

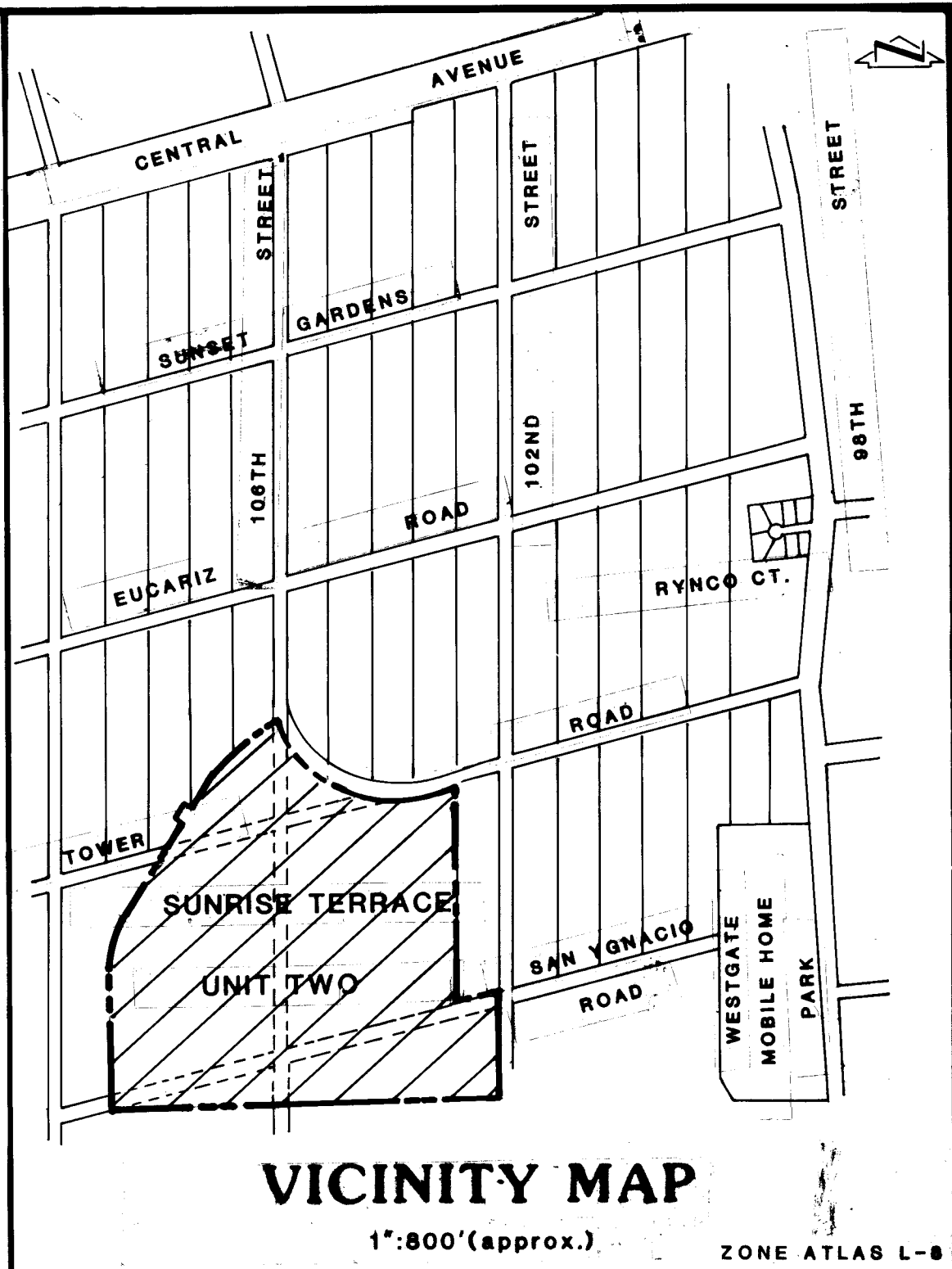
SUNRISE TERRACE
UNIT TWO

PHASE A-1

ALBUQUERQUE NEW MEXICO

INDEX TO DRAWINGS

Sheet No.	Description
1	TITLE,INDEX TO DRAWINGS & GENERAL NOTES
2-3	PLAT OF GEOMETRY
4-6	GRADING PLAN
7	PAVING COMPOSITE
8-14	PAVING PLAN & PROFILES
15	UTILITY COMPOSITE
16-21	UTILITY PLAN & PROFILES
22-23	EROSION CONTROL PLAN
24	INFILTRATION POND PLAN



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 INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985 EDITION, AND ANY REVISIONS AND OR ADDITIONS IN THE SPECIFICATIONS AND CONTRACT DOCUMENTS.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
4. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
6. PACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
7. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
8. IF CURB IS DEPRESSIONED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
9. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.

APPROVAL OF AS BUILT DRAWINGS
CITY CONSTRUCTION ENGINEER
David B. Smith
DATE 7-15-88

1 2 3 4 5 6 7 8 9 10 11 12
26 29070188

REV.	SHEETS	CITY	ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS										

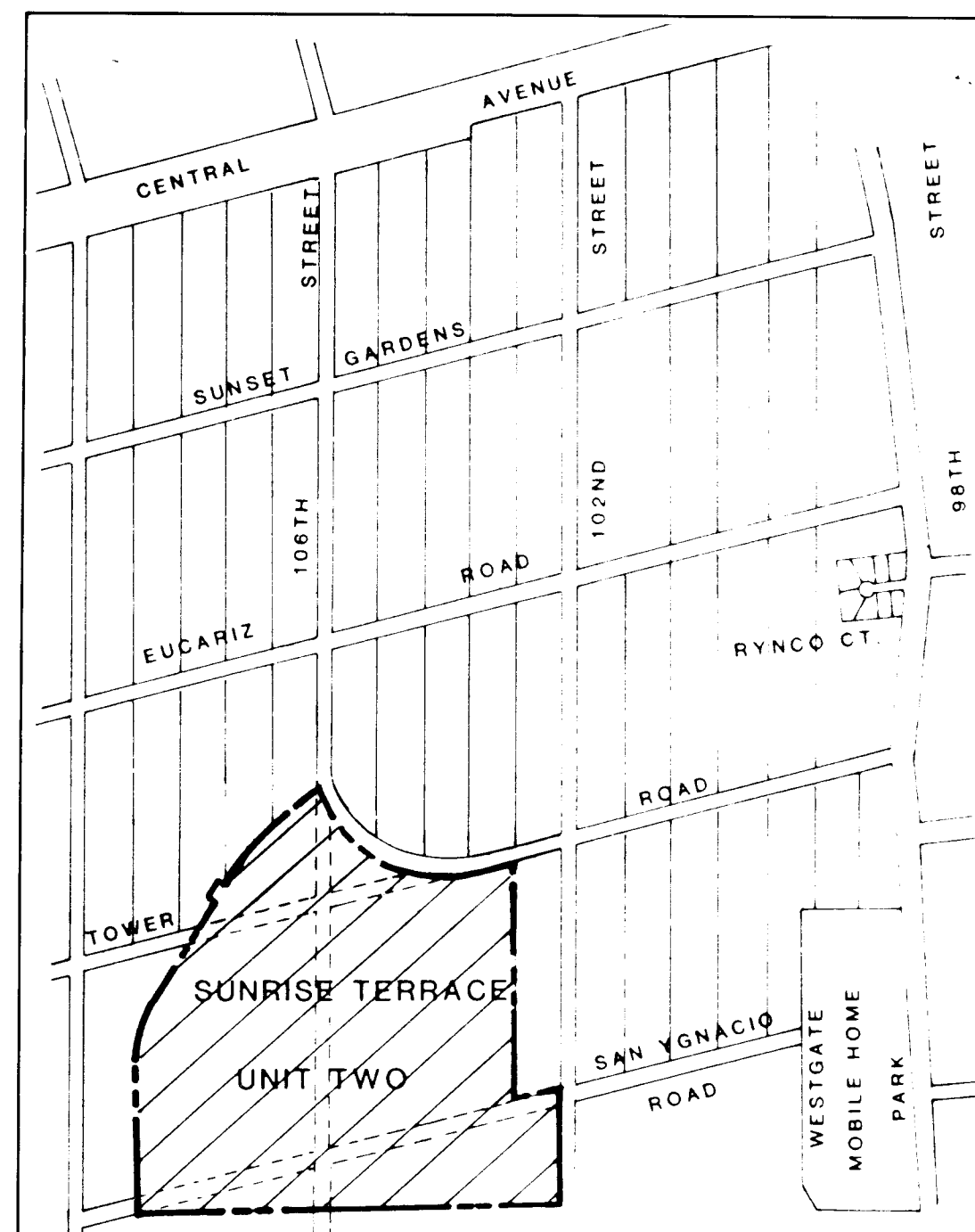
APPROVED FOR CONSTRUCTION
David B. Smith
12/2/86
C.E.

DRAWING NO. 2907

MAP NO. L-8, L-9

SHEET 1 OF 24

Scanlon Job No. 85103.1



LOCATION MAP
Scale 1" = 800'

FREE CONSENT AND DEDICATION

The subdivision of the land hereon described is with the free consent and in accordance with the desires of the undersigned owner and proprietor thereof and said owner and proprietor does hereby dedicate the public right-of-way shown hereon, together with all easements shown on this plat. Utility easements are reserved where shown by dashed lines, including the right of ingress and egress and the right to trim interfering trees.

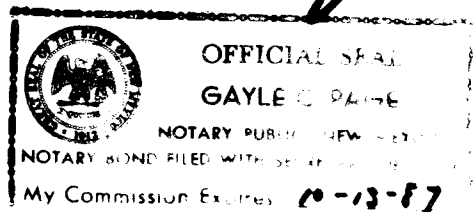
SUNRISE TERRACE UNIT 2

BELLANAH COMPANY, INC.
BY: *[Signature]*
D. T. Robertson, Senior Vice President

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.

The foregoing instrument was acknowledged before me on this 22nd day of MAY, 1986 by D. T. Robertson, Vice President of Bellanah Company Development, on behalf of said corporation.

My Commission Expires: 10-13-87



DESCRIPTION

That certain parcel of land situate within projected Section 29, T 10 N, R 2 E, N.M.P.M. and comprising portions of Blocks 12 and 19, Portions of Tracts 11, 12, 13, and 14, ROW 4 along with Portions of Tower Road S.W., San Ygnacio Road S.W. and 18th Street S.W. as shown on the unfilled Plat of UNIT B (West of Westland) OF THE TOWN OF APTOSON GRANT and Tempest Place S.W., Tempest Court S.W., Cordoba Street S.W., Pottys Place S.W., Imperial Drive S.W., Seville Street S.W., Cutliss Court S.W., Cutliss Avenue S.W., Pacer Court S.W., also Block 1 Lots 1 to 3, Block 2 Lots 15 to 14, Block 3 Lots 1 to 14, Block 4 Lots 25 to 26, and Lots 79 to 85, Block 5 Lots 5 to 20, Block 6 Lots 1 to 21 as shown on SUNRISE TERRACE UNIT 2 PHASE A, filed in the office of the County Clerk of Bernalillo County on April 5, 1983, Volume C-21 Folio 25-1, 2 & 3.

BEGINNING at the Northeast corner of the parcel herein described, WHENCE the City of Albuquerque Survey Brass Cap "7-1/2" having New Mexico Central Zone State Plane Coordinates Y=1,478,346.71 and X=352,978.14 Bears N 89° 48' 03" E, 188.89 feet;
THENCE S 0° 18' 03" W, 1961.78 feet along the easterly line of filed plat C-21-25-2;
THENCE N 74° 57' 15" E, 218.12 feet along the line of the above stated plat to a point in the westerly right-of-way line of 18th Street S.W.;
THENCE S 89° 19' 47" W, 466.51 feet along the said westerly right-of-way to a point in the southerly line of plat C-21-25-2;
THENCE S 89° 22' 58" W, 1966.67 feet along the above said southerly boundary and beyond said plat limits to a point being the southwesterly corner of the herein described Tract;

THENCE N 0° 18' 03" E, 733.14 feet to a point;
THENCE Northeasterly 250.66 feet along the arc of a curve bearing to the right (said arc having a radius of 418.08 feet, a central angle 35° 01' 44" and a chord which bears N 17° 48' 55" E, 246.78 feet);
THENCE N 35° 19' 47" W, 443.08 feet;
THENCE N 30° 45' 21" E, 108.32 feet;
THENCE Northeasterly 39.27 feet along the arc of a curve bearing to the left (said arc having a radius of 25.00 feet, a central angle of 90° 00' 00" and a chord which bears N 0° 5' 13" W 35.36 feet);
THENCE N 54° 48' 13" W, 10.00 feet;
THENCE N 35° 19' 47" W, 68.00 feet;
THENCE S 54° 48' 13" E, 10.00 feet;
THENCE Northeasterly 39.27 feet along the arc of a curve bearing to the left (said arc having a radius of 25.00 feet, a central angle of 90° 00' 00" and a chord which bears N 0° 19' 47" E, 35.36 feet);
THENCE N 35° 19' 47" W, 175.00 feet;
THENCE Northeasterly 467.97 feet, along the arc of a curve bearing to the right (said arc having a radius of 797.94 feet, a central angle of 33° 36' 09" and a chord which bears N 52° 07' 51" E, 461.29 feet);
THENCE N 68° 55' 55" E 4.03 feet;
THENCE Northeasterly 37.44 feet, along the arc of a curve bearing to the left (said arc having a radius of 25.00 feet, a central angle of 85° 47' 48" and a chord which bears N 26° 02' 28" E, 34.03 feet);
THENCE Southeasterly 114.16 feet along the arc of a curve bearing to the left (said arc having a radius of 25.00 feet, a central angle of 89° 23' 08" and a chord which bears S 21° 03' 26" E, 114.06 feet);
THENCE S 25° 15' 00" E, 169.01 feet;
THENCE Southeasterly 738.05 feet along the arc of a curve bearing to the left (said arc having a radius of 538.00 feet, a central angle of 79° 17' 14" and a chord which bears S 65° 08' 37" E, 479.85 feet);
THENCE N 74° 57' 15" E, 106.19 feet to the point and place of BEGINNING.

The above described enclosure contains 63.486 acres more or less.

PUBLIC UTILITY EASEMENTS

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

- The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- The Gas Company of New Mexico for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- Mountain Bell for the installation, maintenance, and service of all telephone lines, switching equipment and other related equipment and facilities reasonably necessary to provide telephone service.
- Albuquerque Cable Television, Inc. for the installation, maintenance, and service of such line, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

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

SUBDIVISION DATA

DRB Case No. 85-106
Zone Atlas Index No. L-8
Gross Subdivision Area 63.406 Acres
Total Number of Lots Created 96
Mileage of Streets Created
Half width 0.9 miles
Full width 0.48 miles
Total 0.67 miles

Date of Survey February, 1985

Subdivision Plat Map for
SUNRISE TERRACE - UNIT TWO
PHASE A-1

Phase B and Replat of Portions of Phase A
as filed April 5, 1983 Volume C21 Folio 25-1 to 3
Albuquerque, Bernalillo County, New Mexico
October, 1985

APPROVED: *[Signature]* 4/24/86
Date
Traffic Engineer, City of Albuquerque, N.M.
6-10-86
Date
Planning Director, City of Albuquerque, N.M.
Date

City Engineer, City of Albuquerque, N.M.
6/27/86
Date
Assistant Property Manager, City of Albuquerque, N.M.
Date

Water Resources, City of Albuquerque, N.M.
6-10-86
Date
Recreation, City of Albuquerque, N.M.
Date

ANALYST: *[Signature]* 6-18-86
Date
Municipal Engineer, City of Albuquerque, N.M.
6-4-86
Date

City Engineer, City of Albuquerque, N.M.
6-18-86
Date
Public Service, City of Albuquerque, N.M.
Date

CERTIFICATION

I, Clifford E. Anderson, a Registered Land Surveyor under the laws of the State of New Mexico, certify that this plat was prepared by me, or under my supervision shows all easements of record, meets the minimum requirements for monumentation and surveys of this Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

SCANLON AND ASSOCIATES, INC.

