"W	231.46
C4	238.51	409.00	33°24'46"	235.15	N09°51'12"E	122.75
C5	407.04	573.00	40°42'04"	398.54	N46°54'35"E	212.53
C6	318.52	250.00	72°59'60"	297.41	N30°45'36"E	184.99
C7	113.61	250.00	26°02'12"	112.63	N07°16'42"E	57.80
C8	196.39	275.00	40°54'60"	192.24	N75°16'54"W	102.59
C9	178.10	287.00	35°33'20"	175.26	S48°29'22"W	92.02
C10	196.09	175.00	64°12'04"	185.99	N81°37'56"W	109.78
C11	245.24	125.00	112°24'40"	207.76	S74°15'46"W	186.76
C12	131.10	269.98	27°49'22"	129.82	N60°39'37"W	66.87
C13	256.70	250.00	58°49'55"	245.57	N67°26'14"W	140.96
C14	317.46	866.28	20°59'50"	315.69	N27°31'21"W	160.53
C15	299.74	400.00	42°56'06"	292.78	N04°26'37"E	157.30
C16	98.31	537.39	10°28'54"	98.17	N20°40'13"E	49.29
C17	144.18	409.00	20°11'51"	143.43	N82°24'58"E	72.84
C18	235.47	204.24	66°03'26"	222.64	N59°29'11"E	132.78
C19	120.16	410.00	16°47'33"	119.73	N34°51'14"E	60.52
C20	29.64	133.38	12°43'55"	29.58	N87°11'48"W	14.88
C21	46.60	166.63	16°01'21"	46.44	N88°50'30"W	23.45
C22	39.27	25.00	90°00'00"	35.36	N51°51'10"W	25.00
C23	45.33	392.37	6°37'12"	45.31	N03°32'35"W	22.69
C24	73.61	392.37	10°44'57"	73.50	N05°08'29"E	36.91
C25	71.52	392.37	10°26'39"	71.42	N15°44'17"E	35.86
C26	38.35	392.37	5°35'58"	38.33	N23°45'35"E	19.19
C27	67.16	556.38	6°54'57"	67.11	N30°01'01"E	33.62
C28	64.67	556.38	6°39'36"	64.64	N36°48'18"E	32.37
C29	63.50	556.38	6°32'22"	63.47	N46°35'02"E	31.79
C30	63.33	556.38	6°31'16"	63.29	N53°06'53"E	31.70
C31	60.51	556.38	6°13'53"	60.48	N59°29'28"E	30.29
C32	45.19	556.38	4°39'13"	45.18	N64°56'00"E	22.61
C33	43.27	266.63	9°17'56"	43.22	N62°36'38"E	21.68
C34	50.13	266.62	10°46'18"	50.05	N52°34'31"E	25.14
C35	50.35	266.63	10°49'09"	50.27	N41°46'48"E	25.25
C36	12.49	266.63	2°40'59"	12.48	N35°01'43"E	6.24
C37	25.00	25.00	57°17'19"	23.97	N62°19'54"E	13.66
C38	23.72	46.25	29°22'45"	23.46	N76°17'11"E	12.12
C39	39.54	46.25	48°58'47"	38.34	N37°06'25"E	21.07
C40	45.15	46.25	55°55'44"	43.38	N15°20'51"W	24.55
C41	5.60	46.25	6°56'19"	5.60	N46°46'53"W	2.80
C42	25.00	25.00	57°17'19"	23.97	N21°36'23"W	13.66
C43	33.23	266.63	7°08'24"	33.20	N03°28'06"E	16.63
C44	26.24	266.63	5°38'17"	26.23	N02°55'16"W	13.13
C45	159.29	258.38	35°19'25"	156.78	N72°29'07"W	82.27
C46	41.71	25.00	95°35'35"	37.04	S42°03'23"W	27.57
C47	27.30	483.05	3°14'15"	21.29	N72°57'07"W	13.65
C48	28.23	499.68	3°14'15"	28.23	N72°57'07"W	14.12
C49	23.28	258.37	5°09'41"	23.27	N57°24'15"W	11.65
C50	70.34	303.62	13°16'25"	70.18	N37°20'54"E	35.33
C51	36.37	25.00	83°21'28"	33.25	N72°23'26"E	22.26
C52	38.97	291.62	7°39'21"	38.94	S69°45'31"E	19.51
C53	48.18	291.62	9°27'54"	48.12	S78°19'09"E	24.14
C54	43.46	291.62	8°32'19"	43.42	S87°19'15"E	21.77
C55	38.46	25.00	88°08'39"	34.78	S47°31'06"E	24.20
C56	76.52	233.38	18°47'14"	76.18	S05°56'50"W	38.61
C57	88.31	233.38	21°40'50"	87.78	S26°10'53"W	44.69
C58	83.98	233.37	20°37'07"	83.53	S47°19'51"W	42.45
C59	39.18	233.37	9°37'12"	39.14	S62°26'60"W	19.64
C60	5.18	589.63	0°30'12"	5.18	S67°00'30"W	2.59
C61	54.34	589.63	5°16'51"	54.32	S64°06'59"W	27.19
C62	49.84	589.63	4°50'34"	49.82	S59°03'17"W	24.93
C63	53.94	589.63	5°14'29"	53.92	S54°00'46"W	26.99
C64	69.47	589.63	6°45'03"	69.43	S48°00'59"W	34.78
C65	38.66	25.00	88°36'31"	34.92	S88°56'43"W	24.40
C66	41.09	286.61	8°12'53"	41.06	N50°51'25"W	20.58
C67	65.03	286.61	13°00'01"	64.89	N61°27'50"W	32.66
C68	38.27	25.00	87°42'00"	34.64	N24°06'49"W	24.02
C69	111.20	108.38	58°47'25"	106.39	N47°27'08"E	61.05
C70	101.42	108.37	53°37'14"	97.76	S76°20'32"E	54.77
C71	14.05	191.62	4°12'08"	14.05	S51°37'57"E	7.03
C72	47.76	191.62	14°16'45"	47.63	S60°52'26"E	24.00
C73	52.00	191.62	15°32'54"	51.84	S75°47'16"E	26.16
C74	51.24	191.62	15°19'15"	51.09	N88°46'40"E	25.77
C75	49.67	191.62	14°51'01"	49.53	N73°41'32"E	24.97
C76	19.29	303.62	3°38'27"	19.29	N64°26'48"E	9.65
C77	53.31	303.63	10°03'35"	53.24	N57°35'47"E	26.72
C78	45.47	303.62	8°34'53"	45.43	N48°16'33"E	22.78
C79	94.21	270.38	19°57'49"	93.73	S55°22'43"W	47.59
C80	4.28	270.38	0°54'25"	4.28	S65°48'50"W	2.14
C81	23.12	158.37	8°21'57"	23.10	S70°27'00"W	11.58
C82	97.25	158.38	35°10'53"	95.73	N87°45'34"W	50.21
C83	48.28	25.00	110°39'12"	41.12	N14°51'32"W	36.14
C84	36.23	46.25	44°53'07"	35.31	N18°01'32"E	19.10
C85	34.89	46.25	43°13'06"	34.07	N26°01'35"W	18.32
C86	34.38	46.25	42°35'40"	33.60	N68°55'58"W	18.03
C87	30.39	46.25	37°39'04"	29.85	S70°56'40"W	15.77
C88	9.40	46.25	11°39'03"	9.39	S46°17'36"W	4.72
C89	39.27	25.00	89°59'60"	35.36	S85°28'06"W	25.00
C90	45.80	141.62	18°31'48"	45.60	N58°47'49"W	23.10
C91	46.52	141.62	18°49'11"	46.31	N77°28'18"W	23.47
C92	50.73	141.62	20°31'28"	50.46	S82°51'23"W	25.64
C93	49.13	141.63	19°52'38"	48.89	S62°39'19"W	24.82
C94	49.23	141.63	19°55'01"	48.98	S42°45'30"W	24.87
C189	30.88	556.38	3°10'47"	30.87	N41°43'29"E	15.44
C190	37.00	250.00	8°28'53"	36.97	N42°15'43"W	18.54
C191	29.79	233.38	7°18'45"	29.77	S50°09'32"E	14.91
C192	1.35	233.38	0°19'56"	1.35	S53°58'52"E	0.68
C193	221.31	250.00	50°43'11"	214.15	S71°51'40"E	118.49

NUMBER	ARC	RADIUS	DELTA	CHORD	CHORD BEARING	TANGENT
C95	36.44	141.63	14°44'33"	36.34	S25°25'42"W	18.32
C96	38.12	25.00	87°22'19"	34.54	S61°44'35"W	23.88
C97	6.07	253.36	1°22'23"	6.07	S73°53'38"E	3.04
C98	95.78	253.36	21°39'40"	95.21	S62°22'04"E	48.47
C99	21.18	253.36	4°47'20"	21.17	S49°08'40"E	10.59
C100	38.61	25.00	88°28'50"	34.88	S02°30'34"E	24.35
C101	76.28	426.63	10°14'38"	76.17	S36°36'32"W	38.24
C102	37.45	426.62	5°01'47"	37.44	S28°58'21"W	18.74
C103	42.26	25.00	96°51'34"	37.41	S74°53'13"W	28.19
C104	23.67	25.00	54°15'00"	22.80	N29°33'24"W	12.81
C105	23.35	46.25	28°55'19"	23.10	N16°53'29"W	11.93
C106	51.19	46.25	63°24'36"	48.61	N63°03'26"W	28.57
C107	39.13	46.25	48°28'14"	37.97	S61°00'09"W	20.82
C108	47.23	46.25	58°30'40"	45.21	S07°30'42"W	25.91
C109	56.27	46.25	69°42'27"	52.86	S56°35'52"E	32.21
C110	15.73	46.25	19°29'04"	15.65	N78°48'22"E	7.94
C111	23.67	25.00	54°15'00"	22.80	S83°48'35"E	12.81
C112	44.87	25.00	102°49'42"	39.08	S05°16'09"E	31.33
C113	124.76	187.61	38°06'07"	122.48	S65°11'46"W	64.79
C114	27.07	187.61	8°16'04"	27.05	S88°22'51"W	13.56
C115	37.06	425.62	4°59'21"	37.05	N89°58'47"W	18.54
C116	58.70	425.62	7°54'06"	58.65	S83°34'30"W	29.40
C117	54.28	425.63	7°18'24"	54.24	S75°58'15"W	27.18
C118	39.56	25.00	90°39'30"	35.56	N62°21'12"W	25.29
C119	24.55	383.37	3°40'06"	24.54	N15°11'23"W	12.28
C120	80.81	383.37	12°04'38"	80.66	N07°19'01"W	40.56
C121	83.60	383.37	12°29'38"	83.43	N04°58'07"E	41.97
C122	75.70	383.37	11°18'48"	75.58	N16°52'20"E	37.92
C123	22.63	383.37	3°22'56"	22.63	N24°13'12"E	11.32
C124	44.03	554.02	4°33'11"	44.01	N23°38'04"E	22.02
C125	57.33	554.02	5°55'43"	57.30	N18°23'37"E	28.69
C126	39.27	25.00	89°59'58"	35.36	N60°25'45"E	25.00
C127	29.17	516.30	3°14'15"	29.17	S72°57'07"E	14.59
C128	39.27	25.00	90°00'01"	35.36	S29°34'14"E	25.00
C129	95.27	520.77	10°28'54"	95.14	S20°40'12"W	47.77
C130	7.17	416.62	0°59'12"	7.17	S25°25'14"W	3.59
C131	6.68	416.63	0°55'08"	6.68	S24°27'54"W	3.34
C132	31.30	25.00	71°44'08"	29.30	S59°52'24"W	18.08
C133	34.77	46.25	43°04'49"	33.96	S74°12'04"W	18.26
C134	34.94	46.25	43°16'59"	34.11	S31°01'10"W	18.35
C135	60.90	46.25	75°26'30"	56.59	S28°20'35"E	35.77
C136	1.35	25.00	3°05'15"	1.35	S64°31'12"E	0.67
C137	29.95	25.00	68°38'55"	28.19	S28°39'07"E	17.07
C138	39.31	416.62	5°24'22"	39.30	S02°58'09"W	19.67
C139	65.37	416.62	8°59'24"	65.30	S04°13'45"E	32.75
C140	60.35	416.62	8°17'59"	60.30	S12°52'26"E	30.23
C141	64.65	882.90	4°11'43"	64.63	S19°07'17"E	32.34
C142	63.22	882.90	4°06'11"	63.21	S23°16'14"E	31.63
C143	63.18	882.90	4°06'00"	63.17	S27°22'20"E	31.60
C144	63.17	882.90	4°05'57"	63.15	S31°28'18"E	31.60
C145	63.23	882.90	4°06'12"	63.22	S35°34'23"E	31.63
C146	6.11	882.90	0°23'47"	6.11	S37°49'21"E	3.05
C147	39.47	266.63	8°28'53"	39.43	S42°15'42"E	19.77
C148	33.99	25.00	77°54'11"	31.43	S07°33'04"E	20.21
C149	77.80	233.37	19°06'04"	77.44	N87°18'09"W	39.27
C150	38.71	25.00	88°42'23"	34.95	N33°23'56"W	24.44
C151	34.20	46.25	42°22'10"	33.43	N10°11'21"W	17.93
C152	36.94	46.25	45°45'49"	35.97	N54°15'21"W	19.52
C153	33.03	46.25	40°55'28"	32.34	S82°24'00"W	17.26
C154	7.63	46.25	9°27'23"	7.62	S57°12'35"W	3.83
C155	40.03	25.00	91°44'13"	35.89	N81°40'34"W	25.77
C156	93.01	849.65	6°16'18"	92.96	N32°40'17"W	46.55
C157	71.44	849.65	4°49'03"	71.42	N27°07'37"W	35.74
C158	60.67	849.65	4°05'28"	60.66	N22°40'22"W	30.35
C159	40.55	25.00	92°56'41"	36.25	N25°50'43"E	26.32
C160	53.87	392.37	7°51'57"	53.82	N76°15'02"E	26.98
C161	84.45	392.37	12°19'54"	84.29	N86°20'57"E	42.39
C162	33.78	220.86	8°45'49"	33.75	N88°07'60"E	16.92
C163	23.99	25.00	54°58'46"	23.08	S68°45'33"E	13.01
C164	15.06	46.25	18°39'10"	14.99	S50°35'46"E	7.60
C165	68.03	46.25	84°16'55"	62.06	N77°56'13"E	41.85
C166	31.32	46.25	38°48'15"	30.73	N16°23'38"E	16.29
C167	23.99	25.00	54°58'45"	23.08	N24°28'54"E	13.01
C168	60.60	220.86	15°43'17"	60.41	N44°06'38"E	30.49
C169	37.75	220.86	9°47'33"	37.70	N31°21'13"E	18.92
C170	29.31	393.38	4°16'10"	29.31	N28°35'33"E	14.66
C171	73.19	393.38	10°39'38"	73.09	N36°03'26"E	36.70
C172	40.08	25.00	91°51'45"	35.93	N87°19'07"E	25.83
C173	36.49	25.00	83°37'04"	33.33	S04°56'31"E	22.36
C174	33.67	589.63	3°16'20"	33.67	S35°13'52"W	16.84
C175	53.85	589.63	5°13'57"	53.83	S30°58'44"W	26.94
C176	18.56	589.63	1°48'13"	18.56	S27°27'39"W	9.28
C177	5.38	425.62	0°43'28"	5.38	S26°11'49"W	2.69
C178	51.98	425.62	6°59'50"	51.95	S22°20'11"W	26.02
C179	52.08	425.62	7°00'38"	52.05	S15°19'57"W	26.07
C180	52.08	425.62	7°00'38"	52.05	S08°19'19"W	26.07
C181	51.84	425.62	6°58'43"	51.81	S01°19'39"W	25.95
C182	34.85	425.62	4°41'28"	34.84	S04°30'27"E	17.43
C183	39.27	25.00	90°00'01"	35.36	S38°08'49"W	25.00
C184	39.27	25.00	90°00'01"	35.36	S60°25'45"W	25.00
C185	39.27	25.00	90°00'01"	35.36	N29°34'15"W	25.00
C186	69.30	270.38	14°41'07"	69.11	S38°03'15"W	34.84
C187	37.39	25.00	85°41'11"	34.00	S11°58'49"E	23.19
C188	205.09	233.37	50°21'02"	198.55	N71°40'40"W	109.69
C194	96.87	400.00	13°52'31"	96.63	N18°58'25"E	48.67
C195	170.61	573.00	17°03'35"	169.98	N61°10'24"W	85.94
C196	124.71	573.00	12°28'11"	124.46	S75°56'17"E	62.60

JOB NO. 71262

SHEET 6 OF 6 SHEETS

GRADING MAP KEY



TYPICAL LOT GRADING PATTERN
ALL FRONT DRAINAGE

* FOR STREET SLOPES <= 1.5% (55' Lot) or <= 1.2% (65' Lot) INCREASE LOT ELEVATIONS 0.5'

TYPICAL LOT GRADING PATTERN
SPLIT DRAINED LOT

REAR YARD PRIVATE DRAINAGE
RUNDOWN DETAIL

TEMPORARY EROSION CONTROL BERM
(TO BE PLACED ACROSS EACH LOT AT STREET SIDES)

LEGEND

- PROJECT BOUNDARY
- EXISTING CONTOUR
- PROPOSED CONTOUR
- 5876.80 PROPOSED SPOT ELEVATION
- P=5885 PAD ELEVATION
- DIRECTION OF FLOW
- RETAINING WALL
- BASIN BOUNDARY
- SUB-BASIN BOUNDARY
- Q BASIN DISCHARGE
- Q_s COLLECTED FLOW IN STREET
- Q_p PIPE FLOW
- EXISTING STORM DRAIN LINE
- PRIVATE DRAINAGE RUNDOWN
- △ CHANGE IN STREET SLOPE
- TP TOP OF PAVEMENT ELEVATION
- 18" x 88' BONANITE SECTION

RECORD DRAWINGS
DATE JAN 7 1988

FOR INFORMATION ONLY

BHI JOB Nº 71265
SCALE: 1" = 50'

NOTE

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM CITY ENVIRONMENTAL HEALTH DEPARTMENT.

EARTHWORK SPECIFICATIONS

GENERAL

The Soils Engineer shall be the Owner's representative to control the earthwork placement, moisture content, and compaction. The Soils Engineer shall approve the materials, the method of placing and compaction, and shall give written approval of the completed fill.

CLEARING AREA TO BE FILLED

All timber, logs, trees, brush, stumps, trash, sod, matted roots and roots larger than two (2) inches in diameter shall be removed, piled, or otherwise disposed of. All rocks, cobbles and boulders larger than six (6) inches in diameter shall be removed or otherwise disposed of at the direction of the Soils Engineer.

SCARIFYING AREA TO BE FILLED

The surface shall be plowed or scarified to a depth of at least six (6) inches, and smoothed until the surface is free from ruts, hummocks, and other uneven features, which would tend to prevent uniform compaction from the equipment to be used.

Where fill is to be placed on hillsides or slopes, the slope of the original ground upon which the fill is to be placed shall be plowed, or scarified deeply. Where the slope ratio of the ground is steeper than 3:1, the bank shall be stepped or benched.

Strippings may be placed along rear lot lines and in rear areas where no foundation or slabs will be constructed. All strippings shall be free of logs, trees, timber, trash and rocks greater than six (6) inches. Strippings will be placed subsequent to the placement of all structurally controlled fill, and to a depth no greater than six (6) inches, except in designated areas.

PREPARATION OF AREA TO BE FILLED

After the foundation for the fill has been cleared, any frozen material removed, and it has been plowed or scarified, it shall be disced or bladed until it is uniform and free from large clods, brought to optimum moisture content (+/- 2%), for a minimum of five (5) feet, or for as deep as practicable as determined by the Soils Engineer, and compacted with a minimum of twenty (20) passes using a minimum 20 ton vibratory compactor to a minimum of 95% of maximum density as determined by ASTM D-1557.

TREATMENT OF CUT SECTIONS

Subsequent to the final grading in cut sections, the ground surface shall be plowed or scarified, and brought to optimum moisture content (+/- 2%), for a minimum of five (5) feet, or for as deep as practicable as determined by the Soils Engineer. The ground surface shall then be compacted with a minimum of twenty (20) passes using a minimum 20 ton vibratory compactor to a minimum of 95% of maximum density as determined by ASTM D-1557.

FILL MATERIAL

Materials for the fill shall consist of material selected or approved by the Soils Engineer. The materials used shall be free of vegetable matter, frozen materials and other deleterious substances and shall not contain rocks or lumps which have a diameter of more than six (6) inches and shall have a liquid limit not greater than thirty (30) and a plasticity index not greater than twelve (12). It is anticipated that a borrow from the site will be satisfactory.

DEPTH AND MIXING OF FILL LAYERS

The selected fill material shall be placed in layers which, when compacted shall not exceed six (6) inches. Each layer shall be spread evenly and shall be thoroughly mixed during the spreading to insure uniformity of material in each layer.

ROCK

When the fill material includes rock, no large rock shall be allowed to nest and all voids must be carefully filled with small stones or earth, properly compacted. No larger clods (maximum size six (6) inches) will be permitted closer than twelve (12) inches below the finished grade.

MOISTURE CONTENT

The fill material shall be compacted at the optimum moisture content (+/- 2%) specified for soils. Sufficient laboratory moisture density relationship tests will be made to determine the optimum moisture content for the various soils encountered in the borrow area. The Contractor may be required to add the necessary moisture to the fill material in the borrow area if, in the opinion of the Soils Engineer, it is not possible to obtain uniform moisture content by adding water to the fill suface.

CONTINUED ON SHEET 2 OF 4

APPROVED FOR ROUGH GRADING !!'

Carlos A. Montoya 5-27-87
HYDROLOGY ENGINEER DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE DESERT CLASSIC AT TANOAN - PHASE I
DRAINAGE/GRADING PLAN
NORTH HALF

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N/A	6-24-87
A C E - Design		6-24-87	Traffic	N/A	6/24/87
A C E - Hydrology		6-24-87	Water	N/A	6-24-87

DRAWING NO. 2479 | MAP NO. E-22 | SHEET 1 OF 4

8A 29

AS-BUILT INFORMATION

CONTRACTOR	J.R. HALE	
WORK STAKED BY	BHI	DATE 9/87
INSPECTOR'S ACCEPTANCE BY	BHI	DATE 1/88
FIELD VERIFICATION BY	BHI	DATE 1/88
DRAWINGS CORRECTED BY	BHI	DATE 1/88

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

THE BENCH MARK IS LOCATED 12 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 1.5492" ELEVATION 5934.53'

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

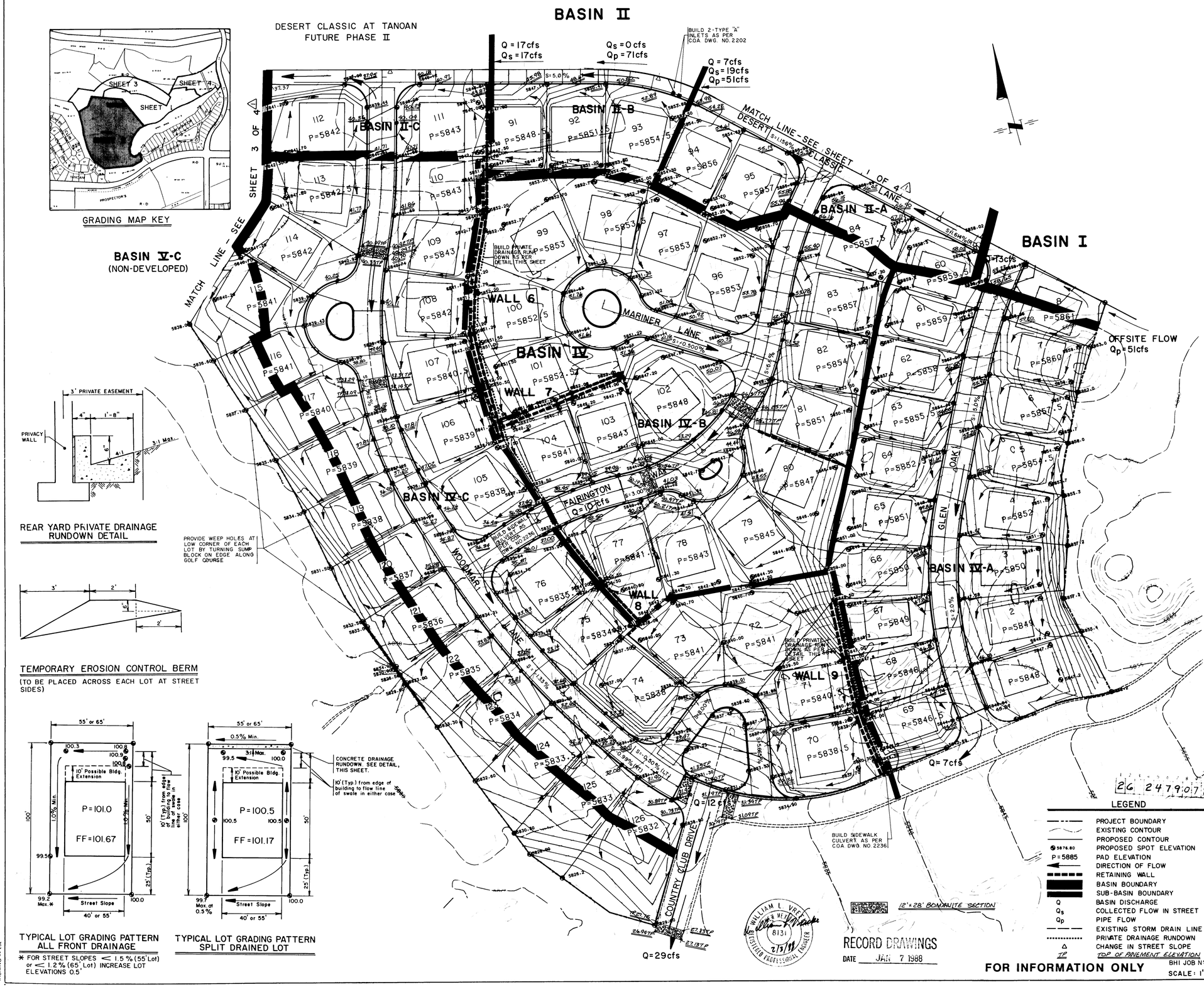
ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	6/1/87	ADDED SHEETS 3 AND 4	

REVISIONS

		DATE
DESIGNED BY	MLJ/KLD	4/87
DRAWN BY	TG/SAH	4/87
CHECKED BY	KLD	4/87

BRUNING 44-232



EARTHWORK SPECIFICATIONS

AMOUNT OF COMPACTION

After each layer has been placed, mixed and spread evenly, it shall be thoroughly compacted to not less than 90% of maximum density as determined by ASTM D-1557, in all non-load bearing areas less than 2 feet in total depth and common fill areas within 15 feet of the rear property lines. All other lot areas, including slab or foundation and surrounding areas, within the top 6 inches of street subgrades, and where the depth of fill exceeds 2 feet in non-load bearing areas, the amount of compaction shall be 95%.

COMPACTION OF FILL LAYERS

Compaction shall be by vibratory compactor, sheepsfoot rollers, segmented - steel - wheeled rollers, multiple - wheel pneumatic - tired rollers, or other types of suitable compaction equipment. Compaction equipment shall be of such design that it will be able to compact the fill to the specified density. Compaction shall be accomplished while the fill material is at the specified moisture content. Compaction of each layer shall be continuous over its entire area and the compaction equipment shall be sufficient trips to insure that the required density has been obtained.

COMPACTION OF SLOPES

Fill slopes shall be compacted by means of sheepfoot or vibratory rollers or other suitable equipment. Compacting operations shall be continued until the slopes are stable, but not too dense for planting and until there is not appreciable amount of loose soil on the slopes. Compacting of the slopes may be done progressively in increments of three to five feet (3) to 5') in fill height, or after the fill is brought to its total height if approved by the Soils Engineer.

DENSITY TESTS

Field density tests shall be made by the Soils Engineer on each layer of fill. The frequency of testing will be determined by the Soils Engineer in the field depending on the conditions encountered. Where sheepfoot rollers are used, the soils may be disturbed to a depth of several inches. Density tests shall be performed by ASTM-D1556 with 4 or 6 inch sand cone, ASTM Method D-2167 (water balloon) or approved Nuclear Density Devices and Methods.

FINISHED SLOPES AND BUILDING PADS

The fill operation shall be continued in six (6) inch compacted layers as specified above, until the fill has been brought to the finished slopes and evaluations shown on the accepted plans. Slopes steeper than 3:1 should be protected from erosion.

SUPERVISION

Supervision by the Soils Engineer shall be continuous during the fill and compacting operations so that he can certify that the fill was made in accordance with accepted specifications.

SEASONAL LIMITS

No fill material shall be placed upon frozen subgrade nor placed, spread, or rolled while it is frozen or thawing or during unfavorable weather conditions. When the work is interrupted by heavy rain, snow, or frost penetration, fill operations shall not be resumed until the previously placed fill is as specified.

NOTICE REGARDING START OF GRADING

Notification shall be submitted to the Owner, the Soils Engineer, and FHA advising them of the start of grading operations at least three (3) days in advance of the starting date, and of any resumption dates when grading operations have been stopped for any reason other than adverse weather conditions.

