SUNRISE TERRACE SUBDIVISION, UNIT V

ALBUQUERQUE, NEW MEXICO

IMPROVEMENTS FOR GRADING, PAVING, AND UTILITIES

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18.	HALTER DRIVE UTILITY (STA 7+00 – STA 15+48.76)
19.	VAQUERO/SANDPIPER UTILITY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 - 4 9 7 0 . 9 2 0 1 9 6

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. Hyde
DATE 6-26-96

GRADING AND DRAINAGE CERTIFICATION

I, Robert B. Ryals, a Registered Professional Engineer in the State of New Mexico, hereby certify, based on as-built information provided by Aldrich Land Surveying, that grading and drainage improvements, including retaining wall construction have been completed in substantial compliance with the approved plan for Sunrise Terrace Unit V.

NEW MEXICO 9436 REGISTERED PROFESSIONAL ENGINEER

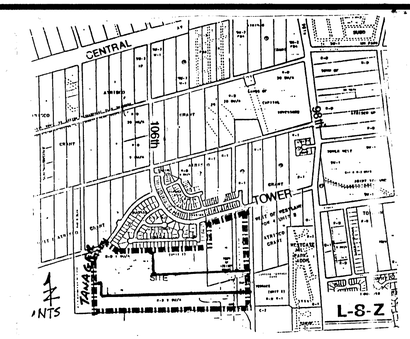
Robert B. Ryals, P.E. 5-10-96

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the Laws of the State of New Mexico, do hereby certify that the "as-built" information shown on these drawings was obtained from field construction and "as-built" surveys performed by me, or under my supervision, that the "as-built" information shown on these drawings was provided by me, or under my supervision and that this "as-built" information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying, Inc., is not responsible for any of the design concepts, calculations, engineering and/or intent of the record drawings.

NEW MEXICO 7719 REGISTERED PROFESSIONAL LAND SURVEYOR

Timothy Aldrich N.M.P.S. 7719 05.11.96 Date



VICINITY MAP

GENERAL NOTES

1. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Standard Specifications for Public Works Construction 1986 Edition as amended with Update No. 4.

2. Prior to construction, the Contractor shall excavate & verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with minimum delay.

3. Two (2) working days prior to any excavation, Contractor must contact Line Locating Service @ 260 – 1990 for location of existing utilities.

4. Warning – EXISTING UTILITY LINE LOCATIONS are shown in an approximate manner only, and such lines may exist where none are shown. The location of any such existing lines is based upon information provided by the utility company, the owner, or by others, and the information may be incomplete or may be obsolete by the time construction commences.

   The engineer has undertaken no field verification of the location, depth, size, or type of existing underground utility lines, makes no representation pertaining therefor. The contractor shall inform itself of the location of any utility line in or near the area of the work in advance of and during excavation work. The contractor is fully responsible for any and all damage caused by its failure to locate, identify, and preserve any and all existing utilities. The contractor shall comply with State statutes, municipal and local ordinances, rules and regulations pertaining to the location of these lines and facilities, in planning and conducting excavation, whether by calling or notifying the utilities, complying with "Blue Stakes" procedures, or otherwise.

5. TRAFFIC CONTROL: Three (3) 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 Coordination Division. Contractor shall notify Barricade Engineer (768-2551) prior to occupying an intersection. See section 19 of the specifications. All street striping altered or destroyed shall be replaced by contractor to location and in kind as existing at no additional cost to the owner.

6. The contractor shall promptly clean up any material excavated within the public right-of-way so that the excavated material is not susceptible to being washed down the street.

7. The contractor is responsible for protecting and maintaining all existing monumentation controls. In the event of inadvertent destruction or alteration the contractor must immediately notify the City Chief Surveyor.

8. Any work affecting an arterial roadway requires twenty-four hour ~~notification prior to~~ construction.

DWG:C:\SUN\SUNV\T-SHT5 DATE08/17/95 TIME:11:19 RYALS Engineering-HB

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

ENGINEER'S SEAL

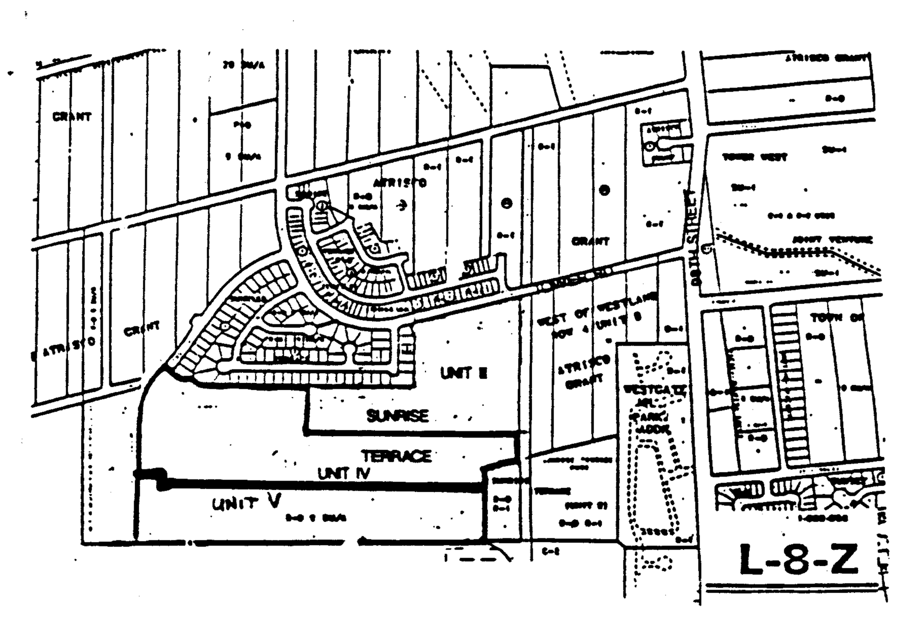
Robert Ryals 8-18-95

R Y A L S engineering & construction services
5301 Central, N.E.
Albuquerque, NM 87108
(505) 256-4701
239-4726 mobile telephone

APPROVED FOR CONSTRUCTION
Russell B. Hyde 11/23/95
CITY ENGINEER DATE

PROJECT NO. 4970.92

SHEET 1 OF 19



VICINITY MAP

PLAT FOR

SUNRISE TERRACE UNIT V SUBDIVISION

CITY OF ALBUQUERQUE
BERNALILLO COUNTY
NEW MEXICO

MAY, 1995

PURPOSE OF THE PLAT

1. Create lots, dedicate public right of way and grant public utility easements as shown hereon.

SUBDIVISION DATA

1. Case No.: DRB-93-419, V-94-21 S-94-21
2. Zone Atlas Index No.: L-8
3. Number of Lots Created: 128
4. Net Area: 23.6462 acres
5. Date of Survey: June 1, 1994
6. .93 miles of street created.
7. Talos Log

NOTES

1. Bearings are New Mexico State Plane Grid Bearings (Central Zone).
2. Distances are ground distances
3. Bearings and distances in parenthesis are record.

PUBLIC UTILITY EASEMENTS:

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

1. The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and undergroud electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical services.
2. The Gas Company of New Mexico for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
3. U.S. West for installaion, maintenance and services 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 pedestal and closures.
4. Jones Intercable for the installation, maintenance, and services of such lines, cable and other related facilities reasonably necessary to provide Cable TV Services.

Included the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate and maintain facilities for the purpose described above, together with free access to, from, and over said easements, Including sufficient working area spaces for electric transformers, with the right and privilage to trim and remove trees, shrubs or bushes which interfere with the purpose set forth herein. No building, sign, pool (aboveground 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 hereon. Property owners shall be solely responsible for correcting any violations of National Electric or Safety Code caused by construction or pools, decking or any structures adjecent to within or near easements shown on this plat.

DESCRIPTION

A certain parcel of land situate within projected section 29, T. 10 N., R. 2 E., N.M.P.M., comprising all of Tract 3A, of SUNRISE TERRACE, UNIT IV, as the same is shown and designated on the plat filed in the office of the County Clerk of Bernalillo County, New Mexico, on April , 1995, Vol. , Folio , and being further described by New Mexico State Plane Grid Bearings (Central Zone) and ground distances as follows;

BEGINNING at the Northeast corner of the parcel herein described, being a 1/2" rebar w/survey cap stamped LS 7439. Whence the City of Albuquerque Survey Brass Cap "7-L9" having New Mexico State Plane Coordinates (Central Zone) Y=1,478,346.71 and X=352,978.14 Bears N 52 55' 06" E, 1542.71 feet, also being the southeast corner of Lot 6-P1, Block (6) Six, of said SUNRISE TERRACE UNIT IV, and a point on the westerly right of way of HALTER DR.;

THENCE S 45 19' 40" W, 14.70 feet along the said westerly right of way of HALTER DR. to a point of curvature;

THENCE 80.01 feet along the arc of a curve to the left having a radius 143.71 feet, a central angle of 31 54' 04", and a chord bearing S 29 22' 38" W, 78.99 feet to a point;

THENCE S 74 59' 37" W, 11.14 feet to a point on the westerly right of way of 102nd Street S.W.;

THENCE S 00 19' 40" W, 446 feet along said westerly right of way of 102nd Street S.W., to the southeast corner of said TRACT 3A, and the southeast corner of the parcel herein described;

THENCE N 89 22' 26" W, 1906.38 feet along the southerly boundary of said TRACT 3A to a point;

THENCE S 00 17' 55" W, 20.00 feet to a point;

THENCE N 89 22' 26" W, 60.00 feet, to the southwest corner of the parcel herein described, being a found 5/8" rebar w/cap, also being the southwest corner of said TRACT 3A;

THENCE leaving said southerly boundary and continuing N00 17' 55"E, 519.53 feet along the westerly boundary of the parcel herein described to the northwest corner, also being the northwest corner of said TRACT 3A, a point on the westerly right of way of TANAGER DR.;

THENCE leaving said westerly right of way of TANAGER DR. and continuing along the northerly boundary of the parcel herein described S 89 42' 05" E, 155.00 feet to a point;

THENCE N 00 17' 55" E, 18.31 feet to a point, said point being the southwest corner of Lot 30-P1, Block 2, of said SUNRISE TERRACE UNIT IV;

THENCE S 89 41' 57" E, 1871.11 feet to the point and place of beginning and containing 23.6462 acres more or less.

APPROVED AND ACCEPTED BY

Subdivision Case No. ______________________

Planning Director, City of Albuquerque, N.M. Date

City Engineering Division, City of Albuquerque, N.M. Date

Albuquerque Metropolitan Arroyo Flood Control Authority Date

[signature] 5-02-95
Traffic Division, City of Albuquerque, N.M. Date

Robert W. Kane 5-2-95
Water Utilities Department, City of Albuquerque, N.M. Date

[signature] 5-2-95
Parks and ~~Recreation~~ General Services Department, City of Albuquerque, N.M. Date

[signature] 042595
City Surveyor, City of Albuquerque, N.M. Date

Property Management, City of Albuquerque N.M. Date

County Treasurer, Bernalillo County, N.M. Date

Gas Company of New Mexico Date

U.S. West Telecommunications Date

Public Service Company of New Mexico Date

Jones Intercable, Inc. Date

OWNERS FREE CONSENT AND DEDICATION

The subdivision shown hereon is with the free consent and in accordance with the desires of the undersigned owner(s) and/or proprietor(s) thereof and said owner(s) and/or proprietor(s) do hereby dedicate all streets and public rights-of-way 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 distribution lines, conduits, and pipes for underground services for buried 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 (see notes). 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.

[signature] April 25, 1995
American Southwest Homes, LTD Company Date

By: L.L. Bell, New Mexico Registered Agent

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)
On this 25 day of April, ~~1993~~ 1995, the foregoing instrument was acknowledged before me. My commission expires 9-16-97

Loretta M. Parenti
Notary Public

OFFICIAL SEAL
LORETTA M. PARENTI
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed With Secretary of State
My Commission Expires 9-16-97

SURVEYOR'S CERTIFICATION

"I, Perfilio B. Lucero, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat and description were prepared by me or under my supervision, shows all easements as shown on the plat of record or made known to me by the owners and/or proprietors of the subdivision shown hereon, utility companies and other parties expressing an interest and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico (Effective November 1,1989) and is true and correct to the best of my knowledge and belief."

[signature] 4/24/95
PERFILIO B. LUCERO N.M.R.P.L.S. No. 7439 Date

R Y A L S engineering & construction services
4929 Idlewilde S.E. Albuquerque, NM 87108
(505) 265-8267 269-1142 mobile telephone

SHEET NO. 1 OF 2

KEYED NOTES:

1. CREATED, DEDICATED OR GRANTED BY PLAT OF SUNRISE TERRACE UNIT IV, RECORDED ON APRIL , 1995 IN VOL. , FOLIO .
2. R.O.W. DEDICATED AND EASEMENTS GRANTED BY SUNRISE TERRACE UNIT II, PHASE A, RECORDED ON APRIL 5, 1983, VOL. C21 FOLIO 25.
3. CREATED, DEDICATED OR GRANTED BY PLAT OF SUNRISE TERRACE UNIT III, RECORDED ON AUGUST 5, 1994 IN VOL. 94C, FOLIO 260.

GENERAL NOTES:

1. ALL SIDE LOTS ARE PERPENDICULAR OR RADIAL TO STREET RIGHT-OF-WAY UNLESS OTHERWISE NOTED.
2. 10' UTILITY EASEMENTS ALONG THE FRONTAGE OF ALL LOTS ARE GRANTED BY THIS PLAT UNLESS OTHERWISE NOTED.
3. CENTERLINE (IN LIEU OF R.O.W.) MONUMENTATION TO BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S ANGLE POINTS AND STREET INTERSECTIONS PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS AND WILL CONSIST OF A FOUR-INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "SURVEY MARKER", "DO NOT DISTURB", "L.S.#7439".
4. SEE SHEET 4 OF 4 FOR LINE AND CURVE TABLES.

LEGEND

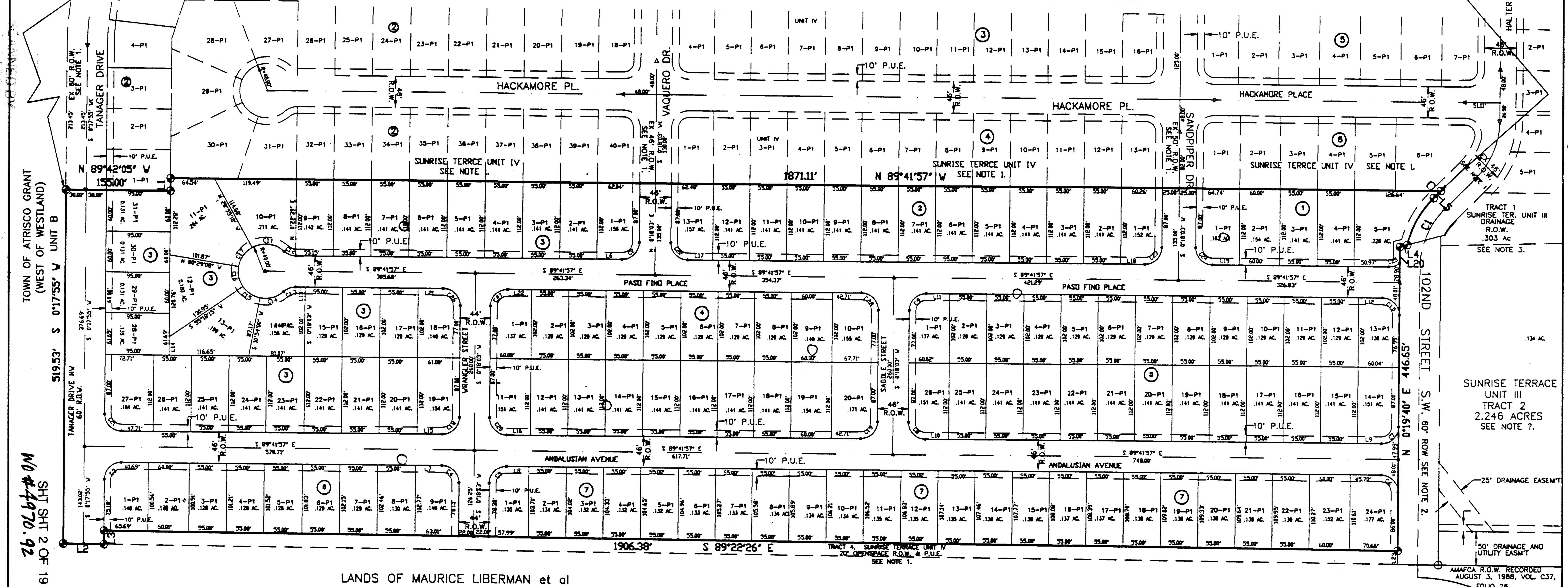
EXISTING EASEMENTS	— — — —
EXISTING R.O.W.	——— — — ———
C.O.A. CENTERLINE MONUMENTS	▲
EXISTING C.O.A. C.L. MONUMENTS	△
FOUND REBAR W/CAP	◕
FOUND AMAFCA BRASS CAP	◒
SET REBAR W/CAP LS 7439	●

PLAT FOR
SUNRISE TERRACE UNIT V

SCALE-1"=100'
0 25 50 100

LINE	BEARING	DISTANCE
L1	S 0°17'55" W	18.31
L2	S 89°22'26" E	60.00
L3	N 0°17'55" E	20.00
L4	N 74°59'37" E	11.14
L5	N 45°19'40" E	14.70
L6	N 89°41'57" W	37.04
L7	N 89°41'57" W	38.01
L8	N 89°41'57" W	32.99
L9	S 89°41'57" E	35.00
L10	S 89°41'57" E	35.02
L11	N 89°41'57" W	35.02
L12	N 89°41'57" W	35.00
L13	N 89°41'57" W	13.85
L14	S 0°17'55" W	26.96
L15	S 89°41'57" E	36.00
L16	S 89°41'57" E	35.00
L17	S 89°41'57" E	37.48
L18	S 89°41'57" E	35.26
L19	S 89°41'57" E	39.74
L20	N 0°19'40" E	23.74
L21	N 89°41'57" W	36.00
L22	N 89°41'57" W	35.00
L23	S 0°19'40" W	20.00

CURVE	ARC	DELTA	RADIUS	DEGREE OF CURVE	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	80.01	31°54'04"	143.71	39°52'08"	78.99	N 29°22'38" E	41.07
C2	39.27	90°00'00"	25.00	229°10'59"	35.36	S 45°18'03" W	25.00
C3	39.27	90°00'08"	25.00	229°10'59"	35.36	S 45°17'59" W	25.00
C4	39.27	90°00'00"	25.00	229°10'59"	35.36	N 44°41'57" W	25.00
C5	39.27	90°00'00"	25.00	229°10'59"	35.36	S 45°18'03" W	25.00
C6	39.28	90°01'37"	25.00	229°10'59"	35.36	N 44°41'09" W	25.01
C7	39.26	89°58'23"	25.00	229°10'59"	35.35	N 45°18'51" E	24.99
C8	39.27	90°00'00"	25.00	229°10'59"	35.36	S 44°41'57" E	25.00
C9	39.27	90°00'00"	25.00	229°10'59"	35.36	S 45°18'03" W	25.00
C10	39.28	90°01'37"	25.00	229°10'59"	35.36	N 44°41'09" W	25.01
C11	50.00	71°37'11"	40.00	143°14'22"	46.81	S 83°06'34" E	28.86
C12	18.50	42°23'58"	25.00	229°10'59"	18.08	S 68°29'58" E	9.70
C13	18.50	42°23'58"	25.00	229°10'59"	18.08	S 69°06'04" W	9.70
C14	37.00	52°59'55"	40.00	143°14'22"	35.69	S 74°24'02" W	19.94
C15	31.00	44°24'15"	40.00	143°14'22"	30.23	N 56°53'53" W	16.33
C16	30.86	44°12'37"	40.00	143°14'22"	30.10	N 12°35'27" W	16.25
C17	36.00	51°33'58"	40.00	143°14'22"	34.80	N 35°17'51" E	19.32
C18	39.27	90°00'00"	25.00	229°10'59"	35.36	N 45°18'03" E	25.00
C19	39.27	90°00'00"	25.00	229°10'59"	35.36	N 45°18'03" E	25.00
C20	39.27	90°00'00"	25.00	229°10'59"	35.36	S 44°41'57" E	25.00
C21	39.27	89°59'52"	25.00	229°10'59"	35.35	S 44°42'01" E	25.00
C22	39.27	90°00'00"	25.00	229°10'59"	35.36	S 44°41'57" E	25.00
C23	39.27	90°00'00"	25.00	229°10'59"	35.36	N 45°18'03" E	25.00
C24	39.27	90°00'00"	25.00	229°10'59"	35.36	S 44°41'57" E	25.00
C25	17.53	40°11'09"	25.00	229°10'59"	17.18	N 70°12'29" E	9.15
C26	39.27	90°00'00"	25.00	229°10'59"	35.36	N 44°41'57" W	25.00
C27	39.27	90°00'00"	25.00	229°10'59"	35.36	S 45°18'03" W	25.00
C28	39.27	90°00'00"	25.00	229°10'59"	35.36	N 44°41'57" W	25.00



