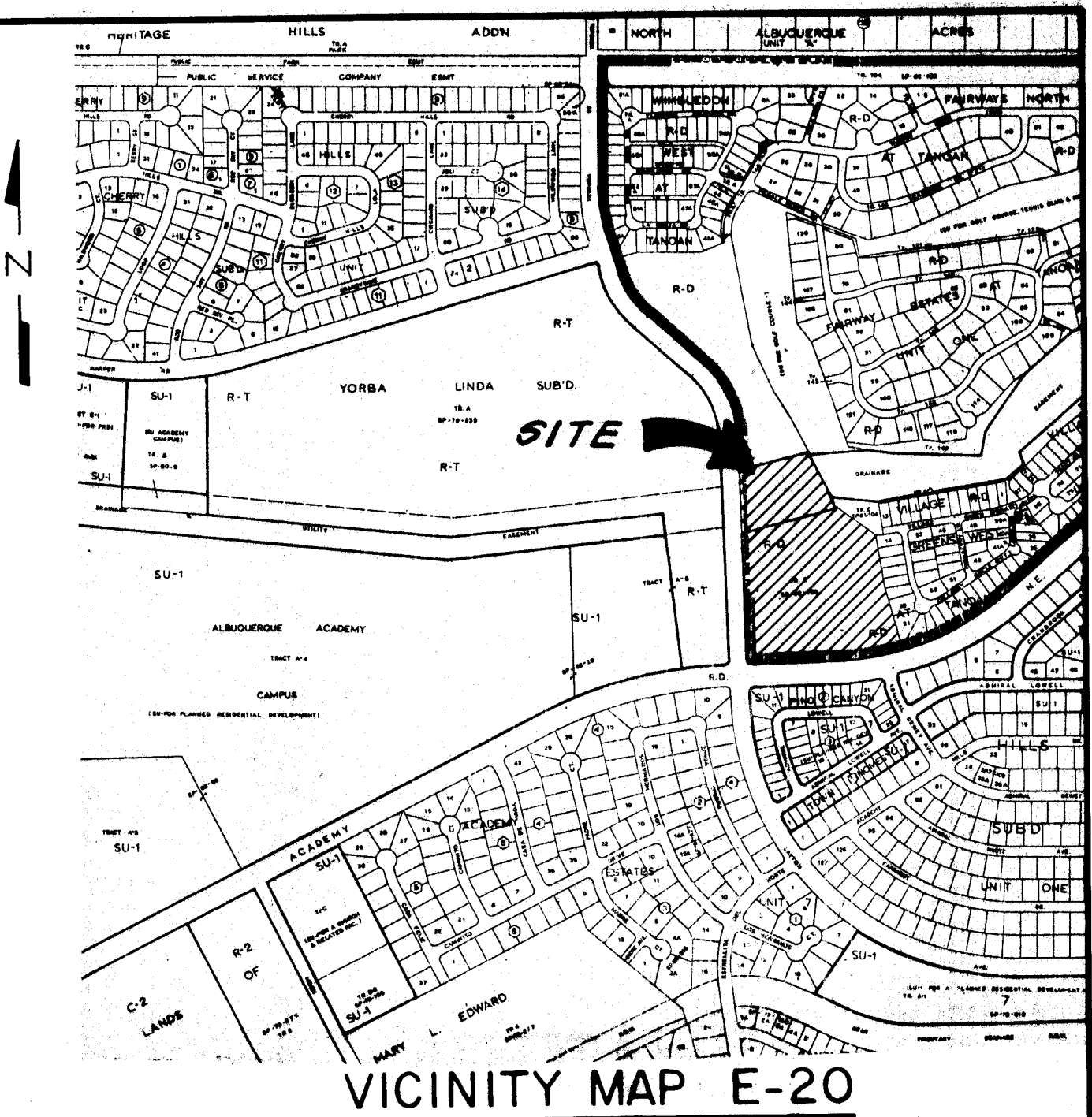


IMPROVEMENT PLANS

TORREY PINES AT TANOAN

CITY OF ALBUQUERQUE
NEW MEXICO



VICINITY MAP E-20

INDEX

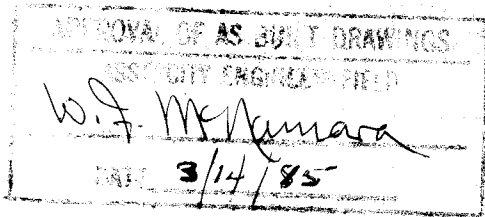
COVER SHEET	1
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SEE NOTE 11

GENERAL NOTES

1. New Mexico Standard Specifications for Public Works Construction 1979 Edition, will be referred to hereon as the "Standard Specifications".
2. 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 "Contract Documents for Public Works Contract No. 84-1".
3. Where a water line passes beneath or less than 18" above an existing sewer line, the sewer line shall be encased in concrete 6" thick for at least 10' on each side of the water line. This shall also apply where a parallel water line is less than 10' horizontally and less than 2' above the sewer.
4. Two working days prior to any excavation, contractor must contact Line Locating Service, 766-1234, for location of existing lines.
5. Prior to construction, the contractor shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer or surveyor so that the conflict can be resolved with a minimum amount of delay.
6. All utilities and utility service lines shall be installed prior to paving.
7. Backfill compaction shall be as shown on typical section.
8. Tack coat requirements shall be determined by the City Engineer.
9. All storm drainage facilities shall be completed prior to final acceptance.
10. The improvements for Layton Avenue in SAD-205 will be constructed after Project 1851. Any reference in this plan set to existing facilities on Layton Avenue, should be taken to mean Future Construction.
11. ALL STREETS ARE PRIVATE; PAVING IMPROVEMENTS ARE NOT PART OF THE AHBA CONTRACT.

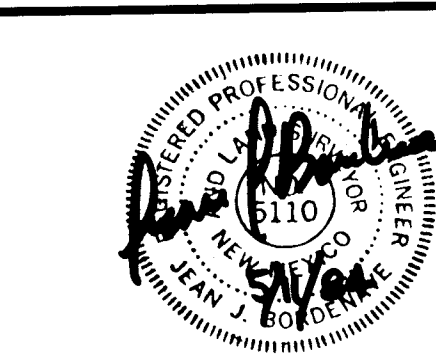
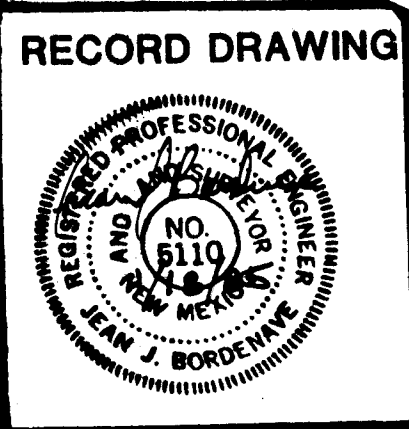
26 2095 0185



26 2095 0185

REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
1	19								
2	15-16								

APPROVAL OF REVISIONS



DMJM/Adam, Hamlyn, Anderson
Suite A
4055 Montgomery Boulevard N.E.
Albuquerque, New Mexico 87109
Telephone: 505/881-1808

Planning
Engineering
Systems
Economics

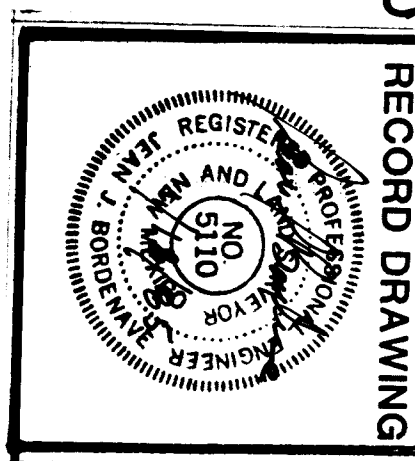
APPROVED FOR
CONSTRUCTION

C.E.

2095

SHEET 1 OF 21

22

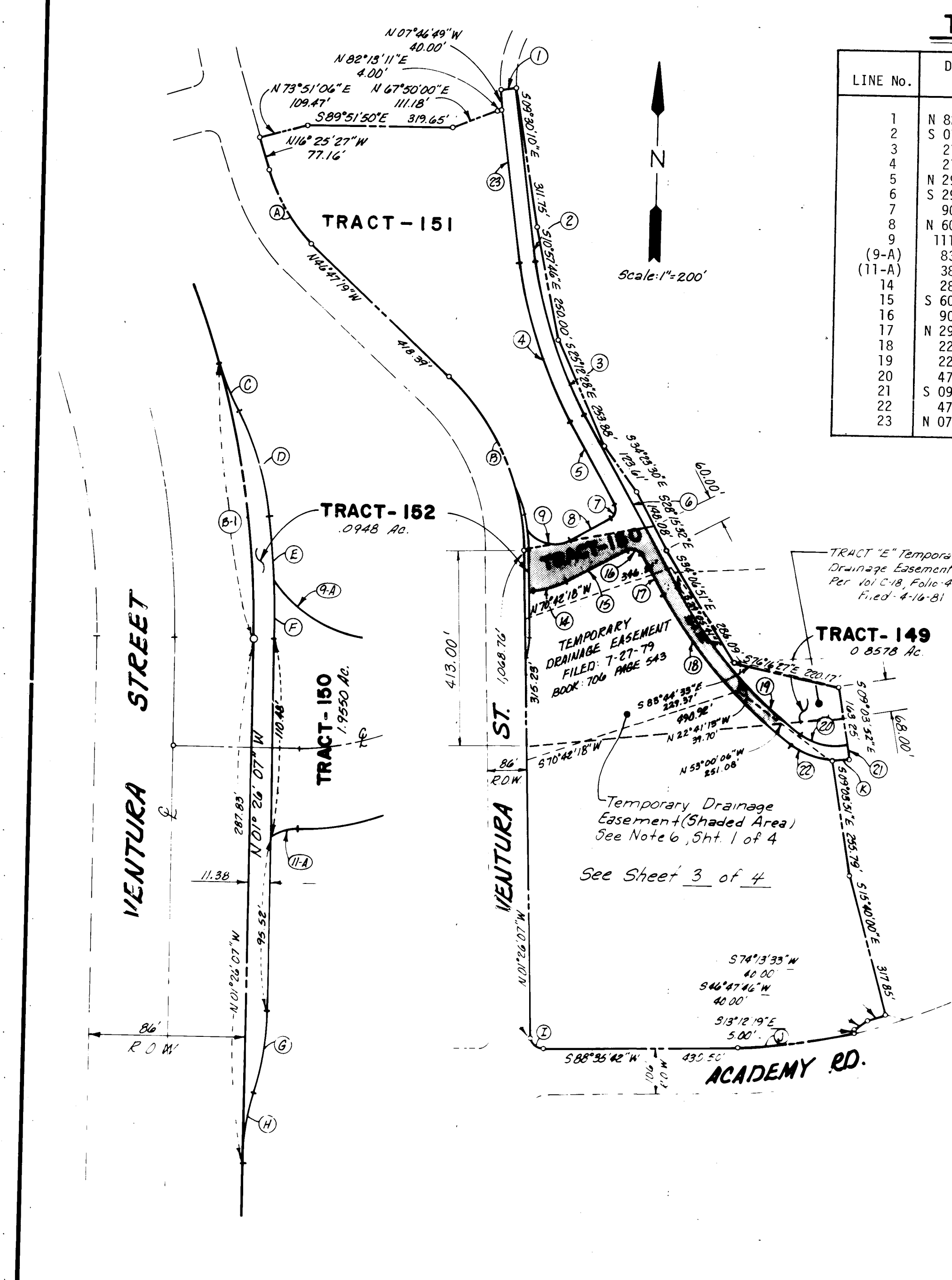


RECORD DRAWING

REPLAT
OF
TRACT "C" of SUMMARY PLAT of TANOAN PROPERTIES
TO
TORREY PINES AT TANOAN
FEBRUARY, 1984

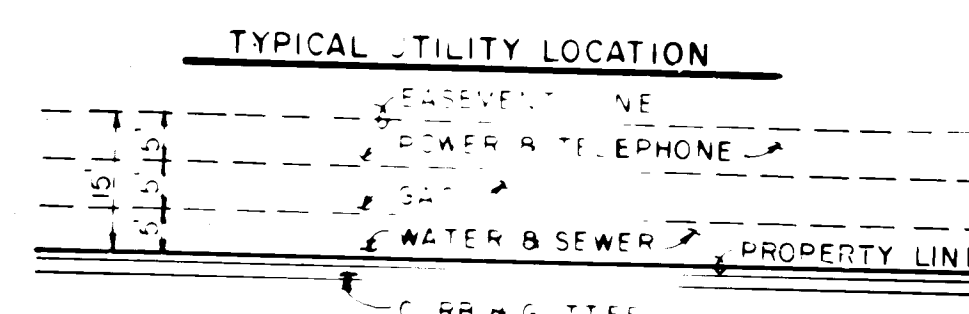
SHEET 2 of 4

C 24-80



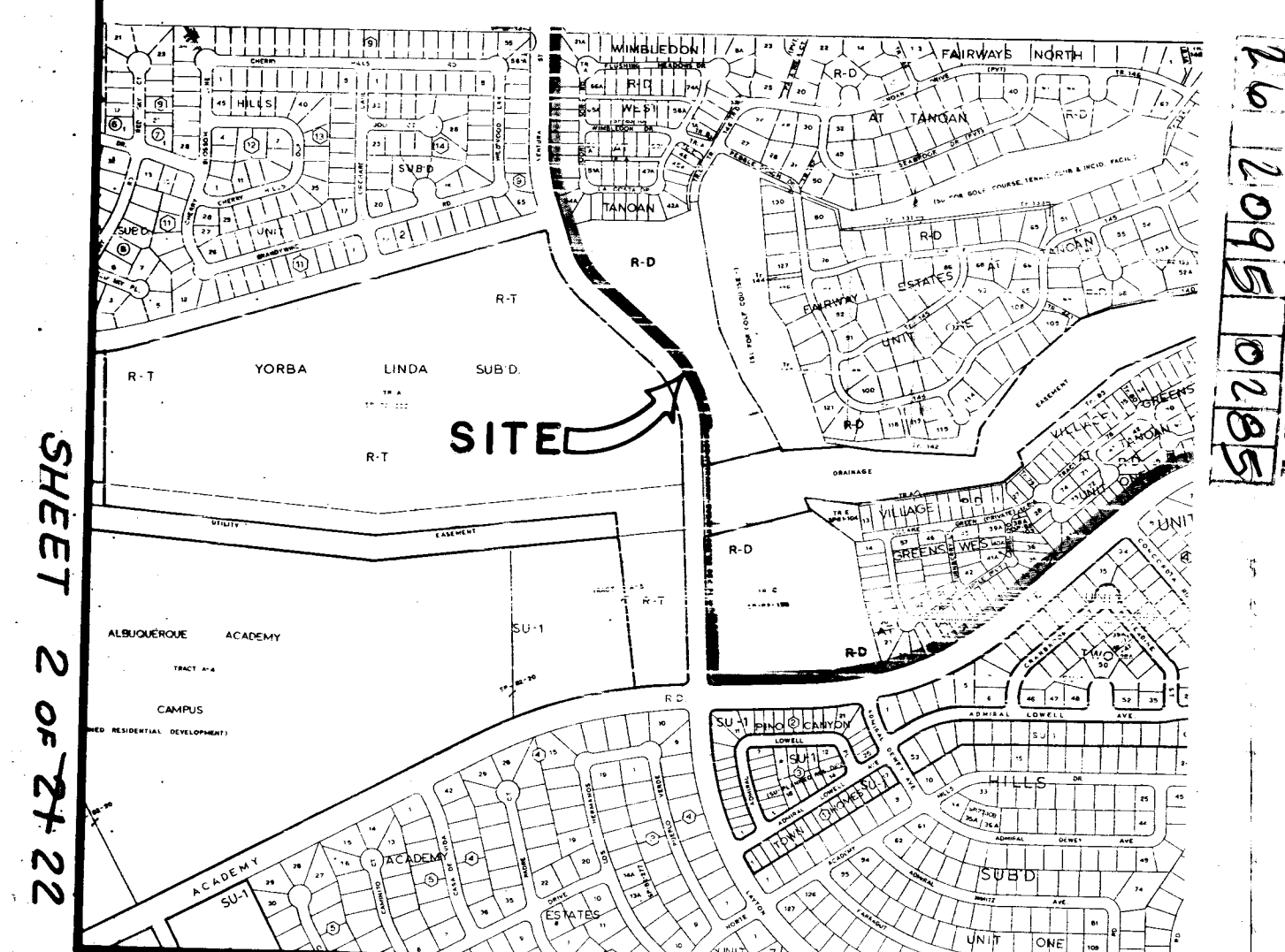
TRACT - 150 DATA				
LINE No.	DELTA OR BEARING	RADIUS	TANGENT	LENGTH
1	N 82° 13' 11" E			37.25'
2	S 07° 46' 49" E	950.00'	182.57'	360.75'
3	21° 45' 26"	987.25'	189.73'	374.89'
4	21° 45' 26"			210.44'
5	N 29° 32' 15" W			436.49'
6	S 29° 32' 15" E	25.00'	25.00'	39.27'
7	N 60° 27' 45" E			101.88'
8	N 111° 03' 29" E	75.00'	109.24'	145.38'
9	83° 49' 38"	75.00'	67.33'	109.73'
(11-A)	88° 40' 56"	25.00'	8.70'	16.89'
14	28° 06' 08"	124.11'	31.06'	60.87'
15	S 60° 27' 45" W			169.94'
16	90° 00' 00" W	25.00'	25.00'	39.27'
17	N 29° 32' 15" W			98.05'
18	22° 31' 36"	1066.22'	212.34'	419.20'
19	22° 31' 36"	1030.22'	205.17'	405.05'
20	47° 00' 00"	125.00'	54.35'	102.54'
21	S 09° 03' 51" E			36.00'
22	47° 00' 00"	161.00'	70.01'	132.07'
23	N 07° 46' 49" E			344.36'

BOUNDARY CURVE DATA				
CURVE No.	DELTA	RADIUS	TANGENT	LENGTH
A	30° 21' 52"	357.00'	96.88'	189.20'
B	45° 21' 12"	543.22'	226.97'	429.99'
C	12° 02' 35"	140.63'	14.83'	29.56'
D	20° 57' 27"	159.38'	29.48'	58.30'
E	03° 32' 52"	554.60'	17.18'	34.34'
F	03° 29' 48"	554.60'	16.93'	33.85'
G	15° 49' 42"	159.38'	22.16'	38.85'
H	15° 49' 42"	140.63'	19.55'	44.03'
I	89° 58' 11"	25.00'	24.99'	39.26'
J	11° 47' 58"	1242.37'	128.44'	255.58'
K	13° 31' 16"	161.00'	19.09'	37.99'
B-1	16° 04' 19"	543.22'	76.69'	152.38'



DESCRIPTION OF EASEMENTS

- UTILITY EASEMENTS: Utility easements on the plat are granted for the common and joint use and benefit of:
 - The City of Albuquerque for installation, service and maintenance of water and sewer lines, valves, pumps and/or other related equipment and facilities reasonably necessary to deliver potable water to the residents of the subdivision and provide a liquid waste disposal system in accordance with the plans and procedures of the City of Albuquerque.
 - The Public Service Company of New Mexico for installation, maintenance and service of electrical lines, transformers and other equipment and related facilities reasonably necessary to provide electrical service to the residents of the subdivision.
 - The Gas Company of New Mexico for installation of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas to the residents of the subdivision, this includes the right to place gas lines in tracts 150, 151, 152, 153, 154.
 - Mountain Bell for the installation, service and maintenance of all telephone lines, switching equipment and other related equipment and facilities reasonably necessary to provide telephone service to the residents of the subdivision.
 - Albuquerque Cable Television, Inc., for the purpose of installation, service and maintenance of such line or cable as is reasonably required to provide Cable TV service to the residents of the subdivision.
 - Tanaka Community Association, for the purpose of installing, maintenance and service of community lighting, irrigation and other community utilities.
- DRAINAGE EASEMENTS: Private drainage easements are granted between individual property owners as indicated on the plat by reference to or notation for the passage, containment or diversion of surface waters. All of Tracts 150, 151, 152, 153, 154 are dedicated as drainage easements. These easements will be maintained by the Homeowners Association.
- ACCESS EASEMENTS: The City of Albuquerque is hereby granted access easements over and across Tracts 150 and 151 for the purpose of allowing its various operating departments to provide service to the residents of the subdivision in the same manner and to the same extent as though the referenced tracts were dedicated public streets. "Operating departments" as referred to above shall include, but shall not be limited to, the department of the City providing the following services:
 - Police protection;
 - Fire protection;
 - Water resources;
 - Solid waste and liquid disposal;
 - Animal Control;
 - City Planning functions.All services are granted the right to access their property over and across the referenced tracts.
- In Tracts 150 and 151, the City of Albuquerque shall have the exclusive right to place underground utility lines within six (6) feet of the centerline of a water or sewer line except for perpendicular crossings or where written approval has been obtained from the City of Albuquerque. Gas Company of New Mexico, Public Service Company of New Mexico and Mountain States Telephone and Telegraph are exempted from compliance with the requirements of the first sentence in this paragraph.
- Tracts 150, 151 & 152 will be replatted into lots 1 thru 14 after the drainage improvements and the box culvert under Ventura Street are completed.
- Dedication to the Albuquerque Metropolitan Arroyo Flood Control Authority, its successors and assigns, a temporary and a permanent (Tract 147) easement as designated herein is with the full and free consent and in accordance of the undersigned owner. This dedication is for drainage, flood control, and the lands, right-of-way, or easement dedicated or granted herein shall revert to the owner, its successors and assigns as, and to, the extent said portion is declared unnecessary for flood control and drainage by the Board of Directors of the Albuquerque Metropolitan Arroyo Flood Control Authority.



STATEMENT & AFFIDAVIT
OF OWNER

The subdivision of the land described on this plat is in accordance with the desire of the undersigned owner of the land, and the owner does hereby grant specific easements as shown on this plat and described in the Description of Easements. TRACT 152 is hereby dedicated as additional R.O.W. on Ventura Street.

AMERWEST CORPORATION
By: *[Signature]*
ALLAN L. WHYTESS, VICE-PRESIDENT
STATE OF NEW MEXICO
COUNTY OF BERNALILLO
ss
The foregoing instrument was acknowledged by me this day of 1984, by Allan L. Whytess, Vice-President of Amerwest Corporation, on behalf of said corporation.

My Commission expires on _____

NOTES

- Horizontal Control Monuments
ACS Brass Cap Stamped "1-121"
X = 435,442.43 Y = 1,513,473.61
Ground to Grid = 0.99963855
Sd. U.S.C. & G.S. Brass Tablet Stamped "Tumble 1969"
X = 428,465.35 Y = 1,513,470.01
Ground to Grid = 0.99961970
- Vertical Control Monuments
U.S.C. & G.S. Cap Stamped "Tumble 1969"
Elevation 6009.155 feet above M.S.L.
- Plat Data
a. Bearings are New Mexico State Plane, Central Zone, grid bearings and the two above described horizontal control monuments are used as a base line for bearings.
b. Distances are ground distances
c. Number of lots: 98
d. Number of miles of Streets
e. No field survey was made. Data taken from Summary Plat of Tanoan Properties Volume C-19; Folio: 180

APPROVALS:

[Signature] 57-84-274
PLANNING DIRECTOR, CITY OF ALBUQUERQUE, NEW MEXICO
DATE: 4/24/84
[Signature] 6/11/84
FOR RECORDING, COUNTY OF BERNALILLO, NEW MEXICO
DATE: 6/11/84
[Signature] 4-20-84
CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO
DATE: 4-20-84
[Signature] 4-23-84
DIRECTOR OF PUBLIC WORKS, CITY OF ALBUQUERQUE, NM
DATE: 4-23-84
[Signature] 4-23-84
PROPERTY SURVEYOR, CITY OF ALBUQUERQUE, NEW MEXICO
DATE: 4-23-84
[Signature] 4-23-84
CITY SURVEYOR, CITY OF ALBUQUERQUE, NEW MEXICO
DATE: 4-23-84
[Signature] 4-23-84
MOUNTAIN STATES TELEPHONE & TELEGRAPH
DATE: 4-23-84
PUBLIC SERVICE COMPANY OF NEW MEXICO
DATE: 4-23-84
GAS COMPANY OF NEW MEXICO
DATE: 4-23-84

REPLAT
OF
TRACT "C" of SUMMARY PLAT of TANOAN PROPERTIES
TO
TORREY PINES AT TANOAN
FEBRUARY, 1984

SHEET 1 of 4

DESCRIPTION

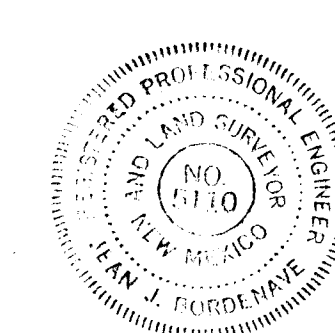
The foregoing replat of that certain tract of land situated within the City of Albuquerque, Bernalillo County, New Mexico; being and comprised of Tract "C" of TANOAN PROPERTIES, as the same shown and designated on the plat "C" said Properties filed in the Office of the County Clerk of Bernalillo County, New Mexico on June 25, 1982 in Volume: C-19; Folio: 180, being more particularly described as follows:

BEGINNING at the Northwest corner of Tract "C" of Summary Plat of Tanoan Properties whence the brass cap sample: S-020-1274, (New Mexico State Plane Coordinates, Central Zone, T-412,681.89; Y-1,513,492.14) bears S 13° 59' 46" E, 1037.99 feet and from said point of beginning; thence;

Beginning at the Northwest Corner of Tract "C", and from said point of beginning; thence:
N 73° 51' 06" E, 109.47 feet to a point; thence,
S 88° 51' 50" E, 319.65 feet to a point; thence,
N 67° 50' 00" E, 111.17 feet to a point; thence,
N 82° 13' 11" E, 4.00 feet to a point; thence,
N 07° 46' 49" E, 40.00 feet to a point; thence,
N 82° 13' 11" E, 37.25 feet to a point; thence,
S 09° 30' 10" E, 250.00 feet to a point; thence,
S 10° 57' 46" E, 253.88 feet to a point; thence,
S 25° 12' 36" E, 148.08 feet to a point; thence,
S 34° 23' 30" E, 286.09 feet to a point; thence,
S 28° 15' 32" E, 220.17 feet to a point; thence,
S 34° 06' 5" E, 163.25 feet to a point; thence,
S 76° 16' 25" E, 37.39 feet along the Arc of a curve, said curve having a radius of 131.00 feet and a long chord which bears S 87° 11' 47" E, a distance of 37.91 feet; thence,
S 09° 03' 51" E, 255.79 feet to a point; thence,
S 15° 40' 00" E, 317.85 feet to a point; thence,
S 34° 13' 33" W, 40.00 feet to a point; thence,
S 46° 47' 46" W, 40.00 feet to a point; thence,
S 13° 12' 19" E, 5.00 feet to a point; thence,
S 25° 58' feet along the Arc of a curve, said curve having a radius of 1242.97 feet and a long chord which bears S 82° 11' 43" E, a distance of 255.52 feet; thence,
S 88° 25' 42" W, 430.50 feet to a point; thence,
N 09° 30' 10" E, 39.26 feet along the Arc of a curve, said curve having a radius of 25.00 feet and a long chord which bears N 46° 25' 12" W, a distance of 35.35 feet; thence,
N 01° 26' 07" W, 1068.76 feet to a point; thence,
N 01° 26' 07" W, 429.99 feet along the Arc of a curve, said curve having a radius of 543.22 feet and a long chord which bears N 24° 06' 43" W, a distance of 418.86 feet; thence,
N 46° 47' 19" W, 418.35 feet to a point; thence,
N 46° 47' 19" W, 189.20 feet along the Arc of a curve, said curve having a radius of 387.00 feet and a long chord which bears N 31° 36' 23" W, a distance of 186.99 feet; thence,
N 16° 04' 19" E, 77.16 feet to the point of beginning.

Said tract of land contains 24.06759 Acres more or less.

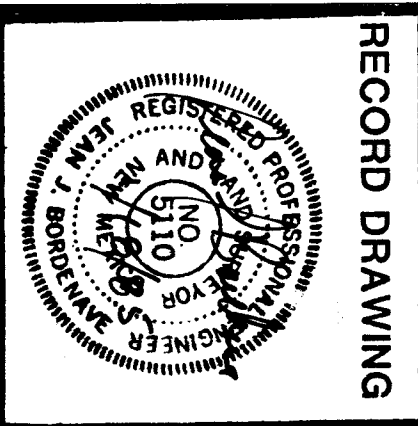
I, UNDER THE LAWS OF THE STATE OF NEW MEXICO CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTS AND ARE SHOWN AND THAT THE PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



J. B. BURDETTE, N.M.P.E. & L.S. NO. 5110

C 24-80

Engineers File No. C-19-180-03-01



RECORD DRAWING

REPLAT
OF

54 50043

SP 09-26- 1689

LOTS 17,18,22,23,36,40,41,46,47,52 THRU 59,66,67,70,71,74,80,85,86,92,95,
96, & 99 AND TRACTS 153, 159 THRU 162 OF TORREY PINES AT TANOAN, *415 A*
TO
LOTS 17A,18A,22A,23A,36A,40A,41A,46A,47A,52A THRU 59A,
66A,67A,70A,71A,74A,80A,85A,86A,92A,95A,96A, & 99A AND
TRACTS 153A, 159A THRU 162A
AUGUST 1984

DESCRIPTION

These certain tracts of land situate in Bernalillo County, New Mexico, being and comprising Lots numbered 17,18,22,23,36,40,41,46,47,52, 59,66,67,70,71,74,80,85,86,92,95,96 & 99 and Tracts 153,159 thru 162 of TORREY PINES AT TANOAN, as the same is shown and designated on the plat of said priorities filed in the Office of the County Clerk of Bernalillo County, New Mexico on June 26, 1984 in Volume 1241, Folio 80.