REPORT OF FIELD DENSITY TESTS

Density tests made by the Soils Engineer as specified in Density Tests above shall be submitted to the Owner and the Federal Housing Administration.

CERTIFICATION REGARDING COMPLETED FILL

The Soils Engineer shall certify that the site was filled with accepted material in accordance with the accepted specifications and give a professional opinion regarding shrinkage or settlement of the fill and the safe load bearing capacity of the fill.

CERTIFICATION REGARDING COMPLETED GRADE ELEVATIONS

A Registered Civil Engineer or Land Surveyor shall certify that the general grading has been completed and the resulting grade elevations are in substantial conformity (grade variations not exceeding 0.5 foot) with the previously accepted detailed development plan.

STREET FINE GRADING AND COMPACTION PRIOR TO PAVING

Prior to the paving operation of the indicated project, and after all underground utilities within the street right-of-way have been installed, the earthwork Contractor, or pavement contractor, shall scarify, regrade, and recompact the street subgrade to its final fine grading elevations and specified density.

APPROVED FOR ROUGH GRADING t1'

HYDROLOGY ENGINEER — DATE 5-27-87

NO.	DATE	REMARKS
1	6/1/87	ADDED SHEETS 3 AND 4

REVISIONS

		BY	DATE
DESIGNED BY	MLJ/KLD		4/87
DRAWN BY	SAH/TG		4/87
CHECKED BY	KLD		4/87

AS-BUILT INFORMATION

		DATE
CONTRACTOR	J.R. HALE	
STAKED BY	BHI	9/87
INSPECTOR'S FIELD ACCEPTANCE BY	BHI	1/88
VERIFICATION BY	BHI	1/88
CORRECTED BY	BHI	1/88

MICRO-FILM INFORMATION

	DATE
RECORDED BY	
NO.	

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972"

ELEVATION 5934.53'

SURVEY INFORMATION

NO.	BY	DATE

FIELD NOTES

ENGINEER'S SEAL

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
DRAINAGE/GRADING PLAN
SOUTH HALF

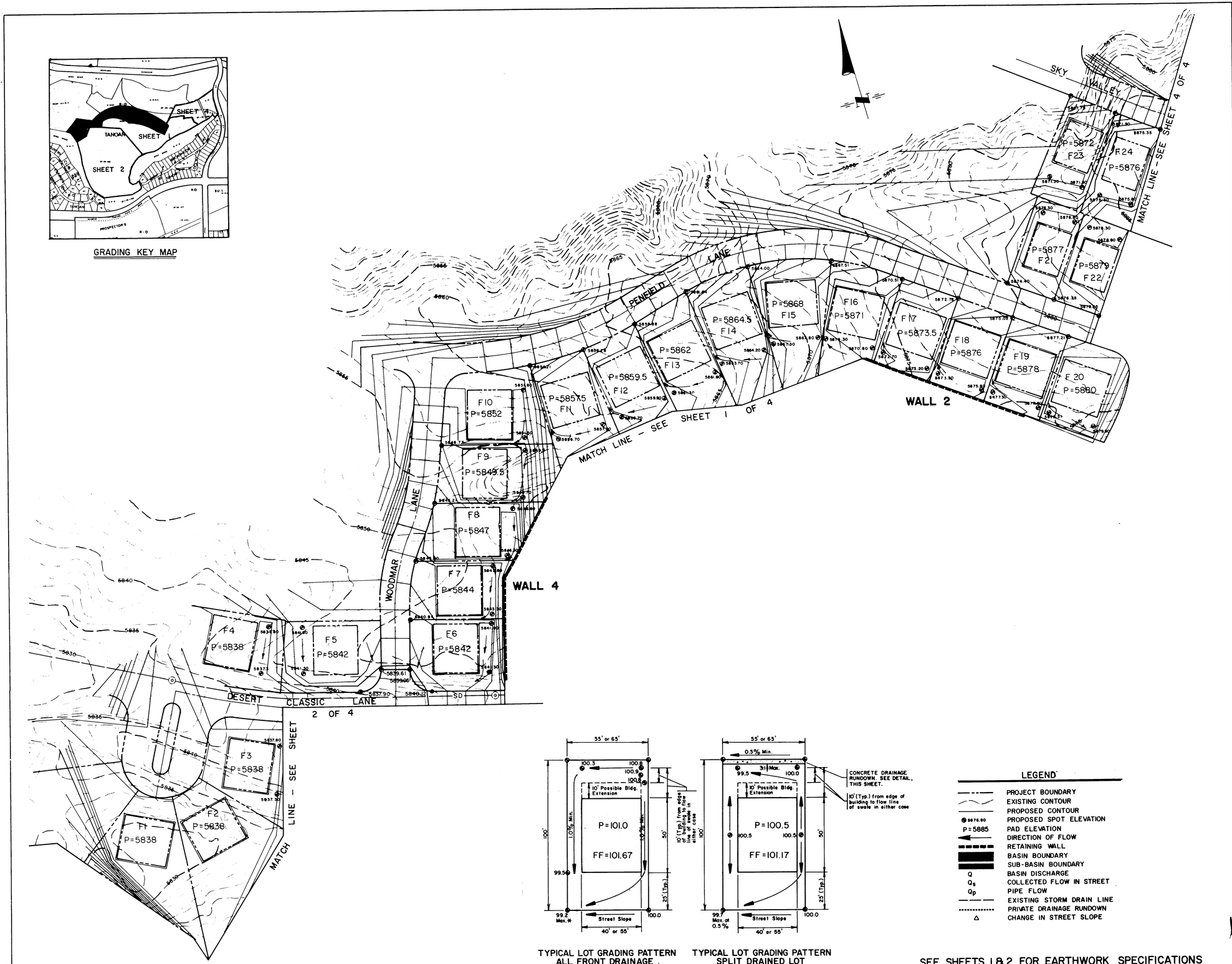
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	N/A	6-24-87
A.C.E.-Design		6-24-87	Traffic	N/A	6-24-87
A.C.E.-Hydrology		6-24-87	Water	N/A	6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	2	4

8B 29

IRUNING 44-232

GRADING KEY MAP



TYPICAL LOT GRADING PATTERN
ALL FRONT DRAINAGE

* FOR STREET SLOPES < 1.5% (55' Lot) or < 1.2% (65' Lot) INCREASE LOT ELEVATIONS 0.5'

TYPICAL LOT GRADING PATTERN
SPLIT DRAINED LOT

LEGEND

	PROJECT BOUNDARY
	EXISTING CONTOUR
	PROPOSED CONTOUR
5876.80	PROPOSED SPOT ELEVATION
P=5885	PAD ELEVATION
	DIRECTION OF FLOW
	RETAINING WALL
	BASIN BOUNDARY
	SUB-BASIN BOUNDARY
Q	BASIN DISCHARGE
Q_s	COLLECTED FLOW IN STREET
Q_p	PIPE FLOW
	EXISTING STORM DRAIN LINE
	PRIVATE DRAINAGE RUNDOWN
△	CHANGE IN STREET SLOPE

SEE SHEETS 1 & 2 FOR EARTHWORK SPECIFICATIONS

FOR INFORMATION ONLY

BHI JOB Nº 72420
SCALE: 1" = 50'

BRUNING® 44-232

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE. THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "G-E22 1.94972" ELEVATION $934.63'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

26 24790888

APPROVED FOR ROUGH GRADING ±1'

HYDROLOGY ENGINEER — DATE 6-24-87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
DRAINAGE/GRADING PLAN
PERIMETER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/6/87	Liquid Waste	N/A	6-24-87
A.C.E.-Design		6-23-87	Traffic	N/A	6-24-87
A.C.E.-Hydrology	CAM	6-24-87	Water	N/A	6-24-87

DRAWING NO. 2479 — MAP NO. E-22 — SHEET 3 OF 4

8C 29

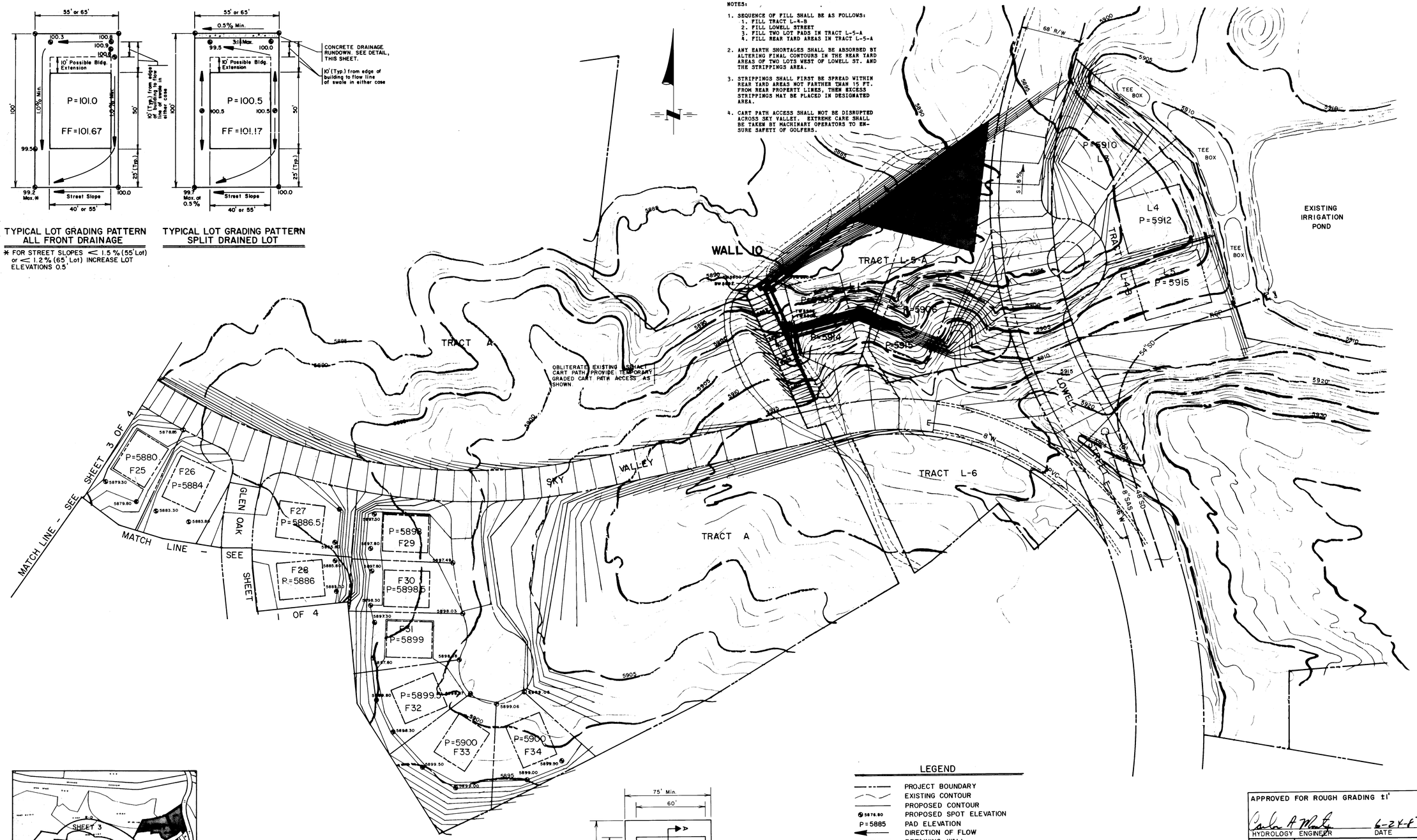
TYPICAL LOT GRADING PATTERN
ALL FRONT DRAINAGE

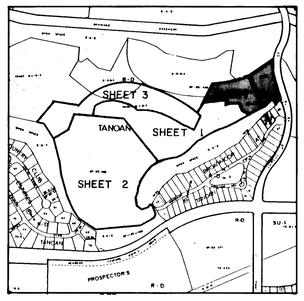
* FOR STREET SLOPES < 1.5% (55' Lot) or < 1.2% (65' Lot) INCREASE LOT ELEVATIONS 0.5'

TYPICAL LOT GRADING PATTERN
SPLIT DRAINED LOT

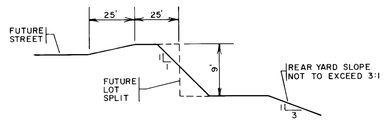
NOTES:

1. SEQUENCE OF FILL SHALL BE AS FOLLOWS:
   1. FILL TRACT L-4-B
   2. FILL LOWELL STREET
   3. FILL TWO LOT PADS IN TRACT L-5-A
   4. FILL REAR YARD AREAS IN TRACT L-5-A
2. ANY EARTH SHORTAGES SHALL BE ABSORBED BY ALTERING FINAL CONTOURS IN THE REAR YARD AREAS OF TWO LOTS WEST OF LOWELL ST. AND THE STRIPPINGS AREA.
3. STRIPPINGS SHALL FIRST BE SPREAD WITHIN REAR YARD AREAS NOT FARTHER THAN 15 FT. FROM REAR PROPERTY LINES, THEN EXCESS STRIPPINGS MAY BE PLACED IN DESIGNATED AREA.
4. CART PATH ACCESS SHALL NOT BE DISRUPTED ACROSS SKY VALLEY. EXTREME CARE SHALL BE TAKEN BY MACHINARY OPERATORS TO ENSURE SAFETY OF GOLFERS.

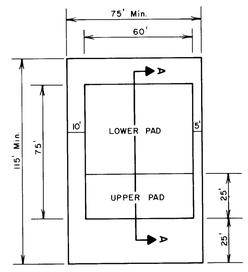




GRADING KEY MAP



SECTION A-A



TYPICAL LOT GRADING PATTERN
TRACTS L-4 & L-5

LEGEND

	PROJECT BOUNDARY
	EXISTING CONTOUR
	PROPOSED CONTOUR
5876.80	PROPOSED SPOT ELEVATION
P=5885	PAD ELEVATION
	DIRECTION OF FLOW
	RETAINING WALL
	BASIN BOUNDARY
	SUB-BASIN BOUNDARY
Q	BASIN DISCHARGE
Q_s	COLLECTED FLOW IN STREET
Q_p	PIPE FLOW
	EXISTING STORM DRAIN LINE
	PRIVATE DRAINAGE RUNDOWN
Δ	CHANGE IN STREET SLOPE

SEE SHEETS 1 & 2 FOR EARTHWORK SPECIFICATIONS

FOR INFORMATION ONLY

BHI JOB Nº 72420
SCALE: 1" = 50'

1 2 3 4 5 6 7 8 9 10 11 12
2 6 2 4 7 9 0 9 8 8

AS-BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 L54972" ELEVATION 5934.53'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REMARKS

REVISIONS

NO.	DATE	BY

DESIGN

DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

APPROVED FOR ROUGH GRADING ±1'

HYDROLOGY ENGINEER — DATE 6-24-87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
DRAINAGE/GRADING PLAN
PERIMETER & EXCESS DEPOSITION

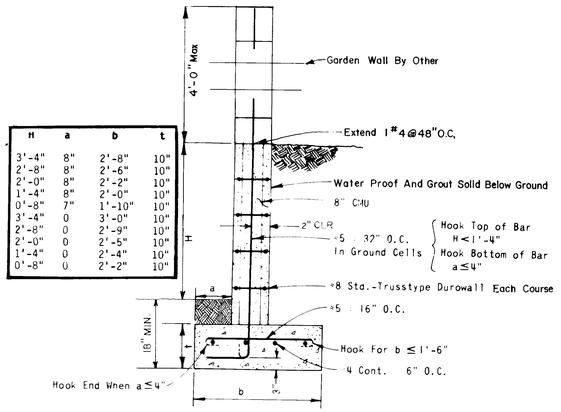
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/6/87	Liquid Waste	N/A	6-24-87
A C E - Design		6-29-87	Traffic	N/A	6/24/87
A C E - Hydrology	CAM	6-24-87	Water	N/A	6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	4	4

8D 29

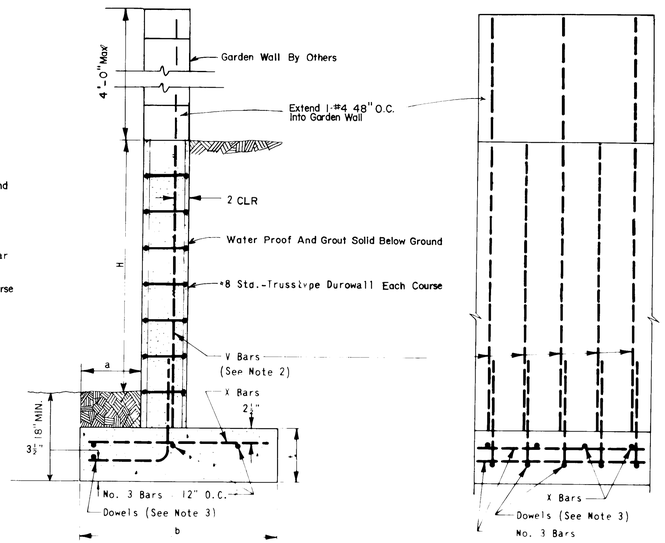
BRUNING 44-232

F.H.W.A. Region No.			SHEET NO.	TOTAL SHEETS
6	NEW MEXICO			



H	a	b	t
3'-4"	8"	2'-8"	10"
2'-8"	8"	2'-6"	10"
2'-0"	8"	2'-2"	10"
1'-4"	8"	2'-0"	10"
0'-8"	7"	1'-10"	10"
3'-4"	0	3'-0"	10"
2'-8"	0	2'-9"	10"
2'-0"	0	2'-5"	10"
1'-4"	0	2'-4"	10"
0'-8"	0	2'-2"	10"

WALL I
REINFORCED CONCRETE MASONRY WALL
0 to 3'-4"

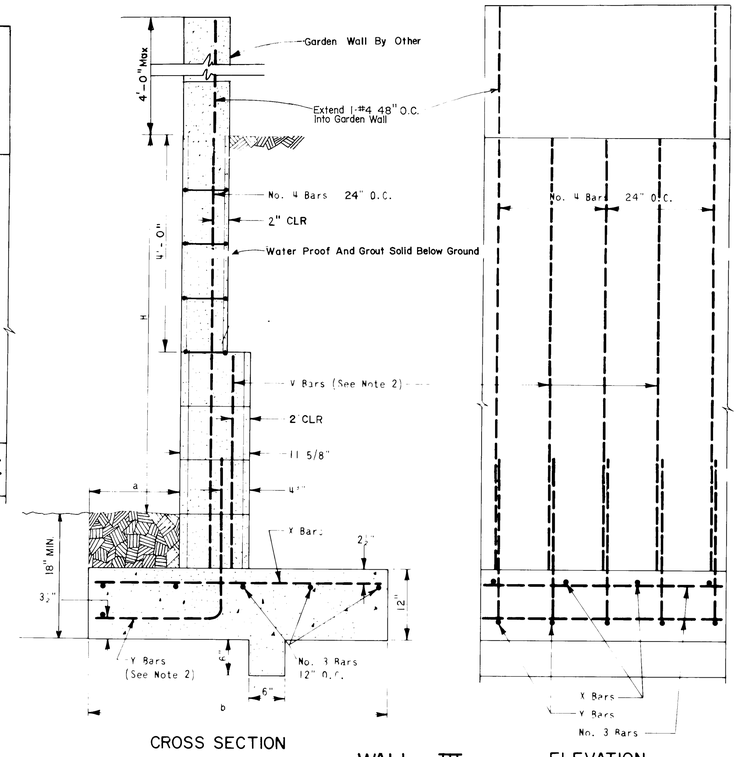


CROSS SECTION

ELEVATION

H ft.-in.	a in.	b ft.-in.	t in.	V Bars (See Note 2)	X Bars
3'-4"	8"	2'-8"	10"	No. 4 @ 32"	No. 4 @ 27"
4'-0"	10"	2'-11"	10"	No. 5 @ 32"	No. 4 @ 27"
4'-8"	12"	3'-3"	10"	No. 5 @ 32"	No. 4 @ 27"
5'-4"	14"	3'-8"	10"	No. 5 @ 24"	No. 4 @ 30"
6'-0"	15"	4'-2"	12"	No. 5 @ 16"	No. 4 @ 25"

WALL II
REINFORCED CONCRETE MASONRY WALLS
3'-4" to 6'-0"



CROSS SECTION

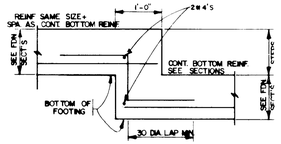
ELEVATION

WALL III
REINFORCED CONCRETE MASONRY - 8" & 12" WALLS

H	a	b	V & Y Bars	X Bars
6'-7'	15"	4'-4"	#4 @ 24"	#4 @ 18"
8'	20"	5'-6"	#5 @ 18"	#5 @ 12"

GENERAL NOTES

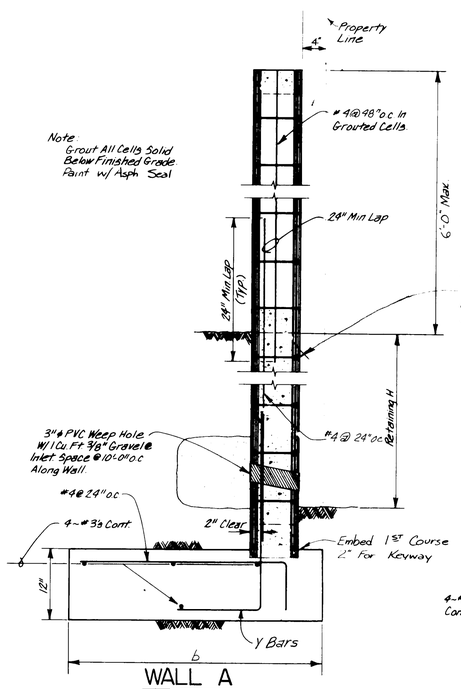
1. Retaining wall footings shall be placed on a minimum of 2'-0" of engineered fill extending a minimum of 2'-0" from the edge of the footing and compacted to a minimum of 95% optimum density (ASTM D-1557). Backfill shall be free draining material and shall be placed in 8" loose lifts and compacted to 90% optimum density (ASTM D-1557) with light vibratory compacting equipment.
2. Retaining wall shall not be back-filled until at least 7 days after placing of final grout level. Where heavy equipment is used in back-filling walls designed to resist earth pressure only, such equipment should not approach closer to the top of the wall than a distance equal to the height of the wall. Care should be taken to avoid exerting large impact forces on the wall as could be caused by a large mass of moving earth. All walls are designed for level backfill only. Slopes up away from walls should not exceed 10:1.
3. Vertical control joints with PVC inserts shall be placed at intervals not to exceed 30'-0" on center. Pilasters may be substituted for control joints when placed at 12'-0" intervals. Discontinue durowall each side of pilasters.
4. Minimum lap splice on reinforcing bars shall be 30 bar diameters or 1'-6" minimum. Reinforcement of a size and spacing other than that given in the tables may be used providing such other reinforcement furnishes an area of steel area at last equal to that given in the table.
5. Construction of retaining walls shall conform to requirements of the Uniform Building Code Section 24, lowlift grouting method.
6. Omission of a vertical mortar joint on first course at 48" O.C. may be substituted for PVC weep holes. Write slump block with a minimum compressive strength of 1500 psi may be substituted for standard CMU Grade N.
7. DESIGN DATA
   Block Weight 12" = 130 psf.
   Block Weight 8" = 85 psf.
   Soil Weight = 130 pcf.
   Equiv. Fluid Pressure. = 43 pcs.
   Soil Bearing Pressure = 1500 psf.
   (1/3 Increase for Wind/Seismic)
   Coefficient of Friction = 0.4
   Passive Soil Pressure = 390 pcf.
   Concrete f'c (28 days) = 3000 psi
   Grout Strength = 2000 psi
   CMU Grade N = 1500 psi (Grouted)
   Reinforcement = 60 psi ASTM A-615.



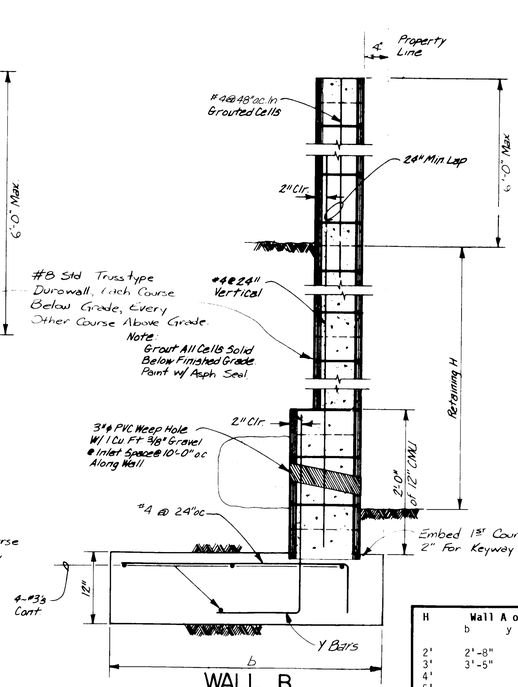
TYPICAL STEPPED FOOTING DETAIL

COPYRIGHT © 1986, BOHANNAN-HUSTON, INC These documents are instruments of service and remain the property of the Engineer. No use or reuse of the documents shall be permitted unless authorized in writing by Bohannan-Huston, Inc. with proper compensation.

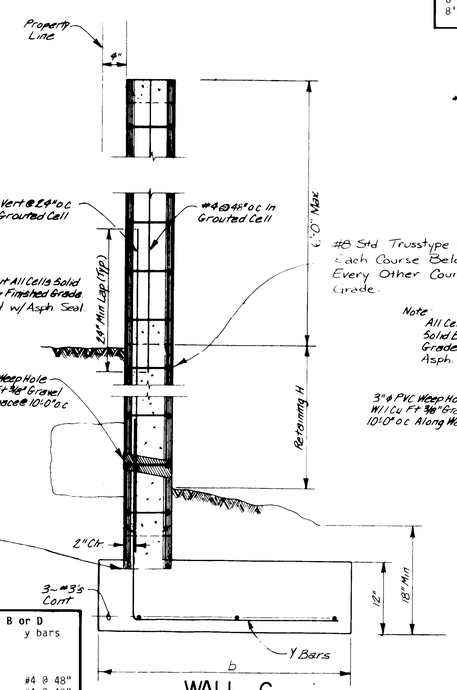
THIS SHEET FOR INFORMATION ONLY. A SEPARATE BUILDING PERMIT IS REQUIRED FOR RETAINING WALL CONSTRUCTION.



