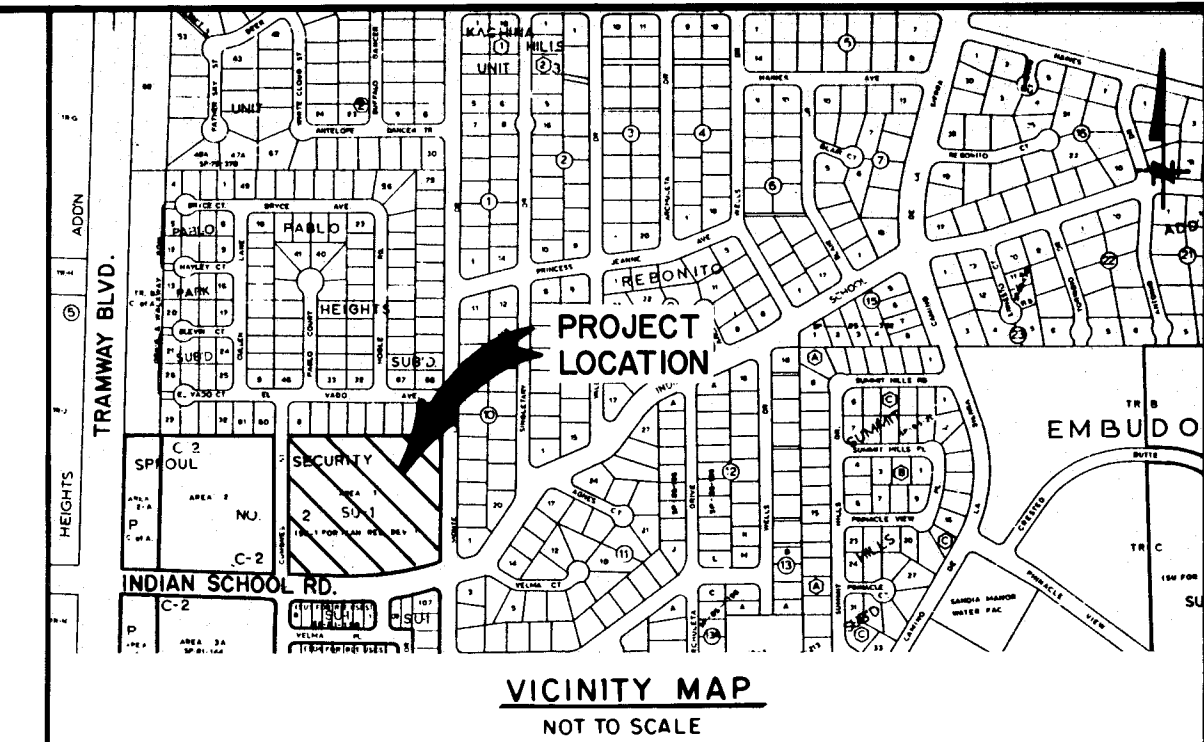


CITY LIGHTS SUBDIVISION

ALBUQUERQUE, NEW MEXICO

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	SUBDIVISION PLAT
4	GRADING PLAN
5	PAVING PLAN
6	WATER & SEWER DISTRIBUTION PLAN
7	STREET PLAN & PROFILE - NEON AVE.
8	STREET PLAN & PROFILE - ARGON AVE.
9	WATER & SEWER PLAN & PROFILE - NEON AVE.
10	WATER & SEWER PLAN & PROFILE - ARGON AVE.
11	DETAIL SHEET



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 INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1985 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.

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 DERESSED 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.

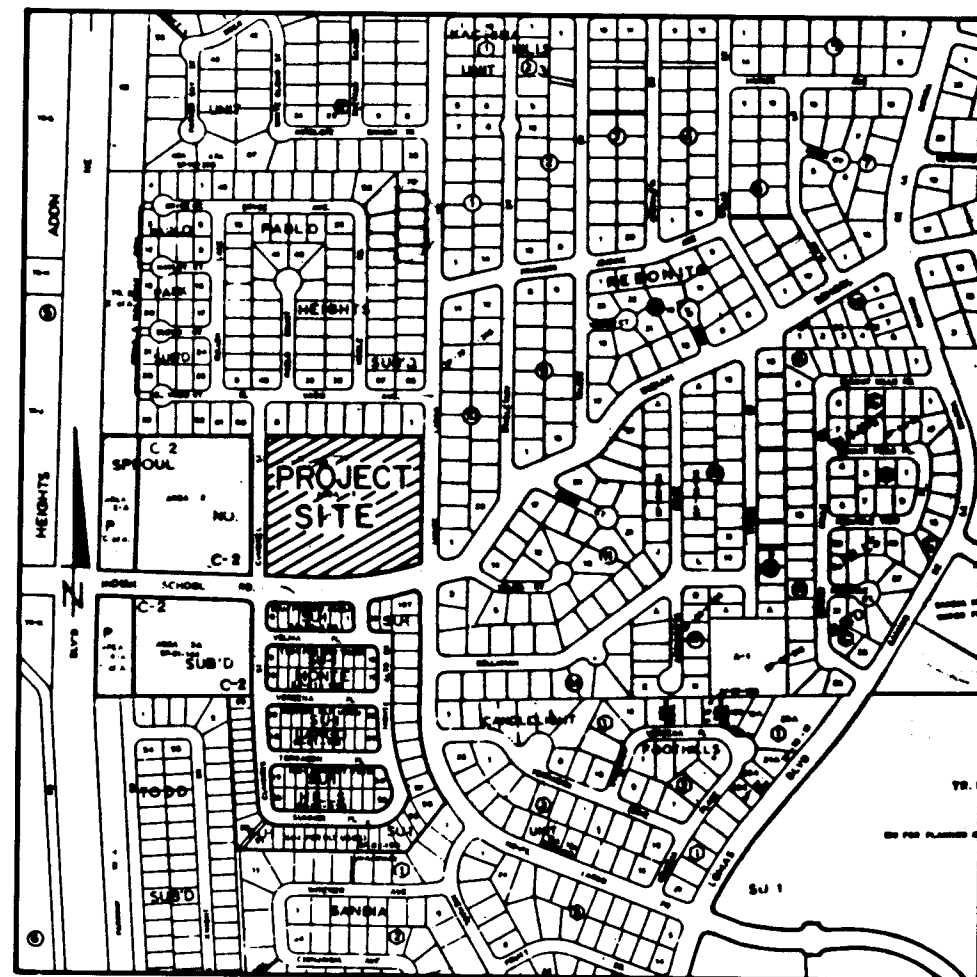
APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER - FIELD
Russell B. Smith
DATE 9-9-87

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

REV	SHEETS	CITY ENGINEER	DATE	USER	DEPT	DATE	USER	DEPT	DATE
APPROVAL OF REVISIONS									

 <i>Daniel J. Grochowski</i> 3/4/07	 BOHANNAN + HUSTON INC. ALBUQUERQUE SANTA FE EL PASO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION <i>Indira H. Patel</i> 1/2/07 IN C.E.
	PROJECT NUMBER 3184	SHEET <u>1</u> OF <u>11</u>

SP 02-12-1107



LOCATION MAP
ZONE ATLAS MAP J-23-Z
Not To Scale

NOTES

- All boundary corners designated by ▲ are marked by a Shiner & Nail in wall.
- All boundary corners designated by ■ are marked by a "x" chiseled in the sidewalk.
- Set 5/8" rebar with 1-1/4" diameter red plastic survey cap stamped "WEAVER LS 6544" were set on corners designated by ●.

SUBDIVISION DATA

- DRB Number
- Zone Atlas Index No. J-23-Z
- Gross Subdivision Acreage: 7.0065 acres.
- Distances are ground distances.
- This plat shows existing easements.
- Bearings are New Mexico State Plane Grid Bearings (Central Zone)
- Total Number of Lots Created: 60 Lots.
- 1.4789 acre(s) of street right-of-way created.
- Total mileage of Full-Width streets created: 0.2417 mile.
- The purpose of this plat is to subdivide AREA 1 into 60 Lots and to grant easements and dedicate right-of-way.
- Site is within the Northwest 1/4 of Section 14, T10N, R4E, N.M.P.M.
- Date of Survey: 4/84.
- Record bearings and distances of adjoining filed plats are shown in parentheses.

PUBLIC UTILITY EASEMENTS

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

- The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- 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.
- 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.
- Jones Interco 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.

DESCRIPTION

A certain tract of land situate within the northwest 1/4 of Section 14, T10N, R4E, N.M.P.M., within the City of Albuquerque, Bernalillo County, New Mexico and being AREA 1, SPROUL-SECURITY SUBDIVISION NO. 2, ALBUQUERQUE, NEW MEXICO as the same is shown and designated on the plat filed in the Office of the County Clerk of New Mexico on March 29, 1972 in Volume C-8, Folio 117, excepting the southwest portion thereof being a Grant of Easement for Roadway Purposes Document Number 84-80347 and filed for record in the office of the County Clerk of Bernalillo County, New Mexico on October 22, 1984 in Misc. Book 166-A, Folio 400-403 and being more particularly described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows:

BEGINNING at the northwest corner of the tract herein described, said corner being the northwest corner of said AREA 1 and also being a point on the easterly right-of-way of Cumbres Street, N.E.; and from said point of beginning leaving said right-of-way and running thence along the northerly boundary of said AREA 1, S89°28'49"E, 586.98 feet to the northeast corner of said AREA 1 and also being a point on the westerly right-of-way of Monte Largo Drive, N.E.; thence continuing along the easterly boundary of said AREA 1 and also along said right-of-way, S01°15'44"W, 478.80 feet to the southeast corner of the tract herein described, said corner being the southeast corner of said AREA 1 and also being a point on the northerly right-of-way of Indian School Road, N.E.; thence continuing along the southerly boundary of said AREA 1 and also along said right-of-way, S76°21'08"W, 89.01 feet to a point of curvature thence, 293.33 feet along the arc of a curve to the right having a radius of 1057.00 feet and a chord bearing S84°18'08"W, 292.38 feet to a point of tangency thence, N87°44'52"W, 185.72 feet to a point of curvature thence, 38.82 feet along the arc of a curve to the right having a radius of 25.00 feet and a chord bearing N43°16'04"W, 35.03 feet to a point of tangency on the westerly boundary of said AREA 1 and also being a point on the easterly right-of-way of Cumbres Street, N.E.; thence continuing along the westerly boundary of said AREA 1 and also along said right-of-way, N01°12'44"E, 501.34 feet to the point and place of beginning.

