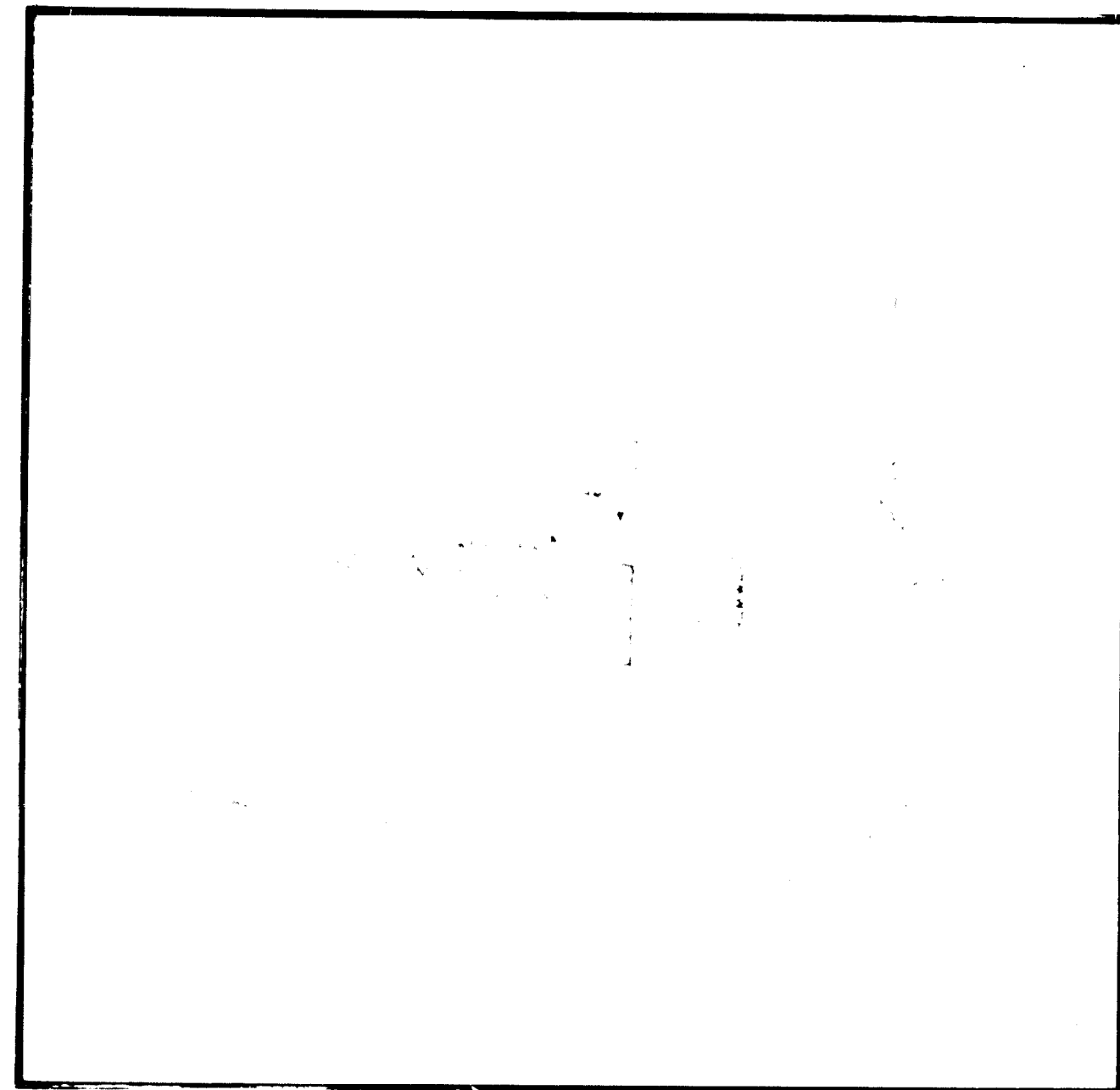




VICINITY MAP

INDEX

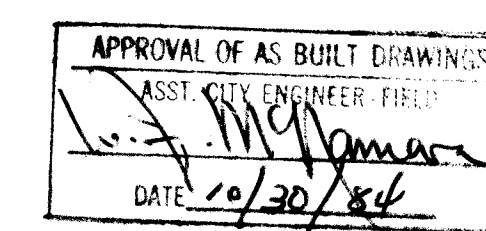
1	PLAT & COMPUTATIONS
2	PROPOSED SEWER DESIGN
3	PROPOSED WATER DESIGN
4	PROPOSED PAVING DESIGN
5	GRADING PLAN
6	PLAN & PROFILE - PANORAMA LOOP
7	PLAN & PROFILE - PANORAMA LOOP, CANYON VIEW COURT, LINDA VIEW COURT & LINDA VIEW PLACE
8	MISCELLANEOUS DETAILS
9	MISCELLANEOUS DETAILS

PHASE I MOUNTAIN SHADOW ESTATES

ALBUQUERQUE, NEW MEXICO

JULY 1980

BURTON, LEYENDECKER & LEYENDECKER, INC.
ALBUQUERQUE CONSULTING ENGINEERS LAS CRUCES



1	2	3	4	5	6	7	8	9	10	11	12
26	1	1	0	7	0	1	8	4			

PREPARED UNDER THE SUPERVISION OF THE STATE OF NEW MEXICO REGISTERED PROFESSIONAL ENGINEER	PHASE I REVISIONS	
	NO.	DATE DESCRIPTION
	1	10/30/84 Phase I

1107
0620128

SCALE 1" = 50'

Break hole in Existing M.H.
Install A.C. pipe sleeve & grout.
Re-grout M.H. bottom to
direct flow. See detail Sht. 9

Sta. 0+25 Panorama =
Sta. 0+00 Canyon View

STUB OUT ONLY IN PHASE I
FOR CANYON VIEW CT.

CONSTRUCT THIS PORTION OF
SEWER AS PART OF PHASE I

S = 1.75% 35' 8" V.C.P.

Sta. 0+75 Panorama

SEE NOTE 5

Sta. 1+05.53

NOTE:

- 1) Install 20 VCP tees with water tight stoppers.
- 2) Install sewer service laterals for Phase I only.

SEWER SERVICE LOCATIONS

LOT	STA. STREET	LENGTH REQ'D	INV. ELEV. @ R
1	Panorama 12+50	23'	5685.4
2	11+80	25'	5682.8
3	11+45	25'	5681.2
4	11+10	25'	5680.1
5	10+75	29'	5678.9
6	10+42.7	47'	5678.7
7	10+14.27	65'	5678.9
8	10+45.00	75'	5678.7
9	10+15.50	68'	5678.1
10	10+09.50	42'	5677.0
11	9+95	25'	5676.4
12	9+60	25'	5675.4
13	9+25	25'	5674.6
14	8+90	25'	5673.7
15	8+55	25'	5672.0
16	8+20	25'	5671.7
17	7+85	25'	5670.7
18	7+50	25'	5669.8
19	7+15	25'	5668.9
20	6+80	25'	5668.0
21	6+50	27'	5667.0
22	6+15	25'	5666.0
23	5+80	27'	5665.0
24	5+45	27'	5664.0
25	5+10	25'	5663.0
26	4+85	25'	5662.0
27	4+50	25'	5661.0
28	4+25	25'	5660.0

LOT	STA. STREET	LENGTH REQ'D	INV. ELEV. @ R
29	3+90	25'	5661.0
30	3+65	25'	5660.0
31	3+30	25'	5660.0
32	3+05	25'	5659.0
33	2+70	25'	5658.0
34	2+45	25'	5656.0
35	2+10	25'	5654.0
36	Canyon View 0+77	35'	5654.0
37	1+00.53	40'	5654.0
38	1+05.53	40'	5653.0
39	1+05.53	40'	5651.0
40	1+00.53	40'	5651.0
41	0+72	35'	5651.0
42	0+20	23'	5651.0
43	No Services	No Services	No Services
44	Panorama 1+88	25'	5659.0
45	2+32	25'	5660.0
46	2+60	25'	5660.0
47	2+97	25'	5661.0
48	3+10	25'	5661.0
49	3+45	25'	5661.0
50	Linda View Ct 0+0	28'	5663.0
51	1+25	30'	5665.0
52	1+35.45	20'	5667.0
53	1+35.45	20'	5667.0
54	1+35.45	30'	5669.0
55	1+25.45	55'	5671.0
56	1+00	55'	5670.0

LOT	STA. STREET	LENGTH REQ'D	INV. ELEV. @ R
57	0+45	60'	5669.0
58	Panorama Loop 6+40	27'	5668.0
59	7+25	25'	5669.1
60	Linda View Pl 0+95	22'	5672.0
61	1+10	22'	5673.0
62	1+45	24'	5673.0
63	1+13	40'	5673.0
64	2+05	48'	5678.0
65	2+15.76	35'	5678.0
66	2+20	15'	5678.0
67	2+20	15'	5682.0
68	2+15.76	35'	5684.0
69	2+05	48'	5682.0
70	1+70	40'	5681.0
71	1+50	22'	5679.0
72	1+10	22'	5678.0
73	0+95	22'	5678.0
74	0+60	22'	5678.0
75	Panorama Loop 8+70	25'	5672.8
76	9+60	25'	5675.6
77	11+30	25'	5681.0
78	11+65	25'	5682.2
79	12+00	25'	5683.7
80	12+30	25'	5684.7
81	12+60	28'	5685.9
82	13+00	25'	5687.1
83	13+40	25'	5688.5
84	13+70	25'	5688.9

PHASE I

Existing M.H.

