CITY OF
Albuquerque

CONSTRUCTION PLANS FOR

SUNRISE TERRACE WEST UNIT 3 SUBDIVISION

GRADING, PAVING AND UTILITIES

MAY, 1997

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UTILITY COMPANY CONTACTS

CITY OF ALBUQUERQUE
(WATER & SANITARY SEWER)
GREG OLSON
PWD/UTILITY DESIGN
P.O. BOX 1293
ALBUQUERQUE, NM 87103
(505) 768-2719

PNM
JIM VANN
4201 EDITH BLVD., NE
ALBUQUERQUE, NM 87107
(505) 848-3426

GAS CO.
DEBBIE O'CALLAGHAN
4625 EDITH BLVD., NE
ALBUQUERQUE, NM 87107
(505) 761-7705

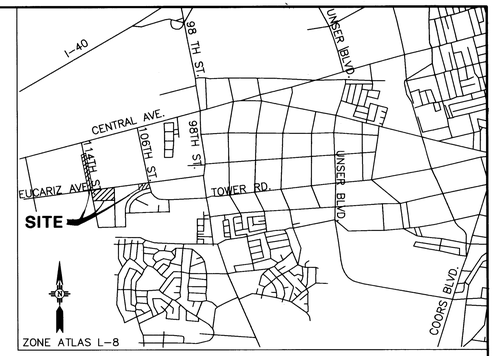
US WEST COMMUNICATIONS
NORMA CARRILLO
201 THIRD STREET, NW
P.O. BOX 1355, STA. 952
ALBUQUERQUE, NM 87103
(505) 245-8706

AT&T
ISHMAEL PANTOJA
111 THIRD STREET, NW
ALBUQUERQUE, NM 87103
(505) 842-2806

JONES INTERCABLE
KAREN SHORE
4611 MONTBEL PL., NE
P.O. BOX 27138
P.O. BOX 1293
ALBUQUERQUE, NM 87125-7138
(505) 761-6220

VICINITY MAP

NOT TO SCALE



GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986, EDITION AS AMENDED WITH UPDATE NO. 6.
2. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER, AND SHALL BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF GENERAL CONDITIONS OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE DIVISION ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.
4. ALL EXISTING UTILITIES SHOWN HERE WERE TAKEN AS ACCURATELY AS POSSIBLE FROM RECORD DRAWINGS AND SURFACE INDICATIONS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY, TO PROTECT, MAINTAIN IN SERVICE, AND VERIFY EXACT LOCATIONS OF ALL AFFECTED UTILITIES DURING CONSTRUCTION OF THIS PROJECT.
5. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, (260-1990) FOR LOCATION OF EXISTING UTILITIES.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS AND EXISTING PAVEMENT. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUT OF DELAY.
7. UTILITY RELOCATION AND NEW UTILITIES INSTALLATIONS REQUIRED BY THE CONSTRUCTION OF THIS PROJECT ARE TO BE COORDINATED BY THE CONTRACTOR DURING CONSTRUCTION. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
8. THE CONTRACTOR SHALL CONTACT WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO NEEDING SHUT-OFF OR TURN-ON OF VALVES. ONLY CITY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
9. 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.
10. ALL DISTURBED AREAS LEFT EXPOSED AFTER THE COMPLETION OF CONSTRUCTION SHALL BE SEEDED PER SECTION 1012 OF THE SPECIFICATIONS.
11. CONTRACTOR SHALL PROVIDE A TEMPORARY STORM DRAINAGE SYSTEM (SUBJECT TO ENGINEERS APPROVAL) FOR ALL WORK ON THIS PROJECT. THE TEMPORARY SYSTEM SHALL BE CAPABLE OF SAFELY CONVEYING A 10 YEAR EVENT (AS DEFINED BY CITY ORDINANCE) ACROSS THE PROJECT AND DISCHARGING INTO THE EXISTING DRAINAGE SYSTEM.
12. THE AIR POLLUTION CONTROL REGULATIONS OF THE ALBUQUERQUE-BERNALILLO COUNTY AIR CONTROL BOARD, LIMIT EMISSION OF PARTICULATE MATTER AND THE USE OF CUT BACK ASPHALT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLARIFY THESE RESTRICTIONS WITH THE ENVIRONMENTAL HEALTH DEPARTMENT PRIOR TO SUBMITTAL OF BIDS TO AVOID CONFLICT WITH THE REGULATIONS.
13. RESTRAINED JOINTS ARE REQUIRED AT ALL WATER LINE FITTINGS. BLOCKING PER COA STD DWG 2320 IS REQUIRED AT ALL CAPS.
14. THE PUBLIC WATER LINE MUST BE A MINIMUM OF 18" ABOVE THE SANITARY SEWER LINE AT ALL CROSSINGS.
15. THE CONTRACTOR SHALL FURNISH EMD'S ON WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
16. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
17. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
18. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
19. 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.
20. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
21. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY CONTRACTOR AS EXISTING OR AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.
22. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24 HOUR CONSTRUCTION.

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 9-11-98

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

6/8/98

SCANNED BY BY LASON

26 5495.83 L8

SC5-96-4
DRB-96-224

Greiner, Inc.
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEER'S STAMP & SIGNATURE

5/16/97

APPROVALS	ENGINEER	DATE
DRC Chairman	Billy J. Goolsby	7-24-97
Transportation	Bruce Baker	7-16-97
Water/Wastewater	R. W. Kane	5-27-97
Hydrology	Ann Calcagno	7-15-97
Constr. Mngmt.		

APPROVED FOR CONSTRUCTION

City Engineer Date

City Project No. 549583

Sheet 1 Of 15

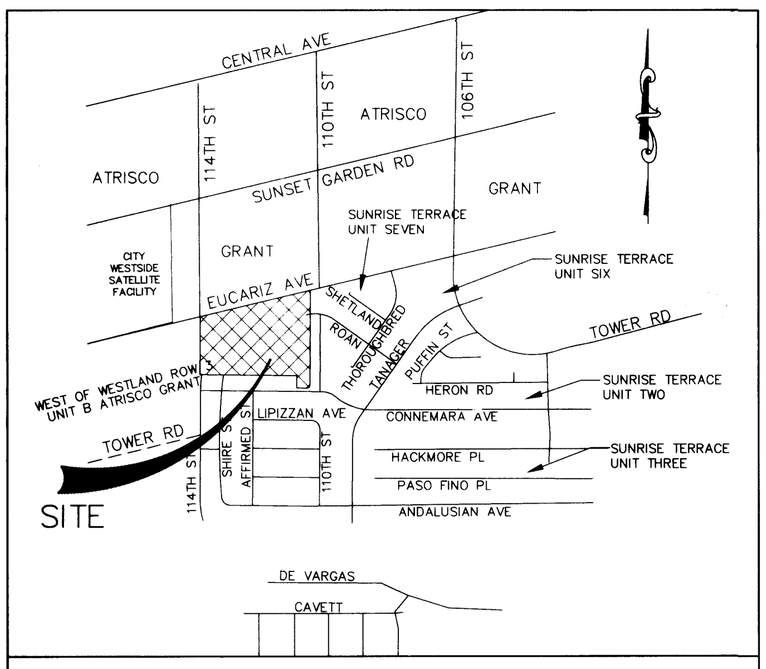
P:\CADD\COVERW3.DWG

97094417

PLAT OF UNIT THREE SUNRISE TERRACE — WEST —

ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

JANUARY 1997



VICINITY MAP

NOT TO SCALE

ZONE ATLAS MAP NO. L-8-Z

SUBDIVISION DATA

1. D.R.B. CASE NUMBER: DRB-96-224
2. ZONE ATLAS INDEX NUMBER: L-8-Z
3. GROSS SUBDIVISION ACREAGE: 13.6738 ACRES
4. TOTAL NUMBER OF LOTS CREATED: 66 LOTS
5. DATE OF SURVEY: 10/95 THROUGH 3/96
6. TALOS LOG NUMBER: 96080208300096
7. MILES OF FULL-WIDTH STREETS CREATED: 0.4827 MILES
8. ZONING FOR THIS PROPERTY IS: RD/9DU/ACRE

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

1. The PNM Electric Services Division for the installation, maintenance and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
2. The PNM Gas Services Division for installation, maintenance and services of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
3. U.S. West for 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.
4. Jones Intercable for 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 to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate and maintain facilities for the purposes described above, together with free access to, from and over said easement, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code caused by construction of pools, decking or any structure adjacent to within or near easements shown on this plat.

In approving this plat, the utility companies did not conduct a Title Search of the properties shown hereon. Consequently, the utility companies do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

DISCLOSURE STATEMENT

THIS PLAT WAS PREPARED FOR THE PURPOSE OF:
- DIVIDING THE EXISTING PARCEL INTO 66 LOTS AS SHOWN
- TO DEDICATE RIGHT-OF-WAY TO THE CITY OF ALBUQUERQUE AS SHOWN
- TO GRANT EASEMENTS AS SHOWN

DESCRIPTION

TRACT "B" OF SUNRISE TERRACE WEST UNIT ONE, AS THE SAME IS SHOWN AND RECORDED ON THE PLAT OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, IN VOLUME 97C, FOLIO 4, DATED JANUARY 6, 1997, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
A CERTAIN PARCEL OF LAND SITUATE WITHIN THE TOWN OF ATRISCO GRANT, WITHIN PROJECTED SECTION 29, TOWNSHIP 10 NORTH, RANGE 2 EAST, NEW MEXICO PRINCIPAL MERIDIAN, BERNALILLO COUNTY, NEW MEXICO, AND BEING MORE PARTICULARLY DESCRIBED BY NEW MEXICO STATE PLANE (CENTRAL ZONE, NAD27) GRID BEARINGS AND GROUND DISTANCES AS FOLLOWS:
BEGINNING AT THE SOUTHEAST CORNER OF THE PARCEL HEREIN DESCRIBED, FROM WHENCE ALBUQUERQUE CITY SURVEY MONUMENT "7-L9", (NEW MEXICO STATE PLANE COORDINATES, CENTRAL ZONE, NAD27, X=352978.14, Y=1478346.71, DELTA ALPHA ANGLE -00°16'56", GROUND TO GRID FACTOR OF 0.99967727), BEARS N85°47'02"E, 3554.86 FEET; THENCE, SOUTHWESTERLY, ALONG THE SOUTHERLY LINE OF THE PARCEL HEREIN DESCRIBED, ON A CURVE TO THE RIGHT (SAID CURVE HAVING A RADIUS OF 25.00 FEET, A DELTA ANGLE OF 90°17'35", AND A CHORD BEARING OF S45°29'13"W, 35.45 FEET) 39.40 FEET TO A #5 REBAR (WITH A CAP STAMPED LS 8324); THENCE, N89°21'59"W, ALONG SAID SOUTHERLY LINE OF THE PARCEL HEREIN DESCRIBED, 90.41 FEET TO A #5 REBAR (WITH A CAP STAMPED LS 8324); THENCE, N00°38'01"E, ALONG SAID SOUTHERLY LINE OF THE PARCEL HEREIN DESCRIBED, 105.33 FEET TO A #5 REBAR (WITH A CAP STAMPED LS 8324); THENCE, N89°21'59"W, ALONG SAID SOUTHERLY LINE OF THE PARCEL HEREIN DESCRIBED, 844.24 FEET TO THE SOUTHWEST CORNER OF THE PARCEL HEREIN DESCRIBED; THENCE, N00°17'59"E, ALONG THE WESTERLY LINE OF THE PARCEL HEREIN DESCRIBED, 473.85 FEET TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF EUCARIZ BOULEVARD, AND BEING THE NORTHWEST CORNER OF THE PARCEL HEREIN DESCRIBED; THENCE, N74°57'26"E, ALONG SAID SOUTHERLY RIGHT-OF-WAY LINE, AND NORTHERLY LINE OF THE PARCEL HEREIN DESCRIBED, 995.22 FEET TO A #5 REBAR (WITH A CAP STAMPED LS 8324) BEING THE NORTHWEST CORNER OF SUNRISE TERRACE UNIT SEVEN AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY ON JULY 18, 1996, VOLUME 96C, FOLIO 320, BEING THE NORTHEAST CORNER OF THE PARCEL OF LAND HEREIN DESCRIBED; THENCE, S00°20'25"W, ALONG THE LINE COMMON TO THE PARCEL HEREIN DESCRIBED AND SAID SUNRISE TERRACE UNIT SEVEN, 822.97 FEET TO THE POINT OF BEGINNING OF THE PARCEL HEREIN DESCRIBED, CONTAINING 13.6739 ACRES (595,636 SQUARE FEET), MORE OR LESS.

FREE CONSENT

The subdivision hereon described 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) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets and public right-of-ways shown hereon to the City of Albuquerque in fee simple with warranty covenants and do hereby grant: all access, utility and drainage easements shown hereon including the right to construct, operate, inspect, and maintain facilities therein; and all public utility easements shown hereon for the common and joint use of gas, electrical power and communication services for buried and/or overhead distribution lines, conduits and pipes for underground utilities where shown or indicated, and including the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs.
Said owner(s) and/or proprietor(s) do hereby consent to all of the foregoing and do hereby certify that this subdivision is their free act and deed.

FOR UNIT THREE, SUNRISE TERRACE WEST

BY: _____ 9-11-97
CHARLES A. HAEGELIN, PRESIDENT, CURB, INC. DATE
Managing Member, S.T. Development Limited, Co.

ACKNOWLEDGEMENT

STATE OF NEW MEXICO)
)SS
COUNTY OF BERNALILLO)

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON ___ DAY OF _____, 1997, BY CHARLES A. HAEGELIN, MANAGING PARTNER ON BEHALF OF SAID CORPORATION.

MY COMMISSION EXPIRES: _____ _____
NOTARY PUBLIC

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC# 108-056-238-100-30206, 108-056-238-93-30205

PROPERTY OWNER OF RECORD: Santa Fe Properties Limited

BERNALILLO COUNTY TREASURER'S OFFICE: Vanessa Andrade 9.11.97

APPROVED BY 9-97-57

APPROVAL AND CONDITIONAL ACCEPTANCE AS SPECIFIED BY THE ALBUQUERQUE SUBDIVISION ORDINANCE, ARTICLE XI OF CHAPTER 7 OF THE REVISED ORDINANCE OF ALBUQUERQUE, NEW MEXICO.

PLANNING DIRECTOR, CITY OF ALBUQUERQUE, N.M	9.9.97 DATE
CITY ENGINEER, CITY OF ALBUQUERQUE, N.M.	8-29-97 DATE
ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY	8-29-97 DATE
TRANSPORTATION DEVELOPMENT, CITY OF ALBUQUERQUE, N.M.	6-03-97 DATE
UTILITY DEVELOPMENT DIVISION, CITY OF ALBUQUERQUE, N.M.	6-3-97 DATE
PARKS DESIGN AND DEVELOPMENT, CIP, CITY OF ALBUQUERQUE, N.M.	7-14-97 DATE
CITY SURVEYOR, CITY OF ALBUQUERQUE, N.M.	9/13/97 DATE
PROPERTY MANAGEMENT, CITY OF ALBUQUERQUE, N.M.	9-2-97 DATE
BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT	N/A DATE
BERNALILLO COUNTY ENVIRONMENTAL HEALTH DEPARTMENT	N/A DATE
BERNALILLO COUNTY FIRE DEPARTMENT	N/A DATE
BERNALILLO COUNTY ZONING DEPARTMENT	N/A DATE
BERNALILLO COUNTY PLANNING DEPARTMENT	N/A DATE
BERNALILLO COUNTY PLANNING COMMISSION, CHAIRMAN	N/A DATE
BERNALILLO COUNTY BOARD OF COUNTY COMMISSIONERS, CHAIRMAN	DATE
PNM GAS SERVICES	9.22.97 DATE
PNM ELECTRIC SERVICES	9.22.97 DATE
U.S. WEST TELECOMMUNICATIONS	DATE
JONES INTERCABLE, INC.	DATE

CERTIFICATION

I, Daniel L. Morehead, New Mexico Registered Professional Land Surveyor number 8324, do hereby certify that this plat (Sheets 1-2) was prepared by me or under my supervision, from actual field surveys performed, from October 1995 through March 1996, meets the Minimum Requirements for Monumentation and Surveys of the Albuquerque Subdivision Ordinance, and that it is true and correct to the best of my knowledge and belief.

DANIEL L. MOREHEAD NEW MEXICO 8324 REGISTERED PROFESSIONAL LAND SURVEYOR

Daniel L. Morehead, N.M.P.S. No. 8324 — 1-23-97 Date

URS Greiner

5971 JEFFERSON BLVD. N.E. ALBUQUERQUE, NEW MEXICO 87109
(505) 345-3999 FAX: (505) 345-8393

SHEET 1 OF 2

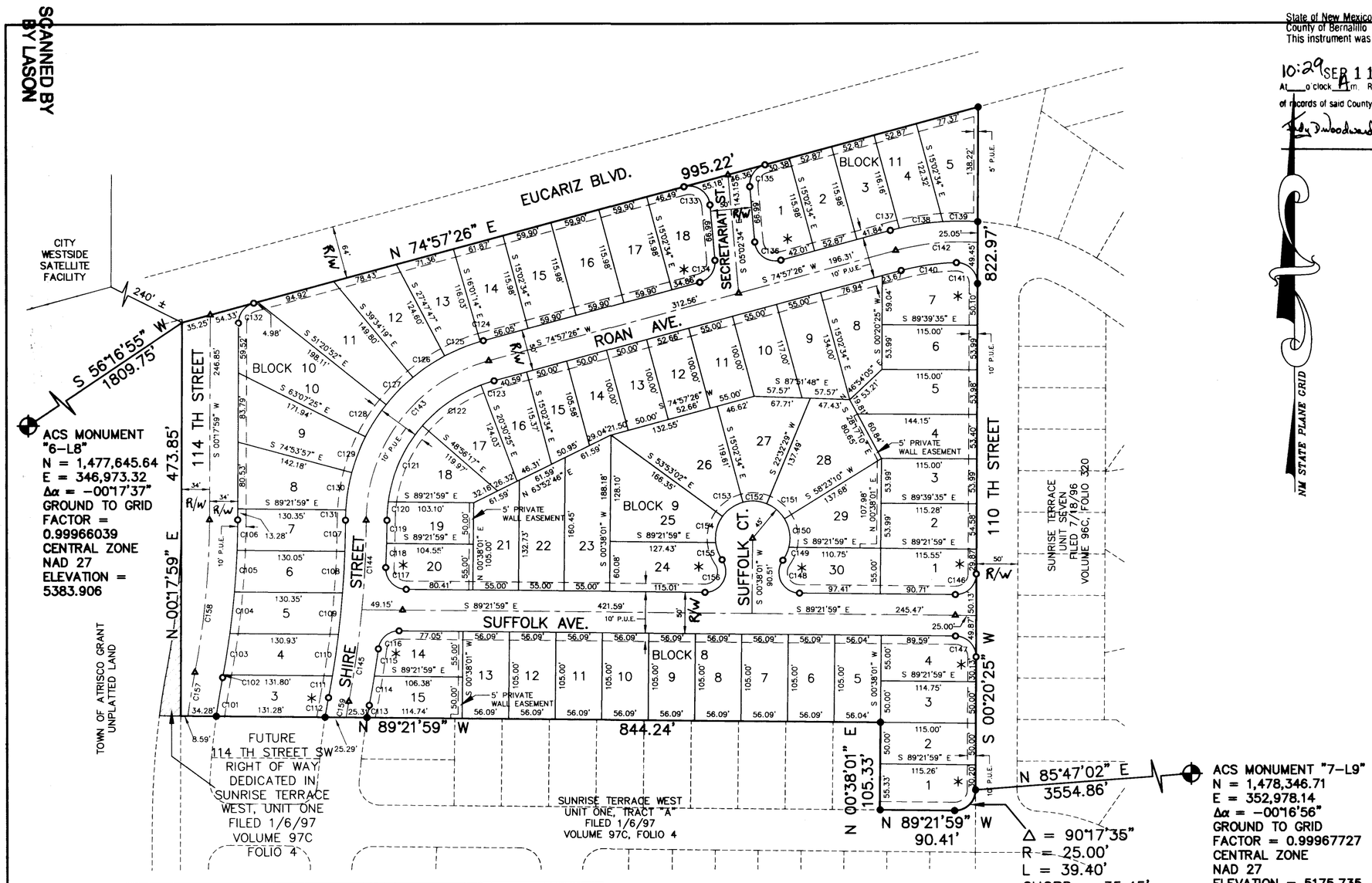
SCANNED BY BY LASON

State of New Mexico) SS
County of Bernalillo)
This instrument was filed for record on
10:29 SEP 11 1997 97094417
At ___ o'clock A m. Recorded in Vol 97C
of records of said County Folio 272
Judy Woodward Clerk & Recorder
Deputy Clerk