Tract contains 305.202 square feet or 7.0065 acres, more or less.

APPROVALS

PLAT NUMBER-----	
PLANNING DIRECTOR-----	DATE-----
CITY ENGINEER-----	DATE-----
A.M.-----	DATE-----
TRAFFIC ENGINEER-----	DATE-----
CITY SURVEYOR-----	DATE-----
PROPERTY MANAGEMENT-----	DATE-----
WATER RESOURCES DEPARTMENT-----	DATE-----
PARKS & RECREATION DEPARTMENT-----	DATE-----
PUBLIC SERVICE COMPANY OF NEW MEXICO-----	DATE-----
MOUNTAIN BELL-----	DATE-----
GAS COMPANY OF NEW MEXICO-----	DATE-----

SUBDIVISION MAP FOR CITY LIGHTS SUBDIVISION

ALBUQUERQUE, NEW MEXICO

FEBRUARY, 1987

FREE CONSENT AND DEDICATION

The foregoing Replat of that certain tract of land situate within the northwest 1/4 of Section 14, T10N, R4E, N.M.P.M., within the city of Albuquerque, Bernalillo County, New Mexico and being AREA 1, SPROUL-SECURITY SUBDIVISION NO. 2, ALBUQUERQUE, NEW MEXICO as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico on March 29, 1972 in Volume C-8, Folio 117, excepting the southwest portion thereof being a Grant of Easement for Roadway Purposes Document Number 84-80347 and filed for record in the office of the County Clerk of Bernalillo County, New Mexico on October 22, 1984 in Misc. Book 166-A, Folio 400-403 and now hereon shown and comprising CITY LIGHTS SUBDIVISION is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate the 1.4789 acres of street right-of-way and do hereby grant all easements shown on this plat. Electrical, Power and Communication easements are reserved for overhead distribution lines for pole type utilities and buried distribution lines, conduits and pipes for underground utilities, and other related equipment where shown or indicated, including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs.

A-WARD HOMES OF NEW MEXICO, INC.
A NEW MEXICO CORPORATION

H. HARPER SIMMONS, EXECUTIVE VICE PRESIDENT

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 16 day of February, 1987, by H. Harper Simmons, Executive Vice President for A-Ward Homes of New Mexico, Inc., a New Mexico Corporation on behalf of said corporation.

My Commission Expires March 16, 1990.



OFFICIAL SEAL
JANET E. SPEAKMAN
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 03-16-90

Notary Public

SURVEYOR'S CERTIFICATION

I, A. Dwin Weaver, 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.

A. Dwin Weaver
A. Dwin Weaver
P.L.S. No. 6544

State of New Mexico)
County of Bernalillo)

The foregoing instrument was acknowledged before me this 16 day of February, 1987, by A. Dwin Weaver.

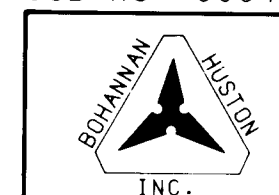
My Commission Expires March 16, 1990.



OFFICIAL SEAL
JANET E. SPEAKMAN
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 03-16-90

Notary Public

JOB NO. 63346



SHEET 1 OF 2 SHEETS

DRAWING NO. 3184

LASON 1-505-344-9404
BEST COPY AVAILABLE

CURVE DATA					
NUMBER	ARC	RADIUS	DELTA	CHORD	TANGENT
C1	293.33	1057.00	15°54'00"	292.38	147.61
C2	38.82	25.00	88°57'36"	35.03	24.55
C3	39.27	25.00	90°00'00"	35.36	25.00
C4	32.82	100.00	18°48'20"	32.67	16.56
C5	41.59	100.00	23°49'55"	41.30	21.10
C6	82.75	100.00	47°24'45"	80.41	43.91
C7	98.90	100.00	56°40'06"	94.92	53.92
C8	32.15	100.00	18°25'18"	32.01	16.22
C9	26.80	954.00	1°36'35"	26.80	13.40
C10	35.01	954.00	2°06'10"	35.01	17.51
C11	35.01	954.00	2°06'10"	35.01	17.51
C12	35.01	954.00	2°06'10"	35.01	17.51
C13	35.01	954.00	2°06'10"	35.01	17.51
C14	35.01	954.00	2°06'10"	35.01	17.51
C15	35.01	954.00	2°06'10"	35.01	17.51
C16	10.55	954.00	0°38'01"	10.55	5.28
C17	39.27	25.00	90°00'00"	35.36	25.00
C18	9.77	1057.00	0°31'46"	9.77	4.88
C19	36.19	1057.00	1°57'43"	36.19	18.10
C20	38.92	1057.00	2°06'35"	38.92	19.46
C21	38.90	1057.00	2°06'31"	38.90	19.45
C22	38.88	1057.00	2°06'27"	38.88	19.44
C23	38.86	1057.00	2°06'23"	38.86	19.43
C24	38.84	1057.00	2°06'19"	38.84	19.42
C25	38.82	1057.00	2°06'15"	38.82	19.41
C26	14.14	1057.00	0°45'60"	14.14	7.07
C27	32.76	25.00	75°05'24"	30.47	19.21
C28	39.27	25.00	90°00'00"	35.36	25.00
C29	39.27	25.00	90°00'00"	35.36	25.00
C30	78.58	50.00	90°03'00"	70.74	50.04
C31	65.53	50.00	75°05'24"	60.94	38.43
C32	117.88	75.00	90°03'00"	106.11	75.07
C33	98.29	75.00	75°05'24"	91.41	57.64
C34	240.94	929.00	14°51'36"	240.27	121.15
C35	10.54	904.00	0°40'05"	10.54	5.27
C36	35.02	904.00	2°13'10"	35.02	17.51
C37	35.09	904.00	2°13'26"	35.09	17.55
C38	35.21	904.00	2°13'54"	35.21	17.61
C39	35.39	904.00	2°14'34"	35.39	17.70
C40	35.62	904.00	2°15'28"	35.62	17.81
C41	35.92	904.00	2°16'36"	35.92	17.96
C42	11.67	904.00	0°44'23"	11.67	5.84
C43	59.44	100.00	34°03'21"	58.57	30.63
C44	41.59	104.00	22°54'52"	41.32	21.08
C45	31.86	64.00	28°31'20"	31.53	16.27
C46	46.52	60.00	44°25'37"	45.37	24.50

TANGENT DATA		
NUMBER	BEARING	DISTANCE
T1	N88°44'16"W	12.00
T2	S76°21'08"W	11.60
T3	S88°47'16"E	20.50
T4	S88°47'16"E	3.26
T5	N88°47'16"W	9.76
T6	N88°47'16"W	20.00
T7	S88°47'16"E	20.00
T8	N88°47'16"W	20.00
T9	S87°44'52"E	20.46
T10	N76°21'08"E	11.60
T11	S76°21'08"W	3.40
T12	S76°21'08"W	8.20
T13	N76°21'08"E	11.04
T14	N76°21'08"E	19.21
T15	N01°15'44"E	19.21

ACS Brass Tablet "I-J23-A"
N.M. State Plane Grid Coordinates
X=426,100.69 Y=1,490,000.03
002° - 00°00'31"
Ground-to-Grid Factor = 0.9996269
Elevation: 5840.58

SURVEYOR'S CERTIFICATION

I, A. Desai Weaver, 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.

A. Desai Weaver
A. Desai Weaver
P.L.S. No. 6544

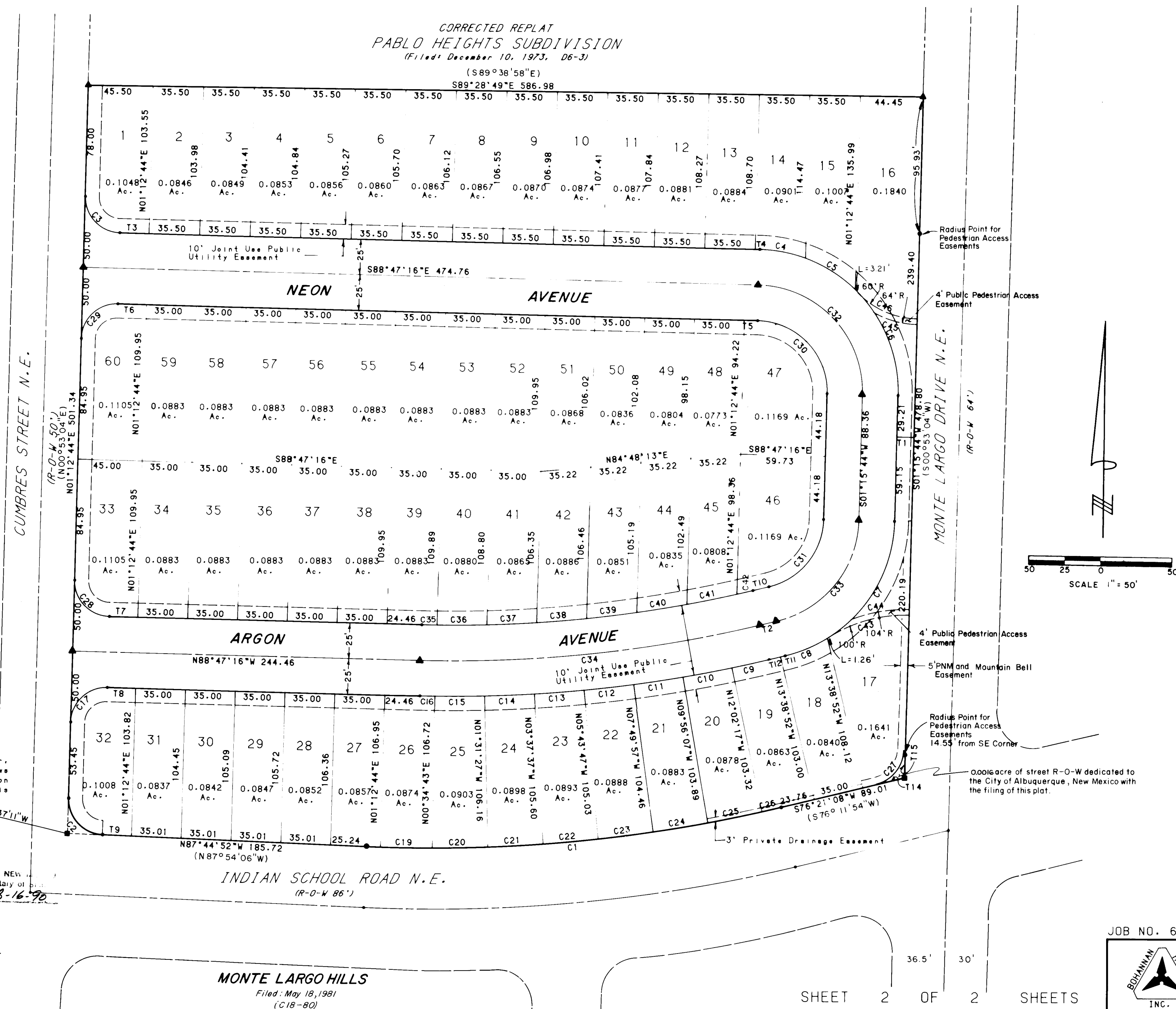
State of New Mexico
County of Bernalillo