PT. 14+05

Notes

1. Waterlines are to be located 10' north or west of & unless otherwise shown.
2. Fire hydrants are to be located at the P.C. of the property return or at the property line between lots.
3. Place valves at the P.C. of curb returns or at the property line between lots.
4. Pipe crown shall be a minimum of 3'-8" below the top of curb.
5. Water and sewer lines shall be installed per supplemental general conditions section 18.1 policy on the proximity of water and sewer lines, City of Albuquerque Contract and Documents, for City-Wide Utilities and Cash Paving No. 30.
6. The flange of fire hydrants shall be located 5" ($\pm 3'$) above the top of curb elevation.
7. Streets shall be graded to Finished Grade $\pm 1'-0"$ prior to installation of Utilities.
8. Utility Contractor shall be responsible for constructing water services from watermain to curb stop including curb box. Homebuilder shall be responsible for installing water service from curb stop to property line.
9. 3' x 3' x 4' Concrete Pad required around all fire hydrants. Install $\frac{1}{2}$ " expansion joint between concrete pad and sidewalk (if applicable.)
10. An Electronic Marker Disc shall be installed per City Standard Specification 131.02 at all valves (one foot north or west of the valve) at all bends 22 $\frac{1}{2}$ " or greater, at capped ends, at tees, over the main half-way between the service taps for double services and over the main at the service tap for single services.

PHASE I LIMITS

2671107-0284

PHASE I

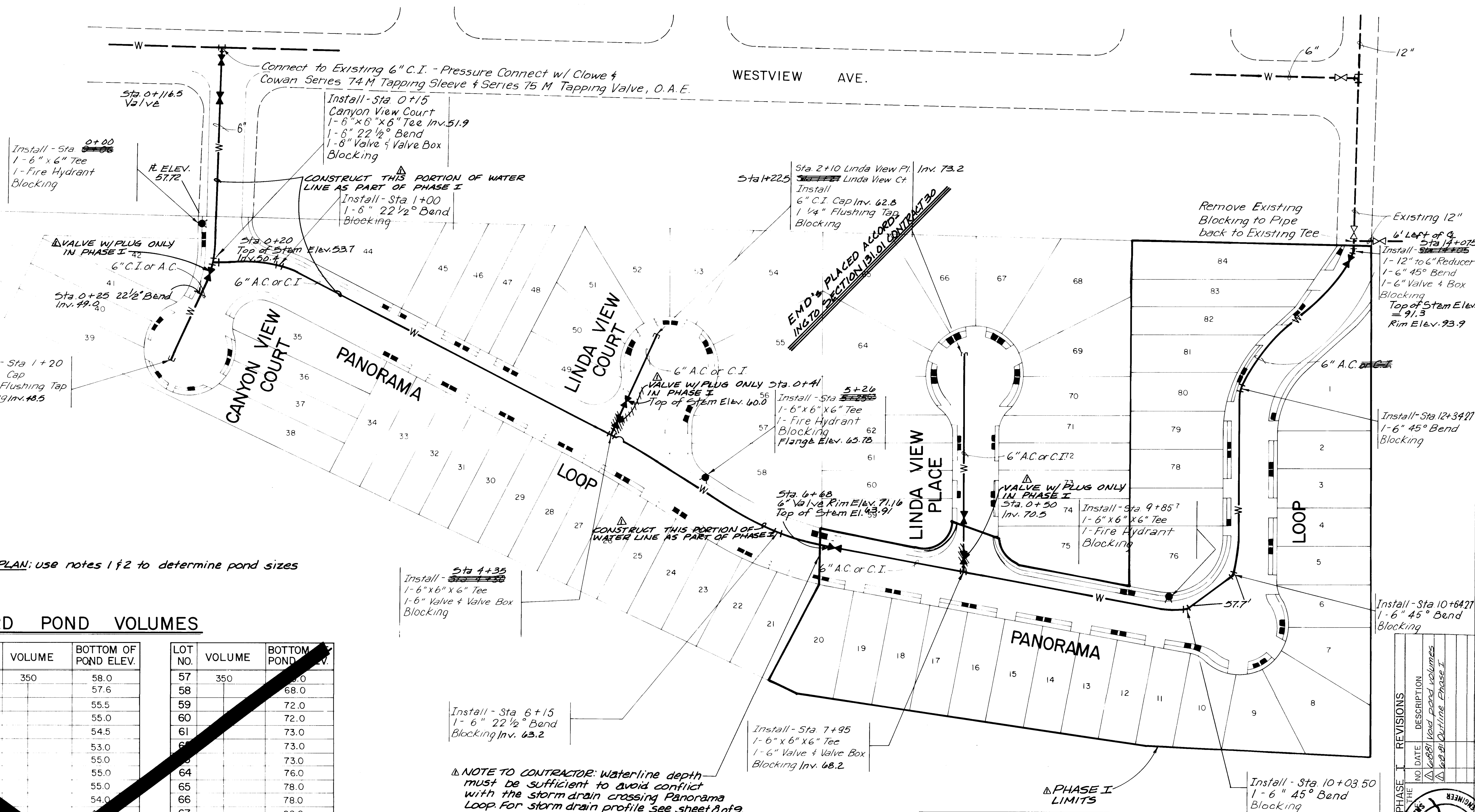
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	
TITLE MOUNTAIN SHADOW ESTATES SEWER DESIGN	
DATE 10/12/01	DATE 10/12/01
BY RLB	DATE 6-80
BY LCC	DATE 6-80
BY RLB	DATE 6-80

APPROVED FOR
CONSTRUCTION
Richard Shiller
DATE 11/12/01

DRAWING
NO 1107

SHEET 2 OF 9

SCALE 1"=50'



See sheet 5 of 9 PLAN; use notes 1 & 2 to determine pond sizes

BACKYARD POND VOLUMES

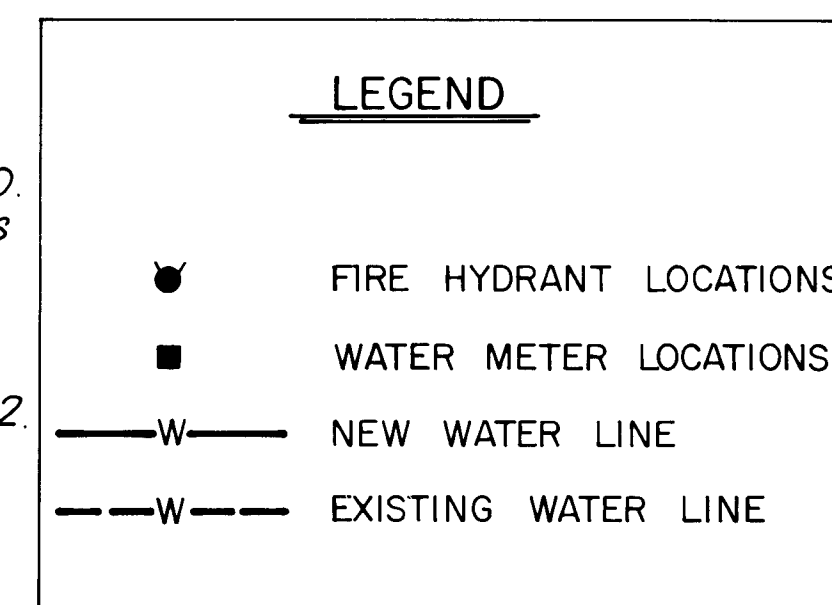
LOT NO.	VOLUME	BOTTOM OF POND ELEV.	LOT NO.	VOLUME	BOTTOM OF POND ELEV.	LOT NO.	VOLUME	BOTTOM OF POND ELEV.
1	500	90.0	29	350	58.0	57	350	58.0
2	500	87.0	30		57.6	58		68.0
3		86.0	31		55.5	59		72.0
4		85.0	32		55.0	60		72.0
5		84.0	33		54.5	61		73.0
6		83.0	34		53.0	62		73.0
7	500	81.0	35		55.0	63		73.0
8	600	79.0	36		55.0	64		76.0
9	330	79.0	37		55.0	65		78.0
10		79.0	38		54.0	66		78.0
11		76.0	39		54.0	67		82.0
12		75.0	40		53.5	68		85.0
13		74.0	41		50.0	69		82.0
14		73.0	42		52.0	70		81.0
15		72.5	43		53.5	71		79.0
16		72.5	44		52.0	72		78.0
17		72.0	45		60.0	73		78.0
18		71.5	46		60.0	74		78.0
19		69.5	47		62.0	75		78.0
20	600	69.0	48		62.0	76		81.0
21	350	65.5	49		62.0	77	330	82.0
22		65.5	50		64.0	78		84.0
23		63.5	51		65.0	79		85.0
24		61.5	52		67.0	80		85.5
25		61.0	53		69.0	81	600	85.0
26		60.0	54		72.0	82	800	
27		59.0	55		72.0	83	1200	86.0
28		58.0	56		70.0	84	1200	86.0

NOTE TO CONTRACTOR: Waterline depth must be sufficient to avoid conflict with the storm drain crossing Panorama Loop. For storm drain profile see sheet 8 of 9.