4/24/86 *[Signature]*
Date Clifford E. Anderson, L.S. No. 6472

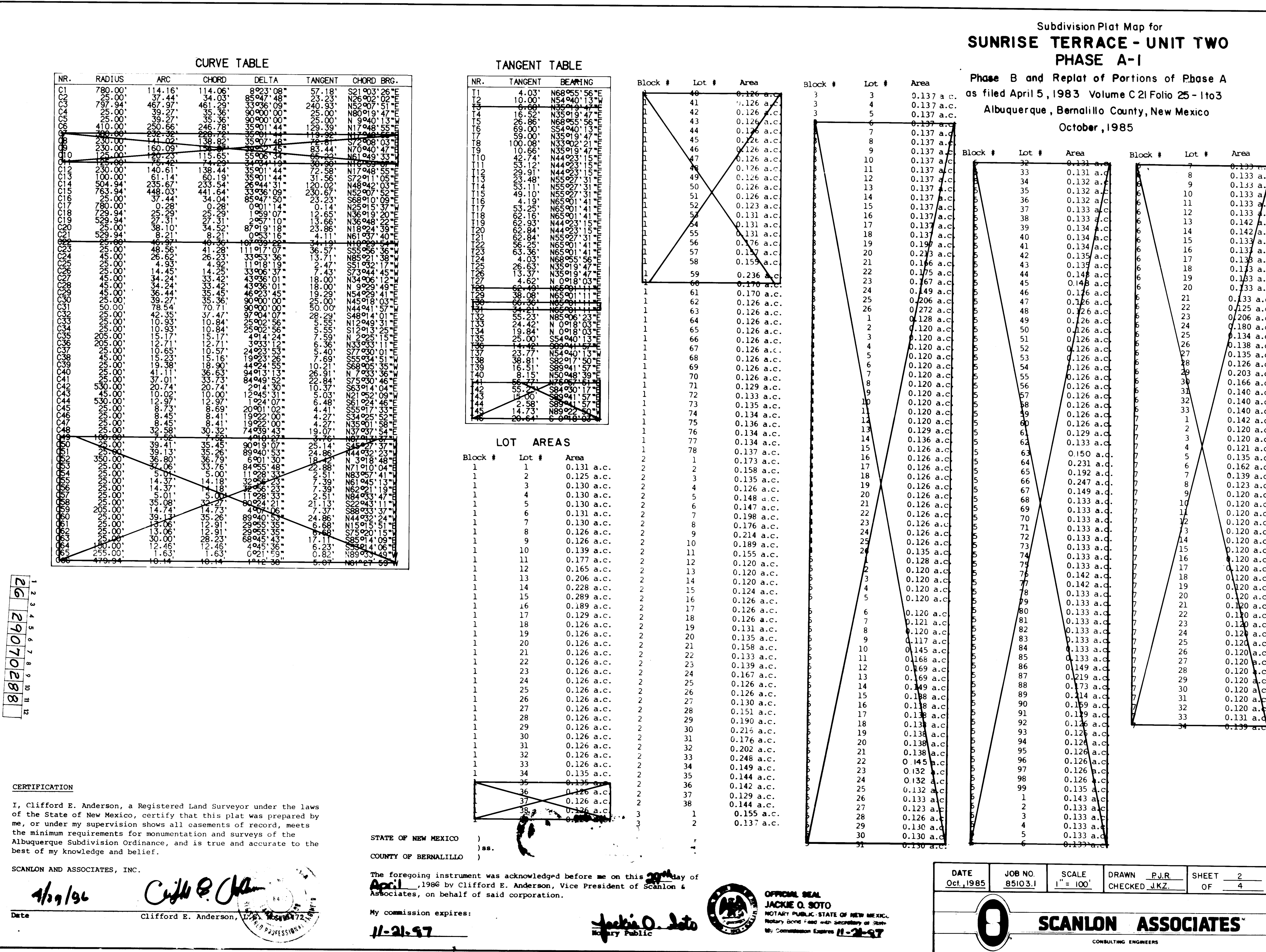
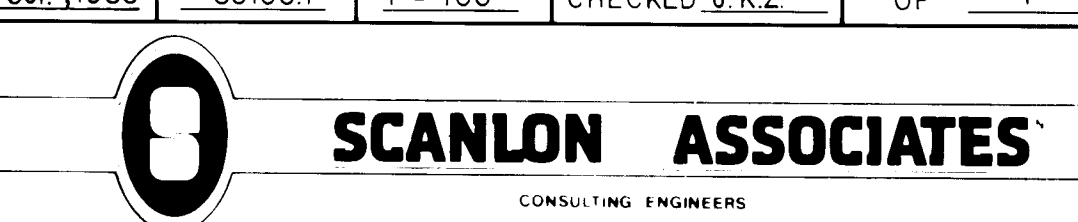
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.

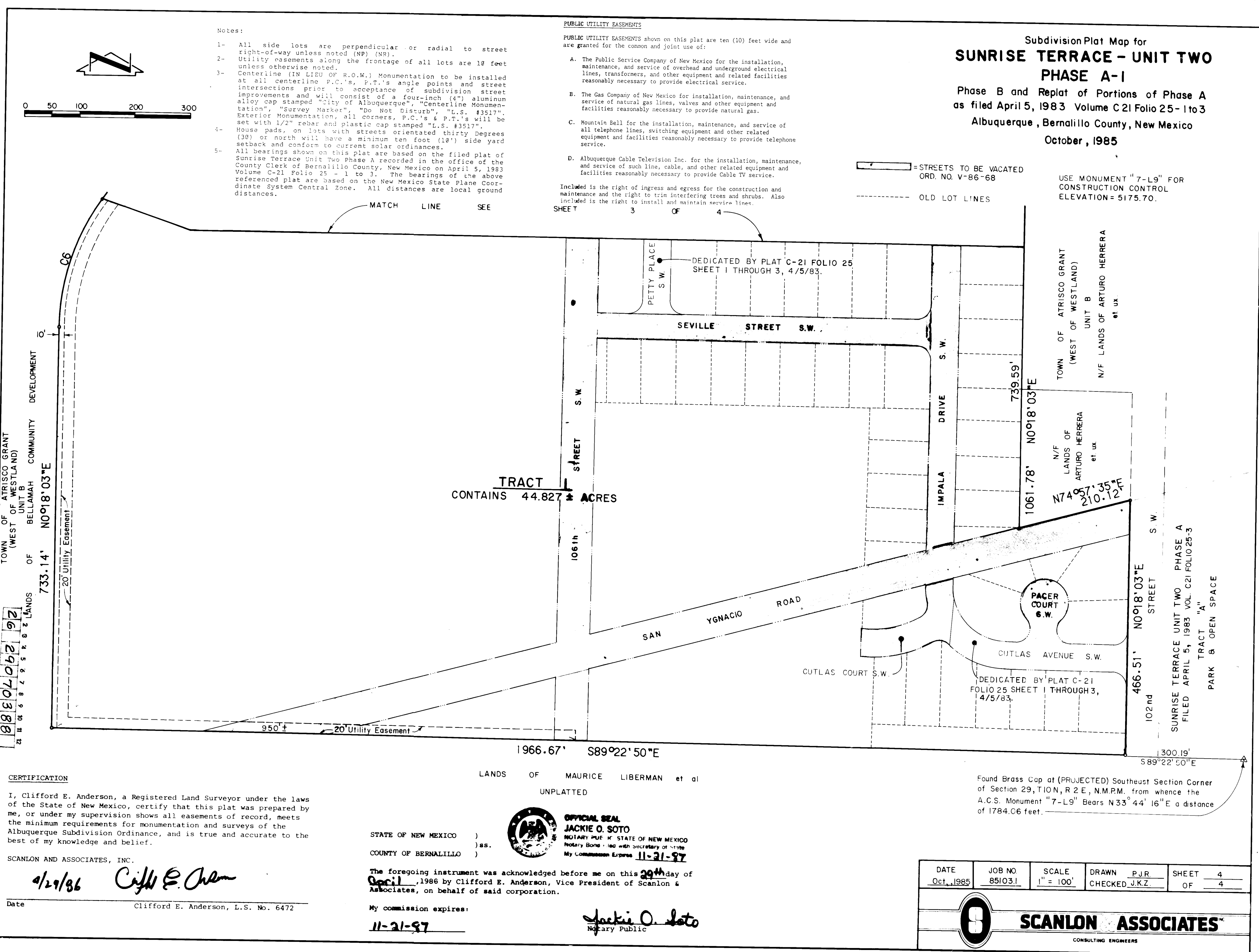
The foregoing instrument was acknowledged before me on this 22nd day of April, 1986 by Clifford E. Anderson, Vice President of Scanlon & Associates, on behalf of said corporation.

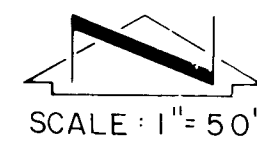
My commission expires: 11-21-87

OFFICIAL SEAL
JACKIE O. SOTO
NOTARY PUBLIC, STATE OF NEW MEXICO
My Commission Expires 11-21-87

DATE JOB NO. SCALE DRAWN P.J.R. SHEET
Oct. 1985 85103.1 1" = 100' CHECKED J.K.R. OF 4

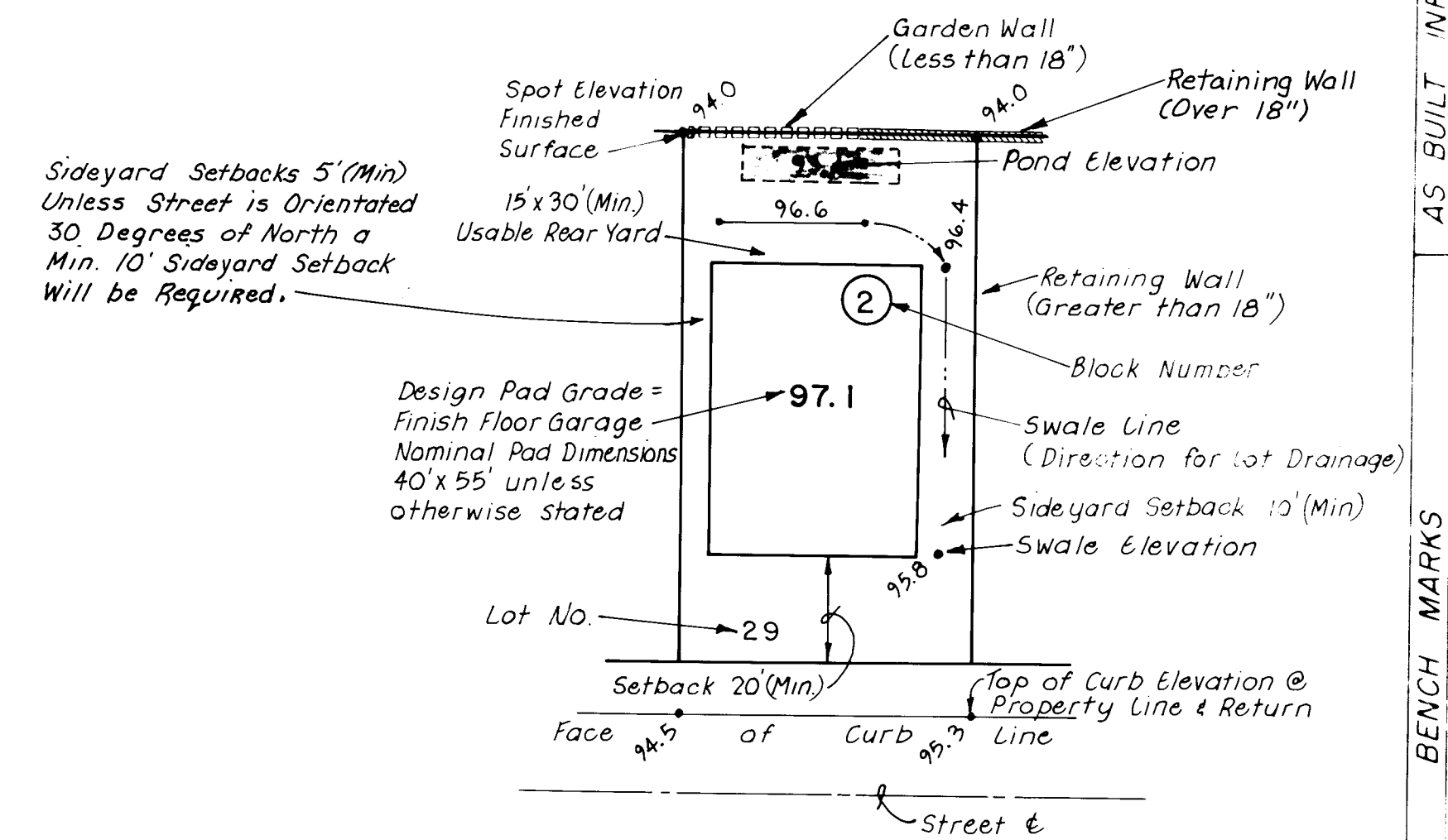






NOTES

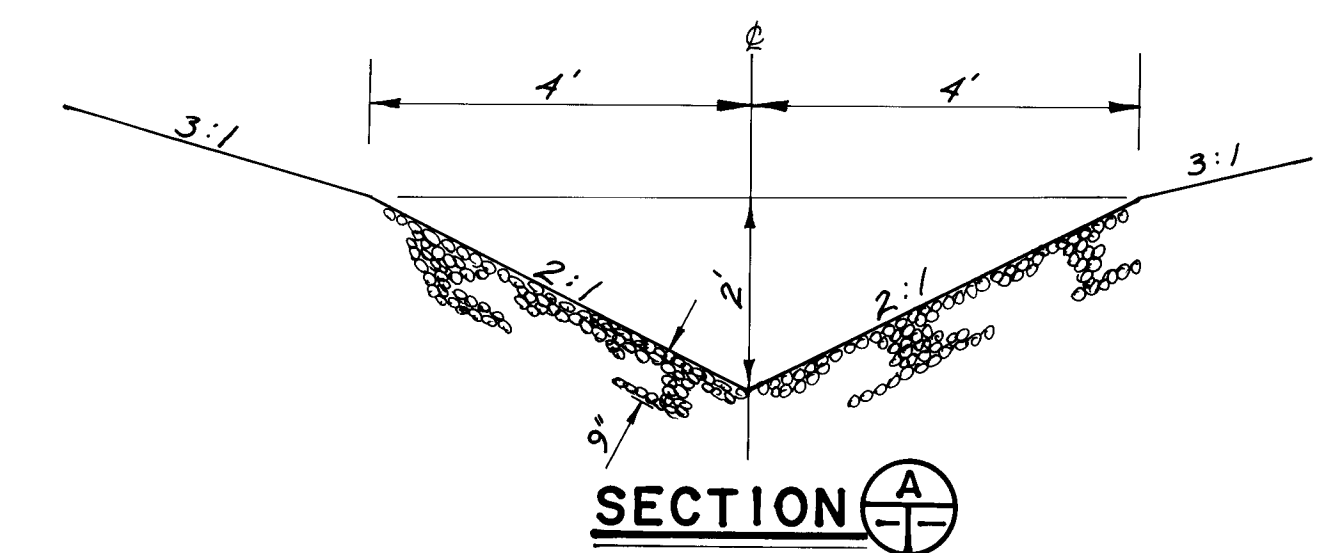
- 1- Garden Type Walls are to be constructed by individual builders; not the developers responsibility.
- 2- Construct concrete drainage channel. See sheet 13A of 24 for details.



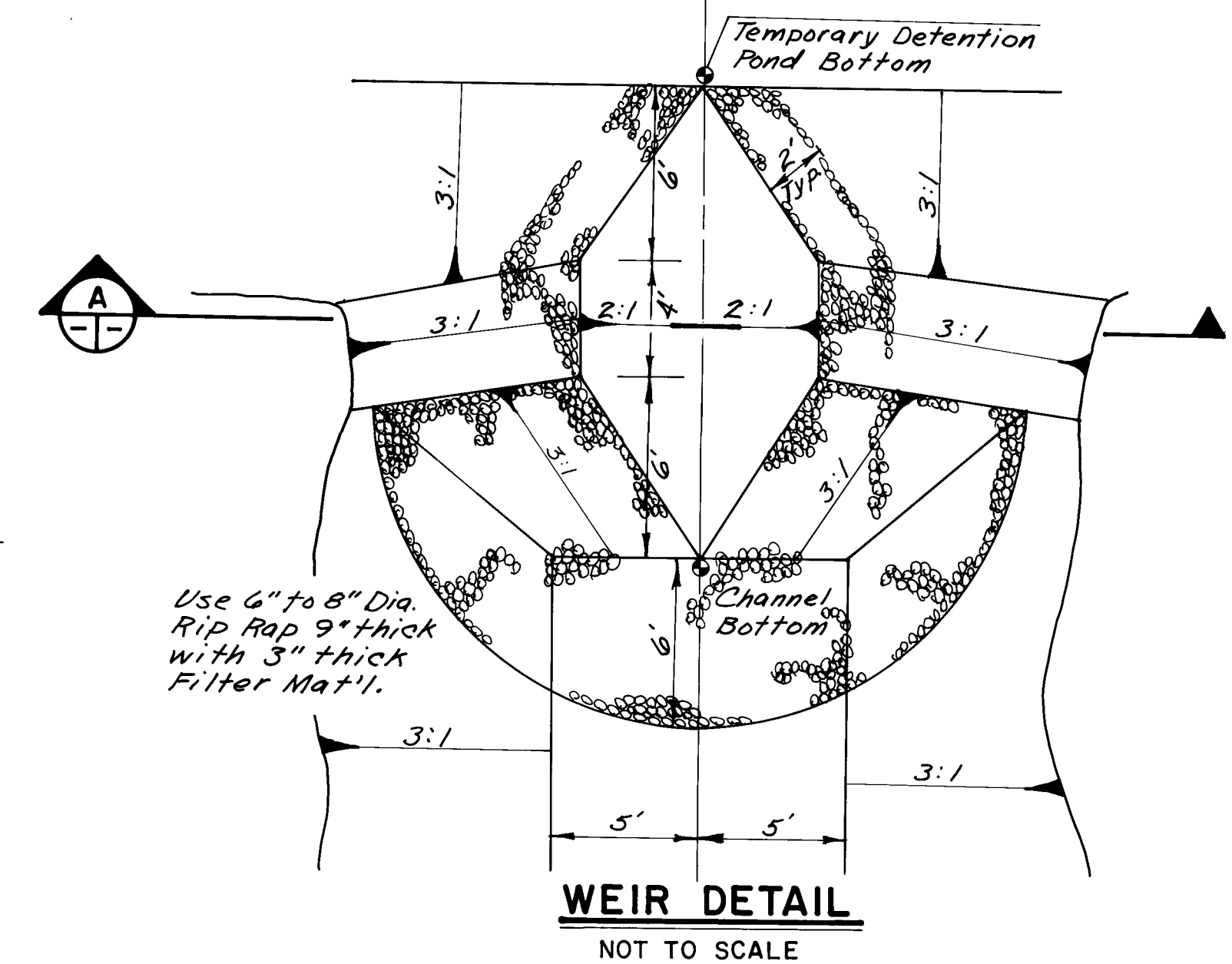
TYPICAL LOT DETAIL

Scale 1"=30'

