

GRADING, PAVING & UTILITY CONSTRUCTION FOR UNIVERSITY HEIGHTS HOSPITAL

PREPARED FOR
HOSPITAL CORPORATION OF AMERICA

INDEX

DESCRIPTION

- COVER SHEET & VICINITY MAP
- GRADING PLAN
- SITE PLAN
- WATER LAYOUT
- SEWER LAYOUT
- SEWER PROFILES
- STORM SEWER LAYOUT
- DETAILS
- DECCELERATION LANES PLAN & PROFILE
- LANDSCAPING PLAN
- SUMMARY PLAT

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION			
TITLE: UNIVERSITY HEIGHTS HOSPITAL COVER SHEET			
APPROVALS	ENGINEER	DATE	APPROVALS
CITY Engineer	<i>R. S. Hall</i>	9/10/81	Liquid Waste
A.C.E. Design	<i>Frederick</i>	8/20/81	Traffic
A.C.E. Hydrology	<i>Bruce G. Burnett</i>	9-4-81	Water
DRAWING NO. 1183		SHEET 1 OF 13	

NOTICE TO CONTRACTOR

- New Mexico Standard Specifications for Public Works Construction-1979 Edition will be referred to herein as the "Standard Specification".
- All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for herein, be constructed in accordance with Contract Documents for City-Wide Utilities and Cash Paving No. 30 and the Standard Specification.
- Two working days prior to any excavation, contractor must contact Line Locating Service 765-1234 for location of existing 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 so that the conflict can be resolved with minimum amount of delay.

THE FOLLOWING NOTES APPLY WHEN CHECKED

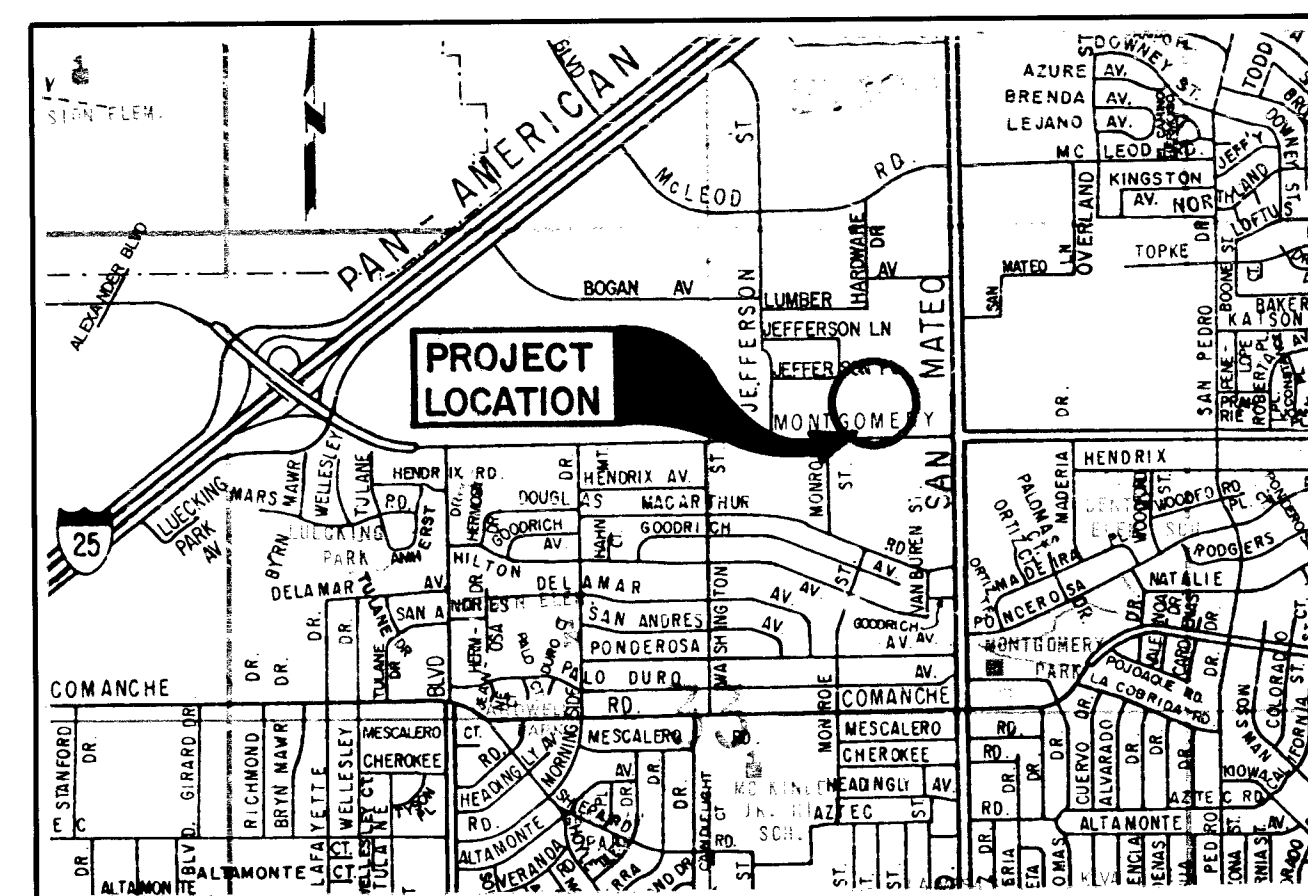
- ☒ All utilities and utility service lines shall be installed prior to paving.
- ☒ Backfill compaction shall be according to specified street use.
- ☒ Tack coat requirements shall be determined by the City Engineer.
- ☒ Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever a new curb return is constructed.
- ☒ If curb is depressed for a driveway, the driveway shall be constructed prior to acceptance of the curb and gutter.
- ☒ All storm drainage facilities shall be completed prior to final acceptance.

FORMER SHEET NO.

1 . . .
2 . . .
3 . . .
4 . . .
5 . . .
6 & 6A . . .
7 . . .
8 . . .
9 & 10 . . .
11 . . .
12 . . .

SHEET NO.

1 . . .
2 . . .
3 . . .
4 . . .
5 . . .
6 & 7 . . .
8 . . .
9 . . .
10 & 11 . . .
12 . . .
13 . . .



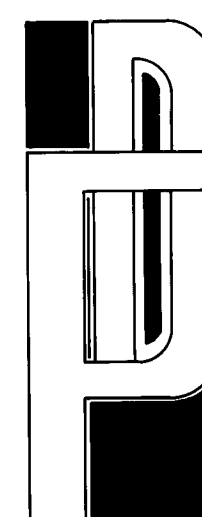
VICINITY MAP

JUNE 1981

FD. JOB NO. 537.11

PREPARED BY

FRED DENNEY & ASSOCIATES, INC.
ENGINEERS-PLANNERS
ALBUQUERQUE, NEW MEXICO 87107



APPROVED FOR
CONSTRUCTION
Richard S. Hall 2/12/82
CITY ENGINEER DATE

1. The Contractor shall construct each item according to the sheet in which that item is shown. All work shall be coordinated with the Architectural Site Plan and if any discrepancies arise, the Contractor shall contact the Architect in writing.
2. All island parking areas, roads, etc., require curbing unless otherwise shown.
3. All curbing within site shall be header curb unless otherwise shown (see Drawing P-8-2) City of Albuquerque Standard.
4. All curb locations, island locations, pad locations, etc., shall be coordinated with the Architectural Site Plan prepared by Earl Swenson Associates, its project Architect.
5. All curbing shall be 6" higher than adjacent paved area unless otherwise shown.

SCALE: 1" = 40'

LEGEND

NOTE: 1.) SEE SHEET 3 FOR CURB OPENING FOR DRAINAGE.

			REFERENCES			SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
			MAP NO. F-17			FIELD NOTES				CONTRACTOR	
			EST. NO.	WO. NO.	NO.	BY	DATE			STAKED BY	DATE
	2/9/81	Correct Sheet Numbering & Add Storm Sewer Note.	L.J.					N M S H C "STA. M-5" ELEV. 5154.476 LOCATED WEST OF DEVELOPMENT AS SHOWN ON SHEET 3		INSPECTED BY	DATE
NO.	DATE	REMARKS	BY							FIELD	DATE
REVISIONS											
DESIGN											
DESIGNED BY J.A.		DATE 8/81									
DRAWN BY A.B.M. & L.S.J.		DATE 8/81									
MICRO-FILM INFORMATION											
RECORDED BY DATE											
NO.											

CITY OF ALBUQUERQUE									
PUBLIC WORKS DEPARTMENT									
ENGINEERING DIVISION									
TITLE: UNIVERSITY HEIGHTS HOSPITAL									
GRADING PLAN									

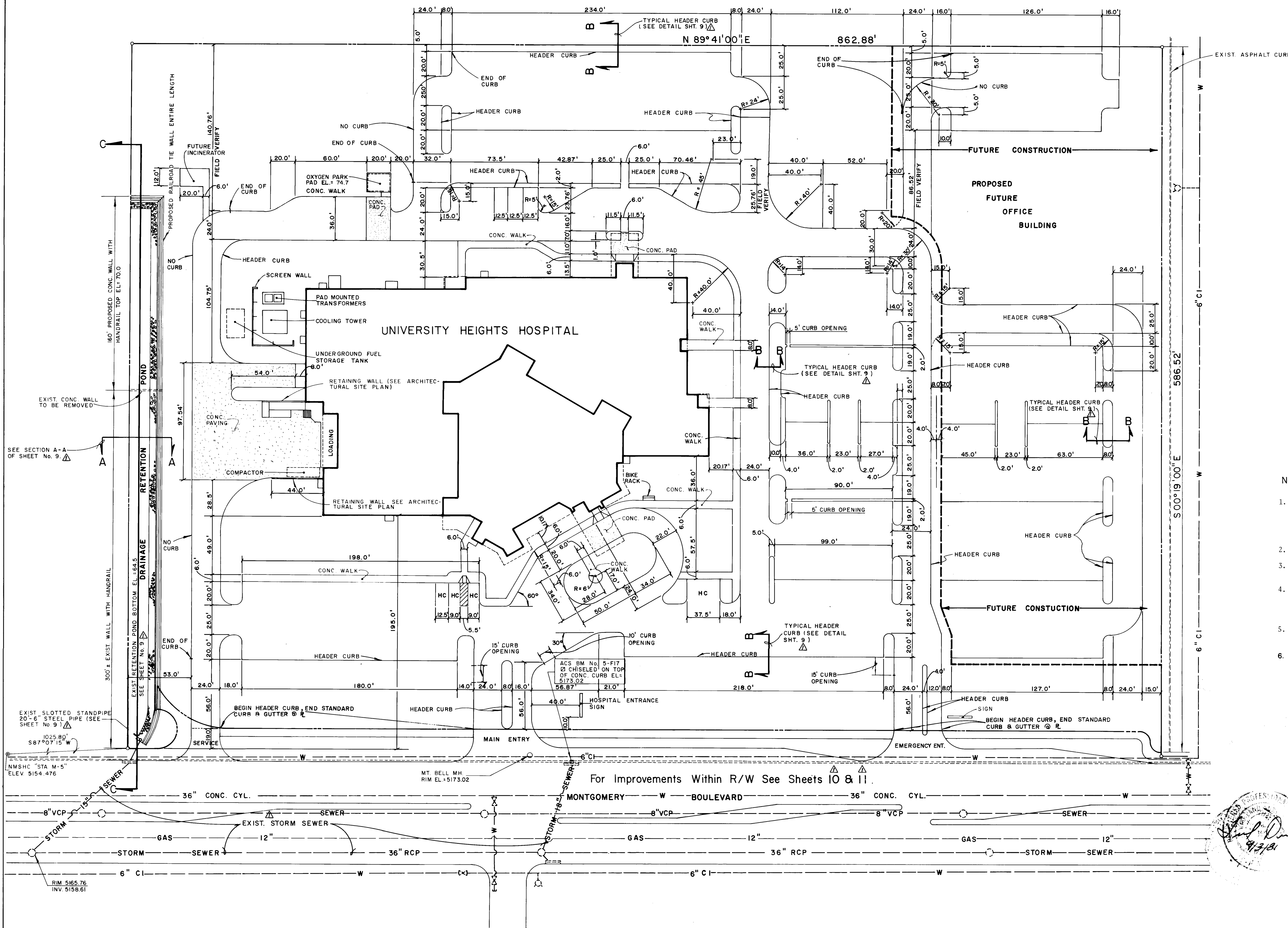
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/10/81	Liquid Waste	<i>[Signature]</i>	
A C E - Design SM	<i>[Signature]</i>	8 Sep 81	Traffic	<i>[Signature]</i>	9/3/81
A C E - Hydrology	<i>[Signature]</i>	9-4-81	Water	<i>[Signature]</i>	

