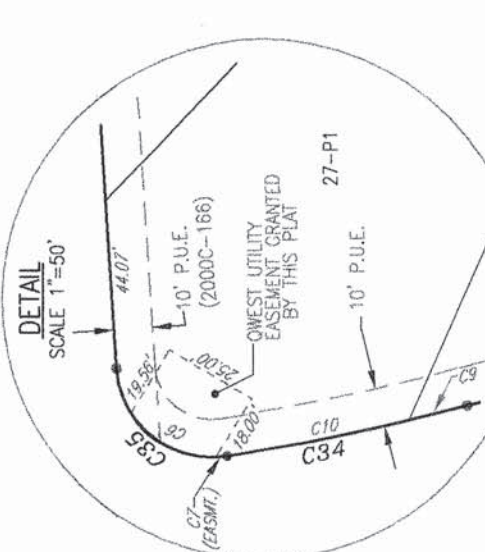
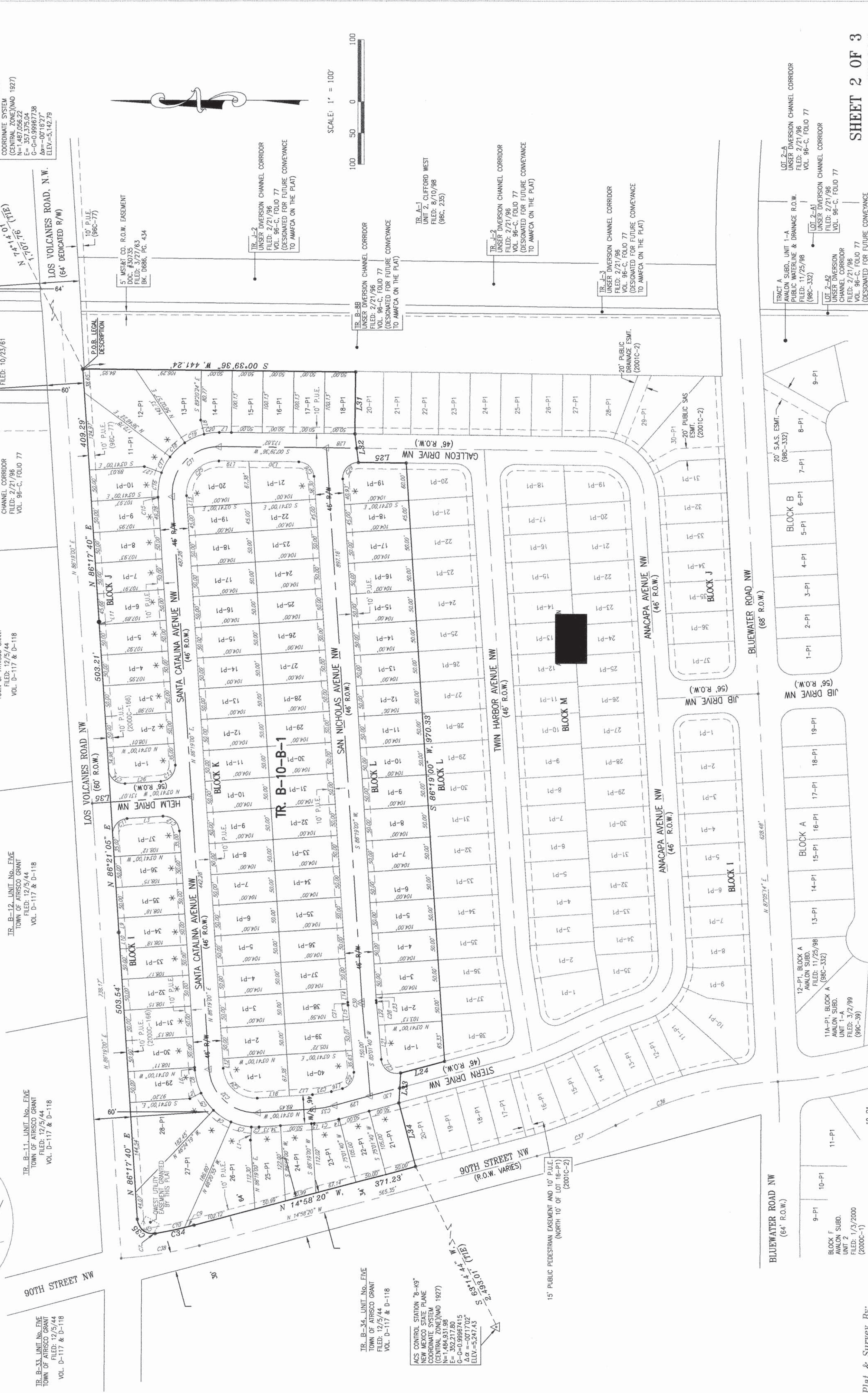


JANUARY, 2001

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PLAT OF
AVALON SUBDIVISION
UNIT 3-B
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
JANUARY 2001



Plat & Survey By:
ALBUQUERQUE SURVEYING CO., INC., 2119 Menaul Blvd. N.E., Albuquerque, New Mexico 87107, Ph. (505) 884-2036

SHEET 2 OF 3
98081P-B-2-C

PLAT OF
AVALON SUBDIVISION
UNIT 3-B
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
JANUARY 2001

LOT AREA TABLE

LOT NO.	AREA (SQ. FT.)
1-1	6,218
2-1	5,280
3-1	5,280
4-1	5,280
5-1	5,280
6-1	5,280
7-1	5,280
8-1	5,280
9-1	5,280
10-1	5,280
11-1	5,280
12-1	5,280
13-1	5,280
14-1	5,280
15-1	5,280
16-1	5,280
17-1	5,280
18-1	5,280

LOT NO.	AREA (SQ. FT.)
19-1	5,280
20-1	5,280
21-1	5,280
22-1	5,280
23-1	5,280
24-1	5,280
25-1	5,280
26-1	5,280
27-1	5,280
28-1	5,280
29-1	5,280
30-1	5,280
31-1	5,280
32-1	5,280
33-1	5,280
34-1	5,280
35-1	5,280
36-1	5,280
37-1	5,280

LOT NO.	AREA (SQ. FT.)
38-1	5,280
39-1	5,280
40-1	5,280
41-1	5,280
42-1	5,280
43-1	5,280
44-1	5,280
45-1	5,280
46-1	5,280
47-1	5,280
48-1	5,280
49-1	5,280
50-1	5,280

LOT NO.	AREA (SQ. FT.)
51-1	5,280
52-1	5,280
53-1	5,280
54-1	5,280
55-1	5,280
56-1	5,280
57-1	5,280
58-1	5,280
59-1	5,280
60-1	5,280
61-1	5,280
62-1	5,280
63-1	5,280
64-1	5,280
65-1	5,280
66-1	5,280
67-1	5,280
68-1	5,280
69-1	5,280
70-1	5,280

LOT NO.	AREA (SQ. FT.)
71-1	5,280
72-1	5,280
73-1	5,280
74-1	5,280
75-1	5,280
76-1	5,280
77-1	5,280
78-1	5,280
79-1	5,280
80-1	5,280
81-1	5,280
82-1	5,280
83-1	5,280
84-1	5,280
85-1	5,280
86-1	5,280
87-1	5,280
88-1	5,280
89-1	5,280
90-1	5,280

LINE TABLE

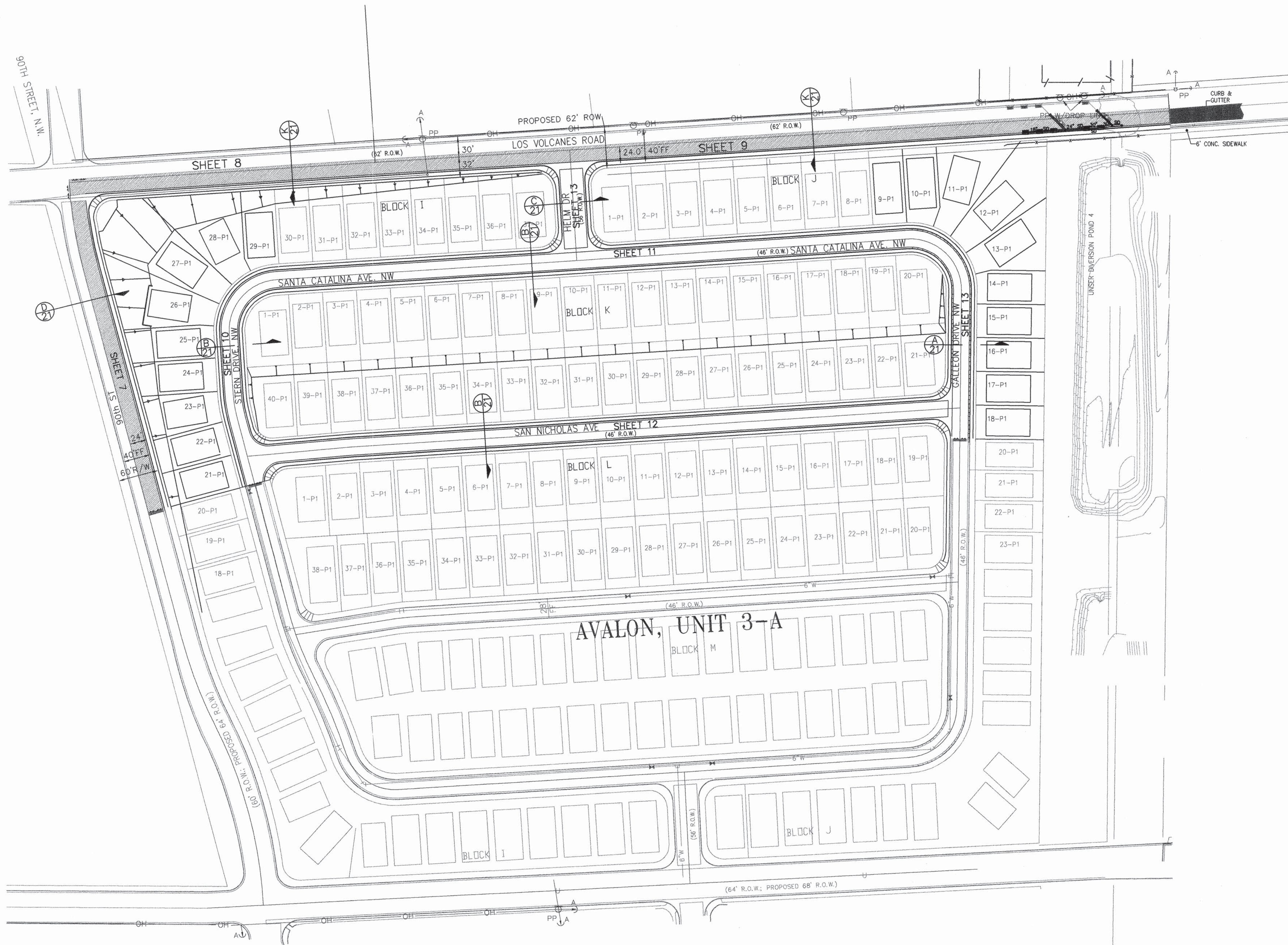
LINE	BEARING	DISTANCE (')
L1	S 88°27'12" E	20.10
L2	S 88°27'12" E	20.10
L3	S 03°41'00" E	98.10
L4	S 14°58'20" E	0.85
L5	S 03°41'00" E	4.72
L6	S 88°19'00" W	4.68
L7	S 72°06'53" W	23.25
L8	N 88°51'05" E	22.87
L9	N 88°17'40" E	27.13
L10	N 88°51'05" E	4.24
L11	N 88°19'00" E	15.38
L12	N 88°19'00" E	4.68
L13	S 03°41'00" W	21.36
L14	S 88°19'00" W	24.08
L15	S 88°01'40" E	24.08
L16	N 14°58'20" W	18.60
L17	N 03°41'00" W	37.45
L18	N 03°41'00" W	92.00
L19	S 03°41'00" W	48.83
L20	N 88°01'40" E	55.76
L21	N 88°01'40" E	37.03
L22	N 88°19'00" E	9.44
L23	N 88°19'00" E	73.41
L24	N 14°58'20" W	77.33
L25	S 03°41'00" W	29.49
L26	S 19°15'44" W	48.76
L27	S 03°41'00" W	49.93
L28	N 14°58'20" W	100.13
L29	N 88°01'40" E	48.46
L30	N 88°01'40" E	105.00
L31	N 03°41'00" W	29.93

CURVE TABLE

CURVE	LENGTH (')	DELTA	RADIUS (')	CHORD BEG.	CHORD (')
C1	40.00	111°11'20"	203.00	S 09°19'40" E	59.93
C2	12.64	07°22'28"	98.00	S 13°40'47" W	33.94
C3	34.11	19°56'36"	98.00	S 33°37'23" W	33.94
C4	34.11	19°56'36"	98.00	S 53°35'59" W	33.94
C5	34.11	19°56'36"	98.00	N 41°59'17" E	34.96
C6	36.96	22°46'43"	98.00	S 24°55'39" W	38.70
C7	15.53	07°26'41"	616.00	N 14°15'00" W	15.93
C8	48.44	04°30'20"	616.00	N 11°16'29" W	48.43
C9	39.25	89°57'55"	65.00	S 48°59'59" E	55.34
C10	39.25	90°00'00"	65.00	S 41°19'00" W	55.36
C11	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C12	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C13	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C14	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C15	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C16	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C17	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C18	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C19	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C20	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C21	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C22	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C23	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C24	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C25	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C26	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C27	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C28	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C29	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C30	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C31	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C32	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C33	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C34	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C35	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C36	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C37	39.25	90°00'00"	65.00	N 41°19'00" E	55.36
C38	39.25	90°00'00"	65.00	N 41°19'00" E	55.36

26 6557.81 0204

SCANNED BY
MESA REPRO

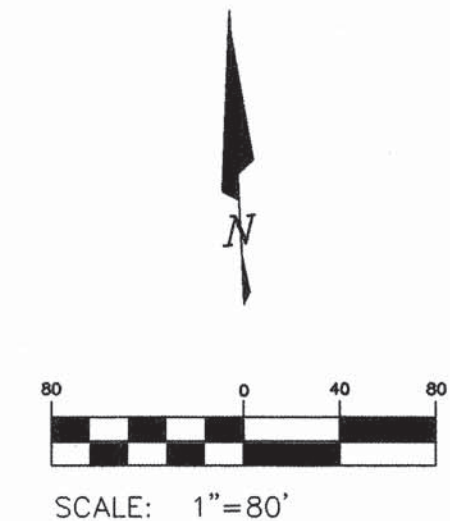


OVERALL STREET PLAN

SCALE: 1"=80'

LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT	⊙	⊙
VALVE	⋈	⋈
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	—○—	—●—
MOUNTABLE CURB	—	—
STD CURB & GUTTER	—	—
DROP INLET	—	—
OVERHEAD ELEC.	—OHE—	—OHE—
UNDERGROUND ELEC., GAS, TEL, TV	—UGT—	—UGT—
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	x 16.7	16.7
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYYED)	PP	PP
CHAIN LINK FENCE	—	—
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	—	—
STREET LIGHT	—	—
50' CROWN TRANSITION	—	—



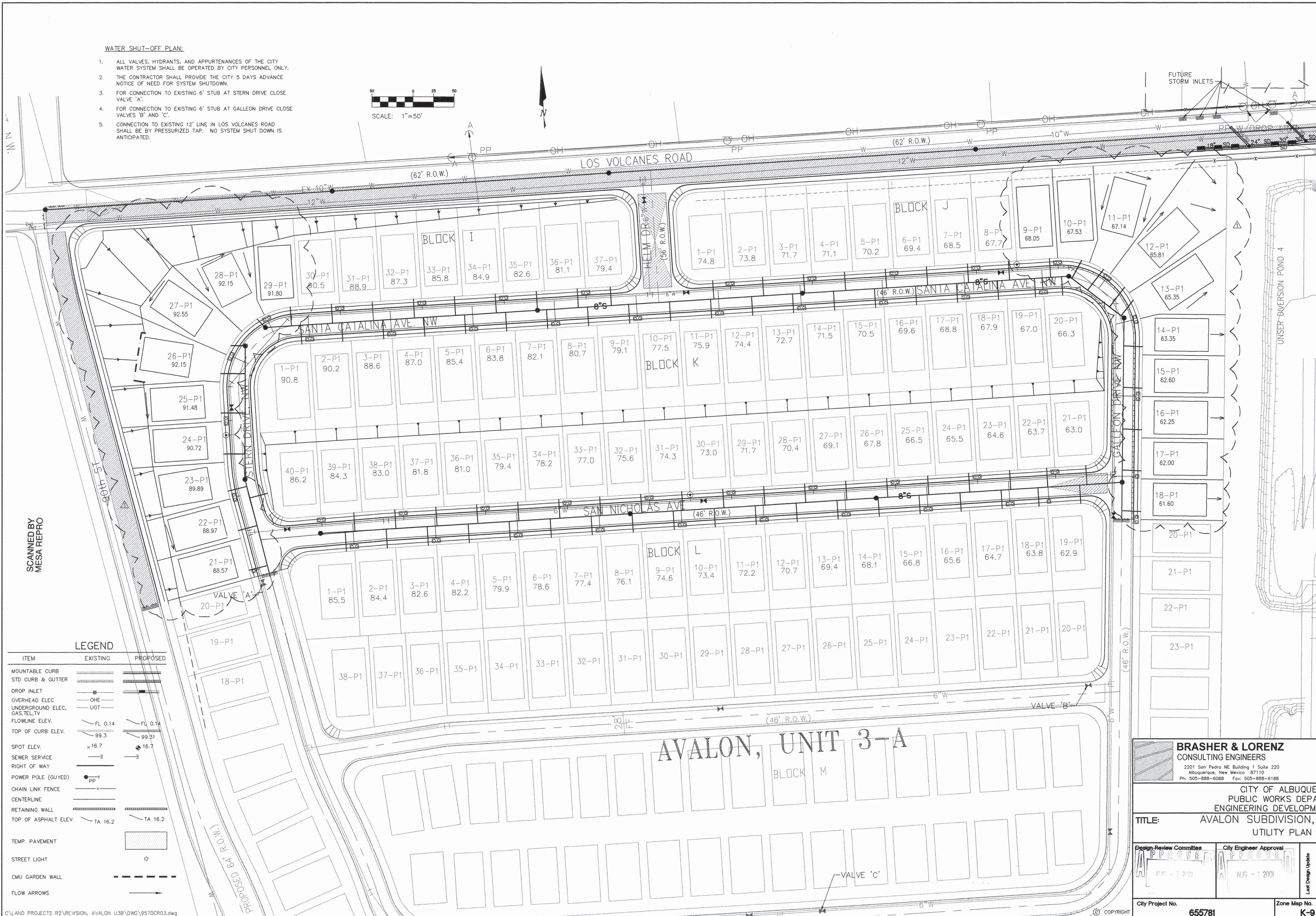
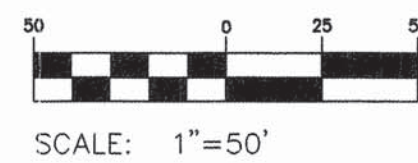
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CONTRACTOR	SUNDANCE	DATE	3/2002	NO.	BY	DATE	DATE	NO.	DATE	REMARKS	BY
STATED BY	R. BACA	DATE	3/2002	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
ACCEPTANCE BY	R. BACA	DATE	3/2002	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DESIGNED BY	COA	DATE	3/2002	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
DRAWN BY	COA	DATE	3/2002	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
CHECKED BY	COA	DATE	3/2002	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
RECORDED BY	COA	DATE	3/2002	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
MICRO-FILM INFORMATION		ELEVATION = 5142.79 FEET		IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"		LOS VOLCANES RD. THE STATION IS SET FUSH		NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON		CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	
CONTRACTOR'S SEAL		CONTRACTOR'S SEAL		CONTRACTOR'S SEAL		CONTRACTOR'S SEAL		CONTRACTOR'S SEAL		CONTRACTOR'S SEAL	

BRASHER & LORENZ
CONSULTING ENGINEERS
2201 San Pedro NE Building 1 Suite 220
Albuquerque, New Mexico 87110
Ph: 505-888-6088 Fax: 505-888-6188

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
OVERALL PAVING AND STORM LAYOUT PLAN

Design/Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
AUG - 7 2001	AUG - 7 2001		
City Project No.	Zone Map No.	Sheet	Of
655781	K-9	3	24

1. ALL VALVES, HYDRANTS, AND APPURTENANCES OF THE CITY WATER SYSTEM SHALL BE OPERATED BY CITY PERSONNEL ONLY.
2. THE CONTRACTOR SHALL PROVIDE THE CITY 5 DAYS ADVANCE NOTICE OF NEED FOR SYSTEM SHUTDOWN.
3. FOR CONNECTION TO EXISTING 6" STUB AT STERN DRIVE CLOSE VALVE 'A'.
4. FOR CONNECTION TO EXISTING 6" STUB AT GALLEON DRIVE CLOSE VALVES 'B' AND 'C'.
5. CONNECTION TO EXISTING 12" LINE IN LOS VOLCANES ROAD SHALL BE BY PRESSURIZED TAP. NO SYSTEM SHUT DOWN IS ANTICIPATED.



LEGEND		
ITEM	EXISTING	PROPOSED
MOUNTABLE CURB		
STD CURB & GUTTER		
DROP INLET		
OVERHEAD ELEC.		
UNDERGROUND ELEC., GAS, TEL. TV		
FLOWLINE ELEV.		
TOP OF CURB ELEV.		
SPOT ELEV.		
SEWER SERVICE		
RIGHT OF WAY		
POWER POLE (GU'YED)		
CHAIN LINK FENCE		
CENTERLINE		
RETAINING WALL		
TOP OF ASPHALT ELEV.		
TEMP. PAVEMENT		
STREET LIGHT		
CMU GARDEN WALL		
FLOW ARROWS		

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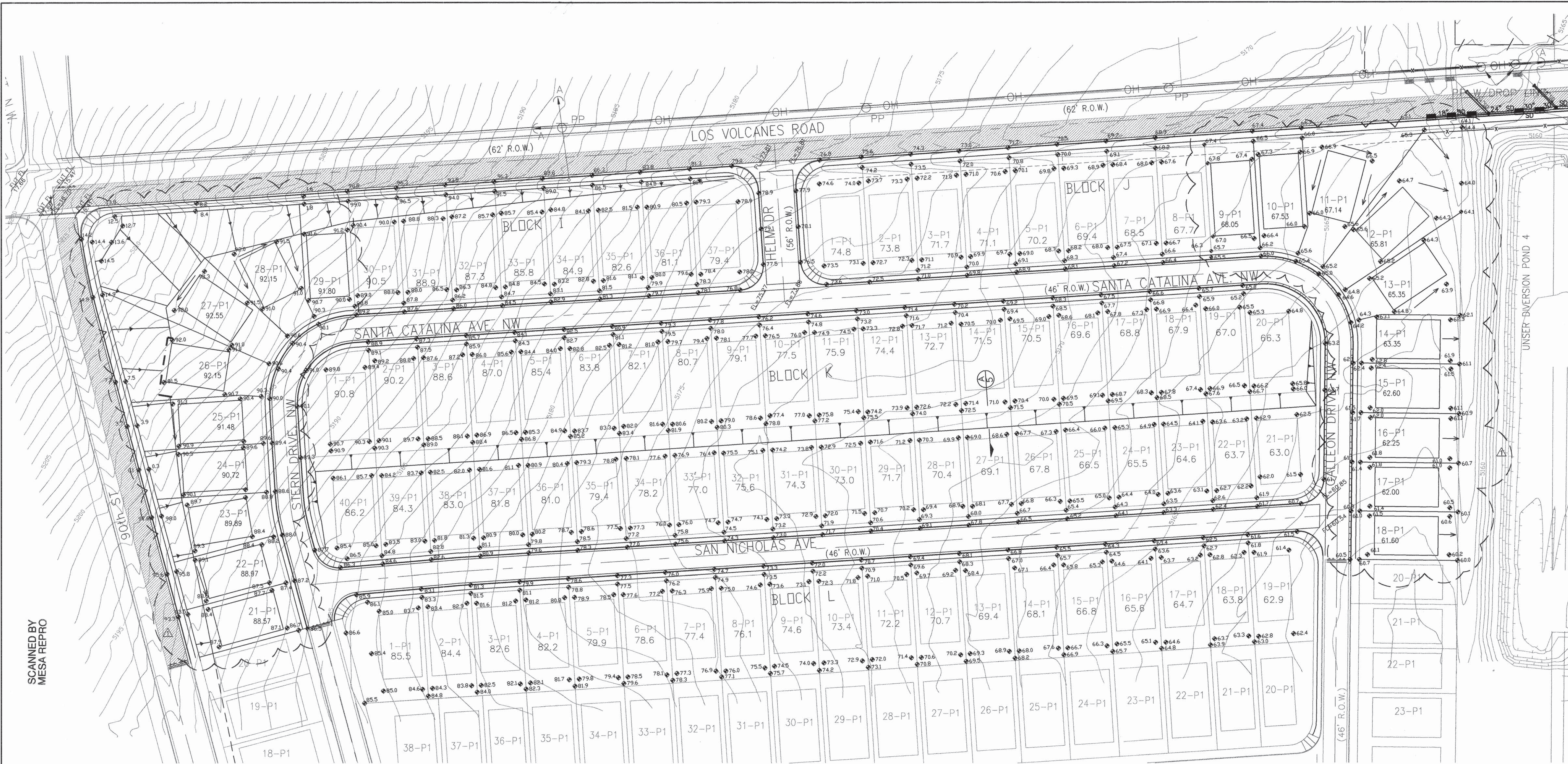
2201 San Pedro NE Building 1 Suite 220
Albuquerque, New Mexico 87110

Ph: 505-888-6088 Fax: 505-888-6188

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE:	AVALON SUBDIVISION, UNIT 3B UTILITY PLAN

Design Review Committee APPROVE AUG - 7 2001		City Engineer Approval APPROVE AUG - 7 2001		Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 655781			Zone Map No. K-9	Sheet 4	Of 24	

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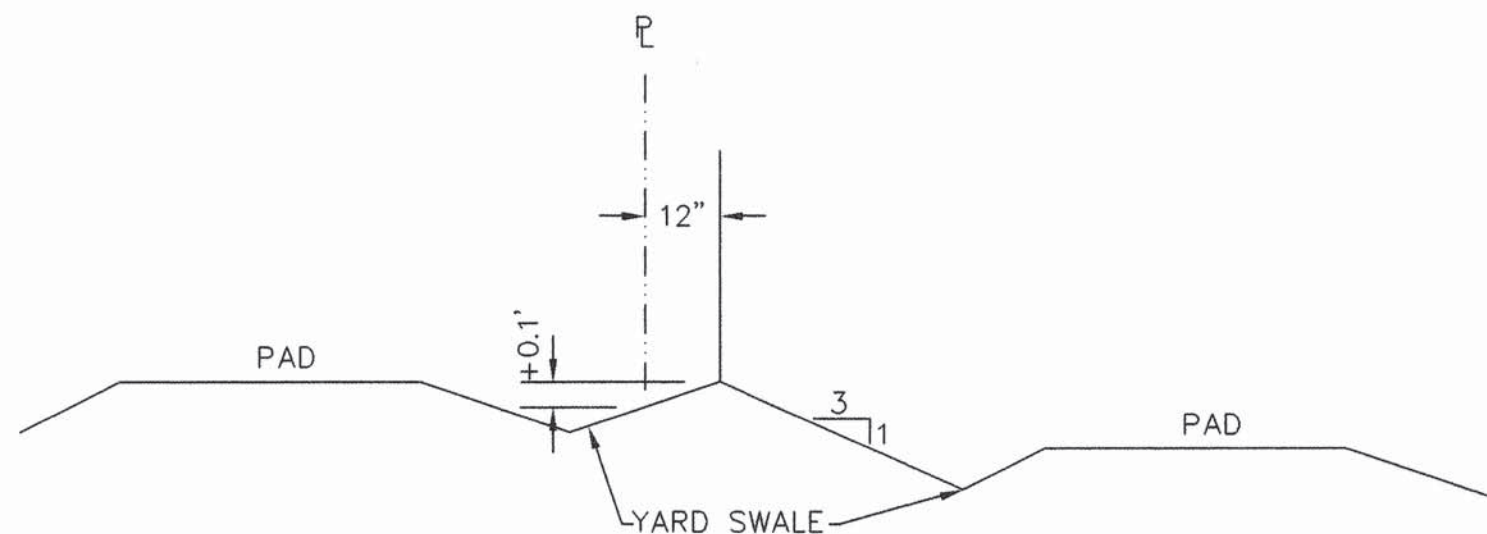


