

McCLINTIC

SOLAR TOWNHOUSE DEVELOPMENT

ALBUQUERQUE , NEW MEXICO

INDEX

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NOTICE TO CONTRACTORS

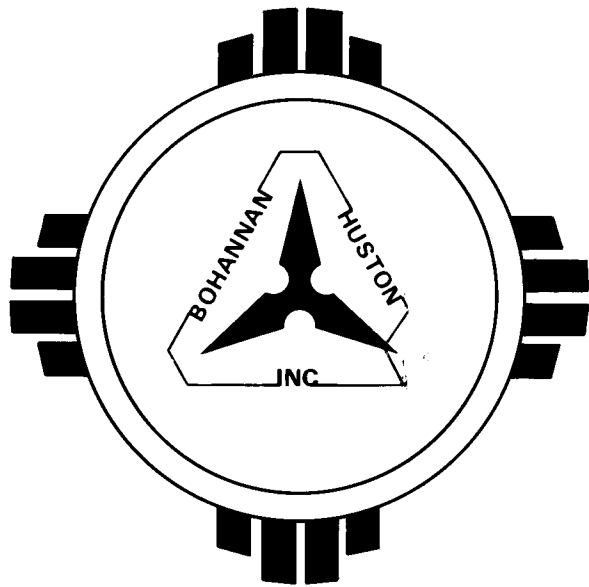
1. New Mexico Standard Specifications for Public Works Construction-1979 Edition will be referred to hereon as the "Standard Specification."
2. All work detailed on these plans to be performed under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with "Contract Documents for City-Wide Utilities and Cash Paving No. 31" and the Standard Specification."
3. Two working days prior to any excavation, contractor must contact Line Locating Service, 765-1234, for location of existing utilities.
4. 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 a minimum amount of delay.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

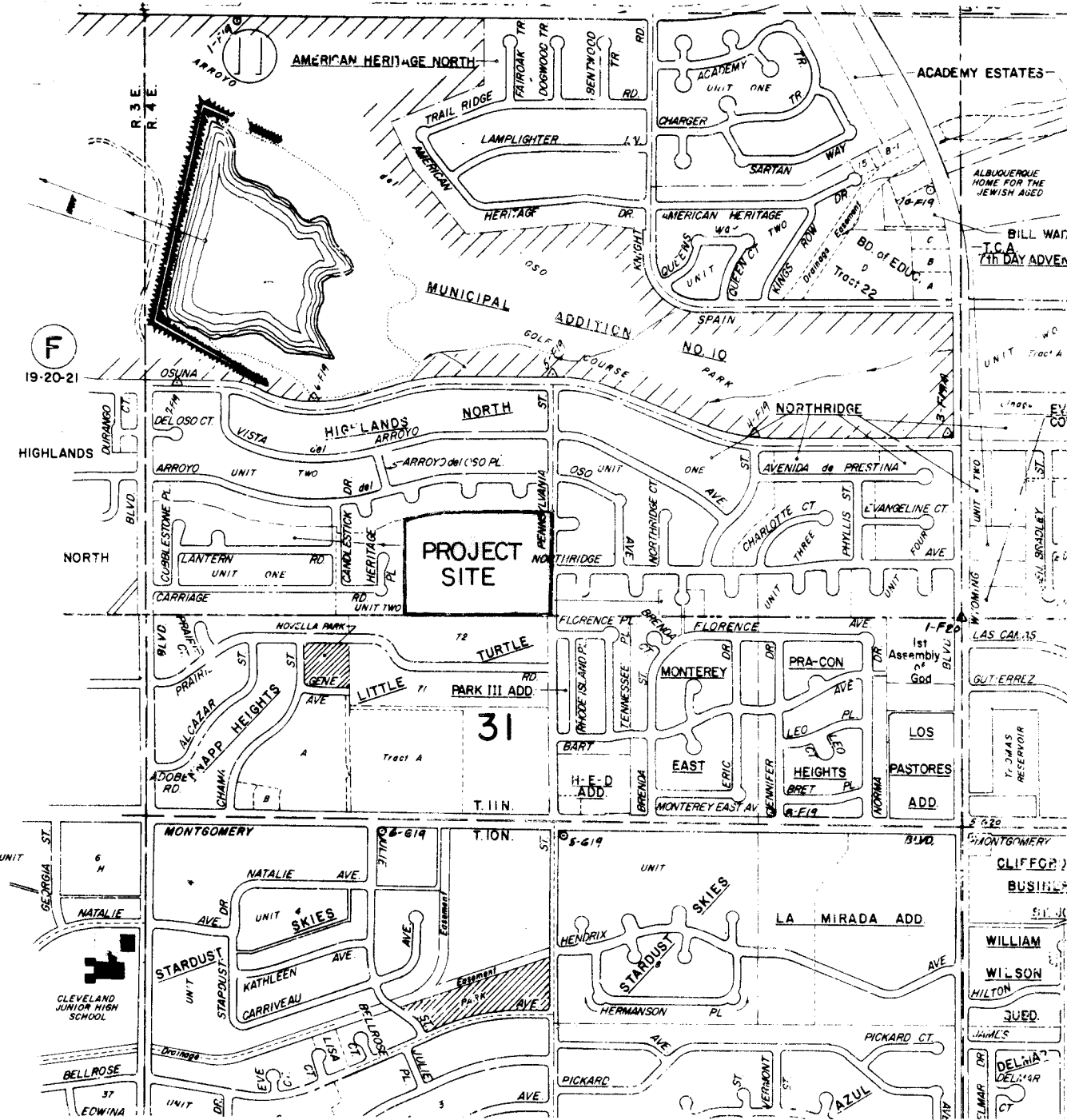
- ☒ All utilities and utility service lines shall be installed prior to paving.
- ☒ Backfill compaction shall be according to specified street use.
- ☒ Tack coat requirements shall be determined by the City Engineer.
- ☒ Sidewalks and wheelchair ramps within the curb returns shall be constructed wherever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

REV	SHEET	REVISION	DATE	CITY ENGINEER
1	1	CHANGED CONTRACT NO FROM 30 TO 31	10-6-82	<i>[Signature]</i>

APPROVED FOR RECORD DRAWINGS		APPROVED FOR CONSTRUCTION	
ASST. CITY ENGINEER, FIELD	DATE	CITY ENGINEER	DATE
CITY OF ALBUQUERQUE			
APPROVALS		ENGINEER	DATE
A.C.E. DESIGN			
WATER RESOURCES			
CITY ENGINEER			
PROJECT NO. 1326		MAP NO. 1177	
		SHEET 1 OF 12	



F-19
VICINITY MAP

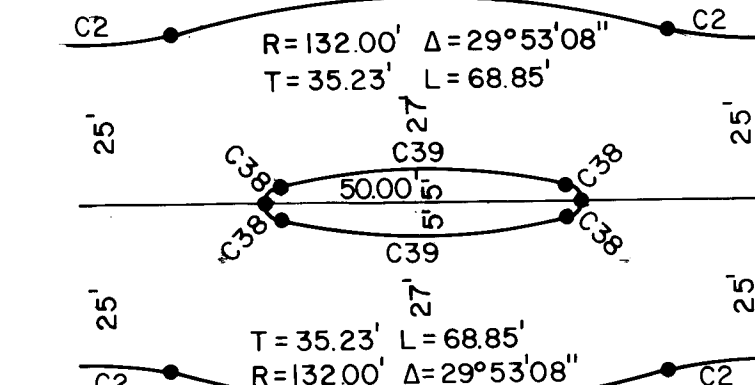


26 1326 0183

[Signature]
10-5-82

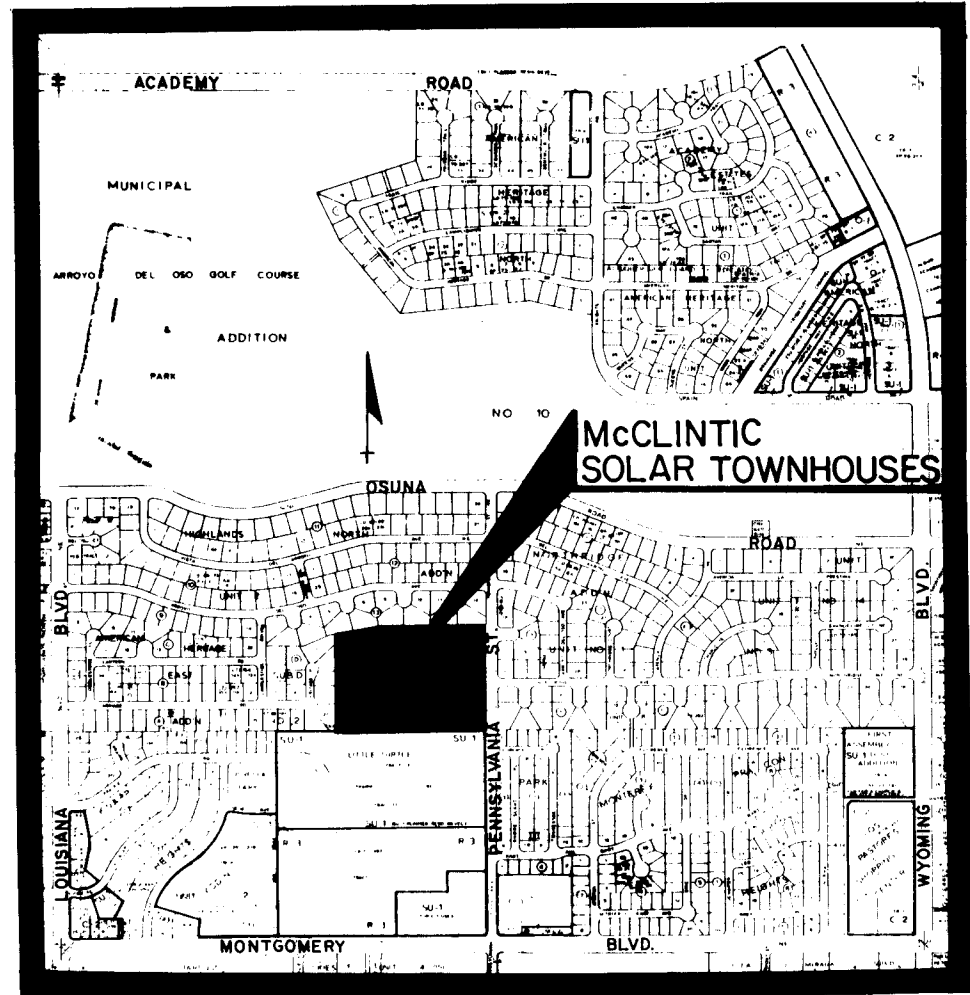
NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	25.00'	39.27'	35.36'	90°00'00"	25.00'
C2	75.00'	19.56'	19.50'	14°56'34"	9.84'
C3	132.00'	34.43'	34.33'	14°56'34"	17.31'
C4	75.00'	1.68'	1.68'	01°17'05"	.84'
C5	75.00'	17.88'	17.84'	13°39'29"	8.98'
C6	75.00'	7.52'	7.52'	05°44'53"	3.77'
C7	75.00'	12.04'	12.02'	08°11'41"	6.03'
C8	132.00'	22.55'	22.52'	09°47'10"	11.30'
C9	132.00'	26.71'	26.67'	11°35'43"	13.40'
C10	132.00'	19.59'	19.57'	08°30'16"	9.81'
C11	75.00'	5.91'	5.91'	04°30'56"	2.96'
C12	75.00'	13.65'	13.63'	10°25'38"	6.84'
C13	75.00'	19.21'	19.16'	14°40'40"	9.66'
C14	75.00'	.35'	.35'	00°15'54"	.17'
C15	132.00'	33.05'	32.96'	14°20'44"	16.61'
C16	132.00'	1.38'	1.38'	00°55'50"	.69'
C17	132.00'	31.97'	31.89'	13°52'42"	16.07'
C18	132.00'	32.98'	32.89'	14°18'50"	16.57'
C19	132.00'	3.90'	3.90'	01°41'37"	1.95'
C20	75.00'	4.85'	4.85'	03°42'32"	2.43'
C21	75.00'	14.71'	14.68'	11°14'02"	7.38'
C22	132.00'	12.47'	12.46'	05°24'41"	6.24'
C23	132.00'	34.41'	34.31'	14°56'07"	17.30'
C24	132.00'	21.98'	21.95'	09°32'20"	11.01'
C25	75.00'	14.57'	14.54'	11°07'42"	7.31'
C26	75.00'	4.99'	4.99'	03°48'52"	2.50'
C27	75.00'	15.45'	15.42'	11°48'00"	7.75'
C28	75.00'	4.11'	4.11'	03°08'34"	2.06'
C29	75.00'	2.41'	2.41'	01°50'20"	1.20'
C30	75.00'	17.15'	17.12'	13°06'15"	8.61'
C31	132.00'	7.46'	7.46'	03°14'12"	3.73'
C32	132.00'	50.91'	50.59'	22°05'50"	25.77'
C33	132.00'	10.49'	10.48'	04°33'08"	5.25'
C34	75.00'	2.79'	2.79'	02°07'43"	1.39'
C35	75.00'	16.77'	16.74'	12°48'51"	8.42'
C36	75.00'	6.37'	6.37'	04°52'07"	3.19'
C37	75.00'	13.19'	13.17'	10°04'27"	6.61'
C38	2.50'	3.37'	3.12'	77°19'11"	2.00'
C39	105.00'	46.48'	46.10'	25°21'39"	23.63'