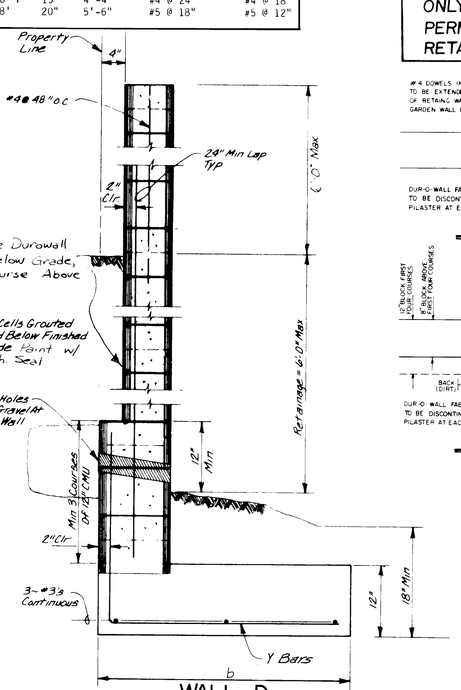
WALL A



WALL B

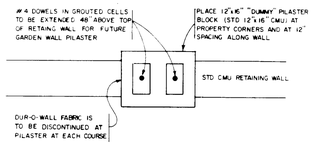


WALL C

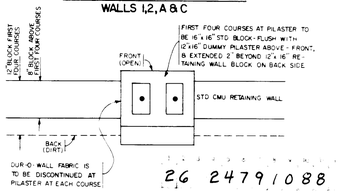


WALL D

H	Wall A or C b	Wall A or C y bars	Wall B or D b	Wall B or D y bars
2'	2'-8"	-		
3'	3'-5"	-		
4'			4'-0"	#4 @ 48"
5'			4'-9"	#4 @ 48"
6'			5'-9"	#4 @ 24"



PILASTER DETAIL
WALLS 1,2, A & C



PILASTER DETAIL
WALLS 3, B & D

2G 2479 1088

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTORS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO | BY | DATE

ENGINEER'S SEAL

NO	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

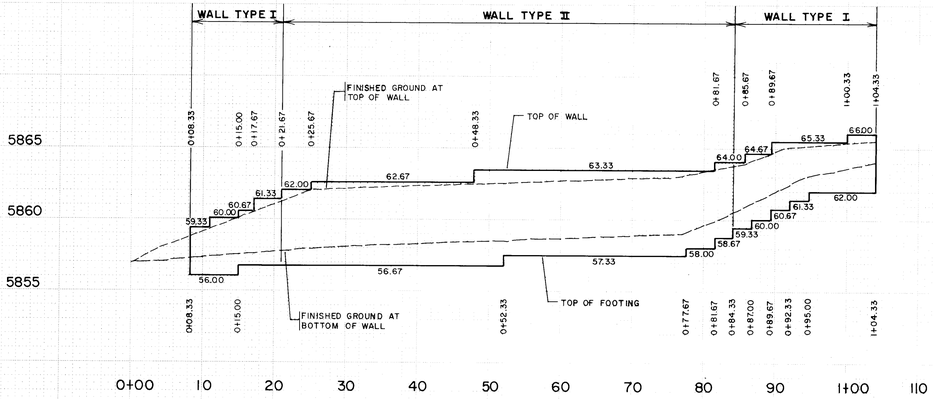
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE DESERT CLASSIC AT TANOAN - PHASE I
RETAINING WALL DETAILS

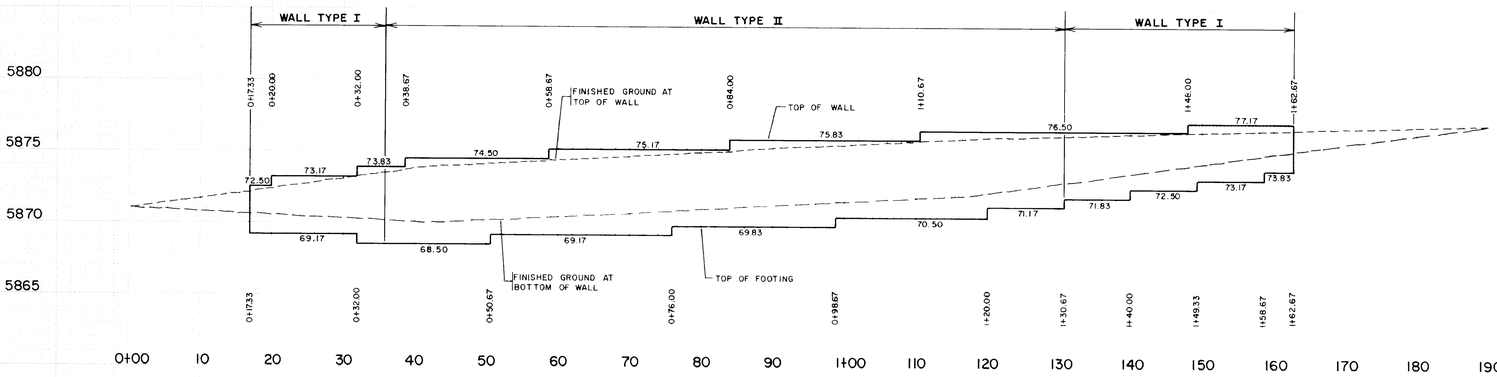
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chairperson			Parks & Rec. Dept.		
Trans. Dev.	NA		User Dept.	NADWH	6/24/87
Utility Dev.	NA	6-24-87	User Dept.	VA CAA	6-24-87

DRAWING NO.	MAP NO	SHEET	OF
2479	E-22	9A	29

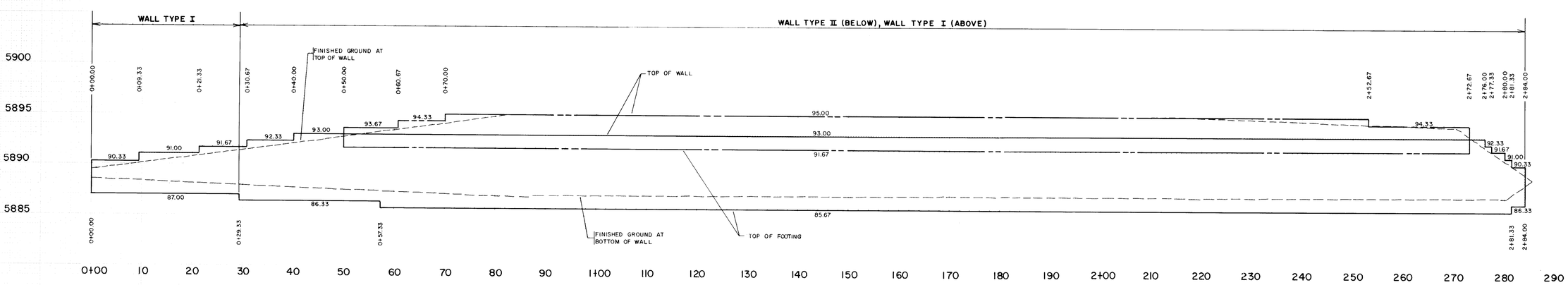
BRUNING 44 132 63374



WALL 1



WALL 2



WALL 3

FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS AREAS CHECKED		

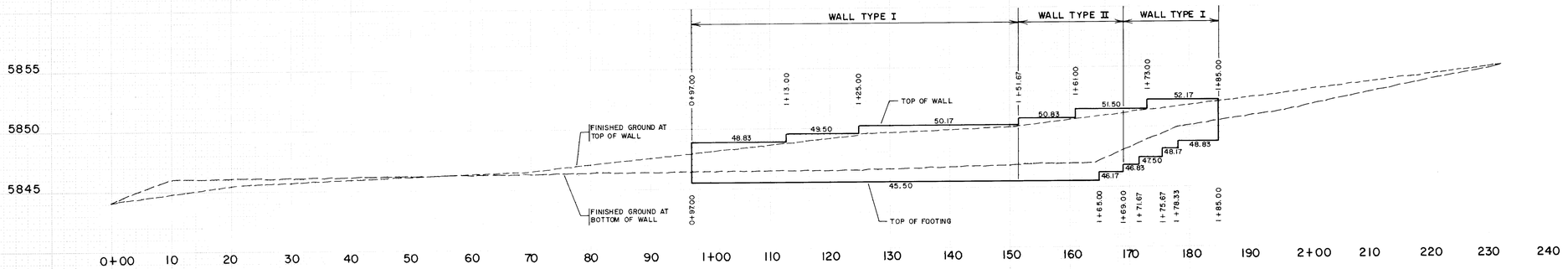
26 2479 1 1 8 8

BHI JOB Nº 71263

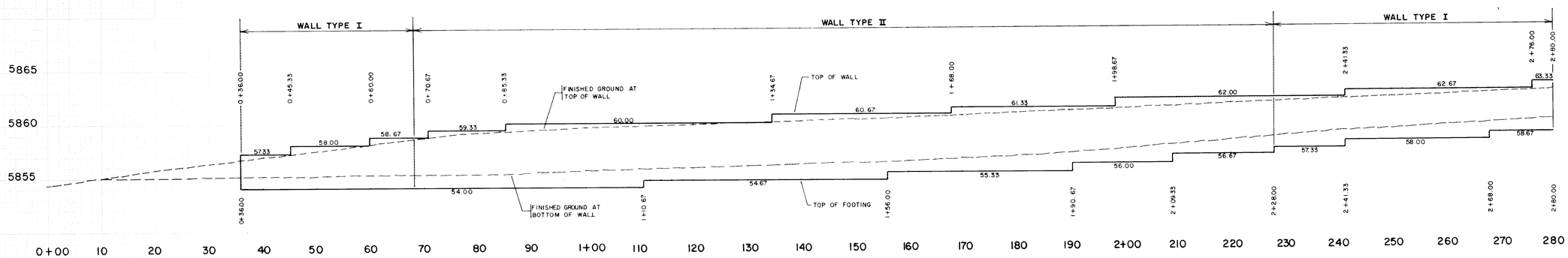
PROJECT NO. 2479

SHEET 9B OF 29

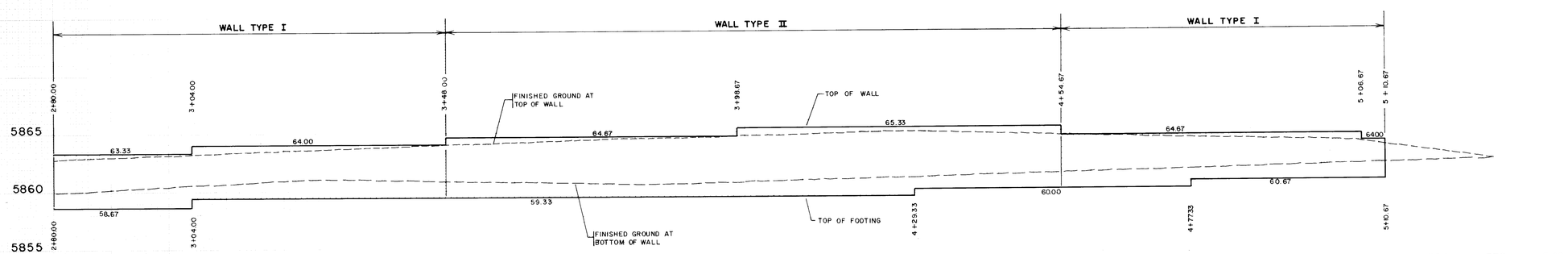
PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



WALL 4



WALL 5



WALL 5 (CONT.)

FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

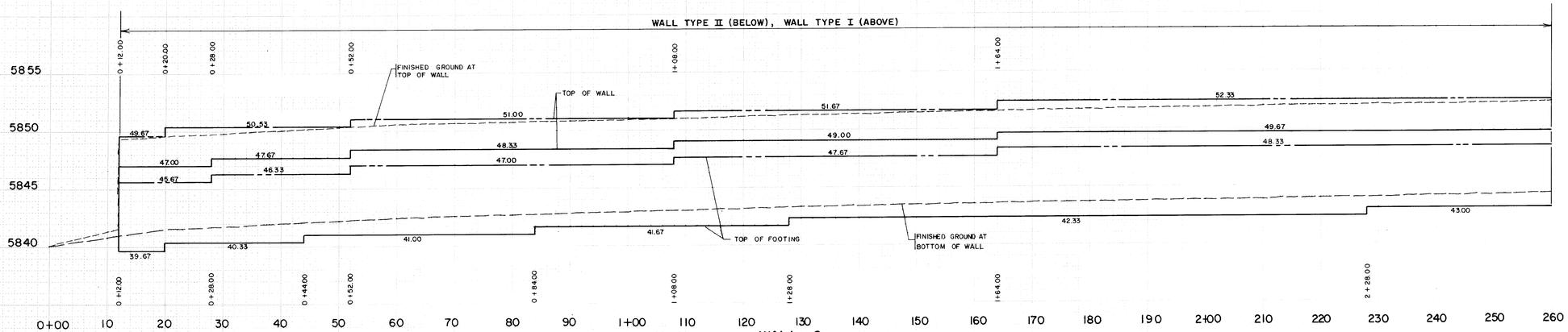
ORIGINAL SURVEY		BY	DATE
NOT BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

26 2479 1288

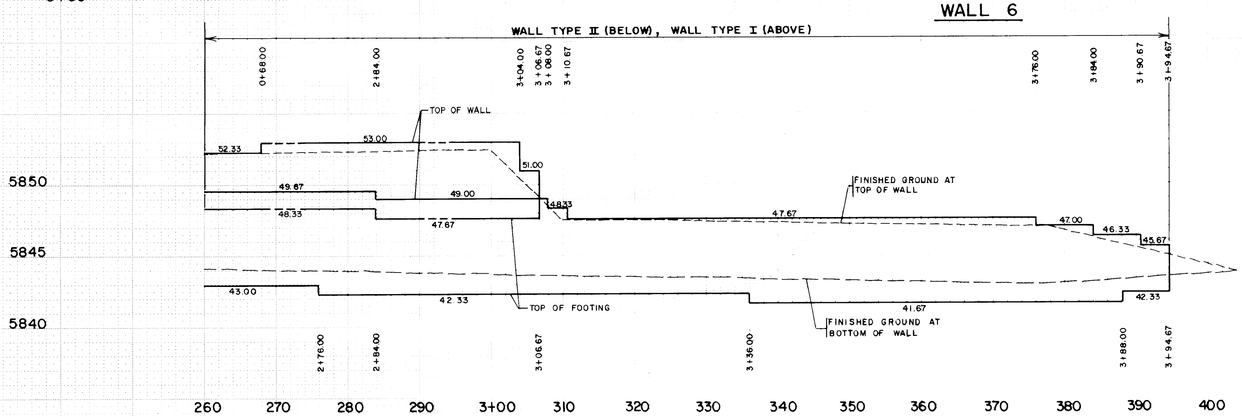
BHI JOB Nº71263

PROJECT NO. 2479 SHEET 9C OF 29

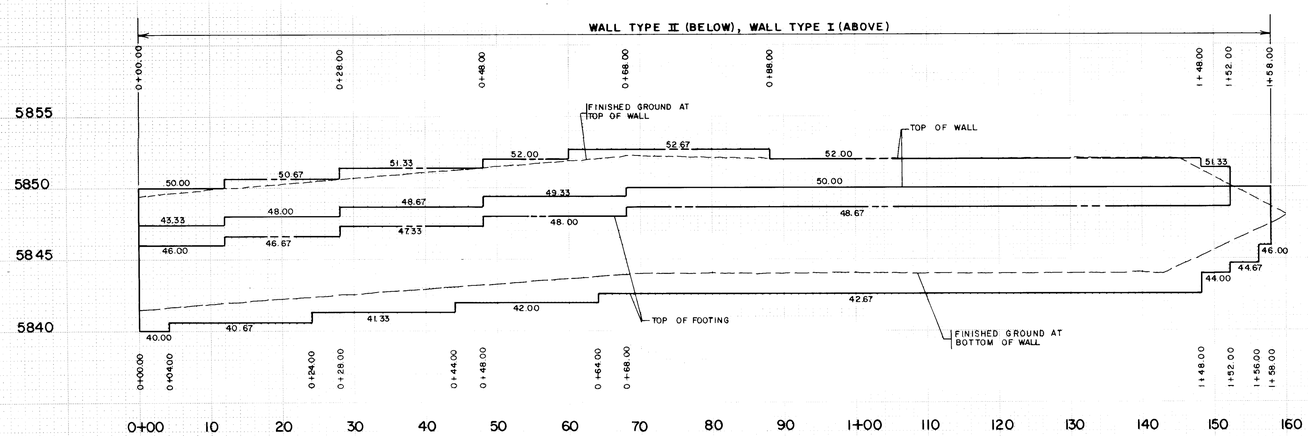
PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



WALL 6



WALL 6 (CONT.)



WALL 7

FINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO		

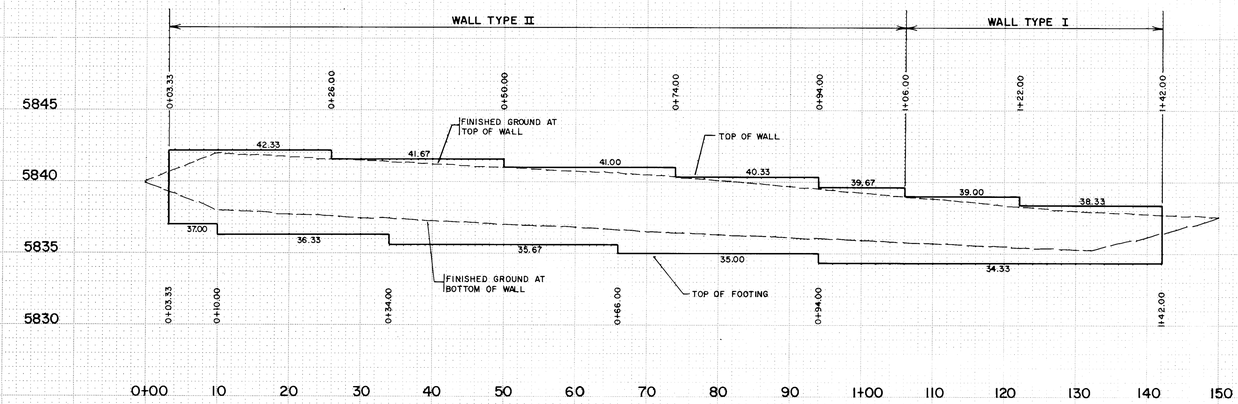
ORIGINAL SURVEY	DATE	BY
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO		

26 24791388

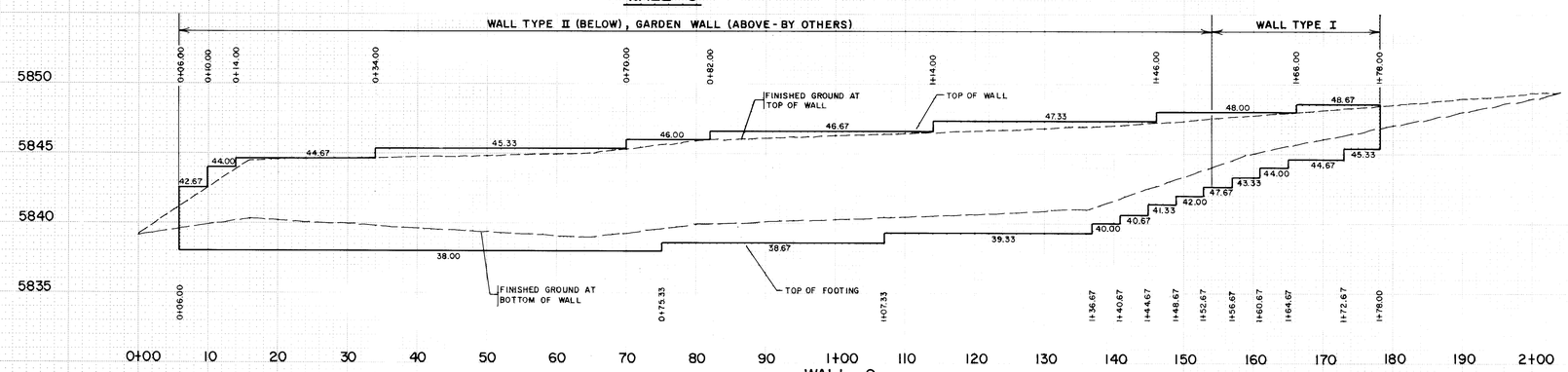
BHI JOB Nº 71263

PROJECT NO. 2479 SHEET 9D OF 29

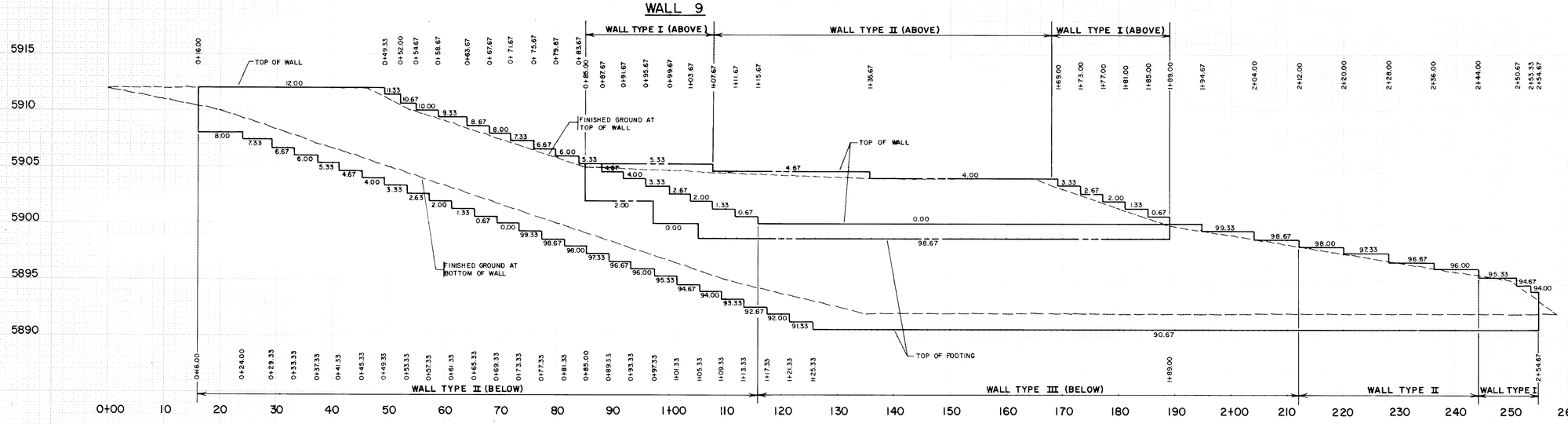
PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



WALL 8



WALL 9



WALL 10

FINAL SURVEY		DATE
NOTE BOOK	SURVEYED	
NO	PLOTTED	BY
	TURNAUT	
	AREAS	
	AREAS CHECKED	

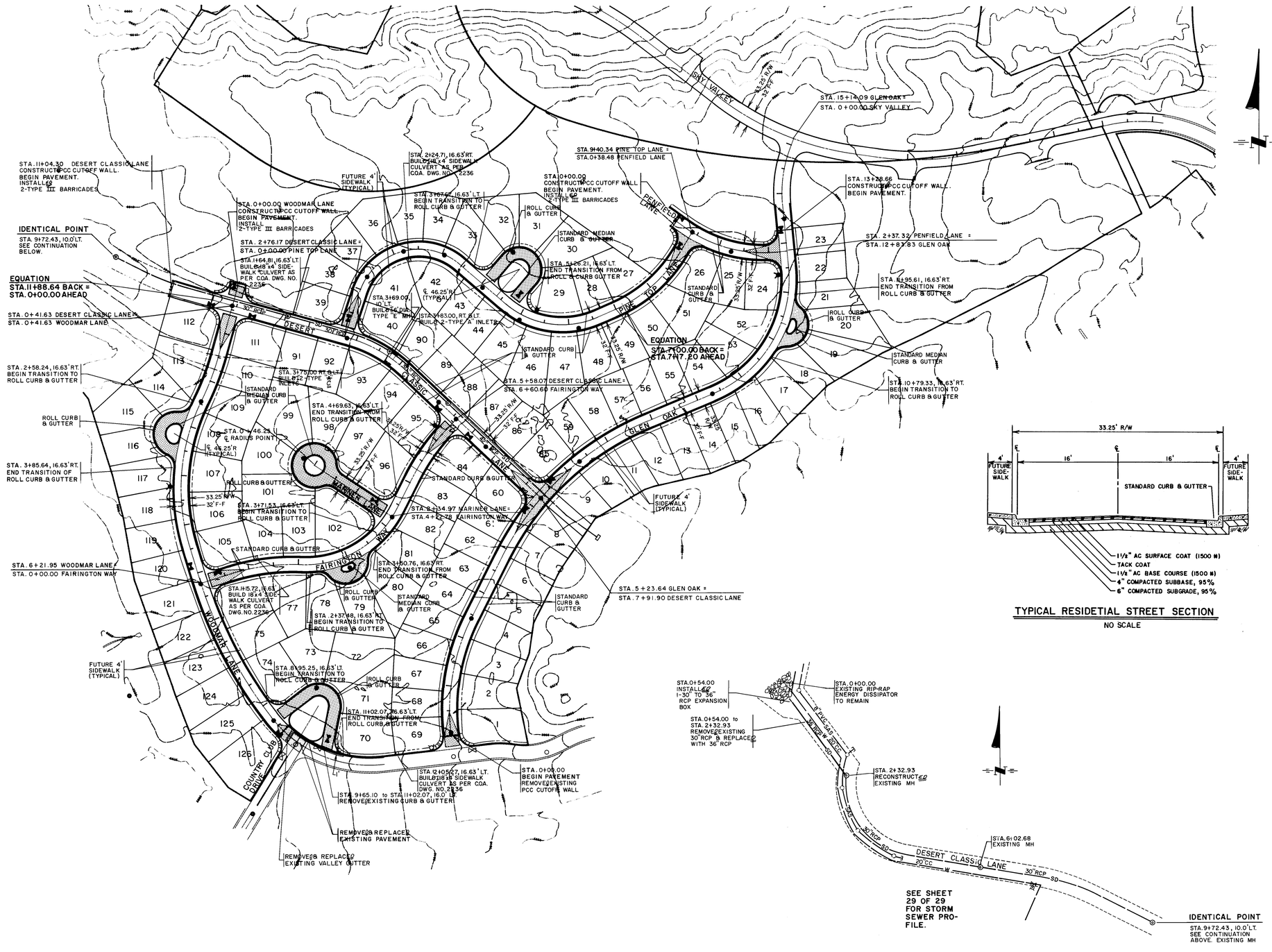
ORIGINAL SURVEY		DATE
NOTE BOOK	SURVEYED	
NO	PLOTTED	BY
	TURNAUT	
	AREAS	
	AREAS CHECKED	

26 2479/488

BHI JOB Nº71263

PROJECT NO. 2479 SHEET 9E OF 29

PLATE 3 CROSS SECTION - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.



TYPICAL RESIDETIAL STREET SECTION

NO SCALE

SEE SHEET 29 OF 29 FOR STORM SEWER PROFILE.

BHI JOB Nº 71263

SCALE: 1" = 100'

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.

LEGEND

- PROJECT BOUNDARY
- PROPOSED CURB & GUTTER
- EXISTING CURB & GUTTER
- PROPOSED CROWN TO NO CROWN TRANSITION
- FUTURE SIDEWALK
- PROPOSED HANDICAP RAMP
- PROPOSED SANITARY MANHOLE
- EXISTING SANITARY MANHOLE
- PROPOSED STORM DRAIN MANHOLE
- EXISTING STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN INLET
- PROPOSED VALLEY GUTTER

RECORD DRAWINGS
DATE JAN 7 1988

26 2479 1588

AS-BUILT INFORMATION

CONTRACTOR	J.R. HALE		
WORK STAKED BY	BHI	DATE	9/87
INSPECTOR'S FIELD ACCEPTANCE BY	BHI	FBR DATE	1/88
VERIFICATION BY	BHI	DATE	1/88
CORRECTIONS CORRELATED BY	BHI	DATE	1/88
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972"

ELEVATION 5934.53'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

WILLIAM L. VREELAND, NEW MEXICO, 8131, REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	MLJ / AMT	DATE 4/87
DRAWN BY	TG / JD	DATE 4/87
CHECKED BY	KLD	DATE 4/87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

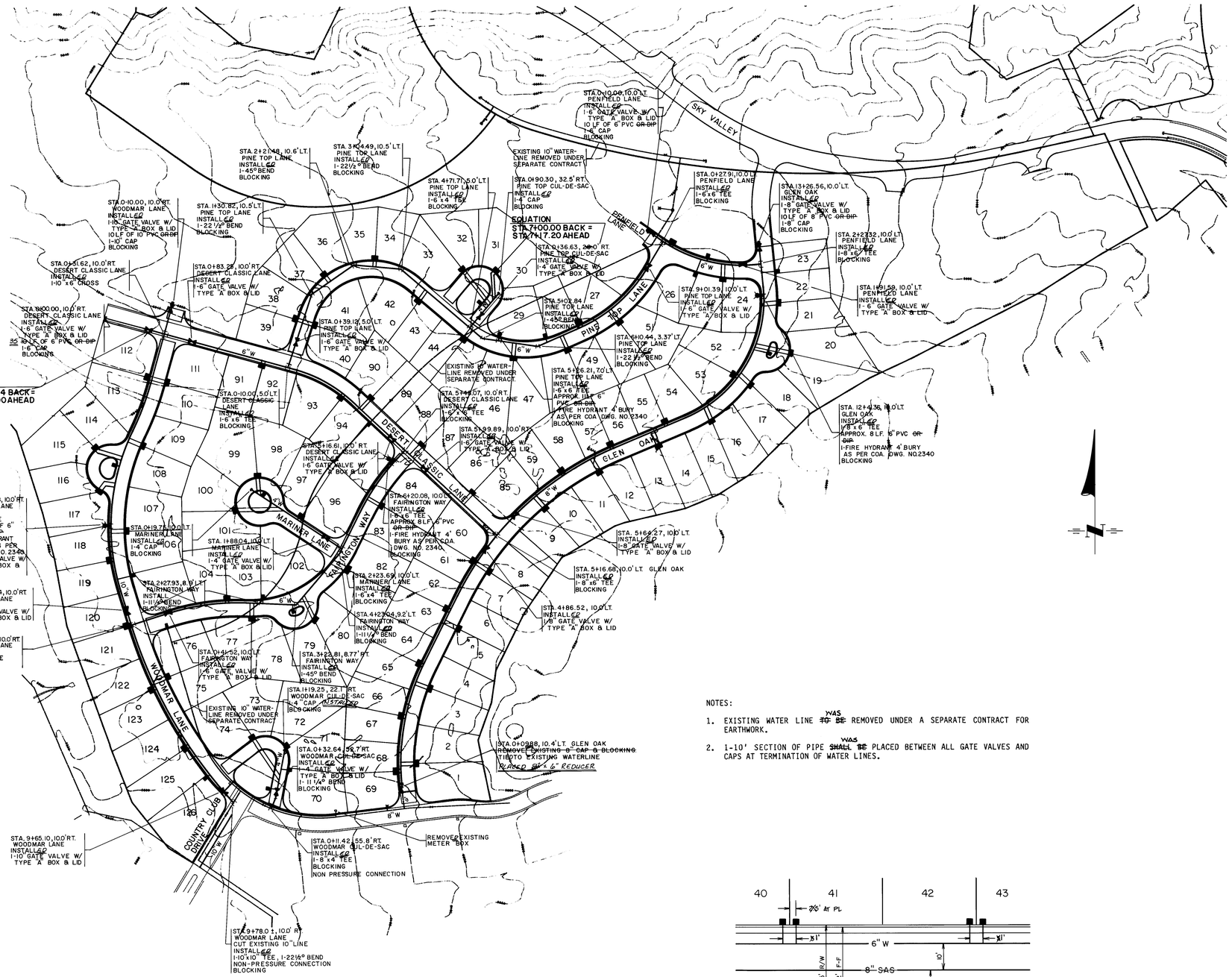
TITLE: DESERT CLASSIC AT TANOAN - PHASE I

PAVING & STORM DRAIN PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	N/A RJ	6-24-87
A.C.E. - Design	DH	6-23-87	Traffic	NATDW	6/24/87
A.C.E. - Hydrology	CDM	6-24-87	Water	N/A RJ	6-24-87

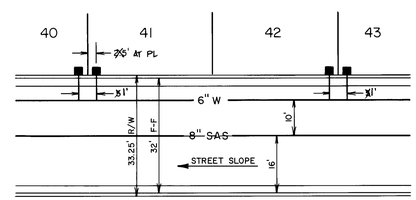
DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	10	29

BRUNING 44-232



NOTES:

1. EXISTING WATER LINE ~~TO BE~~ WAS REMOVED UNDER A SEPARATE CONTRACT FOR EARTHWORK.
2. 1-10' SECTION OF PIPE ~~SHALL BE~~ WAS PLACED BETWEEN ALL GATE VALVES AND CAPS AT TERMINATION OF WATER LINES.



