

• L E G E N D •

MATERIALS

CONCRETE
RIP-RAP

LINES

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

EARTHWORK

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

MISCELLANEOUS UTILITIES

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

SANITARY SEWER

SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT

WATER

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

WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE

MISCELLANEOUS

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

CONSTRUCTION PLANS FOR THE
DEVELOPMENT OF
**EASTRIDGE RESIDENTIAL
DEVELOPMENT**

PAVING, SANITARY SEWER AND WATER LINE EXTENSION
APRIL, 1986

INDEX OF DRAWINGS

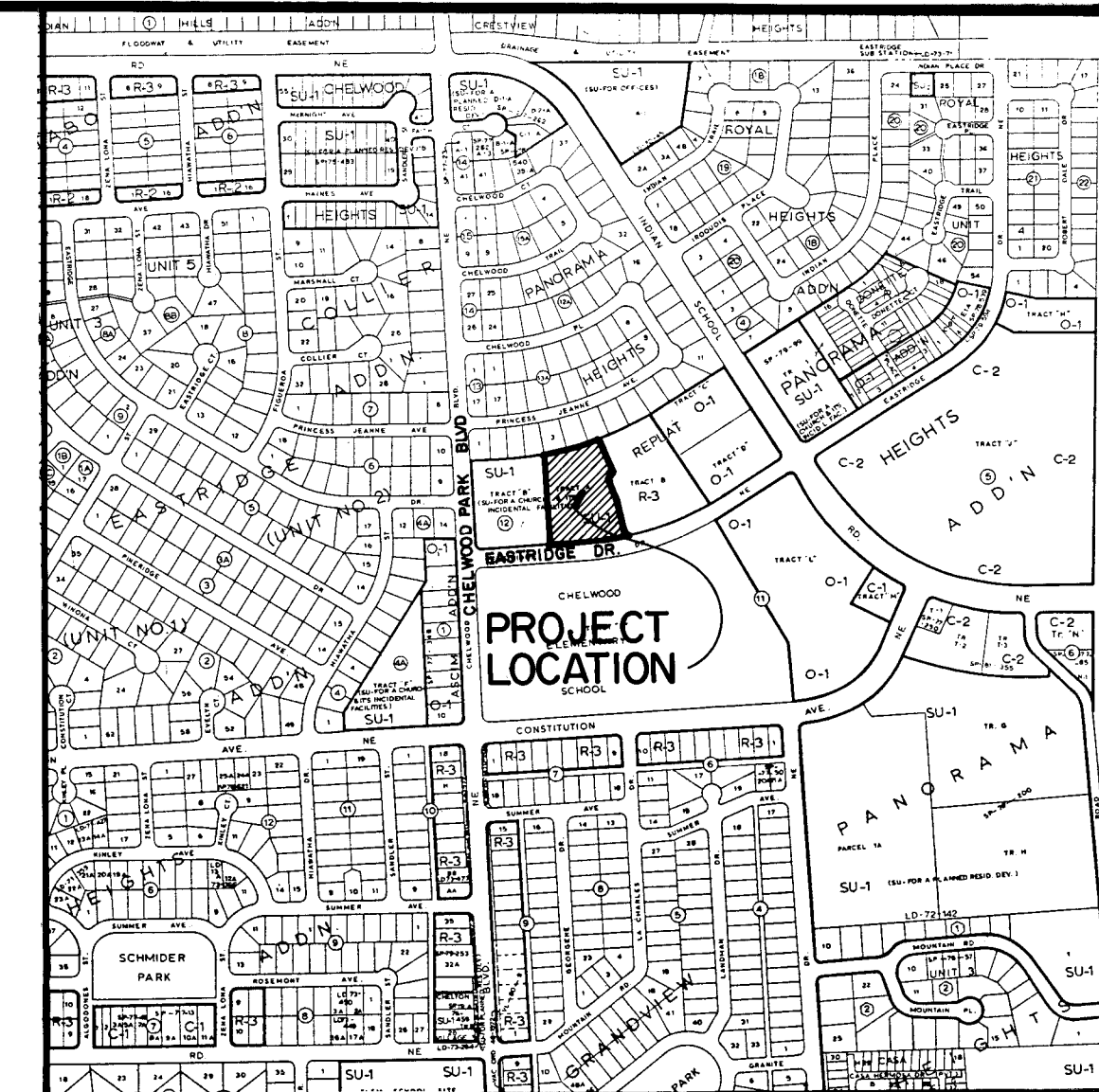
SHEET NO.	DESCRIPTION
1	COVER
2	PLAT
3	GRADING PLAN
4	PAVING PLAN & DETAILS
5	UTILITY SITE PLAN & DETAILS
6	SANITARY SEWER & WATER LINE PLAN & PROFILE
7	SANITARY SEWER & WATER LINE PLAN & PROFILE

AS-BUILT CERTIFICATION

I, David C. Clausen, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that these drawings represent the "as-built" conditions of this project to the best of my knowledge and belief.

All vertical and horizontal dimensions should be field verified prior to use on future projects.

David C. Clausen 3/2/87
Date
David C. Clausen
LS No. 6547



VICINITY MAP
SCALE: 1" = 800'
J-22

GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1985.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- THE CONTRACTOR MUST SUBMIT A CONSTRUCTION SIGNING AND BARRICADING PLAN TO TRAFFIC ENGINEERING TO RECEIVE A BARRICADING PERMIT PRIOR TO CONSTRUCTION.
- 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 WHEREEVER A NEW CURB RETURN IS CONSTRUCTED.
- IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
- ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