LANDS OF MAURICE LIBERMAN et al
UNPLATTED LAND

LANDS OF MAURICE LIBERMAN et al
UNPLATTED LAND

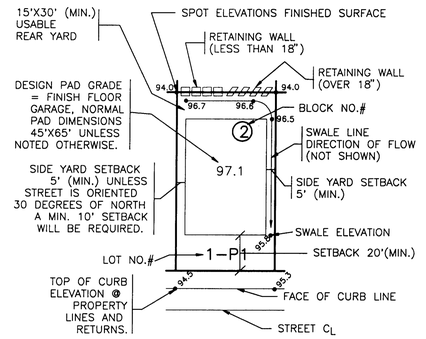
26-41970.93 0296

WO#49970.92 SHT 2 OF 19

R Y A L S engineering & construction services
5301 Central Ave. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

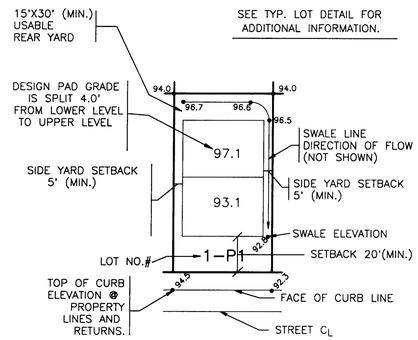
SHEET NO. 2 OF 2

DWG:C:\SUN\SUNV\PLTV2 DATE:04/23/95 TIME:17:02 RYALS Engineering-HB



TYPICAL LOT DETAIL

NTS



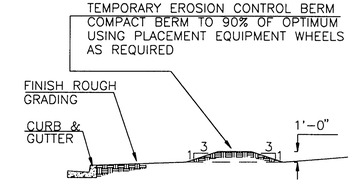
SPLIT LOT DETAIL

NTS

GENERAL NOTES

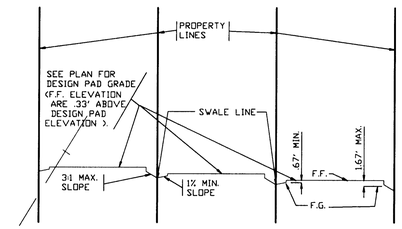
1. THE CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS TO COMPLY WITH EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT SUPPLIED BY THE OWNER.
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE CONSTRUCTION SITE. EROSION CONTROL MEASURES ARE INTENDED TO CONTROL MINOR FLOWS AND PROHIBIT THE RELEASE OF SEDIMENT INTO ADJACENT STREETS AND PROPERTY. TEMPORARY EROSION CONTROL BERMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL ON THIS GRADING PLAN AT LOCATIONS SHOWN.
5. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TEMPORARY BERMS THROUGHOUT THE CONSTRUCTION PHASE. THE OWNER WILL MAINTAIN BERMS AFTER COMPLETION AND ACCEPTANCE OF CONSTRUCTION.
6. TEMPORARY EROSION CONTROL BERMS LOCATED ON INDIVIDUAL LOTS SHALL REMAIN IN PLACE UNTIL THE CONSTRUCTION OF EACH RESPECTIVE BUILDING IS COMPLETED ON A LOT BY LOT BASIS.
7. THE TOLERANCES FOR ROUGH GRADING SHALL CONFORM TO THE FOLLOWING:

   PAD SUBGRADE: ± 0.1'
   STREET SUBGRADE: ± 0.1'
   ALL OTHER AREAS: ± 0.3'
8. THERE ARE EXISTING WALLS LOCATED ADJACENT TO THIS PROJECT. ANY WALLS DAMAGED OR REMOVED BY THE CONTRACTOR DURING THE CONSTRUCTION ACTIVITIES SHALL BE REINSTALLED OR REPLACED BY THE CONTRACTOR TO AN EQUAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE OWNER.
9. EARTH WORK OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATIONS CONTAINED IN THE SOIL AND FOUNDATION INVESTIGATION REPORT PREPARED BY FOX CONSULTING ENGINEERS AND GEOLOGISTS DATED OCTOBER 14TH, 1980.
10. FOR ALL RETAINING WALLS GREATER THAN 18", A BUILDING PERMIT MUST BE OBTAINED FROM THE CITY OF ALBUQUERQUE CODE ADMINISTRATION DIVISION.



EROSION CONTROL BERM

TYPICAL SECTION THROUGH BERM N.T.S.



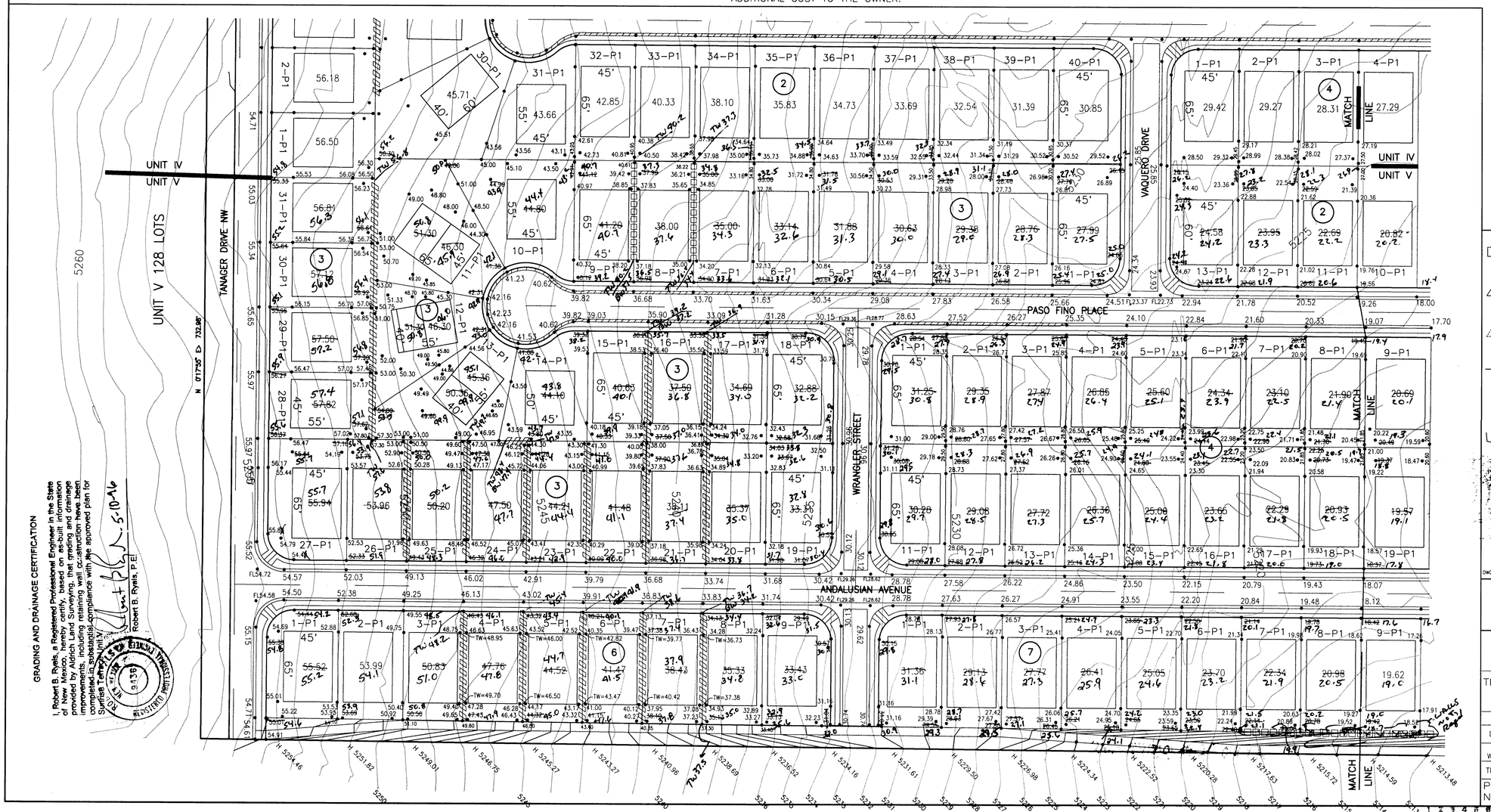
TYPICAL LOT SECTION

1" = 30.0'

EROSION CONTROL BERMS ARE TO BE INSTALLED ON ALL LOTS ADJACENT TO THE PROPOSED STREETS OF THIS PROJECT, AND FOR THE 1ST 25' BACK FROM THE CURB ON EVERY FIFTH LOT

NOTES:

1. FLOW FROM REAR YARD OF SPLIT PADS MUST BE MAINTAINED TO FRONT YARD. EITHER A RETAINING WALL WITH WEEP HOLES OR A MAXIMUM SLOPE OF 3:1 SHALL BE PROVIDED AT SIDE YARD GRADE BREAK TO ACCOMPLISH THIS.
2. MAXIMUM COMBINED HEIGHT OF GARDEN WALL PLUS RETAINING WALL MUST NOT EXCEED 8 FEET UNLESS A VARIANCE IS APPROVED THROUGH THE C.O.A. ZONING HEARING EXAMINER.



GRADING AND DRAINAGE CERTIFICATION

I, Robert B. Ryals, a Registered Professional Engineer in the State of New Mexico, hereby certify that based on as-built information provided by Fox Land Surveying, that grading and drainage improvements, including retaining wall construction have been completed in substantial compliance with the approved plan for Sunrise Terrace Unit V.

Robert B. Ryals, P.E.

5-10-96

N.E. MEXICO REGISTERED PROFESSIONAL ENGINEER ROBERT B. RYALS 9138

AS BUILT INFROMATION

CONTRACTOR	HYDRO SYSTEMS		
WORK STAKED BY	ALS	DATE	9/6
INSPECTION ACCEPTANCE BY	RBR	DATE	5-22-96
FIELD VERIFICATION BY	ALS	DATE	9/6
DRAWINGS CORRECTED BY	ALS	DATE	5/96
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

BENCH MARKS

ACS "3-L9" A 40 PENNY NAIL IN POWER POLE #61 LOCATED ON THE WEST SIDE OF 98TH STREET AND 450' SOUTH OF RYNO CT.
ELEV. = 5184.872

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

8-18-95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: RBR DATE: 6/8/94
DRAWN BY: PBD, HFB DATE: 6/8/94
CHECKED BY: DATE:

SCALE-1"=50'

0 25 50

LEGEND

- A RETAINING WALL RETAINING 18" OR LESS.
- A RETAINING WALL RETAINING 18" OR MORE.
- EXISTING RETAINING WALL 18" OR MORE
- STORM DRAIN WITH MANHOLE
- STORM DRAIN INLET
- EXISTING CONTOURS
- PROPOSED GRADE
- H 5219.46 EXISTING GROUND

APPROVED FOR ROUGH GRADING (±1 FT.)

CITY HYDROLOGY DATE

DWG:C:\SUN\SUNV\GR3V DATE08/17/95 TIME:11:20 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

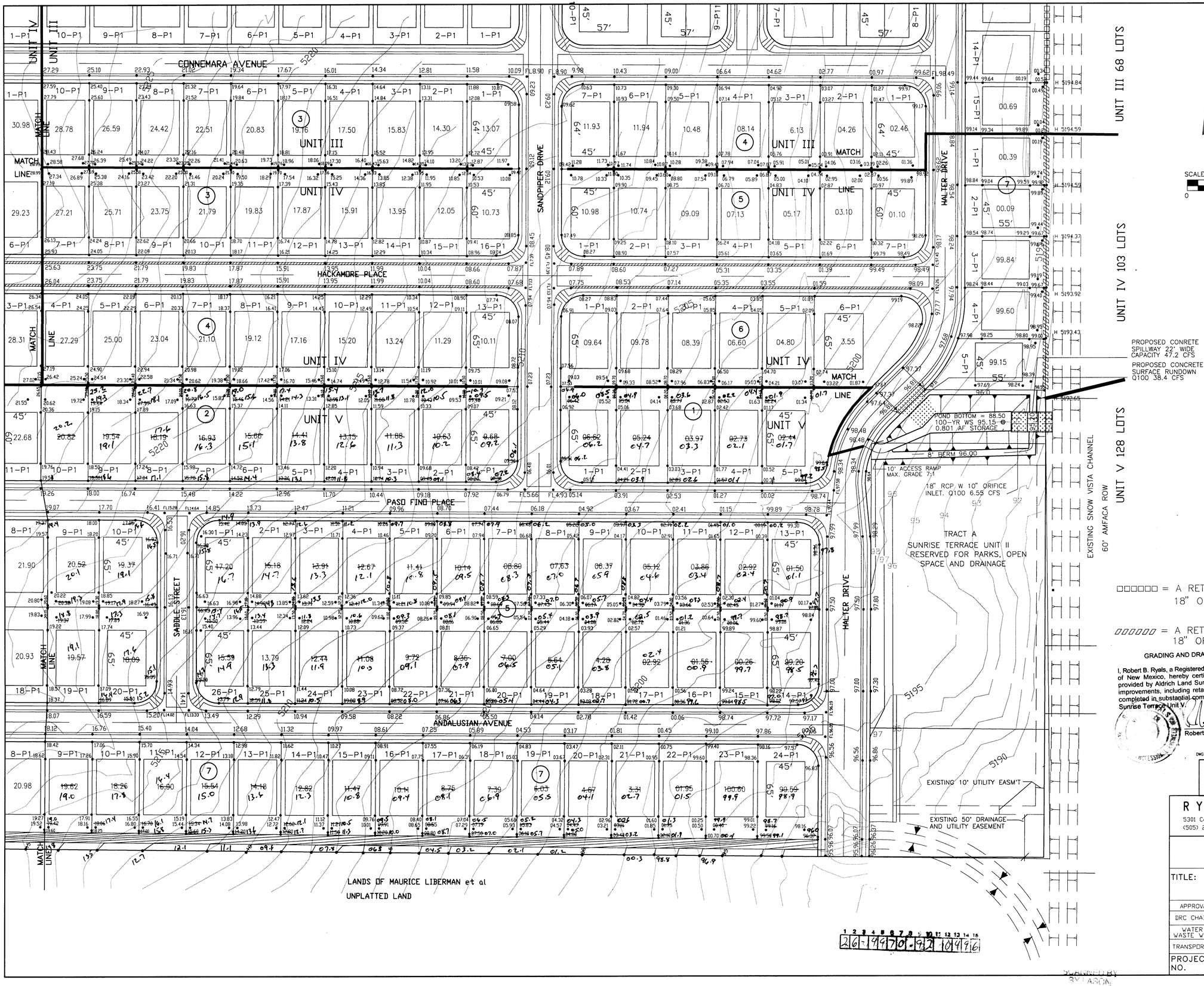
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
MASTER GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	B.B. Lindley	9-28-95	HYDROLOGY	S Calongne	9-13-95
WATER WASTE WATER	MA RWE	9-11-95	INSPECTION		
TRANSPORTATION	NA				

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	3	19

26-4970.92 0396



□□□□□□ = A RETAINING WALL RETAINING 18" OR LESS.

▱▱▱▱▱▱ = A RETAINING WALL RETAINING 18" OR MORE.

GRADING AND DRAINAGE CERTIFICATION

I, Robert B. Ryals, a Registered Professional Engineer in the State of New Mexico, hereby certify, based on as-built information provided by Aldrich Land Surveying, that grading and drainage improvements, including retaining wall construction have been completed in substantial compliance with the approved plan for Sunrise Terrace Unit V.

5-10-96

Robert B. Ryals, P.E.

DWG:C:\SUN\SUN4\CR4V DATE08/17/95 TIME:11:21 RYALS Engineering-HS

APPROVED FOR ROUGH GRADING
(1 FT.)

CITY HYDROLOGY DATE

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS BUILT INFORMATION

CONTRACTOR HYDRO SYSTEMS

WORK STAKED BY	ALS	DATE	96
INSPECTOR'S ACCEPTANCE BY	[illegible]	DATE	5-22-96
FIELD TOPO. VERIFICATION BY	ALS	DATE	96
DRAWINGS CORRECTED BY	ALS	DATE	5/96

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

ACS "3-L9" A 40 PENNY NAIL IN POWER POLE #61 LOCATED ON THE WEST SIDE OF 98TH STREET AND 450' SOUTH OF RYNO CT.

ELEV. = 5184.872

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

Robert B. Ryals 8-18-95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: DATE:
DRAWN BY: DATE:
CHECKED BY: DATE:

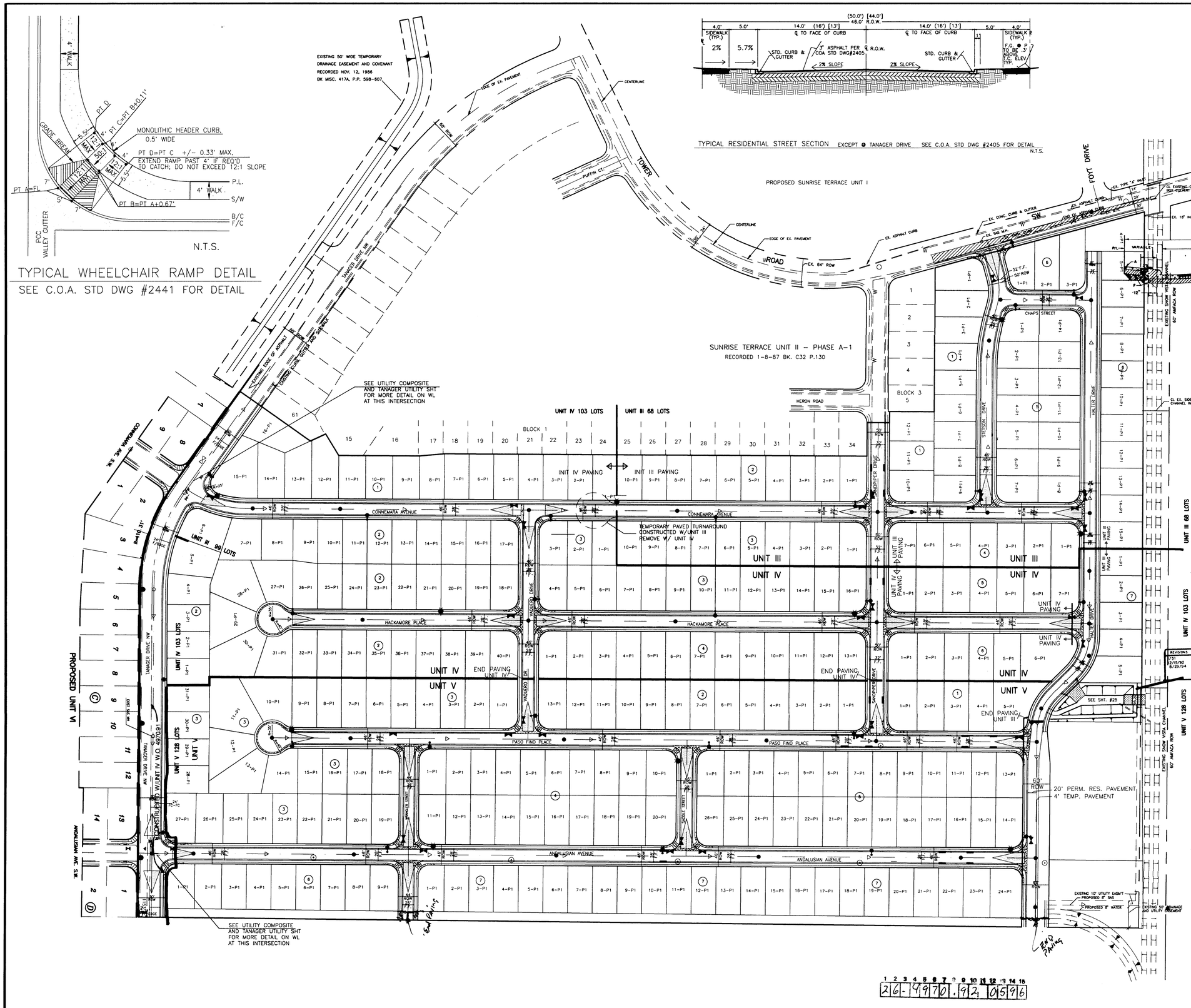
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
MASTER GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	B.J. Brockley	9-28-95	HYDROLOGY	S Calongne	9-13-95
WATER WASTE WATER	N/A RWK	9-11-95	INSPECTION		
TRANSPORTATION	N/A RWO	9-08-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	4	19

2|6-|199|70|-|92|10|19|6|



AS BUILT INFORMATION

CONTRACTOR	HYDRO SYSTEMS		
WORK STAKED BY	ALS	DATE	96
INSPECTOR'S ACCEPTANCE BY	BJ	DATE	5-21-96
FIELD VERIFICATION BY	AL'S	DATE	96
DRAWINGS CORRECTED BY	AL'S	DATE	5/96

MICRO-FILM INFORMATION

RECORDED BY DATE

MO.