NR.	DISTANCE	BEARING
T1	1.00'	N89°55'14"W
T2	4.62'	N89°55'14"W
T3	6.29'	N89°55'14"W
T4	6.00'	S89°55'14"E
T5	7.43'	S89°55'14"E
T6	3.54'	S89°55'14"E
T7	1.00'	S89°55'14"E
T8	8.66'	N89°55'14"W
T9	7.00'	N89°55'14"W
T10	13.33'	S89°55'14"E
T11	13.66'	S89°55'14"E
T12	2.43'	S89°55'14"E
T13	6.69'	N89°55'14"W



ISLAND DETAIL
NO SCALE

LOT NUMBER	ACREAGE	LOT NUMBER	ACREAGE	LOT NUMBER	ACREAGE
TRACT A	0.4197	32	0.1156	68	0.1010
TRACT B	0.2472	33	0.0756	69	0.1505
TRACT C	0.0790	34	0.1220	70	0.1204
TRACT D	0.1580	35	0.0894	71	0.0997
TRACT E	0.0790	36	0.1010	72	0.1205
1	0.1220	37	0.0894	73	0.1164
2	0.0911	38	0.0789	74	0.1112
3	0.1726	39	0.0758	75	0.0758
4	0.1393	40	0.1108	76	0.0792
5	0.1243	41	0.1031	77	0.1035
6	0.1811	42	0.0827	78	0.1032
7	0.1726	43	0.0758	79	0.0834
8	0.0911	44	0.1082	80	0.0751
9	0.2816	45	0.1135	81	0.1169
10	0.1199	46	0.0758	82	0.1494
11	0.0943	47	0.0894	83	0.0889
12	0.1237	48	0.1378	84	0.0784
13	0.1524	49	0.1378	85	0.0751
14	0.0997	50	0.1010	86	0.1076
15	0.1270	51	0.0842	87	0.1025
16	0.1386	52	0.1032	88	0.0751
17	0.1220	53	0.1085	89	0.0839
18	0.1270	54	0.0758	90	0.1070
19	0.1386	55	0.0835	91	0.1039
20	0.0894	56	0.0988	92	0.0840
21	0.1549	57	0.0962	93	0.1219
22	0.1224	58	0.0838	94	0.1051
23	0.1008	59	0.0789		
24	0.1596	60	0.1010		
25	0.1270	61	0.0894		
26	0.1220	62	0.0894		
27	0.1167	63	0.0837		
28	0.1505	64	0.0990		
29	0.0894	65	0.0990		
30	0.0756	66	0.1042		
31	0.1104	67	0.0786		



VICINITY MAP
NO SCALE

LAND IN
SECTION 31, (AS PROJECTED) T11N, R4E, N.M.P.M.
McCLINTIC SOLAR TOWNHOUSES
ALBUQUERQUE, NEW MEXICO
AUGUST 1981

APPROVALS	
Planning Director, City of Albuquerque, NM	Date
AMAFCA	Date
City Engineer, City of Albuquerque, NM	Date
Traffic Engineer, City of Albuquerque, NM	11-10-81
Director of Parks & Recreation, City of Albuquerque	11-12-81
Chief Surveyor, City of Albuquerque, NM	10-27-81
Public Service Company of New Mexico	9-30-81
Gas Company of New Mexico	9-30-81
Property Manager	9-30-81
Water Resources, City of Albuquerque, NM	10-8-81

DESCRIPTION
A tract of land situated within the ELENA GALLEGOS GRANT in the S½ of projected Section 31, T11N, R4E, N.M.P.M., City of Albuquerque, New Mexico and being more particularly described by New Mexico State Plane Grid bearings (Central Zone) and ground distances as follows:

BEGINNING at the southeast corner, a point on the south boundary of ELENA GALLEGOS GRANT, being also a point on the westerly right-of-way of Pennsylvania Street and also the northeast corner of Re-Amended Revised Plat, Little Turtle, filed in the office of the County Clerk of Bernalillo County, New Mexico on February 18, 1979, whence the ACS Control Station Monument 5-G18A (New Mexico State Plane Grid Coordinates, Central Zone: x=407504.40, y=1502898.73) bears S 00°09'14"56"E, 1372.35 feet and from beginning point, leaving said westerly right-of-way of Pennsylvania Street, N 89° 47'04"W, 934.07 feet along the northerly boundary of said Re-Amended Revised Plat, Little Turtle and said south boundary of ELENA GALLEGOS GRANT to the southwest corner, being also the southeast corner of American Heritage East, Subdivision No. 2, filed in the office of the County Clerk of Bernalillo County on June 11, 1968; thence leaving said northerly boundary of Re-Amended Revised Plat, Little Turtle and said south boundary of ELENA GALLEGOS GRANT, N 00° 05'43"E, 594.21 feet along the easterly boundary of said American Heritage East to the northwest corner, being also the northeast corner of said American Heritage East, also a point on the southerly boundary of Highlands North, Unit No. 2, filed in the office of the County Clerk, Bernalillo County on June 27, 1967; thence, N 79° 45'46"E, 298.73 feet along the said southerly boundary of Highlands North, Unit No. 2 to a point; thence, S 89° 55'14"E, 640.00 feet to the northeast corner, being also the southeast corner of said Highlands North, Unit No. 2, also a point on the said westerly right-of-way of Pennsylvania Street; thence, S 00° 04'46"W, 649.93 feet along said westerly right-of-way to the point and place of beginning.

Tract contains 13.7310 acres, more or less.

DEDICATION
This subdivision of a certain tract of land situated in Section 31 (as projected), T11N, R4E, N.M.P.M., in the Elena Gallegos Grant, City of Albuquerque, County of Bernalillo, State of New Mexico is with free consent and in accordance with the desires of the undersigned owner and proprietor thereof and said owner and proprietor does hereby dedicate the public right-of-ways shown hereon, together with all easements shown on this plat. Power and commendation easements are reserved where shown by dashed lines as noted, including the right of ingress and egress and the right to trim interfering trees. Any drainage right-of-ways shown hereon are also right-of-ways for underground sewer and water lines.

PENNSYLVANIA PARTNERSHIP
BY: James R. McClintic
JAMES R. McCLINTIC
President

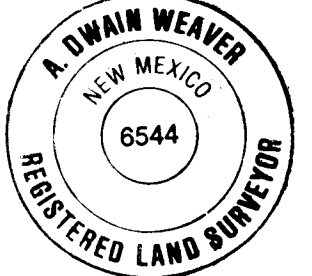
STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

The foregoing instrument was acknowledged before me this 18 day of SEPT, 1981, by James R. McClintic, President of PENNSYLVANIA PARTNERSHIP.
My Commission Expires: 1/24/85

- NOTES:
1. Bearings are N.M. State Plane Grid Bearings (Central Zone).
 2. Distances are ground distances.
 3. Elevations are City of Albuquerque Datum.
 4. Number 5 rebar with plastic survey cap stamped PE & LS 2455 were set on corners designated by a small solid circle.
 5. Record bearings and distances are shown in parentheses.
 6. Zone Atlas No. F-19.
 7. Number of lots: 98.
 8. Number of miles of streets within subdivision: 0.382.

I, under the laws of New Mexico, certify that I am a Registered Land Surveyor and that this plat was prepared by me or under my supervision and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance and shows all easements of record and is true and accurate to the best of my knowledge and belief.

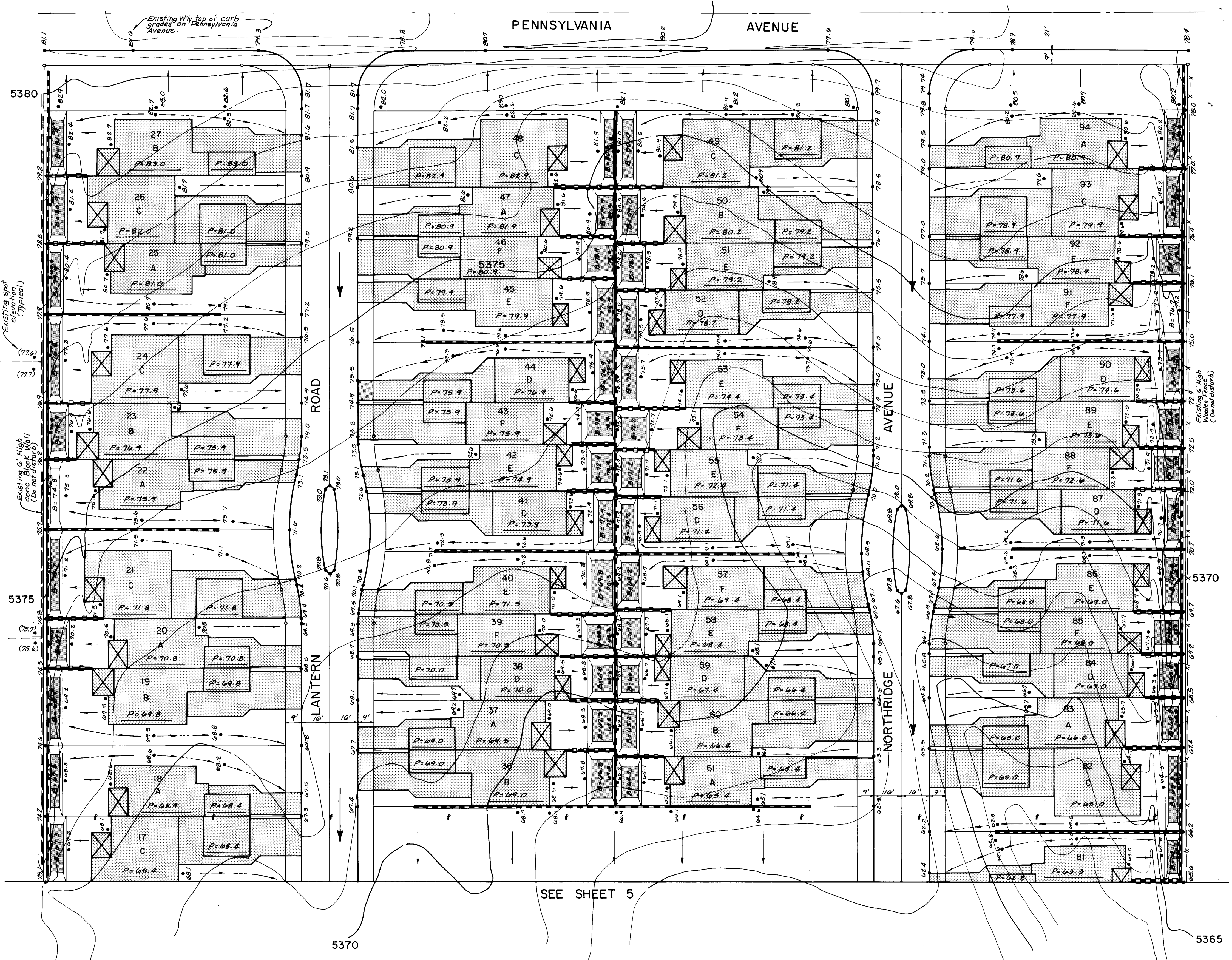
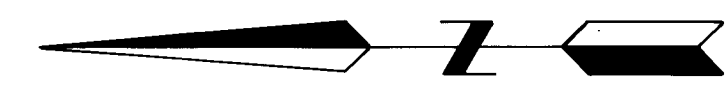
A. Dwain Weaver
A. Dwain Weaver
N.M.P.L.S. No. 6544



26 1326 0283



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



GRADING PLAN NOTES:

1. Front yard setback shall be 20' minimum.
2. Side yard setback shall be 5' minimum on units with side yards.
3. Rear yard setback shall be 25' minimum.
4. Elevations shown on curb line represent top of curb elevations. Adjacent property line elevations are 0.3' higher.
5. Edges of retention ponds shall be 15' minimum from any building pad.
6. Walls adjacent to ponds shall be filled with grout to a level of 6" (minimum) above the immediate ground elevation. All walls shall have the first two courses of blocks above the footing filled with grout.
7. Walls adjacent to ponds shall have free draining backfill on the uphill side.
8. Masonry walls, retaining walls or combinations thereof shall not exceed 8'-0" in height.
9. Retaining walls shall be constructed in accordance with sheet 12 of 12. Alternate designs may be used if they are prepared by the registered Civil Engineer and approved by the City of Albuquerque Building Inspection Division.
10. Rear yard slopes in areas greater than 15' from building pads shall have a maximum slope ratio of 3:1.
11. Side yard slopes in areas greater than 4' from building pads shall have a maximum slope ratio of 3:1.
12. Earthwork operations shall be conducted in accordance with Federal Housing Administration (FHA) data sheet 79.9.
13. A typical lot grading plan and section is shown on sheet 6.
14. Details for construction of the Detention Pond facilities are shown on sheet 11.
15. The contractor shall use caution when working near the existing concrete block walls and wooden fences on adjacent properties. He shall take whatever measures may be required to insure that these structures, and any others which may not be shown on these plans, remain undisturbed.