APPROVED AS-BUILT DRAWINGS
THOMAS J. HANCOCK
5-12-87

26 290 401 87

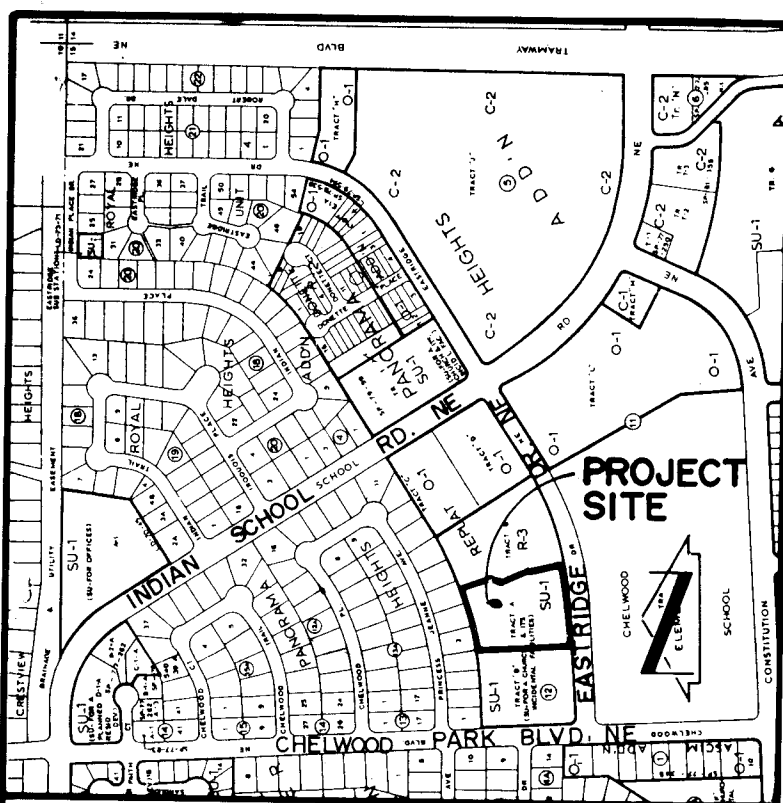
REV	SHEETS	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
6	7	8/27/86				
7		8/27/86				

APPROVAL OF REVISIONS



2904

APPROVED FOR
CONSTRUCTION
8/28/86
SHEET 1 OF 7

VICINITY MAP J-22
SCALE: 1" = 800'

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING
C1	6.00	0° 18' 52"	1093.45	6.00	S 89° 57' 50" W
C2	1.32	0° 20' 18"	1093.45	9.32	S 89° 58' 38" W

LINE	BEARING	DISTANCE
1.1	N 84° 01' 12" E	8.00
1.2	N 7° 58' 48" W	12.00
1.3	N 84° 01' 12" E	10.00
1.4	S 7° 58' 48" W	12.00
1.5	N 7° 58' 48" W	12.00
1.6	S 84° 01' 12" E	18.00
1.7	N 7° 58' 48" W	12.00
1.8	N 84° 01' 12" E	8.00
1.9	N 7° 58' 48" W	12.00
1.10	S 7° 58' 48" W	12.00
1.11	N 7° 58' 48" W	12.00
1.12	N 7° 58' 48" W	12.00
1.13	S 84° 01' 12" E	8.00
1.14	N 7° 58' 48" W	12.00
1.15	N 7° 58' 48" W	12.00
1.16	N 7° 58' 48" W	12.00
1.17	N 7° 58' 48" W	12.00
1.18	N 7° 58' 48" W	12.00
1.19	N 7° 58' 48" W	12.00
1.20	N 7° 58' 48" W	12.00
1.21	N 7° 58' 48" W	12.00
1.22	N 7° 58' 48" W	12.00
1.23	N 7° 58' 48" W	12.00
1.24	N 7° 58' 48" W	12.00

AS-BUILT CERTIFICATION

I, David C. Clausen, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that these drawings represent the "as-built" conditions of this project to the best of my knowledge and belief.

All vertical and horizontal dimensions should be field verified prior to use on future projects.

David C. Clausen 7/8/87
David C. Clausen
LS No. 6247



81 DALLAS NE ALBUQUERQUE NEW MEXICO 87110
ENGINEERS
JOB NO. 40952

SUBDIVISION PLAT OF 55 80265
EASTRIDGE RESIDENTIAL DEVELOPMENTA REPLAT OF
TRACT A, BLOCK 12-A

PANORAMA HEIGHTS

ALBUQUERQUE, NEW MEXICO

APRIL, 1986

DESCRIPTION

A certain tract of land located within the Corporate Limits of the City of Albuquerque, New Mexico, comprising Tract A, Block 12-A, Panorama Heights, as shown on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico, on March 12, 1968, Book C-6, Page 204, and being more particularly described as follows:

Beginning at the southwest corner of the parcel herein described, being a point on the north right-of-way line of Eastridge Drive N.E.; thence N 00° 45' 45" W a distance of 377.70 feet; thence along the arc of a curve to the left with DELTA = 11° 12' 41", R = 1285.89 feet and L = 251.62 feet; thence S 19° 27' 50" W a distance of 128.74 feet; thence S 11° 14' 07" W a distance of 58.15 feet; thence S 19° 27' 50" W a distance of 83.52 feet; thence S 10° 06' 46" E a distance of 159.06 feet to a point on the north right-of-way line of Eastridge Drive N.E.; thence along the arc of a curve to the right with DELTA = 09° 21' 01", R = 1093.45 feet and L = 378.44 feet along said right-of-way line; thence S 89° 14' 15" W a distance of 150.00 feet along said right-of-way line to the point of beginning and containing 2.6908 acres more or less.

- A field survey was performed on 5-1-86.
- No street alleys were created.
- All distances are ground distances.
- Site located within Section 15, T10N, R4E, N.M.P.M.

5. Hearing held in place of "Block 12-A, Panorama Heights Subdivision" filed March 12, 1968, Book C-6, Page 204.

6. The purpose of this plat is to subdivide Tract A herein.

7. Maintenance of the private ingress and egress easements granted by this plat shall be the responsibility of the homeowners association.

8. UTILITY EASEMENTS: Utility easements dedicated by this plat are granted for the common and joint use and benefit of:

a) The City of Albuquerque for installation, service and maintenance of water and sewer lines, gas, telephone and other related equipment and facilities reasonably necessary to deliver potable water to the residents of the subdivision and provide a liquid waste disposal system in accordance with the plans and procedures of the City of Albuquerque.

b) The Public Service Company of New Mexico for installation, maintenance and service of electrical lines, transformers and other equipment and facilities reasonably necessary to provide electrical service to the residents of the subdivision.

- The Gas Company of New Mexico for installation of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas to the residents of the subdivision.
- Mountain Bell for the installation, service and maintenance of all telephone lines, switching equipment and other related equipment and facilities reasonably necessary to provide telephone service to the residents of the subdivision.