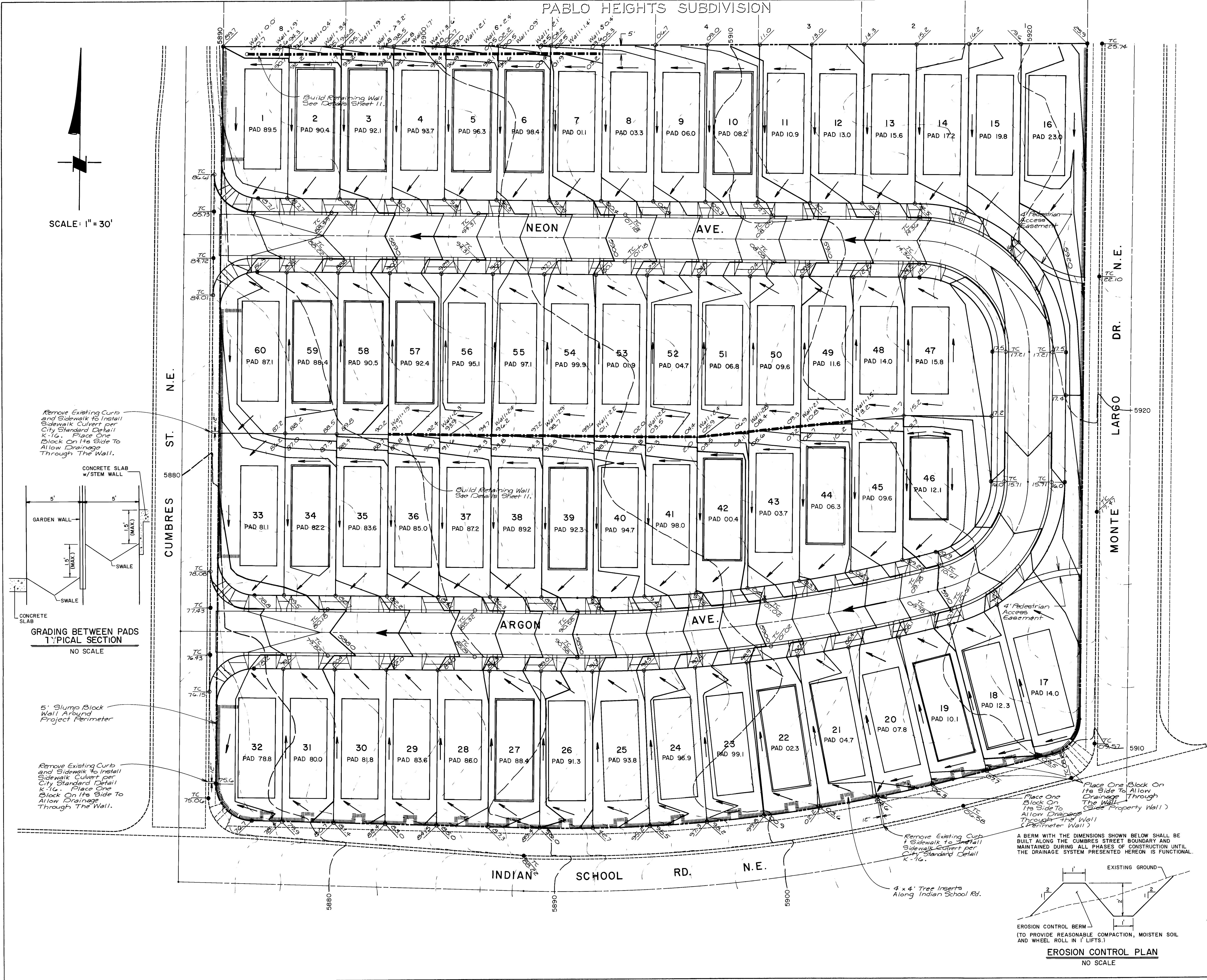
The foregoing instrument was acknowledged before me this 9th day of February, 1987, by A. Desai Weaver.
My Commission Expires March 16, 1990

AREA 3-A
SPROUL SECURITY SUBDIVISION NO. 2
Filed May 18, 1981 (C18-75)

NOTE:
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 subdivision 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" designed by ▲

SUBDIVISION MAP FOR CITY LIGHTS SUBDIVISION ALBUQUERQUE, NEW MEXICO FEBRUARY, 1987





EARTHWORK SPECIFICATIONS

GENERAL

The Soils Engineer shall be the owner's representative to control the fill operations. The Soils Engineer shall approve the material, the method of placing and compaction, and shall give written approval of the completed fill after having taken sufficient tests to assure compliance with the specifications.

FILL MATERIAL UNDER FOUNDATION AND WITHIN 3 FEET OF SLABS

The fill materials shall be gravel, sand, silt, or clay mixtures which have a plasticity index not greater than 15 and a liquid limit not greater than 25. Material larger than 6 inches shall not be placed in the fill, and material larger than 4 inches shall not be placed within 1 foot of the bearing surfaces or foundations. Materials shall be approved by the Soils Engineer.

PREPARATION OF NATURAL GROUND FOR FOUNDATION SUPPORT

Prior to footing placement or fill, the proposed bearing surfaces shall be scarified, moistened to optimum moisture content (±2%) for a minimum depth of 8 inches, and compacted to a minimum of 95% of maximum density as determined by ASTM D-1557, with a minimum of 20 passes of a heavy vibratory roller.

PREPARATION OF NATURAL GROUND FOR SLAB SUPPORT

Prior to the placement of floor slabs or fill, the natural ground shall be scarified, moistened to optimum moisture content (±2%) for a minimum of 8 inches, and compacted to a minimum of 95% of maximum density as determined by ASTM D-1557, with a minimum of 20 passes of a heavy vibratory roller and topsoil shall be removed before beginning preparation of natural ground.

PLACING FILL

No brush, sod, frozen material, or other perishable or unsuitable material shall be placed in the fill. Distribution of material shall be such as to avoid lenses differing substantially from the surrounding material. The materials shall be delivered to the fill in such a manner as to result in a well and uniformly compacted fill.

Before compacting, the fill material shall be spread in approximately horizontal layers not greater than 8 inches thick.

MOISTURE CONTROL

The material, while being compacted, shall contain the optimum moisture for compaction distributed uniformly throughout the layers. The contractor shall be required to add moisture to the material in the excavation if, in the opinion of the Soils Engineer, it is not possible to obtain proper and uniform moisture by adding water on the fill surface.

COMPACTION

When the moisture content and condition of each individual layer is satisfactory, it shall be compacted by methods approved by the Soils Engineer. A Proctor test should be performed on each typical fill material and frequent density tests of the fill shall be taken.

When compacting cohesionless free-draining materials such as sands and gravels, the material shall be deposited in layers and compacted by means of a crawler-type tractor, surface or internal vibrators, smooth or pneumatic rollers, hand or power tampers or by any other means approved by the Soils Engineer. The thickness of the horizontal layers after compaction shall not exceed 6 inches compacted thickness if compaction is performed by tractor treads, surface vibrators or similar equipment, on not more than the penetrating length of the vibrator head if compaction is performed by internal vibrators. The material may not be ponded or flooded to aid in the compaction.

DENSITY REQUIREMENTS

Fill placed for foundation support shall be compacted to a minimum of 95% of maximum density as determined by ASTM D-1557.

Fill placed for slab support shall be compacted to a minimum of 90% of maximum density as determined by ASTM D-1557.

TYPICAL PAD DIMENSIONS

25' x 68'

LEGEND

- ===== EXISTING CURB & GUTTER
- ===== PROPOSED CURB & GUTTER
- PROJECT BOUNDARY
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- DIRECTION OF FLOW
- 99.8 PROPOSED SPOT ELEVATION
- PAD 14.0 HOUSE PAD w/ELEVATION
- ===== RETAINING WALL
- ===== SLUMP BLOCK PERIMETER WALL (5')
- 75.06 EXISTING TOP OF CURB ELEVATION

ENGINEER'S SEAL

David J. [Signature] 2/17/87

REVISIONS

NO.	DATE	REMARKS
1	2/87	DESIGN
2	2/87	SAH
3	2/87	DUG

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE: CITY LIGHTS SUBDIVISION
GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	W. [Signature]	3/17/87	Liquid Waste	W/W	3-4-87
A.C.E. - Design	"	"	Traffic	N.H. DuH	3-5-87
Hydrology	R. [Signature]	3-4-87	Water	W/W	3-4-87

DRAWING NO. 3184 **MAP NO.** J-23 **SHEET** 4 **OF** 11

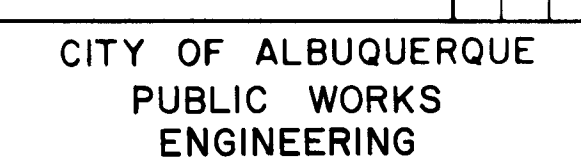


	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	PROPOSED SANITARY SEWER MANHOLE
	PROPOSED WATER VALVE
	PROPOSED FIRE HYDRANT
	WHEELCHAIR RAMP
	PROPOSED CROWN FLATTENING
	DIRECTION OF STREET DRAINAGE

- | | | | |
|--|--|-------------------------------|------|
| BENCH MARKS | | AS-BUILT INFORMATION | |
| THE TBM IS LOCATED ON THE NW CORNER OF THE INTERSECTION OF INDIAN SCHOOL RD. N.E. AND MONTE LARGO DRIVE N.E. | | CONTRACTOR | |
| FIRE HYDRANT TBM - NORTH BONNET BOLT. ELEV. = 5910.49 | | INSPECTOR'S | DATE |
| | | ACCEPTANCE BY | DATE |
| | | VERIFICATION BY | DATE |
| | | DRAWINGS | DATE |
| | | MICRO-FILM INFORMATION | |
| | | RECORDED BY | DATE |
| | | NO. | |