PLAT OF UNIT THREE SUNRISE TERRACE — WEST —

ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

JANUARY 1997



GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

GENERAL NOTES

1. BEARINGS SHOWN ARE NEW MEXICO STATE PLANE GRID BEARINGS (CENTRAL ZONE).
2. DISTANCES ARE GROUND DISTANCES.
3. THE BENCHMARK FOR THIS PLAT IS ACS CONTROL STATION "5-L8", ELEVATION = 5301.89.
4. THERE IS A (10) FOOT WIDE PRIVATE DRAINAGE EASEMENT CENTERED ON ALL COMMON SIDE LOT LINES FOR ALL LOTS IN THIS SUBDIVISION (5' ON EACH SIDE). DOES NOT APPLY AT STREET RIGHT-OF-WAY.
5. * DESIGNATES LOT FRONT.
6. UNLESS OTHERWISE NOTED, ALL BOUNDARY CORNERS SHOWN THUS —○— WILL BE MARKED BY NO. 5 IRON REBAR WITH PLASTIC CAP STAMPED "P.L.S. 8324".
7. FRONT LOT CORNERS WILL BE OFFSET ON THE EXTENSION OF PROPERTY LINES ON THE TOP OF NEW CURB.
8. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT CENTERLINE PC'S, PT'S, ANGLE POINTS, AND STREET INTERSECTIONS SHOWN THUS —△— WILL BE MARKED BY A FOUR INCH (4") ALUMINUM CAP MARKED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION, DO NOT DISTURB, P.L.S. 8324".
9. UNLESS OTHERWISE NOTED ALL BOUNDARY CORNERS SHOWN THUS —● ARE FOUND NO. 5 IRON REBAR WITH CAP STAMPED "P.L.S. 8324".
10. OPEN SPACE REQUIREMENT (2,400 SQ.FT. PER LOT/DWELLING) MUST BE MET FOR EACH LOT.
11. ALL PUBLIC UTILITY EASEMENTS (P.U.E.) ARE HEREBY GRANTED BY THIS PLAT.
12. MINIMUM BUILDING SETBACKS ARE 20' FRONT, 5' SIDES, AND 15' REAR.
13. DIRECT ACCESS TO LOT FROM EUCARIZ AVENUE AND 114 TH STREET WILL NOT BE ALLOWED.
14. PLAT SHOWS ALL EASEMENTS OF RECORD.
15. THE CITY'S WESTSIDE SATELLITE FACILITY IS NORTHWEST OF SUNRISE TERRACE WEST UNIT 3, AS INDICATED ON THIS SHEET AND ON THE VICINITY MAP ON SHEET 1. THIS FACILITY INCLUDES A FIRE TRAINING ACADEMY, ANIMAL CONTROL FACILITIES, SOLID WASTE TRANSFER STATION, AND STORAGE OF EQUIPMENT AND MATERIALS, INCLUDING THOSE USED FOR STREET MAINTENANCE. THE FACILITY MAY BE USED FOR TWENTY FOUR HOUR OPERATIONS.

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C101	966.00'	47.34'	23.68'	47.34'	N 09°28'32" E	02°48'29"
C102	1034.00'	3.27'	1.64'	3.27'	S 10°47'20" W	00°10'53"
C103	1034.00'	50.58'	25.30'	50.58'	N 09°17'48" E	02°48'10"
C104	1034.00'	50.27'	25.14'	50.26'	S 06°30'09" W	02°47'08"
C105	1034.00'	50.08'	25.04'	50.07'	N 03°43'21" E	02°46'30"
C106	1034.00'	36.73'	18.37'	36.73'	S 01°19'02" W	02°02'07"
C107	1164.00'	37.48'	18.74'	37.48'	S 01°13'20" W	01°50'42"
C108	1164.00'	50.06'	25.03'	50.06'	N 03°22'37" E	02°27'51"
C109	1164.00'	50.21'	25.11'	50.21'	N 05°50'41" E	02°28'18"
C110	1164.00'	50.46'	25.23'	50.45'	N 08°19'21" E	02°29'01"
C111	1164.00'	26.72'	13.36'	26.72'	S 10°13'19" W	01°18'55"
C112	836.00'	23.98'	11.99'	23.98'	S 10°03'28" W	01°38'36"
C113	786.00'	14.97'	7.49'	14.97'	N 10°20'02" E	01°05'30"
C114	1214.00'	35.72'	17.86'	35.72'	S 10°02'12" W	01°41'09"
C115	1214.00'	33.35'	16.68'	33.35'	N 08°24'24" E	01°34'26"
C116	25.00'	36.22'	22.12'	33.14'	N 49°07'36" E	83°00'43"
C117	25.00'	40.29'	26.04'	36.07'	S 43°11'38" E	92°20'43"
C118	1214.00'	28.99'	14.50'	28.99'	N 02°17'41" E	01°22'06"
C119	1214.00'	27.77'	13.89'	27.77'	S 00°57'19" W	01°18'39"
C120	175.00'	22.28'	11.15'	22.26'	S 03°56'49" W	07°17'53"
C121	175.00'	102.22'	52.62'	100.77'	N 24°19'41" E	33°28'06"
C122	175.00'	86.84'	44.33'	85.95'	N 55°16'39" E	28°25'52"
C123	175.00'	16.69'	8.35'	16.68'	N 72°13'31" E	05°27'52"
C124	225.00'	3.84'	1.92'	3.84'	N 74°28'06" E	00°58'46"
C125	225.00'	46.24'	23.20'	46.16'	N 68°05'29" E	11°46'33"
C126	225.00'	46.24'	23.20'	46.16'	S 56°18'57" W	11°46'33"
C127	225.00'	46.24'	23.20'	46.16'	N 44°32'24" E	11°46'33"
C128	225.00'	46.24'	23.20'	46.16'	N 32°45'52" E	11°46'33"
C129	225.00'	46.24'	23.20'	46.16'	N 20°59'19" E	11°46'33"
C130	225.00'	45.60'	22.88'	45.52'	S 09°17'41" W	11°36'47"
C131	225.00'	12.52'	6.26'	12.52'	S 01°53'40" W	03°11'21"
C132	25.00'	32.58'	19.06'	30.32'	N 37°37'43" E	74°39'28"
C133	25.00'	43.63'	29.79'	38.30'	S 55°02'34" E	99°59'59"
C134	25.00'	34.91'	20.98'	32.14'	N 34°57'26" E	80°00'01"
C135	25.00'	34.91'	20.98'	32.14'	S 34°57'26" W	80°00'01"
C136	25.00'	43.63'	29.79'	38.30'	S 55°02'34" E	99°59'59"
C137	325.00'	11.03'	5.52'	11.03'	S 75°55'47" W	01°56'41"
C138	325.00'	53.29'	26.70'	53.23'	S 81°35'57" W	09°23'39"
C139	325.00'	42.18'	21.12'	42.15'	N 89°59'09" W	07°26'08"
C140	275.00'	67.48'	33.91'	67.31'	S 81°59'14" W	14°03'34"
C141	25.00'	39.85'	25.58'	35.76'	S 45°19'16" E	91°19'25"
C142	300.00'	99.78'	50.36'	99.32'	N 84°29'10" E	19°03'26"
C143	200.00'	260.60'	152.52'	242.56'	S 37°37'43" W	74°39'28"
C144	1189.00'	107.75'	53.91'	107.71'	S 02°53'45" W	05°11'32"
C145	1189.00'	111.80'	55.94'	111.76'	S 08°11'09" W	05°23'15"
C146	25.00'	39.40'	25.13'	35.45'	N 45°29'13" E	90°17'35"
C147	25.00'	39.14'	24.87'	35.26'	S 44°30'47" E	89°42'25"
C148	25.00'	54.70'	48.39'	44.42'	N 26°41'20" W	125°21'19"
C149	45.00'	17.17'	8.69'	17.06'	N 25°03'40" E	21°51'19"
C150	45.00'	35.93'	18.98'	34.98'	N 08°44'25" W	45°44'51"
C151	45.00'	28.15'	14.55'	27.70'	N 49°32'11" W	35°50'41"
C152	45.00'	29.52'	15.31'	28.99'	S 86°15'03" E	37°35'03"
C153	45.00'	30.51'	15.87'	29.93'	N 55°32'12" E	38°50'28"
C154	45.00'	33.31'	17.46'	32.55'	N 14°54'38" E	42°24'39"
C155	45.00'	22.33'	11.40'	22.10'	S 20°30'29" E	28°25'36"
C156	25.00'	54.70'	48.39'	44.42'	N 27°57'22" E	125°21'19"
C157	1000.00'	53.45'	26.73'	53.44'	S 09°20'54" W	03°03'44"
C158	1000.00'	184.65'	92.59'	184.39'	N 05°35'23" E	10°34'47"
C159	811.00'	19.48'	9.74'	19.48'	S 10°11'30" W	01°22'34"

LOT AREAS (SQUARE FEET)			
BLOCK 8	BLOCK 9	BLOCK 10	BLOCK 11
1 6249	1 6227	3 6587	1 6855
2 5756	2 6265	4 6567	2 6132
3 5744	3 6216	5 6531	3 6132
4 6171	4 6920	6 6509	4 6266
5 5884	5 7504	7 6502	5 7625
6 5889	6 6209	8 8433	
7 5889	7 7974	9 9670	
8 5889	8 7339	10 12777	
9 5889	9 6903	11 10980	
10 5889	10 5967	12 8168	
11 5889	11 5500	13 6963	
12 5889	12 5266	14 7061	
13 5889	13 5000	15 6947	
14 5545	14 5079	16 6947	
15 5524	15 5524	17 6947	
	16 6179	18 7374	
	17 6931		
	18 7035		
	19 5211		
	20 5649		
	21 6537		
	22 8062		
	23 9587		
	24 8058		
	25 10620		
	26 10223		
	27 8963		
	28 10777		
	29 8115		
	30 6441		

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

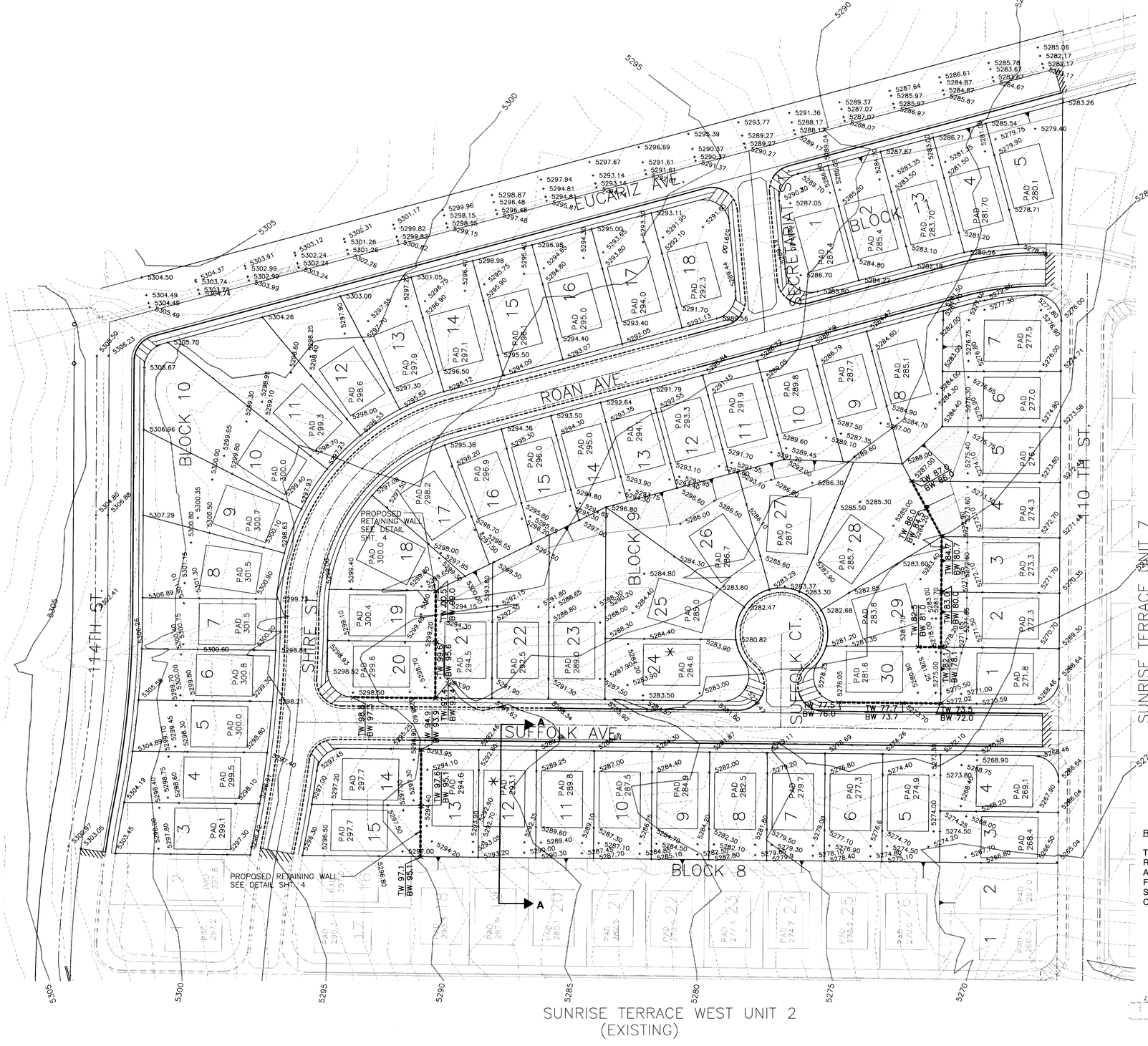
URS Greiner

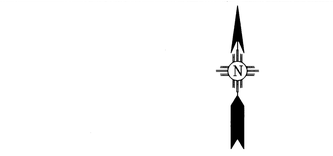
5971 JEFFERSON BLVD. N.E. ALBUQUERQUE, NEW MEXICO 87109
(505) 345-3999 FAX: (505) 345-8393

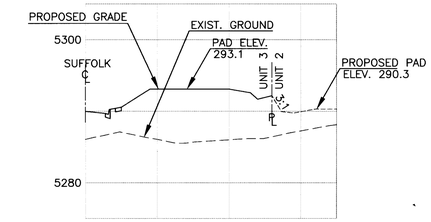
SHEET 2 OF 2

FILE NAME P:\CADD\ST-WEST\STW-3-2

SHEET 2 OF 15

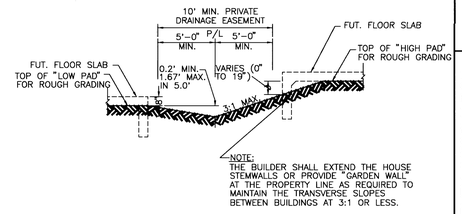






SECTION A - A

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



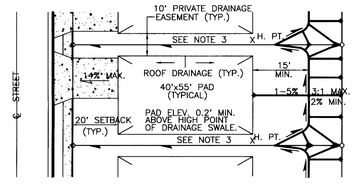
NOTE:
THE BUILDER SHALL EXTEND THE HOUSE STEMWALLS OR PROVIDE "GARDEN WALL" AT THE PROPERTY LINE AS REQUIRED TO MAINTAIN THE TRANSVERSE SLOPES BETWEEN BUILDINGS AT 3:1 OR LESS.

TYPICAL COMMON DRAINAGE SWALE BETWEEN LOTS

NO SCALE

NOTES

1. ADD 5000.00' TO ALL PAD ELEVATIONS FOR MEAN SEA LEVEL ELEVATION.
2. SLOPE TO FRONT YARD 1% TYPICAL 0.5% MIN.
3. ELEVATIONS SHOWN ON PADS ARE TOP OF PAD ELEVATIONS. ALL SPOT ELEVATIONS SHOWN ARE PROPOSED FINISHED ELEVATIONS.
4. DRIVEWAY SHALL BE ON HIGH SIDE OF LOT WHERE NOTED WITH "*".
5. OFFSET PADS 5' FROM HIGH SIDE OF PROPERTY LINE UNLESS NOTED OTHERWISE.
6. SEE SHT. 4 FOR RETAINING WALL DETAILS.
7. SEE SHT. 4 FOR LEGEND.



TYPICAL LOT GRADING

NO SCALE

RECORD DRAWINGS

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6/8/98

APPROVED FOR ROUGH GRADING (±1 FT.)

CITY HYDROLOGY DATE

SCANNED BY BY LASON

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 6/98
WORK STAKED BY COA
INSPECTOR'S CERTIFICATE BY RAY BACA DATE 3/98
FIELD CONSTRUCTION BY COA DATE 3/98
DRAWING CORRECTED BY JAMES GREINER DATE 6/98
MICRO-FILM INFORMATION
RECORDED BY DATE

BENCH MARKS
ACS 18-L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW, EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

GREINER PROJECT NO. E30697.27

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE: 5/97
			DATE: 5/97
			DATE: 5/97

DESIGNED BY: PO/SKJ
DRAWN BY:
CHECKED BY:

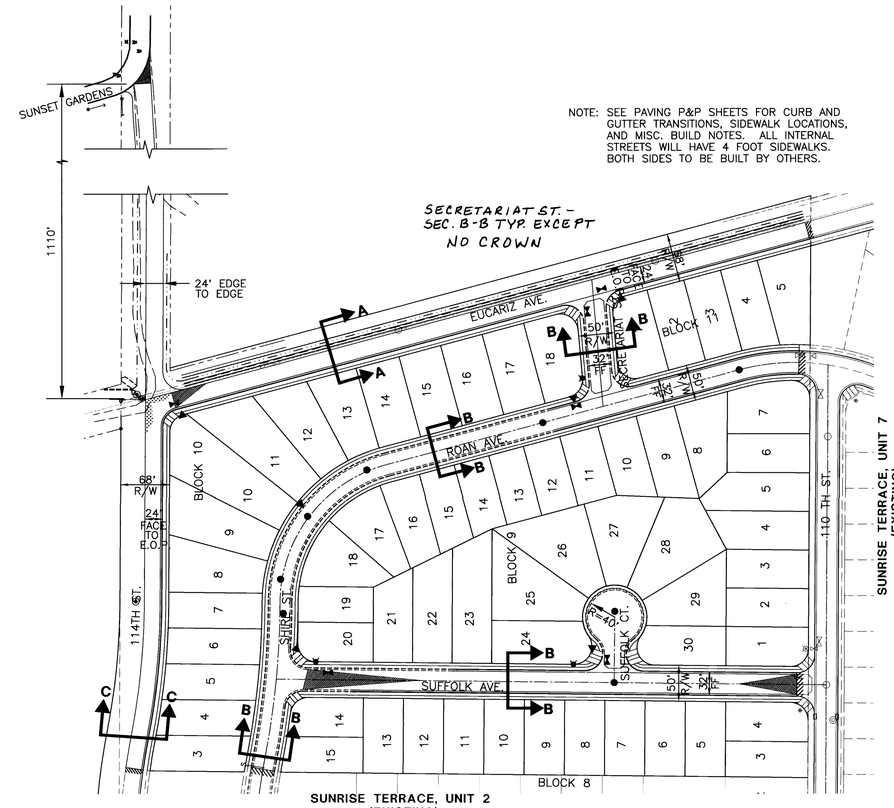
URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE TERRACE WEST, UNIT 3**
GRADING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED AT DRB				