9. ACCESS EASEMENTS: The City of Albuquerque is hereby granted access via private ingress and egress easements shown for the purpose of allowing its various operating departments to provide service to the residents of the subdivision in the same manner as and to the same extent as though the referenced tract were dedicated public streets.

"Operating departments" as referred to above shall include, but shall not be limited to, the departments of the City providing the following services:

- Police protection
- Fire protection
- Water resources
- Solid waste and refuse disposal
- Animal control
- Planning
- Sanitation

All owners of the subdivision are granted the right to access their property over and across the referenced private ingress and egress easements. Security gates shall be open 24 hours a day.

Within the water and sanitary sewer easements, the City of Albuquerque shall have the exclusive right to place, install, maintain, repair, replace, remove, relocate, and otherwise use any and all water and sewer lines within six (6) feet of the centerline of a water or sewer line except for the purpose of installing, maintaining, repairing, replacing, removing, relocating, or otherwise using any and all water and sewer lines within six (6) feet of the centerline of a water or sewer line.

Within the gas easements, the City of Albuquerque shall have the exclusive right to place, install, maintain, repair, replace, remove, relocate, and otherwise use any and all gas lines within six (6) feet of the centerline of a gas line except for the purpose of installing, maintaining, repairing, replacing, removing, relocating, or otherwise using any and all gas lines within six (6) feet of the centerline of a gas line.

Within the telephone easements, the City of Albuquerque shall have the exclusive right to place, install, maintain, repair, replace, remove, relocate, and otherwise use any and all telephone lines within six (6) feet of the centerline of a telephone line except for the purpose of installing, maintaining, repairing, replacing, removing, relocating, or otherwise using any and all telephone lines within six (6) feet of the centerline of a telephone line.

Each lot shall contain a 7' wide easement for electrical service lines. The centerline of said easements shall be defined as the constructed location of the service lines.

10. Each lot shall contain a 7' wide easement for electrical service lines. The centerline of said easements shall be defined as the constructed location of the service lines.

DEDICATION AND FREE CONSENT
The undersigned owners of the land shown hereon do hereby consent to the subdivision of said land in the manner shown on this plat and do hereby grant the easements shown hereon including the rights of ingress, egress and the right to trim interfering trees.

COPIES TO: 18 June 86
ROGER C. SMITH
Date

ACKNOWLEDGEMENT
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) SS

The foregoing instrument was acknowledged before me on this 18th day of June, 1986.

Notary Public
Charles G. Cala, Jr.
Date

APPROVALS:
Richard P. Pimen 8-26-86
Planning Director, City of Albuquerque, N.M.
Date

Rhonda M. Doughty 7-17-86
Water Utilities, City of Albuquerque, N.M.
Date

John J. Piquin 8/20/86
City Engineer, City of Albuquerque, N.M.
Date

John J. Piquin 8/20/86
City Engineer, City of Albuquerque, N.M.
Date

Charles G. Cala, Jr. 7-8-86
Notary Public, State of New Mexico
Date

James J. Davis 7-8-86
Notary Public, State of New Mexico
Date

Charles G. Cala, Jr. 8/20/86
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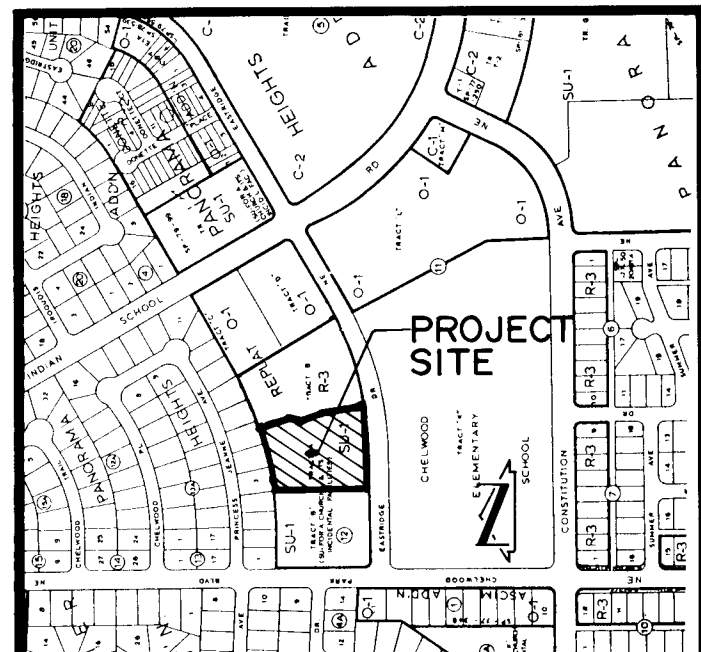
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Charles G



VICINITY MAP
SCALE: 1" = 800'

LEGEND

- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION
- PROPOSED CONTOUR
- EXISTING CONTOUR
- SWALE
- PROPERTY LINE
- CONCRETE
- PROPOSED ASPHALT
- PROPOSED FENCE
- EXISTING FENCE
- TOP OF CURB
- TOP OF CURB
- FLOW LINE
- TC 02.00
- FL 01.05

CONSTRUCTION NOTES

1. TWO (2) MONTHS DATE PRIOR TO ANY EXCAVATION, CONTRACTOR MUST OBTAIN LINE LOCATING SERVICE (NLS) FOR LOCATION OF EXISTING UTILITIES.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL UTILITIES. SHOULD A CORRECT IDENTIFY, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONTRACTOR CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE ORDINANCES AND PROCEDURES.

EROSION CONTROL MEASURES

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR INTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BARRIERS AT THE PROPERTY LINES AND HITTING THE SOIL TO KEEP IT FROM ERODING.
2. THE CONTRACTOR SHALL PROPERLY CLEAR UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATION IS SUSCEPTIBLE TO BEING HAZARDOUS TO THE STREET.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

PROJECT BENCHMARK

A STANDARD JCS 100000 TABLET
STAMPED "11-122-1979-581 FLUSH
WITH THE SIDEWALK LOCATED AT THE
INTERSECTION OF CONSTITUTION AVE. N.E.
AND LA CHARLES DR. N.E.
ELEVATION: 6730.41 FEET (M.S.L.D.)
LEGAL DESCRIPTION
TRACT A, BLOCK 12-A, PANORAMA HEIGHTS

AS-BUILT CERTIFICATION

I, David C. Clausen, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that these drawings represent the "as-built" conditions of this project to the best of my knowledge and belief.