TYPICAL SERVICE LOCATION

NO SCALE

NOTE

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

LEGEND

- PROJECT BOUNDARY
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING WATER LINE
- PROPOSED WATER LINE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- DOUBLE WATER SERVICE CONNECTION
- SINGLE WATER SERVICE CONNECTION
- PROPOSED CAP

RECORD DRAWINGS
DATE JAN 2 1988

WILLIAM L. VRANA 8131 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 2/3/11

ENGINEER'S SEAL — ROBERT L. MATTE 5934 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

AS-BUILT INFORMATION

CONTRACTOR	J.R. HALE	
STAKED BY	BHI	DATE 9/87
INSPECTOR'S ACCEPTANCE BY	E&R	DATE 2/88
FIELD VERIFICATION BY	BHI	DATE 1/88
DRAWINGS CORRECTED BY	BHI	DATE 1/88

MICRO-FILM INFORMATION

RECORDED BY: DATE
NO.

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972"
ELEVATION 5934.53'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

REVISIONS

NO.	DATE	REMARKS	BY

		DATE
DESIGNED BY	MLJ / AMT	4/87
DRAWN BY	TG	4/87
CHECKED BY	KLD	4/87

1 2 3 4 5 6 7 8 9 10 11 12
2 6 2 4 7 9 1 6 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
WATER DISTRIBUTION PLAN

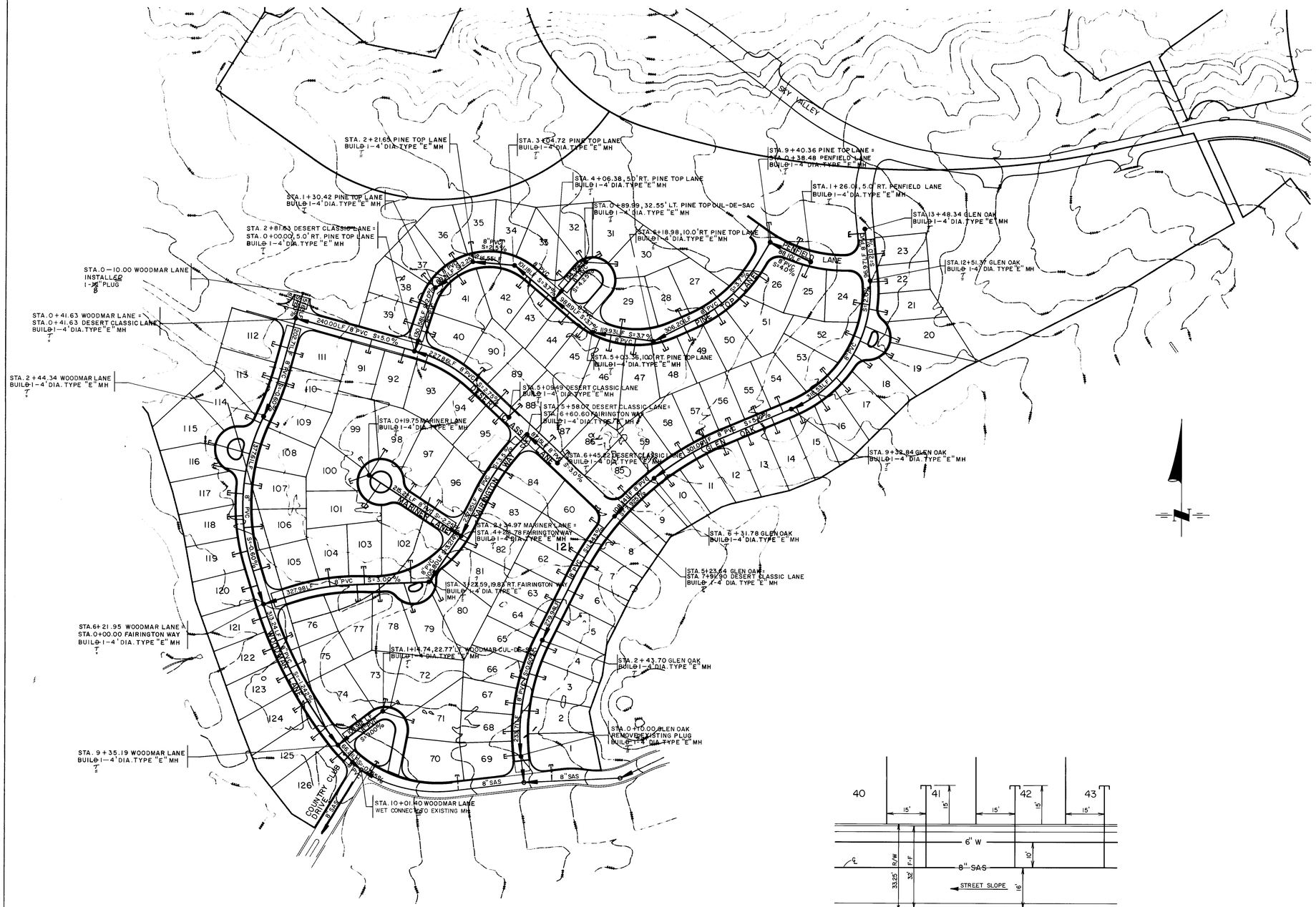
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste		6-24-87
A.C.E.-Design		6-22-87	Traffic		6/24/87
A.C.E.-Hydrology	RA CAM	6-24-87	Water		6-24-87

for

BHI JOB Nº 71263
SCALE: 1" = 100'

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	11	29

BRUNING 44-232



TYPICAL SERVICE LOCATION

NO SCALE

NOTE

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

LEGEND

- PROJECT BOUNDARY
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING SANITARY SEWER LINE
- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER SERVICE CONNECTION
- SANITARY SEWER DIRECTION OF FLOW

AS-BUILT INFORMATION

CONTRACTOR	J.R. HALE	
WORK STAKED BY	BHI	DATE 9/87
INSPECTOR'S ACCEPTANCE BY	RDR	DATE 2/88
FIELD VERIFICATION BY	BHI	DATE 1/88
DRAWINGS CORRECTED BY	BHI	DATE 1/88

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972"

ELEVATION 5934.53'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		
DESIGNED BY	MLJ / AMT	DATE 4/87
DRAWN BY	TG / JD	DATE 4/87
CHECKED BY	KLD	DATE 4/87

1 2 3 4 5 6 7 8 9 10 11 12
2 6 2 4 7 9 1 7 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I

SANITARY SEWER PLAN

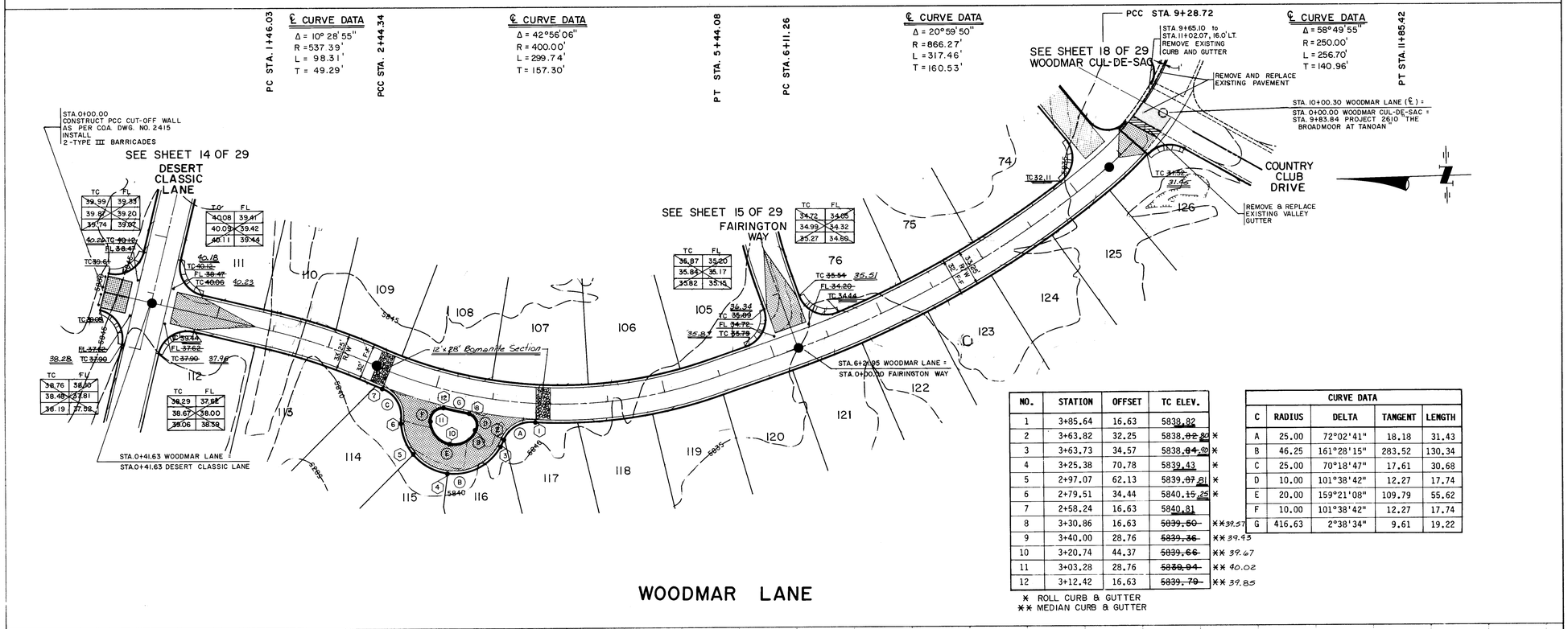
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste		6-24-87
A C E - Design		6-24-87	Traffic		6-24-87
A C E - Hydrology		6-24-87	Water		6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	12	29

BHI JOB Nº 71263

SCALE: 1" = 100'

BRUNING 44-232

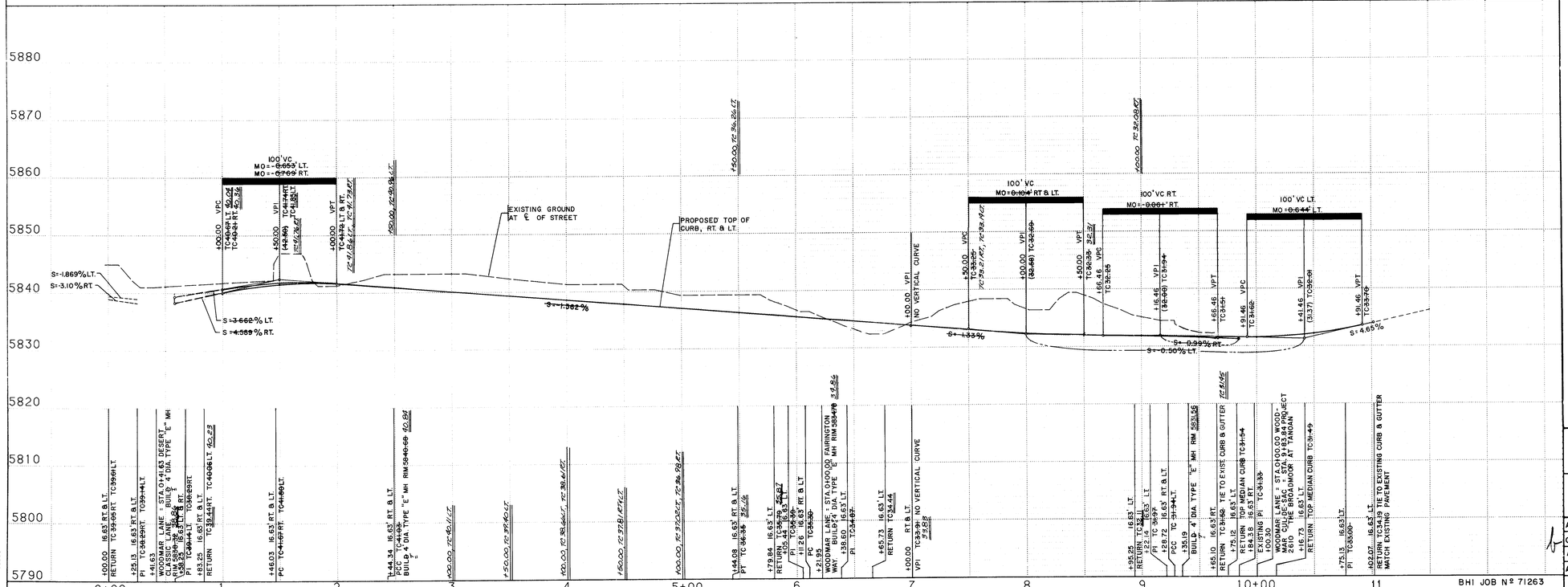


NO.	STATION	OFFSET	TC ELEV.	
1	3+85.64	16.63	5838.82	
2	3+63.82	32.25	5838.~~82~~ 80	*
3	3+63.73	34.57	5838.~~64~~ 62	*
4	3+25.38	70.78	5839.43	*
5	2+97.07	62.13	5839.~~07~~ 81	*
6	2+79.51	34.44	5840.~~15~~ 25	*
7	2+58.24	16.63	5840.81	
8	3+30.86	16.63	~~5839.50~~	** 39.57
9	3+40.00	28.76	~~5839.36~~	** 39.43
10	3+20.74	44.37	~~5839.66~~	** 39.67
11	3+03.28	28.76	~~5839.94~~	** 40.02
12	3+12.42	16.63	~~5839.79~~	** 39.85

* ROLL CURB & GUTTER
** MEDIAN CURB & GUTTER

CURVE DATA				
C	RADIUS	DELTA	TANGENT	LENGTH
A	25.00	72°02'41"	18.18	31.43
B	46.25	161°28'15"	283.52	130.34
C	25.00	70°18'47"	17.61	30.68
D	10.00	101°38'42"	12.27	17.74
E	20.00	159°21'08"	109.79	55.62
F	10.00	101°38'42"	12.27	17.74
G	416.63	2°38'34"	9.61	19.22

WOODMAR LANE



BHI JOB Nº 71263

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.

AS BUILT INFORMATION
CONTRACTOR J.R. HALE DATE 9/87
WORK STAKED BY BHI DATE 9/87
INSPECTED BY BHI DATE 1/88
FIELD CHANGES BY BHI DATE 1/88
CERTIFICATION BY BHI DATE 1/88
RECORDED BY BHI DATE 1/88
CORRECTED BY BHI DATE 1/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972", ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

RECORD DRAWINGS
DATE JAN 7 1988

NO	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY MLJ/AMT DATE 4/87
DRAWN BY TG/TL DATE 4/87
CHECKED BY KLD DATE 4/87

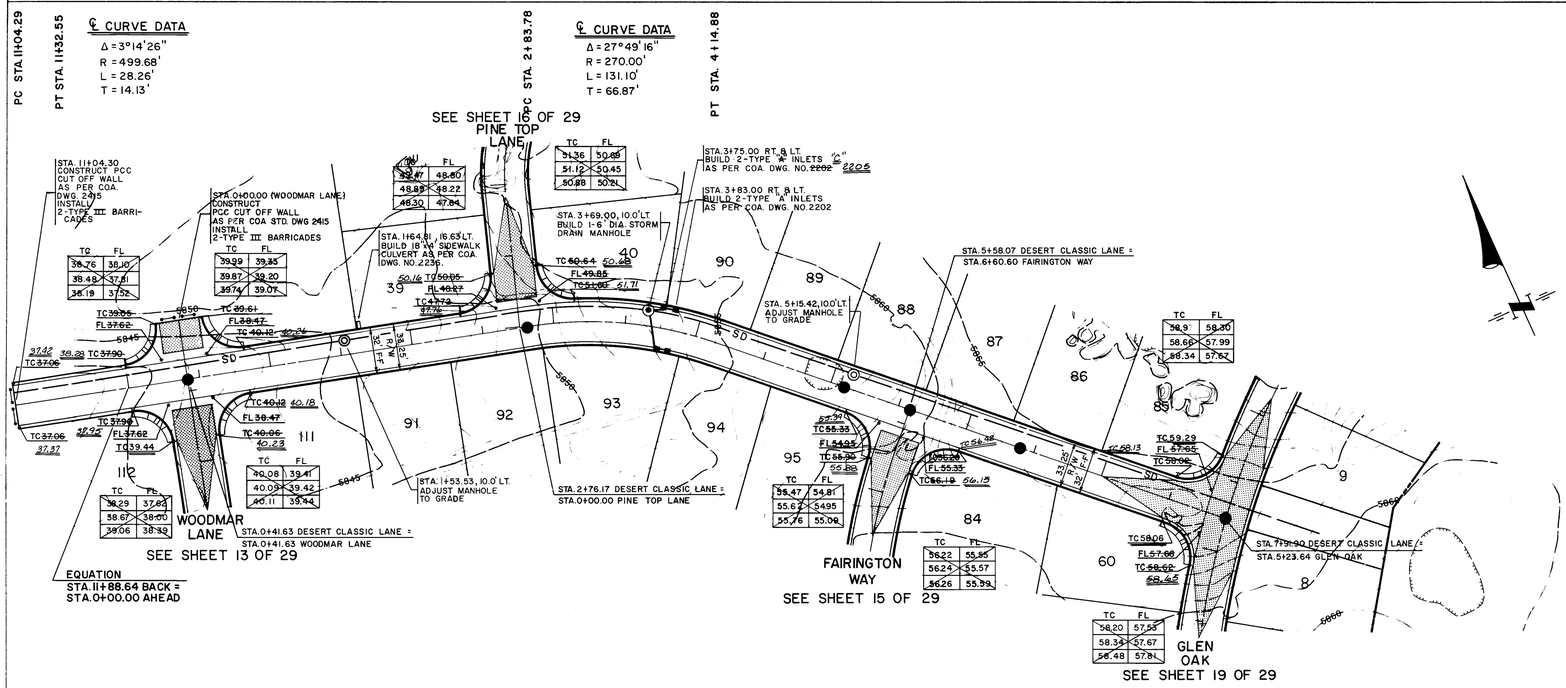
26 2479 1 8 8 8

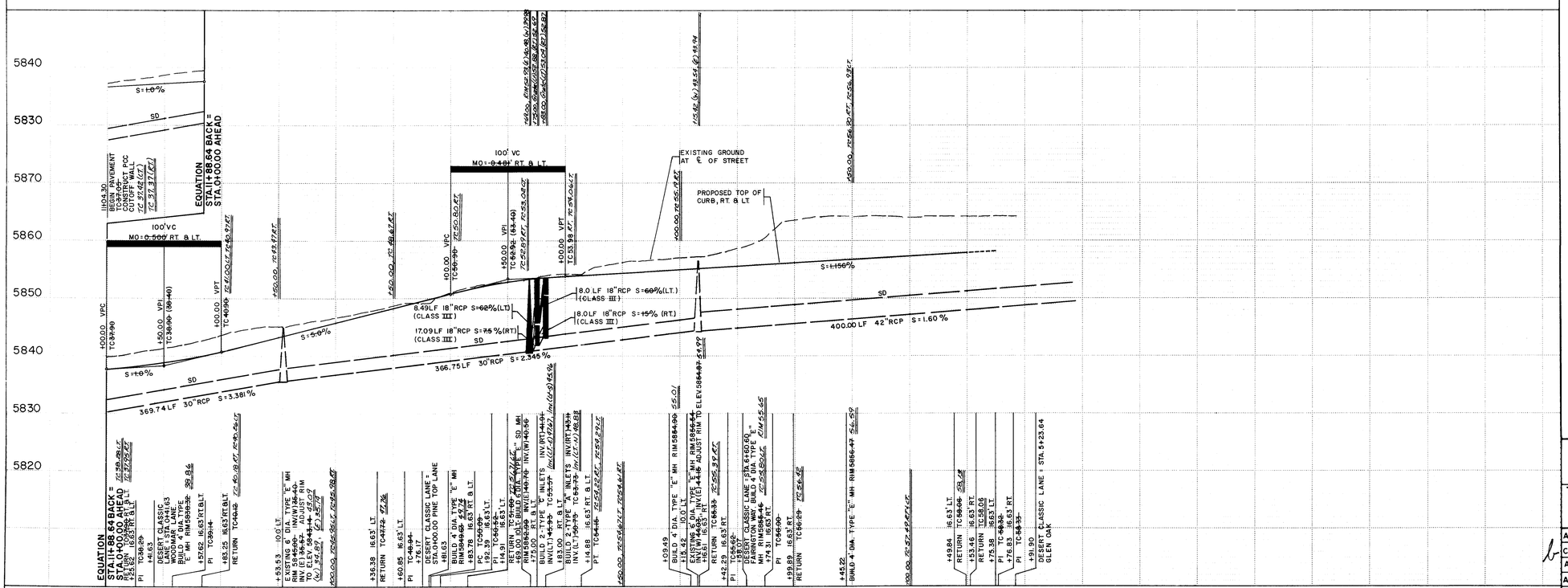
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
WOODMAR LANE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	N/A	6-24-87
A C E - Design		6-23-87	Traffic	N/A	6/24/87
A C E - Hydrology	N/A	6-24-87	Water	N/A	6-24-87

DRAWING NO. 2479 MAP NO. E-22 SHEET 13 OF 29





BHI JOB Nº 71263

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.

AS BUILT INFORMATION

CONTRACTOR	J.R. HALE	
FIELD WORK BY	BHI	DATE 9/87
INSPECTOR'S ACCEPTANCE BY	BHI	DATE 1/88
VERIFICATION BY	BHI	DATE 1/88
DRAWINGS CORRECTED BY	BHI	DATE 1/88

MICRO-FILM INFORMATION

RECORDED BY | DATE | NO

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

JAMES L. DAVIS, NEW MEXICO, 1985, REGISTERED PROFESSIONAL ENGINEER

2/3/88

RECORD DRAWINGS
DATE JAN 7 1988

26 2479 1988

NO	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	MLJ/AMT	DATE	4/87
DRAWN BY	TG/TL	DATE	4/87
CHECKED BY	KLD	DATE	4/87

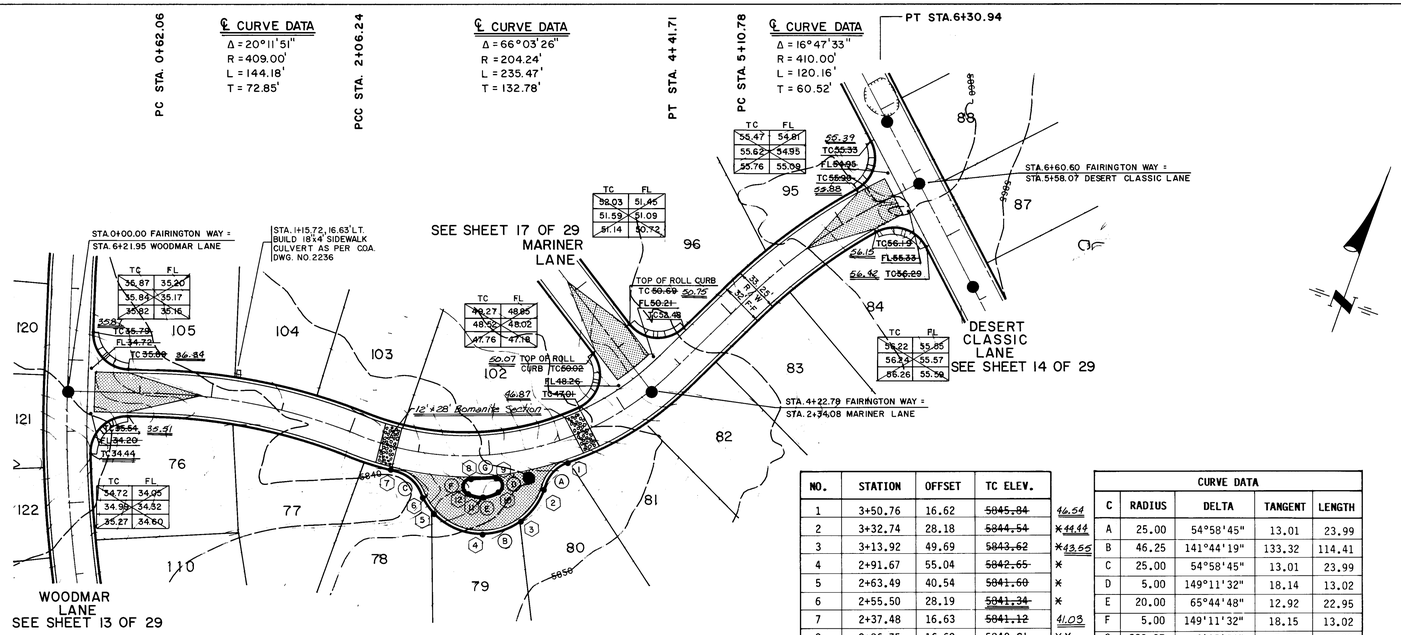
DESIGN

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
DESERT CLASSIC LANE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	N/A	6-24-87
A.C.E.-Design		6-24-87	Traffic	N/A	6/24/87
A.C.E.-Hydrology	CAM	6-24-87	Water	N/A	6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	14	29



FAIRINGTON WAY

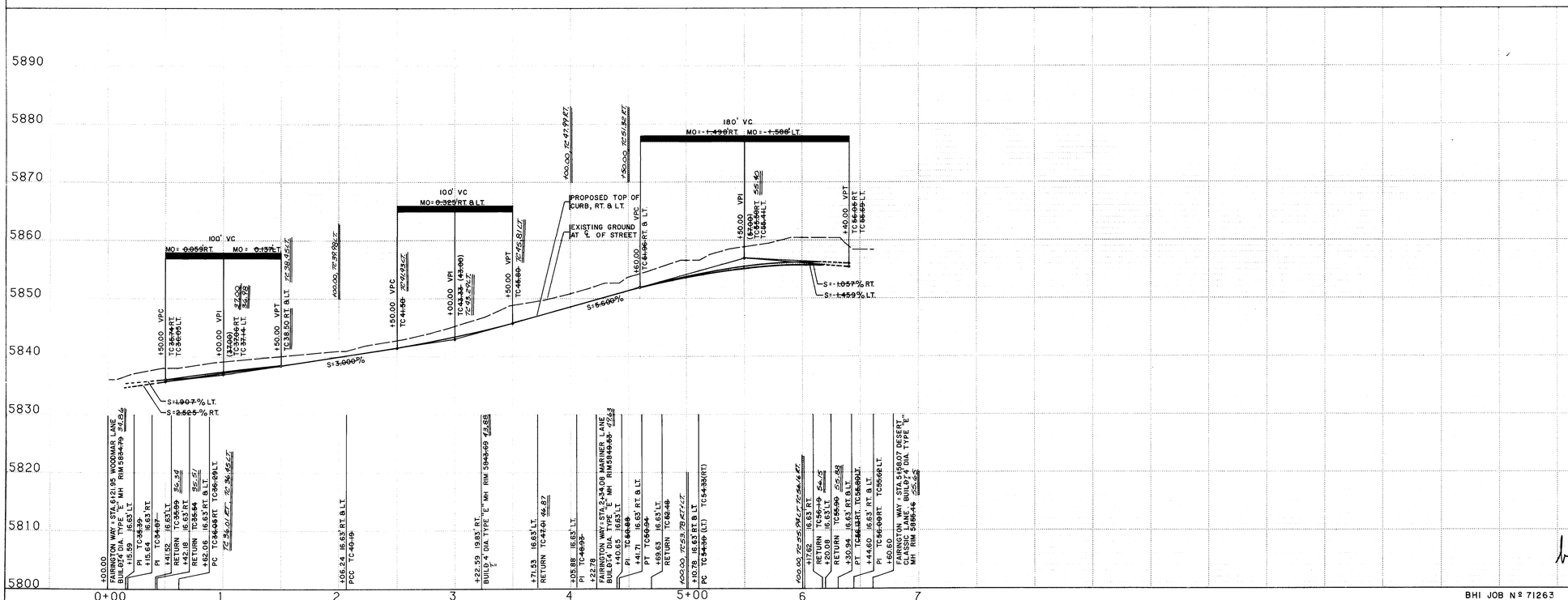
NO.	STATION	OFFSET	TC ELEV.	
1	3+50.76	16.62	~~5845.84~~	46.54
2	3+32.74	28.18	~~5844.54~~	* 44.44
3	3+13.92	49.69	~~5843.62~~	* 43.65
4	2+91.67	55.04	~~5842.65~~	*
5	2+63.49	40.54	~~5841.60~~	*
6	2+55.50	28.19	~~5841.34~~	*
7	2+37.48	16.63	~~5841.12~~	41.03
8	2+86.75	16.62	~~5842.61~~	**
9	3+01.48	16.63	~~5843.22~~	** 43.26
10	3+03.75	25.94	~~5843.32~~	** 43.34
11	2+93.79	28.05	~~5842.89~~	** 42.95
12	2+84.48	25.94	~~5842.52~~	** 42.51

* ROLL CURB & GUTTER
** MEDIAN CURB & GUTTER

CURVE DATA				
C	RADIUS	DELTA	TANGENT	LENGTH
A	25.00	54°58'45"	13.01	23.99
B	46.25	141°44'19"	133.32	114.41
C	25.00	54°58'45"	13.01	23.99
D	5.00	149°11'32"	18.14	13.02
E	20.00	65°44'48"	12.92	22.95
F	5.00	149°11'32"	18.15	13.02
G	220.87	4°07'54"	7.97	15.93

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.