STATEMENT and AFFIDAVIT OF OWNER

Replatted and now comprising lots numbered 17A,18A,22A,23A,36A,40A,41A,46A,47A,52A thru 59A, 66A,67A,70A,71A,74A,80A,85A,86A,92A,95A,96A & 99A and Tracts 153A,159A thru 162A of TORREY PINES AT TANOAN, Bernalillo County, New Mexico, with the free consent of and in accordance with the desire of the undersigned owner of the land and the owner does hereby grant the private drainage easement in Lot 22A and Tract 153A.

AMERITEST CORPORATION

By: *ALLAN L. WHITESEL, VICE-PRESIDENT*

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

The foregoing instrument was acknowledged by me this 22nd day of *September*, 1984, by Allan L. Whitesel, Vice-President of Ameritest Corporation, a New Mexico Corporation, on behalf of said corporation.

My Commission expires on *3-7-87*.

Notary Public

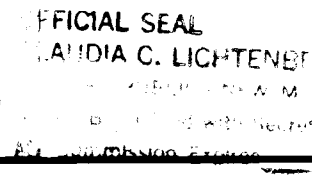
APPROVALS

SP-84-440
PLANNING DIRECTOR, CITY OF ALBUQUERQUE, NEW MEXICO *10/9/84*
for E. Fitzgibbon
WATER RESOURCES, CITY OF ALBUQUERQUE, NEW MEXICO *10-9-84*
for E. Fitzgibbon
FOR EXECUTIVE DIRECTOR, AMFCA *10/11/84*
for J. G. Gorman
CITY ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO *10-9-84*
for J. G. Gorman
DIRECTOR OF PARKS AND RECREATION, CITY OF ALBUQUERQUE, NEW MEXICO *10-9-84*
for J. G. Gorman
PROF. ENGINEER, CITY OF ALBUQUERQUE, NEW MEXICO *10-9-84*
for J. G. Gorman
CHIEF CITY SURVEYOR, CITY OF ALBUQUERQUE, NEW MEXICO *10-05-84*

I, UNDER THE LAWS OF THE STATE OF NEW MEXICO CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTS AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND ALL EASEMENTS OF RECORD ARE SHOWN AND THAT THE PLAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



John B. Borden
JOHN B. BORDEN, N.M.P.E. & L.S. NO. 5110



SHEET 1 OF 2

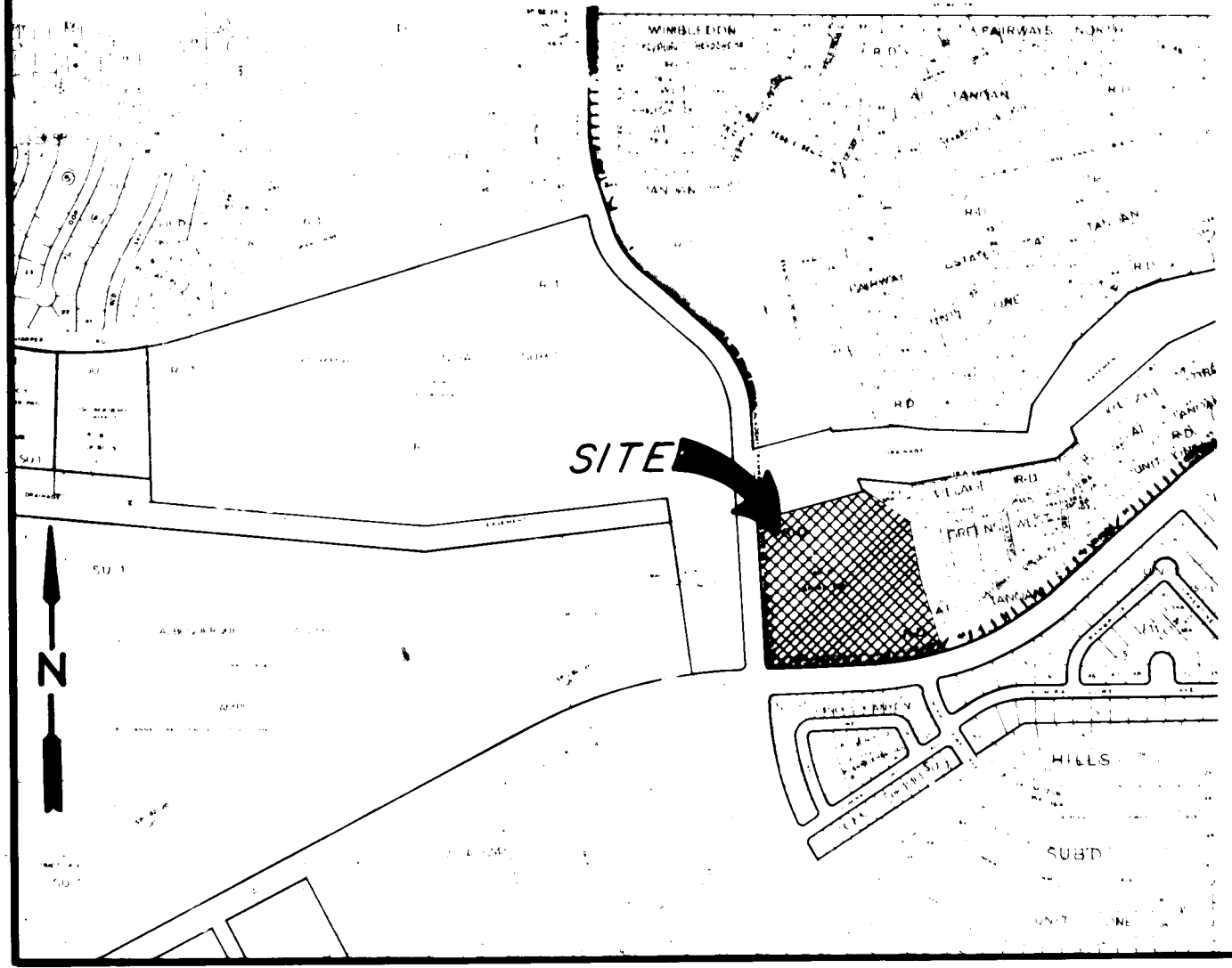
LOT AREAS

LOT No.	AREA	LOT No.	AREA	LOT No.	AREA	TRACT No.	AREA
17A	3110	55A	2750	86A	3190	153A	94,409
18A	2772	56A	2750	92A	3122	159A	11,353
22A	4711	57A	2729	95A	3018	162A	17,379
23A	3147	58A	3126	96A	3122	162A	57,564
36A	4669	59A	3127	99A	3222	162A	65,362
40A	3150	66A	3206				
41A	3128	67A	2796				
46A	2793	70A	3142				
47A	3130	71A	3233				
52A	3130	74A	3233				
59A	3122	80A	3233				
66A	2750	85A	3233				

PURPOSE of REPLAT

- To increase the depth of the lots.
- Create the private drainage easement in Lot 22A.

VICINITY MAP E-20



NOTES

- Bearings shown are New Mexico State Plane Central Zone, grid bearings.
- Distances shown are ground distances.
- Number of Lots revised: 29
- Number of Tracts revised: 4
- No additional Lots or Tracts were created by this replat.
- No Field Survey was made. Data taken from TORREY PINES AT TANOAN, Volume 1241, Folio 80.
- The Description of Easements shown on TORREY PINES AT TANOAN will not change with this replat.

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

The foregoing instrument was acknowledged before me this 25th day of *September*, 1984.

Theresa A. Schindler
NOTARY PUBLIC

My Commission expires *5-14-85*.



OFFICIAL SEAL
ATINA C. LIGHTNER
COUNTY CLERK
COUNTY OF BERNALILLO

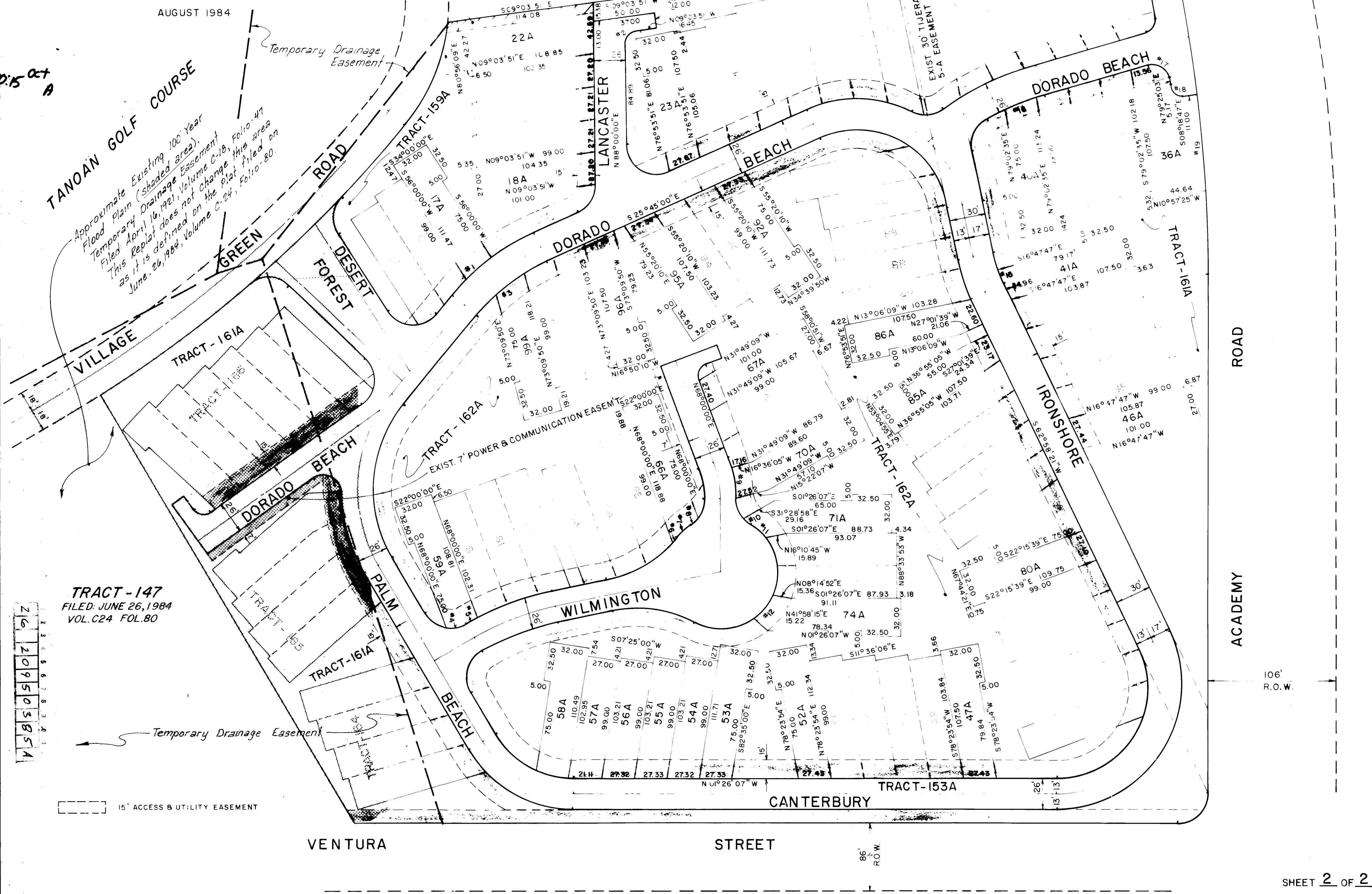
SHEET 1 OF 2

REPLAT
OF

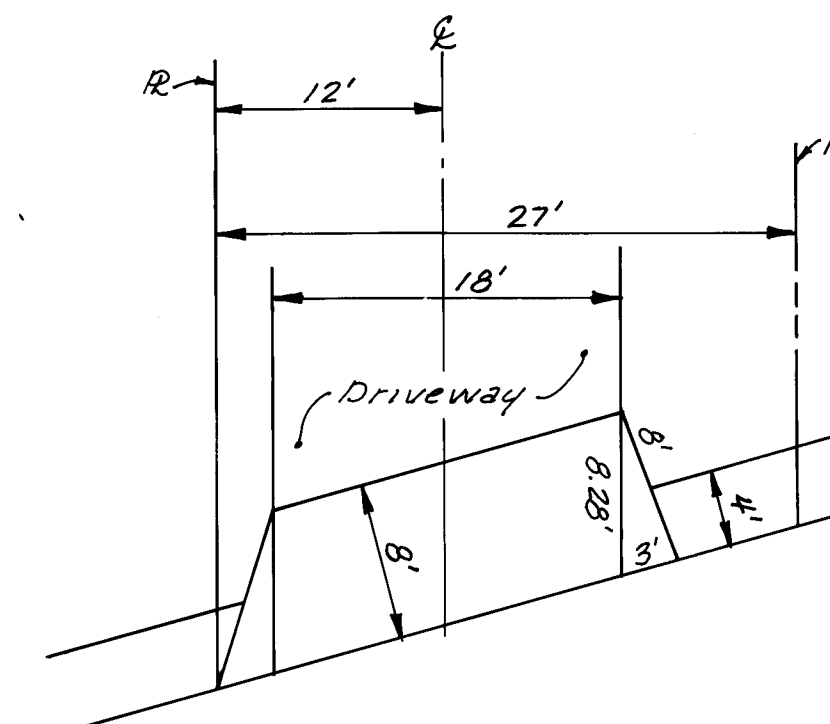
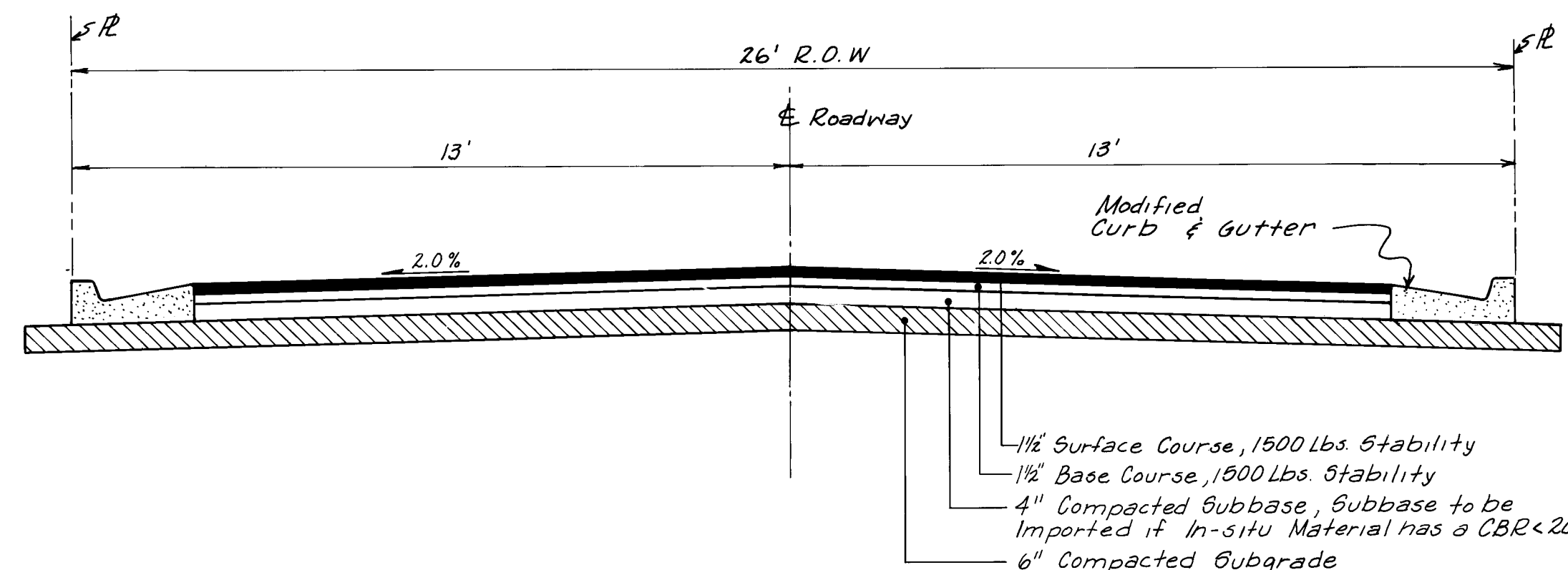
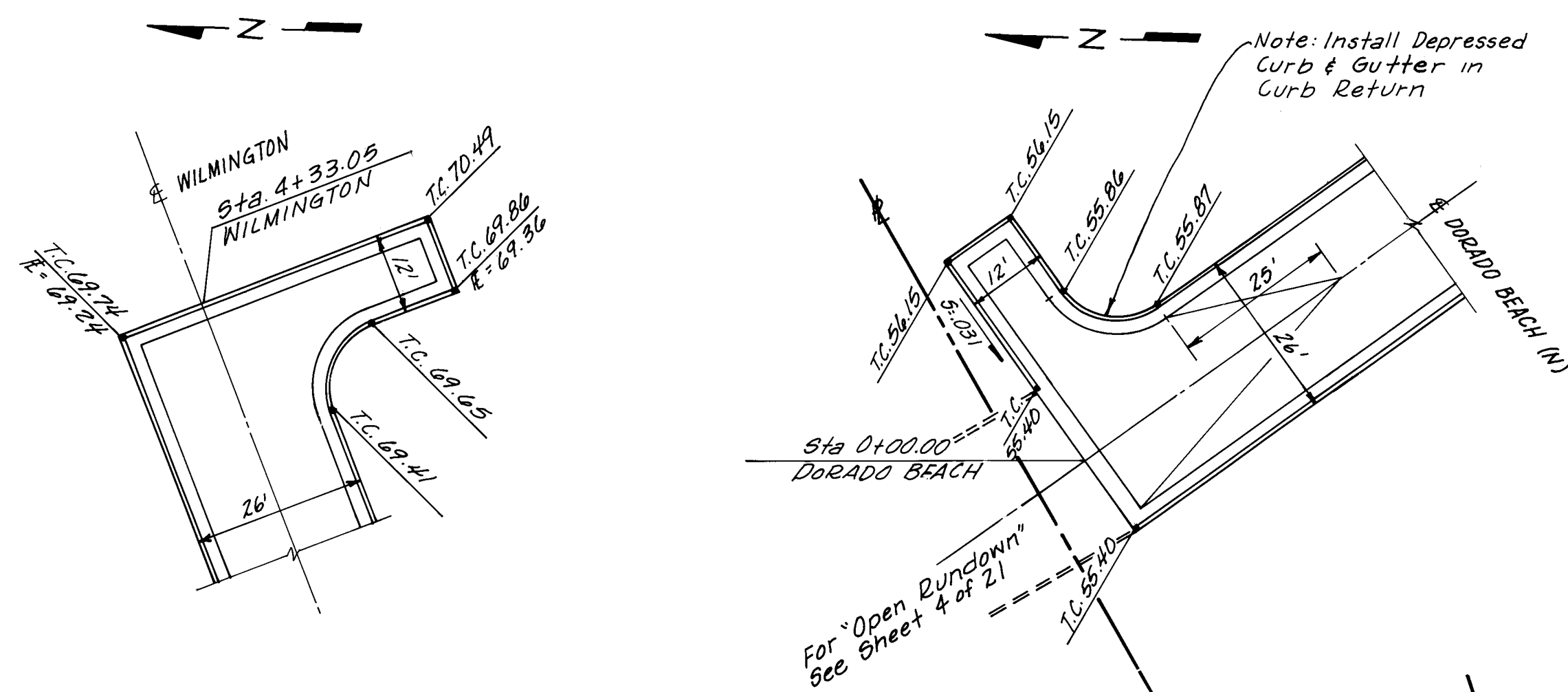
54 50043

VILLAGE GREENS WEST
AT TANOAN
1/4 SEC 4, E 1/4 SEC 16, T16N, R10E, S4

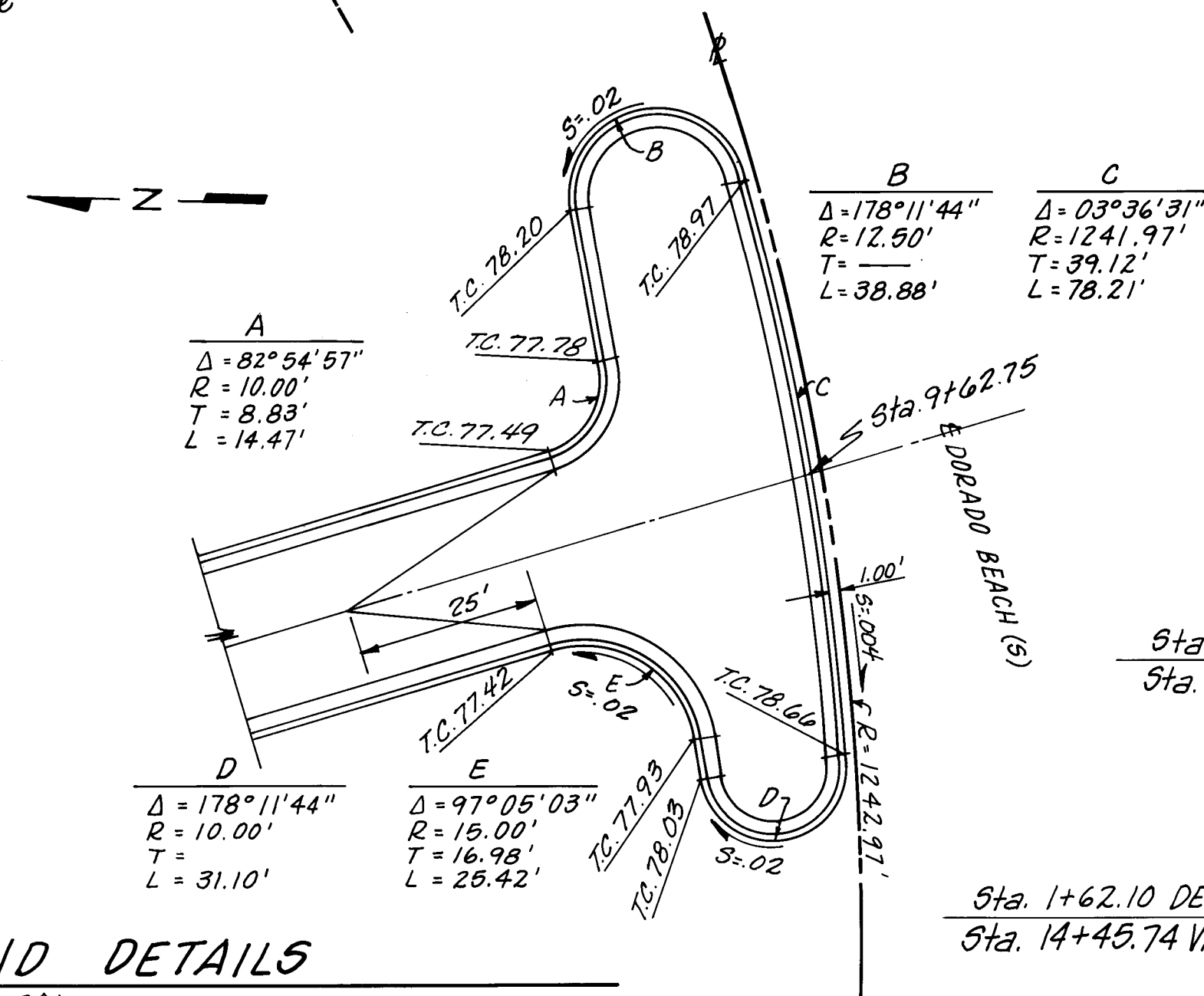
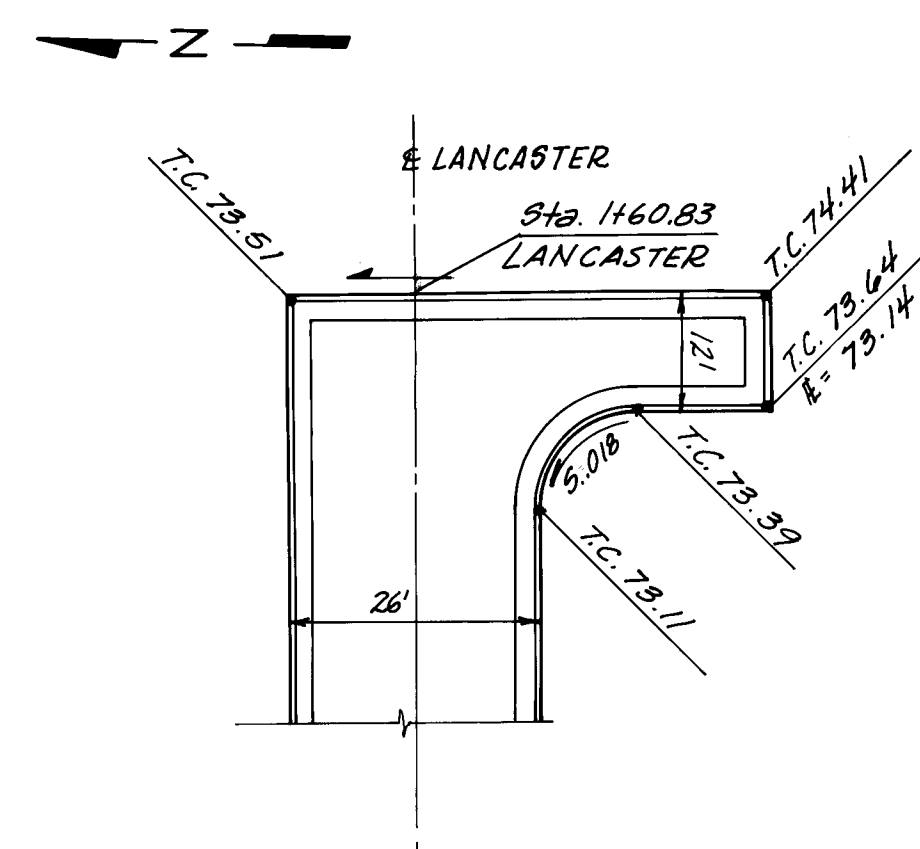
LOTS 17,18,22,23,36,40,41,46,47,52 THRU 59,66,67,70,71,74,80,85,86,
92,95,96, & 99 AND TRACTS 153,159 THRU 162 OF TORREY PINES AT TANOAN
TO
LOTS 17A,18A,22A,23A,36A,40A,41A,46A,47A,52A THRU 59A,
66A,67A,70A,74A,80A,85A,86A,92A,95A,96A, 99A AND
TRACTS 153A, 159A THRU 162A
AUGUST 1984