SCANNED BY
MESA REPRO

GRADING AND DRAINAGE PLAN

SCALE: 1"=50'

LEGEND		
ITEM	EXISTING	PROPOSED
MOUNTABLE CURB	---	---
STD CURB & GUTTER	---	---
DROP INLET	---	---
OVERHEAD ELEC	---	---
UNDERGROUND ELEC.	---	---
GAS, TEL, TV	---	---
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	x 16.7	x 16.7
SEWER SERVICE	---	---
RIGHT OF WAY	---	---
POWER POLE (GUYED)	PP	PP
CHAIN LINK FENCE	x	x
CENTERLINE	---	---
RETAINING WALL	---	---
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	---	---
STREET LIGHT	---	---
CMU GARDEN WALL	---	---
FLOW ARROWS	---	---



BLOCK 'K' - SECTION

NTS

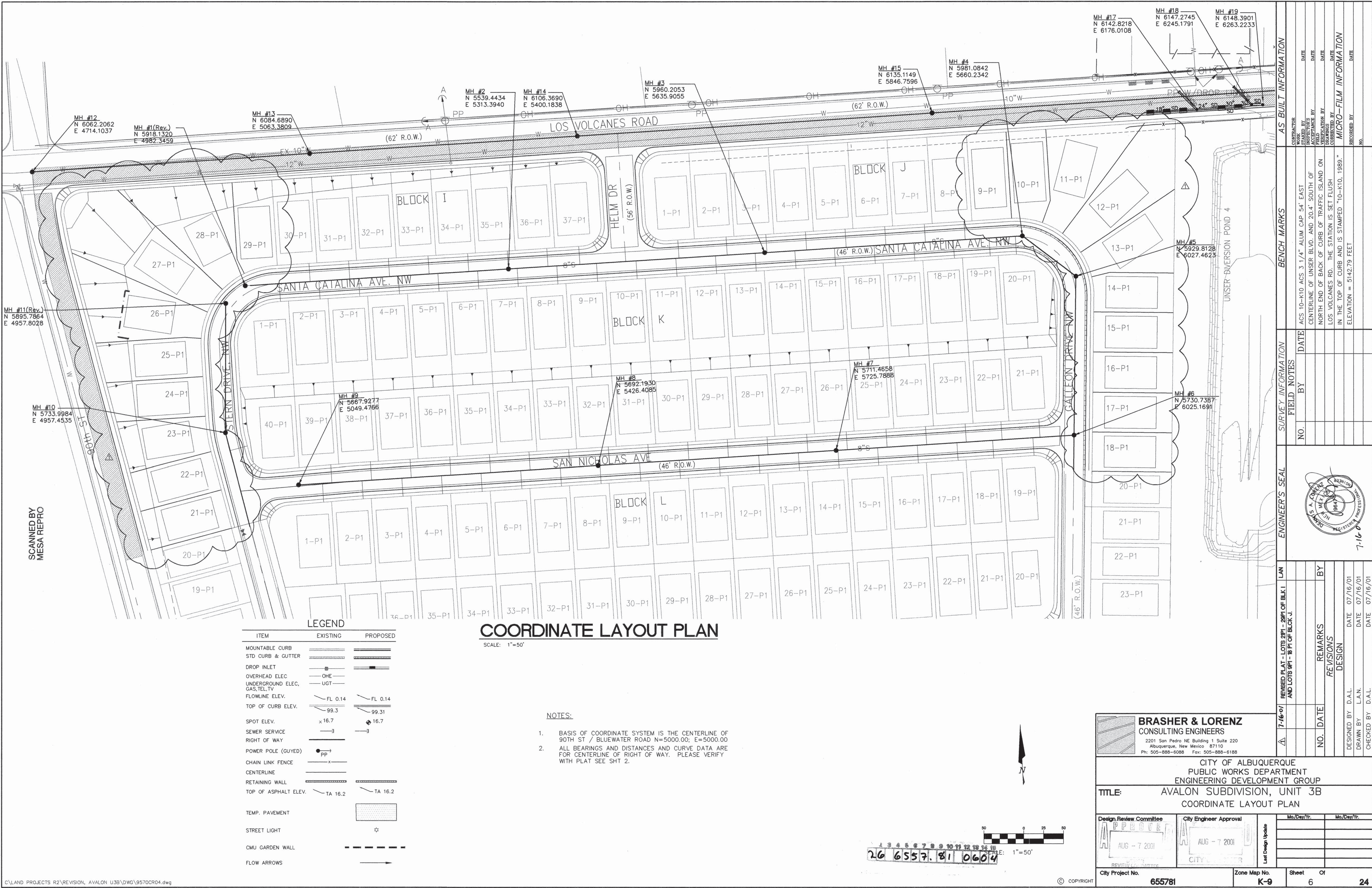
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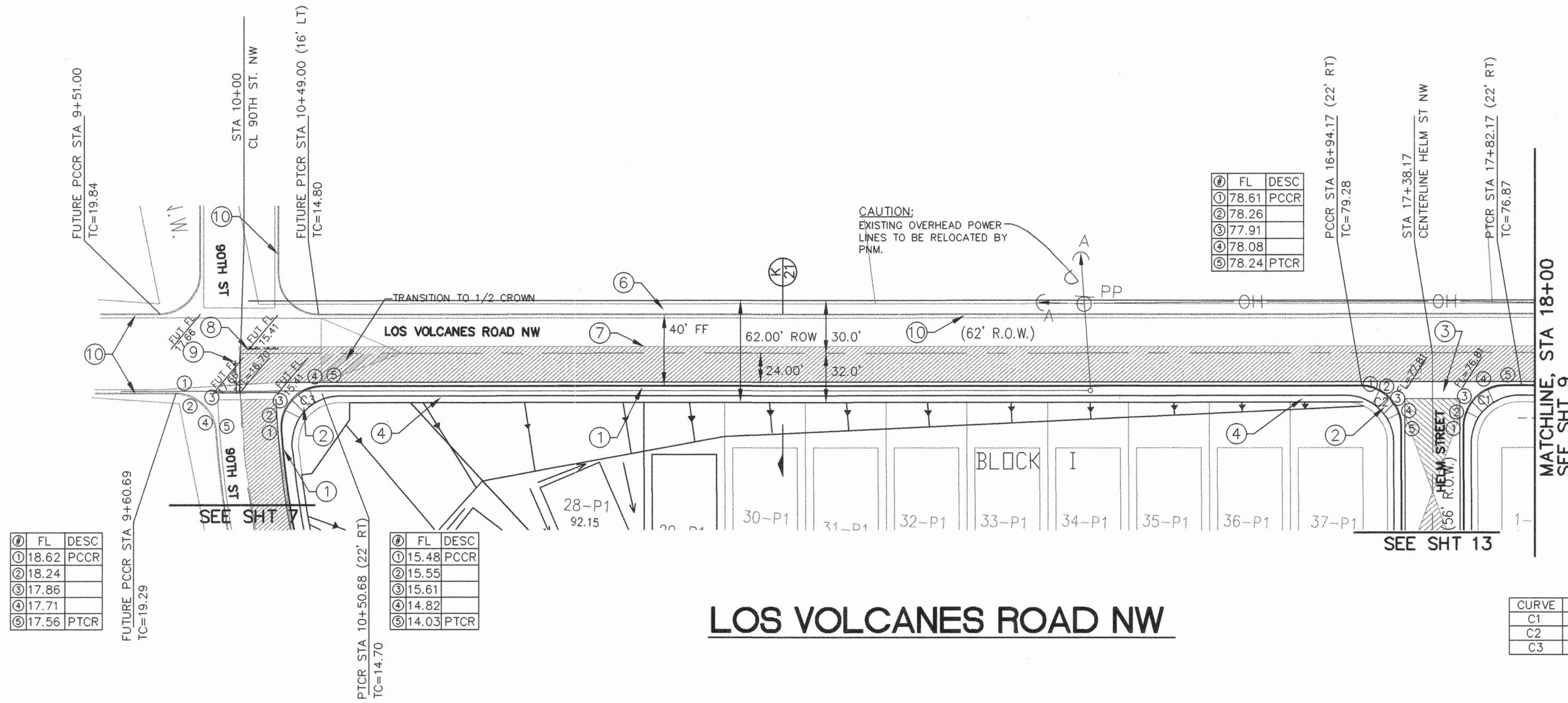


SCALE: 1"=50'

BRASHER & LORENZ CONSULTING ENGINEERS 2201 San Pedro NE Building 1 Suite 220 Albuquerque, New Mexico 87110 Ph: 505-888-6088 Fax: 505-888-6188	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: AVALON SUBDIVISION, UNIT 3B GRADING AND DRAINAGE PLAN	
Design/Review Committee AUG - 7 2001	City Engineer Approval AUG - 7 2001
City Project No. 655781	Zone Map No. K-9
Sheet 5	Of 24

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION			
Part of BLK I K.J.		FIELD NOTES							
		NO.	BY	DATE					
						ACS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST			
						CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF			
						NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON			
		BY				LOS VOLCANES RD. THE STATION IS SET FLUSH			
						IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989."			
DATE 07/16/01						ELEVATION = 5142.79 FEET			
DATE 07/16/01						RECORDED BY			
DATE 07/16/01						NO.			
						MICRO-FILM INFORMATION			



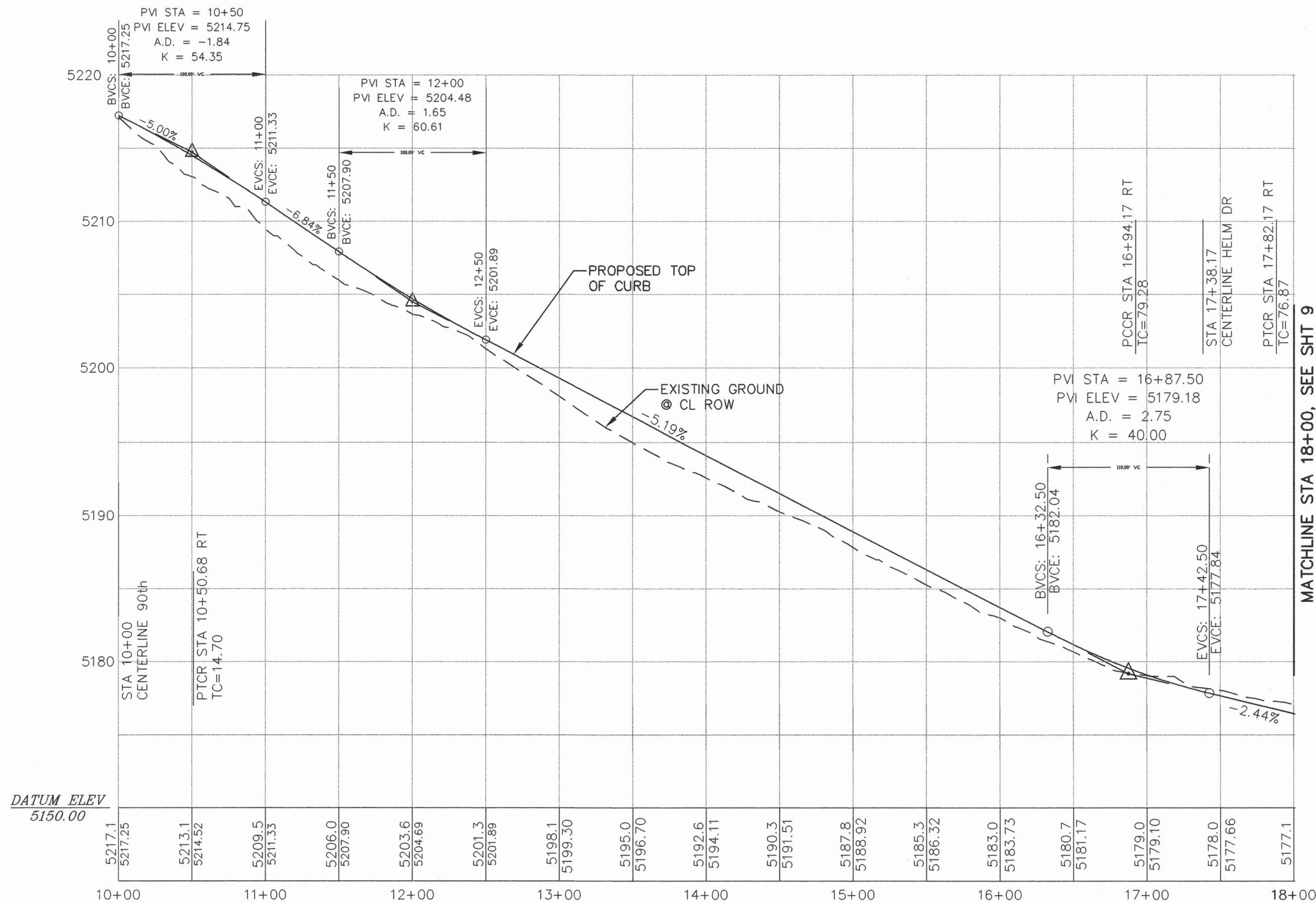


LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT	⊗	⊗
VALVE	⊕	⊕
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	⊙	⊙
MOUNTABLE CURB	—	—
STD CURB & GUTTER	—	—
DROP INLET	—	—
OVERHEAD ELEC.	OHE	OHE
UNDERGROUND ELEC.	UGT	UGT
GAS, TEL, TV	—	—
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	x 16.7	16.7
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYYED)	PP	PP
CHAIN LINK FENCE	x	x
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	—	—
STREET LIGHT	—	—
CROWN TRANSITION	—	—

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

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY UNLESS NOTED OTHERWISE.



KEYED NOTES

- CONSTRUCT STANDARD C&G PER STD DWG 2415
- CONSTRUCT HANDICAP RAMP CASE II, PER STD DWG 2441
- CONSTRUCT CONCRETE VALLEY GUTTER PER STD DWG 2420
- CONSTRUCT 4' SIDEWALK
- 50' CROWN TRANSITION
- FUTURE 4' SIDEWALK
- EDGE OF PROPOSED PAVEMENT
- INSTALL 2-TYPE III BARRICADES
- INSTALL RELOCATED TYPE III BARRICADES FROM 90TH ST SEE SHT 7.
- FUTURE CURB AND GUTTER

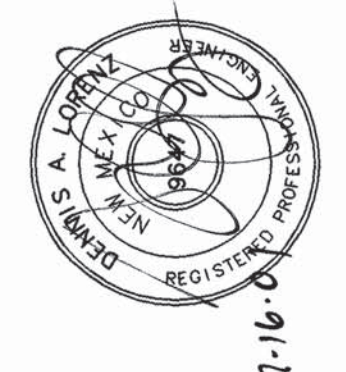
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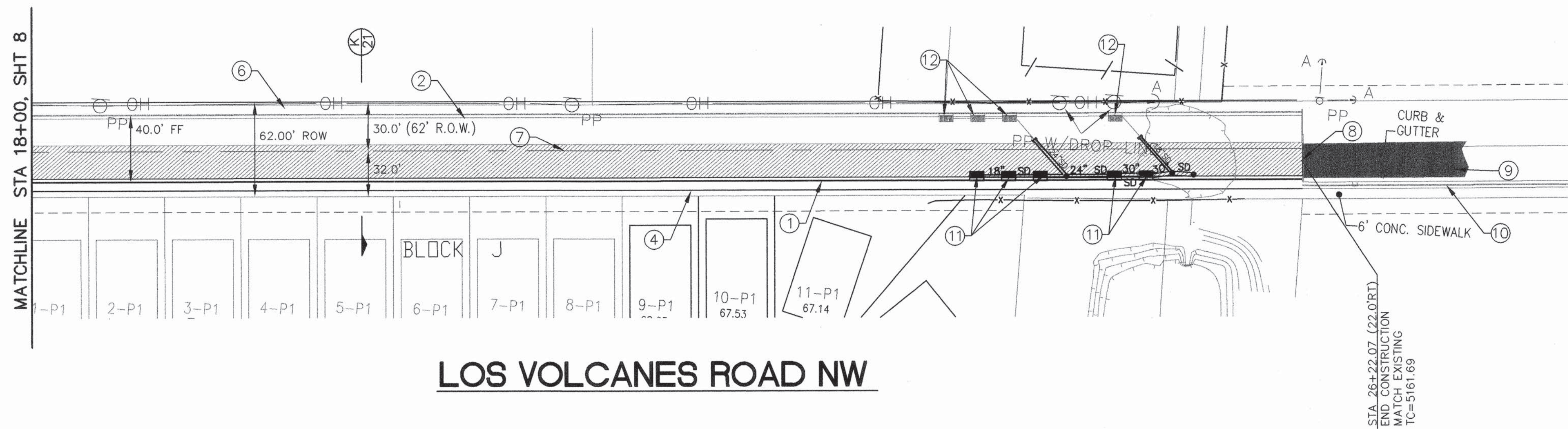
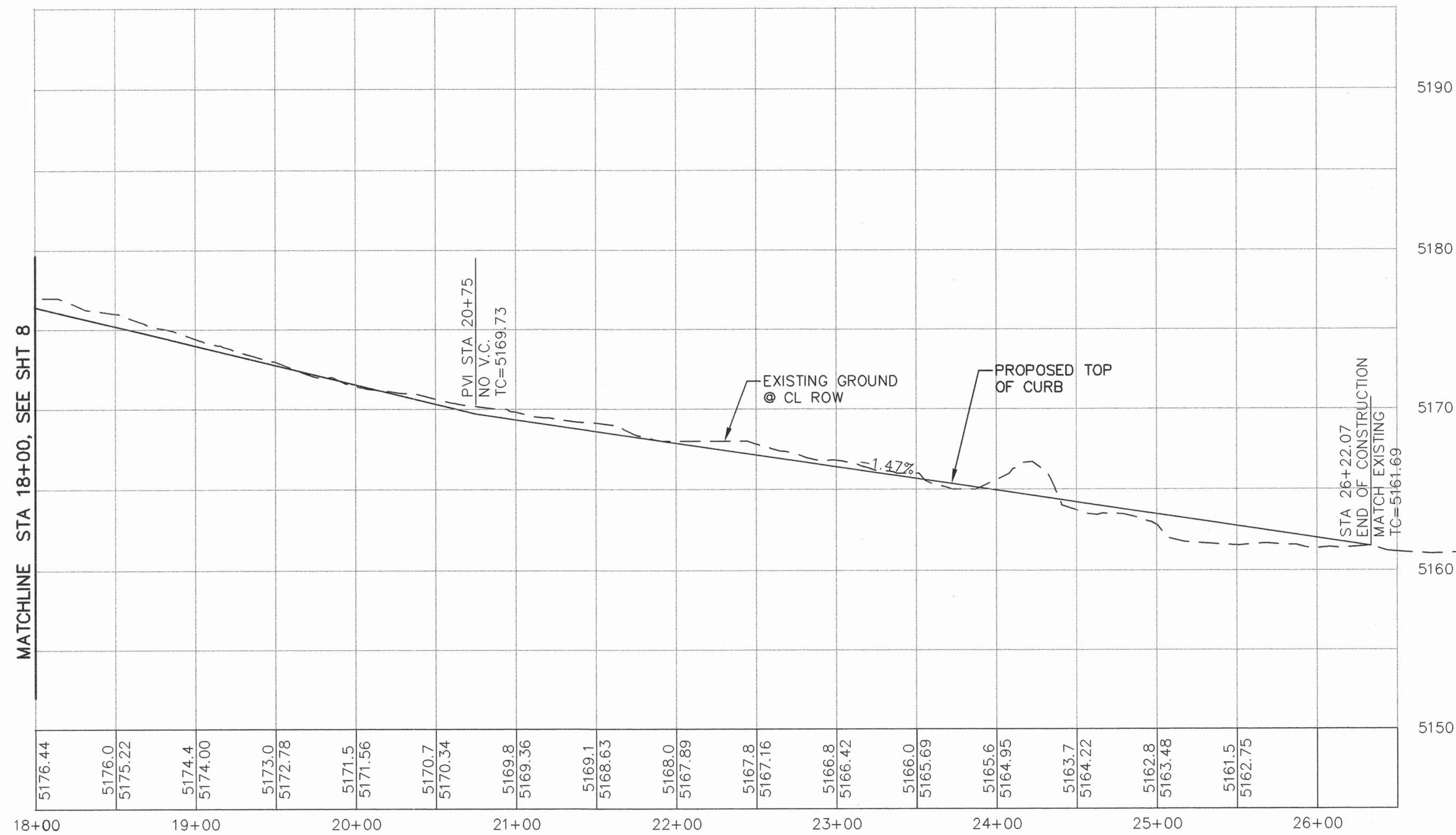
BRASHER & LORENZ
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
LOS VOLCANES ROAD
STREET PLAN & PROFILE

Design/Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
AUG - 7 2001	AUG - 7 2001		
REVIEW	REVIEW		
City Project No. 655781	Zone Map No. K-9	Sheet 8	24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACCS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST	DATE	NO.	BY	LAN	BY
INSPECTOR'S	DATE	CENTERLINE OF UNSER BLVD. AND 20.4" SOUTH OF	DATE				
FIELD	DATE	NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	DATE				
REVISION	DATE	LOS VOLCANES RD. THE STATION IS SET FLUSH	DATE				
CORRECTED BY	DATE	IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"	DATE				
MICRO-FILM INFORMATION	DATE	ELEVATION = 5142.79 FEET	DATE				





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

○ KEYED NOTES

1. CONSTRUCT STANDARD
C&G PER STD DWG 2415
2. FUTURE STANDARD
C&G PER STD DWG 2415.
3. PROPOSED CONCRETE VALLEY
GUTTER PER STD DWG 2420
4. PROPOSED 4' SIDEWALK
5. 50' CROWN TRANSITION
6. FUTURE 4' SIDEWALK
7. EDGE OF PROPOSED PAVEMENT
8. REMOVE AND DISPOSE EXISTING CUT--OFF
WALL. MATCH EXISTING.
9. EXISTING PAVEMENT
10. EXISTING CURB & GUTTER AND SIDEWALK
11. FOR STORM INLETS SEE SHT 20
12. FUTURE STORM INLETS



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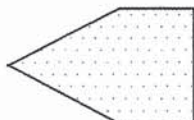
2201 Son Pedro NE Building 1 Suite 220
Albuquerque, New Mexico 87110
Ph: 505-888-6088 Fax: 505-888-6188

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: AVALON SUBDIVISION, UNIT 3B
LOS VOLCANES ROAD
STREET PLAN & PROFILE

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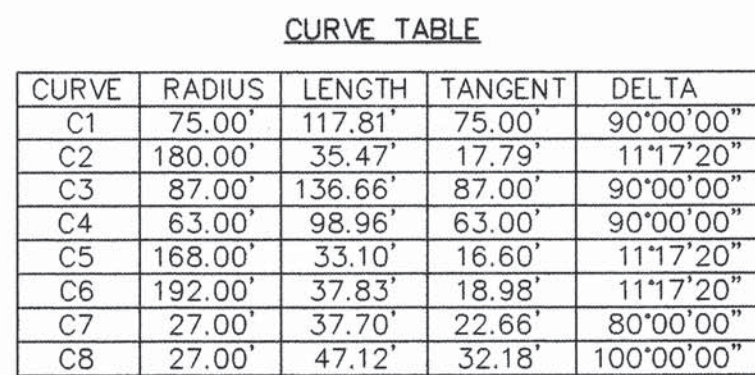
City Project No.	Zone Map No.	Sheet	Of
655781	K-9	9	24

		LEGEND			
ITEM		EXISTING		PROPOSED	
WATERLINE	— 6" W —			— 6" W —	
SANITARY SEWER	— 8" SAS —			— 8" SAS —	
STORM SEWER	— 36" SD —			— 24" SD —	
FIRE HYDRANT	⊙			⊙	
VALVE	⋈			⋈	
WATER SERVICE (SINGLE)				— S —	
WATER SERVICE (DOUBLE)				— S —	
MANHOLE	— ○ —			●	
MOUNTABLE CURB	=====			=====	
STD CURB & GUTTER	=====			=====	
DROP INLET	— I —			— I —	
OVERHEAD ELEC.	— OHE —				
UNDERGROUND ELEC.	— UGT —				
GAS, TEL, TV					
FLOWLINE ELEV.	— FL 0.14 —			— FL 0.14 —	
TOP OF CURB ELEV.	— 99.3 —			— 99.31 —	
SPOT ELEV.	x 16.7			⬢ 16.7	
SEWER SERVICE	— S —			— S —	
RIGHT OF WAY	— . . —				
POWER POLE (GUYPED)	● pp —				
CHAIN LINK FENCE	— x —				
CENTERLINE	— — —				
RETAINING WALL	=====			=====	
TOP OF ASPHALT ELEV.	— TA 16.2 —			— TA 16.2 —	
TEMP. PAVEMENT					
STREET LIGHT				☆	
CROWN TRANSITION					

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY
 UNLESS NOTED OTHERWISE.

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
FIELD NOTES				CONTRACTOR	
NO.	BY	DATE		WORK INSPECTED BY	DATE
			ACS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST	ACCEPTANCE BY	DATE
			CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	VERIFICATION BY	DATE
			NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	DRAWINGS CORRELATED BY	DATE
			LOS VOLCANES RD. THE STATION IS SET FLUSH	MICRO-FILM INFORMATION RECORDED BY _____ NO. _____	
			IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989."		
			ELEVATION = 5142.79 FEET		

C:\LAND PROJECTS R2\REVISION, AVALONU3B \DWG\9570CR11.dwg



○ KEYED NOTES

1. PROPOSED HANDICAP RAMP
CASE II , PER STD DWG 2441
2. CONSTRUCT MOUNTABLE ROLL TYPE CURB
AND GUTTER PER STD DWG 2415.
3. FUTURE 4' SIDEWALK
4. EDGE OF EXISTING PAVEMENT
5. REMOVE EXISTING 2-TYPE III BARRICADES
AND RELOCATE TO 90TH & LOS VOLCANES,
SEE SHT 7.



SURVEY INFORMATION		FIELD NOTES		BENCH MARKS	AS-BUILT INFORMATION	
NO.	BY	DATE			CONTRACTOR	
			ACS 10-K10 ACS 3 1/4" ALUM CAP 54' EAST CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON LOS VOLCANES RD. THE STATION IS SET FLUSH IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989." ELEVATION = 5142.79 FEET		WORK PERFORMED BY SUPERVISOR'S ACCEPTANCE BY	DATE
					FIELD LOCATION BY DRAWINGS	DATE
					CORRECTED BY	DATE
					MICRO-FILM INFORMATION	
					RECORDED BY	DATE
					NO.	