All vertical and horizontal dimensions should be field verified prior to use on future projects.

DRAINAGE PLAN

The following items concerning the Eastridge Residential Development Drainage Plan are contained herein:

1. Vicinity Map
2. Grading Plan
3. Calculations

The proposed improvements, as shown by the Vicinity Map, are located on the north side of Eastridge Drive N.E. and east of Chelwood Park Drive N.E. At present the site is undeveloped. All of the surrounding parcels with the exception of the one parcel to the east are developed.

As shown by Plate J-22 of the Albuquerque Master Drainage Study, the site does not lie within a designated Flood Hazard Zone. Further study of this plate reveals that the site is an infill site and that flooding does not occur in the immediate vicinity. There is an existing storm drain system in Eastridge Drive and in Chelwood Park Boulevard. Flooding will occur in the vicinity of Juan Tabo and Lomas, but this is some distance downstream and this site will not impact that flooding.

The Grading Plan shows 1) existing and proposed grades indicated by spot elevations and contours at 1' 0" intervals, 2) continuity between the existing and proposed elevations, 3) the limit and character of the existing improvements, and 4) the limit and character of the proposed improvements. As shown by this plan, the proposed improvements consist of the construction of 32 patio homes with associated streets, landscaping and parking. The project is serviced by a "U" shaped street entering and exiting from Eastridge Drive. The site drains from east to west. Currently the land to the north and west is developed. The land to the north is separated from the project site by a wall, while the land to the west is lower than the project site. Eastridge Drive is along the south side of the project and approximately parallel to it. The one remaining undeveloped parcel to the east is higher than the project site and will contribute approximately 3.5 cfs of flow during the 100-year event. As shown by the grading plan, there is a swale in the site to the east which will collect waters from that site. A weir (a one foot opening) will be placed in the retaining wall as a temporary outlet to receive the offsite waters onto the project site. When the eastern parcel is developed, that parcel will be responsible for diverting their waters to Eastridge Drive. Until that time, the existing flows will be accepted into the project site. Storm water runoff within the site will be routed to the streets of the subdivision. Although the streets are private streets, standard 8" curb will be utilized to convey the flows along the streets. The runoff is conveyed to Eastridge Drive at the western most intersection where it will be accepted by an existing catch basin in Eastridge Drive. Excess runoff will continue west to Chelwood Park Boulevard where it will be accepted by the existing catch basins. Any further runoff will continue south in Chelwood Park Boulevard to Constitution Avenue, west in Constitution Avenue to Juan Tabo Boulevard where another storm drain system will accept runoff. Runoff then flows south in Juan Tabo Boulevard to the above mentioned site where flooding does occur.

At the present time only the parcel to the east and the Blue Cross parcel on the south side of Eastridge contribute flows to Eastridge. The existing flows are less than the capacity of the street plus the storm sewer system.

The calculations which appear herein analyze both the existing and developed conditions for the 100-year, 6-hour rainfall event. The Rational Method, as previously submitted for this project (J-22/D49), has been used for this analysis in accordance with the City of Albuquerque Development Process Manual, Volume 11. As shown by these calculations, the proposed improvements will result in an increase of runoff discharged from the site. This runoff will not exceed the capacity of Eastridge Drive, nor will it contribute to any flooding in the vicinity. Because of existing storm drain in Eastridge Drive and Chelwood Park Boulevard, and the fact that this is an infill site, the free discharge of runoff from this site is appropriate.

CALCULATIONS

Ground Cover Information

From SCS Bernalillo County Soil Survey, Plate 32:
SMB Smbude
Hydrologic Soil Group B

Rational Method

Discharge: $Q = CIA$
where C varies
 $i = F_p (6.84) \tau^{-0.51} = 5.28 \text{ in./hr}$
 $F_p = 2.5 \text{ in (DPM Plate 22.2 D-1)}$
 $\tau = 10 \text{ min (minimum)}$
 $A = \text{area, acres}$
Volume: $V = (C_p A (1/12))$
where C varies
 $F_p = 2.5 \text{ in (DPM Plate 22.2 D-1)}$
 $A = \text{area, acres}$

Existing Condition

$A_{\text{total}} = 117,176 \text{ sf} = 2.69 \text{ Ac}$
 $A_{\text{imp}} = 0 \text{ sf}; \text{ \% impervious} = 0\%$
 $C_{100} = CIA = 0.34(5.28)(2.69) = 4.8 \text{ cfs}$
 $V_{100} = C_p A = 0.34(2.5/12)(117,176) = 8,300 \text{ cf}$

Developed Condition
 $A_{\text{total}} = 117,176 \text{ sf} = 2.69 \text{ Ac}$
 $A_{\text{imp}} = 99,600 \text{ sf}; \text{ \% impervious} = 85\%$
 $C_{100} = 0.81 \text{ (DPM Plate 22.2 C-1)}$
 $C_{100} = CIA = 0.81(5.28)(2.69) = 11.5 \text{ cfs}$
 $V_{100} = C_p A = 0.81(2.5/12)(117,176) = 19,773 \text{ cf}$

Comparison

$\Delta Q_{100} = 11.5 - 4.8 = 6.7 \text{ cfs (increase)}$
 $\Delta V_{100} = 19,773 - 8,300 = 11,473 \text{ cf (increase)}$

Street Capacity

$Q = 1.49/n \text{ AR}^2/361/2$
 $A = (0.33 \times 22) 1/2 + 0.33 \times 22 = 10.89 \text{ s.f.}$
 $R^{2/3} = (10.89/22.67)^{2/3} = 0.61$
 $1/2 = (0.0081)^{1/2} = 0.0894$
 $Q = 1.49/0.003 (10.89) 0.61 (0.0894) = 29.5 \text{ cfs}$

Weir Capacity

$Q = 3.33 \text{ Lh}^{3/2}$
 $Q = 3.33 (3) (0.5)^{3/2} = 3.53 > 3.5 \text{ cfs}$

24 29 04 03 87

SECTION A-A

SCALE: 1" = 2'

NO.	DATE	BY	REVISIONS
1	5-27-98	T.M.	REVISED GRADES

DESIGNED BY	T.M.
DRAWN BY	S.G.H.
APPROVED	T.M.