BENCH MARKS

CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9", LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET. ELEV. = 5175.70

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: RBR DATE: 11-94

DRAWN BY: PBD, HFB DATE: 11-94

CHECKED BY: DATE:

RYALS engineering & construction services
5301 CENTRAL N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

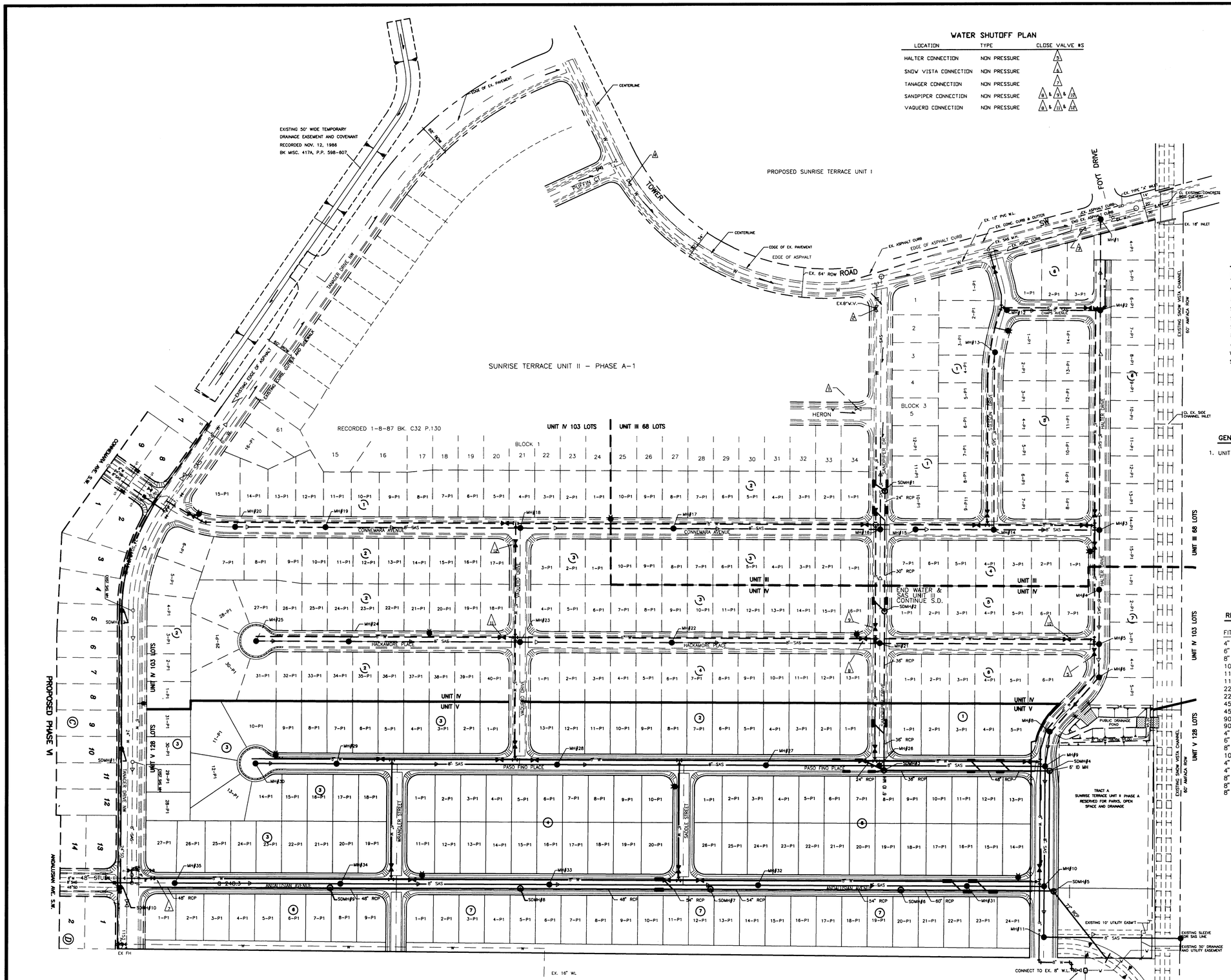
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
COMPOSITE PAVING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		9-28-95	HYDROLOGY	N/A	9-13-95
WATER WASTE WATER	N/A	9-11-95	INSPECTION		
TRANSPORTATION		9-06-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	5	19

SCANNED BY LASER



WATER SHUTOFF PLAN

LOCATION	TYPE	CLOSE VALVE #S
HALTER CONNECTION	NON PRESSURE	5
SNOW VISTA CONNECTION	NON PRESSURE	6
TANAGER CONNECTION	NON PRESSURE	7
SANDPIPER CONNECTION	NON PRESSURE	8 & 9 & 13
VAQUERO CONNECTION	NON PRESSURE	8 & 11 & 12

LEGEND

DESCRIPTION	PROPOSED	EXISTING
WATER VALVE		
FIRE HYDRANT		
STREET LIGHT		
STORM DRAIN MANHOLE		
STORM DRAIN INLET		
MANHOLE		
CURB & GUTTER		
WATER LINE	— W —	— W —
SEWER LINE	— SAS —	— SAS —

GENERAL NOTES

1. UNIT V CONSTRUCTION ON HALTER TO INCLUDE WATER AND PAVING.

RESTRAINED JOINT SCHEDULE

FITTING	RESTRAINED LENGTH (ft)
4" GATE VALVE	39'
6" GATE VALVE	55'
8" GATE VALVE	72'
10" GATE VALVE	86'
11 1/4° BEND (6")	2'
11 1/4° BEND (8")	3'
22 1/2° BEND (6")	5'
22 1/2° BEND (8")	6'
45° BEND (6")	10'
45° BEND (8")	13'
90° BEND (6")	25'
90° BEND (8")	32'
4" CAP	39'
6" CAP	55'
8" CAP	72'
10" CAP	86'
4" X 6" TEE	RESTRAIN @ FITTING ONLY (BRANCH OR MAIN)
4" X 8" TEE	34' (4" SIDE)
8" X 8" TEE	RESTRAIN @ FITTING ONLY (BRANCH OR MAIN)
8" X 6" TEE	16' (6" SIDE)
8" X 6" REDUCER	25' (8" SIDE) OR 33' (6" SIDE)

2C1-19970.92 0696

AS BUILT INFROMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY ALS DATE 96
INSPECTED BY RGL DATE 5-28-96
ACCEPTANCE BY AL S DATE 96
FIELD VERIFICATION BY AL S DATE 5/96
DRAWINGS CORRECTED BY MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9" . LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET. ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: RBR DATE: 6/8/94
DRAWN BY: PBD, HFB DATE: 6/8/94
CHECKED BY: DATE:

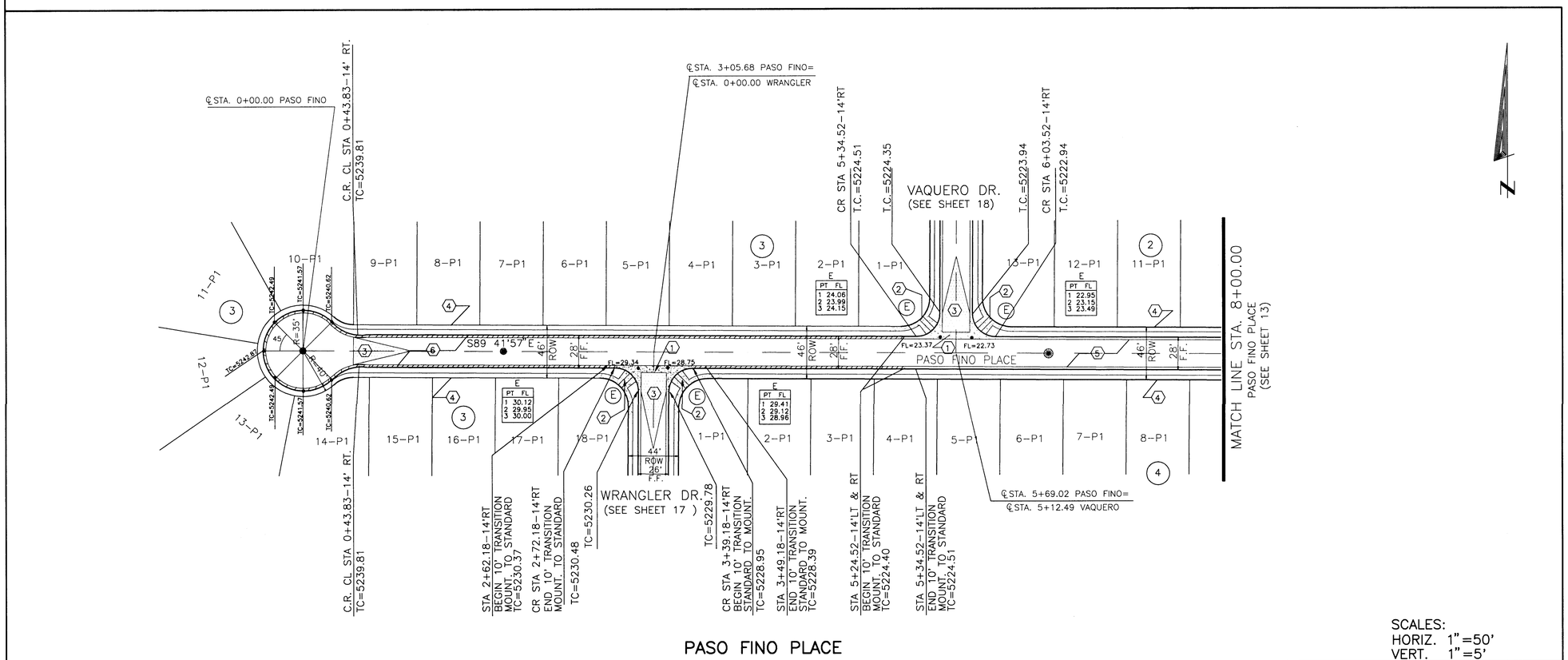
RYALS engineering & construction services
5201 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 269-1142 mobile telephone

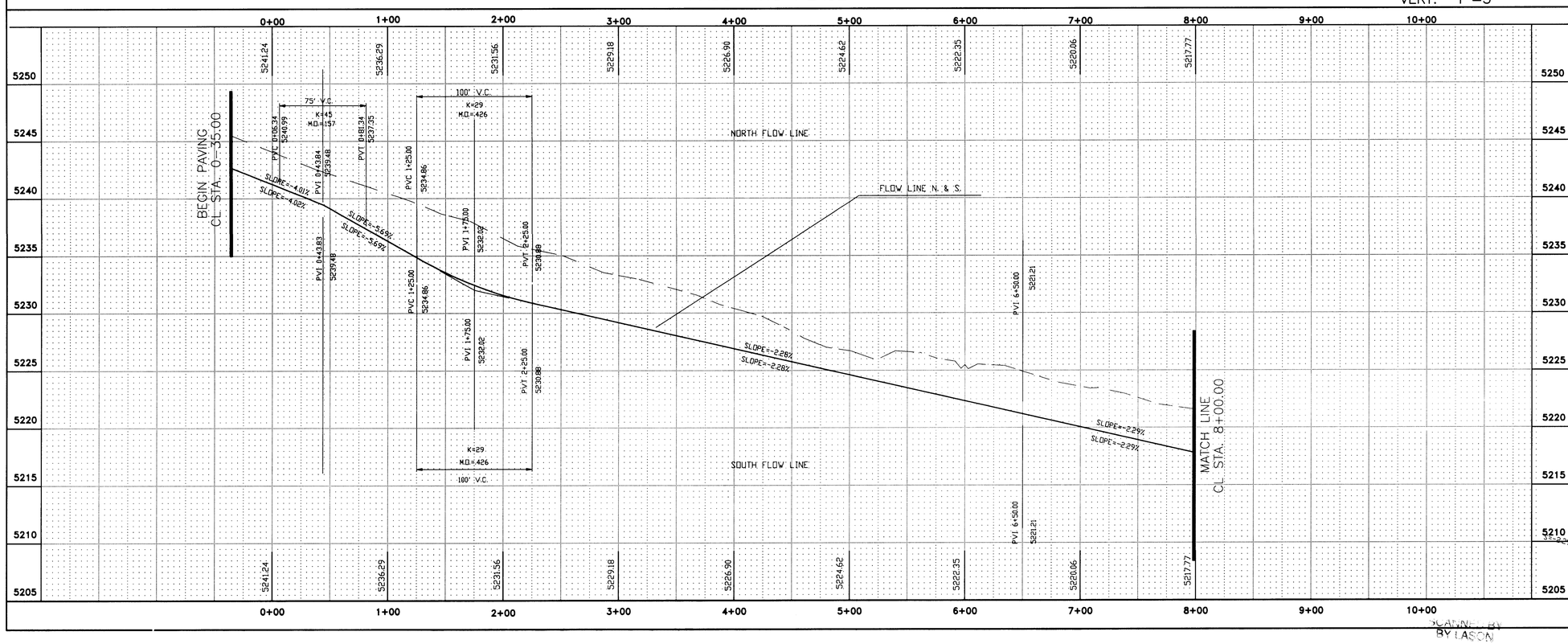
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
COMPOSITE UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	J.A. Goldby	9-28-95	HYDROLOGY	S Calmyre	9-13-95
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION	N/A	9-08-95			

PROJECT NO. 4970.92 | MAP NO. L-8 | SHEET 6 OF 19





CURB CURVE DATA

NO.	RADIUS	ARC	DELTA
E	20.50	32.20	90 00'00"

CONSTRUCTION NOTES

1. CONC. VALLEY GUTTER PER C.O.A. DWG. 2420. (UNLESS OTHERWISE SHOWN.)
2. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD DWG #2441. (TYPE II)
3. 50' TRANSITION PER C.O.A. DWG. 2401.
4. 4' WIDE CONC. S.W. BY OTHERS
5. CONSTRUCT STANDARD CURB & GUTTER PER C.O.A. DWG #2415.
6. CONSTRUCT MOUNTABLE CURB & GUTTER PER C.O.A. DWG #2415.

LEGEND

- NEW CURB AND GUTTER
- EXISTING CURB AND GUTTER
- REMOVE EXISTING TEMPORARY ASPHALT
- TRANSITION OF ASPHALT
- VALLEY GUTTER
- WHEELCHAIR RAMP

26-4979.92 07-96

DWG:C:\SUN\SUNV\WPASOP DATE08/17/95 TIME:11:24 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS BUILT INFROMATION

CONTRACTOR	HYDRO SYSTEMS	
WORK STAKED BY	ALS	DATE 9-96
INSPECTOR'S ACCEPTANCE BY	Bigon	DATE 5-22-96
FIELD VERIFICATION BY	ALS	DATE 9-96
DRAWINGS CORRECTED BY	ALS	DATE 5-96

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9", LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET. ELEV. = 5175.70

ENGINEER'S SEAL

Robert Ryals 8-18-95

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY: RBR DATE:
DRAWN BY: PBD, HFB DATE:
CHECKED BY: DATE:

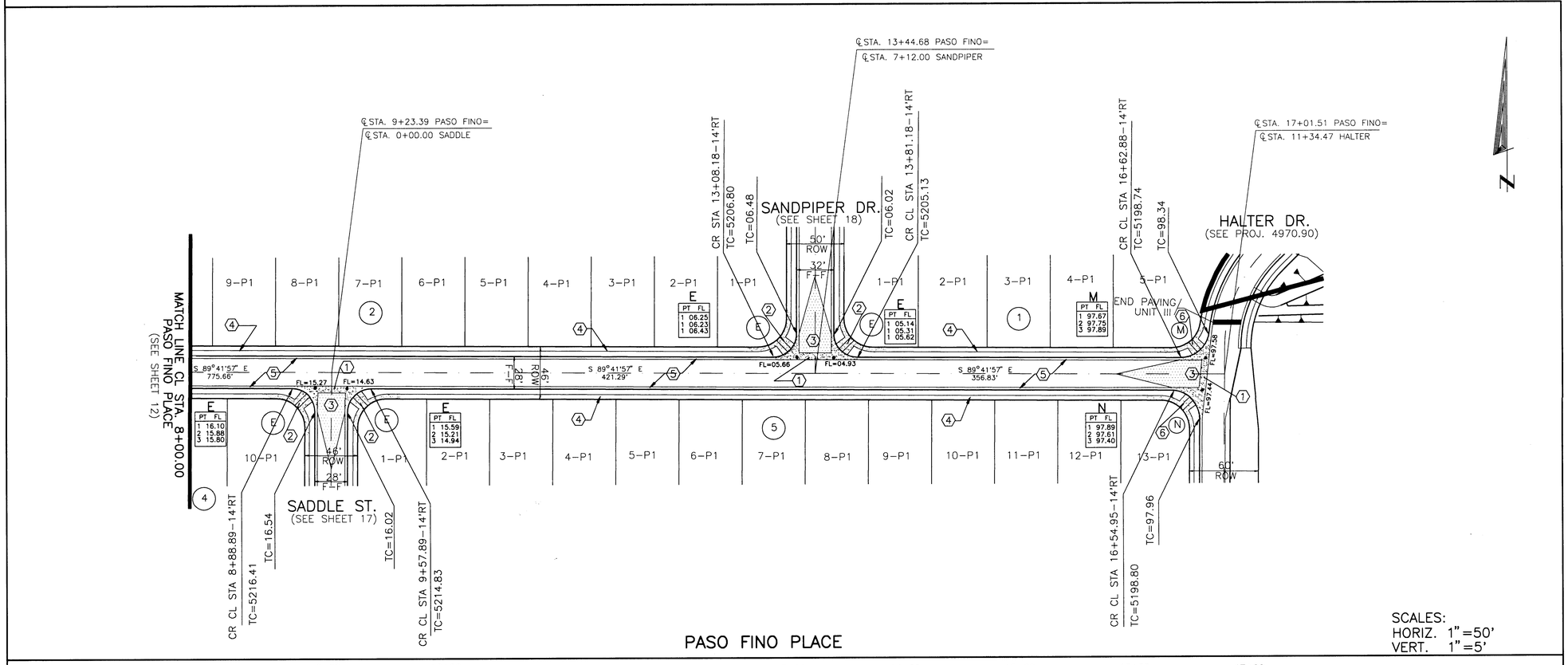
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

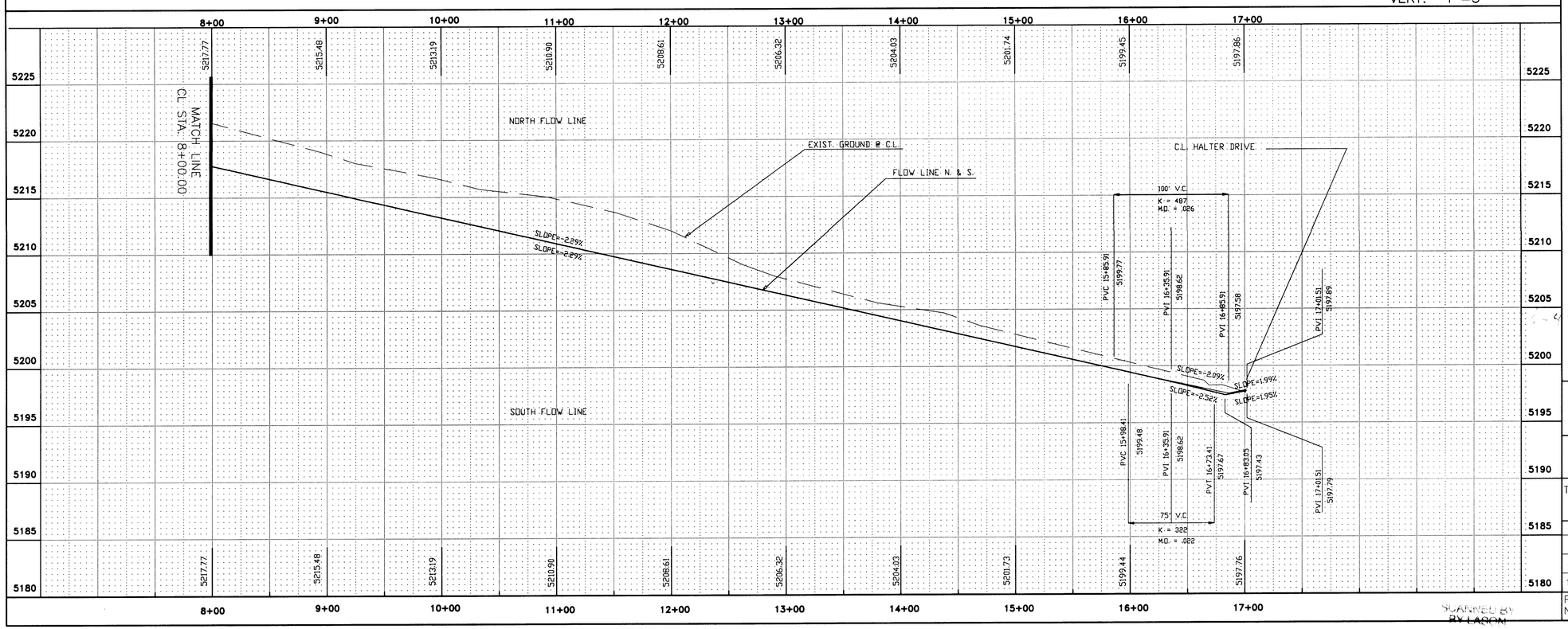
TITLE: SUNRISE TERRACE UNIT V
PAVING PLAN AND PROFILE
PASO FINO PLACE
STA. 0+00.00 – 8+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	R.A. Sandy	9-28-95	HYDROLOGY	N/A Sec.	9-13-95
WATER WASTE WATER	N/A RWR	9-11-95	INSPECTION		
TRANSPORTATION	K. Rae	9-08-95			

PROJECT NO.	MAP NO.	SHEET	OF
4979.92	L-8	7	19

PLOTTED BY BY LASON





CURB CURVE DATA

NO.	RADIUS	ARC	DELTA
E	20.50	32.20	90 00'00"
M	25.50	37.42	84 04'06"
N	25.50	40.07	90 01'37"

CONSTRUCTION NOTES

1. CONC. VALLEY GUTTER PER C.O.A. DWG. 2420. (UNLESS OTHERWISE SHOWN.)
2. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD DWG #2441. (TYPE II).
3. 50' TRANSITION PER C.O.A. DWG. 2401.
4. 4' WIDE CONC. S.W. BY OTHERS
5. CONSTRUCT STANDARD CURB & GUTTER PER C.O.A. DWG #2415.
6. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD DWG #2441. (TYPE I).