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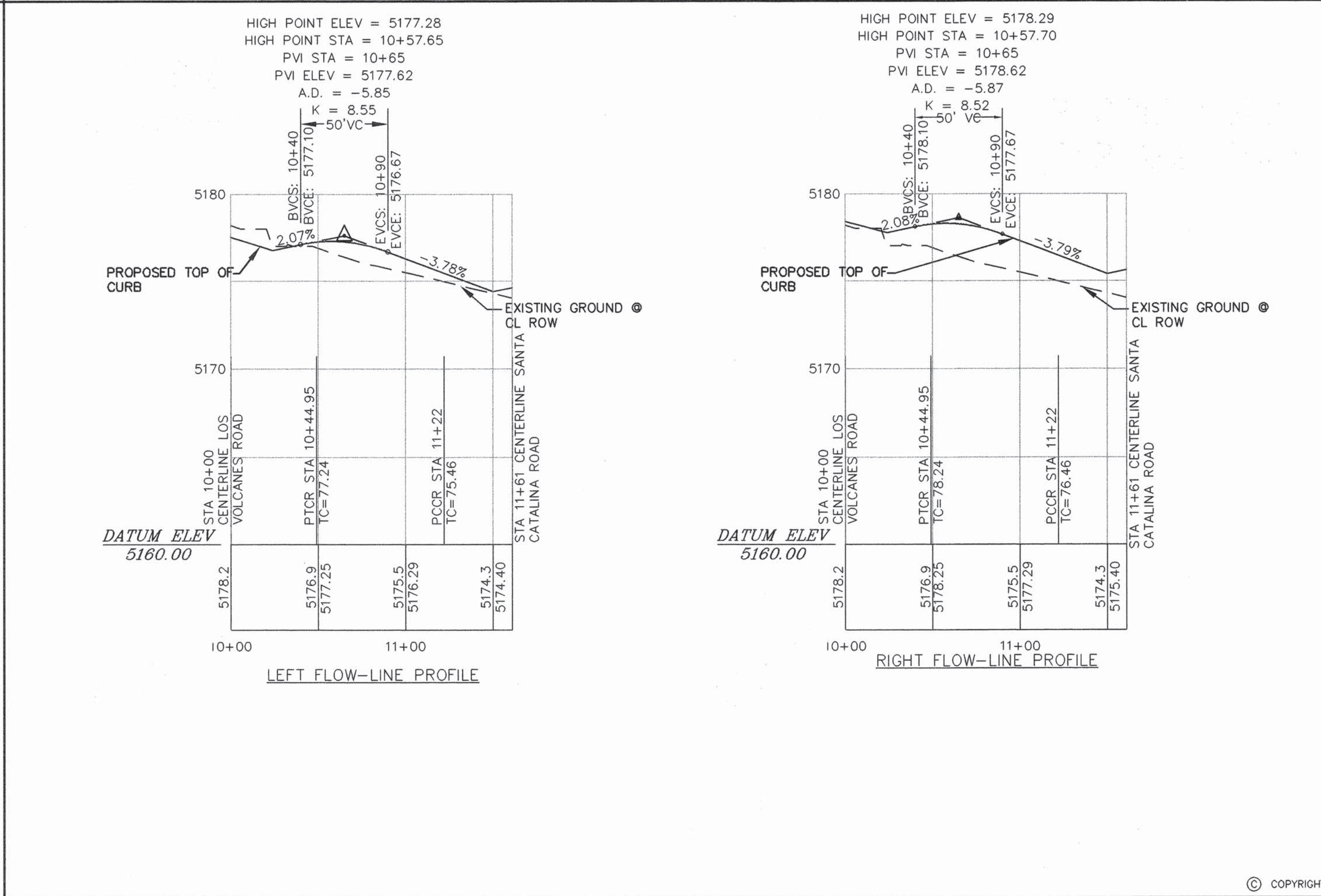
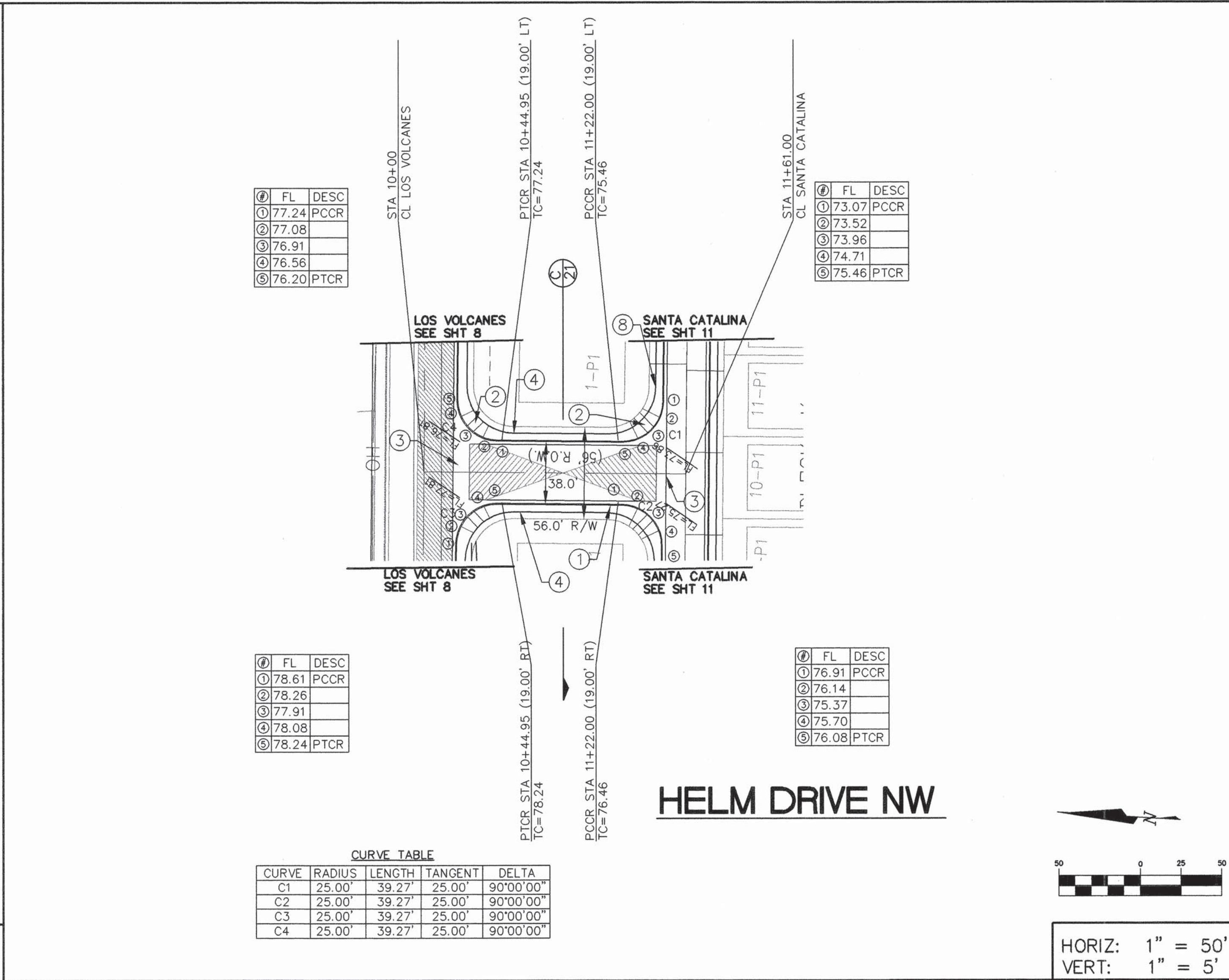
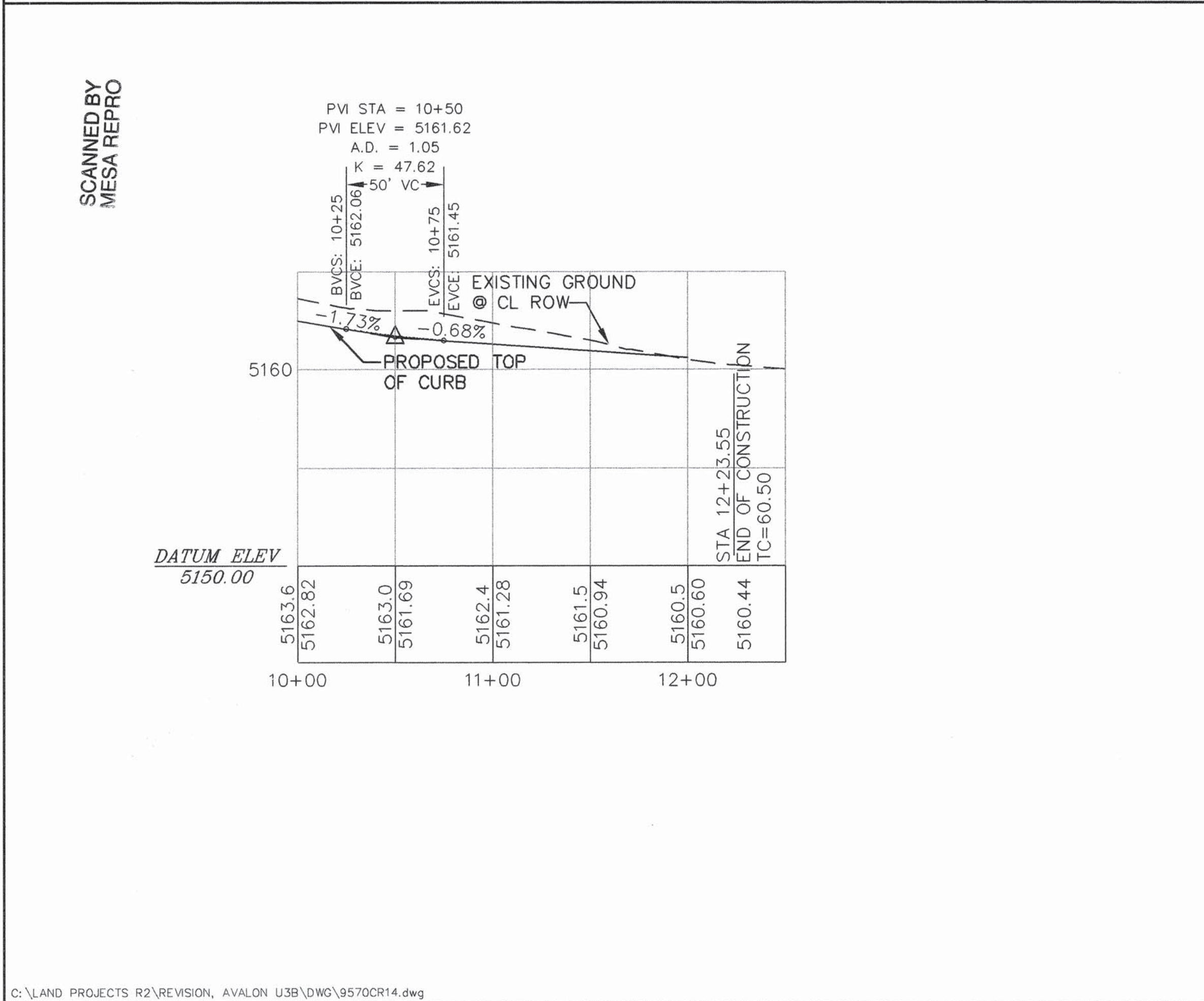
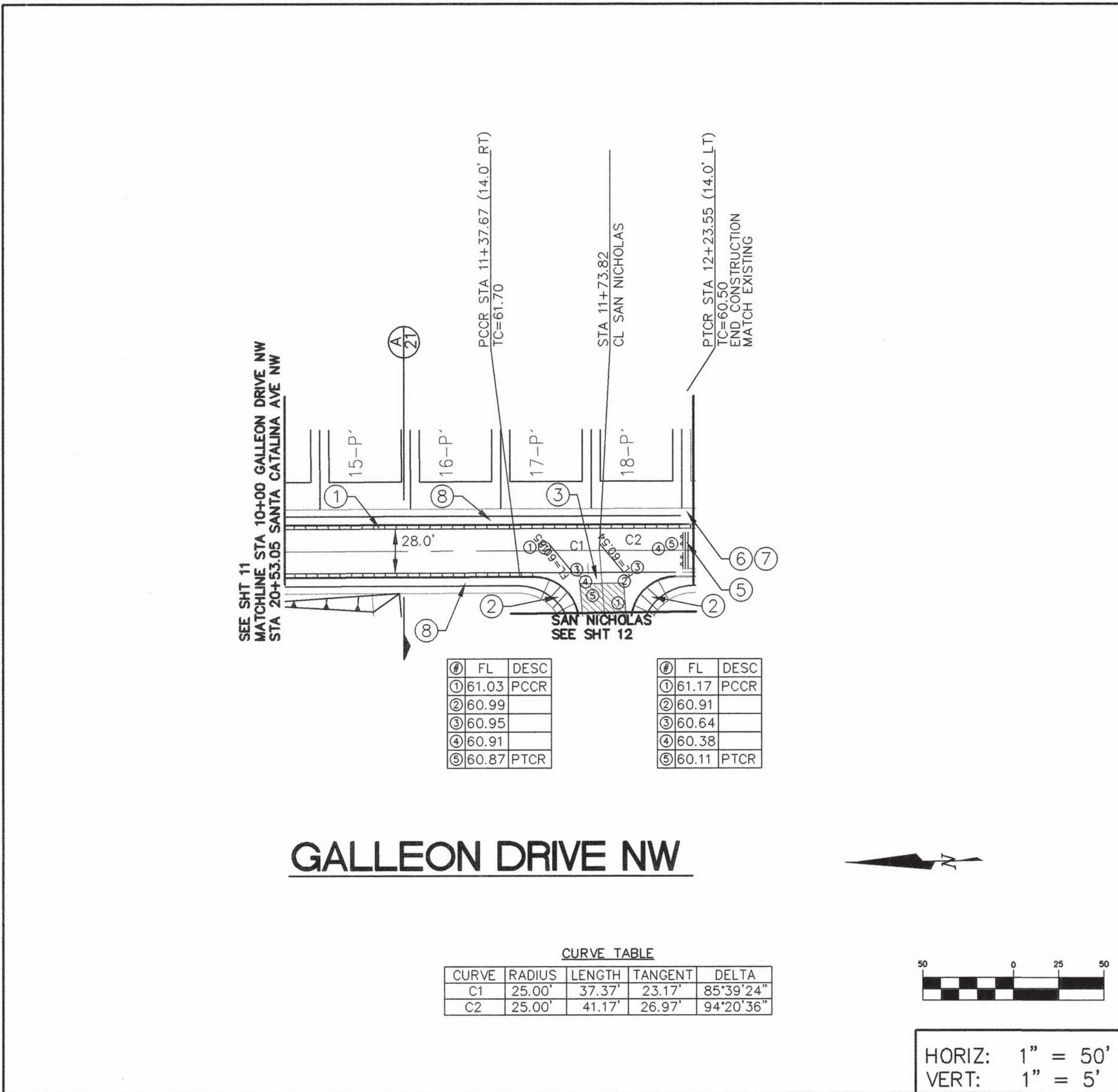
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CONSULTING ENGINEERS

2201 Son Pedro NE Building 1 Suite 220
Albuquerque, New Mexico 87110
Ph: 505-888-6088 Fax: 505-888-6188

CITY OF ALBUQUERQUE	
PUBLIC WORKS DEPARTMENT	
ENGINEERING DEVELOPMENT GROUP	
TITLE:	AVALON SUBDIVISION, UNIT 3B STERN DRIVE NW WATER & SANITARY SEWER PLAN & PROFILE

Design Review Committee		City Engineer Approval		Last Design Update	
APPROVED		APPROVED		Mo./Day/Yr.	Mo./Day/Yr.
AUG - 7 2001		AUG - 7 2001			
CITY		CITY			

City Project No.	Zone Map No.	Sheet	Of
655781	K-9	10	24



LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT	6"	6"
VALVE	6"	6"
WATER SERVICE (SINGLE)	6"	6"
WATER SERVICE (DOUBLE)	6"	6"
MANHOLE	6"	6"
MOUNTABLE CURB	6"	6"
STD CURB & GUTTER	6"	6"
DROP INLET	6"	6"
OVERHEAD ELEC	OHE	OHE
UNDERGROUND ELEC	UGT	UGT
GAS, TEL, TV	UGT	UGT
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	x 16.7	x 16.7
SEWER SERVICE	6"	6"
RIGHT OF WAY	6"	6"
POWER POLE (GUYED)	PP	PP
CHAIN LINK FENCE	6"	6"
CENTERLINE	6"	6"
RETAINING WALL	6"	6"
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	6"	6"
STREET LIGHT	6"	6"

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY
UNLESS NOTED OTHERWISE.

KEYED NOTES

- CONSTRUCT STANDARD C&G PER STD DWG 2415
- PROPOSED HANDICAP RAMP CASE II, PER STD DWG 2441
- PROPOSED CONCRETE VALLEY GUTTER PER STD DWG 2420
- PROPOSED 4' SIDEWALK
- EDGE OF EXISTING PAVEMENT
- REMOVE EXISTING 2-TYPE III BARRICADES
- REMOVE EXISTING CUT-OFF WALL
- DEFERRED 4' SIDEWALK

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:
AVALON SUBDIVISION, UNIT 3B
GALLEON DRIVE NW AND HELM DRIVE NW
STREET PLAN & PROFILE

DESIGN REVIEW COMMITTEE
AUG - 7 2001

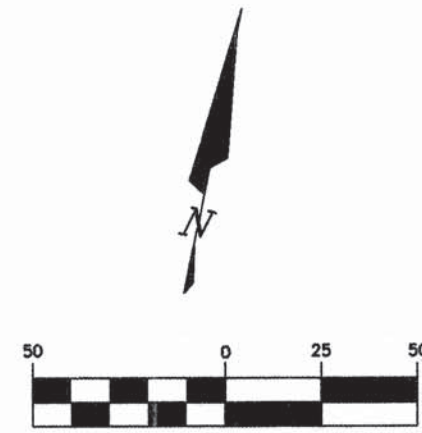
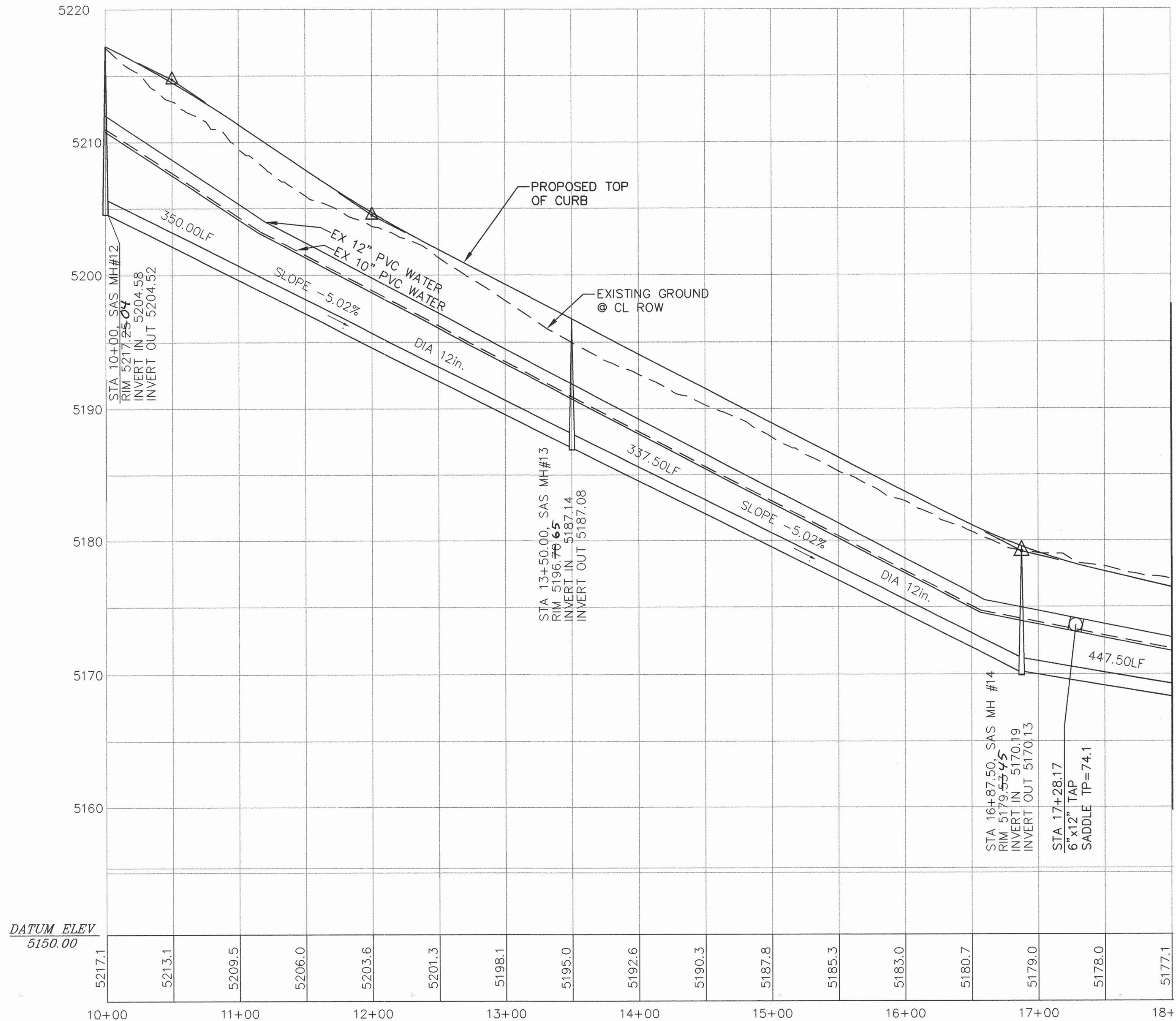
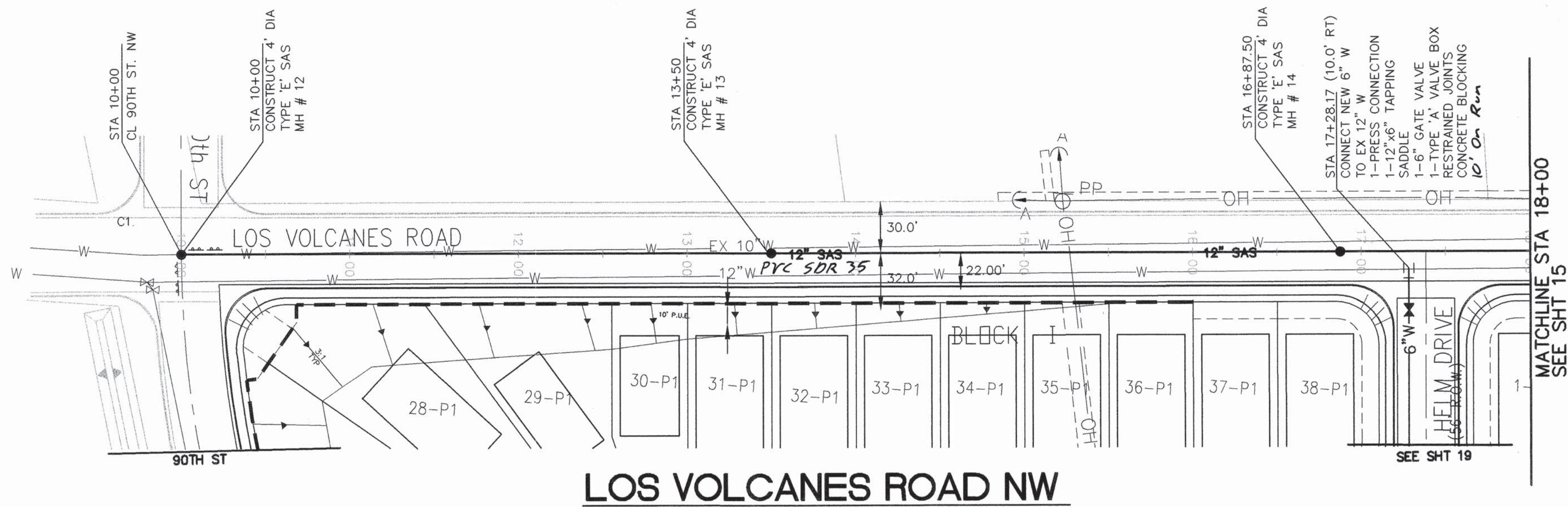
CITY ENGINEER APPROVAL
AUG - 7 2001

REVISIONS

NO.	DATE	REMARKS
1	07/16/01	DESIGN

DESIGNED BY: D.A.L. DATE: 07/16/01
DRAWN BY: L.A.N. DATE: 07/16/01
CHECKED BY: D.A.L. DATE: 07/16/01

City Project No. **655781** Zone Map No. **K-9** Sheet **13** Of **24**



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

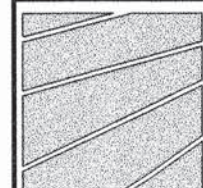
LEGEND		
ITEM	EXISTING	PROPOSED
WATERLINE	— 6" W —	— 6" W —
SANITARY SEWER	— 8" SAS —	— 8" SAS —
STORM SEWER	— 36" SD —	— 24" SD —
FIRE HYDRANT	⊙	⊙
VALVE	⋈	⋈
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	— ○ —	— ● —
MOUNTABLE CURB	—	—
STD CURB & GUTTER	—	—
DROP INLET	—	—
OVERHEAD ELEC	— OHE —	—
UNDERGROUND ELEC	— UGT —	—
GAS, TEL, TV	—	—
FLOWLINE ELEV.	— FL 0.14 —	— FL 0.14 —
TOP OF CURB ELEV.	— 99.3 —	— 99.31 —
SPOT ELEV.	— x 16.7 —	— x 16.7 —
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYED)	— PP —	—
CHAIN LINK FENCE	—	—
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	— TA 16.2 —	— TA 16.2 —
TEMP. PAVEMENT	—	—
STREET LIGHT	—	—

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY
UNLESS NOTED OTHERWISE.

RESTRAINED JOINT LENGTH

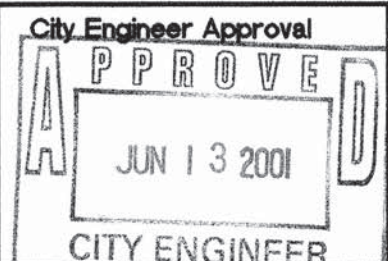
- TEE BRANCH—EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.
- DISTANCE SHOWN IS IN EACH DIRECTION FOR VALVES AND BENDS
- ALL DEAD END CAPS SHALL BE BLOCKED.

SIZE	90	45	22-1/2	11 1/4	TEE	VALVE
4"	21'	9'	5'	3'	21'	52'
6"	26'	11'	6'	3'	37'	74'
8"	31'	13'	7'	4'	54'	97'
10"	34'	15'	7'	4'	69'	107'
12"	54'	23'	11'	6'	85'	120'



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
LOS VOLCANES ROAD NW
WATER & SANITARY SEWER PLAN & PROFILE



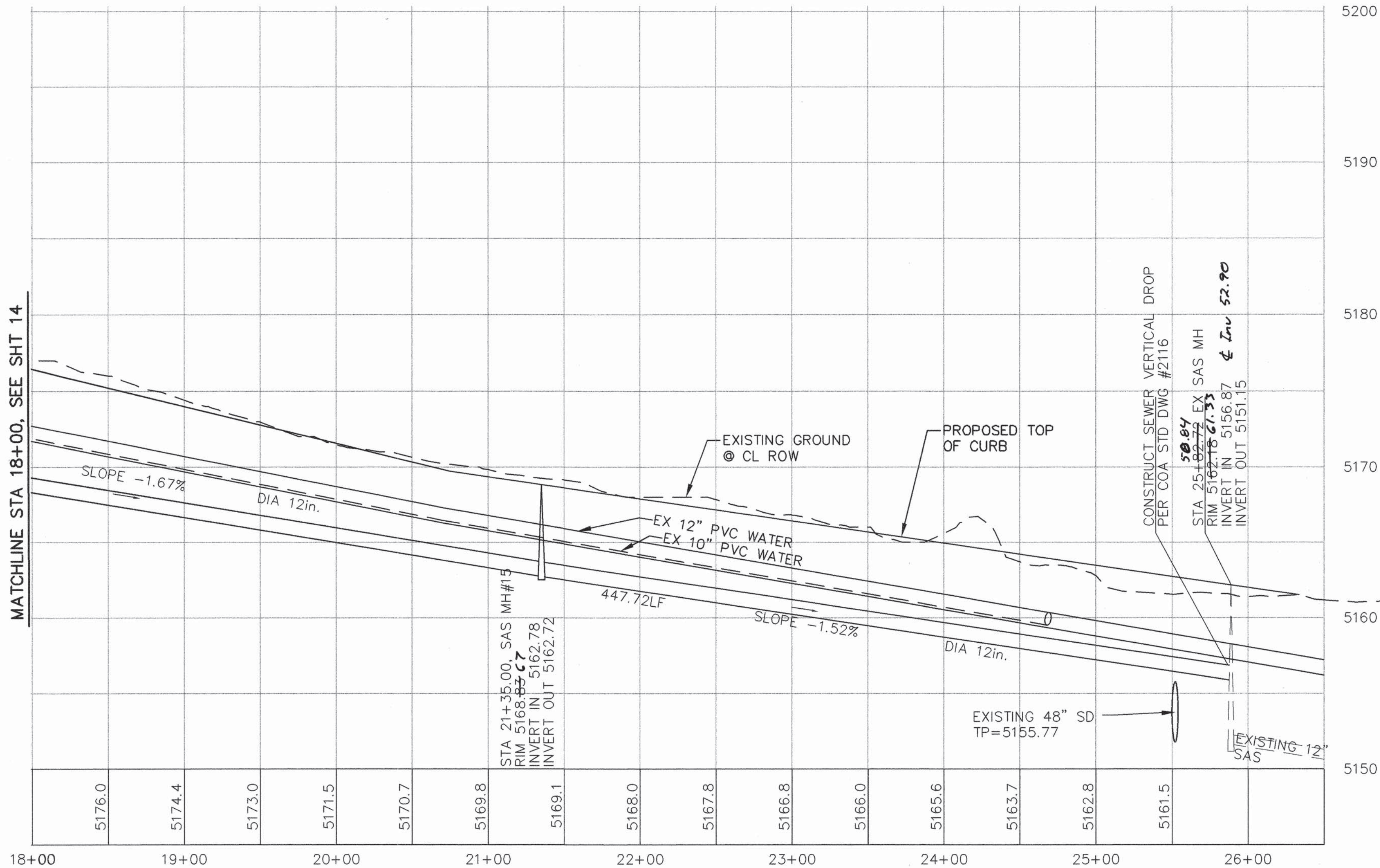
City Project No. **655781** Zone Map No. **K-9** Sheet **14** of **24**

CONTRACTOR		AS BUILT INFORMATION	
Sundance Med.			
WORK			
STARTED BY		C.O.A.	
ACCEPTANCE BY		DATE	
FIELD		DATE	
DRAWINGS		DATE	
CORRECTED BY		DATE	
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

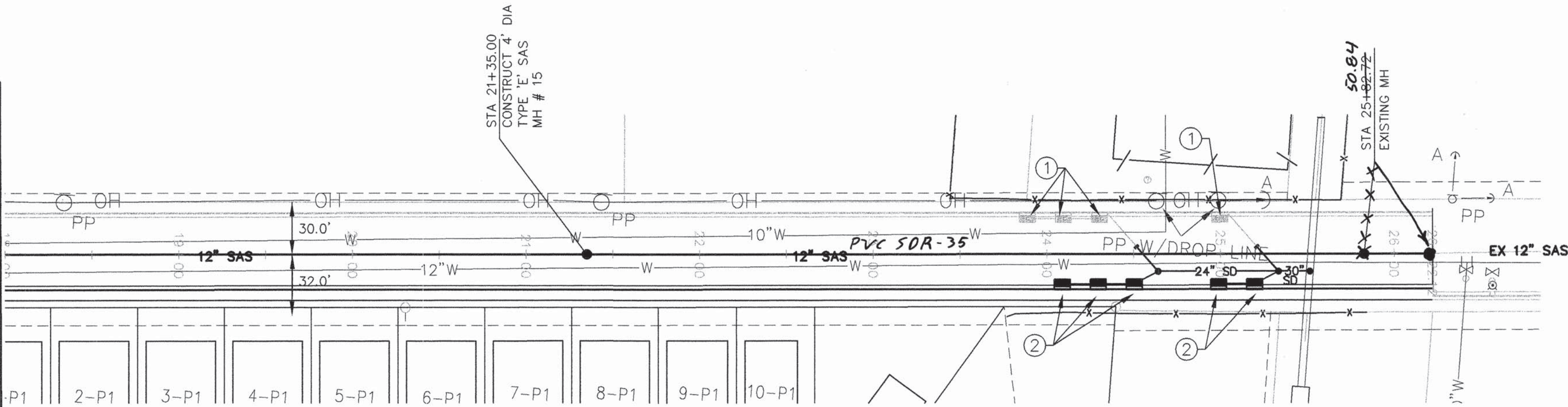
BENCH MARKS		SURVEY INFORMATION	
		FIELD NOTES	
ACS 10-K10 ACS 3 1/4" ALUM CAP 54' EAST		DATE	
CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF		BY	
NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON			
LOS VOLCANES RD. THE STATION IS SET FLUSH			
IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989."			
ELEVATION = 5142.79 FEET			

SCANNED BY
MESA REPRO

MATCHLINE STA 18+00, SEE SHT 14



MATCHLINE STA 18+00, SEE SHT 14



LOS VOLCANES ROAD NW

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

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY
UNLESS NOTED OTHERWISE.