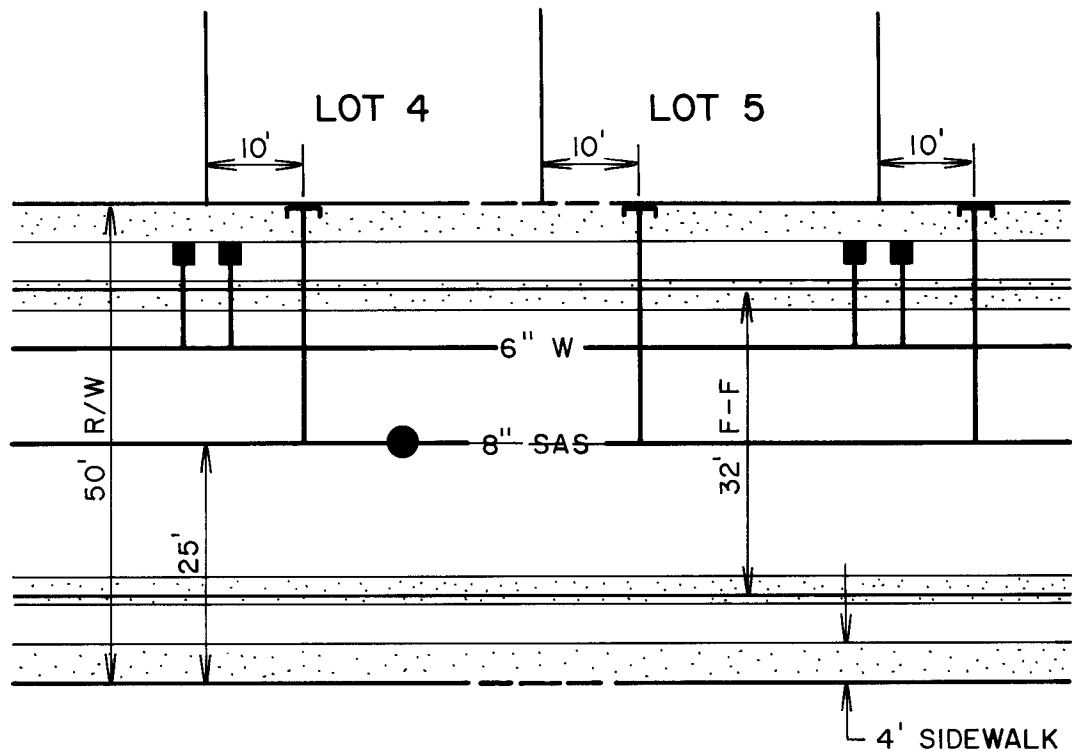
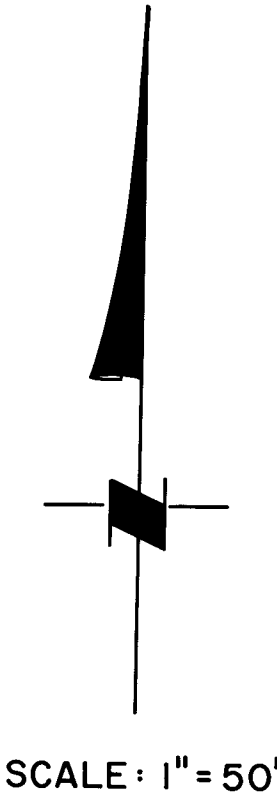
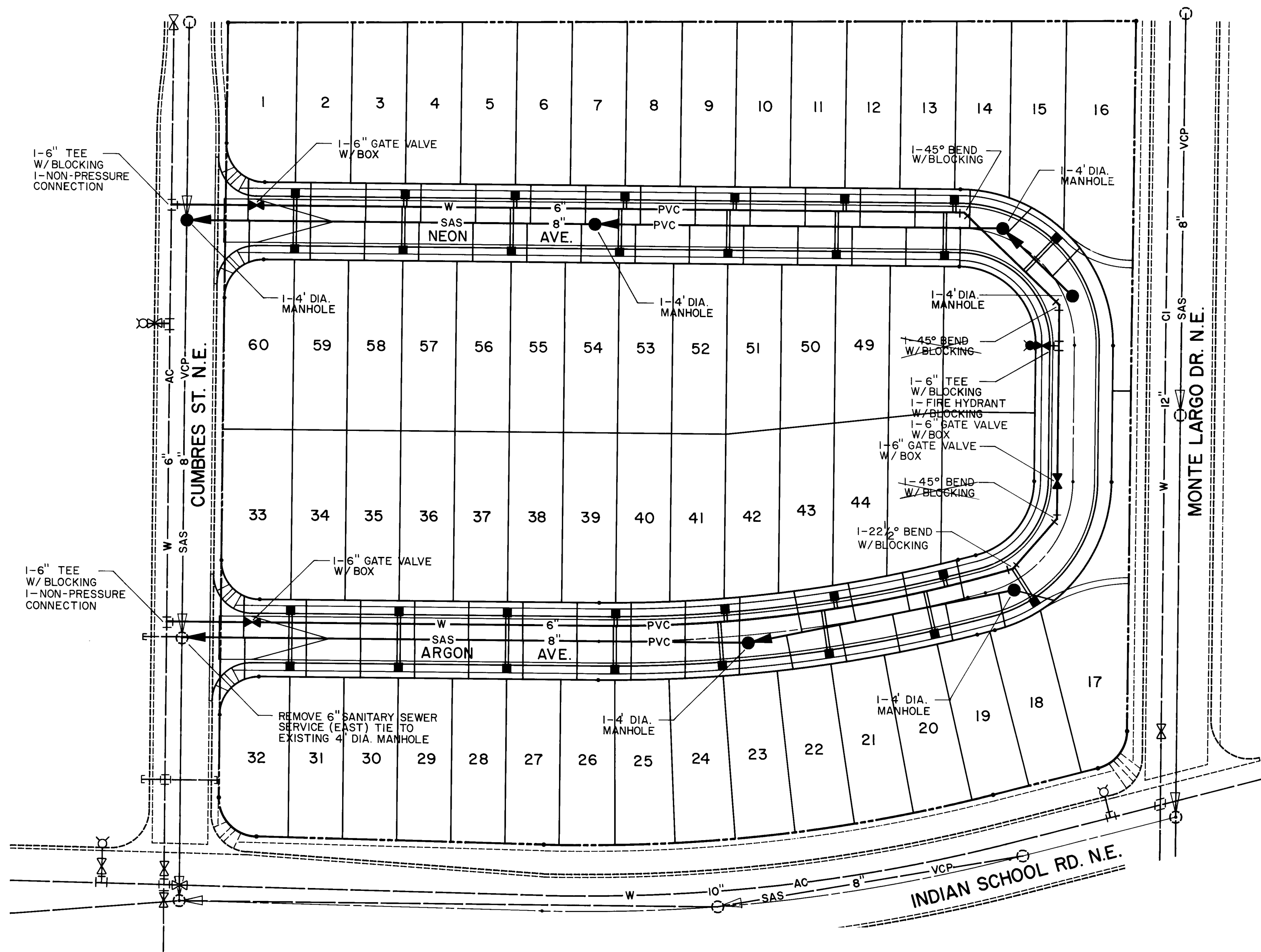
ENGINEER'S SEAL

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2	6		3	1	8	4	0	5	8	7	



TITLE:	CITY LIGHTS SUBDIVISION PAVING PLAN
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DRAWING NO.	3184	MAP NO. J-23	SHEET 5	OF 11
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TYPICAL SERVICE LOCATION DETAIL
NOT TO SCALE

LEGEND

- ===== EXISTING CURB & GUTTER
- ===== PROPOSED CURB & GUTTER
- PROPOSED SANITARY SEWER LINE W/ MANHOLE
- EXISTING SANITARY SEWER LINE
- X— PROPOSED WATERLINE W/ GATE VALVE
- V— EXISTING WATERLINE
- H— PROPOSED FIRE HYDRANT
- C— EXISTING FIRE HYDRANT
- |— WATER SERVICE CONNECTION