JOB NO.	40952
DATE	3-86

FOR INFORMATION ONLY
GRADING & DRAINAGE PLAN
EASTRIDGE RESIDENTIAL DEVELOPMENT

FILE NO.	
SHEET	3 OF 7

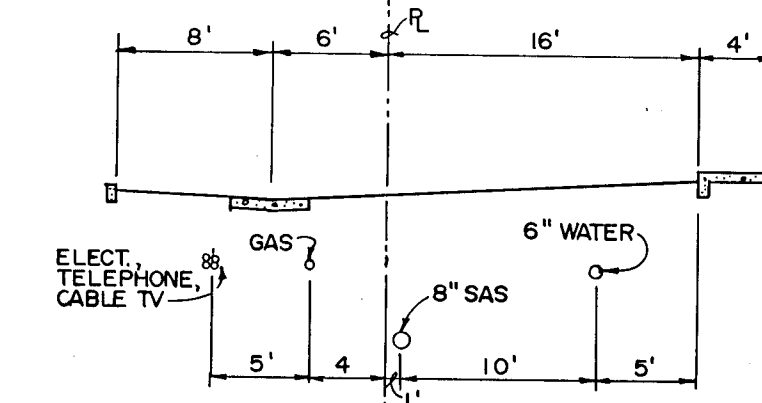
SCALE: 1" = 20'

AS-BUILT CERTIFICATION

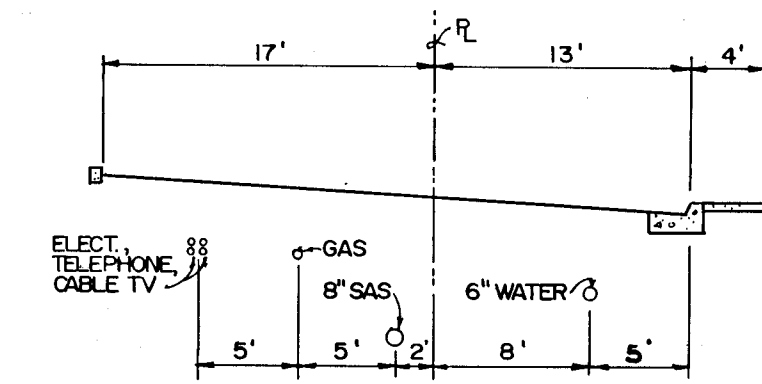
I, David C. Clausen, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that these drawings represent the "as-built" conditions of this project to the best of my knowledge and belief.

All vertical and horizontal dimensions should be field verified prior to use on future projects.

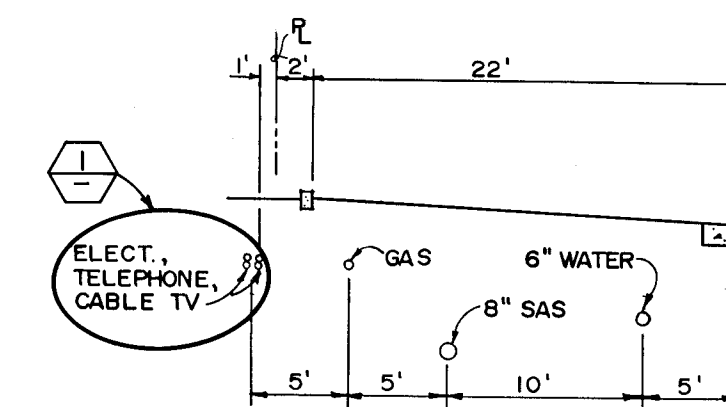
David C. Clausen 3/8/87
David C. Clausen Date
LS No. 6547



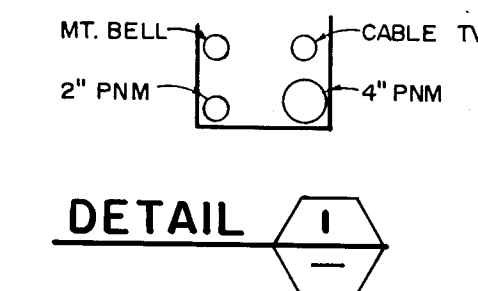
SECTION A-A
SCALE: 1" = 10'



SECTION B-B
SCALE: 1" = 10'



SECTION C-C
SCALE: 1" = 10'



LEGEND

- W — WATERLINE
- SAS — SANITARY SEWER LINE
- E — ELECTRICAL, TELEPHONE, CABLE TV LINES
- G — GAS LINE
- ▽ — PNM TRANSFORMER
- — PNM PEDESTAL

NOTE:

1. CONTRACTOR SHALL INSTALL 2" PVC RIGID CONDUIT FROM TRANSFORMER OR PEDESTAL TO HOUSE.

26 29040587

APPROVED FOR
CONSTRUCTION

CITY ENGINEER DATE

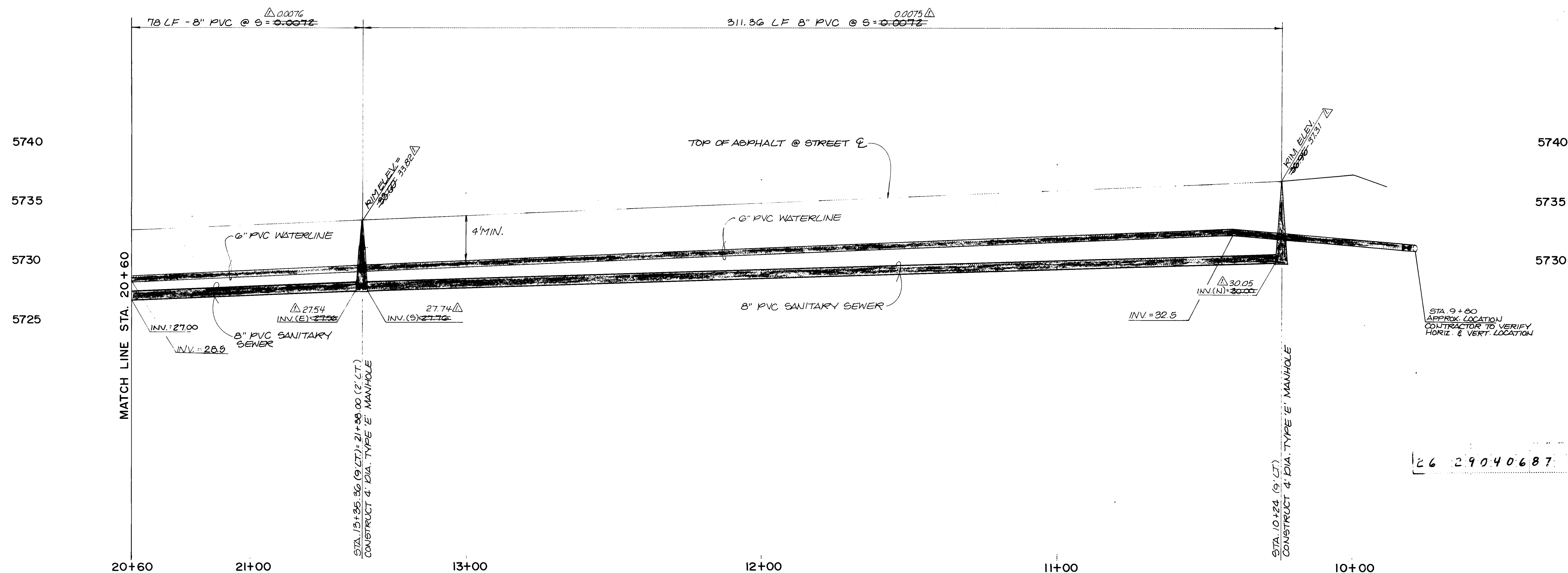
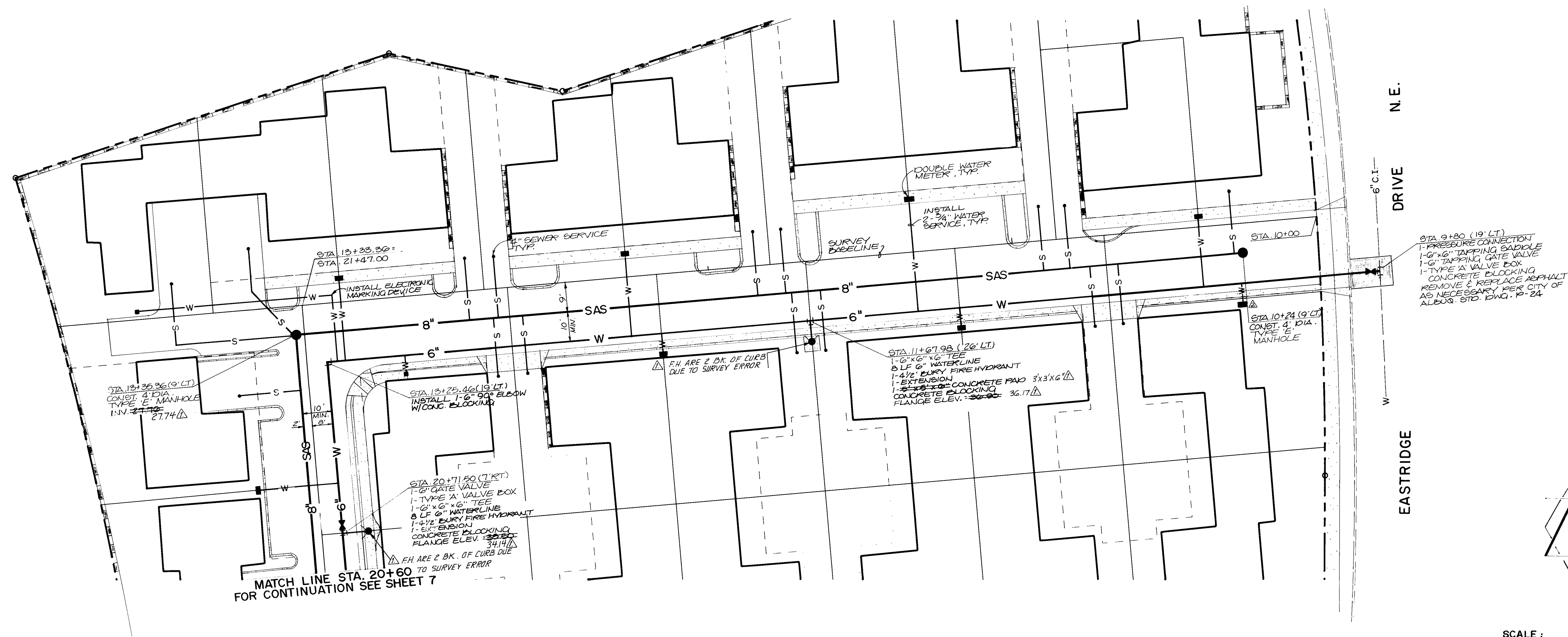
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
TITLE: EASTRIDGE RESIDENTIAL DEVELOPMENT
UTILITY SITE PLAN AND DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Robert H. H. H.	6/13/86	Liquid Waste	W. H. H.	6/13/86
A.C.E. - Design	Robert H. H. H.	6/13/86	Traffic	N.A.D.W.H.	6/13/86
A.C.E. - Hydrology	Robert H. H. H.	6/13/86	Water	W. H. H.	6/13/86

DRAWING NO. 2904 MAP NO. J-22 SHEET 5 OF 7



BY
REMARKS
NO. DATE



SANITARY SEWER SYSTEM

1. ALL STATIONING IS BASED ON SURVEY
BASE LINE UNLESS INDICATED
OTHERWISE.
2. ALL SEWER PIPE SHALL BE P.V.C.
(SDR 35) UNLESS OTHERWISE NOTED.
3. SLOPES SHOWN ON THE PROFILES ARE
BASED ON TRUE DISTANCES.
4. ALL MANHOLES SHALL BE 4-FOOT
DIAMETER TYPE "B" AS PER CITY OF
ALBUQUERQUE STANDARD DRAWING S-2
UNLESS OTHERWISE NOTED.
5. SEWER SERVICE LATERALS SHALL BE
PROVIDED WITH ELECTRONIC MARKER
DISCS AS PER CITY OF ALBUQUERQUE
STANDARD DRAWING S-9.

WATER DISTRIBUTION SYSTEM

6. ALL STATIONING IS BASED ON SURVEY BASE LINE.
7. WATER MAIN SHALL BE P.V.C. (C-900) OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.
8. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'-0" (TOP OF CURB TO TOP OF PIPE).
9. WATER LINE SHALL BE LOCATED 10'-0" FROM AND PARALLEL TO SEWER LINE UNLESS OTHERWISE NOTED.
10. CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES.