KEYED NOTES

- FUTURE STORM INLETS
- STORM SEWER WITH INLETS, SEE SHT 20

RESTRAINED JOINT LENGTH

- TEE BRANCH—EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.
- DISTANCE SHOWN IS IN EACH DIRECTION FOR VALVES AND BENDS
- ALL DEAD END CAPS SHALL BE BLOCKED.

SIZE	90	45	22-1/2	11 1/4	TEE	VALVE
4"	21'	9'	5'	3'	21'	52'
6"	26'	11'	6'	3'	26'	74'
8"	31'	13'	7'	4'	31'	97'
10"	34'	15'	7'	4'	34'	107'
12"	54'	23'	11'	6'	54'	120'

26 6557.81 1504

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
LOS VOLCANES ROAD NW
WATER & SANITARY SEWER PLAN & PROFILE

DESIGN REVIEW COMMITTEE
APPROVE JUN - 1 2001
CITY ENGINEER
APPROVE JUN 13 2001

City Project No. 655781

Zone Map No. K-9

Sheet 15

or 15

24

AS BUILT INFORMATION	
CONTRACTOR	San Jose Mech
WORK BY	C.O.A.
INSPECTED BY	R. Arce
DATE	7/01
VERIFIED BY	R. Arce
DATE	3/02
CORRECTED BY	C.O.A.
DATE	3/02
MICRO-FILM INFORMATION	
RECORDED BY	
DATE	

BENCH MARKS	
NO.	DATE
1	ACS 10-K10 ACS 3 1/4" ALUM CAP 54' EAST
2	CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF
3	NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON
4	LOS VOLCANES RD. THE STATION IS SET FLUSH
5	IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"
6	ELEVATION = 5142.79 FEET

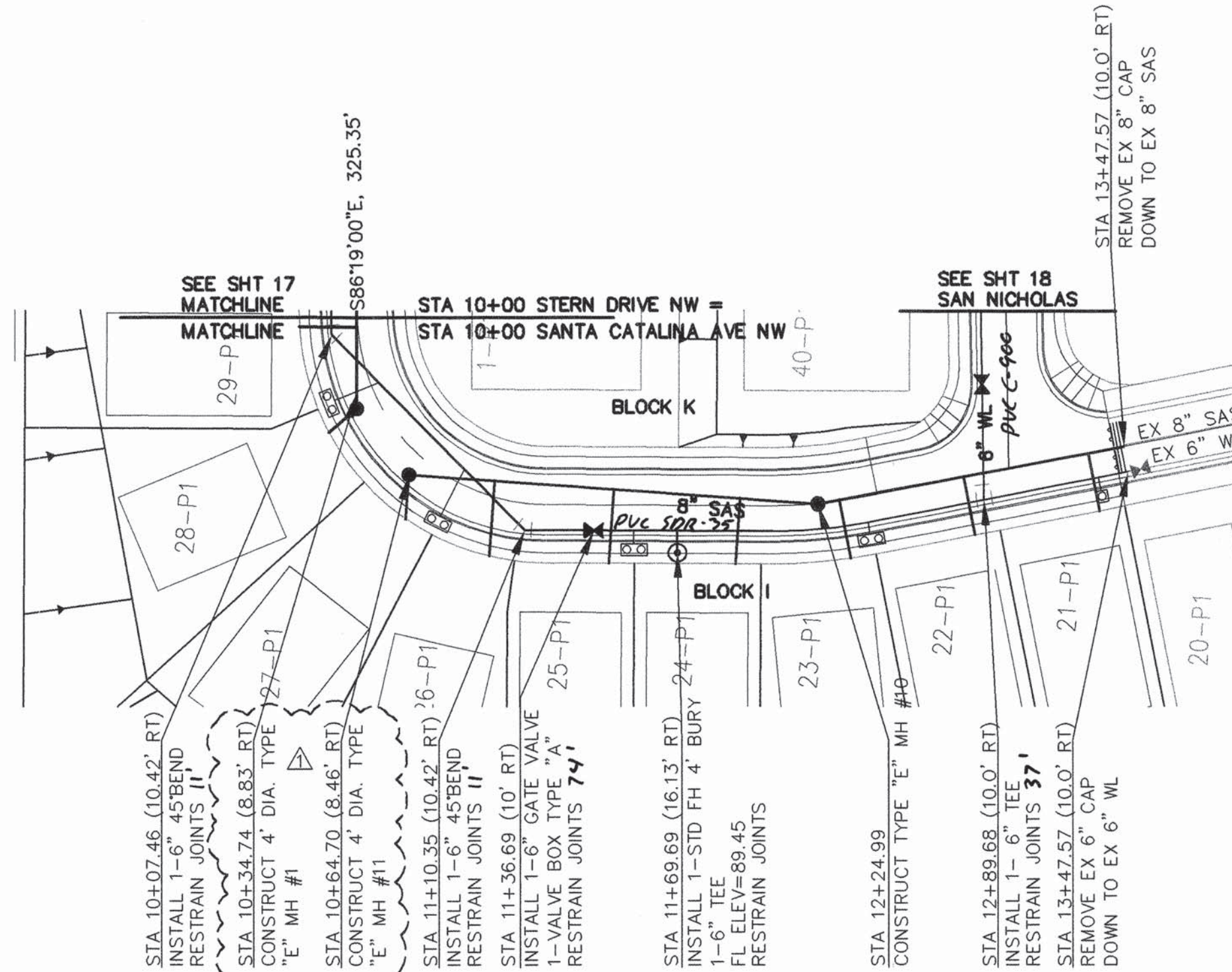
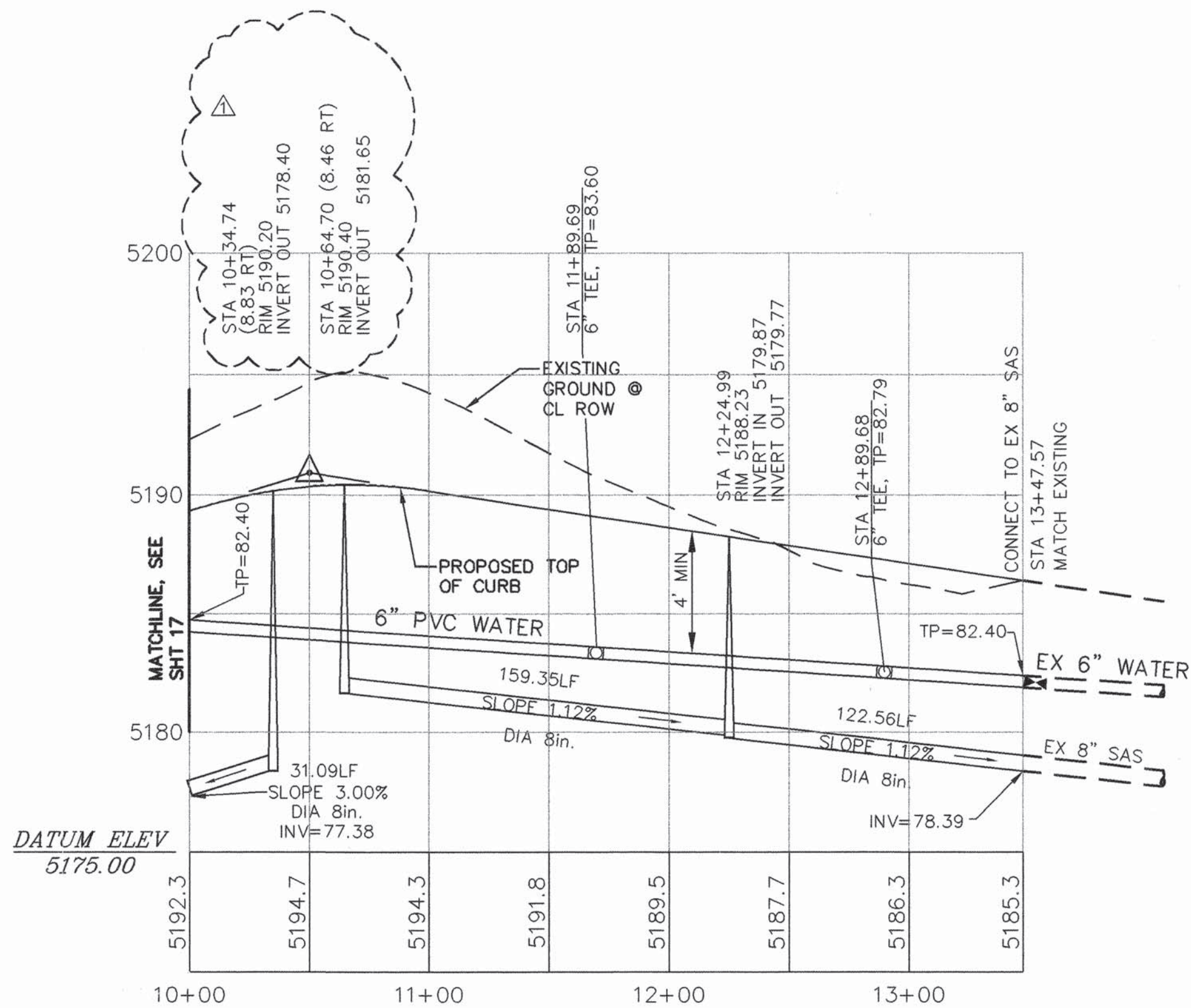
SURVEY INFORMATION	
FIELD NOTES	BY
NO.	DATE

ENGINEER'S SEAL	
BY	REMARKS
NO.	DATE
DESIGNED BY	D.A.L.
DRAWN BY	L.A.N.
CHECKED BY	D.A.L.
DATE	02/2001
DATE	02/2001
DATE	02/2001

26 6557.81 1504	
26 6557.81 1504	

26 6557.81 1504	
26 6557.81 1504	

26 6557.81 1504	
26 6557.81 1504	



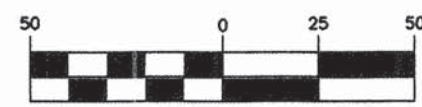
STERN DRIVE NW

RESTRAINED JOINT LENGTHS

- TEE BRANCH-EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.
- DISTANCE SHOWN IS IN EACH DIRECTION FOR VALVES AND BENDS
- ALL DEAD END CAPS SHALL BE BLOCKED.

SIZE	90	45	22-1/2	11 1/4	TEE	VALVE
4"	21'	9'	5'	3'	21'	52'
6"	26'	11'	6'	3'	37'	74'
8"	31'	13'	7'	4'	54'	97'
10"	34'	15'	7'	4'	69'	107'
12"	54'	23'	11'	6'	85'	120'

SANITARY SEWER SERVICE DATA				
BLK	LOT	STATION	OFFSET	INVERT
I	21-P1	13+33.57	23.00 (RT)	5180.74
I	22-P1	13+83.57	23.00 (RT)	5181.24
I	23-P1	12+34.46	23.00 (RT)	5181.73
I	24-P1	11+92.54	23.00 (RT)	5182.17
I	25-P1	11+42.54	23.00 (RT)	5182.73
I	26-P1	11+00.47	23.00 (RT)	5183.10
I	27-P1	10+72.71	23.00 (RT)	5183.31
I	28-P1	10+37.47	23.00 (RT)	5180.56
I	29-P1	10+04.38	23.17 (RT)	5179.20
K	40-P1	12+48.57	23.00 (LT)	5181.19



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

LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT	⊙	⊙
VALVE	⊕	⊕
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	—	—
MOUNTABLE CURB	—	—
STD CURB & GUTTER	—	—
DROP INLET	—	—
OVERHEAD ELEC.	OHE	OHE
UNDERGROUND ELEC.	UGT	UGT
GAS, TEL, TV	—	—
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	x 16.7	16.7
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYED)	PP	PP
CHAIN LINK FENCE	x	x
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	—	—
STREET LIGHT	—	—

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY UNLESS NOTED OTHERWISE.

AS BUILT INFORMATION

CONTRACTOR	WORK	DATE
ACCS	10-K10 ACS 3 1/4" ALUM CAP 54' EAST	
INSPECTOR	CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	
ACCEPTANCE BY	NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	
VERIFICATION BY	LOS VOLCANES RD. THE STATION IS SET FLUSH	
DATE	IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989."	
RECORDED BY	ELEVATION = 5142.79 FEET	
NO.		

SURVEY INFORMATION

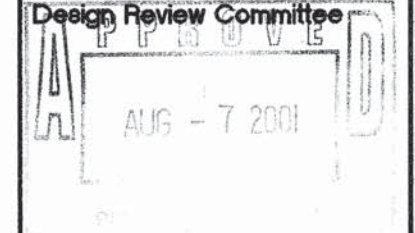
FIELD NOTES	DATE
NO.	

ENGINEER'S SEAL

LAN	REVISIONS	REMARKS	BY
NO.	DATE		
DESIGNED BY	D.A.L.	DATE	07/16/01
DRAWN BY	L.A.N.	DATE	07/16/01
CHECKED BY	D.A.L.	DATE	07/16/01

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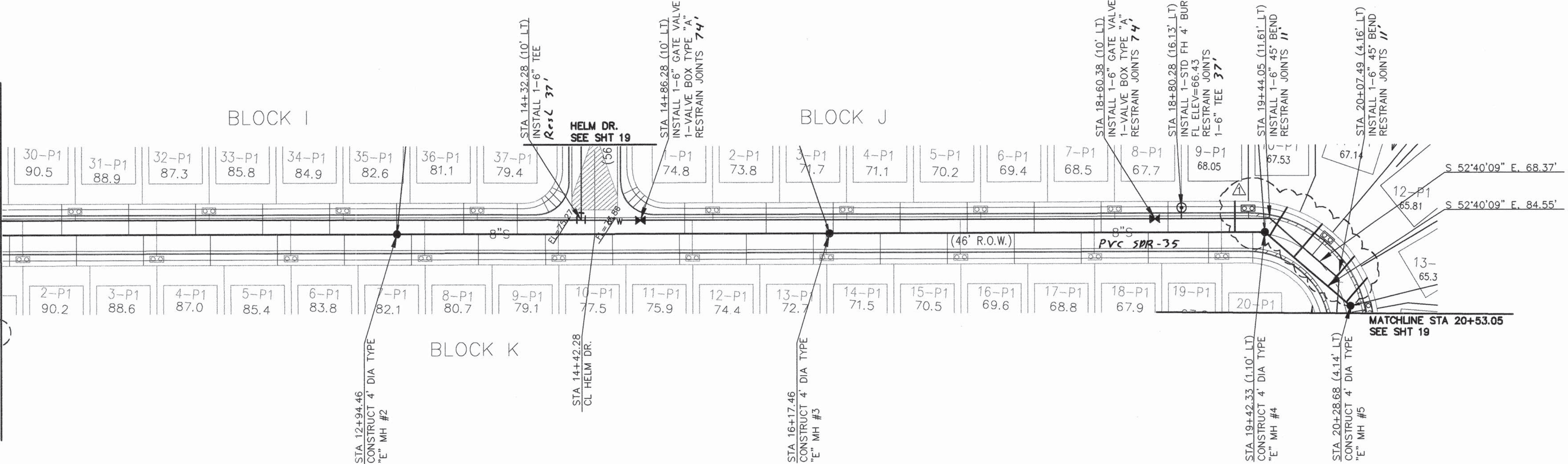
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
STERN DRIVE NW
WATER & SANITARY SEWER PLAN & PROFILE



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

City Project No.	Zone Map No.	Sheet	Of
655781	K-9	16	24

SANITARY SEWER SERVICE DATA				
BLK	LOT	STATION	OFFSET	INVERT
I	31-P1	10+44.28	23.00 (LT)	5177.70
I	32-P1	10+94.28	23.00 (LT)	5176.20
I	33-P1	11+44.28	23.00 (LT)	5174.70
I	34-P1	11+94.28	23.00 (LT)	5173.20
I	35-P1	12+44.28	23.00 (LT)	5171.70
I	36-P1	12+94.28	23.00 (LT)	5170.20
I	37-P1	13+44.28	23.00 (LT)	5168.61
I	38-P1	13+84.46	22.68 (LT)	5167.40
J	1-P1	15+09.46	22.68 (LT)	5163.65
J	2-P1	15+70.28	23.00 (LT)	5161.83
J	3-P1	16+20.28	23.00 (LT)	5160.29
J	4-P1	16+70.28	23.00 (LT)	5159.99
J	5-P1	17+20.28	23.00 (LT)	5159.69
J	6-P1	17+70.28	23.00 (LT)	5159.39
J	7-P1	18+20.28	23.00 (LT)	5158.09
J	8-P1	18+70.28	23.00 (LT)	5158.79
J	9-P1	19+20.28	23.00 (LT)	5158.52
J	10-P1	19+52.59	23.00 (LT)	5158.39
J	11-P1	19+74.85	23.00 (LT)	5158.16
J	12-P1	20+00.87	23.00 (LT)	5157.96
J	13-P1	20+15.40	23.00 (LT)	5157.80
J	14-P1	20+37.08	21.93 (LT)	5158.60
K	1-P1	10+05.38	23.00 (RT)	5178.87
K	2-P1	10+55.38	23.00 (RT)	5177.37
K	3-P1	11+05.38	23.00 (RT)	5175.87
K	4-P1	11+55.38	23.00 (RT)	5174.37
K	5-P1	12+05.38	23.00 (RT)	5172.87
K	6-P1	12+55.38	23.00 (RT)	5171.37
K	7-P1	13+05.38	23.00 (RT)	5169.77
K	8-P1	13+55.38	23.00 (RT)	5168.27
K	9-P1	14+05.38	23.00 (RT)	5166.77
K	10-P1	14+55.38	23.00 (RT)	5165.27
K	11-P1	15+05.38	23.00 (RT)	5163.77
K	12-P1	15+55.38	23.00 (RT)	5162.27
K	13-P1	16+05.38	23.00 (RT)	5160.77
K	14-P1	16+55.38	23.00 (RT)	5160.08
K	15-P1	17+05.38	23.00 (RT)	5159.78
K	16-P1	17+55.38	23.00 (RT)	5159.48
K	17-P1	18+05.38	23.00 (RT)	5159.18
K	18-P1	18+55.38	23.00 (RT)	5158.88
K	19-P1	19+05.38	23.00 (RT)	5158.58
K	20-P1	19+55.38	23.15 (RT)	5158.18



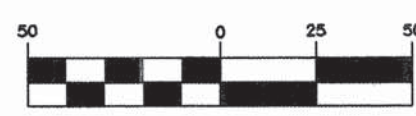
RESTRAINED JOINT LENGTHS

- TEE BRANCH-EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.
- DISTANCE SHOWN IS IN EACH DIRECTION FOR VALVES AND BENDS
- ALL DEAD END CAPS SHALL BE BLOCKED.

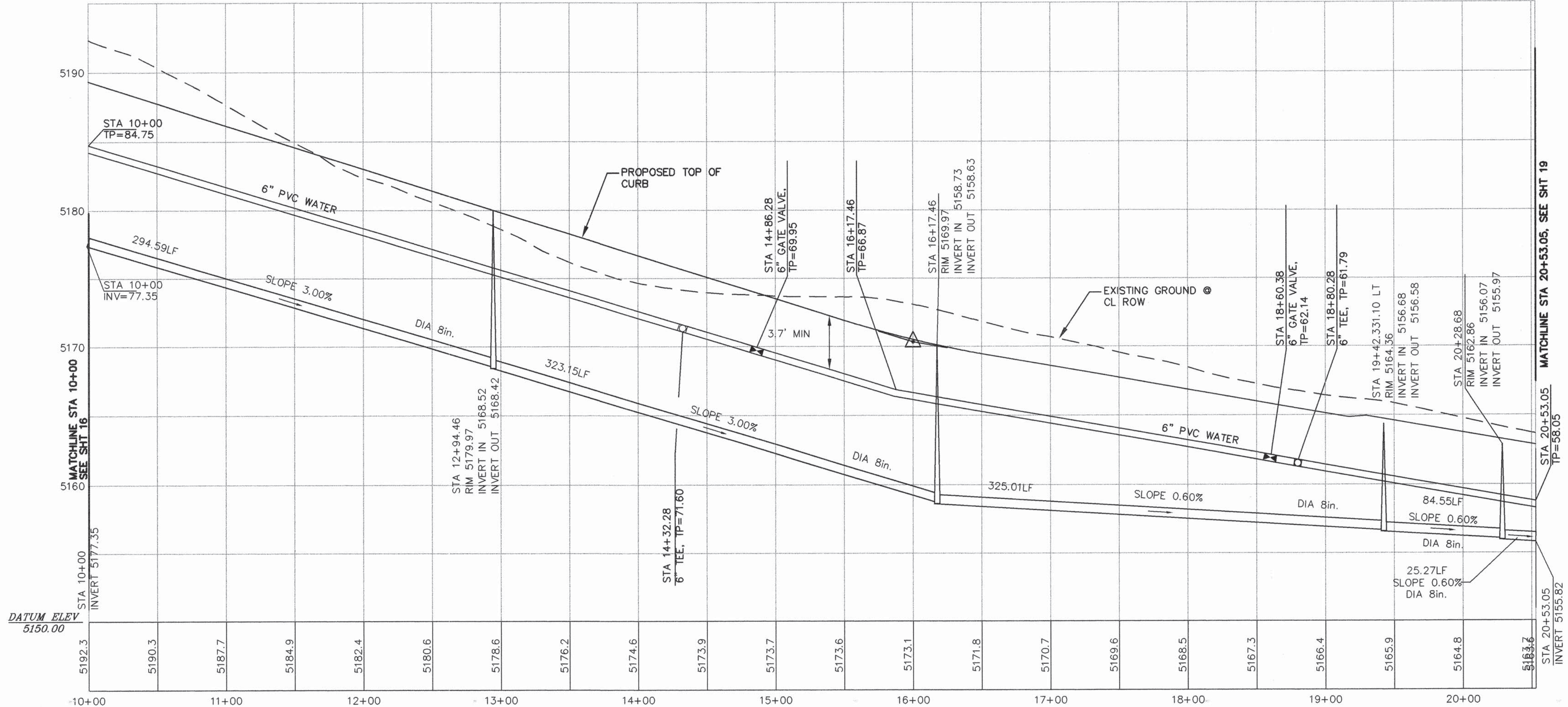
SIZE	90	45	22-1/2	11 1/4	TEE	VALVE
4"	21'	9'	5'	3'	21'	52'
6"	26'	11'	6'	3'	37'	74'
8"	31'	13'	7'	4'	54'	97'
10"	34'	15'	7'	4'	69'	107'
12"	54'	23'	11'	6'	85'	120'

SANTA CATALINA AVE NW

LEGEND		
ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT	⊙	⊙
VALVE	⊕	⊕
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	—	—
MOUNTABLE CURB	—	—
STD CURB & GUTTER	—	—
DROP INLET	—	—
OVERHEAD ELEC.	—	—
UNDERGROUND ELEC.	—	—
GAS, TEL, TV	—	—
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	x 16.7	16.7
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYYED)	PP	PP
CHAIN LINK FENCE	—	—
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	—	—
STREET LIGHT	—	☆



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



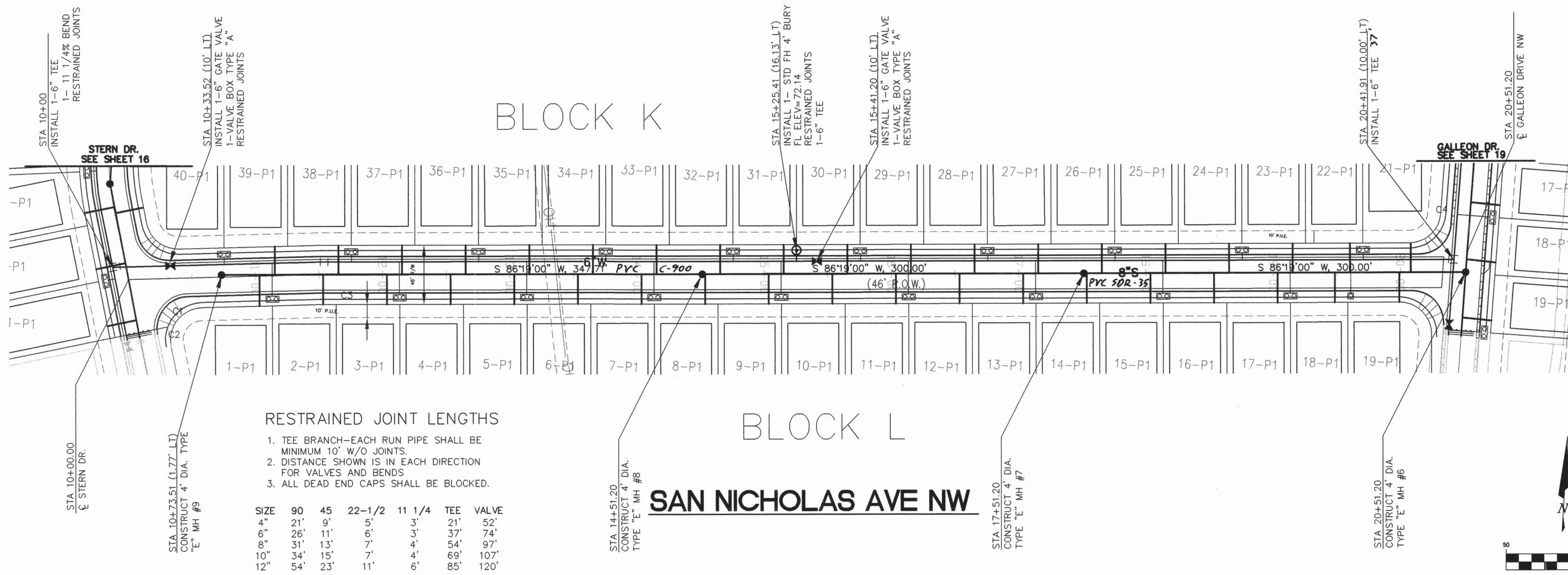
26 6557.81 1704

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CONSULTING ENGINEERS
2201 San Pedro NE Building 1 Suite 220
Albuquerque, New Mexico 87110
Ph: 505-688-6088 Fax: 505-688-6188

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
SANTA CATALINA AVENUE
WATER & SANITARY SEWER PLAN & PROFILE

Design Review Committee	City Engineer Approval
AUG - 7 2001	AUG - 7 2001

City Project No. **655781** Zone Map No. **K-9** Sheet **17** of **24**



RESTRAINED JOINT LENGTHS

- 1. TEE BRANCH—EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.
- 2. DISTANCE SHOWN IS IN EACH DIRECTION FOR VALVES AND BENDS.
- 3. ALL DEAD END CAPS SHALL BE BLOCKED.