City Project No. 549583 | Zone Map No. | Sheet 3 Of 15



COMPOSITE PAVING PLAN

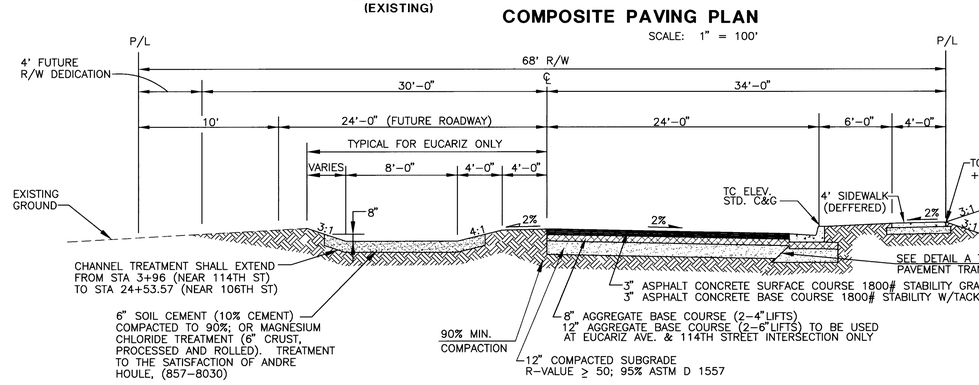
SCALE: 1" = 100'

LEGEND

EXISTING	NEW
	WATER VALVE
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
	STORM DRAIN INLET
	STORM DRAIN MANHOLE
	RUNDOWN INLET
	STREET LIGHT
	4' SIDEWALK
	50' CROWN TRANSITION SECTION (UNLESS NOTED OTHERWISE)
	CONCRETE VALLEY GUTTER
	PAVEMENT CUT
	STANDARD CURB & GUTTER PER STD. DWG.2415
	MOUNTABLE CURB & GUTTER PER STD. DWG.2415
	LIMIT OF ARTERIAL PAVING

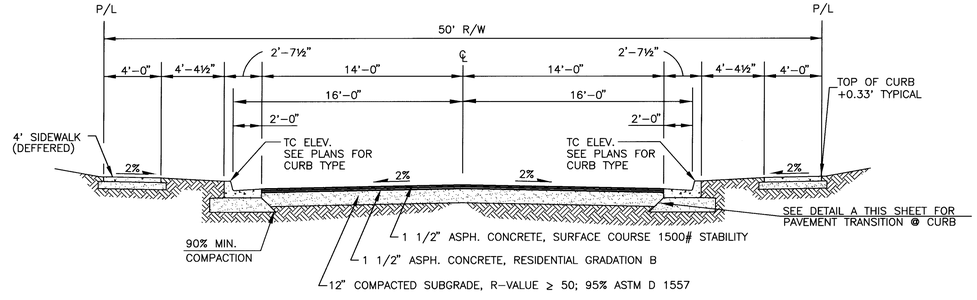
SCALE: 1" = 100'

100 50 0 100



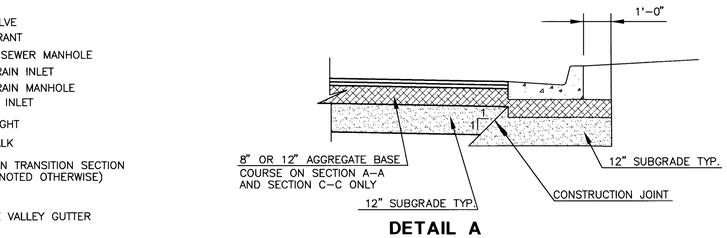
EUCARIZ AVE. SECTION A-A

NOT TO SCALE



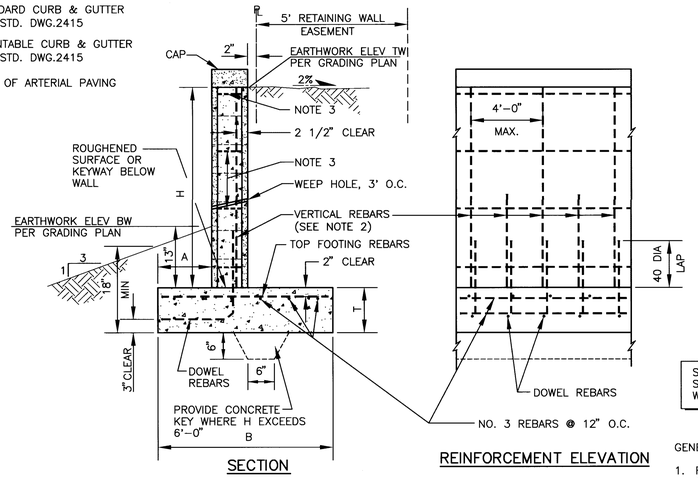
TYPICAL STREET SECTION B-B

NOT TO SCALE



DETAIL A

NOT TO SCALE



SECTION

REINFORCEMENT ELEVATION

BLOCK WIDTH	H	A	B	T	DOWEL AND VERTICAL REINFORCEMENT	TOP FOOTING REINFORCEMENT
8"	3'4"	12"	2'8"	9"	NO. 3 @ 32" OC	NO. 3 @ 27" OC
	4'0"	12"	3'0"	9"	NO. 4 @ 32" OC	NO. 3 @ 27" OC
	4'8"	12"	3'3"	10"	NO. 5 @ 32" OC	NO. 3 @ 27" OC
	5'4"	14"	3'8"	10"	NO. 4 @ 16" OC	NO. 4 @ 30" OC
	6'0"	15"	4'2"	12"	NO. 6 @ 24" OC	NO. 4 @ 25" OC

RETAINING WALL DETAIL

NOT TO SCALE

SEE GRADING PLAN ON SHEET 3 FOR RETAINING WALL LOCATION

GENERAL NOTES

1. REINFORCING BARS SHOULD HAVE STANDARD DEFORMATIONS AND A YIELD STRENGTH OF 40,000 PSI.
2. ALTERNATE VERTICAL REINFORCING BARS MAY BE TERMINATED AT THE MIDHIEGHT OF THE WALL. EVERY THIRD BAR MAY BE TERMINATED AT THE UPPER THIRD-POINT OF THE WALL HEIGHT.
3. THE WALL SHOULD HAVE HORIZONTAL JOINT REINFORCEMENT AT EVERY COURSE OR ELSE A HORIZONTAL BOND BEAM WITH TWO NO. 4 BARS EVERY 16 IN.
4. WEIGHT OF ASSUMED SOIL BACKFILL (GRANULAR SOIL WITH CONSPICUOUS CLAY CONTENT) IS 100 PCF AND EQUIVALENT FLUID PRESSURE IS 45 PCF. THERE IS NO SURCHARGE AND MAXIMUM SOIL BEARING PRESSURE IS 1500 PSF.

GENERAL NOTES

1. ALL SLOPES AS SHOWN ON PROFILES ARE BASED ON CENTERLINE, EXCEPT CUL-DE-SACS WHICH, STARTING AT THE P.C. OF THE RETURN, SHOWING STATIONS AND CORRESPONDING SLOPES BASED ON TRUE DISTANCE ALONG THE FACE OF CURB.
2. WHERE REMOVAL OF EXISTING CURB AND GUTTER, SIDEWALK OR PAVEMENT IS REQUIRED, CONTRACTOR SHALL NEATLY SAWCUT AND /OR REMOVE TO THE NEAREST JOINT 1' WIDTH MINIMUM. CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. ALL SAWCUT PAVEMENT SHALL BE SPRAYED W/TACK.
3. WHEN ABUTTING NEW PAVEMENT TO EXISTING, THE CONTRACTOR SHALL CUT BACK EXISTING PAVING TO A STRAIGHT LINE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER. NO SEPARATE PAYMENT SHALL BE MADE BUT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
4. ALL DIMENSIONS AND RADII OF CURB AND GUTTER RETURNS ARE SHOWN TO FACE OF CURB.
5. BUILD ALL CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415.
6. CUL-DE-SACS HAVE NO CROWN. SLOPE OF PAVEMENT IS DETERMINED BY TOP OF CURB AND FLOWLINE ELEVATIONS.
7. ALL CURB RETURNS ARE 25' RADIUS.
8. ALL ROAD WIDTHS ARE 32' FACE TO FACE WITH 50' RIGHT OF WAY, UNLESS OTHERWISE NOTED. SEE SECTION B-B.
9. PAVEMENT SECTION FOR CUL-DE-SAC SHALL BE THE SAME AS TYPICAL STREET SECTION.

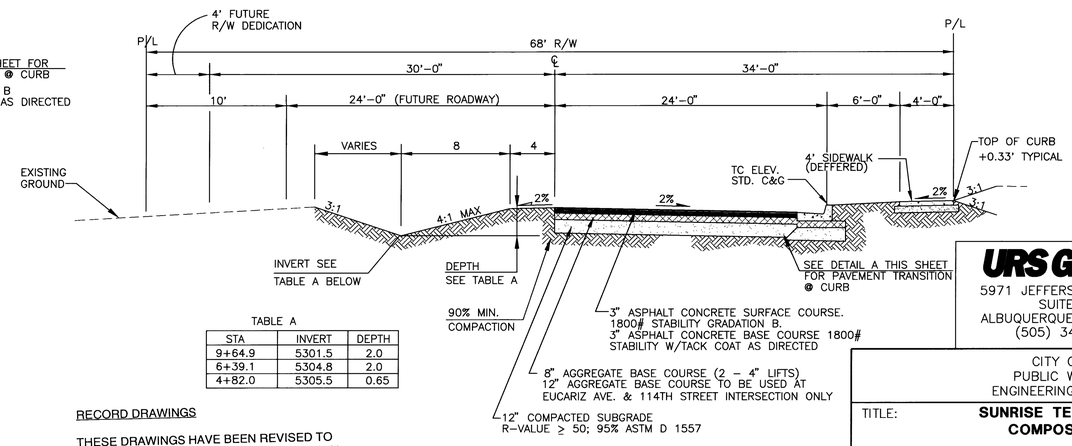


TABLE A

STA	INVERT	DEPTH
9+64.9	5301.5	2.0
6+39.1	5304.8	2.0
4+82.0	5305.5	0.65

114TH STREET SECTION C-C

NOT TO SCALE

RECORD DRAWINGS

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6/8/98

SCANNED BY BY LASON

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK STAKED BY COA DATE 3/98
ACCEPTANCE BY RAY BACA DATE 3/98
FIELD VERIFICATION BY COA DATE 3/98
DRAWINGS CORRECTED BY URS GREINER DATE 5/98
MICRO-FILM INFORMATION DATE
RECORDED BY

BENCH MARKS
ACS 18-8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW. 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR.
SW. EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
MARK S. HOLSTAD NEW MEXICO No. 7868 REGISTERED PROFESSIONAL ENGINEER
7/15/97

GREINER PROJECT NO. E30/897.27

NO.	BY	DATE	REMARKS
			REVISIONS
			DESIGN
			DESIGNED BY: LSJ DATE: 5/97
			DRAWN BY: RDJ DATE: 5/97
			CHECKED BY: MSH/DM DATE: 5/97

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE TERRACE WEST, UNIT 3**
COMPOSITE PAVING PLAN

Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr.

City Project No. **549583**
Zone Map No.
Sheet 4 Of 15

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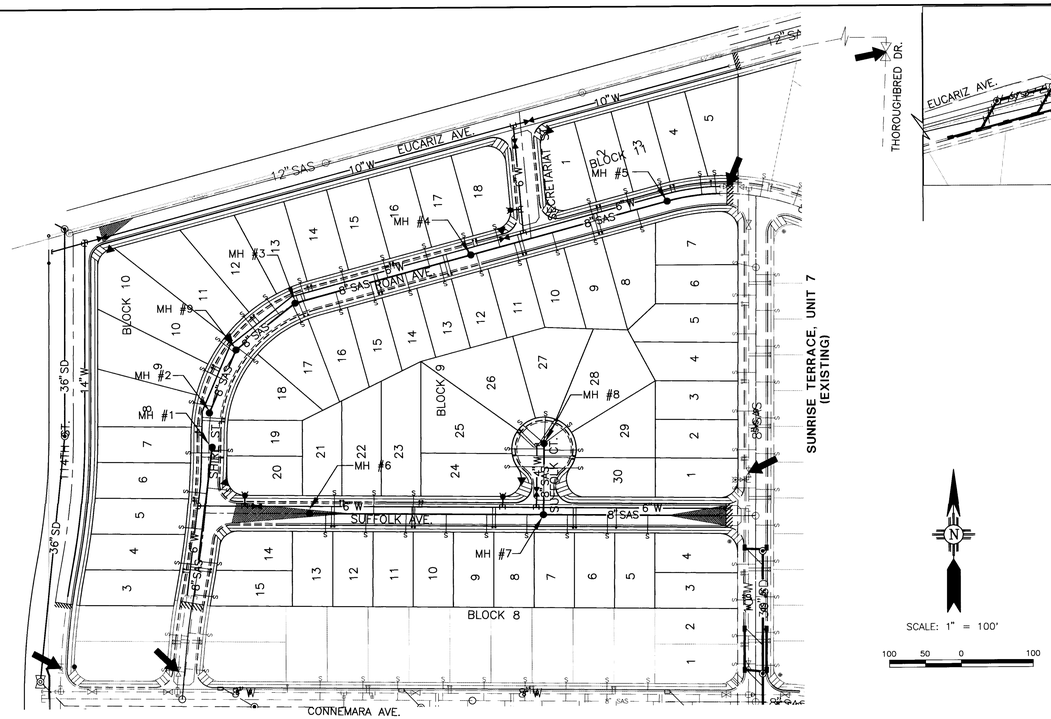


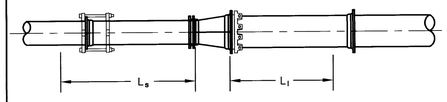
LEGEND

EXISTING	NEW	
		WATER VALVE
		BUTTERFLY VALVE
		FIRE HYDRANT
		SAS MANHOLE
		STORM DRAIN INLET
		STORM DRAIN MANHOLE
S	S	SANITARY SEWER SERVICE
		WATER SERVICE – SINGLE
		WATER SERVICE – DOUBLE
		STREET LIGHT
		STORM DRAIN RUNDOWN INLET
		SURGE MANHOLES
10" W	10" W	WATERLINE
6" W		EXISTING WATERLINE
	8" SAS	SANITARY SEWER LINE
8" SAS		EXISTING SEWERLINE
	30" SD	STORM DRAIN
24" SD		EXISTING STORM DRAIN
		WATER VALVE TO BE SHUT

COMPOSITE UTILITY PLAN

REDUCER

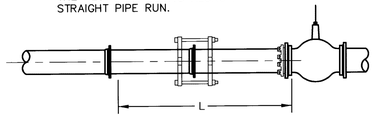
Restrain either L_s or L_1 length	(L_s) L small	or	(L_l) L large
Size	Unobstructed Straight Run Length, Feet Restrained		Large Side Restrained Length, Feet
6" X 4"	42		28
8" X 4"	39		30
8" X 6"	39		30
10" X 6"	87		53
10" X 8"	36		29
12" X 8"	81		54
12" X 10"	36		30
14" X 10"	78		55



GATE VALVES

Line Size	Restrained Length L, Both Sides of Valve, Feet
4"	39
6"	55
8"	72
10"	86
12"	102
14"	116

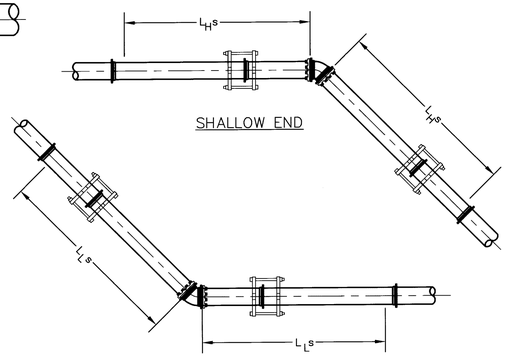
THESE LENGTHS MAY BE USED WHERE ENOUGH NEW PIPE EXISTS TO INSTALL THE RESTRAINT JOINTS ALONG A STRAIGHT PIPE RUN.



VERTICAL OFFSETS

Additional Design Parameters
Shallow end depth = 3.0'
Deep end depth = 6.0'

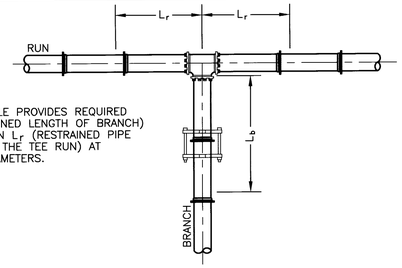
Line Size	22½° Bend		45° Bend	
	Restrained Length			
	Deep End L_Ls, Feet	Shallow End L_Hs, Feet	Deep End L_Ls, Feet	Shallow End L_Hs, Feet
6"	3	11	5	23
8"	3	14	7	30
10"	4	17	8	36
12"	5	20	10	42
14"	5	23	11	48



TEES

Line Size	Branch Size 6"				Branch Size 8"				Branch Size 10"				Branch Size 12"			
	L_r=5'	L_r=10'	L_r=15'	L_r=20'	L_r=5'	L_r=10'	L_r=15'	L_r=20'	L_r=5'	L_r=10'	L_r=15'	L_r=20'	L_r=5'	L_r=10'	L_r=15'	L_r=20'
	Restrained Length L_b, Feet for a Specified L_r															
6"	36	18	FJO	FJO	58	44	30	16	75	64	53	41	–	–	–	–
8"	30	6	FJO	FJO	53	35	16	FJO	71	56	42	27	–	–	–	–
10"	24	FJO	FJO	FJO	48	24	1	FJO	67	48	29	10	86	70	54	38
12"	17	FJO	FJO	FJO	43	14	FJO	FJO	63	40	17	FJO	83	63	44	25
14"	FJO	FJO	FJO	FJO	21	FJO	FJO	FJO	39	12	FJO	FJO	56	33	11	FJO

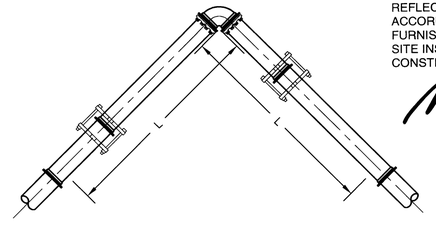
FJO: Restraint required at Fitting Joint Only



NOTE: TABLE PROVIDES REQUIRED L_b (RESTRAINED LENGTH OF BRANCH) FOR A GIVEN L_r (RESTRAINED PIPE LENGTH ON THE TEE RUN) AT VARIOUS DIAMETERS.

HORIZONTAL BENDS

Line Size	Bend Angle			
	11¼°	22½°	45°	90°
	Restrained Length, L, Feet			
6"	2	5	10	25
8"	3	6	13	32
10"	4	8	16	38
12"	4	9	19	45
14"	5	10	21	51



RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

11/6/97

THRUST RESTRAINT GENERAL NOTES

1. RESTRAINED PIPE LENGTHS FOR PVC USING EBAA IRON THRUST RESTRAINING SYSTEM.
2. LENGTHS MAY OVERLAP TO DETERMINE GREATEST RESTRAINT LENGTH IN ANY ONE DIRECTION.
3. CONTRACTOR SHALL MINIMIZE NUMBERS OF RESTRAINED JOINTS REQUIRED BY USING 20' LONG SECTIONS OF PIPE WITHIN THE RESTRAINED LENGTH WHERE POSSIBLE. DIVIDE LENGTH BY 20 AND TRUNCATE DECIMAL PORTION OF NUMBER TO DETERMINE THE NUMBER OF REQUIRED RESTRAINED JOINTS.
4. SPECIAL CONSIDERATION MAY BE NEEDED TO MEET CERTAIN FIELD CONDITIONS.
5. RESTRAINT LENGTHS MAY EXTEND INTO EXISTING WATER MAINS, REQUIRING RESTRAINED FITTINGS TO BE PLACED AT EXISTING WATERLINE JOINTS FOR THE LENGTH SPECIFIED IN THE TABLES ON THIS SHEET.
6. CONCRETE BLOCKING, PER COA STANDARD DRAWING 2320, SHALL BE USED IN LIEU OF RESTRAINED JOINTS AT ALL CAPS.

DESIGN ASSUMPTIONS:
SAFETY FACTOR: 1.5
PRESSURE: 150 psi
SOIL TYPE: GM & SM – SILTY GRAVELS AND SILTY SANDS
PIPE: PVC
TRENCH TYPE: 3 (PIPE BEDDED IN 4 INCHES MINIMUM LOOSE SOIL. BACKFILL LIGHTLY CONSOLIDATED TO TOP OF THE PIPE.)

