

CONSTRUCTION DOCUMENTS

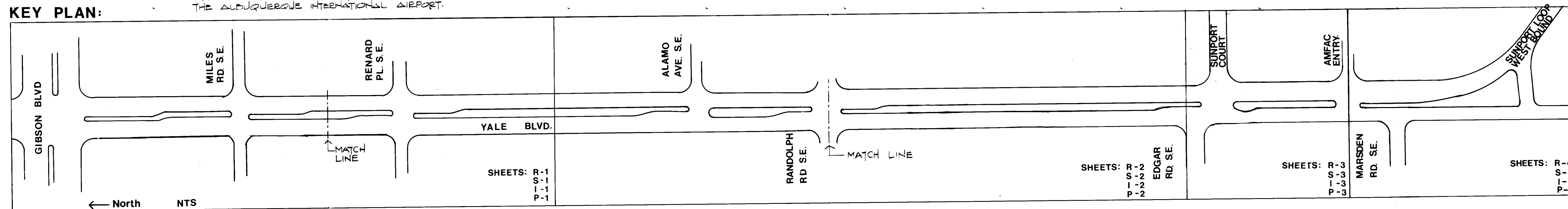
YALE BOULEVARD MEDIAN LANDSCAPING

CITY OF ALBUQUERQUE, NEW MEXICO

Parks and Recreation Department/Urban Enhancement Trust Fund Committee

Description of Work: CONSTRUCTION OF BRICK TERRACE WALLS, REGRADING, AND INSTALLATION OF PLANTING AND IRRIGATION IMPROVEMENTS AND RELATED WORK IN THE MEDIANS OF YALE BOULEVARD SE, BETWEEN GIBSON BOULEVARD SE, AND THE ALBUQUERQUE INTERNATIONAL AIRPORT.

KEY PLAN:



Index of Drawings:

Title	Sheet No.	Drawing No.
COVER	1	C-1
* EXISTING CONDITIONS AND REMOVAL PLAN	2	C-1
* EXISTING CONDITIONS AND REMOVAL PLAN	3	R-2
* EXISTING CONDITIONS AND REMOVAL PLAN	4	R-3
* EXISTING CONDITIONS AND REMOVAL PLAN	5	R-4
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* NOT IN THIS SET, MISSING SH. 2,3,4+5

Legend:

Item	Existing	New Work
PAVING EDGE		
TRAFFIC SIGN		
TELEPHONE POLE		
SIGNAL BOX		
TRAFFIC SIGNAL LIGHT		
POWER POLE		
LIGHT POLE		
FIRE HYDRANT		
WATER METER		
WATER VALVE		
DEPT. INLET		
CATTLEGUARD INLET		
MANHOLE		
MOUNTAIN DELL VAULT		

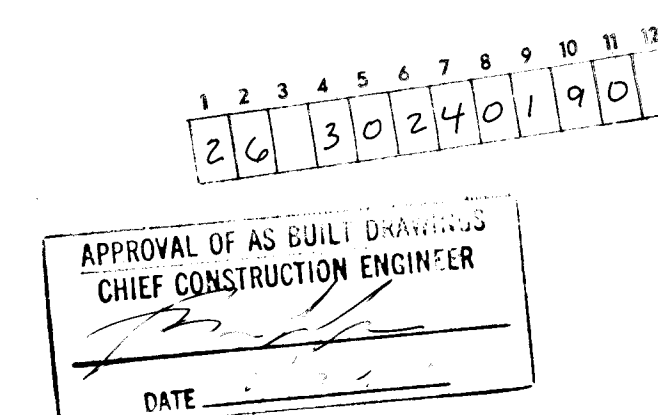
LIMITS OF EXCAVATION

SEE PLANTING PLAN & IRRIGATION PLAN FOR PLANTING & IRRIGATION SYMBOLS.

Bid Set Number: _____

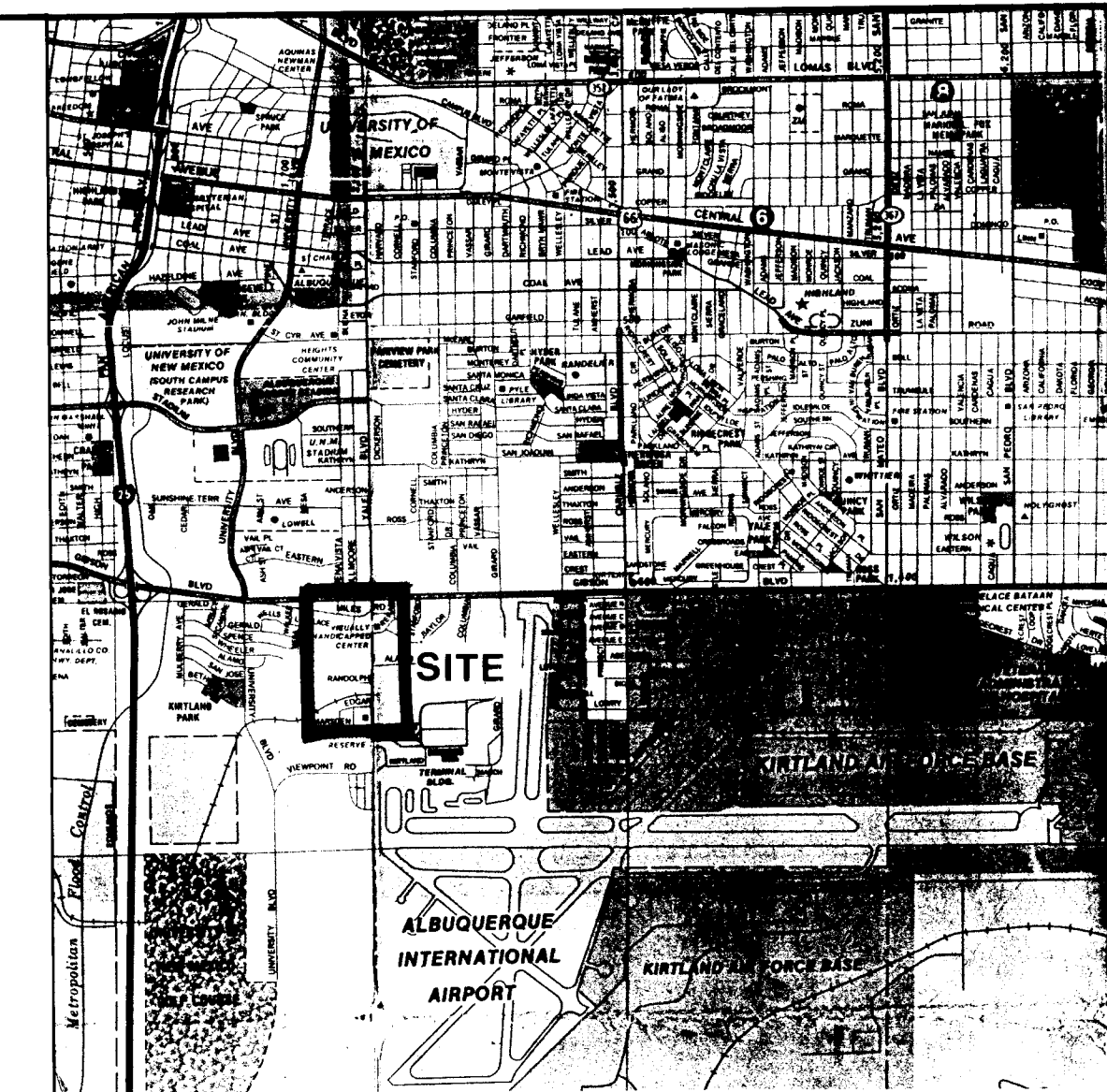
List of Abbreviations:

Abbreviation	Item
W	WATER MAIN LINE (EXIST)
SAS	SANITARY SEWER LINE (EXIST)
SD	STORM DRAIN (EXIST)
G	GAS LINE (EXIST)
OHP	OVERHEAD POWER (EXIST)
T	TELEPHONE (EXIST)
T.C.	TOP OF CURB
F.L.	FLOW LINE
P.T.	POINT OF TANGENCY



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
APPROVAL FOR REVISIONS							

Campbell Okuma Perkins Associates, Inc. Landscape Architecture and Site Planning 418 Central S.E. Albuquerque, NM 87102 (505) 242-9929	APPROVED FOR CONSTRUCTION C.E.
Project No. 3024	Sheet 1 of 21



Vicinity Map

General Notes

The CONTRACTOR shall be responsible for obtaining permits for traffic alterations during construction. Contact Traffic Engineering at 768-2780.

The CONTRACTOR shall contact Blue Stakes, Phone: 765-1234, to locate underground utilities 2 work days prior to beginning excavation in any given median.

The CONTRACTOR shall contact Traffic Engineering - Operations 823-4008 for removal and replacement of traffic signs.

The CONTRACTOR shall retain and protect all existing utilities. Any damage to existing utilities shall be repaired at CONTRACTORS expense.

All existing improvements are to remain, unless specifically noted to be removed. CONTRACTOR shall repair any CONTRACTOR-caused damage, as determined by the ENGINEER to existing improvements to the satisfaction of the OWNER at the CONTRACTOR's expense.

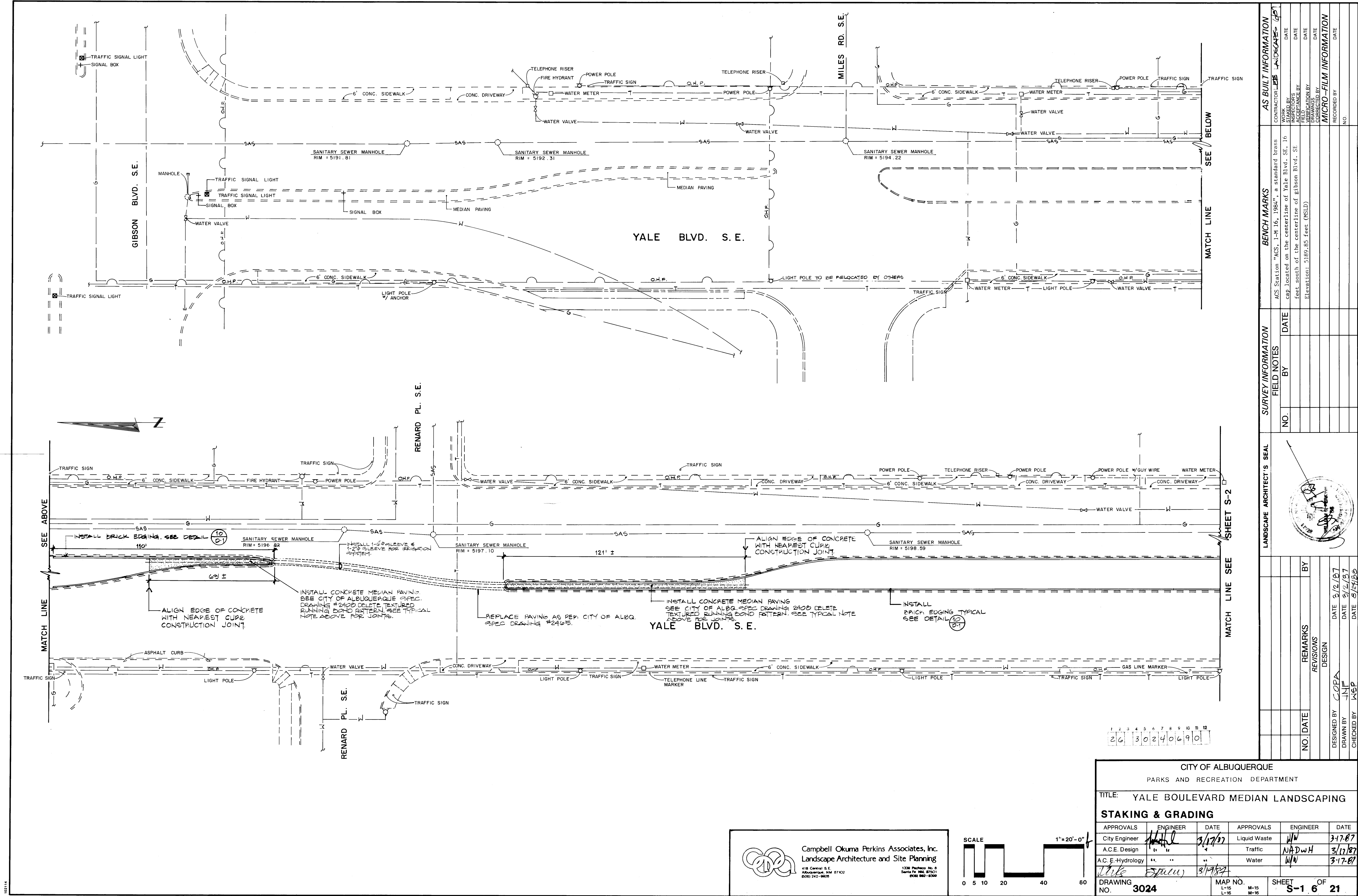
All work detailed on these plans to be performed under contract shall, except as otherwise noted or provided herein, be constructed in accordance with the specifications and contract documents "Yale Boulevard Median Landscaping."

Prior to construction the CONTRACTOR shall check all dimensions, horizontal and vertical, and shall excavate and verify the horizontal and vertical locations of all obstructions. Should a conflict exist, the CONTRACTOR shall notify the ENGINEER prior to construction so that conflict can be resolved with the minimum amount of delay.

Zone: Not zoned.
Legal Description: Yale Boulevard SE from Gibson Boulevard SE to the Albuquerque International Airport.

For purposes of this project the term ENGINEER shall refer to either the OWNER's Employee or the Landscape Architect responsible for Construction Inspection of the project.

All references to compacted backfill or compacted subgrade shall mean soil compacted to 95% of maximum density as determined by ASTM D-1557, unless otherwise noted.

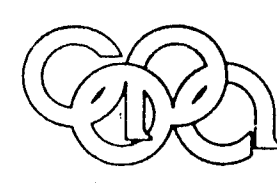


SURVEY INFORMATION				LANDSCAPE ARCHITECT'S SEAL		REVISIONS			
FIELD NOTES		BENCH MARKS		NO.	DATE	BY	DATE	DESIGN	REMARKS
NO.	BY	DATE	CONTRACTOR						
			ACS Station "ACS, 1-M 16, 1984", a standard brass cap located on the centerline of Yale Blvd. SE, 16 feet south of the centerline of Gibson Blvd. SE						
			Elevation: 5189.85 feet (MSLD)						
MICRO-FILM INFORMATION									
DRAWINGS				RECORDED BY		NO.		DATE	
CORRECTED BY				RECORDED BY		NO.		DATE	
DATE				NO.		DATE		DATE	



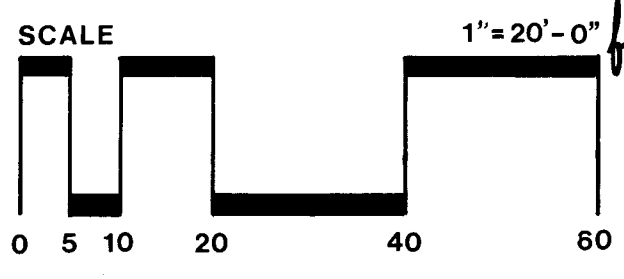
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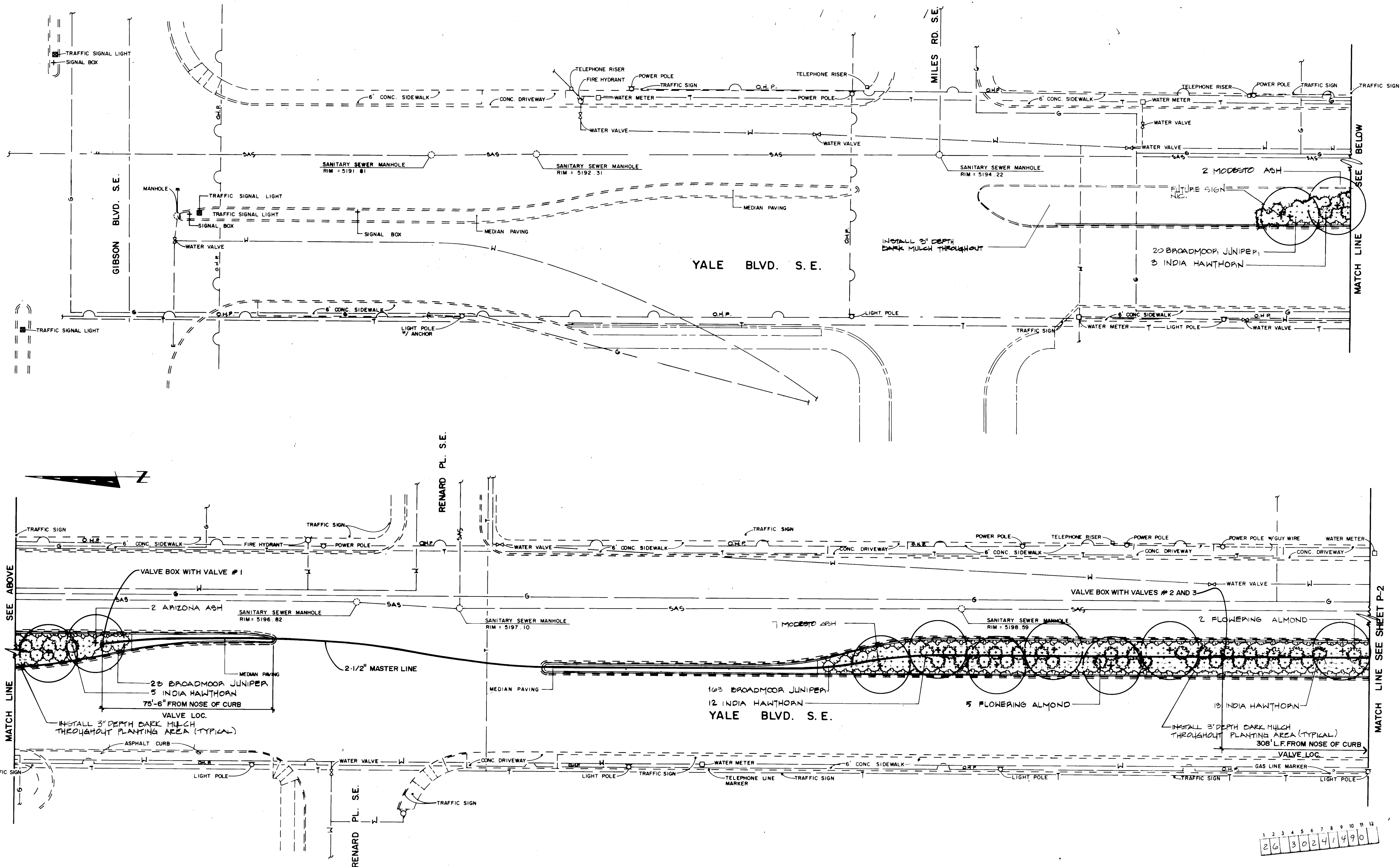
CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: YALE BOULEVARD MEDIAN LANDSCAPING			
STAKING & GRADING			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>[Signature]</i>	3/17/87	Liquid Waste
A.C.E. Design	" "	" "	Traffic
A.C.E. Hydrology	" "	" "	Water
<i>[Signature]</i>	<i>[Signature]</i>	3/17/87	
DRAWING NO. 3024	MAP NO. L-15 M-15	SHEET S-1 6 21	