City of Albuquerque Standard Drawings

1. Install fire hydrants in accordance with standard drawing N^o W-20.
2. Install water service line in accordance with standard drawing N^o W-10 & W-15 Case 1.
3. Construct water meter box according to standard drawing N^o W-16.
4. Install 6" valves in accordance with standard drawing N^o W-2.
5. Concrete blocking shall be in accordance with standard drawing N^o W-22.

NOTE: Install complete water services for Phase I only. Install corporation stops in 6" water main for all future services in Panorama Loop.



26 1107 0384

PHASE I

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: MOUNTAIN SHADOW ESTATES WATER DESIGN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	4/19/01	4/19/01	Liquid Waste	4/19/01	4/19/01
Design	4/19/01	4/19/01	Traffic	4/19/01	4/19/01
A.C.E. - Hydrology	4/19/01	4/19/01	Water	4/19/01	4/19/01
DRAWING NO. 1107			SHEET 3 OF 9		

AS BUILT INFORMATION	
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.

BENCH MARKS	
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.

SURVEY INFORMATION	
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.

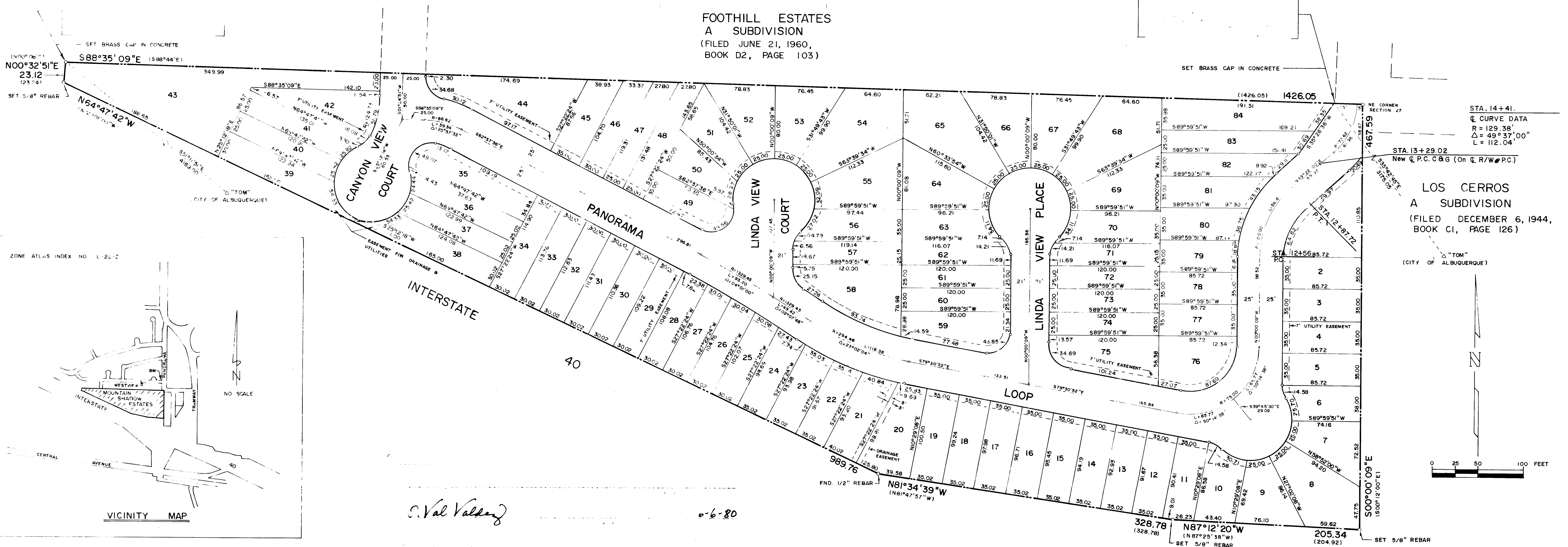
REFERENCES	
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.

REVISIONS	
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.

REMARKS	
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.
DATE	NO.

MOUNTAIN SHADOW ESTATES
 AN ADDITION TO THE CITY OF ALBUQUERQUE
 WITHIN SECTION 27, TION, R4E, NMPM
 BERNALILLO COUNTY, NEW MEXICO
 APRIL 1980

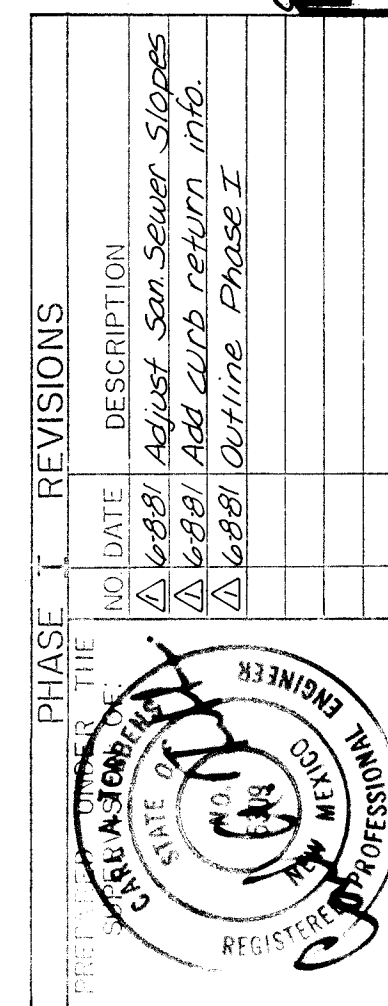
FOOTHILL ESTATES
 A SUBDIVISION
 (FILED JUNE 21, 1960,
 BOOK D2, PAGE 103)



[illegible]



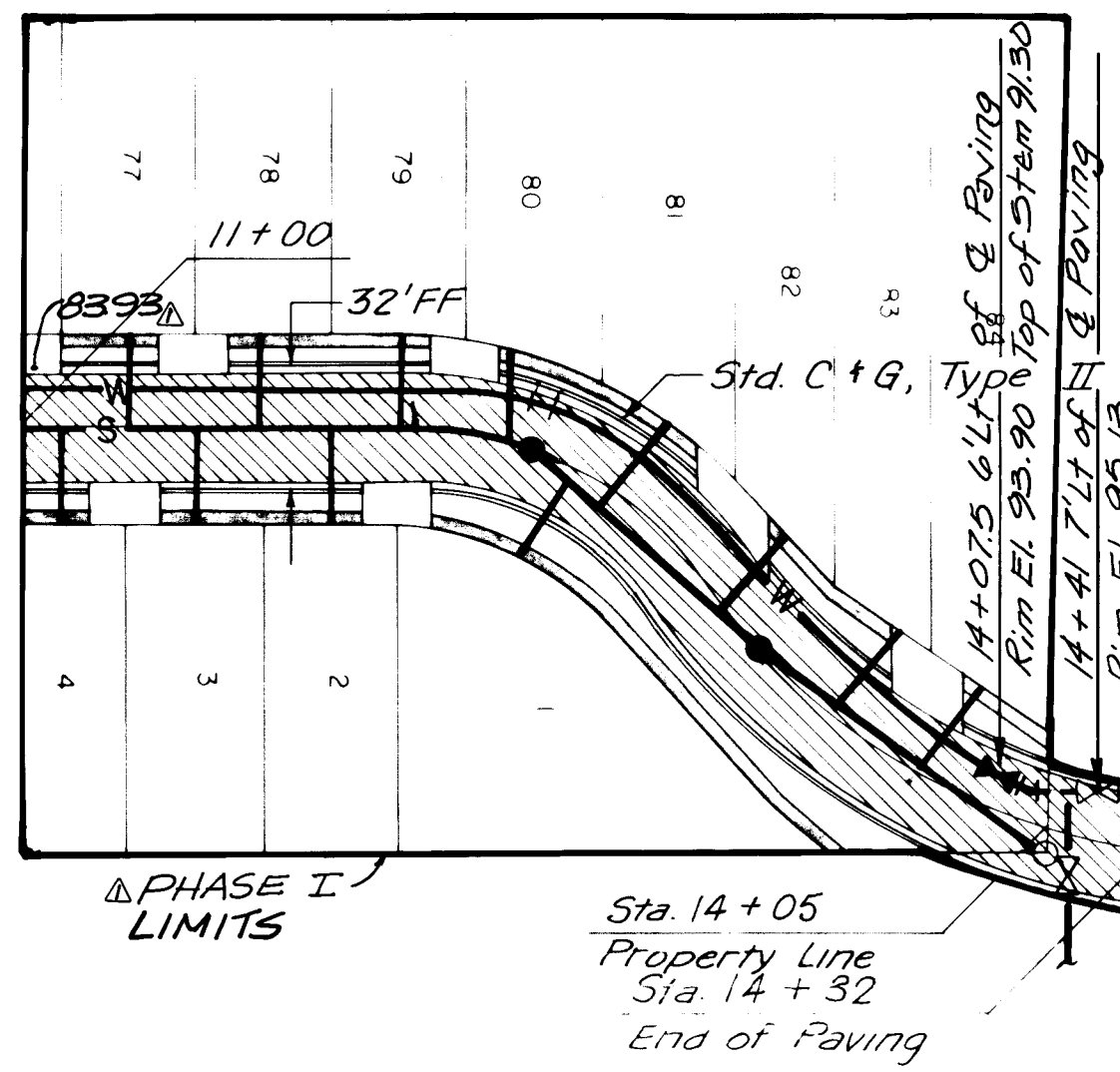
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HORIZONTAL 1" = 50'
VERTICAL 1" = 5'