THRUST RESTRAINT JOINT LENGTHS

NOT TO SCALE

SCANNED BY BY LASON

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK STAKED BY: COA
STAKING OK'S ACCEPTANCE BY: KEAT BACA DATE 3/98
FIELD LOCATION BY: COA DATE 3/98
DRAWINGS CORRECTED BY: URS GREINER DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE

BENCH MARKS
ACS 18-18, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHION EAST OF TANAGER DR. SW. 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW. EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

ENGINEER'S SEAL
MARK S. HOLSTAD NEW MEXICO No. 7288 REGISTERED PROFESSIONAL ENGINEER
GREINER PROJECT NO. E30089.27

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	DATE: 5/97
		DESIGNED BY: LSJ	DATE: 5/97
		DRAWN BY: JAK	DATE: 5/97
		CHECKED BY: MSH/DM	

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE TERRACE WEST, UNIT 3**
COMPOSITE UTILITY PLAN, WATER SHUT OFF PLAN AND UTILITY DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 24 1997				

City Project No. 549583 | Zone Map No. | Sheet 5 Of 15

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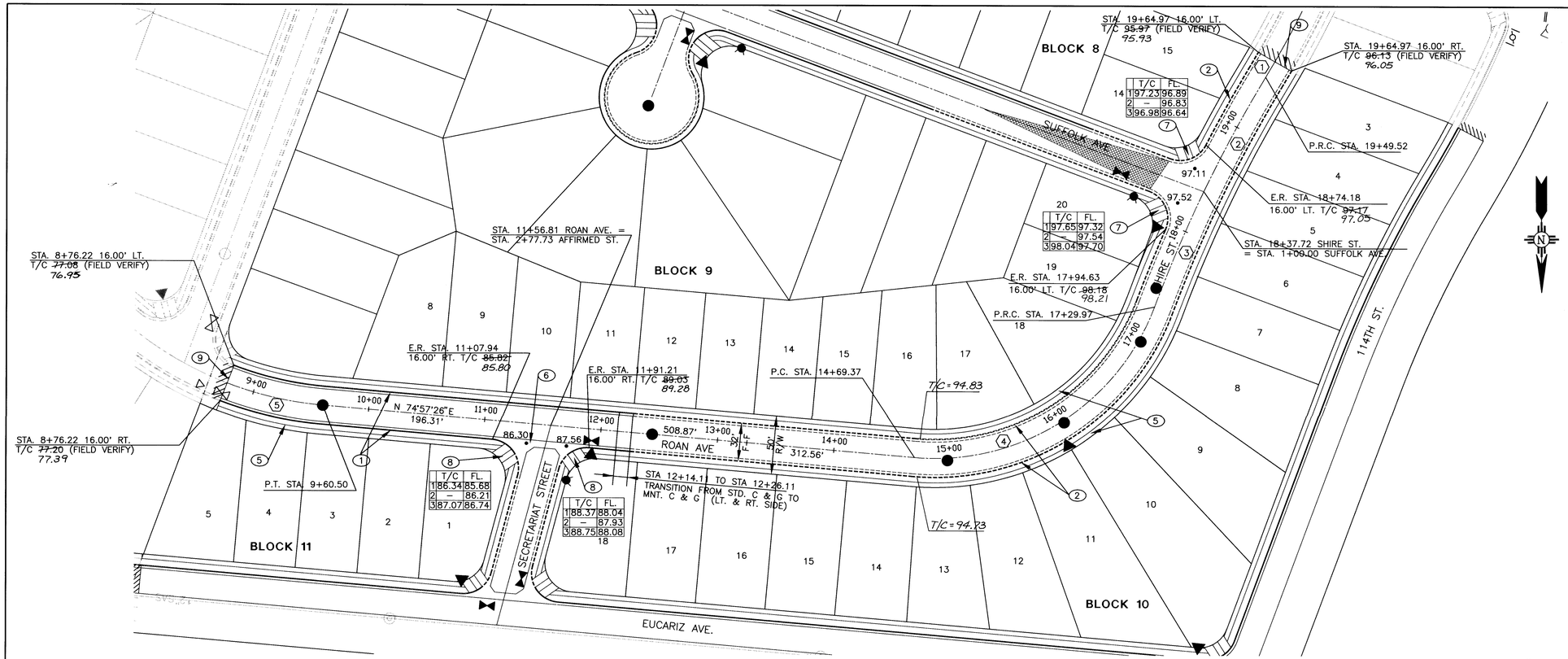


ROAN AVE./SHIRE ST.

HORIZ. 1" = 50'
VERT. 1" = 5'

KEYED NOTES

1. STANDARD CURB & GUTTER PER STD. DWG. 2415.
2. MOUNTABLE ROLL TYPE CURB & GUTTER PER STD. DWG. 2415.
3. CUT-OFF WALL (8" x 24" MIN.) PER STD. DWG. 2415.
4. TYPE III BARRICADE W/ "ROAD CLOSED" SIGN (R11-2, 48" x 30") PER MUTCD.
5. 4' CONCRETE SIDEWALK PER STD. DWG. 2430.
6. CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
7. WHEEL CHAIR RAMP PER STD. DWG. 2441, CASE II.
8. WHEEL CHAIR RAMP WITH TRANSITION FROM STD. C & G TO MOUNTABLE ROLL TYPE C & G PER. STD. DWG. 2418.
9. SAWCUT AND REMOVE EXIST. CUT-OFF WALL & PAVEMENT EDGE (2'± WIDTH) AS REQUIRED TO PROVIDE A SMOOTH JOINT TO THE NEW CONSTRUCTION.

GENERAL NOTES

1. ALL DISTANCES ARE MEASURED TO FACE OF CURB.
2. ALL RETURN RADIUS SHALL BE 25'.
3. SEE SHEETS 4 & 5 FOR LEGEND.

℄ CURVE DATA

1. Δ = 01°05'30" R = 811.00' L = 15.45' T = 7.73'
2. Δ = 05°23'15" R = 1189.00' L = 111.80' T = 55.94'
3. Δ = 05°11'32" R = 1189.00' L = 107.75' T = 53.91'
4. Δ = 74°39'27" R = 200.00' L = 260.60' T = 152.52'
5. Δ = 16°05'47" R = 300.00' L = 84.28' T = 42.42'

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

6/18/98

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

BENCH MARKS
ACS 18-L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW, EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

AS BUILT INFORMATION
CONTRACTOR/NEW CONCEPTS DATE 3/98
WORK STAKED BY: COA DATE 3/98
INSPECTION BY: RAY BACA DATE 3/98
FIELD VERIFICATION BY: COA DATE 3/98
DRAWINGS CORRECTED BY: JAMES GREINER DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE

ENGINEER'S SEAL
NEW MEXICO
JAMES A. KLEIN
13151
REGISTERED PROFESSIONAL ENGINEER
5/18/98

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY: LSJ	DATE: 5/97
		DRAWN BY: JAK	DATE: 5/97
		CHECKED BY: MSH/DM	DATE: 5/97

GREINER PROJECT NO. 5300897.27

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

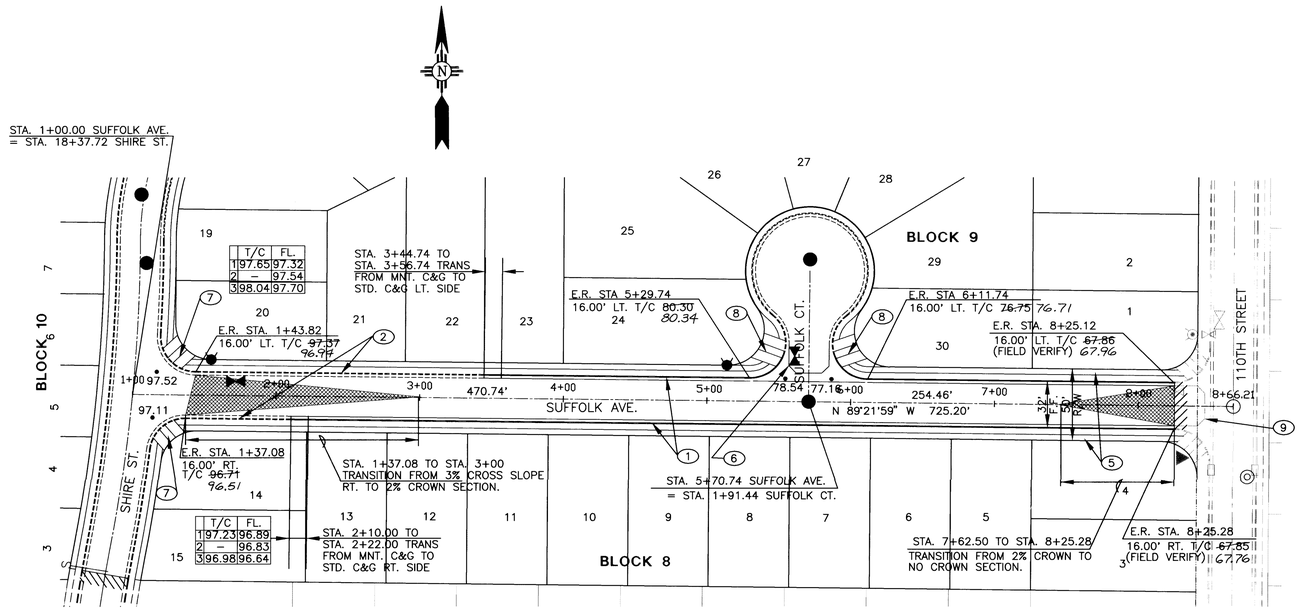
TITLE: **SUNRISE TERRACE WEST, UNIT 3**
ROAN AVE./SHIRE ST.
STREET PAVING PLAN AND PROFILE

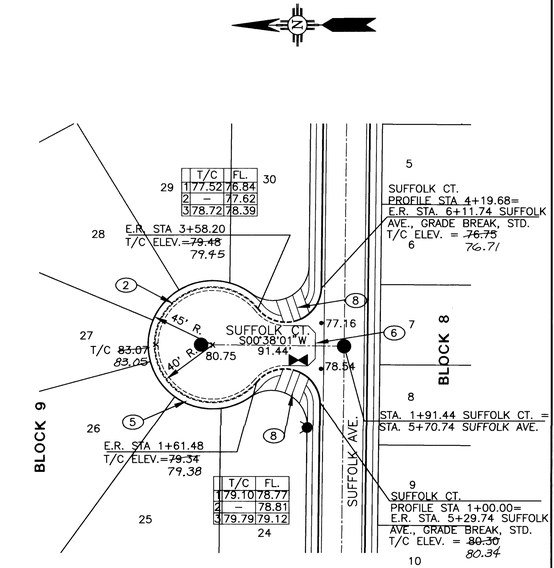
Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr.

City Project No. 549583 | Zone Map No. L-8 | Sheet 6 Of 15

E30089707 P:\CADD\ROADW32.DWG

SCANNED BY BY LASON





KEYED NOTES

1. STANDARD CURB & GUTTER PER STD. DWG. 2415.
2. MOUNTABLE ROLL TYPE CURB & GUTTER PER STD. DWG. 2415.
3. CUT–OFF WALL (8" x 24" MIN.) PER STD. DWG. 2415.
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6. CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
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8. WHEEL CHAIR RAMP WITH TRANS–ITION FROM STD. C & G TO MOUNTABLE ROLL TYPE C & G PER. STD. DWG. 2418.
9. SAWCUT AND REMOVE EXISTING CUT–OFF WALL & PAVEMENT EDGE (2' ± WIDTH) AS REQUIRED TO PROVIDE A SMOOTH JOINT TO THE NEW CONSTRUCTION.

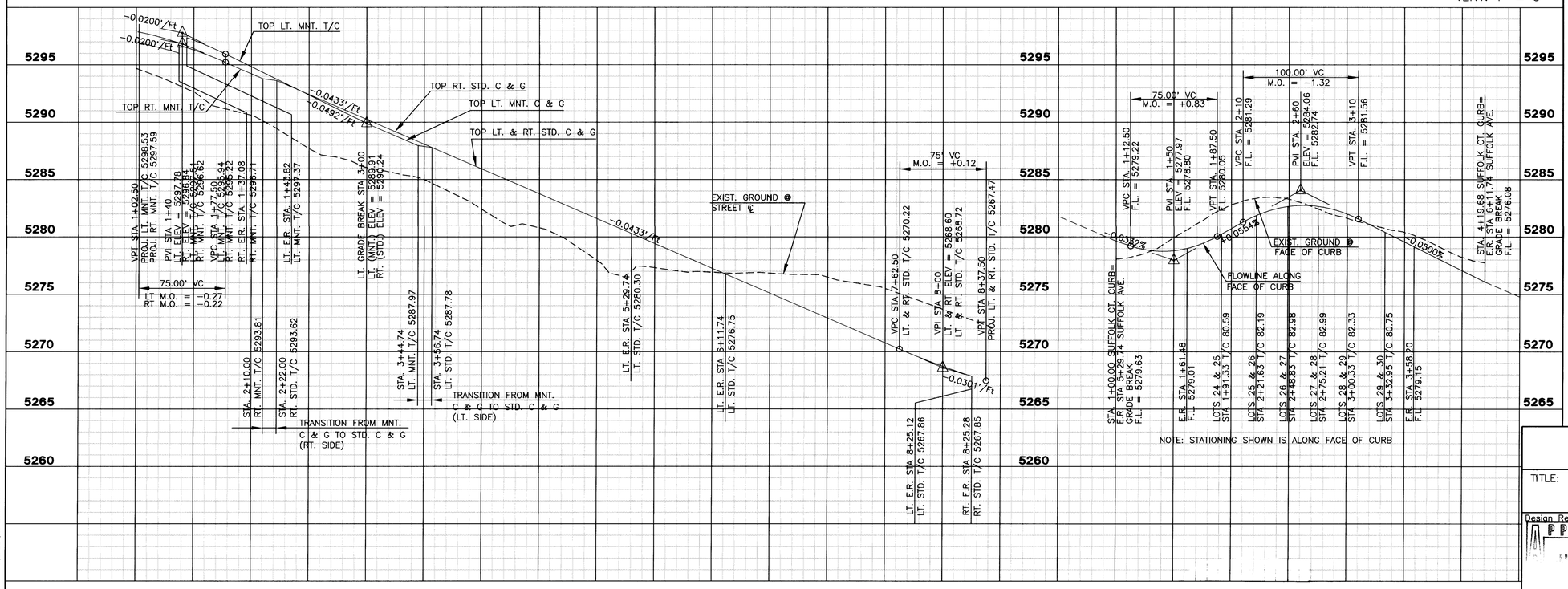
GENERAL NOTES

1. ALL DISTANCES ARE MEASURED TO FACE OF CURB.
2. ALL RETURN RADIUS SHALL BE 25'.
3. SEE SHEETS 4 & 5 FOR LEGEND.
4. ALL DIMENSIONS AND RADII OF CURB AND GUTTER RETURNS ARE SHOWN TO FACE OF CURB.

SUFFOLK AVE.

SUFFOLK CT.

HORIZ. 1" = 50'
VERT. 1" = 5'



SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARKS
ACS 18–L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG # 736 TANAGER DR. SW, EPOXIED ON WEST SIDE OF SAID CONC. BASE. ELEV. = 5253.59

AS BUILT INFORMATION
CONTRACTOR'S REVIEW CONCEPTS DATE 3/98
WORK STAKED BY COA DATE 3/98
ACCEPTANCE BY RAY BACA DATE 3/98
FIELD VERIFICATION BY COA DATE 3/98
DRAWINGS CORRECTED BY URS GREINER DATE 3/98
MICRO–FILM INFORMATION
RECORDED BY DATE

ENGINEER'S SEAL
S. HOLSTAD 8378 NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
6/16/97
GREINER PROJECT NO. E30089.27

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

6/8/97

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345–3999

NO. | DATE | REMARKS | BY
REVISIONS
DESIGN DATE: 5/97
DESIGNED BY: LSJ
DRAWN BY: JAK DATE: 5/97
CHECKED BY: MSH/DM DATE: 5/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

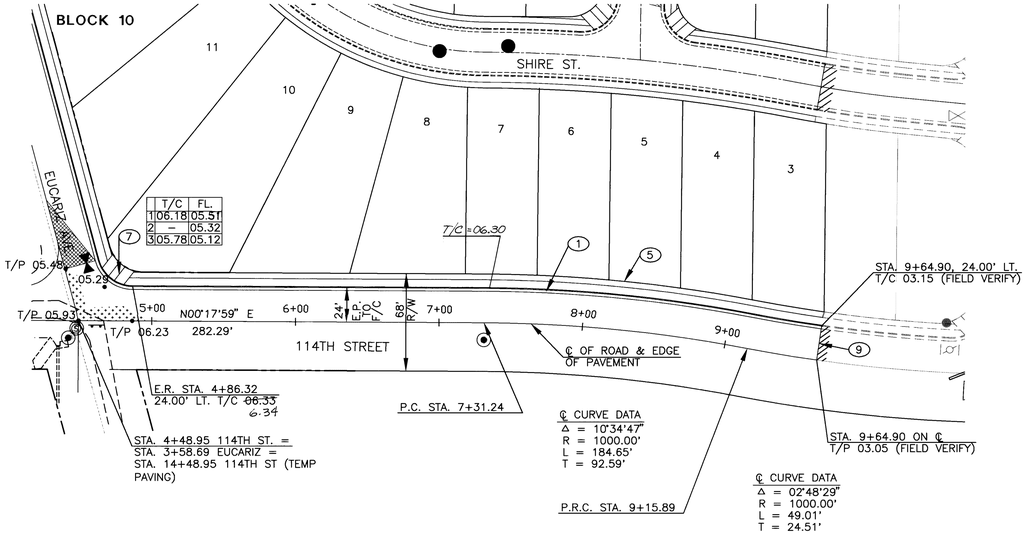
TITLE: SUNRISE TERRACE WEST, UNIT 3
SUFFOLK AVE. & SUFFOLK CT.
STREET PAVING PLAN AND PROFILE

Design Review Committee: APPROVED
City Engineer Approval
Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 549583
Zone Map No. L-8
Sheet 7 Of 15

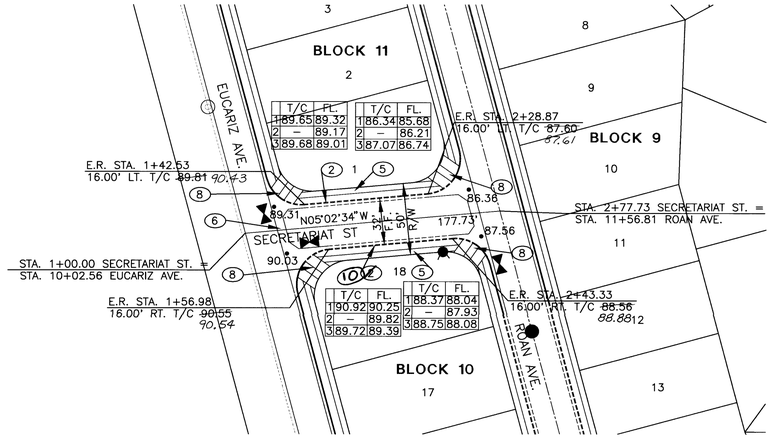
E30089707 P:\CADD\ROADW31.DWG

SCANNED BY BY LASON



	T/C	FL.
1	06.18	05.51
2	–	05.32
3	05.78	05.12

114TH ST.