LEGEND

- NEW CURB AND GUTTER
- EXISTING CURB AND GUTTER
- REMOVE EXISTING TEMPORARY ASPHALT
- TRANSITION OF ASPHALT
- VALLEY GUTTER
- WHEELCHAIR RAMP

26-4970.92 0896

DWG:C:\SUN\SUNV\EPASOP DATE08/17/95 TIME:11:25 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
PAVING PLAN AND PROFILE
PASO FINO PLACE
STA. 8+00.00 – 17+01.51

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		9-28-95	HYDROLOGY	N/A	9-13-95
WATER WASTE WATER	N/A	9-11-95	INSPECTION		
TRANSPORTATION		9-08-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	8	19

AS BUILT INFROMATION
CONTRACTOR HYDRO SYSTEMS DATE 9-96
WORK STARTED BY ALS DATE 9-96
WORK FINISHED BY ALS DATE 5-10-96
FIELD ACCEPTANCE BY ALS DATE 9-96
FIELD VERIFICATION BY ALS DATE 9-96
DRAWINGS CORRECTED BY ALS DATE 5-96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9". LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET.
ELEV. = 5175.70

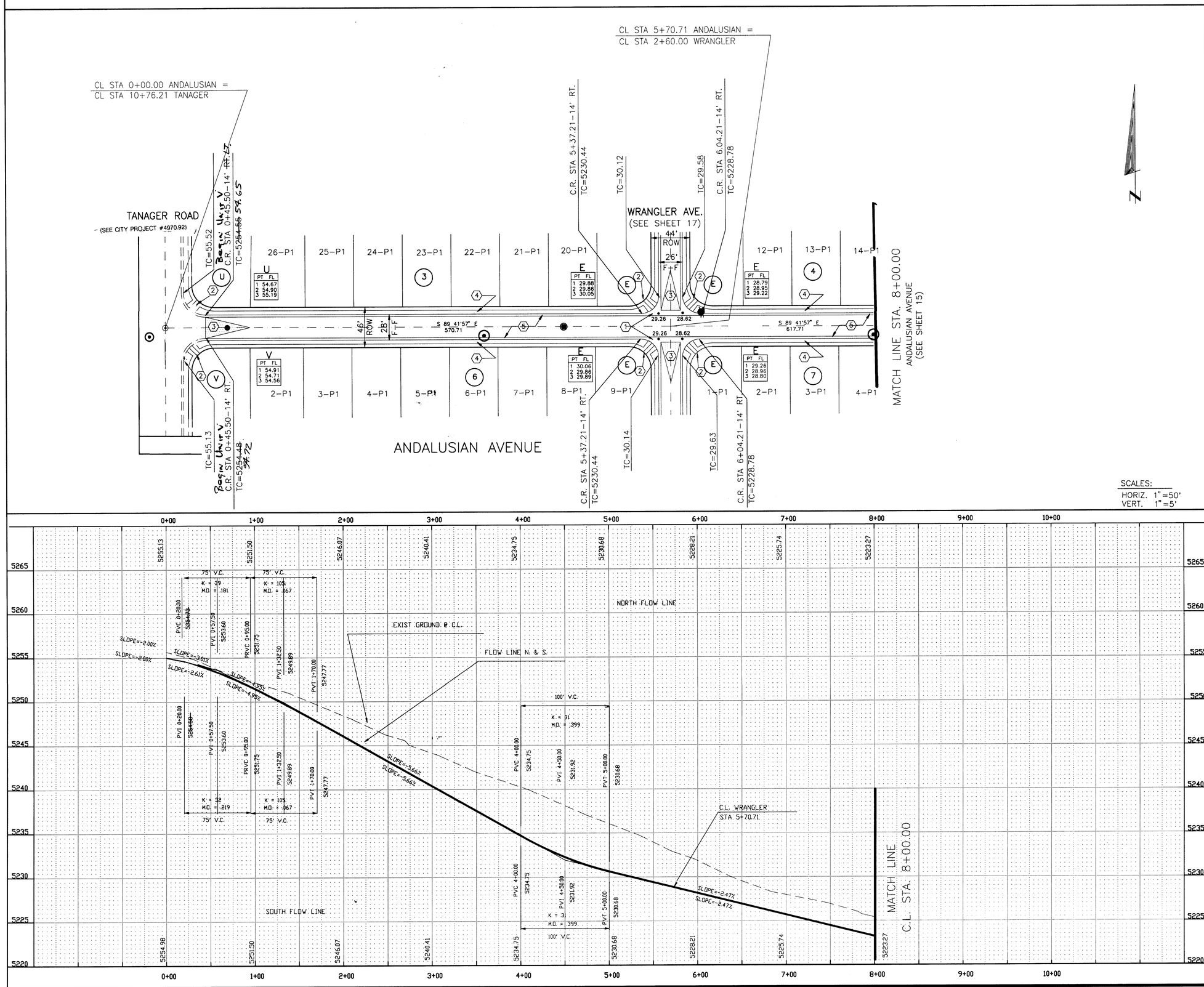
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
8-18-95

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY: RBR DATE:
DRAWN BY: PBD, HFB DATE:
CHECKED BY: DATE:

SCANNED BY
BY LARSON



CURB CURVE DATA

NO.	RADIUS	ARC	DELTA
E	20.50	32.20	90 00'00"
U	25.00	39.27	89 59'52"
V	25.00	39.27	90 00'08"

CONSTRUCTION NOTES:

1. CONC. VALLEY GUTTER PER C.O.A. DWG. 2420. (UNLESS OTHERWISE SHOWN.)
2. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD DWG #2441. (TYPE II)
3. 50' TRANSITION PER C.O.A. DWG. 2401.
4. 4' WIDE CONC. S.W. BY OTHERS
5. CONSTRUCT STANDARD CURB & GUTTER PER C.O.A. DWG #2415.

LEGEND

DESCRIPTION	PROPOSED
NEW CURB AND GUTTER	
EXISTING CURB AND GUTTER	
REMOVE EXISTING TEMPORARY ASPHALT	
TRANSITION OF ASPHALT	
VALLEY GUTTER	
WHEELCHAIR RAMP	

26-4970.92 9996

DWG:C:\SUN\SUNV\WANDALP DATE08/17/95 TIME:11:26 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS-BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY ALS 96
INSPECTOR'S ACCEPTANCE BY ALS 5-22-96
FIELD VERIFICATION BY ALS 96
DRAWINGS CORRECTED BY ALS 5/96
MICRO-FILM INFORMATION
RECORDED BY
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9" LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET
ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
Oct 8-95

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: RBR, THG DATE: 10-94
DRAWN BY: PD, THG, HFB DATE: 10-94
CHECKED BY: DATE:

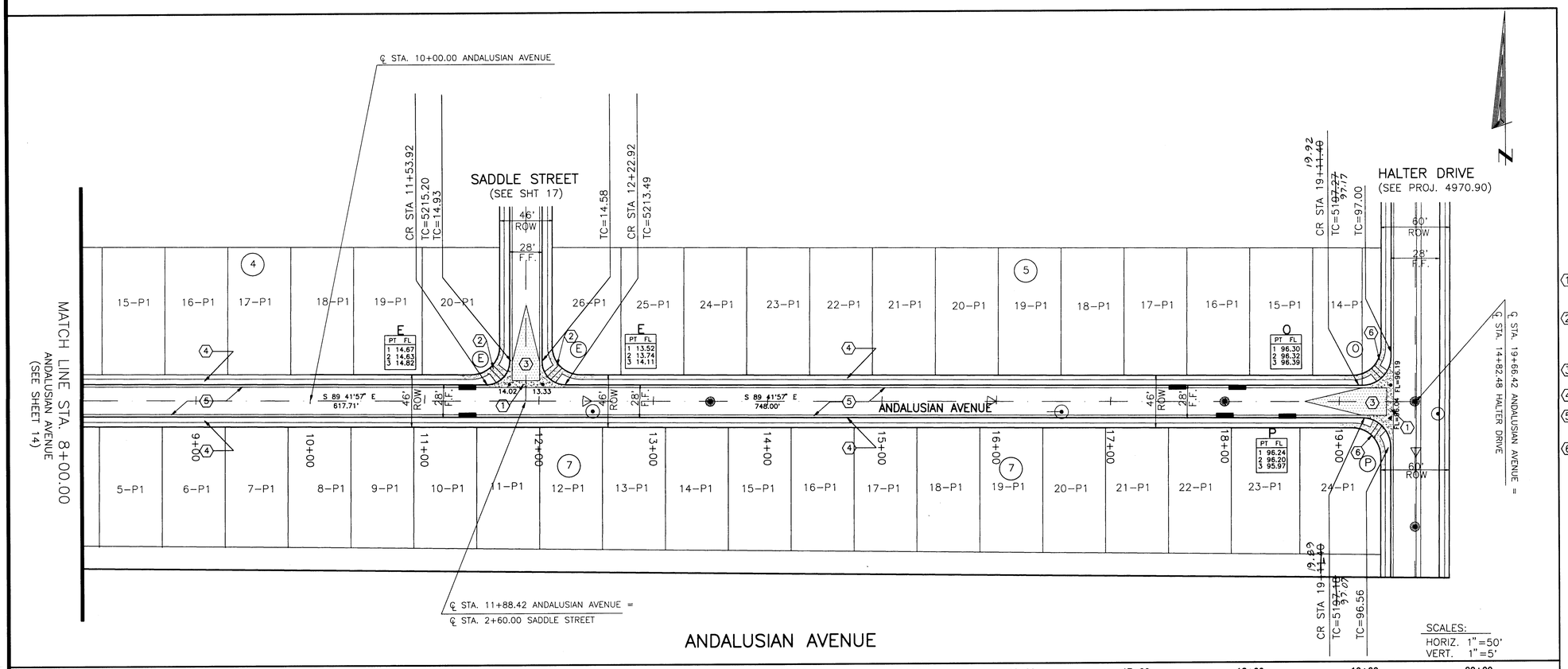
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
PAVING PLAN AND PROFILE
ANDALUSIAN AVENUE
(STA. 0+00.00 – STA. 8+00.00)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		9-28-95	HYDROLOGY	N/A	9-13-95
WATER WASTE WATER	N/A RWR	9-11-95	INSPECTION		
TRANSPORTATION		9-08-95			

PROJECT NO. 4970.92 | MAP NO. L-8 | SHEET 9 OF 19

SCANNED BY ASON



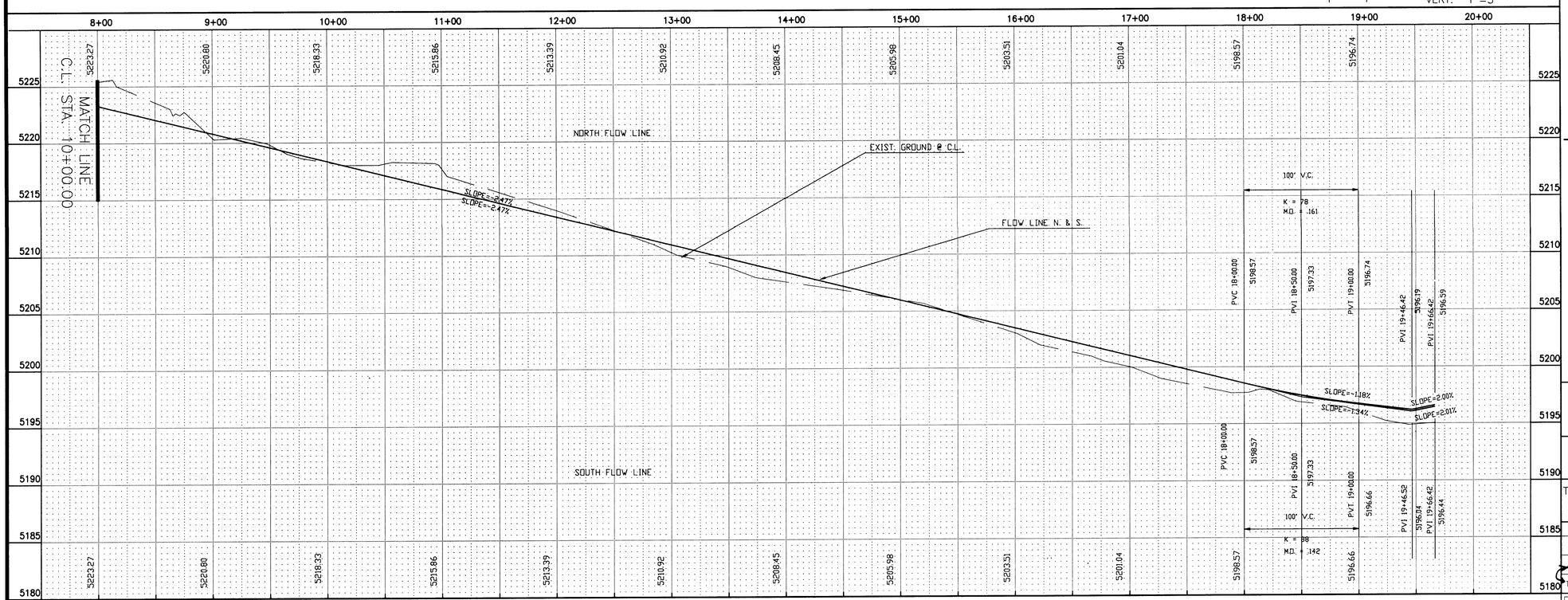
CONSTRUCTION NOTES

1. CONC. VALLEY GUTTER PER C.O.A. DWG. 2420. (UNLESS OTHERWISE SHOWN.)
2. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. DWGS. 2441 (TYPE II).
3. 50' TRANSITION PER C.O.A. DWG. 2401.
4. 4' WIDE CONC. S.W. BY OTHERS
5. CONSTRUCT STANDARD CURB & GUTTER PER C.O.A. DWG #2415.
6. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. DWGS. 2441 (TYPE I)

CURB CURVE DATA

NO.	RADIUS	ARC	DELTA
E	20.50	32.20	90 00'00"
O	25.50	40.04	89 58'23"
P	25.50	40.06	90 00'08"

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



LEGEND

NEW CURB AND GUTTER
EXISTING CURB AND GUTTER
REMOVE EXISTING TEMPORARY ASPHALT
TRANSITION OF ASPHALT
GUTTER
SIDEWALK AND WHEEL-CHAIR RAMP PAVING

2 3 4 5 6 7 8 9 10 11 12 13 14 15
2C1-19971.01.19.21 1.10.97.6

DWG:C:\SUN\SUNV\EANDALP DATE08/17/95 TIME:11:28 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 293-4726 mobile telephone

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
PAVING PLAN AND PROFILE
ANDALUSIAN AVENUE
(STA. 8+00.00 – STA. 19+66.42)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	B.G. Bobby	9-28-95	HYDROLOGY	N/A Sme	9-13-95
WATER WASTE WATER	B. Dand	9-08-95	INSPECTION		
TRANSPORTATION	N/A RWK	9-11-95			

PROJECT NO. 4970.92 | MAP NO. L-8 | SHEET 10 OF 19

AS BUILT INFROMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY ALS 96
WORK INSPECTED BY ALS 5-28-96
ACCEPTANCE BY ALS 96
FIELD VERIFICATION BY ALS 5/96
DRAWINGS CORRECTED BY
MICRO-FILM INFORMATION
RECORDED BY
NO. DATE

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT
"7-L9". LOCATED 200' SOUTH OF
TOWER ON WEST ROW OF 98TH STREET
ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

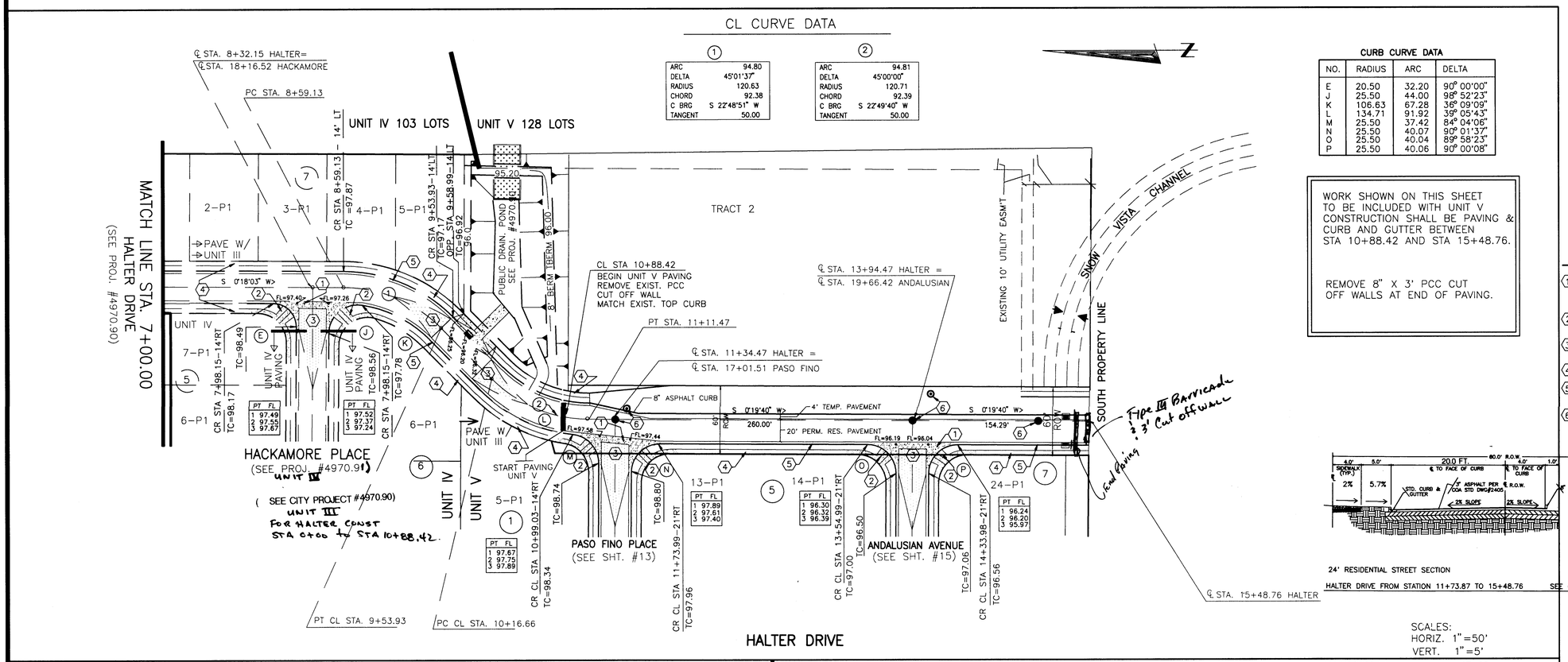
ENGINEER'S SEAL

REMARKS
REVISIONS
NO. DATE BY
DESIGN
DESIGNED BY: RBR DATE: 6-8-94
DRAWN BY: PD, HFB DATE: 6-8-94
CHECKED BY: DATE:

CL CURVE DATA

①	
ARC	94.80
DELTA	45°01'37"
RADIUS	120.63
CHORD	92.38
C BRG	S 22°48'51" W
TANGENT	50.00

②	
ARC	94.81
DELTA	45°00'00"
RADIUS	120.71
CHORD	92.39
C BRG	S 22°49'40" W
TANGENT	50.00



CURB CURVE DATA

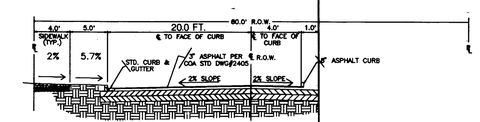
NO.	RADIUS	ARC	DELTA
E	20.50	32.20	90° 00'00"
J	25.50	44.00	98° 52'23"
K	106.63	67.28	36° 09'09"
L	134.71	91.92	39° 05'43"
M	25.50	37.42	84° 04'06"
N	25.50	40.07	90° 01'37"
O	25.50	40.04	89° 58'23"
P	25.50	40.06	90° 00'08"

WORK SHOWN ON THIS SHEET TO BE INCLUDED WITH UNIT V CONSTRUCTION SHALL BE PAVING & CURB AND GUTTER BETWEEN STA 10+88.42 AND STA 15+48.76.