BHI JOB Nº 71263

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

AS BUILT INFORMATION

CONTRACTOR	J.R.HALE	
WORK STAKED BY	BHI	DATE 9/87
INSPECTOR'S ACCEPTANCE BY	BHI	DATE 1/88
FIELD VERIFICATION BY	BHI	DATE 1/88
DRAWINGS CORRECTED BY	BHI	DATE 1/88

MICRO-FILM INFORMATION

RECORDED BY | DATE | NO

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD, NE. THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972". ELEVATION 5934.53'

SURVEY INFORMATION

FIELD NOTES

NO	BY	DATE

ENGINEER'S SEAL

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 9984 JAMES L. DAVIS

NO	DATE	REMARKS	BY

REVISIONS

DESIGNED BY	MLJ/AMT	DATE 4/87
DRAWN BY	TG/TL	DATE 4/87
CHECKED BY	KLD	DATE 4/87

DESIGN

WILLIAM L. UPTMOR 8131 REGISTERED PROFESSIONAL ENGINEER 2/3/88

RECORD DRAWINGS
DATE JAN 7 1988

26 2479 2088

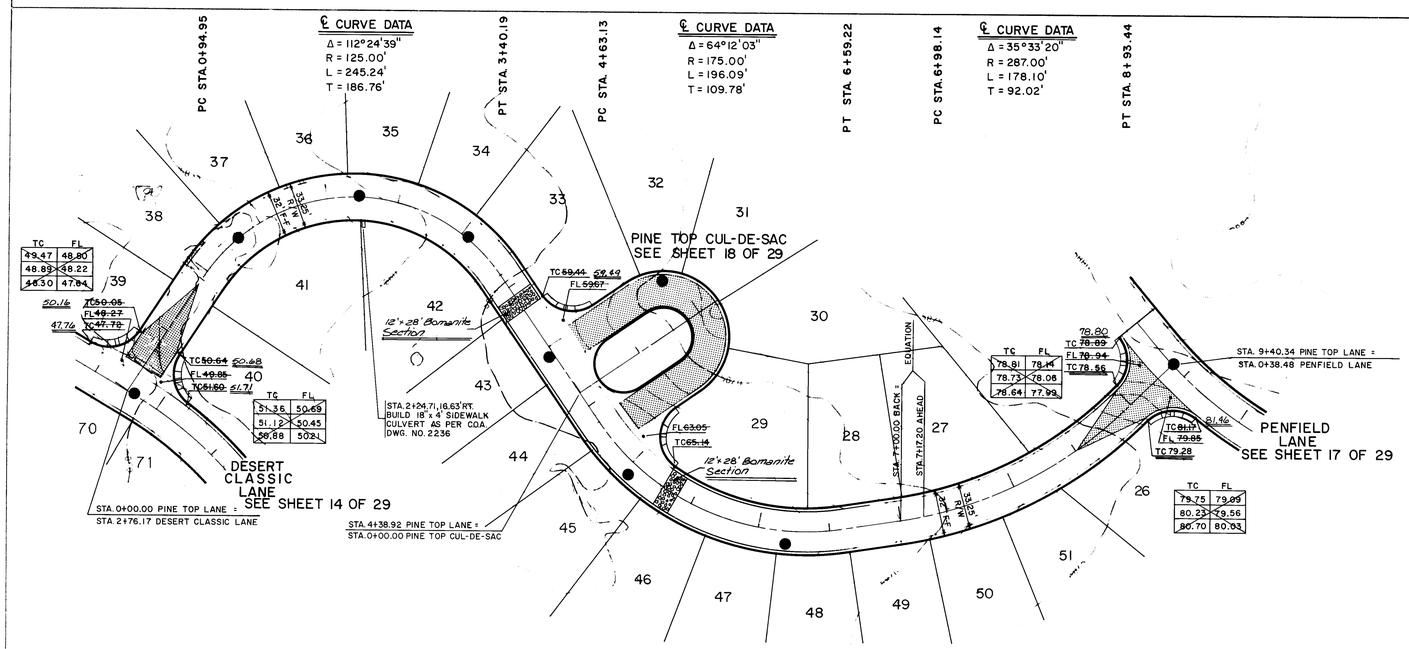
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
FAIRINGTON WAY

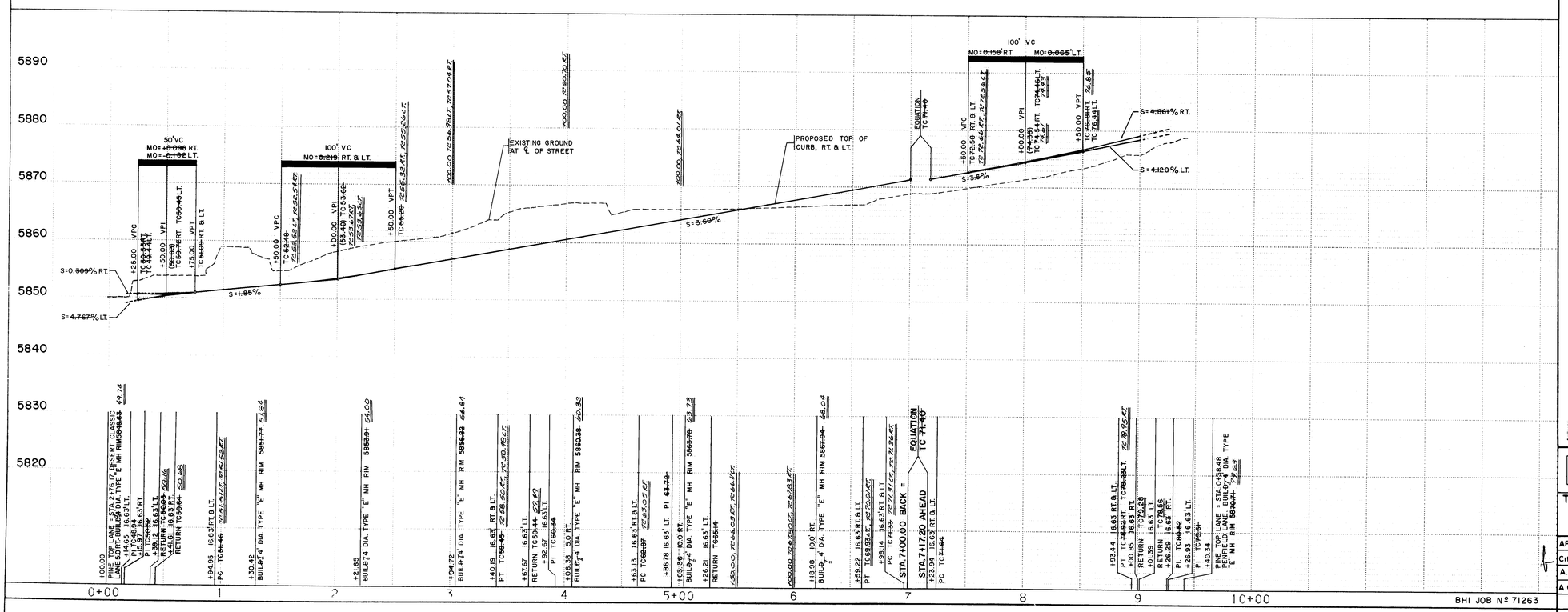
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	NVA	6-24-87
A C E - Design		6-24-87	Traffic	NA	6-24-87
A C E - Hydrology	NA	6-24-87	Water	N/A	6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	15	29

62236
BRUNING



PINE TOP LANE



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.

AS BUILT INFORMATION
CONTRACTOR J.R. HALE
WORK STAKED BY BHI DATE 9/87
INSPECTED BY BHI DATE 1/88
AS-BUILTED BY BHI DATE 1/88
FIELD VERIFICATION BY BHI DATE 1/88
DRAWINGS CORRECTED BY BHI DATE 1/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RECORD DRAWINGS
DATE JAN 7 1988

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY MLJ DATE 4/87
DRAWN BY TG DATE 4/87
CHECKED BY KLD DATE 4/87

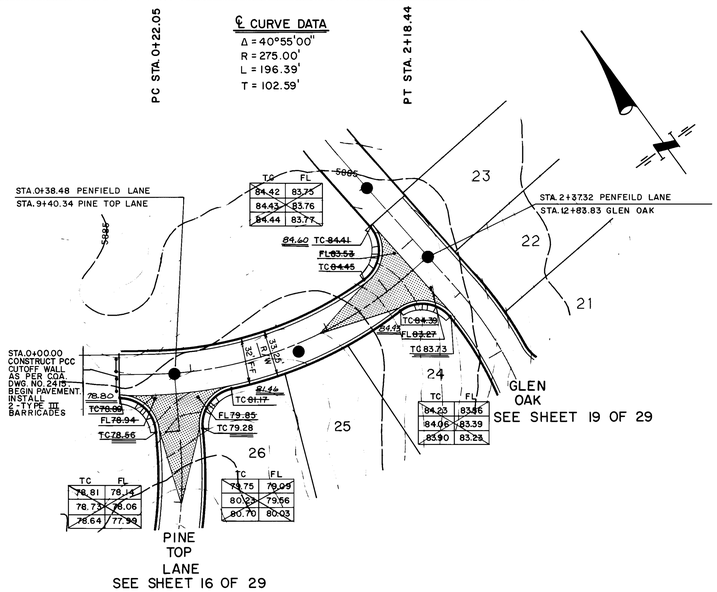
26 24792 1/88

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

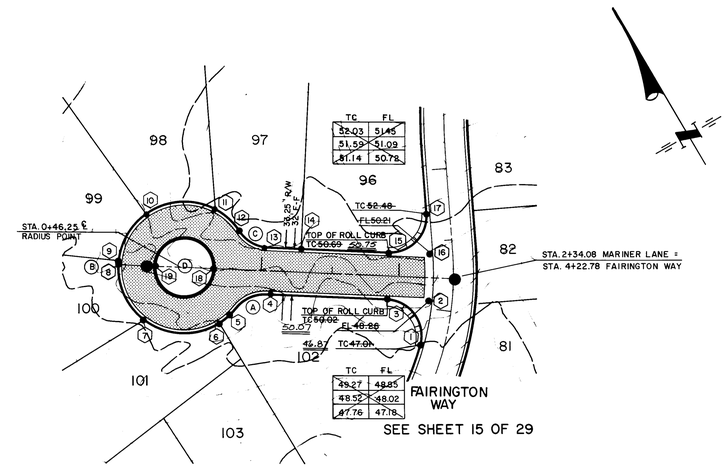
TITLE: DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
PINE TOP LANE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	N/A RJ1	6-24-87
A.C.E.-Design	TRH	6-25-87	Traffic	NADWH	6/24/87
A.C.E.-Hydrology	NA CAM	6-24-87	Water	N/A RJ1	6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	16	29



PENFIELD LANE



MARINER LANE

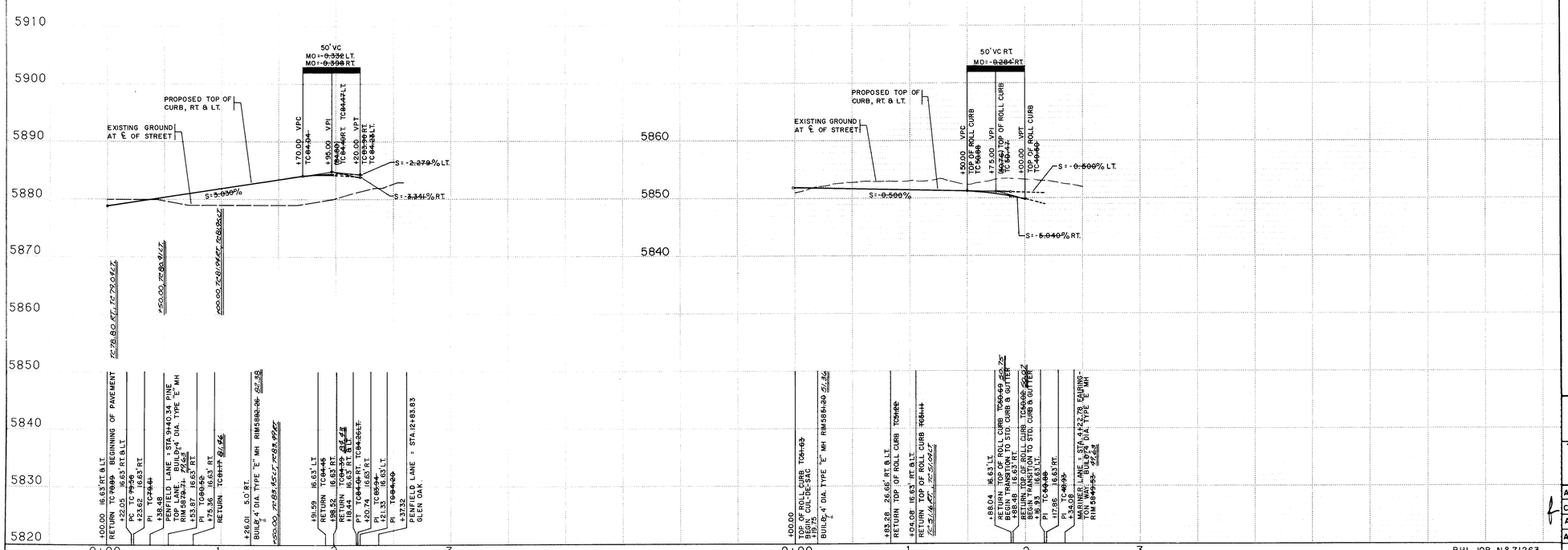
NO.	STATION	OFFSET	TC ELEV.	
1	2+13.46	47.31 RT	~~5847.01~~	46.87
2	2+17.86	16.00 RT	~~5848.26~~	FL
3	1+88.48	16.68 RT	~~5850.02~~	*
4	1+04.08	16.63 RT	~~5851.11~~	* 51.16
5	0+83.28	26.65 RT	~~5851.22~~	*
6	0+72.62	37.99 RT	~~5851.27~~	* 51.36
7	0+19.76	37.91 RT	~~5851.54~~	* 51.61
8	0+00.00	---	~~5851.63~~	*
9	0+00.09	2.78 LT	~~5851.63~~	* 51.76
10	0+17.73	36.41 LT	~~5851.55~~	*
11	0+66.04	41.80 LT	~~5851.30~~	*
12	0+83.28	26.65 LT	~~5851.22~~	*
13	1+04.80	16.63 LT	~~5851.11~~	* 51.04
14	1+27.20	16.63 LT	~~5851.00~~	* 50.92
15	1+88.04	16.03 LT	~~5850.69~~	*
16	2+16.93	16.00 LT	~~5850.21~~	FL
17	2+13.48	44.66 LT	~~5852.48~~	
18	0+66.26	---	~~5851.47~~	** 51.50
19	0+26.26	---	~~5851.67~~	** 51.70

* ROLL CURB & GUTTER
** MEDIAN CURB & GUTTER

CURVE DATA				
C	RADIUS	DELTA	TANGENT	LENGTH
A	25.00	54°15'10"	12.81	23.67
B	46.25	288°30'18"	---	232.90
C	25.00	54°15'10"	12.81	23.67
D	20.00	360°00'00"	---	125.67

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.



RECORD DRAWINGS
DATE JAN 7 1988

SURVEY INFORMATION			
FIELD NOTES			
NO.	BY	DATE	

BENCH MARKS		
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'		
AS BUILT INFORMATION		
CONTRACTOR	J.R. HALE	
WORK STAKED BY	BHI	DATE 9/87
INSPECTOR'S ACCEPTANCE BY	BHI	DATE 1/88
CERTIFICATION BY	BHI	DATE 1/88
COMPUTED BY	BHI	DATE 1/88
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO		

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN		
DESIGNED BY	MLJ/AMT	DATE 4/87
DRAWN BY	TG/TL	DATE 4/87
CHECKED BY	KLD	DATE 4/87

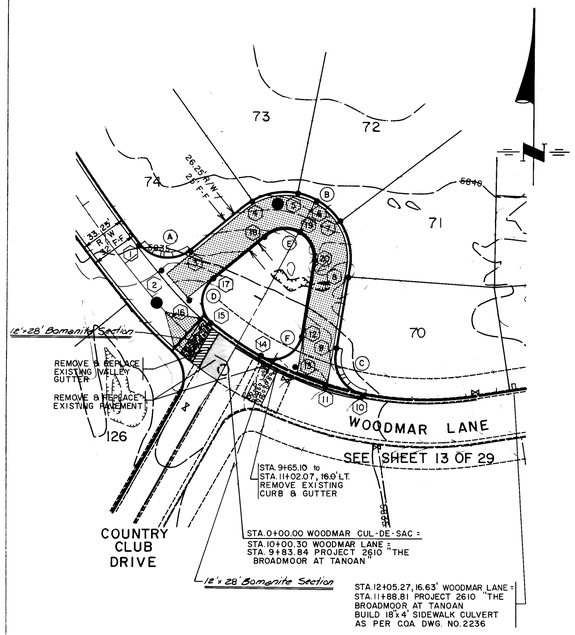
26 2479 2 2 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
PENFIELD LANE / MARINER LANE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	NA	6-24-87
A.C.E.-Design		6-29-87	Traffic	NA	
A.C.E.-Hydrology	NA	6-24-87	Water	NA	6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	17	29

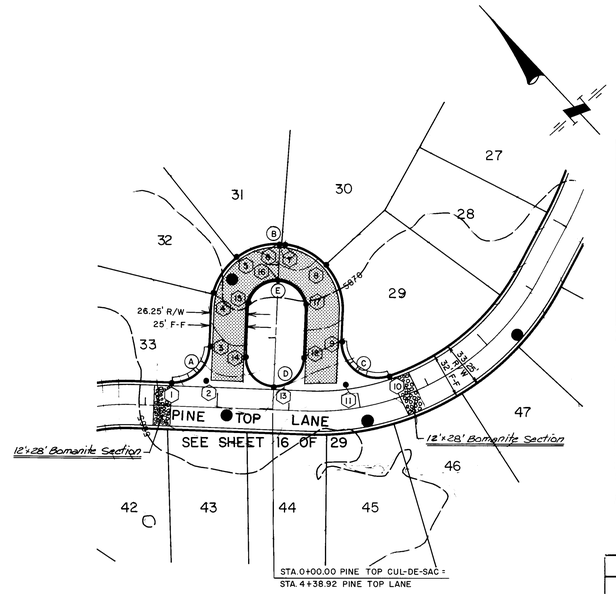


WOODMAR CUL-DE-SAC

NO.	STATION	OFFSET	TC ELEV.	
1	0+43.86	93.91 LT	5832.11	
2	0+33.64	69.59 LT	~~5831.30~~	FL
3	0+57.76	59.86 LT	~~5833.51~~	* 33.47
4	1+08.53	39.77 LT	~~5837.45~~	* 37.40
5	1+28.64	14.10 LT	5839.01	*
6	1+30.45	---	~~5839.15~~	*
7	1+25.34	21.95 RT	5838.86	*
8	0+93.99	45.64 RT	~~5836.99~~	* 36.95
9	0+42.57	63.21 RT	~~5833.46~~	* 34.36
10	0+27.61	94.88 RT	~~5834.19~~	
11	0+20.83	70.93 RT	~~5832.33~~	FL
12	0+42.63	36.70 RT	~~5833.53~~	** 37.27
13	0+24.43	43.17 RT	~~5831.34~~	FL
14	0+15.05	16.76 RT	~~5831.09~~	** 33.37
15	0+19.15	21.93 LT	~~5831.30~~	**
16	0+28.37	44.79 LT	~~5831.16~~	FL
17	0+47.18	37.22 LT	~~5833.23~~	** 33.39
18	0+91.44	18.65 LT	~~5837.48~~	** 37.43
19	1+04.21	---	~~5838.50~~	** 38.49
20	0+91.01	18.80 RT	~~5837.34~~	**

* ROLL CURB & GUTTER
** MEDIAN CURB & GUTTER

CURVE DATA				
C	RADIUS	DELTA	TANGENT	LENGTH
A	25.00	91°44'13"	25.77	40.03
B	46.25	138°52'07"	123.27	112.10
C	25.00	88°14'13"	24.24	38.50
D	20.00	101°08'18"	24.32	35.30
E	20.00	138°52'07"	53.31	48.48
F	20.00	110°51'09"	29.02	38.70



PINE TOP CUL-DE-SAC

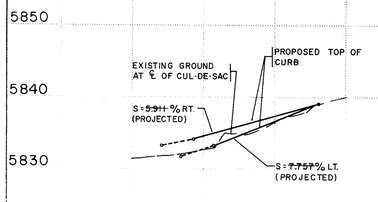
NO.	STATION	OFFSET	TC ELEV.	
1	0+16.62	71.25 LT	~~5859.44~~	59.49
2	0+16.00	45.63 LT	~~5859.67~~	FL
3	0+41.63	46.25 LT	~~5861.57~~	* 61.65
4	0+79.34	45.30 LT	~~5863.83~~	* 63.87
5	1+05.07	30.16 LT	~~5865.38~~	* 65.42
6	1+16.25	---	~~5866.05~~	*
7	1+16.23	1.53 RT	~~5866.05~~	* 66.12
8	1+02.64	32.77 RT	~~5865.68~~	* 65.65
9	0+50.20	46.25 RT	~~5864.27~~	* 64.53
10	0+26.81	80.06 RT	~~5865.14~~	
11	0+17.45	45.63 RT	~~5863.05~~	FL
12	0+36.63	20.00 RT	~~5862.83~~	** 62.90
13	0+16.62	---	~~5861.83~~	** 62.04
14	0+36.62	20.00 LT	~~5862.51~~	** 62.52
15	0+70.00	20.00 LT	~~5863.65~~	** 63.64
16	0+90.00	---	~~5865.00~~	** 65.02
17	0+70.00	20.00 RT	~~5864.49~~	** 64.36

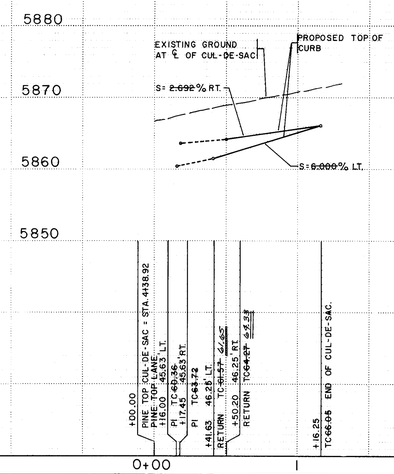
* ROLL CURB & GUTTER
** MEDIAN CURB & GUTTER

CURVE DATA				
C	RADIUS	DELTA	TANGENT	LENGTH
A	25.00	90°00'00"	25.00	39.27
B	46.25	179°59'59"	---	145.31
C	25.00	110°39'12"	36.14	48.28
D	20.00	179°59'59"	---	62.83
E	20.00	179°59'59"	---	62.83

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.





BHI JOB Nº 71263

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

AS BUILT INFORMATION
INITIAL
MARK-UP BY: J.R. HALE DATE 9/87
INSPECTED BY: BHI DATE 1/88
ACCEPTANCE BY: BHI DATE 1/88
FINALIZATION BY: BHI DATE 1/88
DRAWINGS CORRECTED BY: BHI DATE 1/88
"MICRO-FILM" INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972". ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6-17-87

REVISIONS
NO. DATE REMARKS BY

DESIGN			
DESIGNED BY	MLJ/AMT	DATE	4/87
DRAWN BY	TG/TL	DATE	4/87
CHECKED BY	KLD	DATE	4/87

RECORD DRAWINGS
DATE JAN 7 1988

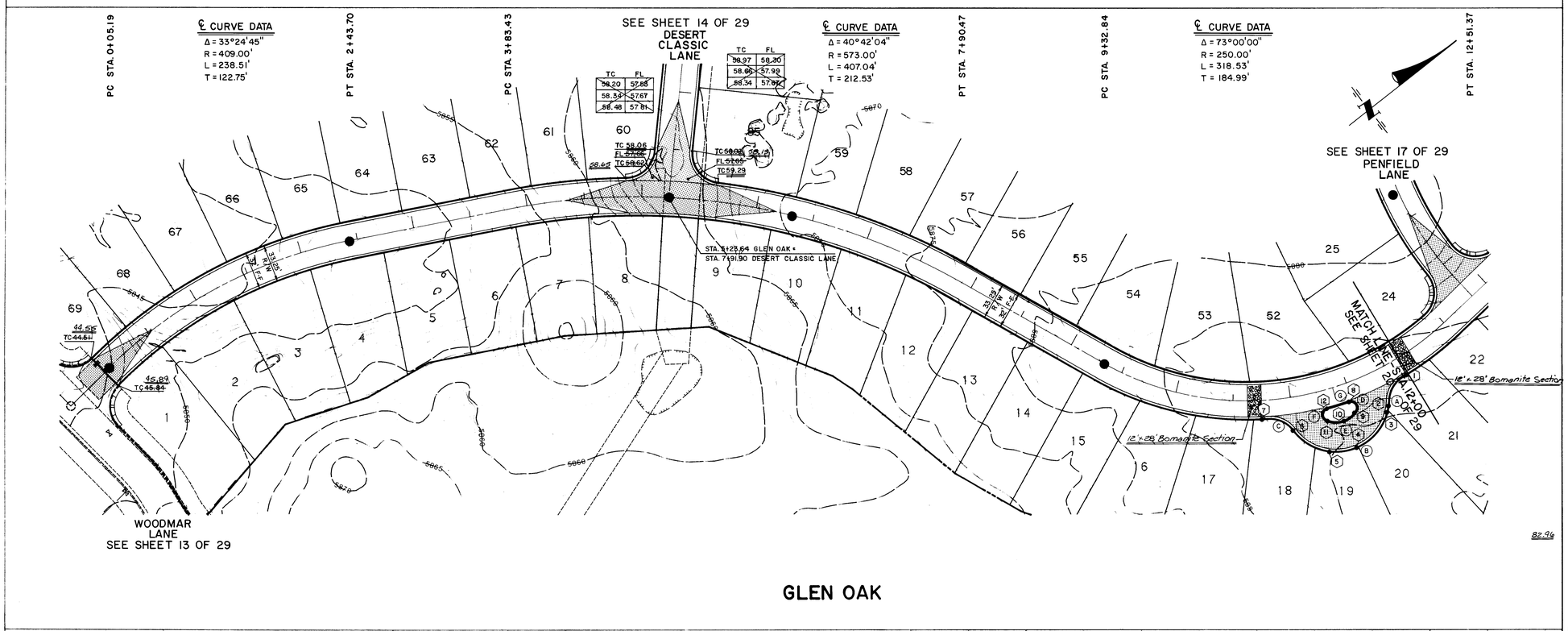
26 247923 08

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

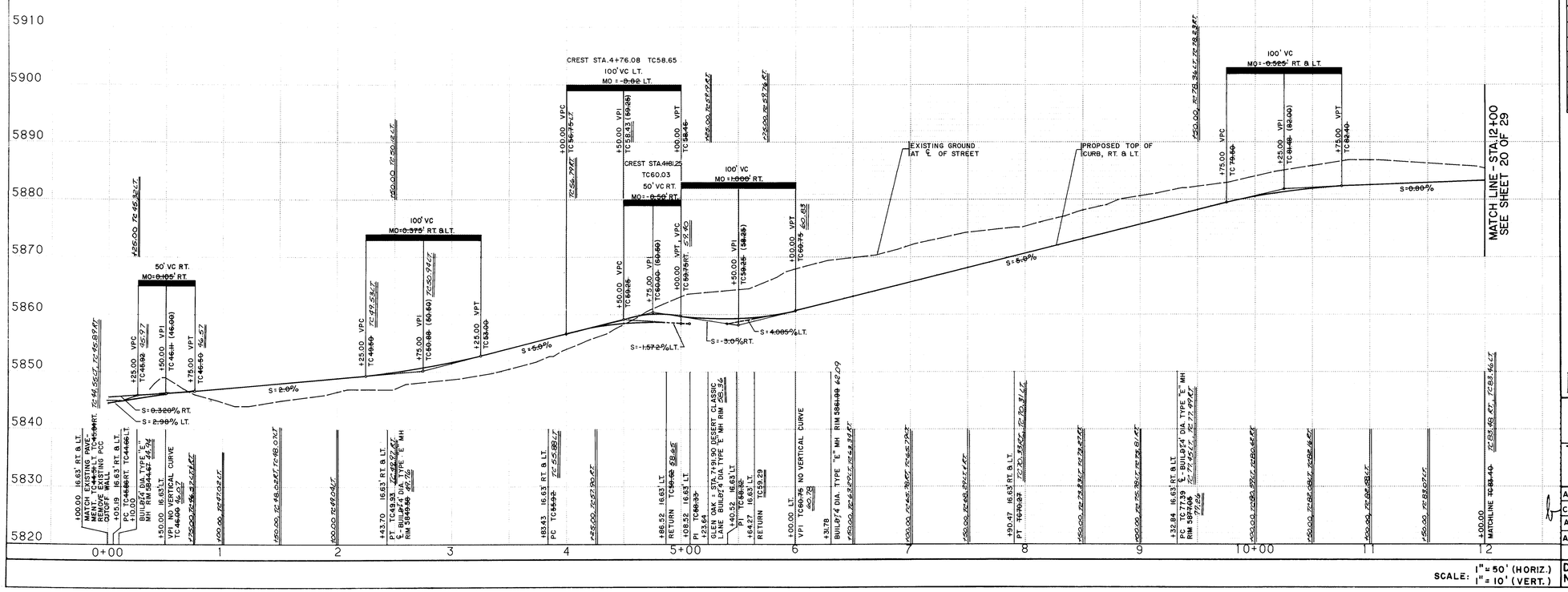
TITLE: DESERT CLASSIC AT TANOAN – PHASE I
PAVING PLAN & PROFILE
WOODMAR / PINE TOP CUL-DE-SACS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	N/A	6-24-87
A.C.E.-Design		6-29-87	Traffic	N/A	6-24-87
A.C.E.-Hydrology		6-24-87	Water	N/A	6-24-87

DRAWING NO. 2479 MAP NO. E-22 SHEET 18 OF 29



GLEN OAK



NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.