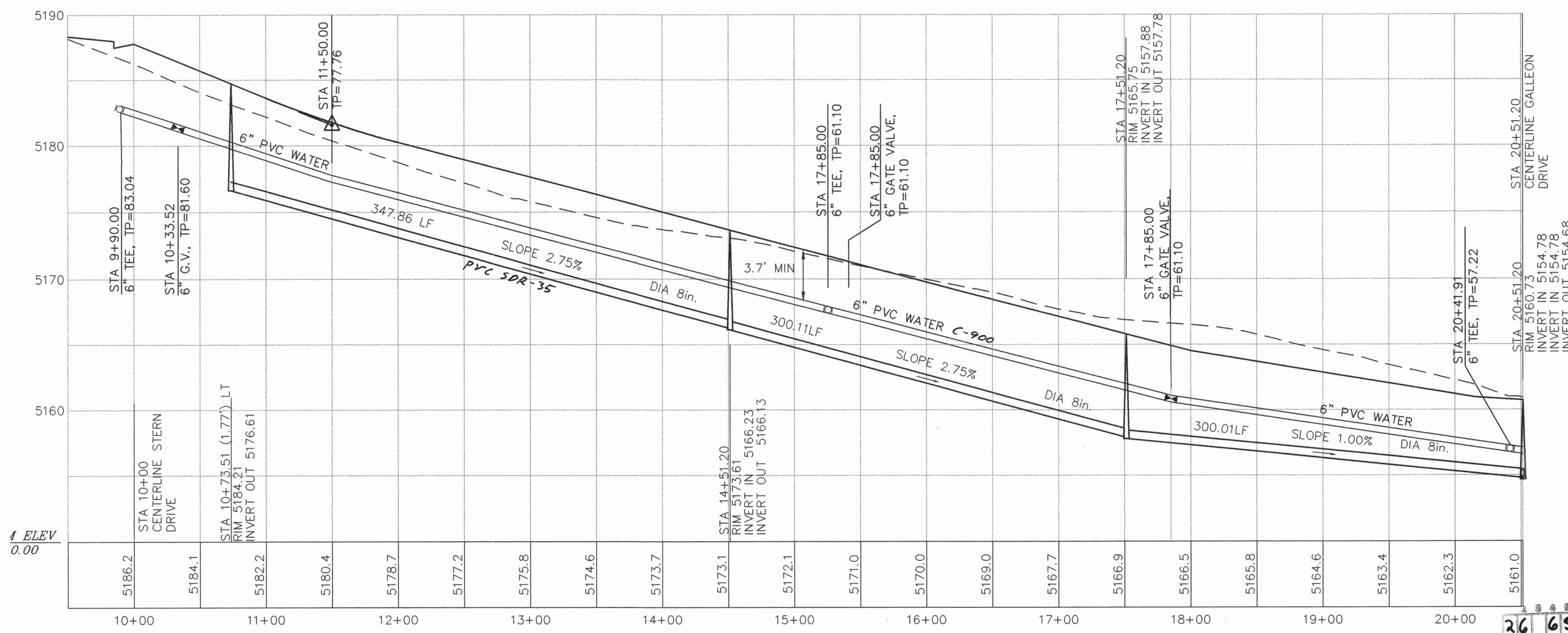
SIZE	90	45	22-1/2	11 1/4	TEE	VALVE
4"	21'	9'	5'	3'	21'	52'
6"	25'	11'	6'	4'	37'	74'
8"	31'	13'	7'	4'	54'	97'
10"	34'	15'	7'	6'	69'	107'
12"	54'	23'	11'	6'	85'	120'

SAN NICHOLAS AVE NW

LEGEND		
ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT	⊙	⊙
VALVE	⊕	⊕
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	⊙	⊙
MOUNTABLE CURB	—	—
STD CURB & GUTTER	—	—
DROP INLET	—	—
OVERHEAD ELEC	—	—
UNDERGROUND ELEC.	—	—
GAS, TEL, TV	—	—
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	x 16.7	x 16.7
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYYED)	PP	PP
CHAIN LINK FENCE	—	—
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	—	—
STREET LIGHT	☆	☆

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY UNLESS NOTED OTHERWISE.

SANITARY SEWER SERVICE DATA				
BLK	LOT	STATION	OFFSET	INVERT
L	1-P1	11+03.48	22.78 (RT)	5177.47
L	2-P1	11+53.49	23.00 (RT)	5176.09
L	3-P1	12+03.05	23.00 (RT)	5174.73
L	4-P1	12+53.38	23.00 (RT)	5173.35
L	5-P1	13+03.49	23.00 (RT)	5171.97
L	6-P1	13+53.49	23.00 (RT)	5170.59
L	7-P1	14+03.49	23.00 (RT)	5169.22
L	8-P1	14+53.49	23.00 (RT)	5167.75
L	9-P1	15+03.49	23.00 (RT)	5166.37
L	10-P1	15+53.49	23.00 (RT)	5165.00
L	11-P1	16+03.49	23.00 (RT)	5163.62
L	12-P1	16+53.49	23.00 (RT)	5162.25
L	13-P1	17+03.49	23.00 (RT)	5160.87
L	14-P1	17+53.49	23.00 (RT)	5159.44
L	15-P1	18+03.49	23.00 (RT)	5158.94
L	16-P1	18+53.49	23.00 (RT)	5158.44
L	17-P1	19+03.49	23.00 (RT)	5157.94
L	18-P1	19+48.49	23.00 (RT)	5157.49
L	19-P1	19+99.20	23.00 (RT)	5156.98
K	21-P1	20+08.20	23.00 (LT)	5156.89
K	22-P1	19+60.41	23.00 (LT)	5157.37
K	23-P1	19+15.41	23.00 (LT)	5157.82
K	24-P1	18+65.41	23.00 (LT)	5158.32
K	25-P1	18+15.41	23.00 (LT)	5158.82
K	26-P1	17+65.41	23.00 (LT)	5159.32
K	27-P1	17+15.41	23.00 (LT)	5160.54
K	28-P1	16+65.41	23.00 (LT)	5161.92
K	29-P1	16+15.41	23.00 (LT)	5163.29
K	30-P1	15+65.41	23.00 (LT)	5164.67
K	31-P1	15+15.41	23.00 (LT)	5166.04
K	32-P1	14+65.41	23.00 (LT)	5167.42
K	33-P1	14+15.41	23.00 (LT)	5168.89
K	34-P1	13+65.41	23.00 (LT)	5170.27
K	35-P1	13+15.41	23.00 (LT)	5171.64
K	36-P1	12+65.41	23.00 (LT)	5173.02
K	37-P1	12+15.41	23.00 (LT)	5174.39
K	38-P1	11+65.41	23.00 (LT)	5175.77
K	39-P1	11+15.41	23.00 (LT)	5177.14



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: AVALON SUBDIVISION, UNIT 3B
SAN NICHOLAS AVE NW
WATER & SANITARY SEWER PLAN & PROFILE

APPROVED JUN 1 3 2001
DESIGN REVIEW COMMITTEE
CITY ENGINEER

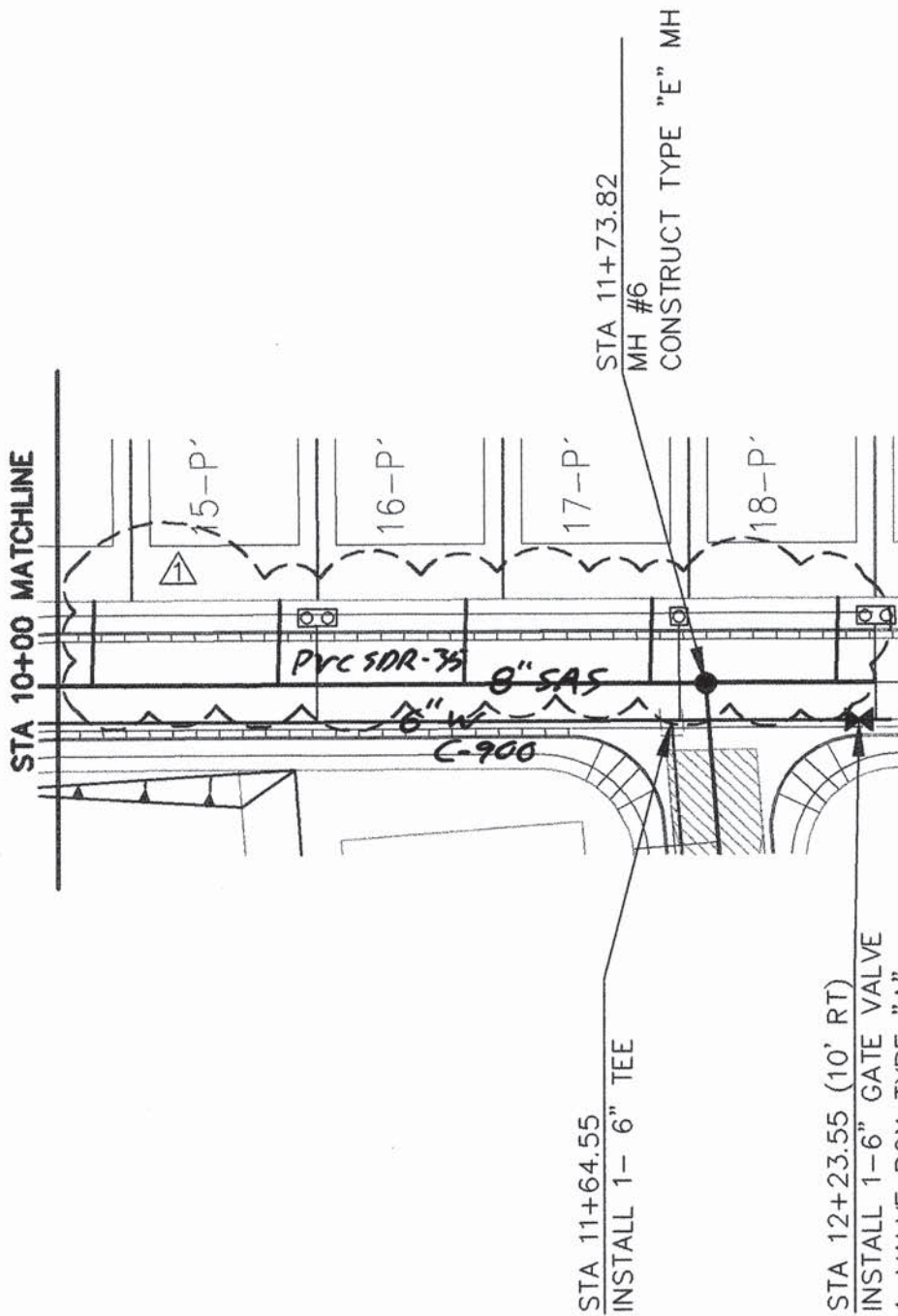
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STATIONED BY	DATE	BY	DATE
FIELD CHECKED BY	DATE	BY	DATE
DESIGNED BY	DATE	BY	DATE
DRAWN BY	DATE	BY	DATE
CHECKED BY	DATE	BY	DATE
RECORDED BY	DATE	BY	DATE
MICRO-FILM INFORMATION			
CONTRACTOR	DATE	BY	DATE
STATIONED BY	DATE	BY	DATE
FIELD CHECKED BY	DATE	BY	DATE
DESIGNED BY	DATE	BY	DATE
DRAWN BY	DATE	BY	DATE
CHECKED BY	DATE	BY	DATE
RECORDED BY	DATE	BY	DATE

RESTRAINED JOINT LENGTH

1. TEE BRANCH-EACH RUN PIPE SHALL BE MINIMUM 10' W/O JOINTS.
2. DISTANCE SHOWN IS IN EACH DIRECTION FOR VALVES AND BENDS
3. ALL DEAD END CAPS SHALL BE BLOCKED.

SIZE	90	45	22-1/2	11 1/4	TEE	VALVE
4"	21'	9'	5'	3'	21'	52'
6"	26'	11'	6'	3'	37'	74'
8"	31'	13'	7'	4'	54'	97'
10"	34'	15'	7'	4'	69'	107'
12"	54'	23'	11'	6'	85'	120'

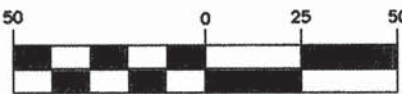
BLK	LOT	STATION	OFFSET	INVERT
J	14-P1	10+09.55	23.00 (LT)	5157.85
J	15-P1	10+59.55	23.00 (LT)	5157.33
J	16-P1	11+09.55	23.00 (LT)	5157.06
J	17-P1	11+59.55	23.00 (LT)	5156.79
J	18-P1	12+09.55	23.00 (LT)	5156.52



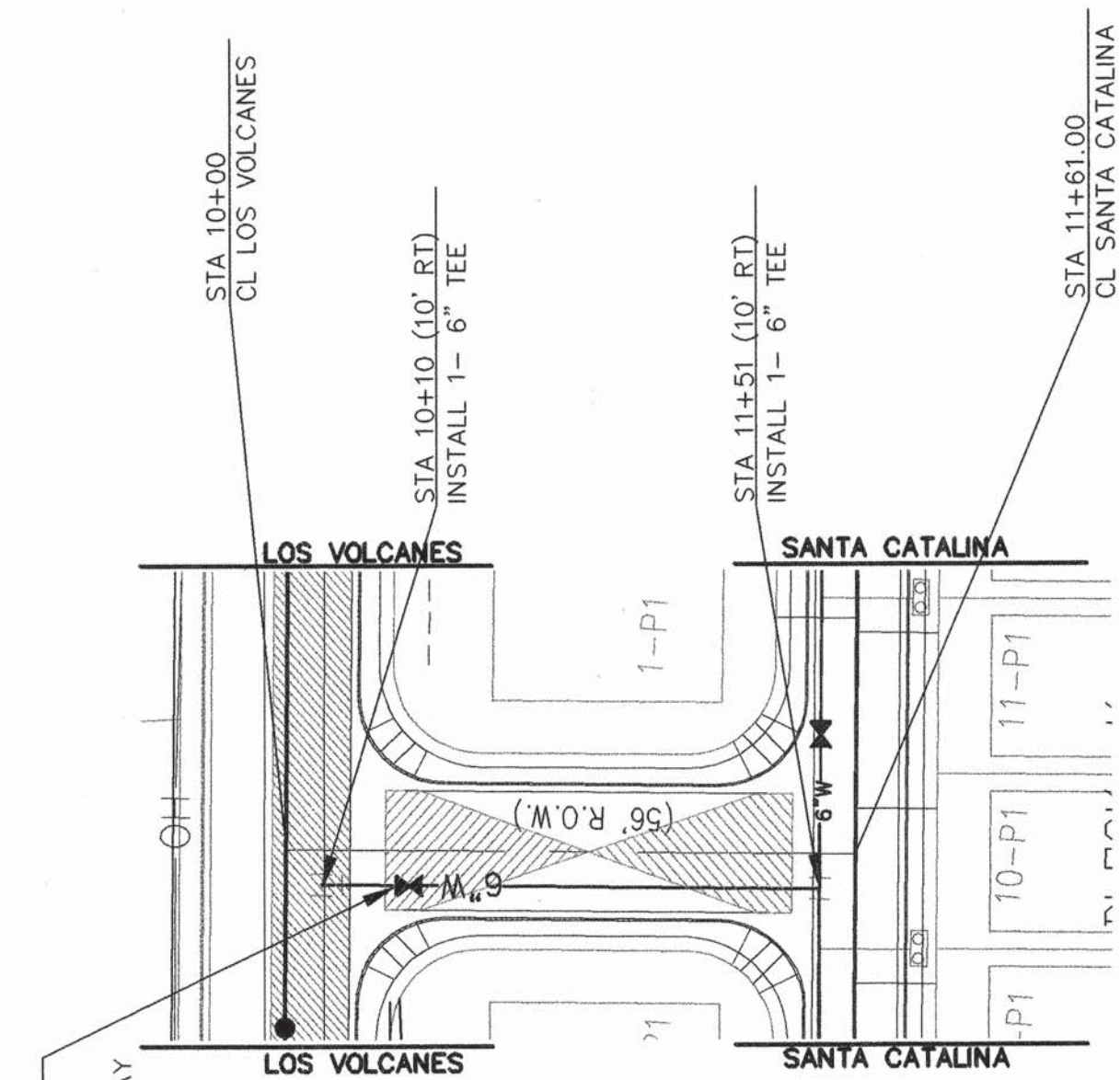
STA 11+73.82
MH #6
CONSTRUCT TYPE "E" MH

STA 11+64.55
INSTALL 1- 6" TEE

STA 12+23.55 (10' RT)
INSTALL 1- 6" GATE VALVE
1- VALVE BOX TYPE "A"
RESTRAIN JOINTS 66' EA WAY



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



STA 10+35.00 (10' RT)
INSTALL 1- 6" GATE VALVE
1- VALVE BOX TYPE "A"
RESTRAIN JOINTS 66' EA WAY

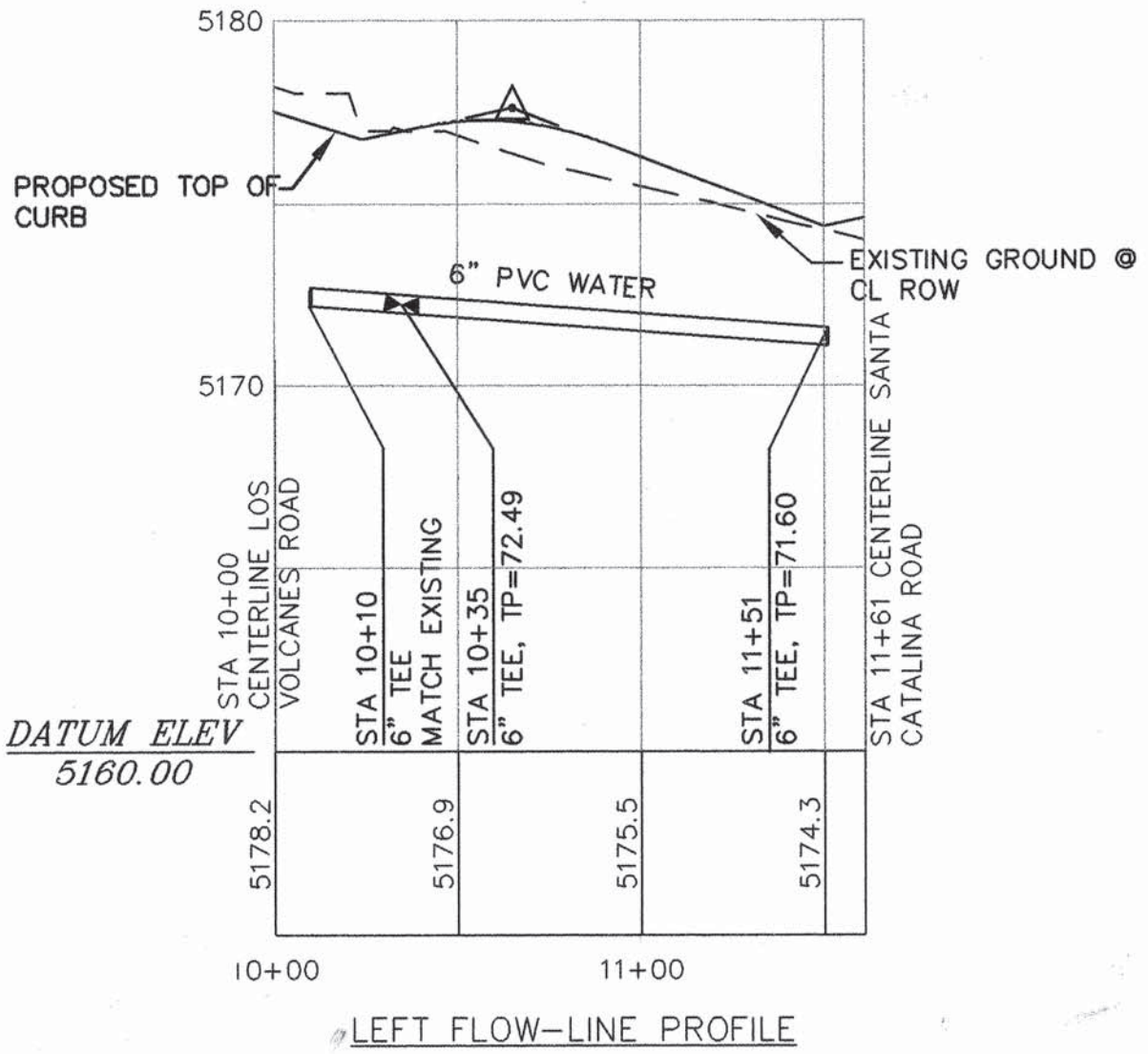
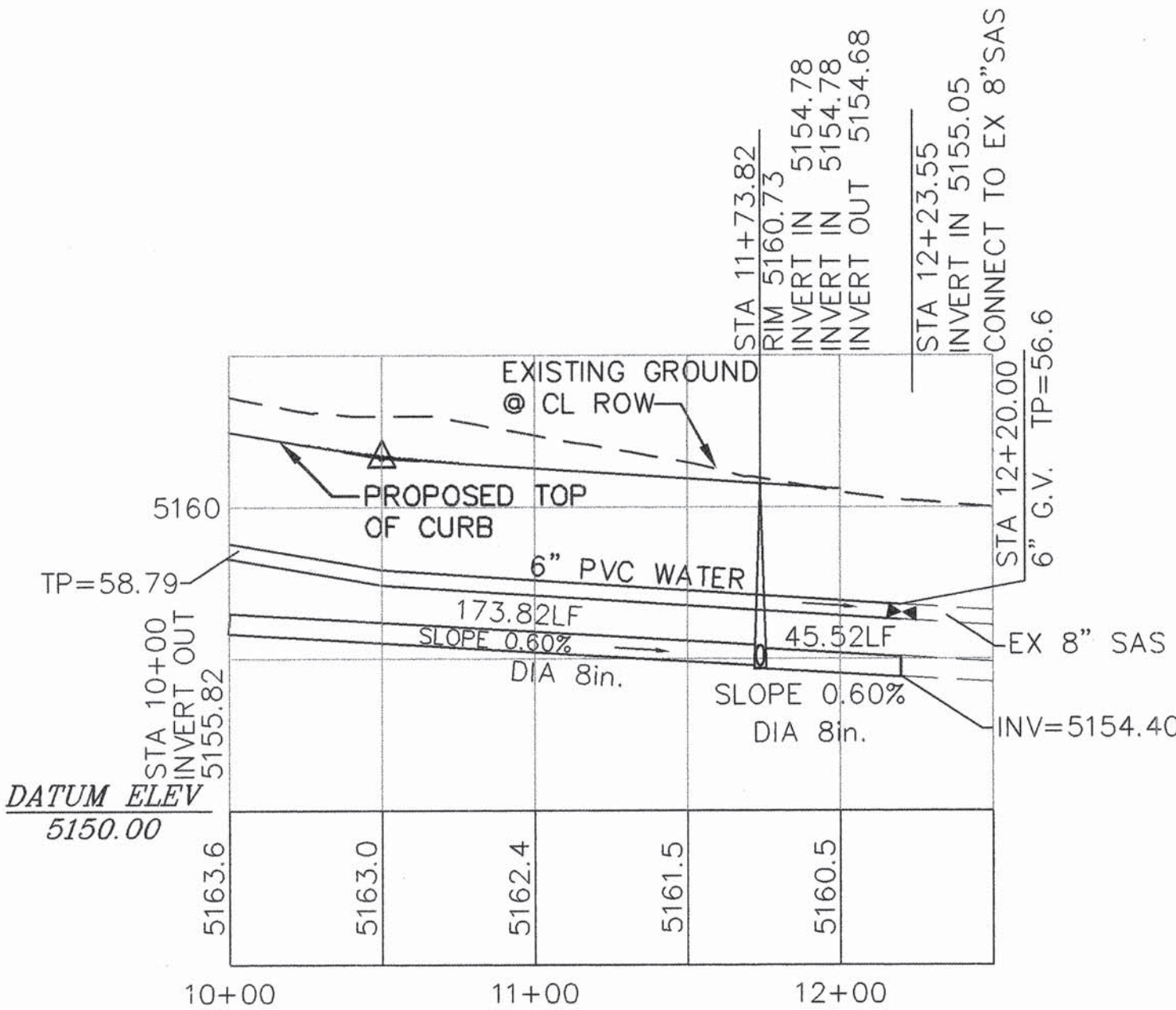
STA 10+10 (10' RT)
INSTALL 1- 6" TEE

STA 11+51 (10' RT)
INSTALL 1- 6" TEE

STA 11+61.00
CL SANTA CATALINA



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



LEFT FLOW-LINE PROFILE

LEGEND

ITEM	EXISTING	PROPOSED
WATERLINE	6" W	6" W
SANITARY SEWER	8" SAS	8" SAS
STORM SEWER	36" SD	24" SD
FIRE HYDRANT	⊙	⊙
VALVE	⊕	⊕
WATER SERVICE (SINGLE)	—	—
WATER SERVICE (DOUBLE)	—	—
MANHOLE	⊙	⊙
MOUNTABLE CURB	—	—
STD CURB & CUTTER	—	—
DROP INLET	—	—
OVERHEAD ELEC	OHE	OHE
UNDERGROUND ELEC	UGT	UGT
GAS, TEL, TV	—	—
FLOWLINE ELEV.	FL 0.14	FL 0.14
TOP OF CURB ELEV.	99.3	99.31
SPOT ELEV.	16.7	16.7
SEWER SERVICE	—	—
RIGHT OF WAY	—	—
POWER POLE (GUYYED)	PP	PP
CHAIN LINK FENCE	x	x
CENTERLINE	—	—
RETAINING WALL	—	—
TOP OF ASPHALT ELEV.	TA 16.2	TA 16.2
TEMP. PAVEMENT	—	—
STREET LIGHT	☆	☆

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY UNLESS NOTED OTHERWISE.