REMOVE 8" X 3' PCC CUT OFF WALLS AT END OF PAVING.

CONSTRUCTION NOTES

1. CONC. VALLEY GUTTER PER C.O.A. DWG. 2420. (UNLESS OTHERWISE SHOWN.)
2. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD DWG #2441. (TYPE I).
3. 50' TRANSITION PER C.O.A. DWG. 2401.
4. 4' WIDE CONC. S.W. BY OTHERS
5. CONSTRUCT STANDARD CURB & GUTTER PER C.O.A. DWG #2415.
6. ADJUST EXIST. MANHOLES TO MATCH PAVEMENT GRADE.

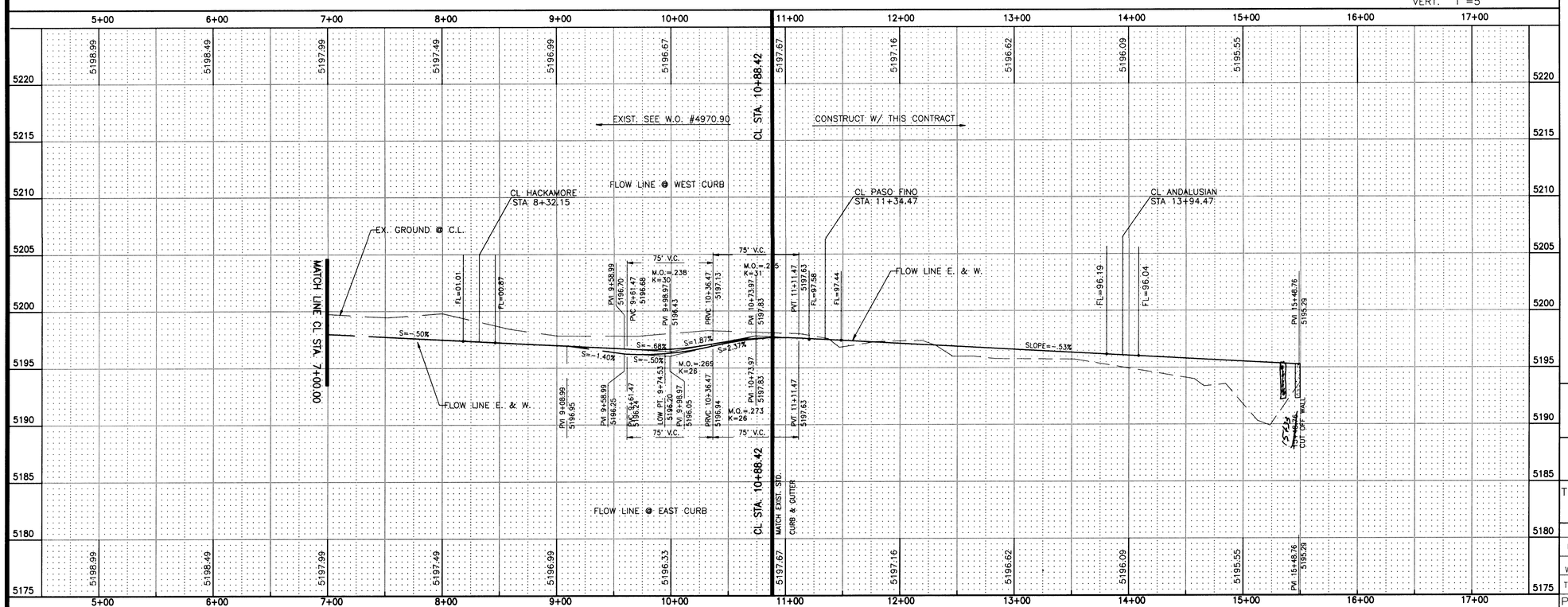


24' RESIDENTIAL STREET SECTION

HALTER DRIVE FROM STATION 11+73.87 TO 15+48.76 SEE C.O.A. STD DWG #2405 FOR DETAIL

N.T.S.

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



LEGEND

- NEW CURB AND GUTTER
- EXISTING CURB AND GUTTER
- REMOVE EXISTING TEMPORARY ASPHALT
- TRANSITION OF ASPHALT
- VALLEY GUTTER
- SIDEWALK AND WHEEL-CHAIR RAMP PAVING
- STORM DRAIN INLET

26-4970.92 11196

DWG:C:\SUN\SUNVS\SHALTP DATE08/17/95 TIME:11:28 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87106
(505) 256-4701 239-4726 mobile telephone

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
PAVING PLAN AND PROFILE
HALTER DRIVE
(STA. 7+00.00 – STA. 15+48.76)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		9-28-95	HYDROLOGY	N/A	9-13-95
WATER WASTE WATER	N/A	9-11-95	INSPECTION		
TRANSPORTATION		9-08-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	11	19

AS BUILT INFROMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY AL S. DATE 9/96
WORK INSPECTED BY B.C.J. DATE 5-22-96
ACCEPTANCE BY AL S. DATE 9/96
FIELD VERIFICATION BY AL S. DATE 5/96
DRAWINGS CORRECTED BY MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT
"7-L9". LOCATED 200' SOUTH OF TOWER RD.
ON WEST ROW OF 98TH STREET
ELEV. = 5175.70

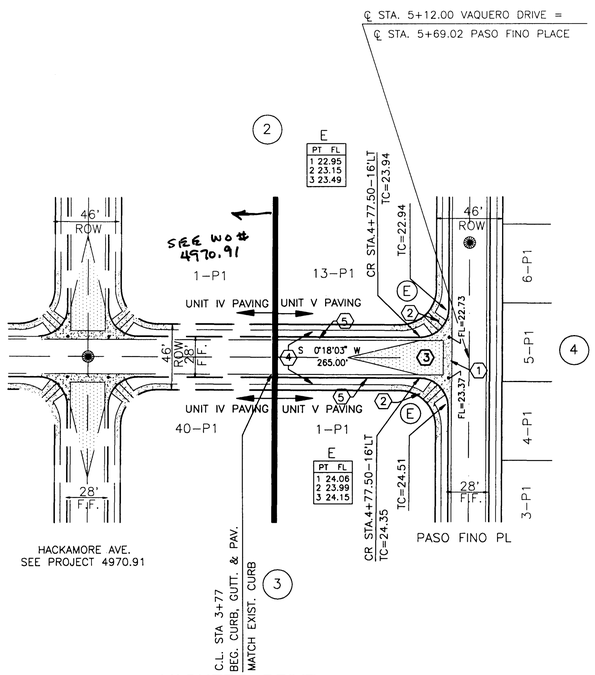
SURVEY INFORMATION
FIELD NOTES

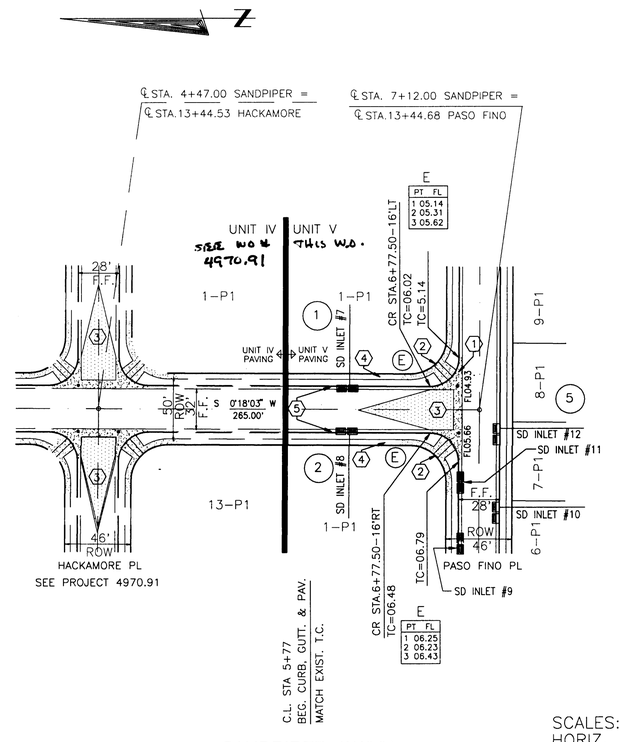
NO.	BY	DATE

ENGINEER'S SEAL
5-18-95

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: RBR DATE: 6/8/94
DRAWN BY: DH, HFB DATE: 6/8/94
CHECKED BY: DATE:





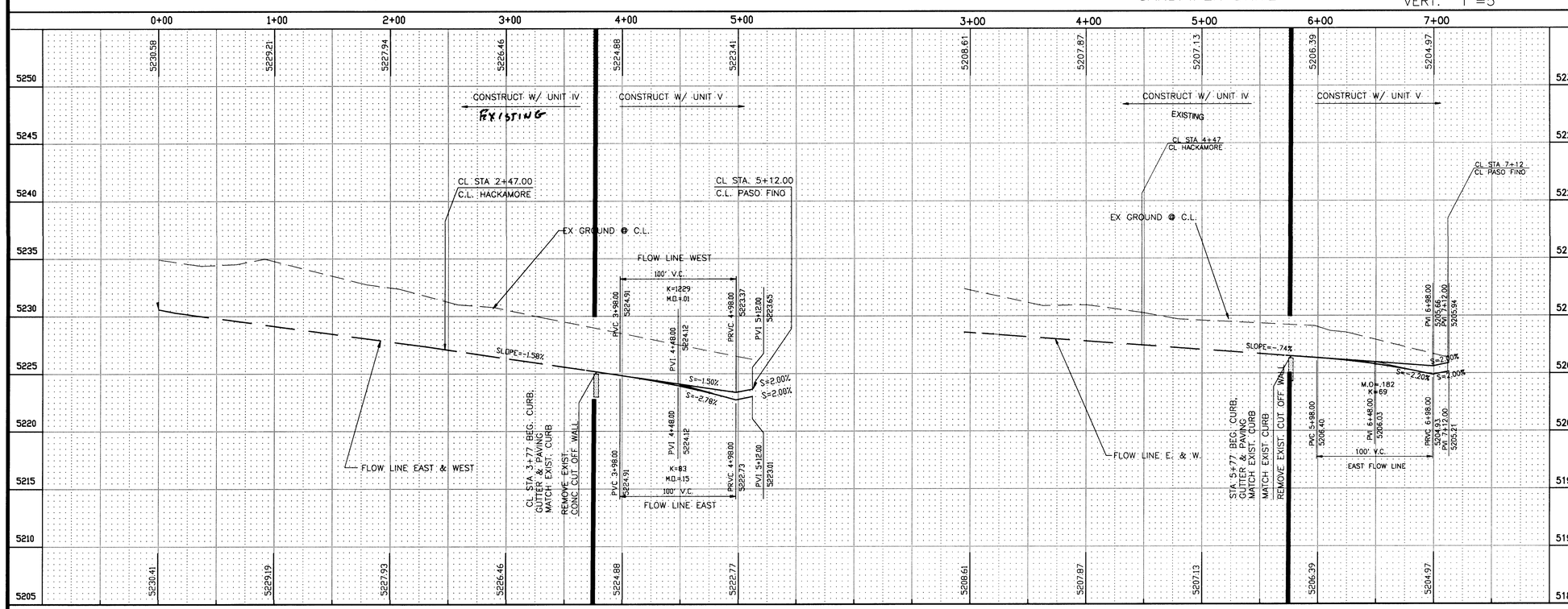
SCALES:
HORIZ. 1"=50'
VERT. 1"=5'

CONSTRUCTION NOTES

1. CONC. VALLEY GUTTER PER C.O.A. DWG. 2420. (UNLESS OTHERWISE SHOWN.)
2. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD DWG #2441 (TYPE II).
3. 50' TRANSITION PER C.O.A. DWG. 2401.
4. 4' WIDE CONC. S.W. BY OTHERS
5. CONSTRUCT STANDARD CURB & GUTTER PER C.O.A. DWG #2415.

CURB CURVE DATA

NO.	RADIUS	ARC	DELTA
E	20.50	32.20	90° 00'00"



LEGEND

- NEW CURB AND GUTTER
- MOUNTABLE CURB AND GUTTER
- EXISTING CURB AND GUTTER
- REMOVE EXISTING TEMPORARY ASPHALT
- TRANSITION OF ASPHALT
- VALLEY GUTTER
- SIDEWALK AND WHEEL-CHAIR RAMP PAVING
- STORM DRAIN INLET
- QUARTER POINT ELEVATIONS

PT	FL
1	08.20
2	08.10
3	08.01

EXISTING ITEMS SHOWN DASHED

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

DWG:C:\SUN\SUNV\VAQPIPP DATE08/17/95 TIME:11:31 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
PAVING PLAN AND PROFILE
VAQUERO DRIVE & SANDPIPER DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		9-28-95	HYDROLOGY	N/A	9-13-95
WATER WASTE WATER	N/A	9-11-95	INSPECTION		
TRANSPORTATION		9-28-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	13	19

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY AVS DATE 9/6
INSPECTOR ACCEPTANCE BY JAS DATE 5-22-96
FIELD VERIFICATION BY AL S DATE 9/6
DRAWINGS CORRECTED BY AL S DATE 5/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

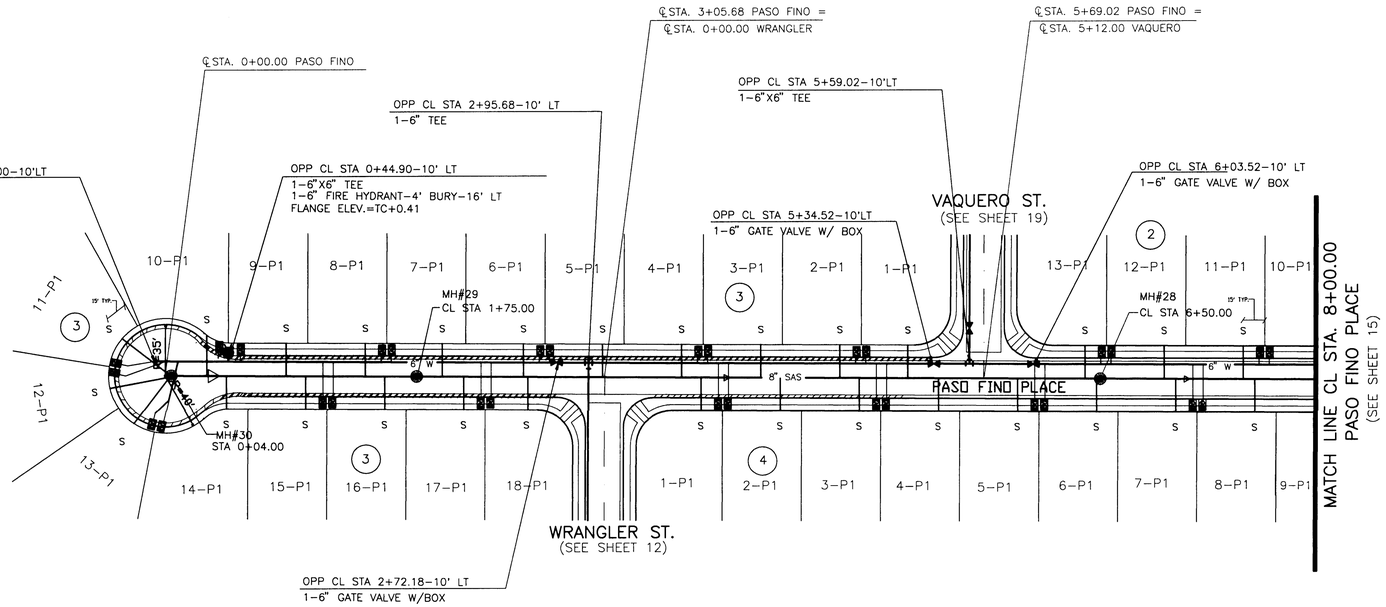
BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9" . LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET. ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

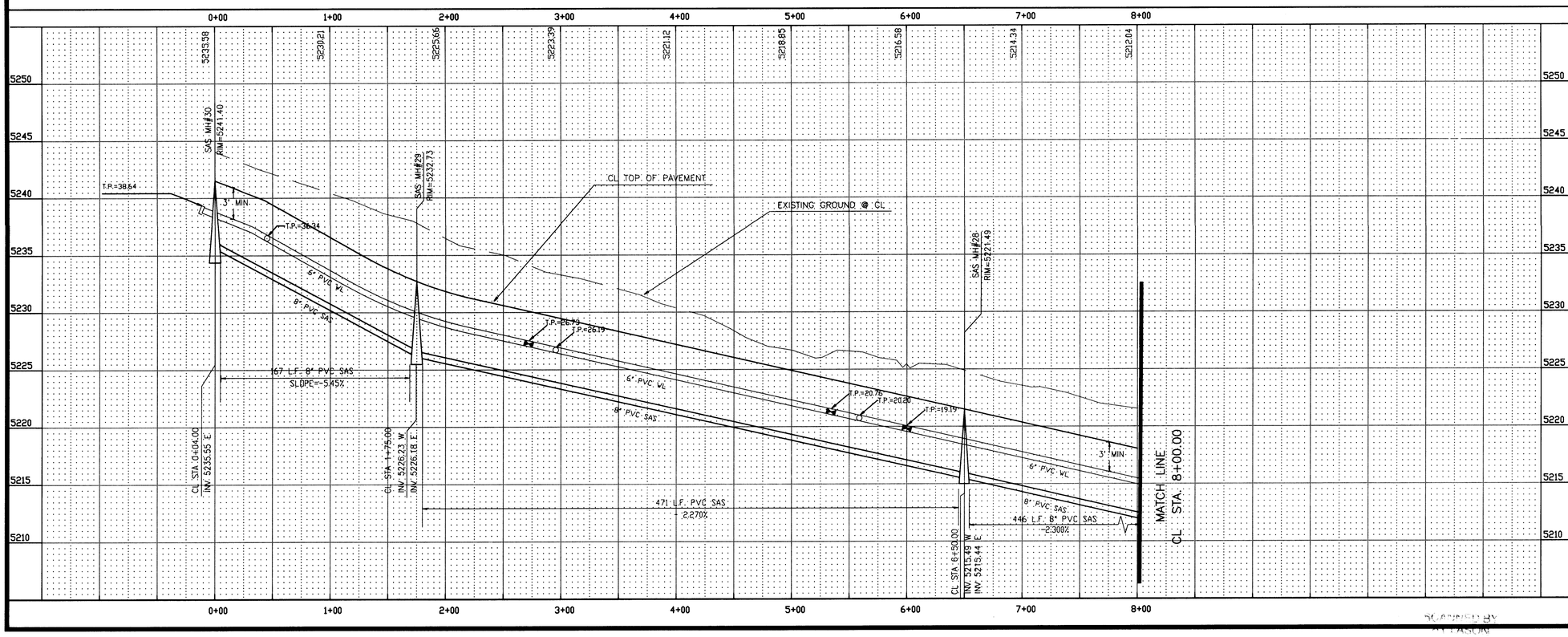
NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: RBR, PBD DATE: 11-94
DRAWN BY: PBD, HFB DATE: 11-94
CHECKED BY: DATE:



PASO FINO PLACE

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



GENERAL NOTES:

1. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDER-GROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND OR SEWERLINE COSTS.
2. ALL WATER LINE STATIONING REFERS TO STREET CENTERLINE STATIONING.
3. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON SHEET 6.
4. CONSTRUCT SAS SERVICES PER STD. DWG #2125.
5. CONSTRUCT FIRE HYDRANTS PER DESIGNATED DEPTHS & LENGTHS PER STD. DWG. #2340.
6. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER STD. DWGS #2361, #2362 & #2363.
7. SEE SHT. 6 FOR WATER SHUT-OFF PLAN.
8. UNLESS OTHERWISE INDICATED, ALL SAS MANHOLES SHALL BE 4' DIAMETER, TYPE "E" PER STD. DWG# 2102.