Note: Existing Ground Contour Interval = one Foot

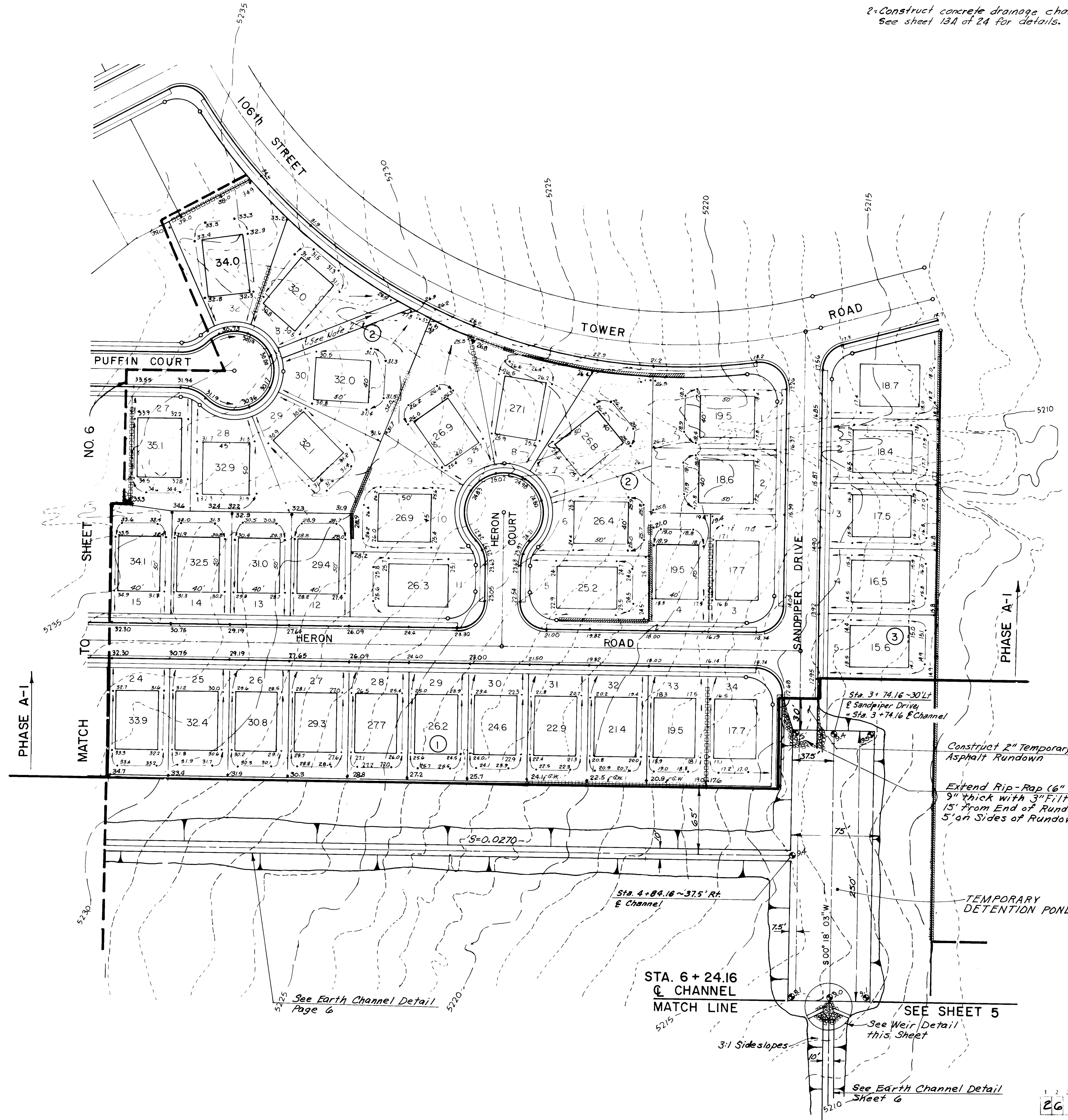


SECTION A-A

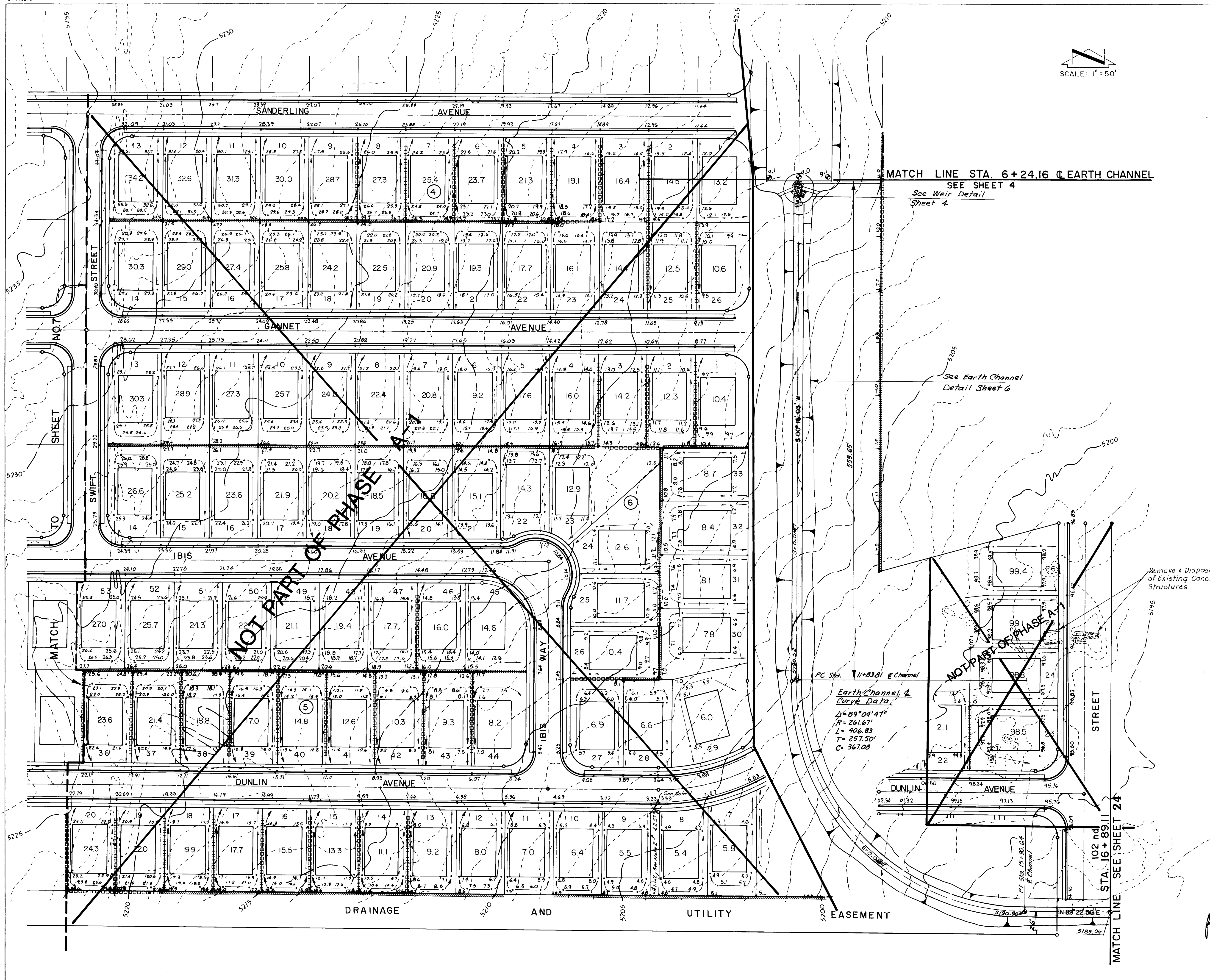


WEIR DETAIL

NOT TO SCALE



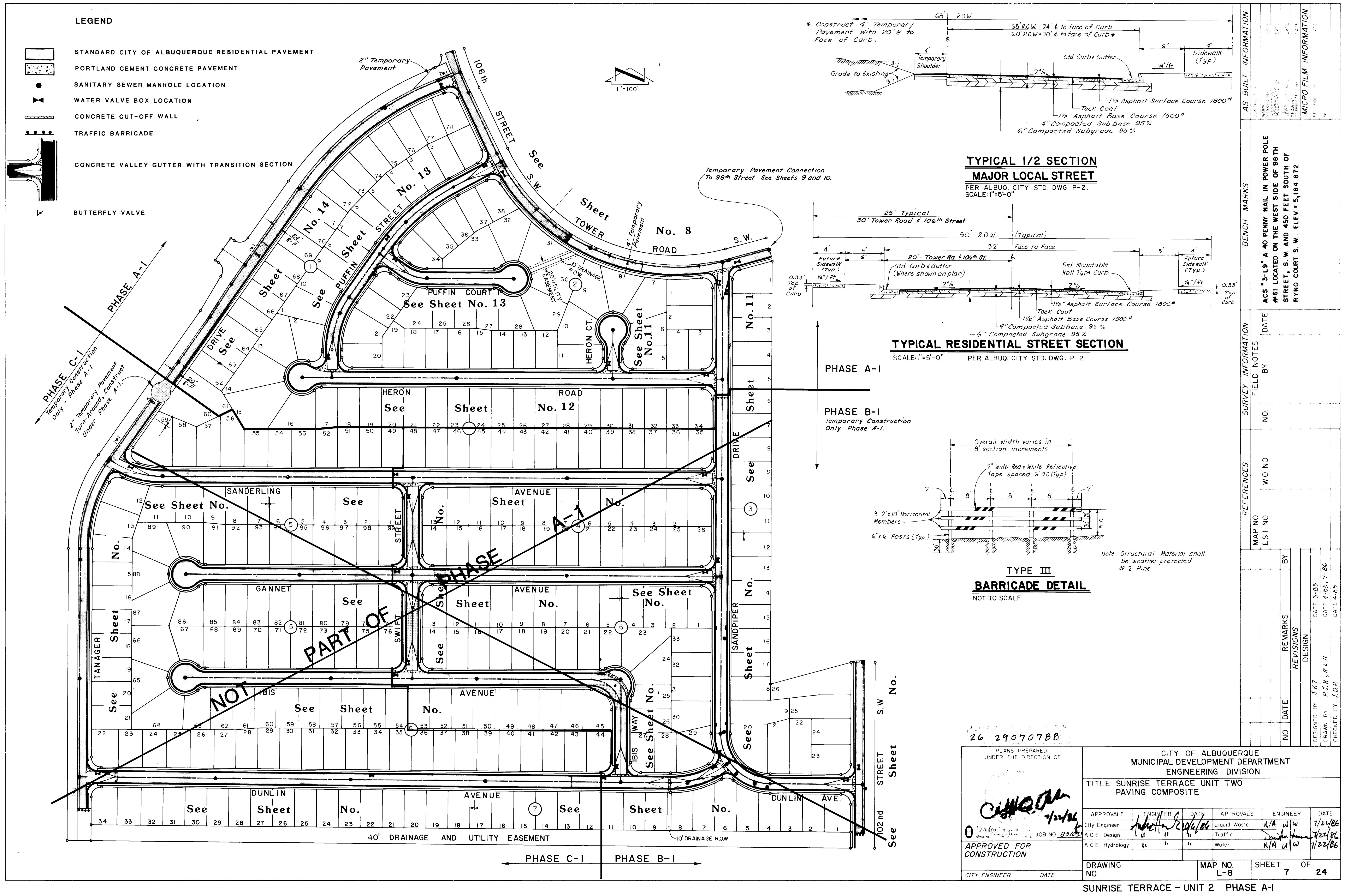
PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
TITLE SUNRISE TERRACE UNIT TWO PHASE A-I GRADING PLAN			
APPROVALS	ENGINEER	DATE	APPROVAL
CITY ENGINEER	1/1/86	7/2/86	LIQUID WASTE
A.C.E - Design		7/8/86	TRAFFIC
A.C.F - Hydrology		7/22/86	WATER
APPROVED FOR CONSTRUCTION		DESIGNED BY J.A.Z. DATE 7-25	
CITY ENGINEER		DRAWN BY C.A.S.-P.J.R. DATE 7-25	
DATE		CHECKED BY J.D.R. DATE 7-25	
DRAWING NO. 2907		MAP NO. L-8	
SHEET 4 OF 24			



ENGINEER'S SEAL						SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
						NO.	FIELD NOTES BY DATE	ACS "3-L9" A 40 PENNY NAIL IN POWER POLE #61 LOCATED ON THE WEST SIDE OF 98TH STREET, S.W. AND 450 FEET SOUTH OF RYNDO COURT S.W. ELEV. = 5,184.872		
						REMARKS	BY			
						<i>REVISIONS</i>				
						DESIGN				
						DESIGNED BY J.K.Z.	DATE 4-95			
						DRAWN BY L.A.H. - P.J.R.	DATE 4-95			
						CHECKED BY J.D.R.	DATE 4-95			
TERRACE DEPARTMENT DIVISION										
TWO PHASE A-I										
APPROVALS		ENGINEER		DATE						
Waste		N/A WJH		7/22/86						
		N/A WJH		7/19/86						
		N/A WJW		7/22/86						

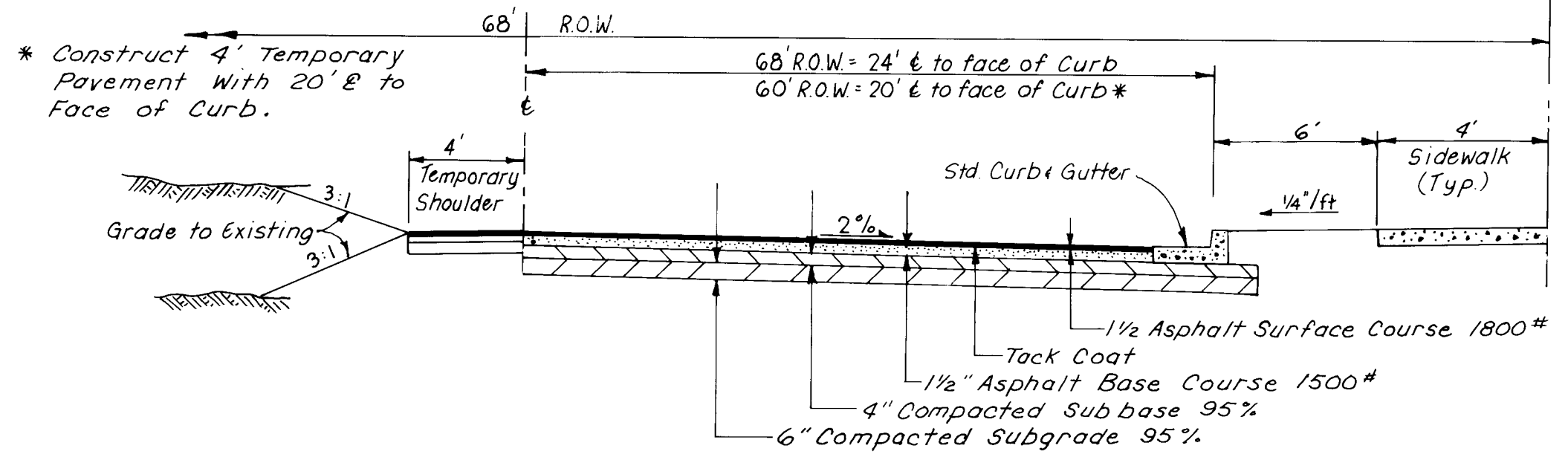
James F. Anderson
REGISTERED PROFESSIONAL ENGINEER
No. 1001
State of Michigan
7/19/86

SHEET 5 OF 24



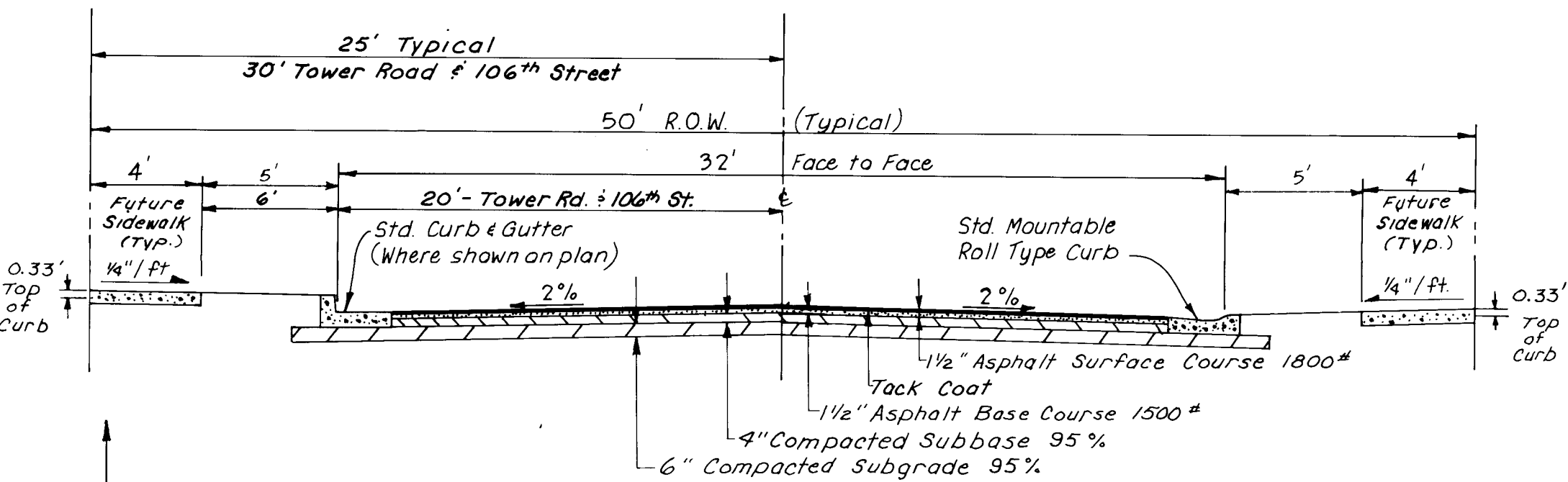
LEGEND

- STANDARD CITY OF ALBUQUERQUE RESIDENTIAL PAVEMENT
- PORTLAND CEMENT CONCRETE PAVEMENT
- SANITARY SEWER MANHOLE LOCATION
- WATER VALVE BOX LOCATION
- CONCRETE CUT-OFF WALL
- TRAFFIC BARRICADE
- CONCRETE VALLEY GUTTER WITH TRANSITION SECTION
- BUTTERFLY VALVE



TYPICAL 1/2 SECTION
MAJOR LOCAL STREET

PER ALBUQ. CITY STD. DWG. P-2.
SCALE: 1"=5'-0"

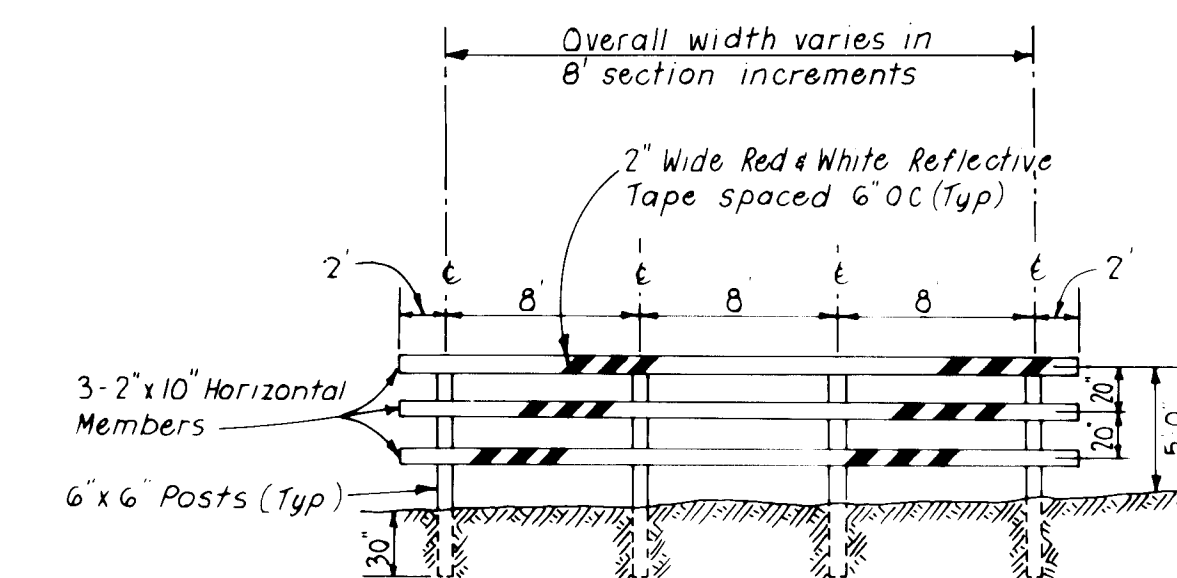


TYPICAL RESIDENTIAL STREET SECTION

SCALE: 1"=5'-0" PER ALBUQ. CITY STD. DWG. P-2.