DRAWING NO.	1183	SHEET 2 OF 13
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EXHIBIT V

APPROVED FOR
CONSTRUCTION
Richard S. Hill
CITY ENGINEER

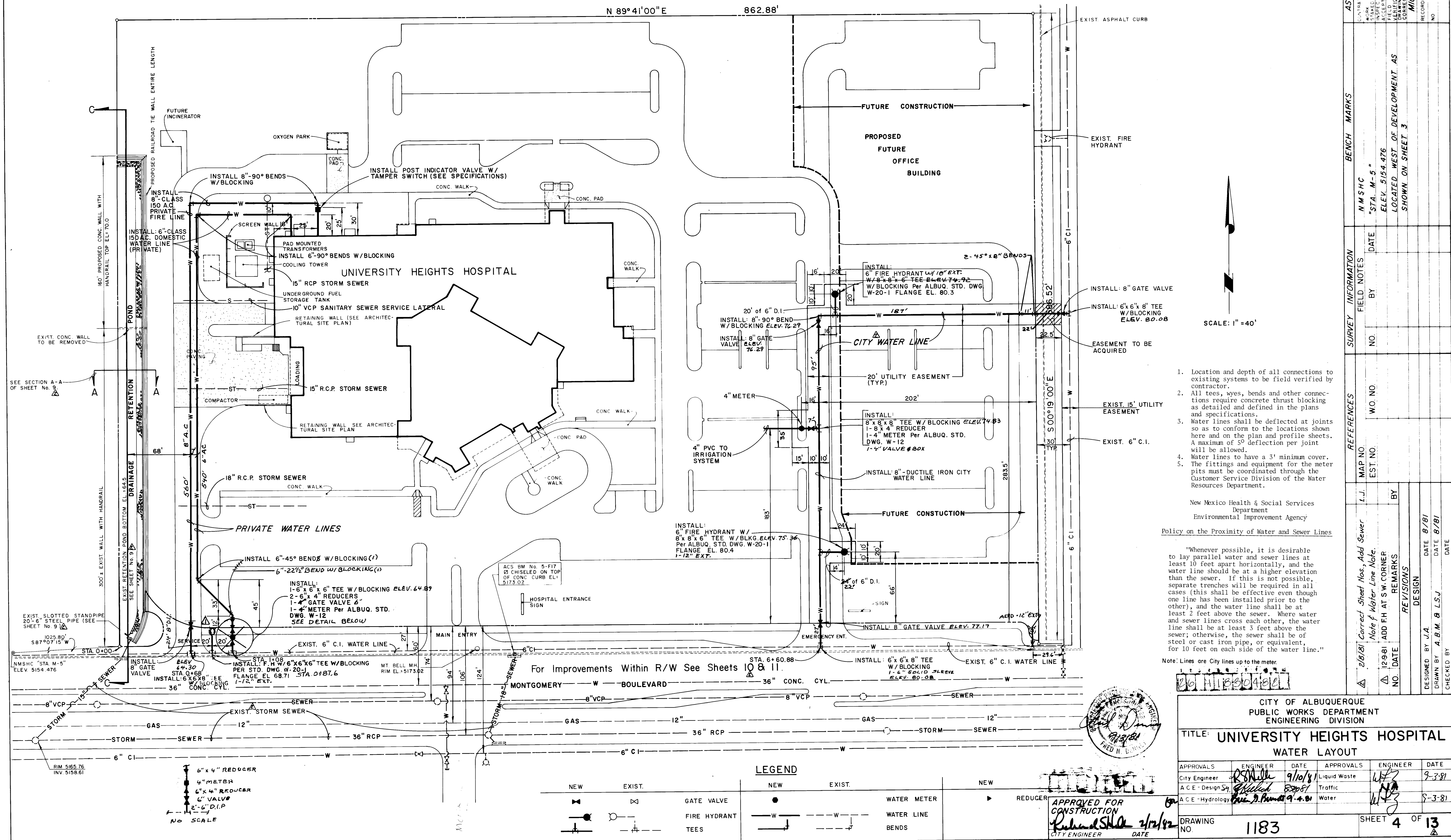
2	DRAWING NO.	1183
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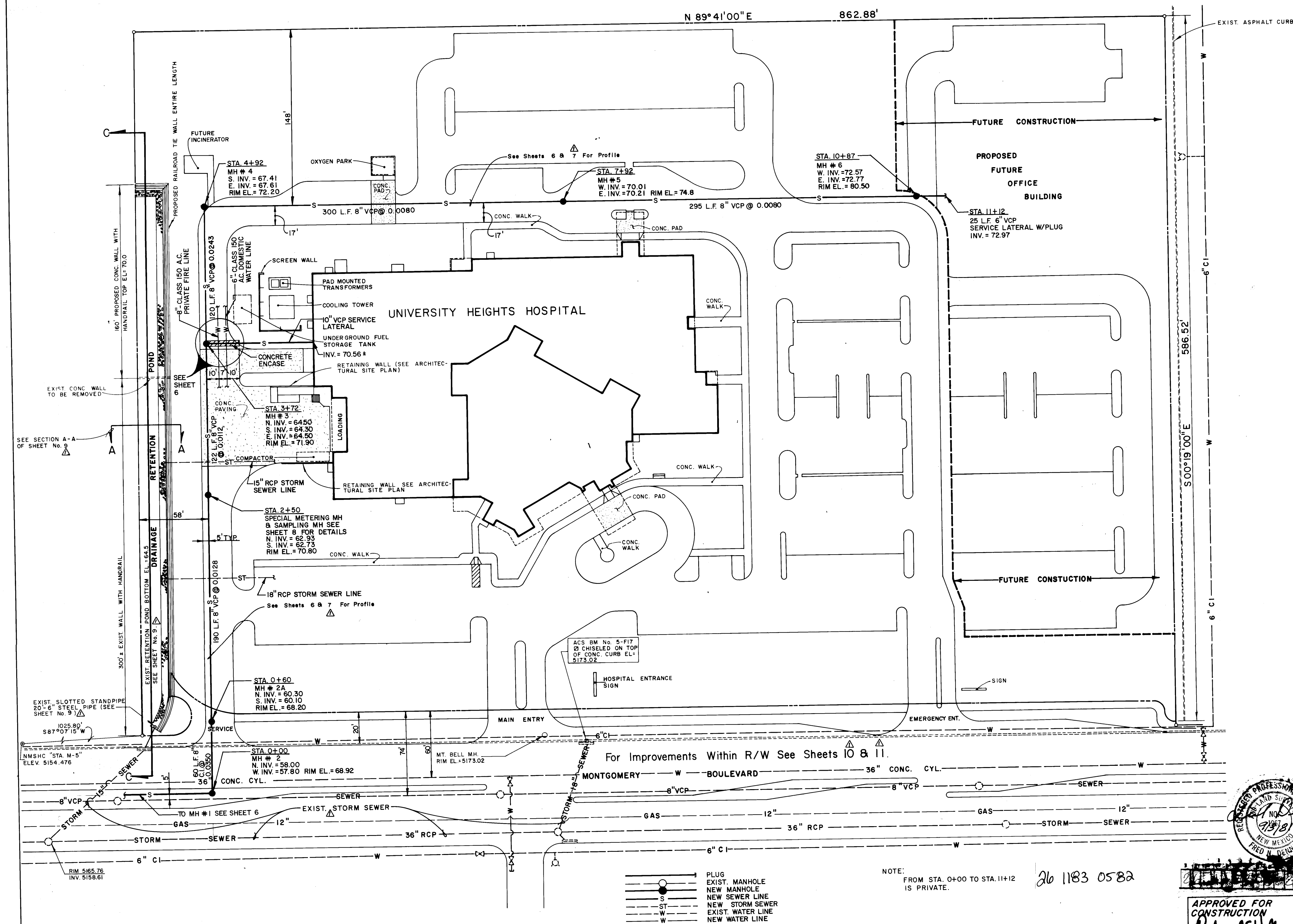


SCALE: 1" = 40'

- NOTES:
1. The Contractor shall construct each item according to the sheet in which that item is shown. All work shall be coordinated with the Architectural Site Plan and if any discrepancies arise, the Contractor shall contact the Architect in writing.
 2. All island parking areas, roads, etc., require curbing unless otherwise shown.
 3. All curbing within site shall be header curb unless otherwise shown (See Drawing P-8-2) City of Albuquerque Standard.
 4. All curb locations, island locations, pad locations, etc., shall be coordinated with all Architectural Site Plan prepared by Earl Swenson Associates, its project Architect.
 5. All curbing shall be 6" higher than adjacent paved area unless otherwise shown.
 6. See Sheet No. 2 for elevations on curbs, walks, islands, etc.

[illegible]





SCALE: 1" = 40'

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

NOTES:

1. Location and depth of all connections to existing systems to be field verified by contractor.
2. All sanitary manholes to be Type "C" City of Albuquerque Standard Drawing S-1-2.
3. The sanitary sewer system from manhole No. 2 to the eastern terminus shall be private.

New Mexico Health & Social Services
Department
Environmental Improvement Agency

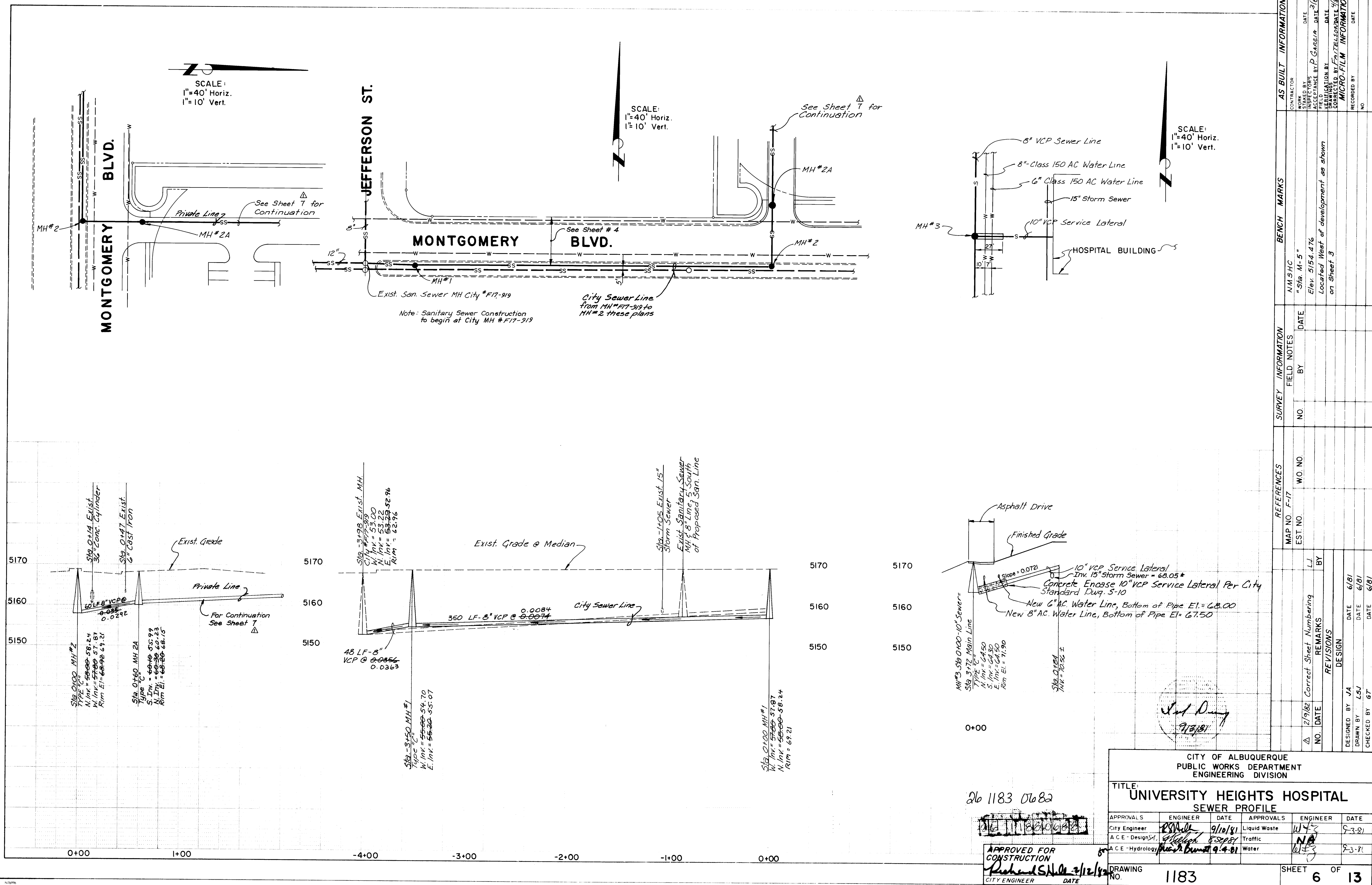
Policy on the Proximity of Water and Sewer Lines

