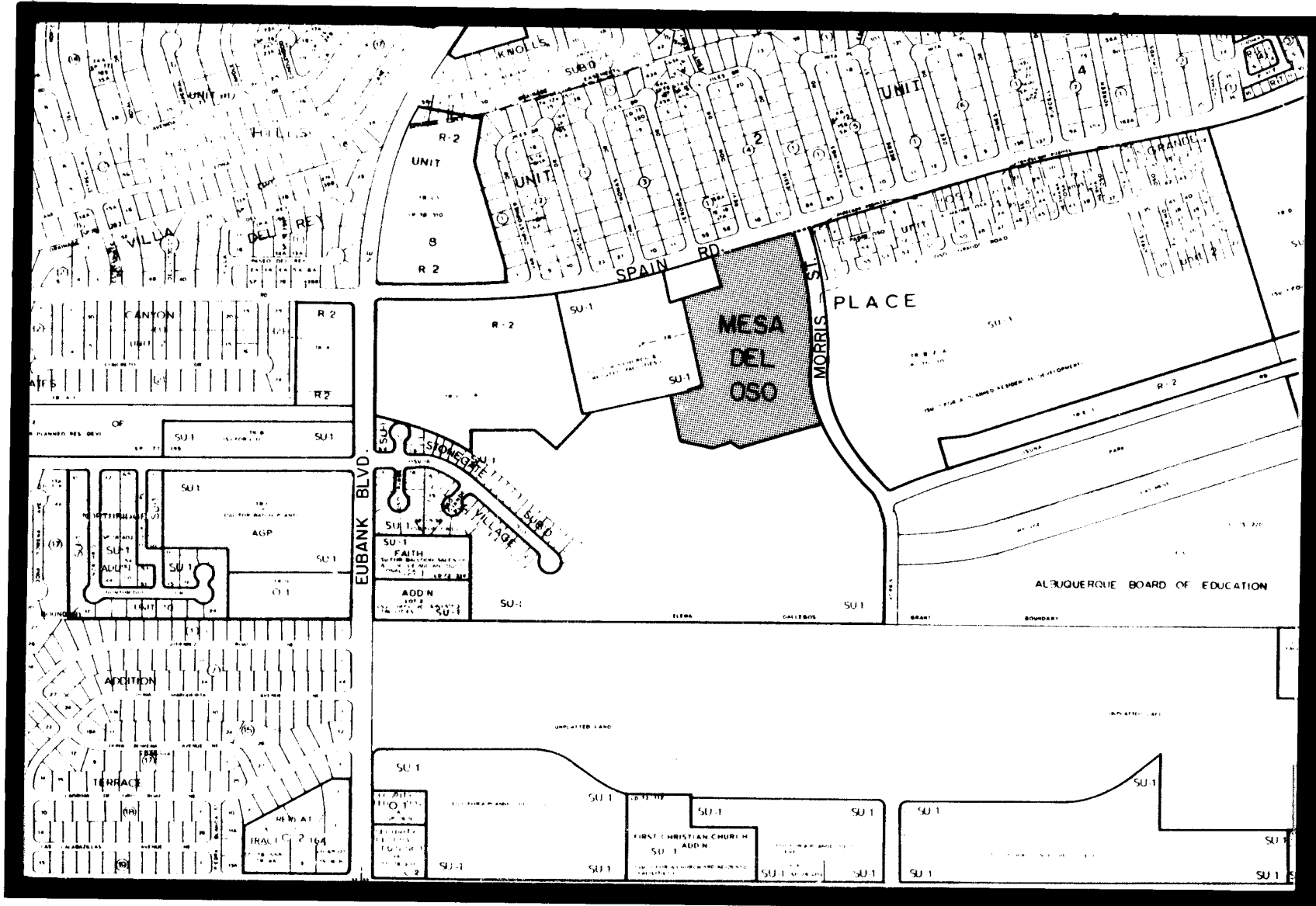


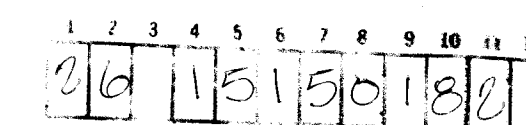
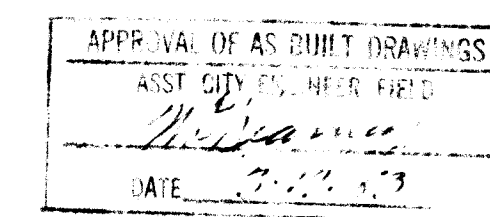