AS-BUILT CERTIFICATION

I, David C. Clausen, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that these drawings represent the "as-built" conditions of this project to the best of my knowledge and belief.

~~All vertical and horizontal dimensions should be field verified prior to use on future projects.~~

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

David C. Clausen
LS No. 6547



		WATER SERVICES		
STA		RT/LT	DIST	SGL/DBL
A	10+38.60	RT	23'	DBL
	10+24.98	LT	7'	DBL
	11+18.98	LT	7'	DBL
	11+32.60	RT	37'	DBL
	12+16.98	LT	7'	DBL
	12+26.60	LT	27'	SGL
	13+06.00	LT	7'	SGL
	13+20.60	RT	7'	DBL
	13+23.00	RT	22'	SGL
	20+88.00	LT	27'	DBL

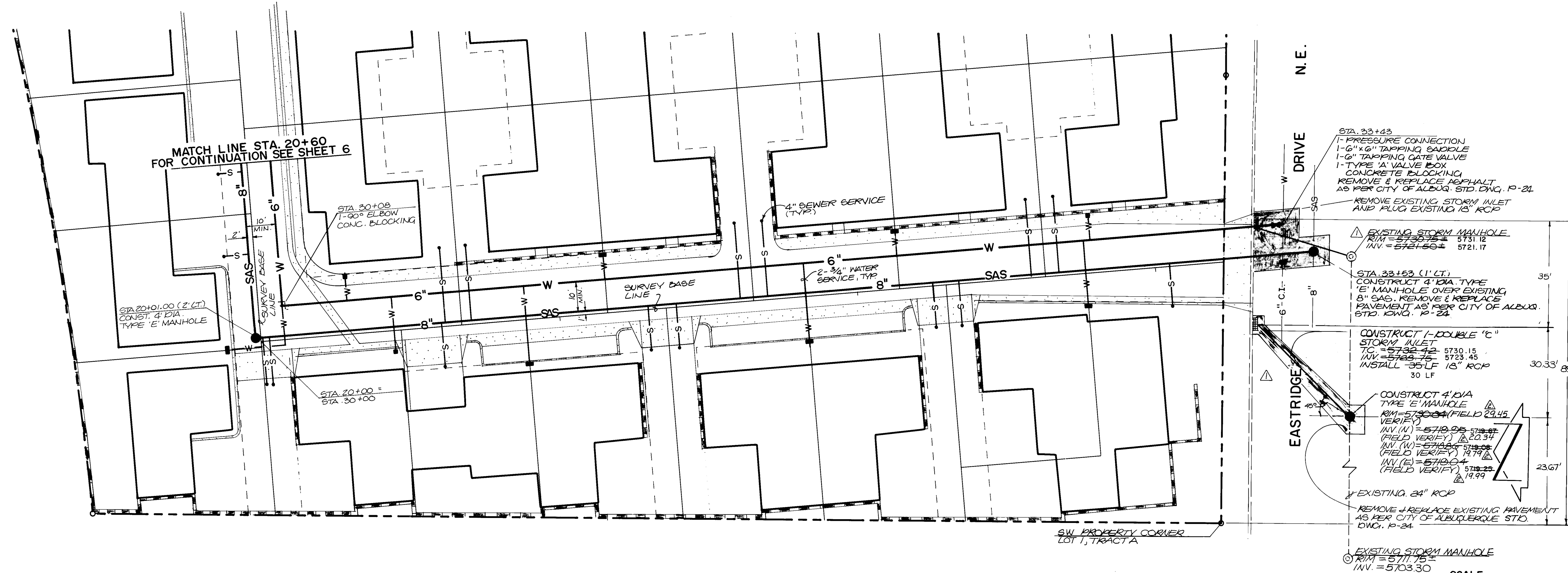
SEWER SERVICES			
STA	RT/LT	DIST.	ELEV. @ R
10+27.00	RT	20'	30.40
10+65.48	LT	20'	30.12
10+74.98	LT	20'	30.06
10+81.10	RT	20'	30.03
10+90.10	RT	20'	29.97
11+63.48	LT	20'	29.44
11+72.48	LT	20'	29.37
11+75.10	RT	20'	29.35
11+84.10	RT	20'	29.29
12+61.48	LT	20'	28.73
12+70.48	LT	20'	28.67
12+69.10	RT	20'	28.68
12+78.10	RT	20'	28.61
13+49.00	RT	30'	28.68
13+76.00	RT	20'	28.82
21+19.50	LT	20'	27.82

9/86 REVISED & RELOCATE
WATER METER SERVICE
L.P.U.