"Whenever possible, it is desirable to lay parallel water and sewer lines at least 10 feet apart horizontally, and the water line should be at a higher elevation than the sewer. If this is not possible, separate trenches will be required in all cases (this shall be effective even though one line has been installed prior to the other), and the water line shall be at least 2 feet above the sewer. Where the water and sewer lines cross each other, the water line shall be at least 3 feet above the sewer; otherwise, the sewer shall be of steel or cast iron pipe, or equivalent, for 10 feet on each side of the water line."



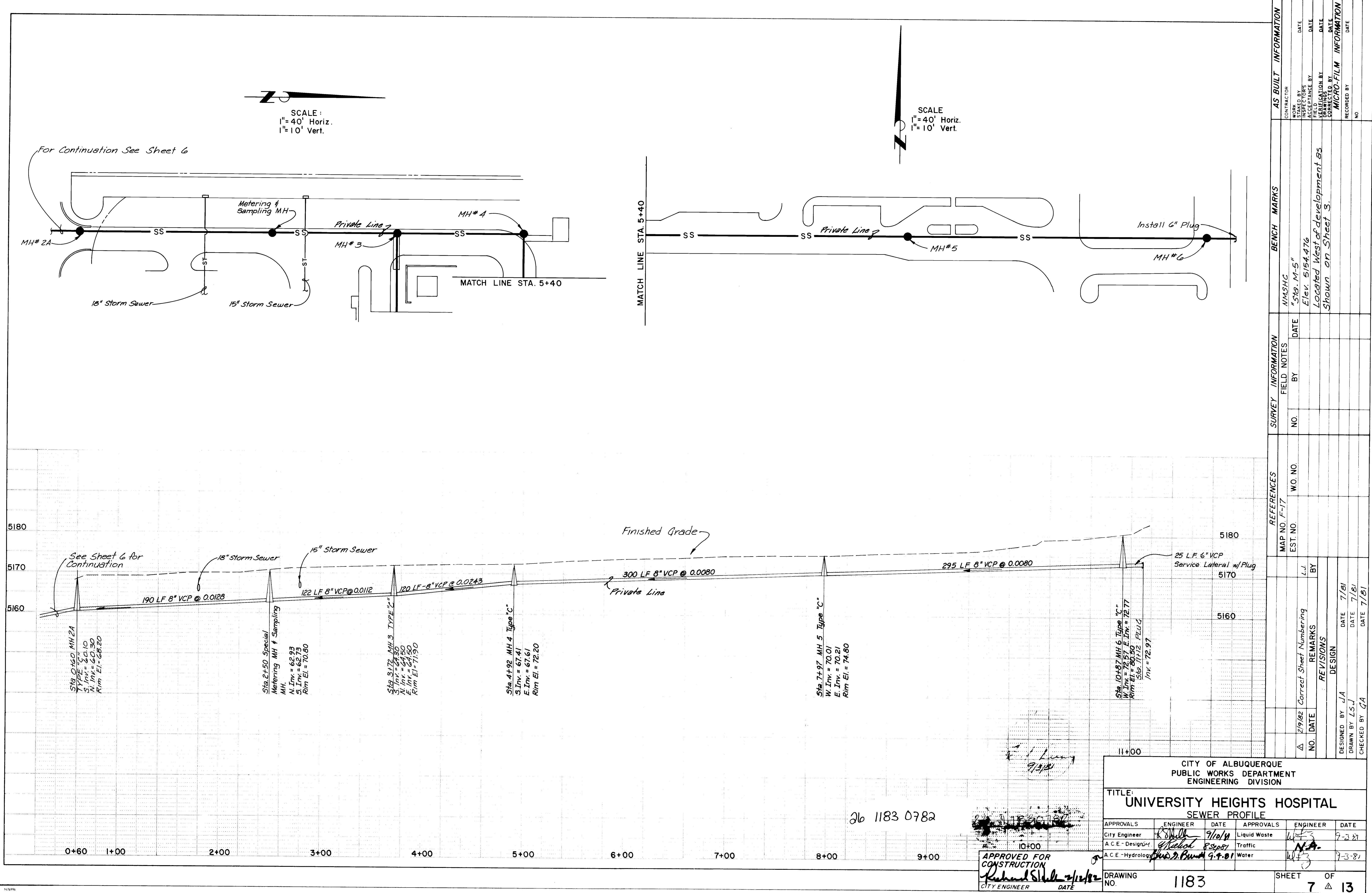
APPROVED FOR
CONSTRUCTION
Richard S. Hill
CITY ENGINEER

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: UNIVERSITY HEIGHTS HOSPITAL SEWER LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/10/41	Liquid Waste	<i>[Signature]</i>	9-3-81
A.C.E. - Design	<i>[Signature]</i>	8-20-81	Traffic	<i>[Signature]</i>	
A.C.E. - Hydrology	<i>[Signature]</i>	9-4-81	Water	<i>[Signature]</i>	9-3-81



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: UNIVERSITY HEIGHTS HOSPITAL SEWER PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/10/81	Liquid Waste	<i>[Signature]</i>	9-3-81
A.C.E. Design	<i>[Signature]</i>	8/28/81	Traffic	<i>[Signature]</i>	
A.C.E. Hydrology	<i>[Signature]</i>	9-4-81	Water	<i>[Signature]</i>	8-3-81
REVISIONS					
NO.	DATE	REMARKS	BY	DESIGNED BY	DATE
1	2/12/81	Correct Sheet Numbering	LJ	JA	6/81
DESIGN					
DRAWN BY LSJ					
CHECKED BY GT					
DATE 6/81					
DATE 6/81					
DATE 6/81					