PHASE II MESA DEL OSO

ALBUQUERQUE , NEW MEXICO

INDEX

SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
1	TITLE SHEET	16	LOT B
2-7	PLAT & COMPUTATIONS	17	LOT C LOT A
8	LOT A	18	LOT C & LOT D
9	GRADING PLAN (north portion)	19	LOT D
10	BORROW AREA GRADING	20	LOT E
11	SANITARY SEWER DESIGN	21	LOT F
12	WATER DESIGN	22	LOT G
13	PAVING DESIGN	23	LOT H
14	MESA DEL OSO ROAD (north)	24	LOT I
15	MESA DEL OSO ROAD (center) and LOT B	25	RETAINING WALL DETAILS



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. 30" 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.
APPROVED FOR CONSTRUCTION	
CITY ENGINEER	REFERENCE 1514
DATE	PROJECT NO. 1515
	MAP NO. F-21
	SHEET 1 OF 25

02 39006

REPLAT OF
TRACT D-1
OSO GRANDE SUBDIVISION
(FILED: DECEMBER 23, 1981)
MESA DEL OSO
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
APRIL, 1982

DEDICATION

THE SUBDIVISION OF THE LAND HEREON DESCRIBED IS WITH FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER(S) AND PROPRIETOR(S) THEREOF AND DO HEREBY DEDICATE THE PUBLIC UTILITY EASEMENTS AS SHOWN HEREON THAT INCLUDES EASEMENTS FOR UNDERGROUND AND BURIED SERVICE WIRES FOR ELECTRIC POWER AND TELEPHONE LINES TO BE INSTALLED, MAINTAINED AND SERVICED TO PROVIDE ELECTRIC AND TELEPHONE SERVICE TO THE RESIDENTS OF THE SUBDIVISION AND INCLUDING THE RIGHT TO INGRESS, EGRESS AND THE RIGHT TO TRIM OR REMOVE ANY INTERFERING TREES, SHRUBS OR BUSHES.

WATER RESOURCES SHALL HAVE THE EXCLUSIVE RIGHT TO PLACE UNDERGROUND UTILITIES WITHIN SIX (6) FEET OF A SANITARY SEWER LINE AND FOUR (4) FEET OF A WATER LINE, EXCEPT FOR PERPENDICULAR CROSSINGS OR WHERE WRITTEN APPROVAL HAS BEEN OBTAINED FROM THE WATER RESOURCES DEPARTMENT.

John R. Dorothea
JOHN R. DOROTHEA, SECRETARY OF GRUPE INVESTMENT COMPANY I, INC., General Partner of ALBUQUERQUE INVESTMENT PARTNERSHIP I, LTD.
DATE
July 8, 1982

ACKNOWLEDGMENT

STATE OF CALIFORNIA)
COUNTY OF SAN JOAQUIN) SS
THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS 8th DAY OF July, 1982, BY JOHN R. DOROTHEA, SECRETARY, ON BEHALF OF GRUPE INVESTMENT COMPANY I, INC., General Partner of ALBUQUERQUE INVESTMENT PARTNERSHIP I, LTD.

My Commission Expires: January 11, 1985
Luisa Gonzalez
Notary Public

SURVEYOR'S CERTIFICATION

I, A. DWAIN WEAVER, 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, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. Dwain Weaver
A. DWAIN WEAVER
P.L.S. NO. 6544
NEW MEXICO
DATE
May 20, 1982

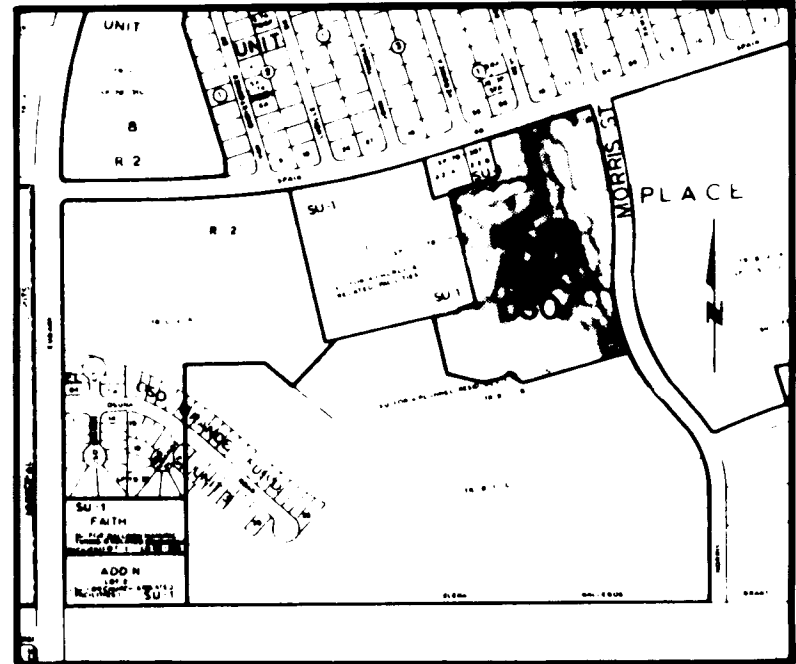
JOB NO. 11890

SHEET 1 OF 6 SHEETS

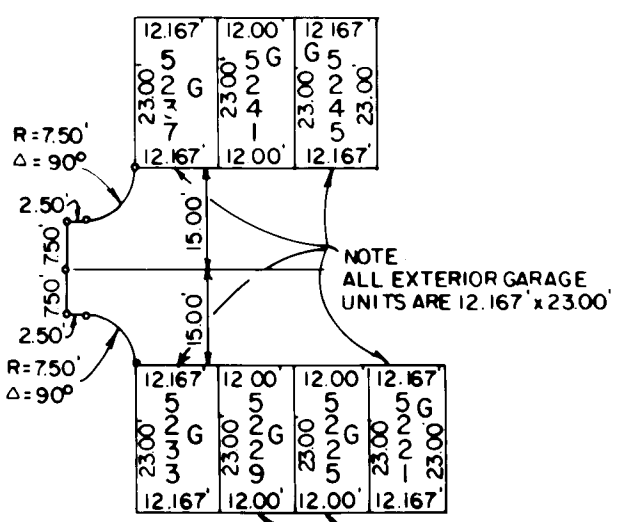
SUBDIVISION PLAT TITLE SHEET SHEET 2 OF 25

DRAWING NO. 1515
REFERENCE 1514

2 3 4 5 6 7 8 9 10 11 12
06 15 15 00 00 00



LOCATION MAP
ZONE ATLAS MAP NO. F-21



TYPICAL GARAGE UNITS
AND
TYPICAL END OF PRIVATE DRIVES
SCALE 1"=30'

SUBDIVISION DATA

1. CASE NO.
2. ZONE ATLAS INDEX NO. F-21
3. GROSS SUBDIVISION ACREAGE 11.2637 ACRES
4. TOTAL NUMBER OF LOTS CREATED: 100 LOTS
5. DATE OF SURVEY: APRIL 1982

NOTES

1. BASIS OF BEARINGS, OSO GRANDE SUBDIVISION, FILED DEC. 23, 1981.
2. DISTANCES ARE GROUND DISTANCES.
3. RETURN RADIUS ON THE END OF ALL PRIVATE DRIVES ARE 7.50' UNLESS OTHERWISE NOTED.
4. ELEVATIONS ARE FIELD ELEVATIONS, CITY OF ALBUQUERQUE DATUM.
5. LOT "B" IS COMMON AREA AND INCLUDES PARKING SPACES, THE PRIVATE ROADS AND DRIVES, AND THE GARAGES.
6. LOT "B" WILL BE CONTROLLED AND MAINTAINED BY A MANDATORY HOMEOWNERS ASSOCIATION SUBJECT TO LOT OWNERS' EXCLUSIVE EASEMENTS FOR USE OF THE GARAGES APPURTENANT TO THEIR LOTS.
7. GARAGES ARE 12.00' x 23.00' AND 12.167' x 23.00' AND SHOWN [5237 G].
8. THE GARAGES, A PORTION OF LOT "B", ARE NUMBERED AND IDENTIFIED ONLY FOR THE PURPOSE OF IDENTIFYING THE LOCATION OF AN EXCLUSIVE USE EASEMENT APPURTENANT TO THE RESIDENTIAL LOT HAVING THE SAME NUMBER.
9. ALL INTERIOR ROADS AND DRIVES ARE PRIVATE ROADS AND DRIVES.
10. ALL LOTS SHALL HAVE AN EASEMENT ACROSS LOT B FOR UTILITIES AND ACCESS, EXCEPT THAT USE OF SUCH EASEMENT SHALL NOT INTERFERE WITH THE PLANNED USE OF LOT B FOR DRIVEWAYS, PARKING, SWIMMING POOL, SPECIAL LANDSCAPING AND SIMILAR USES.