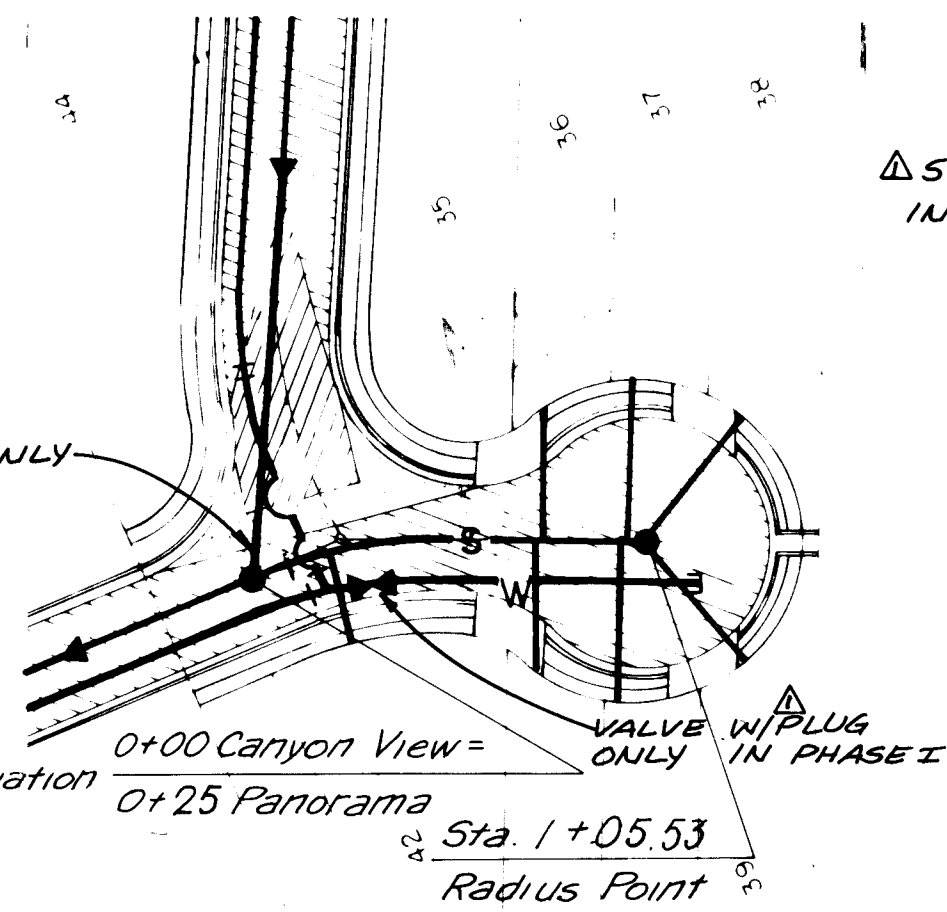
TITLE PROJECT SHEET NO. DATE DRAWN BY CHECKED BY APPROVED BY SCALE CITY OF ALBANY PLANNING DEPT. 2008	REFERENCES		SURVEY INFORMATION		BENCH MARKS	U.S. / I INFORMATION DATE MICRO-FILM INFORMATION REQUIRED BY DATE
	MAP NO.		FIELD NOTES	DATE	BENCHMARK: 8-K22, located at the intersection of Panorama Pl. and Westview Ave. NE, in the northwest quadrant of the intersection, described as a square, chiseled on top of concrete curb at the NNW curb return, elevation = 5699.65 feet	
	EST NO.		NO.	BY		
	NO.		WO NO.			
	REMARKS	BY				
	DESIGN					
REVISED						
DESIGNED BY RLB		DATE 6-80				
DRAWN BY LCC		DATE 6-80				
CHECKED BY RLB		DATE 6-80				
HOW ESTATES SHFLT 6 OF 9						

Note:
C & G Curve Data
& Location.

Curve Data
R = 175.0'
 $\Delta = 49^\circ 22' 09''$
T = 84.13'
L = 150.77'

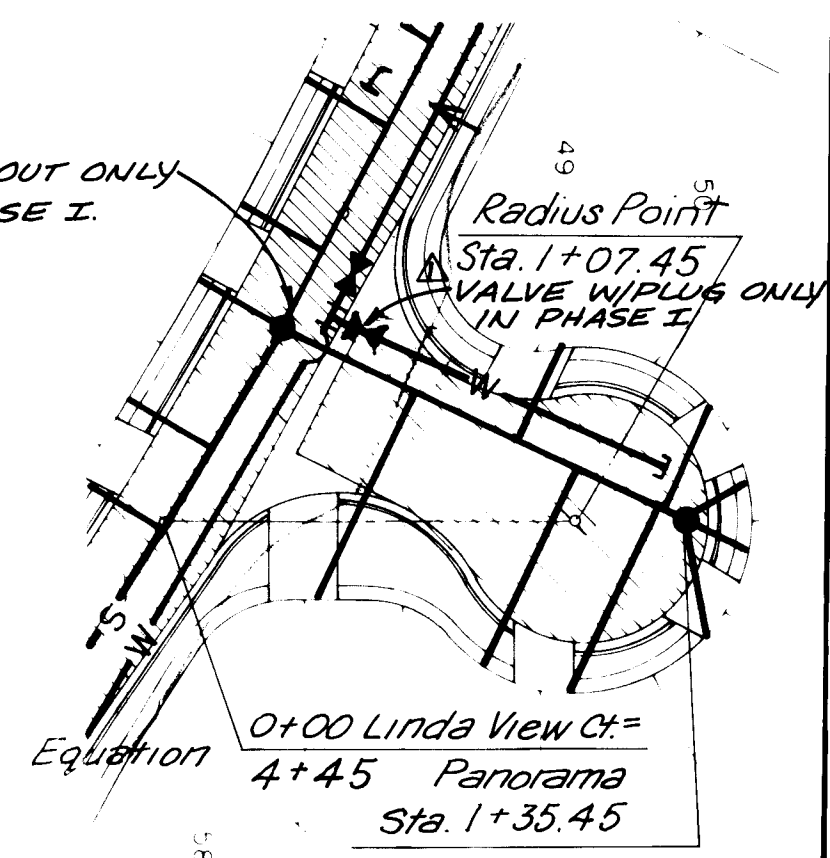


PANORAMA LOOP (Cont.)

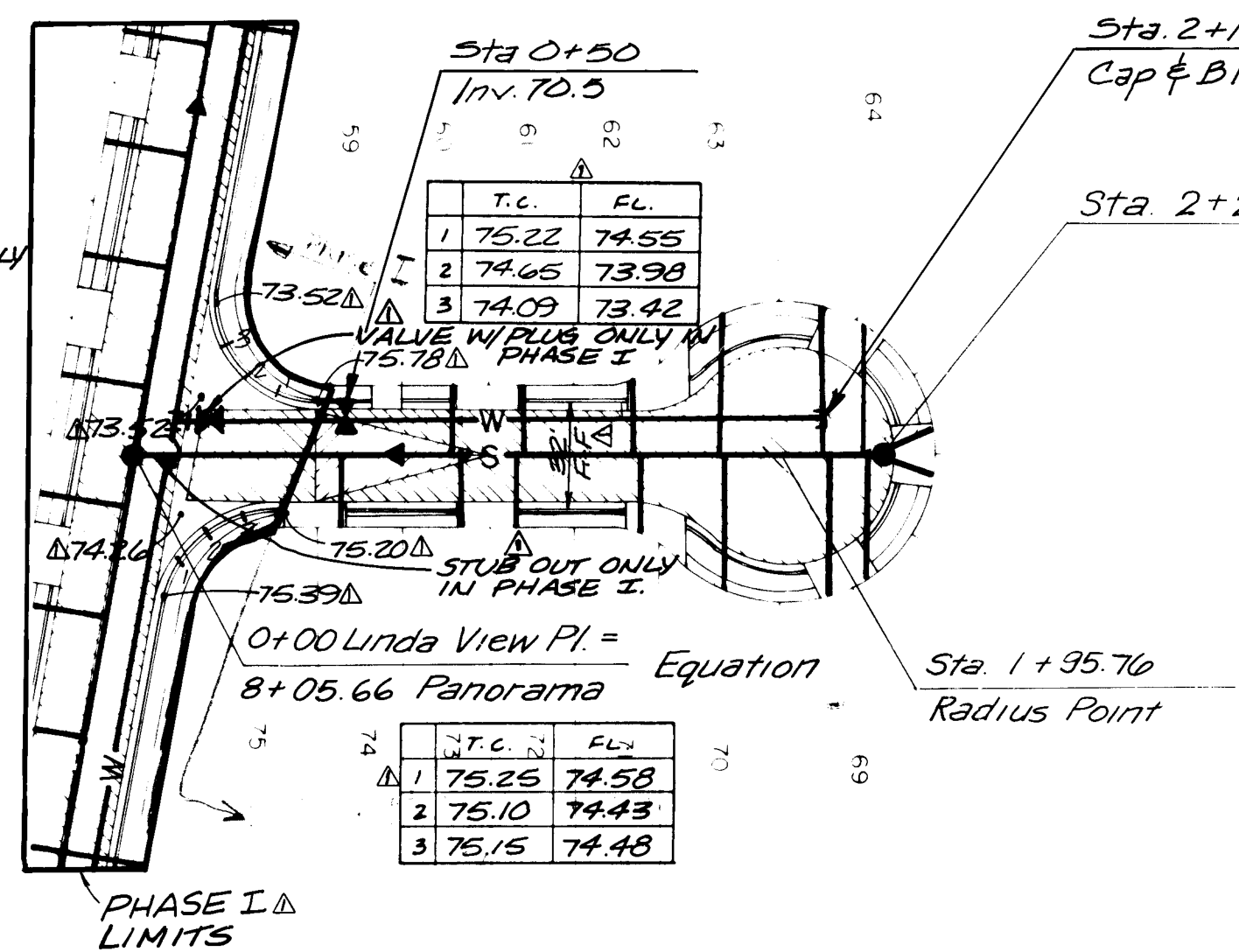


CANYON VIEW COURT

Linda View Court
Rt. Curb
 $\Delta = 90^\circ$
R = 40'
Lt. Curb
 $\Delta = 90^\circ$
R = 40'