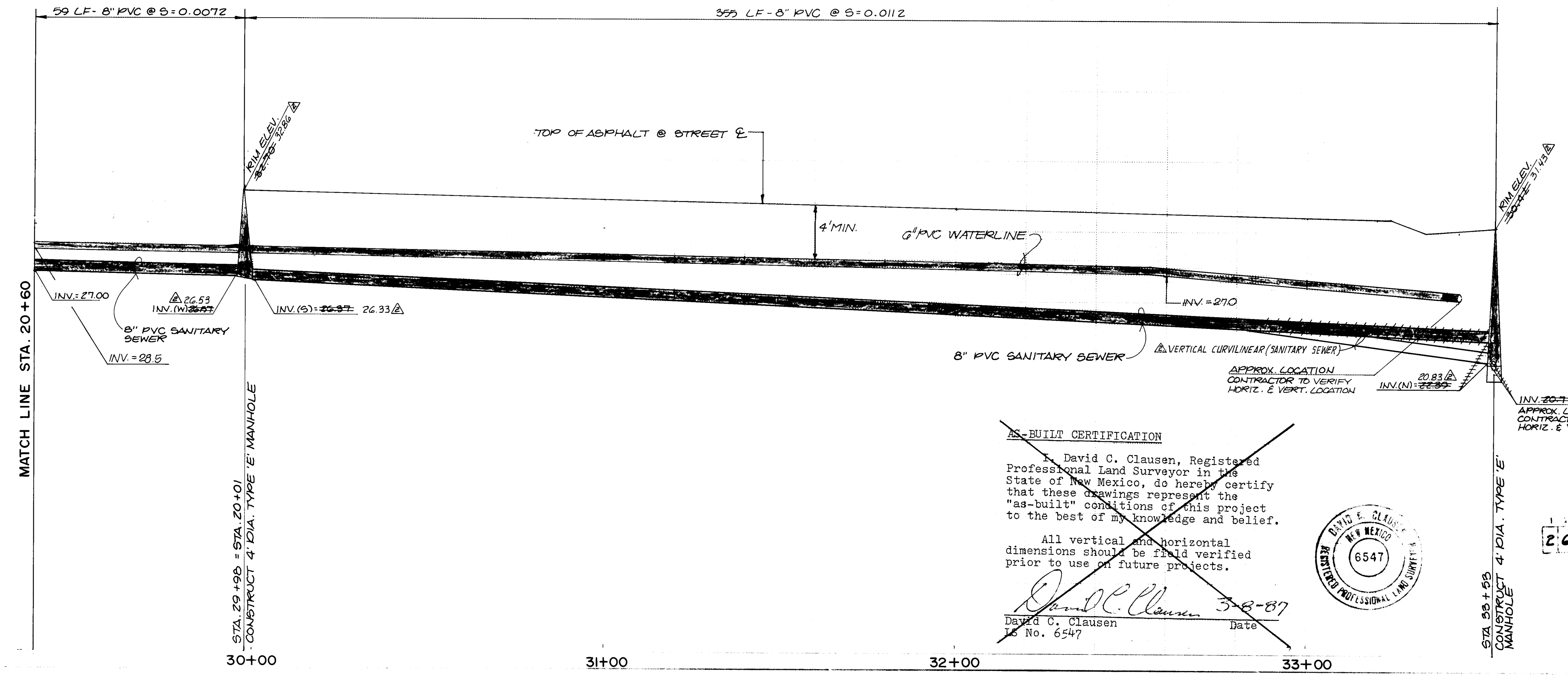
T.T.M.	4/86
S.G.H.	4/86
T.T.M.	4/86

EASTRIDGE RESIDENTIAL DEVELOPMENT
SANITARY SEWER & WATERLINE PLAN & PROFILE

2904 J-22 6 7



GEORGENE DR.



AS-BUILT CERTIFICATION
I, David C. Clausen, Registered Professional Land Surveyor in the State of New Mexico, do hereby certify that these drawings represent the "as-built" conditions of this project to the best of my knowledge and belief.
All vertical and horizontal dimensions should be field verified prior to use on future projects.
David C. Clausen
No. 6547
Date 3-8-87



SANITARY SEWER SYSTEM

- ALL STATIONING IS BASED ON SURVEY BASE LINE UNLESS INDICATED OTHERWISE.
- ALL SEWER PIPE SHALL BE P.V.C. (SDR 35) UNLESS OTHERWISE NOTED.
- SLOPES SHOWN ON THE PROFILES ARE BASED ON TRUE DISTANCES.
- ALL MANHOLES SHALL BE 4-FOOT DIAMETER TYPE "E" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-2 UNLESS OTHERWISE NOTED.
- SEWER SERVICE LATERALS SHALL BE PROVIDED WITH ELECTRONIC MARKER DISCS AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-9.

WATER DISTRIBUTION SYSTEM

- ALL STATIONING IS BASED ON SURVEY BASE LINE.
- WATER MAIN SHALL BE P.V.C. (C-900) OR AS APPROVED BY THE CITY OF ALBUQUERQUE WATER RESOURCES DIVISION.
- WATER LINE SHALL HAVE A MINIMUM COVER OF 4'-0" (TOP OF CURB TO TOP OF PIPE).
- WATER LINE SHALL BE LOCATED 10'-0" FROM AND PARALLEL TO SEWER LINE UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES.

STORM DRAIN SYSTEM

- MANHOLE SHALL BE 4-FOOT DIAMETER TYPE "E" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING S-2.
- STORM DRAIN INLET SHALL BE DOUBLE "C" AS PER CITY OF ALBUQUERQUE STANDARD DRAWING K-5.
- ALL RCP SHALL BE A.S.T.M. CLASS IV.
- CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING STORM DRAIN SYSTEM AND UTILITIES.

AS BUILT INFORMATION

AS BUILT INFORMATION
A STANDARD ACS BRASS TABLET
STAMPED "11-22-1979" SET FLUSH WITH THE SIDEWALK LOCATED AT THE SOUTH- WEST CORNER OF THE INTERSECTION OF CONSTITUTION AVE. N.E. & LA CHARLES DR. N.E.
ELEVATION = 5730.41 FEET (M.S.L.D.)

ENGINEER'S SEAL

THOMAS J. MANN, JR.
NEW MEXICO
LAND SURVEYOR

STA	RT/LT	DIST.	SGL/DBL
19+98.00	LT	20'	DBL
30+30.00	RT	9'	SGL
30+45.00	RT	19'	SGL
30+89.00	RT	27'	DBL
31+16.38	LT	9'	DBL
31+83.00	RT	27'	DBL
32+14.38	LT	9'	DBL
32+77.00	RT	23'	DBL
32+79.00	LT	9'	SGL

STA	RT/LT	DIST.	ELEV @ R
20+57.00	LT	10'	27.18
20+29.00	LT	10'	26.98
30+02.00	RT	15'	26.66
30+03.00	RT	15'	26.62
30+61.00	RT	15'	25.97
30+62.00	LT	25'	26.17
30+71.00	LT	25'	26.07
31+30.50	RT	15'	25.20
31+39.50	RT	15'	25.10
31+61.00	LT	25'	25.06
31+70.00	LT	25'	24.96
32+25.00	RT	15'	24.13
32+34.50	RT	15'	24.03
32+59.00	LT	25'	23.97
32+68.00	LT	25'	23.87
33+05.00	RT	15'	23.24

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE
EASTRIDGE RESIDENTIAL DEVELOPMENT
SANITARY SEWER & WATERLINE PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	John H. ...	6/18/86	Liquid Waste	John H. ...	6/18/86
ACE Design	Robert ...	6/18/86	Traffic	NA DWH	6/13/86
ACE Hydrology	...	...	Water	John H. ...	6/13/86

DRAWING NO	MAP NO	SHEET	OF
2904	J-22	7	7