APPROVED FOR
CONSTRUCTION
Richard S. Hall 2/12/81
CITY ENGINEER DATE



26 1183 0882

216 11832852

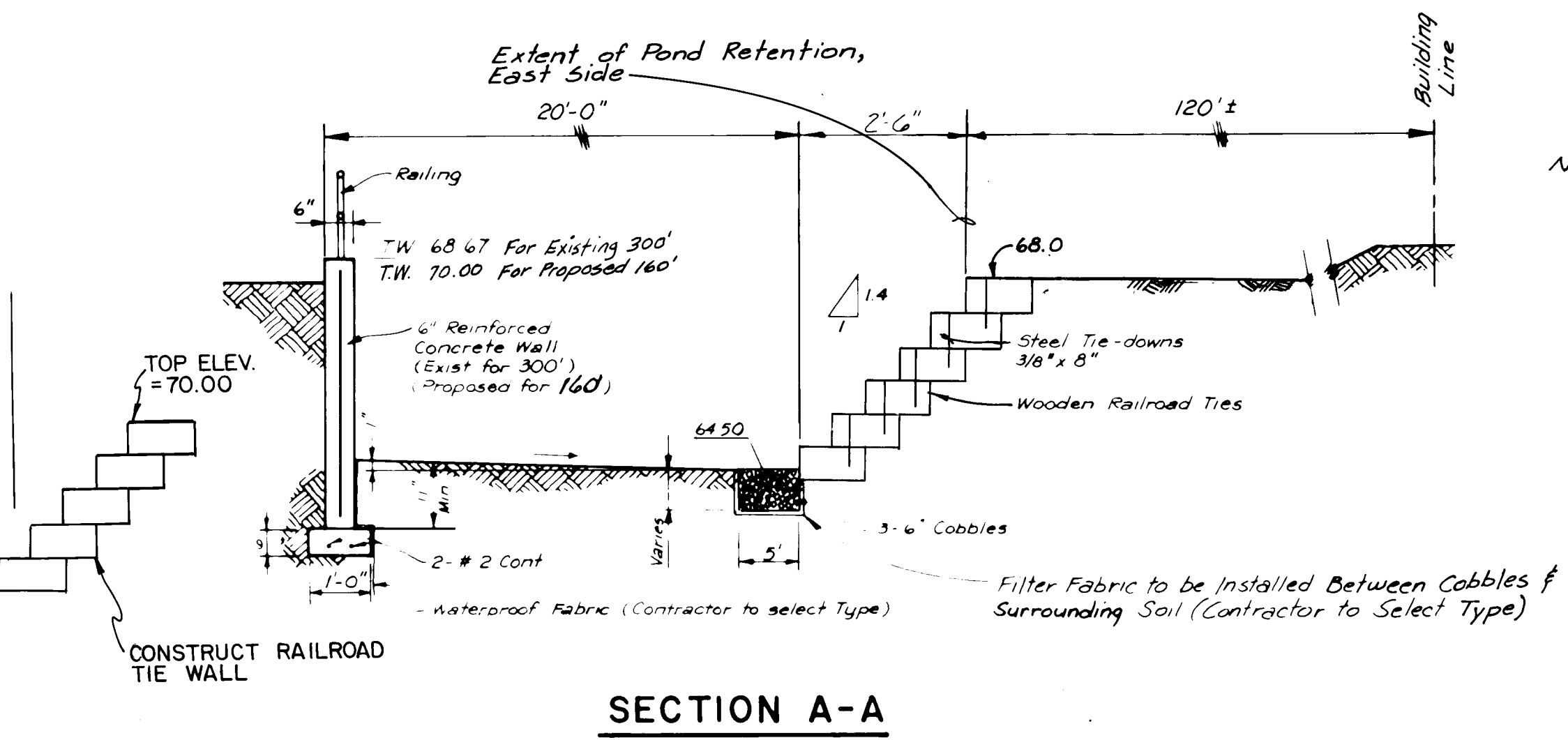
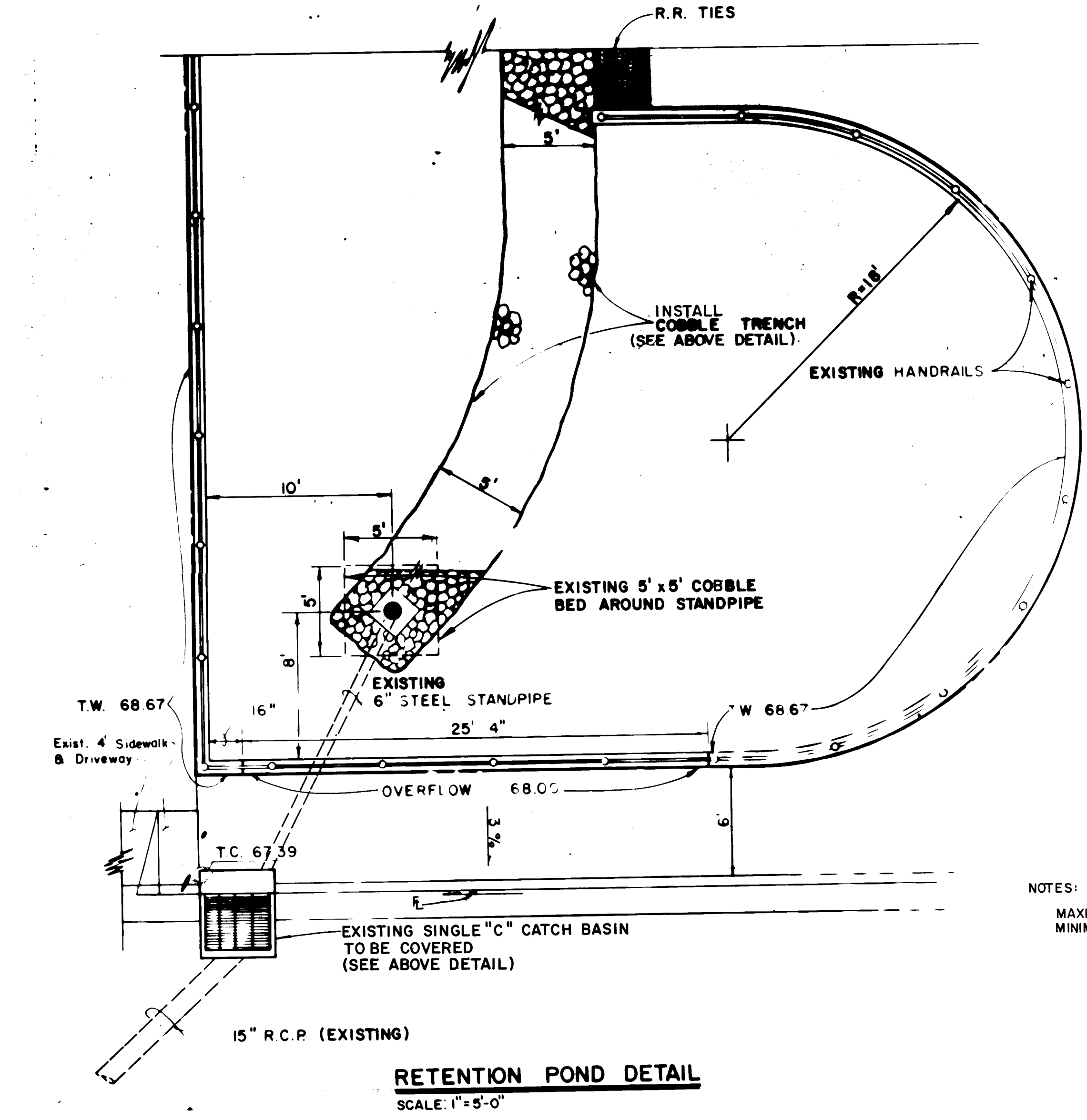
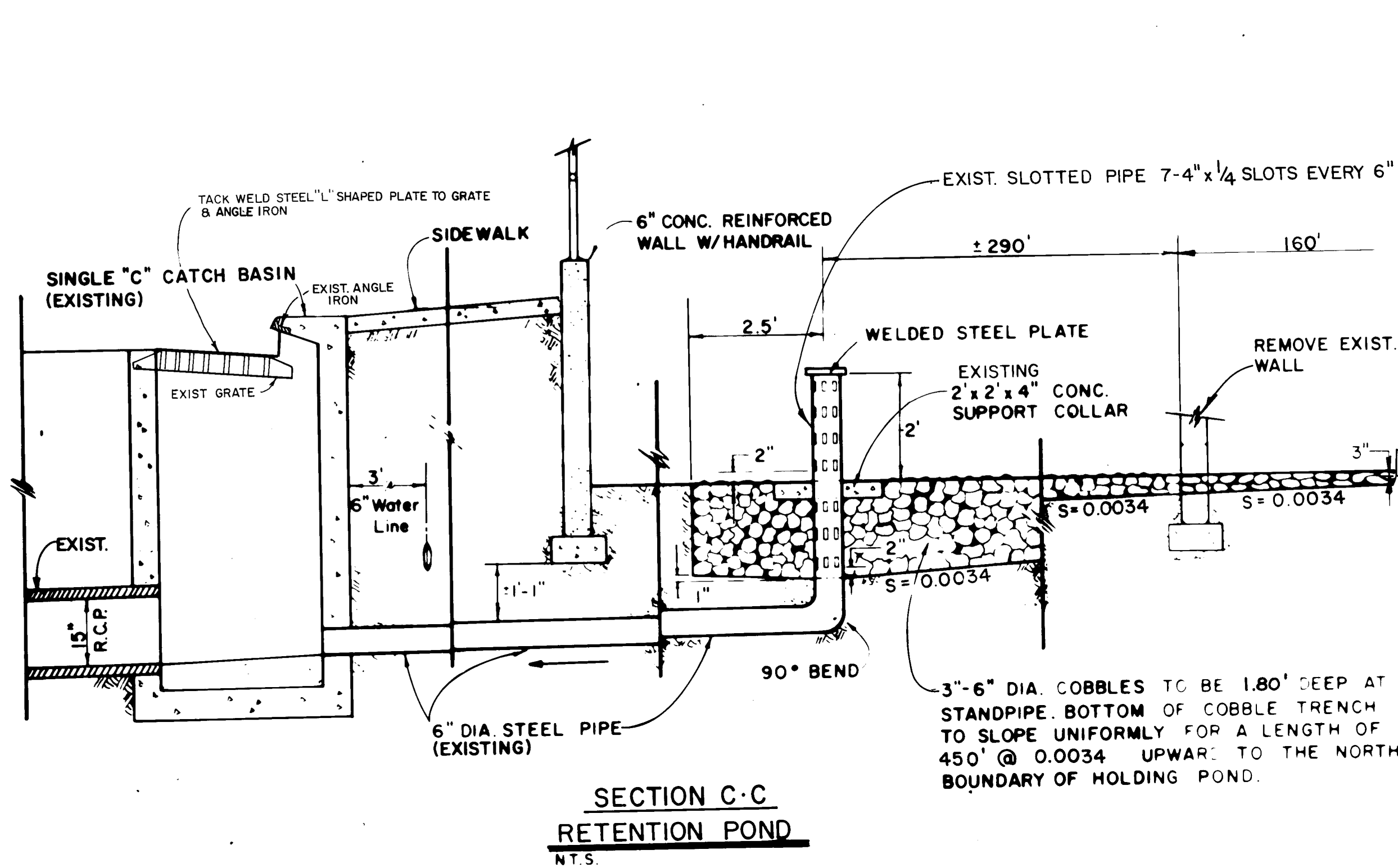
APPROVED FOR
CONSTRUCTION
Richard S. Jell
CITY ENGINEER DATE

CITY OF ALBUQUERQUE									
PUBLIC WORKS DEPARTMENT									
ENGINEERING DIVISION									
TITLE: UNIVERSITY HEIGHTS HOSPITAL									
STORM SEWER LAYOUT									