CONSTRUCTION NOTES:

⬡

SEWER SERVICE TABLE

BLK #	LOT #	℄ STA	INV @ PL
3	1	5+16.28	20.58
3	2	4+68.98	21.66
3	3	4+13.98	22.91
3	4	3+58.98	24.16
3	5	3+03.98	25.38
3	6	2+48.98	26.67
3	7	1+93.98	28.08
3	8	1+38.98	30.43
3	9	0+83.98	33.53
3	10	0+28.88	36.74
3	11	-0+31.50, 5.8 LT	37.53 ✓
3	12	-0+39.00, 8.8 RT	38.46 ✓
3	13	-0+21.8, 33.5 RT	37.68 ✓
3	14	0+42.68	35.86
3	15	0+97.68	32.75
3	16	1+52.68	29.75
3	17	2+07.68	27.66
3	18	2+51.88	26.60
2	13	6+39.42	18.12
2	12	6+94.42	16.86
2	11	7+49.42	15.60
4	1	3+72.68	23.85
4	2	4+27.68	22.60
4	3	4+82.68	21.35
4	4	5+37.68	20.44
4	5	5+92.68	19.18
4	6	6+47.68	17.93
4	7	7+02.68	16.67
4	8	7+57.68	15.41

LEGEND

DESCRIPTION	PROPOSED
WATER VALVE	
FIRE HYDRANT	
SINGLE WATER SERVICE	
DOUBLE WATER SERVICE	
STREET LIGHT	
STORM DRAIN MANHOLE	
CATCH BASIN	
SAS MANHOLE	
SEWER SERVICE	S
WATER LINE	W
SEWER LINE	SAS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
2 6 1 - 4 9 7 0 . 9 2 1 1 4 9 1 6

DWG:C:\SUN\SUNA\WPASOU DATE08/17/95 TIME:11:33 RYALS Engineering-HB

R Y A L S engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS BUILT INFROMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY ALS DATE 2-6
INSPECTOR'S ACCEPTANCE BY DATE 5-28-96
FIELD VERIFICATION BY ALS DATE 9-6
DRAWINGS CORRECTED BY ALS DATE 5-96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9" . LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET. ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
8-18-95

NO.	DATE	REMARKS	BY
		REVISIONS	

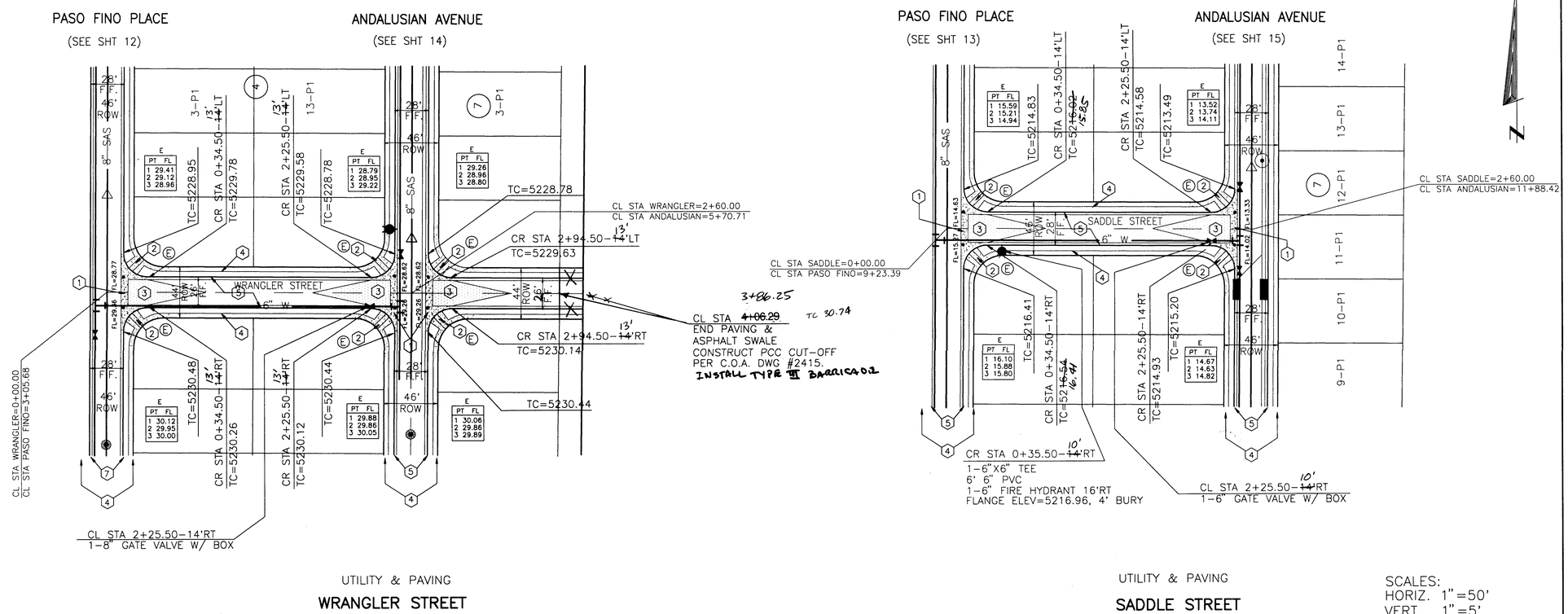
DESIGN
DESIGNED BY:RBR, THG DATE:
DRAWN BY:PBD, HFB DATE:
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
UTILITY PLAN AND PROFILE
STA. 0+00.00-8+00.00 PASO FINO PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		7-28-95	HYDROLOGY	N/A Sonc.	9-13-95
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION	N/A	8-10-95			

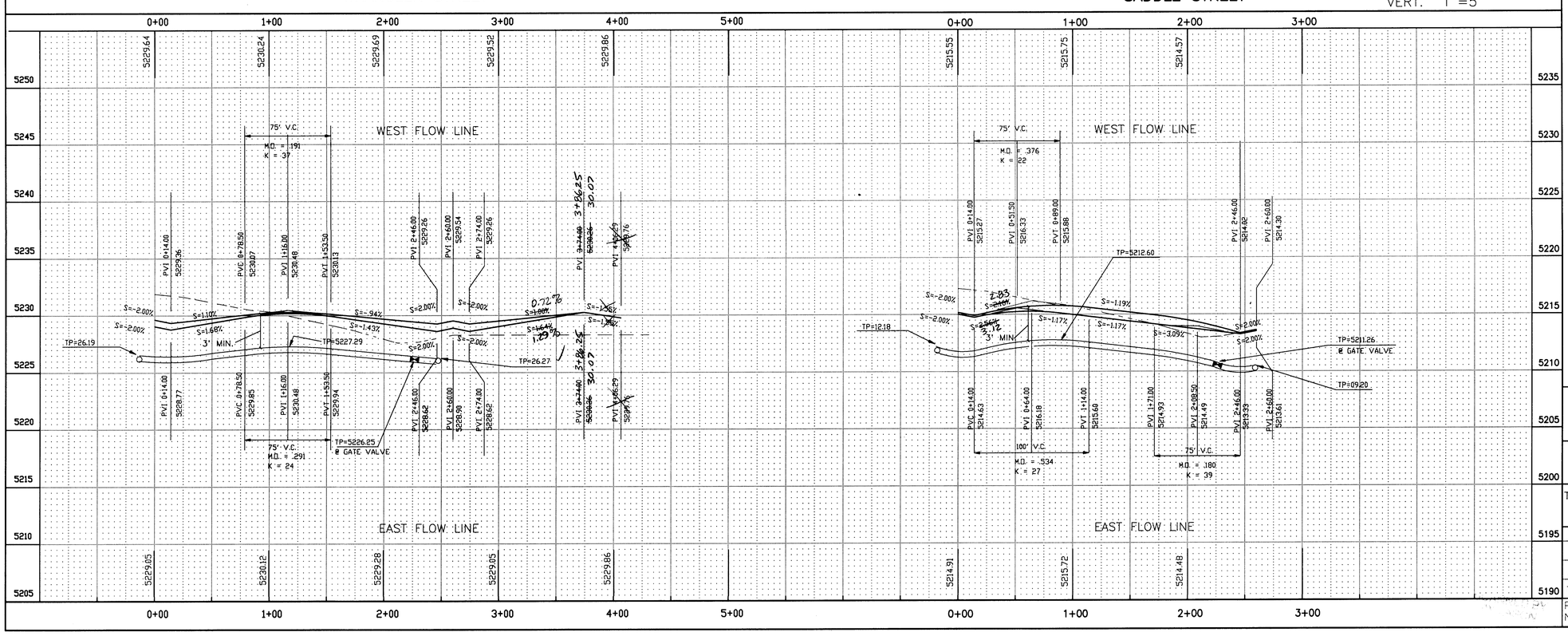
PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	14	19



UTILITY & PAVING
WRANGLER STREET

UTILITY & PAVING
SADDLE STREET

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



GENERAL NOTES:

1. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDER-GROUND UNILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND OR SEWERLINE COSTS.
2. ALL WATER LINE STATIONING REFERS TO STREET CENTERLINE STATIONING.
3. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON SHT 6.
4. CONSTRUCT SAS SERVICES PER STD. DWG #2125
5. CONSTRUCT FIRE HYDRANDTS PER DESIGNATED DEPTHS & LENGTHS PER STD. DWG. #2340
6. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER STD. DWGS #2361, #2362 & #2363.
7. SEE SHT. 6 FOR WATER SHUT-OFF PLAN.
8. UNLESS OTHERWISE INDICATED, ALL SAS MANHOLES SHALL BE 4' DIAMETER, TYPE "E" PER STD DWG# 2102.

CONSTRUCTION NOTES

1. CONC. VALLEY GUTTER PER C.O.A. DWG. 2420. (UNLESS OTHERWISE SHOWN.)
2. CONSTRUCT WHEELCHAIR RAMP PER C.O.A. STD DWG #2441 (TYPE II).
3. 50' TRANSITION PER C.O.A. DWG. 2401.
4. 4' WIDE CONC. S.W. BY OTHERS
5. CONSTRUCT STANDARD CURB & GUTTER PER C.O.A. DWG #2415.
6. EXISTING CURB, GUTTER & S-WALK. NO ASPHALT.
7. CONSTRUCT MOUNTABLE CURB & GUTTER PER C.O.A. DWG #2415.

CURB CURVE DATA

NO.	RADIUS	ARC	DELTA
E	20.50	32.20	90° 00'00"

LEGEND

- NEW CURB AND GUTTER
- MOUNTABLE CURB AND GUTTER
- EXISTING CURB AND GUTTER
- REMOVE EXISTING TEMPORARY ASPHALT
- TRANSITION OF ASPHALT
- VALLEY GUTTER
- SIDEWALK AND WHEEL-CHAIR RAMP PAVING
- STORM DRAIN INLET
- QUARTER POINT ELEVATIONS

PT	FL
1	08.20
2	08.10
3	08.01

EXISTING ITEMS SHOWN DASHED

DWG:C:\SUN\SUNV\SADDLEP DATE08/17/95 TIME:11:30 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY ALS DATE 9-6
INSPECTOR'S ACCEPTANCE BY B.L.C. DATE 5-22-96
FIELD VERIFICATION BY ALS DATE 9-6
DRAWINGS CORRECTED BY ALS DATE 5/96
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9" LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET. ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: RBR, PBD DATE: 11-94
DRAWN BY: PBD, HFB DATE: 11-94
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

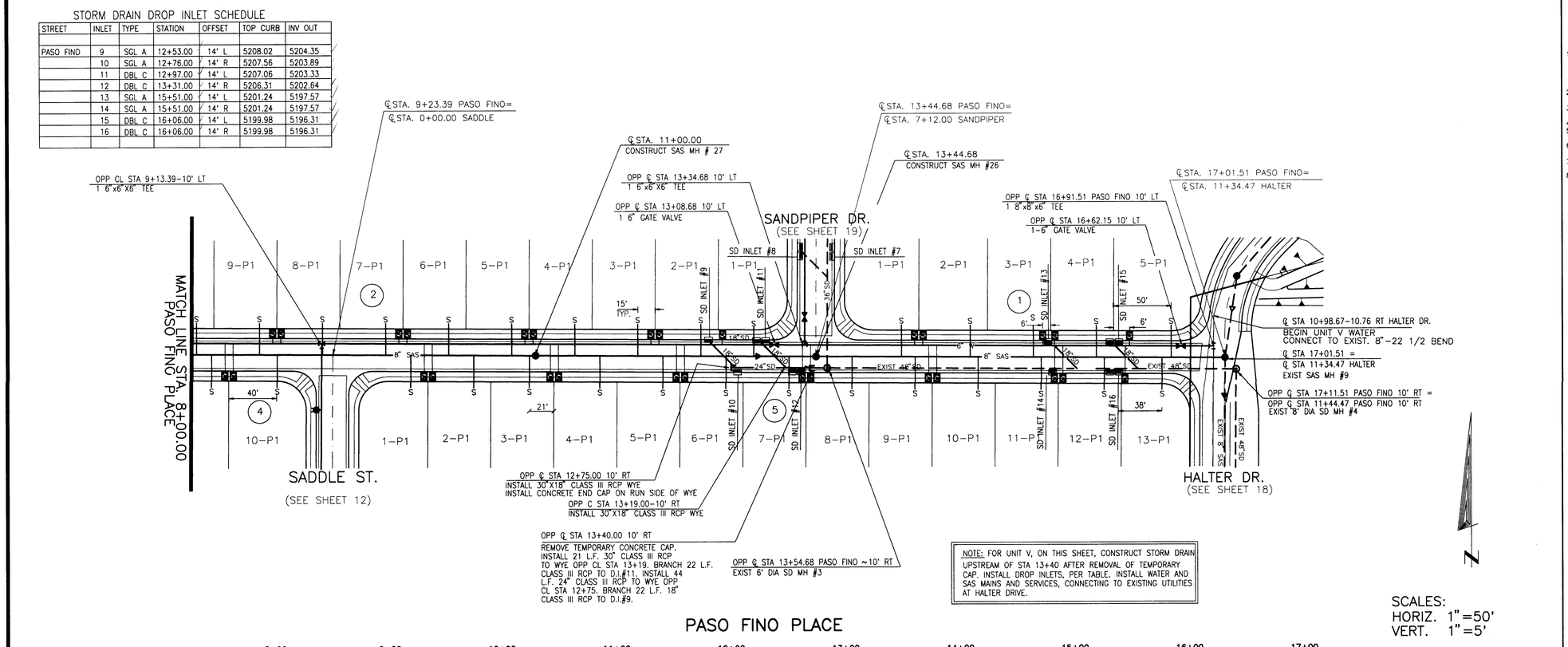
TITLE: SUNRISE TERRACE UNIT V
UTILITY & PAVING PLAN AND PROFILE
SADDLE STREET & WRANGLER STREET

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		9-28-95	HYDROLOGY	N/A	9-12-95
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION		9-26-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	12	19

STORM DRAIN DROP INLET SCHEDULE

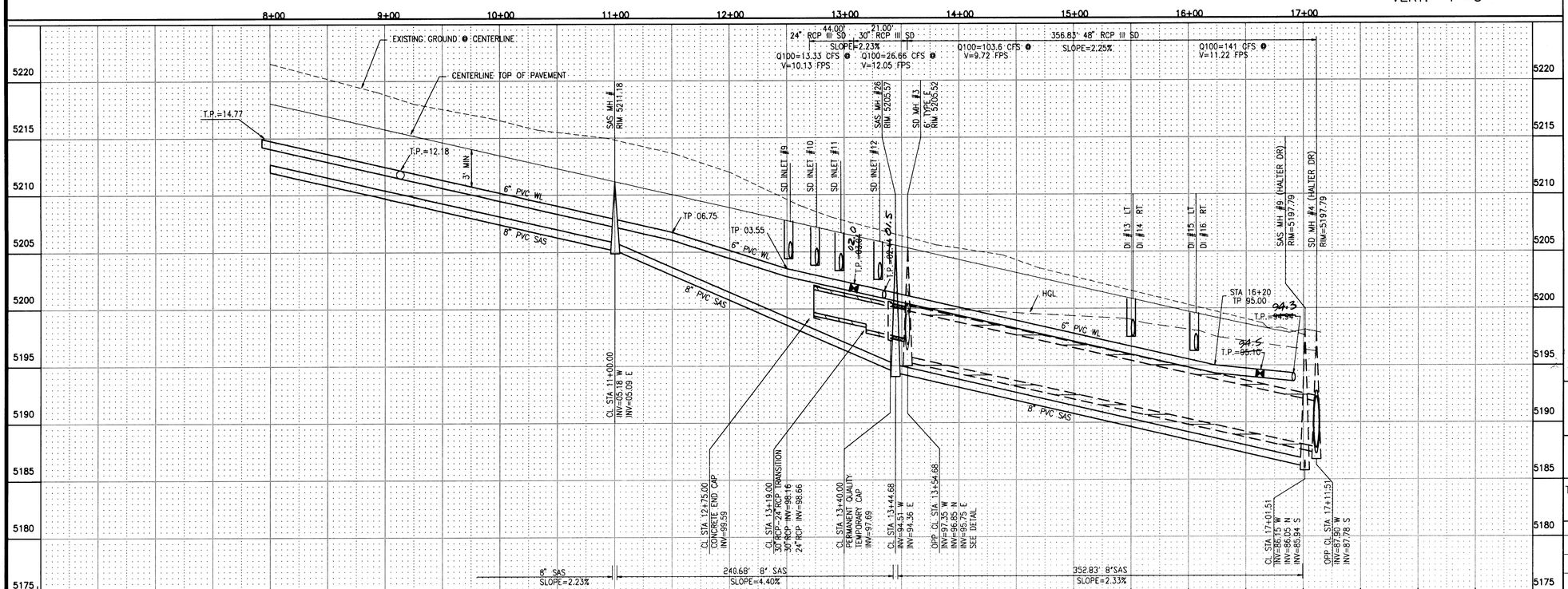
STREET	INLET	TYPE	STATION	OFFSET	TOP CURB	INV OUT
PASO FINO	9	SGL A	12+53.00	14' L	5208.02	5204.35
	10	SGL A	12+76.00	14' R	5207.56	5203.89
	11	DBL C	12+97.00	14' L	5207.06	5203.33
	12	DBL C	13+31.00	14' R	5206.31	5202.64
	13	SGL A	15+51.00	14' L	5201.24	5197.57
	14	SGL A	15+51.00	14' R	5201.24	5197.57
	15	DBL C	16+06.00	14' L	5199.98	5196.31
	16	DBL C	16+06.00	14' R	5199.98	5196.31



NOTE: FOR UNIT V, ON THIS SHEET, CONSTRUCT STORM DRAIN UPSTREAM OF STA 13+40 AFTER REMOVAL OF TEMPORARY CAP. INSTALL DROP INLETS, PER TABLE. INSTALL WATER AND SAS MAINS AND SERVICES, CONNECTING TO EXISTING UTILITIES AT HALTER DRIVE.