PHASE A-1

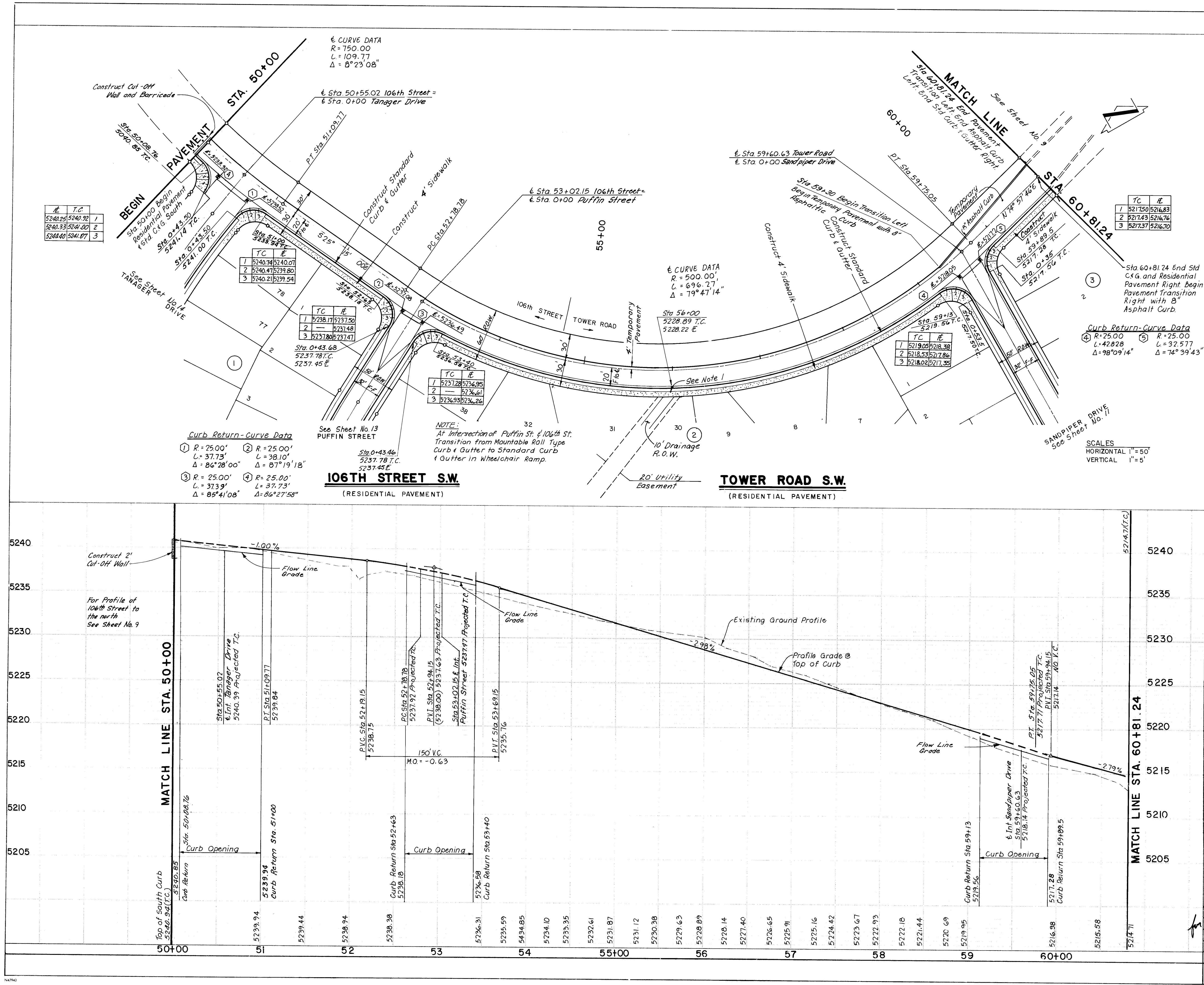
PHASE B-1
Temporary Construction
Only Phase A-1.



TYPE III
BARRICADE DETAIL
NOT TO SCALE

26 29070788

PLANS PREPARED UNDER THE DIRECTION OF						CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: SUNRISE TERRACE UNIT TWO PAVING COMPOSITE											
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE						
City Engineer			Liquid Waste	N/A	W/W	7/22/86					
A.C.E.-Design			Traffic			7/22/86					
A.C.E.-Hydrology			Water	N/A	W/W	7/22/86					
APPROVED FOR CONSTRUCTION											
CITY ENGINEER						DATE					
DRAWING NO.						MAP NO. L-8					
SHEET 7						OF 24					



NOTES:
1. For Drainage Channel Details see sheet 13A of 24.

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHA's field survey crew, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawings criteria as stated in the Manual of Style and Specifications for Engineering Drawings, Section 7.4 to the best of my knowledge and belief.

Dr. C. J. J. J.
Dennis A. Lorenz P.E. 6547
Date 7-17-88

RECORD DRAWING

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
DATE	BY	DATE	BY	NO	DATE	NO	DATE
7/22/86	EH4A	7/22/86	EH4A	26	29070888	26	29070888
ACCS "3-19" A 40 PENNY NAIL IN POWER POLE #61 LOCATED ON THE WEST SIDE OF 98TH STREET, S.W. AND 450 FEET SOUTH OF RYNO COURT S.W. ELEV. = 5,184.872				REVISIONS			
DESIGNED BY JDR				DATE 2.85			
DRAWN BY PJR				DATE 2.85			
CHECKED BY				DATE			
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION							
TITLE: PAVING PLAN & PROFILE 106th STREET S.W. - TOWER ROAD S.W.							
APPROVALS		ENGINEER		DATE		APPROVALS	
City Engineer		[Signature]		7/22/86		Liquid Waste	
ACE - Design		"		7/1/86		Traffic	
ACE - Hydrology		"		7/22/86		Water	
DRAWING NO. 2907		MAP NO. L-8		SHEET 8 OF 24		SUNRISE TERRACE - UNIT 2 PHASE A-1	

See Sheet No. 9

MATCH LINE STA. 20+85.90 Ahead =
STA. 65+80.05 Back

MATCH LINE STA. 20+85.90 Ahead = STA. 65+80.05 Back
End Standard Curb & Gutter Left
Begin Asphalt Curb Left

North Curb
5200.92(1)

(TEMPORARY PAVEMENT)

TOWER ROAD S. W.

(RESIDENTIAL PAVEMENT)

5199.16

5198.69

5197.57

5196.55

5195.52

5194.50

5193.48

5192.46

5191.44

5190.42

5189.40

5188.37

5187.35

5186.33

5185.31

5184.29

5183.81

5183.40

5183.05

5182.76

5182.54

5182.36

5205

5200

5195

5190

5185

5180

5175

-2.043%

Profile Grade @ Top of Curb

Existing Ground Profile

Sta. 24+96
End Temporary Pavement w/ Asphalt Curb
Begin Residential Pavement w/ Std. Curb & Gutter

PVI Sta. 29+00

PVI Sta. 29+75
(5182.76)

PVI Sta. 30+50

150' V.C.
M.O. = +0.29

-2.043%

-0.51%

-0.51%

Sta. 31+200 Pavement Return

Q Tower Road R.O.W.

2" ASPHALTIC CONCRETE
6" COMPACTED SUBGRADE

TYPICAL TEMPORARY SECTION
NOT TO SCALE

10' 20' 4' 2'
8" ASPHALT CURB
WHERE INDICATED
3:1 Max
2%
3:1 Max
2" ASPHALTIC CONCRETE SURFACE
6" COMPACTED SUBGRADE

*Construct 2' Shoulder where
Asphalt Curb is not indicated

Match Existing Pavement Grade

Sta. 31+47.58 TOWER ROAD S.W.

98th STREET
S.W.

Sta. 31+2.00, 20' Left
End Std. C & G with
2' Flare @ 5:1 Taper

Construct Standard
Curb & Gutter

Residential Pavement

N74°57'46"E

100' P.N.M. Easement

Exist. Power Pole

Existing Tandem Power Poles
To be relocated by P.N.M.

Sta. 26+80.4 Right
Begin Temporary
Pavement Right

Temporary Pavement

End Residential Type Pavement/
Begin Temporary Pavement with
8" Asphalt Curb, Left

Construct 8" Asphalt Curb

Sta. 24+96 End Temporary Pavement
with Asphalt Curb
Begin Residential Pavement with
Standard Curb & Gutter Left

RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHA's field survey crew, the Contractor and City Inspector. The modifications conform to the minimum requirements for record drawings criteria as required by the City of Albuquerque Development Process Manual, Section 2.4 to the best of my knowledge and belief.

Dennis A. Lorenz P.E. 9847

Date 7-11-08

SCALES:
HORIZONTAL 1"=50'
VERTICAL 1"=5'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

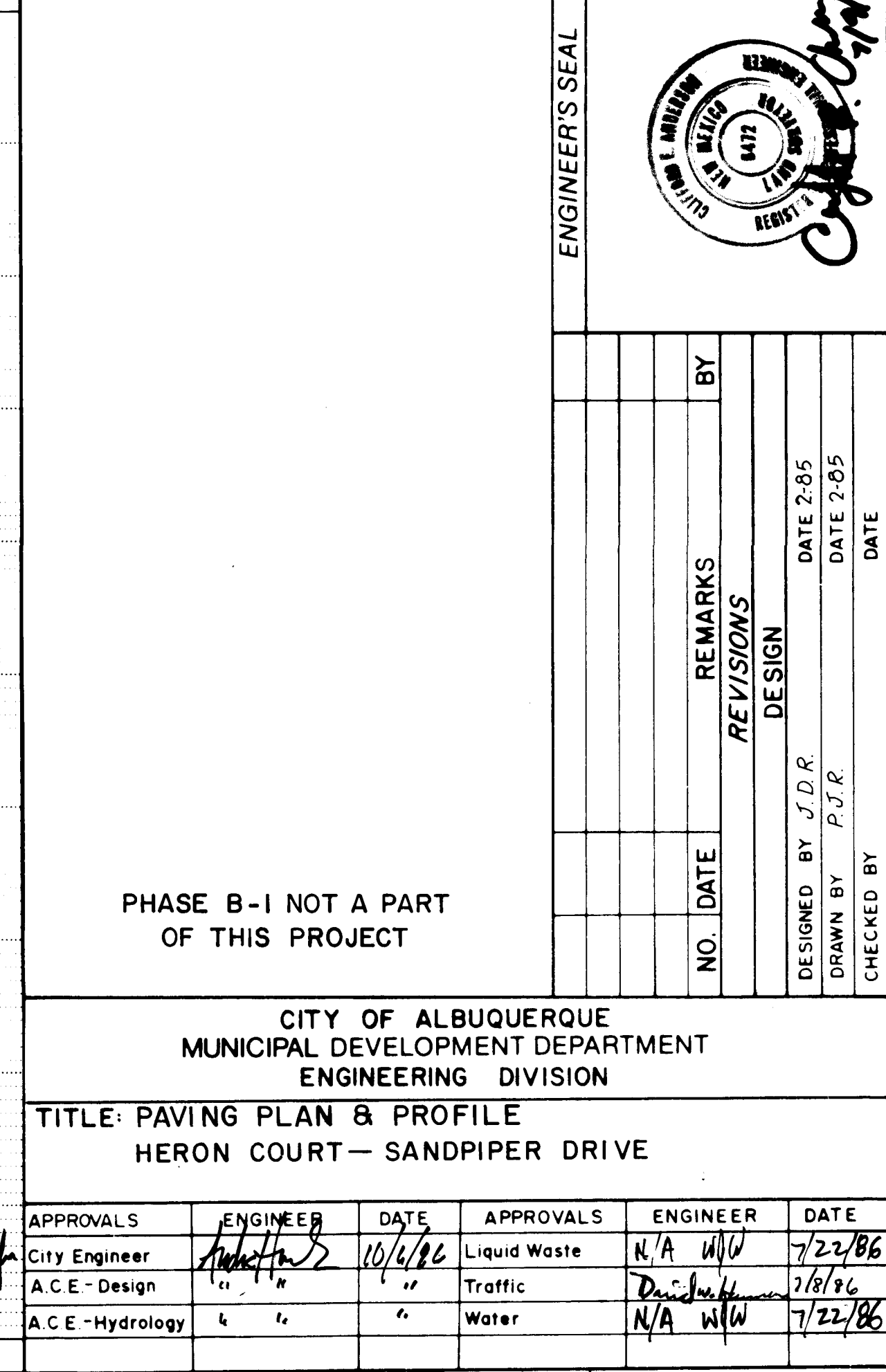
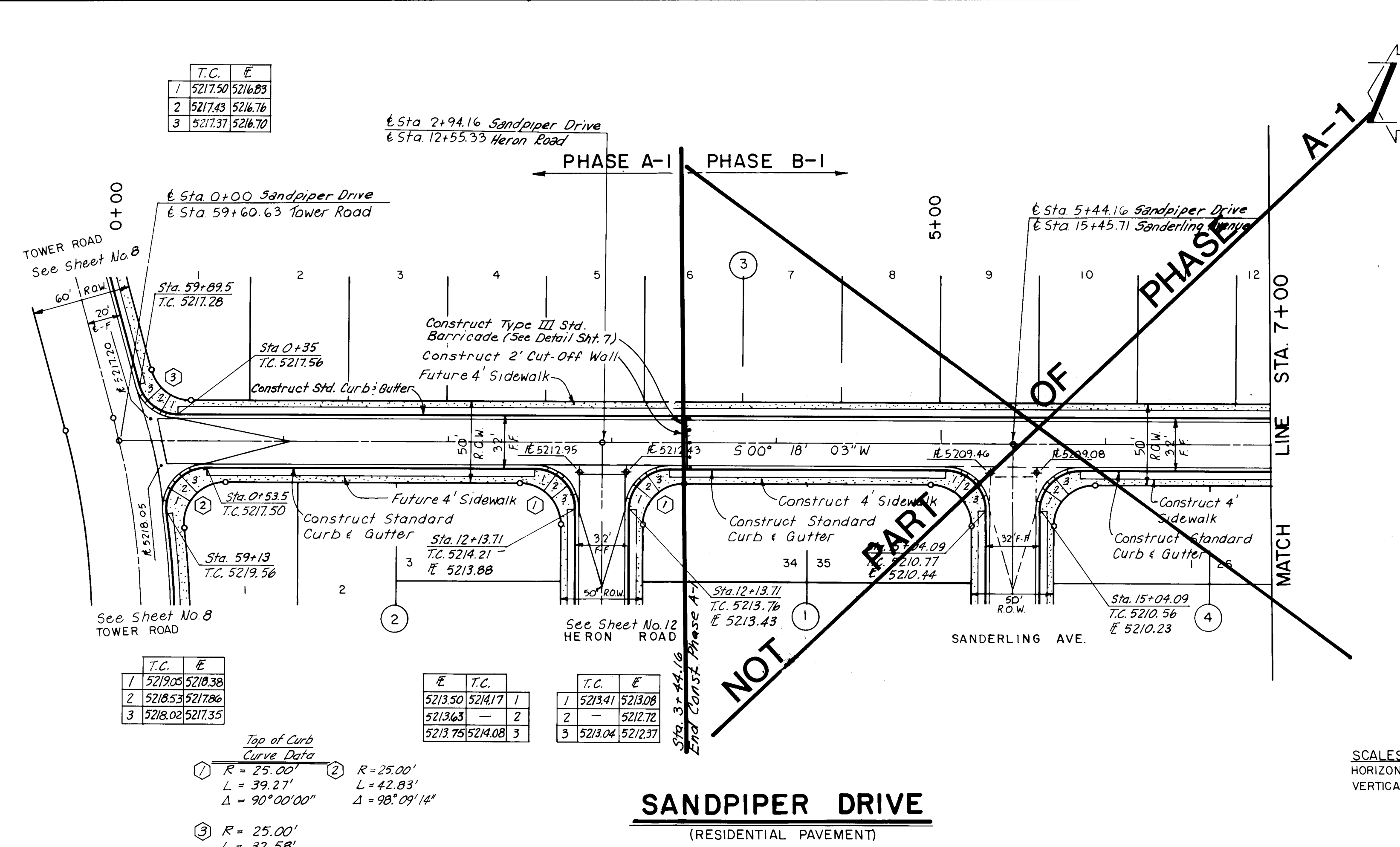
TITLE PAVING PLAN & PROFILE
TOWER ROAD S.W. (OFFSITE IMPROVEMENTS)