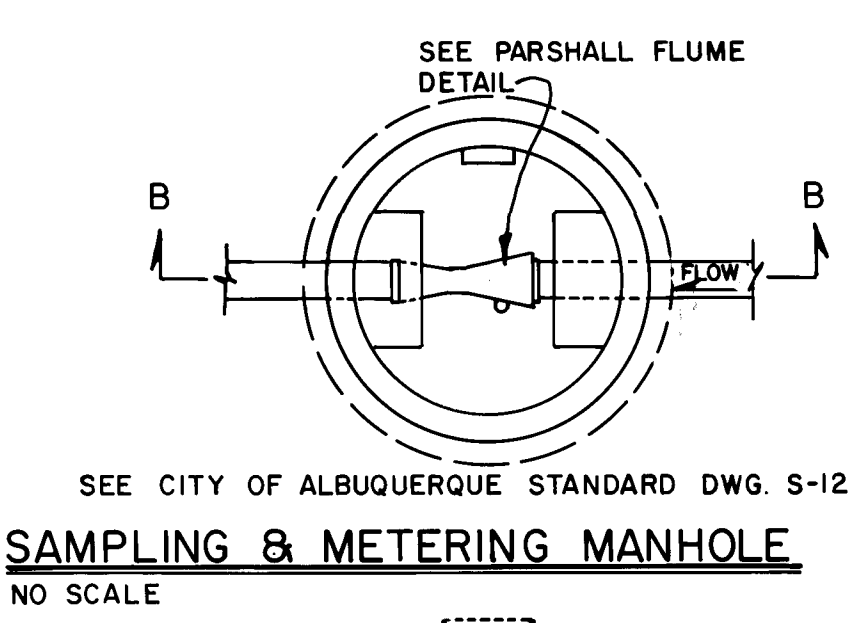
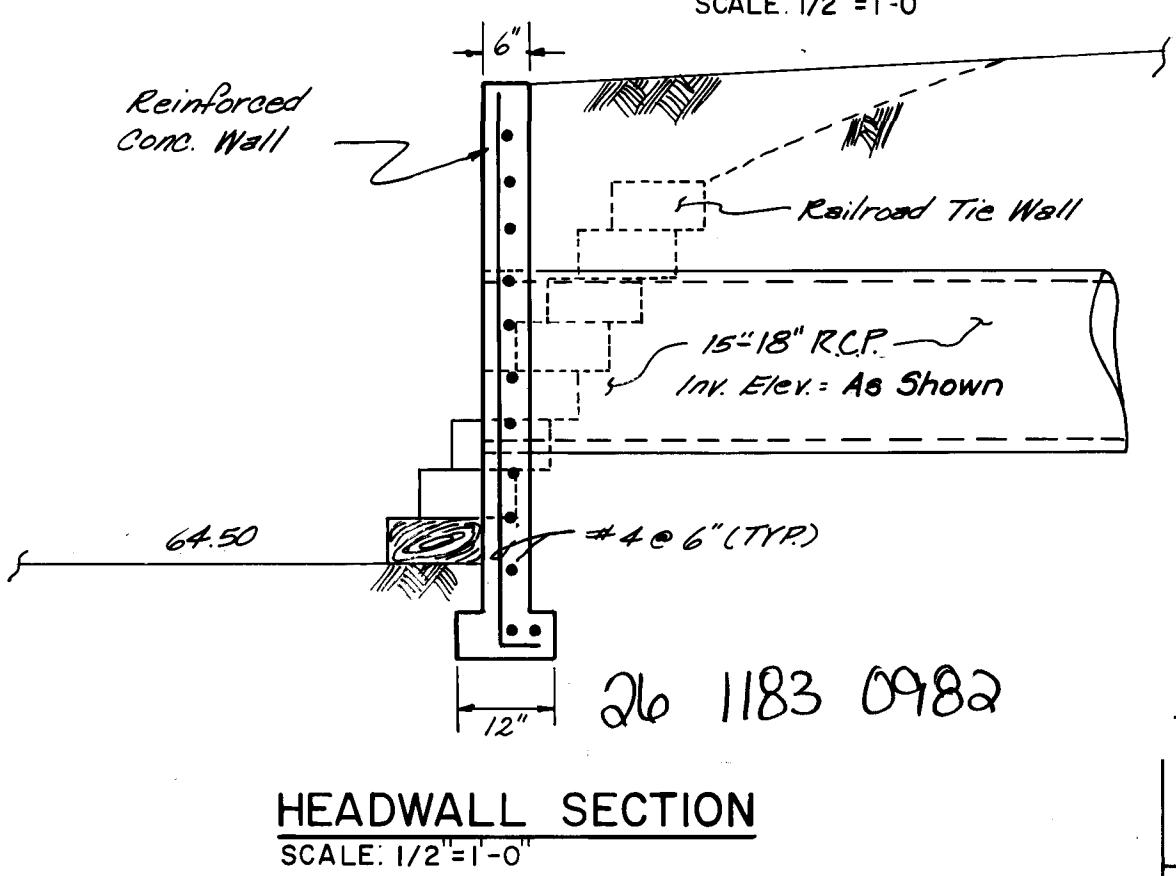
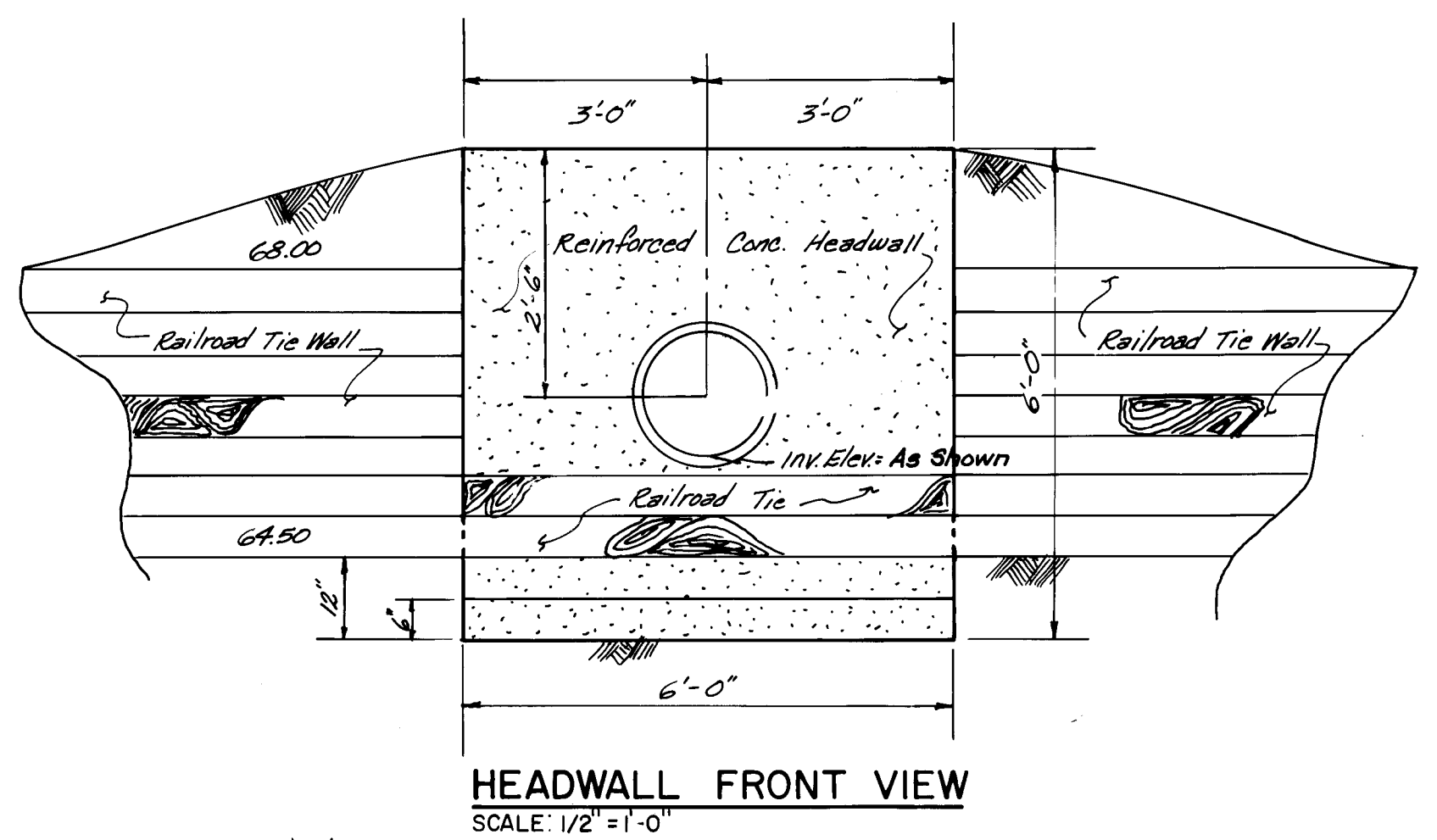
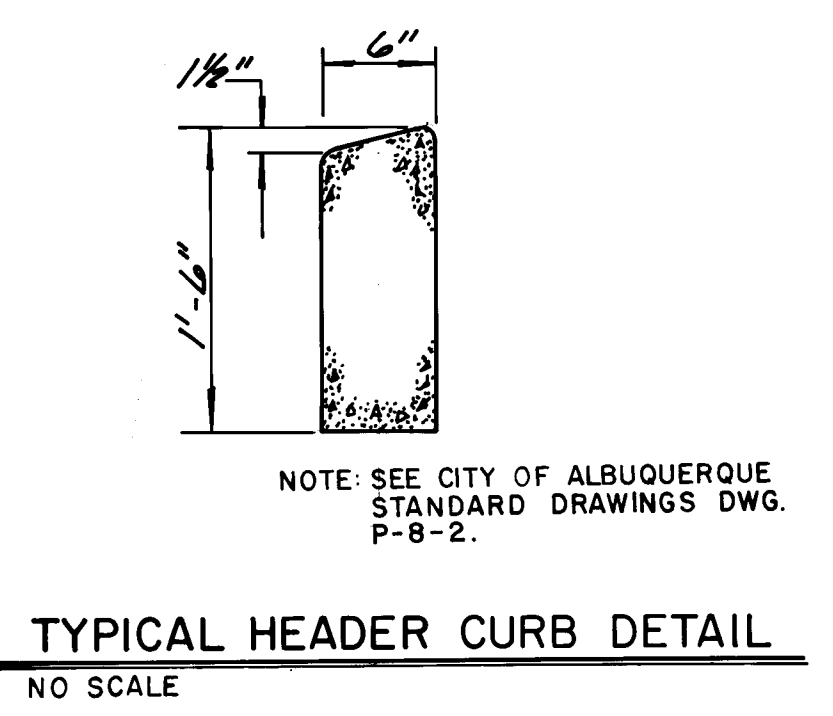
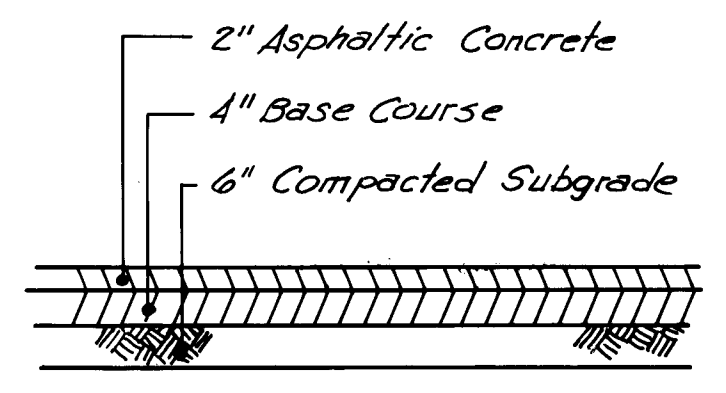
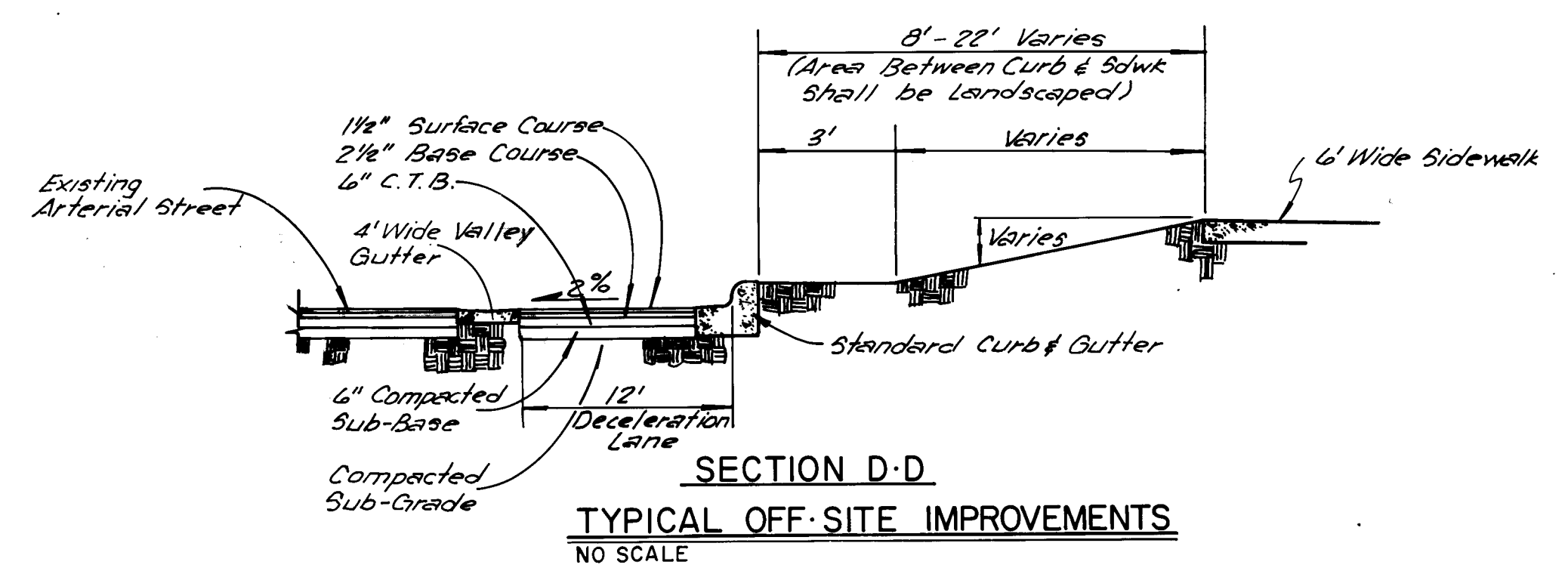
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/10/81	Liquid Waste	NA	
A.C.E. - Design	<i>[Signature]</i>	8/29/81	Traffic	NA.	
A.C.E. - Hydrology	<i>[Signature]</i>	9.4.81	Water	NA	

DRAWING NO.	1183	SHEET	8	OF	13
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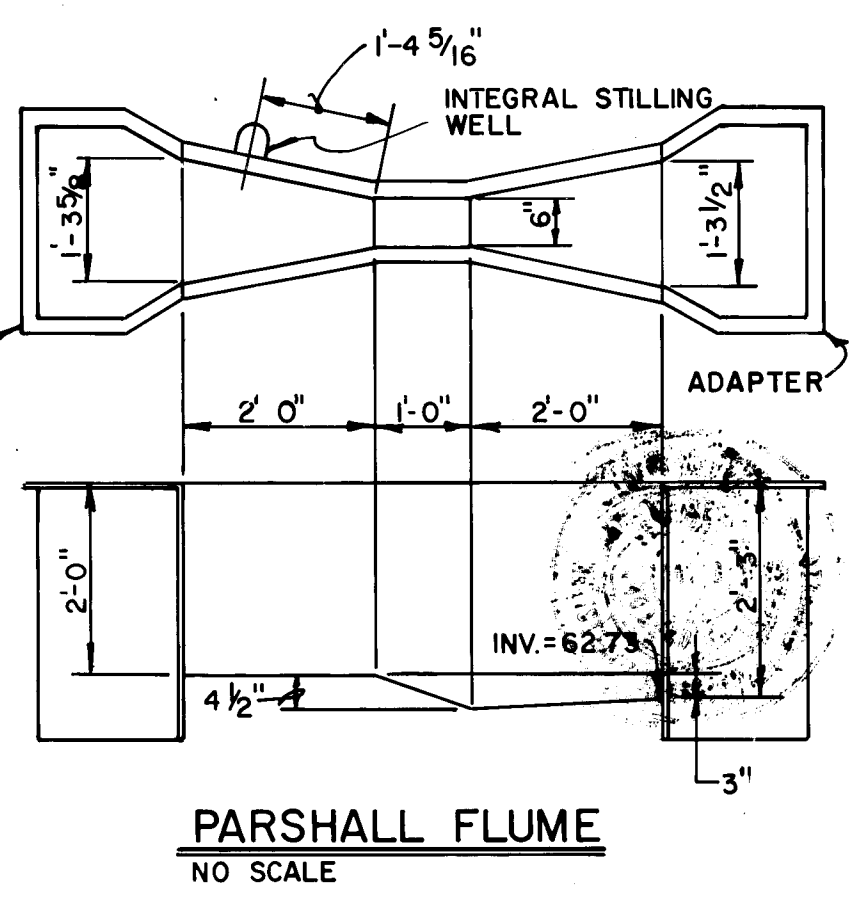
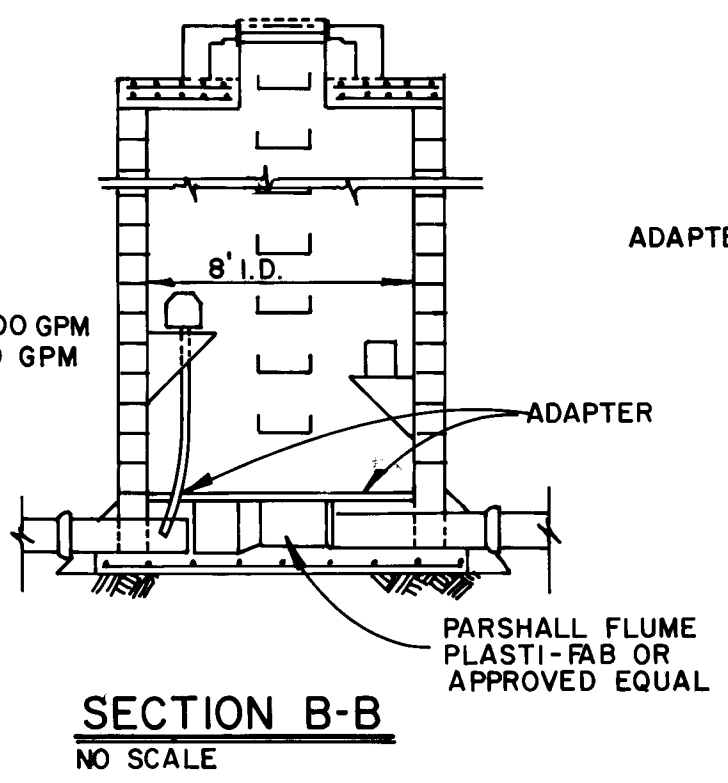
[illegible]