LEGEND

- Retaining Walls
- Garden Walls
- Existing Contours
- Drainage Swale
- Spot Elevation
- Curb Line
- Property Lines

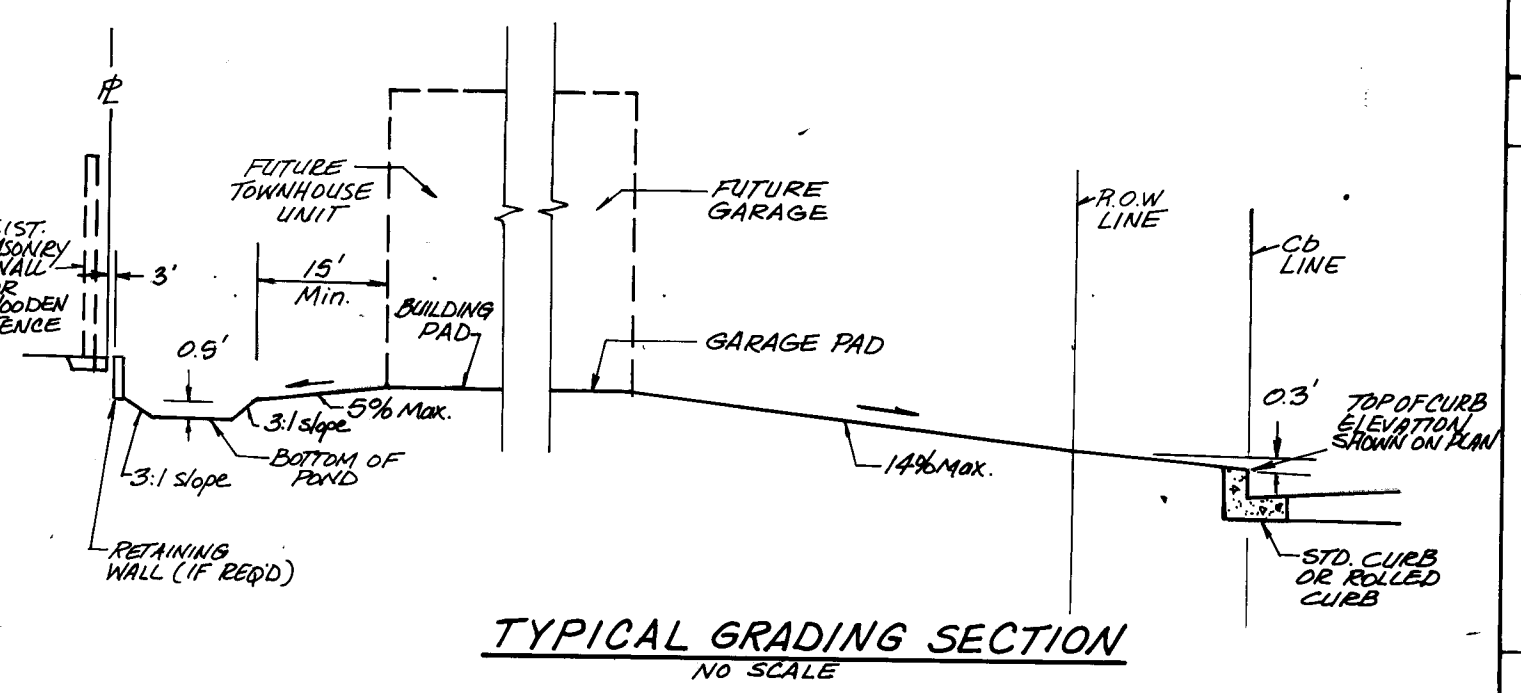
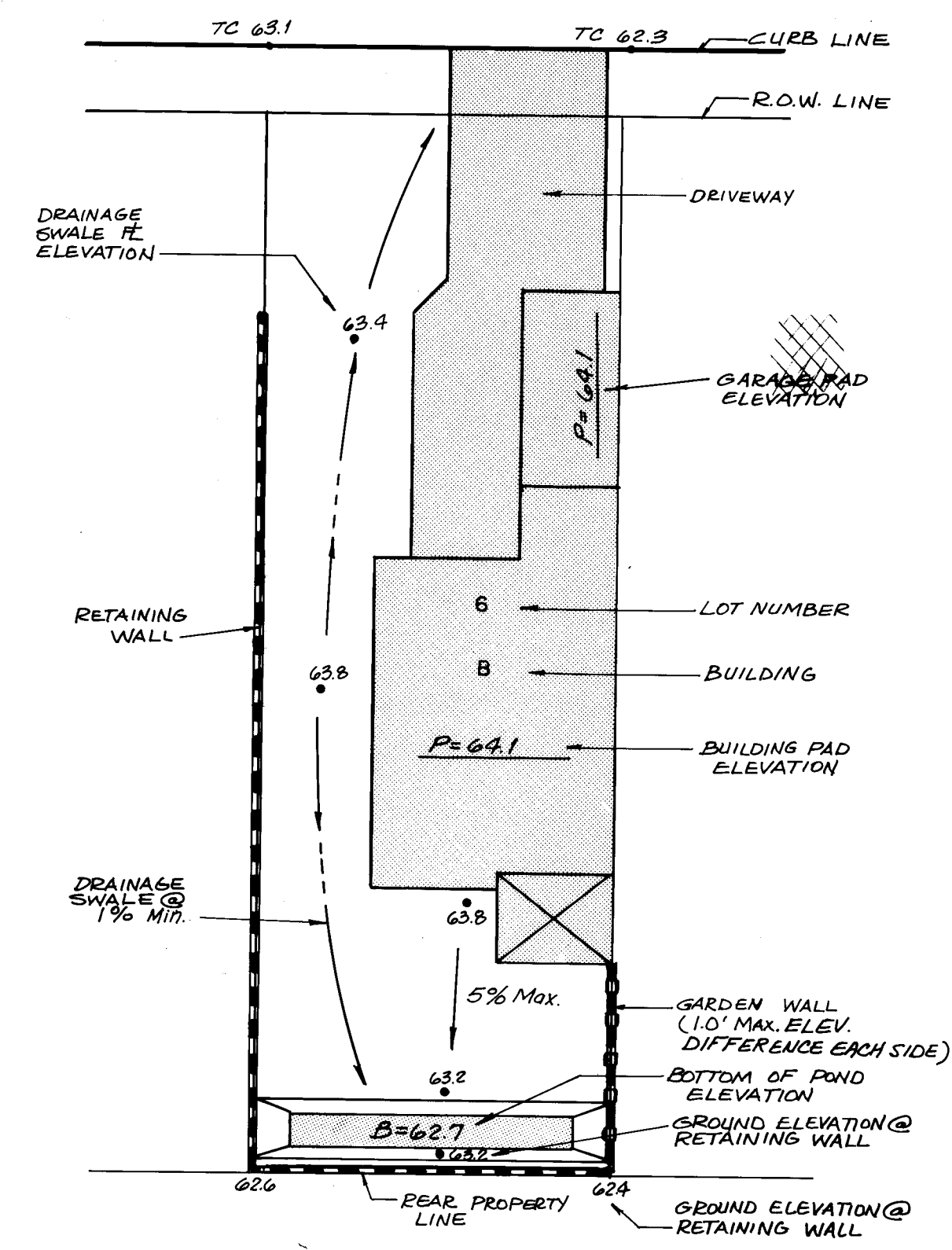
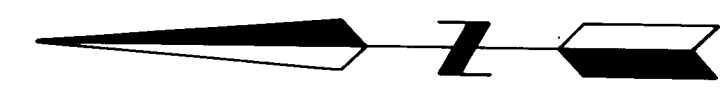
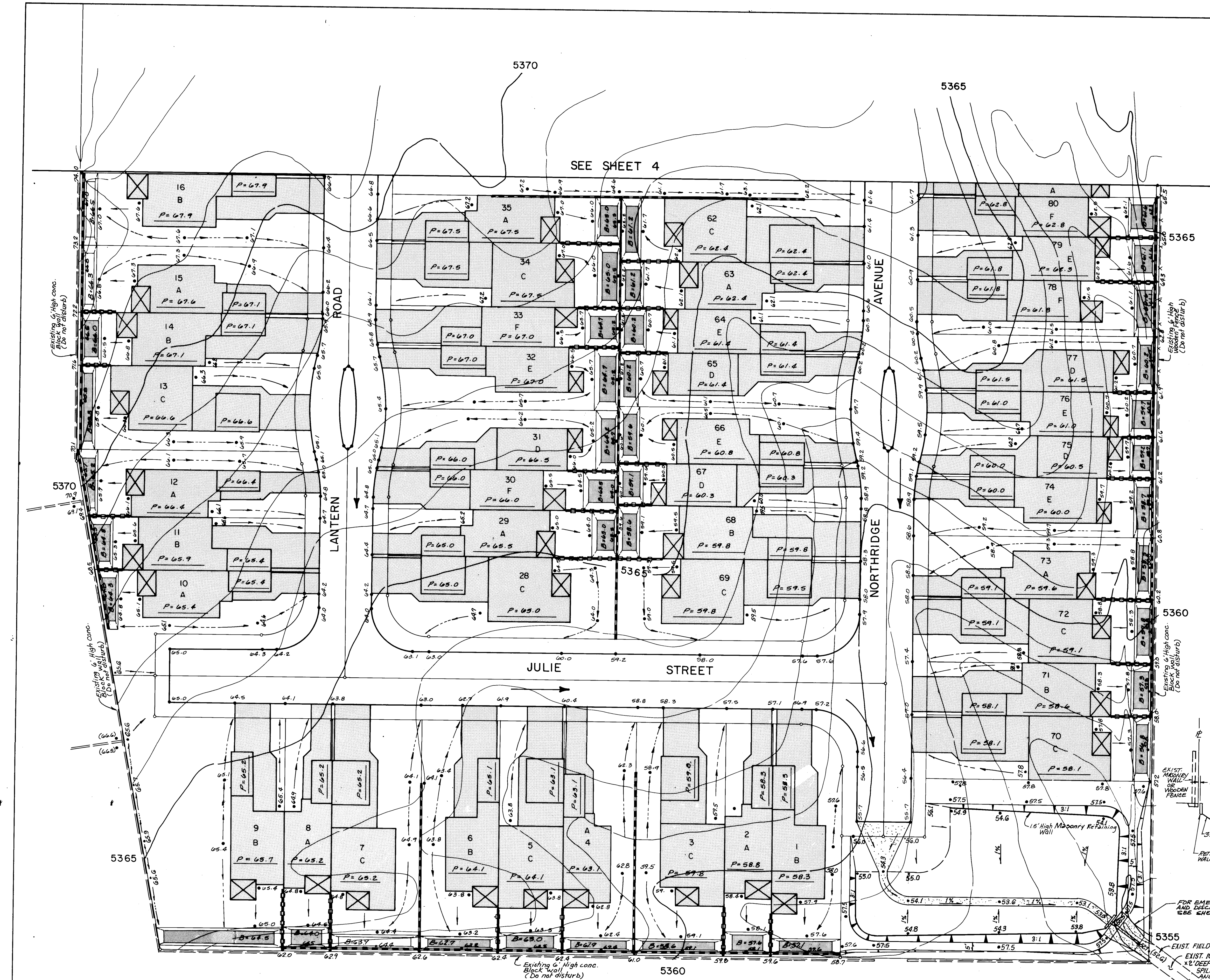
REFERENCES			SURVEY INFORMATION			BENCH MARKS			AS-BUILT INFORMATION		
MAP NO.	EST. NO.	W.O. NO.	NO.	BY	DATE	NUMBER 5-G19	LOCATED AT THE	CONTRACTOR	WORK	DATE	DATE
						INTERSECTION OF MONTGOMERY BLVD.			STAKED BY		
						8 PENNSYLVANIA ST. A SQUARE			ACCEPTANCE BY		
						CHISELED ON TOP OF CONCRETE			FIELD		
						CURB AT THE ESE RETURN			CONNECTION BY		
						ELEV. 5365.59			DATE		
									RECORDED BY		
									NO.		

26 1326 04-87

PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
TITLE: McCLINTIC SOLAR TOWNHOUSE DEVELOPMENT GRADING PLANS			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	Richard S. Miller	9/27/87	Liquid Waste
A.C.E.-Design	Richard S. Miller	9/27/87	Traffic
A.C.E.-Hydrology	Richard S. Miller	9/27/87	Water
APPROVED FOR CONSTRUCTION		DRAWING NO. 1326	
CITY ENGINEER		SHEET 4 OF 12	

SCALE: 1" = 30'

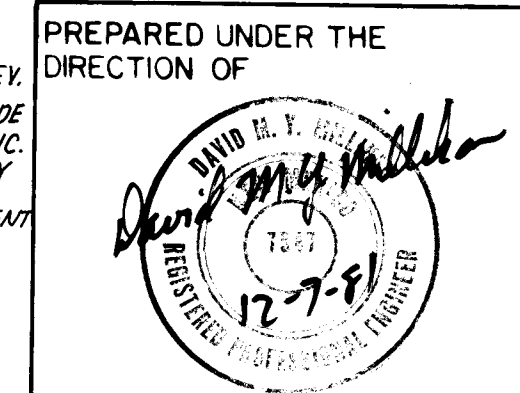
JOB NO. 11055



See Grading Plan Notes
Sheet 4

JOB NO. 11055

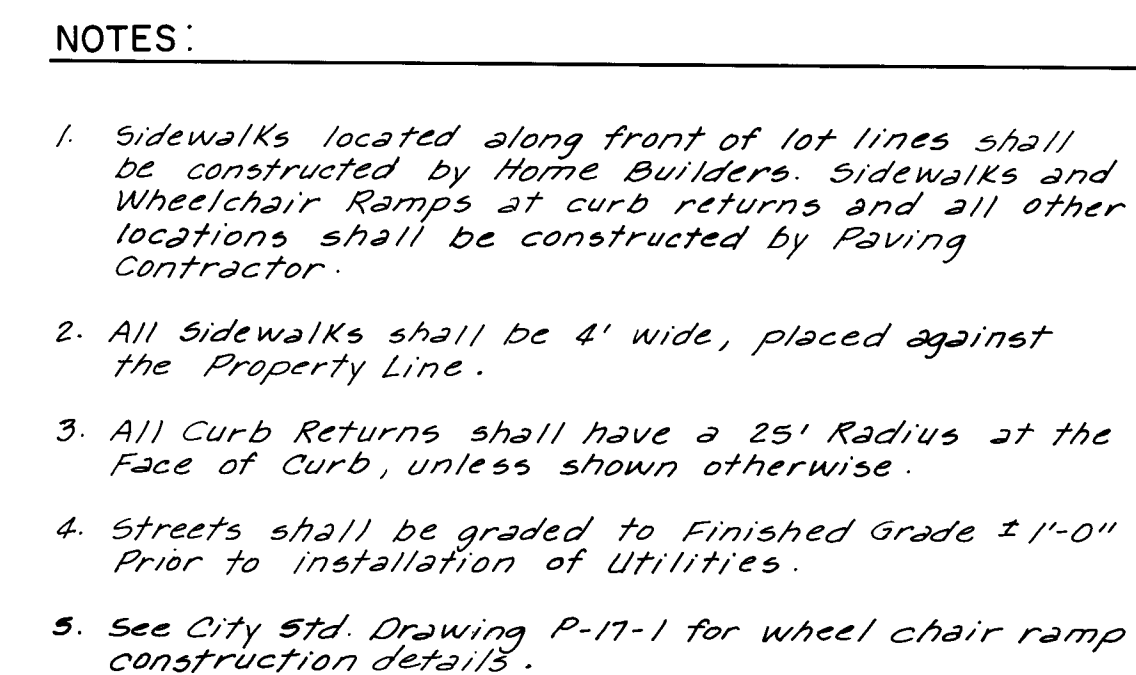
SCALE:
1" = 30'



PREPARED UNDER THE
DIRECTION OF
David M. Miller
17-7-91
APPROVED FOR CONSTRUCTION
Richard Stille 9/27/82
CITY ENGINEER DATE

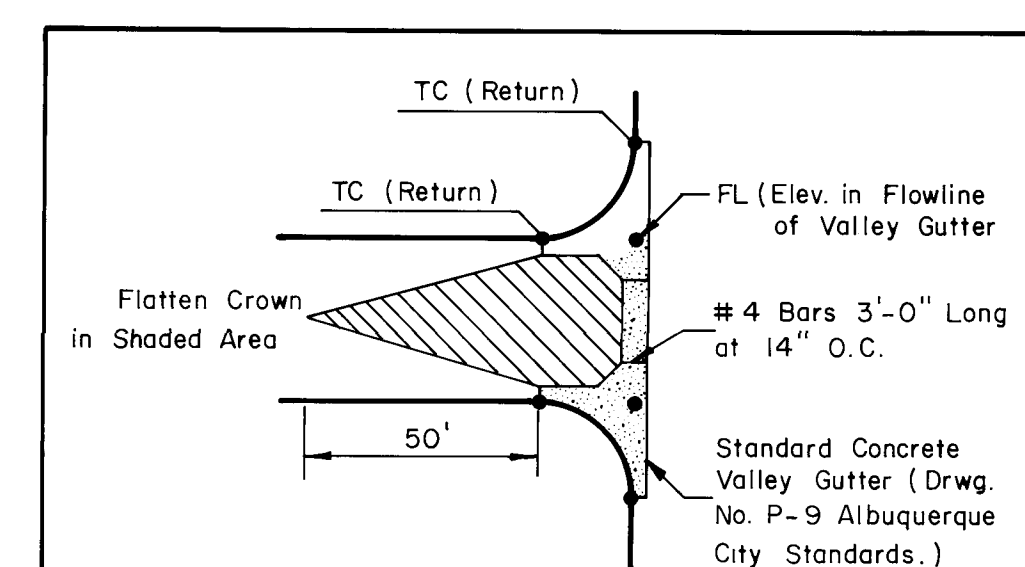
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: McCLINTIC SOLAR TOWNHOUSE DEVELOPMENT GRADING PLANS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>R. Stille</i>	7/1/82	Liquid Waste	N/A	10/1/82
A.C.E.-Design	<i>R. Stille</i>	6/1/82	Traffic	N/A	9/1/82
A.C.E.-Hydrology	<i>David M. Miller</i>	6/2/82	Water	N/A	9/1/82
DRAWING NO. 1326					
SHEET 5 OF 12					

AS-BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			REFERENCES		
CONTRACTOR	DATE	NO.	NUMBER 5-G19, LOCATED AT THE INTERSECTION OF MONTGOMERY BLVD. & PENNSYLVANIA ST. A SQUARE CHISELED ON TOP OF CONCRETE CURB AT THE ESE RETURN.	DATE	NO.	MAP NO. F-19	EST. NO.	W.O. NO.	DATE	BY	NO.
INSPECTOR	DATE	NO.									
VERIFICATION BY	DATE	NO.									
CORRECTED BY	DATE	NO.									
MICRO-FILM INFORMATION			REVISIONS			DESIGN			CHECKED BY DMYM/HS		
RECORDED BY	DATE	NO.	NO.	DATE	BY	DESIGNED BY JF/HS	DATE 11-81	DRAWN BY PH/MCQ	DATE 11-81	CHECKED BY DMYM/HS	DATE 11-81



LEGEND

- | | |
|---|--------------------------------|
| ● | MANHOLE ADJUSTMENT |
| ■ | WATER VALVE ADJUSTMENT |
| ← | STREET DRAINAGE FLOW DIRECTION |
|  | PROPOSED RESIDENTIAL PAVING |
|  | PROPOSED SIDEWALK |
| ●●●●●●●● | STANDARD CURB & GUTTER |
| ————— | MOUNTABLE CURB ROLL-TYPE |



TYPICAL VALLEY GUTTER DETAIL
NO SCALE

[illegible]

26 1326 0683

PREPARED UNDER THE
DIRECTION OF

David M. G. M.

DAVID M. G. M.
REGISTERED PROFESSIONAL
12-778

APPROVED FOR CONSTRUCTION

Richard Stille	9/27/82
CITY ENGINEER	DATE



CITY OF ALBUQUERQUE

MUNICIPAL DEVELOPMENT DEPARTMENT

ENGINEERING DIVISION

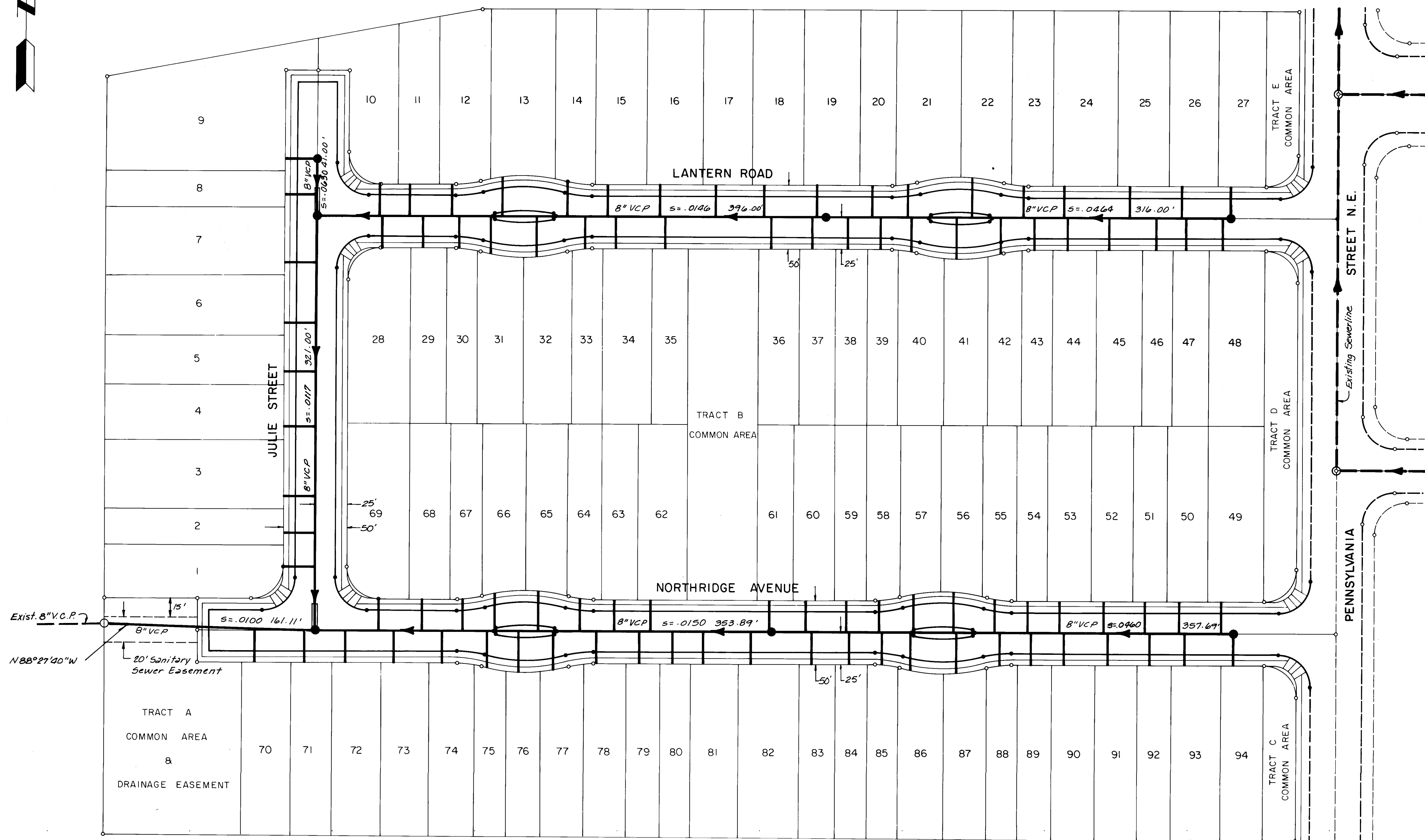


TITLE: McCLINTIC
SOLAR TOWNHOUSE DEVELOPMENT
PROPOSED PAVING DESIGN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>R. A. [Signature]</i>		Liquid Waste	<i>N/A [Signature]</i>	
A.C.E.-Design	<i>[Signature]</i>	6/6/82	Traffic	<i>R. A. [Signature]</i>	5/1/82
A.C.E.-Hydrology	<i>NA 898</i>	6-2-81	Water	<i>N/A [Signature]</i>	

DRAWING NO.		1326		SHEET 6 OF 12	
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SHEET 6 OF 12



NOTES :

1. Water and Sewer lines shall be installed per supplemental, general Conditions Section 18.1, policy on the proximity of water and sewer lines, New Mexico Standard Specifications for Public Works Construction, 1979 Edition.
2. Sewer line construction shall comply with the City of Albuquerque "Contract Documents for City-Wide Utilities and Cash Paving #30" and the New Mexico Standard Specifications for Public Works Construction, 1979 Edition.
3. Sewer Services, other than those indicated, shall not tie into the sewer main at a manhole.
4. Electronic Marker Disks shall be installed at all service tees and at all plugged ends as specified in Section 13.1 of the Supplemental Technical Specifications to the City of Albuquerque "Contract Documents for City-Wide Utilities and Cash Paving #30".
5. Streets shall be graded to finish grade $\pm 1.00'$ Prior to Installation of Utilities.
6. 4" Sanitary Sewer Services shall be installed at locations indicated on Sheets 9 and 10.

LEGEND

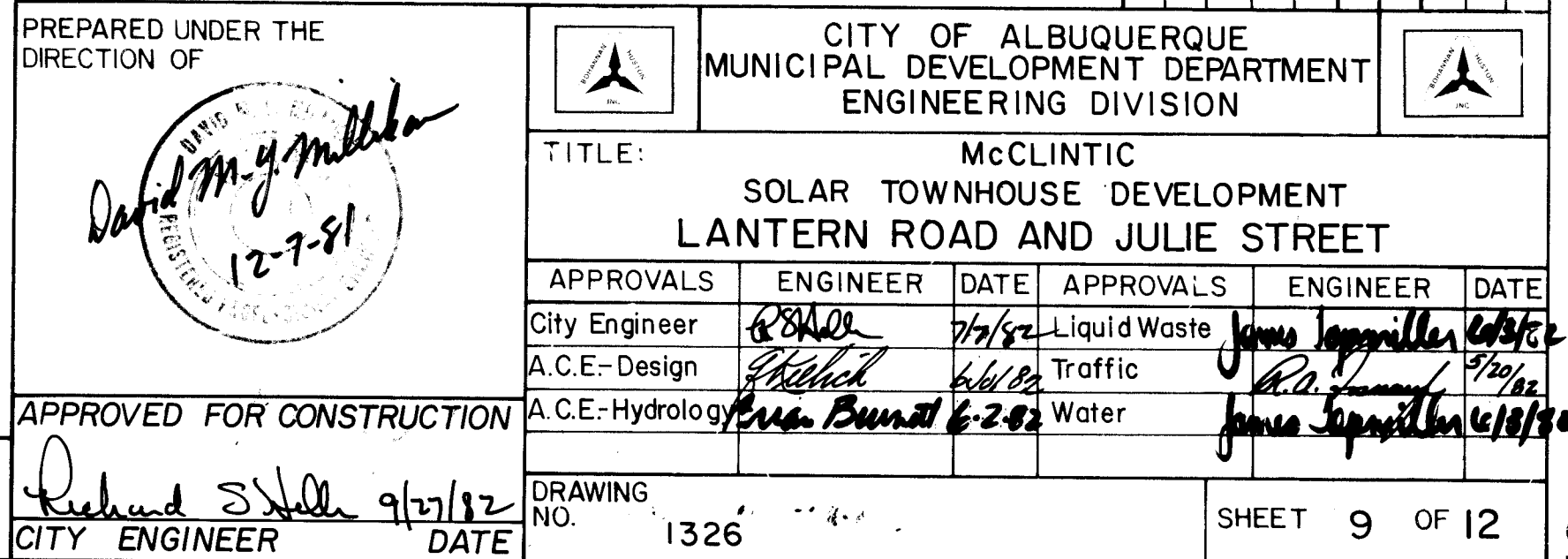
- | | |
|---|-------------------------------|
|  | EXISTING SANITARY SEWER LINE |
|  | EXISTING MANHOLE |
|  | PROPOSED SANITARY SEWER LINE |
|  | PROPOSED MANHOLE |
|  | SANITARY SEWER FLOW DIRECTION |
|  | SANITARY SEWER SERVICE |
|  | CONCRETE ENCASING |

		REFERENCES		SURVEY INFORMATION			BENCH MARKS		AS-BUILT INFORMATION		
		MAP NO.	F-19	W.O. NO.			NUMBER 5-G19, LOCATED AT THE INTERSECTION OF MONTGOMERY BLVD. & PENNSYLVANIA ST. A SQUARE CHISELED ON TOP OF CONCRETE CURB AT THE ESE RETURN. ELEV. 5.365.59				
NO.	DATE	BY	REMARKS	EST. NO.		NO.	BY	DATE	CONTRACTOR	WORK STARTED BY	DATE
REVISIONS DESIGN											
DESIGNED BY	JF & HS	DATE	11-81								
DRAWN BY	PH	DATE	11-81								
CHECKED BY	DMYM & HS	DATE	11-81								
									MICRO-FILM INFORMATION		
									RECORDED BY	DATE	
									NO.		

26 1326 0783

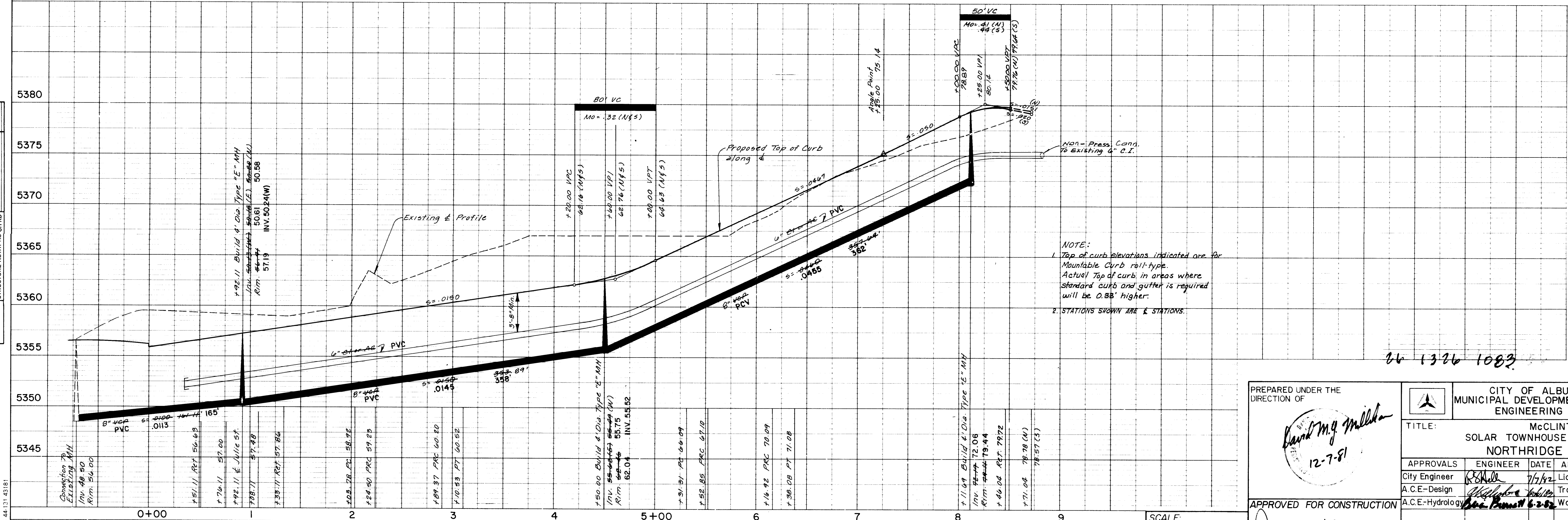
PREPARED UNDER THE DIRECTION OF 	 CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION		
	TITLE: McCLINTIC SOLAR TOWNHOUSE DEVELOPMENT PROPOSED SEWER DESIGN		
	APPROVALS ENGINEER DATE APPROVALS ENGINEER DATE		
	City Engineer <i>R.S.H.</i> 7/7/82 A.C.E.-Design <i>Hildebrand</i> 6/1/82 A.C.E.-Hydrology <i>M.D.S.</i> 6-2-82	Liquid Waste <i>Juanita Lopez</i> 6/5/82 Traffic <i>N.A. Ortiz</i> Water <i>Juanita Lopez</i> 6/5/82	

PROFILE NOTE BOOK NO. _____	SURVEYED _____	BY _____	DATE _____
	PLOTTED _____		
	GRADES CHECKED _____		
	B. M.'S NOTED _____		
	STRUCTURE NOTATIONS CHK'D _____		



PLAN	SURVEYED	BY	DATE
NOTE BOOK	CHECKED	BY	DATE

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	CHECKED	BY	DATE



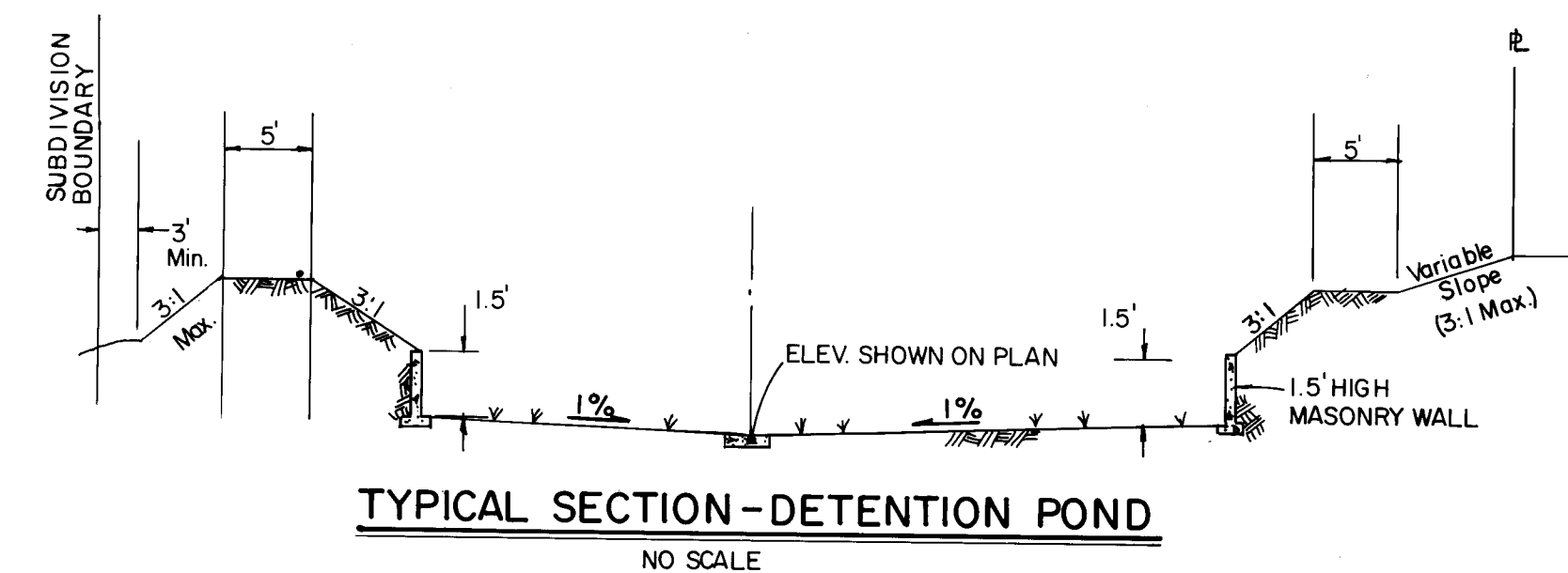
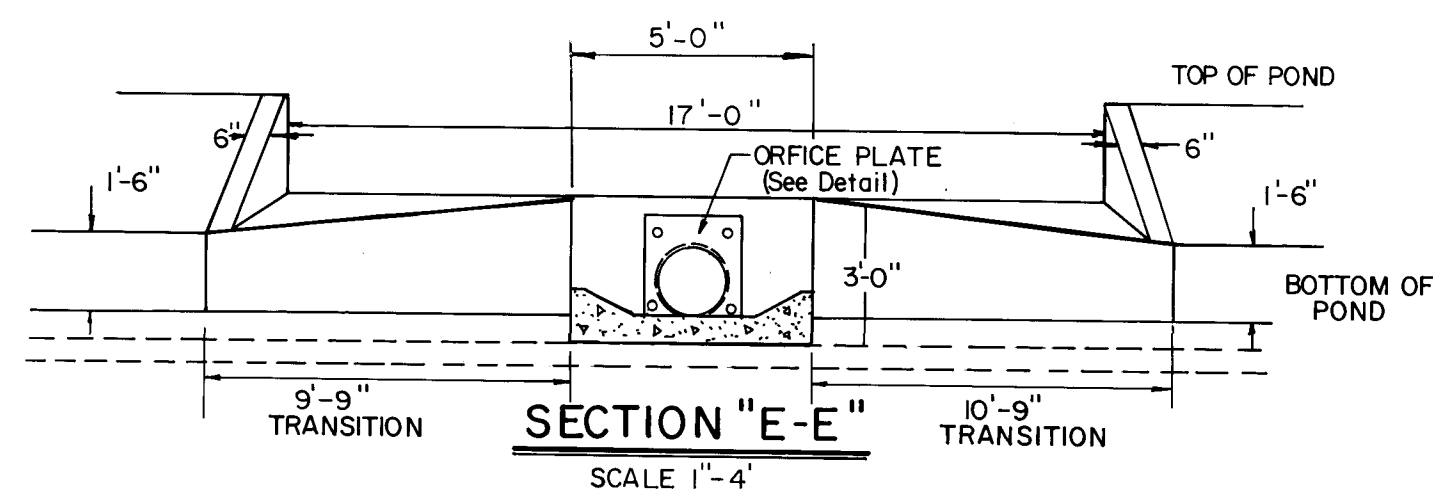
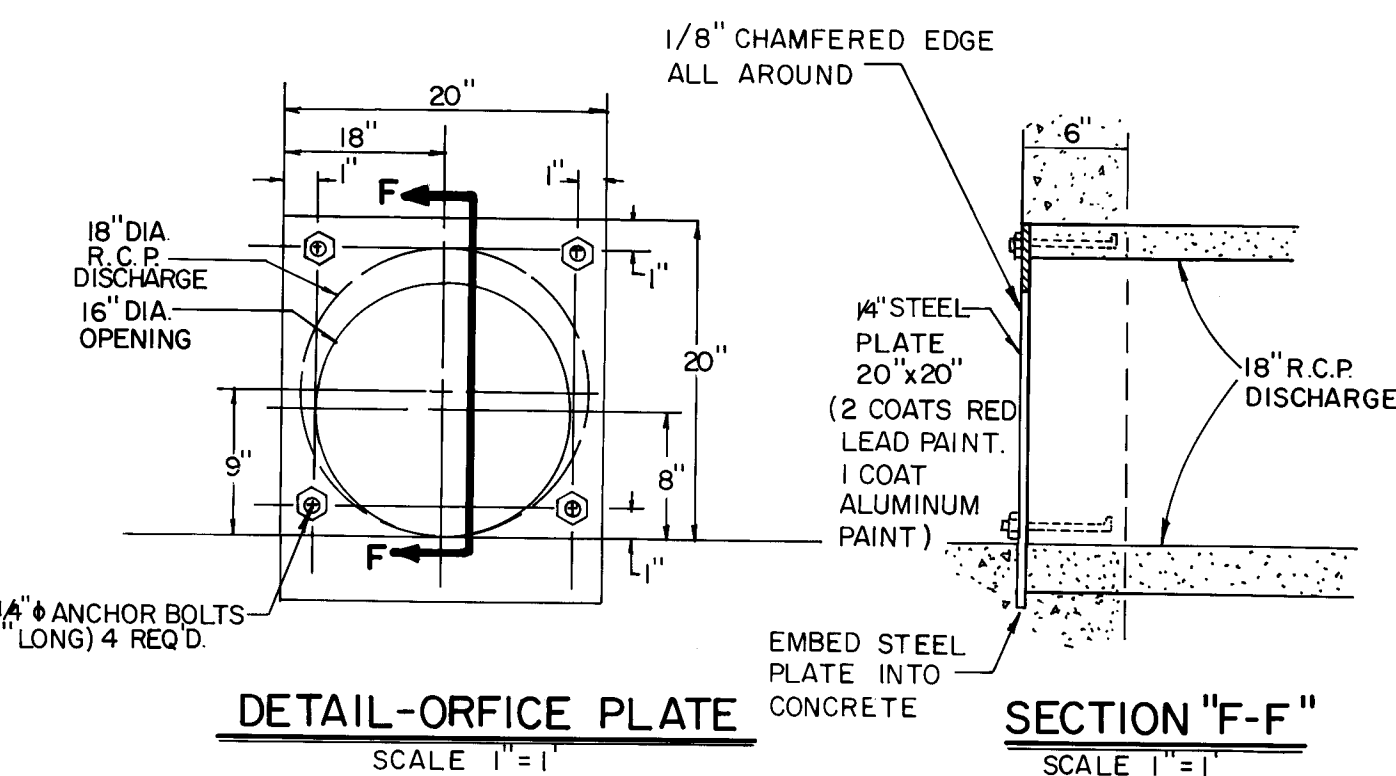
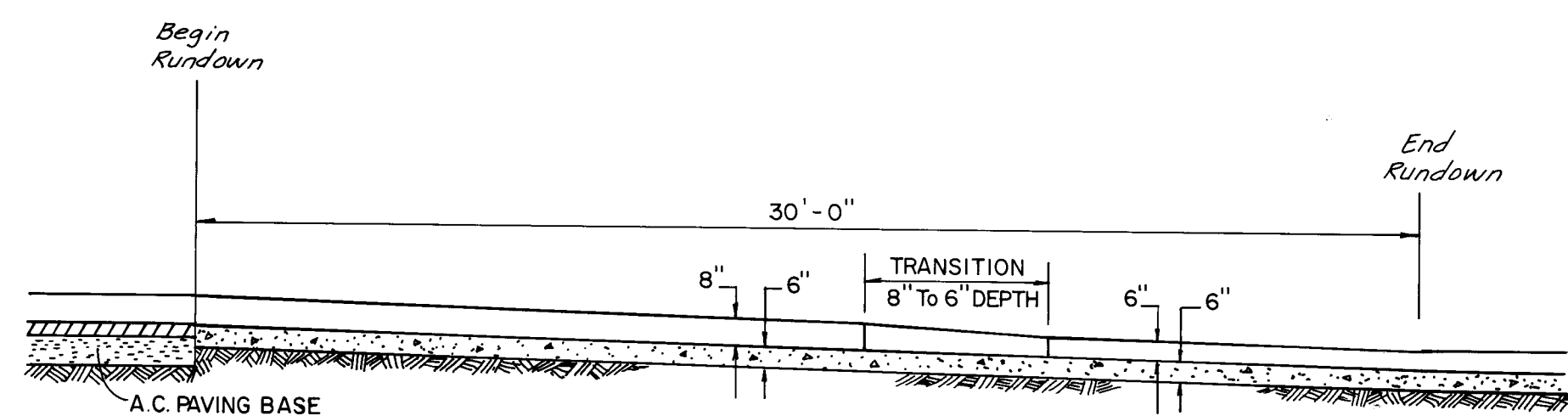
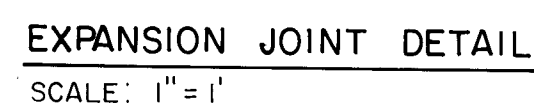
SEWER SERVICE LOCATIONS				
LOT	STATION	STREET	LENGTH	INVERT ELEV. @ P.L.
48	8+01.37	Northridge Ave.	25'	79.76 73.8
50	7+60.37			79.16 72.0
51	7+42.70			79.42 71.0
52	7+09.99			69.24 69.0
53	6+75.82	Northridge Ave.	25'	67.63 67.6
54	6+51.62			66.61 66.5
55	6+24.95			66.21 65.0
56	5+92.24			63.74 63.2
57	5+60.53	Northridge Ave.	25'	62.26 62.1
58	5+33.86			61.01 61.0
59	5+08.06			58.04 59.4
60	4+76.86			56.45 58.0

SEWER SERVICE LOCATIONS				
LOT	STATION	STREET	LENGTH	INVERT ELEV. @ P.L.
61	4+48.53	Northridge Ave.	25'	57.59 57.5
62	3+54.86			56.96 56.1
63	3+26.53			55.56 56.0
64	2+09.86			55.46 55.0
65	2+67.15	Northridge Ave.	30'	54.67 54.5
66	2+32.78			54.16 54.1
67	2+07.78			53.36 53.0
68	1+75.78			52.79 53.0
69	1+42.11	Northridge Ave.	25'	51.94 51.2
70	0+45.02			51.92 52.0
71	0+53.69			50.92 51.9
72	1+15.69			50.90 50.9

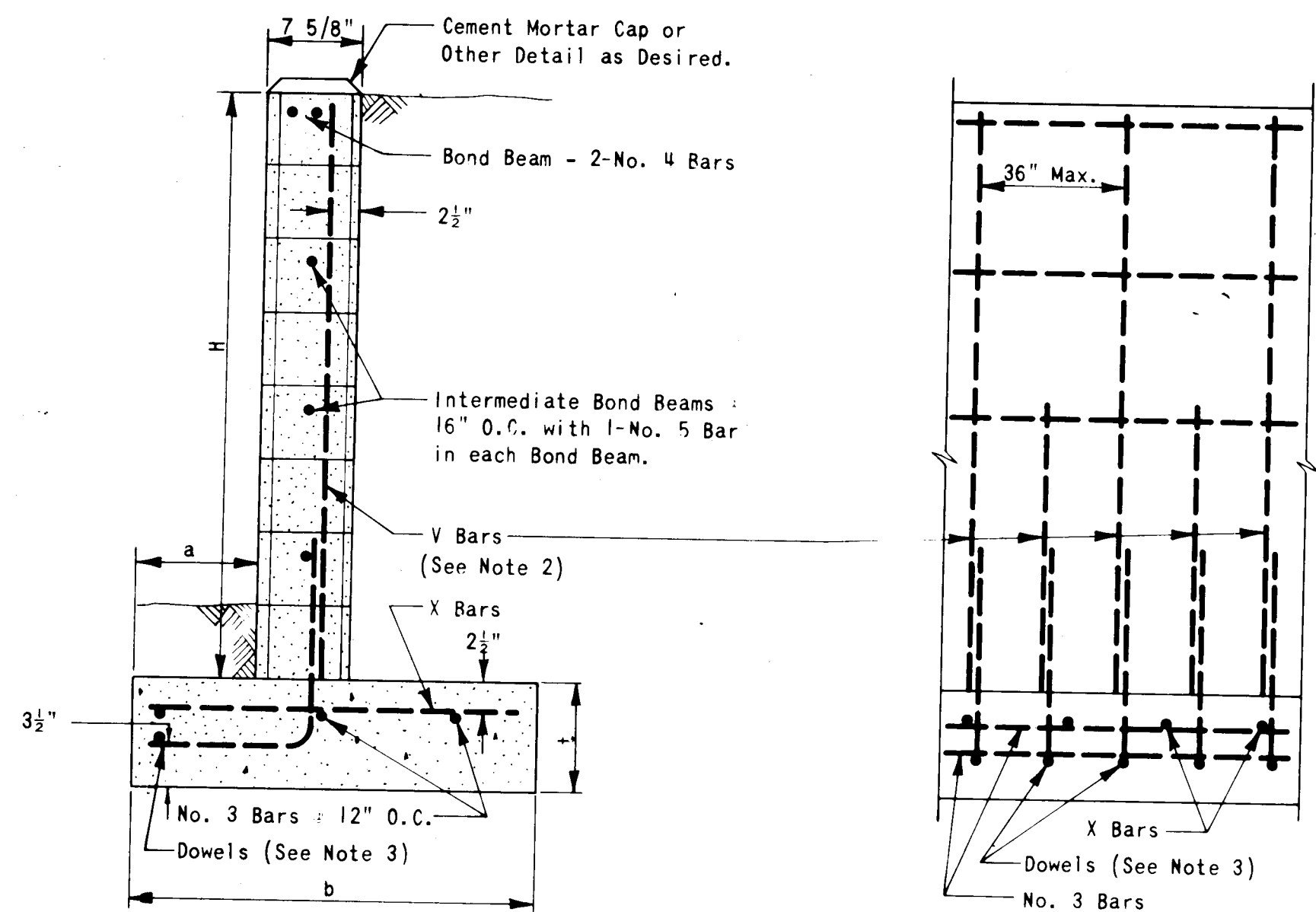
SEWER SERVICE LOCATIONS				
LOT	STATION	STREET	LENGTH	INVERT ELEV. @ P.L.
73	1+54.36	Northridge Ave.	25'	52.98 53.0
74	1+31.69			53.54 53.6
75	2+27.36			54.07 54.0
76	2+52.36			54.45 54.1
77	2+79.03	Northridge Ave.	30'	54.85 54.5
78	3+13.03			55.26 55.1
79	3+46.03			55.65 56.0
80	3+72.70			56.05 56.0
81	3+96.70	Northridge Ave.	25'	56.61 56.7
82	4+34.03			57.21 58.0
83	4+81.70			58.64 58.1
84	5+10.03			59.90 59.9