SHEET 2 OF 2

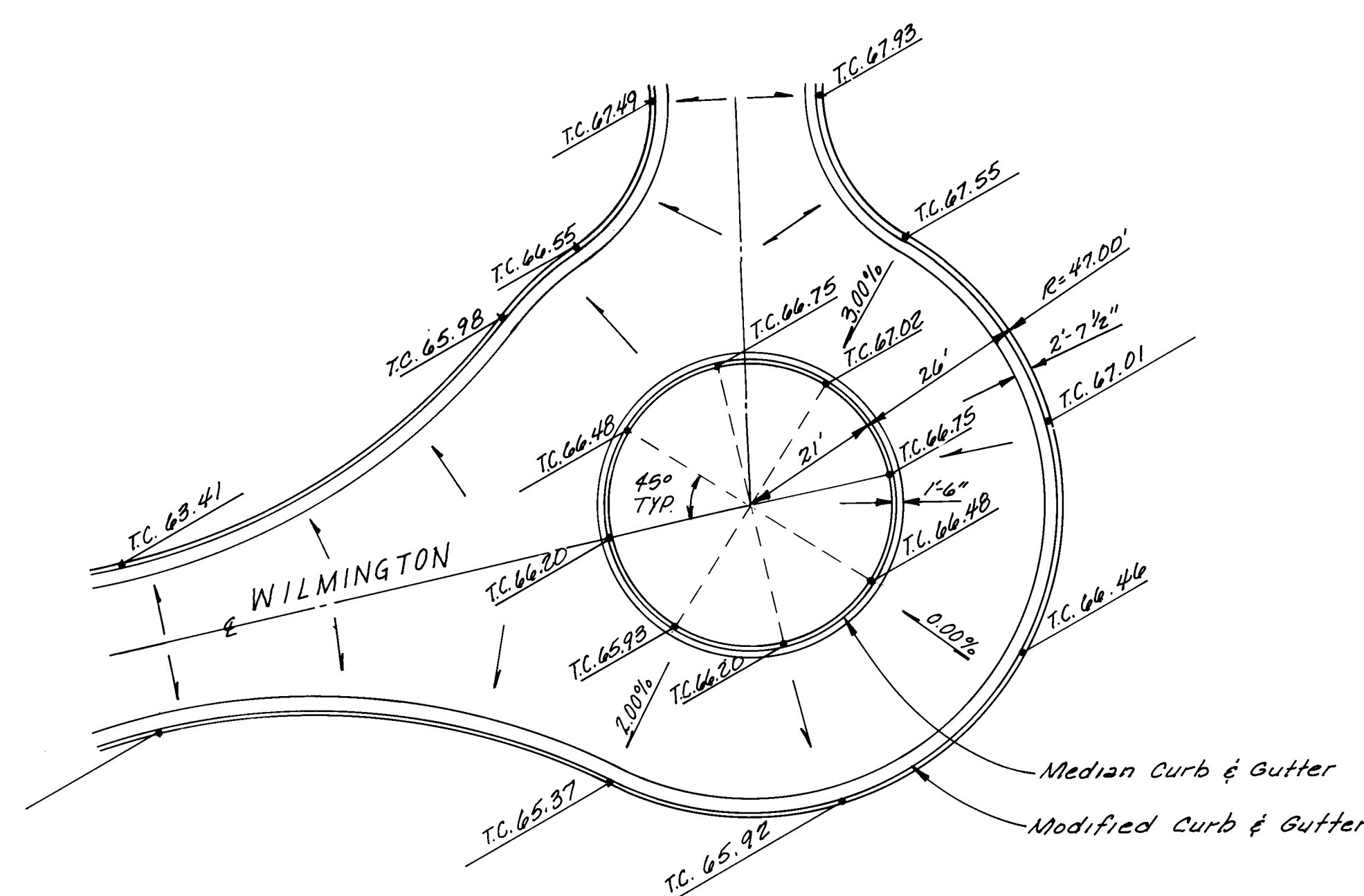


SINGLE DRIVEWAY



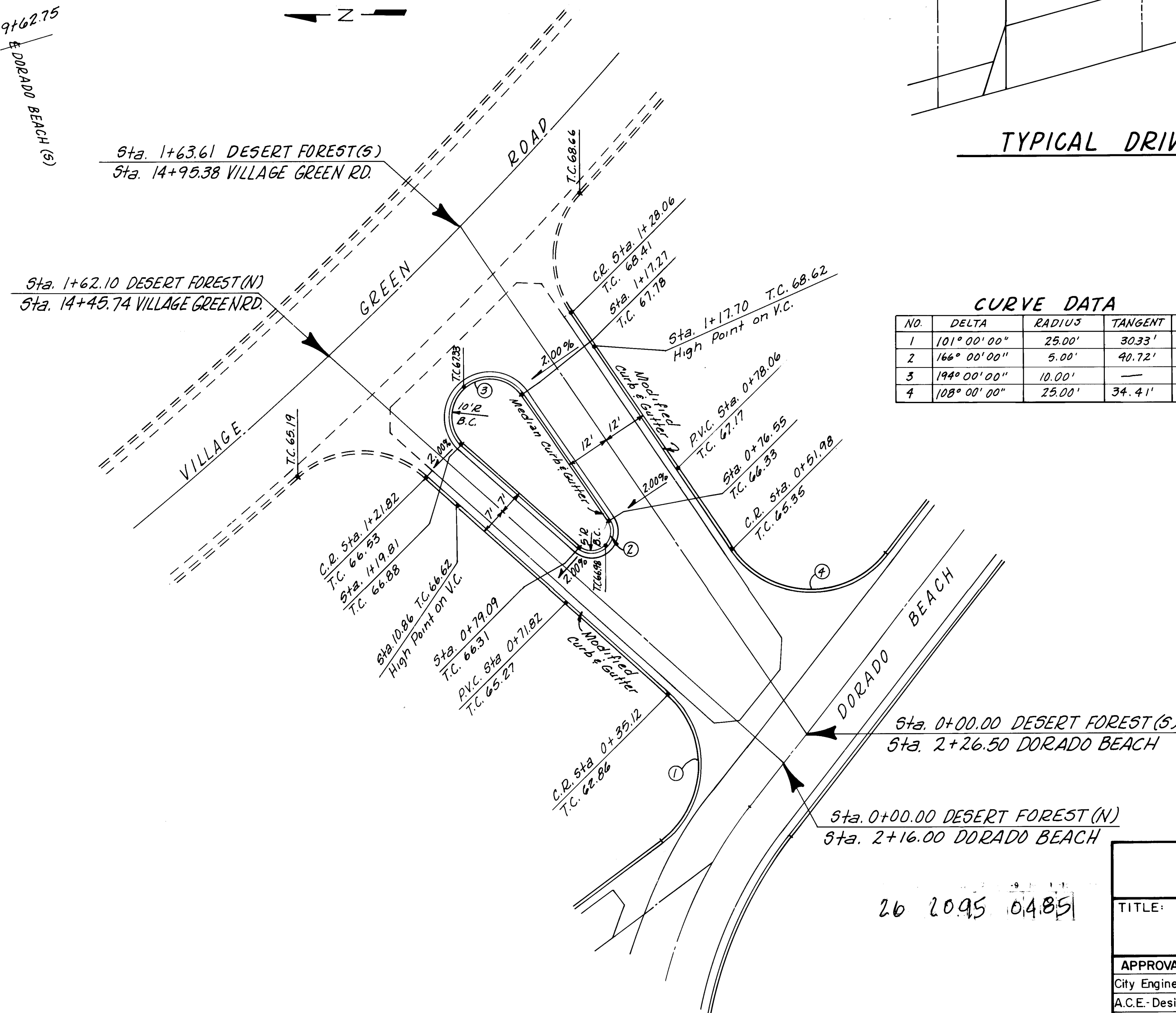
TURN AROUND DETAILS

Scale : 1" = 20



ELBOW ON WILMINGTON

Scale: 1" = 20'

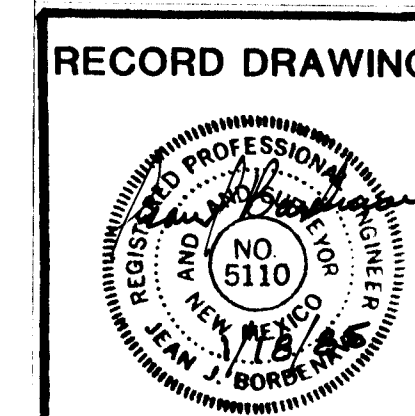


DESERT FOREST

Scale: $1'' = 20'$

CURVE DATA

NO.	DELTA	RADIUS	TANGENT	LENGTH
1	101° 00' 00"	25.00'	30.33'	44.07'
2	166° 00' 00"	5.00'	40.72'	14.49'
3	194° 00' 00"	10.00'	—	33.86'
4	108° 00' 00"	25.00'	34.41'	47.12'



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: *TORREY PINES at TANOAN
PAVING DETAILS*

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. D. Thompson</i>	5/2/84	Liquid Waste	<i>W. A. W. W.</i>	5/2/84
A.C.E.-Design	<i>E. H. H.</i>	5/2/84	Traffic	<i>T. A. H. H.</i>	5/2/84
A.C.E.-Hydrology	<i>J. H. H.</i>	5/2/84	Water	<i>W. A. W. W.</i>	5/2/84

DRAWING NO. 2095	MAP NO. E-20	SHEET 4 OF 21
----------------------------	------------------------	-----------------------------

ENGINEER'S SEAL

REMARKS	REVISIONS	DATE	BY	CHK'D BY	APP'D BY	PLANNING ENGINEERING SYSTEMS ECONOMICS
			Suite A			
			4055 Montgomery Boulevard NE.			
			Albuquerque, New Mexico 87109			
			Telephone: 506/861-1808			

REMARKS

NO.	DATE
-----	------

RTM

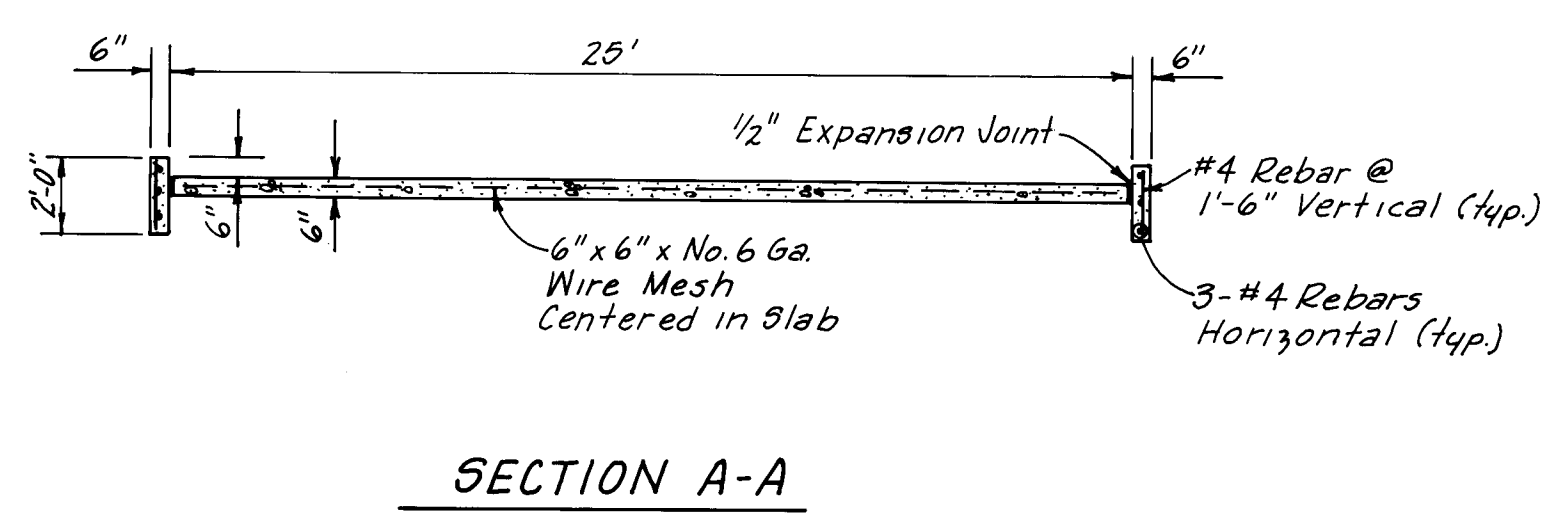
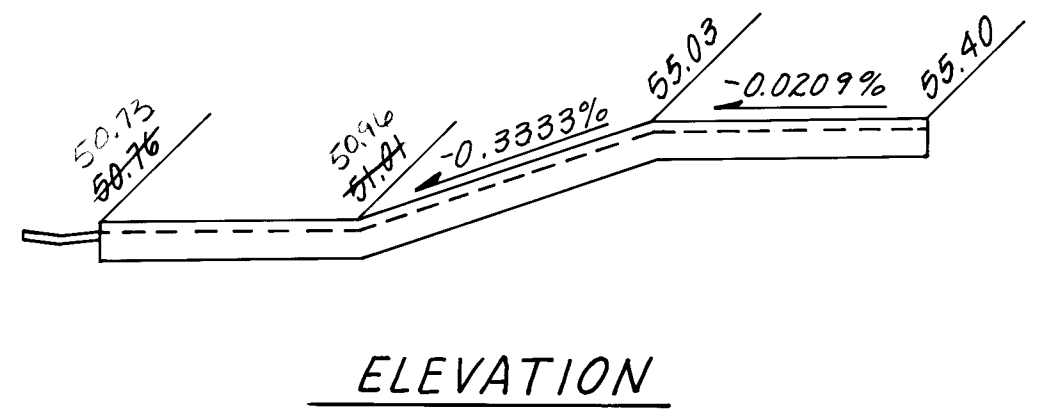
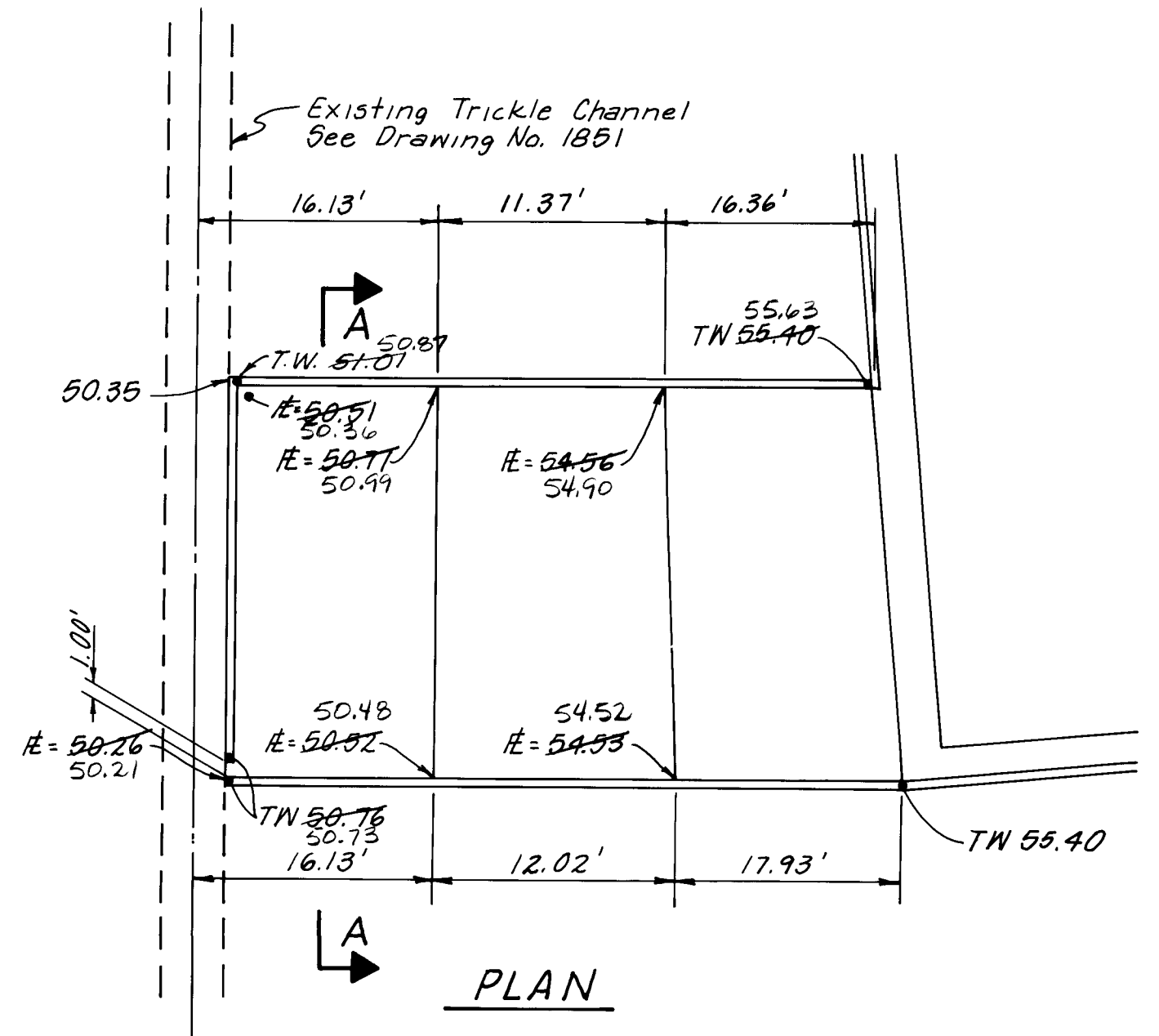
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ENG

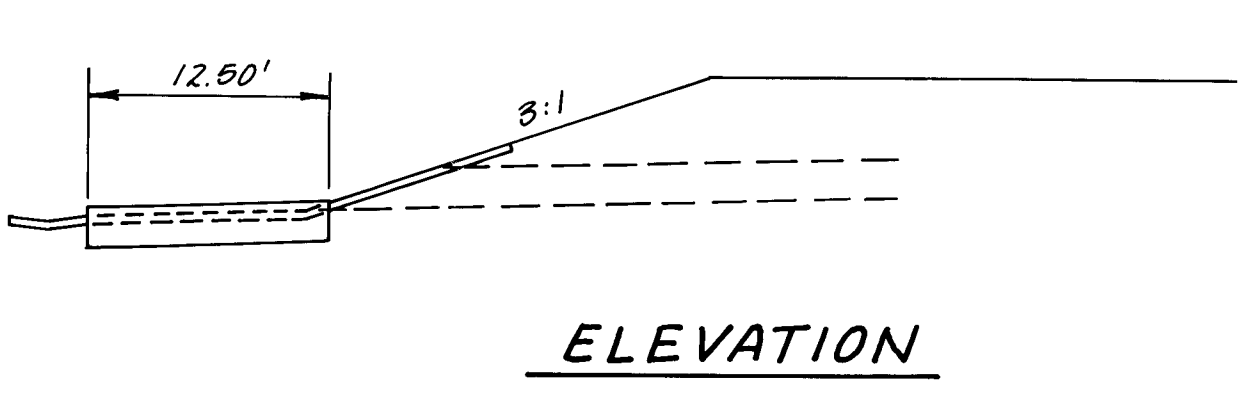
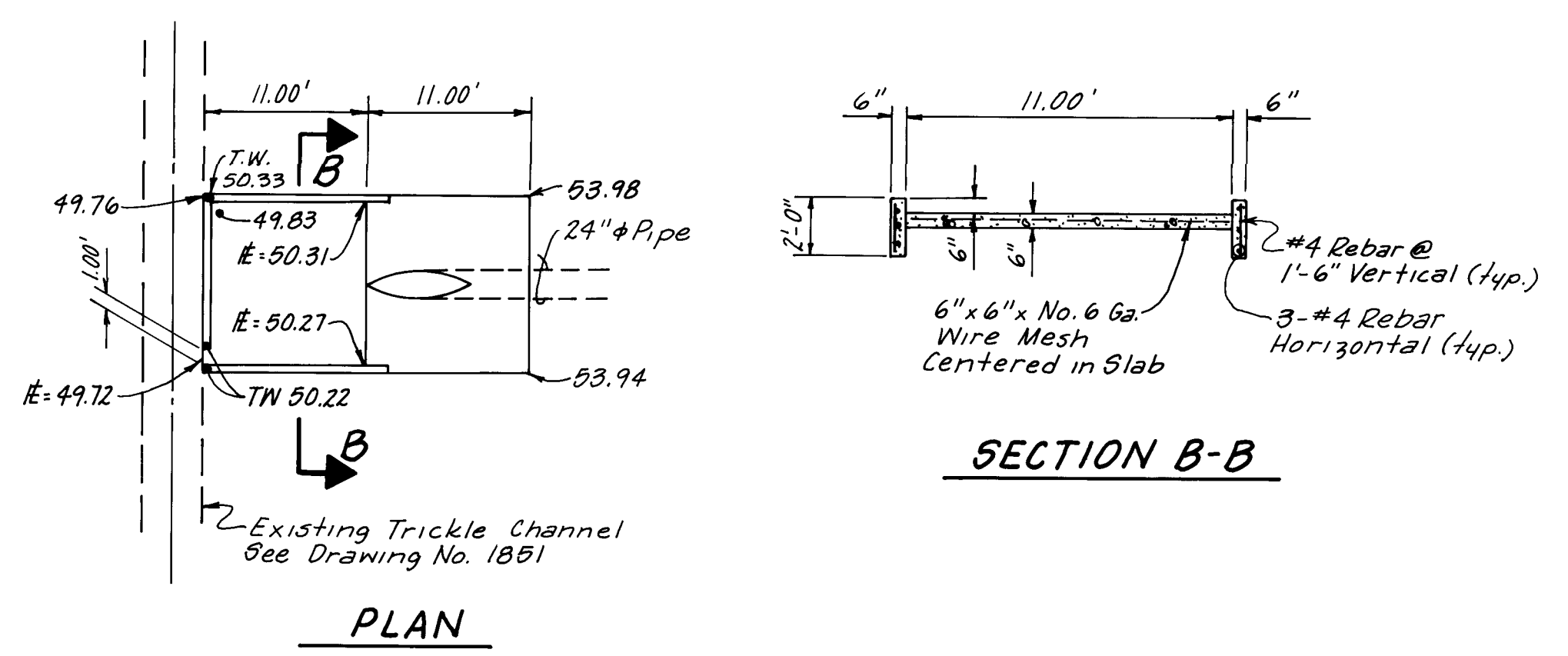
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A C
ET

ET

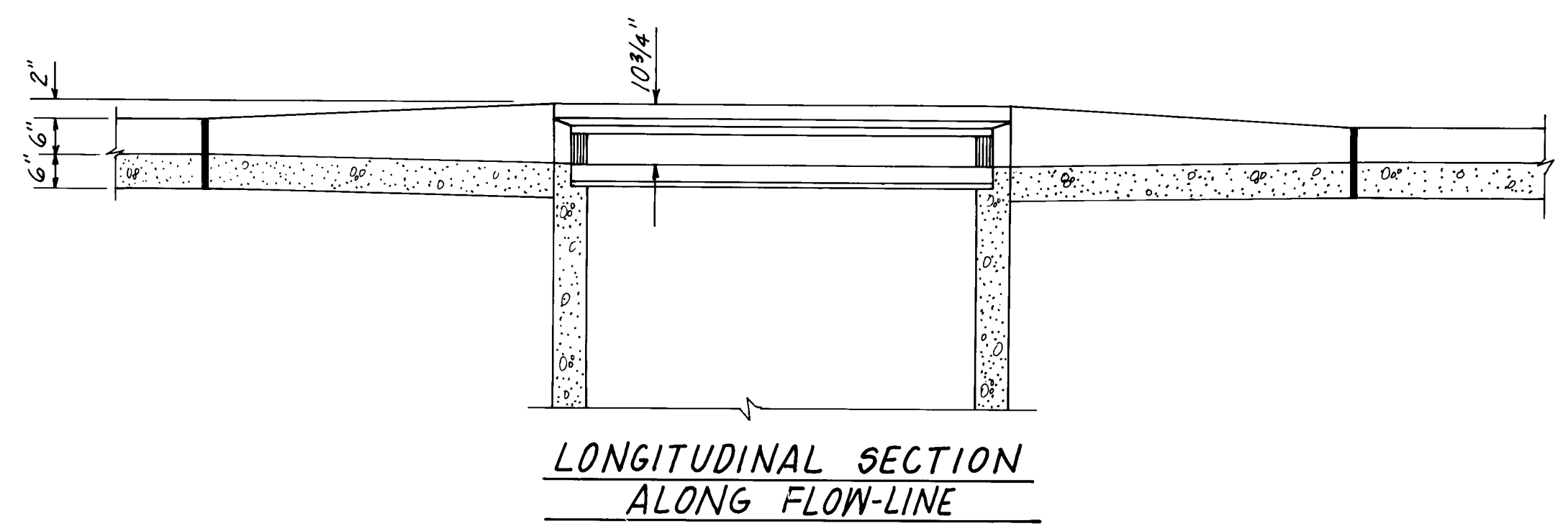
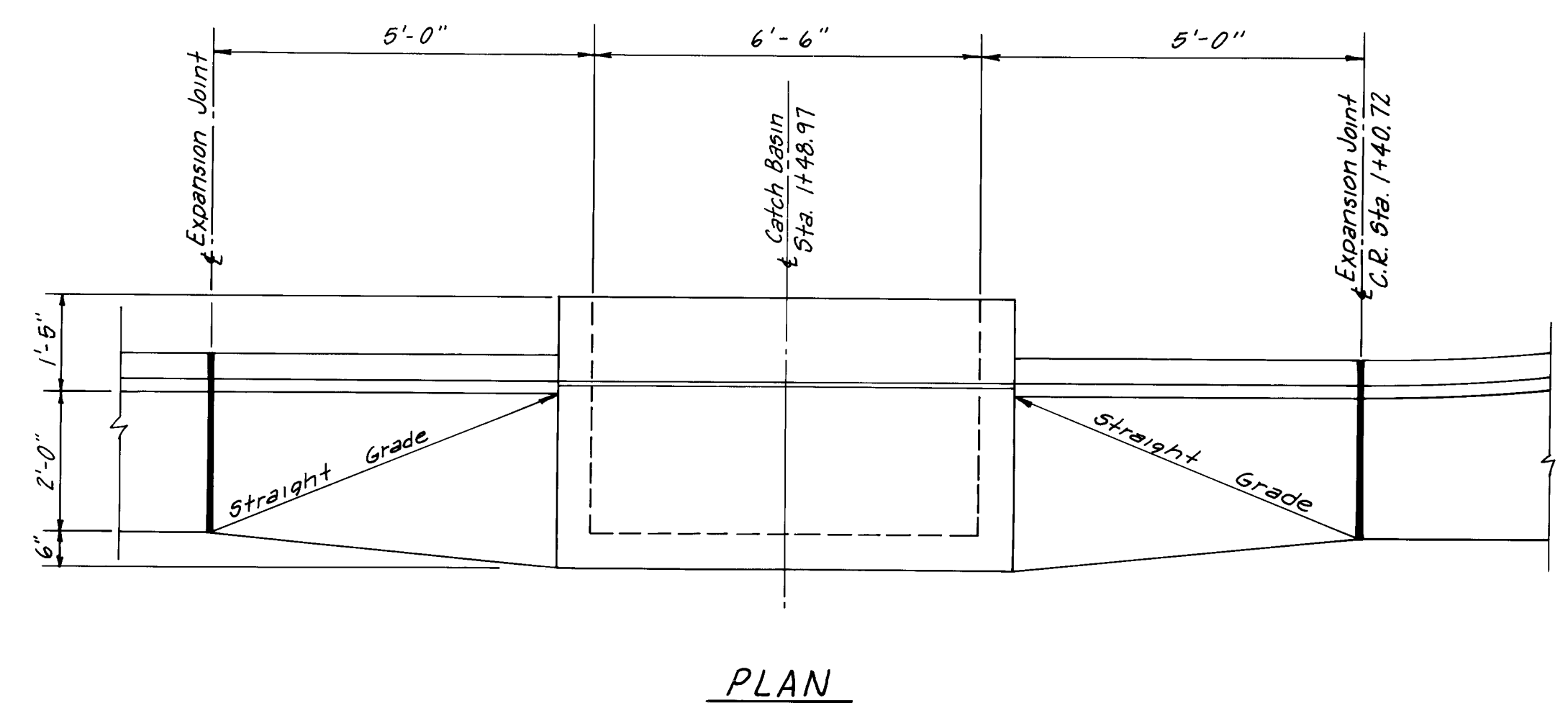
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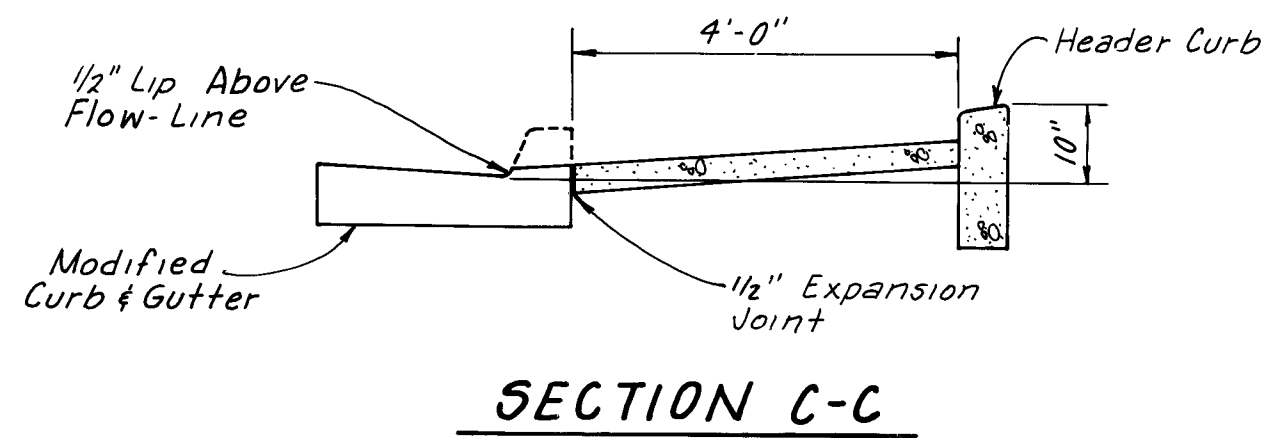
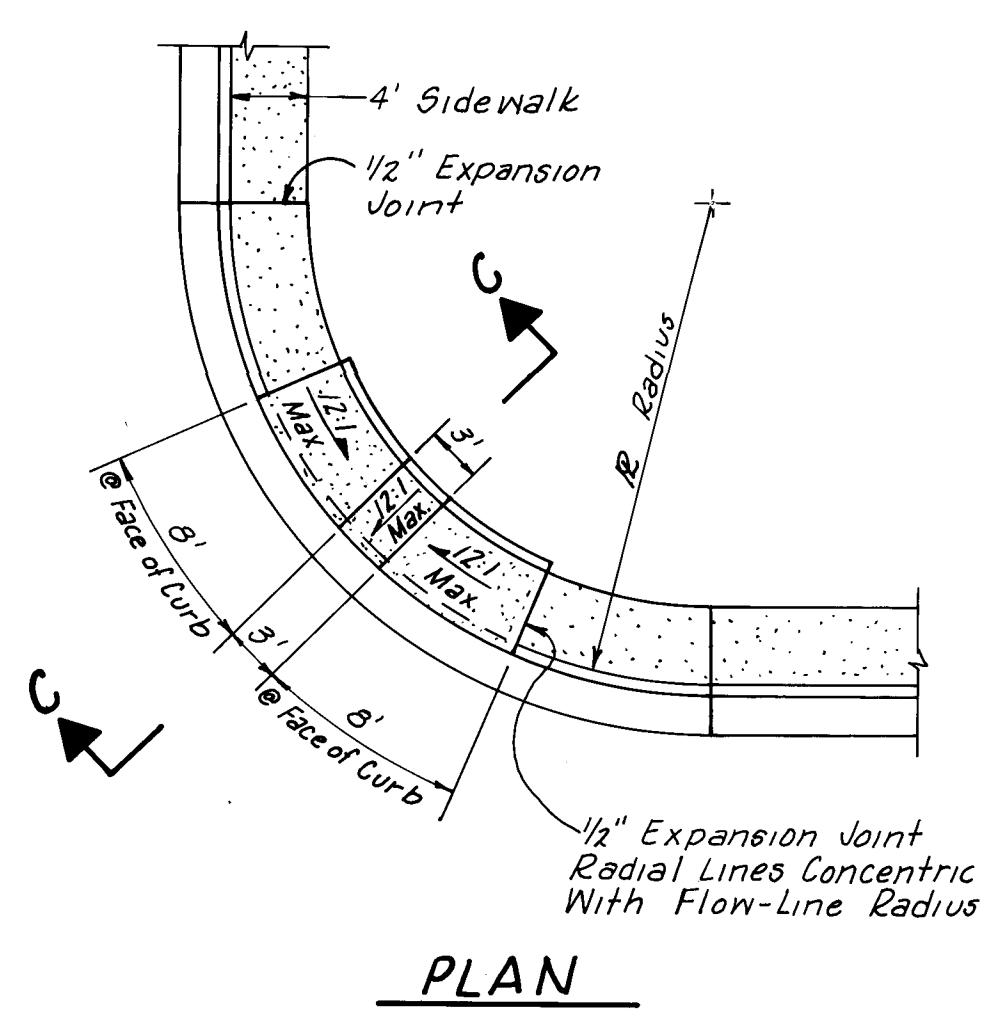
OPEN RUNDOWN ON DORADO BEACH