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9828

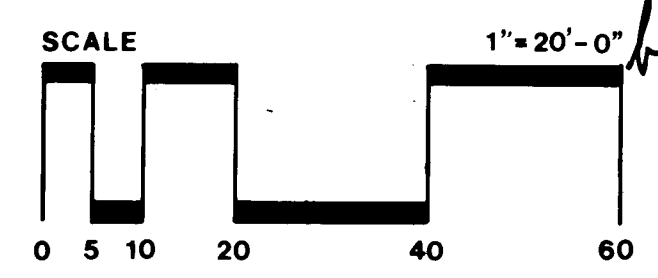
1330 Pacheco No. 2
Santa Fe, NM 87501
(505) 962-2539





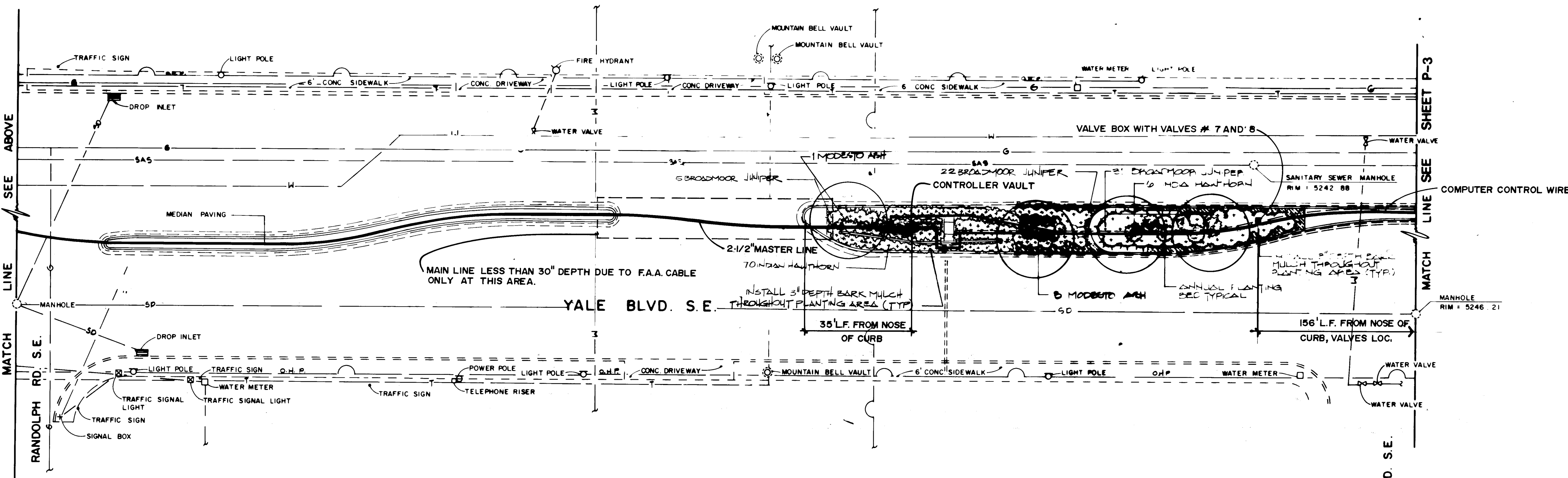
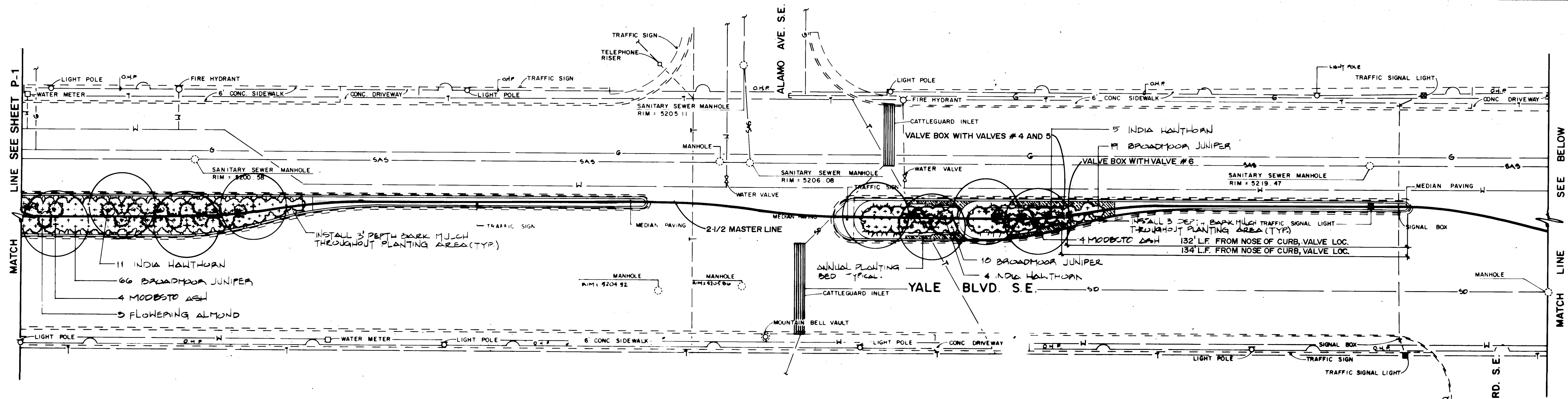
NOTE:
SEE SHEET P-4 FOR PLANTING NOTES

Campbell Oluma Perkins Associates, Inc.
Landscape Architecture and Site Planning
616 Central S.E.
Albuquerque, NM 87102
(505) 241-2000

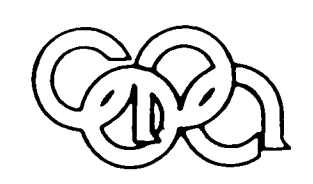


CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT					
TITLE: YALE BOULEVARD MEDIAN LANDSCAPING					
PLANTING PLAN MAINLINE LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/17/87	Liquid Waste	<i>[Signature]</i>	3-17-87
A.C.E. Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	3-17-87
A.C.E. Hydrology	<i>[Signature]</i>		Water	<i>[Signature]</i>	3-17-87
DRAWING NO. 3024		MAP NO. L-15 M-15 L-16 M-16		SHEET 14 OF 21	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		LANDSCAPE ARCHITECT'S SEAL	
CONTRACTOR	DATE	NO.	DATE	NO.	DATE		
INSPECTED BY	DATE	BY	DATE	BY	DATE		
FIELD VERIFICATION BY	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							



1	2	3	4	5	6	7	8	9	10	11	12
26	30	24	15	9	0						



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
1100 Central S.E.
Albuquerque, New Mexico 87102
(505) 241-1000

AS BUILT INFORMATION										BENCH MARKS			SURVEY INFORMATION			LANDSCAPE ARCHITECT'S SEAL											
CONTRACTOR LEE LANDSCAPES																											
WORK										FIELD NOTES																	
STARTED BY										BY			DATE														
DATE																											
ACCEPTANCE BY																											
FIELD																											
DRAWING																											
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DATE																											
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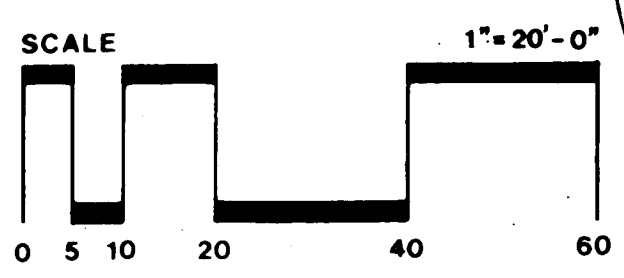
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

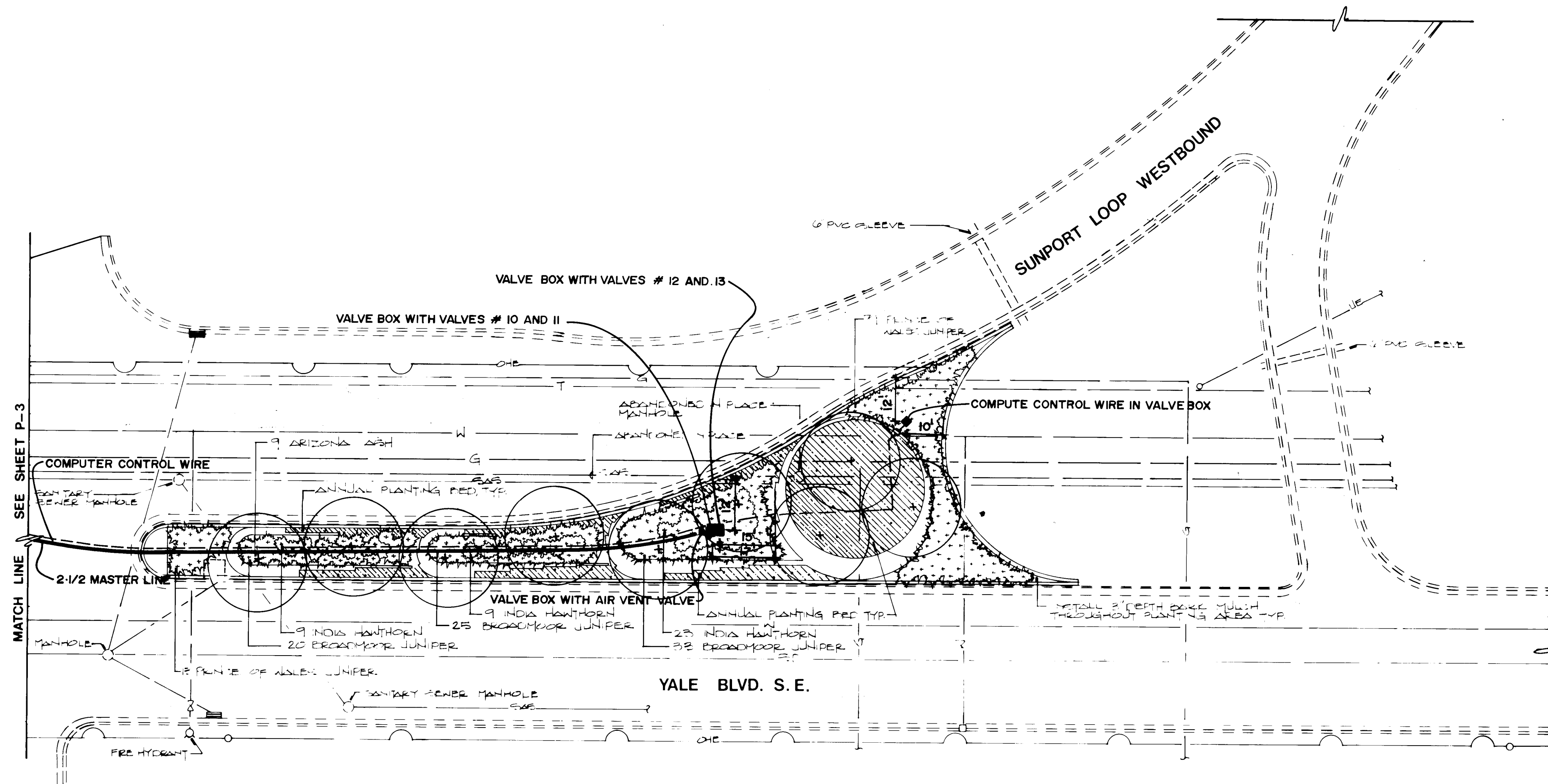
TITLE: YALE BOULEVARD MEDIAN LANDSCAPING

PLANTING PLAN MAIN LINE LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/7/88	Liquid Waste	<i>[Signature]</i>	3/8/88
A.C.E. Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	3/8/88
A.C.E. Hydrology	<i>[Signature]</i>		Water	<i>[Signature]</i>	3/8/88

DRAWING NO. **3024** MAP NO. **L-15 M-15** SHEET **P-2** OF **15**





PLANT SCHEDULE				
APPROX. QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE CONDITION	NOTES
25 9	FRAXINUS VELUTINA 'MODESTO'	MODESTO ASH	2 1/4" BOXED	MATCHED STANDARDS 24" BOX
	FRAXINUS VELUTINA	ARIZONA ASH	2 1/2" BOXED	MATCHED STANDARDS 30" BOX
609 10	JUNIPERUS SABINA 'BROADMOOR'	BROADMOOR JUNIPER	5 GALLON	APPROXIMATE SPACING 5' O.C.
263	PRUNUS GLANDULOSA	FLOWERING ALMOND	5 GALLON	APPROXIMATE SPACING 6' O.C.
179	RAPHIOLEPIS INDOCA 'JACK EVANS'	INDIAN HAWTHORN	5 GALLON	APPROXIMATE SPACING 4' O.C.
	JUNIPERUS HORIZONTALIS 'PRINCE OF WALES'	PRINCE OF WALES JUNIPER	5 GALLON	APPROXIMATE SPACING 4' O.C.
		ANNUAL PLANTING BED		CONTRACTOR TO PREPARE SOIL, SEE SPECS. ANNUALS TO BE PLANTED BY THE CITY OF ALBUQUERQUE PARKS MANAGEMENT DIVISION.

NOTES

- NO TREE SHALL BE PLANTED CLOSER THAN 6'-0" TO THE FACE OF CURB.
- HEIGHT TO LOW BRUSH TO BE A MINIMUM OF 5'-0" AND MAXIMUM OF 7'-0" ABOVE TOP OF RUT/PAV. ON ALL TREES. TREES TO BE MATCHING. SEE SPECS.
- PREPARE PLANTING SOIL FOR ANNUAL BEDS IN ALL PLACES AS SHOWN ON THE PLANTING PLAN. WITH OR W/O NEED TO BE TREATED TO BE 8'-0" WIDE WHERE ANNUAL BED IS NOT BETWEEN DRIVE BERING AND RETAINING WALL.
- INSTALL TREES AS PER 1 DIT.
- INSTALL SHRUBS AS PER 2 DIT.
- PAVING CONFIGURATION AS SHOWN ON SHEETS P-1, P-2, P-3, & P-4 ARE APPROXIMATE ONLY. SEE SHEETS S-1, S-2, S-3, & S-4 FOR PAVING CONFIGURATIONS.
- PLANT QUANTITIES IN PLANT SCHEDULE ARE APPROXIMATE ONLY. CONTRACTOR IS TO PROVIDE AND INSTALL PLANTS AS SHOWN ON THE PLANTING PLAN.
- SHRUB SPACING AS NOTED IN PLANT SCHEDULE ARE APPROXIMATE ONLY. LOCATE PLANTS AS SHOWN ON THE PLANTING PLANS AND AS APPROVED BY THE ENGINEER.

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



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, N.M. 87102
(505) 242-9928

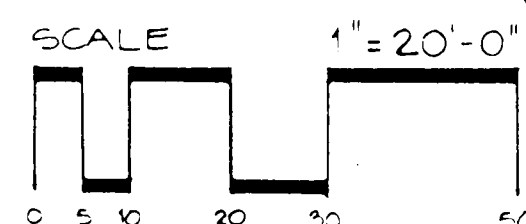
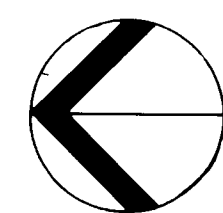
1329 Parkway, N.W.
Suite 200, P.O. Box 8700
Albuquerque, N.M. 87103
(505) 962-6399

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: YALE BOULEVARD MEDIAN LANDSCAPING
PLANTING PLAN MAIN LINE LAYOUT

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	ACE Design	3/6/88	Liquid Waste	ACE Design	3/6/88
ACE Design	ACE Hydrology	3/6/88	Traffic	ACE Design	3/6/88
ACE Hydrology	Parks	3/6/88	Water	ACE Design	3/6/88

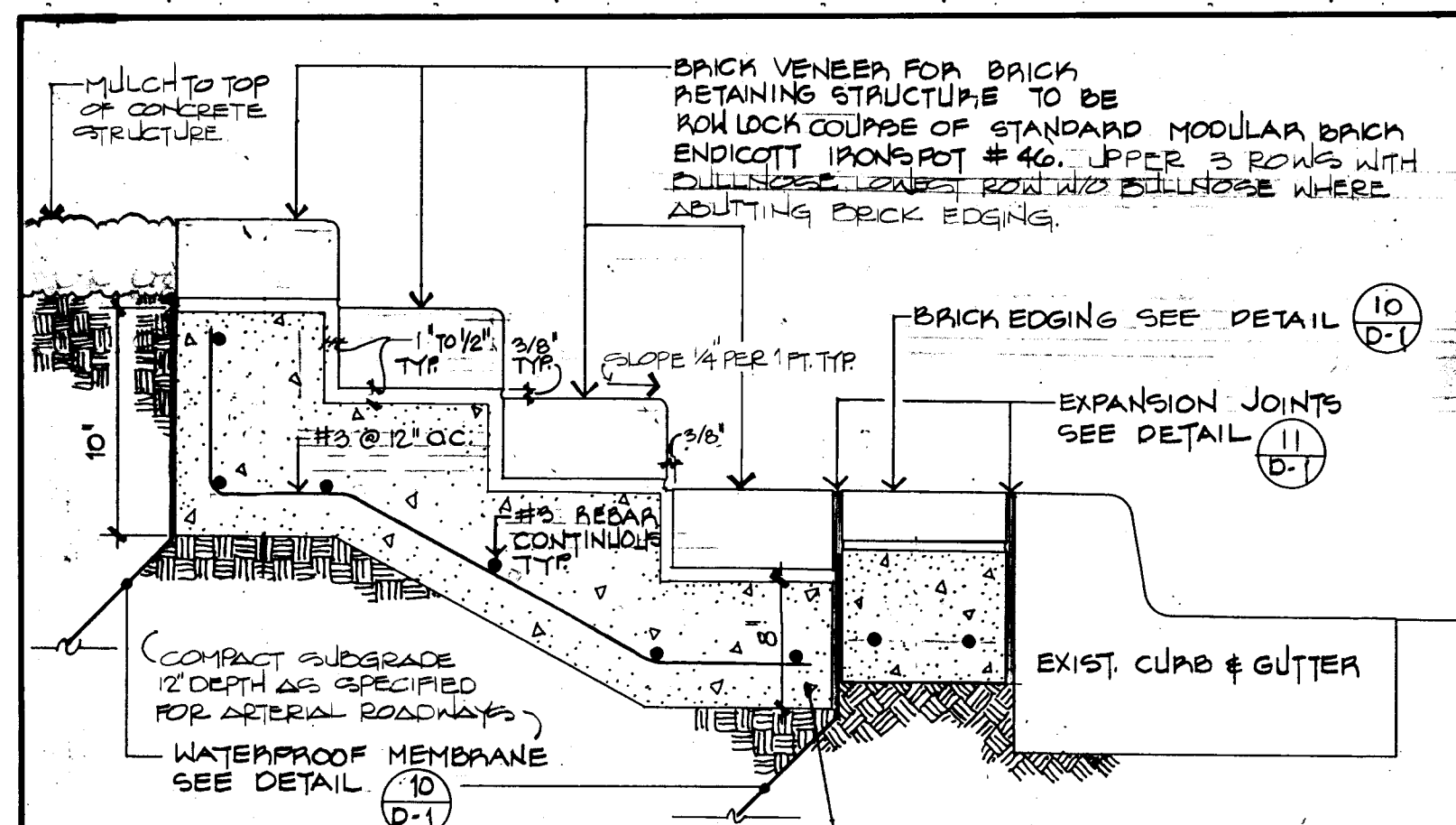
DRAWING NO.	MAP NO.	SHEET OF
3024	L-15 L-16	P-4 17 21