PASO FINO PLACE

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



GENERAL NOTES:

1. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDER-GROUND UNILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND OR SEWERLINE COSTS.
2. ALL WATER LINE STATIONING REFERS TO STREET CENTERLINE STATIONING.
3. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON SHT 6.
4. CONSTRUCT SAS SERVICES PER STD. DWG #2125
5. CONSTRUCT FIRE HYDRANDTS PER DESIGNATED DEPTHS & LENGTHS PER STD. DWG. #2340
6. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER STD. DWGS #2361, #2362 & #2363.
7. SEE SHT. 6 FOR WATER SHUT-OFF PLAN.
8. ALL MANHOLES ARE TYPE "E" UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

⬡

SEWER SERVICE TABLE

BLK #	LOT #	℄ STA	INV @ PL
2	10	8+04.42	5214.34
2	9	8+59.42	5213.08
2	8	9+14.42	5211.82
2	7	9+69.42	5210.56
2	6	10+24.42	5209.30
2	5	10+79.42	5208.04
2	4	11+34.42	5206.76
2	3	11+89.42	5205.52
2	2	12+44.42	5204.26
2	1	12+90.00	5203.22
4	9	8+17.69	5214.04
4	10	8+75.39	5212.72
5	1	9+91.41	5210.06
5	2	10+46.41	5208.80
5	3	10+95.00	5207.68
5	4	11+56.41	5206.28
5	5	12+11.41	5205.02
5	6	12+66.41	5203.76
5	7	13+21.41	5202.50
5	8	13+76.41	5201.24
5	9	14+31.41	5199.98
5	10	14+86.41	5198.72
5	11	15+41.41	5197.46
5	12	15+96.41	5196.20
5	13	16+49.41	5194.94
1	1	14+19.42	5200.25
1	2	14+79.42	5198.88
1	3	15+34.42	5197.62
1	4	15+89.42	5196.36
1	5	16+54.42	5194.92

LEGEND

DESCRIPTION	PROPOSED
WATER VALVE	
FIRE HYDRANT	
SINGLE WATER SERVICE	
DOUBLE WATER SERVICE	
STREET LIGHT	
STORM DRAIN MANHOLE	
STORM DRAIN INLET	
SAS MANHOLE	
SEWER SERVICE	S
WATER LINE	W
SEWER LINE	SAS
HYDRAULIC GRADE LINE	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-17 19 70. 92 1 15 9 6

DWG:C:\SUN\SUN\EPASOU DATE08/17/95 TIME:11:34 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 269-1142 mobile telephone

AS BUILT INFROMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY A.L.S. DATE 5-22-96
INSPECTOR'S ACCEPTANCE BY [illegible] DATE 9/96
FIELD VERIFICATION BY A.L.S. DATE 5/96
DRAWINGS CORRECTED BY MICRO-FILM INFORMATION DATE
RECORDED BY DATE
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9", LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET. ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
Robert Gal 8-18-95

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY: THG DATE: 6/8/94
DRAWN BY: DJH, THG, PBD, HFB DATE: 6/8/94
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
UTILITY PLAN AND PROFILE
PASO FINO PLACE
STA. 8+00.00 - 17+01.51

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	J.G. Lodby	9-28-95	HYDROLOGY	J. Wagner	9-13-95
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION	N/A RWD	9-08-95			

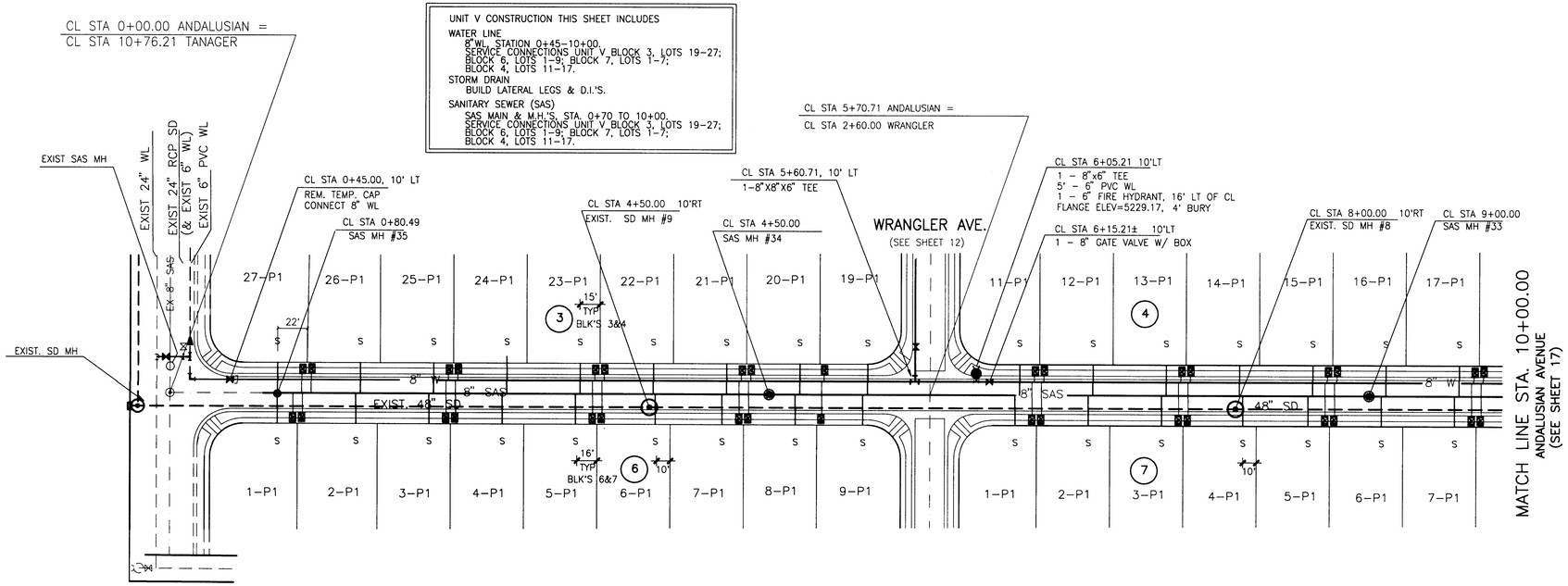
PROJECT NO. 4970.92 MAP NO. L-8 SHEET 15 OF 19

UNIT V CONSTRUCTION THIS SHEET INCLUDES

WATER LINE
8"WL STATION 0+45-10+00.
SERVICE CONNECTIONS UNIT V BLOCK 3, LOTS 19-27; BLOCK 6, LOTS 1-9; BLOCK 7, LOTS 1-7; BLOCK 4, LOTS 11-17.

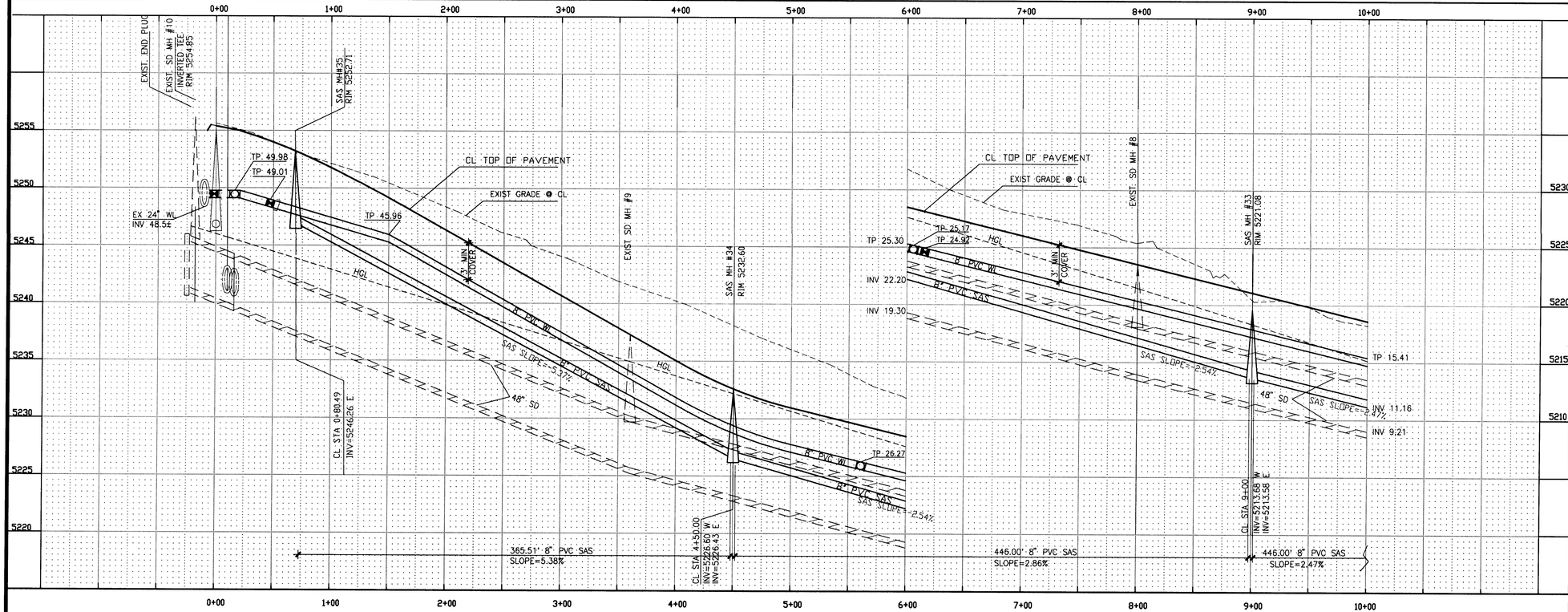
STORM DRAIN
BUILD LATERAL LEGS & D.I.'S.

SANITARY SEWER (SAS)
SAS MAIN & M.H.'S, STA. 0+70 TO 10+00.
SERVICE CONNECTIONS UNIT V BLOCK 3, LOTS 19-27; BLOCK 6, LOTS 1-9; BLOCK 7, LOTS 1-7; BLOCK 4, LOTS 11-17.



ANDALUSIAN AVENUE

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



GENERAL NOTES:

1. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDER-GROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND OR SEWERLINE COSTS.
2. ALL STATIONING REFERS TO STREET CENTERLINE STATIONING.
3. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON SHT. 6.
4. CONSTRUCT SAS SERVICES PER STD. DWG #2125.
5. CONSTRUCT FIRE HYDRANTS PER DESIGNATED DEPTHS & LENGTHS PER STD. DWG. #2340.
6. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER STD. DWGS #2361, #2362 & #2363.
7. UNLESS OTHERWISE INDICATED, ALL SAS MANHOLES SHALL BE 4' DIAMETER, TYPE "E" PER STD. DWG# 2102.
8. SEE SHEET 6 FOR WATER SHUT-OFF PLAN.

CONSTRUCTION NOTES:

SEWER SERVICE TABLE

BLK #	LOT #	℄ STA	INV @ PL
3	27	0+80.49	5246.36
3	26	1+42.71	5245.43
3	25	1+97.71	5242.32
3	24	2+52.71	5239.21
3	23	3+07.71	5236.09
3	22	3+62.71	5232.98
3	21	4+17.71	5230.04
3	20	4+72.71	5227.07
3	19	5+23.64	5223.88
4	11	6+37.71	5222.52
4	12	6+92.71	5221.16
4	13	7+47.71	5219.80
4	14	8+02.71	5218.45
4	15	8+57.71	5217.09
4	16	9+12.71	5215.73
4	17	9+67.71	5214.37
6	1	0+80.49	5246.36
6	2	1+39.70	5245.55
6	3	1+94.70	5242.43
6	4	2+49.70	5239.32
6	5	3+04.70	5236.21
6	6	3+65.70	5233.13
6	7	4+14.70	5230.13
6	8	4+69.70	5228.04
6	9	5+20.69	5225.49
7	1	6+34.70	5223.93
7	2	6+89.70	5222.57
7	3	7+44.70	5221.21
7	4	8+05.70	5219.85
7	5	8+54.70	5218.50
7	6	9+09.70	5217.14
7	7	9+64.70	5215.78

LEGEND

DESCRIPTION	PROPOSED
WATER VALVE	
FIRE HYDRANT	
SINGLE WATER SERVICE	
DOUBLE WATER SERVICE	
STREET LIGHT	
MANHOLE	
CATCH BASIN	
SAS MANHOLE	
SEWER SERVICE	S
WATER LINE	W
SEWER LINE	SAS

NOTE: EXISTING ITEMS SHOWN DASHED

26-4970.92 1696
DWG:C:\SUN\SUNV\WANDALU DATE:08/17/95 TIME:11:35 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS-BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY ALS 96
FIELD VERIFICATIONS BY ESL 5-22-96
ACCEPTANCE BY ALS 96
FIELD VERIFICATION BY ALS 5/96
DRAWINGS CORRECTED BY ALS 5/96
MICRO-FILM INFORMATION
RECORDED BY
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-LS", LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET
ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: RBR, THG DATE: 10-94
DRAWN BY: PD, THG, HFB DATE: 10-94
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
UTILITY PLAN AND PROFILE
ANDALUSIAN AVENUE
(STA. 0+00.00 – STA. 10+00.00)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR		9-28-95	HYDROLOGY		9-13-95
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION	N/A	9-08-95			

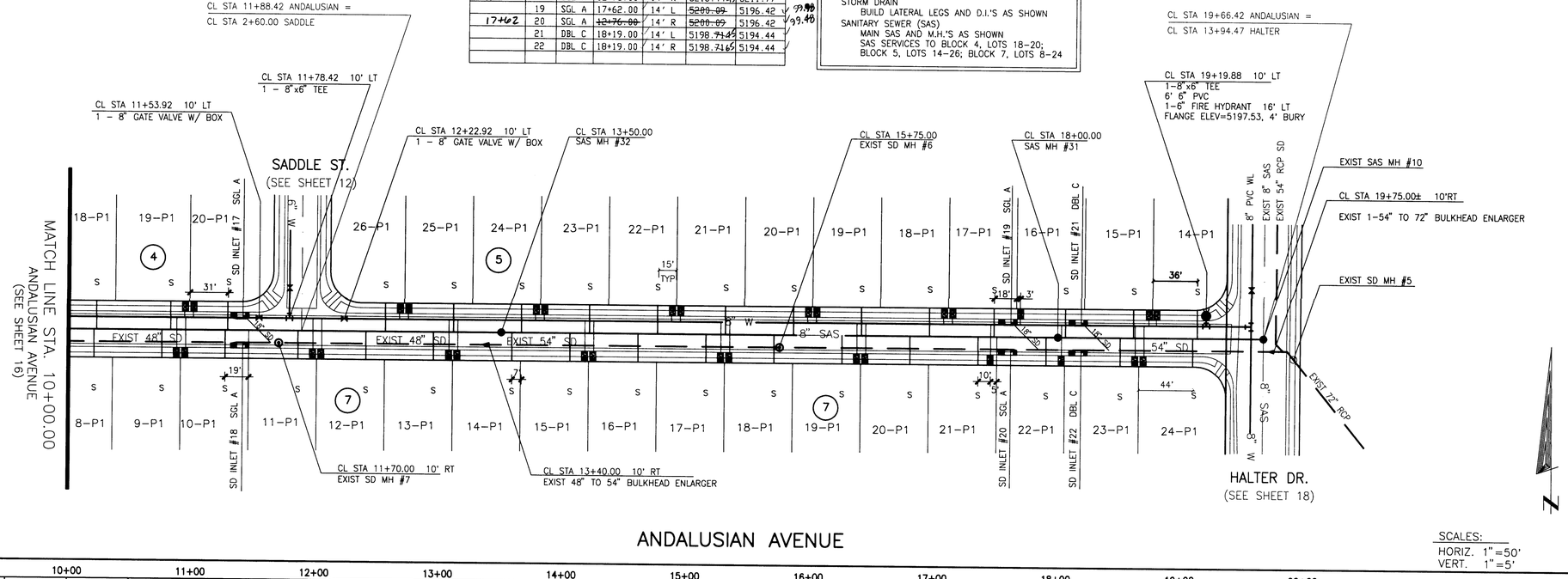
PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	16	19

STORM DRAIN DROP INLET SCHEDULE

STREET	INLET	TYPE	STATION	OFFSET	TOP CURB	INV OUT
ANDALUSIAN	17	SGL A	11+41.00	14' L	5215.~~44.78~~	5211.77
11+41	18	SGL A	~~12+76.00~~	14' R	5215.~~44.47~~	5211.77
	19	SGL A	17+62.00	14' L	~~5200.09~~	5196.42
17+62	20	SGL A	~~12+76.00~~	14' R	~~5200.09~~	5196.42
	21	DBL C	18+19.00	14' L	5198.~~71.43~~	5194.44
	22	DBL C	18+19.00	14' R	5198.~~71.65~~	5194.44

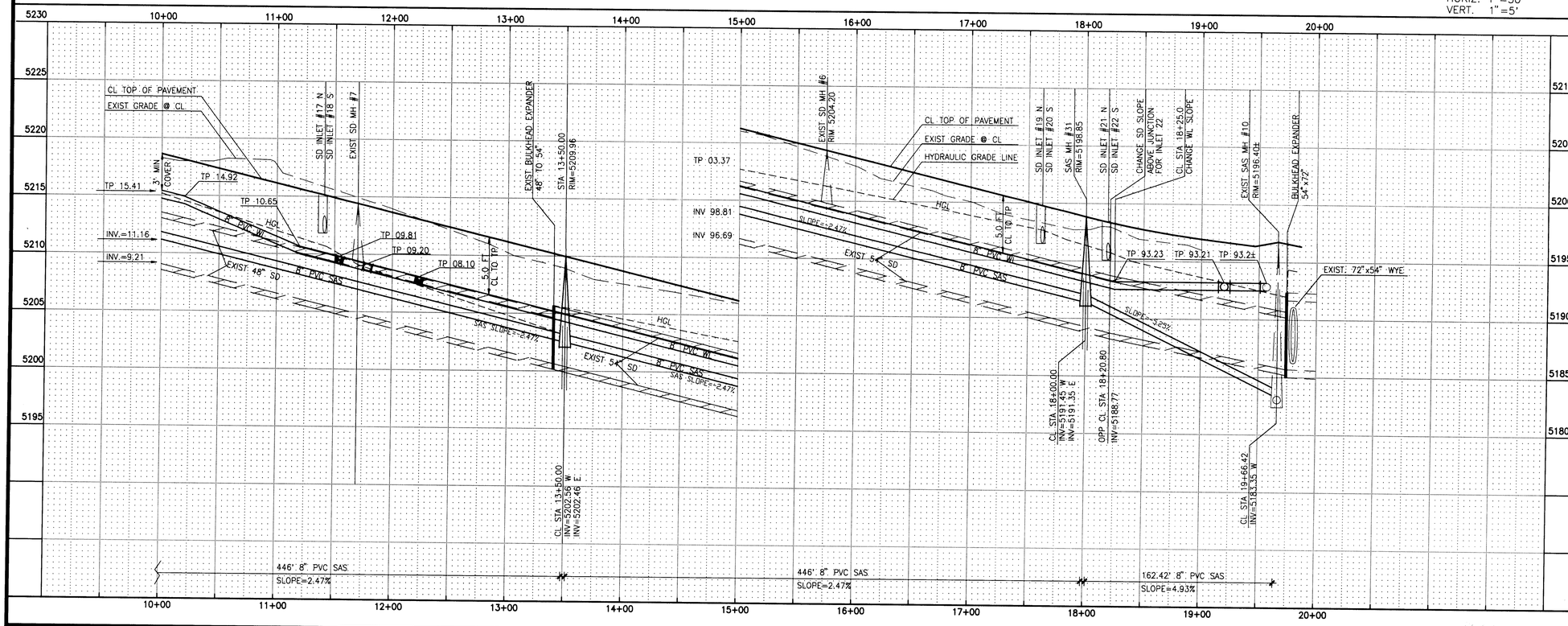
99.90
99.40

UNIT V CONSTRUCTION THIS SHEET INCLUDES
WATER LINE
ALL WL INSTALLATIONS AS SHOWN
STORM DRAIN
BUILD LATERAL LEGS AND D.I.'S AS SHOWN
SANITARY SEWER (SAS)
MAIN SAS AND M.H.'S AS SHOWN
SAS SERVICES TO BLOCK 4, LOTS 18–20;
BLOCK 5, LOTS 14–26; BLOCK 7, LOTS 8–24



ANDALUSIAN AVENUE

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



GENERAL NOTES:

1. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDER-GROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND OR SEWERLINE COSTS.
2. ALL STATIONING REFERS TO STREET CENTERLINE.
3. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON SHT. 6.
4. CONSTRUCT SAS SERVICES PER STD. DWG #2125.
5. CONSTRUCT FIRE HYDRANTS PER DESIGNATED DEPTHS & LENGTHS PER STD. DWG. #2340.
6. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER STD. DWGS #2361, #2362 & #2363.
7. UNLESS OTHERWISE INDICATED, ALL SAS MANHOLES SHALL BE 4' DIAMETER, TYPE "E" PER STD. DWG# 2102.
8. SEE SHEET 6 FOR WATER SHUT-OFF PLAN.