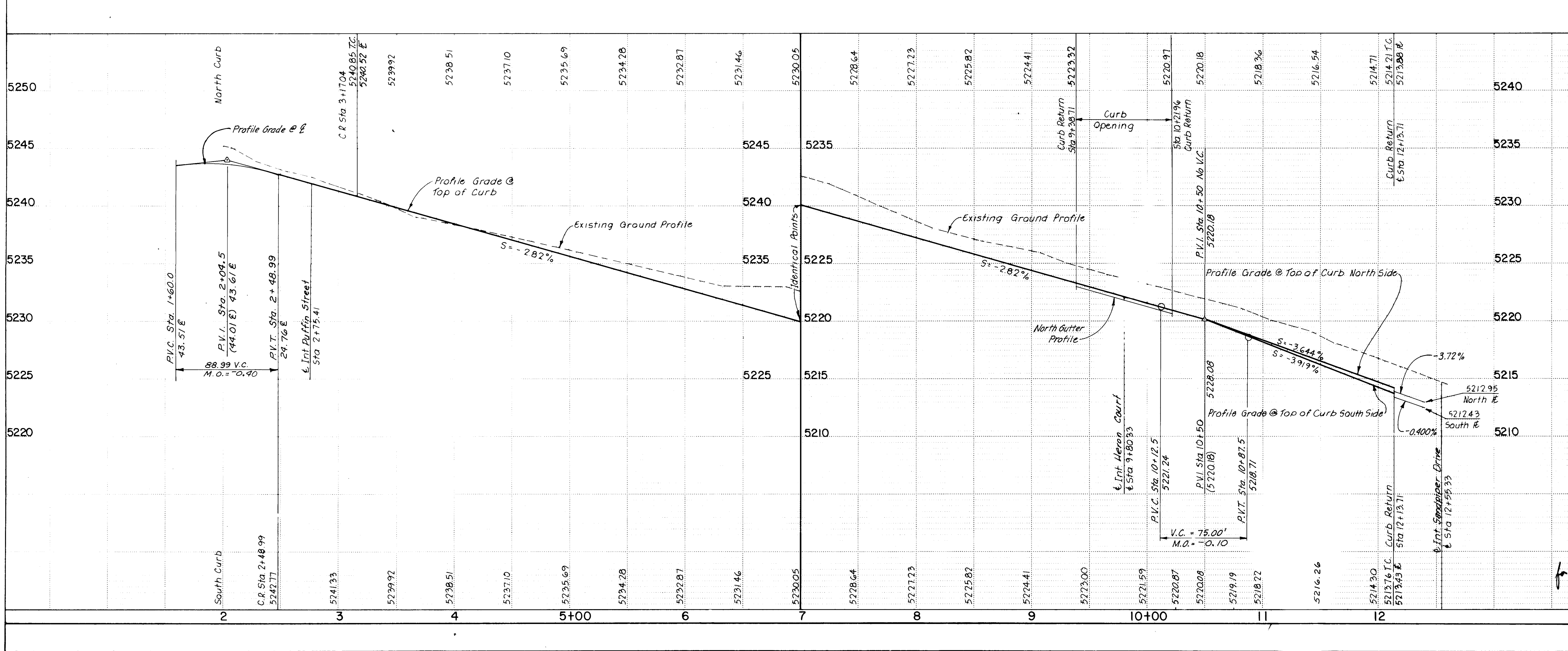
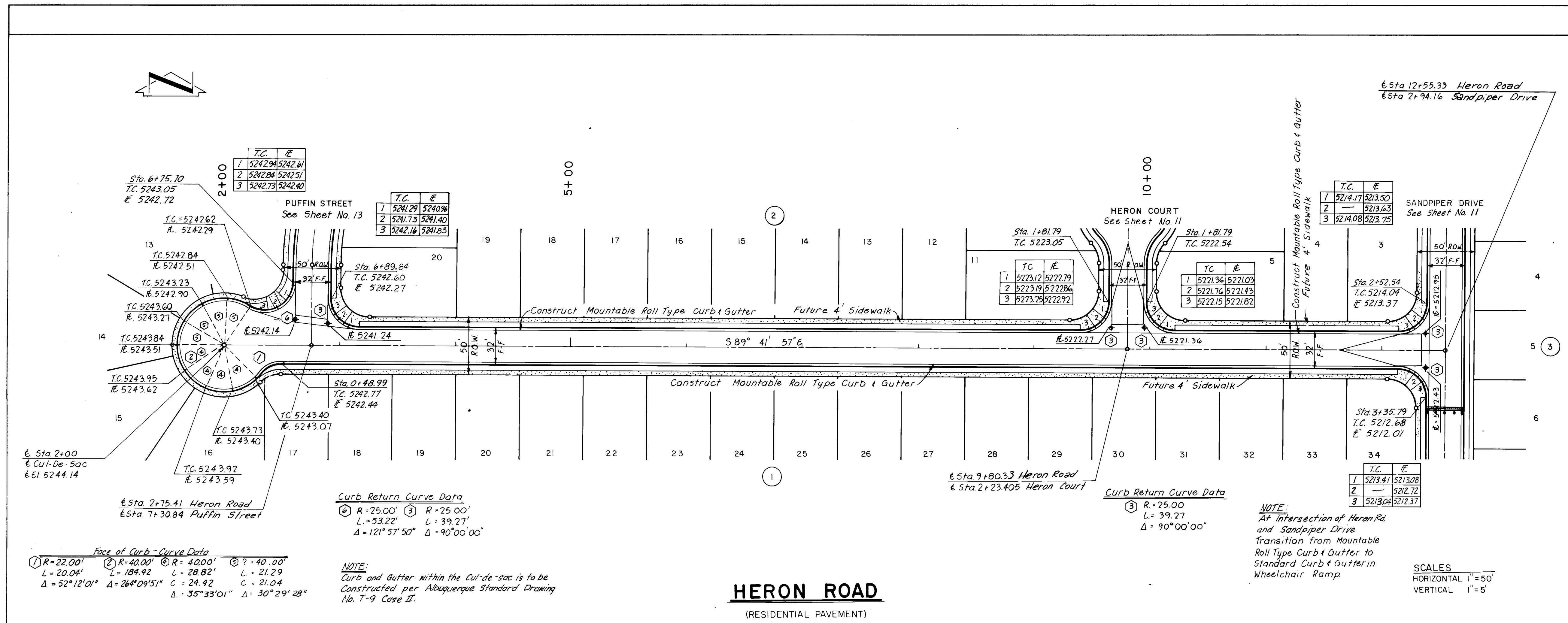
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	10/1/06	Liquid Waste	N/A NW	7/22/06
A.C.E. Design			Traffic	D. [Signature]	7/1/06
A.C.E. Hydrology			Water	N/A NW	7/22/06

DRAWING NO. 2907
MAP NO. L-8
SHEET 10 OF 24

Scanlon Job No 85103.1

SUNRISE TERRACE UNIT TWO PHASE A-1





Notes

1. Wheelchair ramps are to be constructed with this project.

RECORD DRAWING

AS BUILT INFORMATION

CONTRACTOR	DATE	BY
CONTRACTOR	DATE	BY

ENGINEER'S SEAL

APPROVALS

APPROVALS	ENGINEER	DATE
City Engineer	7/22/86	7/22/86
A.C.E. Design	7/22/86	7/22/86
A.C.E. Hydrology	7/22/86	7/22/86

DESIGNED BY J.D.R. **DATE** 7-85

DRAWN BY P.J.R. **DATE** 2-85

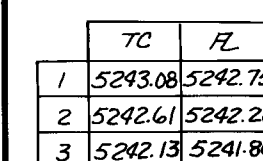
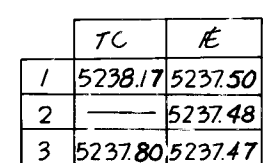
CHECKED BY **DATE**

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PAVING PLAN & PROFILE
HERON ROAD

DRAWING NO. 2907 **MAP NO. L-8** **SHEET 12 OF 24**

	TC	Æ
1	5237.28	5236.95
2	—	5236.61
3	5236.93	5236.26

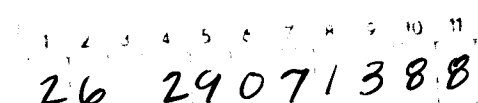


RECORD DRAWING

7-11-88

18 A. Lorenz P.E.

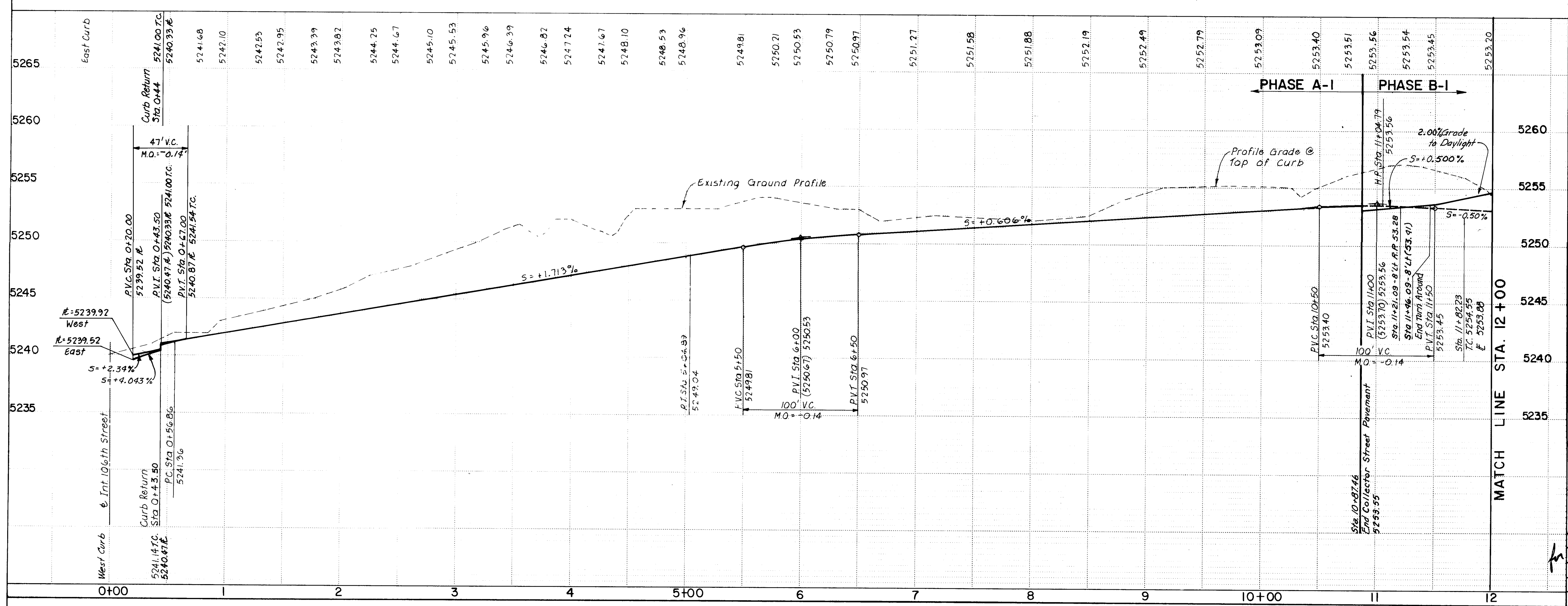
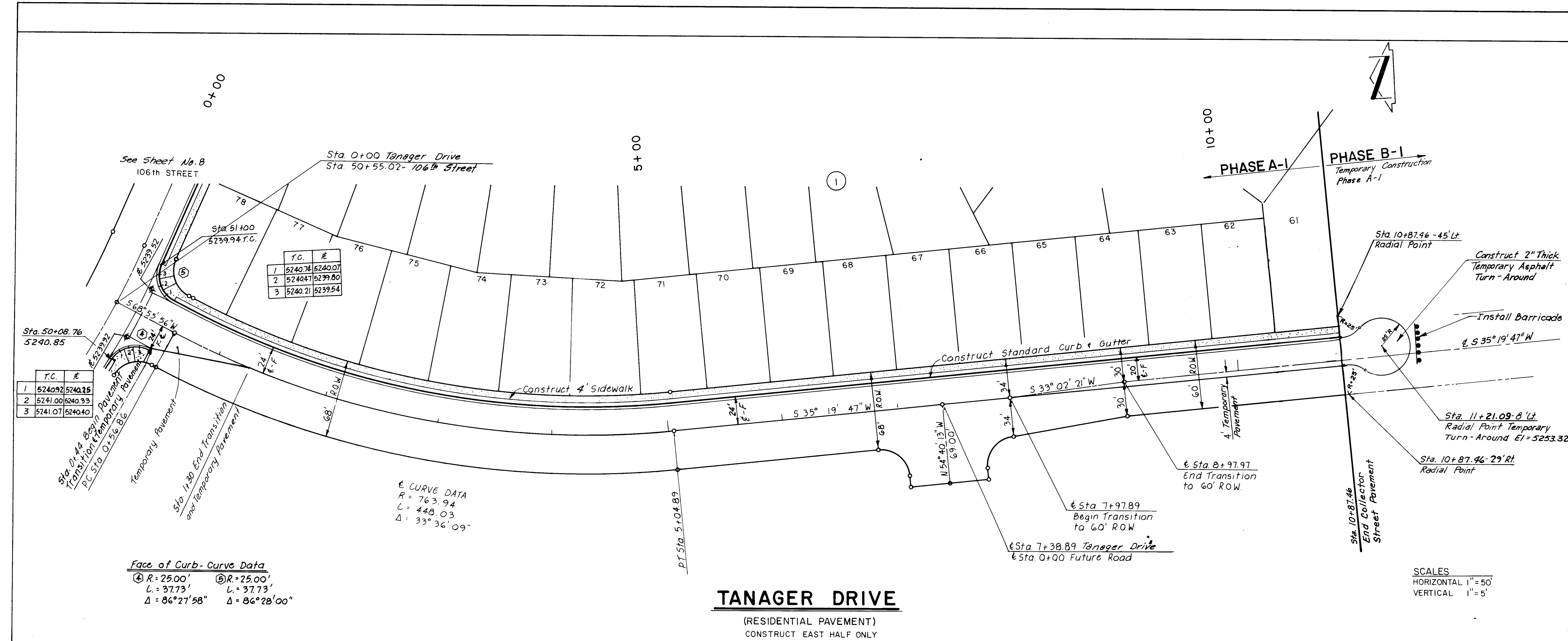
ACS "3-19" A 40 PENNY NAIL IN POWER POLE
#61 LOCATED ON THE WEST SIDE OF 98TH
STREET, S. W. AND 450 FEET SOUTH OF
RYNO COURT S. W. ELEV. = 5,184.872



Audie H. E. 10/6/66

N/A w/w 7/22/86
David W. H... 7/8/86
N/A w/w 7/22/86

SHEET 13 OF 24



RECORD DRAWING

This drawing as modified shows public improvements as constructed and measured. These modifications have been made using the field notes and measurements obtained by EHA's field survey crew. The Contractor shall be responsible for ensuring that the construction conforms to the minimum requirements for residential streets as set forth in the City of Albuquerque Engineering Department's Standard Specifications for Streets and Highways. The Engineer and the City of Albuquerque Engineering Department assume no responsibility for the best of my knowledge and belief.

Date: 7-11-88
Dennis A. Lorenz P.E.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	BY
CONTRACTOR	DATE	NO.	BY	NO.	BY	NO.	BY
INSPECTOR'S	DATE	NO.	BY	NO.	BY	NO.	BY
FIELD	DATE	NO.	BY	NO.	BY	NO.	BY
VERIFICATION BY EHA	DATE	NO.	BY	NO.	BY	NO.	BY
CORRECTED BY EHA	DATE	NO.	BY	NO.	BY	NO.	BY
MICRO-FILM INFORMATION	DATE	NO.	BY	NO.	BY	NO.	BY

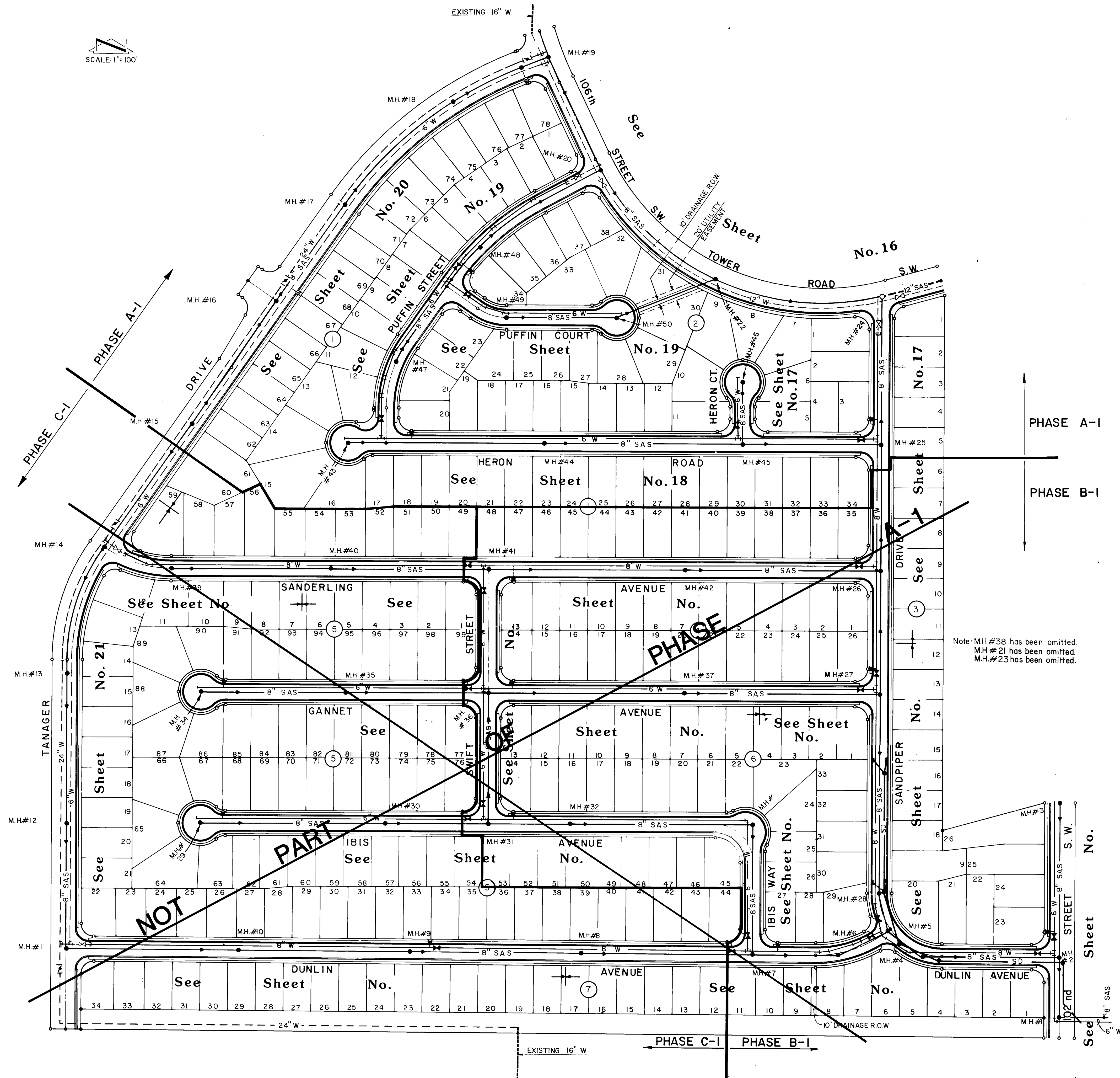
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: PAVING PLAN & PROFILE
TANAGER DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		7/22/86	Liquid Waste	N/A W/W	7/22/86
A.C.E. Design		7/22/86	Traffic	N/A W/W	7/22/86
A.C.E. Hydrology		7/22/86	Water	N/A W/W	7/22/86

DRAWING NO. 2907 MAP NO. L-8 SHEET 14 OF 24

SCALE: 1"=100'



Note: MH #38 has been omitted.
MH #21 has been omitted.
MH #23 has been omitted.