AS BUILT INFORMATION

CONTRACTOR	DATE
STANLEY	DATE
ACCEPTANCE BY	DATE
FIELD	DATE
REVISION BY	DATE
CORRECTED BY	DATE
RECORDED BY	DATE

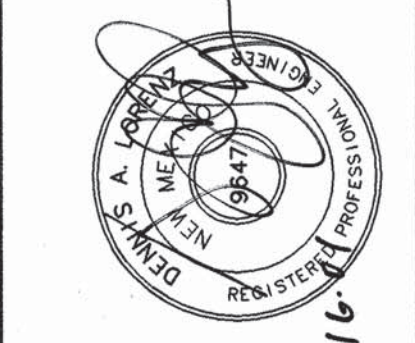
BENCH MARKS

NO.	BY	DATE
1	ACS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST	
2	CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	
3	NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	
4	LOS VOLCANES RD. THE STATION IS SET FLUSH	
5	IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"	
6	ELEVATION = 5142.79 FEET	

SURVEY INFORMATION

NO.	BY	DATE
1	ACS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST	
2	CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	
3	NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	
4	LOS VOLCANES RD. THE STATION IS SET FLUSH	
5	IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"	
6	ELEVATION = 5142.79 FEET	

ENGINEER'S SEAL



REVISIONS

NO.	DATE	REMARKS
1	7/16/01	DESIGN
2	7/16/01	DESIGN
3	7/16/01	DESIGN
4	7/16/01	DESIGN
5	7/16/01	DESIGN
6	7/16/01	DESIGN
7	7/16/01	DESIGN
8	7/16/01	DESIGN
9	7/16/01	DESIGN
10	7/16/01	DESIGN
11	7/16/01	DESIGN
12	7/16/01	DESIGN
13	7/16/01	DESIGN
14	7/16/01	DESIGN
15	7/16/01	DESIGN

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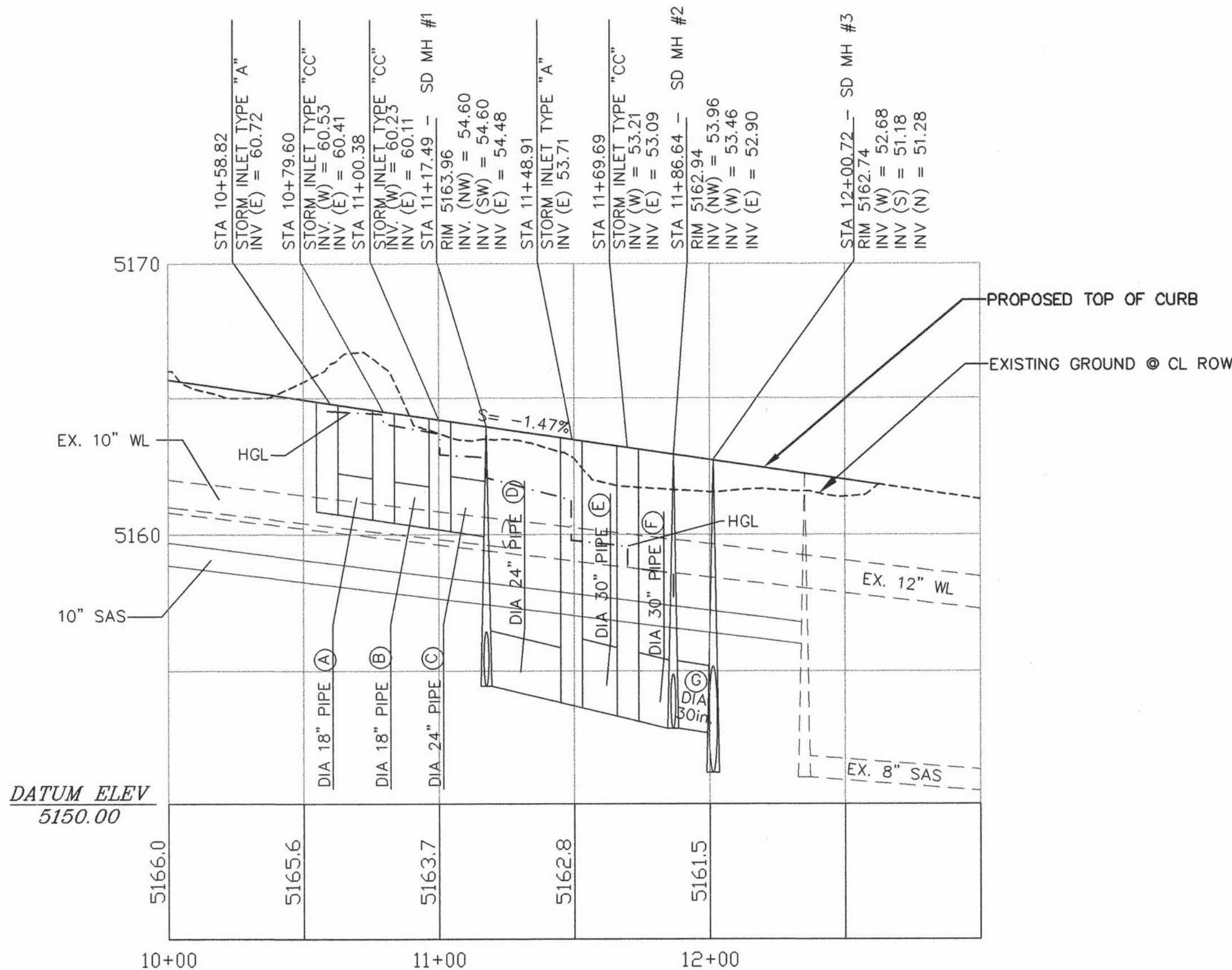
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: AVALON SUBDIVISION, UNIT 3B
GALLEON DRIVE NW AND HELM DRIVE NW
WATER & SANITARY SEWER PLAN & PROFILE

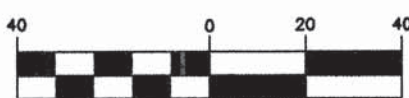
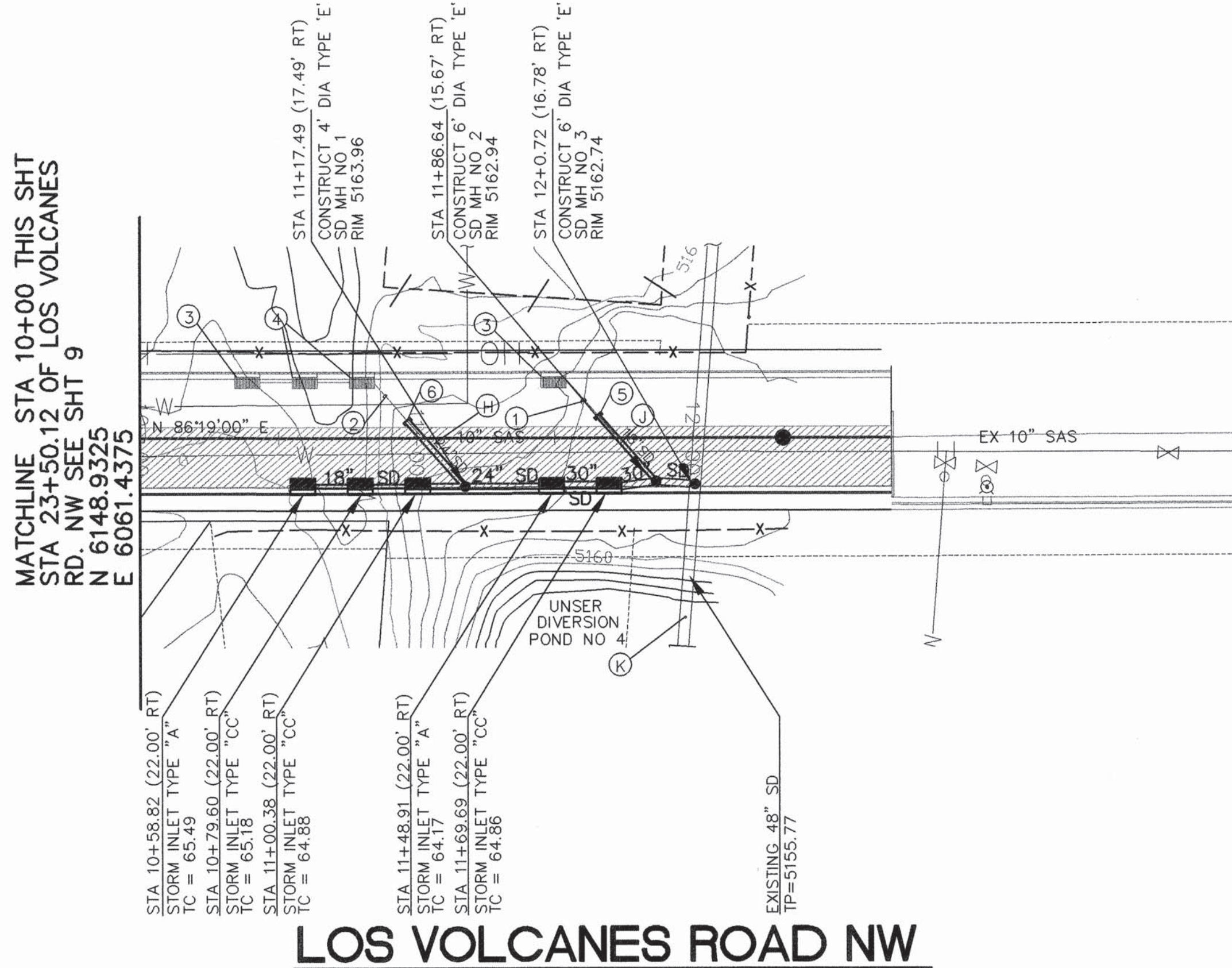
Design/Review Committee
AUG - 7 2001
DESIGN REVIEW COMMITTEE

City Engineer Approval
AUG - 7 2001
CITY ENGINEER

City Project No. 655781 Zone Map No. K-9 Sheet 19 of 24



STORM DRAIN PIPE DATA					
SEGMENT	DIA	LENGTH	SLOPE	Q=100	VELOCITY
A	18"	20.78'	0.91%	8.0	6.31
B	18"	20.78'	0.96%	14.0	6.44
C	24"	17.14'	36.26%	18.5	29.07
D	24"	31.43'	2.20%	37.0	10.93
E	30"	20.78'	2.40%	5.1	13.85
F	30"	17.18'	0.64%	9.3	6.89
G	30"	14.13'	1.56%	50.4	11.89
H	24"	32.00'	7.04%	8.0	16.60
J	18"	32.00'	14.09%	4.1	13.77
K	48"	253.40'	2.60%	142.7	19.4



HORIZ: 1" = 40'
VERT: 1" = 4'

KEYED NOTES

1. FUTURE 18" RCP BY OTHERS
2. FUTURE 24" RCP BY OTHERS
3. FUTURE TYPE 'A' INLET BY OTHERS
4. FUTURE TYPE 'C' INLET BY OTHERS
5. CONSTRUCT 18" CAP @ STA 11+65.42 (8.29 Lf)
INV = 59.52
6. CONSTRUCT 24" CAP @ STA 10+96.35 (6.52 Lf)
INV = 58.00

26 6557.81 2001

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: AVALON SUBDIVISION, UNIT 3B
LOS VOLCANES ROAD
STORM PLAN & PROFILE

DESIGN REVIEW COMMITTEE
APPROVED
JUN 13 2001
CITY ENGINEER

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

City Project No.

655781

Zone Map No.
K-9

Sheet

Of

20

24

STATIONING IS BASED ON CENTERLINE OF RIGHT OF WAY
UNLESS NOTED OTHERWISE.

TEMP. PAVEMENT
STREET LIGHT

ITEM EXISTING PROPOSED
WATERLINE 6" W 6" W
SANITARY SEWER 8" SAS 8" SAS
STORM SEWER 36" SD 24" SD
FIRE HYDRANT
VALVE
WATER SERVICE (SINGLE)
WATER SERVICE (DOUBLE)
MANHOLE
MOUNTABLE CURB
STD CURB & GUTTER
DROP INLET
OVERHEAD ELEC
UNDERGROUND ELEC.
GAS, TEL, TV
FLOWLINE ELEV.
TOP OF CURB ELEV.
SPOT ELEV.
SEWER SERVICE
RIGHT OF WAY
POWER POLE (GUYED)
CHAIN LINK FENCE
CENTERLINE
RETAINING WALL
TOP OF ASPHALT ELEV.
TA 16.2

LEGEND
ITEM EXISTING PROPOSED
WATERLINE 6" W 6" W
SANITARY SEWER 8" SAS 8" SAS
STORM SEWER 36" SD 24" SD
FIRE HYDRANT
VALVE
WATER SERVICE (SINGLE)
WATER SERVICE (DOUBLE)
MANHOLE
MOUNTABLE CURB
STD CURB & GUTTER
DROP INLET
OVERHEAD ELEC
UNDERGROUND ELEC.
GAS, TEL, TV
FLOWLINE ELEV.
TOP OF CURB ELEV.
SPOT ELEV.
SEWER SERVICE
RIGHT OF WAY
POWER POLE (GUYED)
CHAIN LINK FENCE
CENTERLINE
RETAINING WALL
TOP OF ASPHALT ELEV.
TA 16.2

LEGEND
ITEM EXISTING PROPOSED
WATERLINE 6" W 6" W
SANITARY SEWER 8" SAS 8" SAS
STORM SEWER 36" SD 24" SD
FIRE HYDRANT
VALVE
WATER SERVICE (SINGLE)
WATER SERVICE (DOUBLE)
MANHOLE
MOUNTABLE CURB
STD CURB & GUTTER
DROP INLET
OVERHEAD ELEC
UNDERGROUND ELEC.
GAS, TEL, TV
FLOWLINE ELEV.
TOP OF CURB ELEV.
SPOT ELEV.
SEWER SERVICE
RIGHT OF WAY
POWER POLE (GUYED)
CHAIN LINK FENCE
CENTERLINE
RETAINING WALL
TOP OF ASPHALT ELEV.
TA 16.2

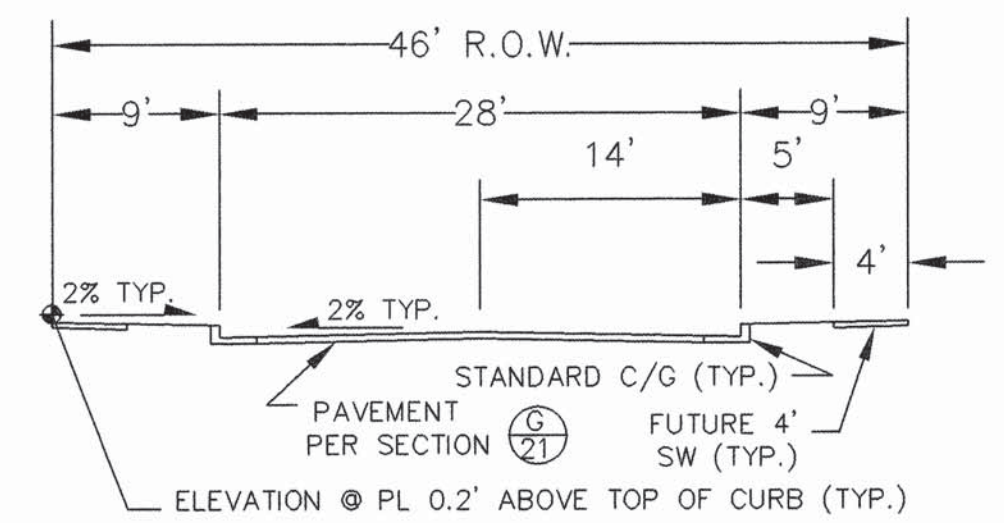
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CONTRACTOR
WORK
STARTED BY
DATE
ACCEPTANCE BY
DATE
DRAWINGS
CORRECTED BY
DATE
MICRO-FILM INFORMATION
RECORDED BY
DATE

BENCH MARKS
ACS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST
CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF
NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON
LOS VOLCANES RD. THE STATION IS SET FLUSH
IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"
ELEVATION = 5142.79 FEET

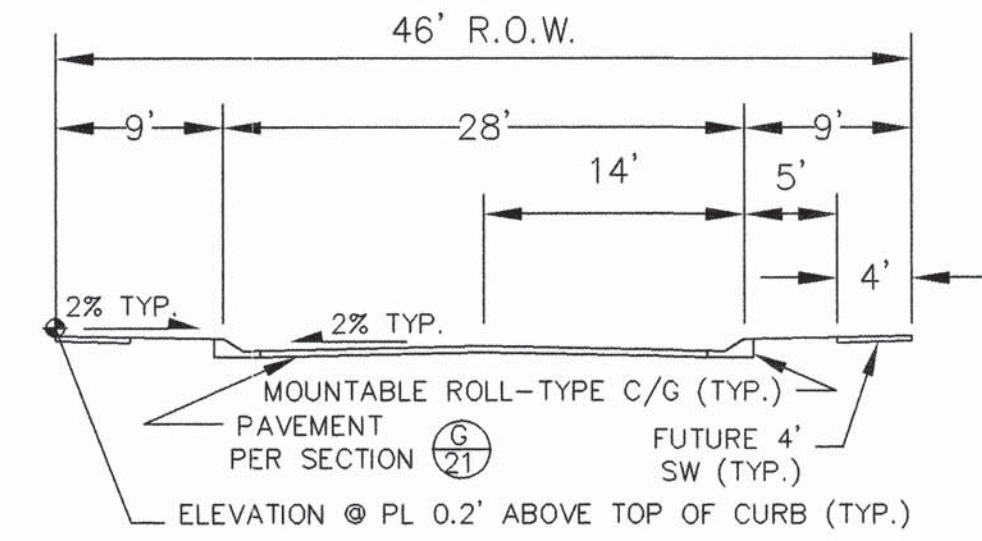
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
NO. BY DATE

ENGINEER'S SEAL
3-29-01

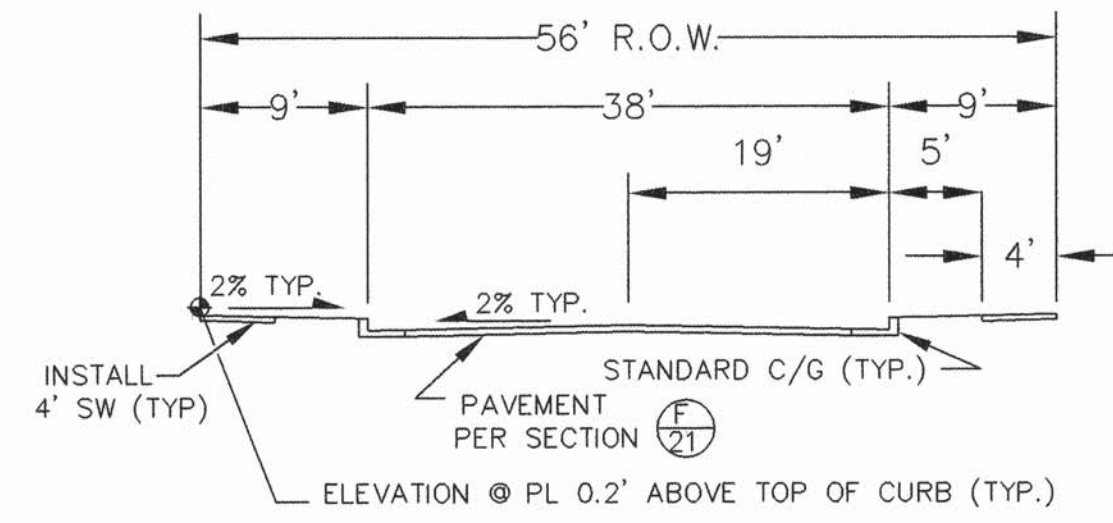
REVISIONS
NO. DATE
1 7-16-01 ADDED STA + OFFSET INFO
REMARKS
DESIGNED BY D.A.L. DATE 02/2001
DRAWN BY L.A.N. DATE 02/2001
CHECKED BY D.A.L. DATE 02/2001



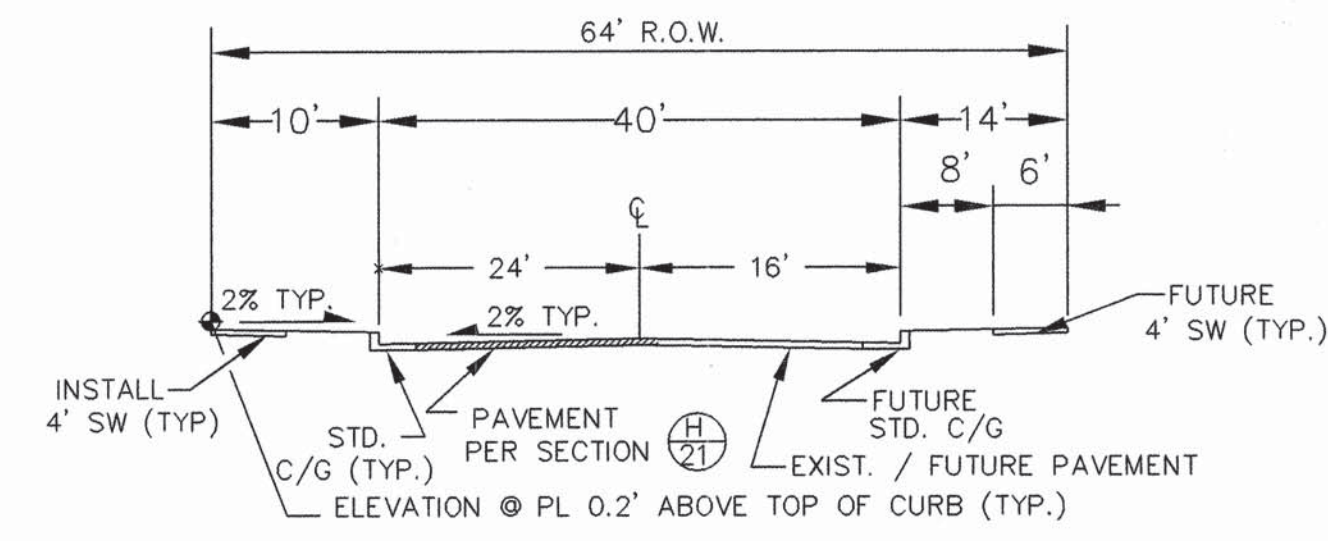
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GALLEON DRIVE
1" = 10'



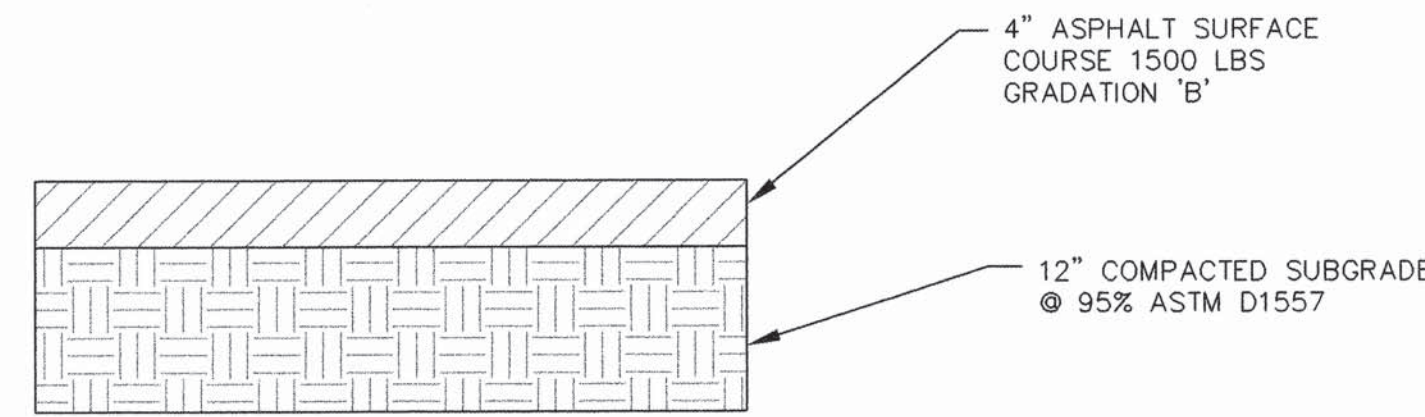
RESIDENTIAL STREET SECTION (B) 21
SANTA CATALINA DRIVE
STERN DRIVE
SAN NICHOLAS AVENUE
1" = 10'



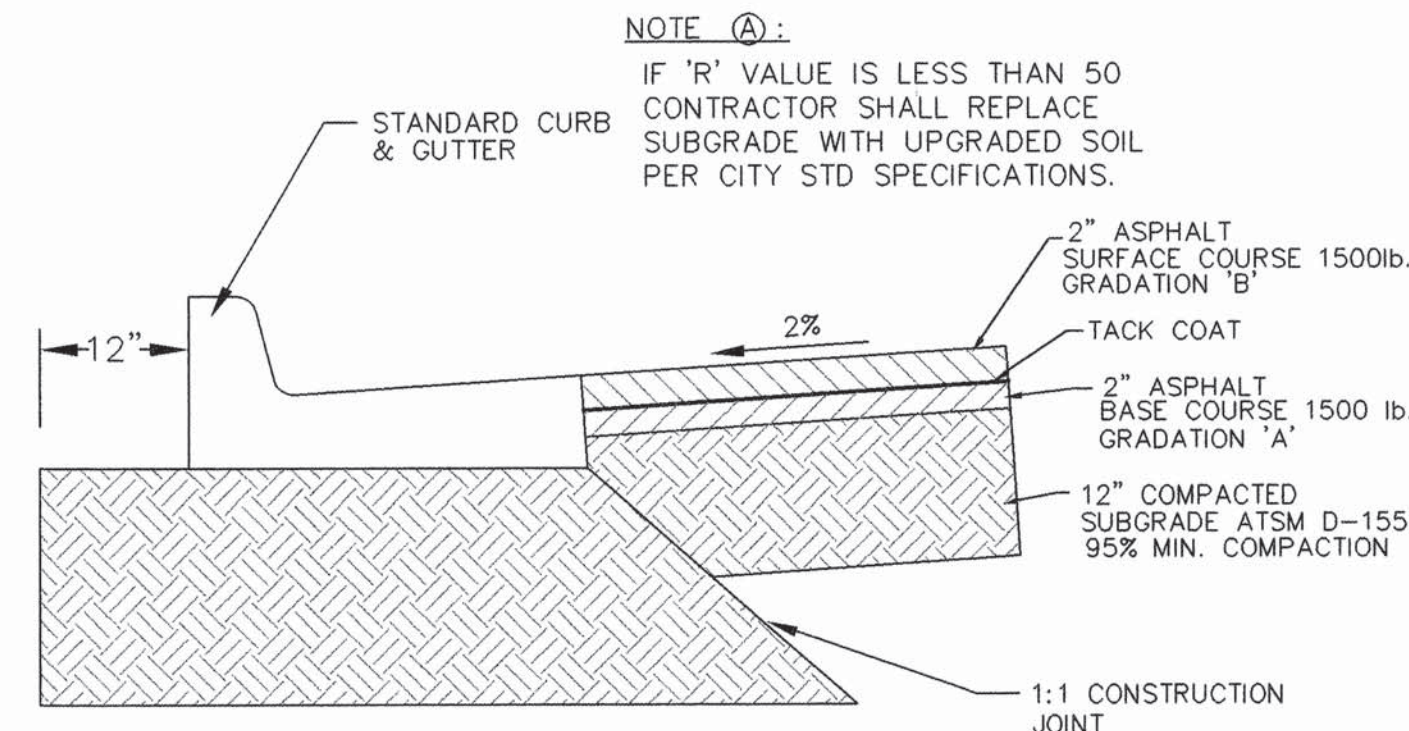
RESIDENTIAL STREET SECTION (C) 21
HELM DRIVE
N.T.S.



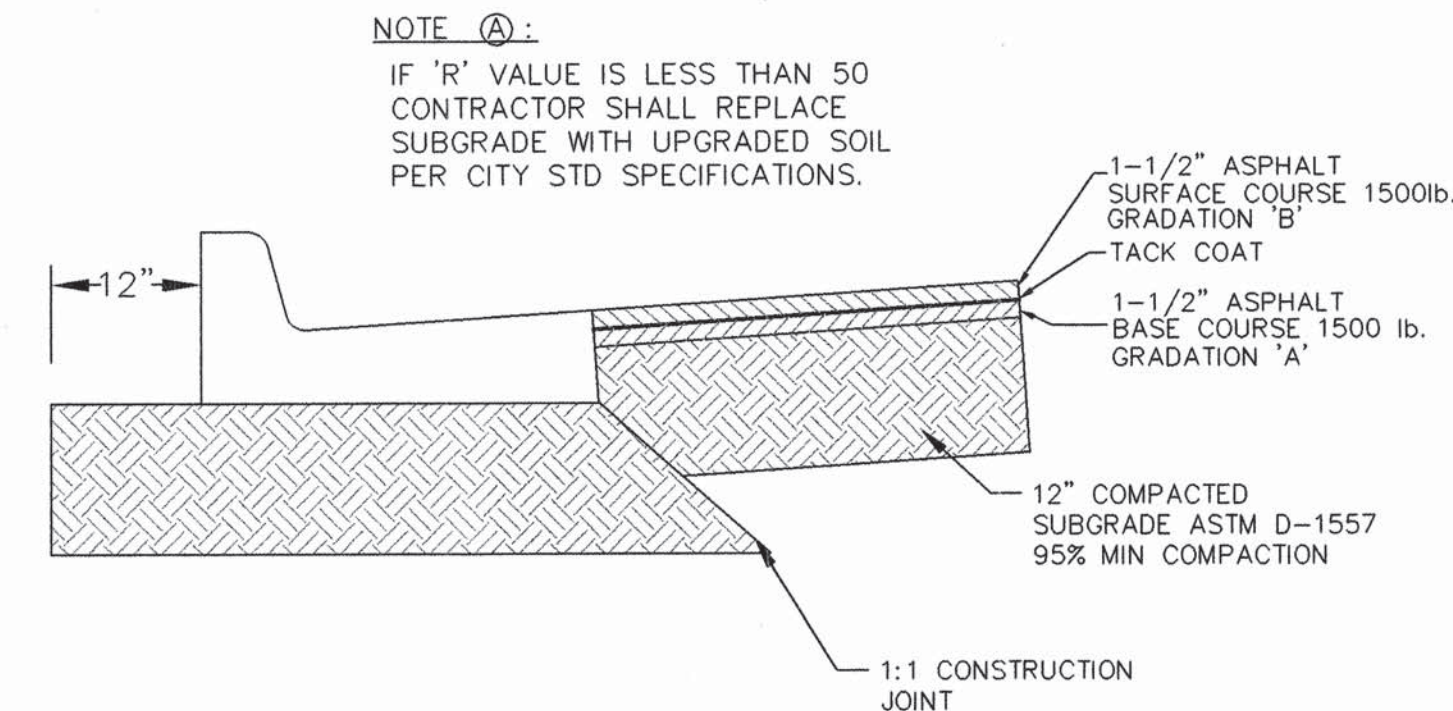
COLLECTOR STREET SECTION (D) 21
90TH STREET
N.T.S.