	T/C	FL.
1	89.65	89.32
2	–	89.17
3	89.68	89.01

	T/C	FL.
1	86.34	85.68
2	–	86.21
3	87.07	86.74

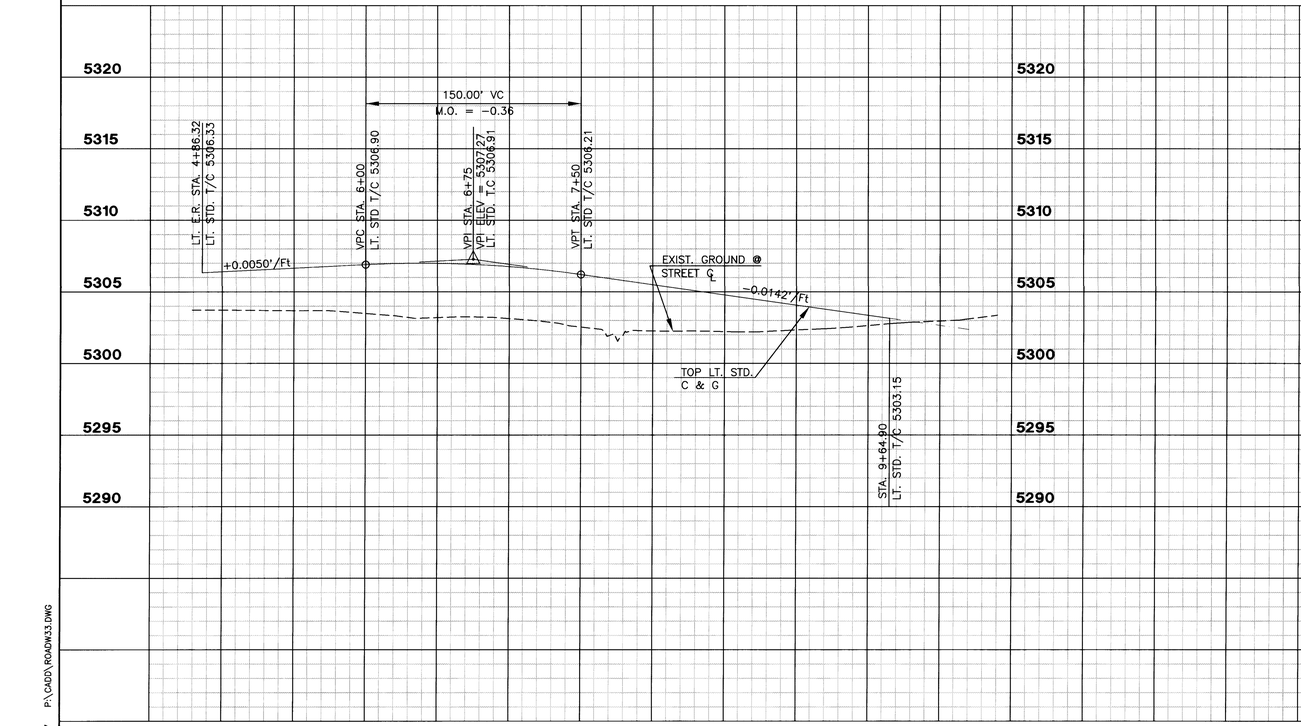
	T/C	FL.
1	90.92	90.25
2	–	89.82
3	89.72	89.39

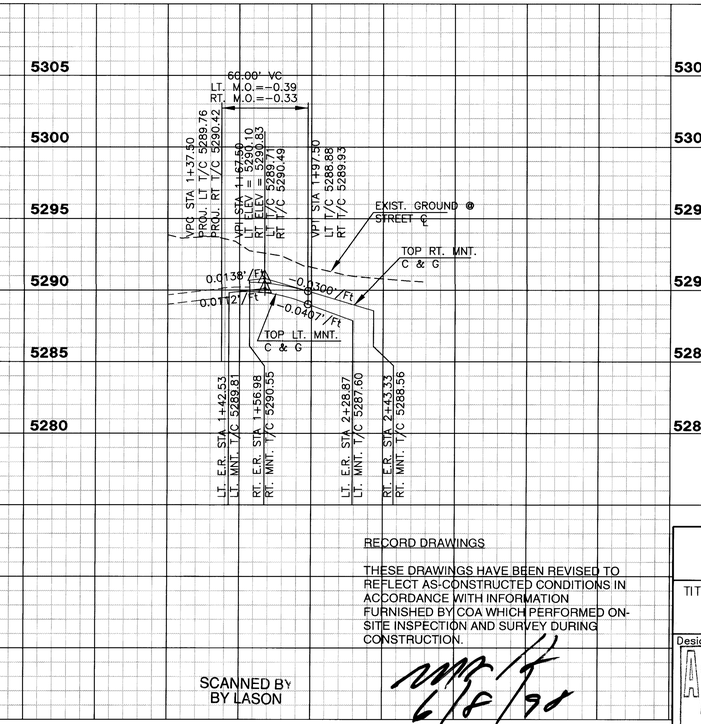
	T/C	FL.
1	88.37	88.04
2	–	87.93
3	88.75	88.08

SECRETARIAT ST.

SECRETARIAT ST. – NO CROWN

HORIZ. 1" = 50'
VERT. 1" = 5'





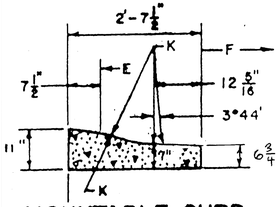
KEYED NOTES

1. STANDARD CURB & GUTTER PER STD. DWG. 2415.
2. MOUNTABLE ROLL TYPE CURB & GUTTER PER STD. DWG. 2415.
3. CUT–OFF WALL (8" x 24" MIN.) PER STD. DWG. 2415.
4. NOT USED.
5. 4' CONCRETE SIDEWALK PER STD. DWG. 2430.
6. CONCRETE VALLEY GUTTER PER STD. DWG. 2420.
7. WHEEL CHAIR RAMP PER STD. DWG. 2441, CASE II.
8. WHEEL CHAIR RAMP WITH TRANSITION FROM STD. C & G TO MOUNTABLE ROLL TYPE C & G PER. STD. DWG. 2418.
9. SAWCUT AND REMOVE EXIST. CUT–OFF WALL & PAVEMENT EDGE (2'± WIDTH) AS REQUIRED TO PROVIDE A SMOOTH JOINT TO THE NEW CONSTRUCTION.
10. MOUNTABLE CURB W/MODIFIED LIP. SEE DETAIL BELOW

GENERAL NOTES

1. ALL DISTANCES ARE MEASURED TO FACE OF CURB.
2. ALL RETURN RADIUS SHALL BE 25'.
3. SEE SHEETS 4 & 5 FOR LEGEND.

THIS DETAIL IS BASED ON COA STD. DWG. 2415. MODIFY LIP SO NO FLOW IS CONTAINED IN GUTTER.



MOUNTABLE CURB ROLL TYPE

MODIFIED LIP

KEYED NOTES ARE SHOWN IN COA STD. DWG. 2415

RECORD DRAWINGS

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SCANNED BY BY LASON

6/8/98

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK STAKED BY COA
WORK CHECKED BY RAY BACA DATE 3/98
ACCEPTANCE BY COA
FIELD VERIFICATION BY COA DATE 3/98
DRAWINGS CORRECTED BY JAMES GREINER DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE

BENCH MARKS
ACS 18-18, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW. EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
MARK S. HOLSTAD
NEW MEXICO
10
7844
REGISTERED PROFESSIONAL ENGINEER
GREINER PROJECT NO. E30089707.27

REMARKS / REVISIONS | BY | NO. | DATE
DESIGN
DESIGNED BY: LSJ — DATE: 5/97
DRAWN BY: JAK — DATE: 5/97
CHECKED BY: MSH/DM — DATE: 5/97

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

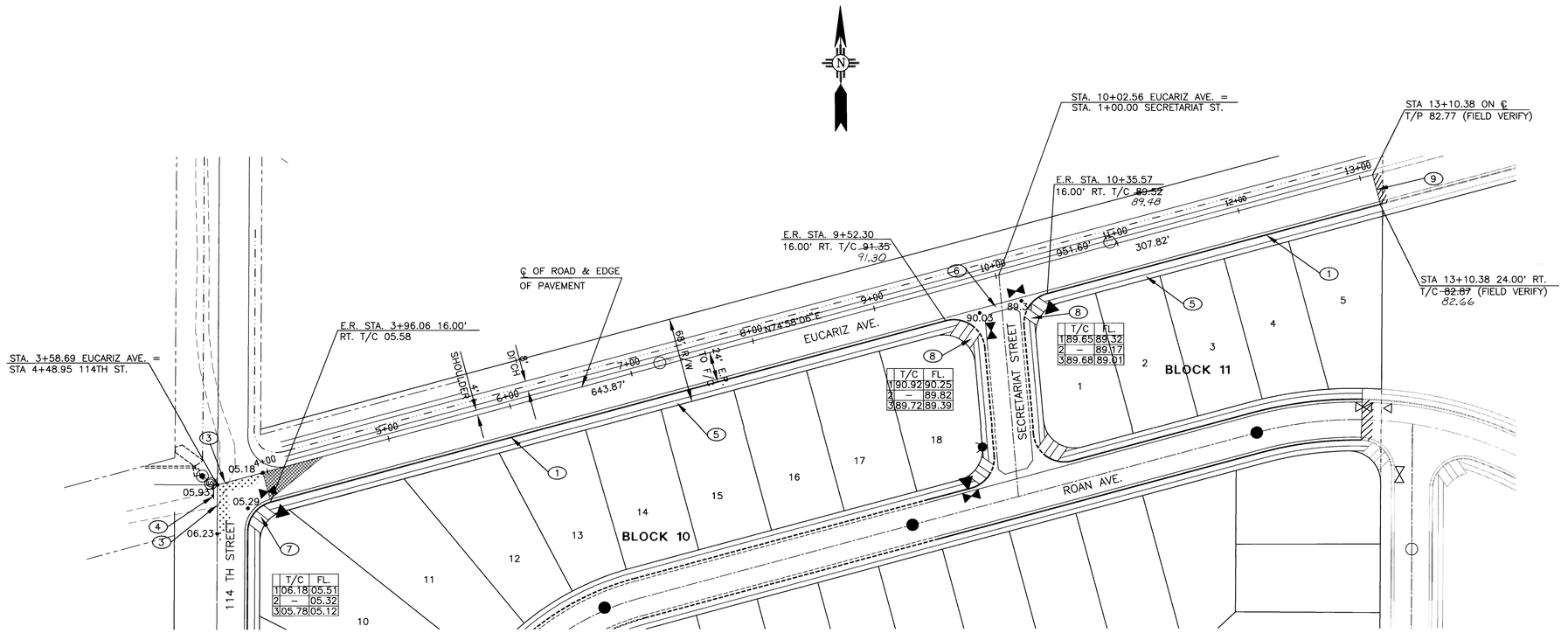
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE TERRACE WEST, UNIT 3**
114TH ST. AND SECRETARIAT ST.
STREET PAVING PLAN AND PROFILE

Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

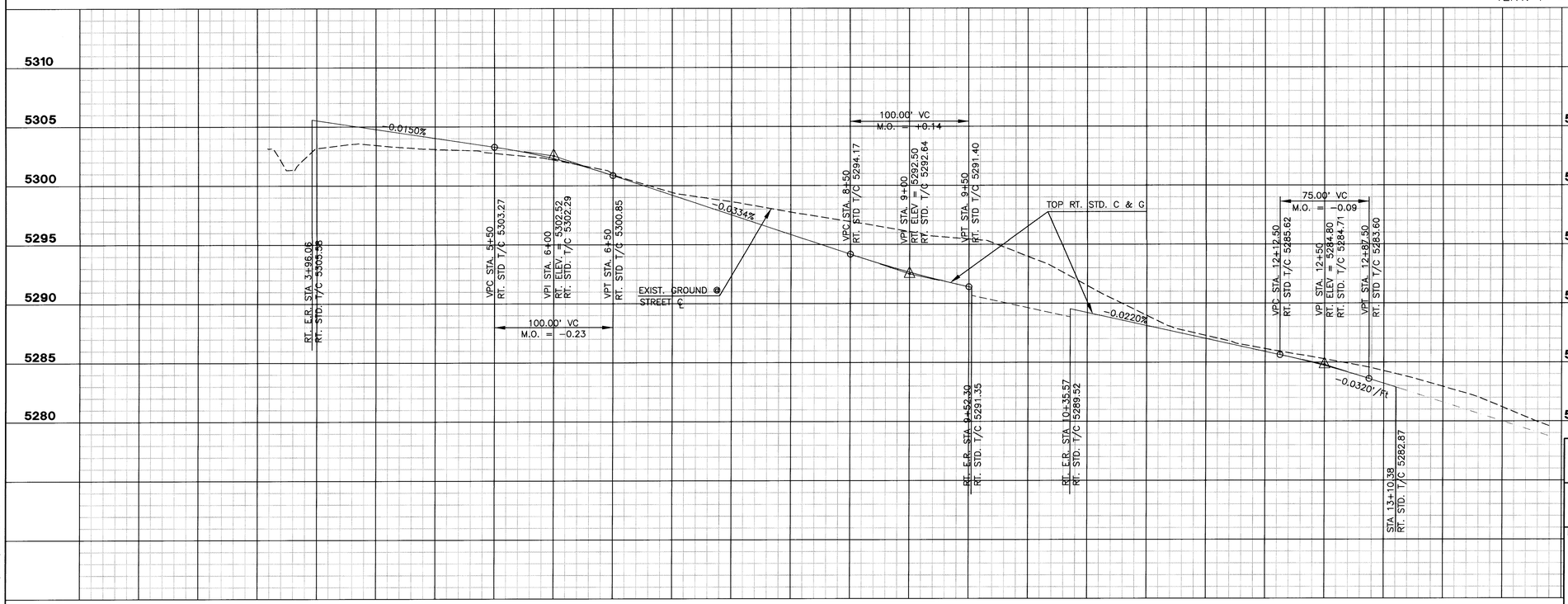
City Project No. 549583 | Zone Map No. L-8 | Sheet 8 Of 15

E30089707 P:\CADD\ROADW33.DWG



EUCARIZ AVE.

HORIZ. 1" = 50'
VERT. 1" = 5'



KEYED NOTES

1. STANDARD CURB & GUTTER PER STD. DWG. 2415.
2. MOUNTABLE ROLL TYPE CURB & GUTTER PER STD. DWG. 2415.
3. CUT–OFF WALL (8" x 24" MIN. x 30') PER STD. DWG. 2415.
4. TYPE III BARRICADE W/ "ROAD CLOSED" SIGN (R11–2, 48" x 30") & 1 LT. ARROW SIGN (W1–6, 48" x 24") PER MUTCD.
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8. WHEEL CHAIR RAMP WITH TRANS–ITION FROM STD. C & G TO MOUNTABLE ROLL TYPE C & G PER. STD. DWG. 2418.
9. SAWCUT AND REMOVE EXIST. CUT–OFF WALL PAVEMENT EDGE (2'± WIDTH) AS REQUIRED TO PROVIDE A SMOOTH JOINT TO THE NEW CONSTRUCTION.

GENERAL NOTES

1. ALL DISTANCES ARE MEASURED TO FACE OF CURB.
2. ALL RETURN RADIUS SHALL BE 25'.
3. SEE SHEETS 4 & 5 FOR LEGEND.

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK INSPECTED BY COA
INSPECTOR'S ACCEPTANCE BY KAY BACA DATE 3/98
AS-BUILT CERTIFICATION BY COA DATE 3/98
DRAWINGS CHECKED BY LES GREINER DATE 3/98
MICRO–FILM INFORMATION
RECORDED BY DATE

BENCH MARKS
ACS 18–L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW. EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
MARK S. HOLSTAD
NEW MEXICO
No. 7288
REGISTERED PROFESSIONAL ENGINEER
7-15-97
GREINER PROJECT NO. E30089707

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

6/16/97

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345–3999

NO. | DATE | REMARKS BY
REVISIONS
DESIGN
DESIGNED BY: LSJ DATE: 5/97
DRAWN BY: JAK DATE: 5/97
CHECKED BY: MSH/DM DATE: 5/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

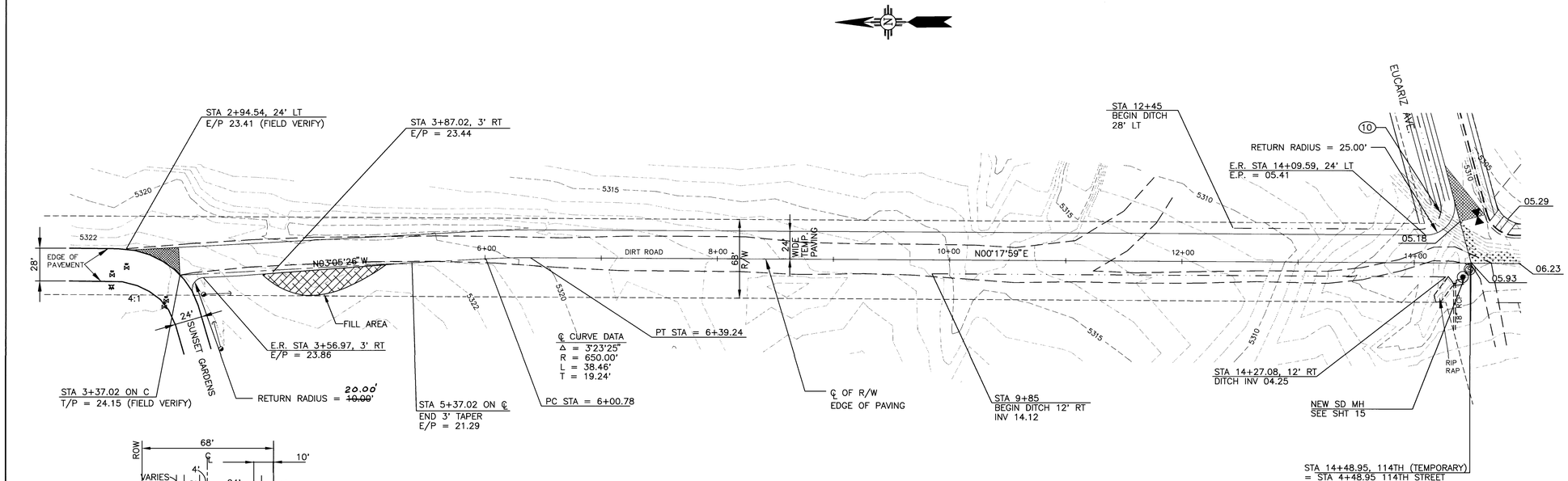
TITLE: **SUNRISE TERRACE WEST, UNIT 3**
EUCARIZ AVE.
STREET PAVING PLAN AND PROFILE

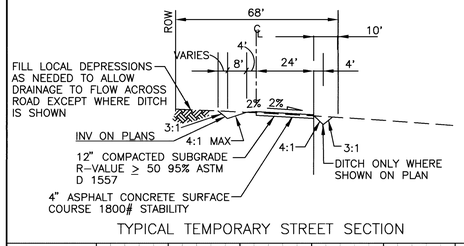
Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 549583 | Zone Map No. L-8 | Sheet 9 Of 15

E30089707 P:\CADD\ROADW34.DWG

SCANNED BY
BY LASON

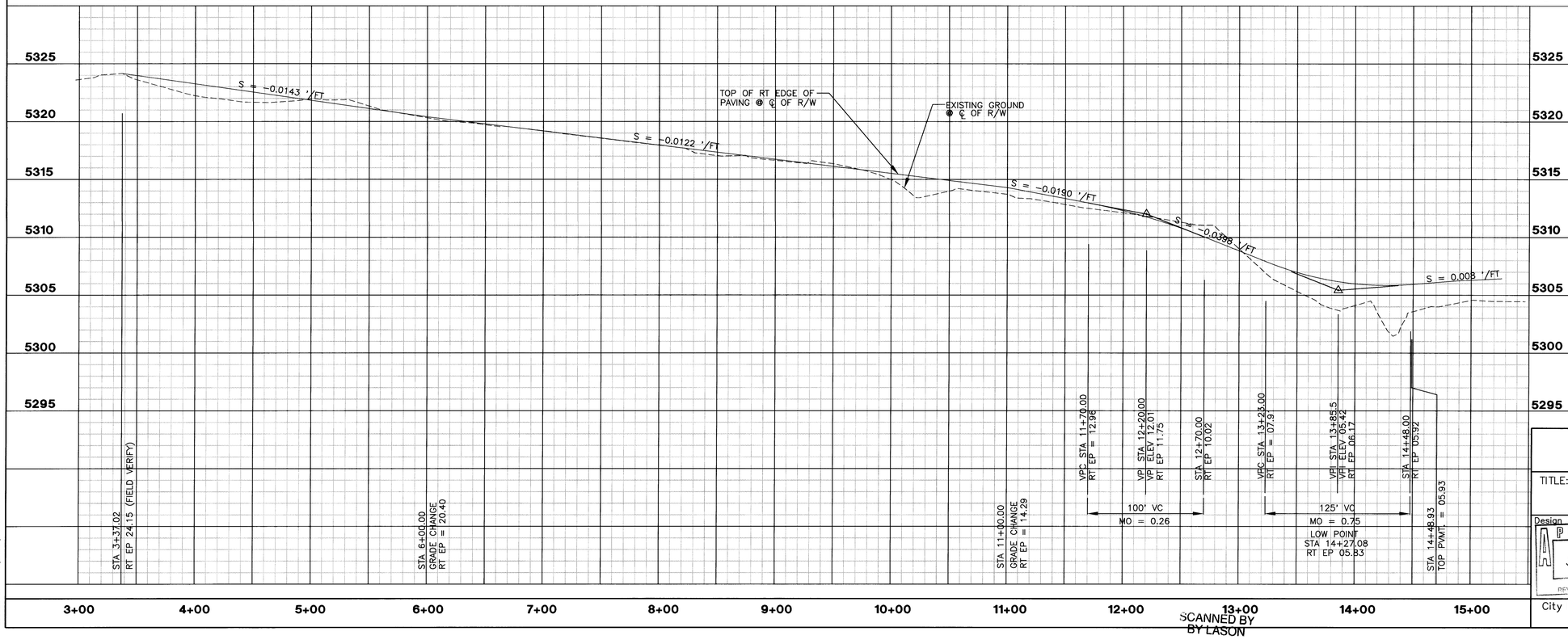




TYPICAL TEMPORARY STREET SECTION

114TH ST. (TEMPORARY PAVING)

HORIZ. 1" = 50'
VERT. 1" = 5'



KEYED NOTES

1. STANDARD CURB & GUTTER PER STD. DWG. 2415.
2. MOUNTABLE ROLL TYPE CURB & GUTTER PER STD. DWG. 2415.
3. CUT-OFF WALL (8" x 24" MIN. x 30') PER STD. DWG. 2415.
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9. SAWCUT AND REMOVE EXIST. CUT-OFF WALL PAVEMENT EDGE (2'± WIDTH) AS REQUIRED TO PROVIDE A SMOOTH JOINT TO THE NEW CONSTRUCTION.
10. TRANSITION 114TH TEMPORARY DITCH TO MATCH DITCH PARALLEL TO EUCARIZ AVE.