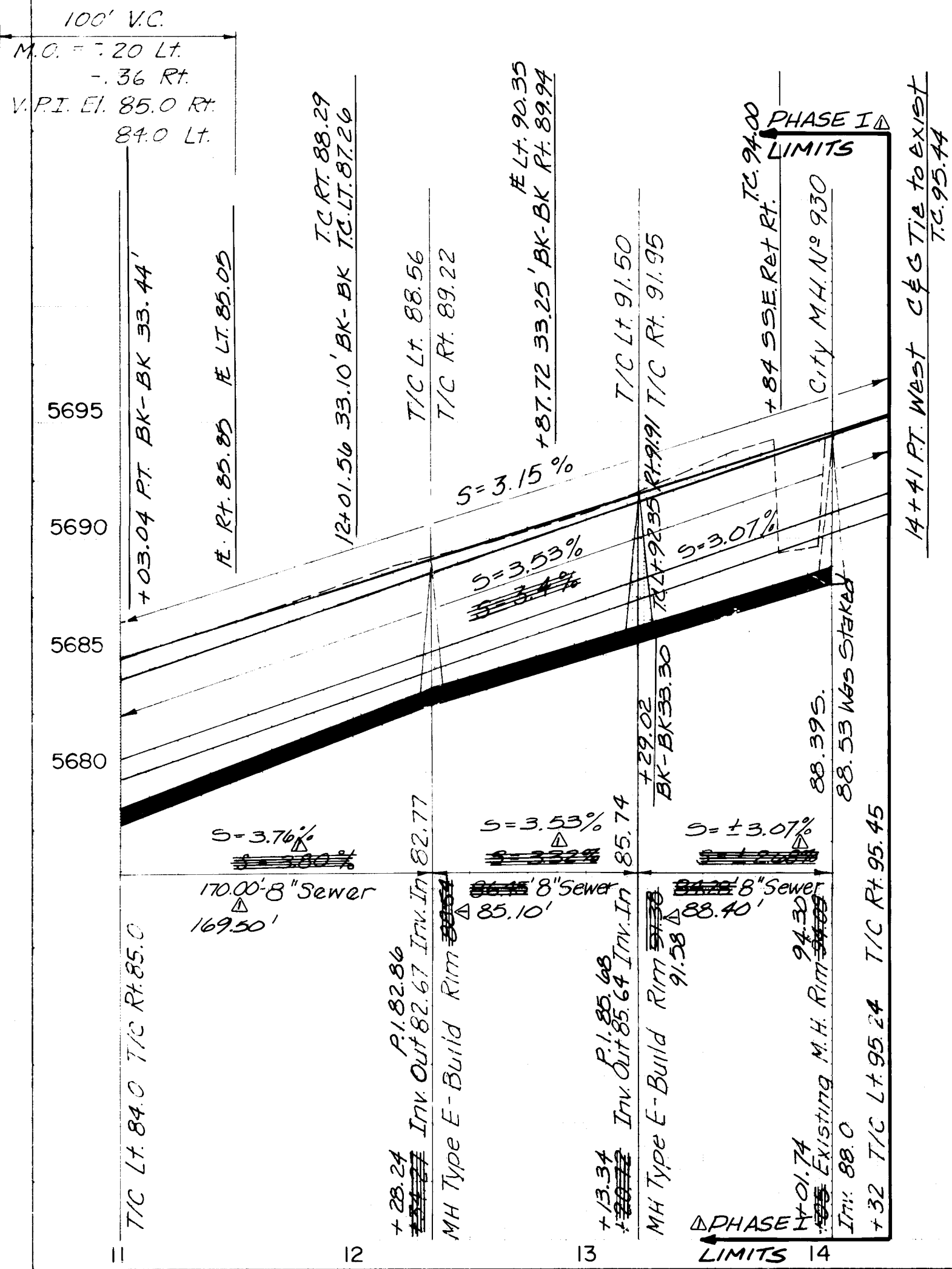
LINDA VIEW COURT



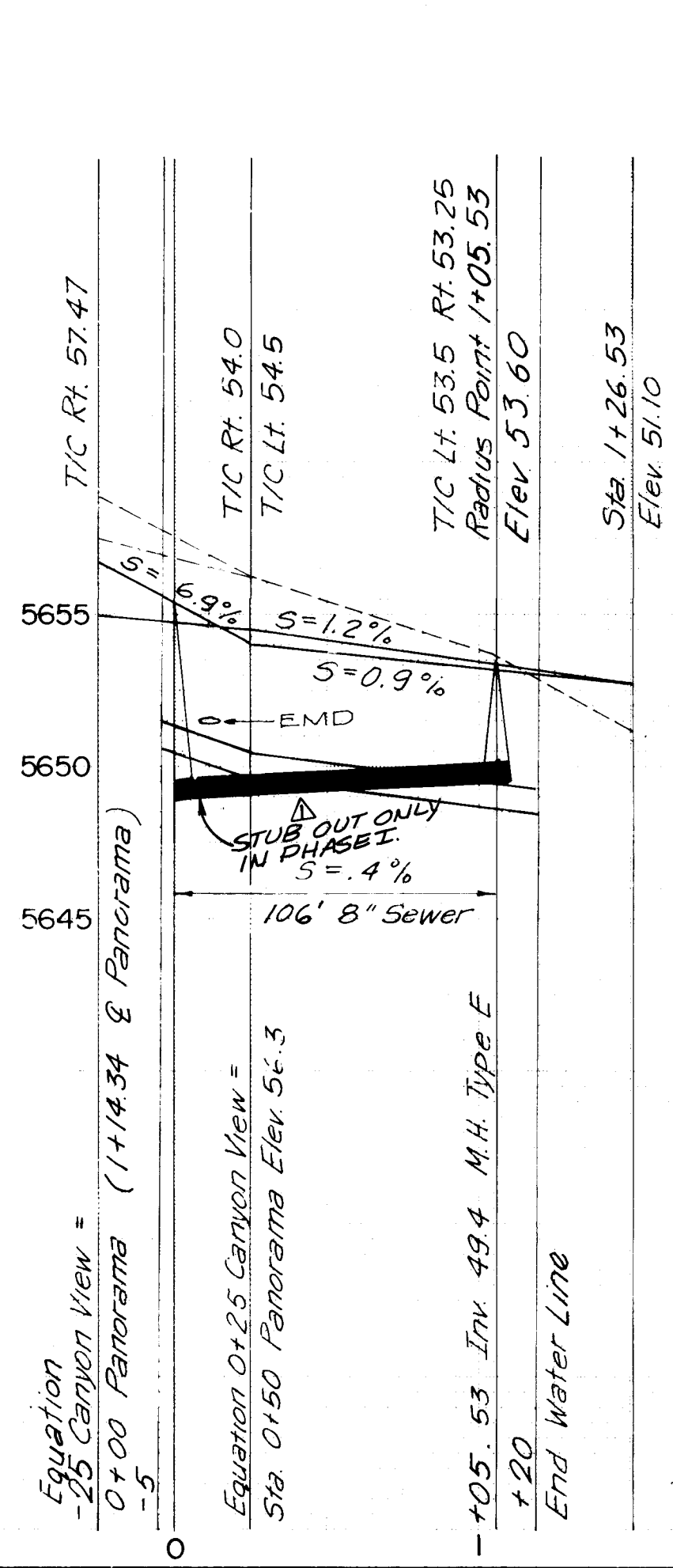
LINDA VIEW PLACE

Linda View Place
Rt. Curb
R = 40'
 $\Delta = 79.51695^\circ$
LC = 55.51'
T = 33.28
Lt. Curb
R = 30'
 $\Delta = 100.4830556^\circ$
LC = 52.61'
T = 36.06'