LEGEND

- 8" SAS - PROPOSED SANITARY SEWER
- 8" W - PROPOSED WATER LINE
- SD - PROPOSED STORM SEWER
- SD - PROPOSED DROP INLET
- PROPOSED MANHOLE
- PROPOSED GATE VALVE
- PROPOSED BUTTERFLY VALVE
- PROPOSED FIRE HYDRANT
- EXISTING 16" WATER LINE
- WATERLINE TO BE BUILT UNDER DIFFERENT CONTRACT
- GATE VALVE TO BE BUILT UNDER DIFFERENT CONTRACT

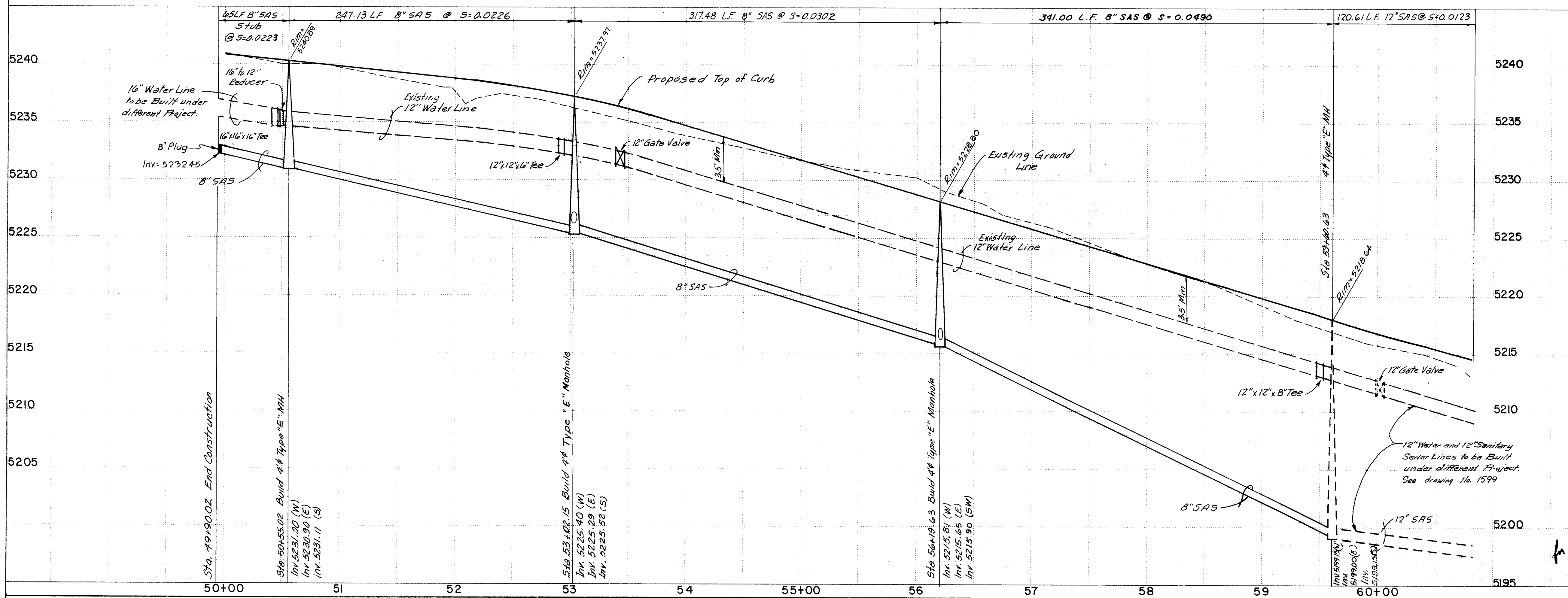
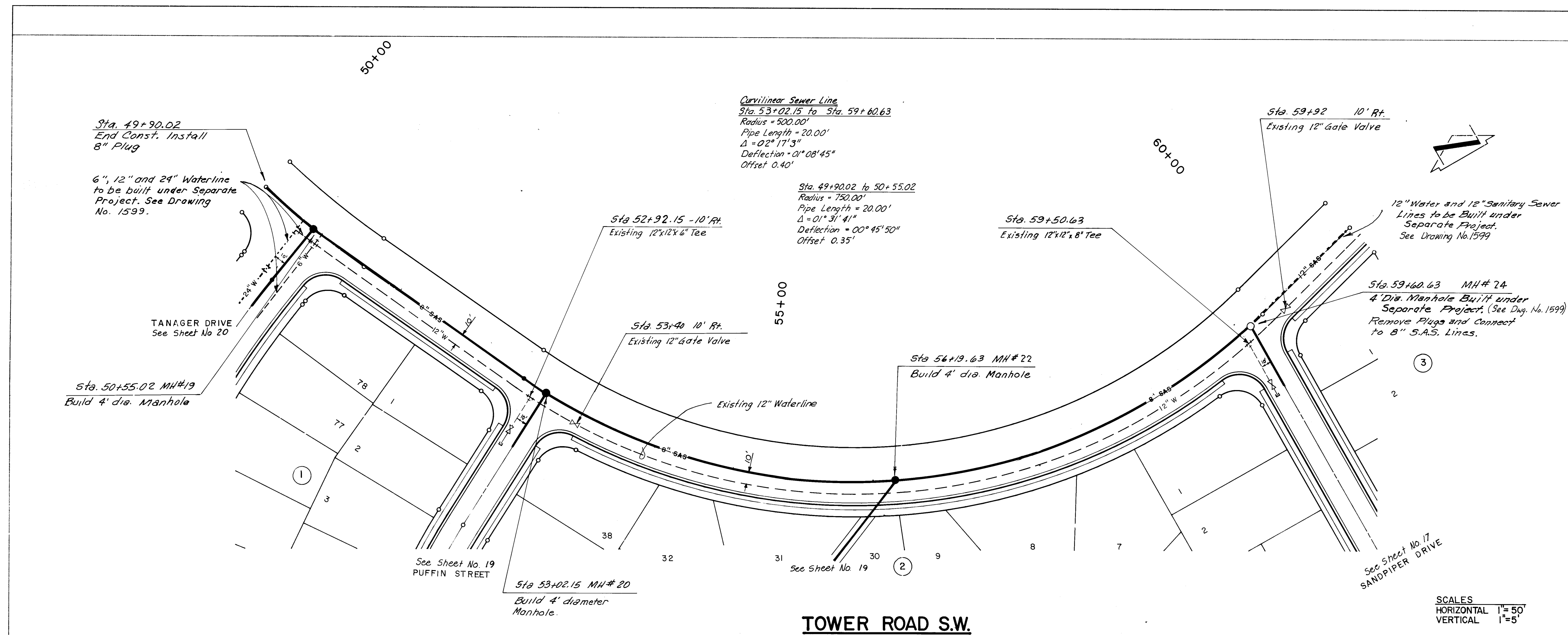
GENERAL NOTES - UTILITY SHEETS

- The Contractor shall furnish EMD's on all water and sewer service stubs, caps and plugs.
- Stationing on watermain refers to street centerlines. Stationing on sewer services refers to street centerlines Stations.
- Contractor shall field verify locations and elevations of all existing pipe and utilities prior to construction.
- Water - Services shall be 3/4" cts, SDR - 9 Polyethylene tubing, or 1" IPS, SDR 7 Polyethylene tubing in accordance with ASTM D-2737.
- All tees, bends and caps shall be blocked according to City of Albuquerque Standards.
- All water meter boxes shall be furnished with heavy duty vehicle-proof cover.
- Sewer Service stub locations and elevations shown on the following plan sheets shall be interpreted as occurring 2' beyond front property lines.
- All pipe shall be furnished with Class "C" bedding unless otherwise noted.
- In all locations where sewer mains exceed 13 feet in depth, sewer services shall be furnished with standard City of Albuquerque risers per City of Albuquerque standards.
- All water valves shall be equipped w/Type A Boxes or as otherwise noted.
- All sewer services shall be 4".
- All valves will be resilient seat gate valves.
- Fire Hydrants shall be 4" - 6" Bury.
- Maximum Joint Deflection on curvilinear water and sewer lines shall not exceed that ~~maximum allowable deflection~~ *maximum allowed by the DPM.*

26 29 07 15 88

PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
APPROVED FOR CONSTRUCTION		TITLE: SUNRISE TERRACE UNIT TWO PHASE A-I UTILITY COMPOSITE			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/1/01	Liquid Waste	<i>[Signature]</i>	7/22/06
A.C.E.-Design	<i>[Signature]</i>	7/1/01	Traffic	<i>[Signature]</i>	7/18/01
A.C.E.-Hydrology	<i>[Signature]</i>	7/1/01	Water	<i>[Signature]</i>	7/22/06
DRAWING NO. 2907		MAP NO. L-8		SHEET 15 OF 24	
CITY ENGINEER		DESIGNED BY A.O.		CHECKED BY J.D.R.	
DATE		DATE 3-05		DATE 4-05	
		DATE 4-05		DATE 4-05	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES	
CONTRACTOR	DATE	CONTRACTOR	DATE	FIELD NOTES	DATE	MAP NO.	EST. NO.
WORK BY	DATE	WORK BY	DATE	NO.	BY	W.O. NO.	BY
ACCEPTANCE BY	DATE	ACCEPTANCE BY	DATE				
VERIFICATION BY	DATE	VERIFICATION BY	DATE				
DRAWINGS	DATE	DRAWINGS	DATE				
COMPILED BY	DATE	COMPILED BY	DATE				
MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION		MICRO-FILM INFORMATION	
RECORDED BY	DATE	RECORDED BY	DATE	RECORDED BY	DATE	RECORDED BY	DATE
NO.		NO.		NO.		NO.	



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by EHA's field survey information and measurements. The modifications conform to the minimum standards and criteria for the City of Albuquerque. The City of Albuquerque is not responsible for any errors or omissions in this drawing. The City of Albuquerque is not responsible for any errors or omissions in this drawing.

Dennis A. Lorenz P.E. 7-11-88

Date

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
1	7/22/86	1	7/22/86	1	7/22/86	1	7/22/86
2	7/22/86	2	7/22/86	2	7/22/86	2	7/22/86
3	7/22/86	3	7/22/86	3	7/22/86	3	7/22/86
4	7/22/86	4	7/22/86	4	7/22/86	4	7/22/86
5	7/22/86	5	7/22/86	5	7/22/86	5	7/22/86
6	7/22/86	6	7/22/86	6	7/22/86	6	7/22/86
7	7/22/86	7	7/22/86	7	7/22/86	7	7/22/86
8	7/22/86	8	7/22/86	8	7/22/86	8	7/22/86
9	7/22/86	9	7/22/86	9	7/22/86	9	7/22/86
10	7/22/86	10	7/22/86	10	7/22/86	10	7/22/86
11	7/22/86	11	7/22/86	11	7/22/86	11	7/22/86
12	7/22/86	12	7/22/86	12	7/22/86	12	7/22/86

ACCS "3-19" A 40 PENNY NAIL IN POWER POLE
#61 LOCATED ON THE WEST SIDE OF 98TH
STREET, S.W. AND 450 FEET SOUTH OF
RYNO COURT S.W. ELEV. 5,184.872

ENGINEER'S SEAL

DESIGNED BY: A.O. DATE: 2-85
DRAWN BY: JDR - P.J.R. DATE: 3-85
CHECKED BY: JDR DATE: 4-85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: UTILITY PLAN & PROFILE
106th STREET S.W. - TOWER ROAD S.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	10/4/84	Liquid Waste	<i>[Signature]</i>	7/22/86
A.C.E. - Design	<i>[Signature]</i>	1/3/86	Traffic	<i>[Signature]</i>	7/22/86
A.C.E. - Hydrology	<i>[Signature]</i>	7/22/86	Water	<i>[Signature]</i>	7/22/86

DRAWING NO. **2907** MAP NO. L-8 SHEET 16 OF 24

SUNRISE TERRACE - UNIT 2 PHASE A-1

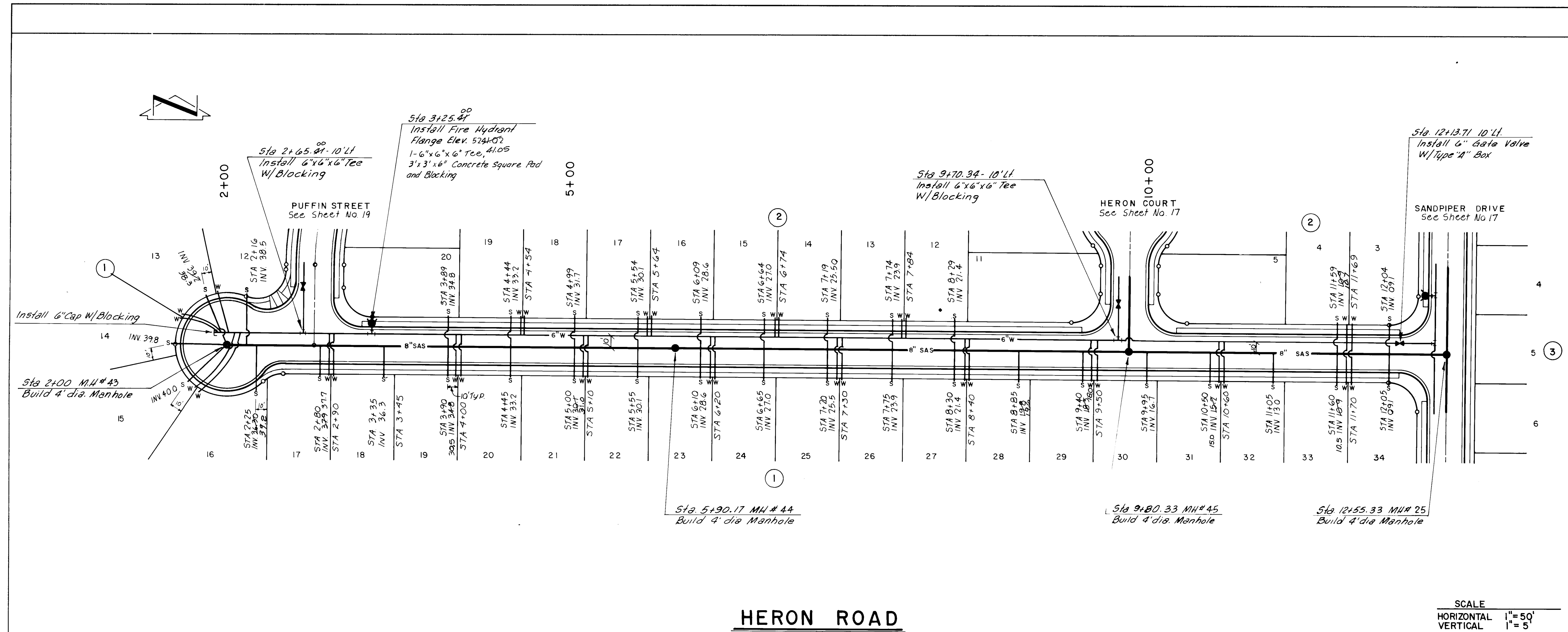
[illegible][illegible]

26 29071788

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION
TITLE: UTILITY PLAN & PROFILE HERON COURT - SANDPIPER DRIVE

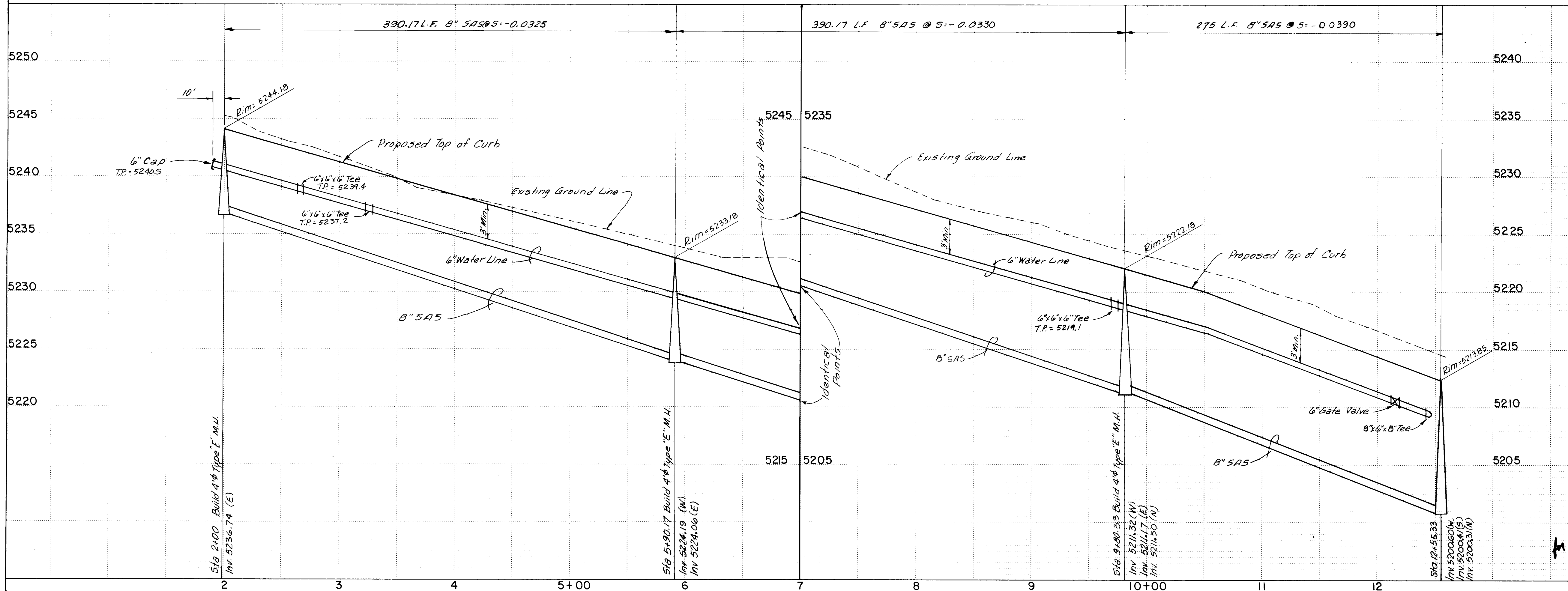
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	10/6/86	Liquid Waste	<i>[Signature]</i>	7/22/86
A C E - Design	"	"	Traffic	E. A. Powell	7/8/86
A C E - Hydrology	"	"	Water	<i>[Signature]</i>	7/22/86