GENERAL NOTES

1. SEE SHEETS 4 & 5 FOR LEGEND.

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS-CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

MD 12/18/98

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK STAKED BY COA
ACCEPTANCE BY RAY BACA DATE 3/98
FIELD VERIFICATION BY COA DATE 3/98
DRAWINGS CORRECTED BY URS GREINER DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE

BENCH MARKS

NO.	DATE	
		ACS 18-L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW. EPOXIED ON WEST SIDE OF SAID CONC. BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

GREINER PROJECT NO. E30089707.27

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: SKJ DATE: 7/97
DRAWN BY: JAK DATE: 7/97
CHECKED BY: MSH/DM DATE: 7/97

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

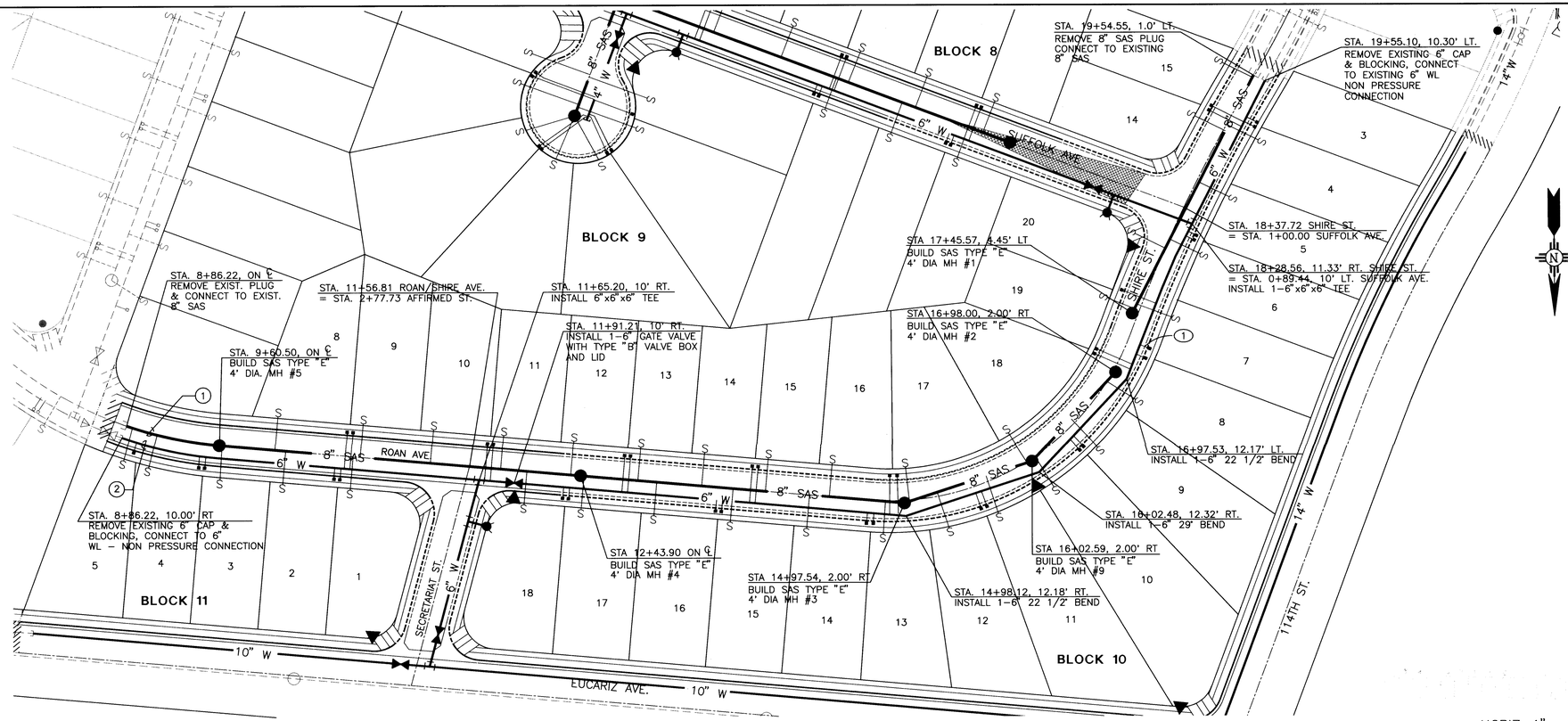
TITLE: **SUNRISE TERRACE WEST, UNIT 3**
114TH ST.
STREET PAVING PLAN AND PROFILE

Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet	Of
549583	L-8	10	15

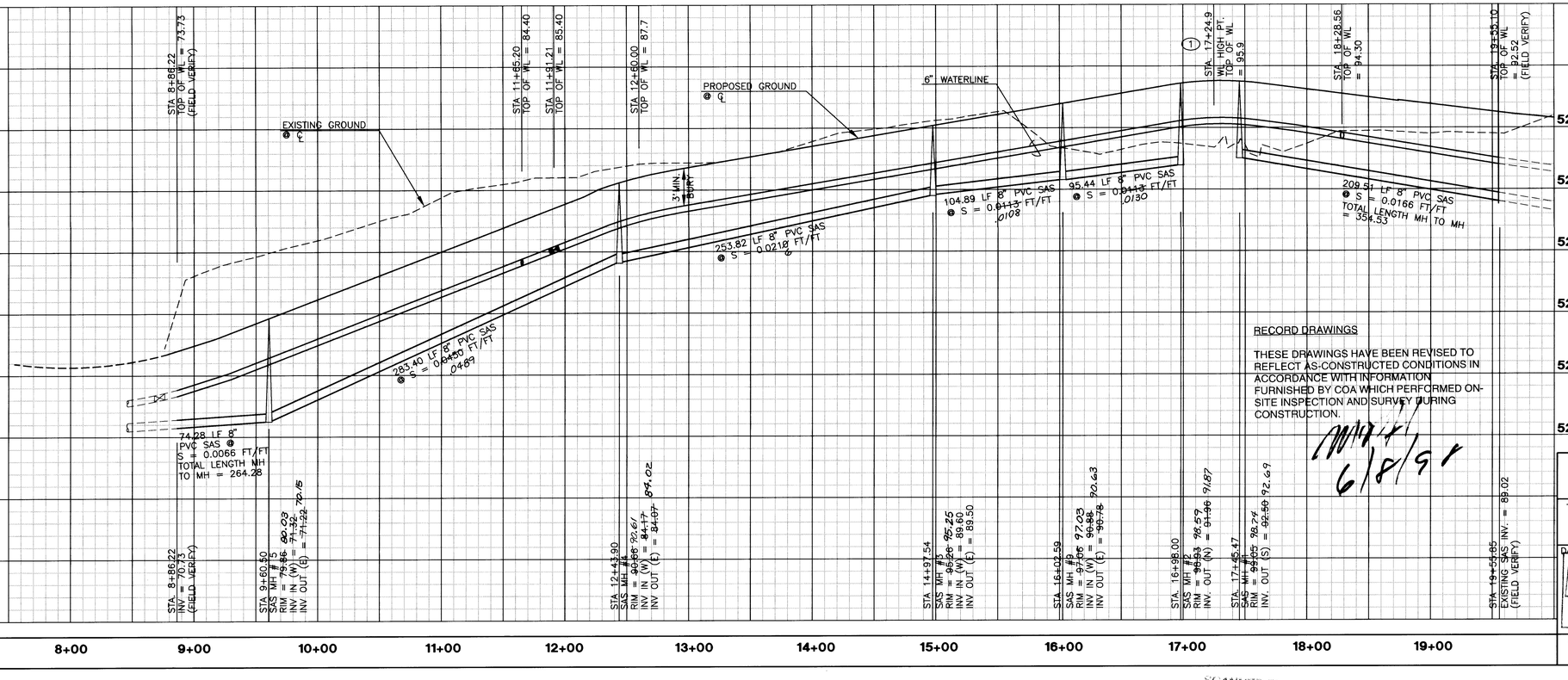
P:\CADD\ROADW35.DWG
E30089707

SCANNED BY
BY LASON



ROAN AVE./SHIRE ST.

HORIZ. 1" = 50'
VERT. 1" = 5'



RECORD DRAWINGS

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6/8/97

GENERAL NOTES

1. ALL STATIONING REFERS TO STREET CENTERLINE.
2. ALL FITTINGS AND VALVES ON WATERLINES SHALL HAVE RESTRAINED JOINTS PER THE SCHEDULE ON DETAIL SHEET 5.
3. CONSTRUCT 4" SAS SERVICES PER C.O.A. STD. DWG. #2125.
4. CONSTRUCT FIRE HYDRANTS PER C.O.A. STD. DWG. 2340.
5. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER C.O.A. STD. DWGS. #2360, #2361, #2362 & #2363. WATER SERVICES SHALL BE 3/4".
6. CONSTRUCT VALVE BOXES PER COA STD. DWG. #2326, TYPE "B".
7. CONSTRUCT TYPE "A" INLET PER COA STD. DWGS. #2201 & #2202.
8. CONSTRUCT TYPE DOUBLE "C" INLET PER COA STD. DWGS. #2205.
9. CONSTRUCT TYPE "E" MANHOLES PER COA STD. DWG. 2102. TYPE "C" MANHOLES PER C.O.A. STD. DWG. 2101 MAY BE USED IN LIEU OF TYPE "E" MANHOLE.

KEYED NOTES

(1) WATER SERVICE SHALL BE PLACED AT THE HIGHEST POINT IN THE WATER MAIN.

CURVE DATA

(1) CURVILINEAR SEWER
STA. 8+86.22 TO STA 9+60.50
Δ = 14°11'11"
R = 300.00'
L = 74.28'

(2) CURVILINEAR WATER
STA. 8+86.22 TO STA. 9+60.50
Δ = 13°43'44"
R = 310.00'
L = 74.28'

ROAN/SHIRE AVE. SEWER SERVICES

BLK.	LOT	STATION	INVERT @ P.L.	LENGTH/ RISER
8	14	19+05.96	93.09	22.9/3.0
8	15	19+52.97	92.35	22.9/3.0
9	8	10+04.17	78.14	21.2/5.3
9	9	10+71.11	80.73	21.7/4.7
9	10	11+26.11	82.85	22.0/4.2
9	11	11+81.11	84.97	22.4/3.7
9	12	12+36.11	86.66	23.2/2.6
9	13	12+88.77	87.93	23.3/2.4
9	14	13+38.77	88.82	23.5/2.2
9	15	13+88.77	89.67	23.7/1.9
9	16	14+38.77	90.53	23.9/1.6
9	17	15+01.54	91.60	25.2/1.1
9	18	15+98.59	93.26	24.6/1.9
9	19	17+49.56	95.03	19.6/2.1
9	20	18+02.50	94.41	23.3/2.4
10	4	19+10.76	92.03	23.9/1.6
10	5	18+60.65	92.68	24.1/1.3
10	6	18+10.42	93.30	24.3/1.0
10	7	17+53.54	94.47	28.2/1.2
10	8	16+88.31	94.28	23.7/1.8
10	9	16+47.20	93.59	27.7/1.4
10	10	16+06.59	92.90	23.1/1.2
10	11	15+64.99	92.69	28.4/1.5
10	12	15+23.89	91.48	28.5/0
10	13	14+82.78	90.27	25.0/0
10	14	14+23.32	89.26	25.0/0
10	15	13+63.42	88.23	25.0/0
10	16	13+03.52	87.21	25.0/0
10	17	12+46.63	85.99	25.0/0
10	18	12+01.76	84.77	23.6/2.0
11	1	10+65.59	79.51	22.7/3.3
11	2	10+12.59	77.47	22.3/3.8
11	3	9+64.50	75.63	22.0/4.2
11	4	9+11.11	73.59	23.4/2.2
11	5	8+91.12	72.98	23.9/1.5

AS BUILT INFORMATION
CONTRACTOR: NEW CONCEPTS DATE 3/98
WORK STARTED BY: COA
INSPECTION OR ACCEPTANCE BY: KAY BACA DATE 3/98
VERIFICATION BY COA DATE 3/98
DRAWINGS CORRECTED BY: URS GREINER DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY: DATE

BENCH MARKS
ACS 18-L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW, EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
MARK S. HOLSTAD
NEW MEXICO
10207
REGISTERED PROFESSIONAL ENGINEER
GREINER PROJECT NO. 5300897.27

REMARKS
REVISIONS
DESIGN
NO. BY DATE
DESIGNED BY: LSJ DATE: 5/97
DRAWN BY: JAK DATE: 5/97
CHECKED BY: MSH/DM DATE: 5/97

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
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(505) 345-3999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

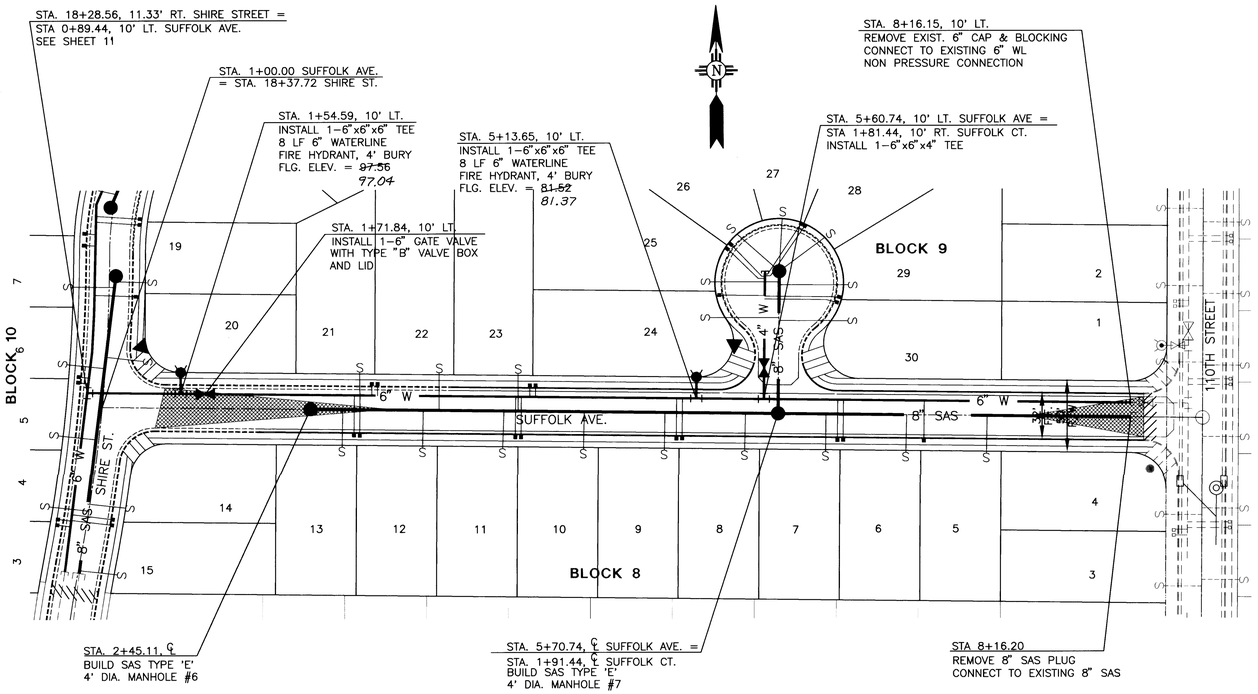
TITLE: **SUNRISE TERRACE WEST, UNIT 3**
ROAN AVE./SHIRE ST.
UTILITY PLAN AND PROFILE

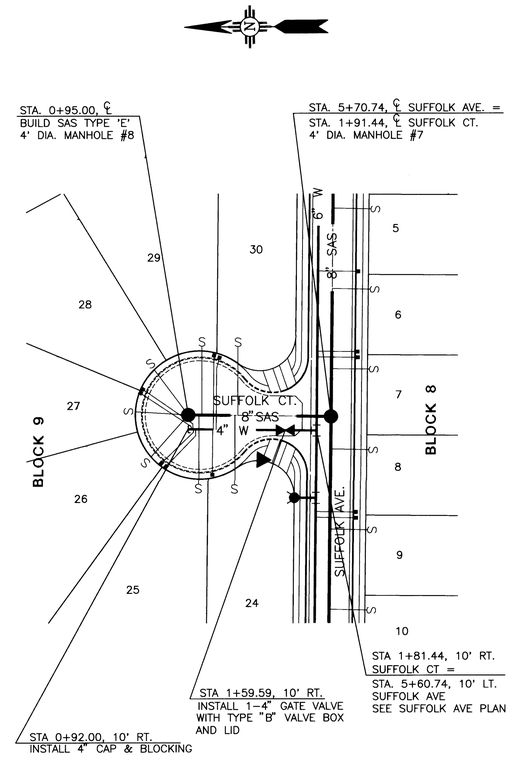
Design Review Committee: APPROVED JUL 21 1997 DESIGN REVIEW
City Engineer Approval
Last Design Update: Mo./Day/Yr.