NO.	STATION	OFFSET	TC ELEV.	
1	11+95.61	16.62	~~5883.36~~	
2	11+76.74	28.91	~~5882.88~~	*
3	11+72.61	36.03	5882.~~95~~ 88	*
4	11+42.57	56.01	~~5882.61~~	*
5	11+11.72	~~46.47~~	~~5882.45~~	*
6	10+98.20	28.91	~~5882.26~~	*
7	10+79.33	16.62	5882.~~43~~ 67	
8	11+46.53	16.62	~~5882.97~~ 99	**
9	11+49.38	25.53	~~5883.00~~	**
10	11+37.47	30.12	5882.90	**
11	11+25.57	25.53	~~5882.80~~ 85	**
12	11+28.42	16.62	~~5882.83~~ 91	**

* ROLL CURB & GUTTER
** MEDIAN CURB & GUTTER

CURVE DATA				
C	RADIUS	DELTA	TANGENT	LENGTH
A	25.00	57°17'19"	13.66	25.00
B	46.25	141°13'35"	131.44	114.01
C	25.00	57°17'19"	13.66	25.00
D	5.00	141°05'25"	14.16	12.32
E	20.00	81°58'12"	17.38	28.61
F	5.00	141°05'25"	14.16	12.32
G	266.63	4°09'05"	9.66	19.32

RECORD DRAWINGS
DATE JAN 7 1988

WILLIAM L. KRAUSE 6131 REGISTERED PROFESSIONAL ENGINEER 2/3/88

26 2479248 8

AS BUILT INFORMATION
NAME OF CONTRACTOR J.R. HALE DATE 9/87
NAME OF INSPECTOR BHI DATE 1/88
AS BUILT CHANGES BY BHI DATE 1/88
VERIFICATION BY BHI DATE 1/88
CHANGES CHECKED BY BHI DATE 1/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972", ELEVATION 5934.53'.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6-17-87

NO.	DATE	REMARKS	BY

REVISIONS

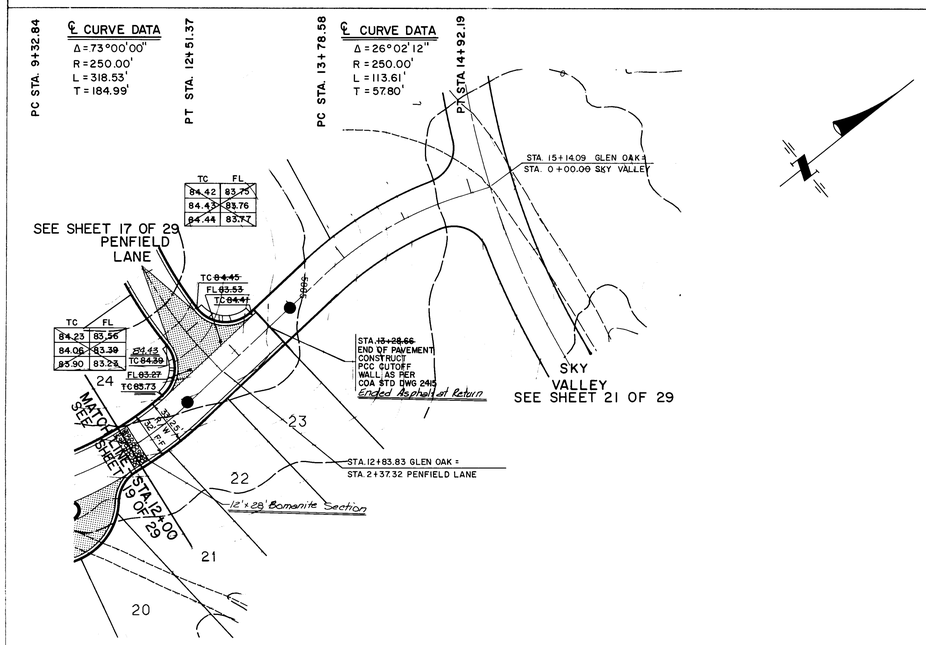
DESIGN		DATE
DESIGNED BY	MLJ/AMT	4/87
DRAWN BY	TG/TL	4/87
CHECKED BY	KLD	4/87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

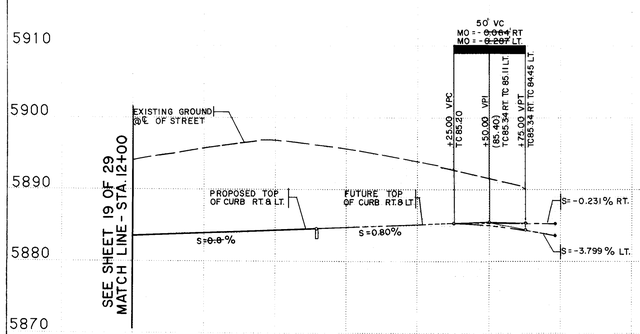
TITLE: DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
GLEN OAK - STA. 0+00 to STA. 12+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	NA	6-24-87
A C E - Design		6-23-87	Traffic	NA	6/24/87
A C E - Hydrology	NA	6-24-87	Water	NA	6-24-87

DRAWING NO. 2479 | MAP NO. E-22 | SHEET 19 OF 29



GLEN OAK



BHI JOB Nº 71263

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

NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO BACK OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
5. ALL ISLAND CONSTRUCTION SHALL CONSIST OF STANDARD MEDIAN CURB AND GUTTER.

AS BUILT INFORMATION
NOTES BY: J.R. HALE DATE 9/87
REDLINES BY: BHI DATE 1/88
REVIEWED BY: BHI DATE 1/88
CERTIFICATION BY: BHI DATE 1/88
DRAWINGS CORRECTED BY: BHI DATE 1/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972", ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6-17-87

REVISIONS
NO. DATE REMARKS BY

DESIGN
DESIGNED BY MLJ/AMT DATE 4/87
DRAWN BY TG/TL DATE 4/87
CHECKED BY KLD DATE 4/87

RECORD DRAWINGS
DATE JAN 7 1988

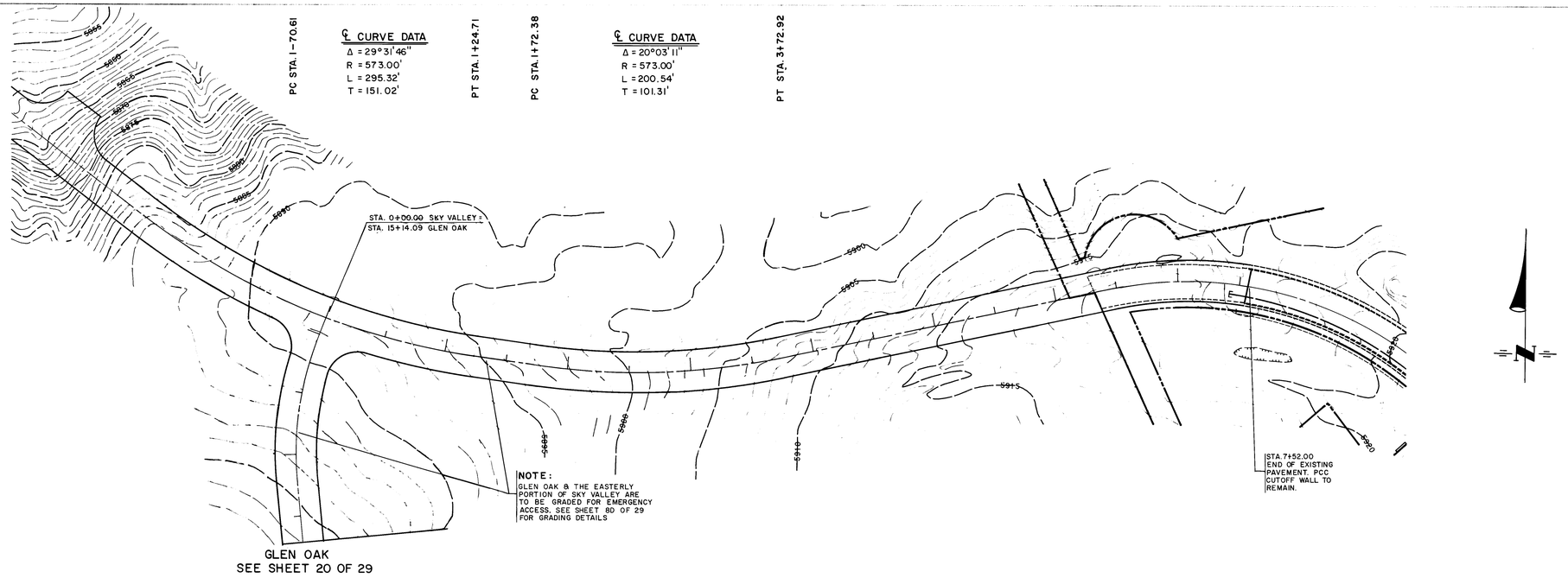
2 6 2 4 7 9 2 5 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

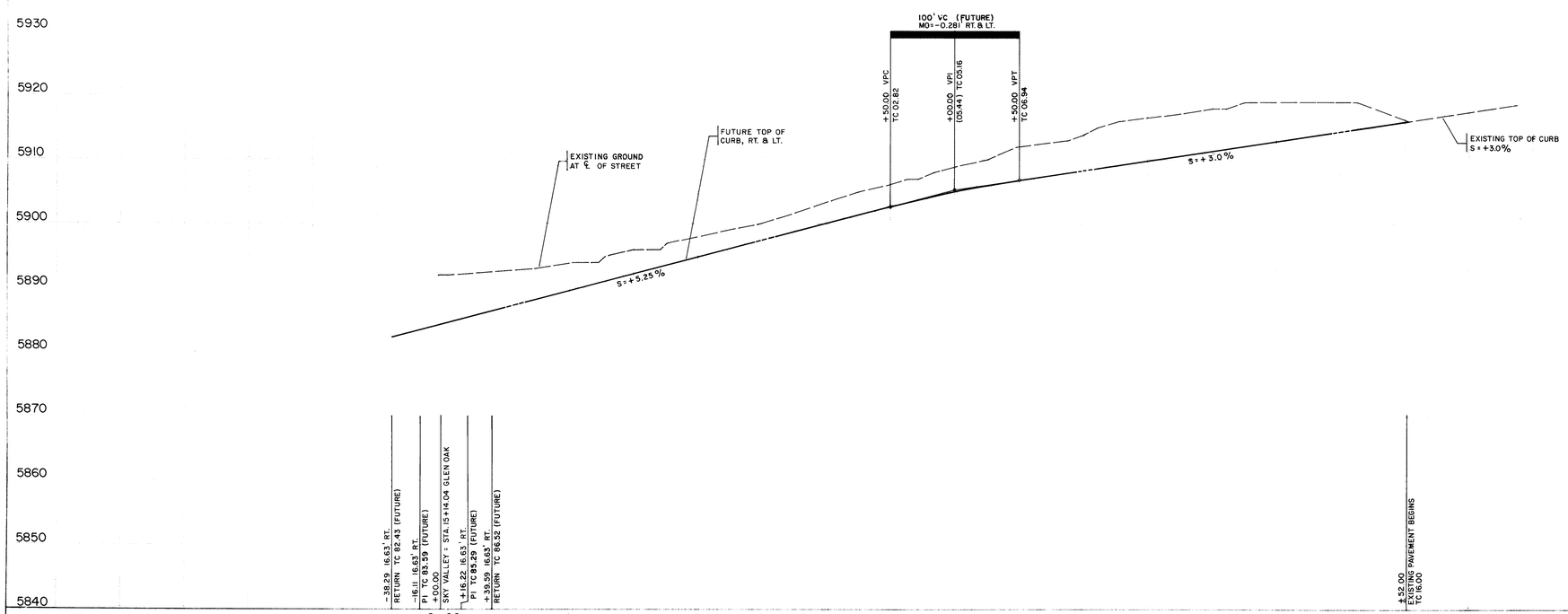
TITLE: DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
GLEN OAK - STA. 12+00 to STA. 16+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	N/A	6-24-87
A C E - Design		6-29-87	Traffic	N/A	6/24/87
A C E - Hydrology	N/A	6-24-87	Water	N/A	6-24-87

DRAWING NO. 2479 MAP NO. E-22 SHEET 20 OF 29



SKY VALLEY



BHI JOB Nº 71263

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

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

ENGINEER'S SEAL

6-17-87

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		MLJ / AMT	DATE 4/87
		SAH	DATE 4/87
		KLD	DATE 4/87

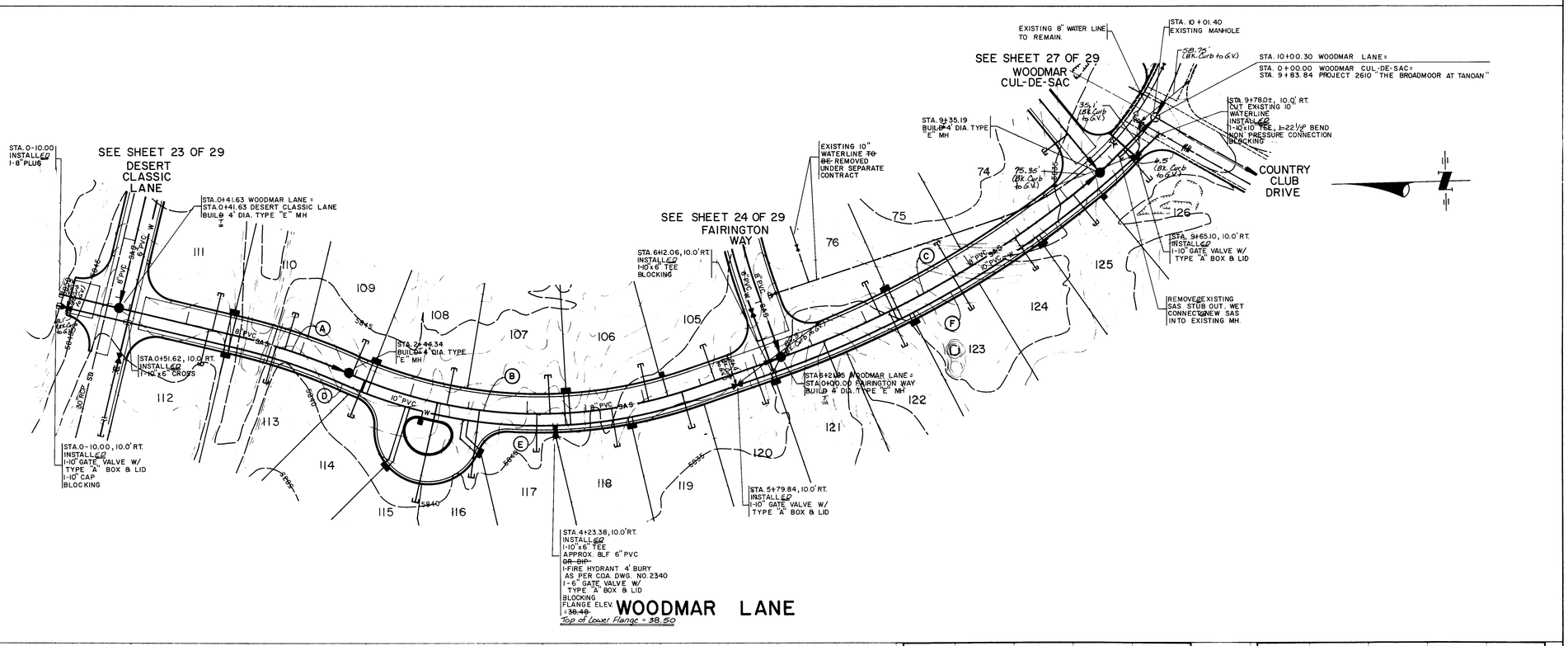
1 2 3 4 5 6 7 8 9 10 11 12
26 24 7 9 2 6 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE DESERT CLASSIC AT TANOAN - PHASE I
PAVING PLAN & PROFILE
SKY VALLEY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/24/87	Liquid Waste	N/A	RJJ 6-24-87
A C E - Design	RHH	6-24-87	Traffic		NATDW# 6/24/87
A C E - Hydrology	NA	CAM 6-24-87	Water	N/A	RJJ 6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	21	29



LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	TOP OF PIPE ~~INV.~~ AT PLUG	
105	5+18.47 LT.	SINGLE	5+63.47 LT.	~~32'~~	~~30.04~~ *	30' 30.24
106	4+34.16 LT.	DOUBLE	5+03.47 LT.	~~32'~~	~~30.98~~ *	30' 31.41
107			4+19.16 LT.	~~32'~~	~~32.30~~ *	30' 32.82
108	2+62.71 LT.	DOUBLE	3+31.93 LT.	~~32'~~	~~33.66~~ *	30' 33.61
109			2+47.71 LT.	~~32'~~	~~34.97~~ *	30' 35.37
110	1+38.25 LT.	DOUBLE	1+86.63 LT.	~~32'~~	~~35.88~~ *	30' 36.28
111			1+23.25 LT.	~~32'~~	~~35.38~~ *	30' 35.74
112	1+38.25 RT.	DOUBLE	1+20.25 RT.	~~32'~~	~~35.01~~ *	30' 35.46
113			1+78.25 RT.	~~32'~~	~~35.92~~ *	30' 36.33
114	2+97.07 RT.	DOUBLE	2+61.23 RT.	~~33'~~	~~34.70~~ *	30' 35.00
115			3+24.00 RT.	~~86'~~	~~33.45~~ *	83' 33.69

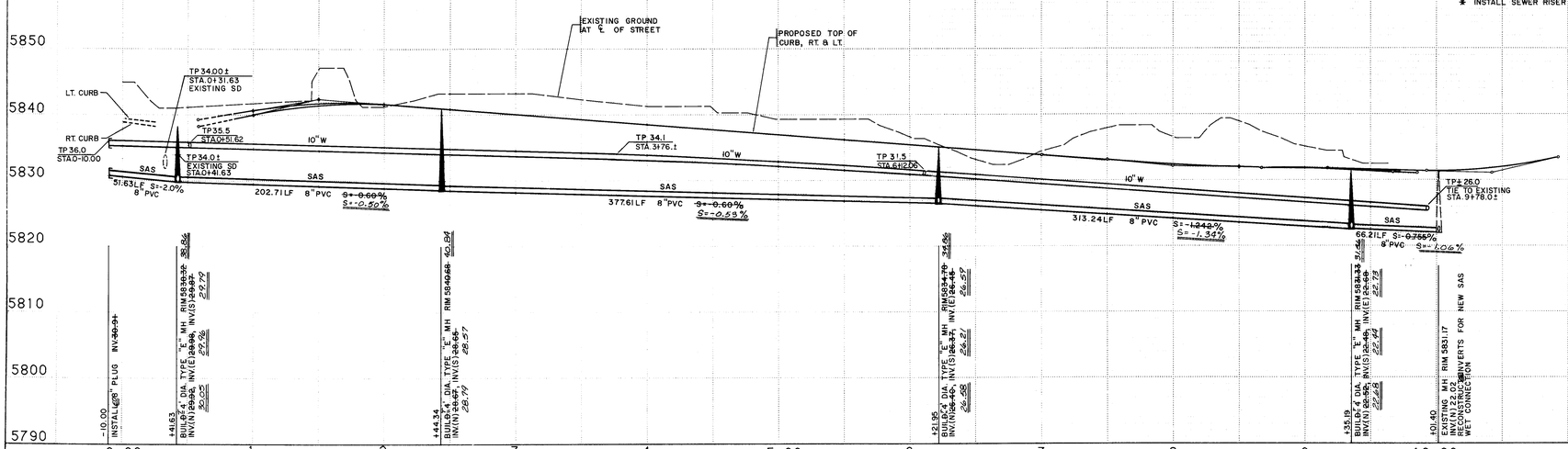
WATER & SEWER SERVICES

* INSTALL SEWER RISER AS PER C.O.A. DWG. NO. 2136

LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	TOP OF PIPE ~~INV.~~ AT PLUG	
116	3+63.73 RT.	DOUBLE	3+60.38 RT.	57'	32.77 *	
117			4+06.38 RT.	~~32'~~	~~31.47~~ *	30' 31.85
118	4+86.14 RT.	DOUBLE	4+71.14 RT.	~~32'~~	~~30.48~~ *	30' 30.85
119			5+32.51 RT.	~~32'~~	~~30.63~~ *	30' 30.75
120	6+11.25 RT.	DOUBLE	5+96.25 RT.	~~32'~~	~~29.63~~ *	30' 29.82
121			6+59.68 RT.	32'	29.54	
122	7+36.72 RT.	DOUBLE	7+21.72 RT.	~~32'~~	~~28.62~~	30' 28.90
123			7+83.71 RT.	~~32'~~	~~27.85~~	30' 27.96
124	8+60.68 RT.	DOUBLE	8+45.68 RT.	~~32'~~	~~27.36~~	30' 27.50
125			9+07.72 RT.	~~32'~~	~~27.00~~ *	30' 27.03
126	9+22.72 RT.	SINGLE	9+62.72 RT.	~~32'~~	~~24.84~~ *	30' 24.80
75	7+27.59 LT.	DOUBLE	7+85.42 LT.	~~32'~~	~~27.83~~	30' 27.89
76			7+12.59 LT.	~~32'~~	~~28.74~~	30' 28.86

WATER & SEWER SERVICES

* INSTALL SEWER RISER AS PER C.O.A. DWG. NO. 2136



BHI JOB Nº 71263

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

NOTE

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

SANITARY SEWER CURVE DATA

(A) PC STA. 1+46.03
PT STA. 2+44.34
Δ = 10° 28' 55"
R = 537.39'
L = 98.31'
T = 49.29'

(B) PC STA. 2+44.34
PT STA. 5+44.08
Δ = 42° 56' 06"
R = 400.00'
L = 299.74'
T = 157.30'

(C) PC STA. 6+11.26
PT STA. 9+28.72
Δ = 20° 59' 50"
R = 866.27'
L = 317.46'
T = 160.53'

WATERLINE CURVE DATA

(D) PC STA. 1+46.03
PT STA. 2+44.34
Δ = 10° 28' 55"
R = 527.39'
L = 96.48'
T = 48.38'

(E) PC STA. 2+44.34
PT STA. 5+44.08
Δ = 42° 56' 06"
R = 410.00'
L = 307.24'
T = 161.23'

(F) PC STA. 6+12.06
PT STA. 9+28.72
Δ = 25° 19' 54"
R = 876.27'
L = 387.42'
T = 196.93'

RECORD DRAWINGS
DATE JAN 1986

WILLIAM L. VEEN
NEW MEXICO
8141
REGISTERED PROFESSIONAL ENGINEER
2/3/88

2 6 2 4 7 9 2 7 8 8

AS BUILT INFORMATION		
AS BUILT CHANGES, IF ANY, INSPECTOR'S NAME	J.R. HALE	
AS BUILT CHANGES BY	BHI	DATE 9/87
AS BUILT PLANS REVIEWED BY	KBR	DATE 2/88
AS BUILT INFORMATION BY	BHI	DATE 1/88
AS BUILT CHANGES CHECKED BY	BHI	DATE 1/88
MICRO-FILM INFORMATION		
MICROFILMED BY		DATE
RECEIVED BY		
NO.		