DRAWING NO. 2907	MAP NO. L-8	SHEET 17 OF 24
SUNRISE TERRACE - UNIT 2 PHASE A-I		



HERON ROAD

SCALE
HORIZONTAL 1"=50'
VERTICAL 1"=5'

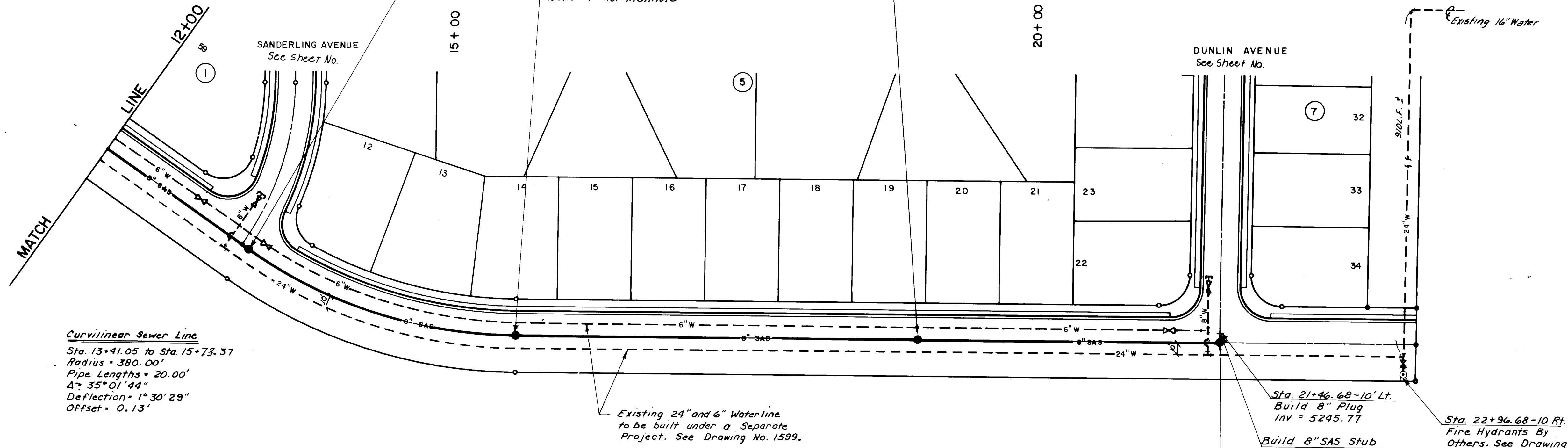


RECORD DRAWING
This drawing as modified shows public improvements as constructed. These modifications have been made using the field notes and measurements obtained by the field survey crew, the Contractor and the City Engineer. The modifications conform to the minimum requirements of the City Engineer. The City Engineer is not responsible for the accuracy of the field notes and measurements obtained by the field survey crew. The City Engineer is not responsible for the accuracy of the field notes and measurements obtained by the field survey crew. The City Engineer is not responsible for the accuracy of the field notes and measurements obtained by the field survey crew.

2-11-88
Dennis A. Lorenz P.E. 9547

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE	BY	CONTRACTOR	DATE	BY	NO.	BY	DATE			
INSPECTED BY	DATE	BY	INSPECTED BY	DATE	BY	NO.	BY	DATE			
FIELD CHECKED BY	DATE	BY	FIELD CHECKED BY	DATE	BY	NO.	BY	DATE			
VERIFIED BY	DATE	BY	VERIFIED BY	DATE	BY	NO.	BY	DATE			
CORRECTED BY	DATE	BY	CORRECTED BY	DATE	BY	NO.	BY	DATE			
RECORDED BY	DATE	BY	RECORDED BY	DATE	BY	NO.	BY	DATE			
NO.	DATE	BY	NO.	DATE	BY	NO.	BY	DATE			
NO.	DATE	BY	NO.	DATE	BY	NO.	BY	DATE			

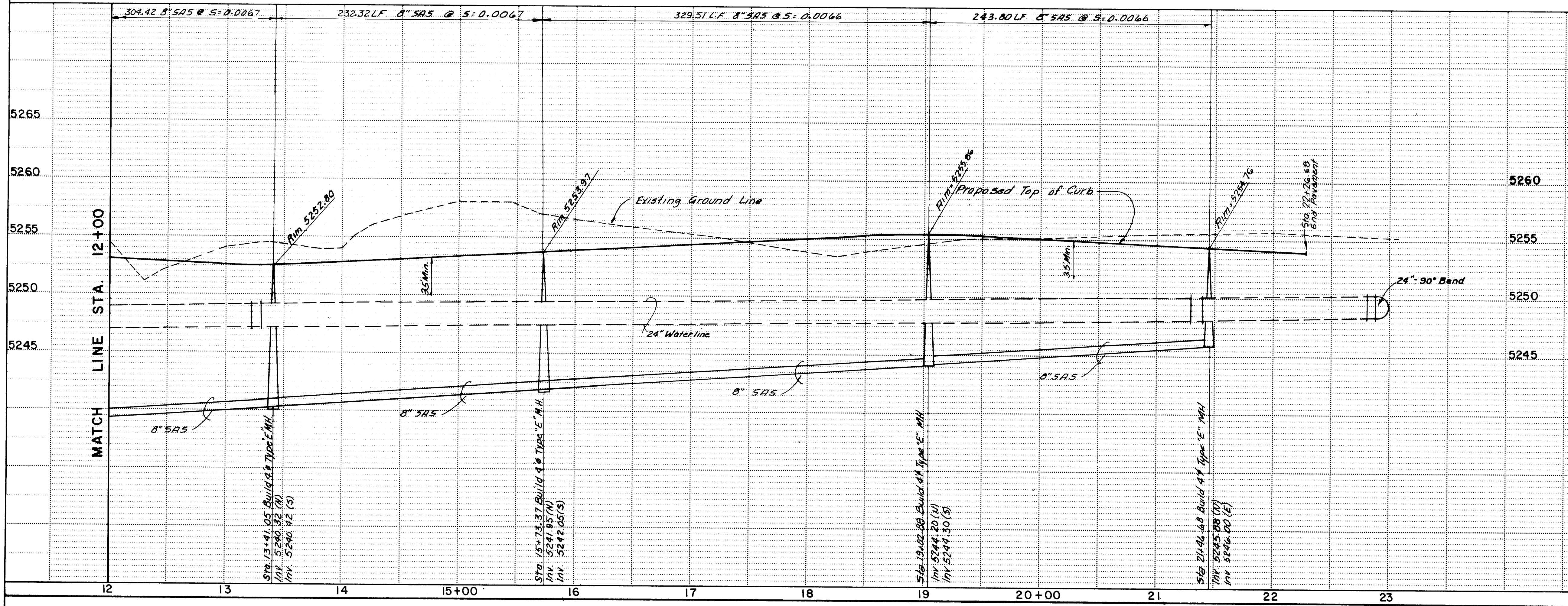
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: UTILITY PLAN & PROFILE HERON ROAD					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		10/6/86	Liquid Waste		7/22/86
A.C.E. - Design		"	Traffic		7/19/86
A.C.E. - Hydrology		"	Water		7/22/86
DRAWING NO. 2907					
MAP NO. L-8					
SHEET 18 OF 24					
SUNRISE TERRACE-UNIT 2 PHASE A-I					



UNPLATTED
TANAGER DRIVE

SCALE
HORIZONTAL 1" = 50'
VERTICAL 1" = 5'

RECORD DRAWING
This drawing as modified shows public improvements as constructed. These modifications were made using information and measurements obtained by EHA's field surveyors and City Inspectors. The modifications conform to the City Engineer's Office record drawing criteria as required by the City Engineer's Office. No. 1599.
Dennis A. Lorenz P.E. 967
Date 7-11-88

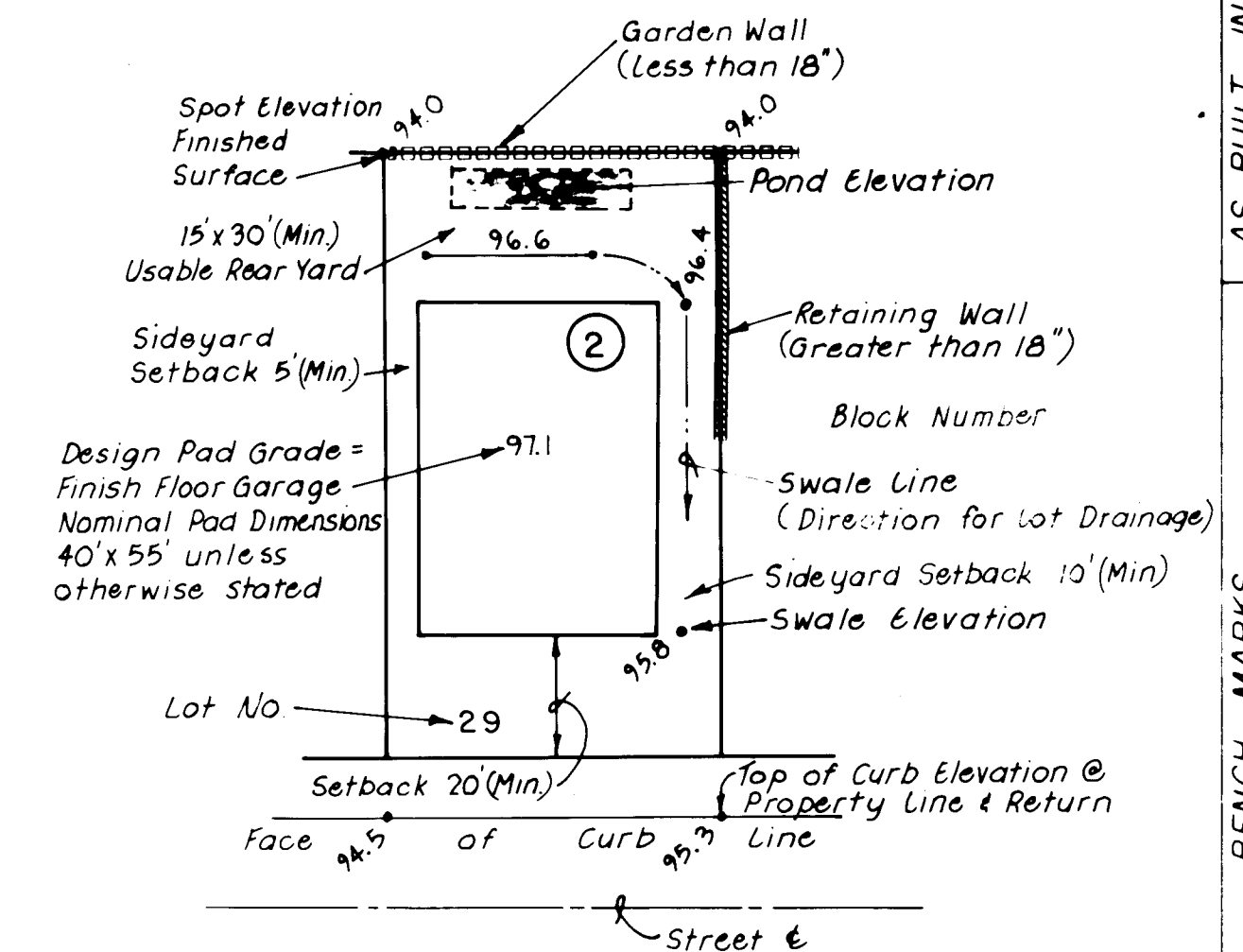


26 29072188

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: UTILITY PLAN & PROFILE TANAGER DRIVE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/22/86	Liquid Waste	<i>[Signature]</i>	7/22/86
A.C.E.-Design	"	"	Traffic	<i>[Signature]</i>	7/22/86
A.C.E.-Hydrology	"	"	Water	<i>[Signature]</i>	7/22/86
DRAWING NO. 2907		MAP NO. L-8		SHEET 21 OF 24	
SUNRISE TERRACE - UNIT 2					

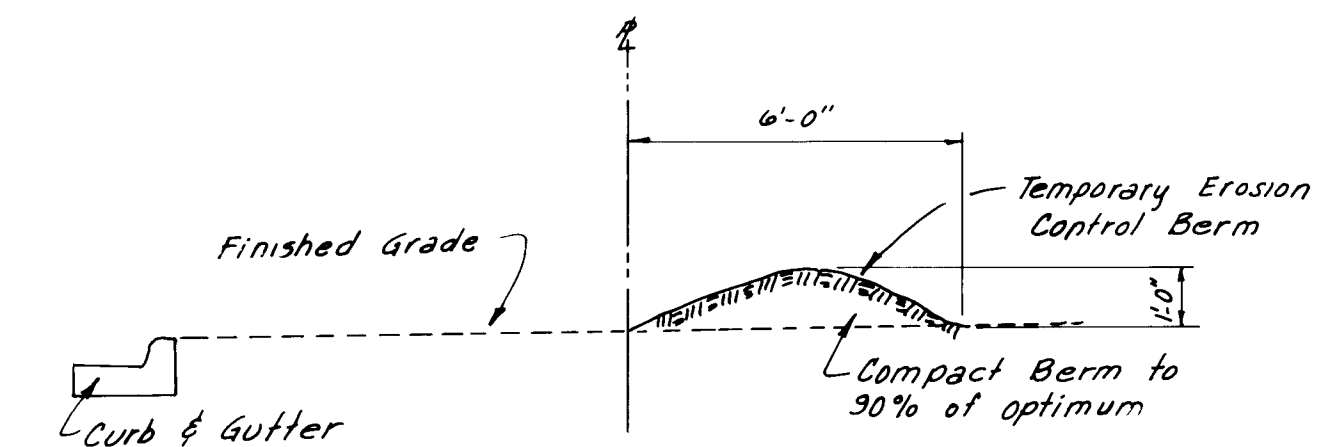
ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES		NO.		CONTRACTOR	
		BY		DATE		CEN	
REVISIONS		NO.		DATE		INSPECTOR	
DESIGN		BY		DATE		DATE	
DESIGNED BY A.O.		DATE 7-25		DATE 7-25		DATE 7-25	
DRAWN BY JDR-PJR		DATE 7-25		DATE 7-25		DATE 7-25	
CHECKED BY JDR		DATE 7-25		DATE 7-25		DATE 7-25	
MICRO-FILM INFORMATION		RECORDED BY		DATE		NO.	

- 1- Construct Multiple Sidewalk Culverts Using 2-24" wide culverts. For details See Albuquerque Standard Detail Drawing K-16
- 2- Construct 9.50' bottom width Concrete Channel w/ bottom slope @ 1.62 % See Albuquerque Standard Drawing K-23 Type "A"



Scale: 1" = 30'

Note: Existing Ground Contour Interval = one Foot



NOT TO SCALE



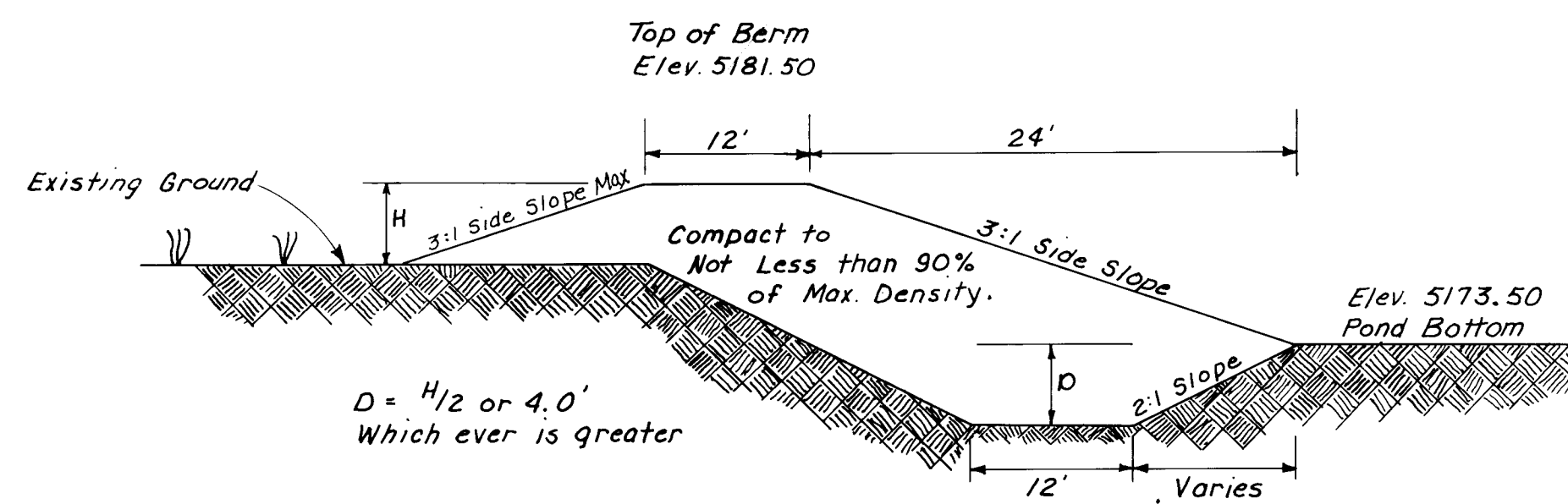
PHASE B-1
NOT PART OF
THIS PROJECT

REFERENCES				SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
MAP NO		W/O NO		NO		ACS "3-L9" A 40 PENNY NAIL IN POWER POLE #61 LOCATED ON THE WEST SIDE OF 98TH STREET, S.W. AND 450 FEET SOUTH OF RYNO COURT S.W.. ELEV.= 5,184.872	DATE	
EST NO				BY				
NO	DATE	REMARKS	BY					
REVISIONS								
DESIGN								
SECTION	JAN	DATE	7-95					
DRAWN BY	S.A. FUR	DATE	7-95					
CHECKED BY	GDR	DATE	7-95					
MICRO-FILM INFORMATION								
DATE								