CONSTRUCTION NOTES:

⬡

SEWER SERVICE TABLE

BLK #	LOT #	℄ STA	INV @ PL
4	18	10+22.71	5214.37
4	19	10+82.71	5212.89
4	20	11+28.71	5215.50
5	14	19+12.65	5193.57
5	15	18+61.44	5194.02
5	16	18+06.44	5195.04
5	17	17+48.44	5196.36
5	18	16+96.44	5197.72
5	19	16+41.44	5199.08
5	20	15+86.44	5200.44
5	21	15+31.44	5201.80
5	22	14+76.44	5203.16
5	23	14+21.44	5204.52
5	24	13+66.44	5205.88
5	25	13+11.44	5207.24
5	26	12+56.44	5208.59
7	8	10+20.70	5214.42
7	9	10+75.70	5213.06
7	10	11+26.70	5211.70
7	11	11+85.70	5210.34
7	12	12+40.70	5208.98
7	13	12+95.70	5207.62
7	14	13+58.70	5206.27
7	15	14+05.70	5204.91
7	16	14+60.70	5203.55
7	17	15+15.70	5202.19
7	18	15+70.70	520.83
7	19	16+25.70	5199.47
7	20	16+80.70	5198.11
7	21	17+35.70	5196.75
7	22	17+90.70	5195.40
7	23	18+50.70	5194.16
7	24	19+09.42	5193.67

LEGEND

DESCRIPTION	PROPOSED
WATER VALVE	
FIRE HYDRANT	
SINGLE WATER SERVICE	
DOUBLE WATER SERVICE	
STREET LIGHT	
STORM DRAIN MANHOLE	
CATCH BASIN	
SAS MANHOLE	
SEWER SERVICE	S
WATER LINE	W
SEWER LINE	SAS

NOTE: EXISTING ITEMS SHOWN DASHED

2IG-14970.92 1,4,7,6

DWG:C:\SUN\SUNV\EANDALU DATE08/17/95 TIME:11:36 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS BUILT INFORMATION

CONTRACTOR	HYDRO SYSTEMS	
WORK STAKED BY	ALS	9/96
INSPECTOR'S ACCEPTANCE BY	B. Lane	5-28-96
FIELD VERIFICATION BY	AL-S	9/96
DRAWINGS CORRECTED BY	AL-S	5/96

MICRO-FILM INFORMATION

NO.	DATE	RECORDED BY

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9". LOCATED 200' SOUTH OF TOWER ON WEST ROW OF 98TH STREET
ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: RBR, THG DATE: 10-94
DRAWN BY: PD, THC, HFB DATE: 10-94
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

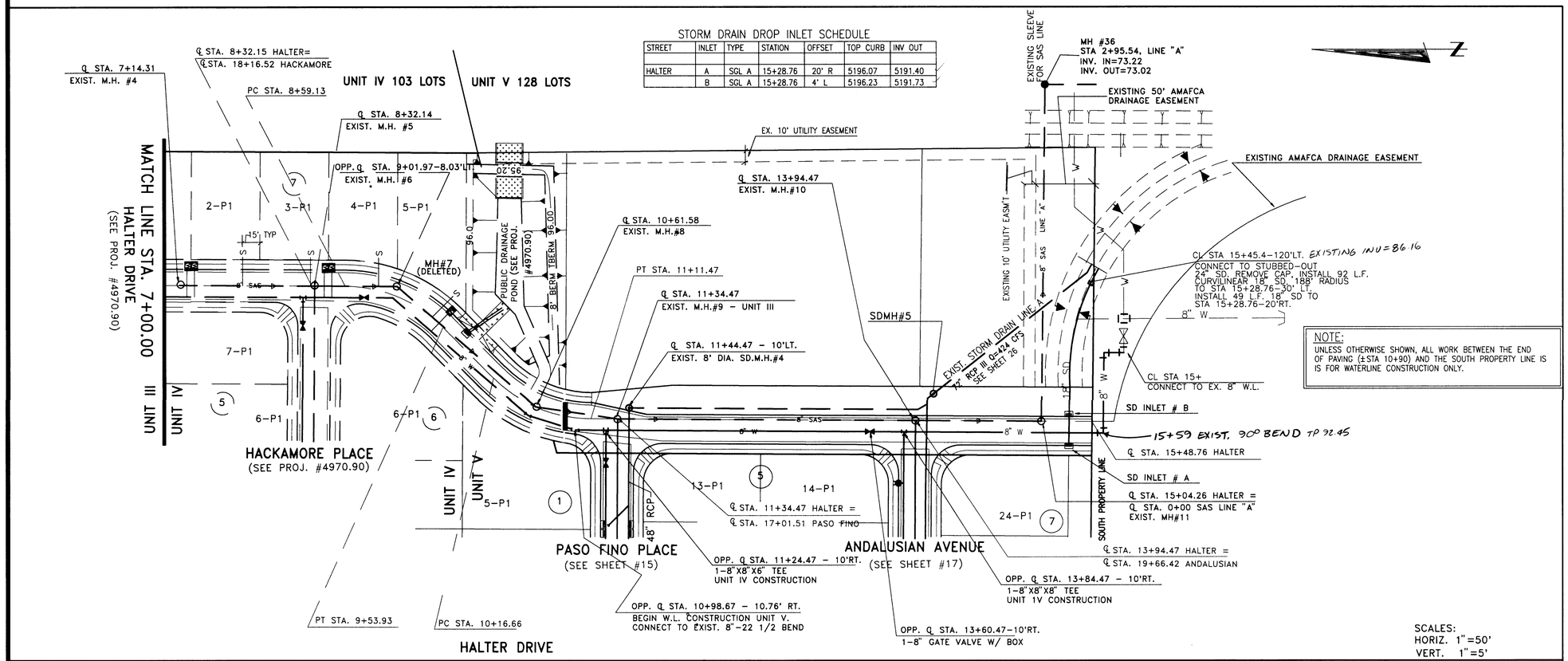
TITLE: SUNRISE TERRACE UNIT V
UTILITY PLAN AND PROFILE
ANDALUSIAN AVENUE
(STA. 10+00.00 – STA. 19+66.42)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	B.J. Lindsley	9-28-95	HYDROLOGY	[illegible]	[illegible]
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION	[illegible]	9-08-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	17	19

STORM DRAIN DROP INLET SCHEDULE

STREET	INLET	TYPE	STATION	OFFSET	TOP CURB	INV OUT
HALTER	A	SGL A	15+28.76	20' R	5196.07	5191.40
	B	SGL A	15+28.76	4' L	5196.23	5191.73



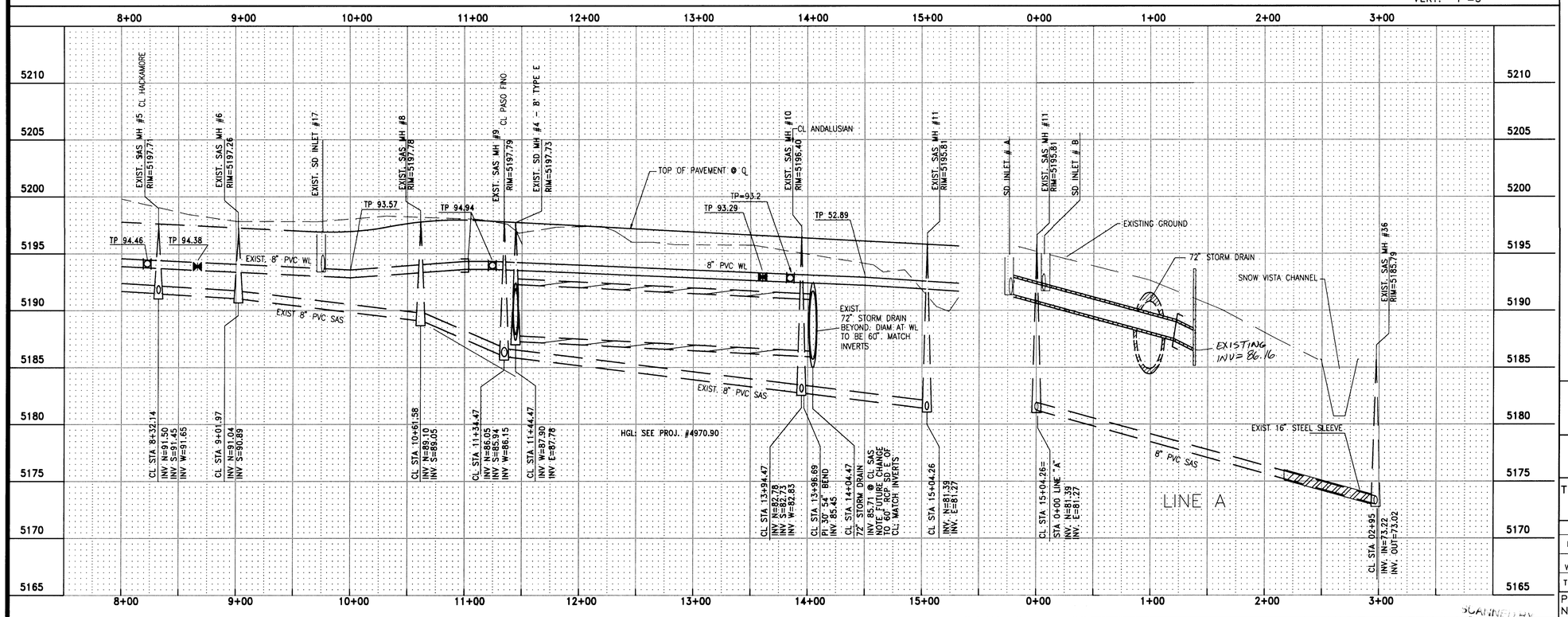
GENERAL NOTES:

1. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDER-GROUND UNILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND OR SEWERLINE COSTS.
2. ALL WATER LINE STATIONING REFERS TO STREET CENTERLINE STATIONING.
3. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON SHT 6.
4. CONSTRUCT SAS SERVICES PER STD. DWG #2125
5. CONSTRUCT FIRE HYDRANDTS PER DESIGNATED DEPTHS & LENGTHS PER STD. DWG. #2340
6. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER STD. DWGS #2361, #2362 & #2363.
7. SEE SHT. 6 FOR WATER SHUT-OFF PLAN.
8. UNLESS OTHERWISE INDICATED, ALL SAS MANHOLES SHALL BE 4' DIAMETER, TYPE "E" PER STD DWG# 2102.

CONSTRUCTION NOTES:

⬡

NOTE:
UNLESS OTHERWISE SHOWN, ALL WORK BETWEEN THE END OF PAVING (±STA 10+90) AND THE SOUTH PROPERTY LINE IS IS FOR WATERLINE CONSTRUCTION ONLY.



LEGEND

DESCRIPTION	PROPOSED
WATER VALVE	
FIRE HYDRANT	
SINGLE WATER SERVICE	
DOUBLE WATER SERVICE	
STREET LIGHT	
STORM DRAIN MANHOLE	
STORM DRAIN INLET	
SAS MANHOLE	
EXIST. SAS MANHOLE	
SEWER SERVICE	S
WATER LINE	W
SEWER LINE	SAS
HYDRAULIC GRADE LINE	

216-1997 Q.N.9.2 18:96

DWG:C:\SUN\SUNV\SHALTU DATE08/17/95 TIME:11:37 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central, N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

AS BUILT INFROMATION
CONTRACTOR HYDRO SYSTEMS
WORK STAKED BY AVS DATE 9/6
INSPECTOR'S ACCEPTANCE BY BJ DATE 5-22-96
FIELD VERIFICATION BY AVS DATE 9/96
DRAWINGS CORRECTED BY AVS DATE 5/96
MICRO-FILM INFORMATION DATE
RECORDED BY NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT "7-L9", LOCATED 200' SOUTH OF TOWER RD. ON WEST ROW OF 98TH STREET
ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY: THG DATE: 6/8/94
DRAWN BY: DJH, THG, HFB DATE: 6/18/94
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

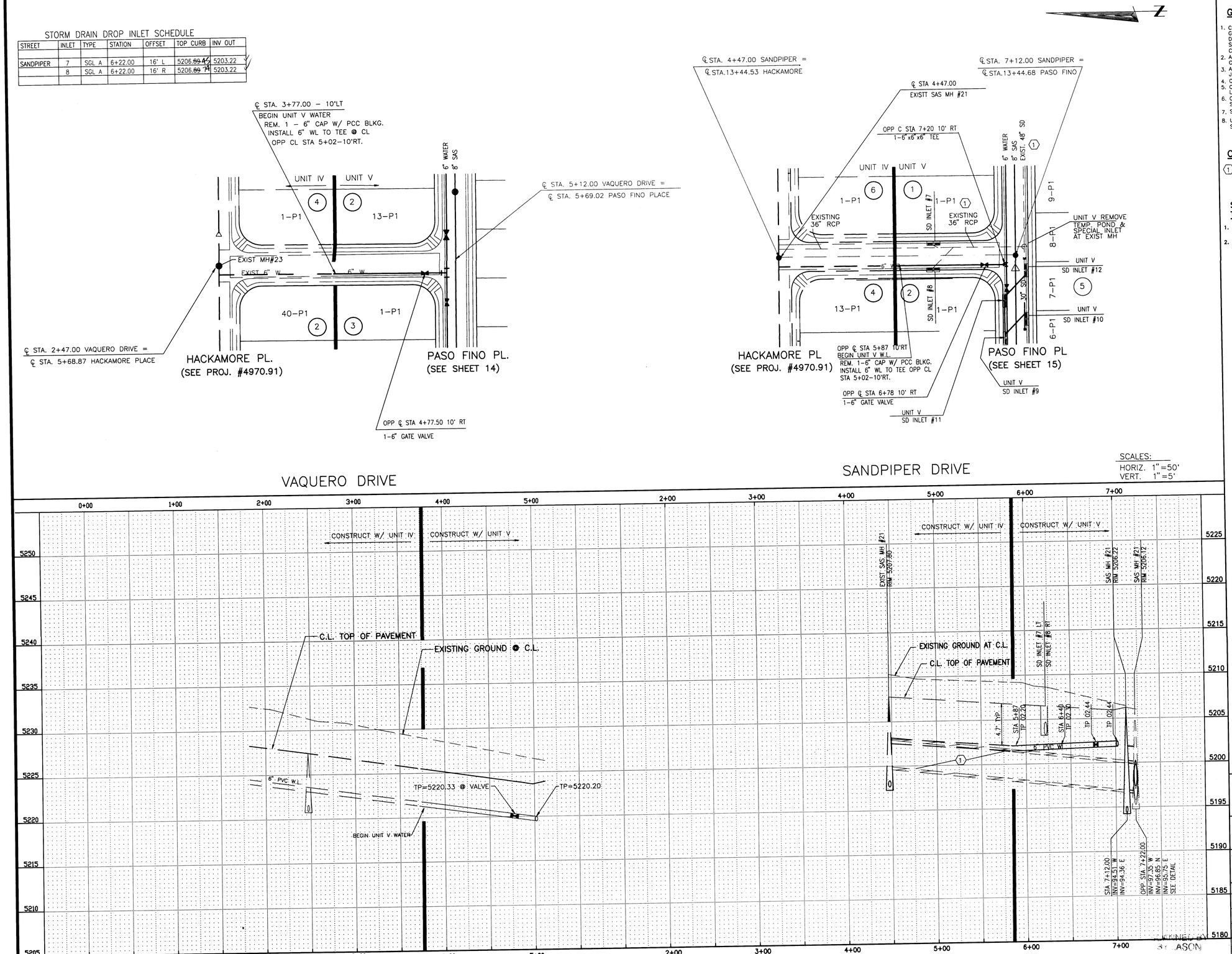
TITLE: SUNRISE TERRACE UNIT V
UTILITY PLAN AND PROFILE
HALTER DRIVE
(STA. 7+00.00 – STA. 15+48.76)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	S.G. Sadler	9-28-95	HYDROLOGY	N/A Sec.	9-13-95
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION	N/A RHD	9-08-95			

PROJECT NO. 4970.92 MAP NO. L-8 SHEET 18 OF 19

STORM DRAIN DROP INLET SCHEDULE

STREET	INLET	TYPE	STATION	OFFSET	TOP CURB	INV OUT
SANDPIPER	7	SGL A	6+22.00	16' L	5206.~~89~~ 47	5203.22
	8	SGL A	6+22.00	16' R	5206.~~89~~ 74	5203.22



GENERAL NOTES:

1. CONTRACTOR SHALL SUPPORT ALL EXISTING UNDER-GROUND UNILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND OR SEWERLINE COSTS.
2. ALL WATER LINE STATIONING REFERS TO STREET CENTERLINE STATIONING.
3. ALL FITTINGS ON WATERLINES SHALL HAVE RESTRAINED JOINTS AS NOTED ON SHT 6.
4. CONSTRUCT SAS SERVICES PER STD. DWG #2125
5. CONSTRUCT FIRE HYDRANDTS PER DESIGNATED DEPTHS & LENGTHS PER STD. DWG. #2340
6. CONSTRUCT ALL SINGLE & DOUBLE WATER SERVICES PER STD. DWGS #2361, #2362 & #2363.
7. SEE SHT. 6 FOR WATER SHUT-OFF PLAN.
8. UNLESS OTHERWISE INDICATED, ALL SAS MANHOLES SHALL BE 4' DIAMETER, TYPE "E" PER STD DWG# 2102.

CONSTRUCTION NOTES

(1) EXISTING STORM DRAIN. SEE SUNRISE TERRACE UNIT III. W.O.#4970.90

SANDPIPER UTILITY CONSTRUCTION TO BE DONE WITH UNIT V

1. CONSTRUCTION OF REMAINING STORM DRAIN INLETS.
2. WATERLINE AND APRURTENANCES AS SHOWN.

LEGEND

DESCRIPTION	PROPOSED
WATER VALVE	
FIRE HYDRANT	
SINGLE WATER SERVICE	
DOUBLE WATER SERVICE	
STREET LIGHT	
STORM DRAIN MANHOLE	
CATCH BASIN	
SAS MANHOLE	
SEWER SERVICE	S
WATER LINE	W
SEWER LINE	SAS

EXISTING ITEMS SHOWN DASHED

2 6 - 4 9 7 0 . 9 2 1 1 1 9 9 6

DWG:C:\SUN\SUNA\VAQPIPU DATE08/17/95 TIME:11:38 RYALS Engineering-HB

RYALS engineering & construction services
5301 Central N.E. Albuquerque, NM 87108
(505) 256-4701 239-4726 mobile telephone

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SUNRISE TERRACE UNIT V
UTILITY PLAN AND PROFILE
VAQUERO DRIVE & SANDPIPER DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIR	R.J. Hobby	9-28-95	HYDROLOGY	N/A	Smc 9-11-95
WATER WASTE WATER	R.W. Kane	9-11-95	INSPECTION		
TRANSPORTATION	N/A RHD	9-08-95			

PROJECT NO.	MAP NO.	SHEET	OF
4970.92	L-8	19	19

AS BUILT INFORMATION
CONTRACTOR HYDRO SYSTEMS
WORK STATED BY AWG 9-6
FIELD VERIFICATION BY LAZ 5-22-96
ACCEPTANCE BY
FIELD VERIFICATION BY AL S 9-6
DRAWINGS CORRECTED BY AL S 5/96
MICRO-FILM INFORMATION
RECORDED BY
NO.

BENCH MARKS
CITY OF ALBUQUERQUE SURVEY MONUMENT
"7-L8", LOCATED 200' SOUTH OF
TOWER ON WEST ROW OF 98TH STREET
ELEV. = 5175.70

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL
R.J. Hobby 8-18-95

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY: RBR, PBD DATE: 10/94
DRAWN BY: PD, HFB DATE: 10/94
CHECKED BY: DATE: