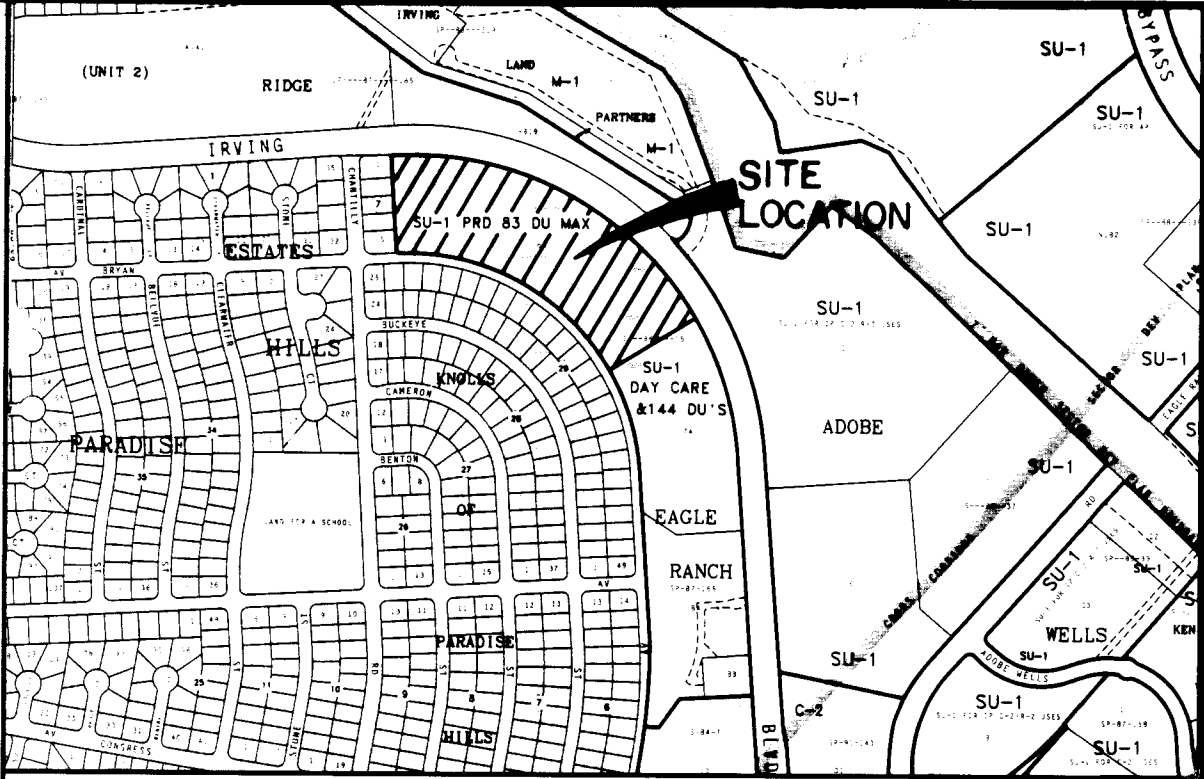


CONSTRUCTION PLANS
FOR
CACTUS POINTE SUBDIVISION

ALBUQUERQUE, NEW MEXICO



VICINITY MAP
NOT TO SCALE
8-13-2

NOTICE TO CONTRACTORS

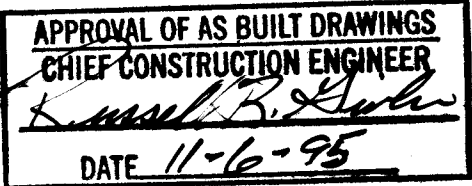
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (THROUGH UPDATE #4), AND NEW MEXICO UTILITIES, INC. SPECIFICATIONS FOR WATER & WASTEWATER FACILITIES.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- THE CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES, INC. (898-2661) THREE WORKING DAYS PRIOR TO BEGINNING THE CONSTRUCTION OF THE UTILITIES.
- 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYING SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL STANDARD SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

INDEX	
SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	PLAT
3	GRADING AND DRAINAGE PLAN
4	PAVING PLAN
5	PAVING PLAN AND PROFILE BRYAN AVENUE
6	BRYAN AVE.-DESERT VIEW DR.
7	CACTUS POINTE DR.-PRAIRIE HILL PL.
8	PRAIRIE HILL PLACE
9	UTILITY PLAN
10	UTILITY PLAN AND PROFILE BRYAN AVENUE
11	BRYAN AVE.-DESERT VIEW DR.
12	CACTUS POINTE DR.-PRAIRIE HILL PL.
13	PRAIRIE HILL PLACE
14	STORM DRAIN PLAN AND PROFILE BRYAN AVENUE
15	BRYAN AVE.-DESERT VIEW DR.
16	PRAIRIE HILL PLACE
17	STORM DRAIN OUTFALL
18	DETAILS

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

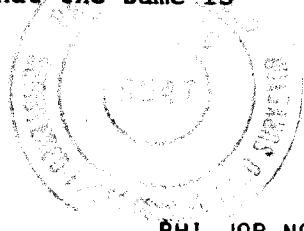


REV	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

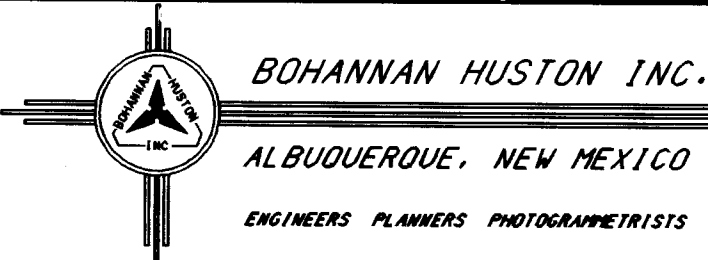
APPROVAL OF REVISIONS

I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
David C. Clausen N.M.L.S. # 6547



BH1 JOB NO. 93258.07



APPROVED FOR
CONSTRUCTION

C.E.

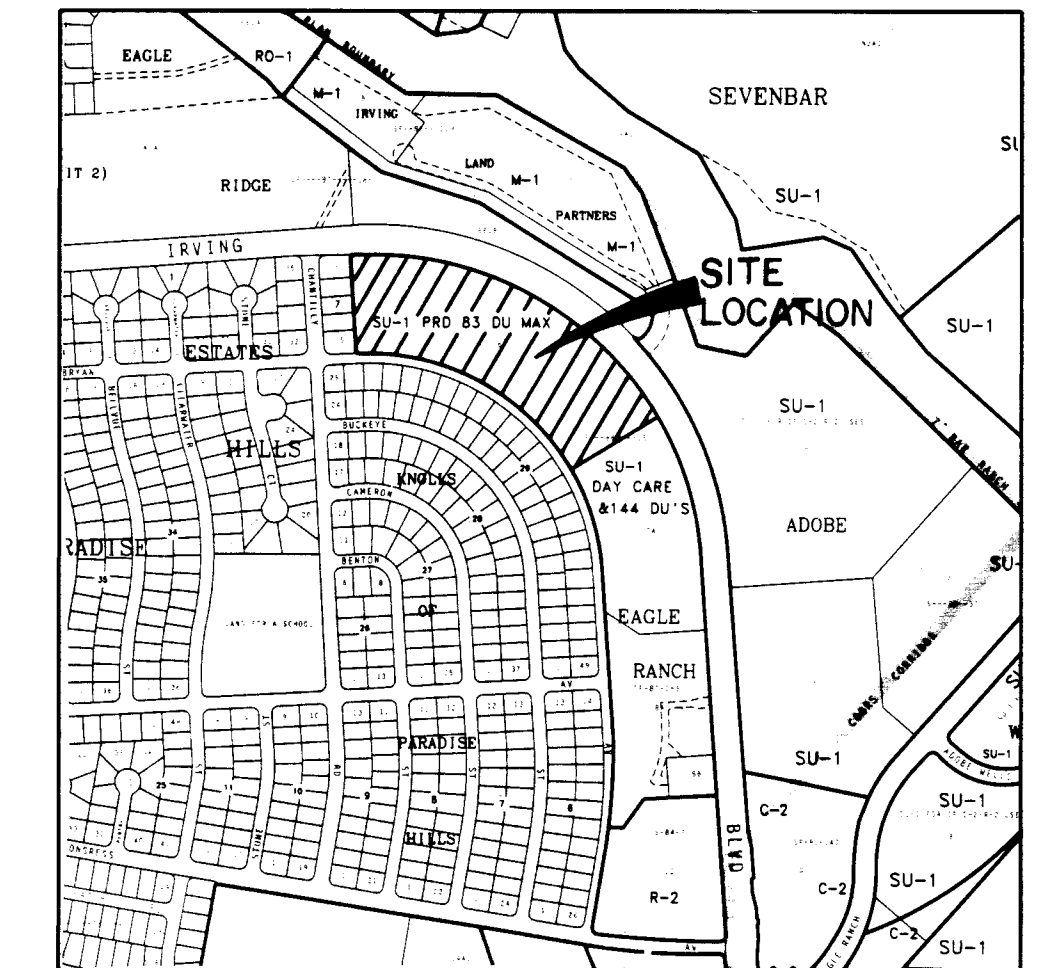
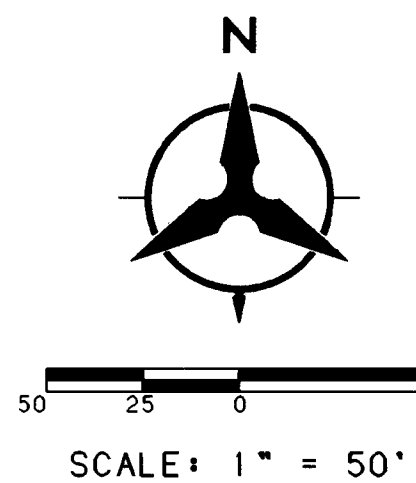
PROJECT NUMBER

5047.90

SHEET OF
01 18

SCANNED BY
BY LASON

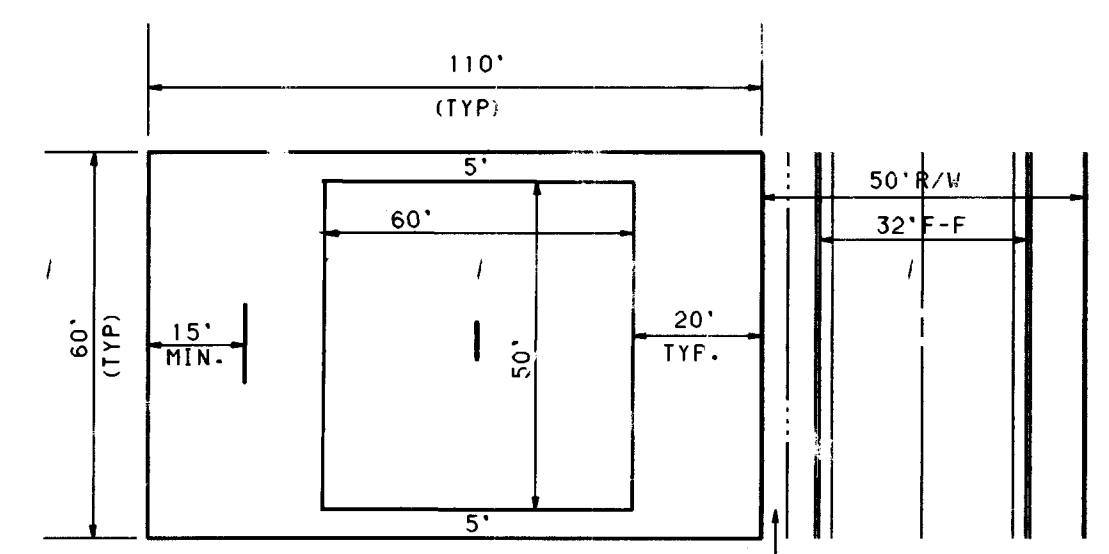
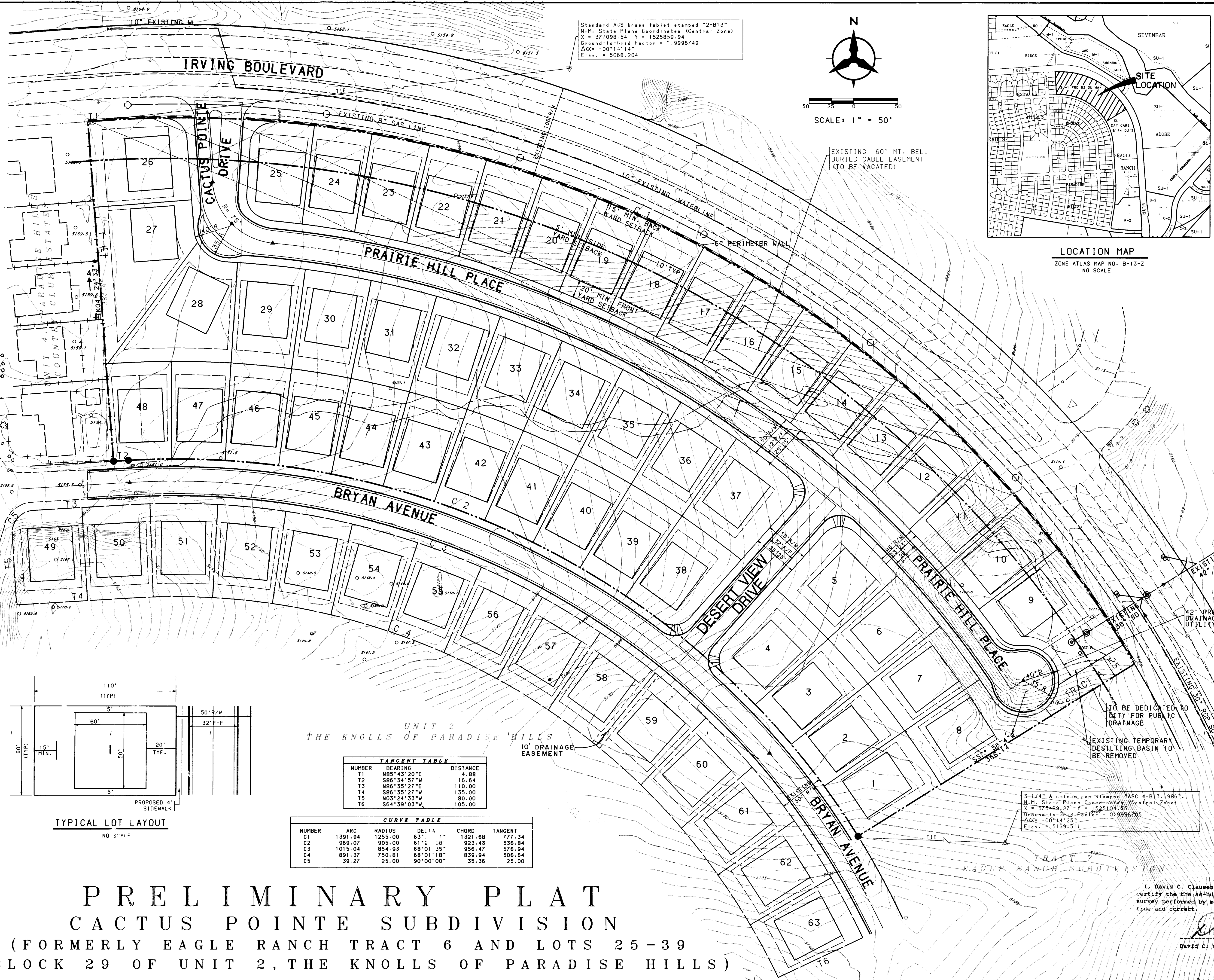
Standard AUS brass tablet stamped "2-B13"
N.M. State Plane Coordinates (Central Zone)
X = 377098.54 Y = 1525839.94
Ground-to-Grid Factor = 0.9996749
ΔGK = -00°14'14"
Elev. = 5068.204



LOCATION MAP
ZONE ATLAS MAP NO. B-13-2
NO SCALE

- GENERAL NOTES:
- EXISTING ZONING: SU-1
PROPOSED ZONING: RL
PROPOSED DEVELOPMENT: SINGLE FAMILY DETACHED RESIDENTIAL
 - TOTAL ACREAGE: 13.0190 ACRES
TOTAL NUMBER OF LOTS: 63 D.U.
PROPOSED DENSITY: 4.84 D.U./AC
 - MINIMUM LOT DIMENSIONS:
LOTS: 60' X 110'
MINIMUM LOT AREA: 6600 S.F.
 - ALL STREETS, UTILITIES AND DRAINAGE IMPROVEMENTS ARE TO BE PUBLIC, TO BE DEDICATED FOR MAINTENANCE TO THE CITY OF ALBUQUERQUE.
 - NO INDIVIDUAL LOTS SHALL BE ALLOWED DIRECT ACCESS TO IRVING BOULEVARD
- David C. Clausen* 8/9/94
SANDIA PROPERTIES, OWNER DATE

- SURVEY NOTES:
- ALL BOUNDARY CORNERS SHOWN (●) HAVE BEEN MARKED BY A 5/8" REBAR WITH A PLASTIC CAP STAMPED "P.L.S. 5978".
 - ALL BOUNDARY CORNERS SHOWN (○) HAVE BEEN MARKED BY A 1/2" REBAR WITH A PLASTIC CAP STAMPED "L.S. 4078".
 - ALL STREET CENTERLINE POINTS SHOWN (▲) WILL BE MARKED BY A 4" ALUMINUM DISK STAMPED "P.L.S. 6544".
 - THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
 - BASIS OF BEARINGS WILL BE NMSP GRID BEARINGS.
 - DISTANCES SHALL BE GROUND DISTANCES.
 - MONUMENTS WILL BE OFFSET AT ALL POINTS OF CURVATURE, POINTS OF TANGENCY, STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS IF REQUIRED TO AVOID SEWER MANHOLES.
- APPROVED FOR MONUMENTATION AND STREET NAMES
David C. Clausen 080994
CITY SURVEYOR DATE



TYPICAL LOT LAYOUT
NO. 30 A.F.

UNIT 2
THE KNOLLS OF PARADISE HILLS

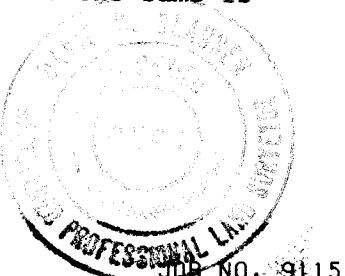
TANGENT TABLE			
NUMBER	BEARING	RADIUS	DISTANCE
T1	N85°43'20"E	4.88	
T2	S86°34'57"W	16.64	
T3	N86°35'27"E	110.00	
T4	S86°35'27"W	135.00	
T5	N03°24'33"W	80.00	
T6	S64°39'03"W	105.00	

CURVE TABLE				
NUMBER	ARC	RADIUS	DELTA	CHORD
C1	1391.94	1255.00	63°	1321.68
C2	969.07	905.00	61°	923.43
C3	1015.04	854.93	68°01'35"	956.47
C4	891.37	750.81	68°01'18"	839.94
C5	39.27	25.00	90°00'00"	35.36

PRELIMINARY PLAT
CACTUS POINTE SUBDIVISION
(FORMERLY EAGLE RANCH TRACT 6 AND LOTS 25-39
BLOCK 29 OF UNIT 2, THE KNOLLS OF PARADISE HILLS)
ALBUQUERQUE, NEW MEXICO
JUNE 1994

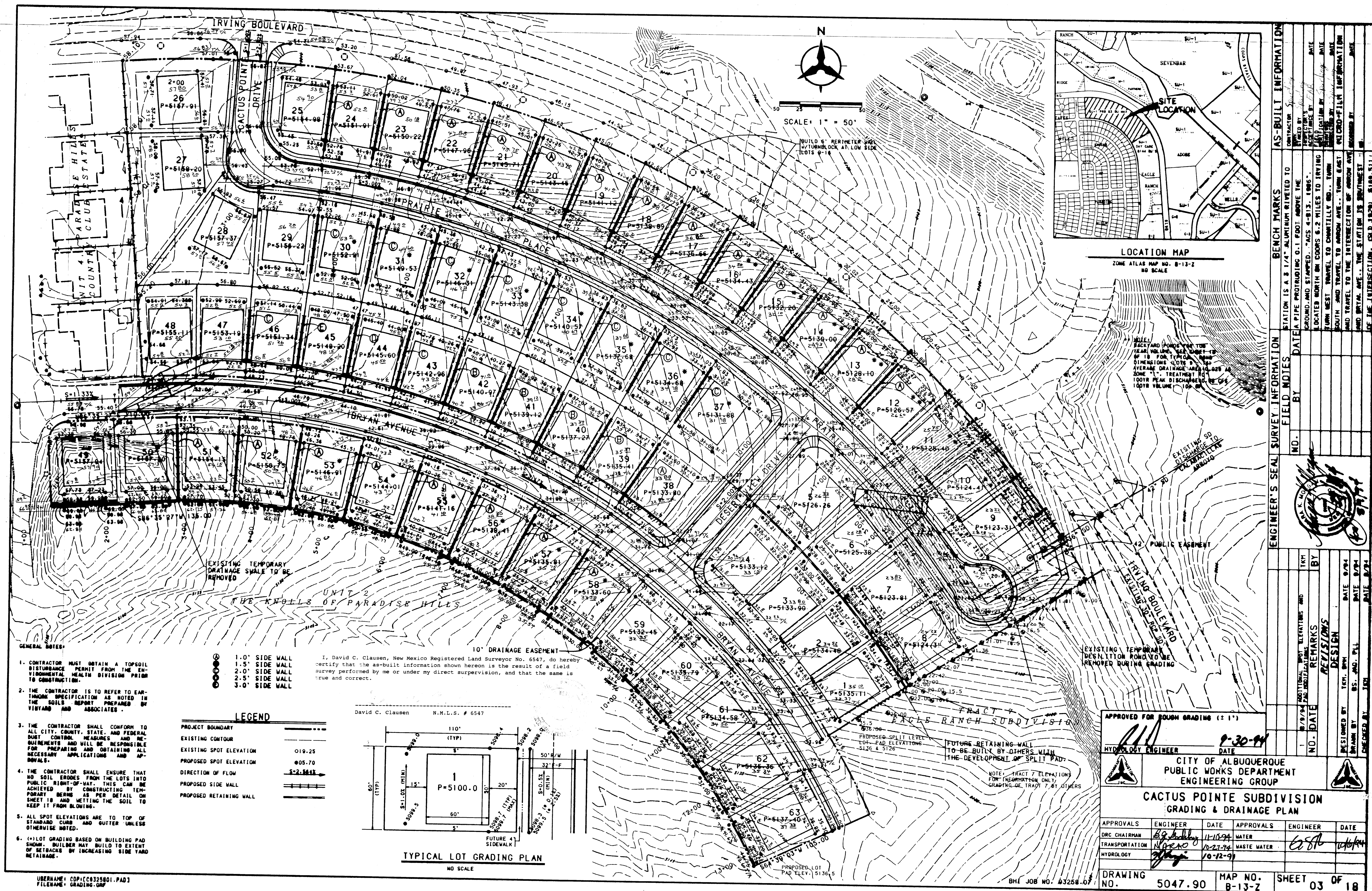
I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

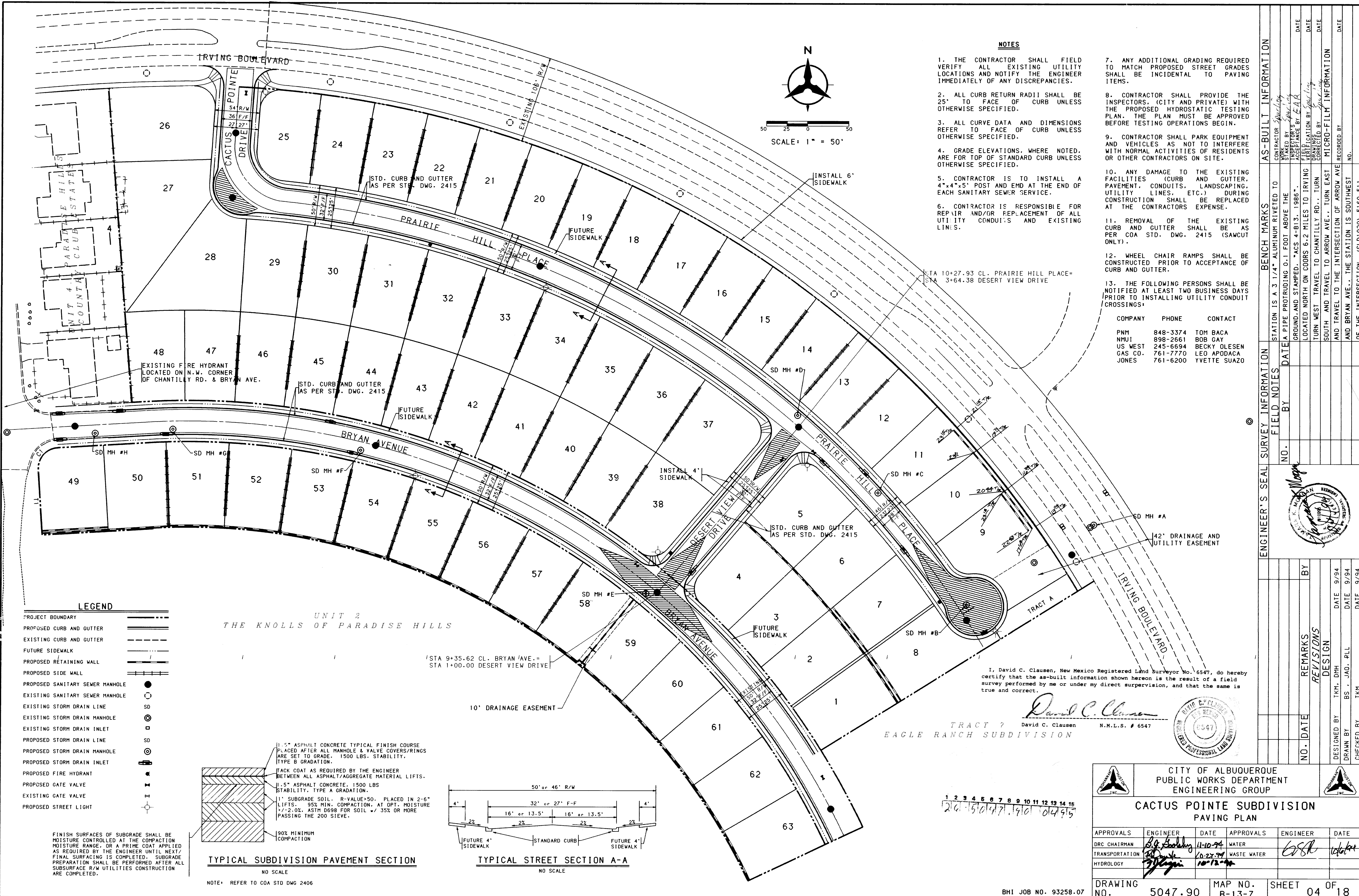
David C. Clausen
David C. Clausen N.M.L.S. # 6547



SCANNED BY
BYLASON



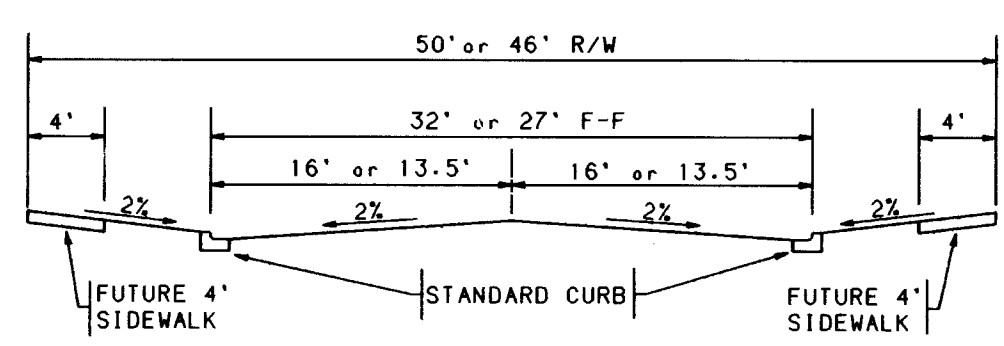
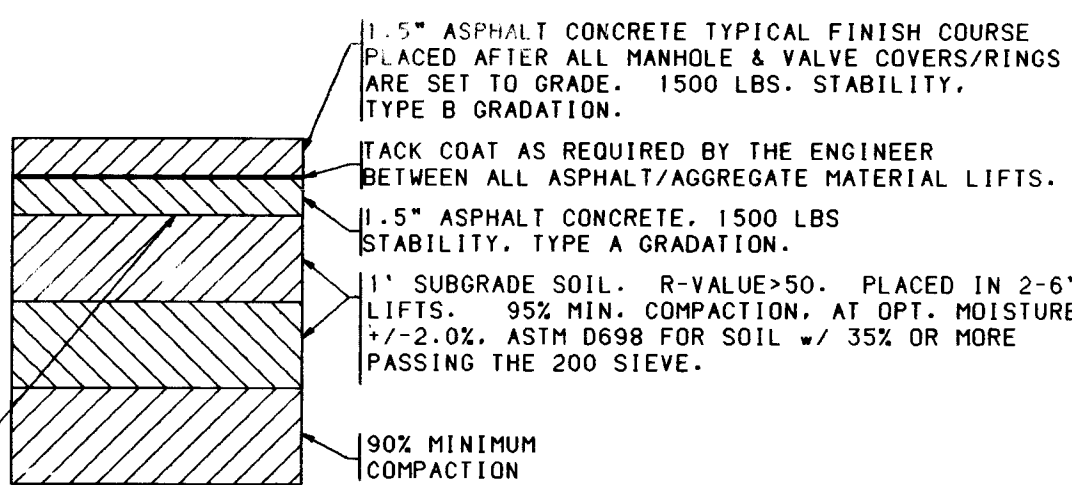




- NOTES**
- 1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 - 2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 - 5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
 - 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 - 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 - 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 - 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 - 10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
 - 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 - 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
 - 13. THE FOLLOWING PERSONS SHALL BE NOTIFIED AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLING UTILITY CONDUIT CROSSINGS:

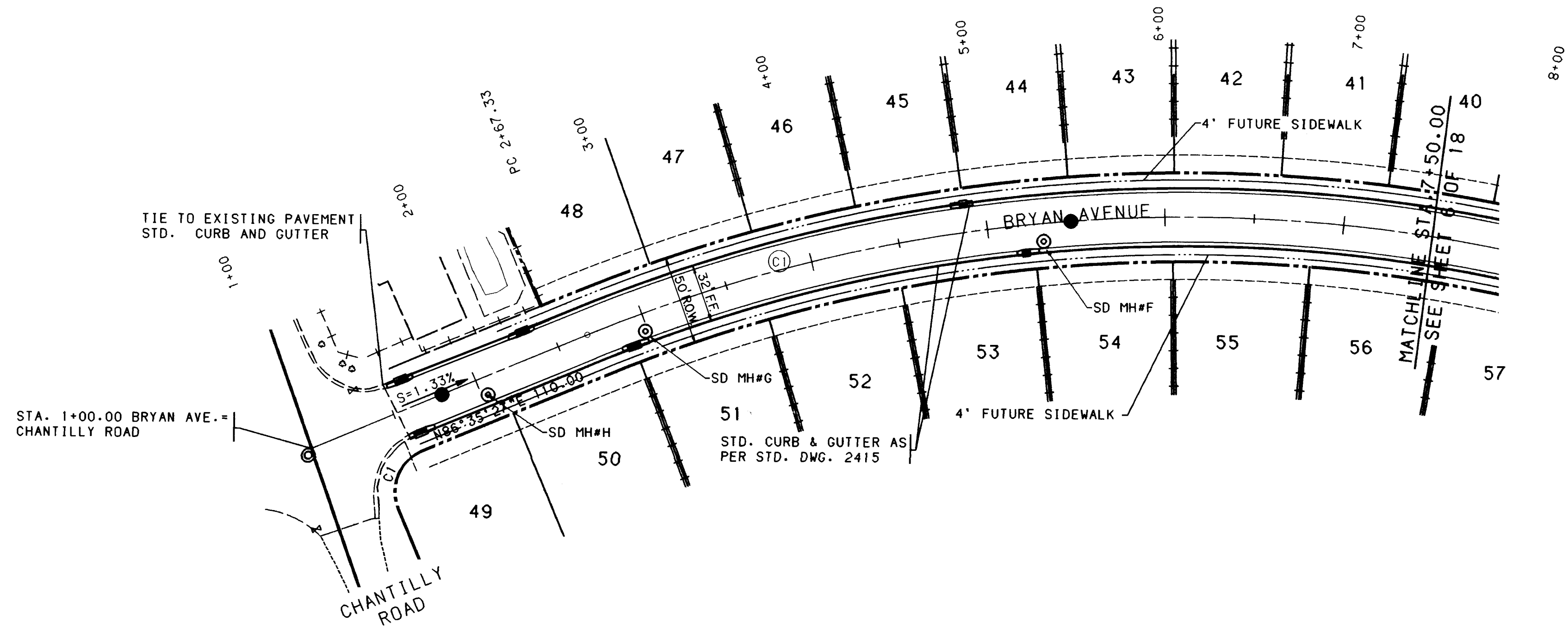
COMPANY	PHONE	CONTACT
PNM	848-3374	TOM BACA
NMUI	898-2661	BOB GAY
US WEST	245-6694	BECKY OLESEN
GAS CO.	761-7770	LEO APODACA
JONES	761-6200	YVETTE SUAZO

- LEGEND**
- PROJECT BOUNDARY
 - PROPOSED CURB AND GUTTER
 - EXISTING CURB AND GUTTER
 - FUTURE SIDEWALK
 - PROPOSED RETAINING WALL
 - PROPOSED SIDE WALL
 - PROPOSED SANITARY SEWER MANHOLE
 - EXISTING SANITARY SEWER MANHOLE
 - EXISTING STORM DRAIN LINE
 - EXISTING STORM DRAIN MANHOLE
 - EXISTING STORM DRAIN INLET
 - PROPOSED STORM DRAIN LINE
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN INLET
 - PROPOSED FIRE HYDRANT
 - PROPOSED GATE VALVE
 - EXISTING GATE VALVE
 - PROPOSED STREET LIGHT

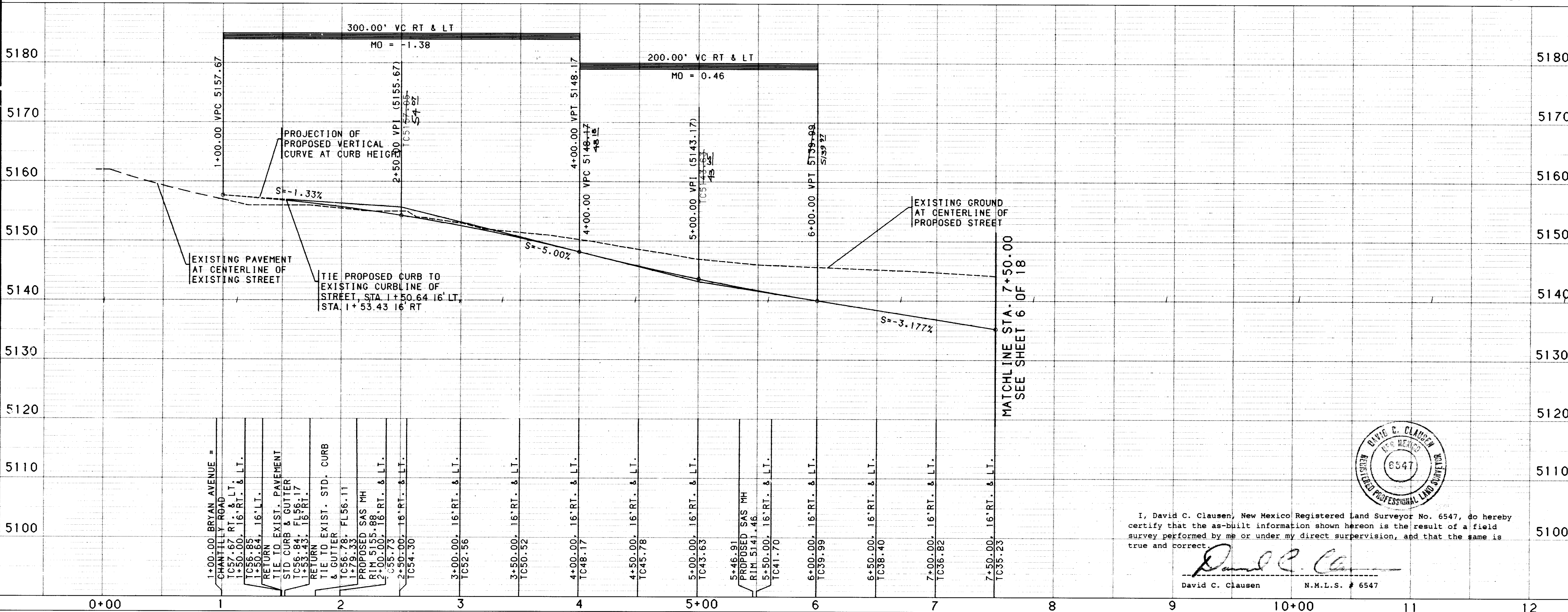
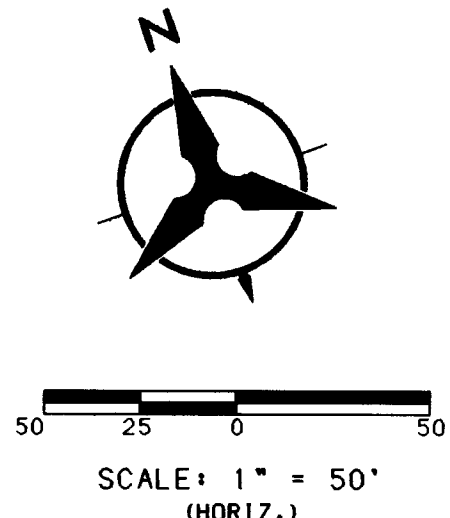


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
CACTUS POINTE SUBDIVISION PAVING PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Bobbing	11-10-94	WATER	608A	10/11/94
TRANSPORTATION	10-27-94		WASTE WATER		
HYDROLOGY	10-12-94				
DRAWING NO.	5047.90	MAP NO.	B-13-Z	SHEET	04 OF 18

CENTERLINE CURVE TABLE						
CURVE	PI STA.	DELTA	SWEEP	TANGENT	LENGTH	RADIUS
C1	5+35.75	33° 55' 33.1"	6° 30' 39"	268.42'	521.06'	880.00'



BRYAN AVE.



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

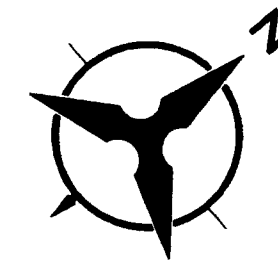
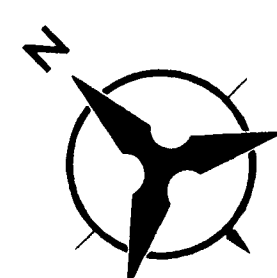
CACTUS POINTE SUBDIVISION
PAVING PLAN & PROFILE
BRYAN AVE. STA 1+00 - 7+50.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>[Signature]</i>	11-10-94	WATER	<i>[Signature]</i>	11-10-94
TRANSPORTATION	<i>[Signature]</i>	10-27-94	WASTE WATER	<i>[Signature]</i>	10-27-94
HYDROLOGY	<i>[Signature]</i>	10-27-94			

DRAWING NO. 5047.90

MAP NO. B-13-Z

SHEET 05 OF 18



TC	FL
1 31.24	30.57
2 30.74	30.74
3 31.58	30.91

D=229° 10' 59"
L=38.14'
R=25.00'

CENTERLINE CURVE TABLE							
CURVE	PI	STA.	DELTA	SWEEP	TANGENT	LENGTH	RADIUS
C1	10+41.04	36° 36' 04.5"	6° 30' 39"	291.04'	562.16'	880.00'	

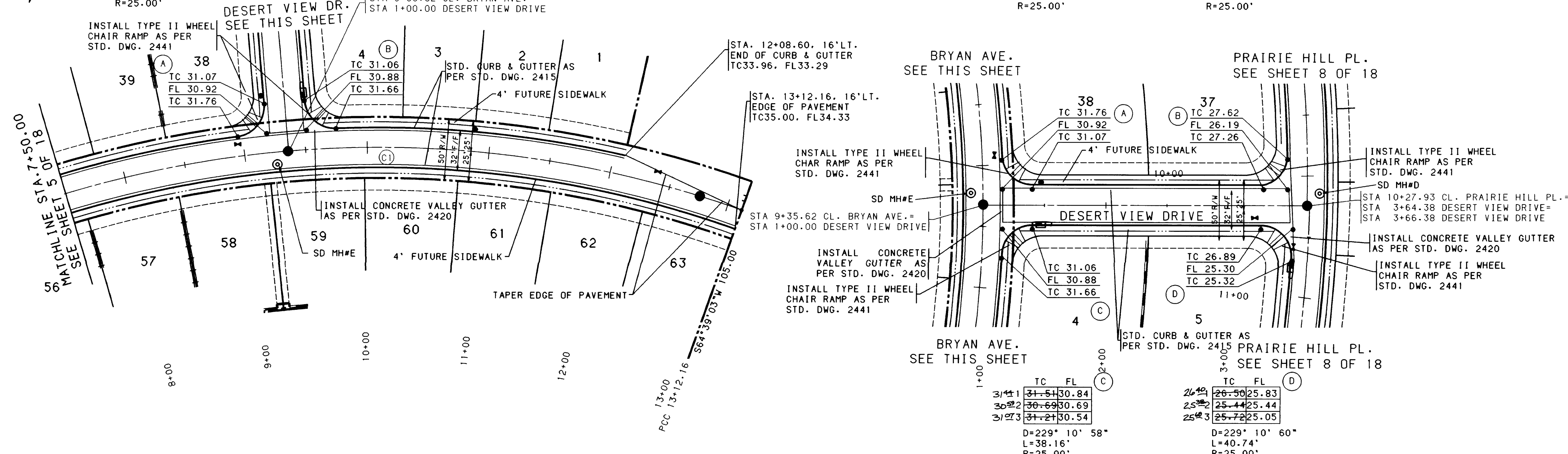
D=229° 10' 58"
L=38.16'
R=25.00'

TC	FL
1 31.24	30.57
2 30.74	30.74
3 31.58	30.91

D=229° 10' 59"
L=38.14'
R=25.00'

TC	FL
1 27.53	26.86
2 26.77	26.77
3 27.35	26.68

D=229° 10' 59"
L=34.09'
R=25.00'

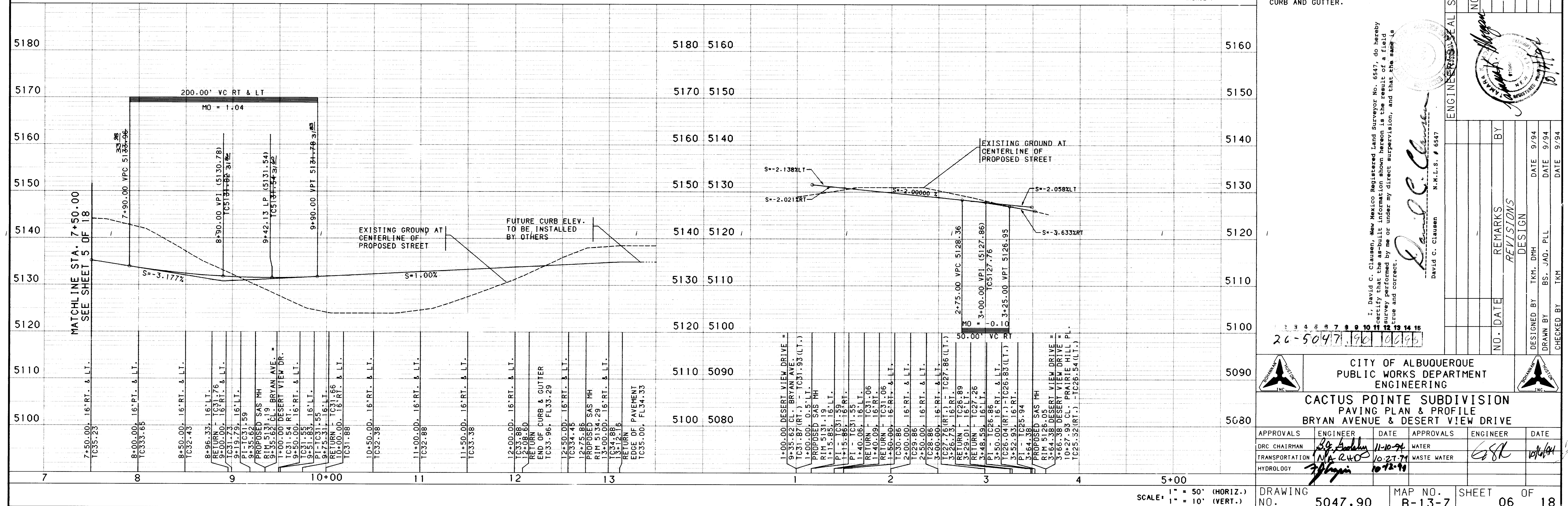


- NOTES**
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 2. ALL CURB RETURN RADI SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

SCALE: 1" = 50' (HORIZ.)

BRYAN AVE.

DESERT VIEW DR.



I, David C. Clauhen, New Mexico Registered Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clauhen
N.M.L.S. # 6547

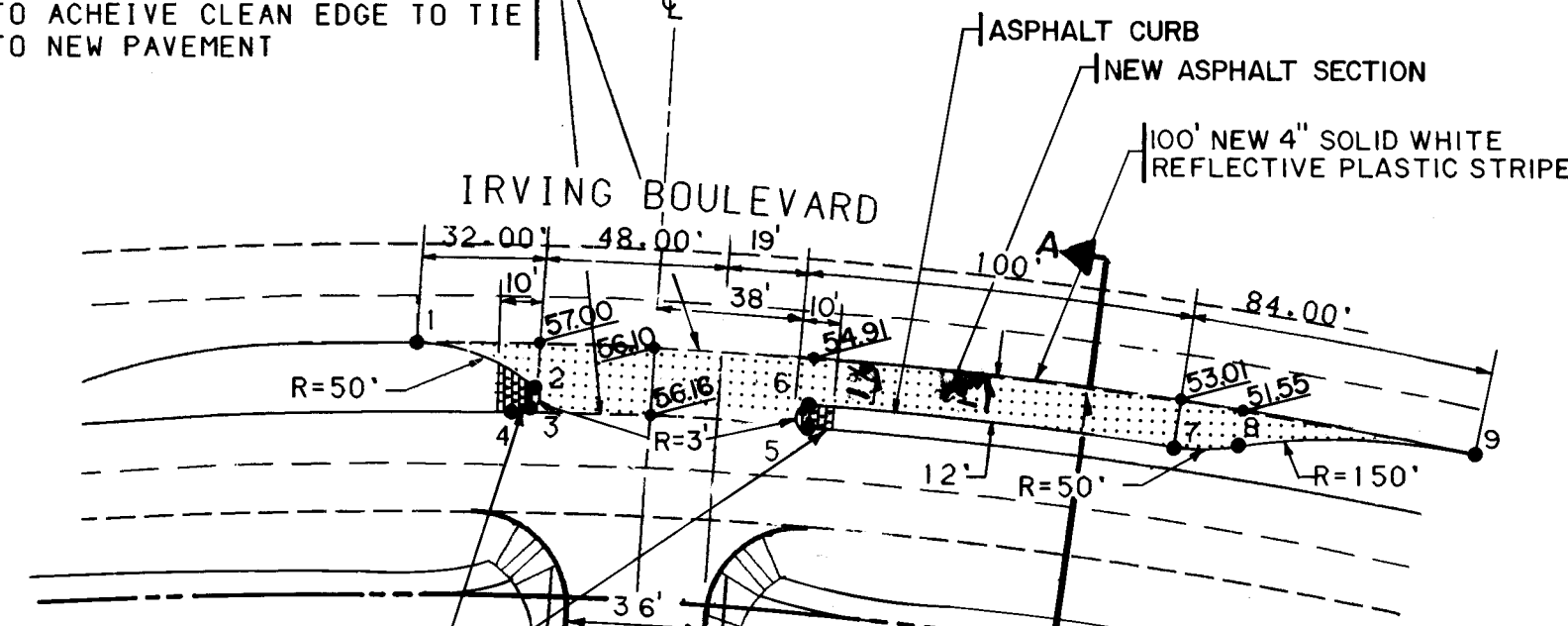
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING		
CACTUS POINTE SUBDIVISION PAVING PLAN & PROFILE BRYAN AVENUE & DESERT VIEW DRIVE		
APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	11-10-94	WATER
TRANSPORTATION	10-27-94	WASTE WATER
HYDROLOGY	10-27-94	
DRAWING NO.	5047.90	MAP NO. B-13-Z
		SHEET 06 OF 18

REMOVE EXISTING MEDIAN CURB AS SHOWN. SAW CUT EXISTING ASPHALT PAVEMENT AS REQUIRED TO ACHIEVE CLEAN EDGE TO TIE TO NEW PAVEMENT

SEE DETAIL A THIS SHEET

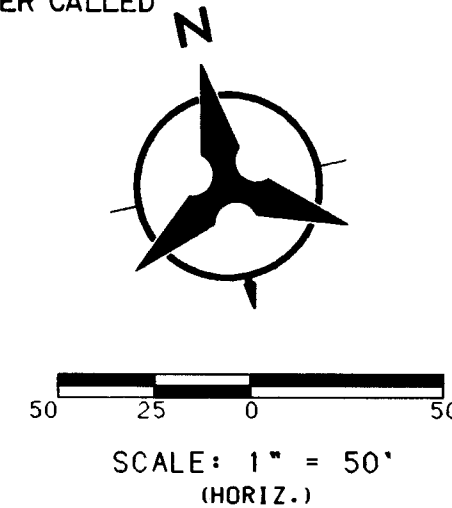
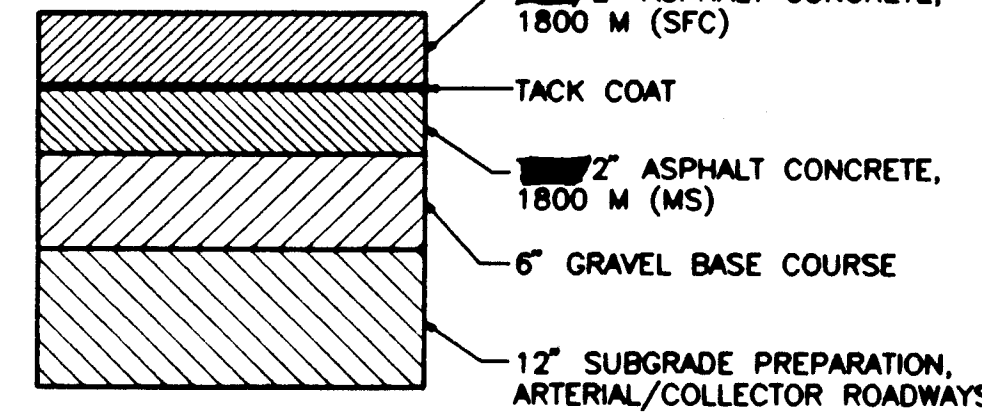
CENTERLINE CURVE TABLE						
CURVE	P1 STA.	DELTA	SWEEP	TANGENT	LENGTH	RADIUS
C1	2+87.37	79° 58' 33.9"	76° 23' 40"	62.91	104.69	75.00
C2	5+43.86	25° 28' 27.7"	5° 6' 56"	253.17	497.96	1120.00

REMOVE EXISTING MEDIAN CURB AS SHOWN. SAW CUT EXISTING ASPHALT PAVEMENT AS REQUIRED TO ACHIEVE CLEAN EDGE TO TIE TO NEW PAVEMENT



PT. STATION OFFSET (CL. CACTUS PT. DR.)			
1	0+97.67	62.52' RT	TC5157.468
2	1+07.38	30.86' RT	TC5157.78
3	1+12.81	31.79' RT	TC5157.84
4	1+14.13	36.61' RT	TC5156.87
5	1+12.72	41.00' LT	TC5155.76
6	1+06.72	40.98' LT	TC5155.70
7	1+10.84	137.87' LT	TC5153.80
8	1+09.36	154.29' LT	TC5152.32
9	1+07.04	216.46' LT	TC5151.36

NOTE: MATCHING PROPOSED CURB FLOWLINE TO EXISTING CURB OR PAVEMENT SHALL TAKE PRECEDENCE OVER CALLED ELEVATIONS.

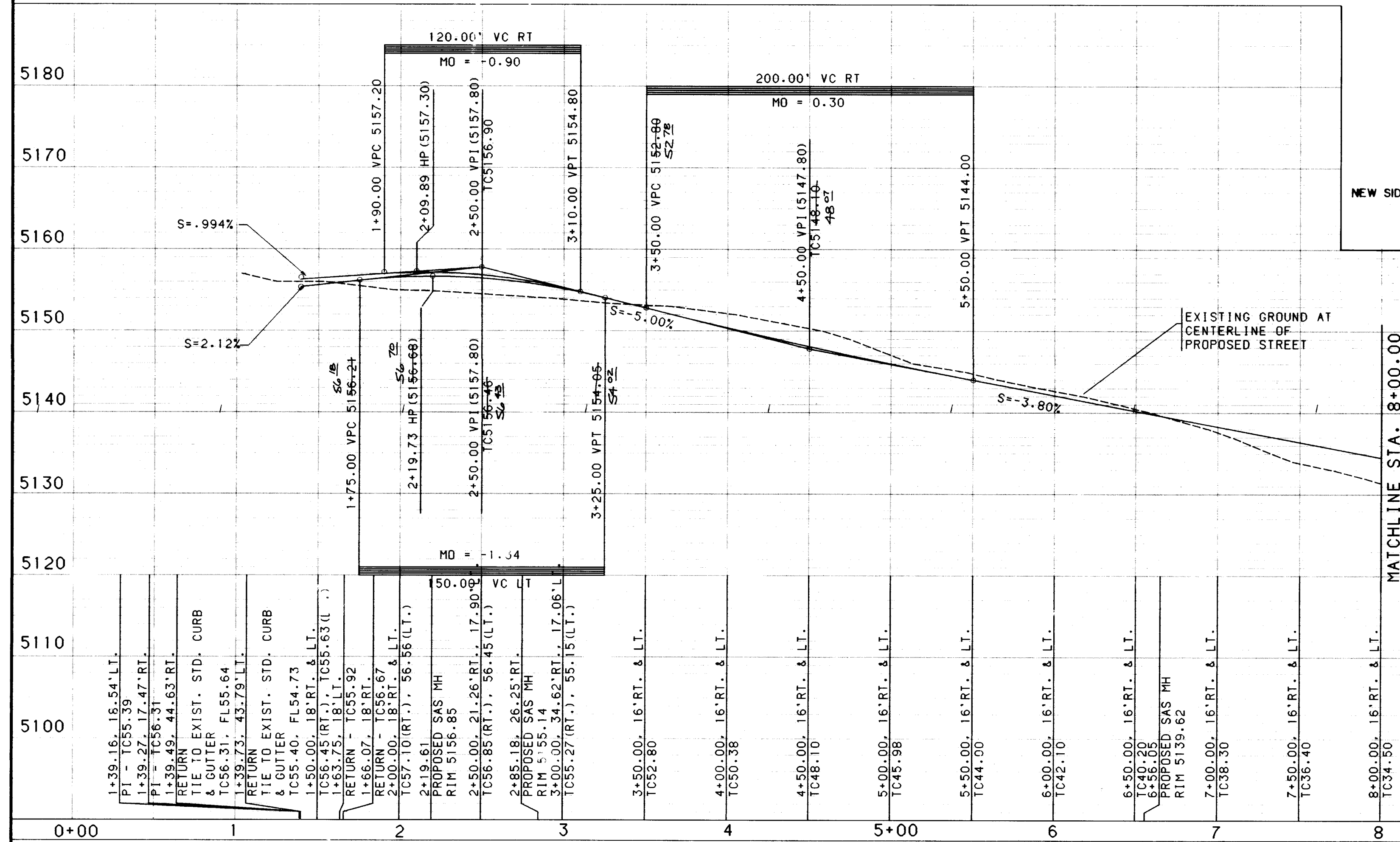
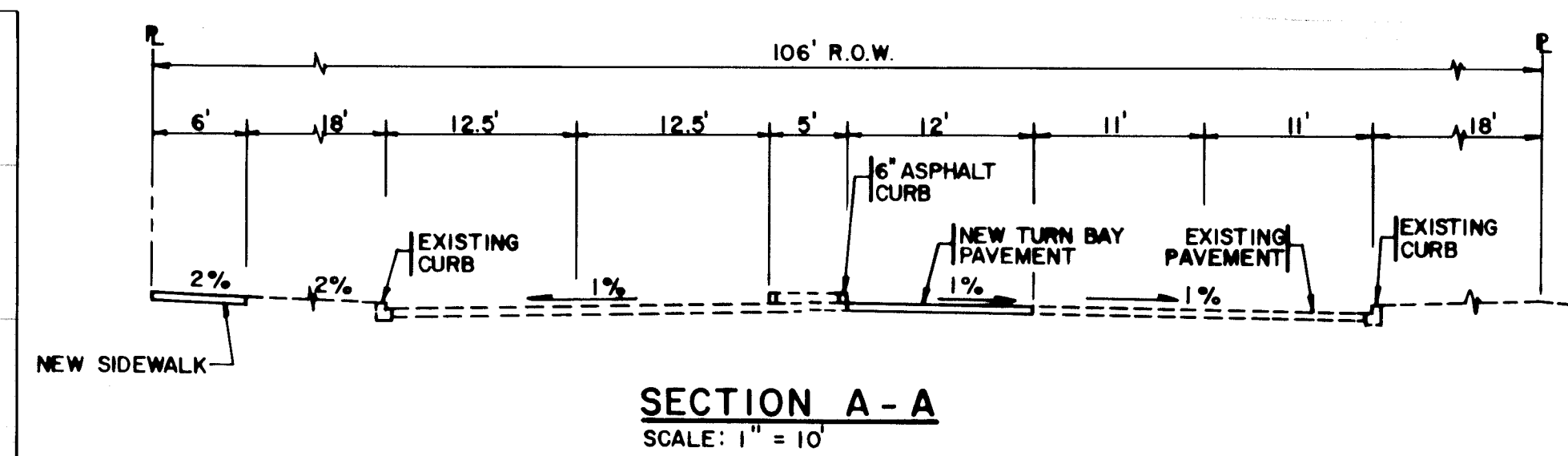


CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	55.10	3+06.49 26.62' RT	26°29'36"
2	55.60	2+97.87 36.54' RT	26°29'36"
3	56.04	2+88.28 41.86' RT	26°29'36"
4	56.40	2+78.37 42.15' RT	26°29'36"
5	56.63	2+68.70 37.41' RT	26°29'36"
6	56.77	2+59.93 27.99' RT	26°29'36"
R=35.00', L=16.18' (BETWEEN POINTS)			

CACTUS POINTE DR.

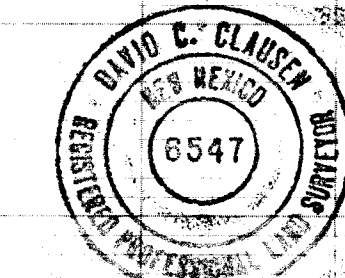
PRAIRIE HILL PL.

PAVEMENT SECTION
NO SCALE



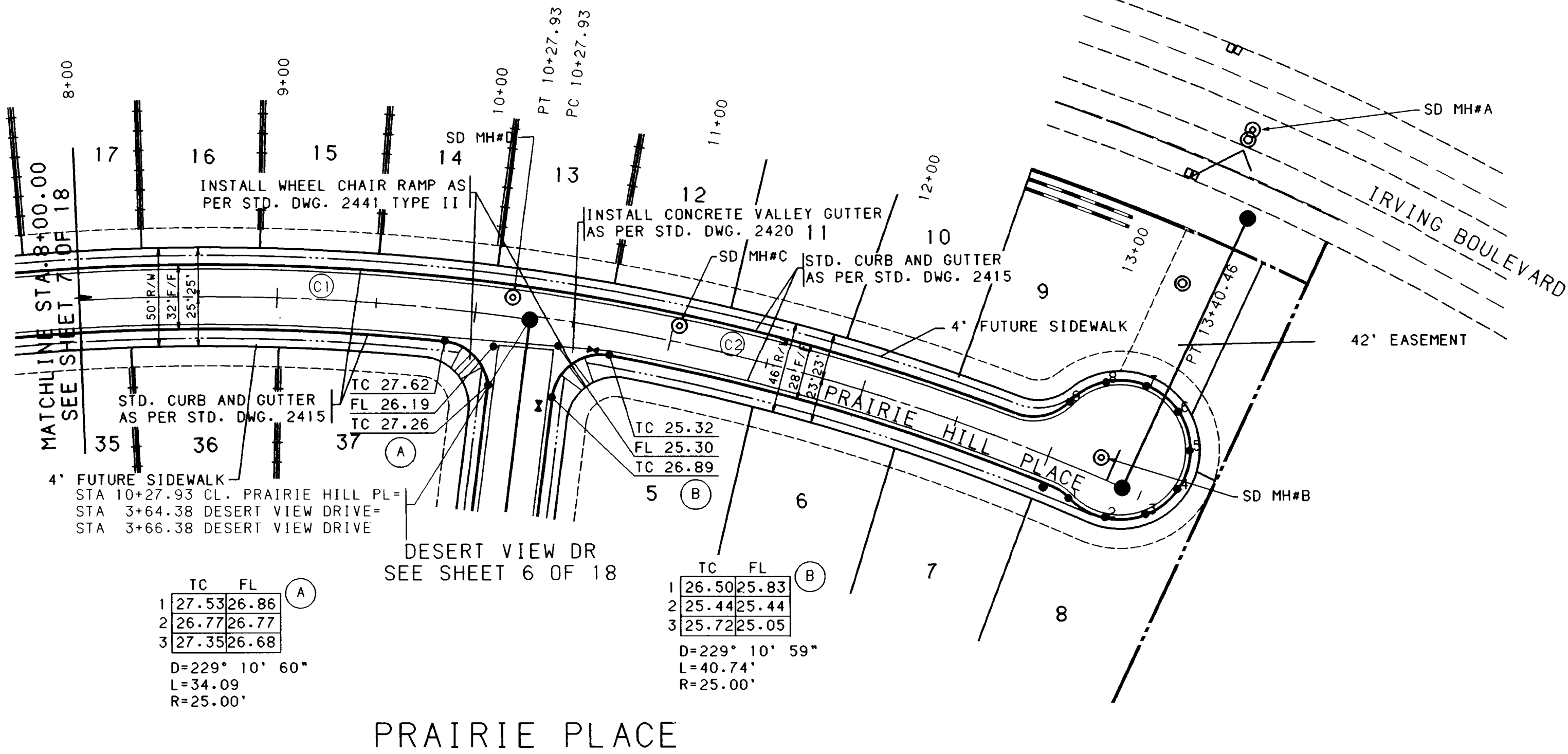
I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen N.M.L.S. # 6547

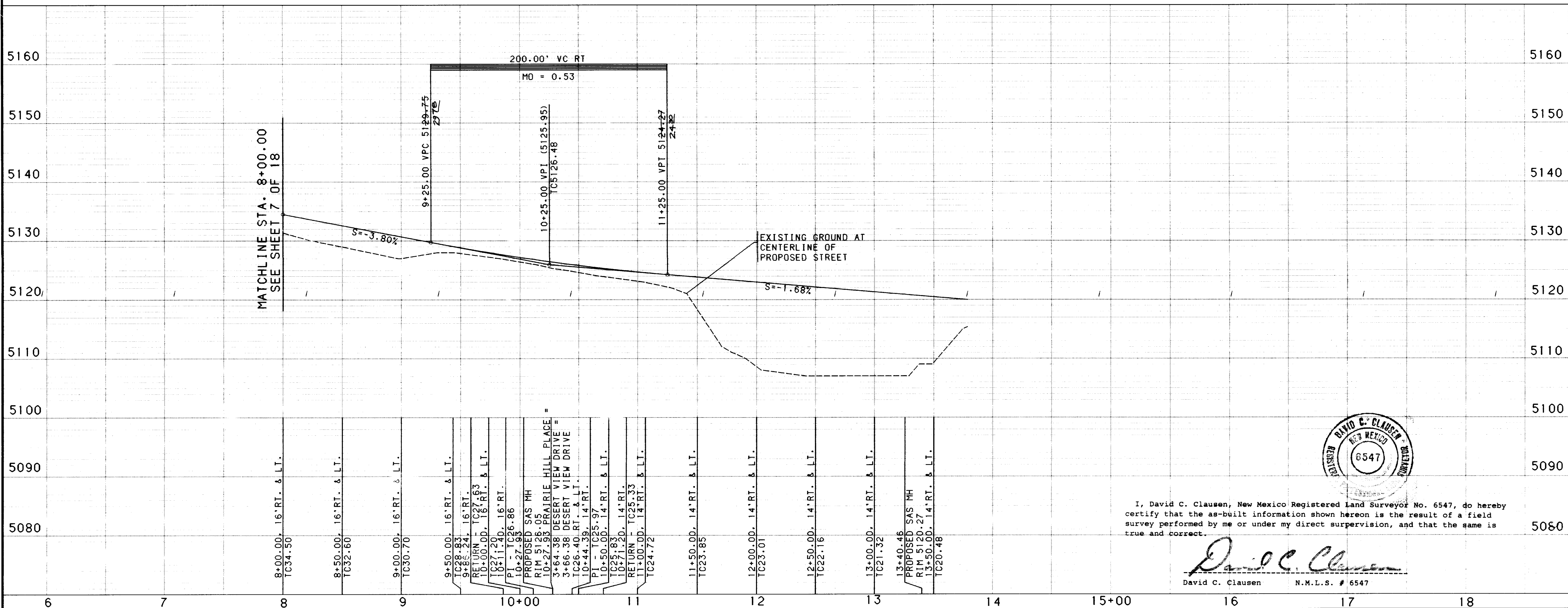
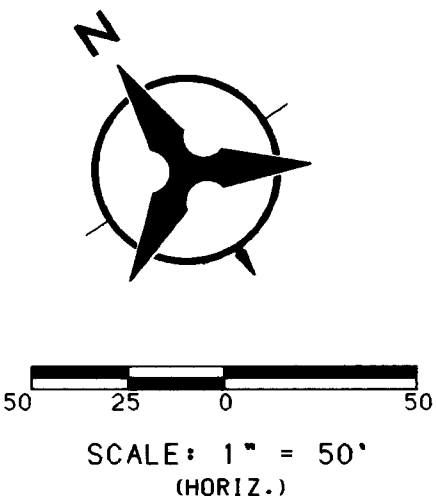


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AS-BUILT INFORMATION			
CONTRACTOR	DATE	INSPECTOR'S	DATE
STATION IS A 3 1/4" ALUMINUM RIVETED TO	DATE	GROUND AND STAMPED, "ACS 4-B13, 1986"	DATE
LOCATED NORTH ON COORDS 6.2 HILLY RD. TURN WEST TRAVEL TO CHANTILLY RD. TURN SOUTH AND TRAVEL TO ARROW AVE. TURN EAST AND TRAVEL TO THE INTERSECTION OF ARROW AV. AND BRYAN AVE. THE STATION IS SOUTHWEST OF THE INTERSECTION. (SLD 929) S163.551	DATE	VERIFICATION BY	DATE
NO.	BY	REMARKS	DATE
NO.	BY	REVISIONS	DATE
DESIGNED BY	DATE	CHECKED BY	DATE
TKM, DMH	9/94	BS, JAO, PLL	9/94
TKM	9/94		
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING			
CACTUS POINTE SUBDIVISION PAVING PLAN & PROFILE CACTUS POINTE DR. & PRAIRIE HILL PL.			
APPROVALS	ENGINEER	DATE	APPROVALS
DRG CHAIRMAN	11-10-94	WATER	DATE
TRANSPORTATION	10-27-94	WASTE WATER	DATE
HYDROLOGY	10-12-94		DATE
DRAWING NO.	5047.90	MAP NO.	B-13-Z
		SHEET	07 OF 18

CENTERLINE CURVE TABLE						
CURVE	PI STA.	DELTA	SWEEP	TANGENT	LENGTH	RADIUS
C1	9+14.36	11° 39' 37.6"	5° 6' 56"	114.36	227.94	1120.00
C2	11+85.21	15° 57' 34.2"	5° 6' 24"	157.28	312.53	1122.00

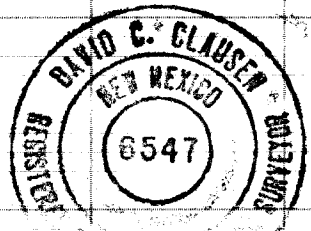


CUL-DE-SAC CURB DATA			
PT	TC	STATION & OFFSET	DELTA
1	21.03	13+17.65, 15.72' RT	34°03'24.3"
2	20.67	13+38.59, 17.32' RT	34°03'24.3"
3	20.36	13+56.73, 7.40' RT	34°03'24.3"
4	20.21	13+65.81, 10.97' LT	34°03'24.3"
5	20.26	13+65.04, 31.27' LT	34°03'24.3"
6	20.48	13+49.89, 46.61' LT	34°03'24.3"
7	20.80	13+30.94, 51.99' LT	34°03'24.3"
8	21.11	13+12.24, 45.69' LT	34°03'24.3"
9	21.32	12+99.80, 29.72' LT	34°03'24.3"
R=35.00', L=14.557' (BETWEEN POINTS)			

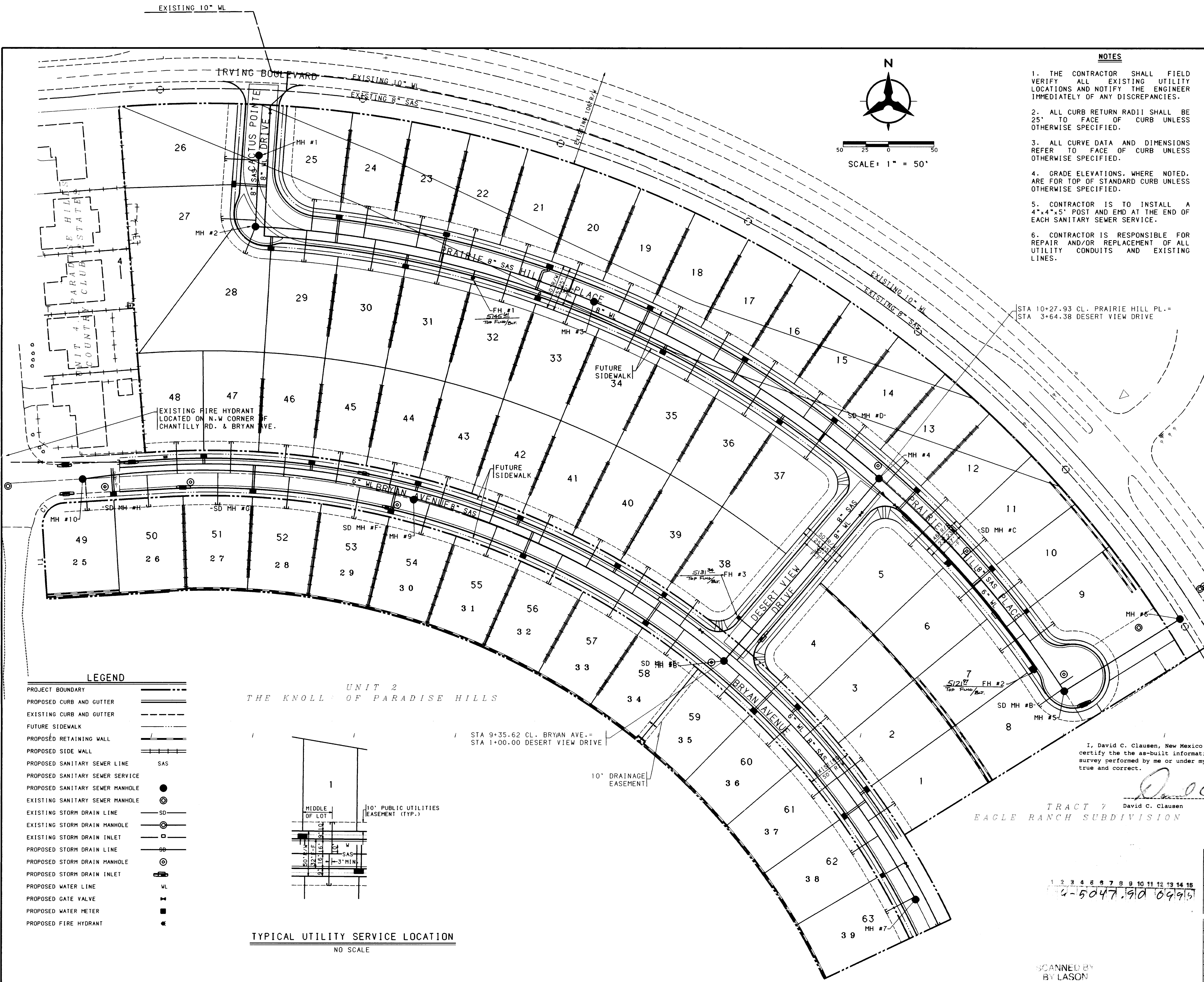


I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify that the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
N.M.L.S. # 6547



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AS-BUILT INFORMATION													
CONTRACTOR: <i>Bohannon-Houston, Inc.</i>													
INSPECTOR: <i>Bohannon-Houston, Inc.</i>													
DATE: <i>11/10/94</i>													
ENGINEER'S SEAL SURVEY INFORMATION													
STATION IS A 3 1/4" ALUMINUM RIVETED TO DATE: <i>11/10/94</i>													
GROUND AND STAMPED: "ACS 4-B13, 1986"													
LOCATED NORTH ON COORDS 6.2 MILES TO IRVING													
TURN WEST TRAVEL TO CHANTILLY RD., TURN													
SOUTH AND TRAVEL TO ARROW AVE., TURN EAST													
AND TRAVEL TO THE INTERSECTION OF ARROW AVE													
AND BRYAN AVE., THE STATION IS SOUTHWEST													
OF THE INTERSECTION. (SLD 1929, 5169.551)													
CITY OF ALBUQUERQUE													
PUBLIC WORKS DEPARTMENT													
ENGINEERING													
CACTUS POINTE SUBDIVISION													
PAVING PLAN & PROFILE													
PRAIRIE HILL PL. STA 8+00.0-13+78.66													
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE								
DRG CHAIRMAN	<i>Bohannon-Houston, Inc.</i>	<i>11/10/94</i>	WATER	<i>Bohannon-Houston, Inc.</i>	<i>11/10/94</i>								
TRANSPORTATION	<i>Bohannon-Houston, Inc.</i>	<i>11/10/94</i>	WASTE WATER	<i>Bohannon-Houston, Inc.</i>	<i>11/10/94</i>								
HYDROLOGY	<i>Bohannon-Houston, Inc.</i>	<i>11/10/94</i>											
DRAWING NO. 5047.90													
MAP NO. B-13-Z													
SHEET 08 OF 18													
BHT JOB NO. 932580.07													
Copyright Bohannon-Houston, Inc. 1994													
DATE: SEPT. 13, 1994													



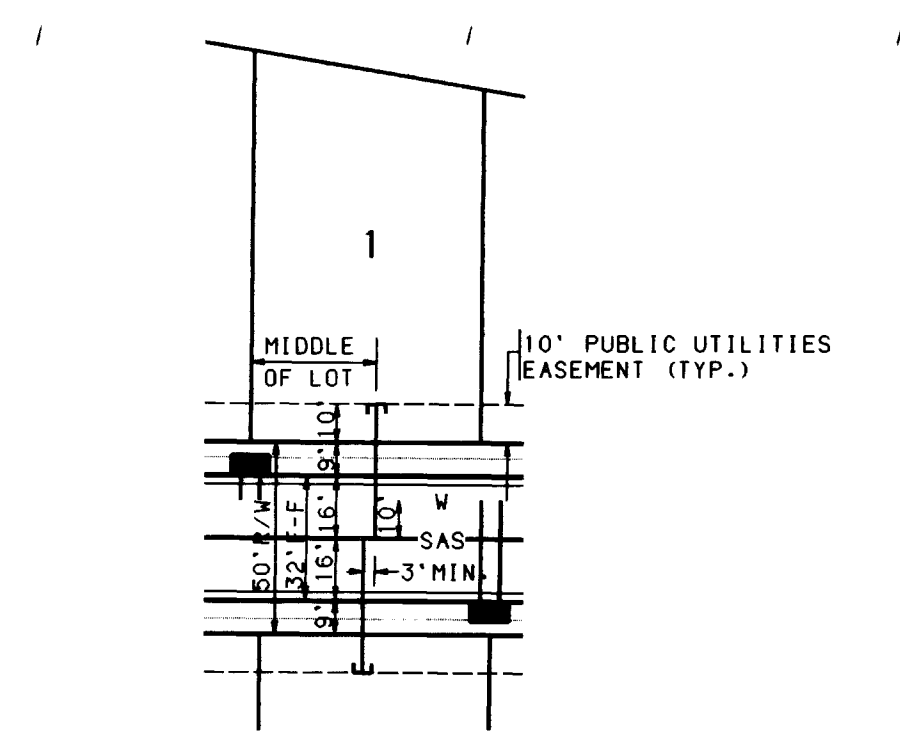
NOTES

- 1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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- 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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- 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- 13. THE FOLLOWING PERSONS SHALL BE NOTIFIED AT LEAST TWO BUSINESS DAYS PRIOR TO INSTALLING UTILITY CONDUIT CROSSINGS:

COMPANY	PHONE	CONTACT
PNM	848-3374	TOM BACA
NMUI	898-2661	BOB GAY
US WEST	245-6694	BECKY OLESEN
GAS CO.	761-7770	LEO APDACA
JONES	761-6200	YVETTE SUAZO

LEGEND	
PROJECT BOUNDARY	---
PROPOSED CURB AND GUTTER	==
EXISTING CURB AND GUTTER	- - - -
FUTURE SIDEWALK	---
PROPOSED RETAINING WALL	=====
PROPOSED SIDE WALL	=====
PROPOSED SANITARY SEWER LINE	SAS
PROPOSED SANITARY SEWER SERVICE	---
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	⊙
EXISTING STORM DRAIN LINE	SD
EXISTING STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN INLET	⊕
PROPOSED STORM DRAIN LINE	SD
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED STORM DRAIN INLET	⊕
PROPOSED WATER LINE	WL
PROPOSED GATE VALVE	+
PROPOSED WATER METER	■
PROPOSED FIRE HYDRANT	⋈

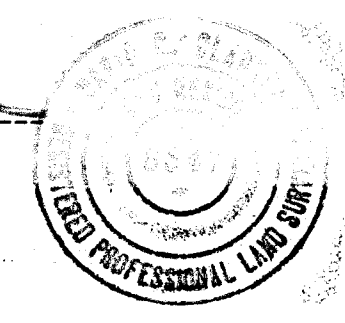
UNIT 2
THE KNOLL OF PARADISE HILLS



TYPICAL UTILITY SERVICE LOCATION
NO SCALE

I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify the the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
N.M.L.S. # 6547



TRACT 7
EAGLE RANCH SUBDIVISION

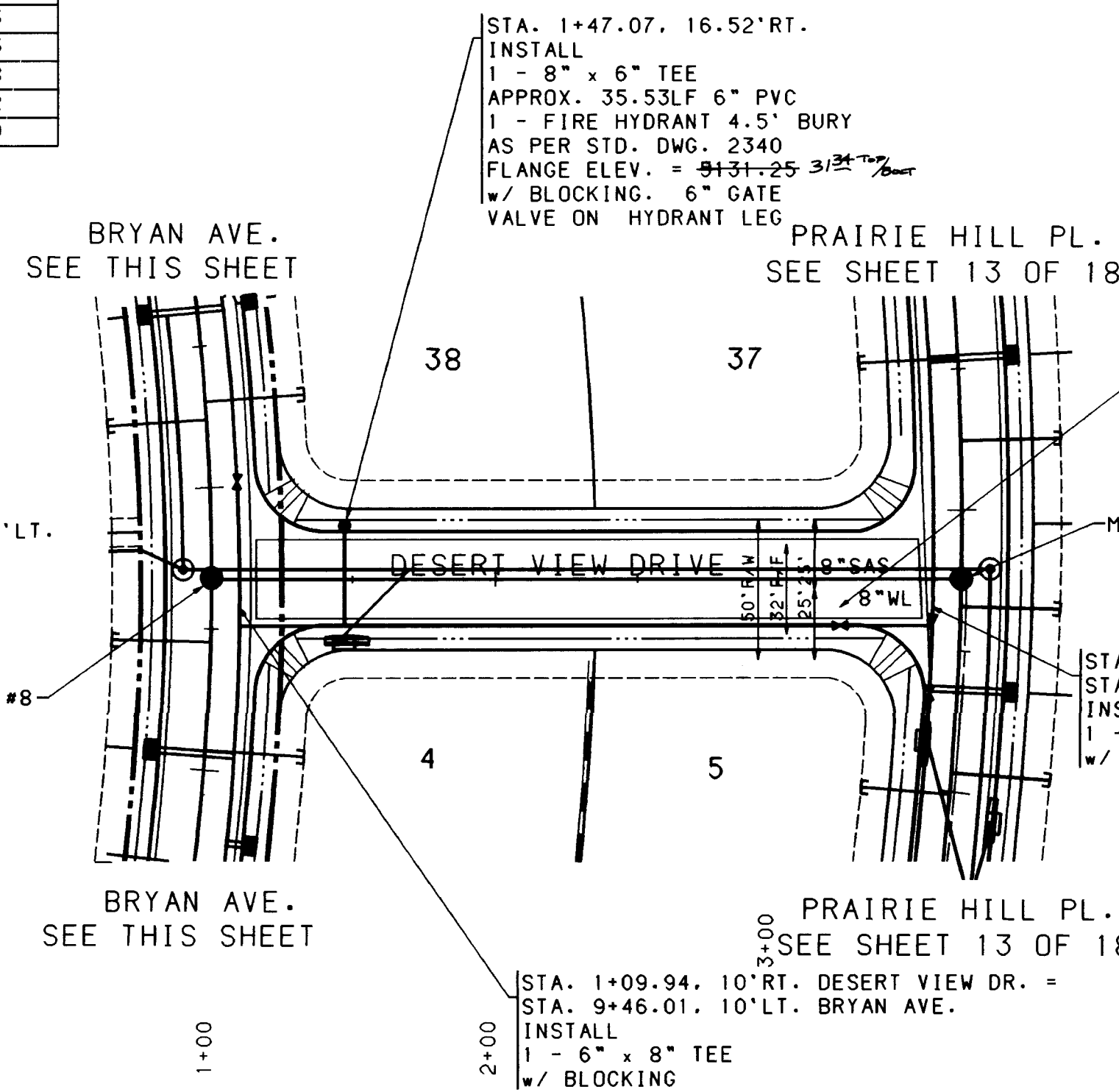
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

CACTUS POINTE SUBDIVISION
UTILITY PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	Ag. B. B. B.	11-10-94	WATER	ESR	11-10-94
TRANSPORTATION	MB. L. H.	10-27-94	WASTE WATER	ESR	11-10-94
HYDROLOGY	Ag. B. B. B.	10-27-94	NMUI	ESR	11-10-94

DRAWING NO.	5047.90	MAP NO.	B-13-2	SHEET	09 OF 18
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BHI JOB NO. 93258-07

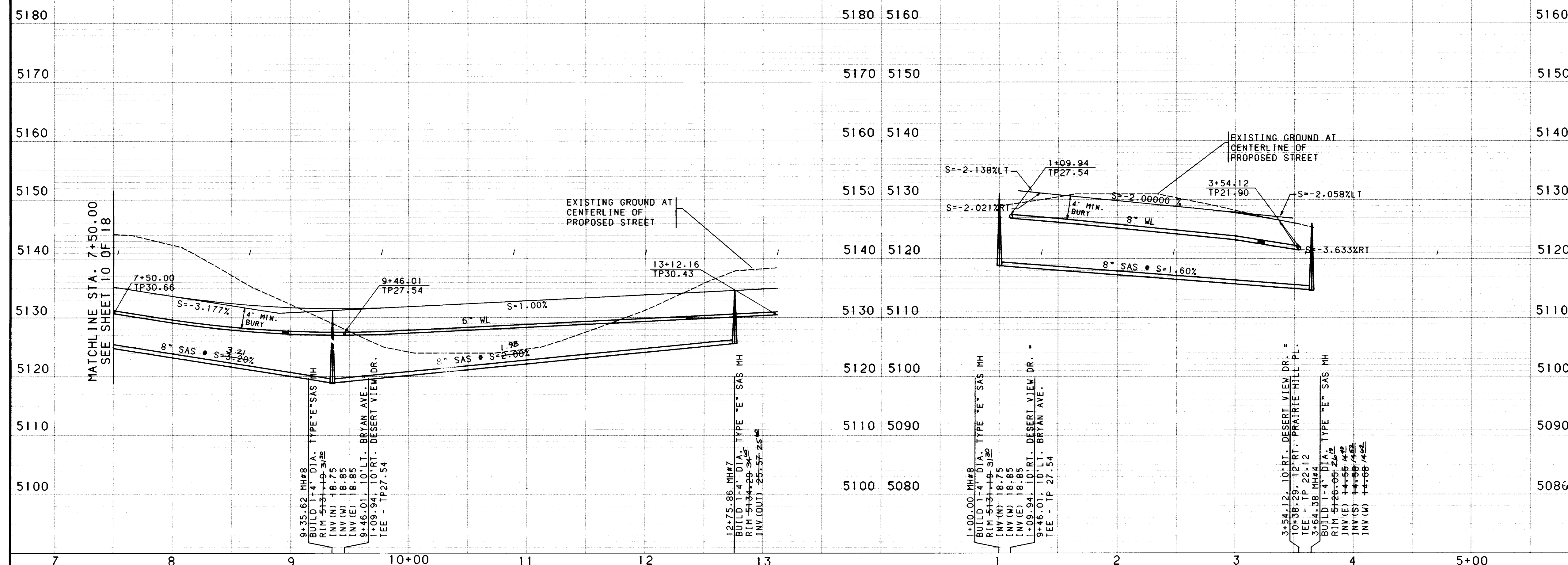


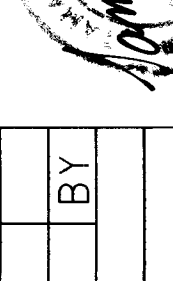
WATER & SANITARY SEWER SERVICES						
LOT NUMBER	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
57	8+40.84, 10' LT.	DOUBLE	8+00.99, CENTERLINE	35.00'	24.99	
58			8+79.65, CENTERLINE	35.00'	22.48	
59	9+97.87, 10' LT.	DOUBLE	9+58.30, CENTERLINE	35.00'	21.16	
60			10+36.95, CENTERLINE	35.00'	22.74	
61	11+54.58, 10' LT.	DOUBLE	11+15.59, CENTERLINE	35.00'	24.31	
62			11+94.23, CENTERLINE	35.00'	25.88	
63	12+34.69, 10' LT.	SINGLE	12+72.86, CENTERLINE	35.00'	27.45	

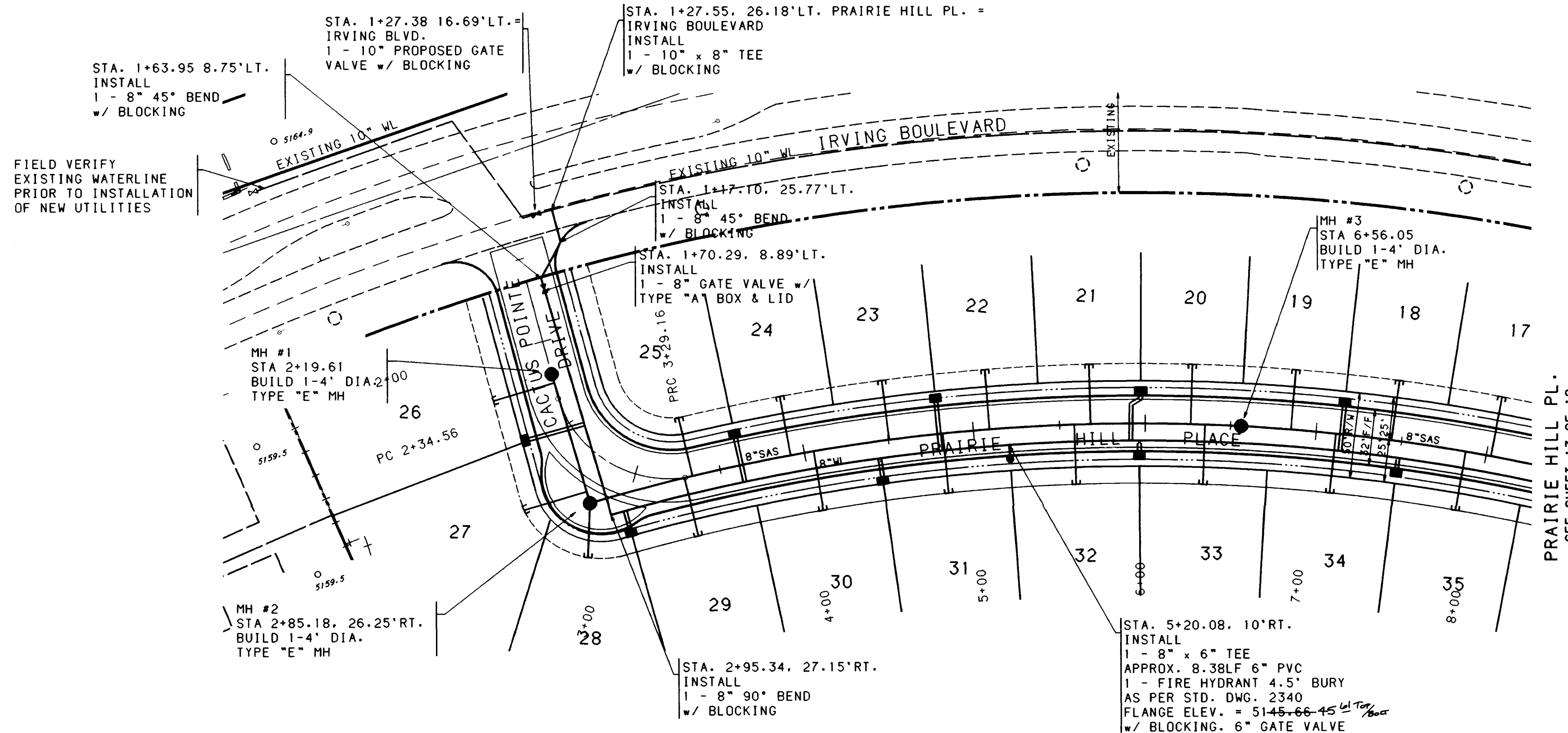
50 25 0 5

SCALE: 1" = 50'

(HORIZ.)

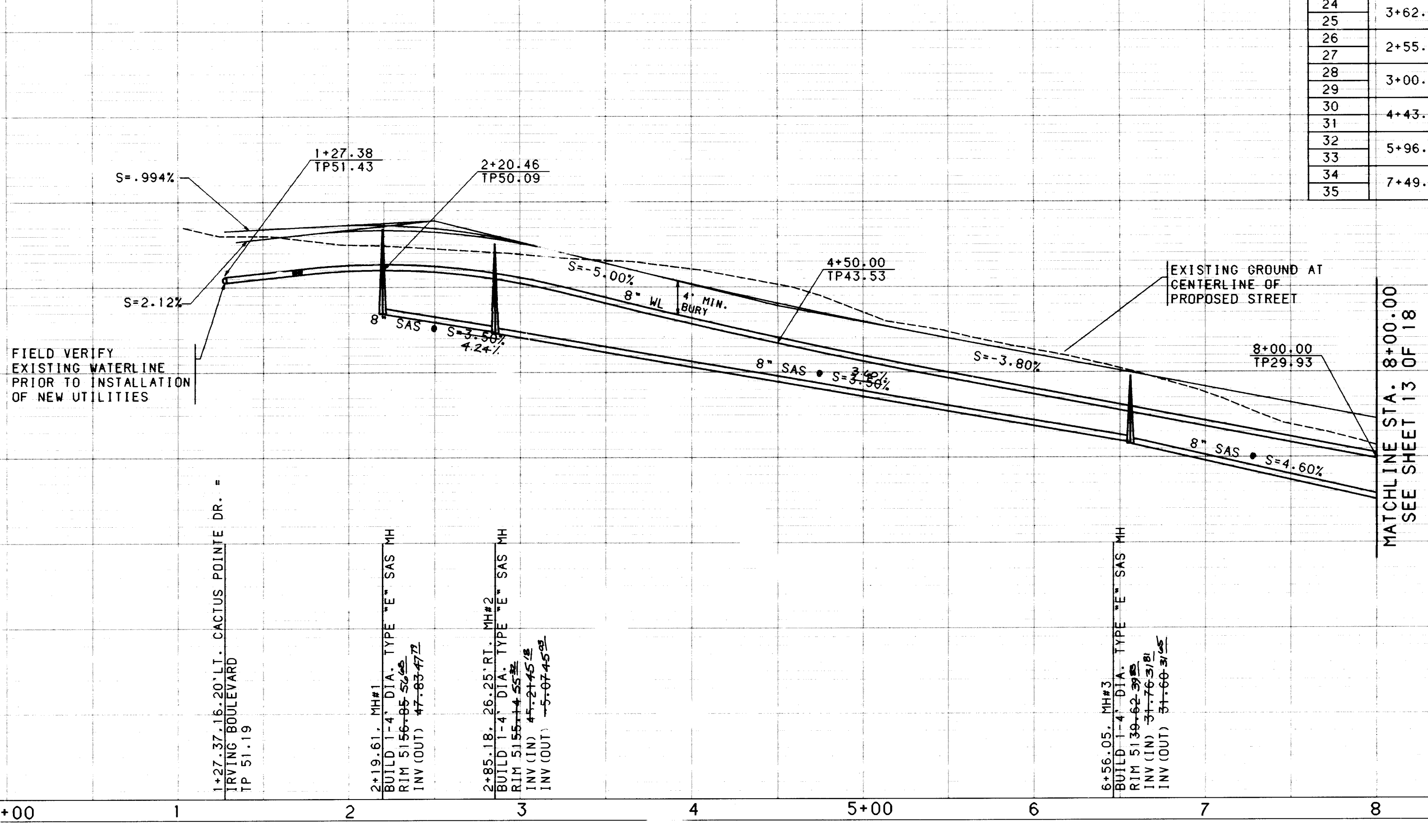
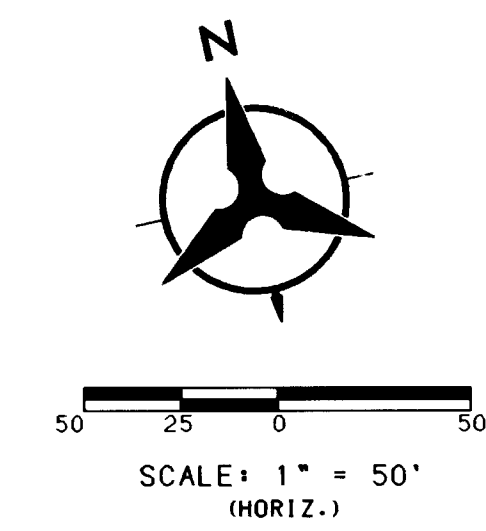


			
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26-5047-910		11 12 13 14 15	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING	
CACTUS POINTE SUBDIVISION UTILITY PLAN & PROFILE BRYAN AVENUE & DESERT VIEW DRIVE			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	<i>A.G. Smith</i>	11-10-94	WATER
TRANSPORTATION	<i>M.R. RHD</i>	11-21-94	WASTE WATER
HYDROLOGY	<i>J.P. Gagnier</i>	10-22-94	NMU
DRAWING NO. 5047.90		MAP NO. B-13-Z	
SHEET 11 OF 18		DATE: SEP 1, 1994	



CACTUS POINTE DR. PRAIRIE HILL PL.

WATER & SANITARY SEWER SERVICES					
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS	SAS LENGTH	TOP OF PIPE AT PLUG
18	7+14.88, 10' RT.	DOUBLE	7+44.05, CENTERLINE	35.00'	29.55
19			6+85.29, CENTERLINE	35.00'	32.25
20	5+91.39, 10' RT.	DOUBLE	6+26.69, CENTERLINE	35.00'	34.62
21			5+67.98, CENTERLINE	35.00'	36.67
22	4+79.80, 10' RT.	DOUBLE	5+09.26, CENTERLINE	35.00'	38.73
23			4+50.54, CENTERLINE	35.00'	40.78
24	3+62.52, 10' RT.	DOUBLE	3+91.83, CENTERLINE	35.00'	42.84
25			3+33.59, CENTERLINE	35.00'	44.88
26	2+55.83, 6.91' LT.	DOUBLE	2+24.98, CENTERLINE	37.51'	49.66
27			2+81.32, 16.94' RT.	37.90'	47.35
28	2+85.18, 22+05' RT.	DOUBLE	2+85.18, 22+05' RT.	31.81'	46.98
29	3+00.49, 22.35' RT.	DOUBLE	3+28.85, CENTERLINE	35.00'	45.05
30			4+05.44, CENTERLINE	35.00'	42.36
31	4+43.65, 10' RT.	DOUBLE	4+83.83, CENTERLINE	35.00'	39.68
32			5+58.52, CENTERLINE	35.00'	37.00
33	5+96.57, 10' RT.	DOUBLE	6+34.99, CENTERLINE	35.00'	34.33
34			7+10.84, CENTERLINE	35.00'	31.04
35	7+49.21, 10' RT.	DOUBLE	7+87.78, CENTERLINE	35.00'	27.53



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David C. Clausen
David C. Clausen N.M.L.S. # 6547

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AS-BUILT INFORMATION

CONTRACTOR: *Bohannon-Houston, Inc.*
INSPECTOR: *Bohannon-Houston, Inc.*
DATE: *11-10-94*

ENGINEER'S SEAL

DATE: *11-10-94*
BY: *Bohannon-Houston, Inc.*

REVISIONS

NO.	DATE	REMARKS
1	11-10-94	DESIGN

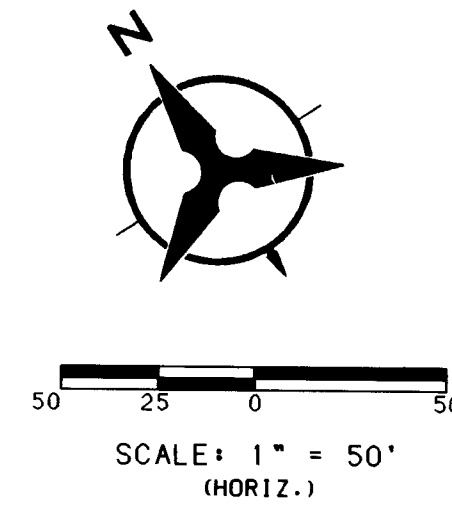
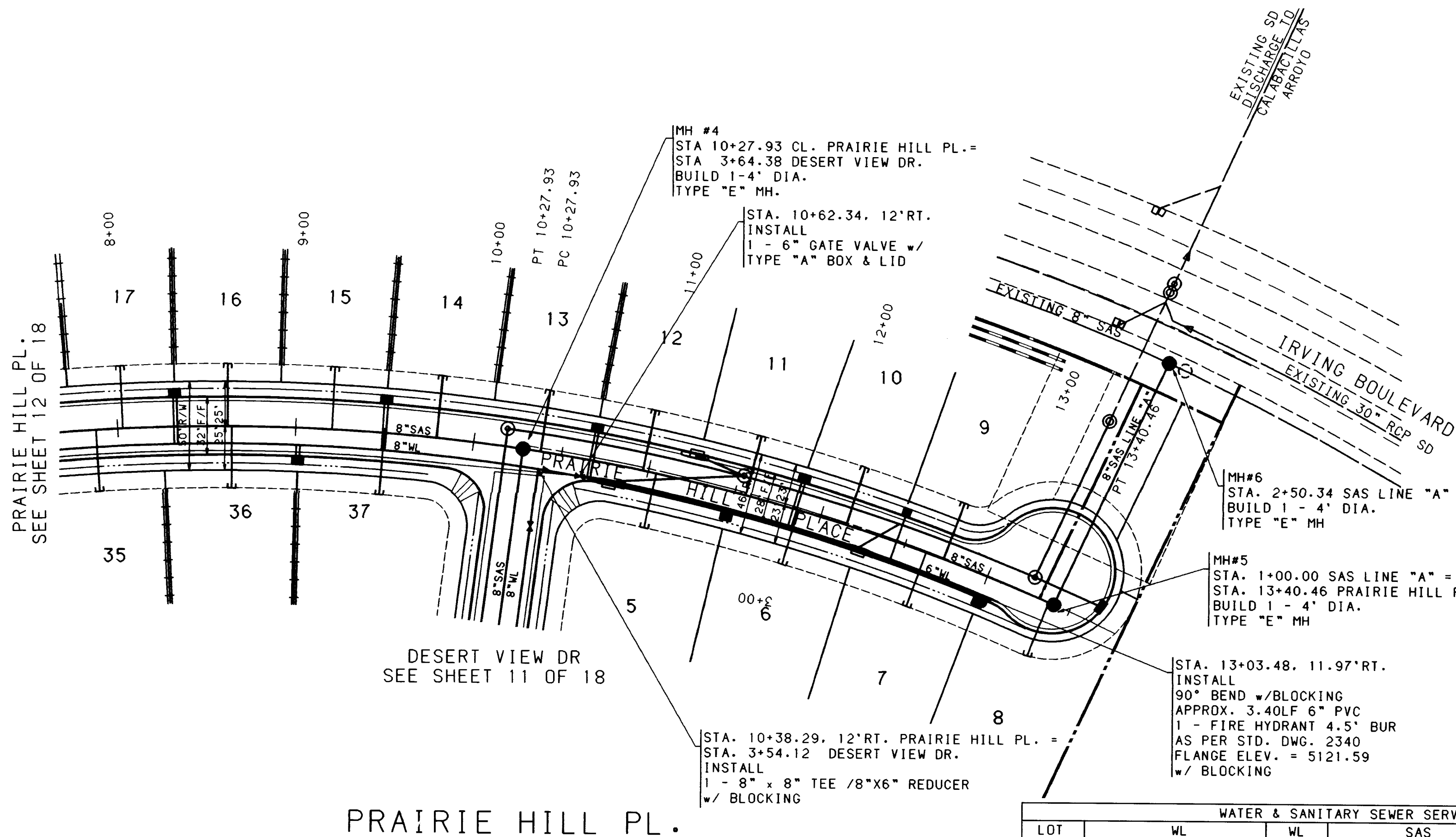
DESIGNED BY: *TKM* DATE: 9/94
DRAWN BY: *BS* DATE: 9/94
CHECKED BY: *TKM* DATE: 9/94

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

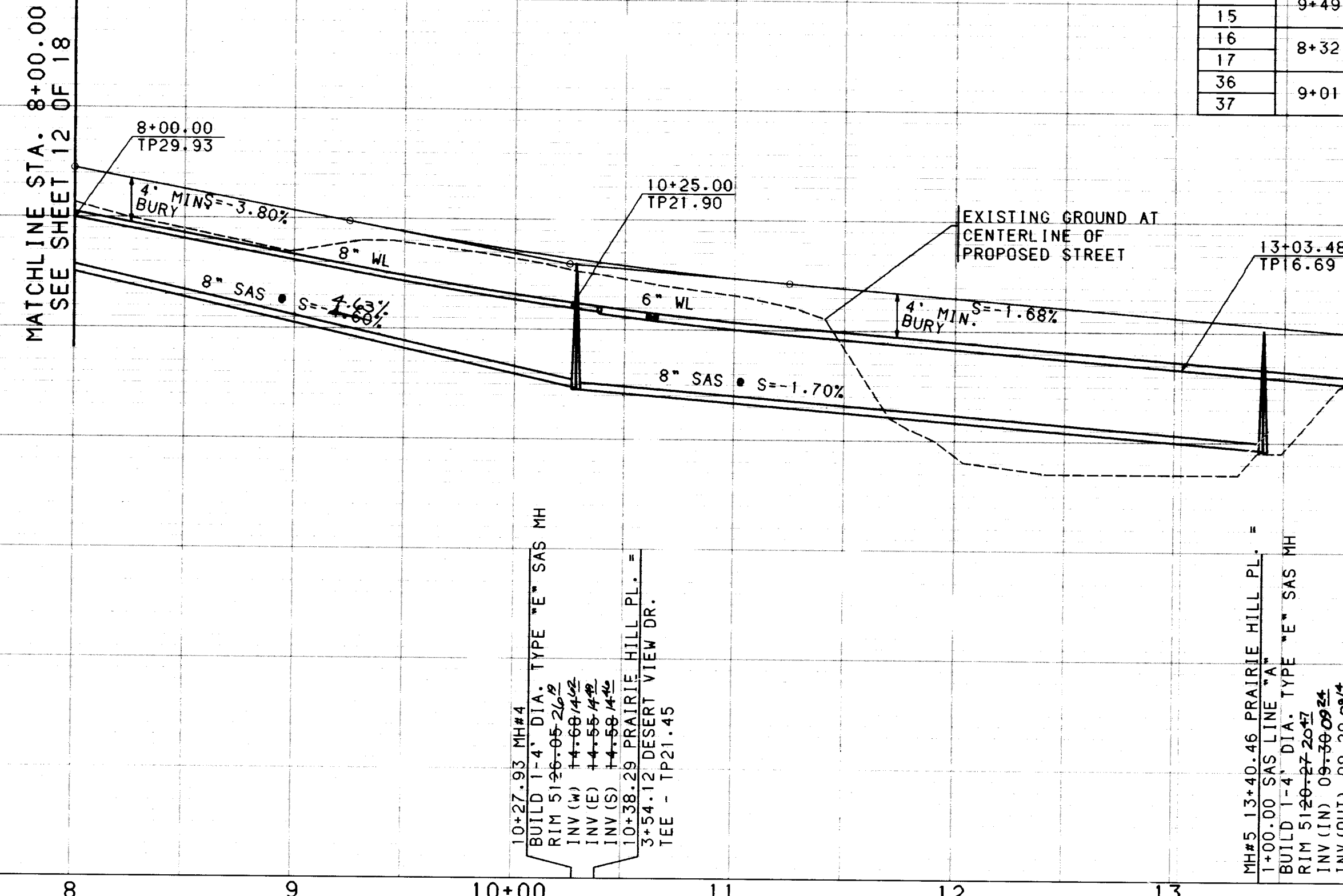
CACTUS POINTE SUBDIVISION
UTILITY PLAN & PROFILE
CACTUS POINTE DR. & PRAIRIE HILL PL.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>Bohannon-Houston, Inc.</i>	11-10-94	WATER	<i>Bohannon-Houston, Inc.</i>	11-10-94
TRANSPORTATION	<i>Bohannon-Houston, Inc.</i>	10-27-94	WASTE WATER	<i>Bohannon-Houston, Inc.</i>	10-27-94
HYDROLOGY	<i>Bohannon-Houston, Inc.</i>	10-27-94	NMU	<i>Bohannon-Houston, Inc.</i>	10-27-94

DRAWING NO. 5047.90 MAP NO. B-13-Z SHEET 12 OF 18



WATER & SANITARY SEWER SERVICES						
LOT NUMBER	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE AT PLUG	
5	11+48.74, 11.98' RT.	DOUBLE	11+04.47, 1.70' RT	31.30'	15.11	
6			11+89.96, 1.25' RT	31.75'	13.72	
7			12+62.74, 0.75' RT	32.25'	12.44	
8	13+11.43, 11.98' RT.	DOUBLE	13+37.46, 0.15' RT	32.38'	11.17	
9	12+45.01, 11.98' RT.	SINGLE	12+73.29, 0.67' RT	33.67'	12.28	
10			12+15.18, 1.08' RT	34.43'	13.29	
11	11+85.03, 11.98' RT.	DOUBLE	11+56.26, 1.43' RT	34.73'	14.29	
12			10+96.79, 1.73' RT	34.97'	15.31	
13	10+67.39, 11.98' RT.	DOUBLE	10+37.92, 1.97' RT	35.00'	16.31	
14			9+79.10, CENTERLINE	35.00'	18.73	
15	9+49.88, 10' RT.	DOUBLE	9+20.34, CENTERLINE	35.00'	21.44	
16			8+61.58, CENTERLINE	35.00'	24.14	
17	8+32.41, 10' RT.	DOUBLE	8+02.81, CENTERLINE	35.00'	26.84	
36			8+63.98, CENTERLINE	35.00'	24.03	
37	9+01.73, 10' RT.	DOUBLE	9+49.78, CENTERLINE	35.00'	20.08	

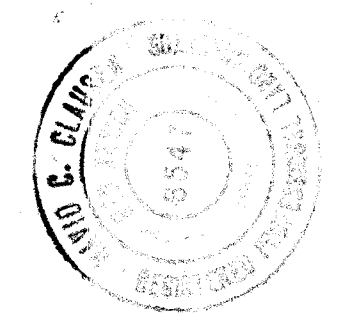


SAS LINE "A"

8" SAS S=-8.25%

EXISTING 8" LINE

- NOTES**
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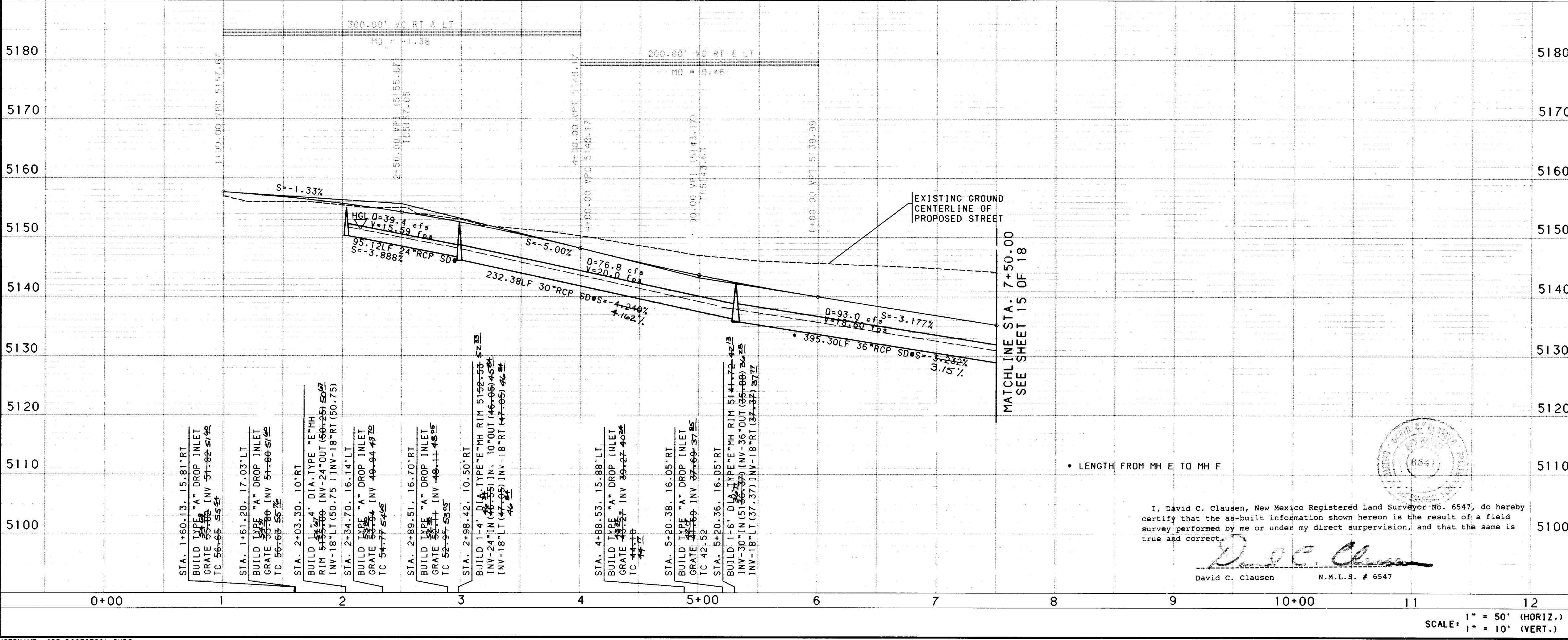
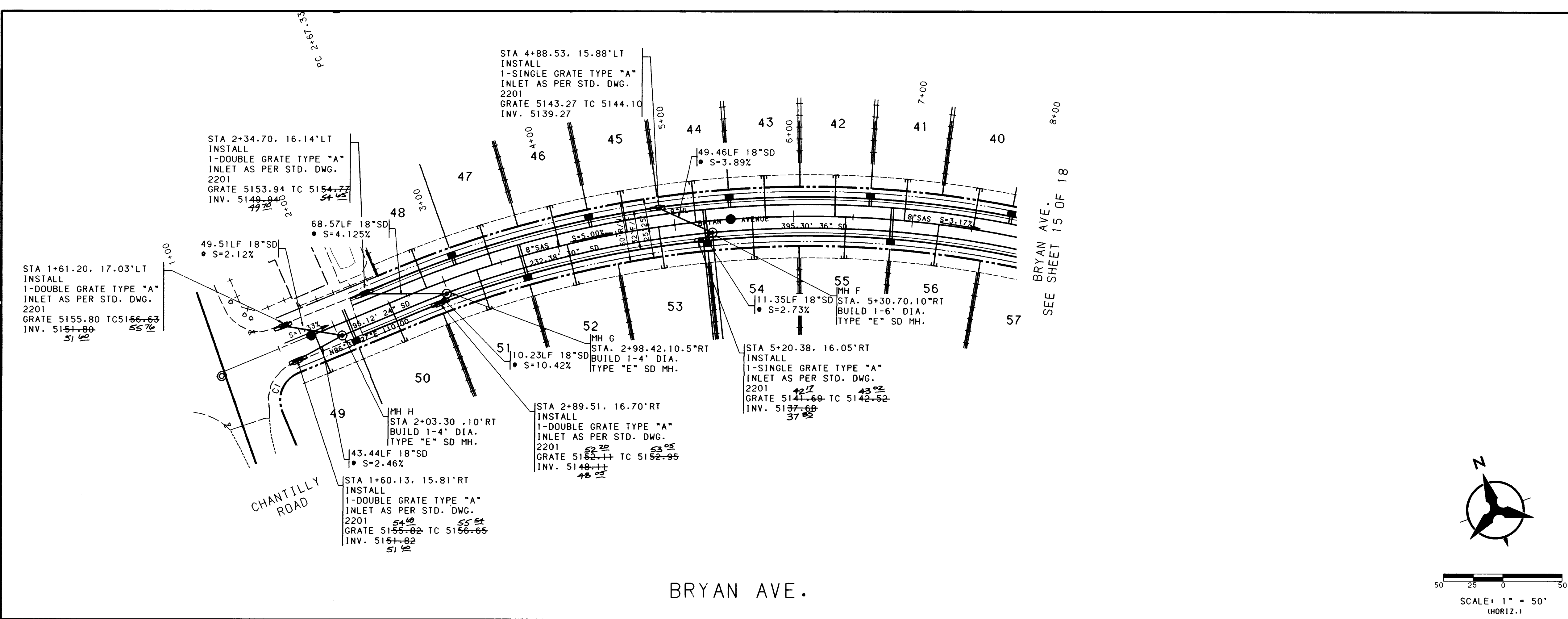


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David C. Clausen
N.M.L.S. # 6547

ENGINEER'S SEAL SURVEY INFORMATION		AS-BUILT INFORMATION	
NO.	DATE	CONTRACTOR	NO.
REMARKS	BY	STATION IS A 3 1/4" ALUMINUM RIVETED TO	CONTRACTOR'S SIGNATURE
DESIGN	REVISIONS	GROUND AND STAMPED. "ACS 4-B13, 1986"	INSPECTOR'S SIGNATURE
DESIGNED BY	DATE	LOCATED NORTH ON COORDS 6.2 MILES TO IRVING	DATE
DRAWN BY	DATE	TURN WEST TRAVEL TO CHANTILLY RD., TURN	DATE
CHECKED BY	DATE	SOUTH AND TRAVEL TO ARROW AVE., TURN EAST	DATE
		AND TRAVEL TO THE INTERSECTION OF ARROW AV	DATE
		AND BRYAN AVE., THE STATION IS SOUTHWEST	DATE
		OF THE INTERSECTION. (SLD 1929) \$169.551	DATE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING			
CACTUS POINTE SUBDIVISION UTILITY PLAN & PROFILE PRAIRIE HILL PL. STA 8+00.0-13+78.66			
APPROVALS	ENGINEER	DATE	APPROVALS
DRG CHAIRMAN	11-10-94	11-10-94	11-10-94
TRANSPORTATION	11-10-94	11-10-94	11-10-94
HYDROLOGY	11-10-94	11-10-94	11-10-94
DRAWING NO.	5047.90	MAP NO.	B-13-Z
		SHEET	13 OF 18



NOTES

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ENGINEER'S SEAL

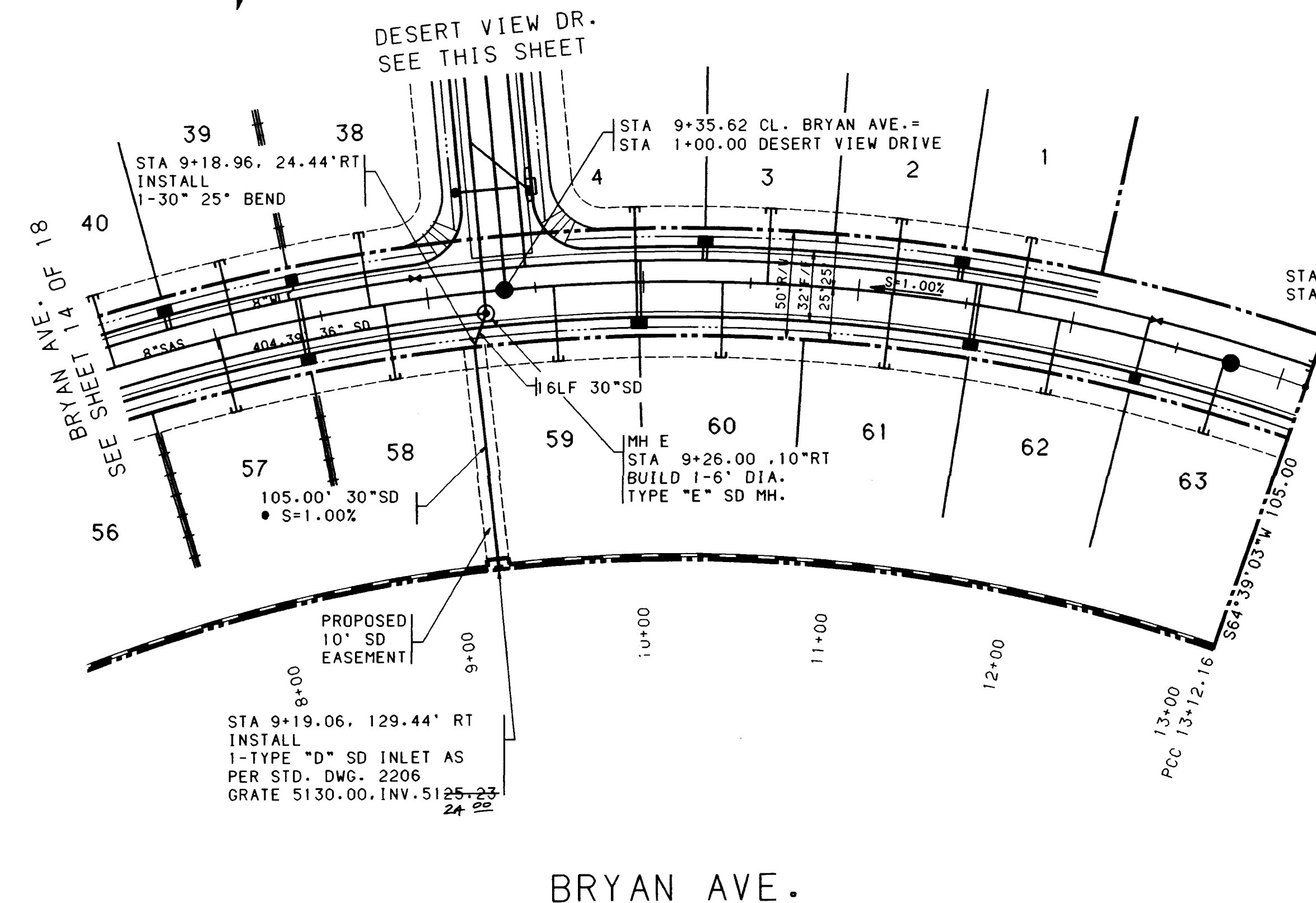
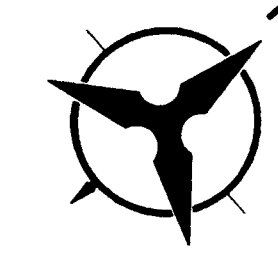
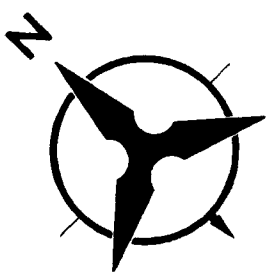
DAVID C. CLAUSEN, NEW MEXICO REGISTERED LAND SURVEYOR NO. 6547

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

CACTUS POINTE SUBDIVISION
STORM DRAIN PLAN & PROFILE
BRYAN AVE. STA 1+00 - 7+50.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	11-10-94	11-10-94	WATER	6/8/94	6/8/94
TRANSPORTATION	10-27-94	10-27-94	WASTE WATER	10/6/94	10/6/94
HYDROLOGY	10-27-94	10-27-94			

DRAWING NO. 5047.90 MAP NO. B-13-Z SHEET 14 OF 18

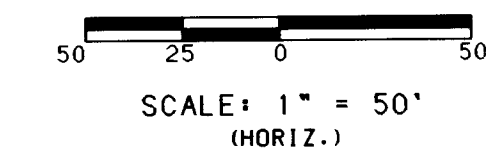


BRYAN AVE.
SEE THIS SHEET

PRAIRIE HILL PL.
NO STORM DRAIN

BRYAN AVE.
SEE THIS SHEET

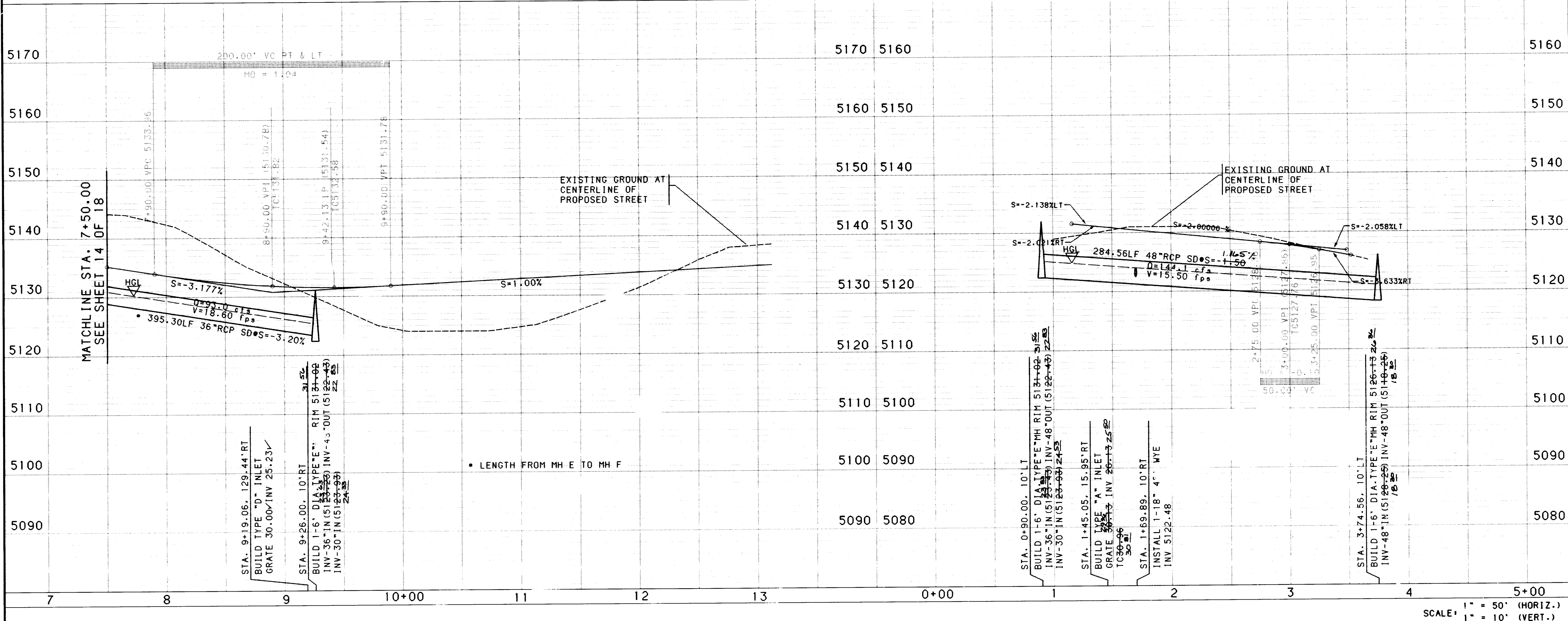
PRAIRIE HILL PL.
SEE SHEET 16 OF 18



BRYAN AVE.

DESERT VIEW DR.

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4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.									
5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.									
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.									
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.									
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.									
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.									
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.									
11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).									
12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.									
AS-BUILT INFORMATION									
CONTRACTOR	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
STATION IS A 3 1/4" ALUMINUM RIVETED TO	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
GROUND AND STAMPED. "ACS 4-B/3. 1986".	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
LOCATED NORTH ON COORS 6.2 MILES TO IRVING	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
TRAVEL TO CHANTILLY RD.. TURN EAST	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
SOUTH AND TRAVEL TO ARROW AVE.. TURN EAST	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
AND TRAVEL TO THE INTERSECTION OF ARROW AVE	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
AND BRYAN AVE.. THE STATION IS SOUTHWEST	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
OF THE INTERSECTION. (SID 1929) 5169.551	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE



I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify that the as-built information shown herein is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

David C. Clausen
N.M.L.S. # 6547

NO.	DATE	REMARKS	BY
1		DESIGN	
2		REVISIONS	
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

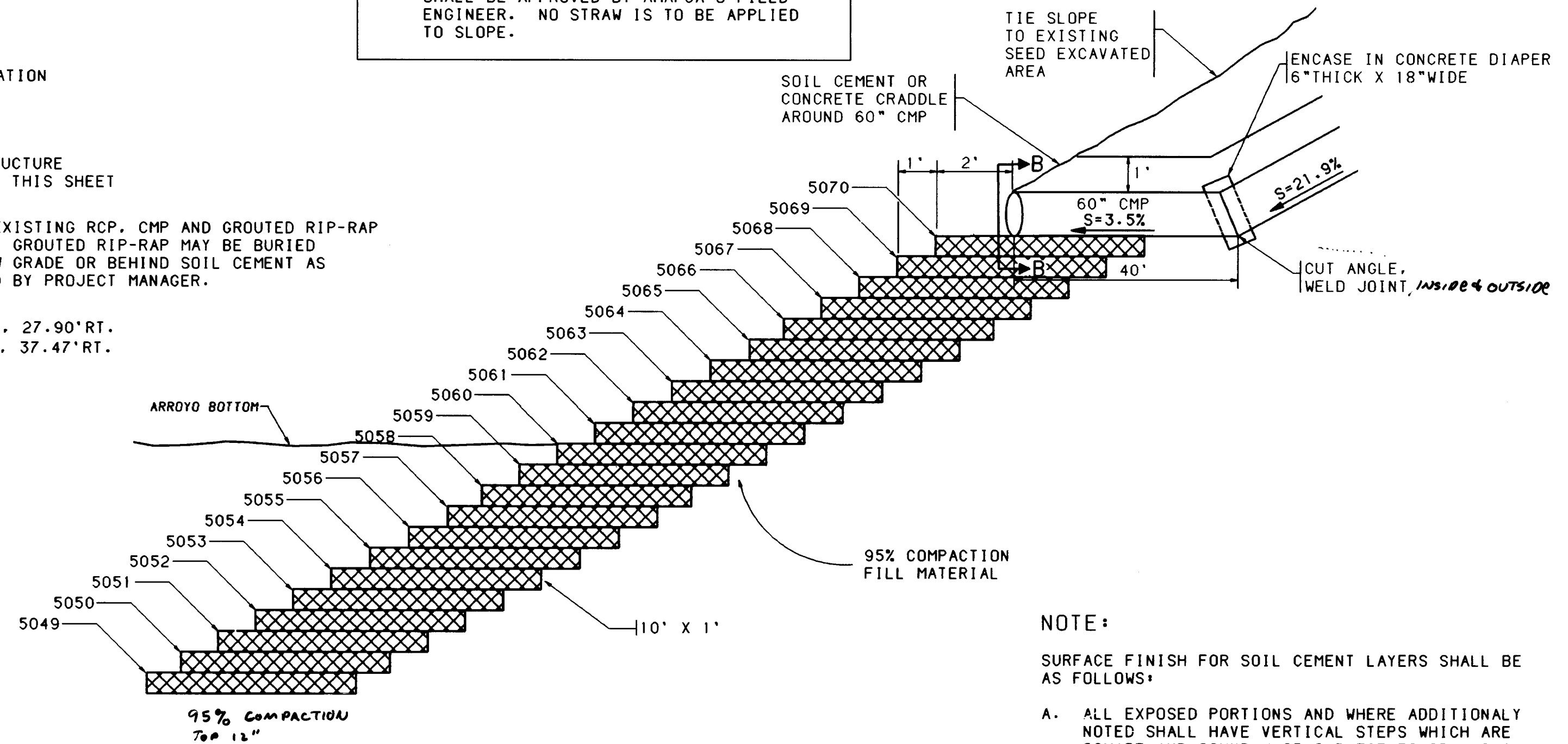
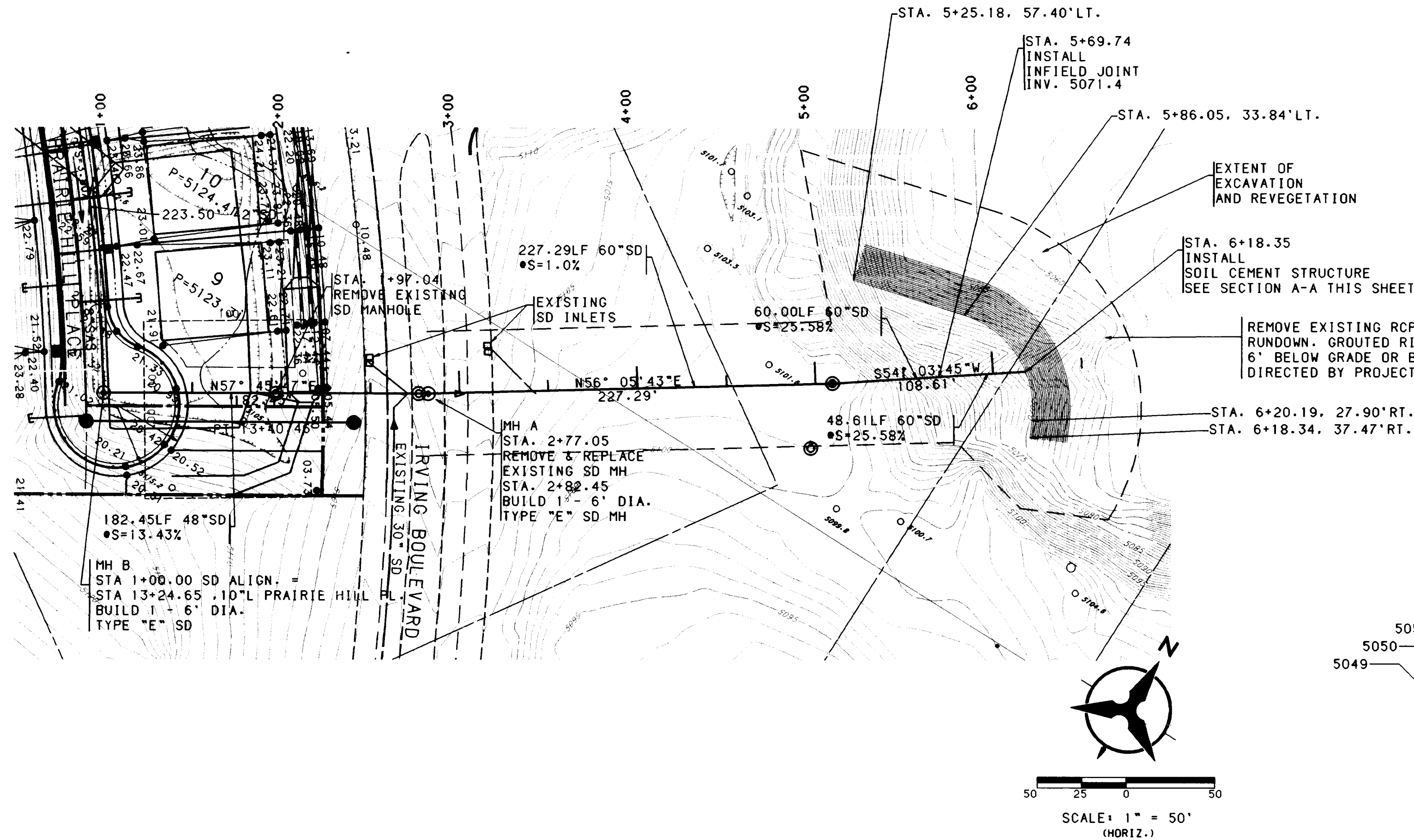
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

CACTUS POINTE SUBDIVISION
STORM DRAIN PLAN & PROFILE
BRYAN AVENUE & DESERT VIEW DRIVE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DEC CHAIRMAN	11-10-94	11-10-94	WATER		
TRANSPORTATION	10-27-94	10-27-94	WASTE WATER		
HYDROLOGY	10-27-94	10-27-94			

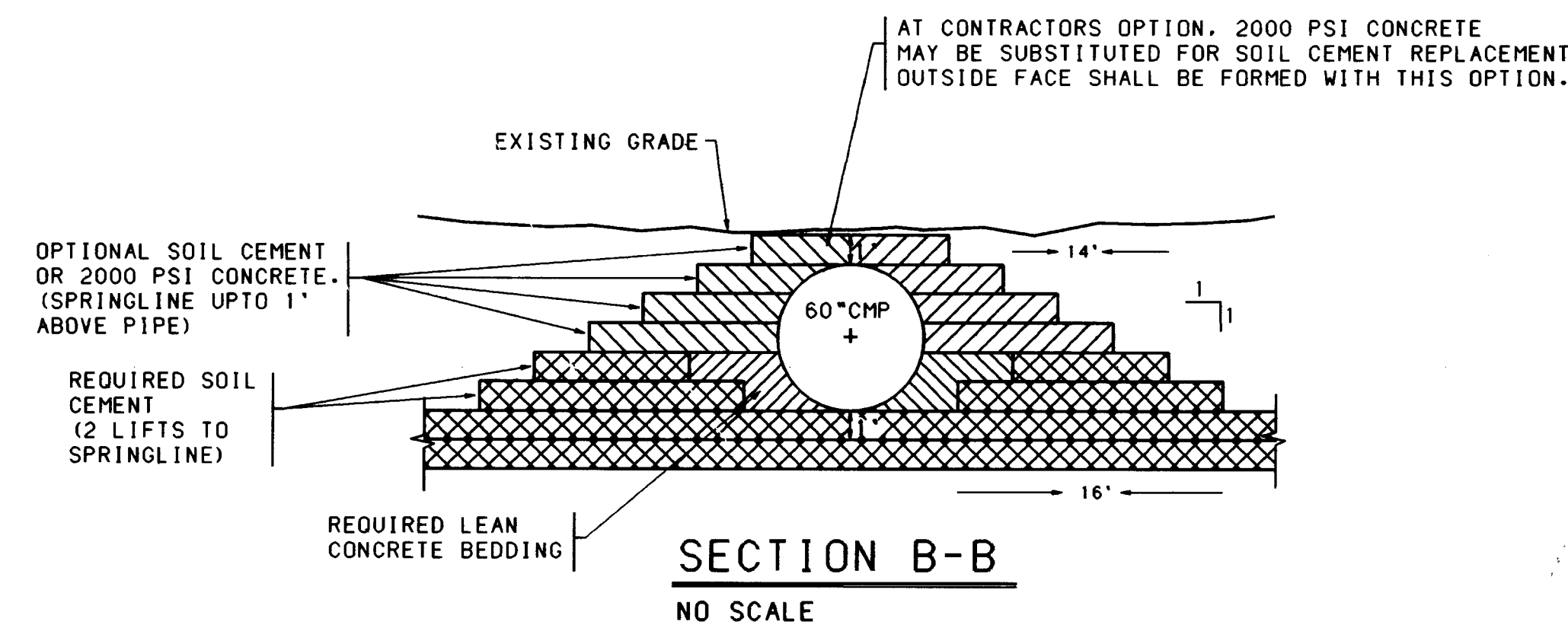
DRAWING NO.	5047.90	MAP NO.	B-13-Z	SHEET	15	OF	18
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DATE: SEPT. 13, 1994



PROFILE SECTION A-A

NO SCALE



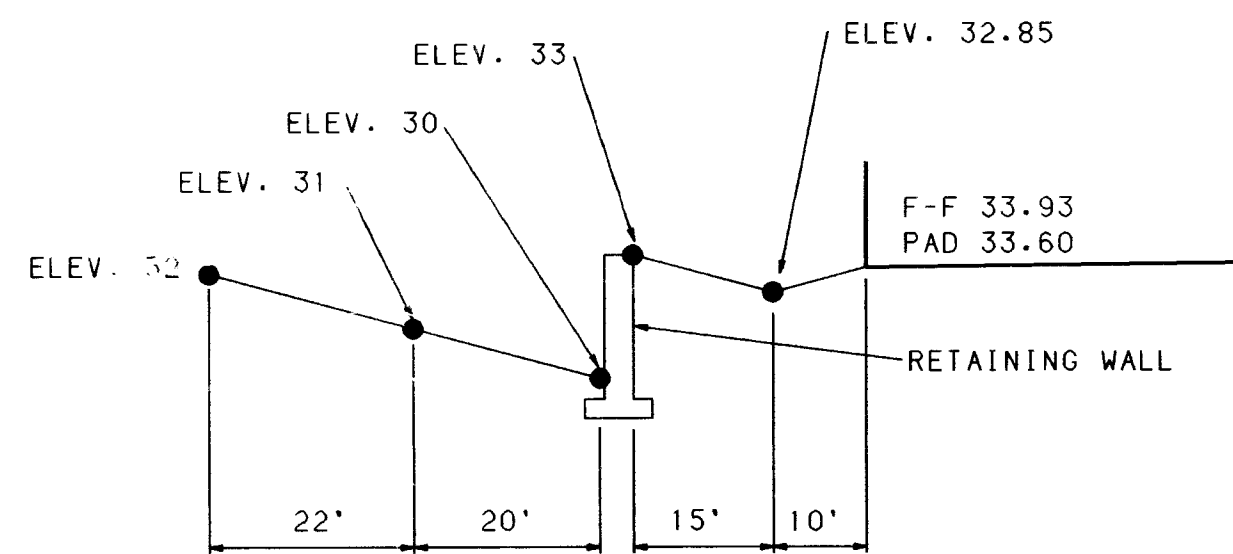
SECTION B-B

NO SCALE

I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify the the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