SEWER SERVICE LOCATIONS				
LOT	STATION	STREET	LENGTH	INVERT ELEV. @ P.L.
85	5+35.03	Northridge Ave.	25'	61.07 61.0
86	5+59.03			62.19 62.0
87	5+94.70			63.85 63.8
88	6+28.70			65.44 65.3
89	6+52.70	Northridge Ave.	25'	66.56 66.6
90	6+79.37			67.81 68.0
91	7+13.37			69.39 69.5
92	7+46.37			71.01 71.0
93	7+73.04	Northridge Ave.	25'	72.34 72.0
94	8+11.71			74.26 74.5
1	3+88.97			52.61 53.0

PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
APPROVED FOR CONSTRUCTION		DRAWING NO. 1326	
CITY ENGINEER		SHEET 10 OF 12	
DATE		DATE	
REVISIONS		REVISIONS	
DESIGN		DESIGN	
DESIGNED BY J.F. & H.S.		DATE 11-81	
DRAWN BY P.H.		DATE 11-81	
CHECKED BY D.M.Y.M. & H.S.		DATE 11-81	

[illegible]

PREPARED UNDER THE DIRECTION OF 	CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION						
	TITLE: McCLINTIC SOLAR TOWNHOUSE DEVELOPMENT DETENTION POND CONSTRUCTION DETAILS						
APPROVALS City Engineer <i>[Signature]</i> 7/15/72 A.C.E. - Design <i>[Signature]</i> 7/15/72 A.C.E. - Hydrology <i>[Signature]</i> 7/15/72		ENGINEER Liquid Waste <i>[Signature]</i> 7/15/72 Traffic <i>[Signature]</i> 7/15/72 Water <i>[Signature]</i> 7/15/72		DATE 7/15/72 7/15/72 7/15/72		APPROVALS N/A June 2, 1972 N/A June 1, 1972 N/A June 9, 1972	
APPROVED FOR CONSTRUCTION <i>[Signature]</i> 9/15/72 CITY ENGINEER DATE		DRAWING NO. 1326		SHEET 11 OF 12			

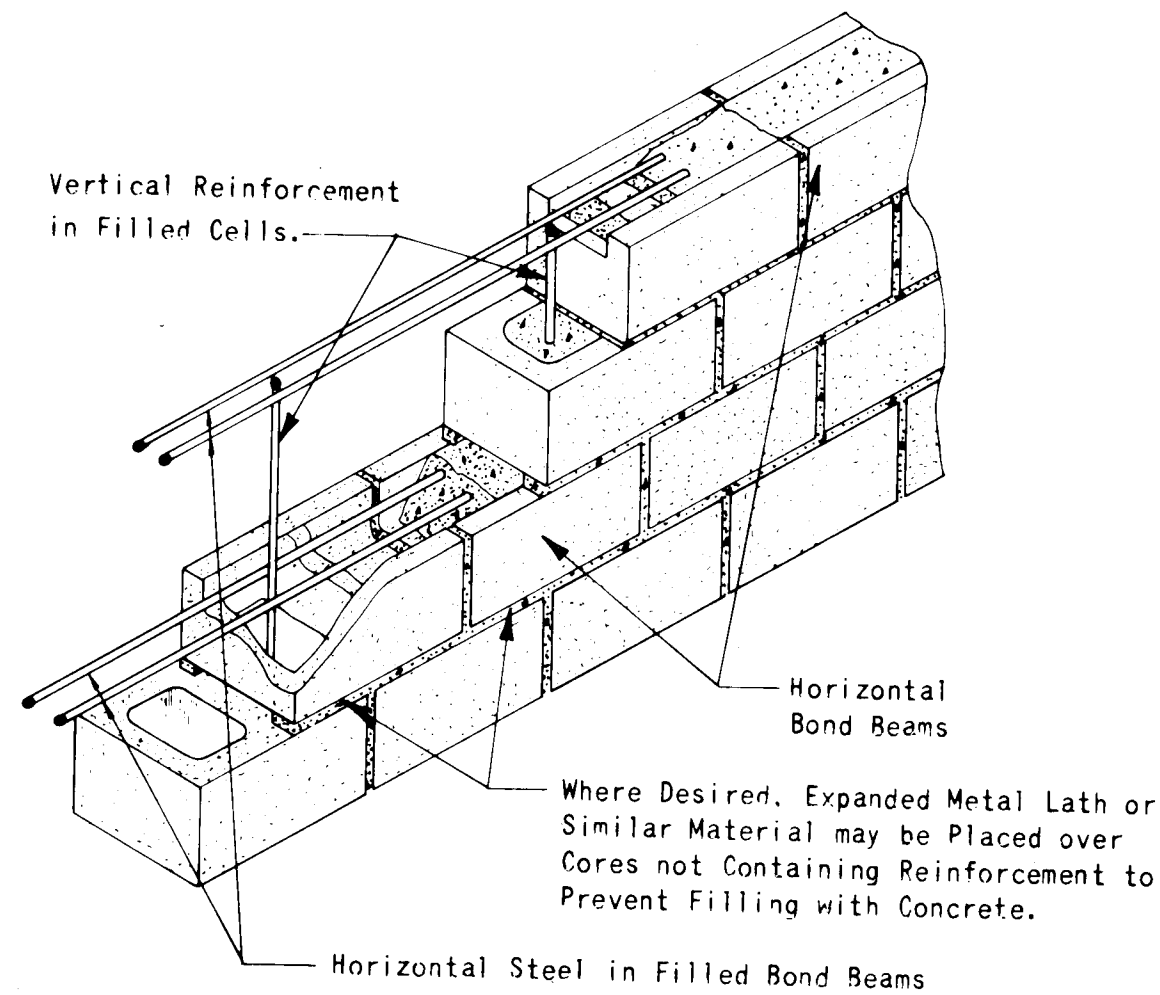


CROSS SECTION
REINFORCED CONCRETE MASONRY - 8" WALLS

ELEVATION

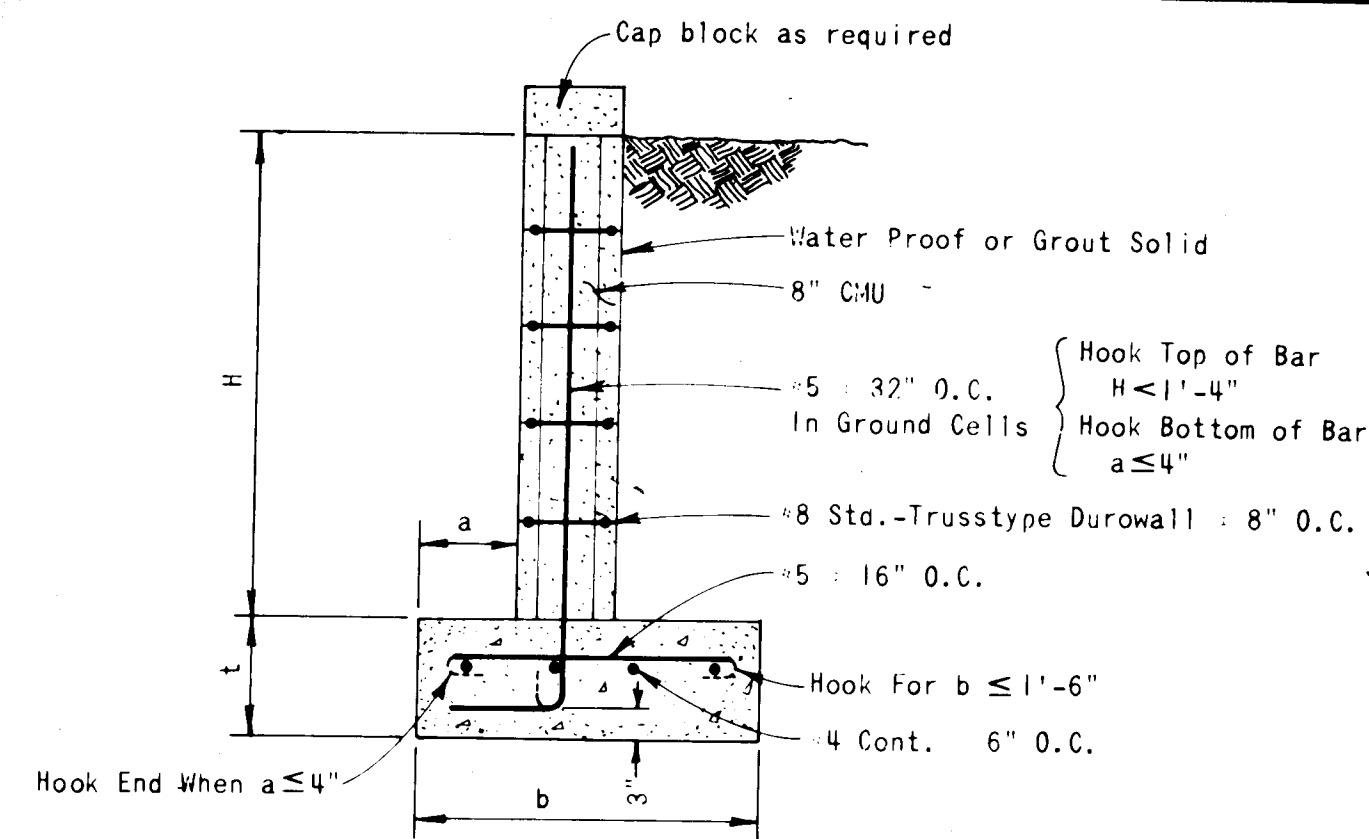
H	a	b	t	V Bars	X Bars
ft.-in.	in.	ft.-in.	in.	(See Note 2)	
3'-4"	8"	2'-4"	10"	No. 4 : 32"	No. 4 : 27"
4'-0"	10"	2'-9"	10"	No. 4 : 32"	No. 4 : 27"
4'-8"	12"	3'-3"	10"	No. 5 : 32"	No. 4 : 27"
5'-4"	14"	3'-8"	10"	No. 4 : 16"	No. 4 : 30"
6'-0"	15"	4'-2"	12"	No. 6 : 24"	No. 4 : 25"

- GENERAL NOTES:
1. Reinforcement of a size and spacing other than indicated above may be used, provided such other reinforcement will furnish an area of steel at least equal to that indicated in the table.
 2. Alternate V Bars may be stopped at the mid-height of the wall (H/2) if the spacing of the bars extending to the top will not exceed 36".
 3. Dowels shall be at least equal in size and spacing to the V Bars, shall project a minimum of 30 bar diameters into the filled block cores and shall extend to the toe of the footing.
 4. Walls designed for level backfill only.



- NOTE:
1. Masonry Units to Conform to Grade N-1 ASTM C 90 of latest Revision.
 2. Mortar and Grout to Conform to ASTM C 476 of latest Revision.