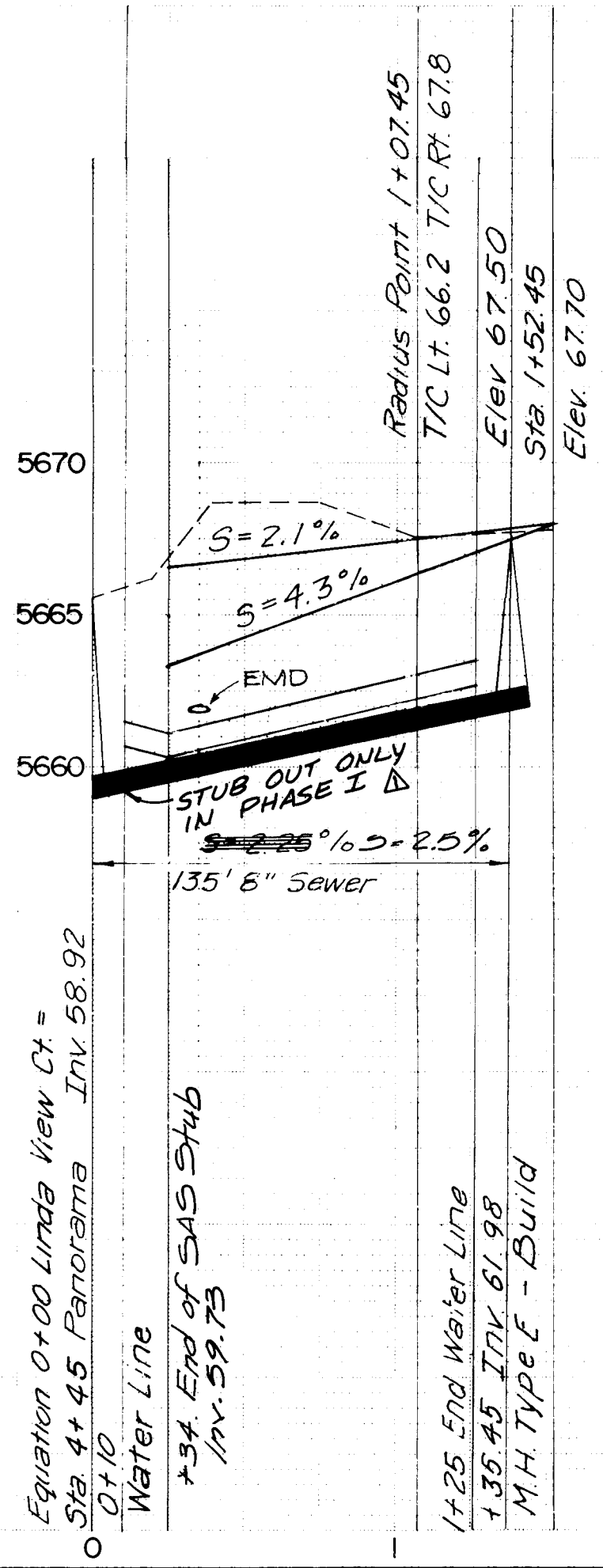
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HORIZONTAL 1" = 50'
VERTICAL 1" = 5'



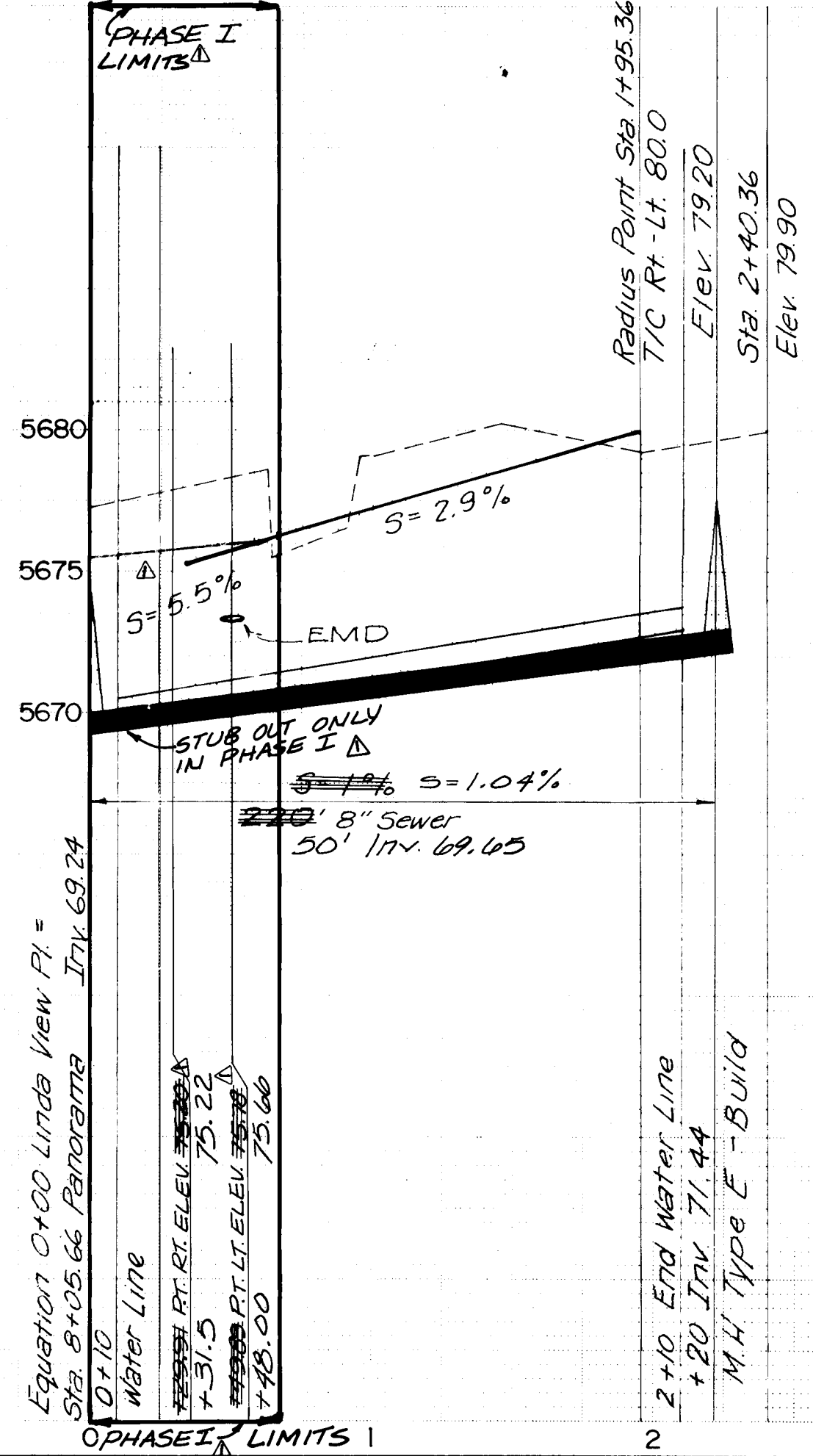
PANORAMA LOOP (Cont.)