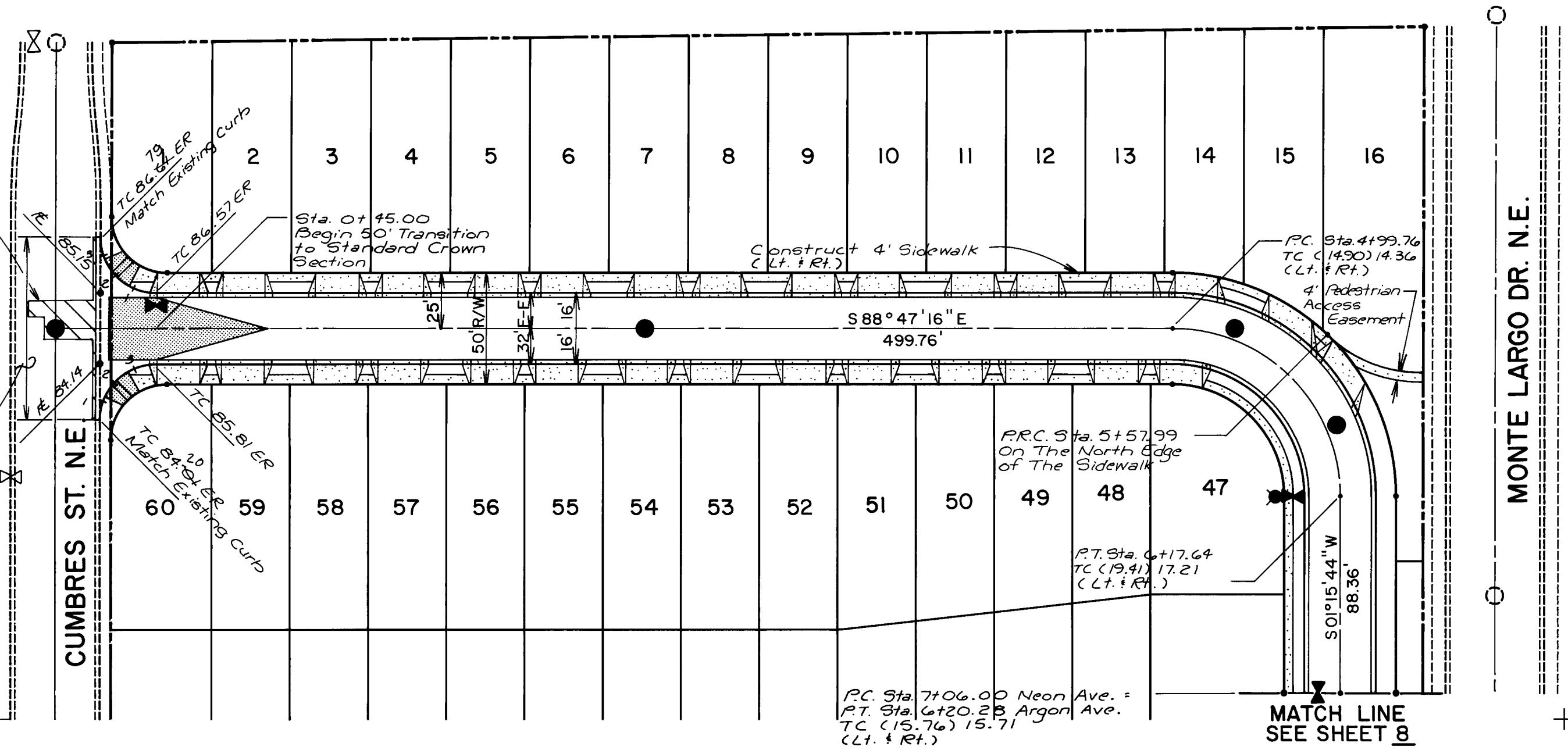
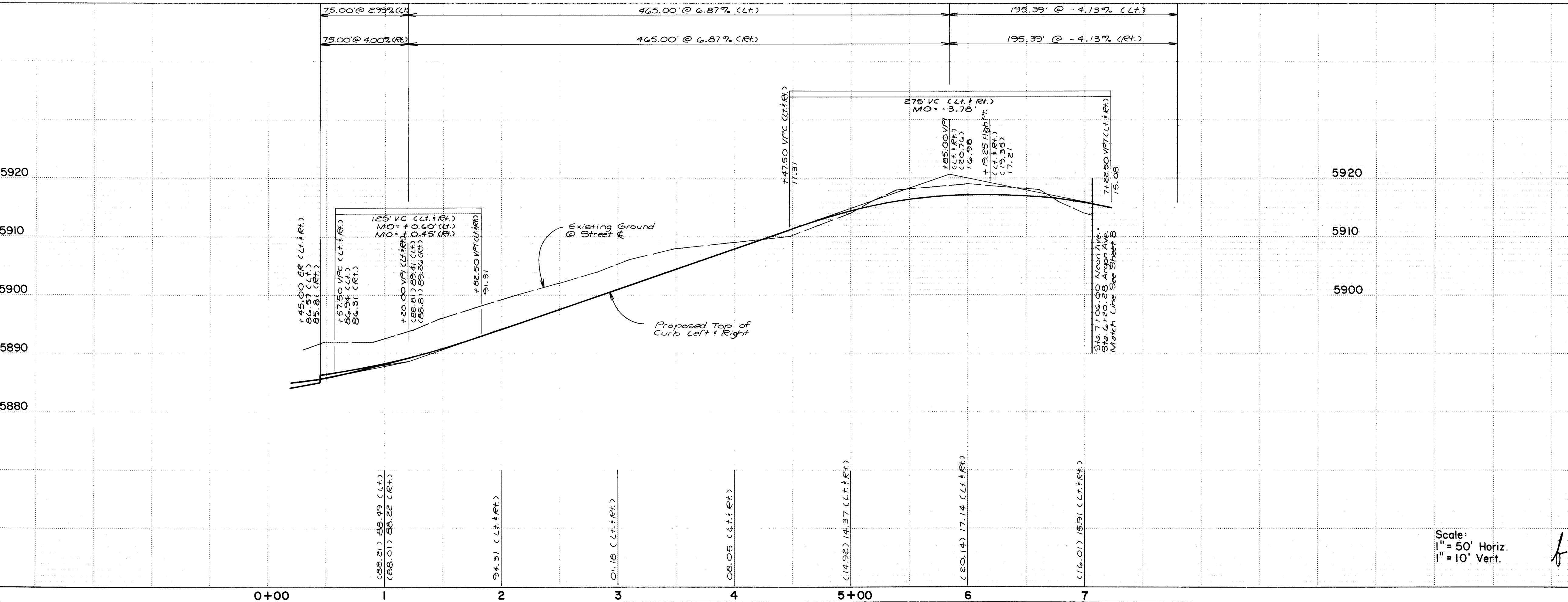
- NOTES
- WATER:
1. ALL GATE VALVES SHALL BE RESILIENT SEAT VALVES.
 2. ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE NOTED.
 3. STREETS SHALL BE GRADED TO + 1.0' PRIOR TO INSTALLATION OF UTILITIES.
 4. ALL METERS SHALL BE SIZED 3/4". SINGLE OR DOUBLE METER BOXES SHALL BE USED AS SHOWN ON THE PLANS.
 5. METERED SERVICES SHALL BE INSTALLED PER CITY STD. DETAIL W-10, W-14, W-15, W-16 AND W-18.
 6. TYPE "A" VALVE BOXES AND COVERS SHALL BE USED PER CITY STD. DETAIL W-2 AND W-4.
 7. ALL BLOCKING SHALL BE CONSTRUCTED PER CITY STD. DETAIL W-22.
 8. ALL FIRE HYDRANTS SHALL BE 4' BURY.
 9. STANDARD HYDRANTS SHALL BE CONSTRUCTED PER CITY STD. DETAIL W-20 AND W-21 AND AIR RELEASE FIRE HYDRANTS SHALL INCLUDE THE MODIFICATION SHOWN IN STD. DETAIL W-23.

- SANITARY SEWER:
1. ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE INDICATED.
 2. STREETS SHALL BE GRADED TO + 1.0' PRIOR TO INSTALLATION OF UTILITIES.
 3. ELECTRONIC MARKER DISCS SHALL BE PLACED PER SECTION 170 OF THE CITY STANDARD SPECIFICATIONS.
 4. SERVICE LINE TYPICAL LOCATIONS SHALL BE AS SHOWN ON THE "TYPICAL SERVICE LOCATIONS" ON THE "WATER AND SEWER DISTRIBUTION PLAN" SHEET.
 5. MANHOLES SHALL BE INSTALLED PER CITY STD. DETAIL S-2 AND S-6.
 6. ALL SERVICE LINES SHALL BE INSTALLED PERPENDICULAR TO THE MAIN, UNLESS OTHERWISE NOTED. PER CITY STD. DETAIL S-9.
 7. ALL PIPE LENGTHS ARE MEASURED FROM INSIDE OF MANHOLE TO INSIDE OF MANHOLE.

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	WORK	DATE	DATE	THE TBM IS LOCATED ON THE NW CORNER OF THE INTERSECTION OF INDIAN SCHOOL RD. N.E. AND MONTE LARGO DRIVE N.E.	DATE	BY	NO.	NO.	BY	REMARKS	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	DATE
	STAKED BY														
	ACCEPTED BY														
	FIELD														
	VERIFICATION BY														
	CORRECTED BY														
	NO.														

1 2 3 4 5 6 7 8 9 10 11 12
26 31 84 06 87

CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING					
TITLE: CITY LIGHTS SUBDIVISION WATER & SEWER DISTRIBUTION PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/12/87	Liquid Waste	<i>[Signature]</i>	3-4-87
A C E - Design	" "	" "	Traffic	<i>[Signature]</i>	3/9/87
A C E - Hydrology	<i>[Signature]</i>	3-4-87	Water	<i>[Signature]</i>	3-4-87
DRAWING NO.	3184	MAP NO.	J-23	SHEET	OF 11



CL CURVE DATA
 $\Delta = 90^{\circ}03'00''$
 $R = 75.00'$
 $L = 117.88'$
 $T = 75.07'$

SIDEWALK CURVE DATA
 $\Delta = 44^{\circ}25'37''$
 $R = 60.00'$
 $L = 46.52'$
 $T = 24.50'$

NOTE:
Curve Data is for Inside
Radius of Sidewalk.

Pavement Removal
See Sheet 9.

	TC	FL
1	86.35	85.68
2	86.29	85.62
3	86.37	85.70

	TC	FL
1	84.46	83.79
2	84.91	84.24
3	85.36	84.63

Remove 82' of Existing
Curb & Gutter and 6'
of Existing Asphalt

1 2 3 4 5 6 7 8 9 10 11 12
26 31840787

Scale:
1" = 50' Horiz.
1" = 10' Vert.

CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING					
TITLE: CITY LIGHTS SUBDIVISION STREET PLAN & PROFILE-NEON AVE.					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/17/87	Liquid Waste	<i>[Signature]</i>	3-4-87
A.C.E.-Design	<i>[Signature]</i>	4	Traffic		
A.C.E.-Hydrology	N/A	3-4-87	Water	<i>[Signature]</i>	3-4-87
DRAWING NO.	3184	MAP NO.	J-23	SHEET	7 OF 11

RECORD DRAWING
This drawing as modified shows public improvements as constructed. These modifications have been made using information furnished by the contractor and City Engineer. The modifications conform to the minimum requirements for record drawing criteria as required by the City of Albuquerque per the City Engineer's Manual Section 27.4 to the best of my knowledge and belief.
[Signature] 3/17/87
Paul Brasher, P.E.
REGISTERED PROFESSIONAL ENGINEER
No. 7282
Date

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	THE TBM IS LOCATED ON THE NW CORNER OF THE INTERSECTION OF INDIAN SCHOOL RD. N.E. AND MONTE LARGO DRIVE N.E.	NO.	BY	DATE	<i>[Signature]</i> 3/17/87 REGISTERED PROFESSIONAL ENGINEER No. 7282 Date	
WORK	DATE	INTERSECTION OF INDIAN SCHOOL RD. N.E. AND MONTE LARGO DRIVE N.E.	NO.	BY	DATE		
FIELD	DATE	MONTE LARGO DRIVE N.E.	NO.	BY	DATE		
MICRO-FILM INFORMATION		RECORDED BY		NO.		DATE	

- NOTES**
1. ALL CURB AND GUTTER SHALL BE STANDARD, PER CITY OF ALBUQUERQUE STD. DWG. P-8.
 2. ALL STREET PAVEMENT SECTIONS SHALL BE RESIDENTIAL PER CITY OF ALBUQUERQUE STD. DWG. P-2.
 3. VALLEY GUTTERS SHALL BE CONSTRUCTED PER CITY OF ALBUQUERQUE STD. DWG. P-9.
 4. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PER CITY OF ALBUQUERQUE STD. DWGS. P-16 AND P-17.
 5. DRIVEPADS AND SIDEWALKS SHALL BE CONSTRUCTED PER CITY OF ALBUQUERQUE STD. DWGS. P-11, P-13 AND P-15.
 6. ALL STATIONING IS BASED ON STREET CENTERLINE.
 7. ALL CURB RETURN RADII ARE 25'.
 8. CITY OF ALBUQUERQUE RESTORATION FEE WILL BE CHARGED FOR ALL WORK DONE IN CUMBRES STREET.