		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION									
0		TITLE SUNRISE TERRACE UNIT TWO PHASE A-I EROSION CONTROL PLAN									
APPROVED FOR CONSTRUCTION		<table border="1"> <tr> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> </tr> <tr> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> <td> City Engineer <i>[Signature]</i> 10/6/86 </td> </tr> </table>		City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86
City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86								
City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86	City Engineer <i>[Signature]</i> 10/6/86								
DRAWING NO. 2907		MAP NO. L-8									
SHEET 22 OF 24		SHEET 22 OF 24									



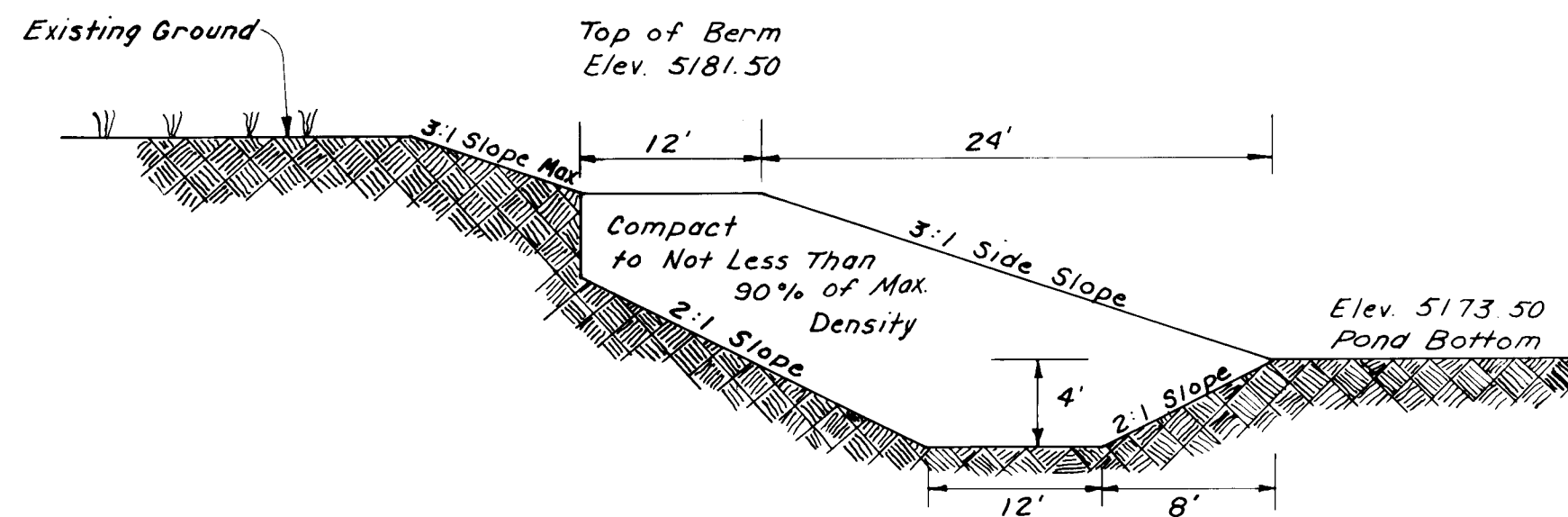
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE SUNRISE TERRACE UNIT TWO PHASE A-I EROSION CONTROL PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	<i>1/4/06</i>	Liquid Waste	N/A <i>W/W</i>	<i>7/22/06</i>
A C E - Design	" "	" "	Traffic	N/A <i>D/H</i>	<i>7/18/06</i>
A C E - Hydrology	" "	" "	Water	N/A <i>W/W</i>	<i>7/22/06</i>
DRAWING NO. 2907		MAP NO. L-8		SHEET 23 OF 24	



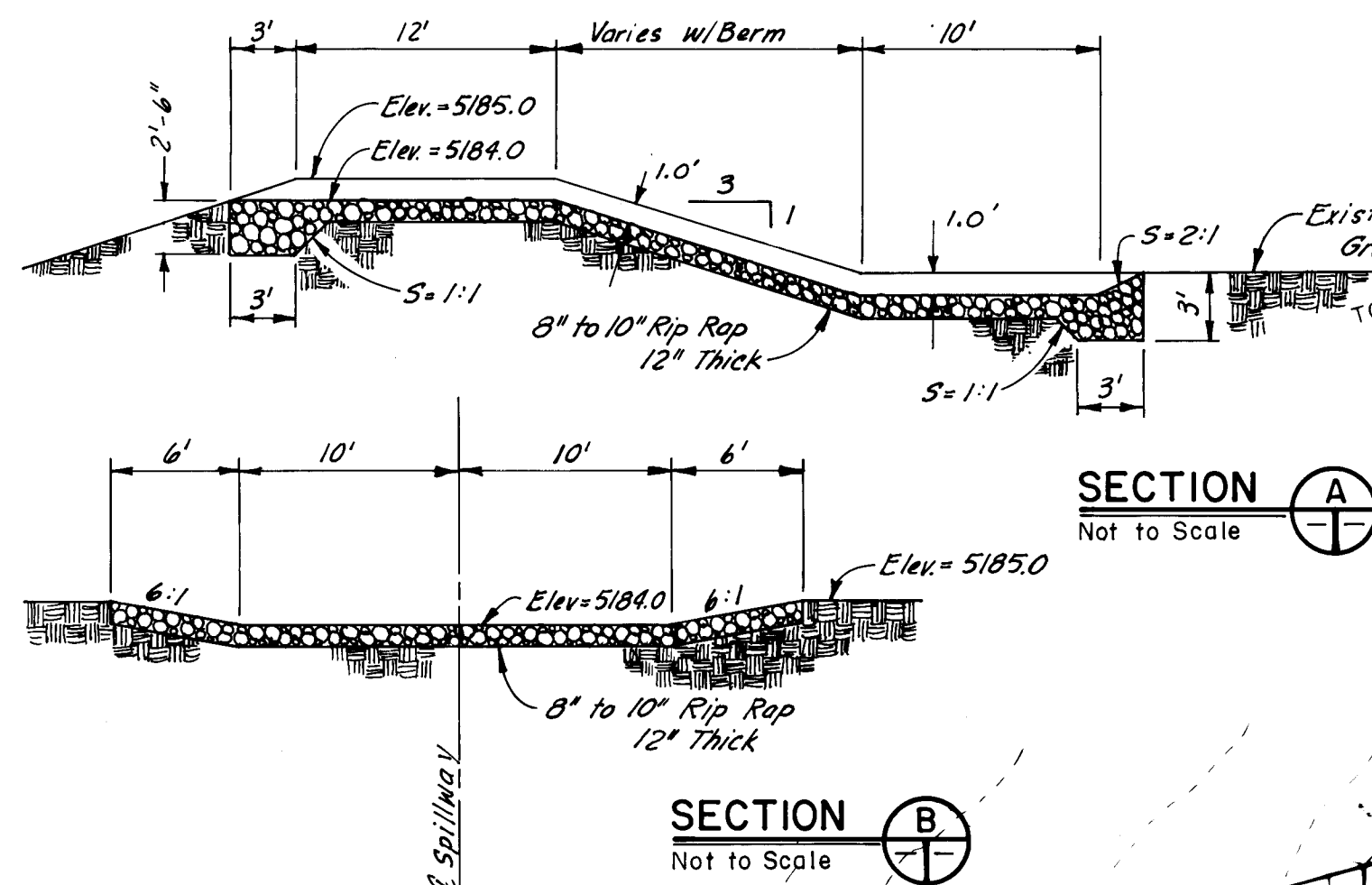
Existing Ground Lower Than Top of Berm

TYPICAL CROSS SECTIONS INFILTRATION POND BERMS

Not to Scale

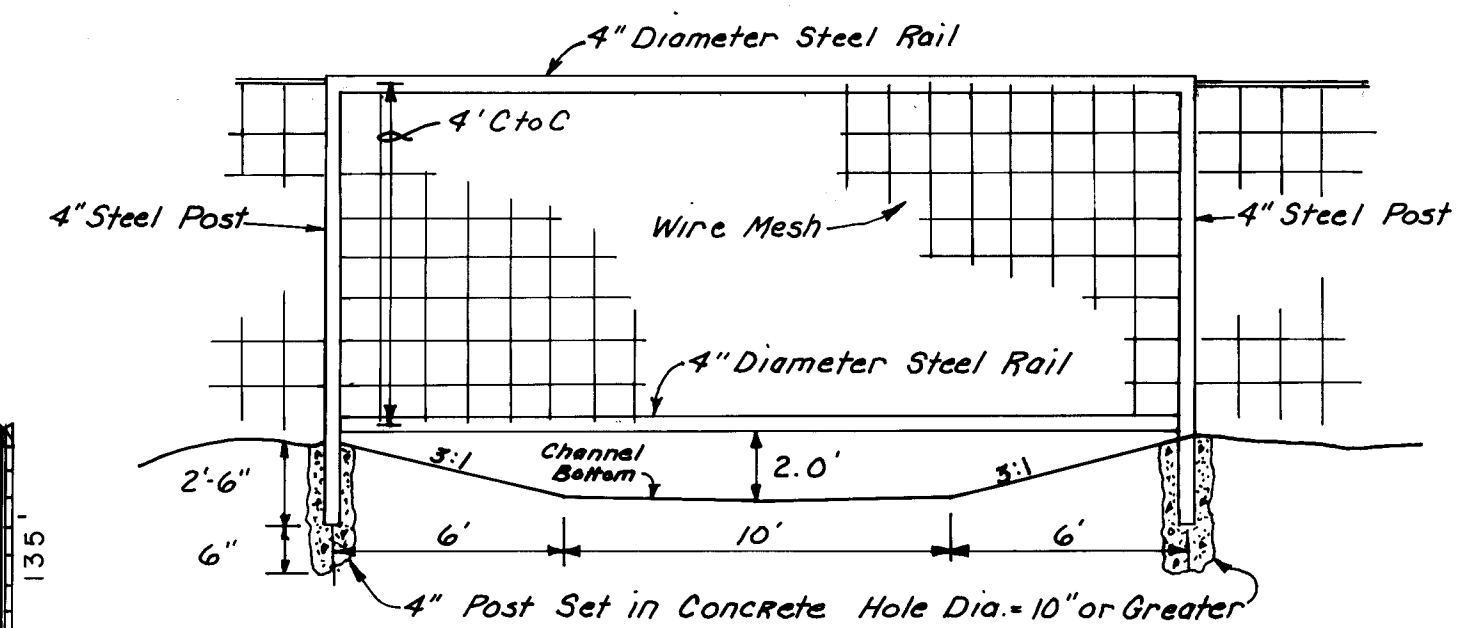
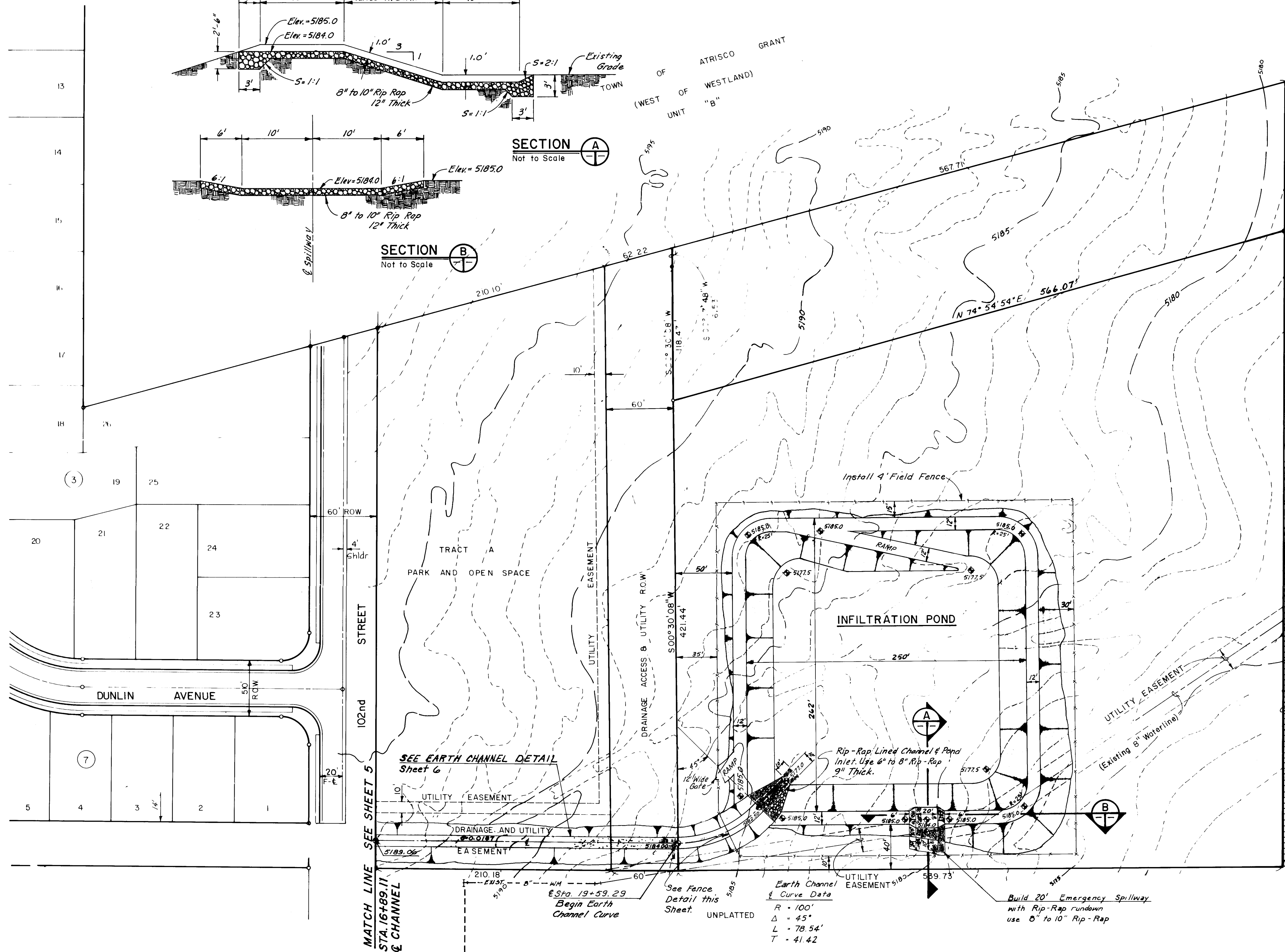


Existing Ground Higher Than Top of Berm



SECTION A
Not to Scale

SECTION B
Not to Scale

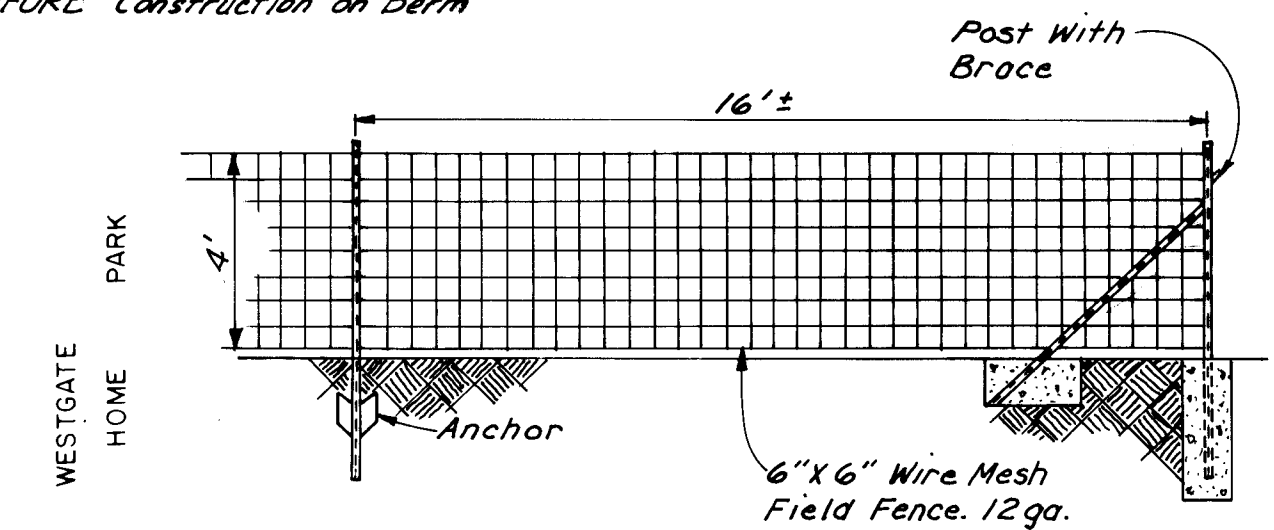


FENCE OVER CHANNEL DETAIL
Not to Scale

NOTES:

Side Slopes on Outside of Pond will be 3:1 MAX.

Contractor Shall Verify the Location and Elevation of Existing 8\"/>



FIELD FENCE DETAIL
Scale: 1\"/>

POND INFLOW DATA

100 yr. 6 hr. Storm
Q = 10.20 c.f.s.
Vol. = 3.32 ac. ft.
Pond Depth = 3.32 ft.

100 yr. 24 hr. Storm
Vol. = 4.90 ac. ft.
Pond Depth = 4.70 ft.
Free Board = 2.0 ft.

Total Pond Volume = 7.41 ac. ft.

1 2 3 4 5 6 7 8 9 10 11 12
26 29 07 24 88

PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
TITLE SUNRISE TERRACE UNIT TWO PHASE A-I INFILTRATION POND DETAILS			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>[Signature]</i>	10/6/86	Liquid Waste
A.C.E. - Design	II	II	Traffic
A.C.E. - Hydrology	II	II	Water
DRAWING NO. 2907		MAP NO. L-8, L-9	SHEET 24 OF 24