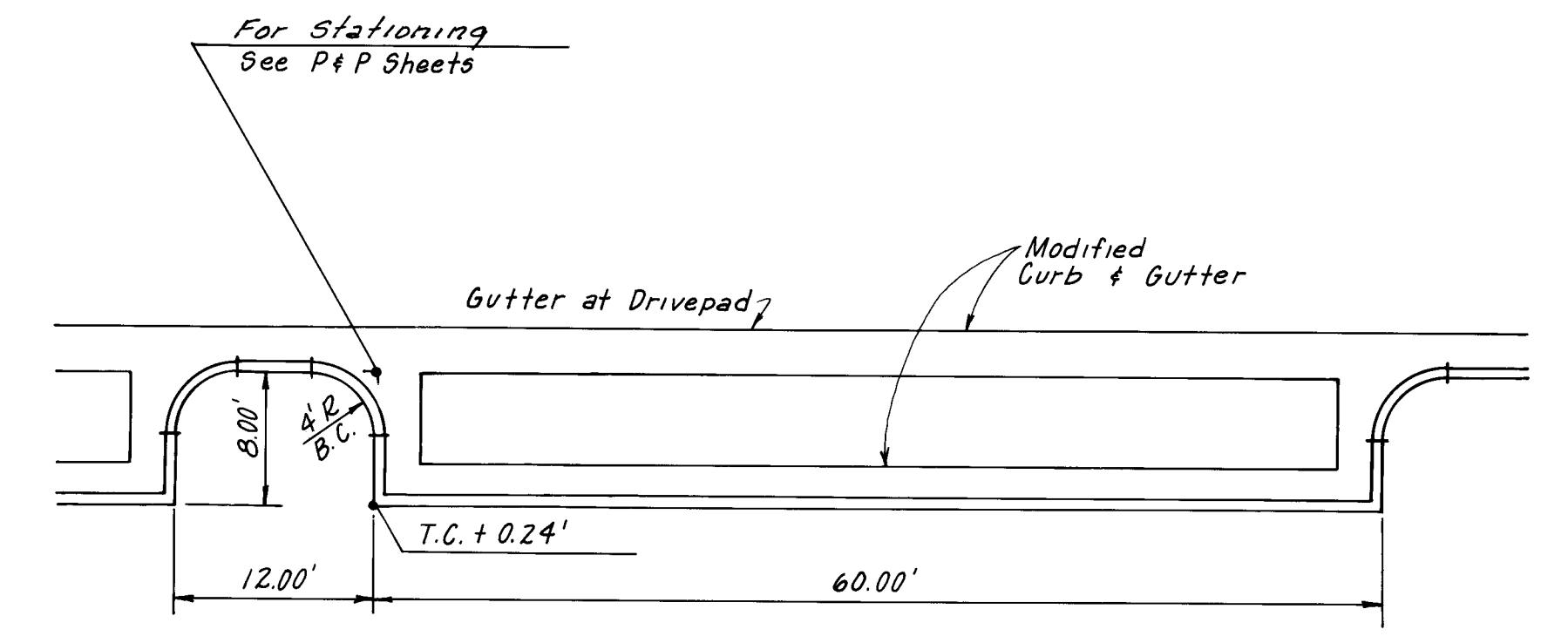
24" DIA. STORM DRAIN OUTLET
ON PALM BEACH



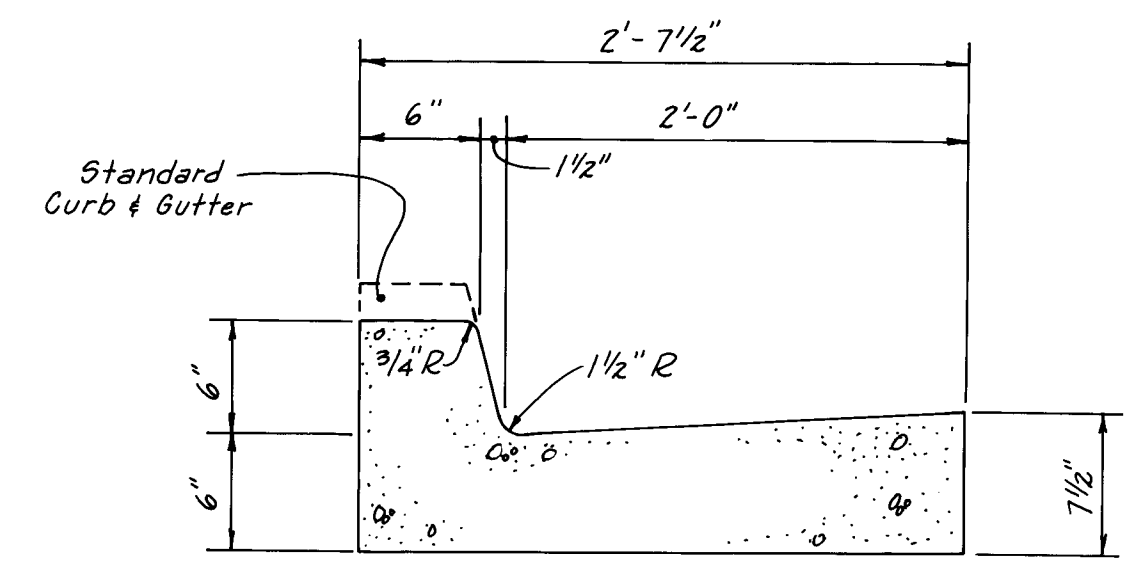
DOUBLE "C" CATCH BASIN DETAIL
Not to Scale



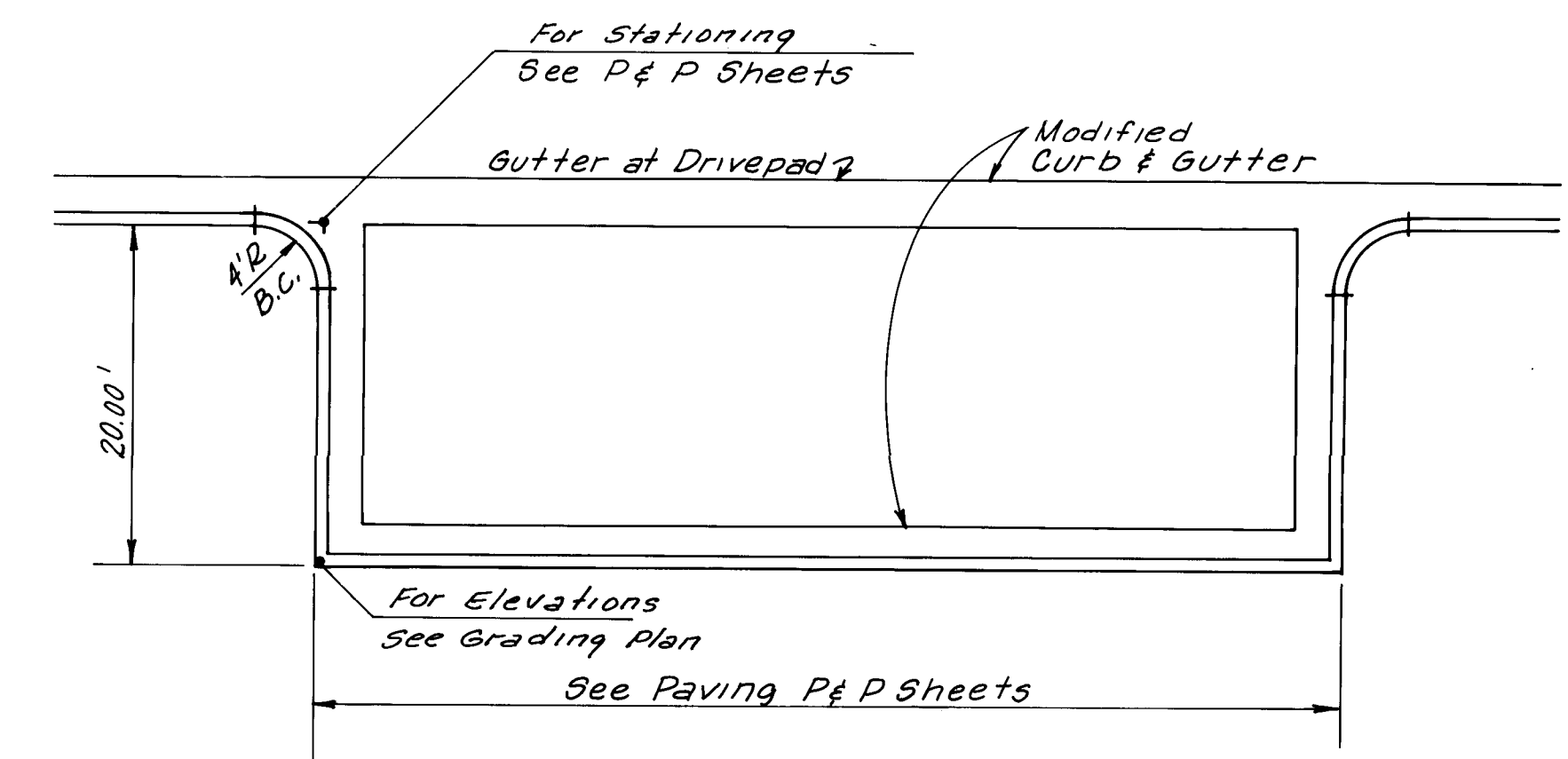
WHEEL CHAIR RAMP



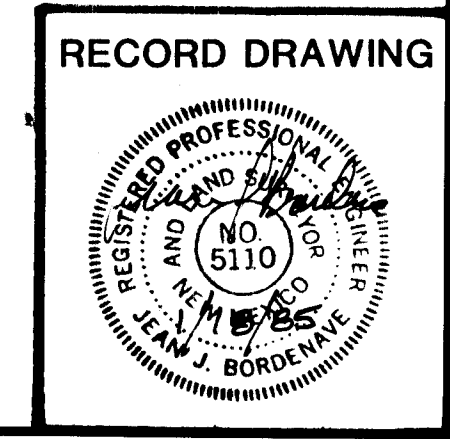
PARALLEL
PARKING BAY DETAIL



MODIFIED CURB & GUTTER DETAIL



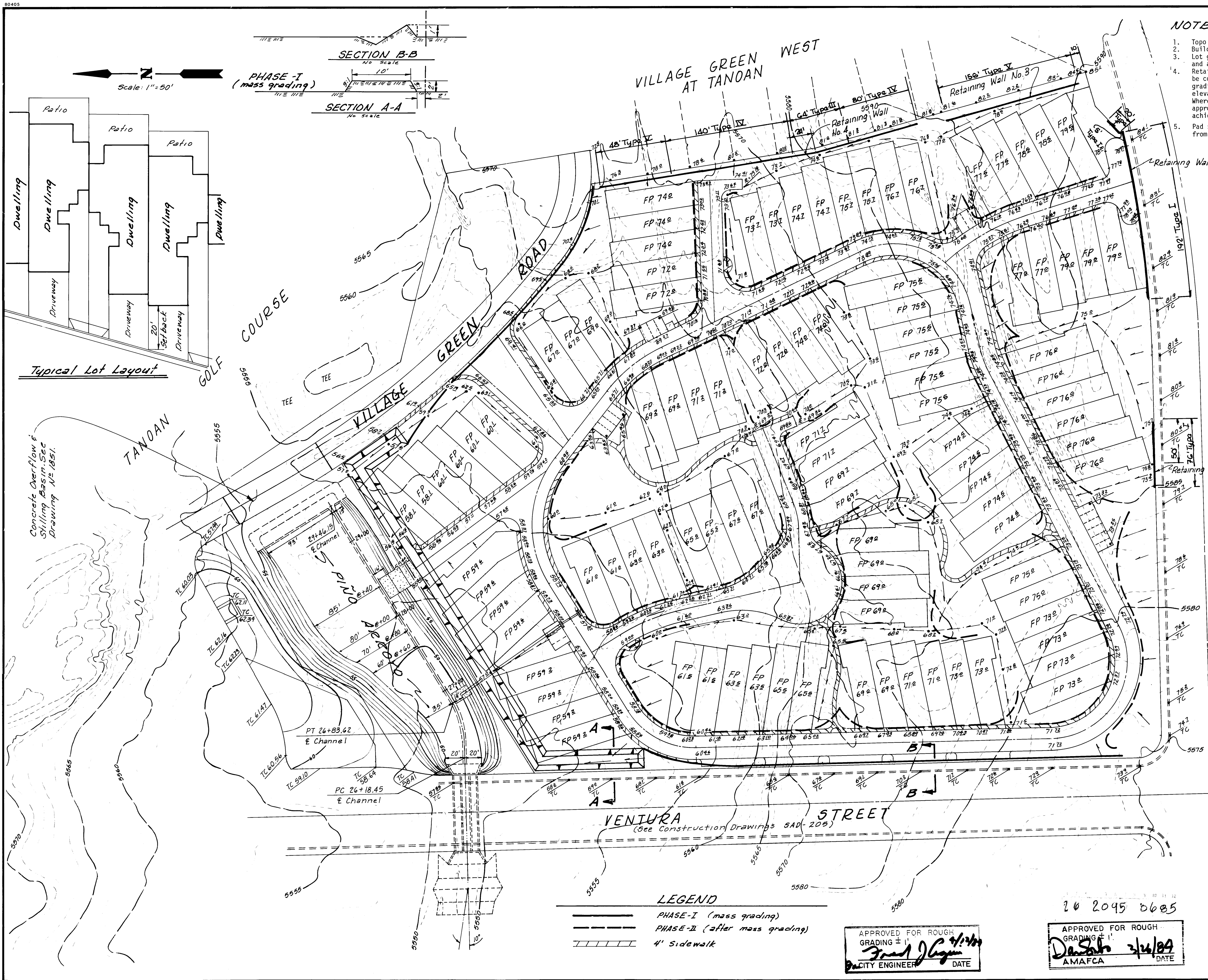
90° ANGLE
PARKING BAY DETAIL



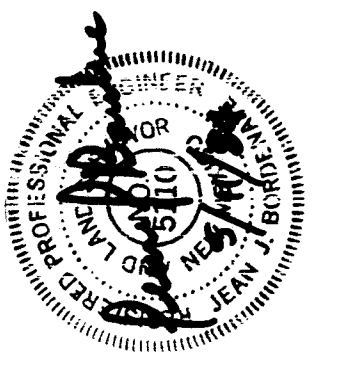
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: TORREY PINES at TANDAN PAVING DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/1/85	Liquid Waste	<i>[Signature]</i>	5/1/85
A.C.E. Design	<i>[Signature]</i>	5/1/85	Traffic	<i>[Signature]</i>	5/1/85
A.C.E. Hydrology	<i>[Signature]</i>	5/1/85	Water	<i>[Signature]</i>	5/1/85
DRAWING NO. 2095		MAP NO. E-20	SHEET 5 OF 5		

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	INTERMOUNTAIN	WORK	STATED BY DMM/AHA	DATE	7-84	NO.	DATE	NO.	BY	DATE	NO.	DATE	NO.	BY	DATE
INTERPRETER	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
FIELD	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
REVISION	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
MICRO-FILM INFORMATION				RECORDED BY				DATE				NO.			
C-99				REV. #5				DATE				NO.			

2001



- NOTES:**
- Topo taken from aerial photo dated December, 1977.
 - Building setback to be 20' minimum.
 - Lot grading to be in accordance with FHA MPS and all applicable requirements.
 - Retaining wall, terracing, steps, etc., shall be constructed where required to meet final lot, grading requirements. Swale elevations and spot elevations are to be FINISHED SURFACE elevations. Where sod, bark, gravel etc. is to be used, the appropriate amount of soil will be removed to achieve the elevation shown on these plans.
 - Pad size to be same size as lot with 15' offset from back of curb.

ENGINEER'S SEAL				SURVEY INFORMATION				BENCH MARKS				AS-BUILT INFORMATION			
				FIELD NOTES		DATE		ACCS "3.020"		Elev. 9544.94		CONTRACTOR INTERMOUNTAIN		DATE	
				NO.	BY	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	
REVISIONS				NO.		DATE		NO.		DATE		NO.		DATE	
				NO.		DATE		NO.		DATE		NO.		DATE	
REMARKS				NO.		DATE		NO.		DATE		NO.		DATE	
DWAM/Adam, Hamlyn, Anderson				NO.		DATE		NO.		DATE		NO.		DATE	
Planning				NO.		DATE		NO.		DATE		NO.		DATE	
Engineering				NO.		DATE		NO.		DATE		NO.		DATE	
Systems				NO.		DATE		NO.		DATE		NO.		DATE	
Economics				NO.		DATE		NO.		DATE		NO.		DATE	

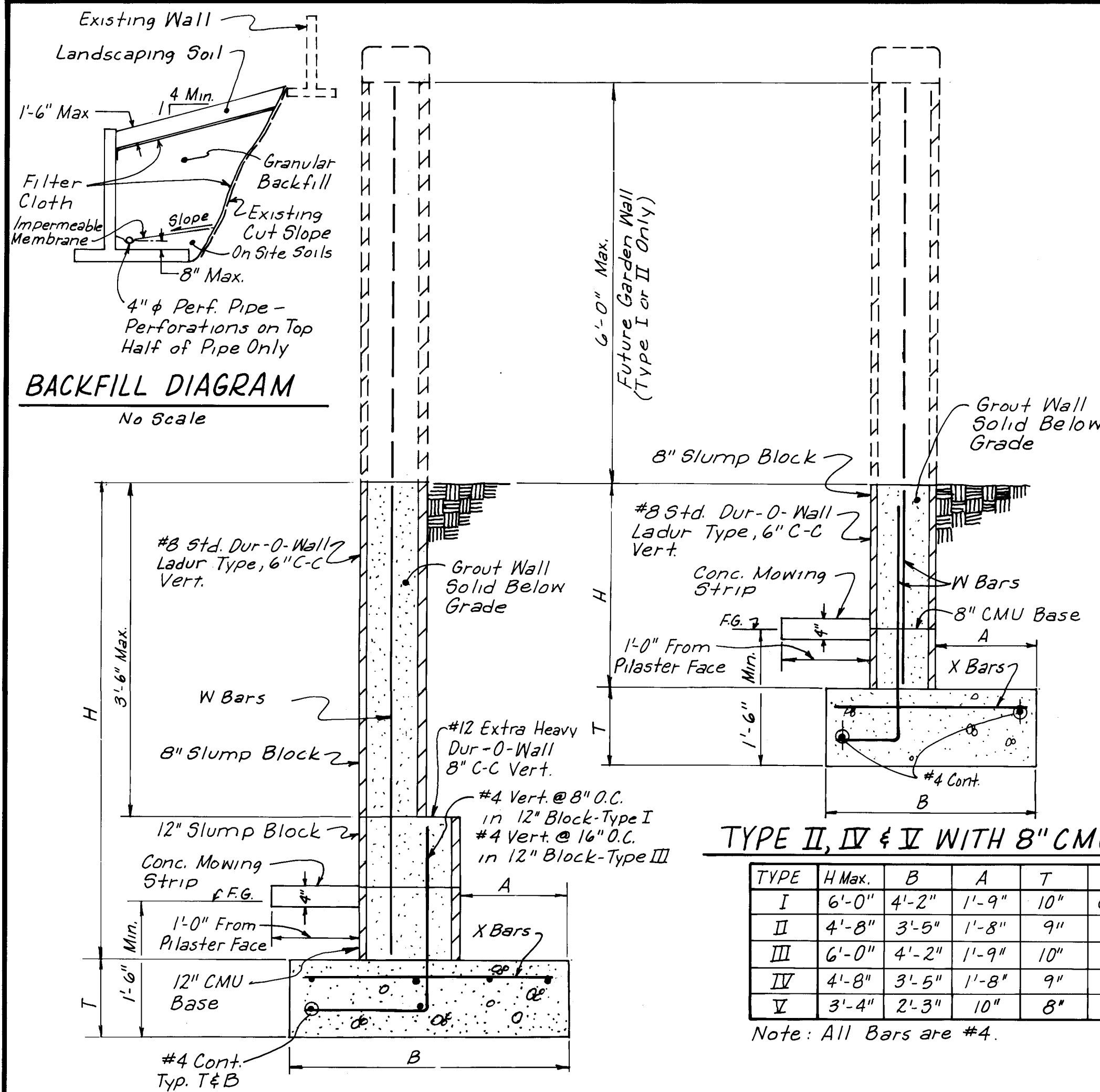
RECORD DRAWING

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

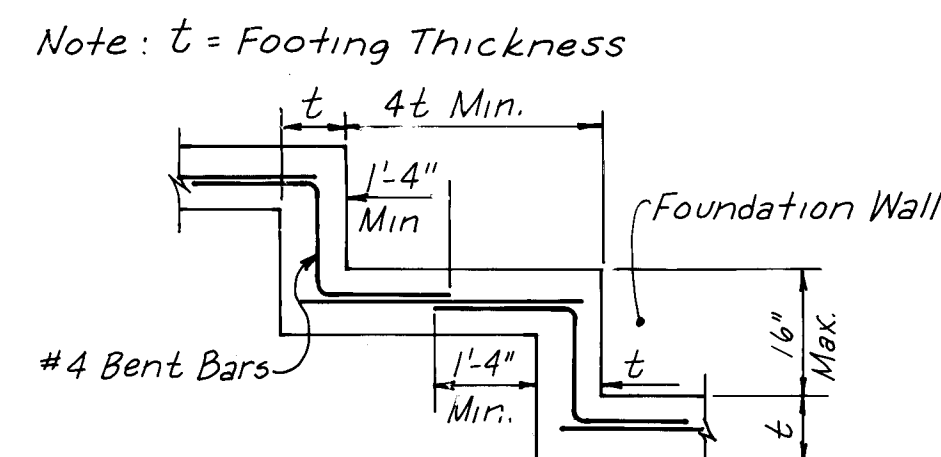
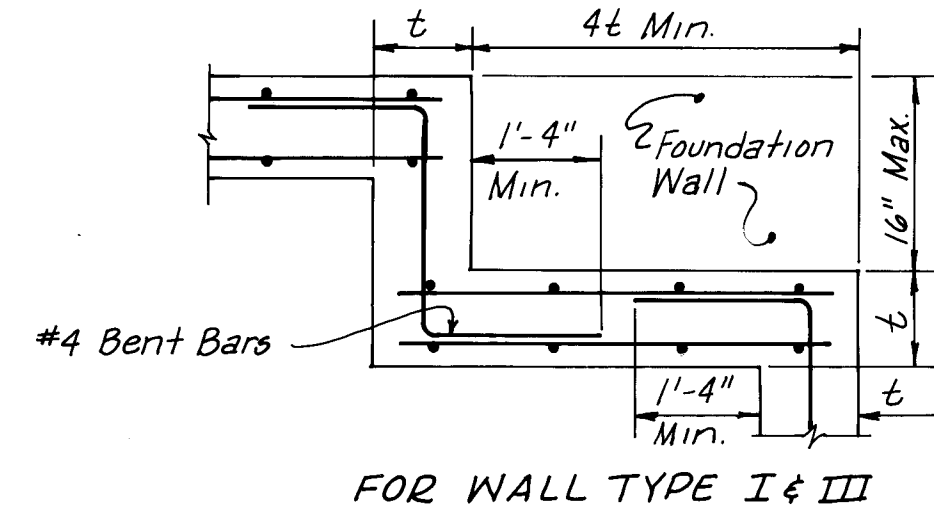
TITLE: TORREY PINES at TANDOAN
GRADING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/14/84	Liquid Waste	<i>[Signature]</i>	3/14/84
A.C.E. Design	<i>[Signature]</i>	3/14/84	Traffic	<i>[Signature]</i>	3/14/84
A.C.E. Hydrology	<i>[Signature]</i>	3/14/84	Water	<i>[Signature]</i>	3/14/84

DRAWING NO. 2095 **MAP NO.** E-20 **SHEET** 6 **OF** 21



- MATERIAL SPECIFICATIONS:
A. MASONRY UNITS - ASTM C-90
B. MORTAR, TYPE S - ASTM C-270
C. GROUT, f'c = 2000 psi - ASTM C-476
D. CONCRETE, f'c = 3000 psi at 28 days
E. BAR REINFORCING - ASTM A-615 GR.40
F. JOINT REINFORCING - ASTM A-82
G. GRANULAR BACKFILL - FREE OF VEGETATION, DEBRIS AND OTHER DELETERIOUS MATERIALS.
GRADUATION AS FOLLOWS: (ASTM D-422)
SIEVE SIZE % PASSING
3 inch 100
3/4 inch 0
 - NO EMBANKMENT SLOPE SHALL EXTEND TO WITHIN 10 FEET OF RETAINAGE SIDE. EMBANKMENTS EXTENDING FROM TOE SHALL HAVE MAX. SLOPE OF 3:1 HORIZ/VERT
 - PROVIDE MASONRY CONTROL JOINTS @ 24 FEET O/C MAX.
 - ALL REINFORCING SHALL HAVE THE FOLLOWING CONCRETE COVER: BOTTOM & SIDES - 3 inches; TOP - 2 inches.
 - LAP BAR REINFORCING MIN. 1'-4" AND JOINT REINF. 9 INCHES.
 - DESIGN CRITERIA:
A. WIND LOAD = 15 psf
B. HORIZ. EARTH PRESS. = 35 pcf
C. SOIL BEARING PRESS. = 1000 psf
 - VIBRATE ALL CONCRETE & GROUT.
 - ALL BLOCK IS SLUMP BLOCK.
- WALLS ARE NOT DESIGNED FOR SATURATED EARTH CONDITIONS
WALL BACKFILL SYSTEM IS DESIGNED TO ELIMINATE SATURATED CONDITIONS.