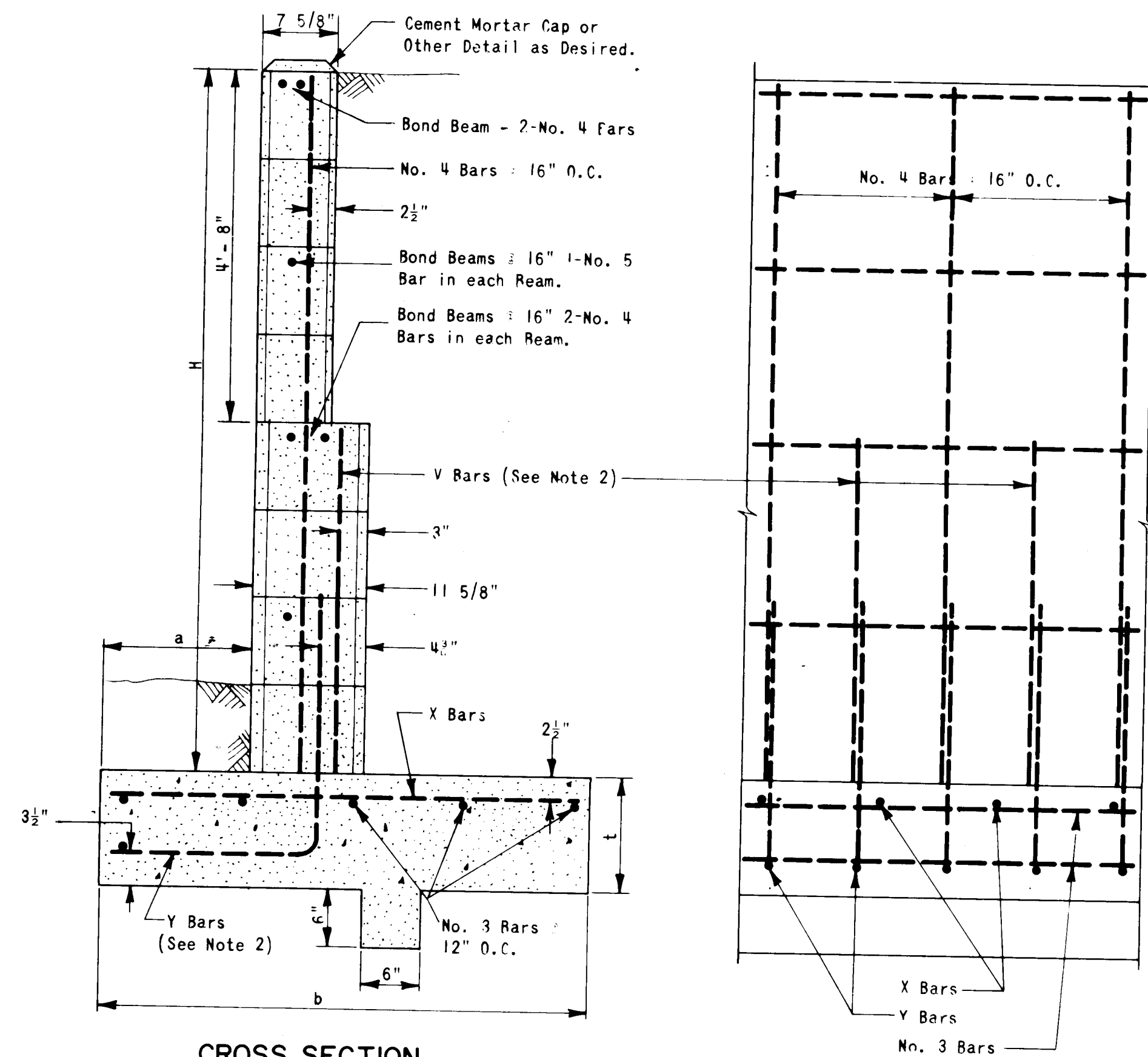
REINFORCED CONCRETE MASONRY WALL CONSTRUCTION



H	a	b	t
3'-4"	8"	2'-4"	10"
2'-8"	8"	2'-0"	10"
2'-0"	4"	1'-6"	10"
1'-4"	4"	1'-6"	10"
0'-8"	4"	1'-4"	10"
3'-11"	0	2'-4"	10"
2'-8"	0	2'-0"	10"
2'-0"	0	1'-6"	10"
1'-4"	0	1'-6"	10"
0'-8"	0	1'-4"	10"

REINFORCED CONCRETE MASONRY WALL 0 to 3'-4"

NOTE: IF STEEL IS PLACED 2" FROM THE LOADED FACE OF THE WALL AND THIS PRACTICE IS CAREFULLY CONTROLLED, 6" C.M.U. BLOCKS MAY BE USED IN LIEU OF 8" C.M.U. BLOCKS.

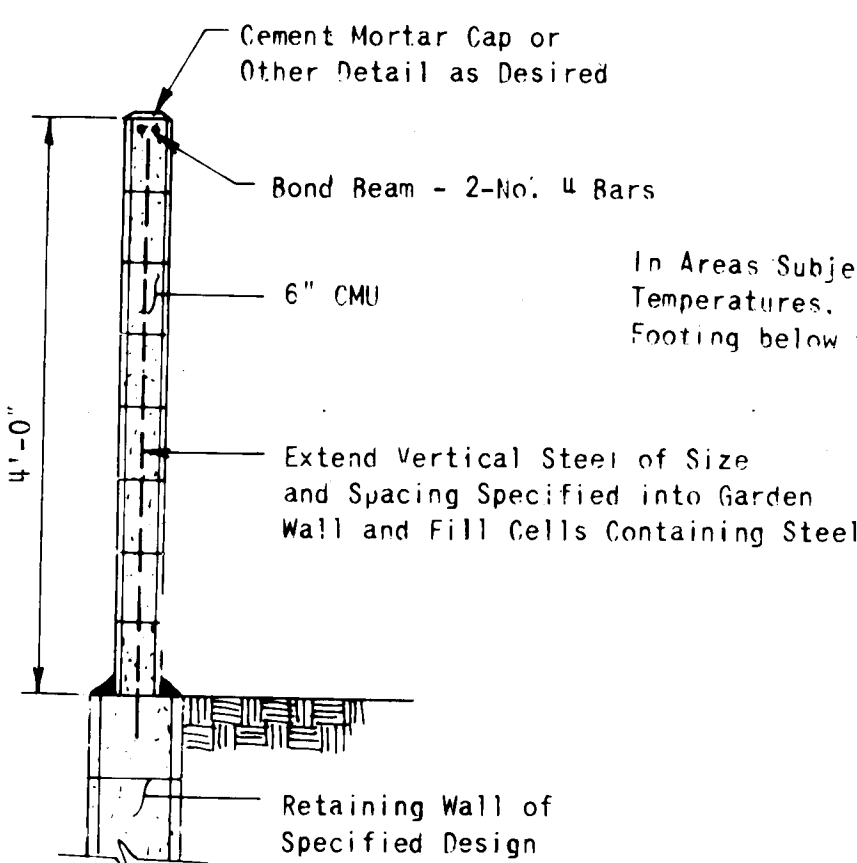


CROSS SECTION
REINFORCED CONCRETE MASONRY - 8" & 12" WALLS

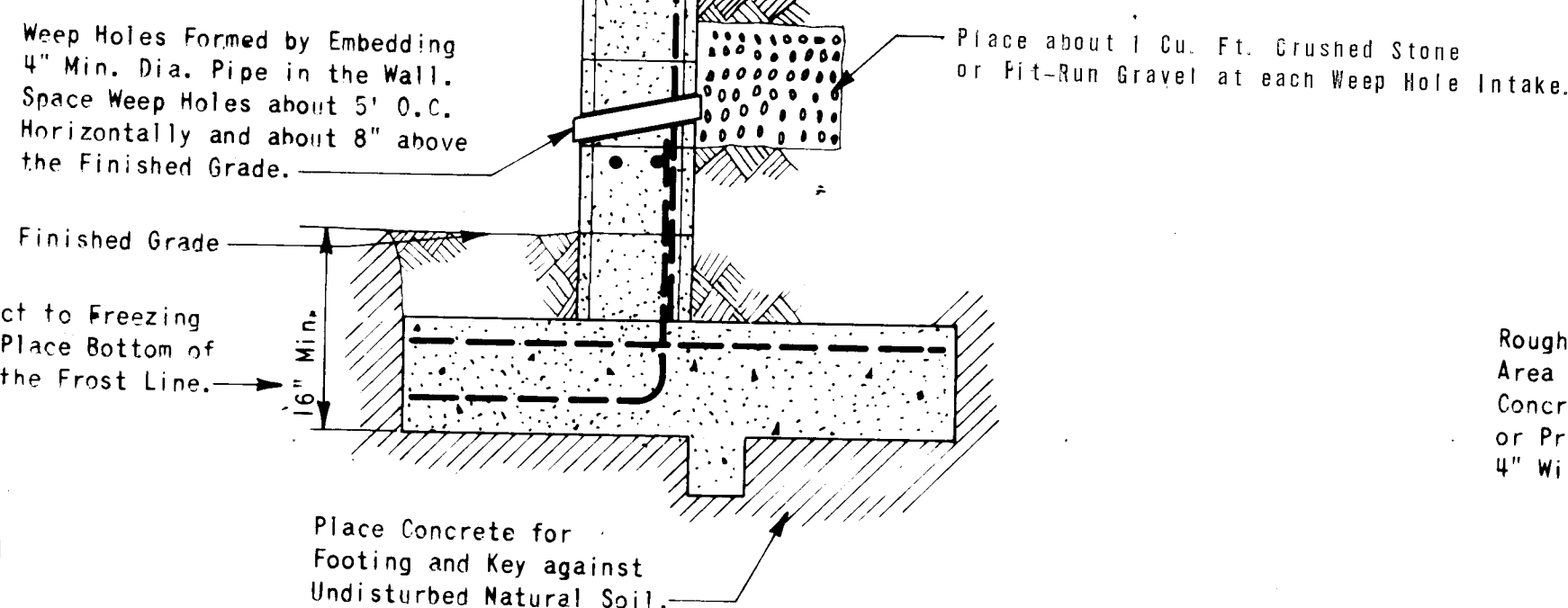
ELEVATION

H	a	b	t	V Bars	X Bars	Y Bars
ft.-in.	in.	ft.-in.	in.	(See Note 2)		(See Note 2)
6'-0"	15"	4'-2"	12"	No. 4 : 30"	No. 5 : 16"	
6'-8"	16"	4'-6"	12"	No. 4 : 24"	No. 4 : 22"	No. 5 : 14"
7'-4"	18"	4'-10"	12"	No. 6 : 16"	No. 5 : 26"	No. 5 : 12"
8'-0"	20"	5'-4"	12"	No. 6 : 16"	No. 5 : 21"	No. 7 : 16"

- GENERAL NOTES:
1. Reinforcement of a size and spacing other than given in the table may be used providing such other reinforcement furnishes an area of steel at least equal to that indicated in the table.
 2. Y Bars shall project at least 30 bar diameters into filled cells in the masonry and shall extend to the toe of the footing. Where desired, Y Bars may be extended to the top of the 12" wall section and the V Bars omitted.
 3. Walls designed for level backfill only.

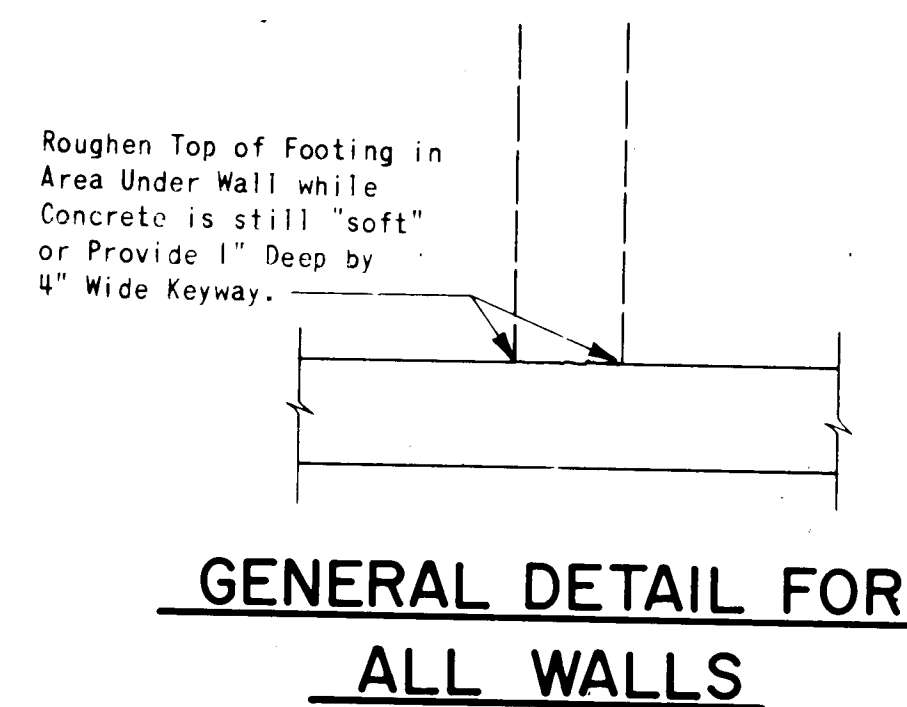


GARDEN WALL EXTENSION FOR ALL RETAINING WALLS



DRAINAGE PROVISIONS AND BACKFILLING PROCEDURES

NOTE: Back filling against reinforced concrete masonry retaining wall should not be permitted until at least 7 days after placing the core fill concrete or grout. Where heavy equipment is used in back filling walls designed to resist earth pressure only, such equipment should not approach closer to the top of the wall than a distance equal to the height of the wall. Care should also be taken to avoid exerting large impact forces on the wall as could be caused by a large mass of moving earth.



GENERAL DETAIL FOR ALL WALLS

INFORMATION
ONLY

SCALE
AS SHOWN

APPROVED FOR
CONSTRUCTION
N/A
CITY ENGINEER DATE

JOB NO. 11055

26 1326 1283

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION					
TITLE: McCLINTIC SOLAR TOWNHOUSE DEVELOPMENT RETAINING WALL DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N/A	June 1
A.C.E.-Design			Traffic	N/A	June 1
A.C.E.-Hydrology			Water	N/A	June 1
DRAWING NO. 1326			SHEET 12 OF 12		