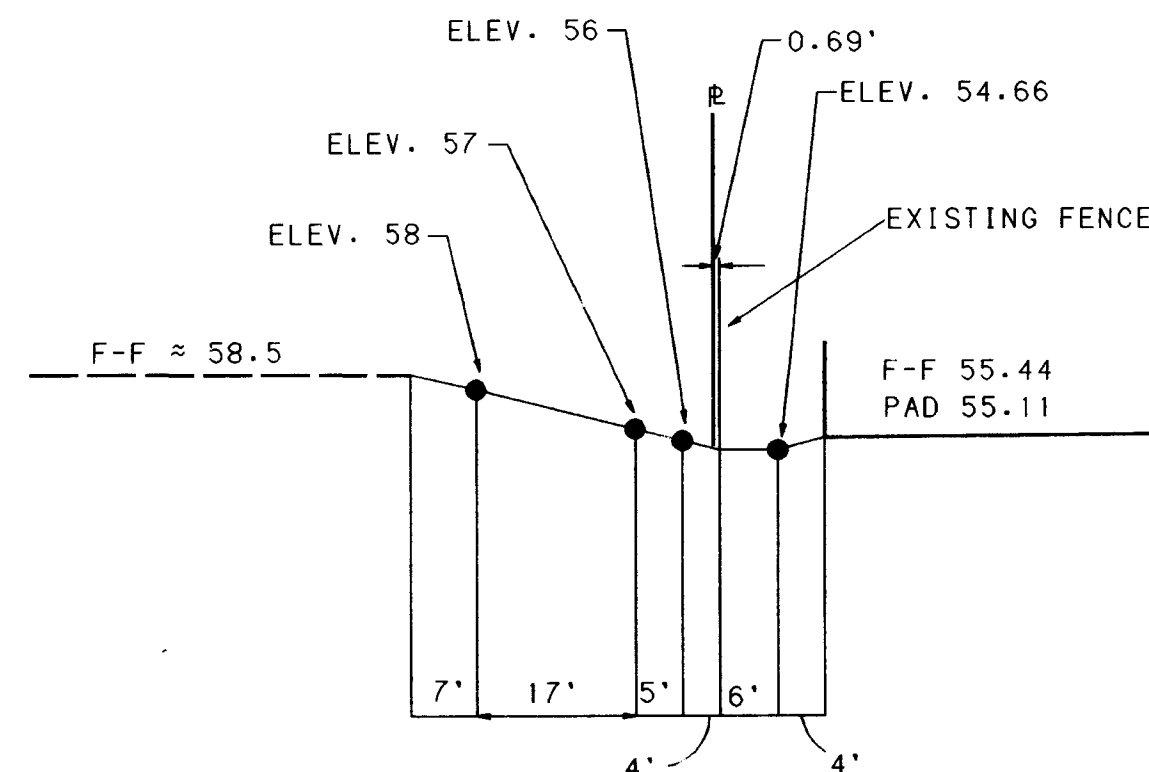
David C. Clausen N.M.L.S. # 6547

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING					
CACTUS POINTE SUBDIVISION STORM DRAIN OUTFALL PLAN & PROFILE & DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	10-10-94	11-10-94	WATER	68K	10/16/94
TRANSPORTATION	10-27-94	10-27-94	WASTE WATER	10/16/94	10/16/94
HYDROLOGY	10-27-94	10-27-94	AMAFCA	10/16/94	10/16/94
DRAWING NO.	5047.90	MAP NO.	B-13-2	SHEET	17 OF 18



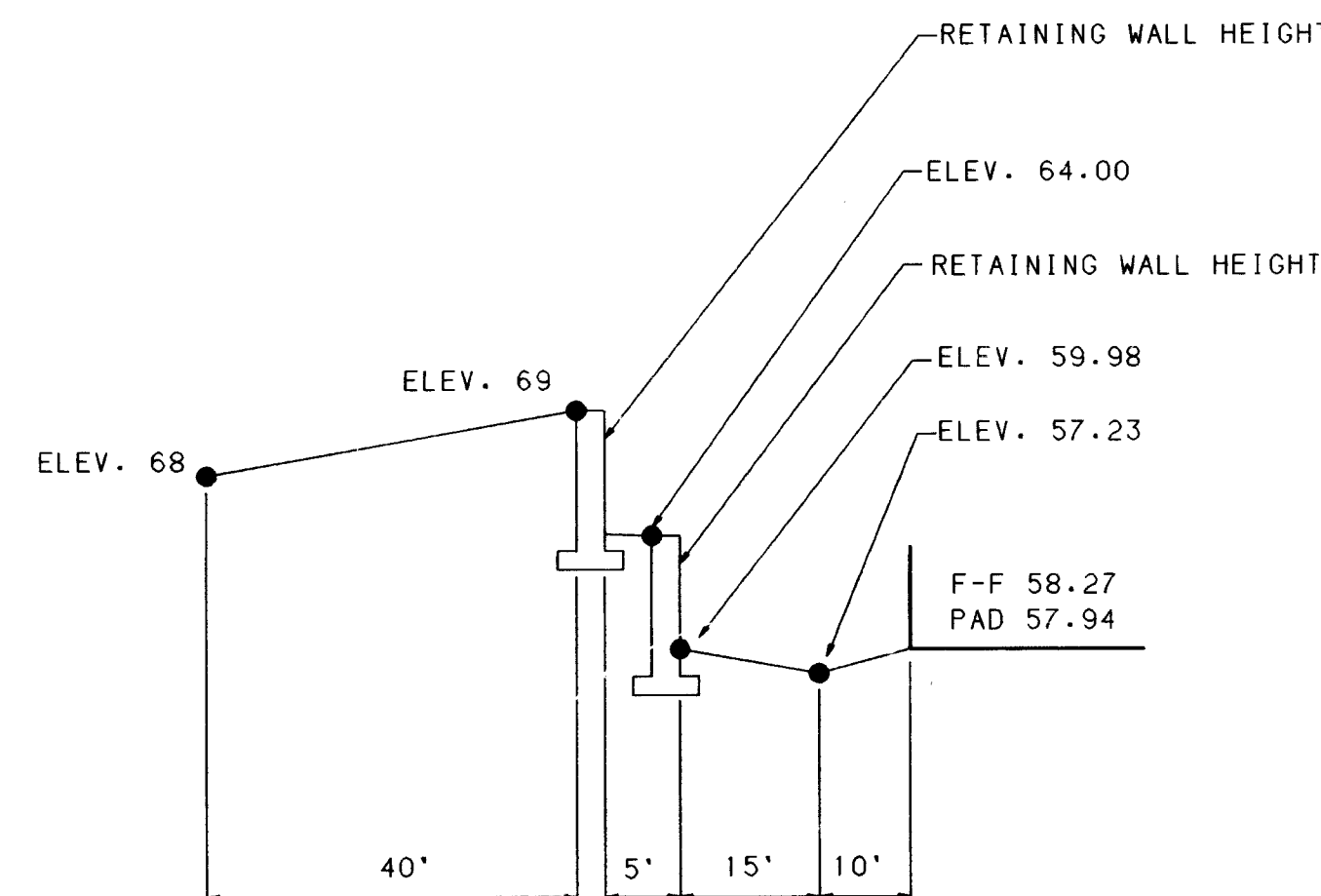
SECTION A-A

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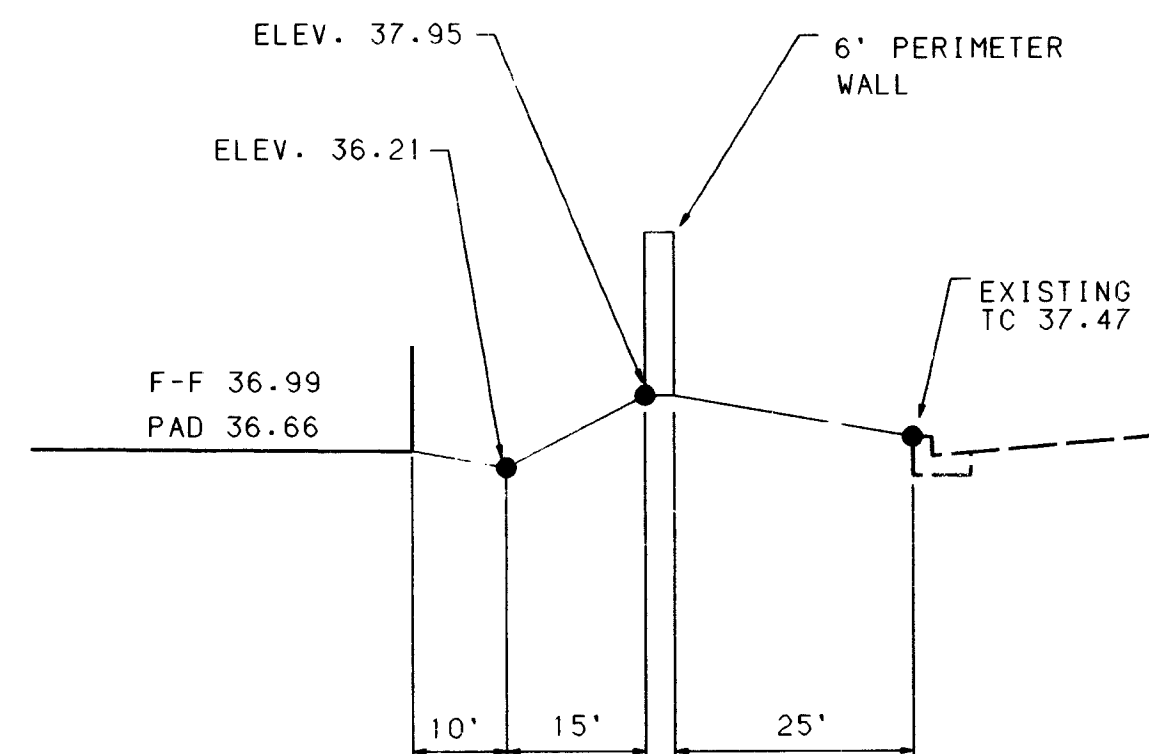
SECTION B-B

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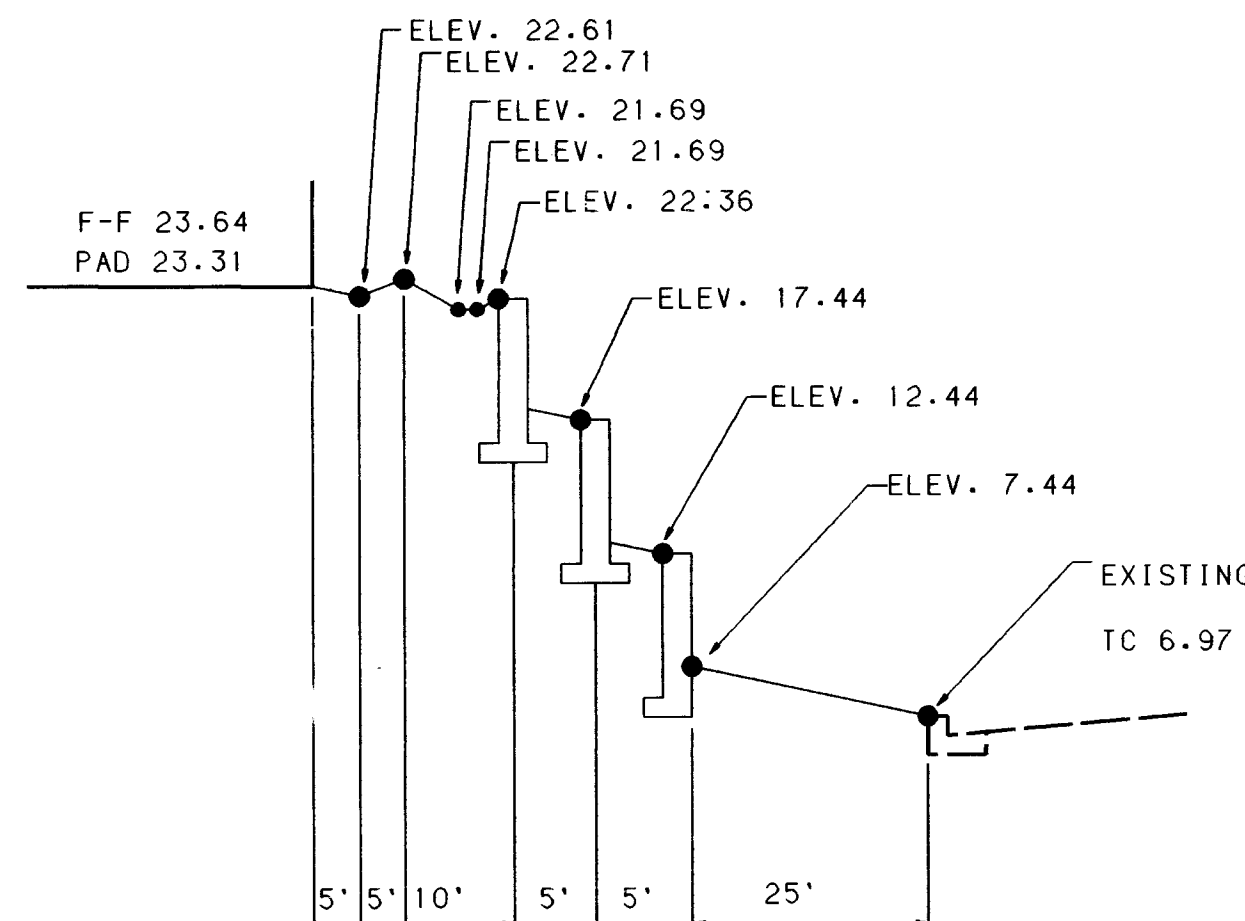
SECTION C-C

NO SCALE



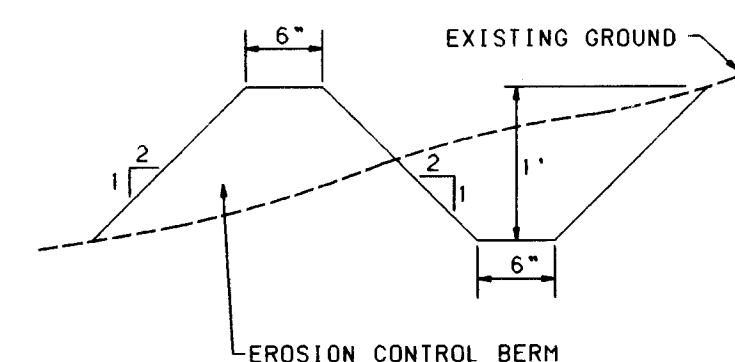
SECTION D-D

NO SCALE



SECTION E-E

NO SCALE



EROSION CONTROL PLAN

NO SCALE

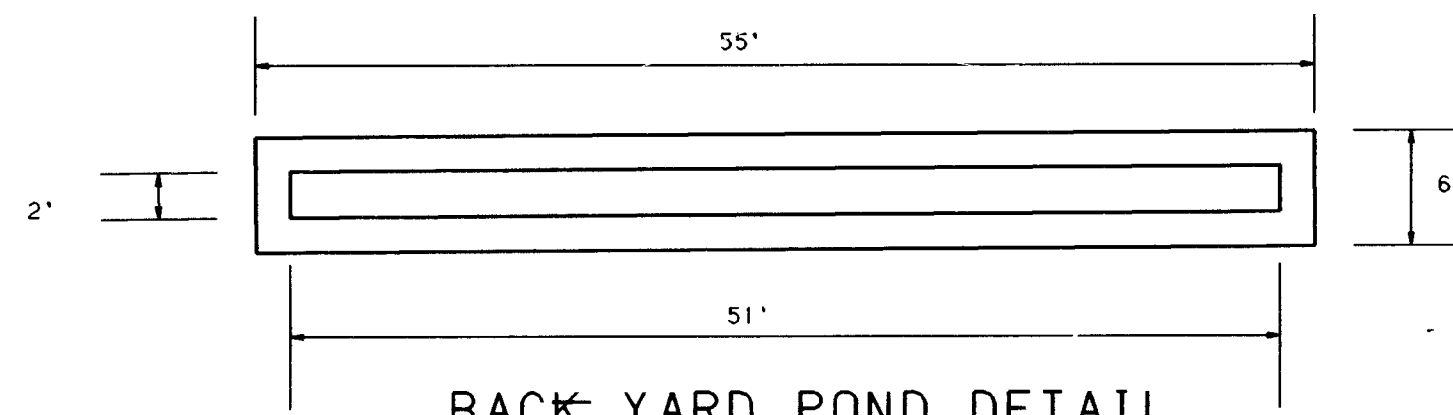
A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.

20-5047.910 1895



I, David C. Clausen, New Mexico Registered Land Surveyor No. 6547, do hereby certify the as-built information shown hereon is the result of a field survey performed by me or under my direct supervision, and that the same is true and correct.

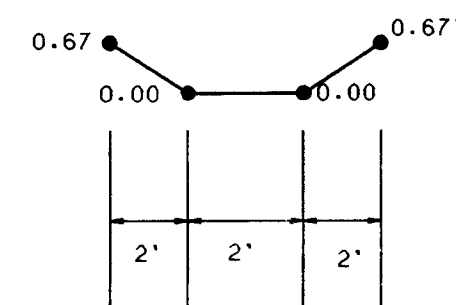
David C. Clausen
N.M.L.S. # 6547



BACK YARD POND DETAIL

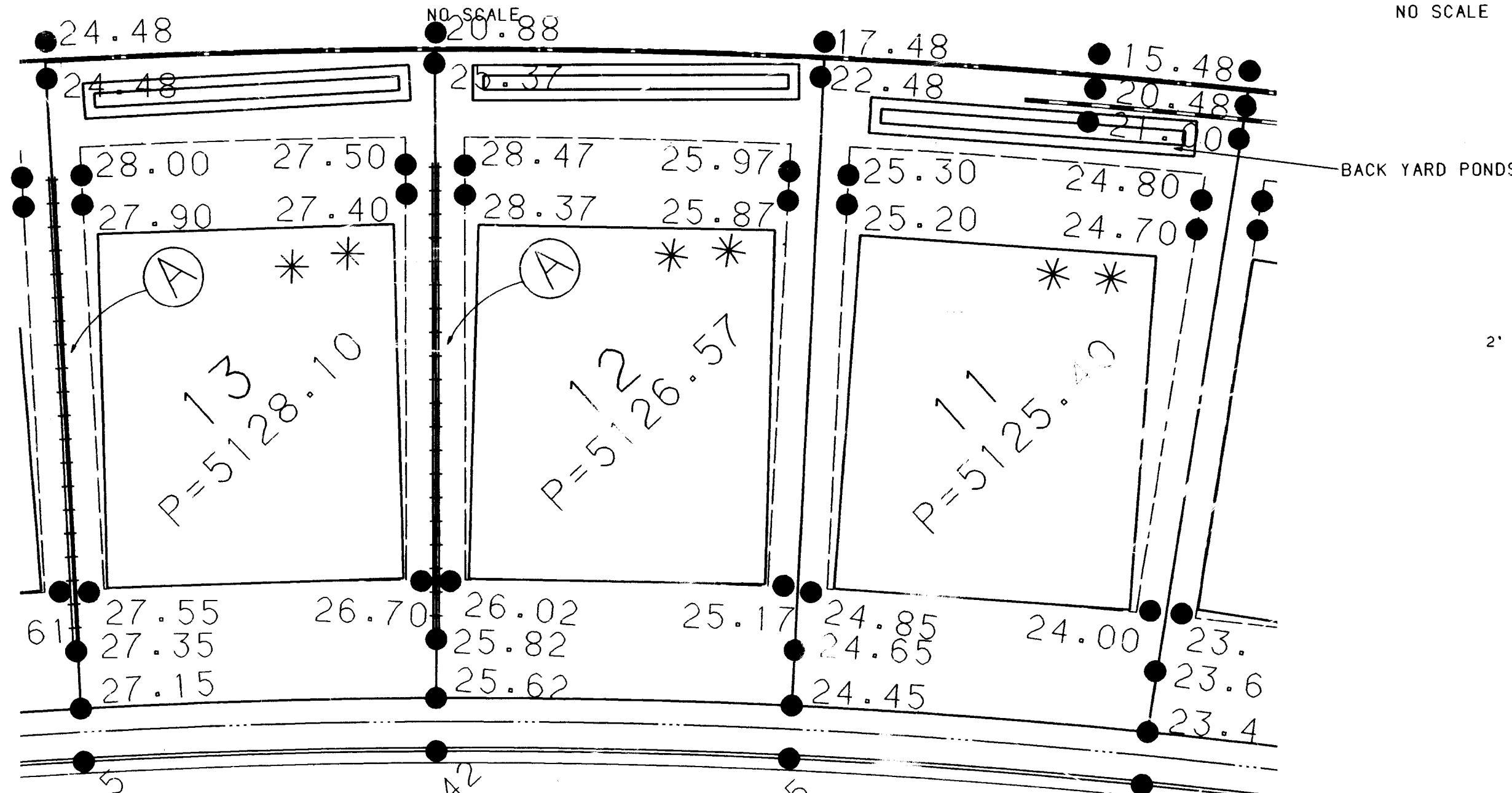
NO SCALE

TYPICAL BACK YARD POND VOLUME: 107 CF



BACK YARD POND SECTION

NO SCALE



TYPICAL BACK YARD POND LOCATIONS

NO SCALE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
CACTUS POINT SUBDIVISION DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>[Signature]</i>	11-10-94	WATER	<i>[Signature]</i>	11-10-94
TRANSPORTATION	<i>[Signature]</i>	10-27-94	WASTE WATER	<i>[Signature]</i>	10-27-94
HYDROLOGY	<i>[Signature]</i>	10-27-94			
DRAWING NO.	5047.90	MAP NO.	B-13-Z	SHEET	18 OF 18

BHI JOB NO. 93258.07

ANNED BY
BY LASON

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