①
Q CURVE DATA

$\Delta = 14^{\circ}51'36''$
 $R = 929.00'$
 $L = 240.94'$
 $T = 121.17'$

②
Q CURVE DATA

$\Delta = 75^{\circ}05'24''$
 $R = 75.00'$
 $L = 98.29'$
 $T = 57.64'$

SIDEWALK CURVE DATA

$\Delta = 34^{\circ}03'21''$
 $R = 10000'$
 $L = 59.44'$
 $T = 30.63'$

NOTE:
 Curve Data is for Inside
 Radius of Sidewalk.

NOTES

1. ALL CURB AND GUTTER SHALL BE STANDARD, PER CITY OF ALBUQUERQUE STD. DWG. P-8.
2. ALL STREET PAVEMENT SECTIONS SHALL BE RESIDENTIAL PER CITY OF ALBUQUERQUE STD. DWG. P-2.
3. VALLEY GUTTERS SHALL BE CONSTRUCTED PER CITY OF ALBUQUERQUE STD. DWG. P-9.
4. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PER CITY OF ALBUQUERQUE STD. DWGS. P-16 AND P-17.
5. DRIVEPADS AND SIDEWALKS SHALL BE CONSTRUCTED PER CITY OF ALBUQUERQUE STD. DWGS. P-11, P-13 AND P-15.
6. ALL STATIONING IS BASED ON STREET CENTERLINE.
7. ALL CURB RETURN RADII ARE 25'.
8. CITY OF ALBUQUERQUE RESTORATION FEE WILL BE CHARGED FOR ALL WORK DONE IN CUMBRES STREET.

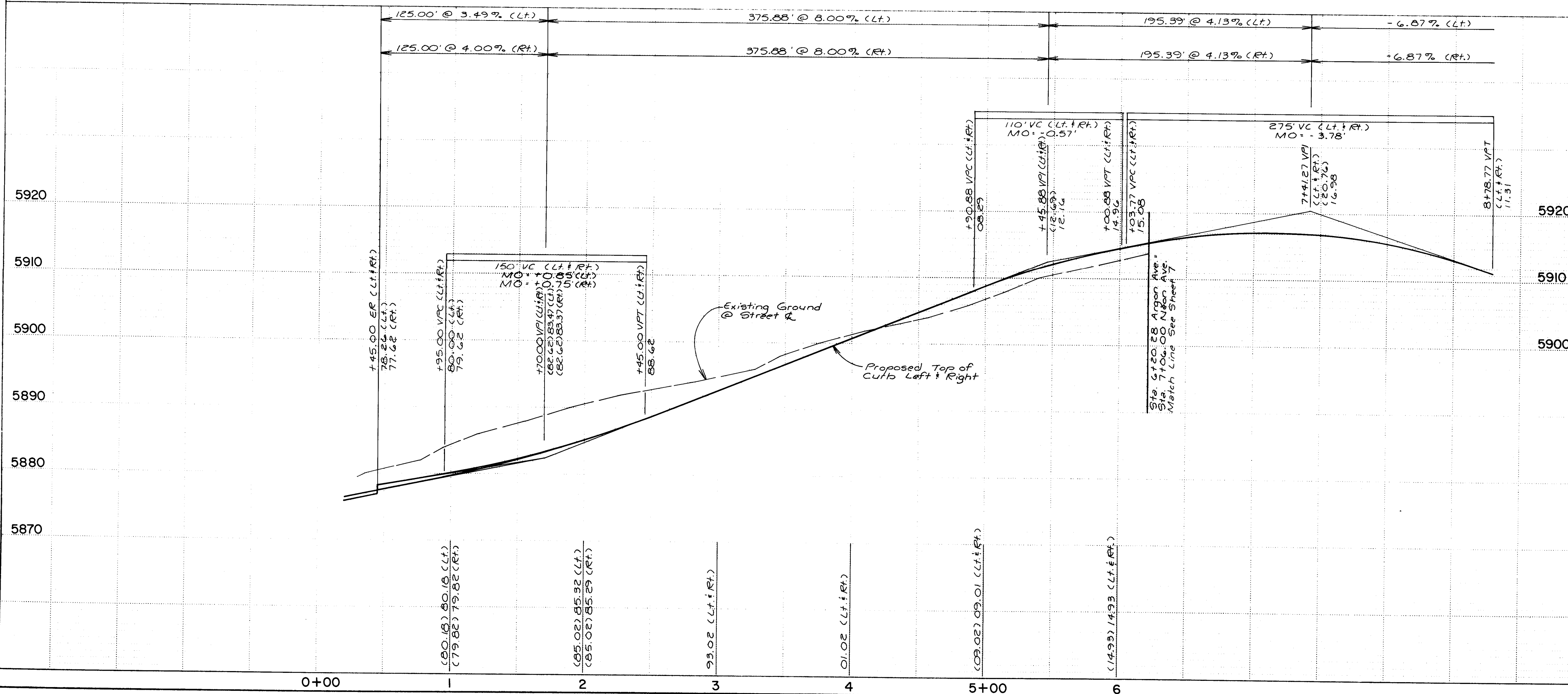
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		FIELD NOTES		ENGINEER'S SEAL		REVISIONS		DESIGNED BY		DRAWN BY		CHECKED BY	
CONTRACT NO.	CCM	CONTRACTOR	CCM	NO.	BY	DATE	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
WORK ORDER	EH44	INSPECTOR	EH44	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

TC	R
1	77.98
2	77.85
3	77.69

TC	R
1	76.52
2	76.89
3	77.25

Remove 82" of Existing
 Curb & Gutter and 6"
 of Existing Asphalt

ARGON AVE.



RECORD DRAWING

This drawing, as modified shows public improvements as indicated. These modifications have been made using information and measurements obtained by the City of Albuquerque. The Contractor shall be responsible for verifying the information and measurements obtained by the City of Albuquerque. The Contractor shall be responsible for verifying the information and measurements obtained by the City of Albuquerque. The Contractor shall be responsible for verifying the information and measurements obtained by the City of Albuquerque.

Paul Br. REGISTERED ENGINEER
 P. No. 7282
 Date 7/28/87

1 2 3 4 5 6 7 8 9 10 11 12
 26 318408887

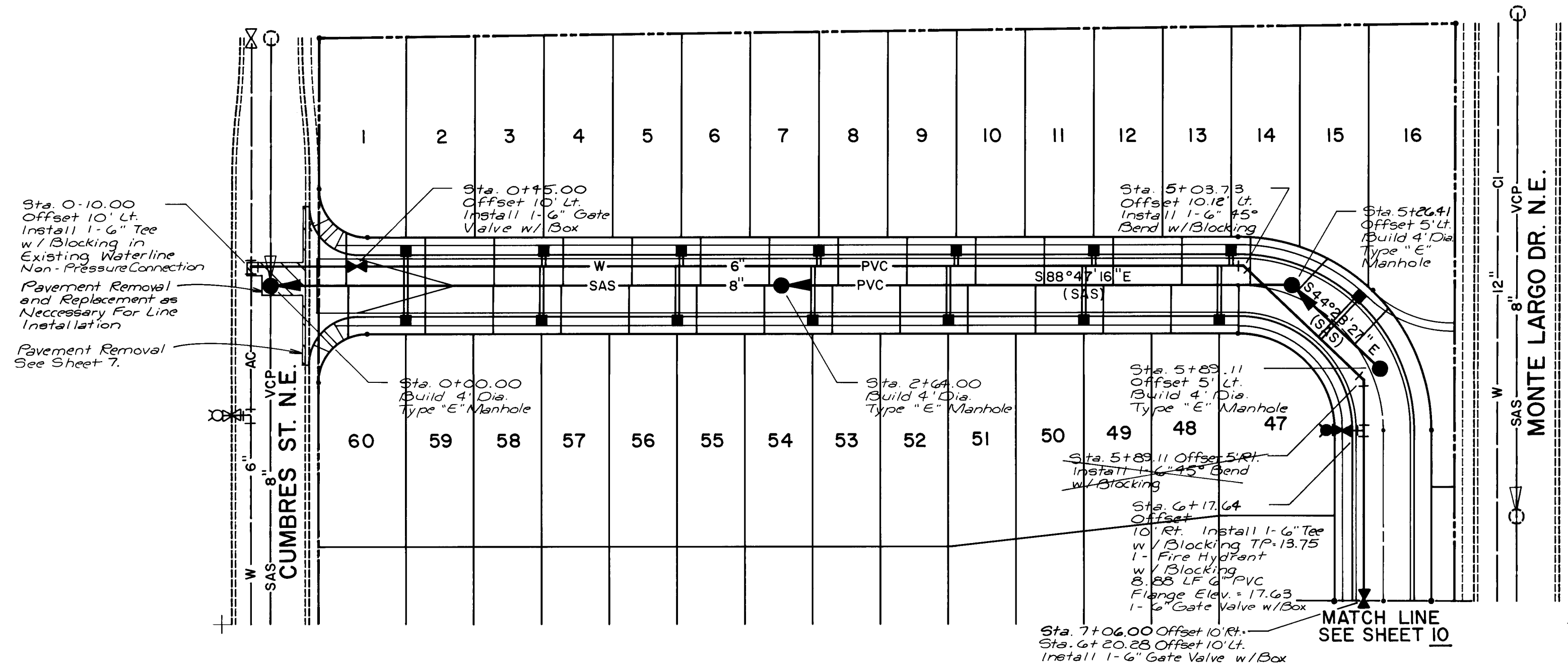


CITY OF ALBUQUERQUE
 PUBLIC WORKS
 ENGINEERING

TITLE: CITY LIGHTS SUBDIVISION
 STREET PLAN & PROFILE-ARGON AVE.