CANYON VIEW COURT



LINDA VIEW COURT



LINDA VIEW PLACE

26 1107 0784

APPROVED FOR
CONSTRUCTION
CITY ENGINEER
DATE

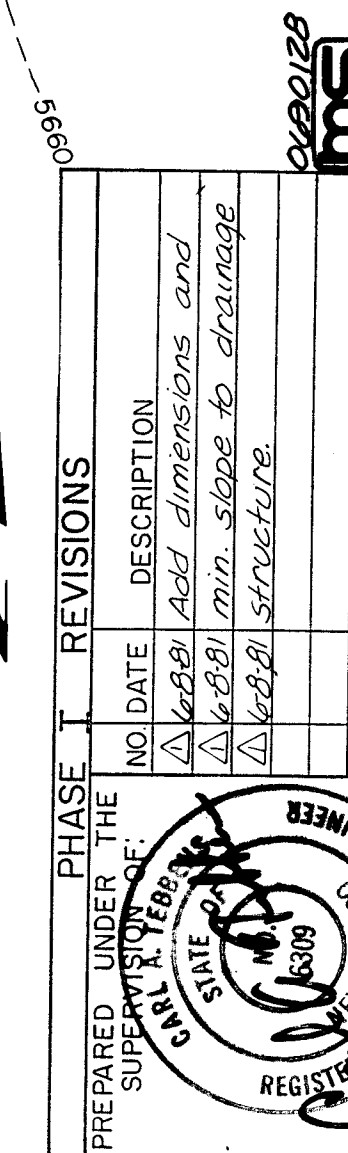
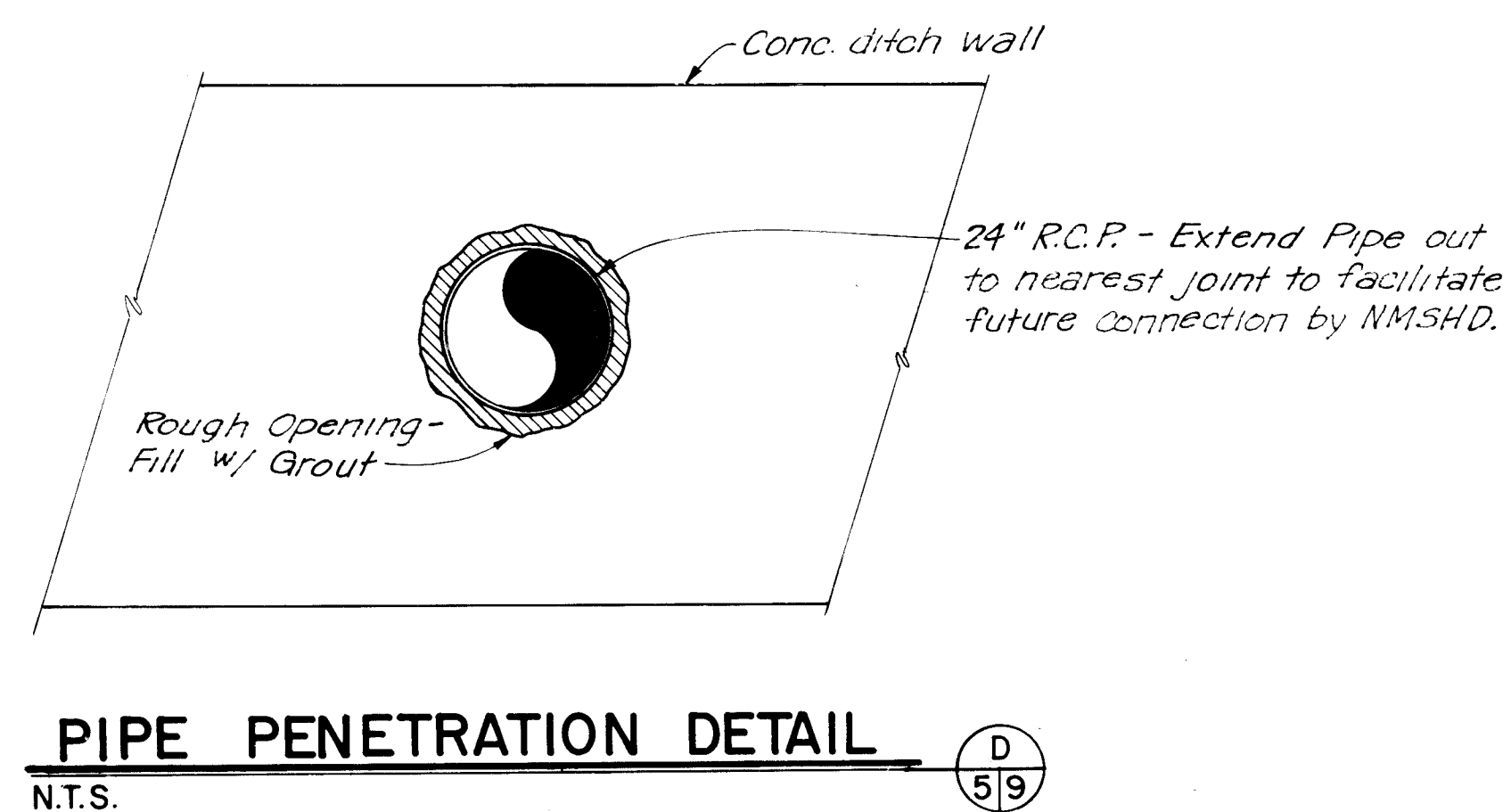
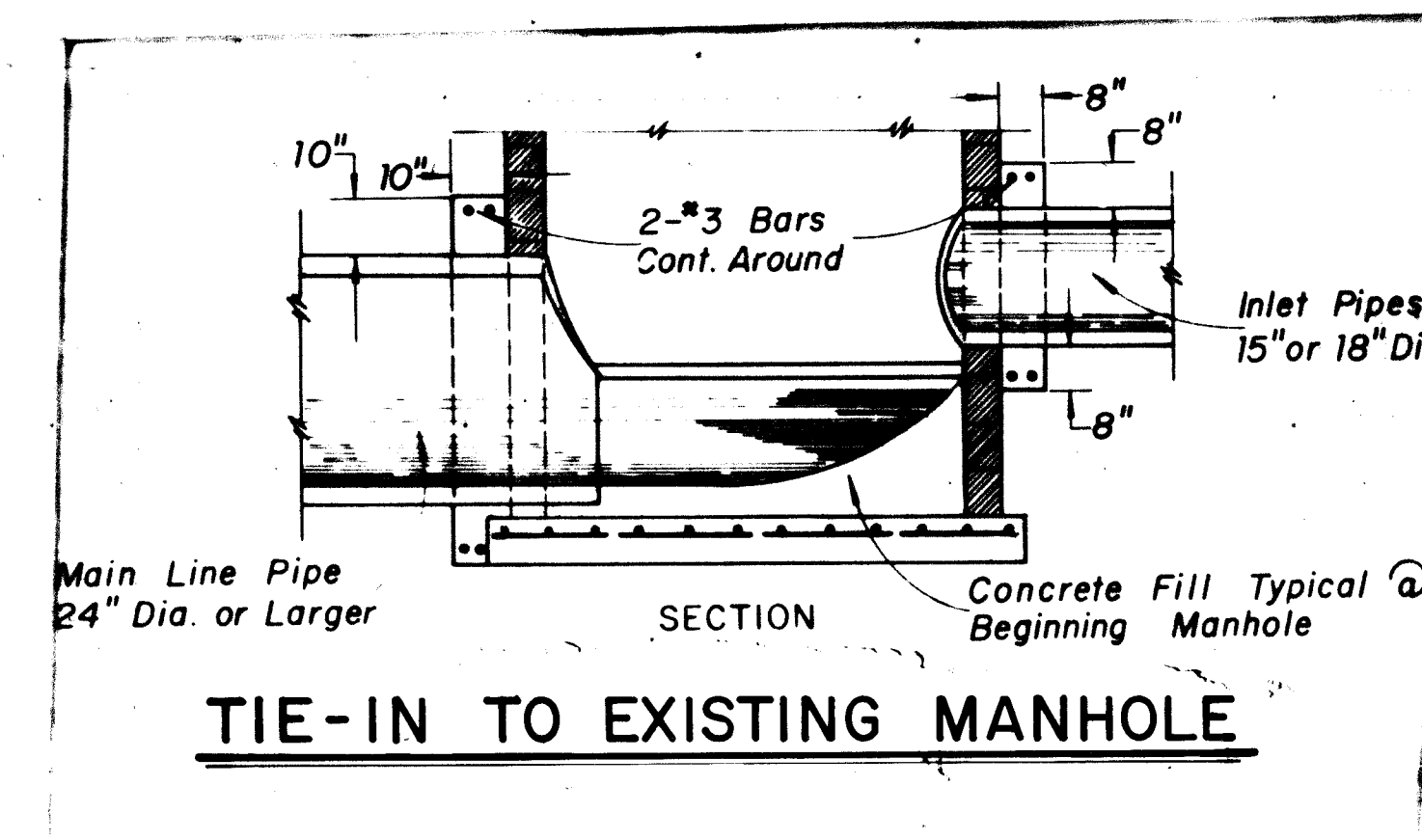
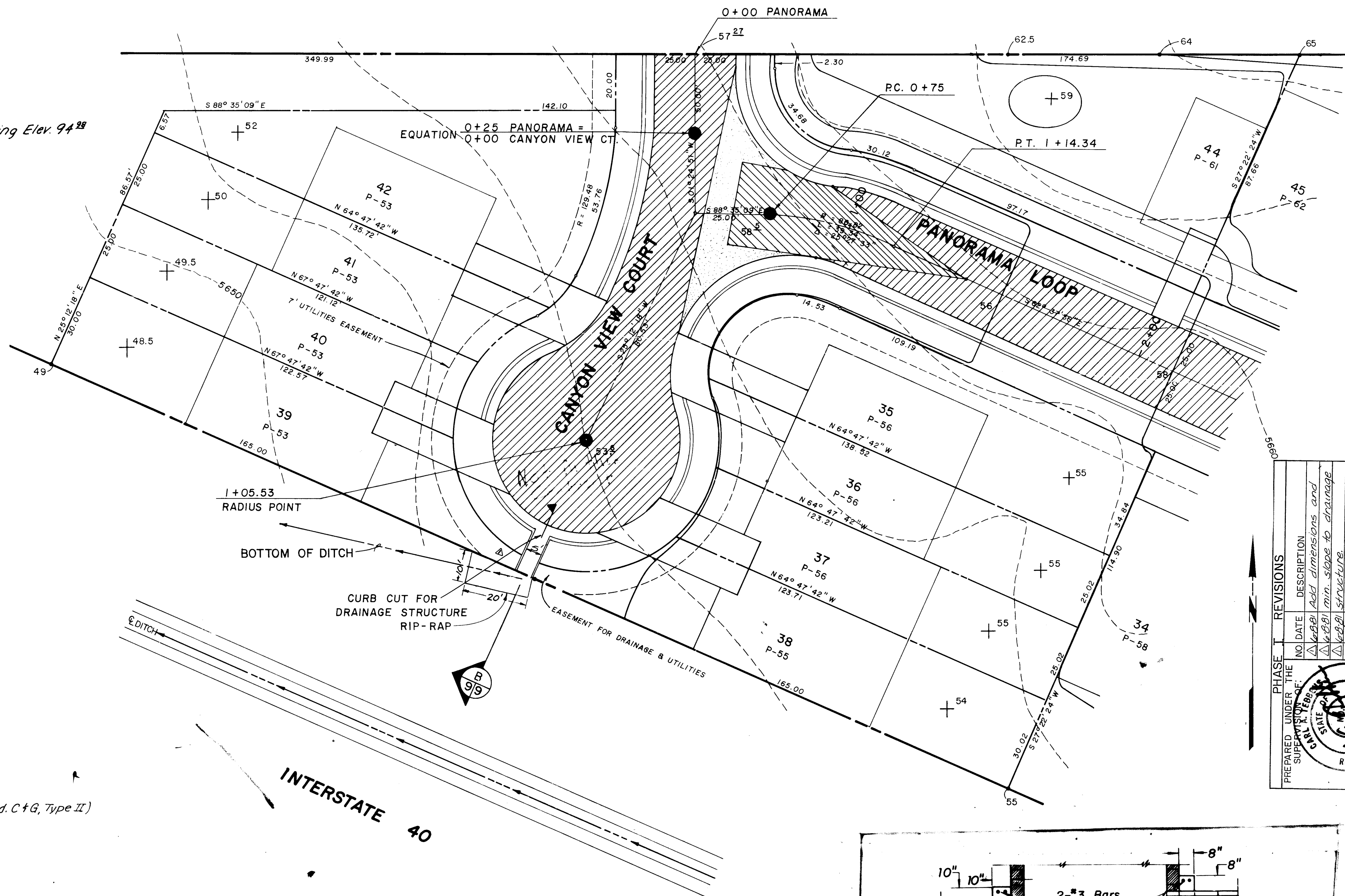
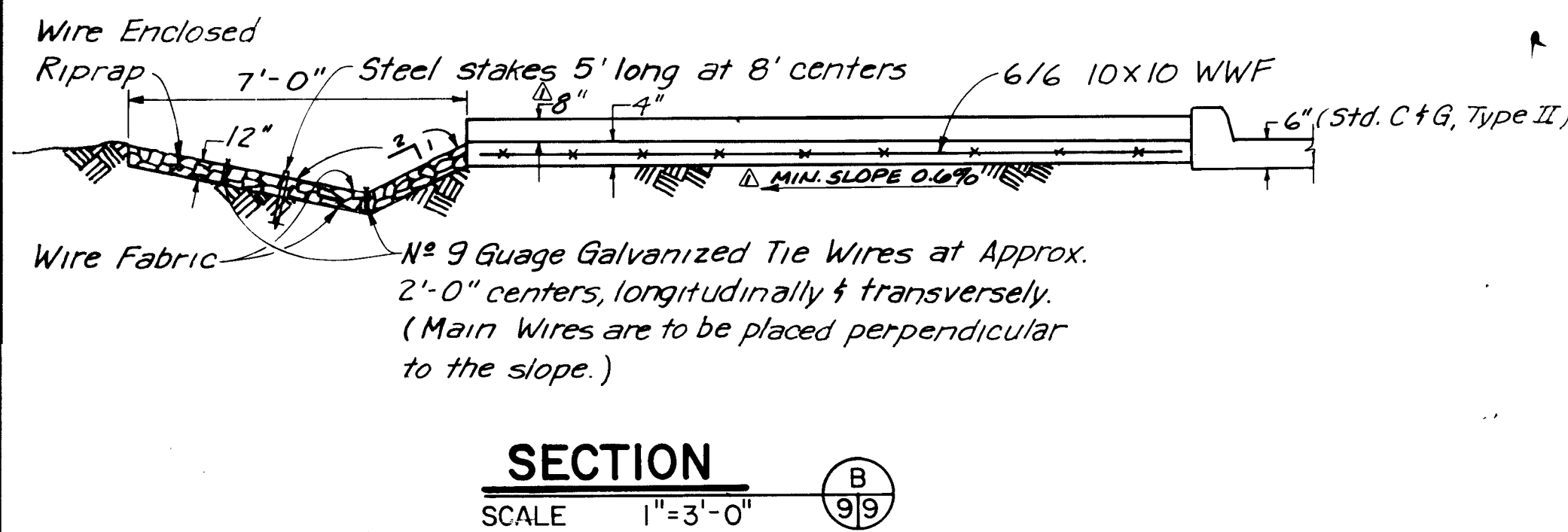
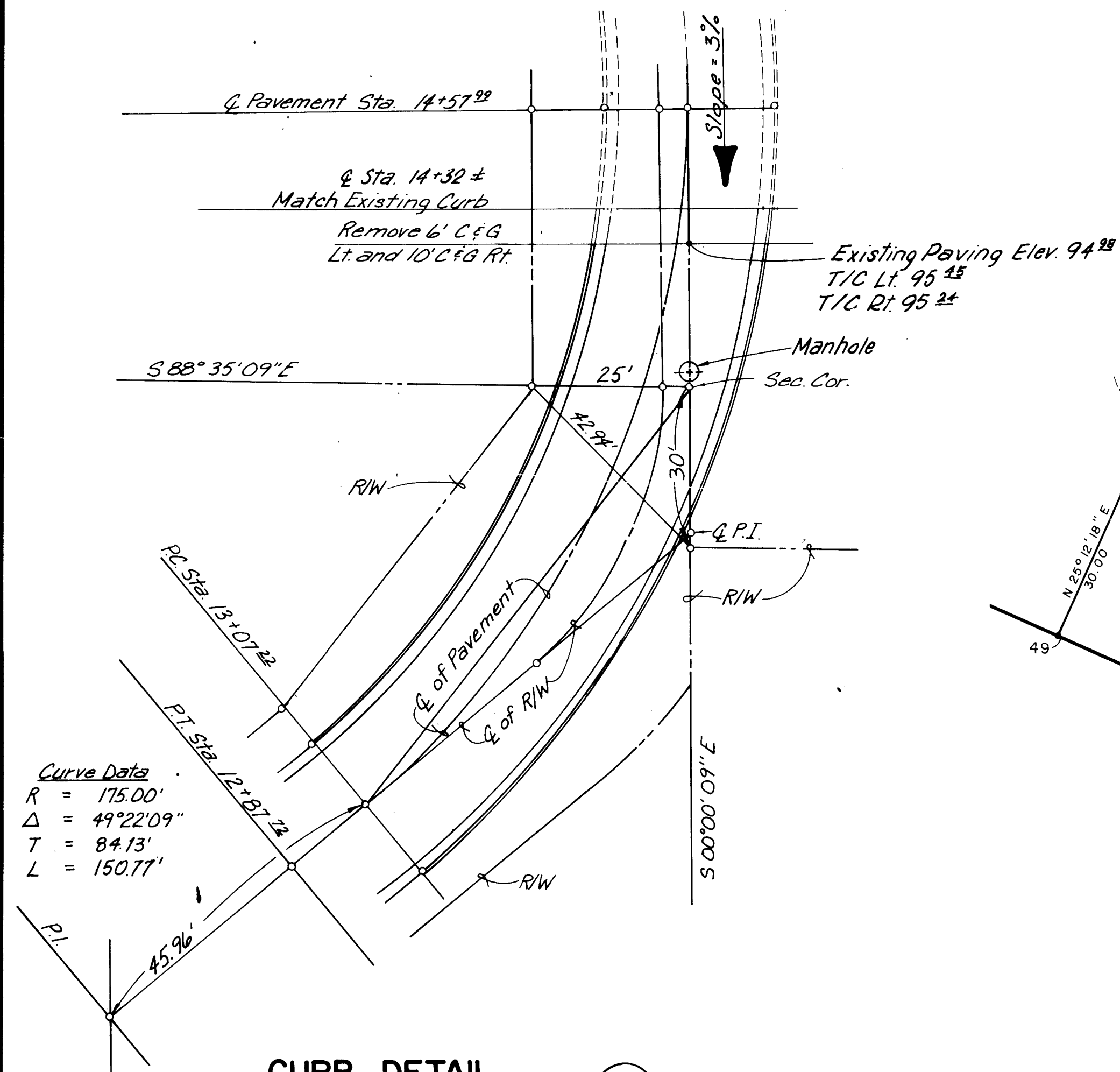
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEER DIVISION