Note: Water Proof Fabric shall be installed as shown and shall extend 2' below bottom of footing. The fabric shall be continuous along the entire length of the block wall.



NOTES:
MAXIMUM FLOW 400 GPM
MINIMUM FLOW 50 GPM



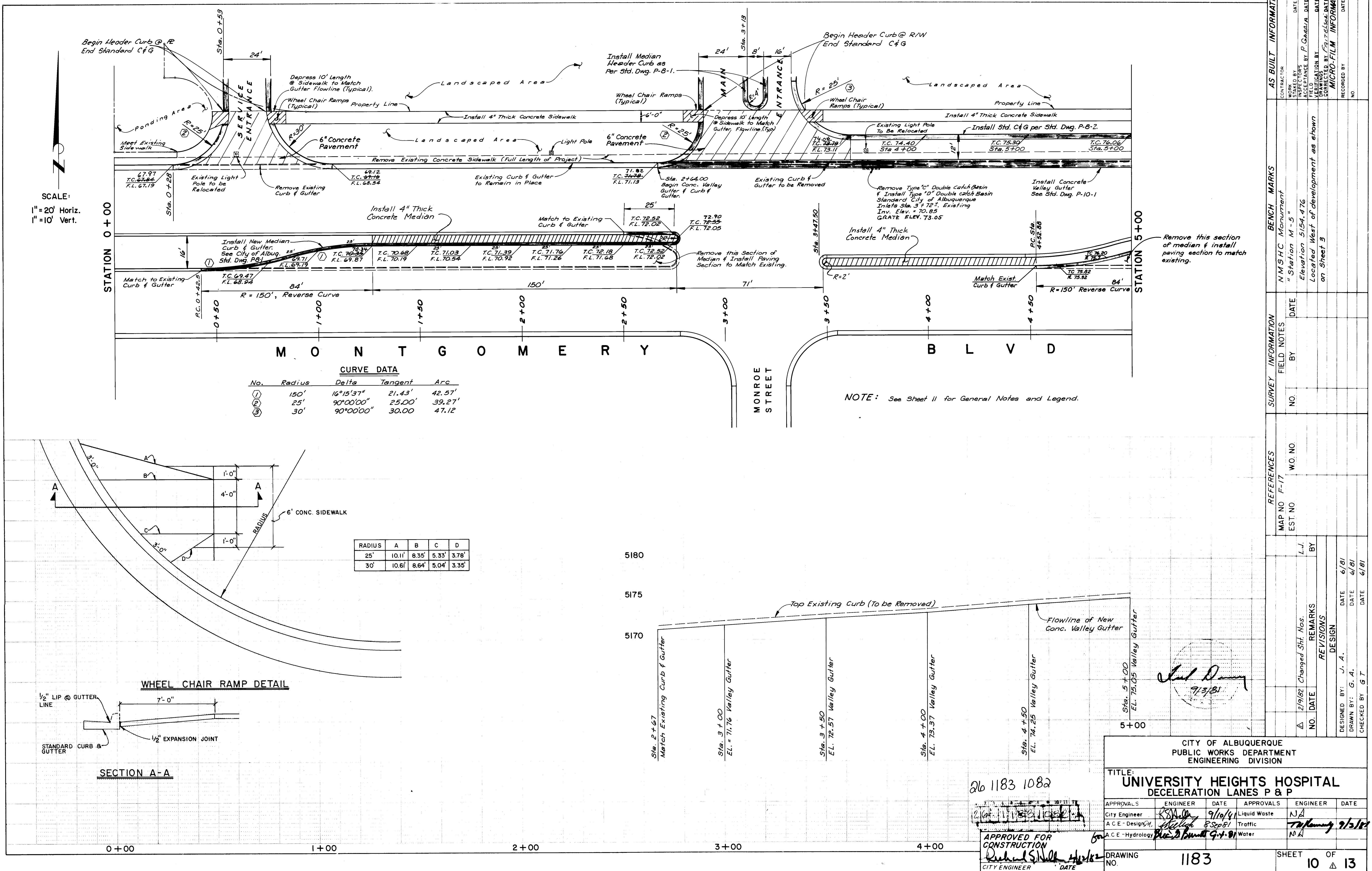
EXHIBIT

APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE

Ind. Dany
9/3/81

CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING DIVISION					
TITLE:					
UNIVERSITY HEIGHTS HOSPITAL					
MISC. DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>RJA 00</i>	<i>9/10/81</i>	Liquid Waste	<i>W.F.3</i>	<i>9-3-81</i>
A.C.E. Design <i>W.F.</i>	<i>W.F.3</i>	<i>8-28-81</i>	Traffic	<i>W.F.3</i>	<i>9/3/81</i>
A.C.B. Hydrology	<i>W.F.3</i>	<i>9-4-81</i>	Water	<i>W.F.3</i>	<i>9-3-81</i>
DRAWING		1183	SHEET		9 OF
NO					13

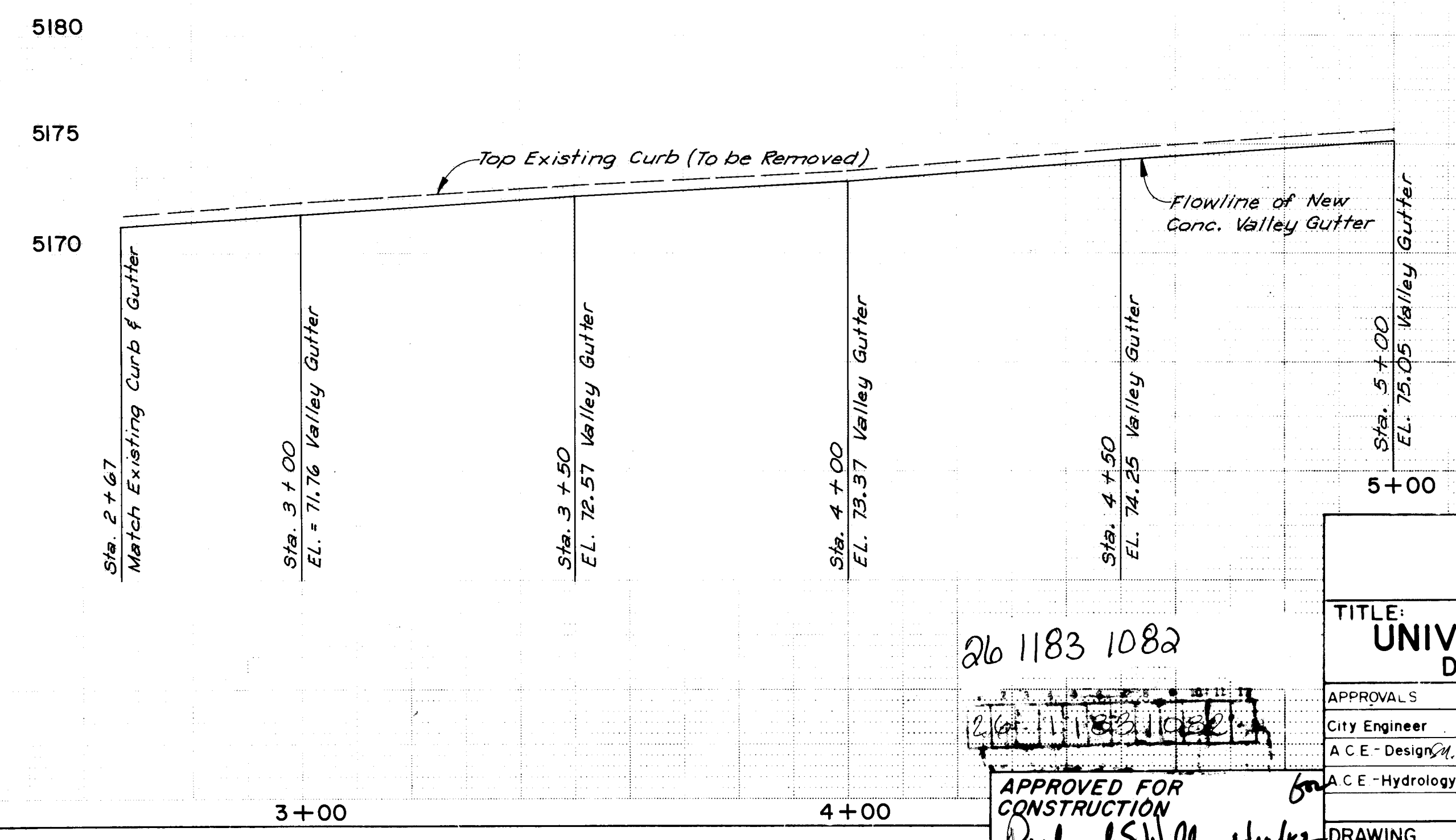
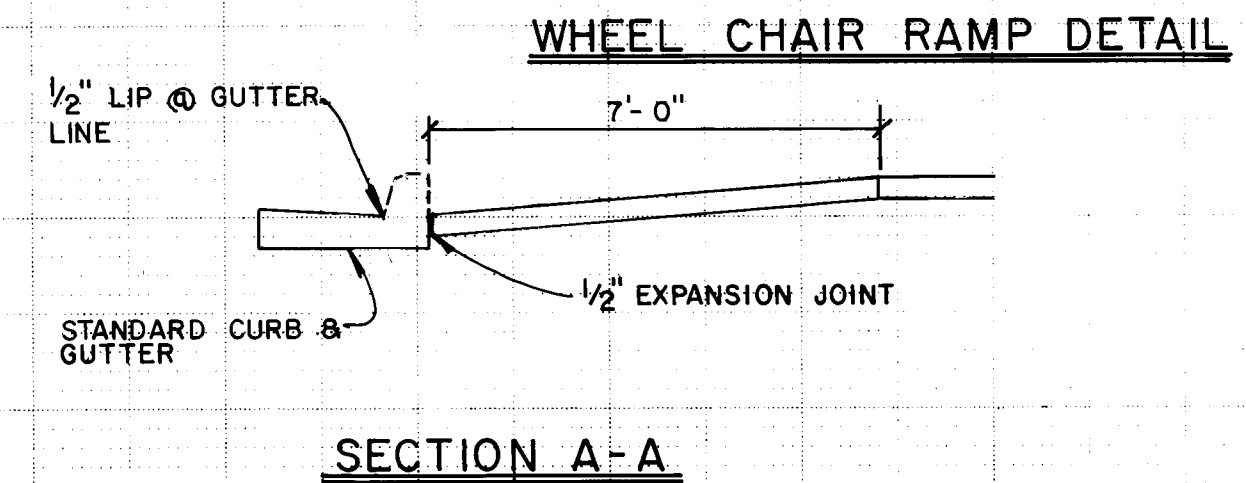
CONTRACTOR		BENCH MARKS		SURVEY INFORMATION		REFERENCES		REVISIONS	
WORK	NO	MMSHC	NO	FIELD NOTES	NO	MAP NO. F-17	NO	REMARKS	DATE
REVISIONS	DATE	REVISIONS	DATE	BY	DATE	EST. NO.	W.O. NO.	BY	DATE
ACCEPTANCE BY	DATE	FIELD BY	DATE	NO	DATE	L.J.	NO	REMARKS	DATE
DRAWINGS	DATE	LOCATED WEST OF DEVELOPMENT AS SHOWN ON SHEET 3	DATE	NO	DATE	BY	NO	REMARKS	DATE
CORRECTED BY	DATE		DATE	NO	DATE	BY	NO	REMARKS	DATE
RECORDED BY	DATE		DATE	NO	DATE	BY	NO	REMARKS	DATE



SCALE:
1" = 20' Horiz.
1" = 10' Vert.