City Project No. 549583 | Zone Map No. L-8 | Sheet 11 Of 15

E30089707 P:\CADD\UTILITY\UTILW32.DWG

SCANNED BY





GENERAL NOTES

1. ALL STATIONING REFERS TO STREET CENTERLINE.
2. ALL FITTINGS AND VALVES ON WATERLINES SHALL HAVE RESTRAINED JOINTS PER THE SCHEDULE ON DETAIL SHEET 5.
3. CONSTRUCT SAS SERVICES PER C.O.A. STD. DWG. #2125.
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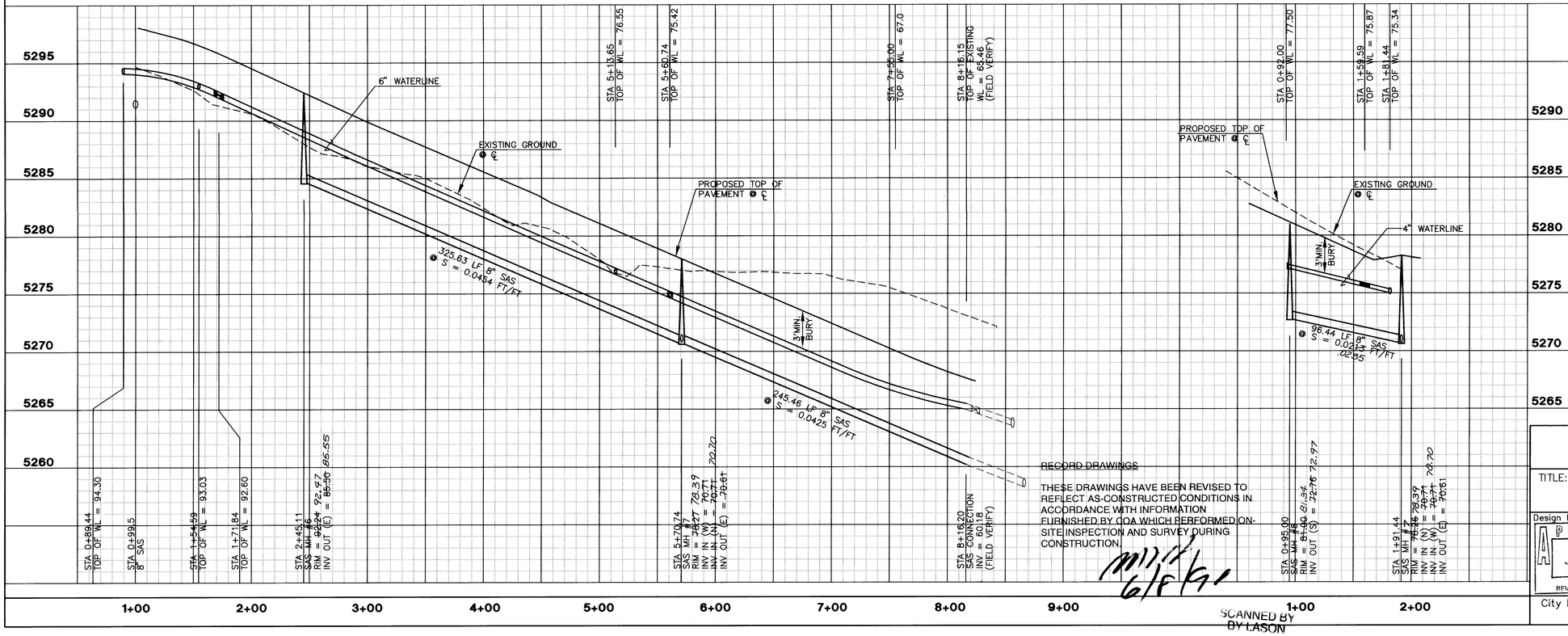
7. CONSTRUCT TYPE "A" INLET PER COA STD. DWGS. #2201 & #2202.
8. CONSTRUCT TYPE DOUBLE "C" INLET PER COA STD. DWGS. #2205.
9. CONSTRUCT TYPE "E" MANHOLES PER COA STD. DWG. 2102. TYPE "C" MANHOLES PER C.O.A. STD. DWG. 2101 MAY BE USED IN LIEU OF TYPE "E" MANHOLE.

SUFFOLK CT. SEWER SERVICES				
BLK.	LOT	STATION	INVERT @ P.L.	LENGTH/ RISER
9	24	1+24.36	76.08	35.0'/3.6'
9	25	0+99.36	76.25	42.9'/2.9'
9	26	0+95.00	78.58	34.5'/6.3'
9	27	0+95.00	79.36	31.3'/7.5'
9	28	0+95.00	78.69	34.7'/6.5'
9	29	1+01.44	77.53	41.6'/4.8'
9	30	1+26.44	76.16	33.9'/3.8'

SUFFOLK AVE. SEWER SERVICES				
BLK.	LOT	STATION	INVERT @ P.L.	LENGTH/ RISER
8	5	7+16.33	68.55	22.0'/4.3'
8	6	6+60.22	70.98	21.9'/4.3'
8	7	6+04.13	73.41	21.9'/4.4'
8	8	5+48.04	75.84	22.0'/4.2'
8	9	4+91.96	78.26	22.1'/4.0'
8	10	4+35.87	80.69	22.3'/3.9'
8	11	3+79.78	83.12	22.4'/3.7'
8	12	3+23.69	85.54	22.5'/3.5'
8	13	2+67.60	87.97	22.6'/3.3'
9	21	2+79.62	86.24	23.8'/1.6'
9	22	3+34.74	83.79	23.8'/1.7'
9	23	3+89.74	81.68	23.4'/2.3'



RECORD DRAWINGS

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6/8/98

SCANNED BY BY LASON

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK STAKED BY COA
ACCEPTANCE BY KAY BACA DATE 3/98
FIELD LOCATION BY COA DATE 3/98
DRAWINGS CORRECTED BY LUIS GREINER DATE 3/98
MICRO-FILM INFORMATION DATE
RECORDED BY

BENCH MARKS
ACS 18-L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW, EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
GREINER PROJECT NO. E30089.27

NO.	DATE	BY
	REMARKS	
	REVISIONS	
	DESIGN	
	DESIGNED BY: LSJ	DATE: 5/97
	DRAWN BY: JAK	DATE: 5/97
	CHECKED BY: MSH/DM	DATE: 5/97

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(505) 345-3999

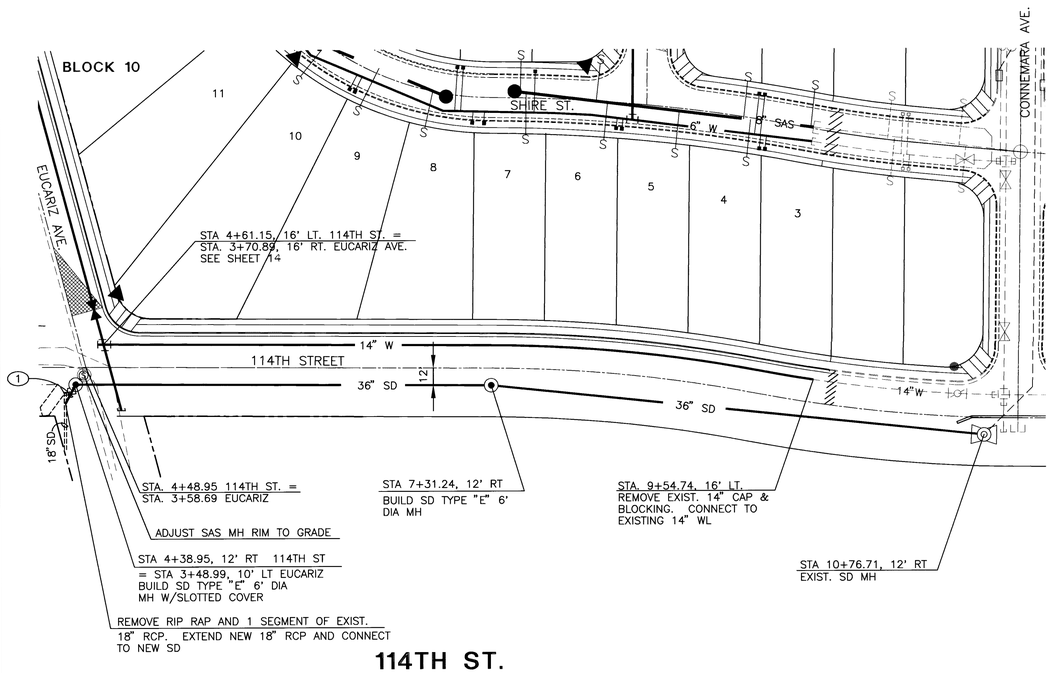
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

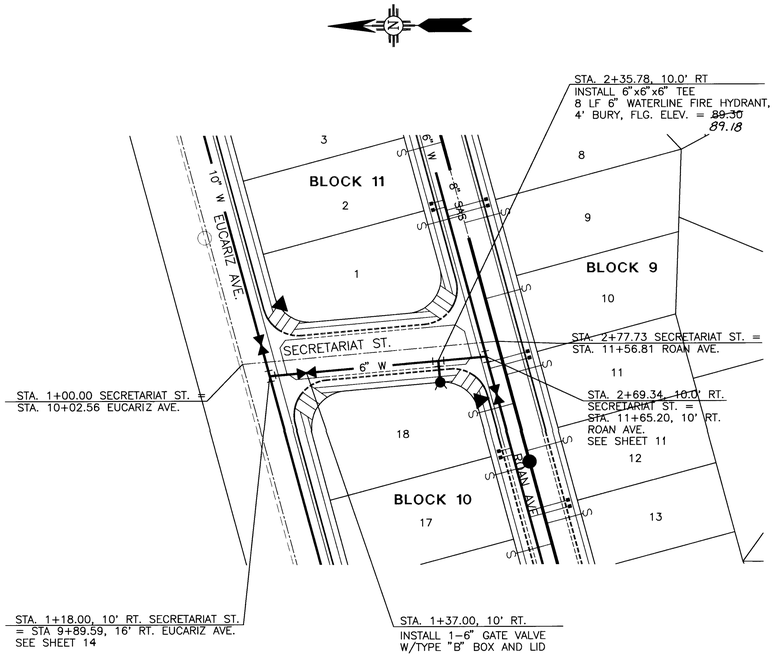
TITLE: **SUNRISE TERRACE WEST, UNIT 3**
SUFFOLK AVE. & SUFFOLK CT.
UTILITY PLAN AND PROFILE

Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 549583 | Zone Map No. L-8 | Sheet 12 Of 15

E30089707 P:\CADD\UTILITY\UTILW31.DWG





GENERAL NOTES

1. ALL STATIONING REFERS TO STREET CENTERLINE.
2. ALL FITTINGS AND VALVES ON WATERLINES SHALL HAVE RESTRAINED JOINTS PER THE SCHEDULE ON DETAIL SHEET 5.
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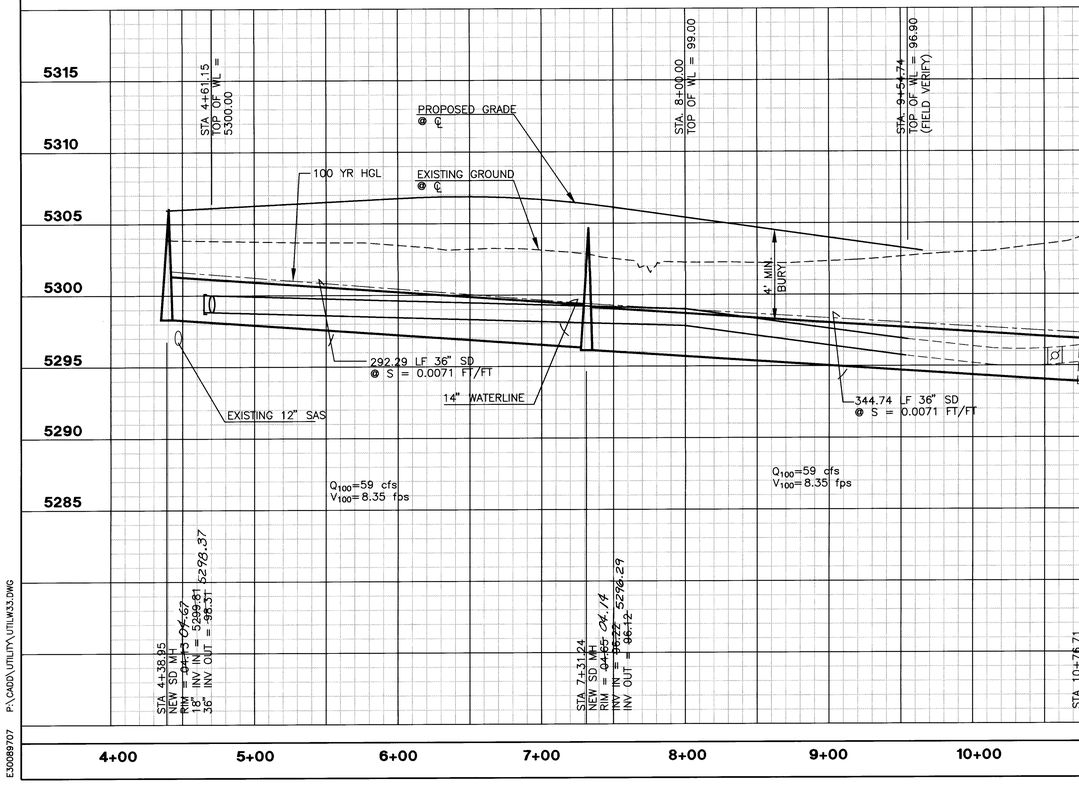
9. CONSTRUCT TYPE "E" MANHOLES PER COA STD. DWG. 2102. TYPE "C" MANHOLES PER C.O.A. STD. DWG. 2101 MAY BE USED IN LIEU OF TYPE "E" MANHOLE.

KEYNOTES

(1) 15.27 LF 18" RCP SD @ S = 0.1009 FT/FT



SCANNED BY

E30089707 P:\CADD\UTILITY\UTILW33.DWG

RECORD DRAWINGS

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21 of 34

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK INSPECTORS BY COA
ACCEPTANCE BY RAY BACA DATE 3/98
VERIFICATION BY COA DATE 3/98
DRAWINGS CORRECTED BY JAMES GREINER DATE 3/98
MICRO-FILM INFORMATION
DATE
RECORDED BY

BENCH MARKS
BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW. (POXIED ON WEST SIDE OF SAID CONC.
ACS 18-L8, LOCATED ON TOP OF CONCRETE
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
MARK S. HOLSTAD
NEW MEXICO
No. 7888
REGISTERED PROFESSIONAL ENGINEER
GREINER PROJECT NO. E30089707

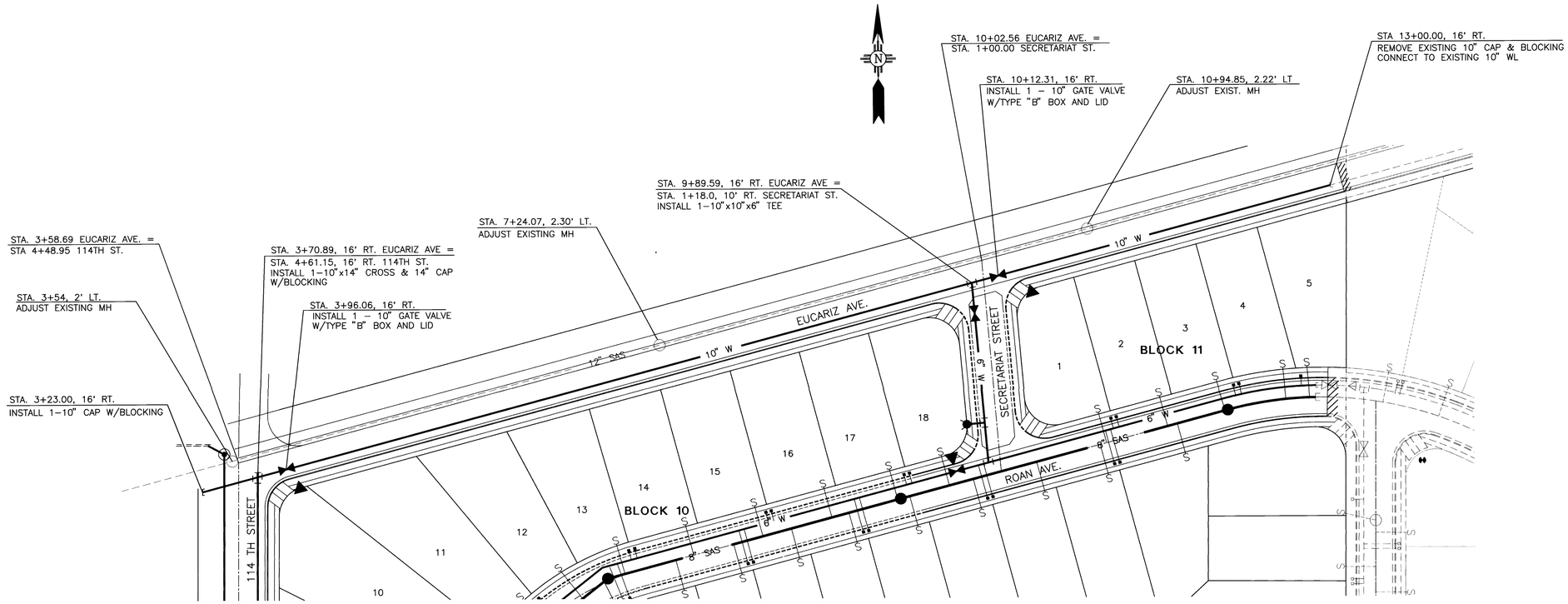
NO.	DATE	REMARKS / REVISIONS	BY
		DESIGN	
	DATE: 5/97	DESIGNED BY: LSJ	
	DATE: 5/97	DRAWN BY: JAK	
	DATE: 5/97	CHECKED BY: MSH/DM	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE TERRACE WEST, UNIT 3**
114TH ST. AND SECRETARIAT ST.
UTILITY PLAN AND PROFILE

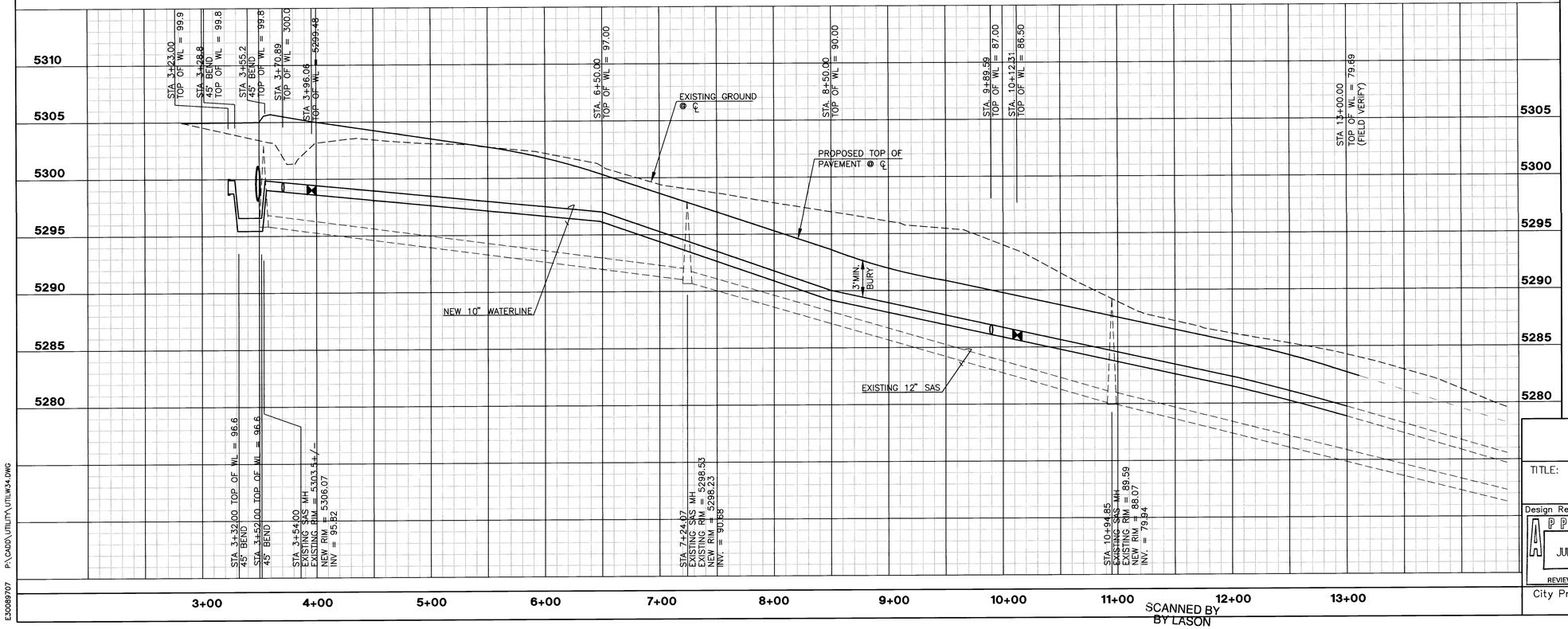
Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE				

City Project No. 549583 | Zone Map No. L-8 | Sheet 13 Of 15



EUCARIZ AVE.

HORIZ. 1" = 50'
VERT. 1" = 5'



SCANNED BY
BY LASON

GENERAL NOTES

1. ALL STATIONING REFERS TO STREET CENTERLINE.
2. ALL FITTINGS AND VALVES ON WATERLINES SHALL HAVE RESTRAINED JOINTS PER THE SCHEDULE ON DETAIL SHEET 5.
3. CONSTRUCT SAS SERVICES PER C.O.A. STD. DWG. #2125.
4. CONSTRUCT FIRE HYDRANTS PER C.O.A. STD. DWG. 2340.
5. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER C.O.A. STD. DWGS. #2360, #2361, #2362 & #2363. WATER SERVICES SHALL BE 3/4".
6. CONSTRUCT VALVE BOXES PER COA STD. DWG. #2326, TYPE "B".
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8. CONSTRUCT TYPE DOUBLE "C" INLET PER COA STD. DWGS. #2205.
9. CONSTRUCT TYPE "E" MANHOLES PER COA STD. DWG. 2102. TYPE "C" MANHOLES PER C.O.A. STD. DWG. 2101 MAY BE USED IN LIEU OF TYPE "E" MANHOLE.