TITLE: MOUNTAIN SHADOW ESTATES
PANORAMA LOOP, CANYON VIEW CT., LINDA VIEW PLACE & COURT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	Design	4/9/81	Liquid Waste	Design	4/9/81
A.C.E. - Hydrology	Design	4/9/81	Water	Design	4/9/81

DRAWING NO. 1107 SHEET 7 OF 9

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES	
CONTRACTOR	DATE	FIELD NOTES	NO.	MAP NO.	EST. NO.	NO.	DATE
City of Albuquerque	4/9/81						
INSPECTOR	DATE						
Inspector	4/9/81						
ACCEPTANCE	DATE						
Inspector	4/9/81						
FIELD DRAWINGS	DATE						
Inspector	4/9/81						
CONSTRUCTION	DATE						
Inspector	4/9/81						
RECORDING	DATE						
Inspector	4/9/81						



APPROVED FOR CONSTRUCTION
Richard S. Siller
CITY ENGINEER
DATE 11/19/81

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: MOUNTAIN SHADOW ESTATES MISCELLANEOUS DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	CSA	4/9/81	Liquid Waste	N/A	2/2/81
Design	CSA	4/9/81	Traffic	N/A	2/2/81
A.C.E. - Hydrology	CSA	4/9/81	Water	N/A	2/2/81
DRAWING NO. 1107			SHEET 9 OF 9		

SURVEY INFORMATION			BENCH MARKS			AS BUILT INFORMATION		
MAP NO.	EST. NO.	NO.	W.O. NO.	NO.	DATE	CONTRACTOR	DATE	NO.
						BENCHMARK: 8-K22, LOCATED AT THE INTERSECTION OF PANORAMA PL. AND WESTVIEW AVE. N.E., IN THE NORTHWEST QUADRANT OF THE INTERSECTION, DESCRIBED AS A SQUARE, CHISELED ON TOP OF CONCRETE CURB AT THE N.W. CURB RETURN, ELEVATION = 5699.65 FEET.		
REVISIONS			REVISIONS			REVISIONS		
NO.	DATE	REMARKS	NO.	DATE	REMARKS	NO.	DATE	REMARKS
1	11/10/81	DESIGN						
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								