CURVE DATA				
No.	Radius	Delta	Tangent	Arc
①	150'	16°15'37"	21.43'	42.57'
②	25'	90°00'00"	25.00'	39.27'
③	30'	90°00'00"	30.00'	47.12'

RADIUS	A	B	C	D
25'	10.11'	8.35'	5.33'	3.78'
30'	10.61'	8.64'	5.04'	3.35'



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE:
**UNIVERSITY HEIGHTS HOSPITAL
DECCELERATION LANES P & P**

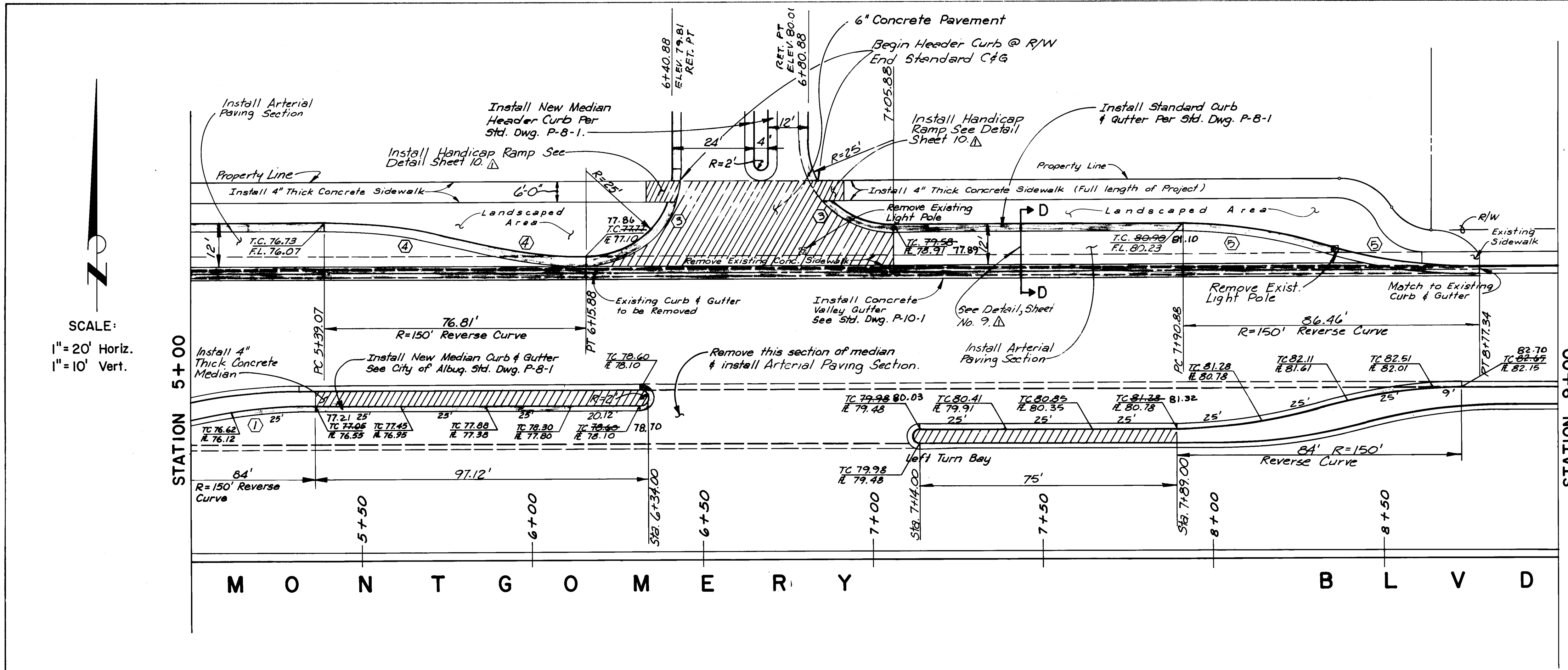
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	RSN	9/10/81	Liquid Waste	N/A	
A.C.E. - Design	RSN	8/28/81	Traffic	N/A	
A.C.E. - Hydrology	RSN	9/4/81	Water	N/A	

DESIGNED BY: J. A. DATE: 6/81
DRAWN BY: G. A. DATE: 6/81
CHECKED BY: G. T. DATE: 6/81

26 1183 1082

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE

DRAWING NO. 1183 SHEET 10 OF 13



SCALE:
1" = 20' Horiz.
1" = 10' Vert.

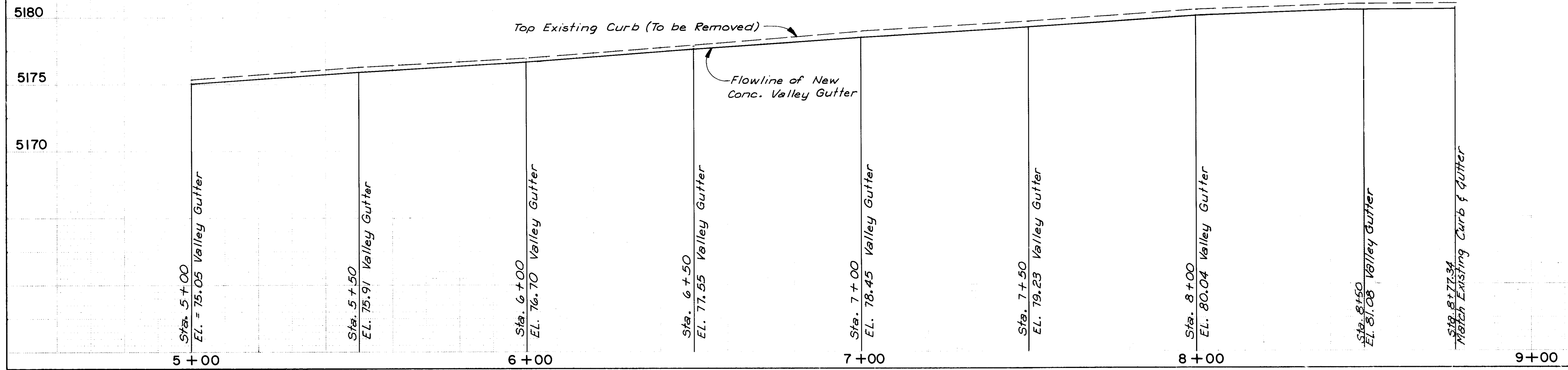
GENERAL NOTES

- 1.) Standard City of Albuquerque Arterial Street Paving (See Spec's) for All Paving in Public R.O.W.
- 2.) All Dimensions from Flowline to Flowline Unless Otherwise Shown.

LEGEND

- Existing Curb & Gutter To Remain in Place
- Existing Curb & Gutter To Be Removed
- New Curb & Gutter To be Installed.

No.	Radius	Delta	Tangent	Arc.
2	20'	90°00'00"	20.00'	31.42'
3	25'	90°00'00"	25.00'	39.27'
4	150'	14°50'06"	19.53'	38.84'
5	150'	16°44'12"	22.07'	43.82'

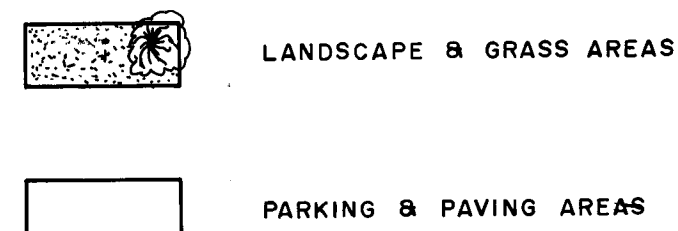


26 1183 1182

APPROVED FOR
CONSTRUCTION
Richard Shultz 2/12/82
CITY ENGINEER DATE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION			
TITLE UNIVERSITY HEIGHTS HOSPITAL DECCELERATION LANES P & P			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	9/10/81	9/10/81	Liquid Waste
A C E - Design	8/28/81	8/28/81	Traffic
A C E - Hydrology	9/4/81	9/4/81	Water
DESIGNED BY: J. A. DATE: 6/81			
DRAWN BY: G. A. DATE: 6/81			
CHECKED BY: G. T. DATE: 6/81			
REVISIONS			
NO. DATE			
1 2/9/82 Change Sheet Numbers			
L.J. BY			
MAP NO F-17			
EST NO			
W O N O			
SURVEY INFORMATION			
FIELD NOTES			
BY			
NO			
DATE			
AS BUILT INFORMATION			
CONTRACTOR			
DATE			
INSPECTOR			
DATE			
FIELD ENGINEER			
DATE			
CORRECTION BY			
DATE			
MICRO-FILM INFORMATION			
RECORDED BY			
DATE			