BENCH MARKS

THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE. THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

ENGINEER'S SEAL

6-17-87

NO.	DATE	REMARKS	BY

REVISIONS

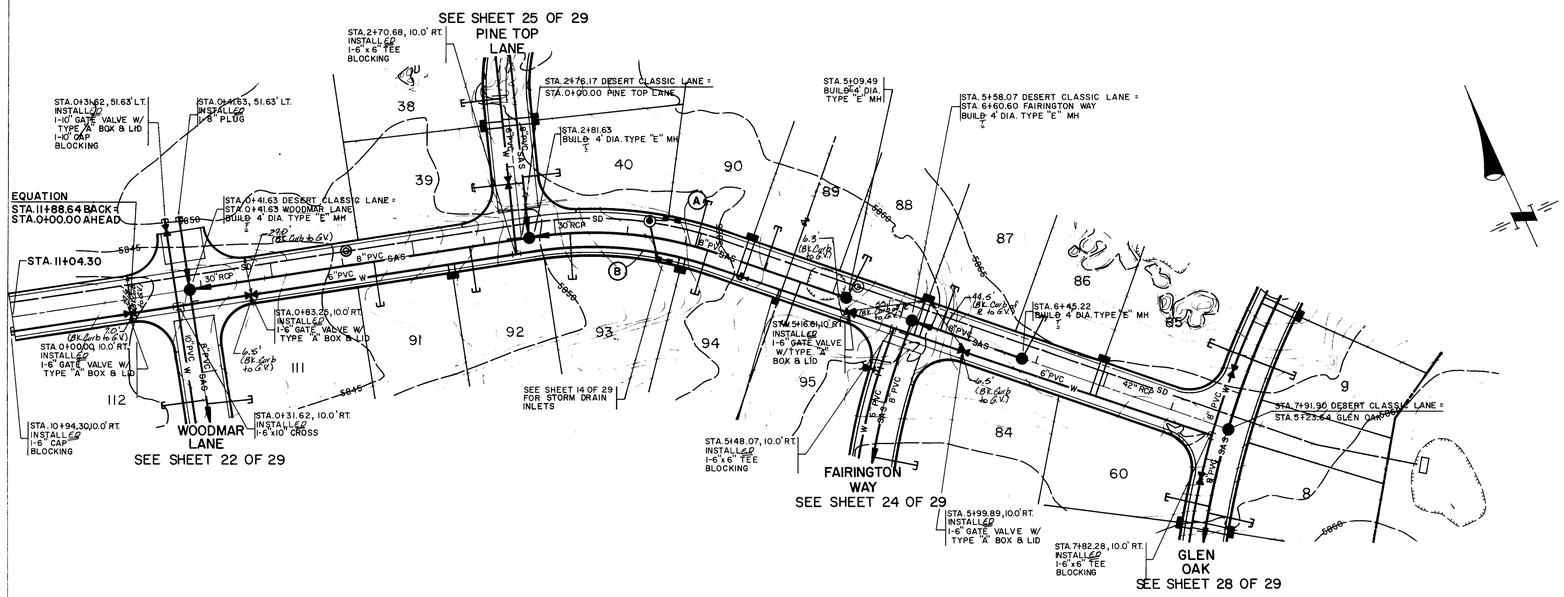
		DATE
DESIGNED BY	MLJ/AMT	4/87
DRAWN BY	TG/TL	4/87
CHECKED BY	KLD	4/87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
UTILITY PLAN & PROFILE
WOODMAR LANE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste		6-24-87
A.C.E.-Design		6-29-87	Traffic	NA	6-24-87
A.C.E.-Hydrology	NA	6-24-87	Water		6-24-87

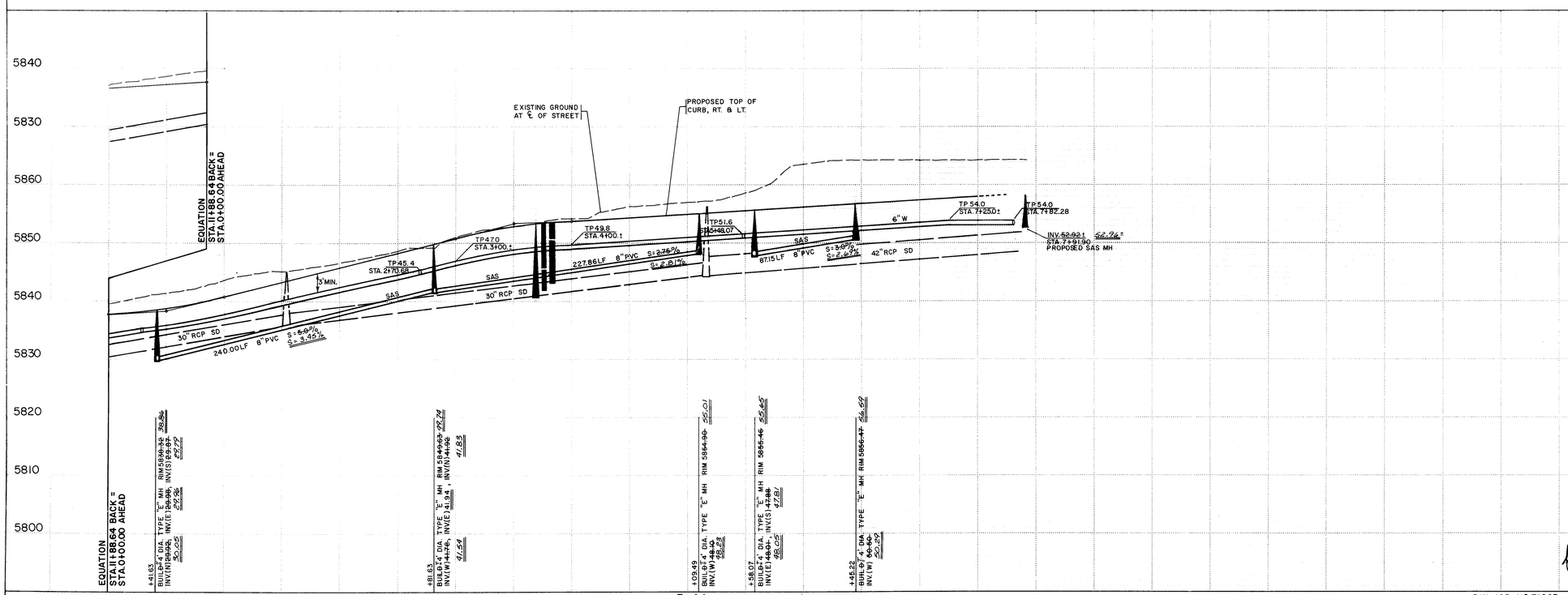
DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	22	29



DESERT CLASSIC LANE

LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	TOP OF PIPE ~~INV. AT PLUG~~	
85	6+94.63 LT.	DOUBLE	—	—	—	
86			6+45.22 LT.	32'	~~51.06~~	51.44
87	5+64.63 LT.	DOUBLE	5+79.63 LT.	32'	~~51.06~~	51.48
88			5+09.49 LT.	32'	~~50.30~~	50.66
89	4+34.63 LT.	DOUBLE	4+49.63 LT.	32'	~~49.56~~	49.89
90			3+91.17 LT.	32'	~~48.86~~	49.21
91	2+24.83 RT.	DOUBLE	1+73.25 RT.	32'	~~39.56~~	39.80
92			2+39.83 RT.	32'	~~41.89~~	42.22
93	3+92.31 RT.	DOUBLE	3+10.25 RT.	32'	~~45.39~~	45.85
94			4+07.31 RT.	32'	~~49.07~~	49.40
95	4+61.46 RT	SINGLE	4+76.46 RT.	32'	~~49.87~~	50.25

WATER & SEWER SERVICES



BHI JOB Nº 71263

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

NOTE

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

SANITARY SEWER CURVE DATA

(A) PC STA.2+83.78
PT STA.4+14.88
Δ = 27° 49' 13"
R = 270.00'
L = 131.10'
T = 66.87'

WATERLINE CURVE DATA

(B) PC STA.2+83.78
PT STA.4+14.88
Δ = 27° 49' 13"
R = 260.00'
L = 126.25'
T = 64.39'

WILLIAM L. VAN DEUSEN 8131 REGISTERED PROFESSIONAL ENGINEER 2/3/88

RECORD DRAWINGS
DATE JAN 7 1988

1 2 3 4 5 6 7 8 9 10 11 12
26 2479 2888

AS BUILT INFORMATION
NOTED BY J.R. HALE DATE 9/87
PLOTTED BY BHI DATE 2/88
INSPECTED BY RBR DATE 2/88
ELEVATION BY BHI DATE 1/88
CHECKED BY BHI DATE 1/88
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6-17-87

NO.	DATE	REMARKS	BY

REVISIONS

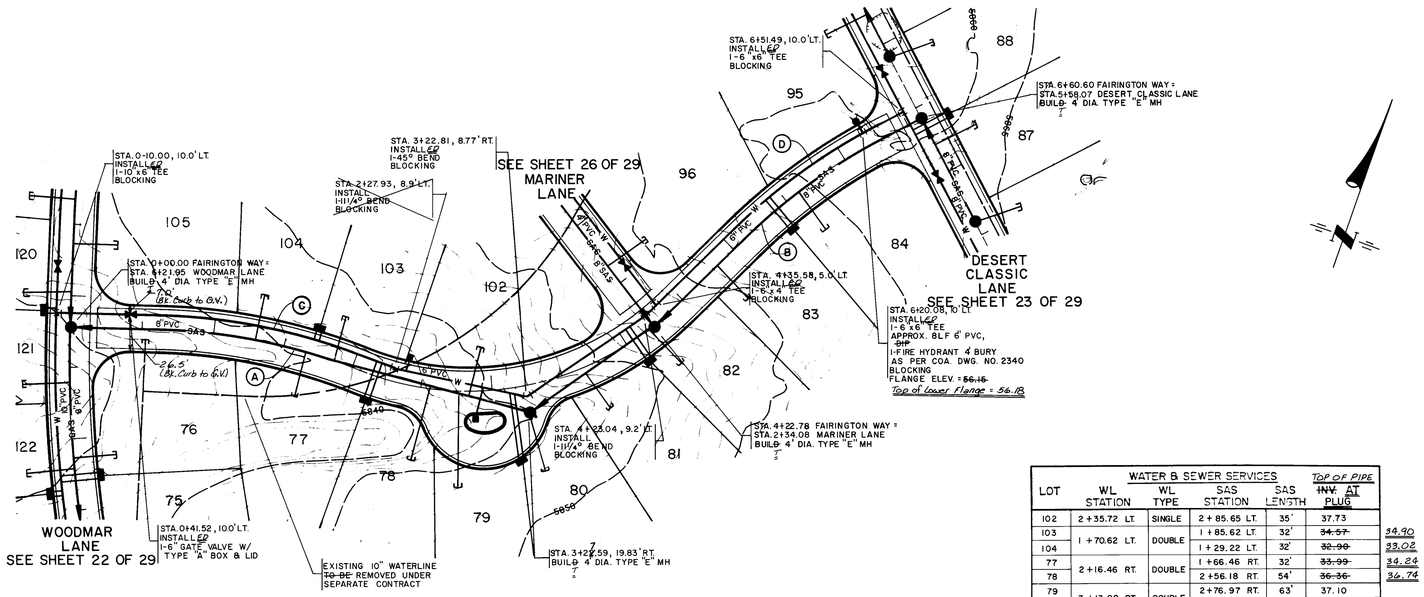
DESIGN			
DESIGNED BY	MLJ/AMT	DATE	4/87
DRAWN BY	TG/TL	DATE	4/87
CHECKED BY	KLD	DATE	4/87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
UTILITY PLAN & PROFILE
DESERT CLASSIC LANE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste		6-24-87
A.C.E.-Design		6-24-87	Traffic		6/24/87
A.C.E.-Hydrology		6-24-87	Water		6-24-87

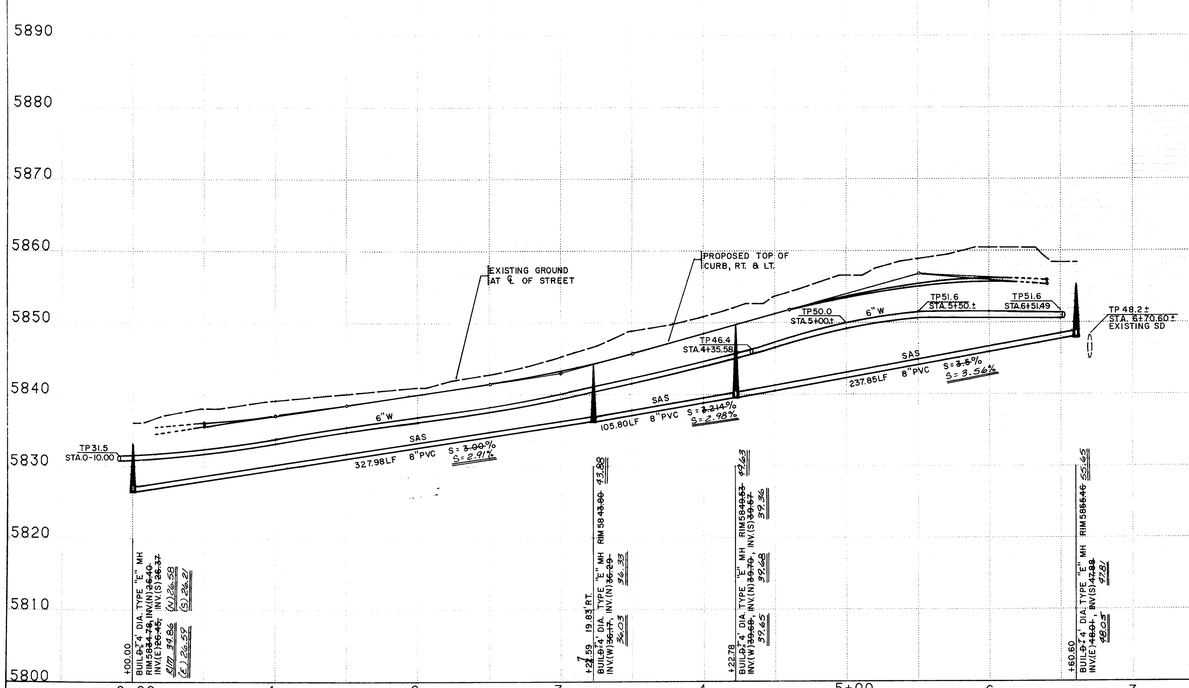
DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	23	29



LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	TOP OF PIPE ~~INV.~~ AT PLUG	
102	2+35.72 LT.	SINGLE	2+85.65 LT.	35'	37.73	
103	1+70.62 LT.	DOUBLE	1+85.62 LT.	32'	~~34.57~~	34.90
104			1+29.22 LT.	32'	~~32.90~~	33.02
77	2+16.46 RT.	DOUBLE	1+66.46 RT.	32'	~~33.99~~	34.24
78			2+56.18 RT.	54'	~~36.36~~	36.74
79	3+13.92 RT.	DOUBLE	2+76.97 RT.	63'	37.10	
80			3+22.59 RT.	43'	39.04	
81	4+06.80 RT	DOUBLE	3+66.30 RT.	28'	~~41.71~~ *	41.95
82			4+21.80 RT.	32'	~~44.82~~ *	45.25
83	5+14.33 RT.	DOUBLE	4+84.16 RT.	32'	~~47.21~~ *	47.66
84			5+61.33 RT.	32'	~~49.74~~ *	50.40

WATER & SEWER SERVICES

* INSTALL SEWER RISER AS PER C.O.A. DWG. NO. 2136



BHI JOB Nº 71263

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

NOTE

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

SANITARY SEWER CURVE DATA

(A) PC STA. 0+62.06
PT STA. 1+61.92
Δ = 13° 59' 20"
R = 409.00'
L = 99.86'
T = 50.18'

(B) PC STA. 5+10.78
PT STA. 6+30.94
Δ = 16° 47' 33"
R = 410.00'
L = 120.16'
T = 60.52'

WATERLINE CURVE DATA

(C) PC STA. 0+62.06
PT STA. 2+06.24
Δ = 20° 11' 51"
R = 419.00'
L = 147.70'
T = 74.63'

(D) PC STA. 5+10.78
PT STA. 6+30.94
Δ = 16° 47' 33"
R = 420.00'
L = 123.09'
T = 61.99'

AS BUILT INFORMATION
INSPECTOR J.R. HALE
PLANS PREPARED BY BHI DATE 9/87
INSPECTOR'S FIELD CHANGES BY RBR DATE 2/88
FIELD CHANGES BY BHI DATE 1/88
FIELD VERIFICATION BY BHI DATE 1/88
CORRECTED BY MICRO-FILM INFORMATION DATE
RECORDED BY DATE
NO

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD, NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6-17-87

WILLIAM L. VAN DEVENTER 8131 2/3/88 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

RECORD DRAWINGS
DATE JAN 7 1988

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN		
DESIGNED BY	MLJ/AMT	DATE 4/87
DRAWN BY	TG/TL	DATE 4/87
CHECKED BY	KLD	DATE 4/87

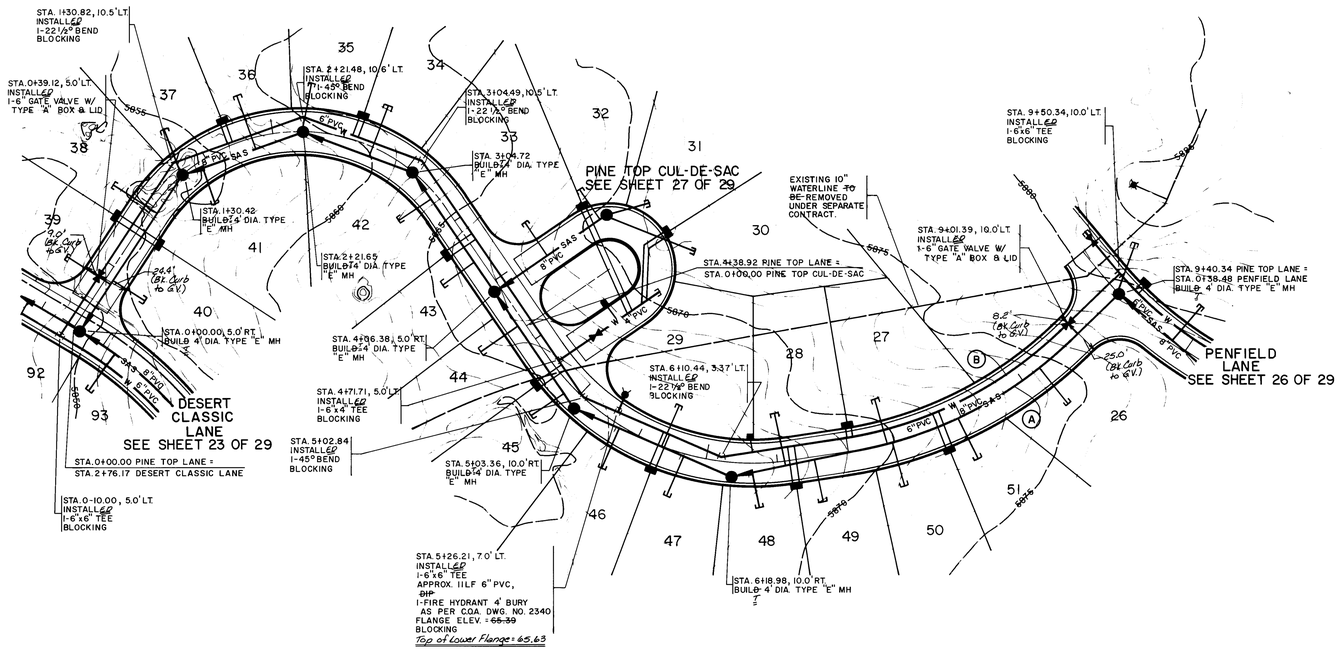
1 2 3 4 5 6 7 8 9 10 11 12
26 24 7 9 2 9 8 8

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
UTILITY PLAN & PROFILE
FAIRINGTON WAY

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	RH Tanner	6-24-87
A.C.E.-Design	TWH	6-24-87	Traffic	NADWH	6-24-87
A.C.E.-Hydrology	NA CAM	6-24-87	Water	RH Tanner	6-24-87

DRAWING NO. 2479 MAP NO. E-22 SHEET 24 OF 29



WATER & SEWER SERVICES						
LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	~~INV.~~ TOP OF PIPE AT PLUG	
26	—	—	8+65.85 RT.	32'	~~72.01~~	73.24
40	0+80.40 RT.	DOUBLE	0+42.12 RT.	27'	~~45.65~~	46.19
41			1+44.85 RT.	27'	~~47.30~~	47.82
42	3+66.13 RT.	DOUBLE	3+26.13 RT.	27'	~~52.94~~	53.12
43			3+81.13 RT.	27'	~~54.92~~	54.14
44	4+75.97 RT.	DOUBLE	4+36.58 RT.	27'	~~56.92~~	57.29
45			4+91.49 RT.	25'	~~58.89~~	59.37
46	5+67.07 RT.	DOUBLE	5+34.58 RT.	30'	~~60.44~~	60.64
47			5+82.07 RT.	31'	~~62.15~~	62.92
48	6+61.03 RT.	DOUBLE	6+28.86 RT.	25'	~~63.84~~	64.10
49			6+76.03 RT.	30'	~~65.64~~	65.91
50	7+83.97 RT.	DOUBLE	7+48.59 RT.	32'	~~67.53~~	67.85
51			7+98.97 RT.	32'	~~69.34~~	69.66
27	7+19.89 LT.	DOUBLE	7+45.59 LT.	32'	~~67.42~~	67.77
28			6+55.32 LT.	35'	~~64.79~~	65.21
29	6+33.67 LT.	SINGLE	5+67.88 LT.	32'	~~61.64~~	62.00
34	2+58.71 LT.	DOUBLE	2+70.62 LT.	38'	~~50.94~~	51.34
35			2+21.65 LT.	32'	~~49.40~~	49.86
36	1+70.57 LT.	DOUBLE	1+85.16 LT.	40'	~~48.24~~	48.75
37			1+30.42 LT.	33'	~~47.12~~	47.54
38	0+80.36 LT.	DOUBLE	0+95.36 LT.	37'	~~46.47~~	46.87
39			0+39.12 LT.	37'	~~45.08~~	45.43

NOTE

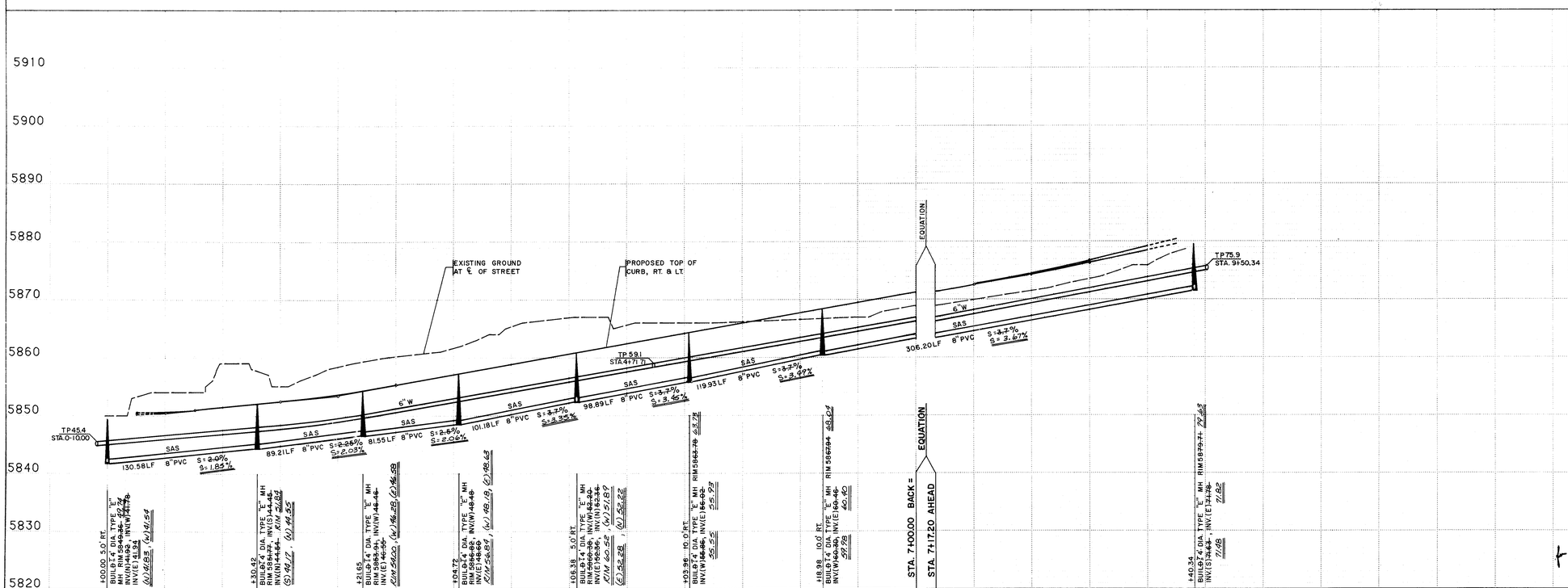
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

SANITARY SEWER CURVE DATA

(A)
PC STA. 6+98.14
PT STA. 8+93.44
Δ = 32° 20' 38"
R = 287.00'
L = 162.01'
T = 83.23'

WATERLINE CURVE DATA

(B)
PC STA. 6+98.14
PT STA. 8+93.44
Δ = 35° 33' 20"
R = 277.00'
L = 171.89'
T = 88.82'



RECORD DRAWINGS
DATE JAN 7 1988

26 24 7 9 3 0 8 8

SURVEY INFORMATION			
FIELD NOTES			
NO	BY	DATE	

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE. THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972", ELEVATION 5934.53'

AS BUILT INFORMATION		
CONTRACTOR	J.R. HALE	DATE 9/87
WORK STAKED BY	BHI	DATE 2/88
INSPECTOR'S AS-BUILT CHECK BY	RBR	DATE 2/88
VERIFICATION BY	BHI	DATE 1/88
COMPUTED BY	BHI	DATE 1/88
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO		

ENGINEER'S SEAL

6-17-87

NO	DATE	REMARKS	BY
		REVISIONS	

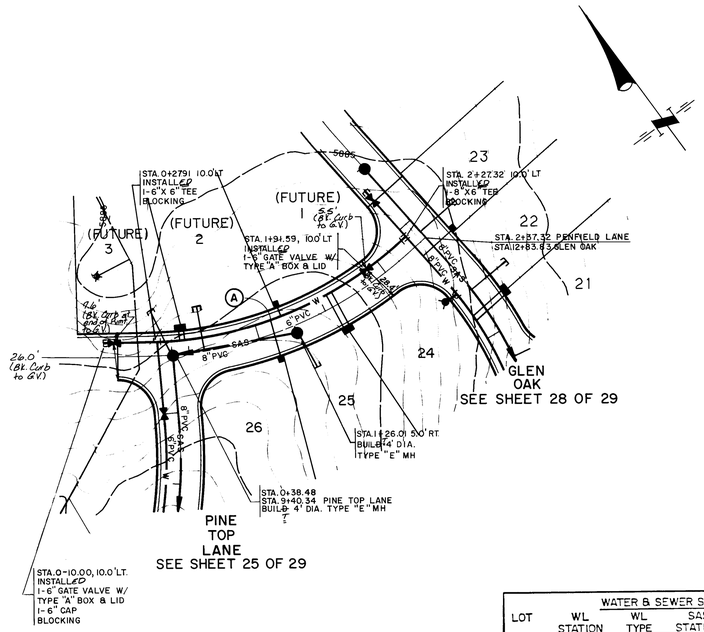
DESIGN		
DESIGNED BY	MLJ	DATE 4/87
DRAWN BY	TG	DATE 4/87
CHECKED BY	KLD	DATE 4/87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
UTILITY PLAN & PROFILE
PINE TOP LANE

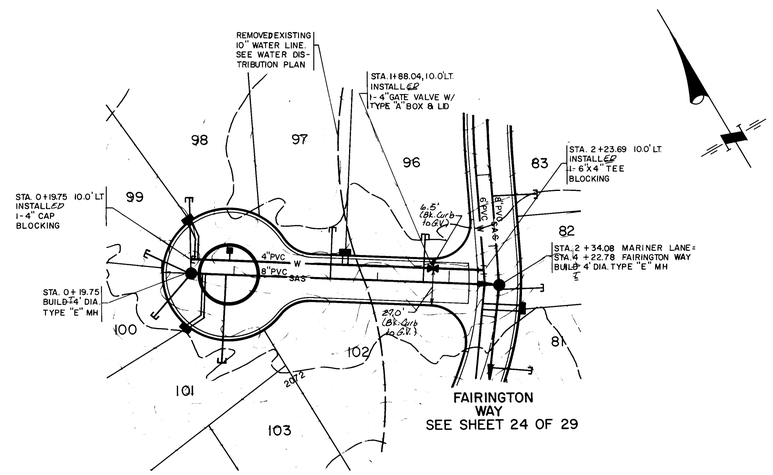
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	RJ Daugherty	6-24-87
A.C.E.-Design		6-29-87	Traffic	WADWH	6/24/87
A.C.E.-Hydrology	AA CAM	6-24-87	Water	RJ Daugherty	6-24-87

DRAWING NO.	MAP NO.	SHEET	OF
2479	E-22	25	29



PENFIELD LANE

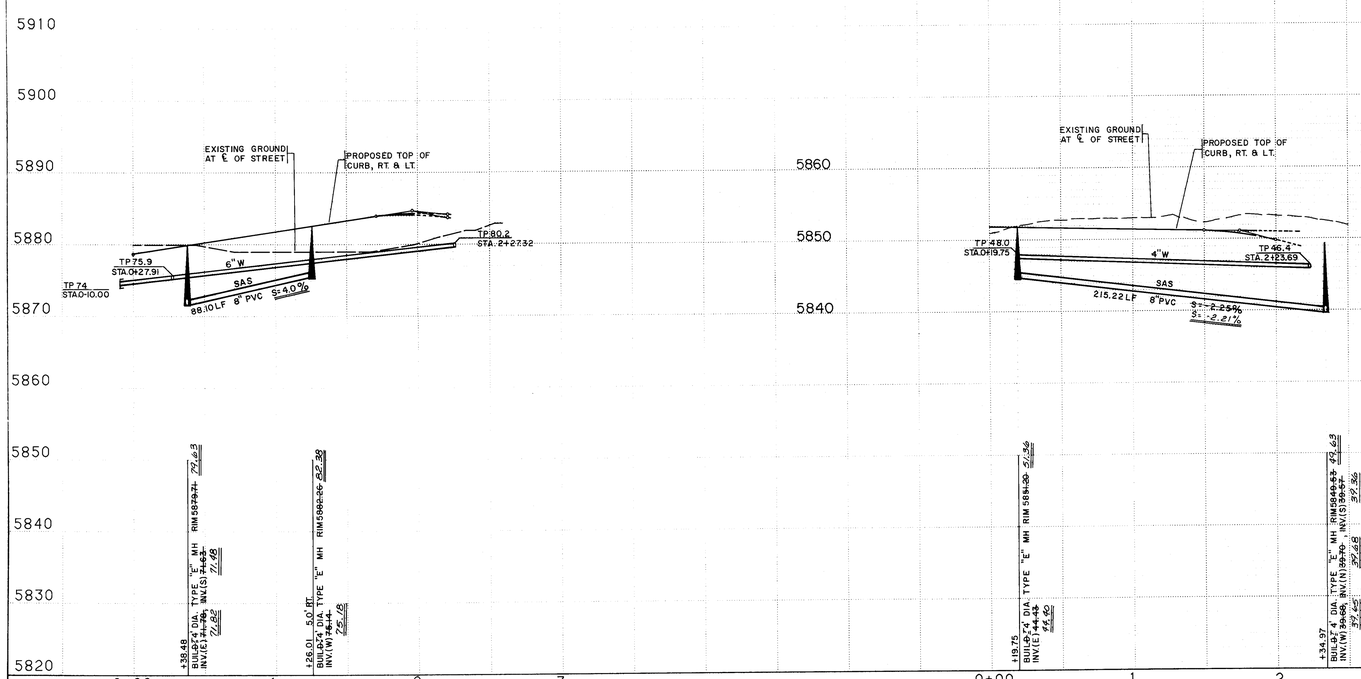
WATER & SEWER SERVICES					
LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	INV. AT PLUG
1	1+17.75 LT.	SINGLE	—	—	—
2	0+46.82 LT.	DOUBLE	0+61.82 LT.	32'	75.76
3			0+38.48 LT.	35'	74.85
26	1+12.11 RT.	DOUBLE	—	—	—
25			1+26.01 RT.	30'	77.74
24	1+57.54 RT.	SINGLE	—	—	—