STEPPED FOOTING DETAILS

No Scale

TYPE II, IV & V WITH 8" CMU BASE

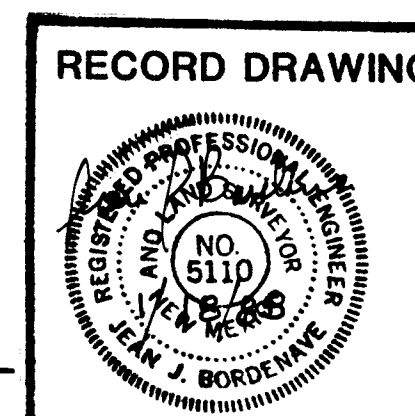
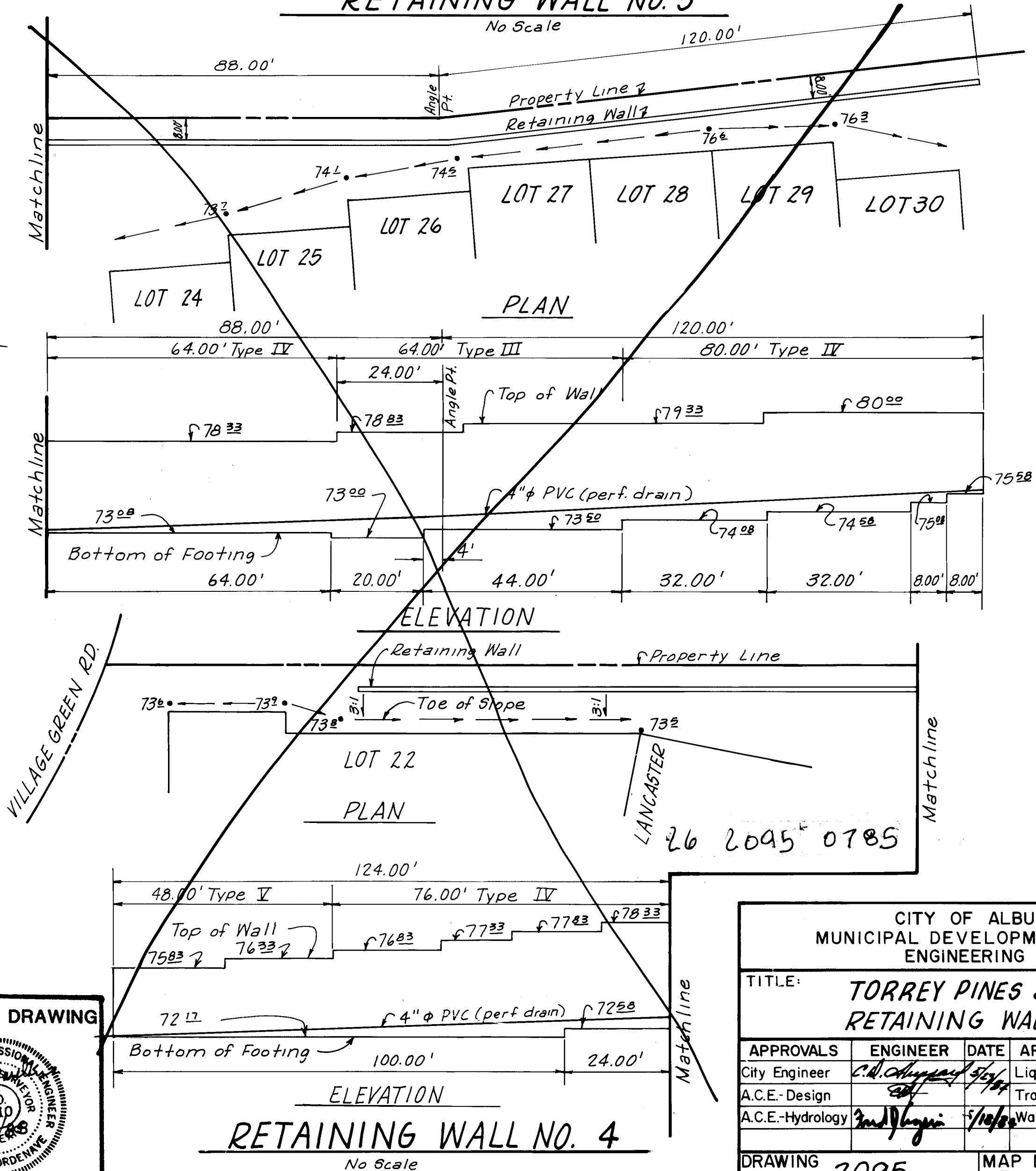
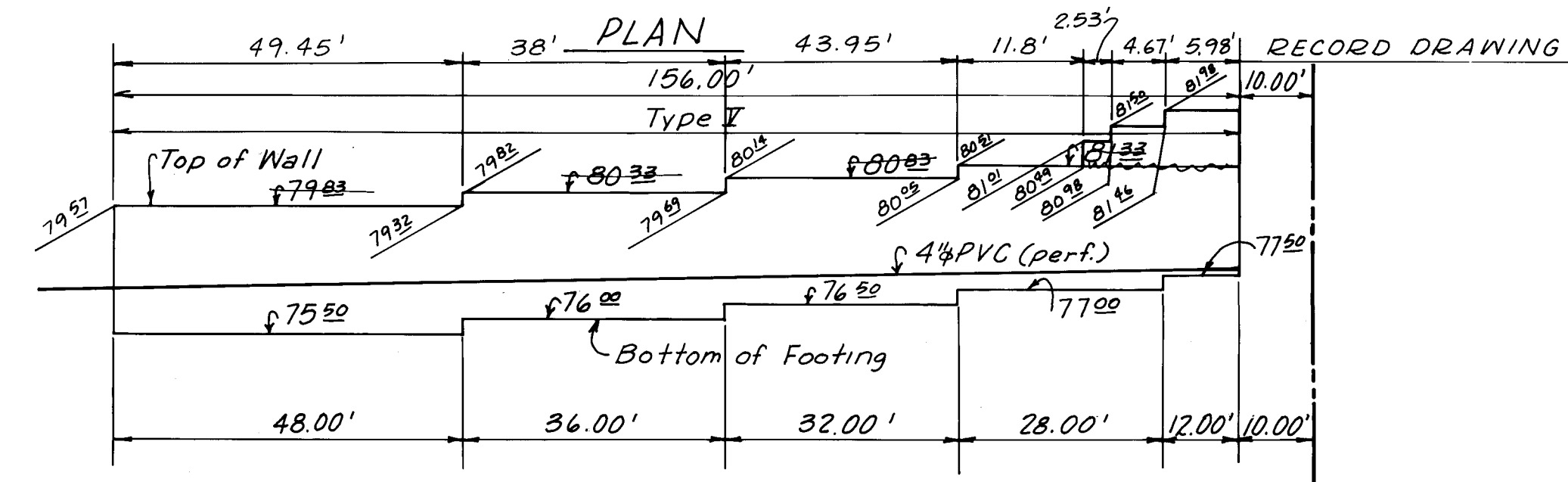
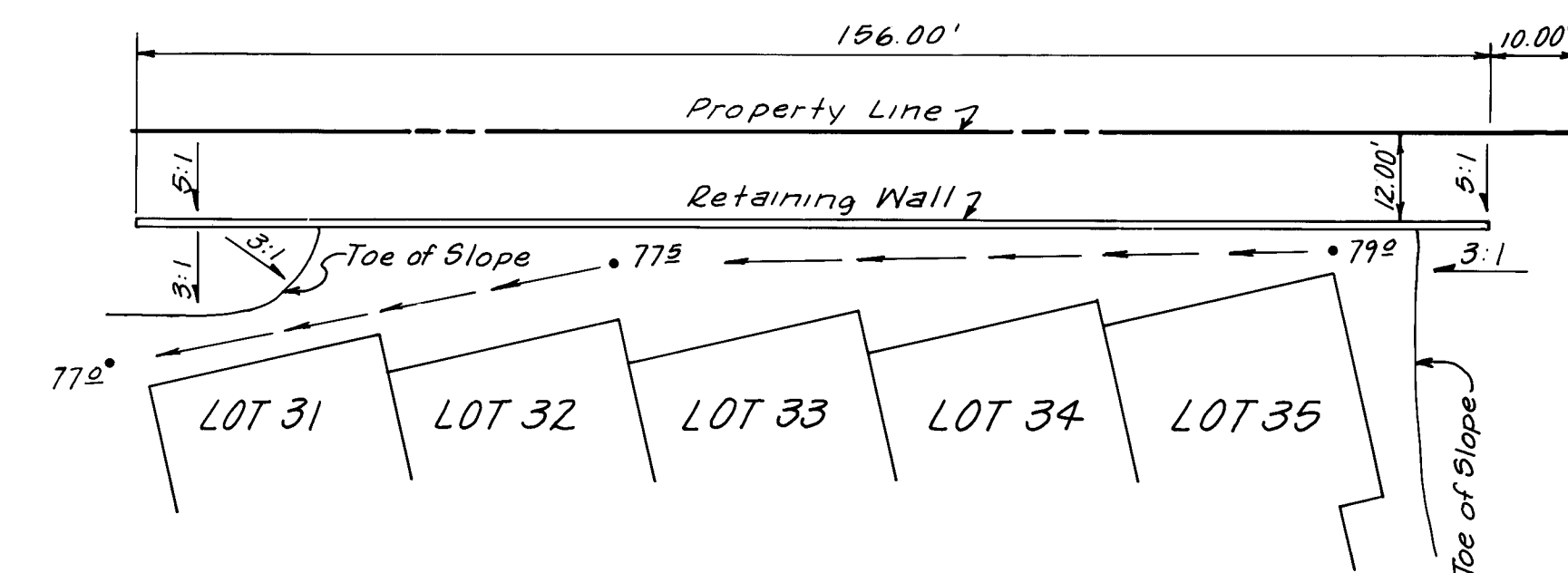
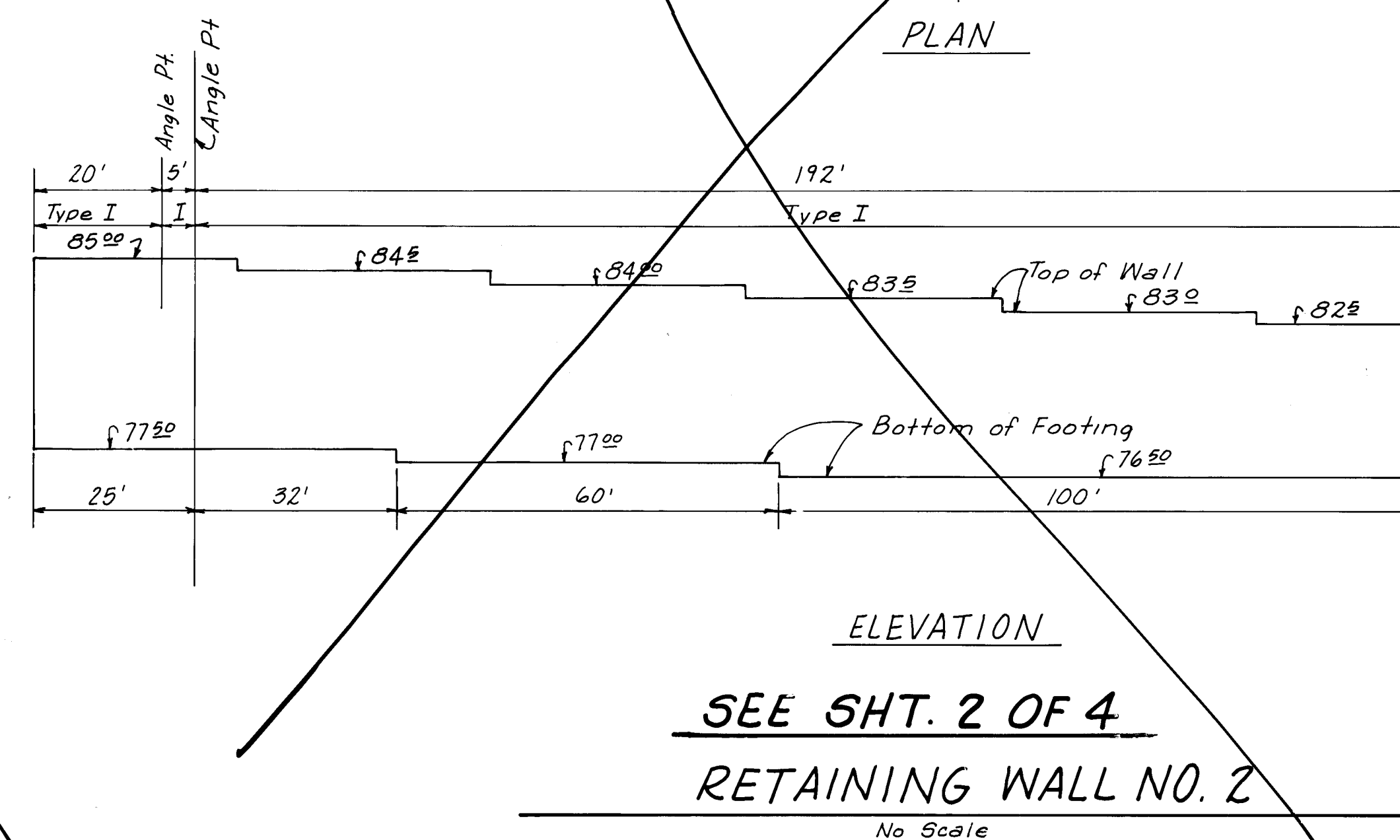
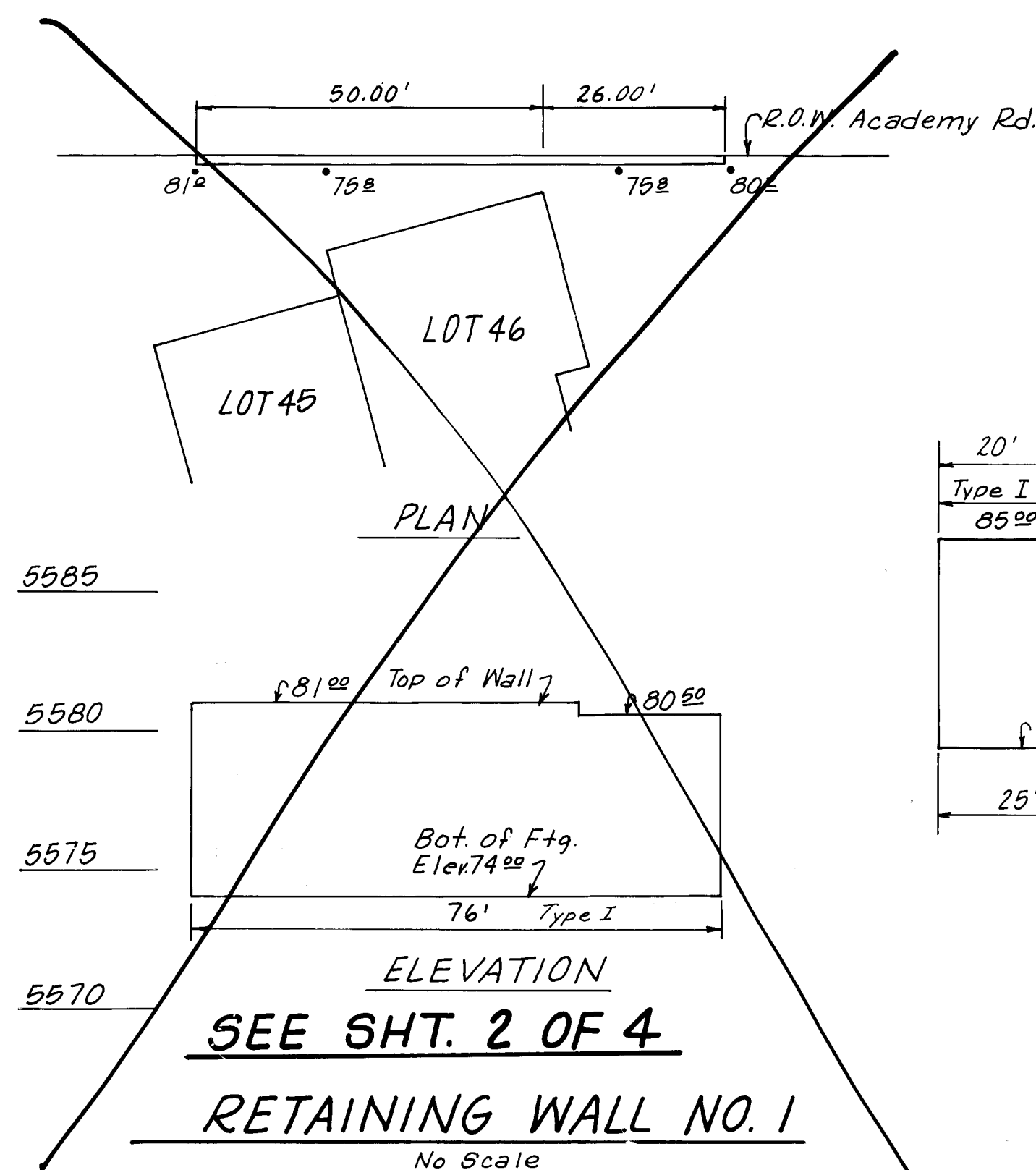
TYPE	H Max.	B	A	T	X	W
I	6'-0"	4'-2"	1'-9"	10"	@ 16"	@ 16"
II	4'-8"	3'-5"	1'-8"	9"	@ 24"	@ 8"
III	6'-0"	4'-2"	1'-9"	10"	@ 16"	@ 16"
IV	4'-8"	3'-5"	1'-8"	9"	@ 24"	@ 24"
V	3'-4"	2'-3"	1'-8"	8"	@ 24"	@ 24"

Note: All Bars are #4.

TYPE I & III WITH 12" CMU BASE

RETAINING WALL DETAILS

No Scale



CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: **TORREY PINES at TANOAN**
RETAINING WALL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. J. BORDO	5/1/00	Liquid Waste	W. A. WATZ	5/1/00
A.C.E. Design	C. J. BORDO	5/1/00	Traffic	W. A. WATZ	5/1/00
A.C.E. Hydrology	C. J. BORDO	5/1/00	Water	W. A. WATZ	5/1/00

DRAWING NO. **2095** MAP NO. **E-20** SHEET **7** OF **21**

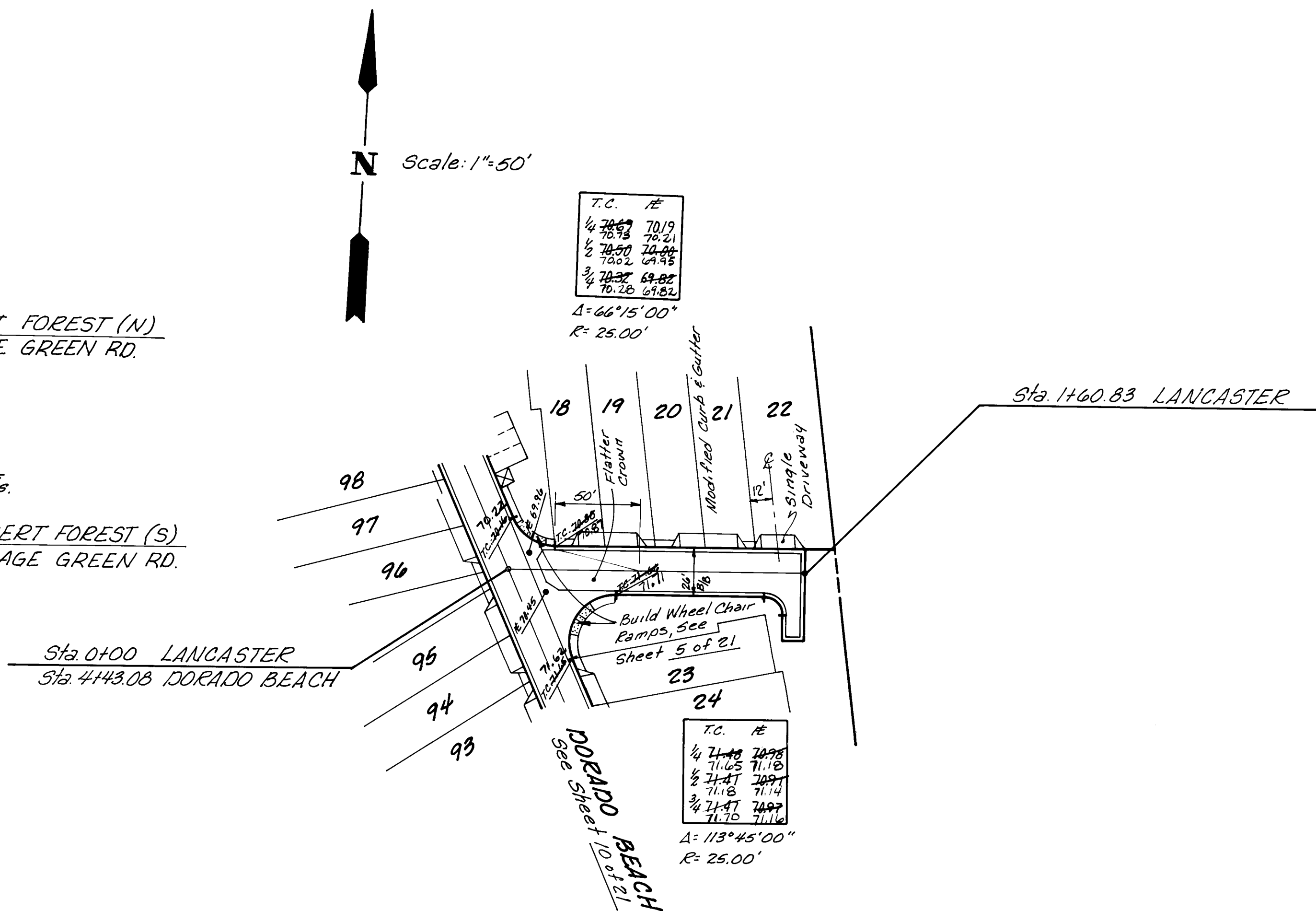
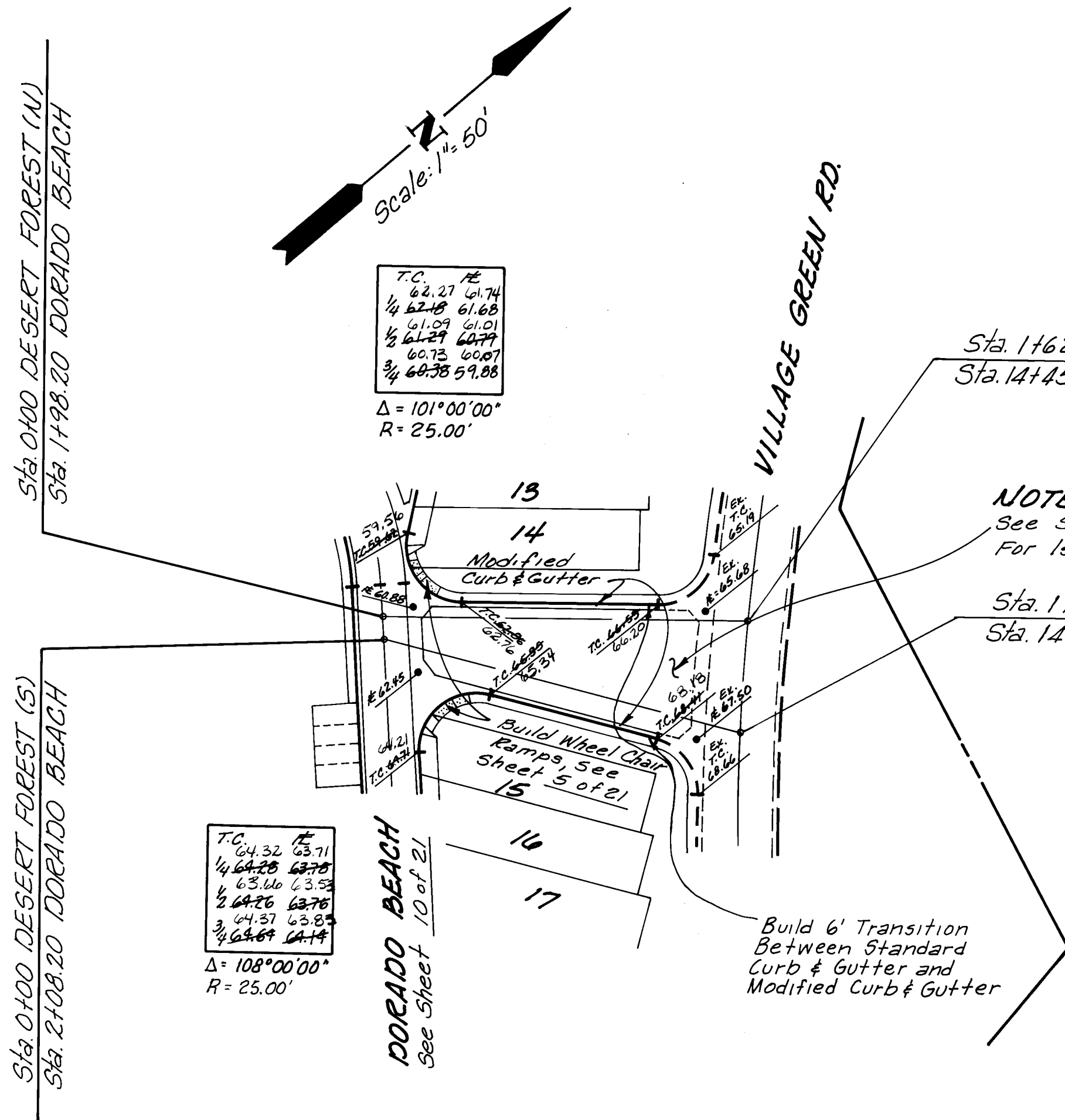
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	INTERMOUNTAIN	ACCS	3-D20"	DATE	BY	DATE	BY
WORK	5544194	DATE	5/1/00	DATE	BY	DATE	BY
ACCEPTED BY	DATE	DATE	DATE	DATE	DATE	DATE	DATE
RECORDED BY	DATE	RECORDED BY	DATE	RECORDED BY	DATE	RECORDED BY	DATE

REVISIONS

NO.	DATE	REMARKS
1	8-23-04	SHT. REVISED

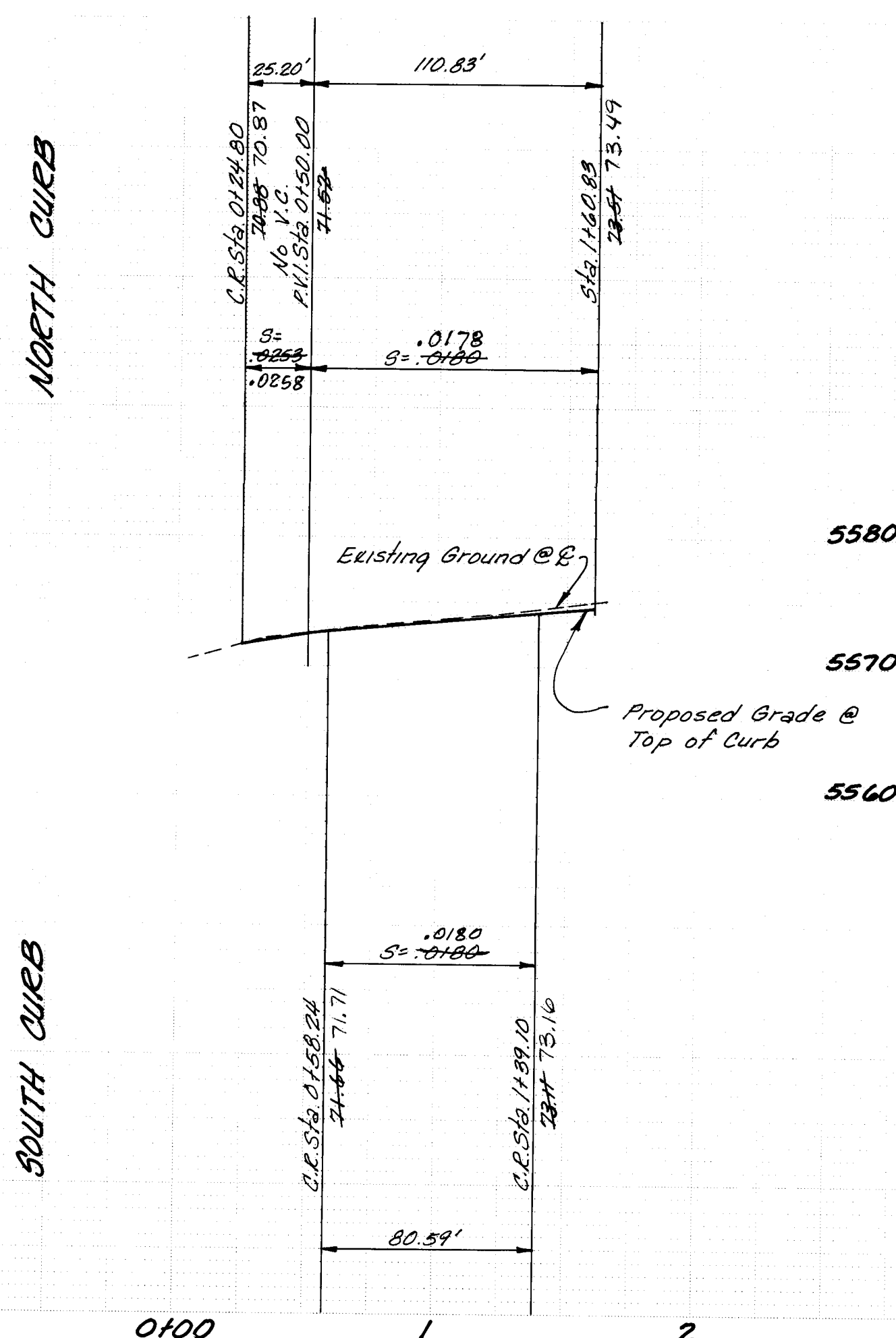
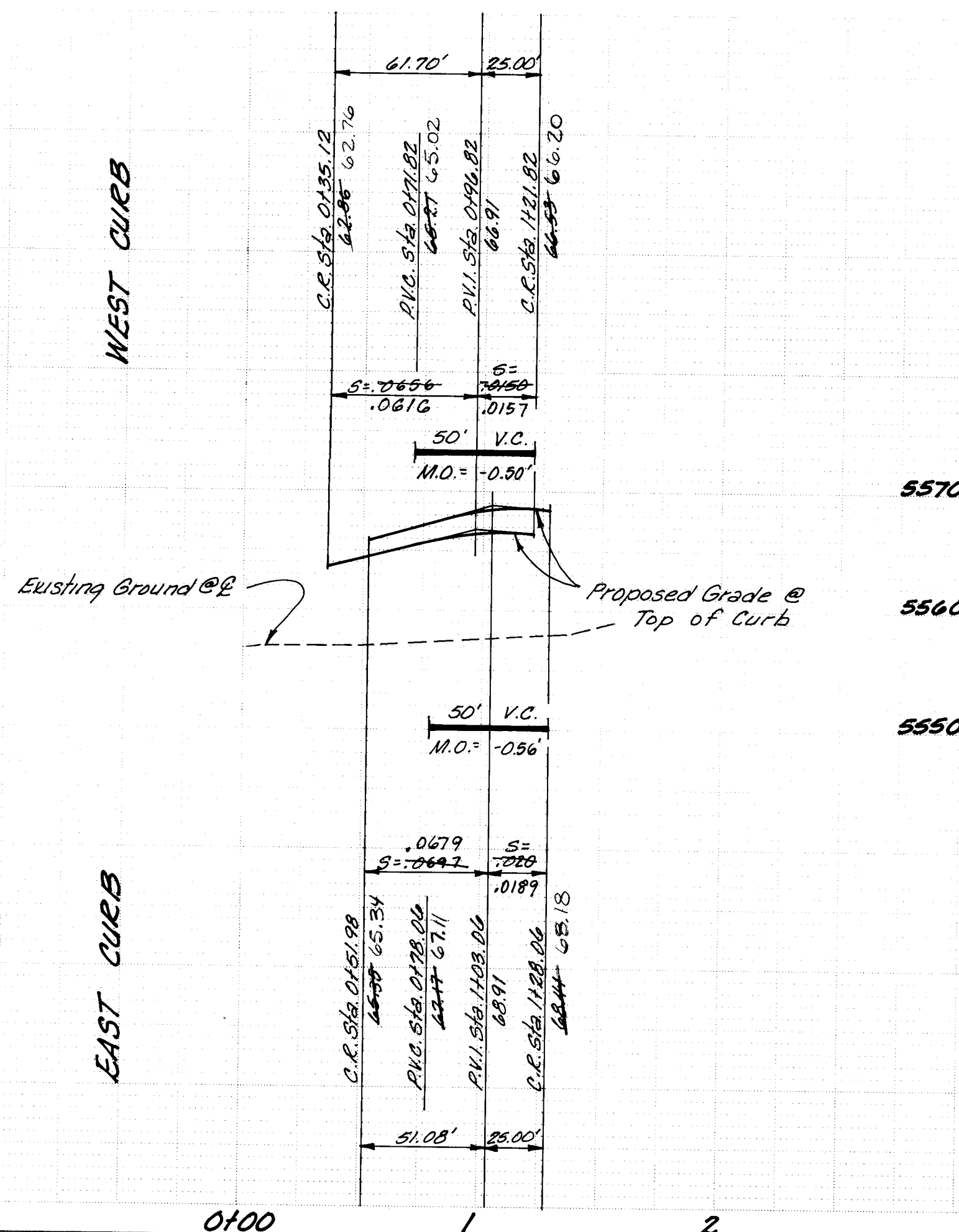
ENGINEER'S SEAL