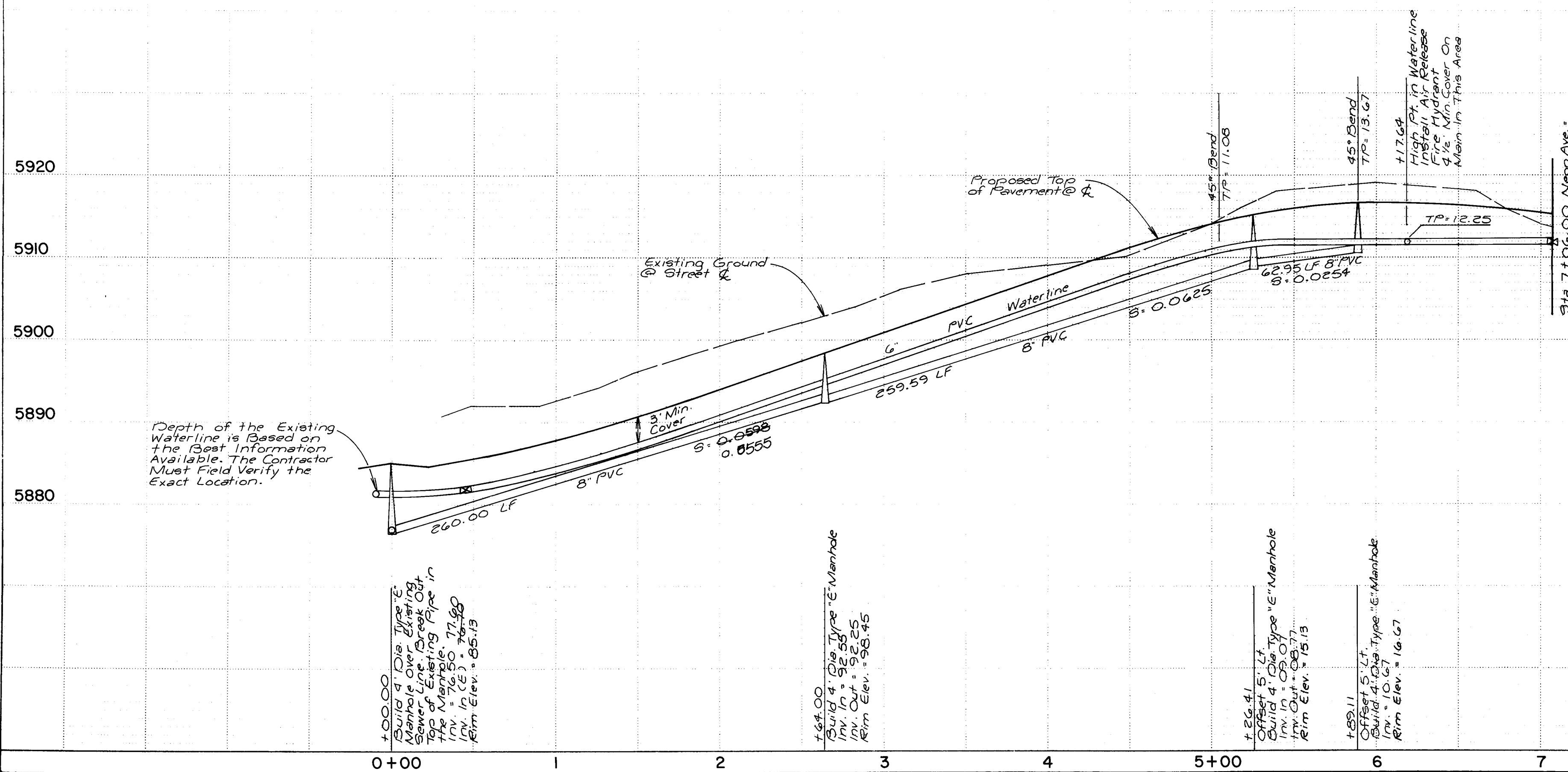
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	W/0	3/17/87	Liquid Waste	W/0	3-4-87
A.C.E. Design	W/0	3/17/87	Traffic	W/0	3-4-87
A.C.E. Hydrology	W/0	3-4-87	Water	W/0	3-4-87

DRAWING NO.	MAP NO.	SHEET	OF
3184	J-23	8	11



WATER & SEWER SERVICES					
LOT	WL STATION	WL LENGTH	SAS STATION	SAS LENGTH	INV. AT R.
1	@ Side Lot	15'	0+39.50	27.0	80.15
2	"	15'	0+80.50	25'	82.56
3	"	15'	1+16.00	25.1	84.65
4	"	15'	1+51.50	25.4	86.67
5	"	15'	1+87.00	25.7	88.93
6	"	15'	2+22.50	25.8	91.05
7	"	15'	2+58.00	25'	93.18
8	"	15'	2+93.50	25.7	95.44
9	"	15'	3+29.00	25.6	97.65
10	"	15'	3+64.50	25.4	99.67
11	"	15'	4+00.00	25.7	102.69
12	"	15'	4+35.50	25'	104.31
13	"	15'	4+71.00	25'	106.53
14	"	15'	5+06.00	25'	108.72
15	"	37'	5+30.00	23'	110.23
16	"	37'	5+70.00	24'	111.31
60	"	35'	0+40.50	27.0	80.17
59	"	35'	0+80.00	25.7	82.63
58	"	35'	1+15.00	25.7	84.62
57	"	35'	1+50.00	25.2	86.72
56	"	35'	1+85.00	25.8	88.81
55	"	35'	2+20.00	25.7	90.90
54	"	35'	2+55.00	25'	92.99
53	"	35'	2+90.00	25.6	95.22
52	"	35'	3+25.00	25.7	97.40
51	"	35'	3+60.00	25.3	99.59
50	"	35'	3+95.00	25.2	101.78
49	"	35'	4+30.00	25'	103.97
48	"	35'	4+65.00	25'	106.15
47	"	35'	5+00.00	25'	108.34

NEON AVE.



26 31840987

Scale:
1" = 50' Horiz.
1" = 10' Vert.

NOTES

WATER:

- ALL GATE VALVES SHALL BE RESILIENT SEAT VALVES.
- ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE NOTED.
- STREETS SHALL BE GRADED TO + 1.0' PRIOR TO INSTALLATION OF UTILITIES.
- ALL METERS SHALL BE SIZED 3/4". SINGLE OR DOUBLE METER BOXES SHALL BE USED AS SHOWN ON THE PLANS.
- METERED SERVICES SHALL BE INSTALLED PER CITY STD. DETAIL W-10, W-14, W-15, W-16 AND W-18.
- TYPE "A" VALVE BOXES AND COVERS SHALL BE USED PER CITY STD. DETAIL W-2 AND W-4.
- ALL BLOCKING SHALL BE CONSTRUCTED PER CITY STD. DETAIL W-22.
- ALL FIRE HYDRANTS SHALL BE 4' BURY.
- STANDARD HYDRANTS SHALL BE CONSTRUCTED PER CITY STD. DETAIL W-20 AND W-21 AND AIR RELEASE FIRE HYDRANTS SHALL INCLUDE THE MODIFICATION SHOWN IN STD. DETAIL W-23.

SANITARY SEWER:

- ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE INDICATED.
- STREETS SHALL BE GRADED TO + 1.0' PRIOR TO INSTALLATION OF UTILITIES.
- ELECTRONIC MARKER DISCS SHALL BE PLACED PER SECTION 170 OF THE CITY STANDARD SPECIFICATIONS.
- SERVICE LINE TYPICAL LOCATIONS SHALL BE AS SHOWN ON THE "TYPICAL SERVICE LOCATIONS" ON THE "WATER AND SEWER DISTRIBUTION PLAN" SHEET.
- MANHOLES SHALL BE INSTALLED PER CITY STD. DETAIL S-2.
- ALL SERVICE LINES SHALL BE INSTALLED PERPENDICULAR TO THE MAIN, UNLESS OTHERWISE NOTED. PER CITY STD. DETAIL S-9.
- ALL PIPE LENGTHS ARE MEASURED FROM INSIDE OF MANHOLE TO INSIDE OF MANHOLE.

AS BUILT INFORMATION

CONTRACT NO. 00M

DATE 07

WORK ORDER NO. 00M

DATE 07

FILE NO. 00M

DATE 07

RECORDED BY 00M

DATE 07

BENCH MARKS

THE TBM IS LOCATED ON THE NW CORNER OF THE INTERSECTION OF INDIAN SCHOOL RD. N.E. AND MONTE LARGO DRIVE N.E.

FIRE HYDRANT TBM - NORTH BONNET BOLT ELEV. = 5910.49

SURVEY INFORMATION

FIELD NOTES

NO. BY DATE

ENGINEER'S SEAL

REVISIONS

NO.	DATE	REMARKS
1	2/87	DESIGN
2	2/87	SAH
3	2/87	DUG

DESIGNED BY DUG

DRAWN BY SAH

CHECKED BY DUG

CITY OF ALBUQUERQUE

PUBLIC WORKS

ENGINEERING

TITLE:

CITY LIGHTS SUBDIVISION

WATER & SEWER PLAN & PROFILE - NEON AVE.

APPROVALS

ENGINEER

DATE 7/7/87

LIQUID WASTE

TRAFFIC

WATER

APPROVALS

ENGINEER

DATE 7/7/87

LIQUID WASTE

TRAFFIC

WATER

DRAWING NO.

3184

MAP NO.