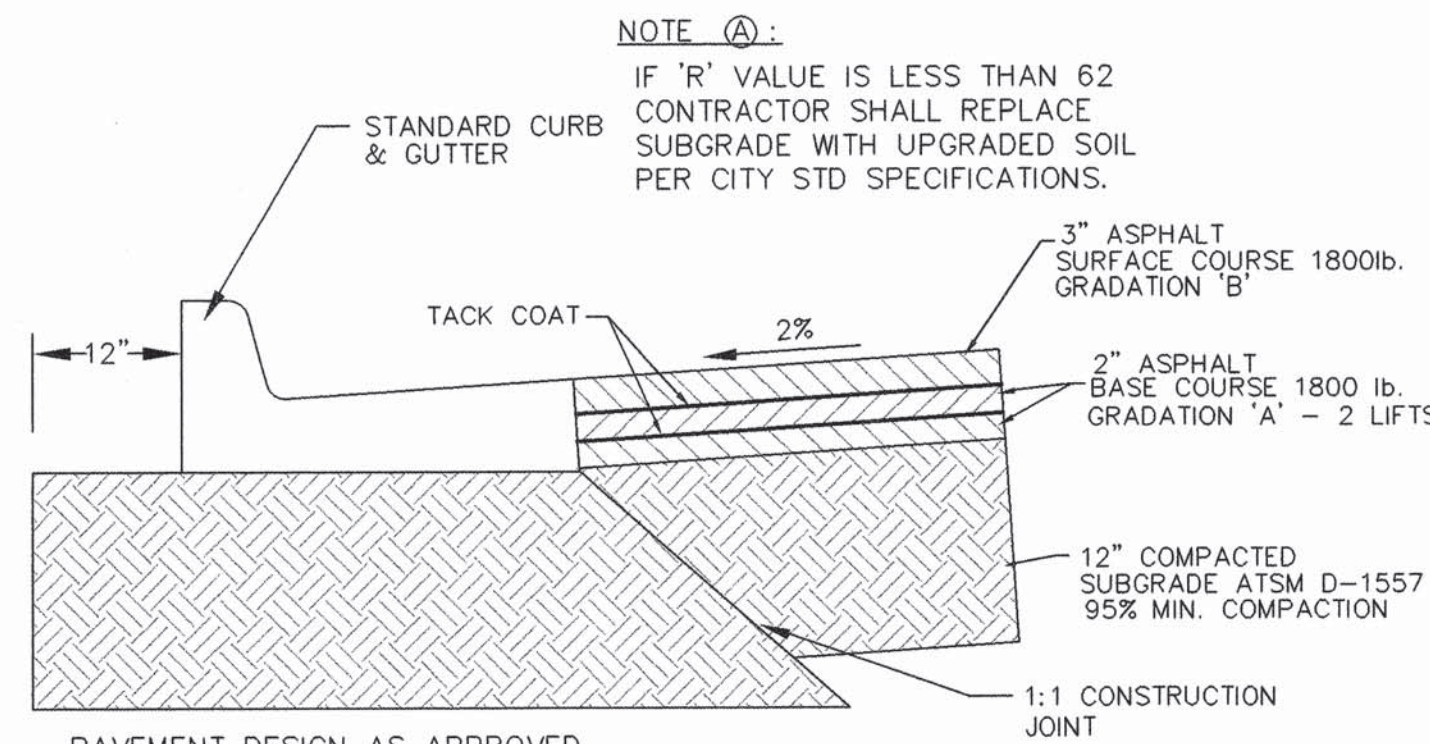
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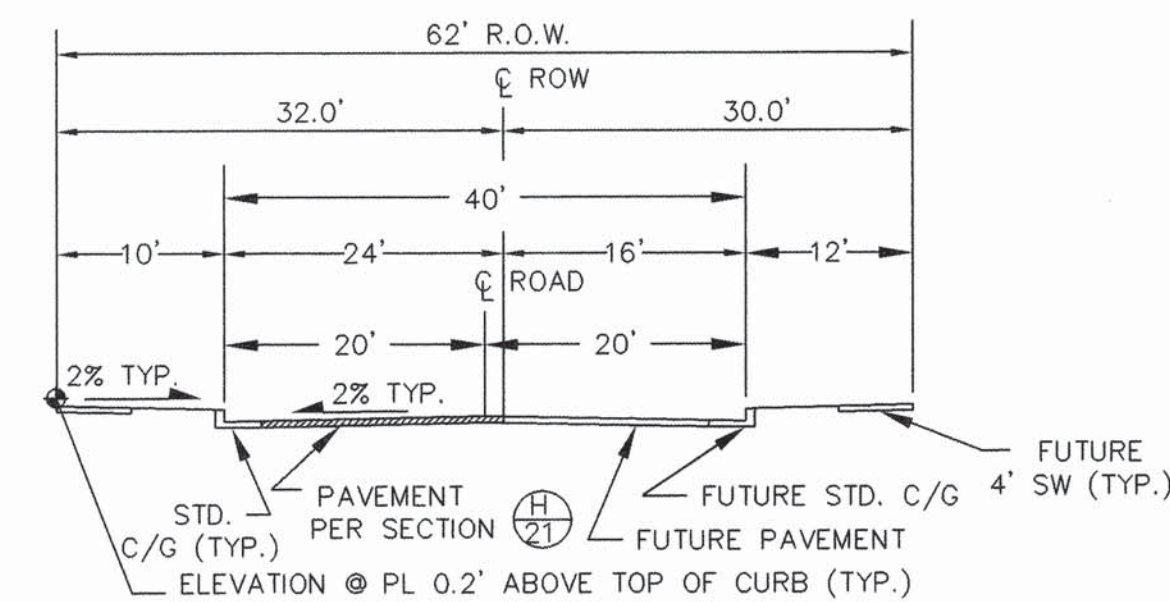
RESIDENTIAL PAVEMENT SECTION (F) 21
HELM DRIVE
N.T.S.



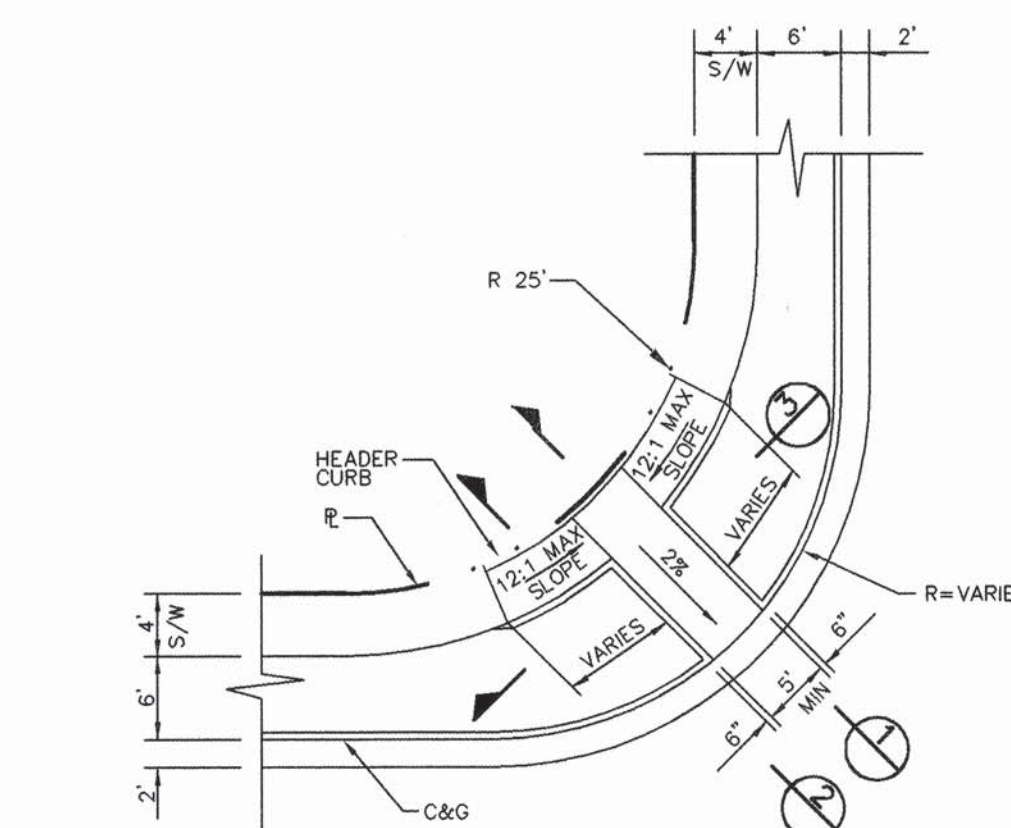
RESIDENTIAL PAVEMENT SECTION (G) 21
SANTA CATALINA AVENUE
GALLEON DRIVE
STERN DRIVE
SAN NICHOLAS AVENUE
N.T.S.



COLLECTOR PAVEMENT SECTION (H) 21
90TH STREET
N.T.S.



COLLECTOR STREET SECTION (K) 21
LOS VOLCANES
N.T.S.

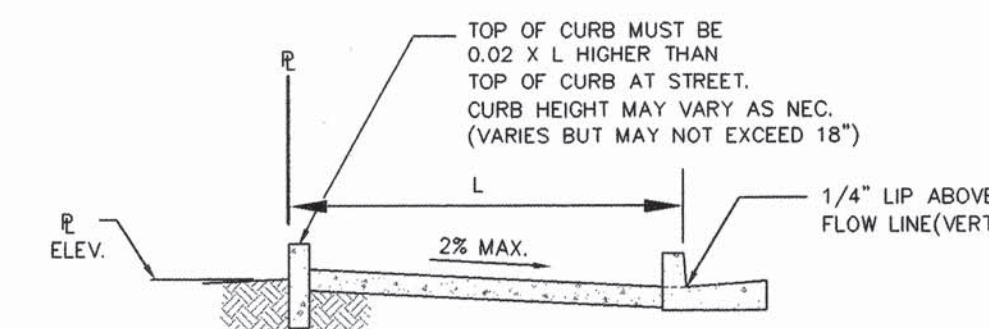


PLAN-WC RAMP
N.T.S.

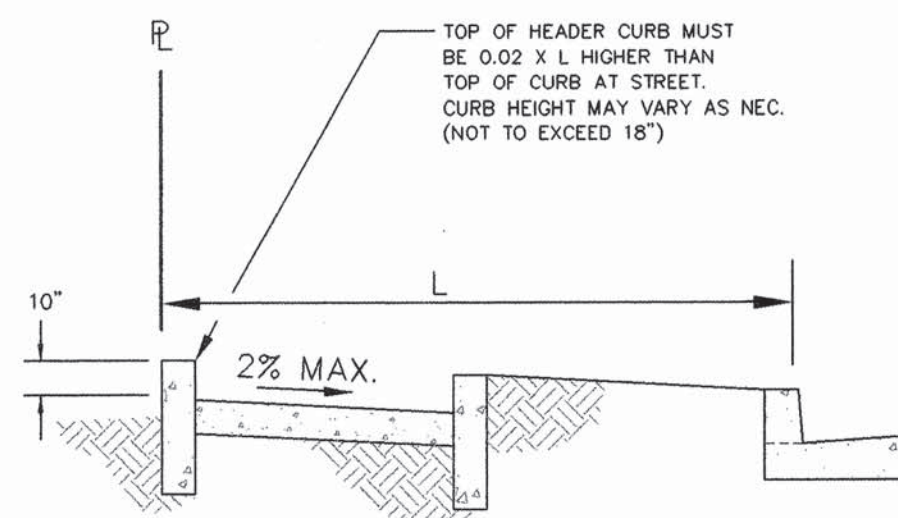
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N.T.S.

GENERAL NOTE:

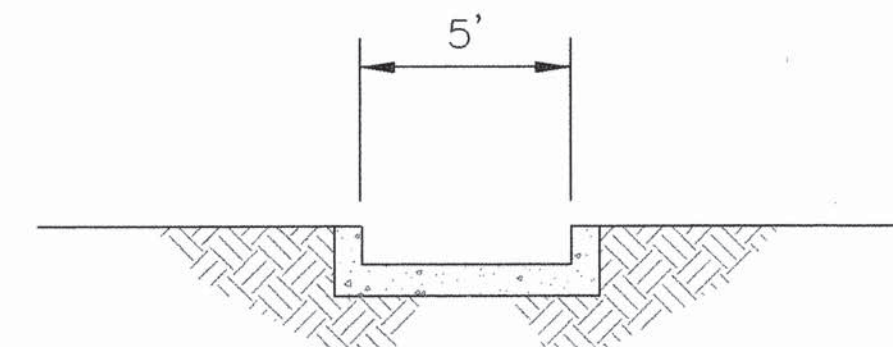
RAMPS SHALL BE CONSTRUCTED ACCORDING TO CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION EXCEPT IN SUCH CASES THAT THOSE SPECIFICATIONS DIFFER FROM THESE PLANS.



(1) RAMP SECTION
N.T.S.



(2) RAMP SECTION
N.T.S.

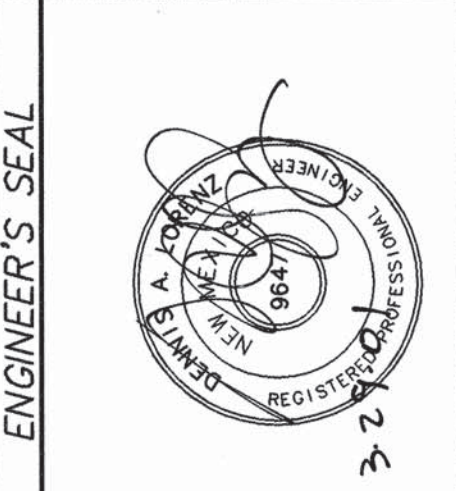


WC RAMP DETAILS (J) 20
N.T.S.

AS BUILT INFORMATION			
CONTRACTOR	DATE	INSPECTOR	DATE
WORK	DATE	ACCEPTANCE BY	DATE
VERIFICATION BY	DATE	VERIFICATION BY	DATE
CONTRACTOR	DATE	CONTRACTOR	DATE

BENCH MARKS			
ACS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST	DATE	INSPECTOR	DATE
CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	DATE	ACCEPTANCE BY	DATE
NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	DATE	VERIFICATION BY	DATE
LOS VOLCANES RD. THE STATION IS SET FLUSH	DATE	CONTRACTOR	DATE
IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989."	DATE	CONTRACTOR	DATE
ELEVATION = 5142.79 FEET	DATE	CONTRACTOR	DATE

SURVEY INFORMATION			
NO.	DATE	BY	DATE



ENGINEER'S SEAL			
NO.	DATE	BY	DATE

26 6557.81 2104

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Albuquerque, New Mexico 87110
Ph: 505-888-6088 Fax: 505-888-6188

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: AVALON SUBDIVISION, UNIT 3B
STREET PAVING DETAILS

Design Review Committee
APPROVE
JUN - 1 2001
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVE
JUN 13 2001
CITY ENGINEER

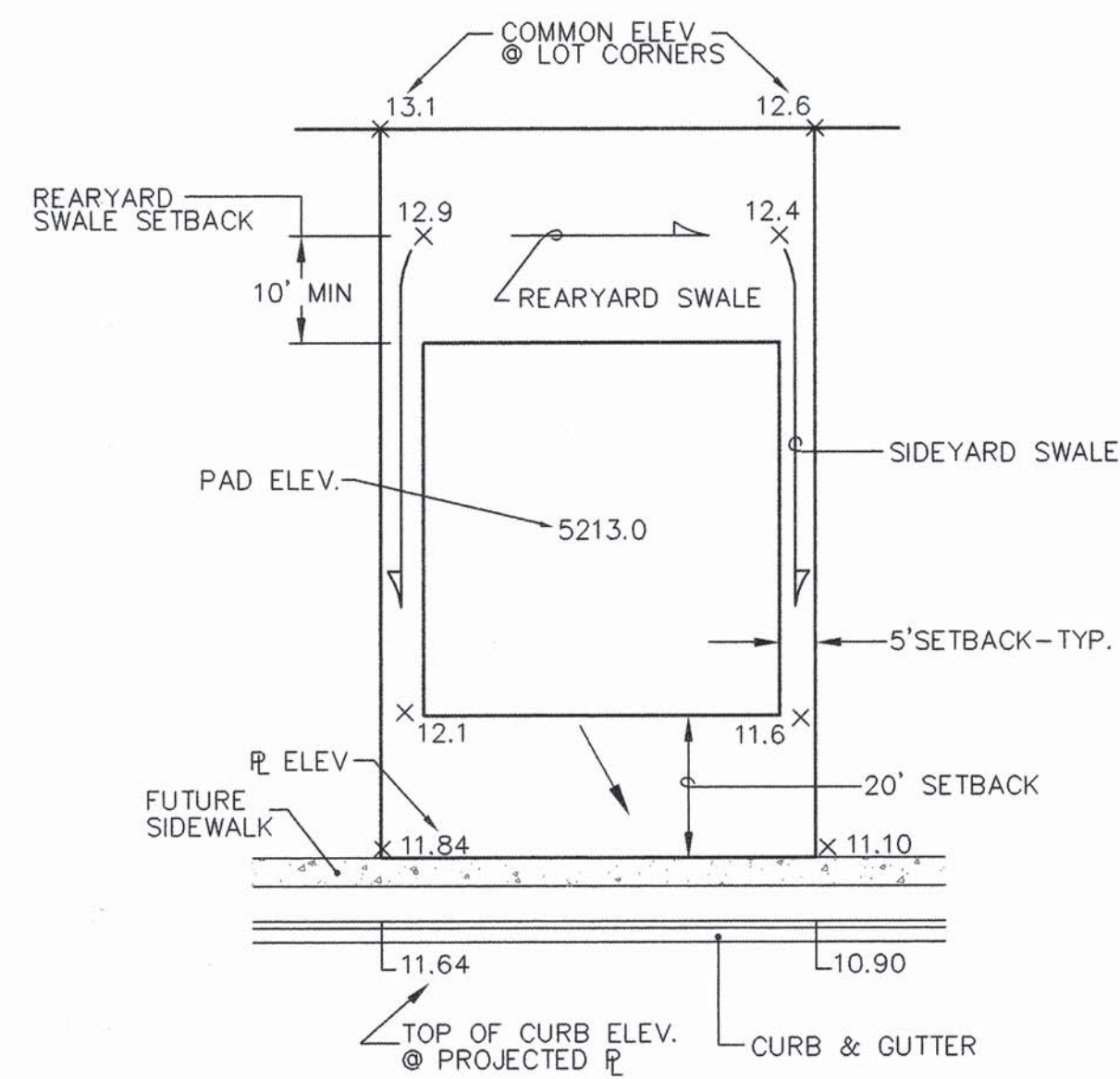
City Project No. 655781

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

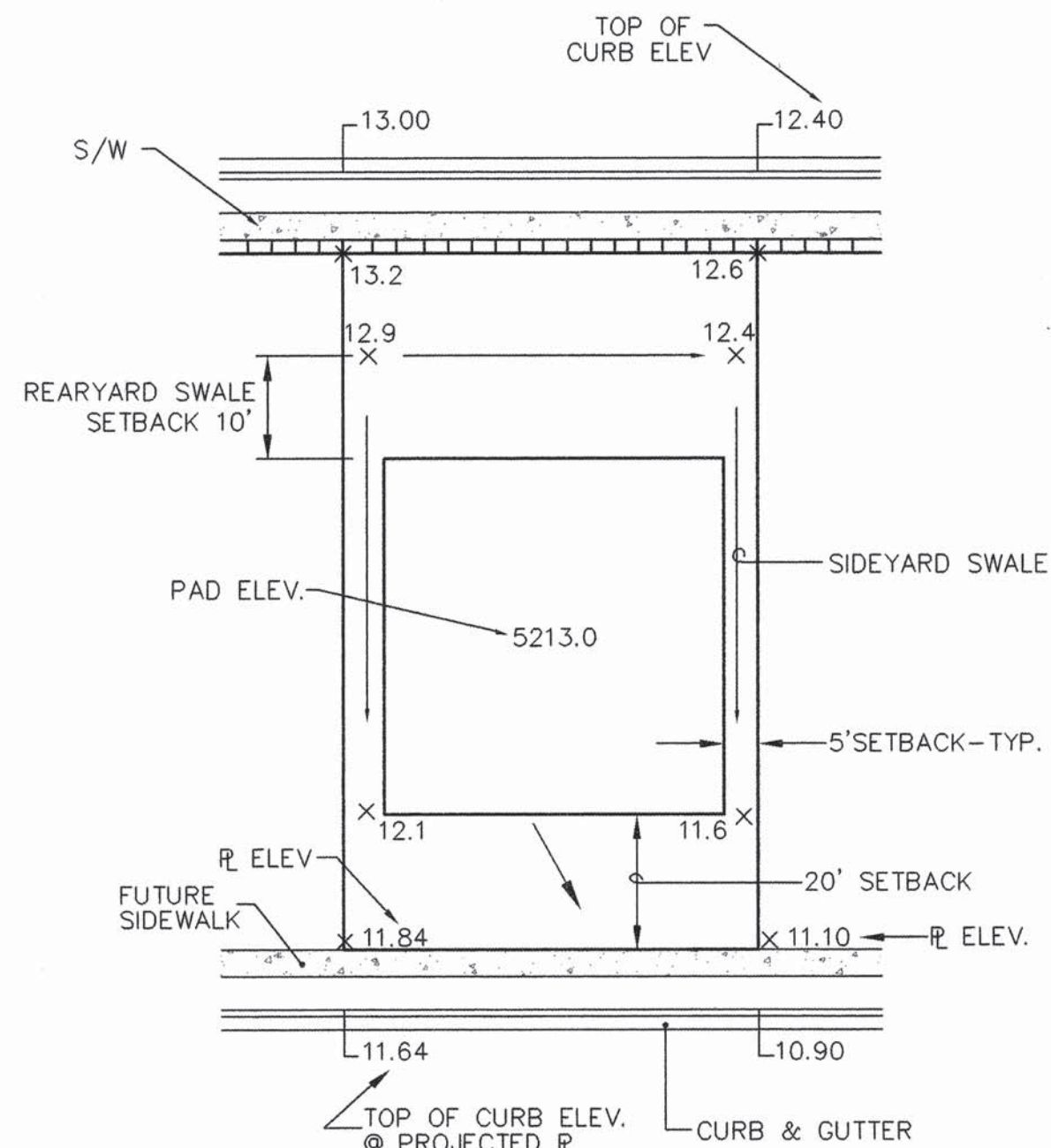
Zone Map No. K-9

Sheet 21

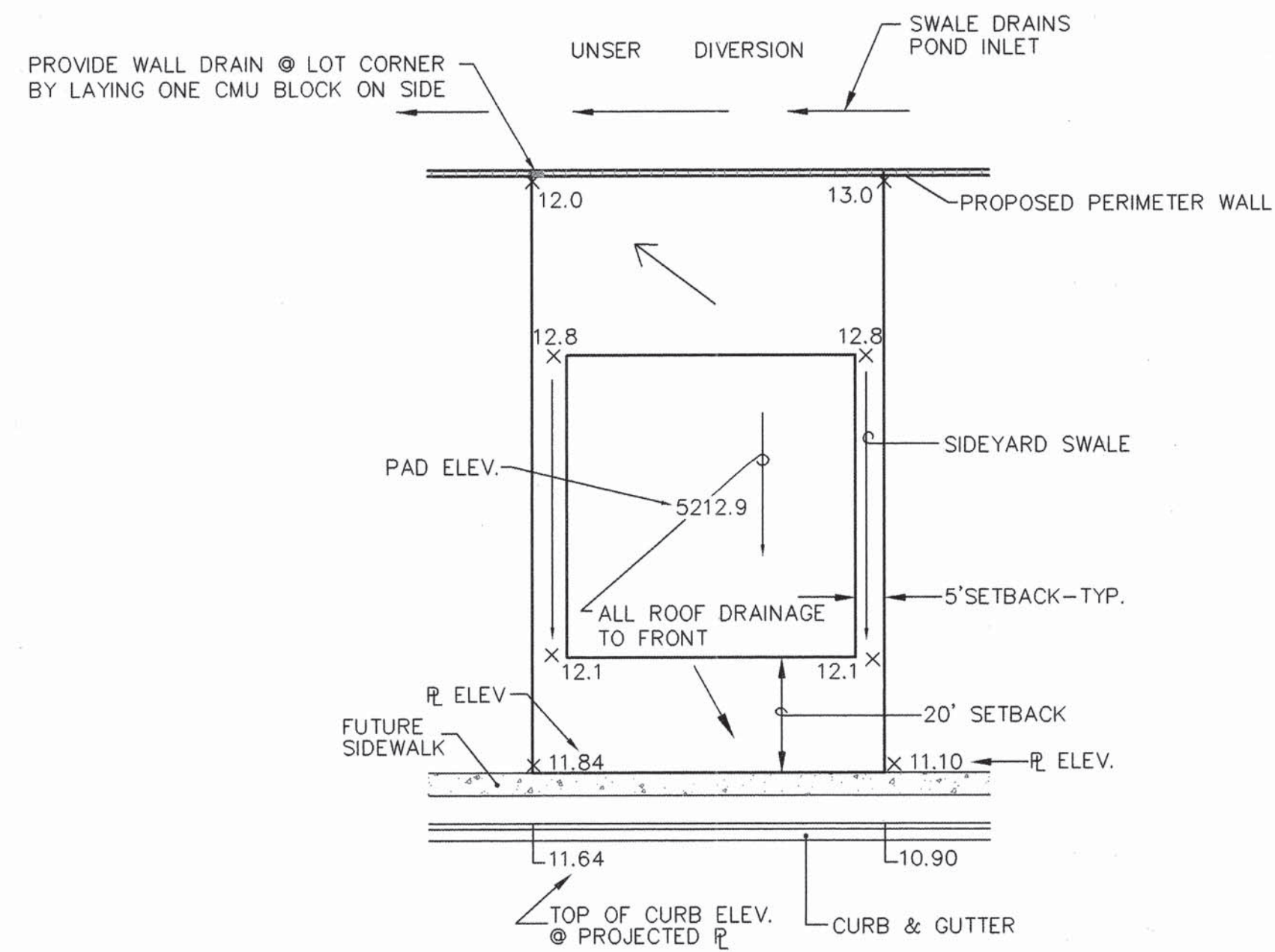
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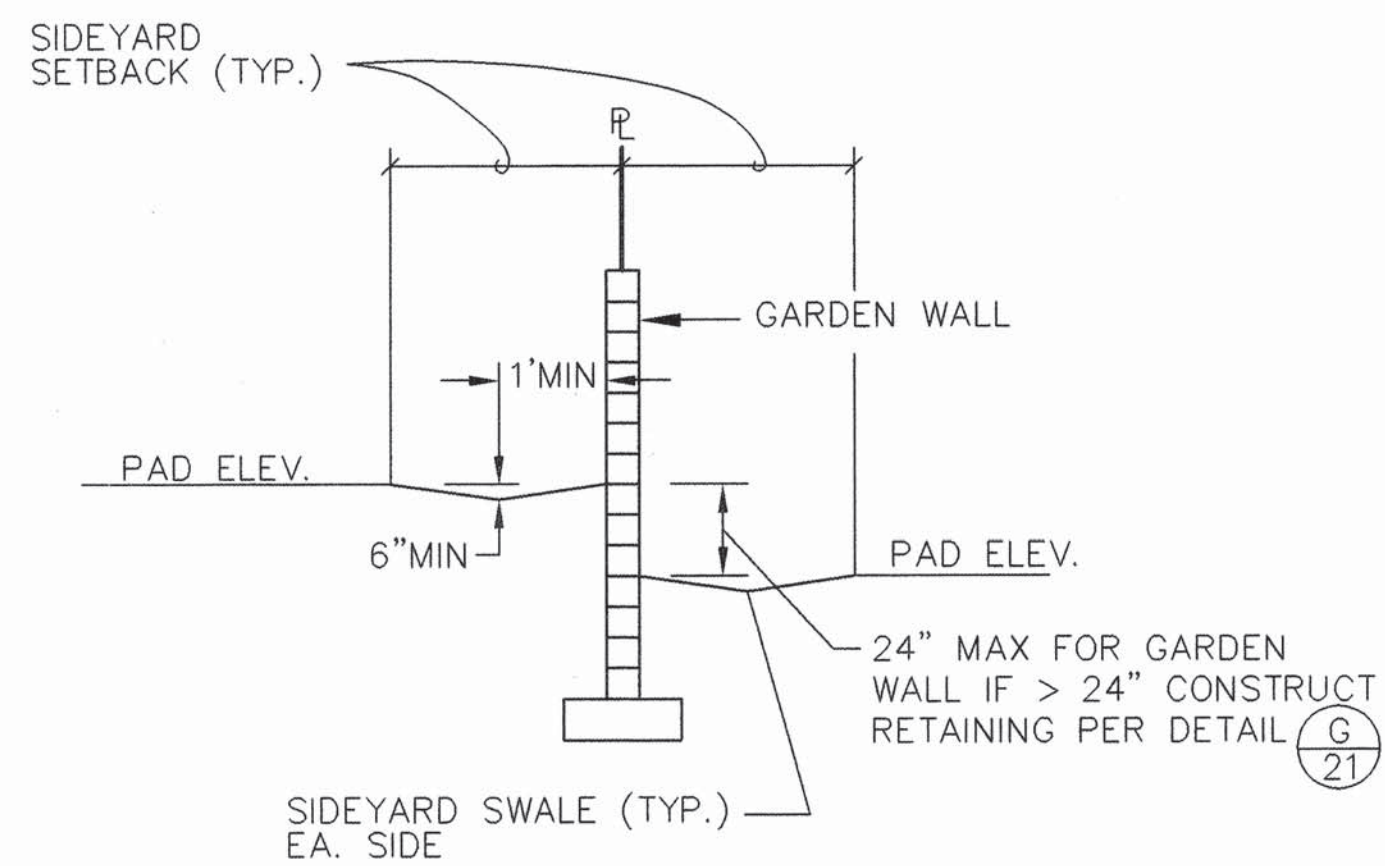
TYPICAL LOT GRADING DETAIL **A**
NTS **22**