DMM/Adam, Hamlyn, Anderson
Planning
4055 Montgomery Boulevard N.E.
Albuquerque, New Mexico 87109
Telephone 505/881-1808

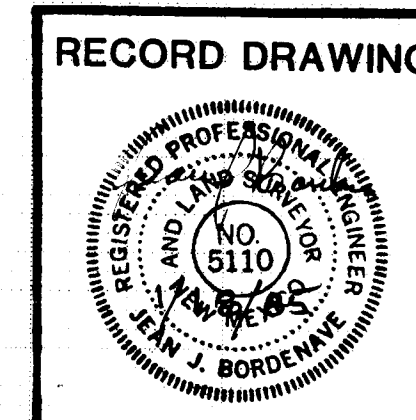


DESERT FOREST

LANCASTER



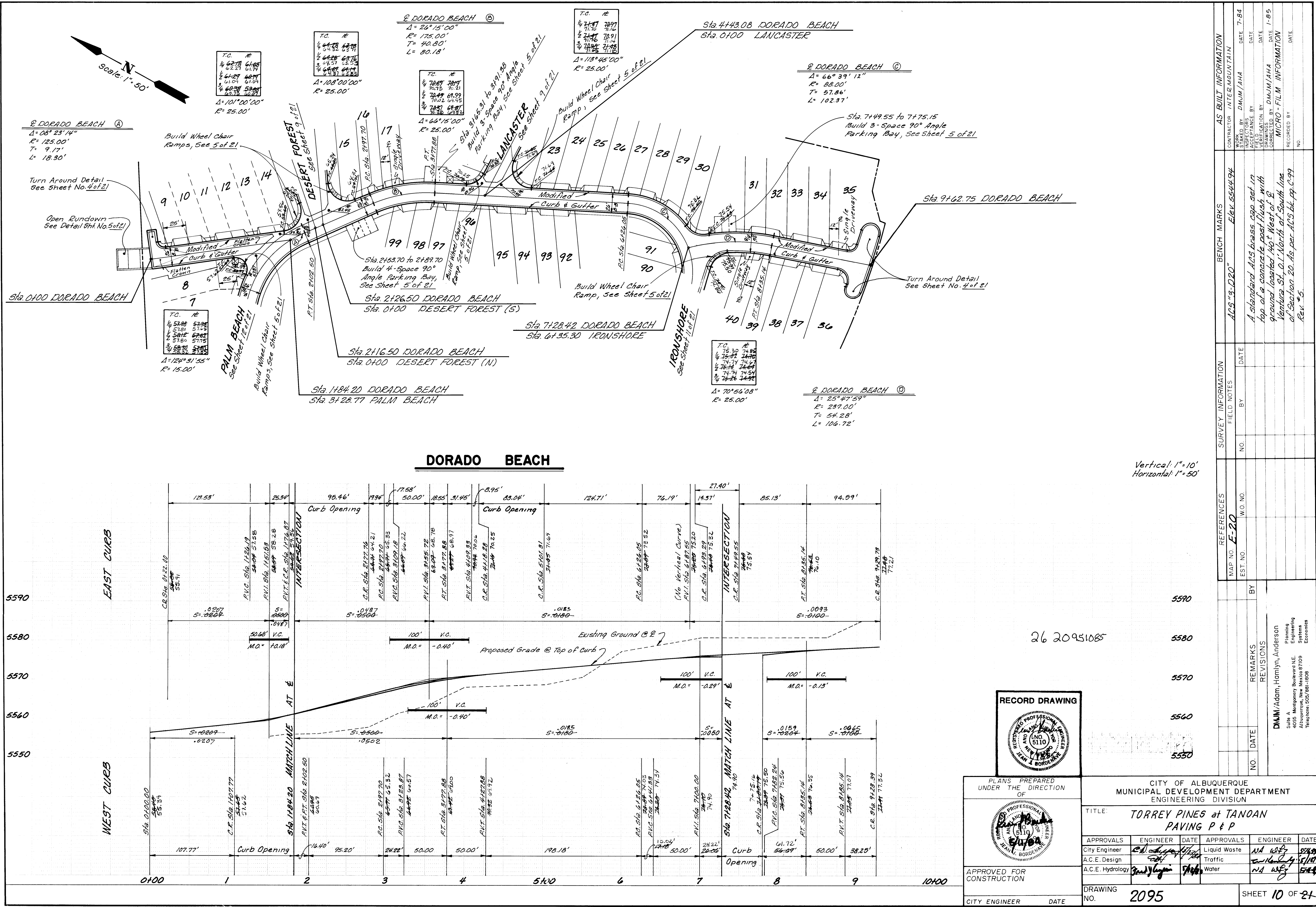
Vertical: 1" = 10'
Horizontal: 1" = 50'



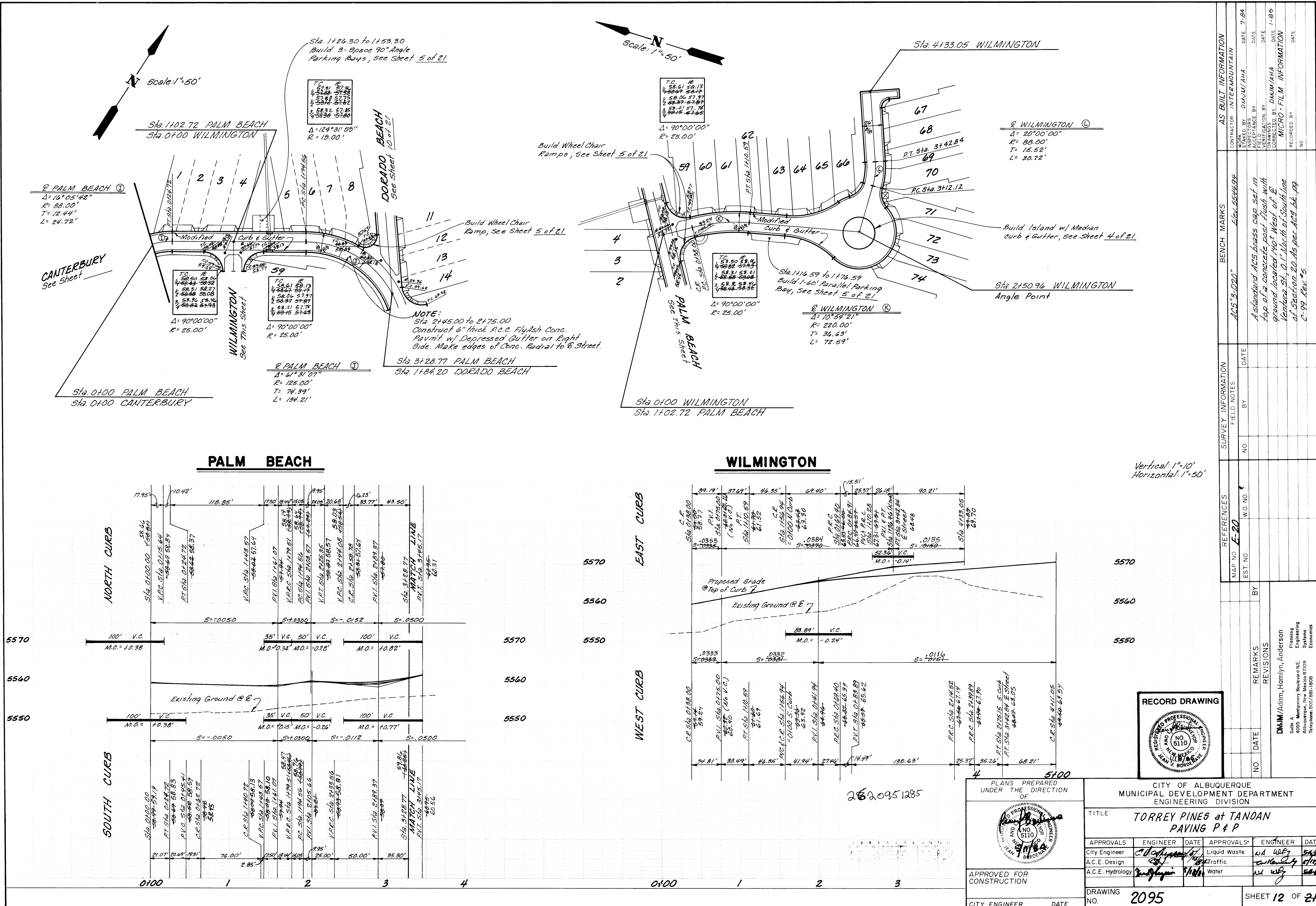
26 2095 0985

PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
APPROVED FOR CONSTRUCTION		TITLE: TORREY PINES at TANOAN PAVING P & P	
CITY ENGINEER	DATE	APPROVALS	ENGINEER
		ENGINEER	DATE
		LIQUID WASTE	DATE
		TRAFFIC	DATE
		WATER	DATE
DRAWING NO. 2095		SHEET 9 OF 21	

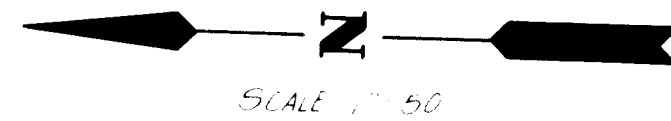
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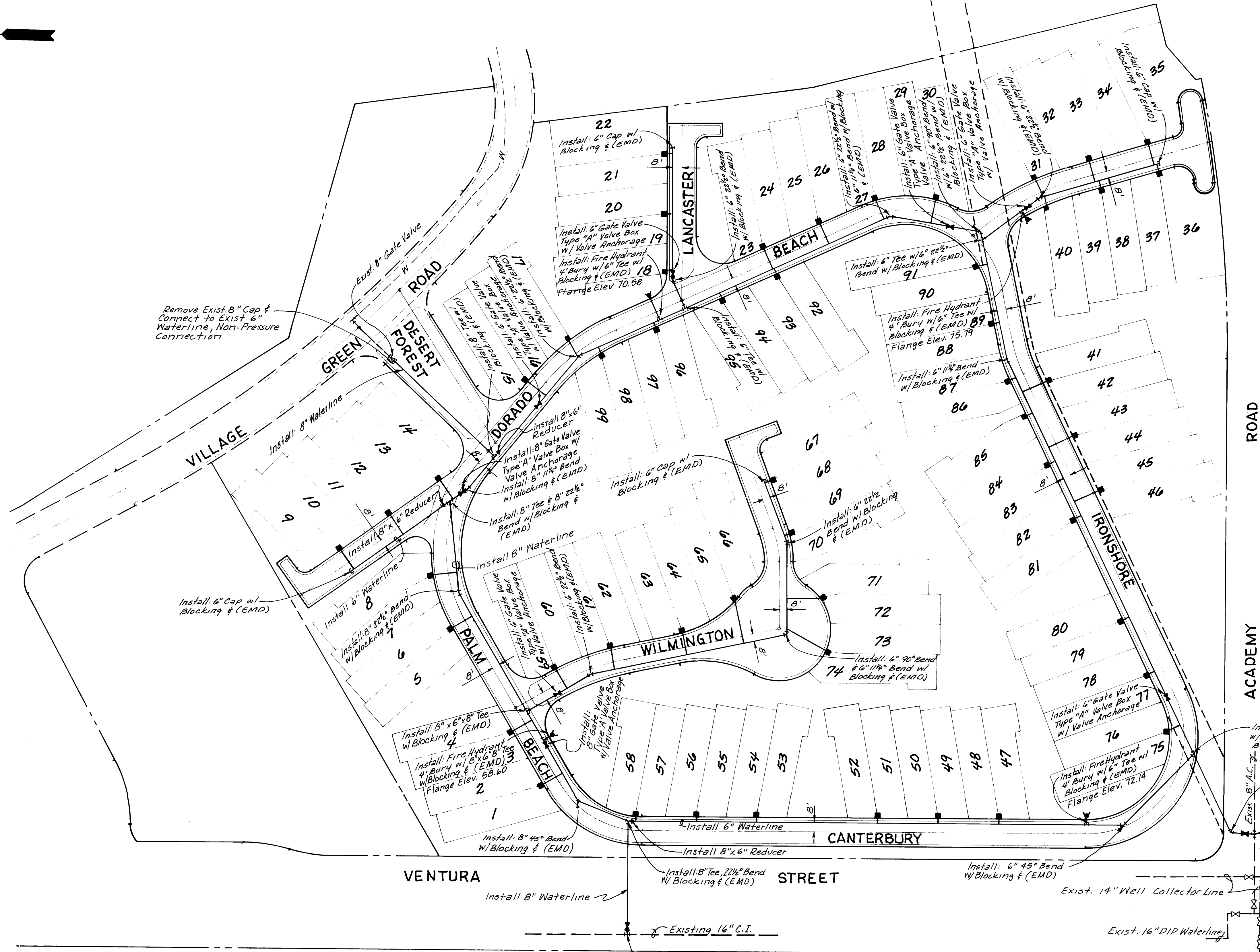
2095



2095



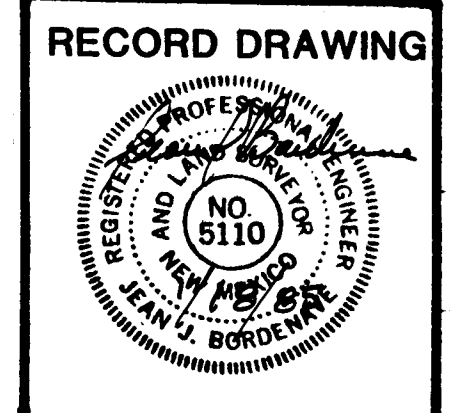
SCALE 1" = 50'



Standard Details For Water

- | | |
|--------|--------|
| W-2-3 | W-15-2 |
| W-3-2 | W-16 |
| W-4-1 | W-19 |
| W-7-1 | W-20-1 |
| W-8-1 | W-21 |
| W-10-3 | W-22 |
| W-14-1 | |

LEGEND	
	Proposed Waterline
	Proposed Valve & Box
	Proposed Fire Hydrant
	Proposed Water Meter
	Cap & Blocking
	Existing Waterline
	Existing Valve & Box



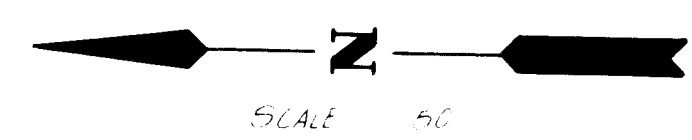
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DIVISION ENGINEERING DIVISION					
TITLE TORREY PINES at TANOAN WATER LAYOUT					
APPROVALS City Engineer A.C.E. Design A.C.E. Hydrology	ENGINEER <i>Stanley J. Borok</i> DATE 1/14/11	DATE 1/14/11	APPROVALS Liquid Waste Traffic Water	ENGINEER <i>NA</i> DATE 1/14/11	DATE 1/14/11
DRAWING NO. 2095	MAP NO. E-20	SHEET 13	OF 21		

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		F.E. NOTES NO. DATE		4103.3 020" ELEV. 5544.94		CONTRACTOR INTERMOUNTAIN NO. DATE 7-84	
				A standard 425 brass cap set 12" top of a concrete post flush with ground located 140' West of 2nd Venture St. 0.1' North of South line of Section 20. As per ACS 64 29 C-99 Rev. 45		ASPECTOR DATE 7-84 INTERMOUNTAIN DATE 7-84 MICRO-FILM INFORMATION RECORDED BY DATE	

REVISIONS		REMARKS	
NO.	DATE	BY	
1			DNM/Adm, Hamlyn, Anderson Planning Engineering Systems Economics 4055 Montemore Boulevard NE. Albuquerque, New Mexico 87109 Telephone: 505/861-5000

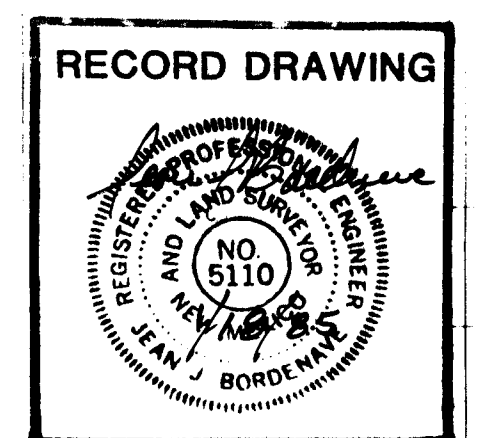
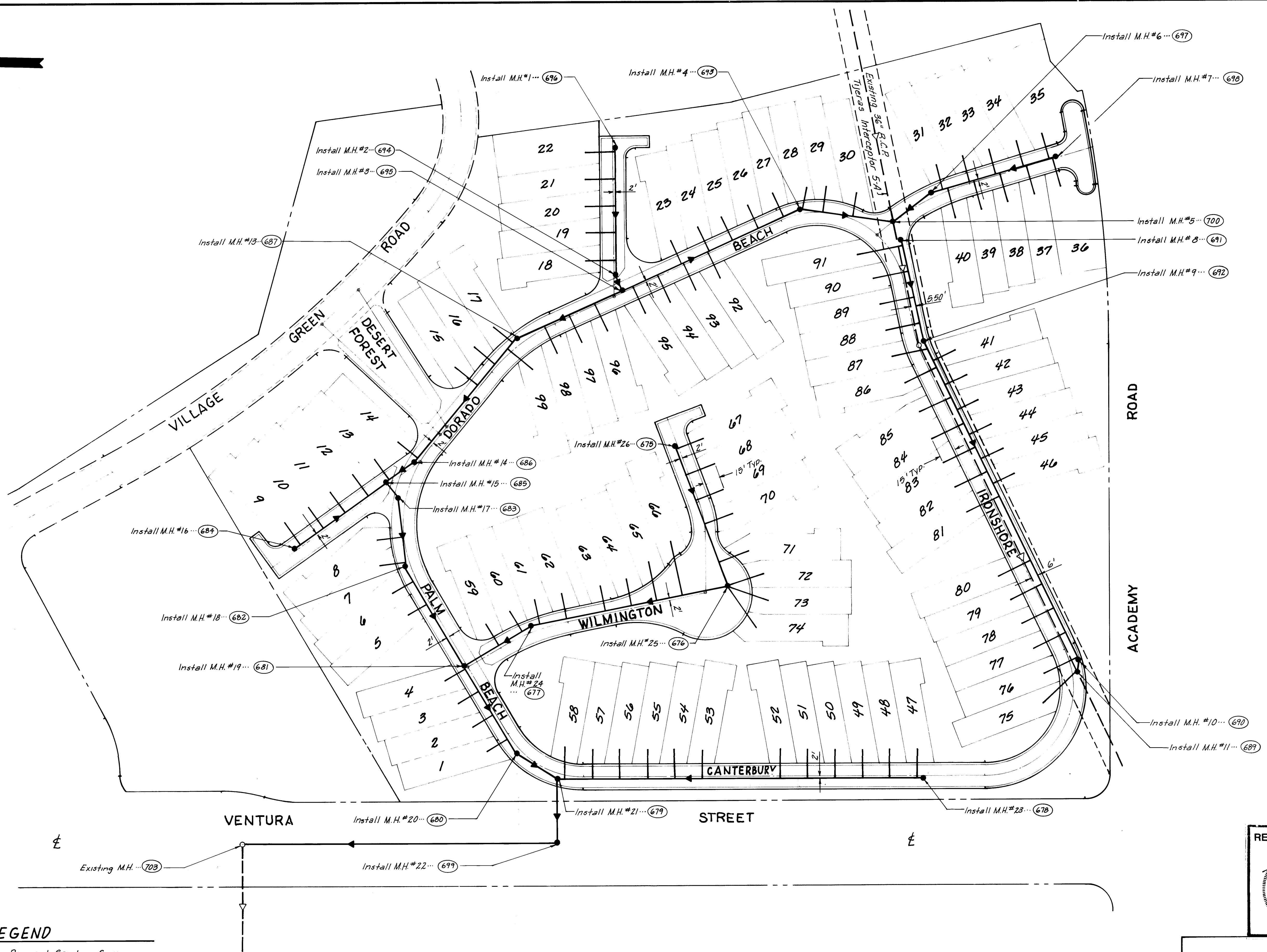
26 20951385

2095



LEGEND	
	Proposed Sanitary Sewer (with Flow Direction)
	Proposed Sanitary Manhole
	Existing Sanitary Sewer (with Flow Direction)
	Existing Sanitary Manhole
	Coordinate Point for Proposed Sanitary Manhole

Standard Details For Sewer	
S-1-4	S-5-2
S-2-4	S-6-1
S-3-2	S-8-4
S-4-2	S-9
	S-10



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE TORREY PINES at TANDAN SANITARY SEWER LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. [Signature]</i>	5/14/85	Liquid Waste	<i>W. [Signature]</i>	5/14/85
A.C.E. Design	<i>[Signature]</i>	5/14/85	Traffic	<i>W. [Signature]</i>	5/14/85
A.C.E. Hydrology	<i>[Signature]</i>	5/14/85	Water	<i>W. [Signature]</i>	5/14/85
DRAWING NO.	2095	MAP NO.	E-20	SHEET	14 OF 21

AS-BUILT INFORMATION	
CONTRACTOR INTERMOUNTAIN	DATE 7-84
WORK BY DIAM/HA	DATE
ASPECTS	DATE
VERIFICATION BY	DATE
COMPLETION BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NC	
BENCH MARKS	
ACS 3-1220	Elev. 5544.94
A standard 4x5 brass cap set in top of a concrete post flush with ground located 140' West of E Ventura St. 21' North of South line of Section 22. As per ACS of 1929 Rev. #5	
SURVEY INFORMATION	
FILE	DATE
NO	
ENGINEER'S SEAL	
REVISIONS	
NO.	DATE
1	DATE
2	DATE
3	DATE
4	DATE
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26 2095 1485

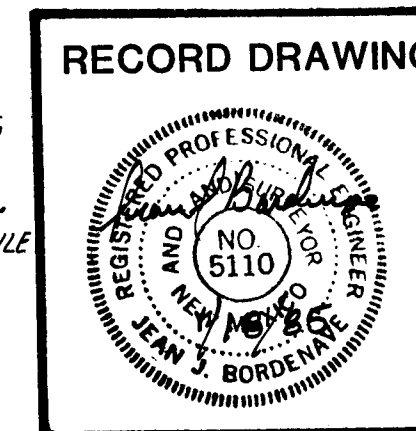
DESERT FOREST



RECORD DRAWING			
<u>LOT NO.</u>	<u>STATION</u>	<u>LENGTH</u>	<u>INVER</u>
18	0+31	26.0	68.4
19	0+60	26.0	68.2
20	0+87	26.0	68.8
21	1+13	25.3	68.8
22	1+38	25.8	69.1



NOTE: SEWER STATIONING IS ALONG
 A SEWER LINE AND DOES NOT
 ADJUST FOR CURVES IN STREET.
 DISTANCES & SLOPES SHOWN IN PROFILE
 ARE FROM 2 M.H. TO 2 M.H.



PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
		TITLE TORREY PINES at TANOAN WATER and SEWER P & P					
		APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
		City Engineer	<i>A.D. Gonzalez</i>	<i>1/15/14</i>	Liquid Waste	<i>wfj</i>	<i>5-17-13</i>
		A.C.E Design	<i>ed</i>		Traffic	<i>NH and</i>	<i>5-17-13</i>
		A.C.E Hydrology	<i>mwh/gym</i>	<i>5/16/13</i>	Water	<i>wfj</i>	<i>5-17-13</i>
APPROVED FOR CONSTRUCTION		DRAWING NO.				SHEET	
CITY ENGINEER	DATE	2095				15 OF 24	

DATE	REVISED	REFERENCES	SURVEY INFORMATION	BENCH MARKS	AS BUILT INFORMATION
MAY 1980	E-20	A.M.		AOS "3-DRO"	CONCRETE INTERMOUNTAIN
JUN 1980		"A.M."		FLN 5644.94	WALL BASELINE BY SURFACE BY ACCEPTANCE BY ELECTRICIAN BY MECHANICAL BY PAINTING BY CABINETRY BY DOORSET BY OAK BY PINE BY
				A standard AOS brass cap set in top of concrete post flush with ground located 140' West of Ventura St., 0.1 North of Southline of Section 20 As per ACS set pg C-99 Rev #5.	DMM/AHA DMM/AHA MICHO - FILM INFORMATION
					7-84 1-85

[illegible]

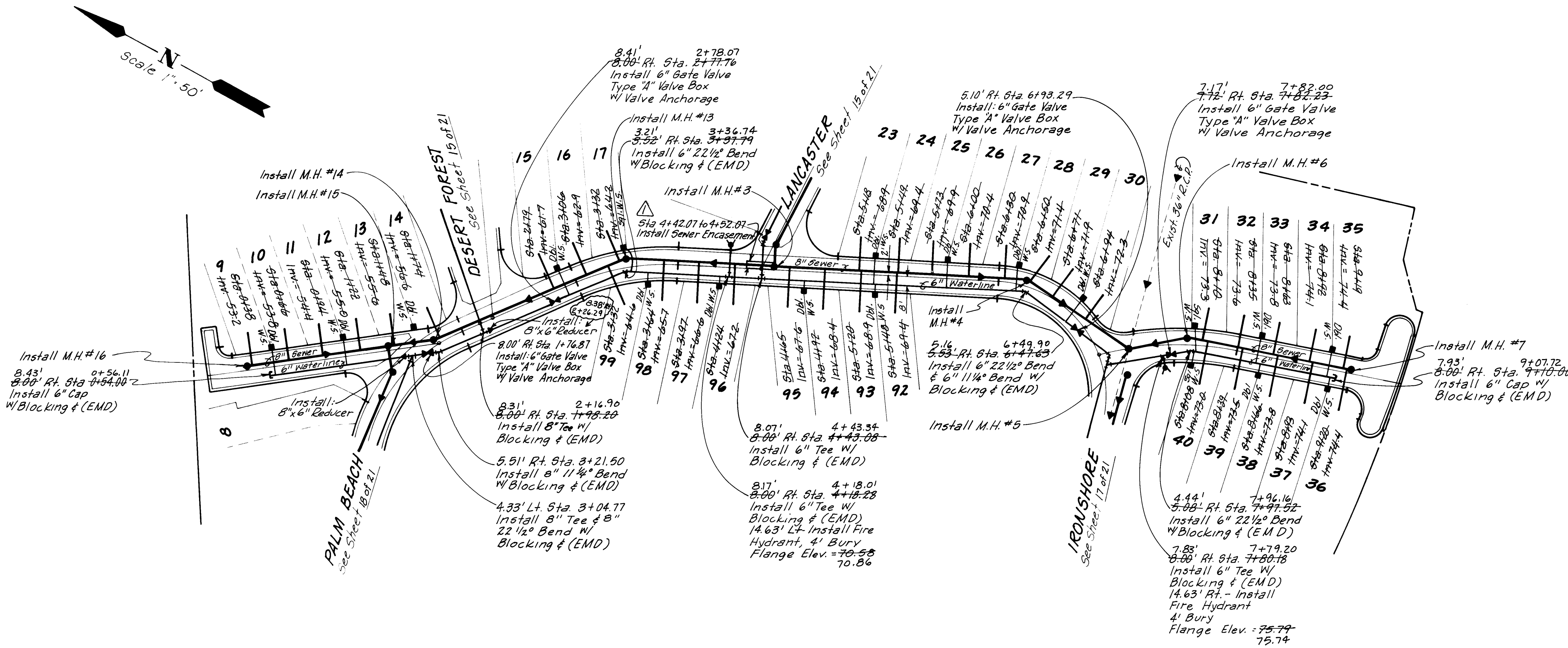
ADAM, HOLLYN, ANDERSON
Suite A
4045 Montgomery Boulevard NE
Albuquerque, New Mexico 87109
Telephone 505/881-1908
Planning
Engineering
Systems
Economics

2005

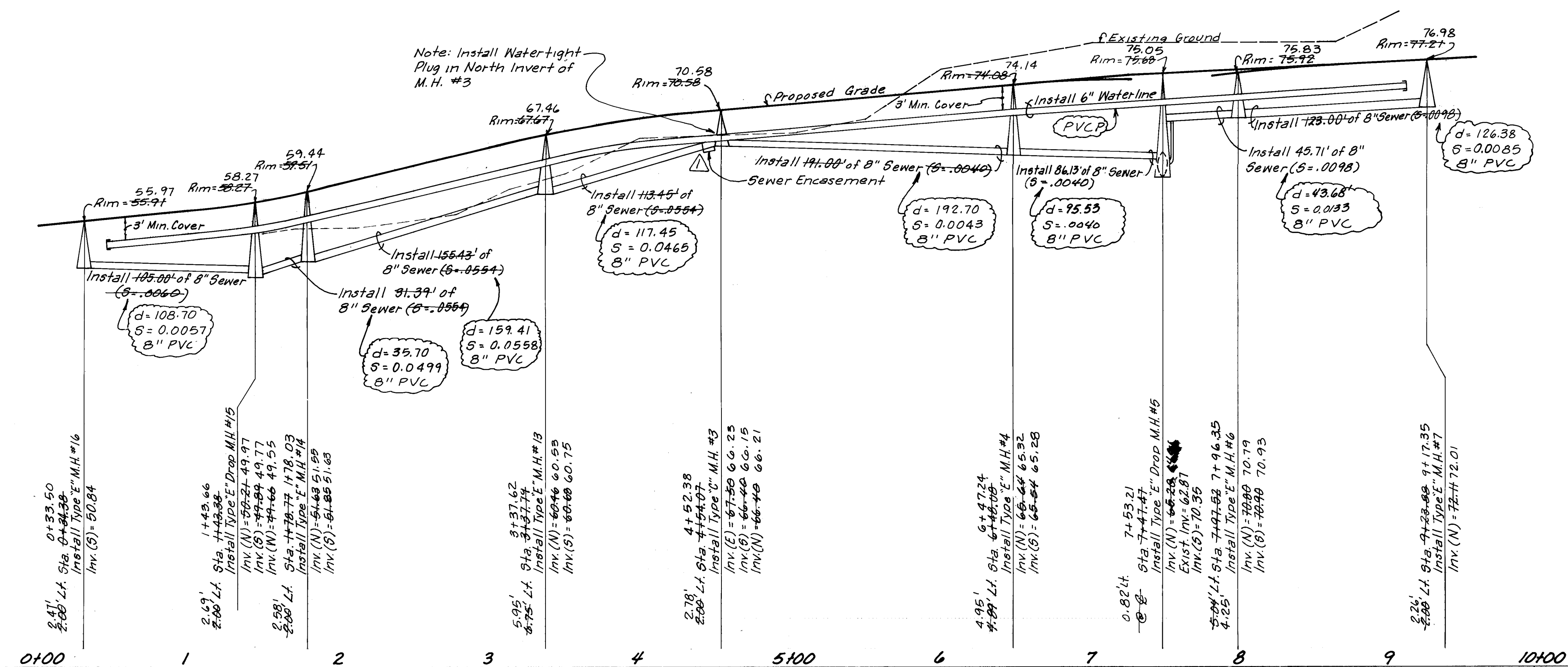
22

2095

5590
5580
5570
5560
5550



DORADO BEACH



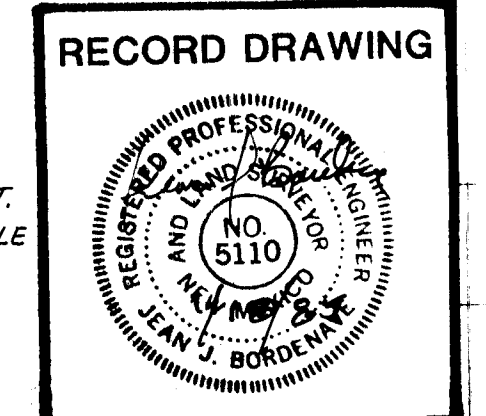
RECORD DRAWING			
LOT NO.	STATION	LENGTH	INVERT
9	0+41	26.0	53.6
10	0+69	26.0	54.4
11	0+96	26.0	54.8
12	1+22	26.0	55.5
13	1+49	26.0	54.4
14	1+81	26.0	55.1
15	2+78	26.0	60.9
16	3+06	26.0	61.9
17	3+33	26.0	63.8
23	5+20	26.0	69.5
24	5+53	26.0	69.0
25	5+76	26.0	68.9
26	6+02	26.0	69.2
27	6+35	25.7	69.0
28			
29	6+70	26.0	68.8
30	7+03	26.0	68.7
31	8+01	25.9	73.3
32	8+29	26.0	74.4
33	8+58	26.0	74.8
34	8+87	25.9	74.5
35	9+14	25.9	74.8
36	9+15	25.9	75.0
37	8+87	25.9	74.1
38	8+61	26.0	74.1
39	8+34	25.9	74.0
40	8+06	26.0	73.4
92	5+49	26.0	68.3
93	5+21	25.9	67.9
94	4+94	26.0	67.8
95	4+67	26.0	68.6
96	4+25	26.0	67.1
97	3+94	26.0	65.9
98	3+67	26.0	64.5
99	3+25	26.4	61.3

Vertical 1"=10'
Horizontal 1"=50'

5590
5580
5570
5560
5550

RECORD DRAWINGS
NOTE: SEWER STATIONING IS ALONG
SEWER LINE AND DOES NOT
ADJUST FOR CURVES IN STREET.
DISTANCES & SLOPE SHOWN IN PROFILE
ARE FROM E.M.H. TO E.M.H.

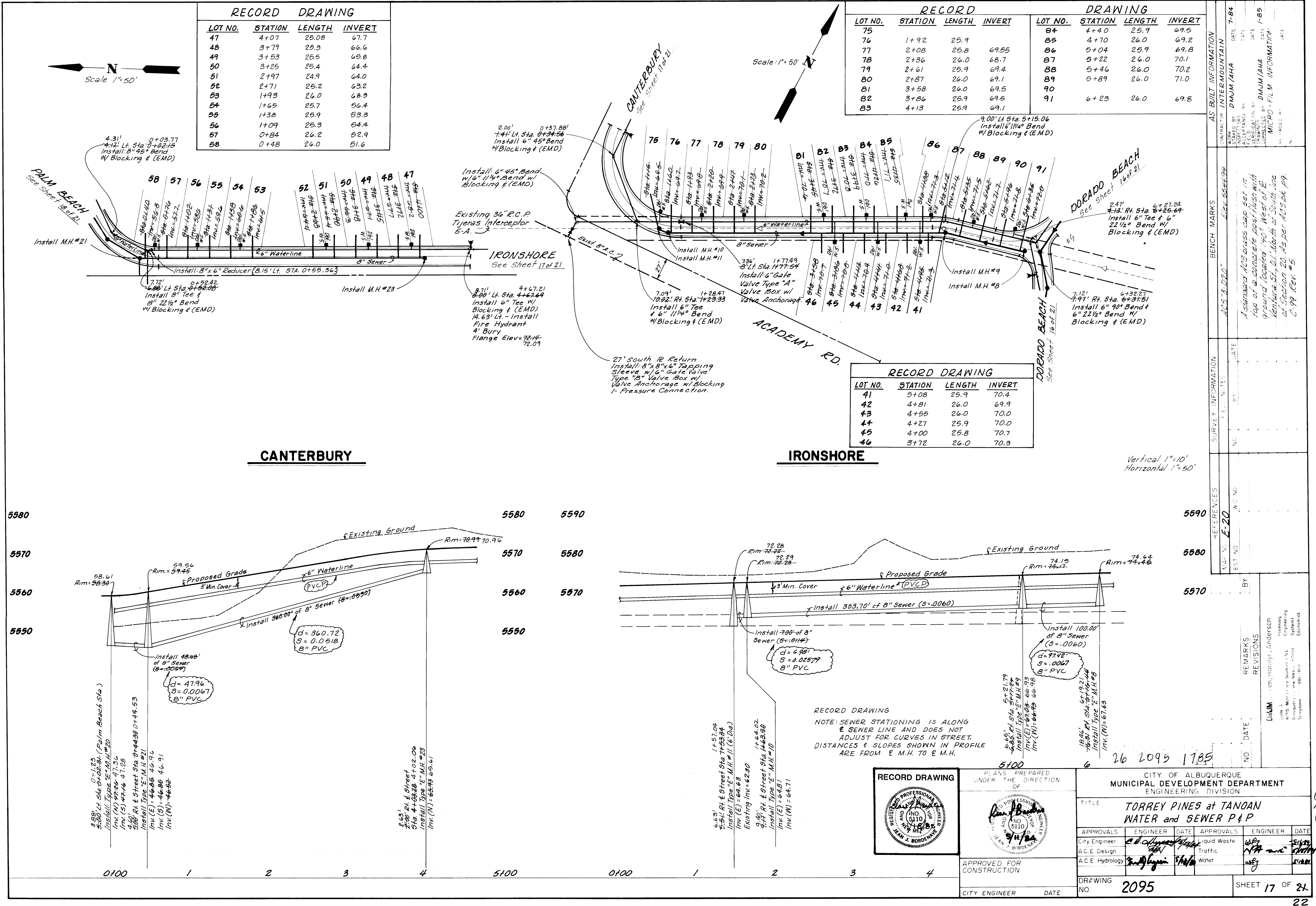
26 2095 1685



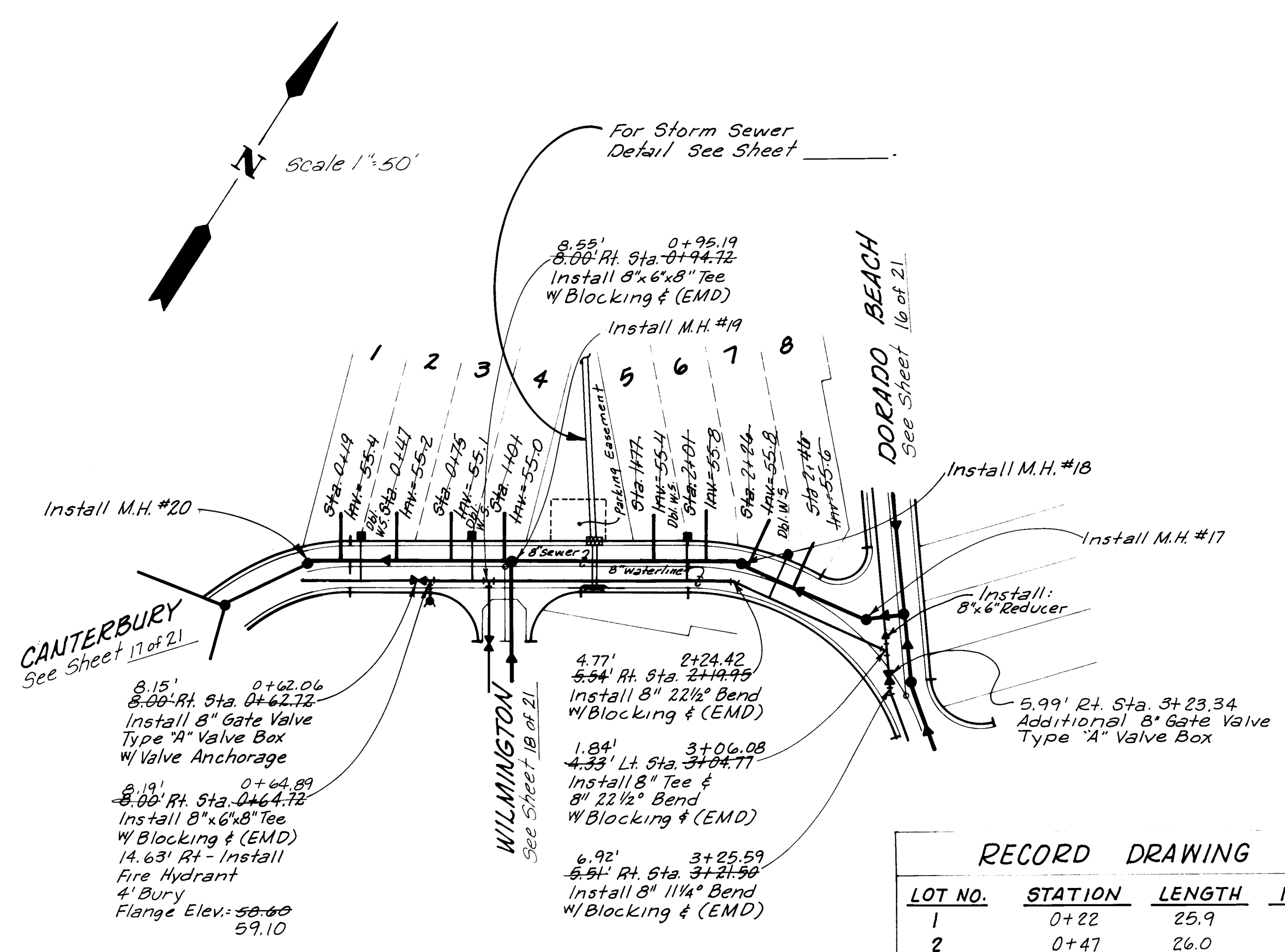
PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
APPROVED FOR CONSTRUCTION		TITLE TORREY PINES at TANOAN WATER AND SEWER P&P	
CITY ENGINEER		DATE	DATE
APPROVALS		ENGINEER	ENGINEER
City Engineer		Liquid Waste	5/1/81
A.C.E. Design		Traffic	5/1/81
A.C.E. Hydrology		Water	5/1/81
DRAWING NO.		DATE	DATE
2095		16	21

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES		REMARKS	
INSTRUMENT	INTERMOUNTAIN	DATE	7-84	APPROX. 200"	Elev. 5549.4	NAP NO.	E-20	REVISIONS	
DESIGNED BY	DMJM/AHA	DATE		A standard AOS brass cap set in top of a concrete post flush with ground located 40' West of E. Ventura St., 0.1 North of South line of Section 20, As per AOS 64.49 C.99 Rev #5					
ACCEPTED BY		DATE							
VERIFICATION BY		DATE							
REVIEWED BY		DATE							
MICRO-FILM INFORMATION		DATE		DATE		DATE		DATE	

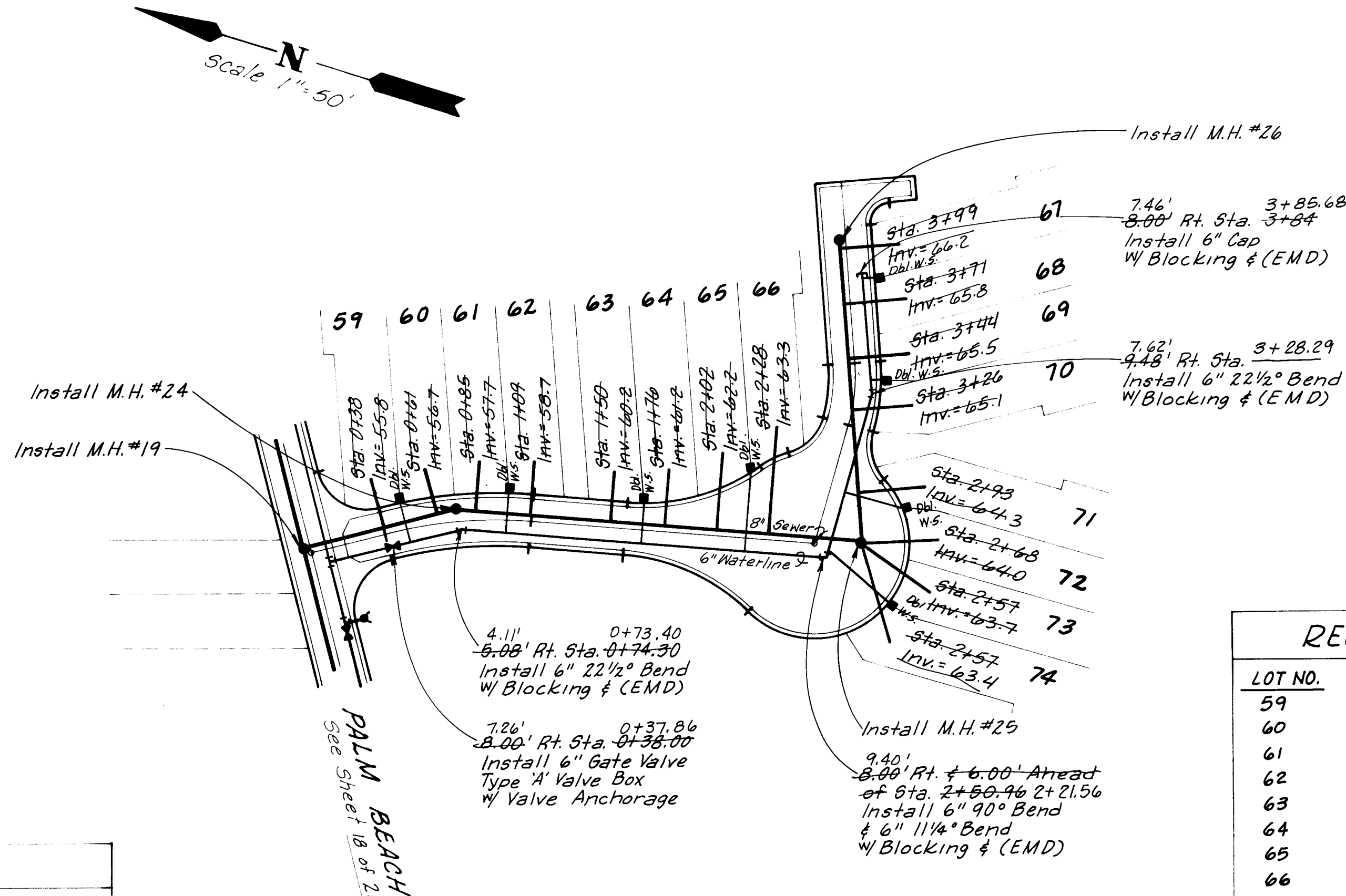
2095



2025



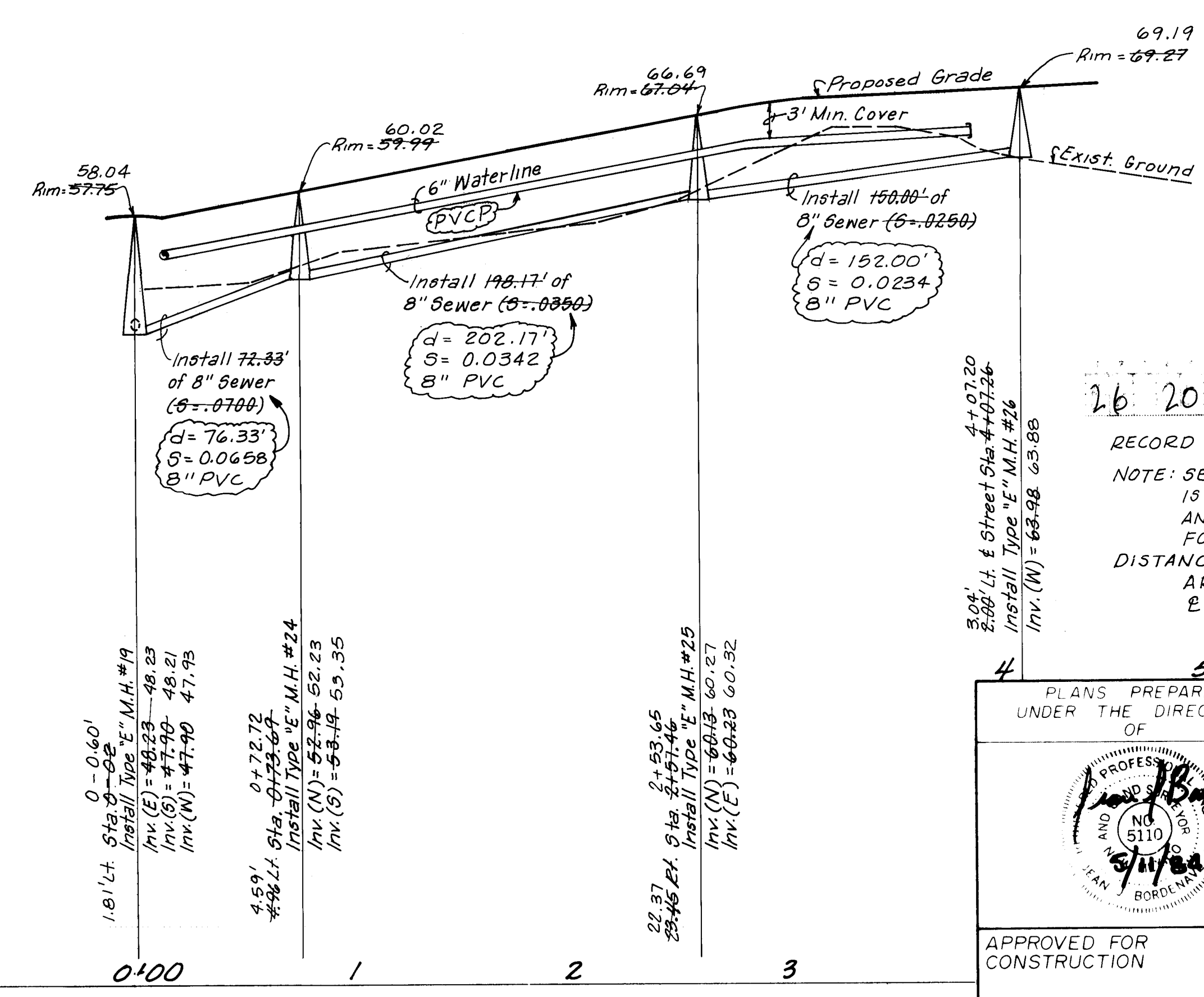
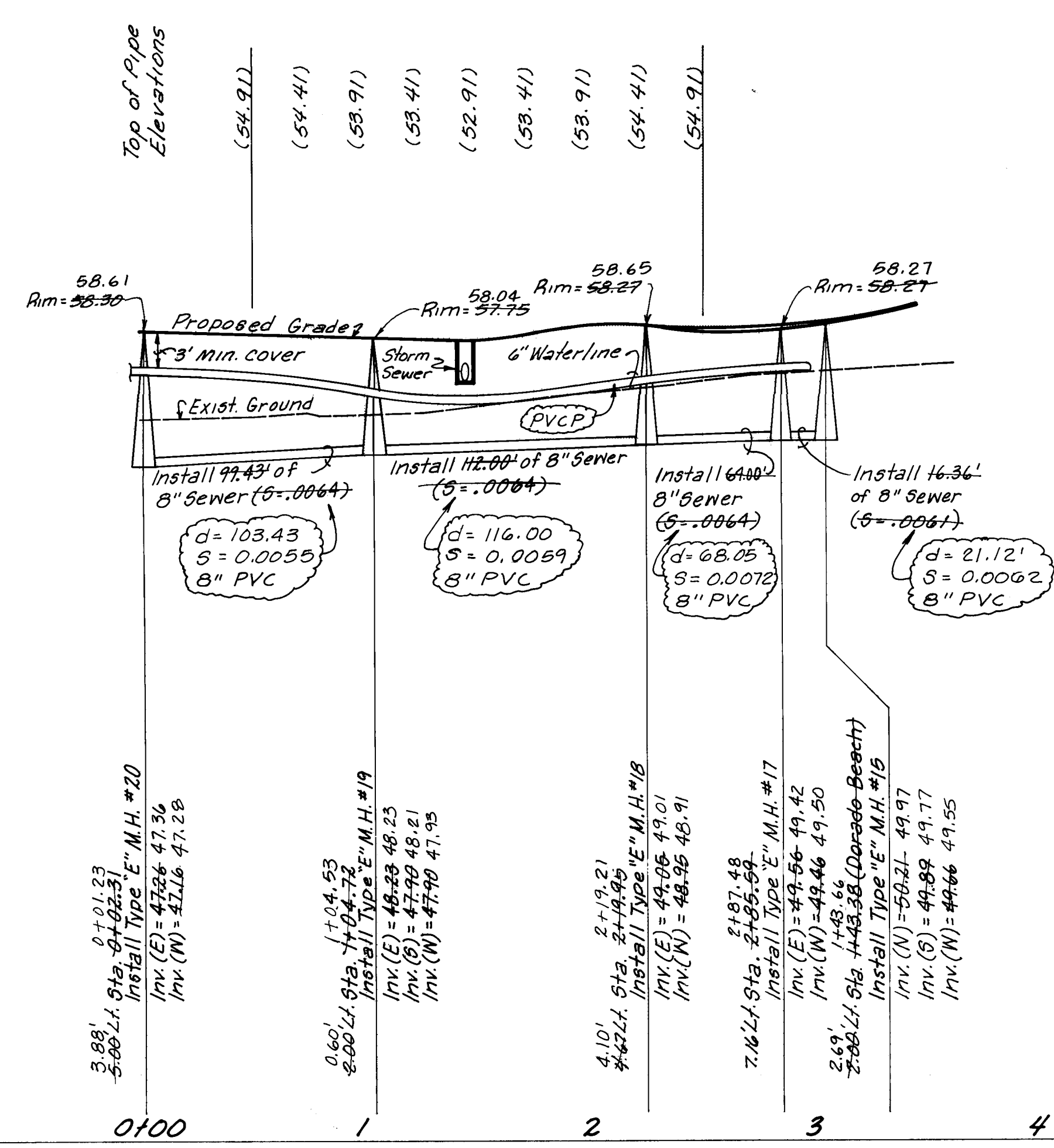
RECORD DRAWING			
LOT NO.	STATION	LENGTH	INVERT
1	0+22	25.9	49.6
2	0+47	26.0	50.2
3	0+73	26.0	49.8
4	0+99	26.0	50.2
5	1+77	26.0	51.7
6	2+04	26.0	52.2
7	IN M.H.	23.4	52.6
8	2+45	25.8	53.1



RECORD DRAWING			
LOT NO.	STATION	LENGTH	INVERT
59	0+40	26.0	53.5
60	0+66	26.0	56.0
61	0+85	25.9	56.8
62	1+14	25.9	58.2
63	1+53	26.0	59.0
64	1+80	25.9	60.2
65	2+07	26.0	61.1
66	2+32	25.9	61.1
67	4+23		66.1
68	3+96	26.0	65.4
69	3+69	26.0	65.4
70	3+45	26.0	64.8
71	3+04	26.0	64.0
72	2+83	21.0	
73	IN M.H.	36.4	64.3
74	IN M.H.	46.2	63.7

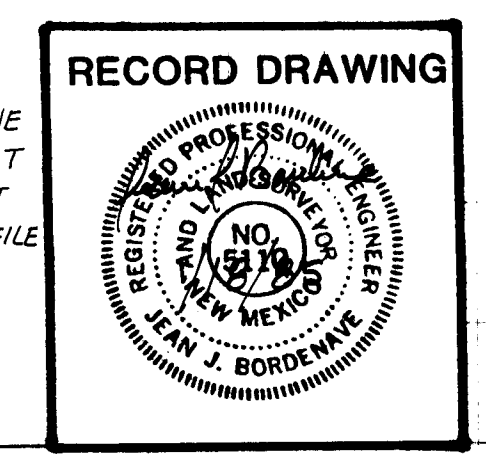
PALM BEACH

WILMINGTON



26 2095 1885

RECORD DRAWINGS
NOTE: SEWER STATIONING IS ALONG & SEWER LINE AND DOES NOT ADJUST FOR CURVE IN STREET DISTANCES & SLOPE IN PROFILE ARE FROM & M.H. TO & M.H.