MARINER LANE

WATER & SEWER SERVICES					TOP OF PIPE	
LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	~~INV.~~ AT PLUG	
96	1+27.20 LT.	DOUBLE	1+82.20 LT.	32'	~~44.72~~ *	45.07
97			1+17.21 LT.	32'	~~45.04~~ *	45.36
98	0+17.73 LT.	DOUBLE	0+19.75 LT.	54'	~~45.55~~	45.98
99			0+19.75 LT.	36'	~~45.10~~	45.58
100	0+19.76 RT.	DOUBLE	0+19.75 RT.	40'	~~46.60~~	46.99
101			0+44.64 RT.	62'	~~46.41~~	46.90

* INSTALL SEWER RISER AS PER COA. DWG. NO. 2136



BHI JOB Nº 71263

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

NOTE

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

WATERLINE CURVE DATA

(A)
PC STA. 0+27.91
PT STA. 2+18.44
Δ = 40° 55' 00"
R = 265.00'
L = 189.24'
T = 98.86'

WILLIAM L. VO... 8131 REGISTERED PROFESSIONAL ENGINEER 2/17/88

RECORD DRAWINGS
DATE MAR 7 1988

26 | 24793 | 88

AS BUILT INFORMATION
INSPECTOR J.R. HALE DATE 9/87
NOTES BY BHI DATE 2/88
FIELD CHANGES BY RBZ DATE 2/88
FIELD VERIFICATION BY BHI DATE 1/88
DRAWINGS CORRECTED BY BHI DATE 1/88
MICRO-FILM INFORMATION
RECEIVED BY
DATE
NO

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
6-17-87

REVISIONS
NO. | DATE | REMARKS | BY

DESIGN
DESIGNED BY ML J / AMT DATE 4/87
DRAWN BY TG / TL DATE 4/87
CHECKED BY KLD DATE 4/87

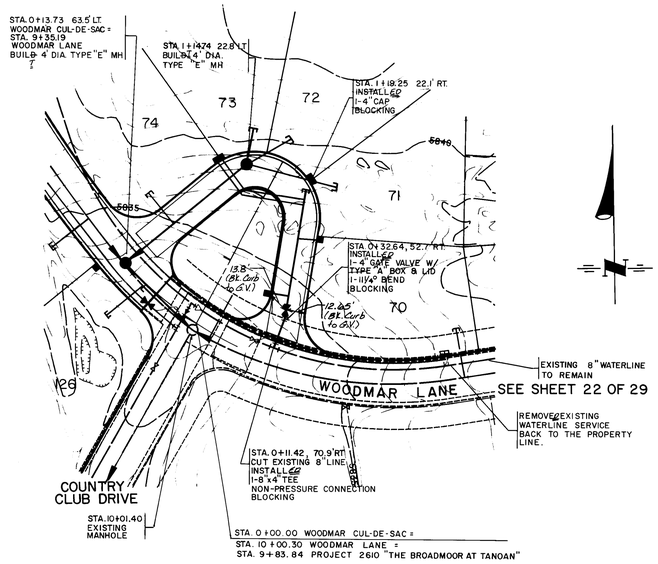
CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
UTILITY PLAN & PROFILE
PENFIELD LANE / MARINER LANE

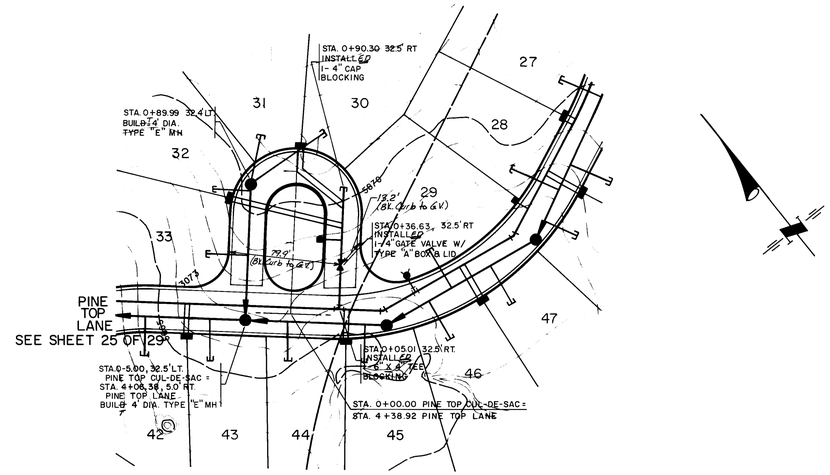
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	RJ Traugh	6-24-87
A C E - Design		6-29-87	Traffic	NA DWH	6-24-87
A C E - Hydrology	NA CAM	6-24-87	Water	RJ Traugh	6-24-87

DRAWING NO. 2479 | MAP NO. E-22 | SHEET 26 OF 29

BRUNING 62276



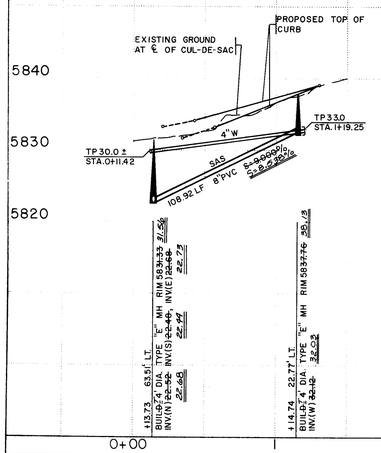
WOODMAR CUL-DE-SAC

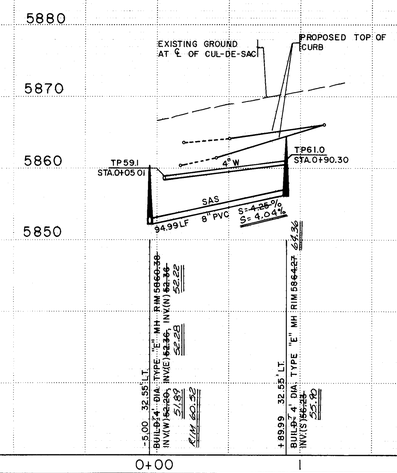


PINE TOP CUL-DE-SAC

LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	INV. AT PLUG	
WATER & SEWER SERVICES						
—	—	—	—	—	—	
71	1+25.34 RT.	DOUBLE	1+14.74 RT.	~~66'~~	~~33.62~~	68.5' 33.86
72			1+14.74 LT.	~~36'~~	~~33.02~~	37' 33.34
73	1+08.58 LT.	DOUBLE	1+14.74 LT.	~~24'~~	~~32.78~~	22.5' 33.13
74			0+53.54 LT.	29'	28.34	Buried

LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	TOP OF PIPE ~~INV.~~ AT PLUG	
WATER & SEWER SERVICES						
30	1+16.23 RT.	DOUBLE	0+89.99 RT.	~~64'~~	~~61.06~~	54' 61.46
31			0+89.99 LT.	~~36'~~	~~60.38~~	26' 60.69
32	0+79.34 LT.	DOUBLE	0+84.99 LT.	~~27'~~	~~58.97~~	25' 59.40
33			0+39.82 LT.	~~29'~~	55.75	20'





BHI JOB Nº 71263

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

NOTE

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

AS BUILT INFORMATION
J.R. HALE
BHI DATE 9/87
RBR DATE 2/88
BHI DATE 1/88
BHI DATE 1/88
MICRO-FILM INFORMATION
DATE
NO

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 1.54972" ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6-17-87

REVISIONS
NO. DATE REMARKS BY

DESIGN
DESIGNED BY MLJ/AMT DATE 4/87
DRAWN BY TG/TL DATE 4/87
CHECKED BY KLD DATE 4/87

RECORD DRAWINGS
DATE JAN 7 1988

2/3/88

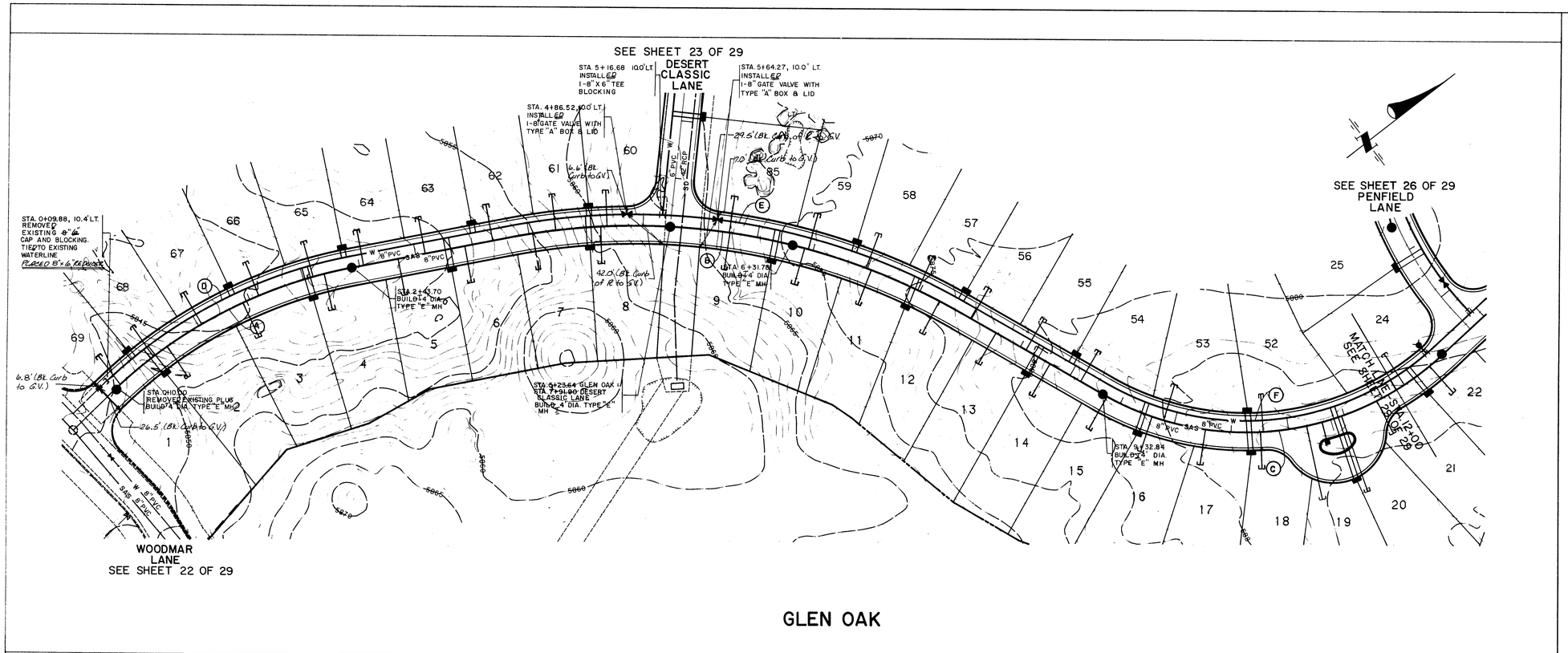
1 2 3 4 5 6 7 8 9 10 11 12
2.6 2479 3288

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
UTILITY PLAN & PROFILE
WOODMAR/PINE TOP CUL-DE-SACS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/6/87	Liquid Waste		6-24-87
A C E - Design		6-29-87	Traffic	NADWH	6/24/87
A C E - Hydrology	NA CAM	6-24-87	Water		6-24-87

DRAWING NO. 2479 MAP NO. E-22 SHEET 27 OF 29



GLEN OAK

WATER & SEWER SERVICES					TOP OF PIPE ~~INV.~~ AT PLUG	
LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH		
1	0+52.45 RT.	DOUBLE	—	—	—	
2			~~0+67.45~~ RT.	~~32'~~ 30'	~~41.04~~	0+68.08 42.30
3	2+03.73 RT.	DOUBLE	~~1+44.18~~ RT	~~32'~~ 30'	~~42.88~~	1+44.81 43.12
4			~~2+18.73~~ RT.	~~32'~~ 30'	~~44.37~~	2+19.36 44.52
5	3+28.61 RT.	DOUBLE	2+85.61 RT	32'	46.26 *	
6			3+43.61 RT.	~~32'~~ 30'	~~48.93~~ *	49.05
7	4+52.59 RT.	DOUBLE	~~4+02.21~~ RT	~~32'~~ 30'	51.86 *	3+78.80
8			~~4+62.59~~ RT.	~~32'~~ 30'	~~53.70~~ *	4+68.05 54.03
9	6+16.40 RT.	DOUBLE	5+76.40 RT.	32'	~~54.73~~ *	55.60
10			6+41.62 RT.	32'	~~57.83~~	58.17
11	7+43.93 RT.	DOUBLE	7+03.93 RT	32'	~~60.95~~	61.31
12			7+70.94 RT.	32'	~~64.30~~	64.83
13	8+65.94 RT.	DOUBLE	8+25.94 RT	32'	~~67.05~~	67.45
14			8+80.94 RT	32'	~~69.80~~	70.29
15	9+73.42 RT	DOUBLE	9+37.84 RT.	32'	~~72.64~~	72.83
16			9+80.42 RT.	32'	~~74.76~~ *	75.12
17	10+76.62 RT.	DOUBLE	10+27.62 RT.	32'	~~76.65~~ *	76.97
18			10+76.78 RT.	32'	~~77.41~~ *	77.86

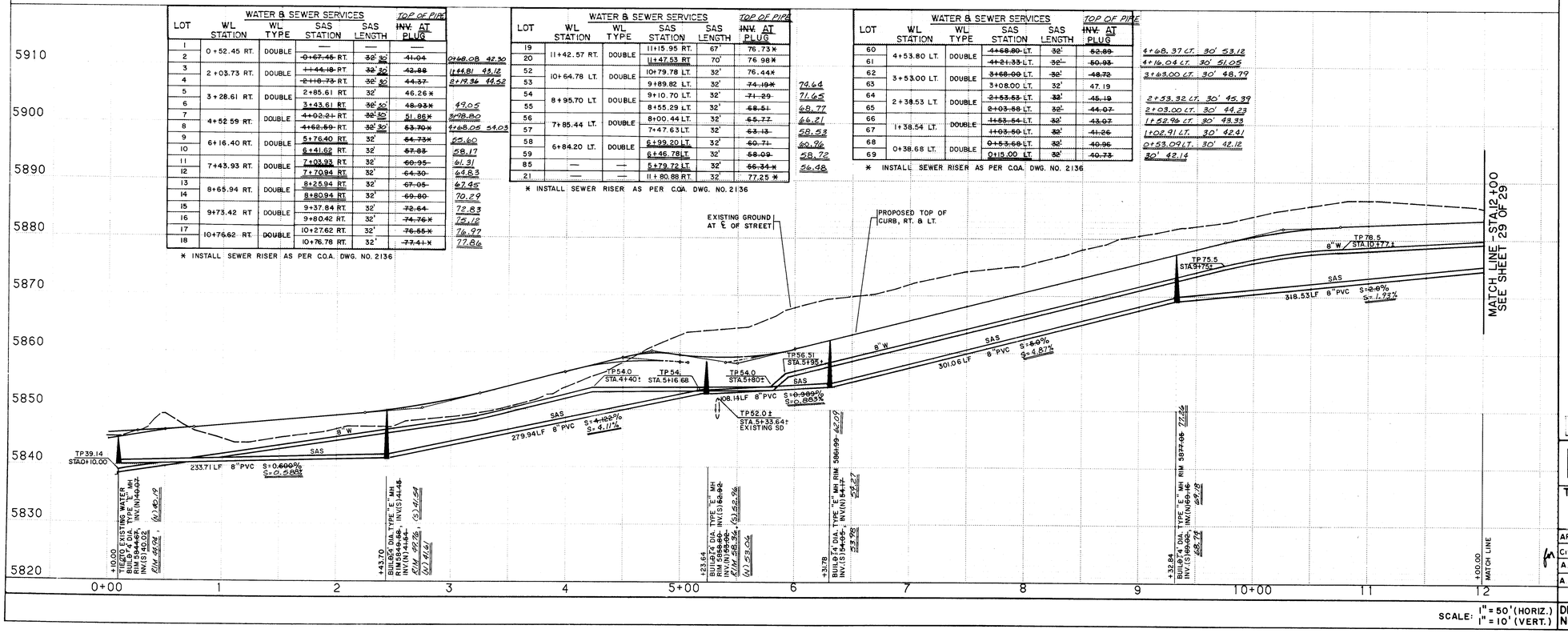
* INSTALL SEWER RISER AS PER C.O.A. DWG. NO. 2136

WATER & SEWER SERVICES					TOP OF PIPE ~~INV.~~ AT PLUG	
LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH		
19	11+42.57 RT.	DOUBLE	11+15.95 RT.	67'	76.73 *	
20			11+47.53 RT	70'	76.98 *	
52	10+64.78 LT.	DOUBLE	10+79.78 LT.	32'	76.44 *	
53			9+89.82 LT.	32'	~~74.19~~ *	74.64
54	8+95.70 LT	DOUBLE	9+10.70 LT.	32'	~~71.29~~	71.65
55			8+55.29 LT.	32'	~~68.51~~	68.77
56	7+85.44 LT.	DOUBLE	8+00.44 LT.	32'	~~65.77~~	66.21
57			7+47.63 LT.	32'	~~63.13~~	58.53
58	6+84.20 LT.	DOUBLE	6+99.20 LT.	32'	~~60.71~~	60.96
59			6+46.78 LT.	32'	~~58.09~~	58.72
85	—	—	5+79.72 LT.	32'	~~56.34~~ *	56.48
21	—	—	11+80.88 RT.	32'	77.25 *	

* INSTALL SEWER RISER AS PER C.O.A. DWG. NO. 2136

WATER & SEWER SERVICES					TOP OF PIPE ~~INV.~~ AT PLUG	
LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH		
60	4+53.80 LT.	DOUBLE	~~4+68.80~~ LT.	~~32'~~	~~52.89~~	4+68.37 LT. 30' 53.12
61			~~4+21.33~~ LT.	~~32'~~	~~50.93~~	4+16.04 LT. 30' 51.05
62	3+53.00 LT.	DOUBLE	~~3+68.00~~ LT.	~~32'~~	~~48.72~~	3+63.00 LT. 30' 48.79
63			3+08.00 LT.	32'	47.19	
64	2+38.53 LT.	DOUBLE	~~2+53.53~~ LT.	~~32'~~	~~45.19~~	2+53.32 LT. 30' 45.39
65			~~2+03.58~~ LT.	~~32'~~	~~44.07~~	2+03.00 LT. 30' 44.23
66	1+38.54 LT.	DOUBLE	~~1+53.54~~ LT.	~~32'~~	~~43.07~~	1+52.96 LT. 30' 43.35
67			~~1+03.50~~ LT.	~~32'~~	~~41.26~~	1+02.91 LT. 30' 42.41
68	0+38.68 LT.	DOUBLE	~~0+53.68~~ LT.	~~32'~~	~~40.96~~	0+53.09 LT. 30' 42.12
69			~~0+15.00~~ LT.	~~32'~~	~~40.73~~	30' 42.14

* INSTALL SEWER RISER AS PER C.O.A. DWG. NO. 2136



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

NOTE

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

SANITARY SEWER CURVE DATA

(A) PC STA. 0+10.00
PT STA. 2+43.70
Δ = 32° 44' 18"
R = 409.00'
L = 233.70'
T = 120.14'

(B) PC STA. 3+83.43
PT STA. 7+90.47
Δ = 40° 42' 04"
R = 573.00'
L = 407.04'
T = 212.53'

(C) PC STA. 9+32.84
PT STA. 12+51.37
Δ = 73° 00' 00"
R = 250.00'
L = 318.53'
T = 184.99'

WATERLINE CURVE DATA

(D) PC STA. 0+09.88
PT STA. 2+43.71
Δ = 32° 45' 20"
R = 419.00'
L = 239.54'
T = 123.14'

(E) PC STA. 3+83.43
PT STA. 7+90.47
Δ = 40° 42' 04"
R = 583.00'
L = 414.15'
T = 216.24'

(F) PC STA. 9+32.84
PT 12+51.37
Δ = 73° 00' 00"
R = 240.00'
L = 305.78'
T = 177.59'

RECORD DRAWINGS
DATE 12-1-1998

WILLIAM L. KRAUSE NEW MEXICO 8131 REGISTERED PROFESSIONAL ENGINEER 2/13/98

1 2 3 4 5 6 7 8 9 10 11 12
26 24 7 9 3 3 8 8

AS BUILT INFORMATION
NATURAL TERRAIN J. R. HALE
WATER INSTALL. BY BHI DATE 9/87
SEWER INSTALL. BY BHI DATE 2/88
R. E. INSPECTOR KBR
FIELD VERIFICATION BY BHI DATE 1/88
DRAWINGS CORRECTED BY BHI DATE 1/88
MICRO-FILM INFORMATION
MICROFILMED BY DATE
NO.

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD, NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972" ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
6-17-87

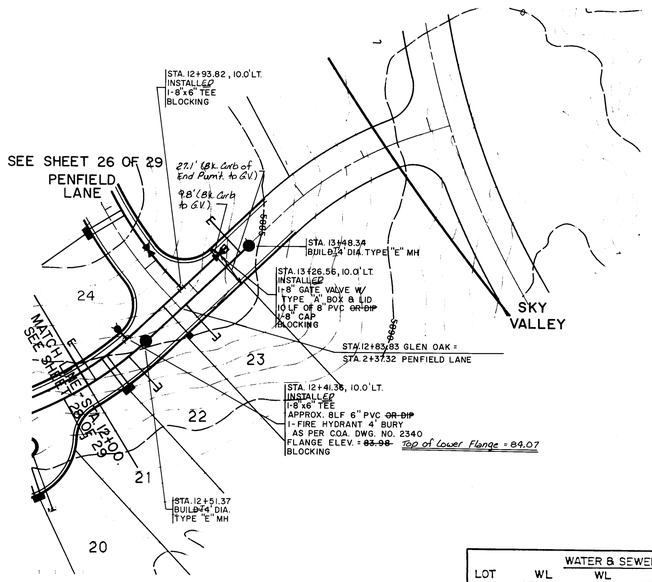
REVISIONS
NO. DATE REMARKS BY DATE
DESIGN
DESIGNED BY MLJ/AMT DATE 4/87
DRAWN BY TG/TL DATE 4/87
CHECKED BY KLD DATE 4/87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN – PHASE I
UTILITY PLAN & PROFILE
GLEN OAK – STA. 0+00 to STA. 12+00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste		6-24-87
A.C.E.-Design		6.24.87	Traffic	NA	6/24/87
A.C.E.-Hydrology	NA	6-24-87	Water		6-24-87

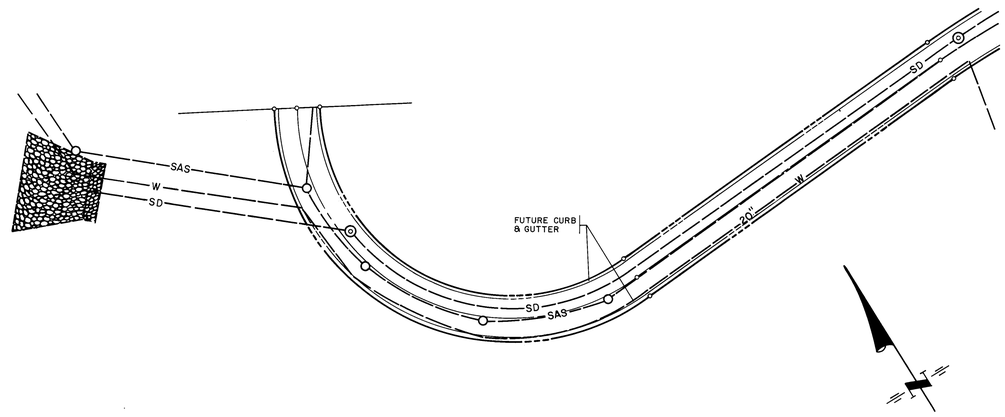
DRAWING NO. 2479 | MAP NO. E-22 | SHEET 28 OF 29



WATER & SEWER SERVICES					
LOT	WL STATION	WL TYPE	SAS STATION	SAS LENGTH	INV. AT PLUG
21	12+20.88 RT.	DOUBLE	—	—	—
22			12+35.88 RT.	32'	78.69
23	12+73.66 RT.	SINGLE	12+88.66 RT.	32'	79.11
24	—	—	12+06.36 LT.	32'	77.45 *

* INSTALL SEWER RISER AS PER C.O.A. DWG. NO. 2136

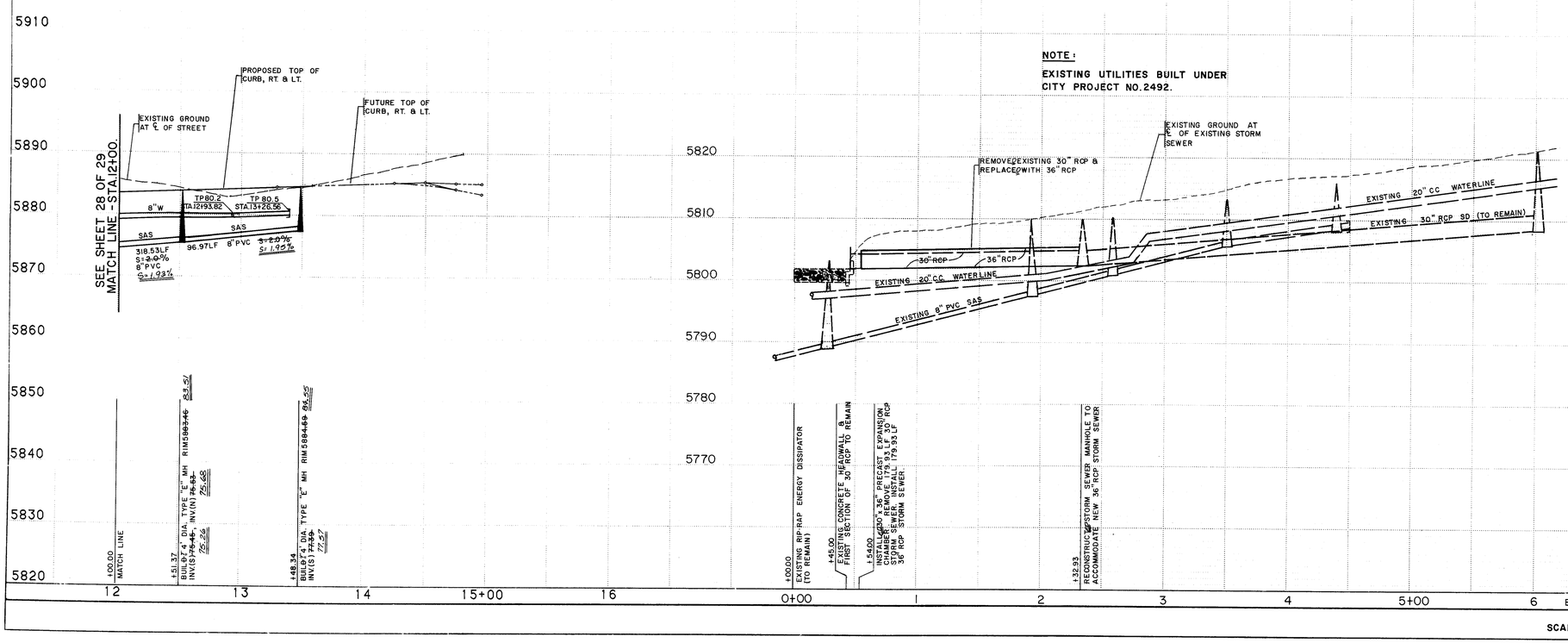
GLEN OAK



DESERT CLASSIC LANE

NOTE

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



RECORD DRAWINGS
DATE JAN 7 1988

1	2	3	4	5	6	7	8	9	10	11	12
2	6	2	4	7	9	3	4	8	8		

AS BUILT INFORMATION
EXTRA TIME — J.R. HALE
WATER — BHI — DATE 9/87
INSPECTOR
AS-BUILT BY — RBR — DATE 2/88
FIELD VERIFICATION BY — BHI — DATE 1/88
DRAWINGS CORRECTED BY — BHI — DATE 1/88
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE BENCH MARK IS LOCATED 1.2 MILES EAST OF THE INTERSECTION OF ACADEMY ROAD, NE & EUBANK BLVD., NE THEN 375'± SOUTH. THE BENCH MARK IS ON THE SOUTH RIM OF THE BEAR CANYON TRIBUTARY & IS A STANDARD ACS BRASS TABLET STAMPED "6-E22 LS4972". ELEVATION 5934.53'

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
WILLIAM L. DAY 8131 REGISTERED PROFESSIONAL ENGINEER 2/13/88
6-17-87

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN
DESIGNED BY MLJ/AMT — DATE 4/87
DRAWN BY TG/TL/JD — DATE 4/87
CHECKED BY KLD — DATE 4/87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: DESERT CLASSIC AT TANOAN - PHASE I
UTILITY PLAN & PROFILE
GLEN OAK - STA. 12+00 to STA. 16+00 / STORM DRAIN OUTLET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/2/87	Liquid Waste	RHTaught	6-24-87
A C E - Design	DWH	6-24-87	Traffic	NADWH	6/24/87
A C E - Hydrology	CAM	6-24-87	Water	RHTaught	6-24-87

DRAWING NO. 2479 | MAP NO. E-22 | SHEET 29 OF 29