J-23

SHEET

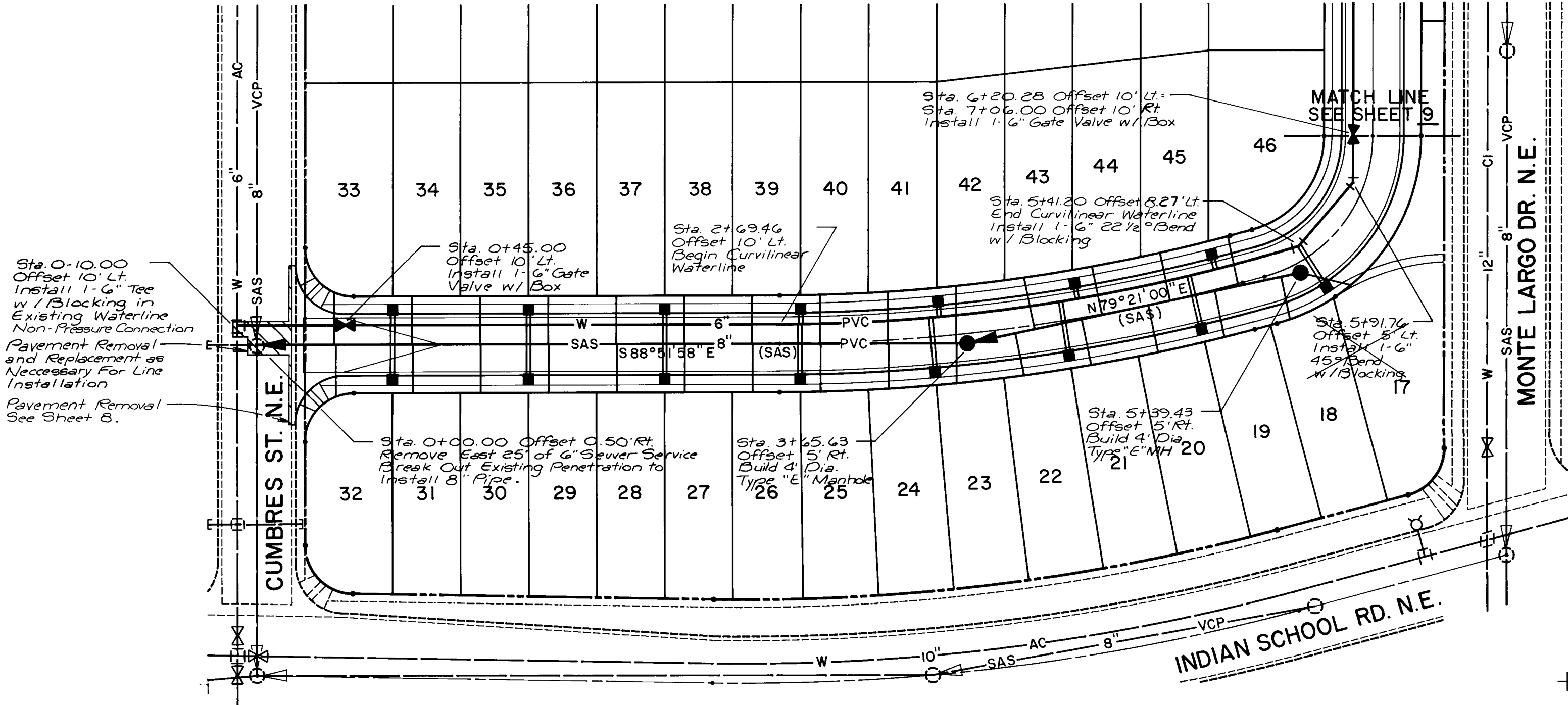
9

OF

11

WATERLINE CURVE DATA

Δ = 16° 38' 52"
R = 919.00'
L = 267.02'



WATER & SEWER SERVICES					
LOT	WL STATION	WL LENGTH	SAS STATION	SAS LENGTH	INV. AT
33	@ Side Lot	15'	0+39.50	27.2'	74.31
34	"	15'	0+79.50	25.1'	74.77
35	"	15'	1+14.50	26.4'	76.82
36	"	15'	1+49.50	25.3'	78.70
37	"	15'	1+84.50	25.4'	80.66
38	"	15'	2+19.50	25.2'	82.46
39	"	15'	2+54.50	25.4'	84.27
40	"	15'	2+89.50	25'	86.18
41	"	15'	3+24.50	25'	88.03
42	"	15'	3+59.00	25'	89.85
43	"	15'	4+01.40	25.4'	91.69
44	"	15'	4+36.90	25.4'	93.52
45	"	15'	4+72.50	25.4'	95.34
46	"	15'	5+08.00	27.7'	97.17
32	"	35'	0+40.50	27'	73.37
31	"	35'	0+80.50	25'	75.31
30	"	35'	1+15.50	25.3'	77.19
29	"	35'	1+50.50	25.4'	79.01
28	"	35'	1+85.50	25.4'	80.83
27	"	35'	2+20.50	25'	82.64
26	"	35'	2+55.50	25.3'	84.46
25	"	35'	2+90.50	25'	86.28
24	"	35'	3+25.50	25.2'	88.07
23	"	35'	3+60.00	25.6'	89.85
22	"	35'	3+91.00	25.4'	91.66
21	"	35'	4+25.90	25.4'	93.46
20	"	35'	4+61.00	25.4'	95.26
19	"	35'	4+95.50	25.3'	97.07
18	"	33'	5+30.00	22.5'	98.87
17	"	33'	5+40.00	26.7'	100.68

NOTES

- WATER:
1. ALL GATE VALVES SHALL BE RESILIENT SEAT VALVES.
 2. ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE NOTED.
 3. STREETS SHALL BE GRADED TO + 1.0' PRIOR TO INSTALLATION OF UTILITIES.
 4. ALL METERS SHALL BE SIZED 3/4". SINGLE OR DOUBLE METER BOXES SHALL BE USED AS SHOWN ON THE PLANS.
 5. METERED SERVICES SHALL BE INSTALLED PER CITY STD. DETAIL W-10, W-14, W-15, W-16 AND W-18.
 6. TYPE "A" VALVE BOXES AND COVERS SHALL BE USED PER CITY STD. DETAIL W-2 AND W-4.
 7. ALL BLOCKING SHALL BE CONSTRUCTED PER CITY STD. DETAIL W-22.

SANITARY SEWER:

1. ALL STATIONING IS BASED ON STREET CENTERLINE, UNLESS OTHERWISE INDICATED.
2. STREETS SHALL BE GRADED TO + 1.0' PRIOR TO INSTALLATION OF UTILITIES.
3. ELECTRONIC MARKER DISCS SHALL BE PLACED PER SECTION 170 OF THE CITY STANDARD SPECIFICATIONS.
4. SERVICE LINE TYPICAL LOCATIONS SHALL BE AS SHOWN ON THE "TYPICAL SERVICE LOCATIONS" ON THE "WATER AND SEWER DISTRIBUTION PLAN" SHEET.
5. MANHOLES SHALL BE INSTALLED PER CITY STD. DETAIL S-2 AND S-6.
6. ALL SERVICE LINES SHALL BE INSTALLED PERPENDICULAR TO THE MAIN, UNLESS OTHERWISE NOTED. PER CITY STD. DETAIL S-9.
7. ALL PIPE LENGTHS ARE MEASURED FROM INSIDE OF MANHOLE TO INSIDE OF MANHOLE.

ARGON AVE.

5920

5910

5900

5890

5880

5870

5920

5910

5900

RECORD DRAWING

This drawing, as modified, shows public improvements as indicated. These modifications have been made using information furnished by the City Engineer, the City Engineer's crew, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawing. Drawings prepared by the City of Albuquerque are the property of the City of Albuquerque and shall remain in the possession of the City of Albuquerque.

7-25-87
Date
Paul Brasher, Jr.
Professional Engineer
No. 7282
REGISTERED

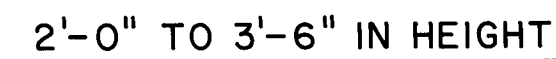
1 2 3 4 5 6 7 8 9 10 11 12
26 31 84 10 87

CITY OF ALBUQUERQUE
PUBLIC WORKS
ENGINEERING

TITLE:
CITY LIGHTS SUBDIVISION
WATER & SEWER PLAN & PROFILE - ARGON AVE.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/26/87	Liquid Waste	<i>[Signature]</i>	3-4-87
A-C-E-Design	"	"	Traffic	<i>[Signature]</i>	3-4-87
A-C-E-Hydrology	<i>[Signature]</i>	3-4-87	Water	<i>[Signature]</i>	3-4-87

DRAWING NO. 3184 MAP NO. J-23 SHEET 10 OF 11



SCALE: 3/4"=1'-0"

1. ALL FOOTINGS SHALL BE PLACED ON A MINIMUM OF 8" OF SCARIFIED AND MOISTENED FILL , COMPACTED TO A MINIMUM OF 95% OPTIMUM DENSITY PER ASTM D-1557.

2. RETAINING WALLS SHALL HAVE DUR-O-WALL PVC OR APPROVED EQUAL EXPANSION JOINTS AT A MAXIMUM OF 30'-0" SPACING.

3. ALL GROUT SHALL BE PER UBC SECTION 24 PLACED IN ACCORDANCE WITH THE LOW LIFT GROUTING METHOD.

4. GROUT SHALL CURE FOR A MINIMUM OF 7 DAYS PRIOR TO BACKFILLING. ALL BACKFILL SHALL BE CLEAN FILL COMPACTED TO A MINIMUM OF 90% OPTIMUM DENSITY PER ASTM D-1557.

5. ALL REINFORCING SHALL HAVE A MINIMUM LAP OF 30 BAR DIAMETERS OR 1'-6" MINIMUM. HORIZONTAL BOND BEAM REINFORCING SHALL TERMINATE ON EACH SIDE OF AN EXPANSION JOINT.

6. ALL FOOTING CONCRETE SHALL BE 3000 PSI AT 28 DAYS ,AIR-ENTRAINED WITH A MAXIMUM SLUMP OF 4", AND 3/4" AGGREGATE.

AS-BUILT INFORMATION			
INTRACTOR			
WORKED BY		DATE	
SPECTOR'S		DATE	
ACCEPTANCE BY		DATE	
FIELD		DATE	
VERIFICATION BY		DATE	
APPROVED BY		DATE	
MICRO-FILM INFORMATION			
RECORDED BY		DATE	

	BENCH MARKS
CC	THE TBM IS LOCATED ON THE NW CORNER OF THE INTERSECTION OF INDIAN SCHOOL RD. NE. AND MONTE LARGO DRIVE N.E.
WB	FIRE HYDRANT TBM — NORTH BONNET BOLT. ELEV. = 5910.49
WS	
AC	
FI	
PR	
RE	
N	

[illegible][illegible]

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

	CITY OF ALBUQUERQUE PUBLIC WORKS ENGINEERING	
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TITLE:	CITY LIGHTS SUBDIVISION DETAILS
--------	------------------------------------

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/17/87	Liquid Waste	W/W	3-4-8
A C E - Design	<i>[Signature]</i>	"	Traffic	NADWH	3/9/8
A C E - Hydrology	<i>[Signature]</i>	3-4-87	Water	W/W	3-4-8

DRAWING NO. 3184		MAP NO. J-23	SHEET 11 OF 11
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