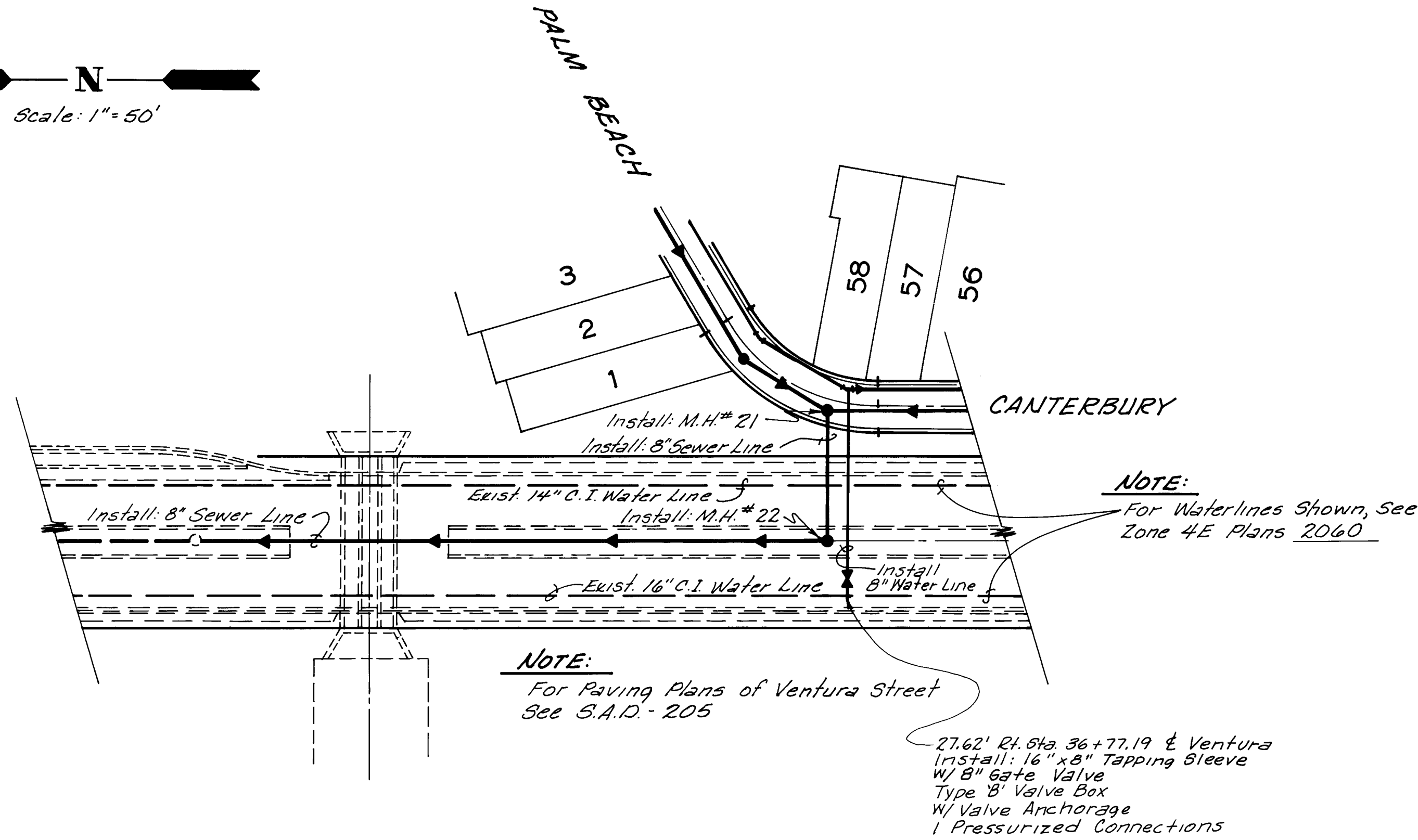
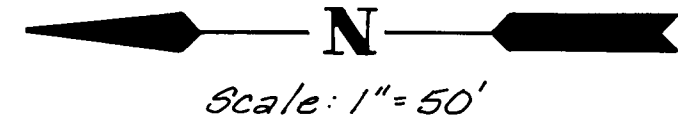


PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
APPROVED FOR CONSTRUCTION		TITLE TORREY PINES at TANOAN WATER and SEWER P&P	
CITY ENGINEER	DATE	APPROVALS	ENGINEER
		City Engineer	DATE
		A.C.E. Design	DATE
		A.C.E. Hydrology	DATE
DRAWING NO. 2095		SHEET 18 OF 21	

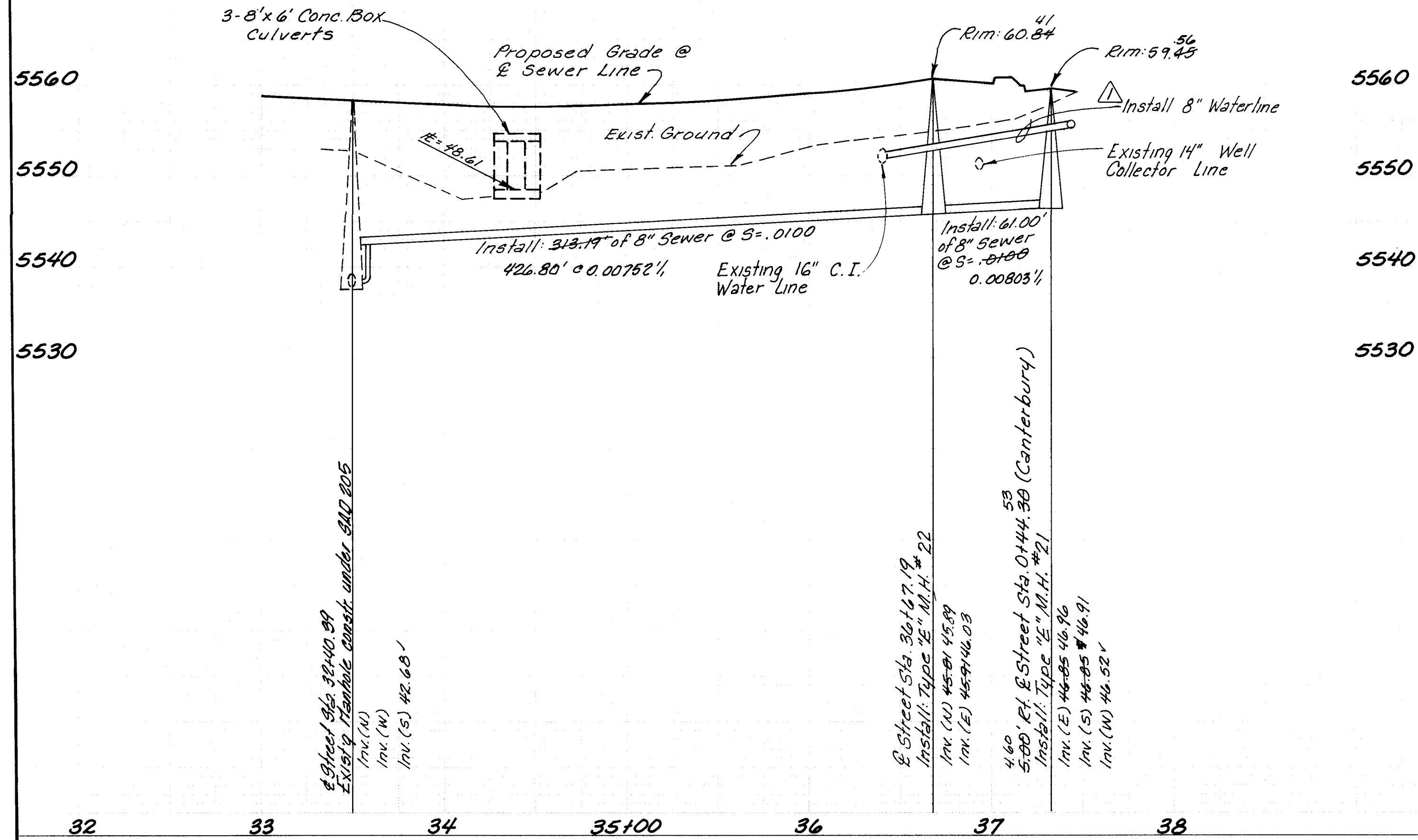
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES	
N.W. 1/4, INTER MOUNTAIN		Elev. 5549.4		MAP NO. E-20		EST. NO. NO. NO.	
DATE 7-84		DATE 7-84		DATE 7-84		DATE 7-84	
DRAWN BY DMJM/JAH		CHECKED BY DMJM/JAH		DATE 7-84		DATE 7-84	
MICRO-FILM INFORMATION		DATE 7-84		DATE 7-84		DATE 7-84	

REMARKS
REVISIONS
BY
DATE

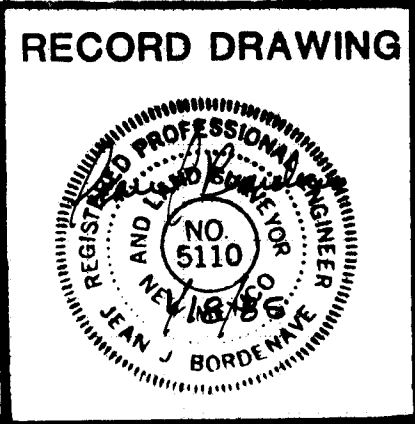
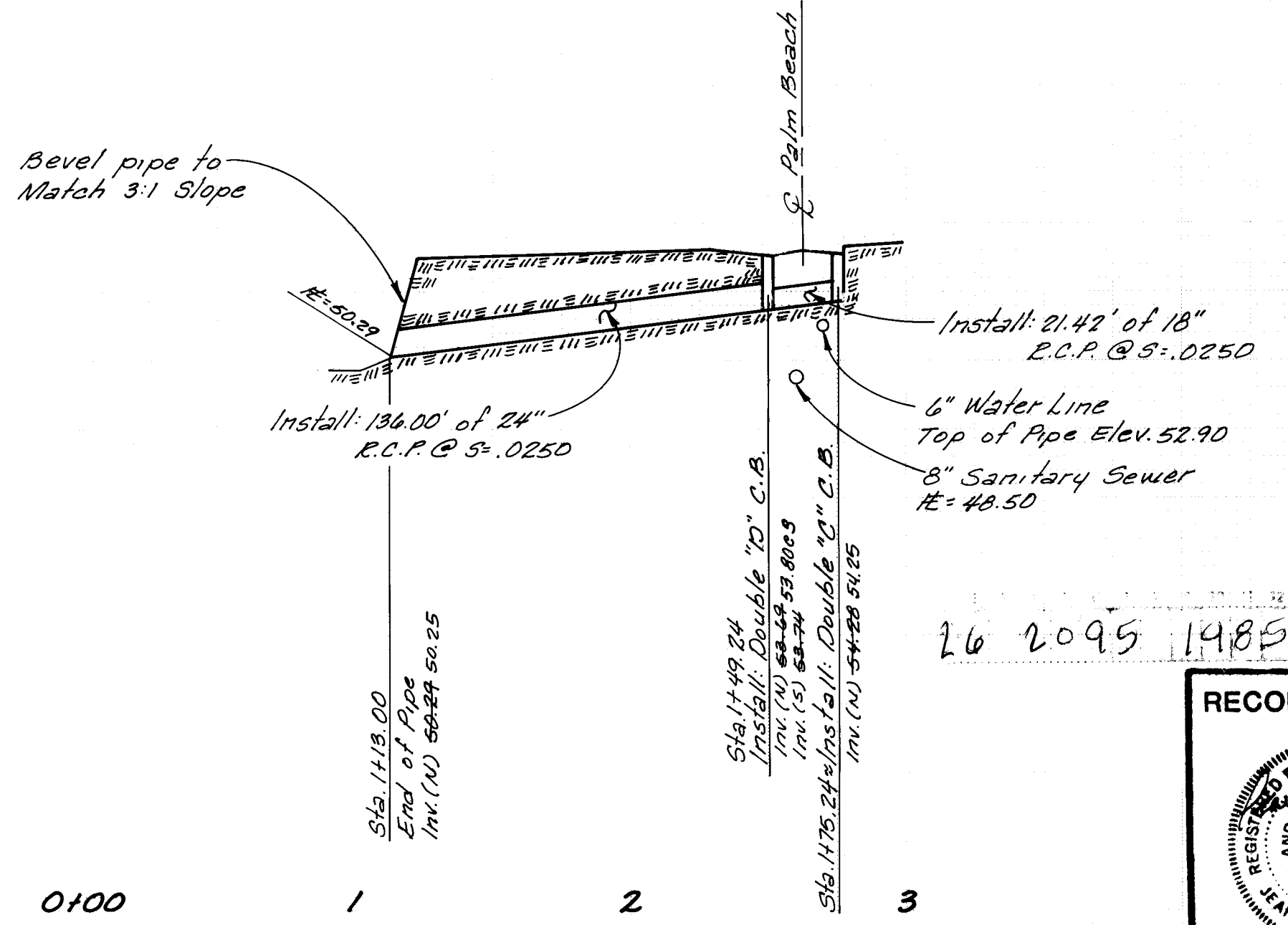
2605



VENTURA STREET



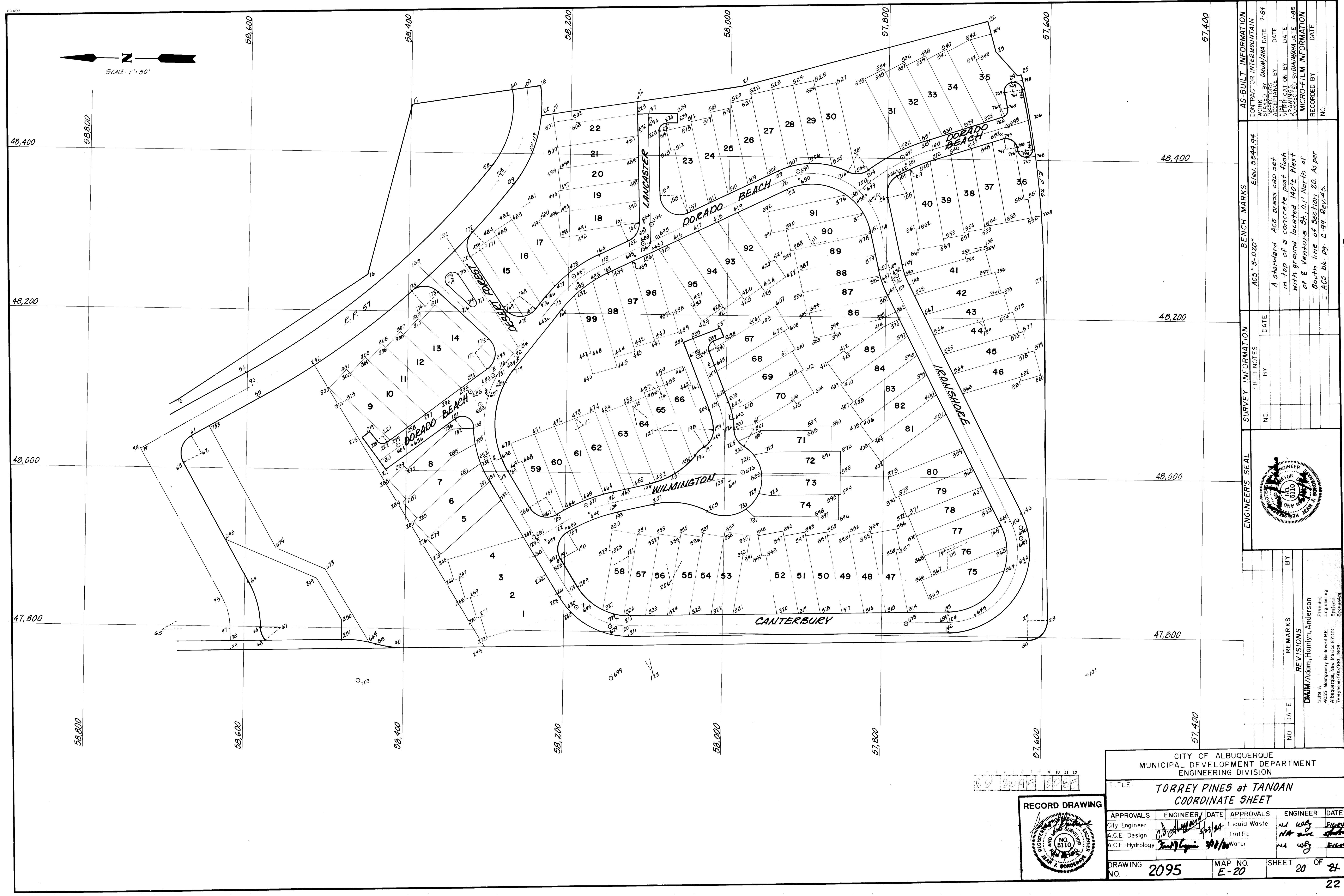
STORM SEWER OUTLET



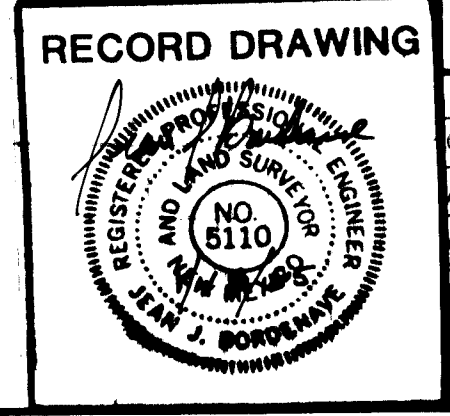
PLANS PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
APPROVED FOR CONSTRUCTION		TITLE: TORREY PINES at TANOAN WATER and SEWER P & P	
CITY ENGINEER	DATE	APPROVALS	ENGINEER
		City Engineer	
		A.C.E. Design	
		A.C.E. Hydrology	
		DRAWING NO.	2095
		SHEET	19 OF 21

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
MAP NO.	EST NO.	W.O. NO.	DATE	CONTRACTOR	INTERMOUNTAIN
5110	1485	5110	1485	DMJM/ADA	DATE 7-84
BY	DATE	NO.	BY	ACCEPTANCE BY	DATE
DMJM	1485		DMJM	DATE	DATE
REVISIONS	DATE	NO.	REVISIONS	DATE	DATE
1	1485		1	DATE	DATE

TORRES



20 2095 1004



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: TORREY PINES at TANOAN COORDINATE SHEET					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	5/1/24	Liquid Waste	NA	5/1/24
A.C.E. Design	<i>[Signature]</i>	5/1/24	Traffic	NA	5/1/24
A.C.E. Hydrology	<i>[Signature]</i>	5/1/24	Water	NA	5/1/24
DRAWING NO. 2095		MAP NO. E-20		SHEET 20 OF 24	

REVISIONS

NO.	DATE	BY	REMARKS
1			DRUM/Adam, Hamlyn, Anderson

ENGINEER'S SEAL

NO. 5110

RECORD DRAWING

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
	DATE	NO.	BY	AC5 "3-020"	Elev. 5544.94	CONTRACTOR INFORMATION	WORK STAKED BY

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
	DATE	NO.	BY	AC5 "3-020"	Elev. 5544.94	CONTRACTOR INFORMATION	WORK STAKED BY

POINT	No.	North	East	North	East	North	East	North	East	North	East	North	East	AS-BUILT INFORMATION			
15	58469.10528	48085.65945	185	58273.73374	48001.98838	328	58140.03588	47903.33831	453	58113.63750	47793.61244	585	57753.85536	48002.85907	763	57657.05178	48484.96063
16	58462.24516	48246.11123	186	58246.27481	47756.28076	329	58144.47793	47904.09729	454	58115.47306	47807.25801	587	57757.74819	48056.77848	764	57663.03560	48462.53783
17	58400.00383	48457.99464	187	58244.03334	47749.47336	330	58141.03124	47929.79600	455	58126.43910	47897.37237	588	57792.76859	48058.40658	765	57653.20568	48464.37432
18	58397.78819	48485.71412	188	58210.84074	47748.27093	331	58109.40206	47924.93853	456	58101.40513	47897.48476	589	57829.89368	48061.40301	766	57660.00081	48483.00945
19	58397.77850	48460.35551	189	58177.97910	47728.19907	332	58082.71494	47920.84004	457	58103.34926	47892.29544	590	57866.90198	48064.05625	767	57626.59929	48401.64391
20	58237.26582	48447.83880	190	58133.63376	47704.97412	333	58081.98000	47925.62661	458	58078.31529	48112.41302	591	57866.10046	48032.06429	768	57615.70486	48499.45167
21	57924.74442	48468.13337	191	58108.10953	47891.74309	334	58058.29288	47921.52712	459	58083.32778	48124.81936	592	57855.26529	48032.33777	769	57647.50776	48499.45167
22	57673.93677	48573.74662	192	58140.10307	47897.50127	335	58054.55793	47926.31268	460	58053.65790	48136.80677	593	57854.58900	48005.34624			
23	57667.76193	48538.46713	193	58134.25935	47897.51676	336	58027.87081	47924.99976	461	58043.91812	48112.69999	594	57853.91271	47978.35472			
24	57640.37604	48506.31006	194	58094.74682	47887.73235	337	58027.13586	47922.90127	462	58048.55404	48110.82695	595	57857.23145	47978.27156			
25	57635.50771	48507.45239	195	58117.44193	47895.36457	338	58000.44674	47922.90127	463	58126.47598	47980.87738	596	57856.42992	47946.28160			
26	58845.61506	48223.52524	196	58037.82901	48034.35192	339	57999.41021	47929.66366	464	58151.78932	47944.42468	597	57852.54701	47950.62879			
27	57603.01875	48254.00214	197	58026.59461	48035.44192	340	57967.78103	47924.80619	465	58227.34494	47944.71145	602	57953.70173	48083.31488			
28	57592.46310	47823.63035	198	58040.32207	48056.20307	341	57971.72772	47899.10748	466	58201.81960	47953.60962	603	57950.86759	48104.72208			
29	57617.48589	47823.01737	199	58015.53732	48057.07556	342	57976.66978	47899.86646	467	57976.66978	47944.71145	604	57950.86759	48104.72208			
30	57616.82740	47798.02522	200	57987.53516	48057.98294	343	57947.65759	47900.59338	468	58255.44044	48014.25024	605	57951.30467	48195.32611			
55	58586.08741	48089.21727	201	57964.53839	48058.85543	344	57952.55544	47899.58785	469	58260.07636	48012.37721	606	57951.30467	48195.32611			
56	58603.83516	48120.53846	202	57977.01372	48037.17333	345	57957.78416	47925.05667	470	58269.81613	48036.48399	607	57951.30467	48195.32611			
57	59111.72755	49016.08652	203	57994.84606	48052.29336	346	57952.63793	47931.49202	471	58240.14625	48048.47140	608	57951.30467	48195.32611			
58	58299.19095	48383.50829	204	58020.95284	48082.55358	347	57957.78416	47925.05667	472	58215.11228	48058.58578	609	57951.30467	48195.32611			
59	58270.79779	48361.37633	205	58021.57439	47954.44540	348	57989.61366	47930.21996	473	58190.07832	48068.70015	610	57951.30467	48195.32611			
60	58274.33656	48480.04260	206	58066.60299	47865.15696	349	57987.73998	47925.47720	474	58165.04435	48078.81453	611	57951.30467	48195.32611			
61	58671.39375	48040.87941	207	58087.09807	47962.59396	350	57871.19159	47930.90703	475	58256.24919	48196.24705	612	57951.30467	48195.32611			
62	58637.06912	48019.13333	208	58205.13780	47844.06464	351	57870.21791	47926.16428	476	58235.06742	48213.12765	613	57951.30467	48195.32611			
63	58630.81796	48006.80376	209	58205.13780	47844.06464	352	57870.21791	47926.16428	477	58217.08588	48234.75280	614	57951.30467	48195.32611			
64	58597.94300	47838.73455	210	58117.76928	47794.47733	353	57842.79584	47926.88135	478	58196.86236	48315.32163	615	57951.30467	48195.32611			
65	58705.19775	47797.77073	211	57742.23404	48399.53129	354	57816.34744	47932.28119	479	58249.25619	48315.32163	616	57951.30467	48195.32611			
66	58590.75223	47800.87551	212	57750.12448	48424.30509	355	57815.77599	47929.48757	480	58249.25619	48315.32163	617	57951.30467	48195.32611			
67	58555.76017	47801.50670	213	57750.12448	48424.30509	356	57815.77599	47929.48757	481	58249.25619	48315.32163	618	57951.30467	48195.32611			
68	58575.07820	47781.37673	214	57825.32733	48385.28662	357	57779.20103	47910.46411	482	58275.78539	48321.77840	619	57951.30467	48195.32611			
69	58735.94994	48024.98844	215	57840.43459	48405.20573	358	57784.09888	47909.45859	483	58275.78539	48321.77840	620	57951.30467	48195.32611			
70	58435.97974	47782.83580	216	57851.24425	48382.64361	359	57701.88232	48038.10971	484	58294.82999	48301.72931	621	57951.30467	48195.32611			
71	58397.49765	47778.46512	217	58426.61255	48001.71402	360	57689.57044	48013.97495	485	58294.82999	48301.72931	622	57951.30467	48195.32611			
72	58730.44468	47778.46512	218	58456.70330	48041.64579	361	57677.25857	47989.84019	486	58313.92992	48281.76224	623	57951.30467	48195.32611			
73	58630.97438	47839.72777	219	58447.11947	48048.84757	362	57644.44687	47965.70543	487	58115.40774	48424.44903	624	57951.30467	48195.32611			
74	58594.96129	48104.87786	220	58438.49426	48037.68668	363	57644.44687	47965.70543	488	58115.40774	48424.44903	625	57951.30467	48195.32611			
75	58619.94008	47799.90265	221	58430.70791	48043.70483	364	57647.83703	47885.18574	489	58115.40774	48424.44903	626	57951.30467	48195.32611			
76	58619.54871	47784.28255	222	58430.70791	48043.70483	365	57647.83703	47885.18574	490	58115.40774	48424.44903	627	57951.30467	48195.32611			
77	58619.26373	47772.90865	223	58430.70791	48043.70483	366	57647.83703	47885.18574	491	58115.40774	48424.44903	628	57951.30467	48195.32611			
78	58256.56321	48482.87755	224	58430.70791	48043.70483	367	57751.53761	47871.91208	492	58185.87320	48303.87266	629	57951.30467	48195.32611			
79	57540.84540	47755.44100	225	58066.58769	48453.38295	368	57738.19513	47877.37360	493	58185.87320	48303.87266	630	57951.30467	48195.32611			
80	57792.57160	48248.89560	226	58066.58769	48453.38295	369	57738.19513	47877.37360	494	58210.76082	48294.83907	631	57951.30467	48195.32611			
81	58284.99434	48372.44229	227	58080.16037	48440.90167	370	57738.19513	47877.37360	495	58210.76082	48294.83907	632	57951.30467	48195.32611			
82	57717.23975	47907.48930	228	58080.16037	48440.90167	371	57738.19513	47877.37360	496	58210.76082	48294.83907	633	57951.30467	48195.32611			
83	57719.44395	47907.48930	229	58080.16037	48440.90167	372	57738.19513	47877.37360	497	58210.76082	48294.83907	634	57951.30467	48195.32611			
84	57641.05457	47947.47811	230	58080.16037	48440.90167	373	57738.19513	47877.37360	498	58210.76082	48294.83907	635	57951.30467	48195.32611			
85	57767.41651	48234.38895	231	58080.16037	48440.90167	374	57738.19513	47877.37360	499	58210.76082	48294.83907	636	57951.30467	48195.32611			
86	57674.28638	48292.10007	232	58080.16037	48440.90167	375	57738.19513	47877.37360	500	58210.76082	48294.83907	637	57951.30467	48195.32611			
87	57797.98002	48263.30971	233	58080.16037	48440.90167	376	57738.19513	47877.37360	501	58210.76082	48294.83907	638	57951.30467	48195.32611			
88	57809.20625	48311.54203	234	58080.16037	48440.90167	377	57738.19513	47877.37360	502	58210.76082	48294.83907	639	57951.30467	48195.32611			
89	57894.91526	48291.59297	235	58080.16037	48440.90167	378	57738.19513	47877.37360	503	58210.76082	48294.83907	640	57951.30467	48195.32611			
90	58136.14645	48370.86442	236	58080.16037	48440.90167	379	57738.19513	47877.37360	504	58210.76082	48294.83907	641	57951.30467	48195.32611			
91	58156.67400	48305.03753	237	58080.16037	48440.90167	380	57738.19513	47877.37360	505	58210.76082	48294.83907	642	57951.30467	48195.32611			
92	58080.04608	48105.41534	238	58080.16037	48440.90167	381	57738.19513	47877.37360	506	58210.76082	48294.83907	643	57951.30467	48195.32611			
93	58218.54774	48213.15607	239	58080.16037	48440.90167	382	57738.19513	47877.37360	507	58210.76082	48294.83907	644	57951.30467	48195.32611			
94	58277.15630	48135.14084	240	58080.16037	48440.90167	383	57										