LANDSCAPE



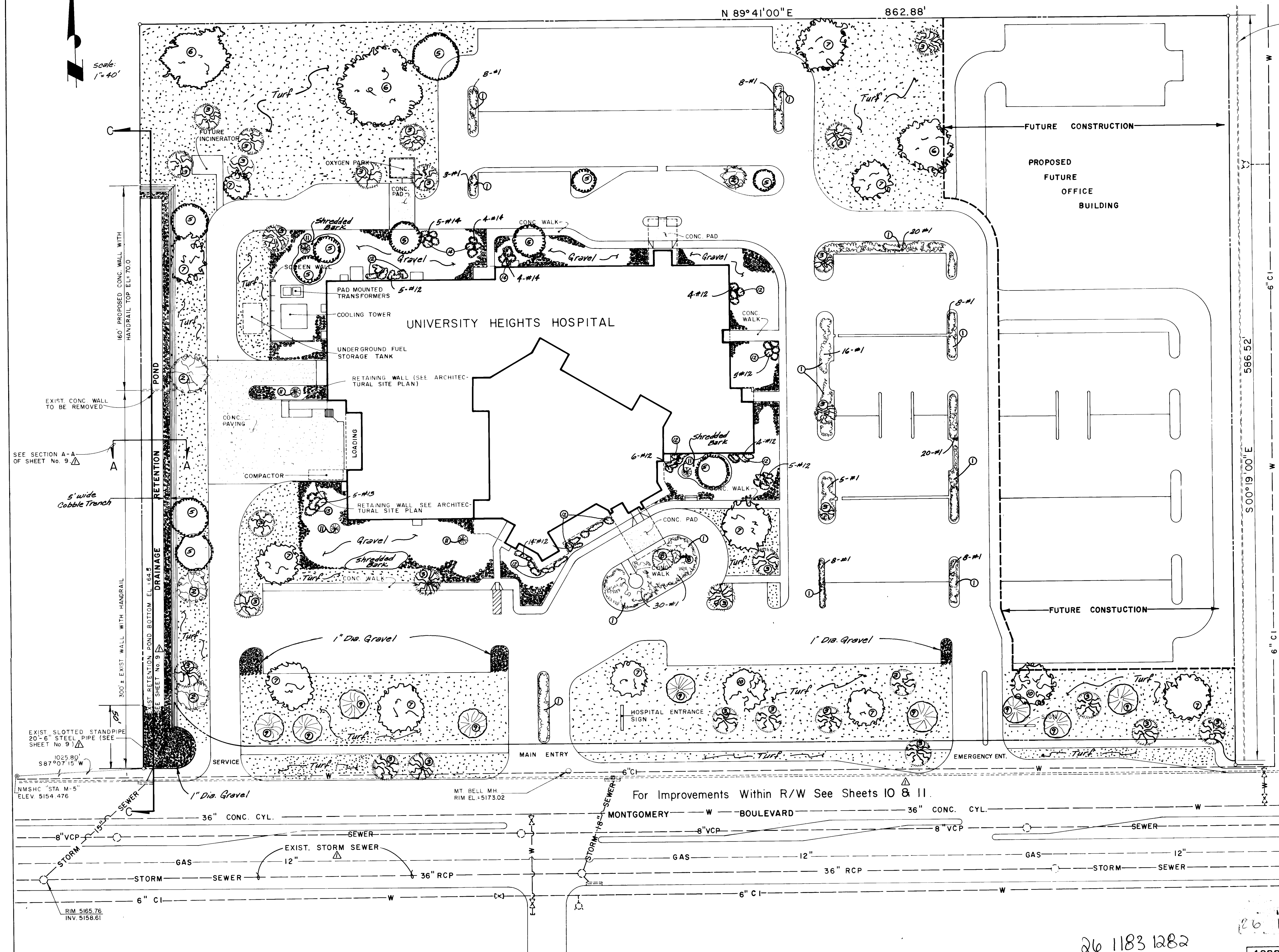
TREES & FOLIAGE

1. ANDOVRA JUNIPER (JUNIPER HOZONTALIS PLUMOSA)
2. SILVER MAPLE (ACER SACCARINUM)
3. JAPANESE BLACK PINE (PINUS THUNBERGI)
4. ~~SHOWY BORDER FORSYTHIA (FORSYTHIA INTERMEDIAPETALIST)~~
5. RUSSIAN OLIVE (ELAEGNUS ANGSTIFOLIA)
6. FRUITLESS MULBERRY (MORUS ALBA)
7. LONDON PLANE (PLATANUS ACERIFOLIA)
8. LILAC (SYRINGA VULGARIS)
9. PINON PINE (PINUS EDULIS)

10. GREEN ASH (FRAXINUS PENNSYLVANICA)
11. DESERT WILLOW (CHILOPSIS LINEARIS)
12. CHAMISA (CHRYSOTHAMNUS NAUSEOSUS)
13. APACHA PLUME (FALLUGIA PARADOXA)
14. SANTOLINA (SANTOLINA CHAMAECYPARISSUS)

NOTES:

1. ALL RUSSIAN OLIVE TO BE 8-10 FT., WELL BRANCHED
2. SOD SHOULD BE LAID NO LATER THAN 24 HOURS AFTER CUTTING. SOD IS TO BE PREDOMINATELY KENTUCKY BLUE, FREE FROM WEEDS AND DELETERIOUS ROOT MATERIAL.
3. PINON PINE TO BE BALLED AND BURLAPED 6'-8'
4. GRAVEL TO BE 1" ROUND RIVER RUN GRAVEL.



PLANTING SCHEDULE

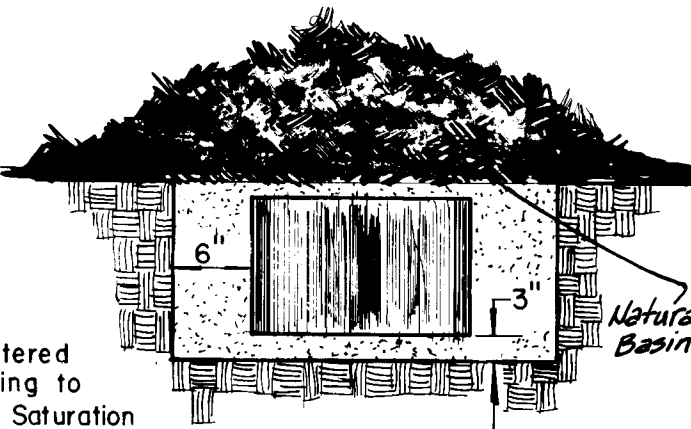
COMMON NAME	QUANTITY	SIZE
ANDOVRA JUNIPER	134	5 GALLON - 24" MIN.
SILVER MAPLE	4	2" CALIPER MIN. - 10' MIN.
JAPANESE BLACKPINE	28	15 GALLON MIN. - 6'-10' Tall
RUSSIAN OLIVE	11	1-1/2" CALIPER MIN. MULTI STEM
FRUITLESS MULBERRY	3	10' MIN.
LONDON PLANE	10	2" CALIPER MIN. - 10' MIN.
LILAC	2	5 GALLON
PINON PINE	9	6'-10' TALL / UNIFORM & DENSE
GREEN ASH	2	2" CALIPER MIN. - 10' MIN.
DESERT WILLOW	5	15" GALLON - 15' MIN.
CHAMISA	43	1 GALLON - 2' DIAMETER MIN.
APACHA PLUME	5	1 GALLON - 2' DIAMETER MIN.
SANTOLINA	13	1 GALLON - 2' DIAMETER MIN.

BACKFILL MIXTURE

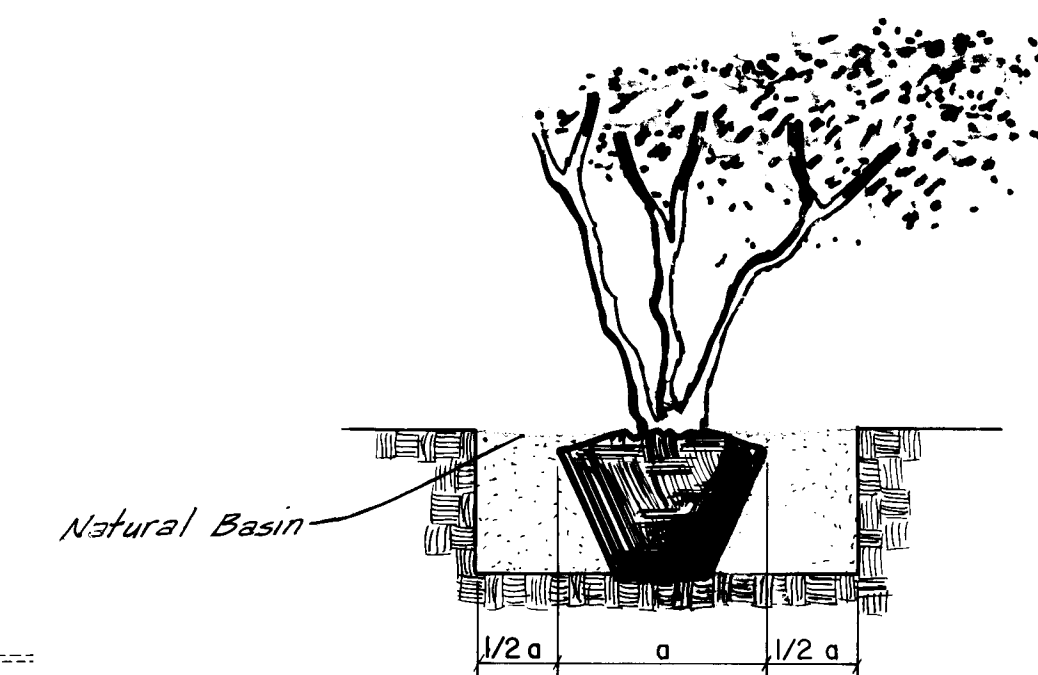
1. 1 Part Peat Moss or Decomposed Bark
2. 2 Parts Existing Soil

NOTE: All Plants are to be Watered at the Time of Backfilling to Insure Backfill Mixture Saturation

PLANTING DETAIL



TREE PLANTING DETAIL



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: UNIVERSITY HEIGHTS HOSPITAL
LANDSCAPING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	NA		Liquid Waste	NA	
A.C.E. Design	NA	8/28/81	Traffic	NA	
A.C.E. Hydrology	NA	9-4-81	Water	NA	

APPROVED FOR CONSTRUCTION
DATE 9/3/81
DRAWING NO. 1183

1183

SHEET 12 OF 13

ZONE ATLAS F-17
SP N° 01-11-294

SUMMARY PLAT^{82 1565}
OF
UNIVERSITY HEIGHTS HOSPITAL
ALBUQUERQUE, NEW MEXICO

State of New Mexico)
County of Bernalillo)
This instrument was filed for record on

JAN 11 1982
At 10:00'clock P.M. Recorded in Vol. _____
of records of said County for use

Work & revision
Subdiv. 100
Cap L.S. 4100

DESCRIPTION

Tracts "L" and "M" of the Montgomery Heights Addition as shown and designated on the "Summary Plat of Ken Johns Automotive Center" recorded in the office of the Bernalillo County Clerk on June 19, 1979 Volume C15-29.

PURPOSE

To grant water line easement as shown on Tract L.

FREE CONSENT AND DEDICATION

The undersigned Owners of the land shown on this map do hereby dedicate the easements shown hereon together with the right of ingress and egress for maintenance purpose.

[Signature]
University Heights Hospital

ACKNOWLEDGEMENT

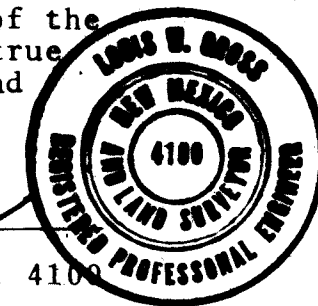
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

On this 4th day of Jan 1982, the foregoing instrument was acknowledged before me by the Owners of the above described property on their behalf.

My Commission Expires 10/14/84 *[Signature]*
Notary Public

SURVEYOR'S CERTIFICATION

This is to certify that this plat of survey was prepared under my direct supervision, shows all easements of record, meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.



9/9, 1981 *[Signature]*
Louis W. Gross
N.M.P.E. & L.S. No. 4100

APPROVALS

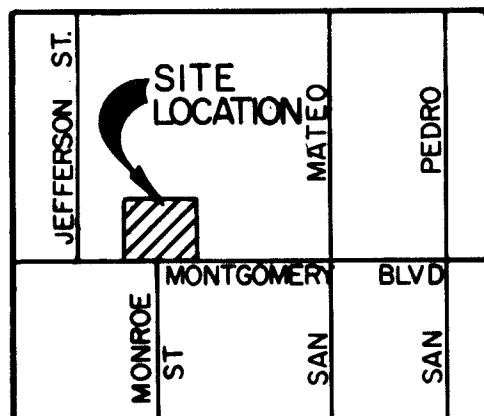
[Signature] 9/9/82
Planning, City of Albuquerque

[Signature] 11/1/82
City Engineer

[Signature] 1/6/82
Water Resources

[Signature] 1/1/82
Property Management

DENNEY-GROSS & ASSOC., INC.
ENGINEERS SURVEYORS PLANNERS
2400 COMANCHE RD. N.E., ALBUQ. N.M. 87107
(505) 884-0696



NO.	Δ	R	L	T
①	180°00'00"	18.00'	56.55'	—
②	51°03'27"	90.00'	80.20'	42.98'
③	57°54'36"	18.00'	18.19'	9.96'
④	57°54'36"	14.00'	14.15'	7.75'

Set 1/2" Rebar
Cap L.S. 4100

SCALE
1" = 60'

N 89° 41' 00" E

MONTGOMERY VILLAGE ADDITION TRACT "K" JULY 11, 1977

590.12'

862.88'

586.52'

SUBDIVISION OF TRACT 100 FEBRUARY 8, 1957

MONTGOMERY HEIGHTS ADDITION TRACT "N" JULY 11, 1977

TRACT "M"
3.698 AC.

TRACT "L"
8.000 AC.

MONTGOMERY

BLVD.

N.E.

Set 1/2" Rebar
Cap L.S. 4100

MONROE STREET

125'

R/W

R/W

100'

FD # 53712

BENCH MARK
NMSHC "STA. M-5"
ELEV. = 5154.476
Located West of Development
as Shown on Sheet 3.

26 1183 1383

26 1183 1383

1183