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK INSPECTED BY COA
INSPECTOR'S ACCEPTANCE BY RAY BACA DATE 3/98
FIELD VERIFICATION BY COA DATE 3/98
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MICRO-FILM INFORMATION
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BENCH MARKS
ACS 18-L8, LOCATED ON TOP OF CONCRETE BASE OF STREET LIGHT STANCHEON EAST OF TANAGER DR. SW, 0.20 MI. + SOUTHWESTERLY OF CENTERLINE OF BLDG. # 736 TANAGER DR. SW, EPOXIED ON WEST SIDE OF SAID CONC.
BASE. ELEV. = 5253.59

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
HARRY S. HOLSTAD
NEW MEXICO
No. 7288
REGISTERED PROFESSIONAL ENGINEER
GREINER PROJECT NO. E30089727

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
	DATE: 5/97	DESIGNED BY: LSJ	
	DATE: 5/97	DRAWN BY: JAK	
	DATE: 5/97	CHECKED BY: MSH/DM	

RECORD DRAWINGS

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6/8/98

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

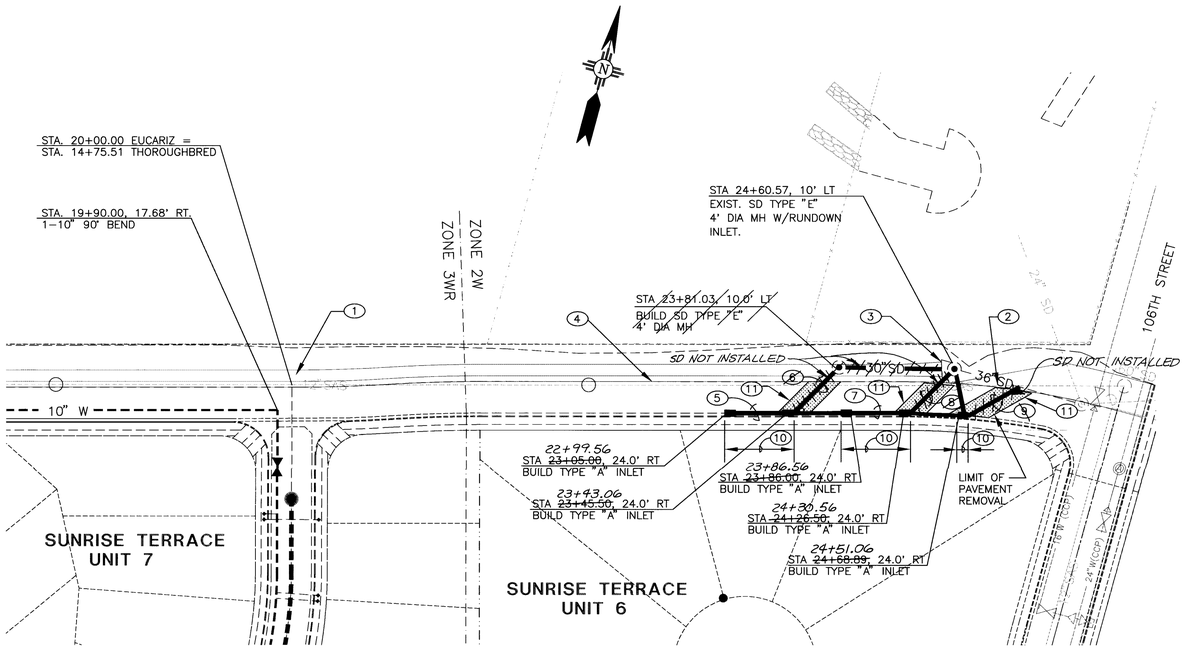
TITLE: **SUNRISE TERRACE WEST, UNIT 3**
EUCARIZ AVE.
UTILITY PLAN AND PROFILE

Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval
Last Design Update: Mo./Day/Yr.

Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 549583 | Zone Map No. L-8 | Sheet 14 Of 15

E30089727 P:\CADD\UTILITY\UTLW34.DWG



EUCARIZ

HORIZ. 1" = 50'
VERT. 1" = 5'

GENERAL NOTES

1. ALL STATIONING REFERS TO STREET CENTERLINE.
2. ALL FITTINGS AND VALVES ON WATERLINES SHALL HAVE RESTRAINED JOINTS PER THE SCHEDULE ON DETAIL SHEET 5.
3. CONCRETE BLOCKING PER C.O.A. STANDARD DRAWING 2320 SHALL BE PLACED AT ALL WATERLINE CAPS IN LIEU OF RESTRAINED JOINTS.
4. CONSTRUCT FIRE HYDRANTS PER C.O.A. STD. DWG. 2340.
5. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER C.O.A. STD. DWGS. #2360, #2361, #2362 & #2363. WATER SERVICES SHALL BE 3/4".
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8. CONSTRUCT TYPE "A" INLET PER COA STD. DWGS. #2201 & #2202.
9. CONSTRUCT TYPE DOUBLE "C" INLET PER COA STD. DWGS. #2205.
10. STORM DRAIN LATERALS SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED.

KEYED NOTES

(1) ROADSIDE DITCH TO BE BUILT AS SHOWN IN EUCARIZ STREET SECTION ON SHEET 4

(2) EXISTING 12" SAS TO BE SUPPORTED DURING CONSTRUCTION

(3) 30' TRANSITION BOTTOM OF DITCH FROM 8' WIDE TO 10' WIDE

(4) LOCATION OF EXISTING SAS SERVICES (IF ANY) IS NOT KNOWN

(5) 40.50 LF 18" RCP SD @ S = 0.0300 FT/FT

(6) 45.11 LF 24" RCP SD @ S = 0.0900 FT/FT

(7) 40.50 LF 18" RCP SD @ S = 0.0300 FT/FT

(8) 45.13 LF 24" RCP SD, CLASS IV @ S = 0.0900 FT/FT

(9) 41.07 LF 18" RCP SD, CLASS IV @ S = 0.1928 FT/FT

(10) REMOVE AND REPLACE STD. CURB AND GUTTER PER COA STD DWG 2415.

(11) REPLACE ARTERIAL PAVEMENT AS SHOWN ON SHEET 4 EUCARIZ AVE SECTION AA.

URS Greiner
5971 JEFFERSON BLVD. NE
SUITE 101
ALBUQUERQUE, NM 87109
(505) 345-3999

RECORD DRAWINGS

THESE DRAWINGS HAVE BEEN REVISED TO REFLECT AS CONSTRUCTED CONDITIONS IN ACCORDANCE WITH INFORMATION FURNISHED BY COA WHICH PERFORMED ON-SITE INSPECTION AND SURVEY DURING CONSTRUCTION.

6/5/98

SCANNED BY
BY LASON

AS BUILT INFORMATION
CONTRACTOR NEW CONCEPTS DATE 3/98
WORK STAKED BY COA
ACCEPTANCE BY EAY BACA DATE 3/98
FIELD LOCATION BY COA DATE 3/98
DRAWINGS CORRECTED BY LOES GREINER DATE 3/98
MICRO-FILM INFORMATION
RECORDED BY DATE

BENCH MARKS
ACS 7-L9, LOCATED 200' SOUTH OF TOWER ON WEST R.O.W. OF 98TH STREET.
ELEV. = 5125.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO
MARK S. HOLSTAD
No. 9698
REGISTERED PROFESSIONAL ENGINEER
6/5/98

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: SKJ DATE: 7/97
DRAWN BY: JAK DATE: 7/97
CHECKED BY: MSH/DM DATE: 7/97
GREINER PROJECT NO. E30089727

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **SUNRISE TERRACE WEST, UNIT 3**
EUCARIZ AVE. STORM DRAIN
PLAN AND PROFILE

Design Review Committee: APPROVED JUL 24 1997 DESIGN REVIEW COMMITTEE
City Engineer Approval

Last Design Update: Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 549583 | Zone Map No. L-8 | Sheet 15 Of 15

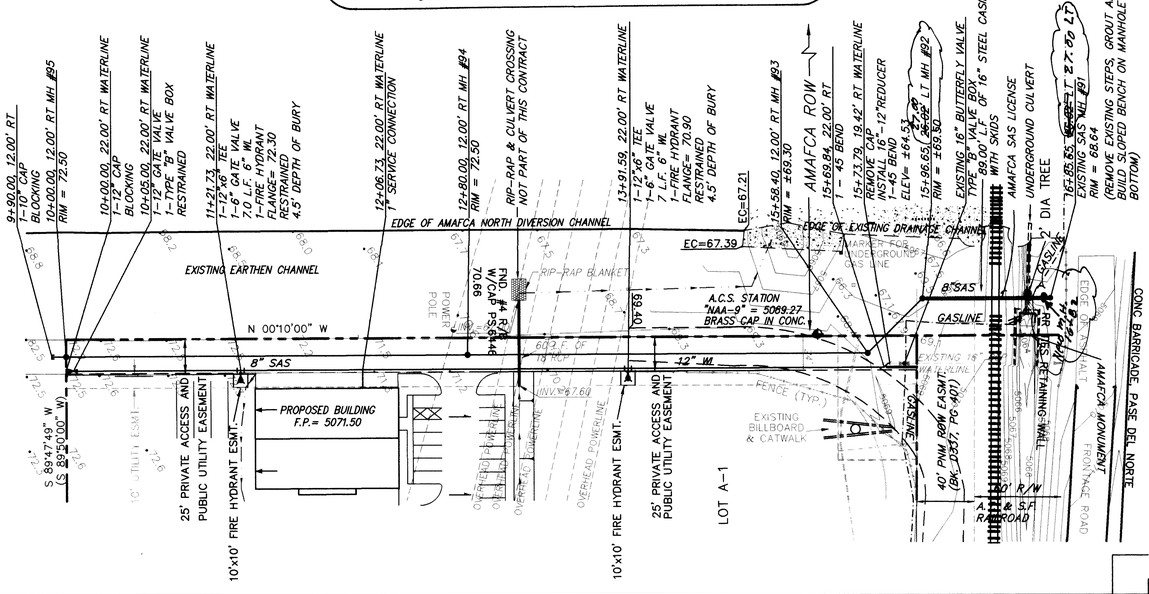
E30089707 P:\CADD\UTILITY\UTILW35.DWG

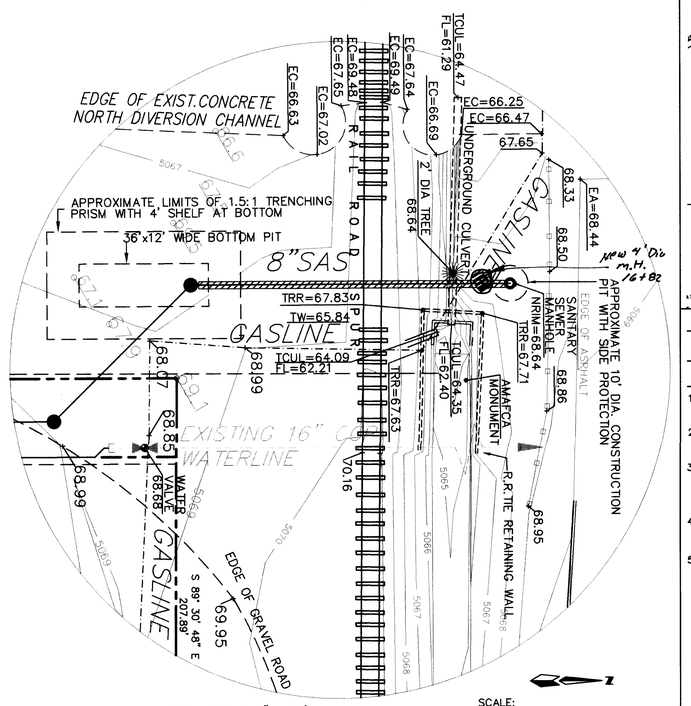
CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY.
IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

Seeding Specifications

The surface shall be soft enough to allow for crimping or tucking of mulch to a minimum depth of 2 inches. Areas of loose or sandy soil may not require additional preparation. Areas of compacted soil shall be worked by disc, chisel, or tilling to a minimum depth of 4 inches. The area to be seeded must be free of any clods, rock, wood, metal or other debris which could interfere with seeding operation. Seed shall be applied by broadcasting using a mechanical broadcast seeder approved by ENGINEER followed by light raking to cover seed. Seed quantities and type must be verified by Inspector prior to mixing by CONTRACTOR. Bags which are not sealed or to which suppliers tags are not affixed and removed by Inspector at the time seed is mixed will not be allowed. Seed mix and rate shall be based on the following list:

NAME	RATE/ACRE,PLS,(#seeds/lb.)
"Paloma" - Indian Rice Grass	2.0 lbs.(175,000)
"Viva" - Galleta Grass	2.5 lbs.(145,000)
"El Reno" - Sideoats	3.0 lbs.(191,000)
"Hachita" - Blue Grama	4.0 lbs.(825,000)
Sand Dropseed	.05 lbs.(1,742,000)
Fourwing Saltbrush	1.0 lbs.(dewinged)

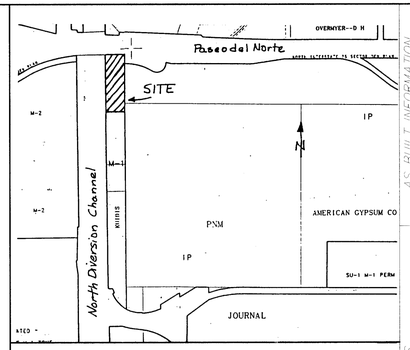




DETAIL SCALE 1" = 20'

SCALE:
HORIZ. 1" = 50'
VERT. 1" = 5'

UTILITY IMPROVEMENTS
STA. 10+00.00 TO STA. 16+78.34



VICINITY MAP ZONE ATLAS D-16-Z
SCALE: NONE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 6, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
3. PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
4. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
5. THE CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION CO-ORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION.
7. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES 24 HOURS CONSTRUCTION.
8. THE PNM GAS COMPANY REPRESENTATIVE, ~~MARVIN GARCIA~~ TIM ROMARO 768-0914 (~~768-0917~~ OR ~~241-7795~~) 843-1150 SHALL BE NOTIFIED AT LEAST TWO DAYS IN ADVANCE OF ANY EXCAVATION NEAR OR AROUND THE EXISTING GAS LINE. PNM GAS REPRESENTATIVE ~~SHALL~~ BE ONSITE PRIOR TO AND DURING ANY EXCAVATION NEAR GAS LINE.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☑ BACKFILL COMPACTION SHALL BE TO 95% IN ALL AREAS WITHIN THE AMAFCA ROW.
- ☑ CALL JOHN KELLY OR LARRY TRUJILLO OF AMAFCA AT 884-2215 AT LEAST 48 HOURS BEFORE THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY WITHIN THEIR ROW.
- ☑ THE PROJECT SURVEYOR SHALL RUN A LINE OF LEVELS OVER THE BORE, BEFORE AND AFTER, TO MONITOR ANY SETTLEMENT.
- ☑ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE AND ARE SUBJECT TO AMAFCA'S APPROVAL.
- ☑ THE CITY OR CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL EXISTING DRAINAGE FACILITIES, PAVEMENT, GUARD RAILS, RAILROAD FACILITIES ALTERED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY.

D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ALBUQUERQUE CAISSON SANITARY SEWER IMPROVEMENTS

SURVEY INFORMATION
NO. | DATE | FIELD NOTES | BY

BENCH MARKS
A.C.S. CONTROL STATION NAA-9, A STANDARD BRASS TABLET (A.M.A.F.C.A. RIGHT-OF-WAY MARKER) SET IN CONCRETE.
ELEV= 5069.27

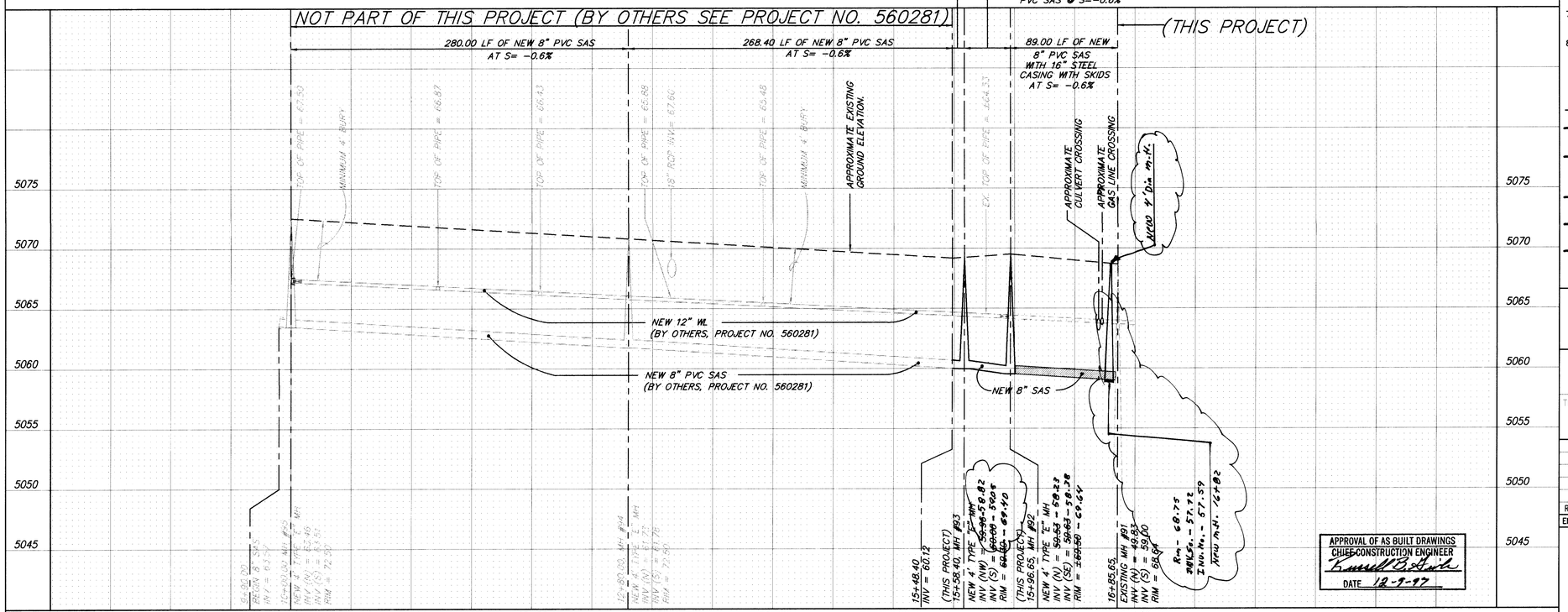
AS BUILT INFORMATION
CONTRACTOR Rust Petro DATE 12/97
WORK STARTED BY Bobby S. DATE 12/97
INSPECTOR'S ACCEPTANCE BY Bobby S. DATE 12/97
FIELD VERIFICATION BY Bobby S. DATE 12/97
DRAWINGS CORRECTED BY M/CPO-FILM INFORMATION DATE
REFORMED BY
NO.

ENGINEER'S SEAL
TIMOTHY W. KELLER
NEW MEXICO
12884
PROFESSIONAL ENGINEER
12-8-97

NO.	DATE	REMARKS REVISIONS	BY
		DESIGN	DLH
		DRAWN	MCG, WLV
		CHECKED	DMG

DESIGNED BY DLH DATE 11/96
DRAWN BY MCG, WLV DATE 11/96
CHECKED BY DMG DATE 11/96

NOT PART OF THIS PROJECT (BY OTHERS SEE PROJECT NO. 560281)



APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. Smith
DATE 12-9-97

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE

APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	Billy Soisby	7-28-97
TRANSPORTATION	N/A	7/28/97
WATER/WASTEWATER		7/28/97
HYDROLOGY		7/28/97
CIP		7/28/97
CONSTR. MNGMT.		7/28/97
AMAFCA		7/28/97

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE

CITY PROJECT NO. 560281
SHEET 1 OF 1

SCANNED BY BY LASON

6088CAIS\6088CIP\07-25-97 DLH

216-15602L.81 01197