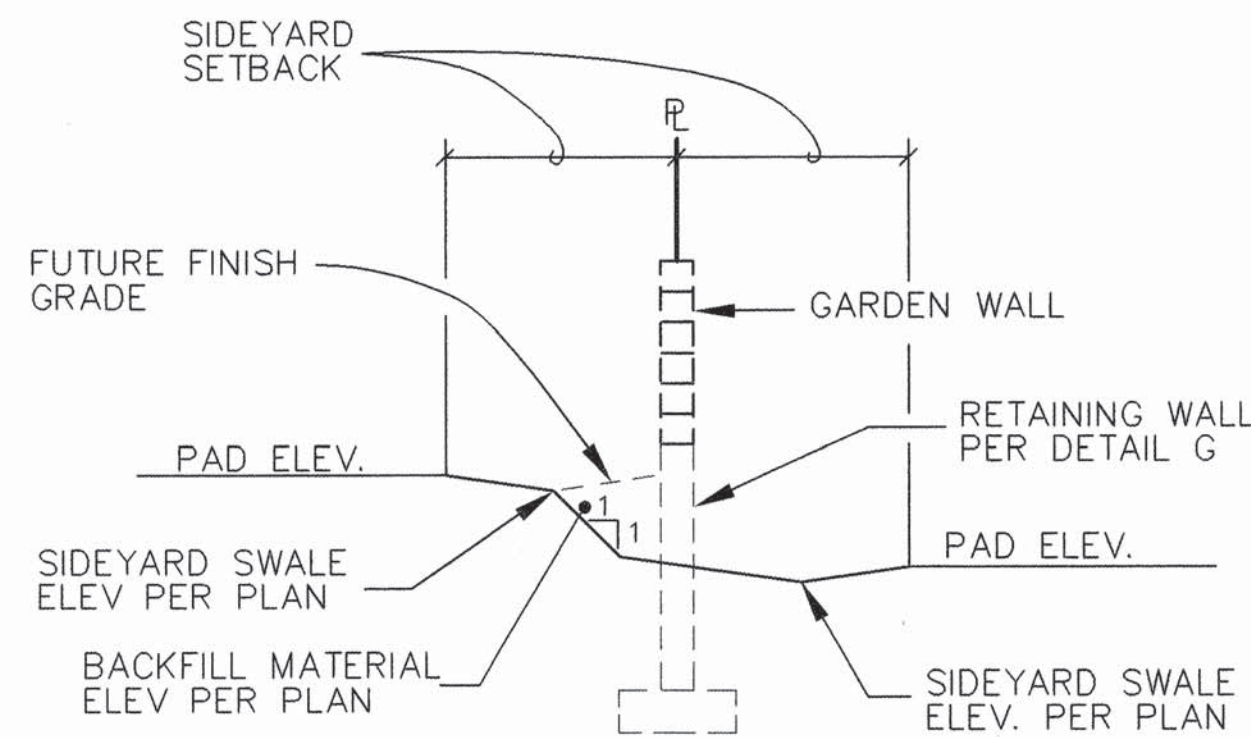
TYPICAL LOT GRADING DETAIL **B**
NTS **22**



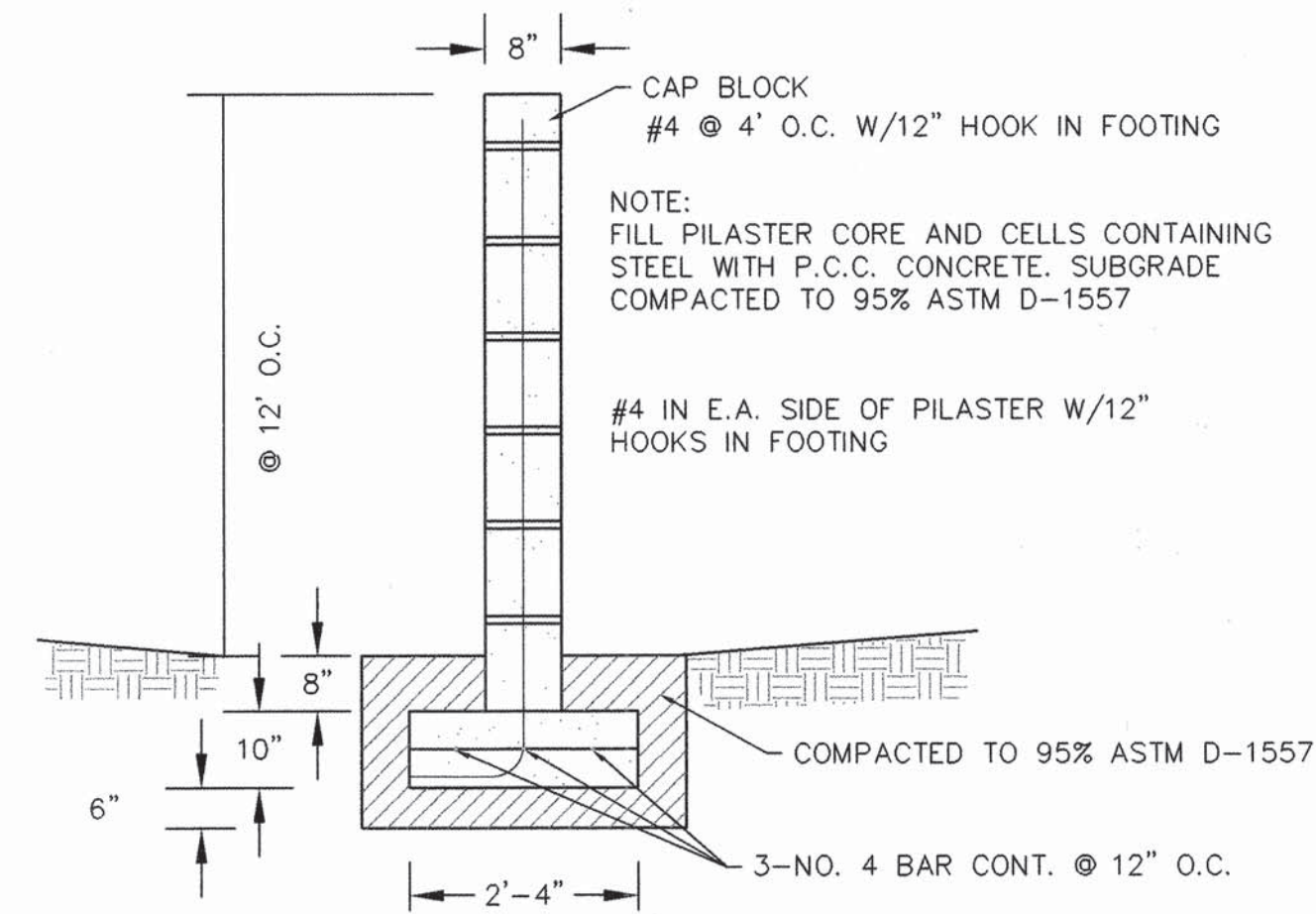
TYPICAL LOT GRADING DETAIL **C**
NTS **22**



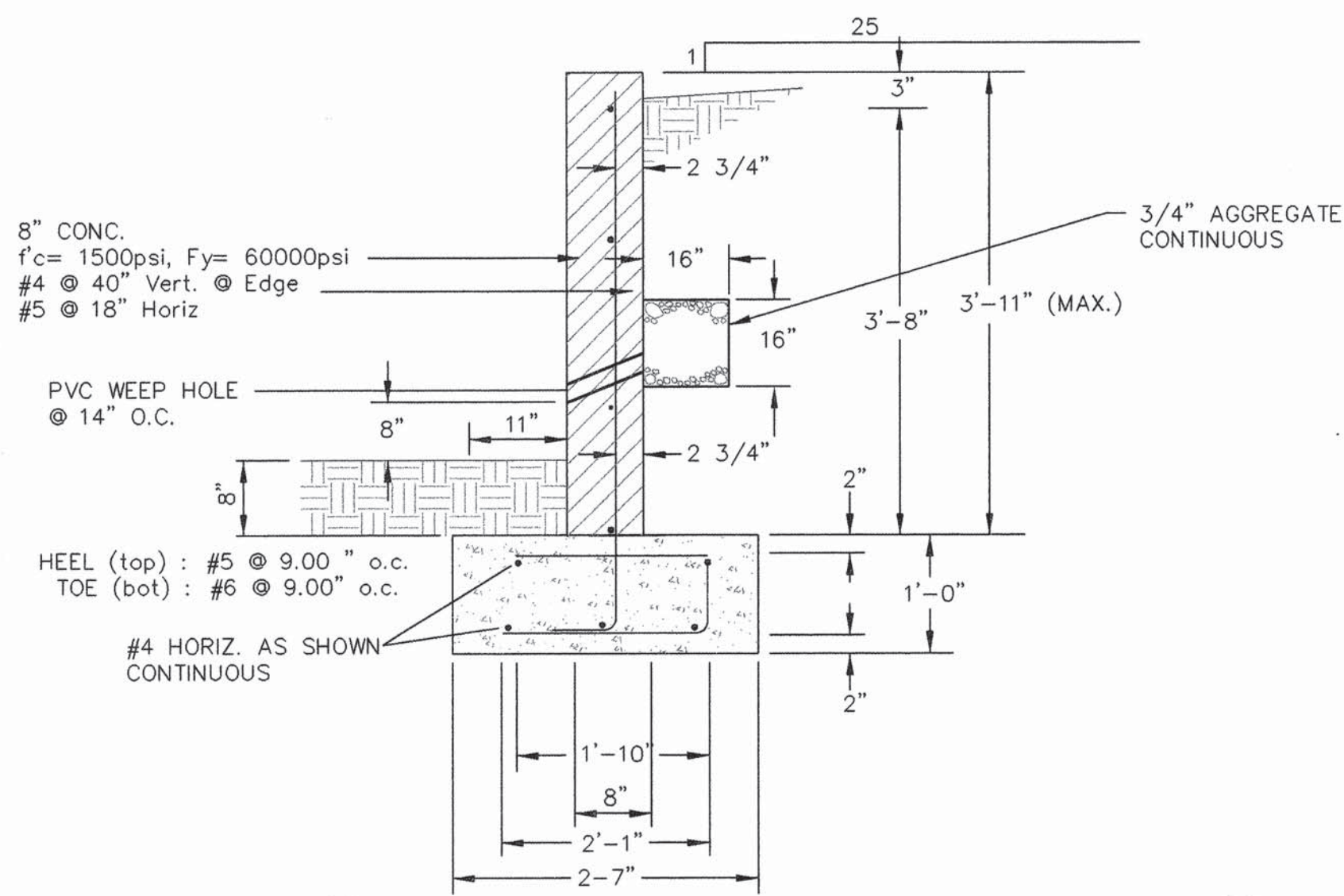
SIDEYARD GRADING DETAIL **D**
NTS **22**



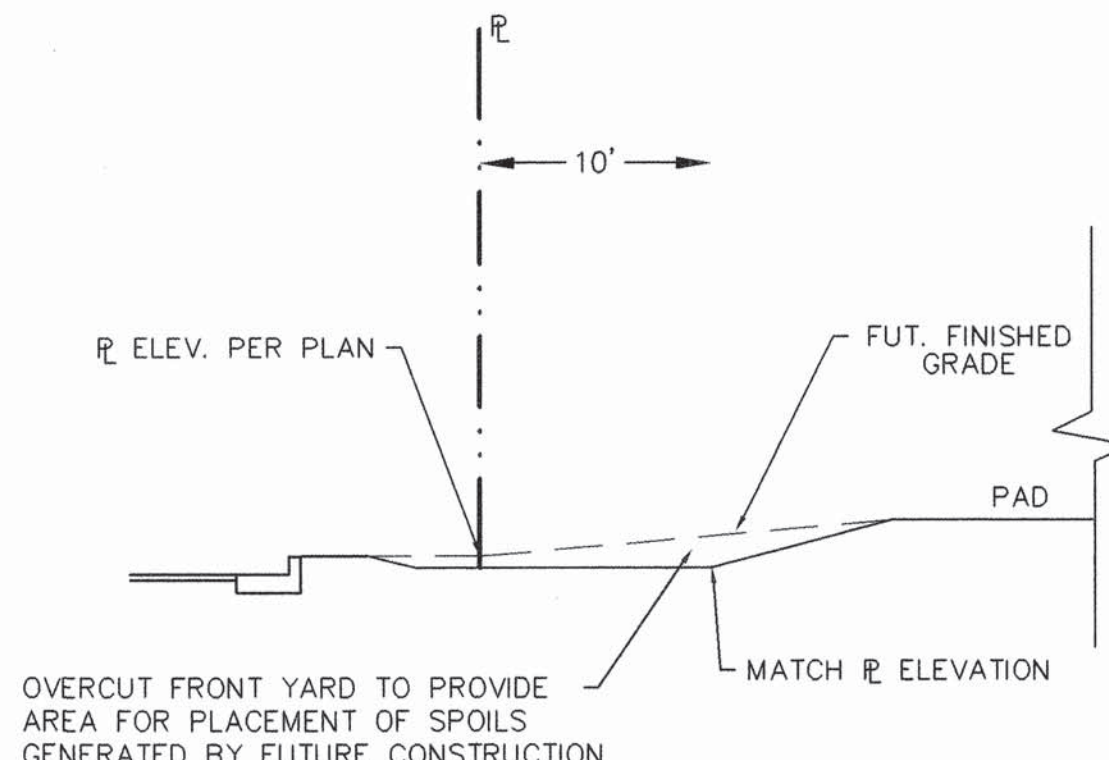
SIDEYARD GRADING AT RETAINING WALLS DETAIL **E**
NTS **22**



CMU WALL DETAIL **F**
NTS **22**



RETAINING WALL **G**
NTS **22**



TYPICAL FRONTYARD GRADING DETAIL **H**
NTS **22**

26 6557.81 2204

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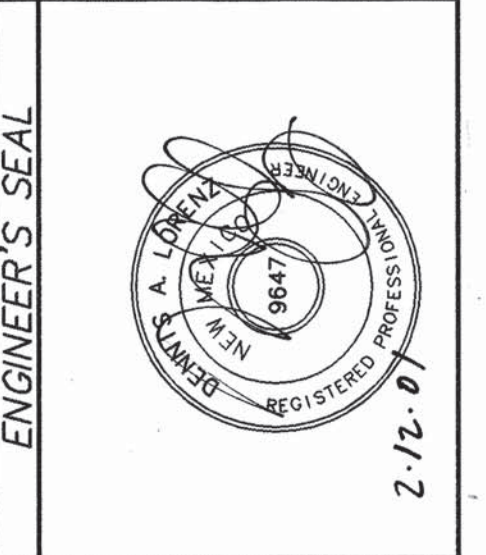
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
GRADING DETAILS

DESIGN REVIEW COMMITTEE
CITY ENGINEER
JUN 13 2001

City Project No. 655781 Zone Map No. K-9 Sheet 22 Of 24

AS BUILT INFORMATION			
CONTRACTOR	DATE	INSPECTOR	DATE
REVISIONS	DATE	REVISIONS	DATE
NO.	DATE	NO.	DATE
BENCH MARKS			
ACCS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST	DATE	ACCS 10-K10 ACS 3 1/4" ALUM CAP 54" EAST	DATE
CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	DATE	CENTERLINE OF UNSER BLVD. AND 20.4' SOUTH OF	DATE
NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	DATE	NORTH END OF BACK OF CURB OF TRAFFIC ISLAND ON	DATE
LOS VOLCANES RD. THE STATION IS SET FLUSH	DATE	LOS VOLCANES RD. THE STATION IS SET FLUSH	DATE
IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"	DATE	IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989"	DATE
ELEVATION = 5142.79 FEET	DATE	ELEVATION = 5142.79 FEET	DATE
MICRO-FILM INFORMATION			
NO.	DATE	NO.	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	DATE

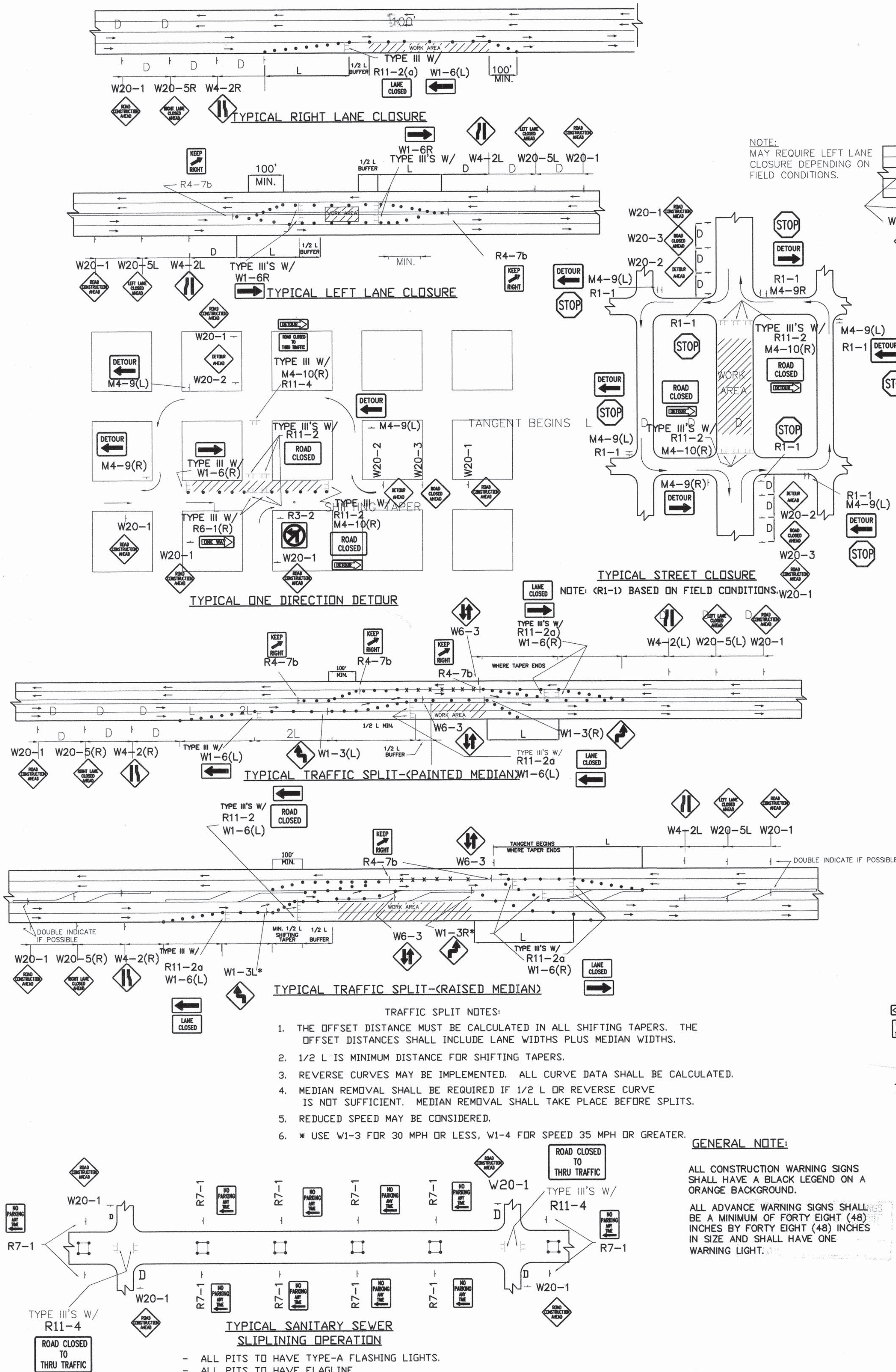


REVISIONS	
NO.	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

SCANNED BY
MESA REPRO

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MESA REPRO

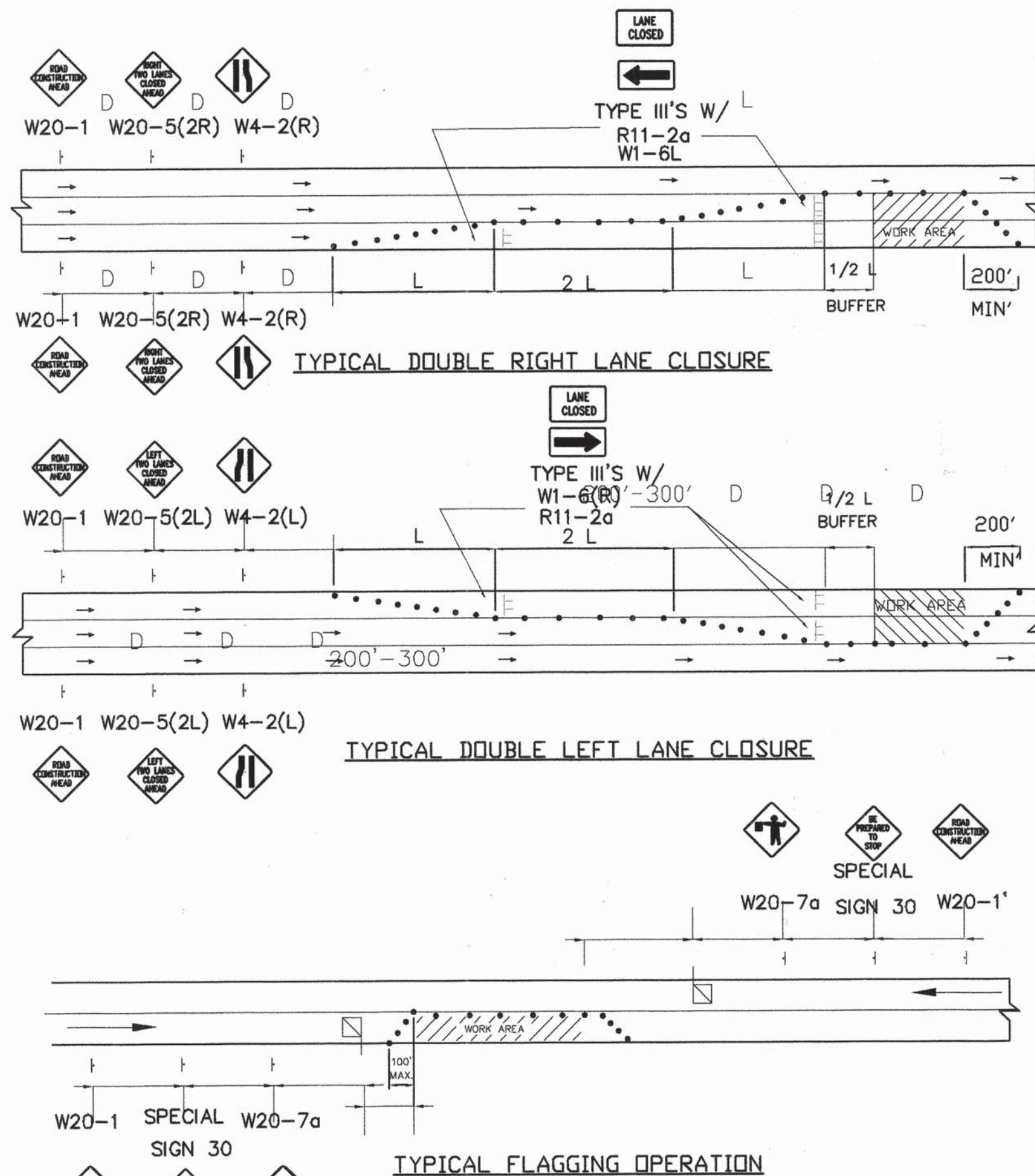


NOTE:
MAY REQUIRE LEFT LANE
CLOSURE DEPENDING ON
FIELD CONDITIONS.

TYPICAL LANE CLOSURE AT INTERSECTION
NOTE: DEPENDING ON WORK ZONE LOCATION

TYPICAL MID-BLOCK CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

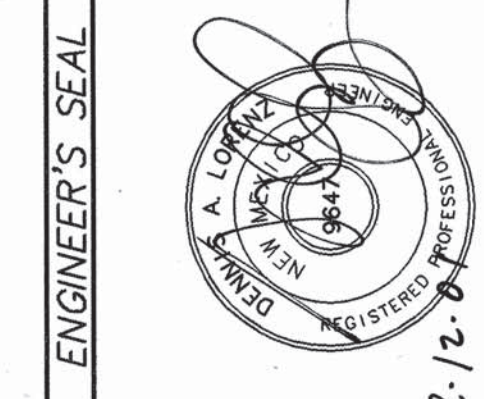
TYPICAL STREET CLOSURE
NOTE: (R1-1) BASED ON FIELD CONDITIONS.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP
TITLE: AVALON SUBDIVISION, UNIT 3B
TRAFFIC CONTROL DETAILS

Design Review Committee	City Engineer Approval	Mo/Day/Yr.	Mo/Day/Yr.
COA	STD		
City Project No.	Zone Map No.	Sheet	Of
655781	K-9	24	24

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	DATE	WORK	DATE	FIELD NOTES	NO.
INSPECTOR	DATE	ACCEPTANCE BY	DATE	BY	
VERIFICATION BY	DATE	VERIFICATION BY	DATE		
CONTRACTOR	DATE	CONTRACTOR	DATE		
RECORDED BY	DATE	RECORDED BY	DATE		
MICRO-FILM INFORMATION					
IN THE TOP OF CURB AND IS STAMPED "10-K10, 1989."					
ELEVATION = 5142.79 FEET					



REVISIONS	BY	DATE
DESIGN		02/2001
REVISIONS		02/2001
DESIGN		02/2001

DESIGNED BY	DATE
D.A.L.	02/2001
DRAWN BY	DATE
L.A.N.	02/2001
CHECKED BY	DATE
D.A.L.	02/2001

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 6557.81 2404

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