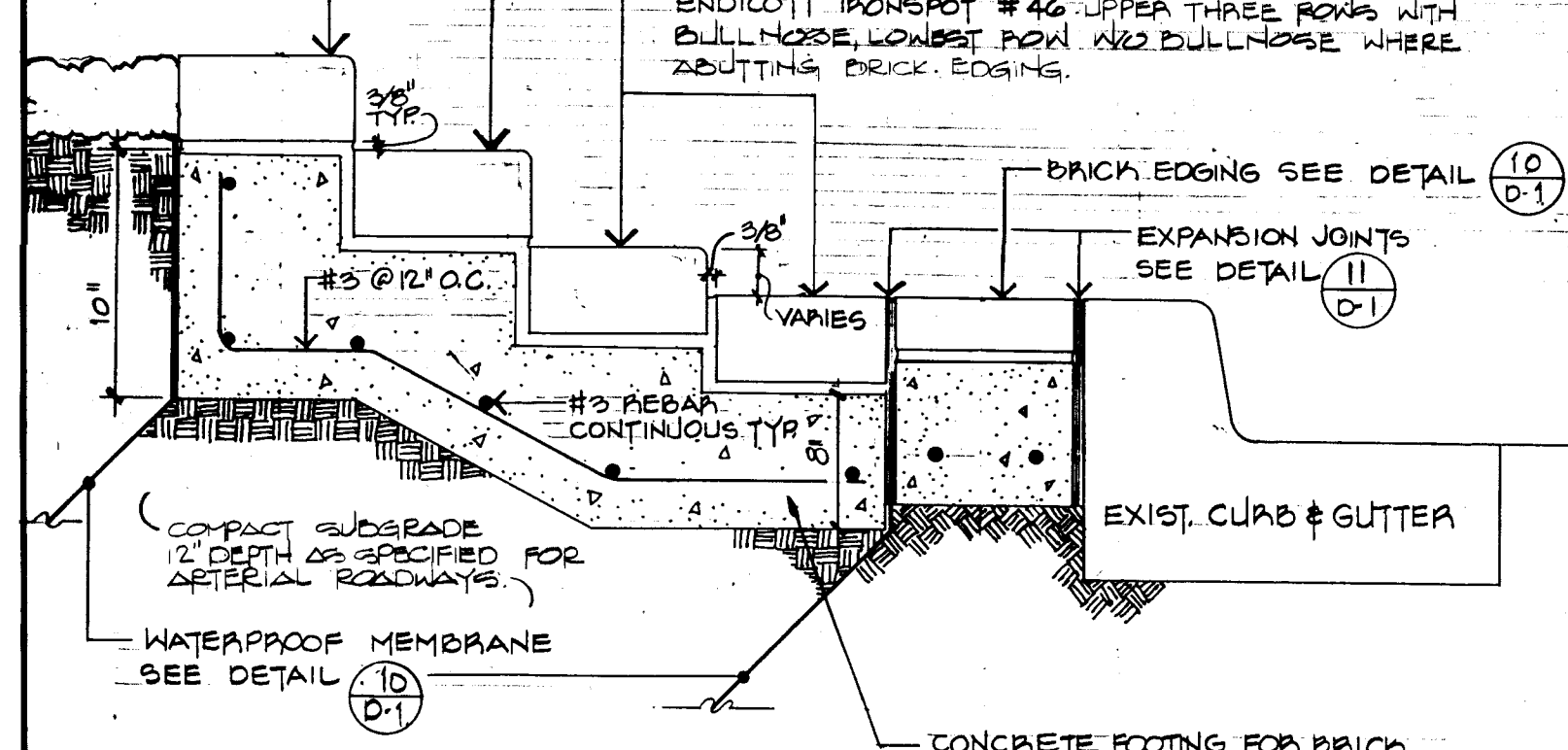
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CONTRACTOR FOR LANDSCAPES	JULIE M&A			FIELD NOTES	DATE		
WORK	DATE			BY	DATE		
STATE BY	DATE						
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FIELD ACCEPTANCE BY	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION	DATE						
RECORDED BY	DATE						
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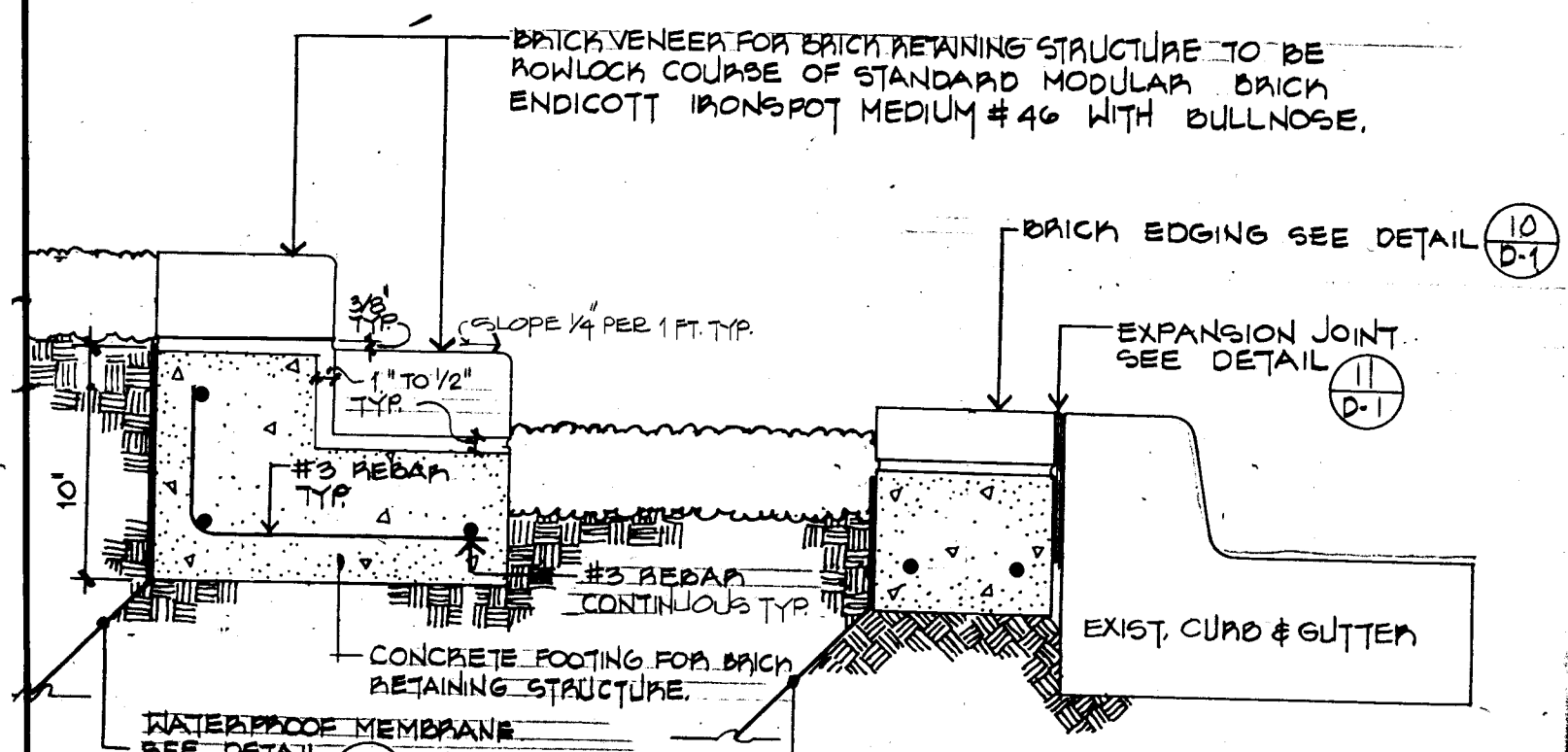
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DESIGNED BY	COFA	2/2/88
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CHECKED BY	WSP	7/13/88



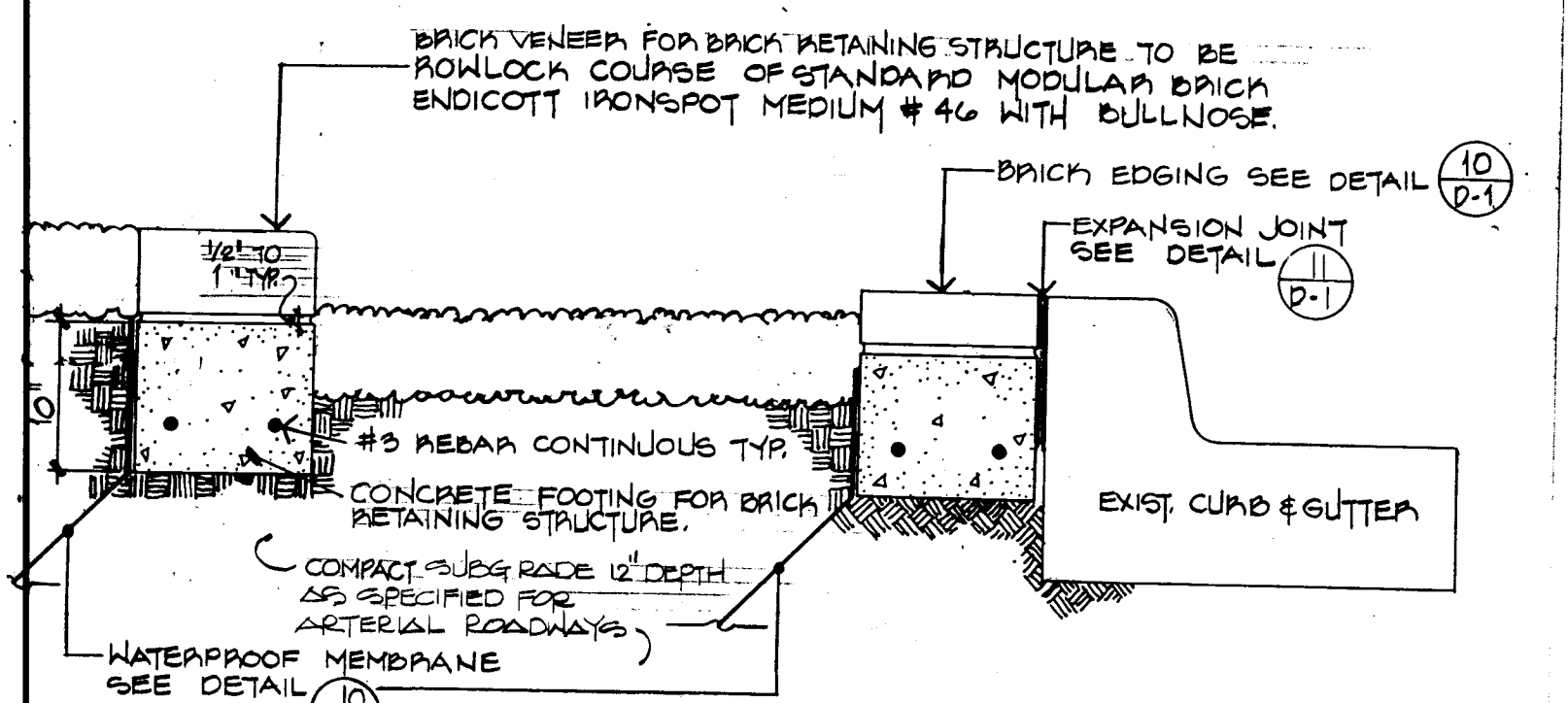
1 RETAINING STRUCTURE - SECTION
D1



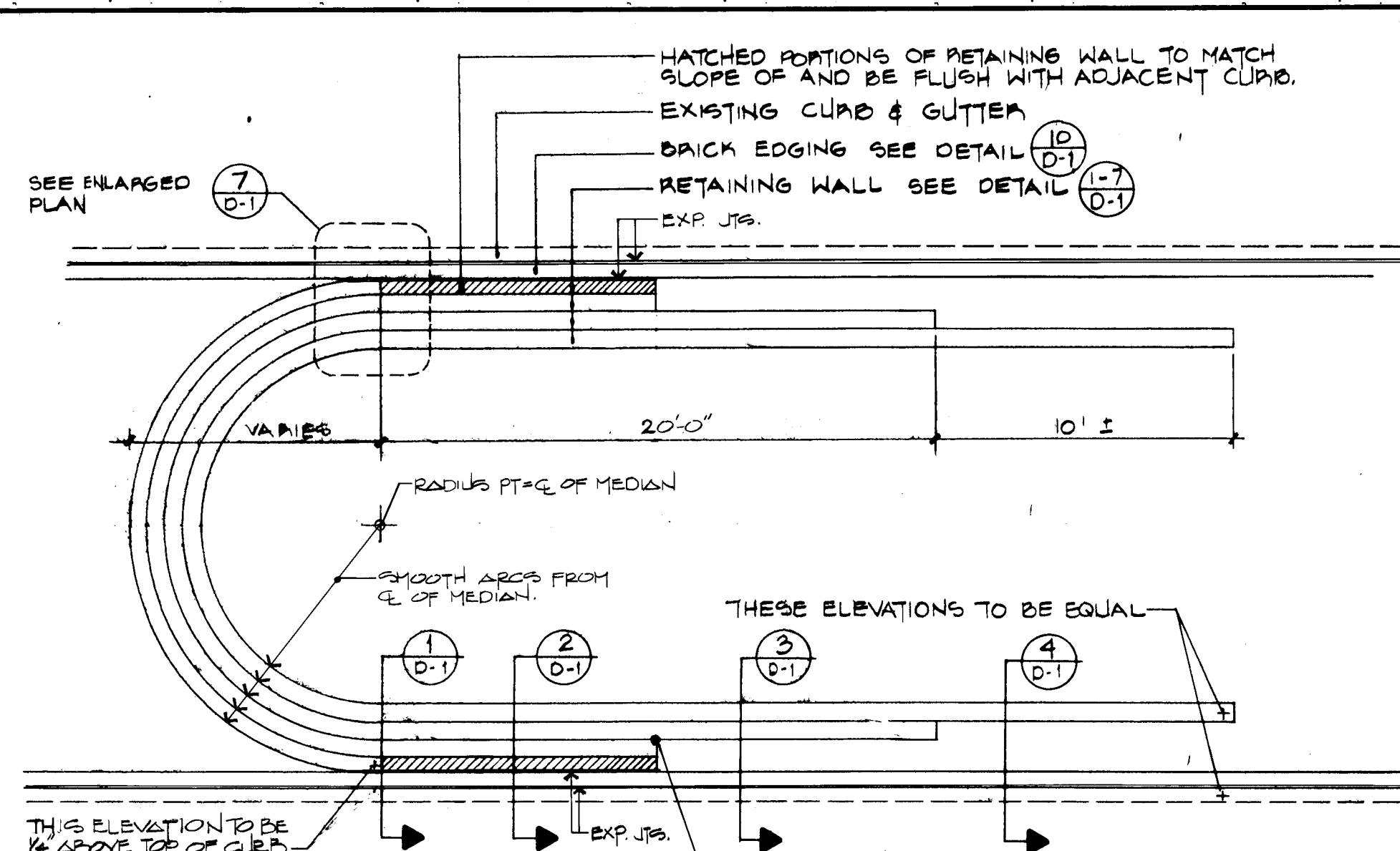
2 RETAINING STRUCTURE - SECTION
D1



3 RETAINING STRUCTURE - SECTION
D1

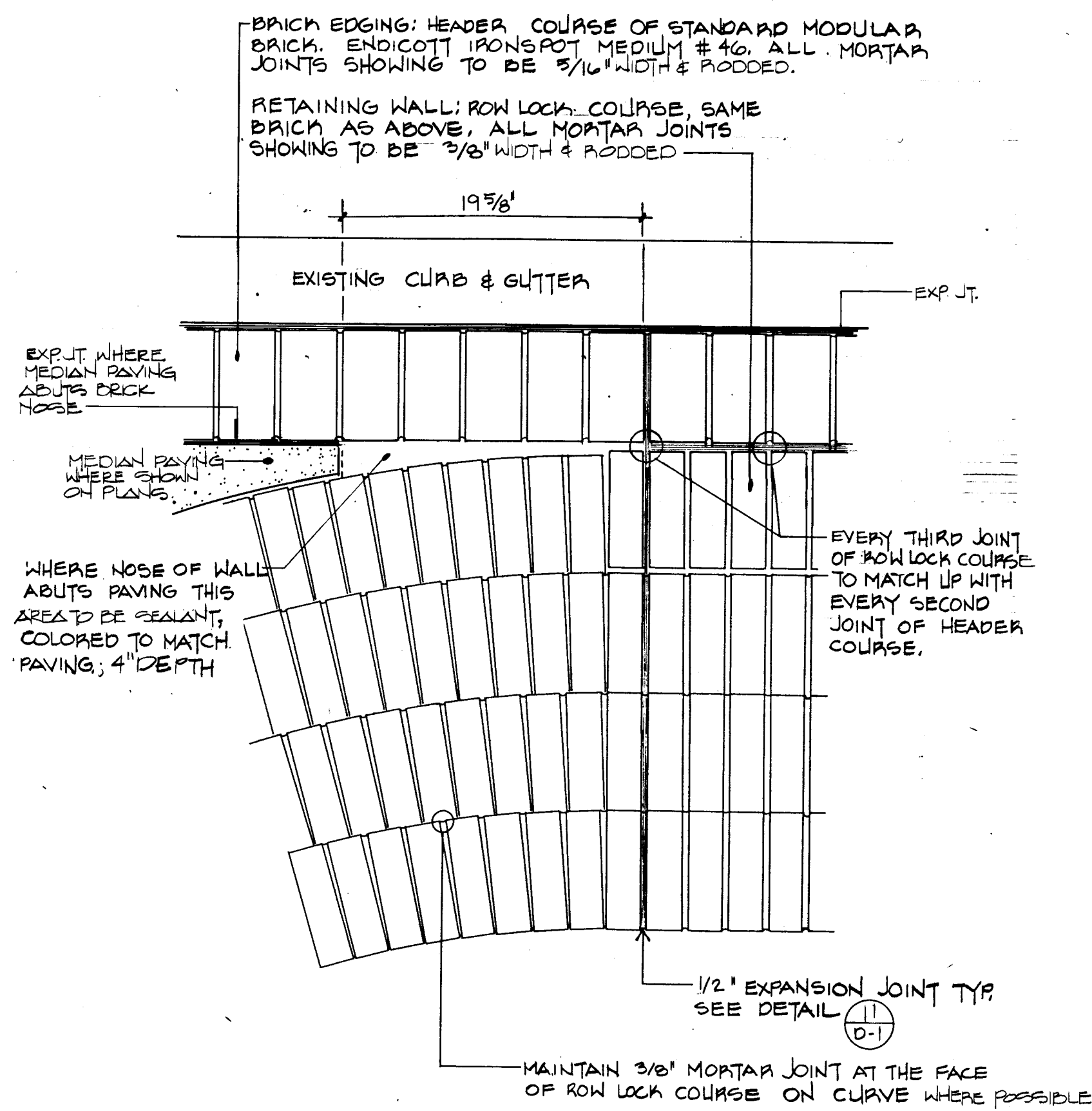


4 RETAINING STRUCTURE - SECTION
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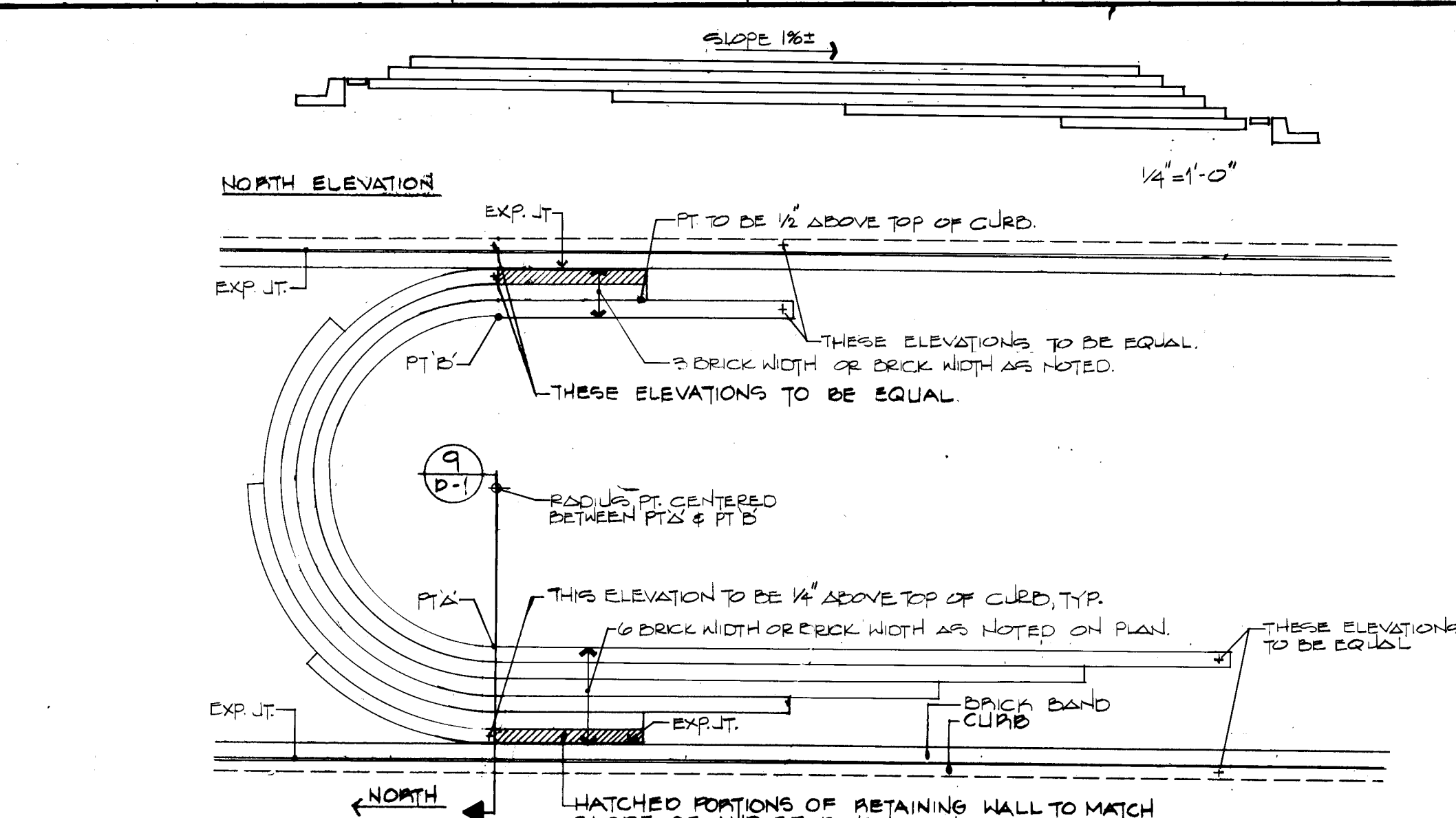


5 WALL TYPE "A" - PLAN
D1

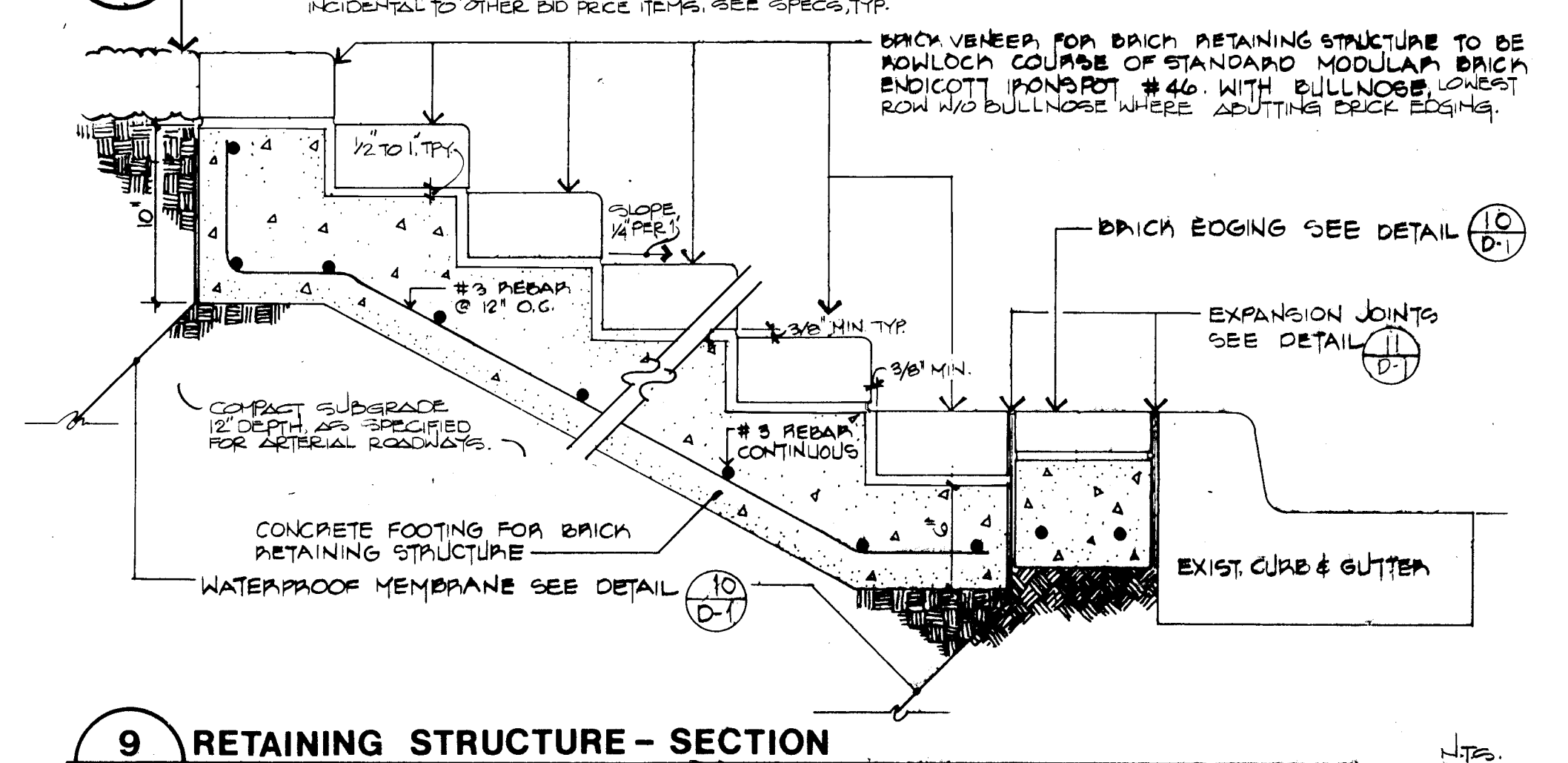
6 WALL TYPE "A" - ELEVATION
D1



7 ENLARGED PLAN
D1

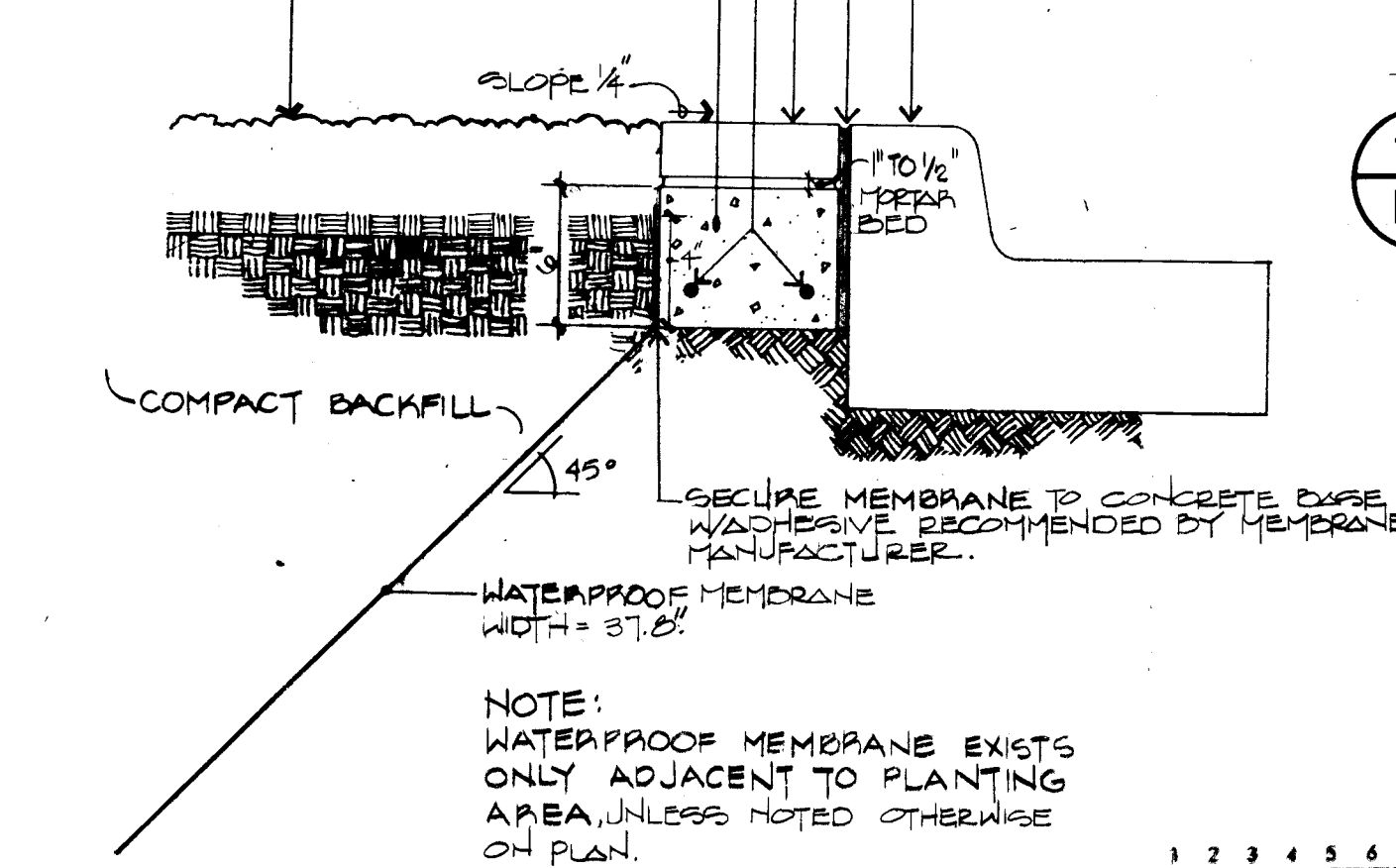


8 WALL TYPE "B" - PLAN & ELEVATION
D1

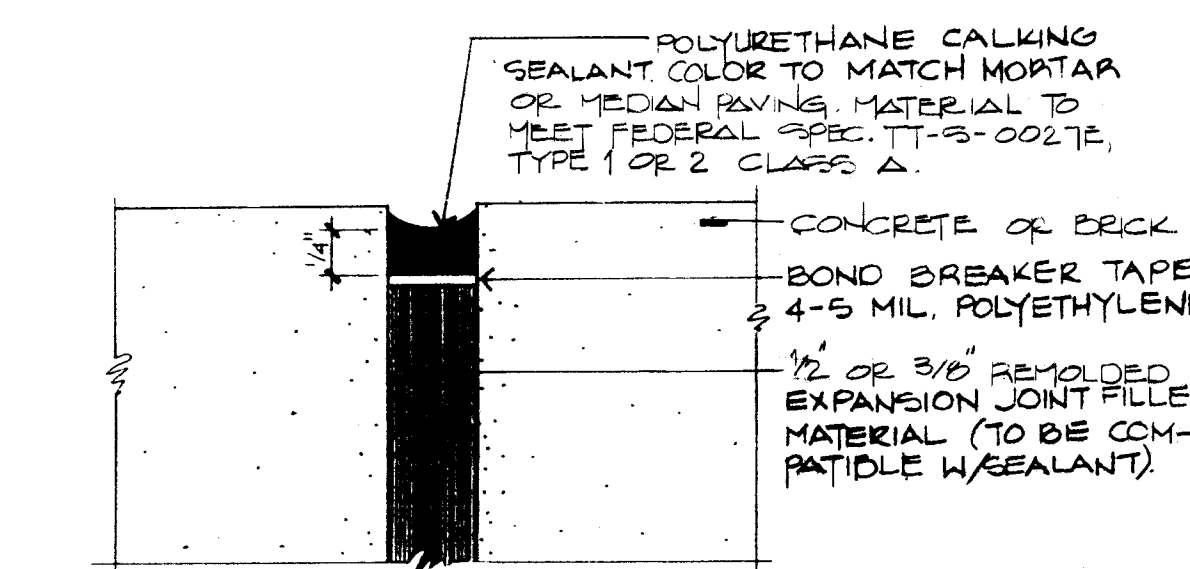


9 RETAINING STRUCTURE - SECTION
D1

ALIGN EXPANSION JOINTS WITH JOINTS IN CURB
MINIMUM 20'-0" O.C.
EXISTING CURB & GUTTER
EXPANSION JOINT SEE DETAIL (11 D-1)
4XB BRICK PAVEMENT (ACTUAL SIZE: 2 1/4\"/>



10 BRICK EDGING - SECTION
D1

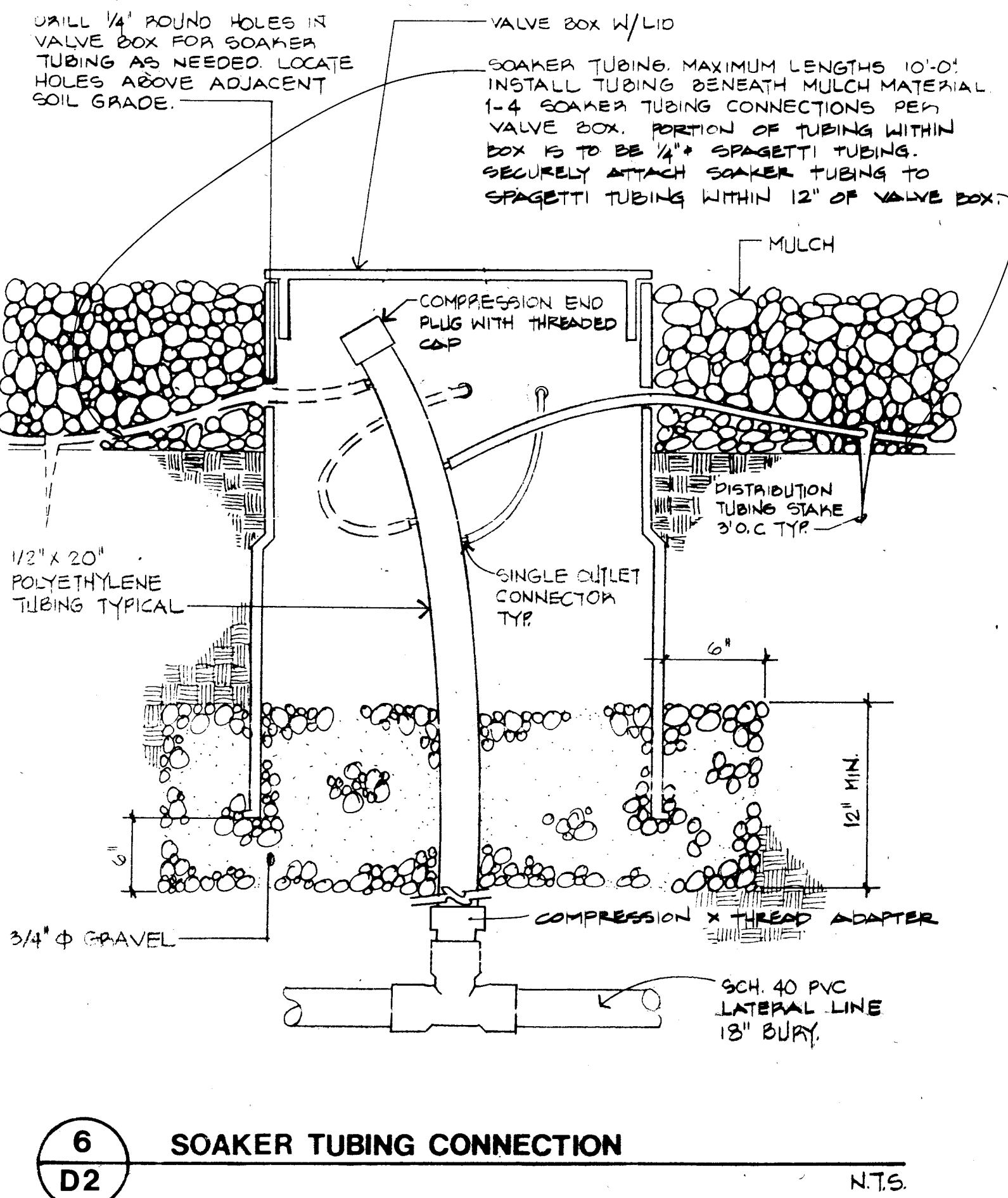
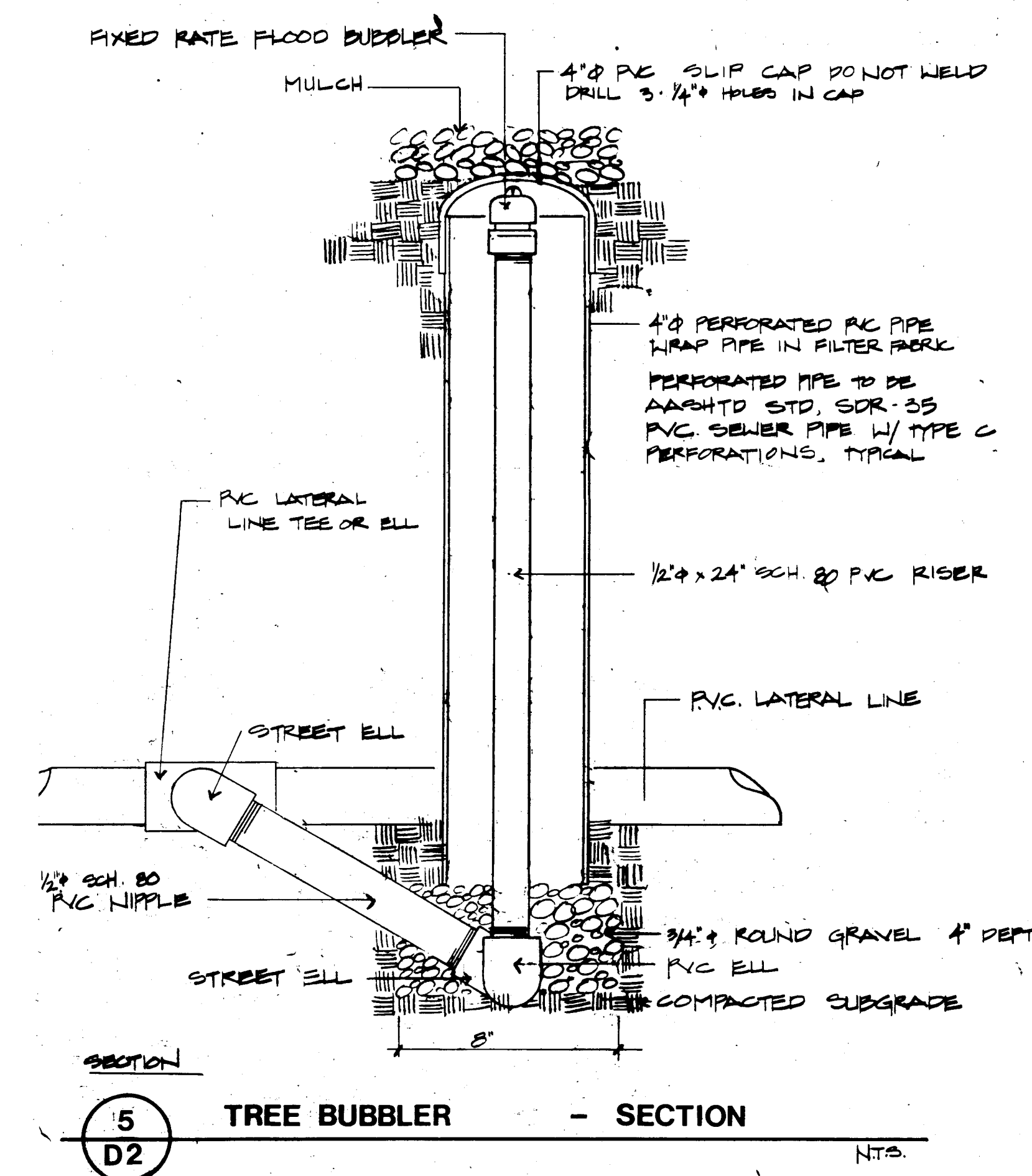
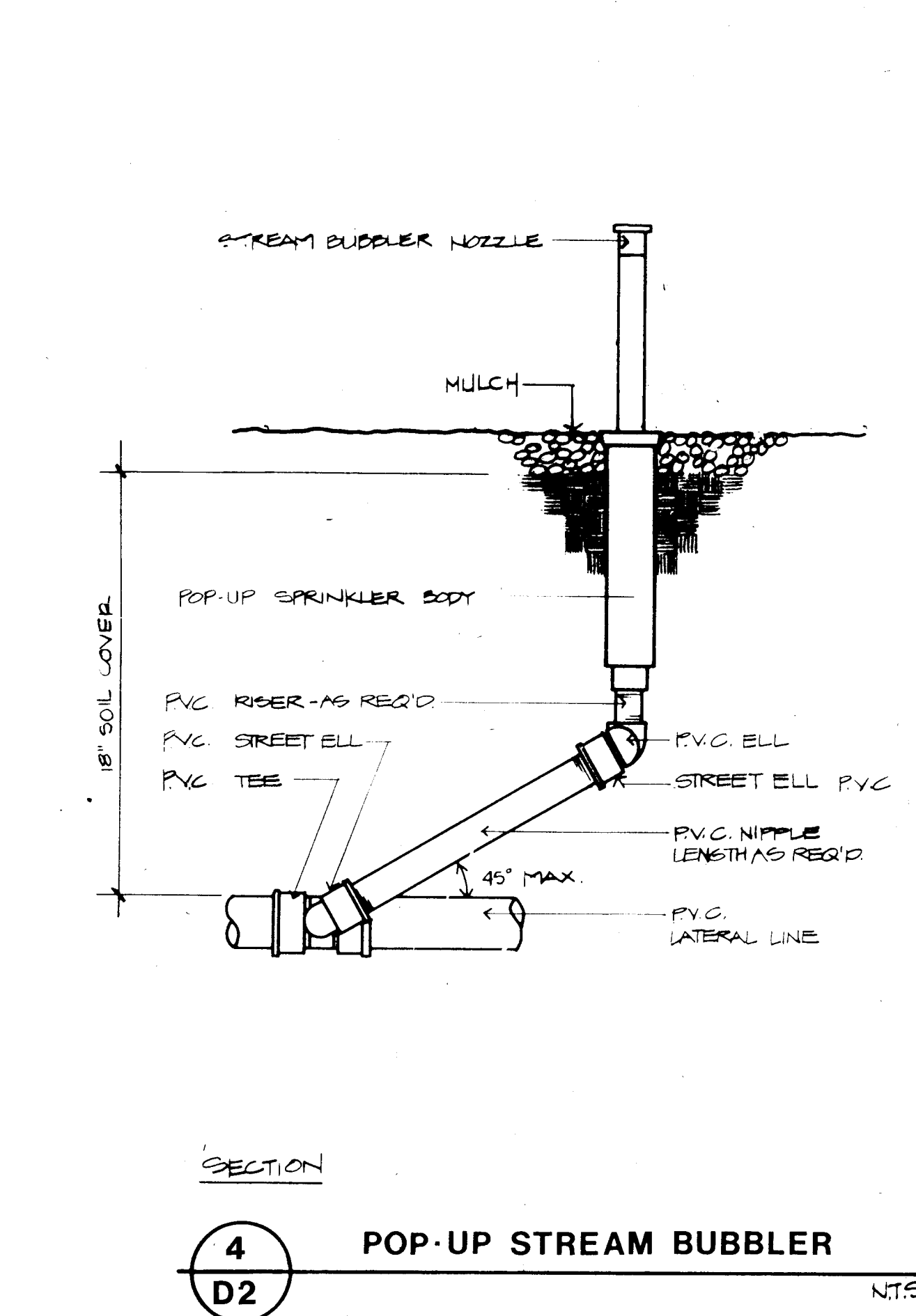
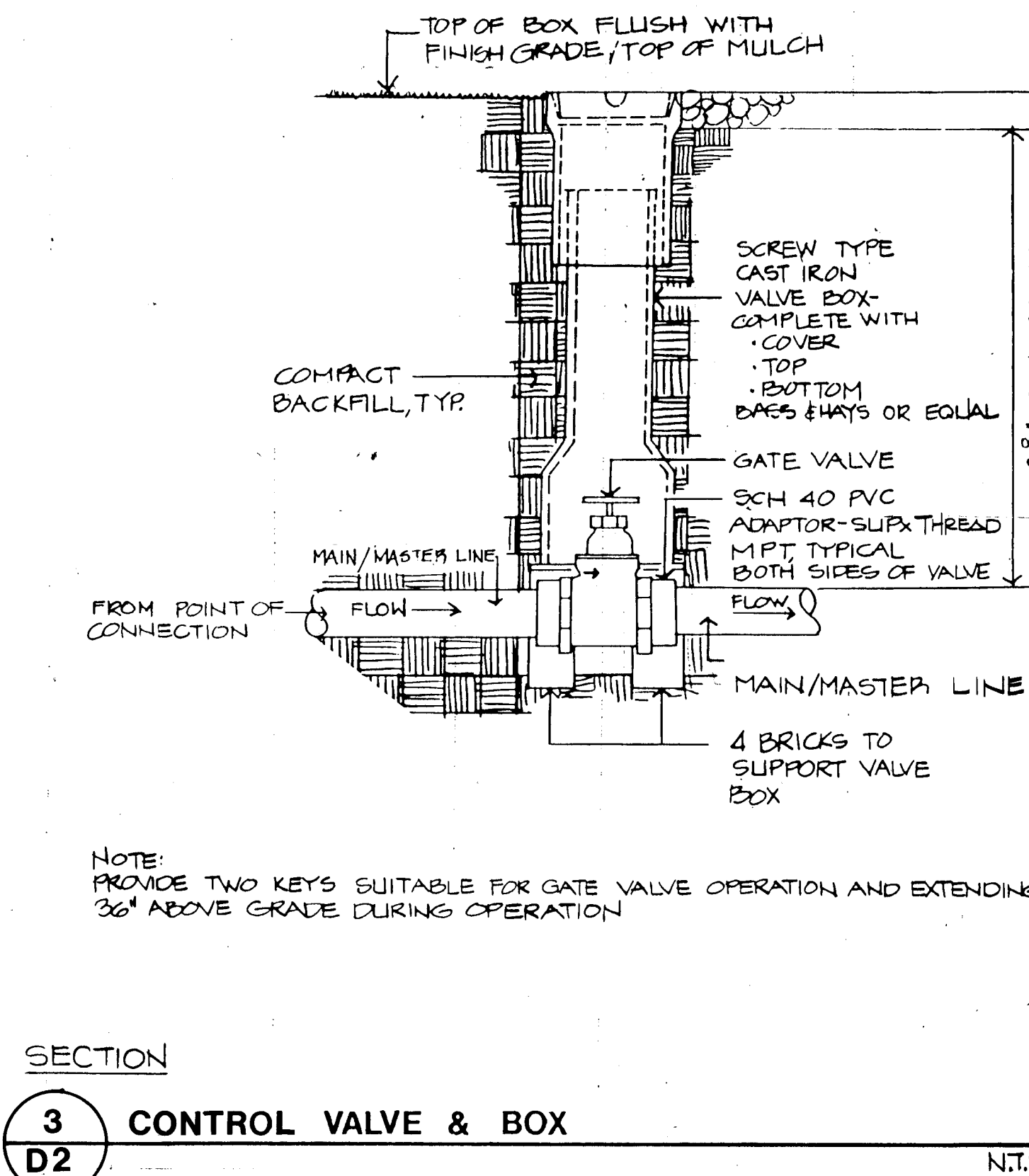
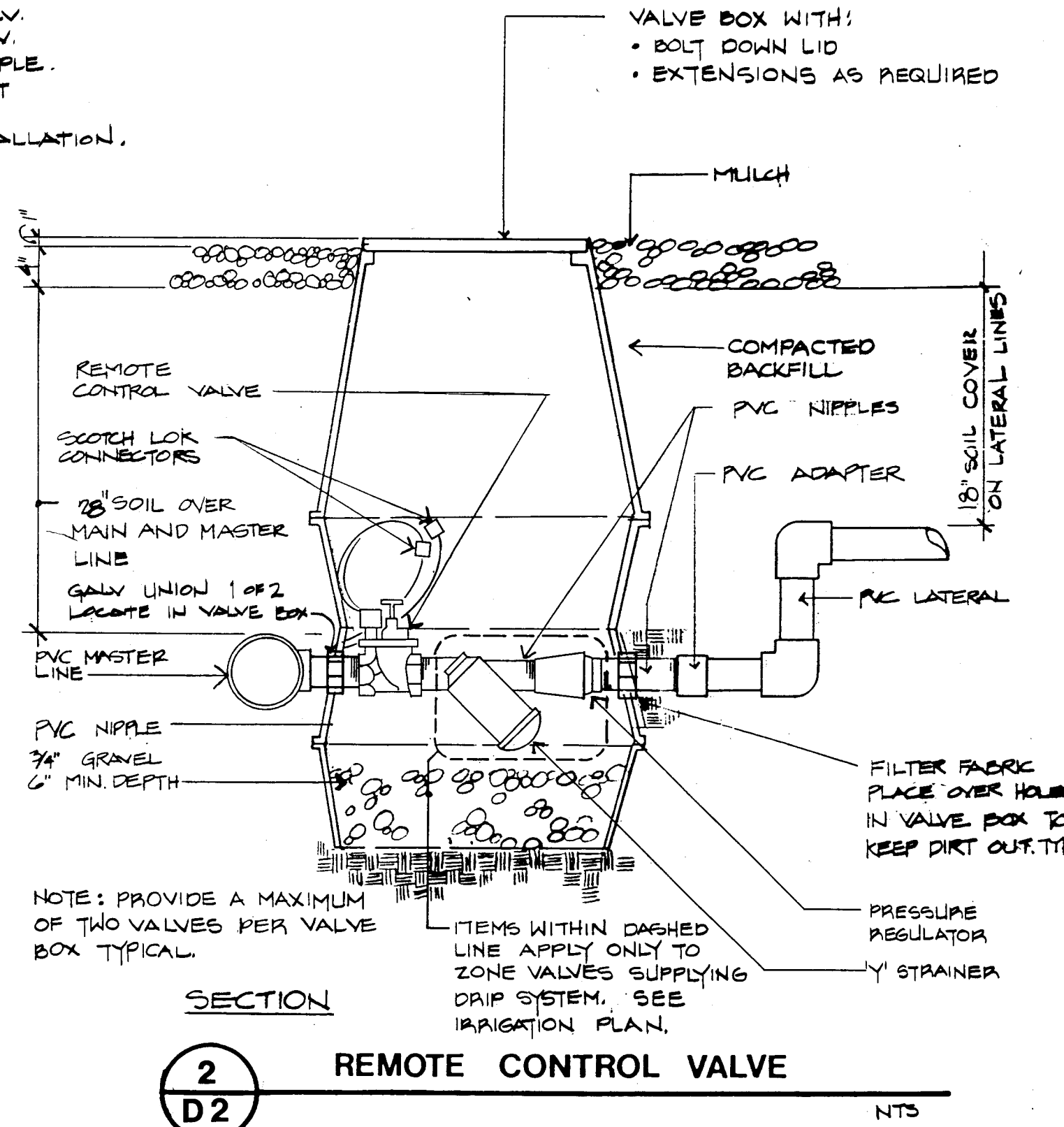
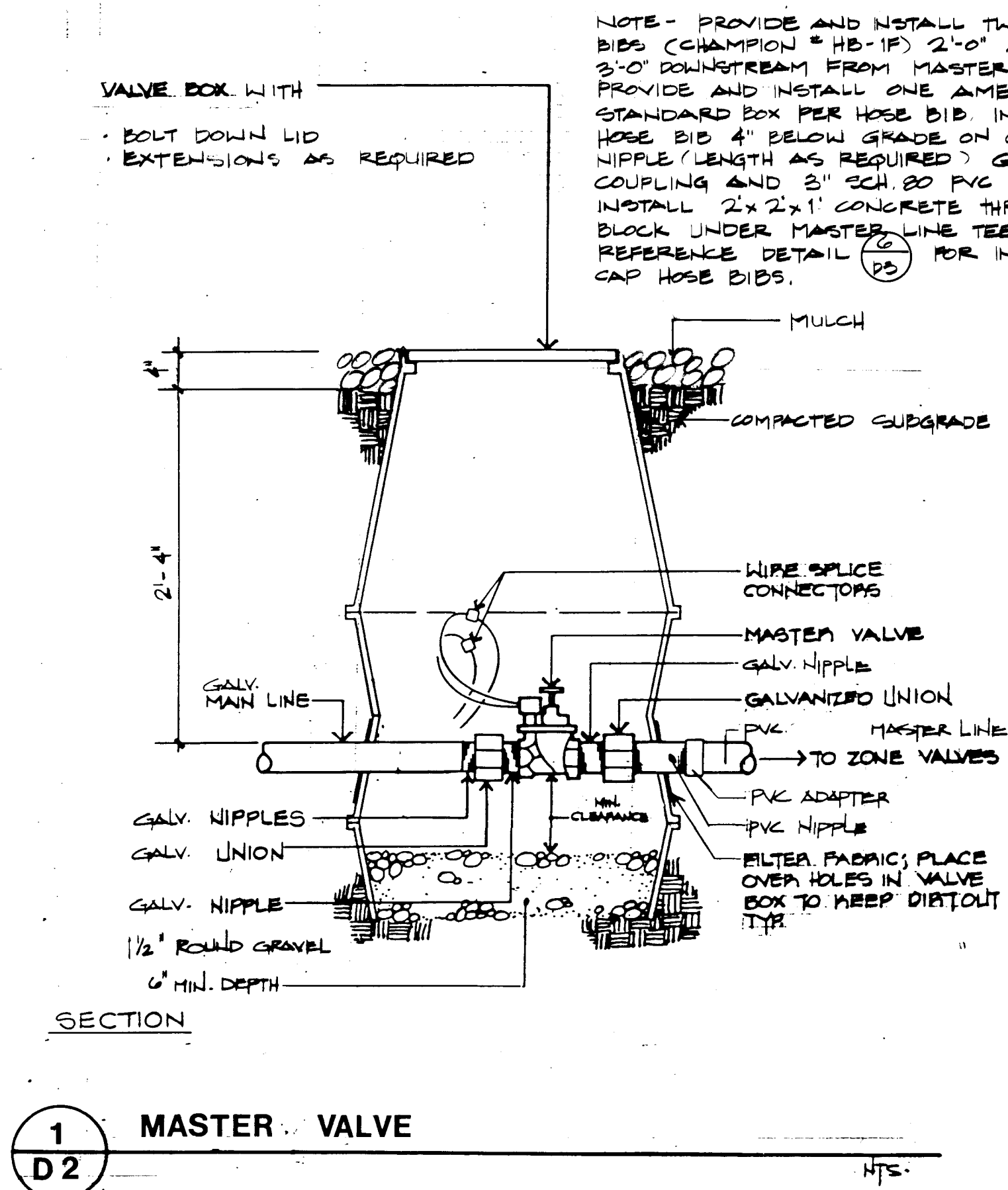


11 EXPANSION JOINT - BRICK
D1

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-1000
1326 Pacheco No. 8
Santa Fe, NM 87501
(505) 962-6000

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT					
TITLE: YALE BOULEVARD MEDIAN LANDSCAPING					
WALL DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/17/87	Liquid Waste	W/W	3/17/87
A.C.E. Design	<i>[Signature]</i>	3/17/87	Traffic	NADWH	3/17/87
A.C. E-Hydrology	<i>[Signature]</i>	3/17/87	Water	W/W	3/17/87
DRAWING NO. 3024	MAP NO. L-15 M-15 L-16 M-16		SHEET D-1 18 OF 21		

AS BUILT INFORMATION					
CONTRACTOR	DATE	DATE	DATE	DATE	DATE
WORK STAKED BY	DATE	DATE	DATE	DATE	DATE
INSPECTED BY	DATE	DATE	DATE	DATE	DATE
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REVISIONS	DATE	DATE	DATE	DATE	DATE
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DESIGNED BY	DATE	DATE	DATE	DATE	DATE
DRAWN BY	DATE	DATE	DATE	DATE	DATE
CHECKED BY	DATE	DATE	DATE	DATE	DATE
NO.	DATE	DATE	DATE	DATE	DATE
REMARKS	DATE	DATE	DATE	DATE	DATE
DESIGN	DATE	DATE	DATE	DATE	DATE
CONSTRUCTION	DATE	DATE	DATE	DATE	DATE
AS BUILT	DATE	DATE	DATE	DATE	DATE



AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				LANDSCAPE ARCHITECT'S SEAL			
CONTRACTOR	DATE	INSPECTOR	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE		

REVISIONS			
NO.	DATE	REMARKS	BY
1	2/12/00	DESIGN	COFA
2	2/12/00		COFA
3	7/13/00		WEP

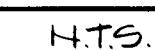
CITY OF ALBUQUERQUE			
PARKS AND RECREATION DEPARTMENT			
TITLE: YALE BOULEVARD MEDIAN LANDSCAPING			
IRRIGATION DETAILS			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	3/8/00		Liquid Waste
A.C.E. Design			Traffic
A.C.E. Hydrology	3/8/00		Water
DRAWING NO. 3024		MAP NO. L-16	
		SHEET OF D-2 19 21	



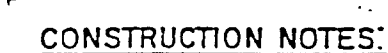
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7.3

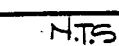


2부다



A. UNDISTURBED EARTH.
B. O.D. OF PIPE + 8".
C. O.D. OF CAP OR PLUG, MIN. 12" X 12"

7.3



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928

1339 Pacheco No. 8
Santa Fe, NM 87501
(505) 962-8390

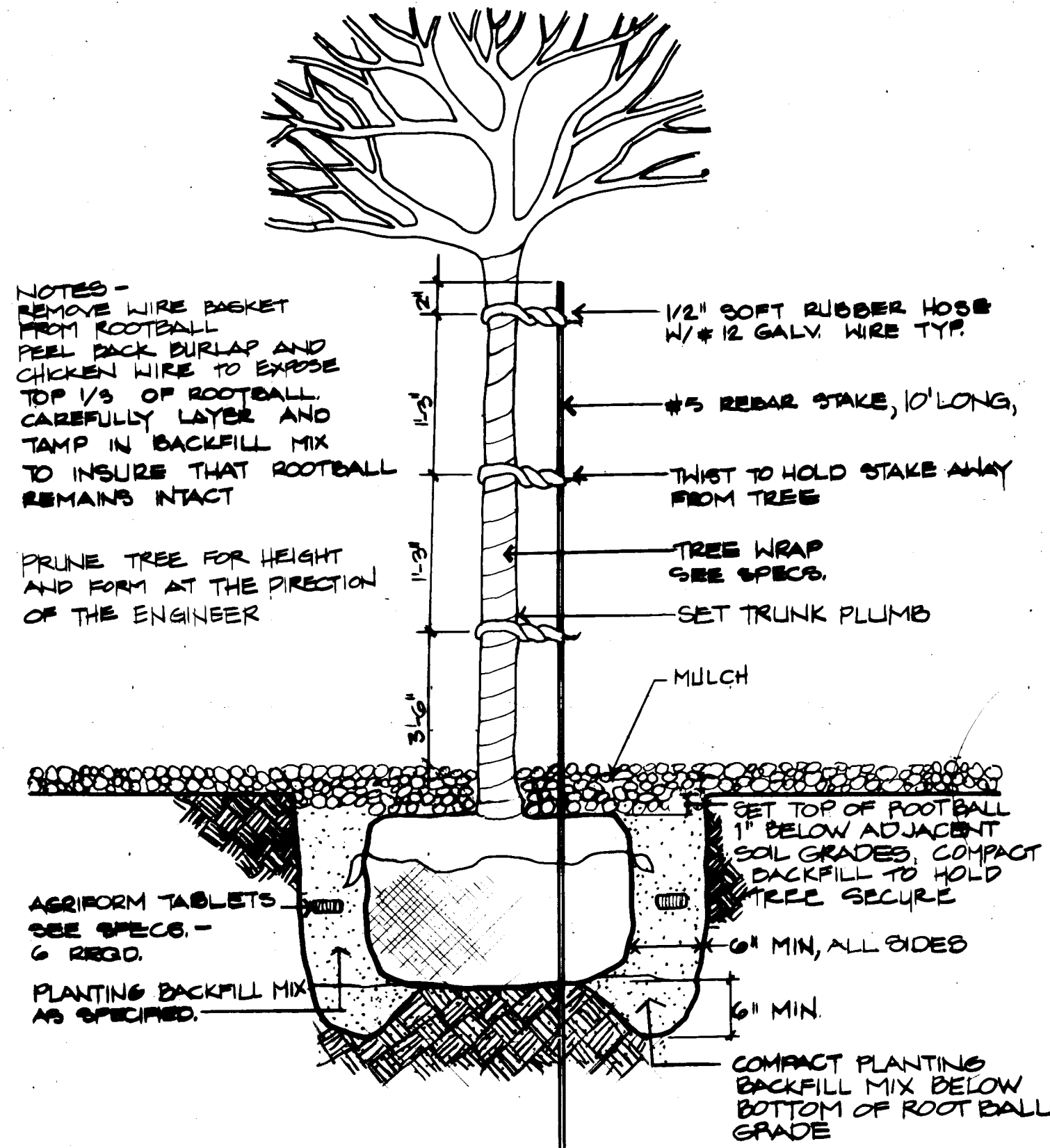
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: YALE BOULEVARD MEDIAN LANDSCAPING
IRRIGATION DETAILS

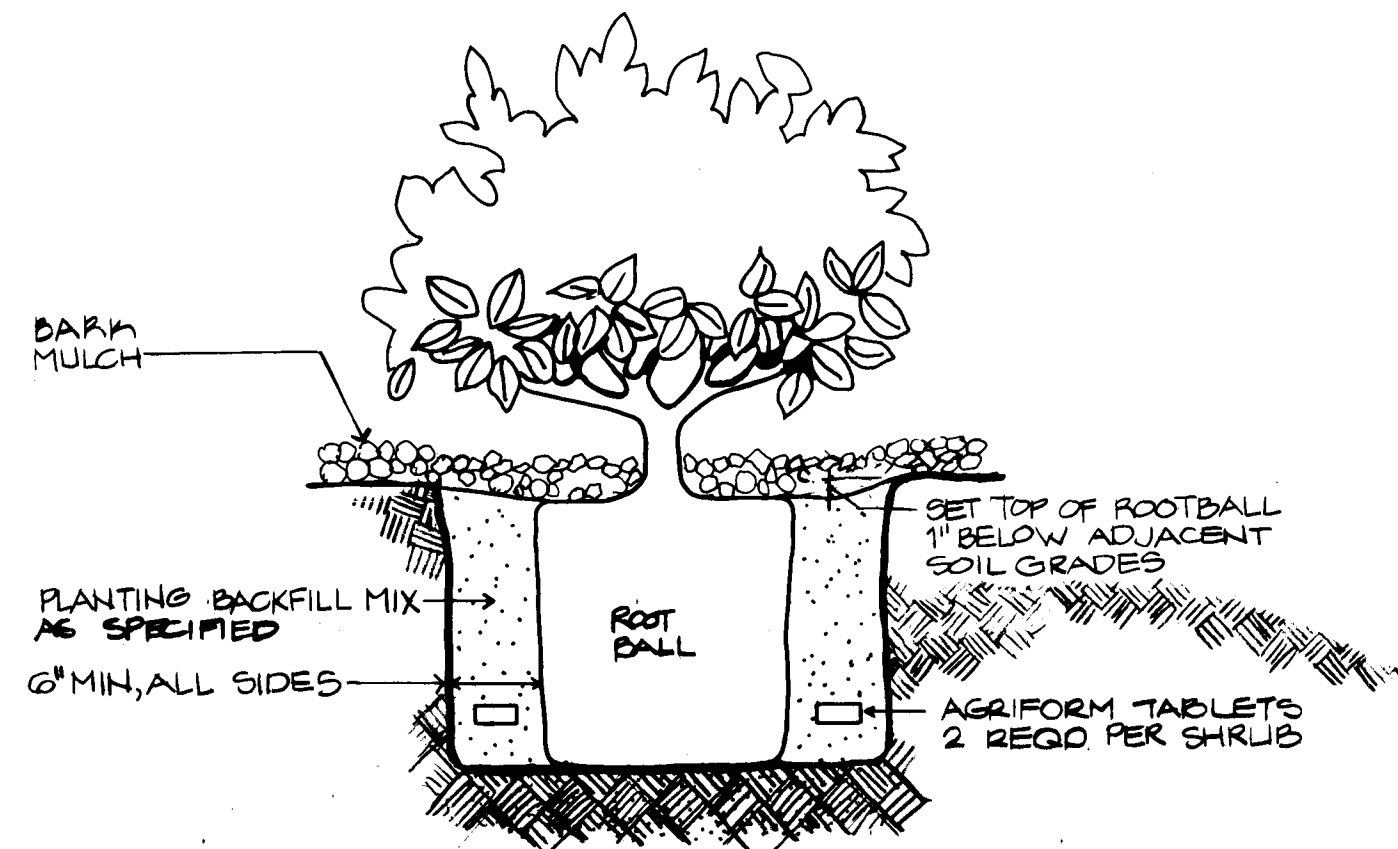
APPROVALS		ENGINEER	DATE	APPROVALS		ENGINEER	DATE
City Engineer		<i>[Signature]</i>	3/6/88	Liquid Waste		<i>[Signature]</i>	3/8/88
A.C. Design		"		Traffic		<i>[Signature]</i>	3/8/88
A.C. E.-Hydrology		<i>[Signature]</i>	3/6/88	Water		<i>[Signature]</i>	3/8/88
Parks		<i>[Signature]</i>					
DRAWING NO.		3024		MAP NO.		SHEET OF	
				L-15 L-16 M-15 M-16		D-3 D-20 D-21	

SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION	
FIELD NOTES			CONTRACTOR	DATE
NO.	BY		WORK STARTED BY	DATE
			INSPECTOR'S FIELD CHECK BY	DATE
			VERIFICATION BY	DATE
			DRAWN BY	DATE
			MICRO-FILM INFORMATION	
			RECORDED BY	DATE
			NO	

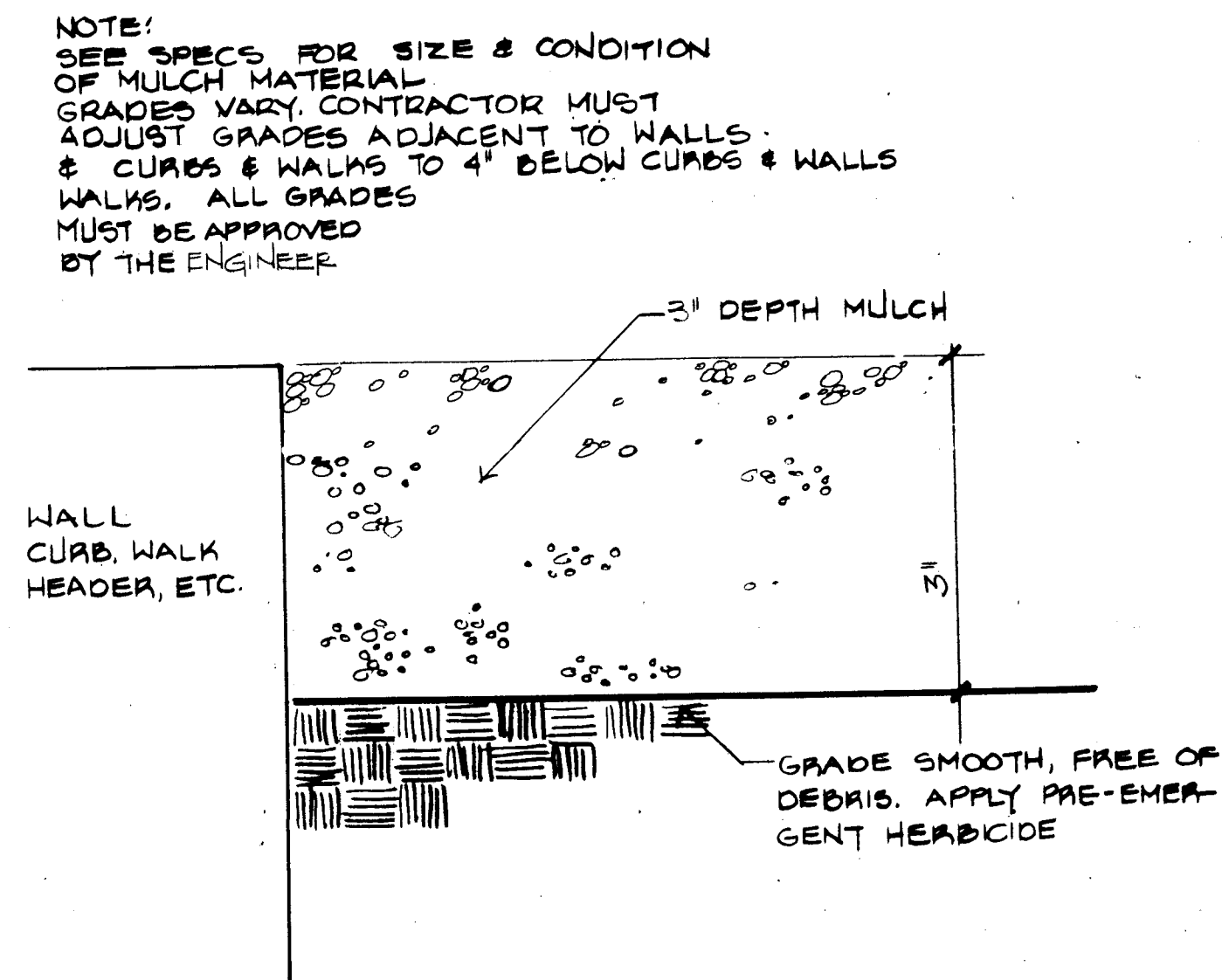
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1 TREE PLANTING DETAIL N.T.S.

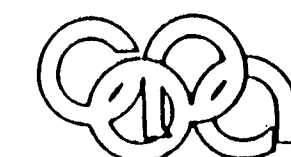


2 SHRUB PLANTING DETAIL N.T.S.



3 MULCH INSTALLATION N.T.S.

1 2 3 4 5 6 7 8 9 10 11 12
26 30 24 21 90



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central B.E.
Albuquerque, NM 87102
(505) 211-9928
1336 Parkway N.E.
Bureau 15, 1st Floor
Albuquerque, NM 87102
(505) 966-5390

CITY OF ALBUQUERQUE

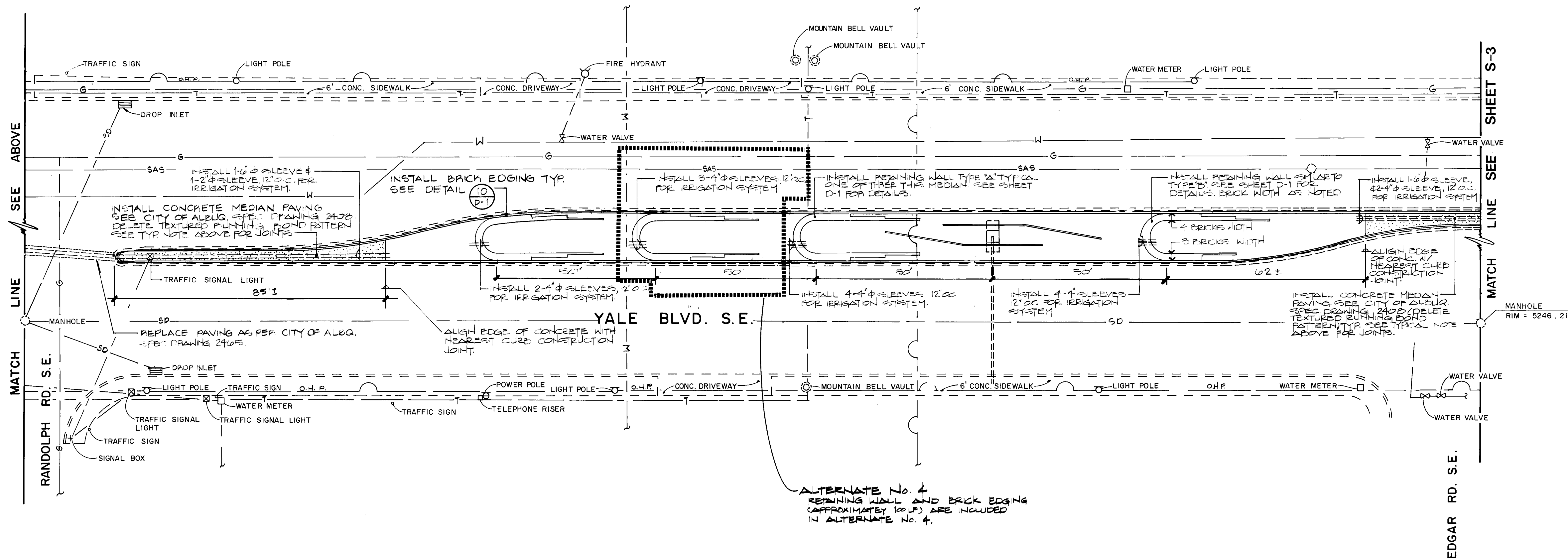
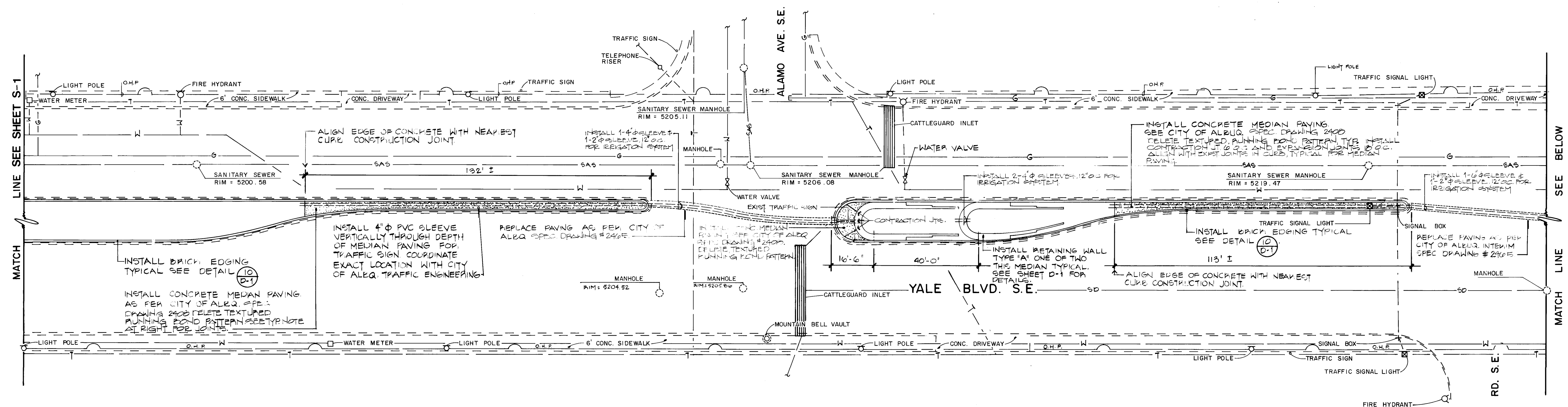
PARKS AND RECREATION DEPARTMENT

TITLE: YALE BOULEVARD MEDIAN LANDSCAPING
PLANTING DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/2/88	Liquid Waste	POB N/A	3/8/88
A.C.E. Design	<i>[Signature]</i>		Traffic	<i>[Signature]</i>	3/8/88
A.C.E. Hydrology	<i>[Signature]</i>	3/8/88	Water	POB N/A	3/8/88

DRAWING NO.	MAP NO.	SHEET	OF
3024	L-15 L-16	D-4	21 21

						LANDSCAPE ARCHITECT'S SEAL		SURVEY INFORMATION				BENCH MARKS				AS BUILT INFORMATION			
								FIELD NOTES											
								NO.				BY				DATE			
NO.		DATE		REMARKS		BY													
				</															



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928

CITY OF ALBUQUERQUE

PARKS AND RECREATION DEPARTMENT

TITLE: YALE BOULEVARD MEDIAN LANDSCAPING

STAKING & GRADING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/17/87	Liquid Waste	W/W	3-17-87
A.C.E. Design	"	"	Traffic	NADWH	3/17/87
A.C.E. Hydrology	"	"	Water	W/W	3-17-87

DRAWING NO. 3024

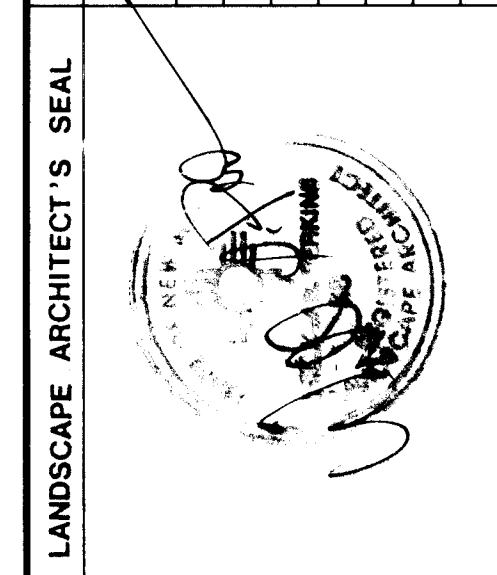
MAP NO. 1-15

SHEET 5-2 OF 21

AS BUILT INFORMATION	
CONTRACTOR	SEE LANDSCAPE PLAN
WORK	DATE
STAKED BY	DATE
ASPECTS BY	DATE
FIELD	DATE
DRAWING	DATE
CORRECTED BY	DATE
RECORDED BY	DATE

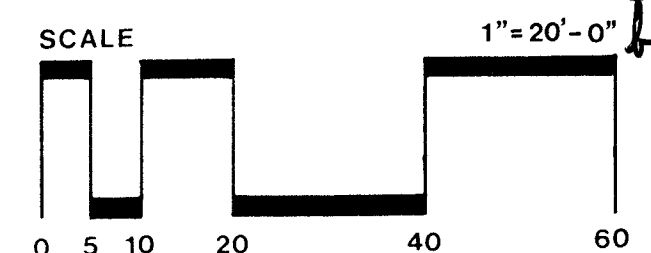
BENCH MARKS	
ACS Station "ACS, 1-M 16, 1984", a standard brass cap located on the centerline of Yale Blvd. S.E. feet south of the centerline of Gibson Blvd. S.E. Elevation: 5189.85 feet (MSL)	

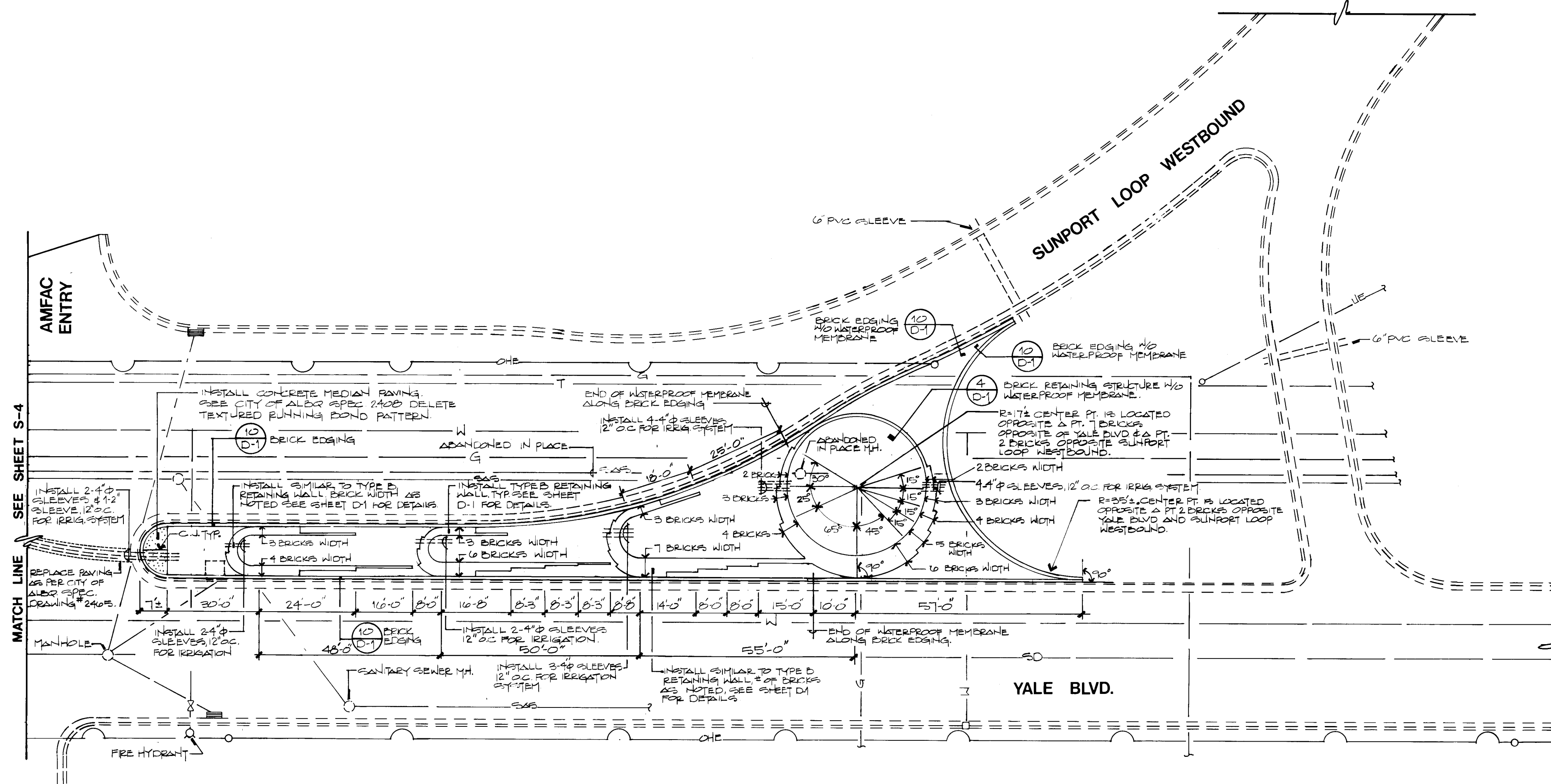
SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	BY



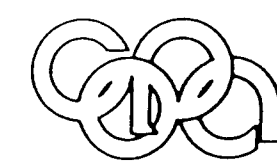
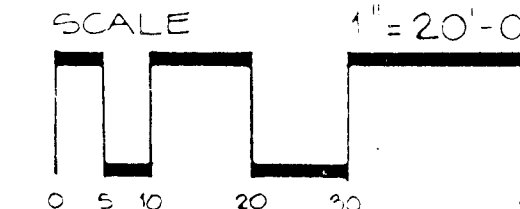
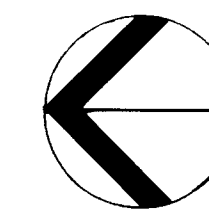
LANDSCAPE ARCHITECT'S SEAL	
NO.	DATE

REVISIONS	
NO.	DATE
1	3/17/87
2	3/17/87
3	3/17/87
4	3/17/87
5	3/17/87
6	3/17/87
7	3/17/87
8	3/17/87
9	3/17/87
10	3/17/87





26 30 24 0 9 9 10



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-1928

1329 Pacheco, No. 8
Santa Fe, NM 87501
(505) 982-4399

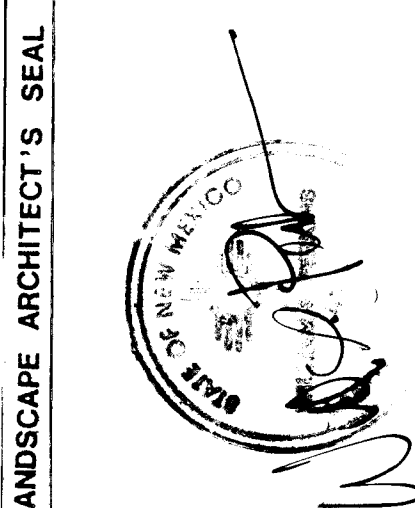
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: YALE BOULEVARD MEDIAN LANDSCAPING
STAKING & GRADING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/8/83	Liquid Waste	<i>[Signature]</i>	3/8/83
A.C.E. Design			Traffic	<i>[Signature]</i>	3/8/83
A.C.E. Hydrology			Water	<i>[Signature]</i>	3/8/83

DESIGNED BY	COPA	DATE	2/2/83
DRAWN BY	COPA	DATE	2/2/83
CHECKED BY	WSP	DATE	7/3/83

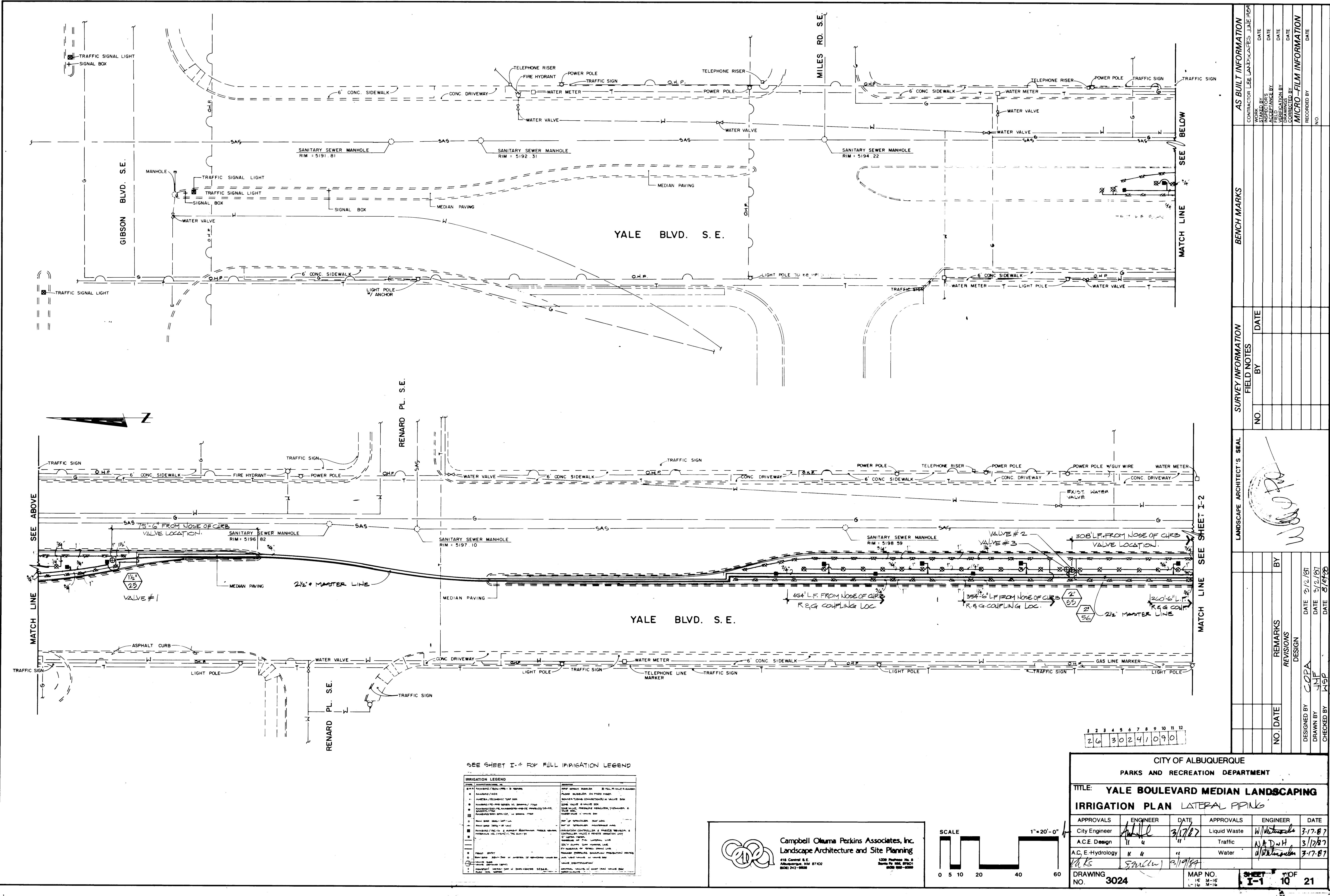
DRAWING NO.	3024	MAP NO.	L-15 M-15 M-16	SHEET	OF	21
				S-4	9	



NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

NO.	DATE	BY

BENCH MARKS		AS BUILT INFORMATION	
ACS Station "ACS, 1-M 16, 1984", a standard brass cap located on the centerline of Yale Blvd. SE, 16 feet south of the centerline of Gibson Blvd. SE	DATE	CONTRACTOR	DATE
Elevation: 5189.85 (MSLD)	DATE	WORKED BY	DATE
	DATE	INSPECTED BY	DATE
	DATE	ACCEPTANCE BY	DATE
	DATE	VERIFICATION BY	DATE
	DATE	DRAWINGS	DATE
	DATE	RECORDED BY	DATE
	DATE	NO	DATE

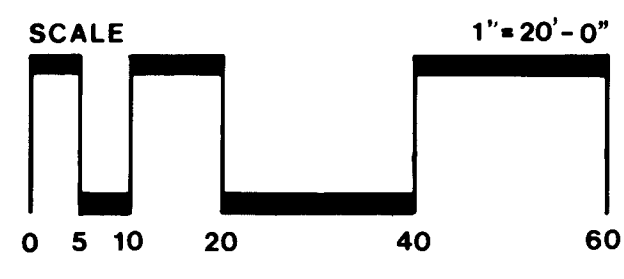


SEE SHEET I-4 FOR FULL IRRIGATION LEGEND

IRRIGATION LEGEND	
1. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (PERMANENT)	2. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
3. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	4. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
5. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	6. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
7. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	8. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
9. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	10. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
11. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	12. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
13. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	14. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
15. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	16. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
17. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	18. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
19. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	20. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
21. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	22. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
23. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	24. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
25. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	26. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
27. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	28. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
29. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	30. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
31. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	32. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
33. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	34. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
35. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	36. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
37. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	38. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
39. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	40. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
41. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	42. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
43. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	44. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
45. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	46. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
47. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	48. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
49. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	50. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
51. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	52. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
53. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	54. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
55. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	56. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
57. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	58. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
59. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	60. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
61. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	62. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
63. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	64. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
65. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	66. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
67. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	68. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
69. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	70. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
71. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	72. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
73. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	74. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
75. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	76. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
77. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	78. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
79. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	80. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
81. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	82. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
83. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	84. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
85. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	86. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
87. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	88. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
89. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	90. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
91. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	92. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
93. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	94. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
95. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	96. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
97. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	98. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)
99. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)	100. 1/2" POLYETHYLENE GLASS REINFORCED PIPE (TEMPORARY)

Campbell Oluma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
(505) 242-1000

1320 Piquette Ave. S.
Santa Fe, NM 87501
(505) 825-0300



CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

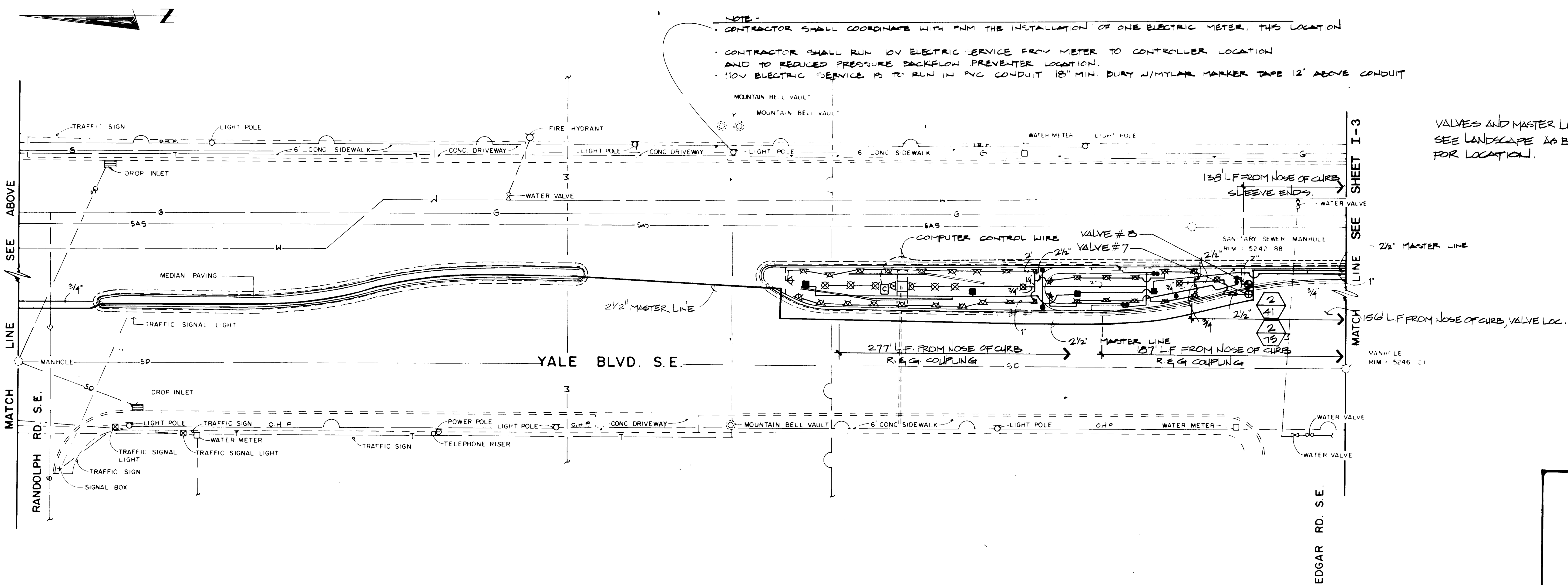
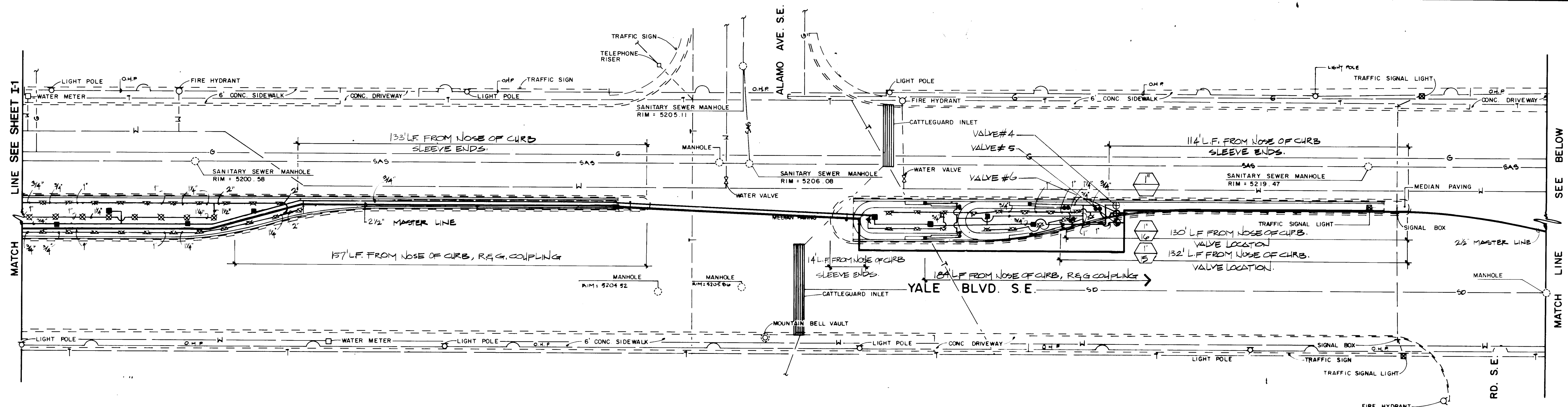
TITLE: **YALE BOULEVARD MEDIAN LANDSCAPING**
IRRIGATION PLAN LATERAL PIPING

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>Allyle</i>	3/17/87	Liquid Waste	<i>W. Williams</i>	3-17-87
A.C.E. Design	<i>u</i>	"	Traffic	<i>N.A.D.W.H.</i>	3/17/87
A.C.E. Hydrology	<i>K u</i>	"	Water	<i>u</i>	3-17-87

DRAWING NO. **3024**

MAP NO. 15 M-15
1-16 M-16

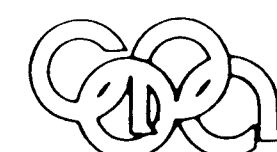
SHEET **I-1** OF **10**



NOTE:
 • CONTRACTOR SHALL COORDINATE WITH PNM THE INSTALLATION OF ONE ELECTRIC METER, THIS LOCATION
 • CONTRACTOR SHALL RUN 10V ELECTRIC SERVICE FROM METER TO CONTROLLER LOCATION
 • AND TO REDUCED PRESSURE BACKFLOW PREVENTER LOCATION.
 • 110V ELECTRIC SERVICE IS TO RUN IN PVC CONDUIT 18\"/>

VALVES AND MASTER LINE IS SCHEMATIC,
 SEE LANDSCAPE AS BUILT DRAWING
 FOR LOCATION.

1 2 3 4 5 6 7 8 9 10 11 12
 26 30 24 11 9 0



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 Landscape Architecture and Site Planning
 410 Central S.E.
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 (505) 247-9800



CITY OF ALBUQUERQUE
 PARKS AND RECREATION DEPARTMENT

TITLE: **YALE BOULEVARD MEDIAN LANDSCAPING**

IRRIGATION PLAN LATERAL PIPING

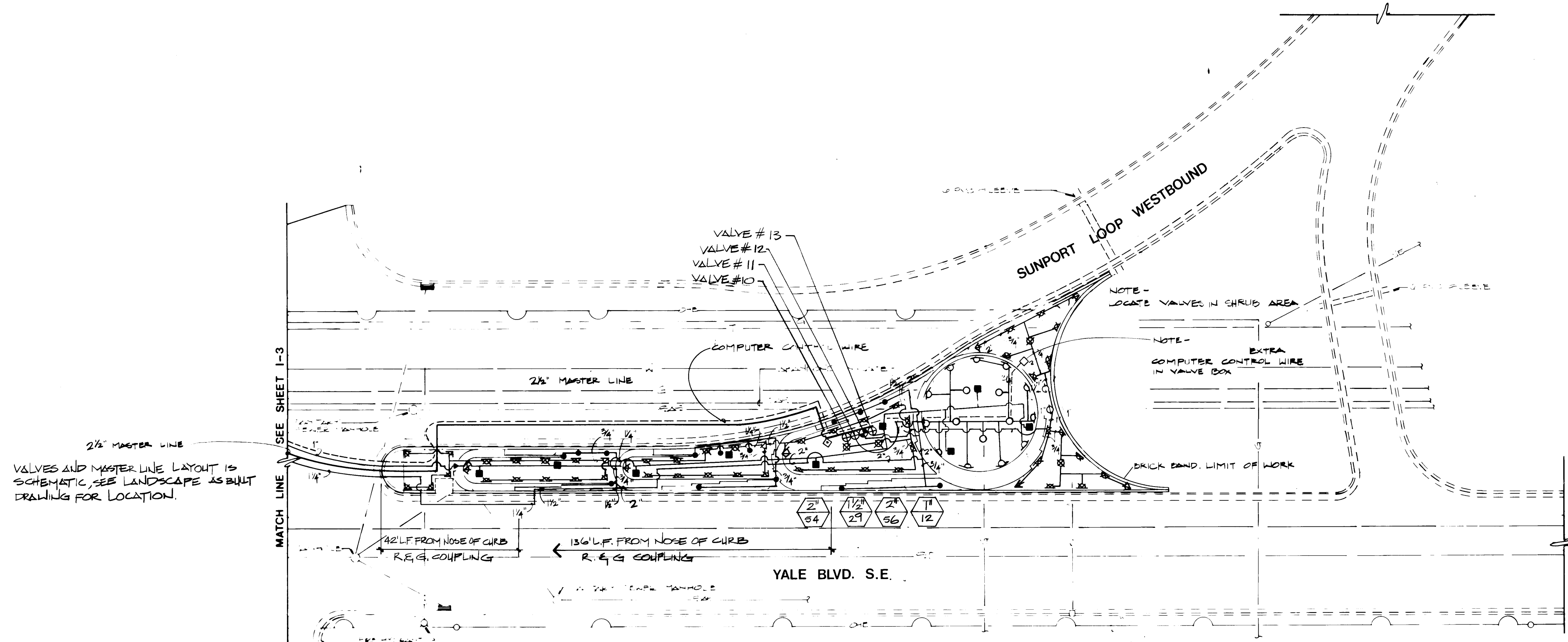
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3/3/08	Liquid Waste	<i>[Signature]</i>	3/3/08
A.C.E. Design	<i>[Signature]</i>	3/3/08	Traffic	<i>[Signature]</i>	3/3/08
A.C.E. Hydrology	<i>[Signature]</i>	3/3/08	Water	<i>[Signature]</i>	3/3/08

DRAWING NO. **3024** MAP NO. **L-15** SHEET **11** OF **21**

SEE SHEET I-4 FOR FULL IRRIGATION LEGEND

SYMBOL	DESCRIPTION
1	1\"/>



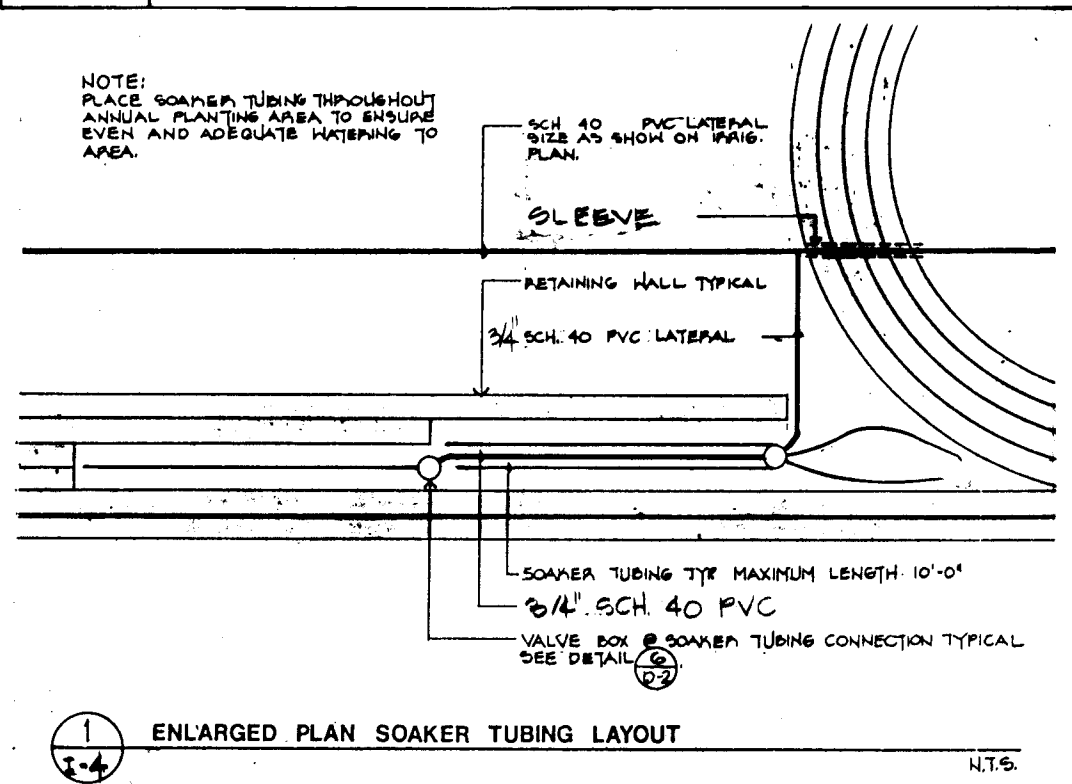


2 1/2" MASTER LINE
VALVES AND MASTER LINE LAYOUT IS SCHEMATIC, SEE LANDSCAPE AS BUILT DRAWING FOR LOCATION.

IRRIGATION LEGEND				
SYMBOL	MANUFACTURER/MODEL NO.	DESCRIPTION	DETAIL	NOTES
XX	RAINBIRD/1806-PRS - 5 SERIES	POPUP STREAM BUBBLER	4 1/2	HEAD TO BE NO CLOSER THAN 1'-0" TO BACK OF CURB (LOCATE HEADS 2" FROM THE INSIDE EDGE OF BRICK BAND)
■	RAINBIRD/404	FLOOD BUCKLE/ ON EXEL VALVE	5 1/2	
•	AMETEK/ECONOMY TYPE BOX	SOAKED TUBING CONNECTION IN VALVE BOX	6 1/2	
⊕	RAINBIRD/PE SERIES IN: BROOKS/ 730	ZONE VALVE & VALVE BOX	2 1/2	SIZE VALVE AS INDICATED ON DRAWINGS.
⊙	RAINBIRD/200-PE RAINBIRD/100-UMB-24, PVEB/C/3 1-113	ZONE VALVE, PRESSURE REGULATOR, Y-STRAINER, & VALVE BOX	2 1/2	
⊕	RAINBIRD/200-EFA-CP, 4 BRK, 730	MASTER VALVE & VALVE BOX	2 1/2	
○	RAIN BIRD 1806-FRS - 5 VAL	POP UP SPRINKLER 360° ARC	4 1/2	
○	RAIN BIRD 1806-FRS - 5 VAL	POP UP SPRINKLER ADJUSTABLE ARC	4 1/2	
⊕	RAINBIRD/180-SAT-24 CURRENT ELECTRONICS FREEZE SENSOR	IRRIGATION CONTROLLER & FREEZE SENSOR & CONTROL VALVE & REMOTE IRRIGATION UNIT	4 1/2	SEE SPEC. FOR REQUIRED OPTION.
⊕	RAINBIRD/180-SAT-24 CURRENT ELECTRONICS FREEZE SENSOR	2" WATER METER	5 1/2	EXISTING 18" SOIL COVER. SIZE AS SHOWN ON PLAN.
—		SCHEDULE 40 PVC LATERAL LINE	5 1/2	2 1/2" SOIL COVER
—		2 1/2" CLASS 200 MASTER LINE	2 1/2	
—		4" SCHEDULE 40 STEEL DRAIN LINE	2 1/2	
—		REDUCED PRESSURE BACKFLOW PREVENTION DEVICE	2 1/2	
—		AIR VENT VALVE IN VALVE BOX	2 1/2	
—		VALVE IDENTIFICATION	2 1/2	
—		CONTROL VALVE IN CAST IRON VALVE BOX	2 1/2	
—		CHECK VALVE	2 1/2	SIZE EQUAL TO ADJACENT LINE SIZE

NOTES

- IRRIGATION LINE AND VALVE LAYOUT IS DIAGNAMATIC. LOCATE LINES AND VALVES WITHIN PLANTING AREA. PARALLEL LINES MAY BE LOCATED IN THE SAME TRENCH SEE SPECIFICATIONS.
- INSTALL BLOCKING AT ALL TEES TO REMOTE CONTROL VALVES ON THE MASTER IRRIGATION LINES. SEE DETAIL 4 1/2
- INSTALL THE FOLLOWING ITEMS WITHIN THE ALTERNATE #1 LIMIT LINE AS A PART OF BASE BID WORK. ALL: MASTER LINE, VALVES, AIR VENT VALVE, CONTROL WIRES, COMPUTER CONTROL WIRE, IRRIGATION CONTROL VALVE, BACKFLOW PREVENTION DEVICE & DRAIN, MASTER VALVE. THE ENTIRE TREE BUBBLER SYSTEM (CAP TREE BUBBLER RISERS IN ANY AREA THAT TREES ARE NOT TO BE PLANTED) AND CONNECTION TO WATER METER.
- INSTALL THE FOLLOWING ITEMS WITHIN THE ALTERNATE No. 4 LIMIT LINE AS A PART OF BASE BID WORK: MASTER LINE, CONTROL WIRES. SEE NOTE ON SHEET I-2.



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

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
118 Central S.E.
Albuquerque, NM 87102
(505) 247-9978

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: YALE BOULEVARD MEDIAN LANDSCAPING IRRIGATION PLAN LATERAL PIPING			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	3/8/88	3/8/88	Liquid Waste
ACE Design	3/8/88	3/8/88	Traffic
ACE Hydrology	3/8/88	3/8/88	Water
DRAWING NO. 3024		SHEET 13 OF 21	