DESCRIPTION

A TRACT OF LAND SITUATE WITHIN THE ELENA GALLEGOS GRANT IN PROJECTED SECTION 33, T11N, R4E, N.M.P.M., AND BEING TRACT D-1 AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT OF OSO GRANDE SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON DECEMBER 23, 1981, AND BEING MORE PARTICULARLY DESCRIBED BY MEASURES AND BOUNDS AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER, A BOHANNAN, HUSTON AND ASSOCIATES BRASS CAP, SAID CORNER BEING ALSO THE NORTHWEST CORNER OF TRACT D-2 AND ALSO A POINT ON THE EASTERLY BOUNDARY OF TRACT E-2, AS THE SAME ARE SHOWN AND DESIGNATED ON THE PLAT OF SAID OSO GRANDE SUBDIVISION, WHENCE THE ACS CONTROL MONUMENT "10-G21" BEARS S22°42'00"W, 2558.01 FEET AND FROM SAID BEGINNING POINT RUNNING THENCE,
N12°14'40"W, 200.00 FEET ALONG THE WESTERLY BOUNDARY OF SAID TRACT D-1 AND EASTERLY BOUNDARY OF SAID TRACT E-2 TO THE NORTHEAST CORNER OF SAID TRACT E-2, A POINT ON THE NORTHERLY BOUNDARY OF SAID OSO GRANDE SUBDIVISION AND SOUTHERLY BOUNDARY OF TRACT Z-1, REPLAT ACADEMY PLACE, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY ON FEBRUARY 24, 1978, THENCE CONTINUING ALONG SAID NORTHERLY BOUNDARY AND SAID SOUTHERLY BOUNDARY,
N77°45'20"W, 50.00 FEET TO A POINT, THENCE,
N73°01'08"E, 75.23 FEET TO THE SOUTHEAST CORNER OF SAID TRACT Z-1, THENCE CONTINUING ALONG THE EASTERLY BOUNDARY OF SAID TRACT Z-1,
N12°14'02"W, 452.57 FEET TO A POINT, THENCE,
N73°01'08"E, 194.76 FEET TO A POINT, THENCE,
N16°58'52"W, 160.96 FEET TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY OF SPAIN ROAD, SAID POINT BEING ALSO THE NORTHWEST CORNER OF SAID TRACT D-1, THENCE CONTINUING ALONG SAID SOUTHERLY RIGHT-OF-WAY AND NORTHERLY BOUNDARY OF SAID TRACT D-1,
N73°01'19"E, 383.94 FEET TO A POINT OF CURVATURE, THENCE LEAVING SAID SOUTHERLY RIGHT-OF-WAY AND NORTHERLY BOUNDARY OF SAID TRACT D-1,
39.27 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 25.00 FEET AND A CHORD BEARING S61°58'41"E, 35.36 FEET TO A POINT OF TANGENCY ON THE WESTERLY RIGHT-OF-WAY OF MORRIS STREET, BEING ALSO A POINT ON THE EASTERLY BOUNDARY OF SAID TRACT D-1, THENCE CONTINUING ALONG SAID WESTERLY RIGHT-OF-WAY AND SAID EASTERLY BOUNDARY,
S16°58'41"E, 147.76 FEET TO A POINT OF CURVATURE, THENCE, 148.21 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 534.67 FEET AND A CHORD BEARING S09°02'11"E, 147.74 FEET TO A POINT, THENCE,
S03°51'43"W, 340.14 FEET TO A POINT OF CURVATURE, THENCE, 299.98 FEET ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 547.31 FEET AND A CHORD BEARING S11°50'30"E, 296.24 FEET TO THE SOUTHEAST CORNER OF SAID TRACT D-1, BEING ALSO THE NORTHEAST CORNER OF SAID TRACT D-2, THENCE LEAVING SAID WESTERLY RIGHT-OF-WAY OF MORRIS STREET AND CONTINUING ALONG THE SOUTHERLY BOUNDARY OF SAID TRACT D-1 AND NORTHERLY BOUNDARY OF SAID TRACT D-2,
S77°45'49"W, 325.23 FEET TO A POINT, THENCE,
N70°30'00"W, 83.00 FEET TO A POINT, THENCE,
S77°45'48"W, 140.00 FEET TO A POINT, THENCE,
N83°30'00"W, 92.00 FEET TO THE POINT AND PLACE OF BEGINNING.

TRACT CONTAINS 11.2637 ACRES: MORE OR LESS.

SP-82-192

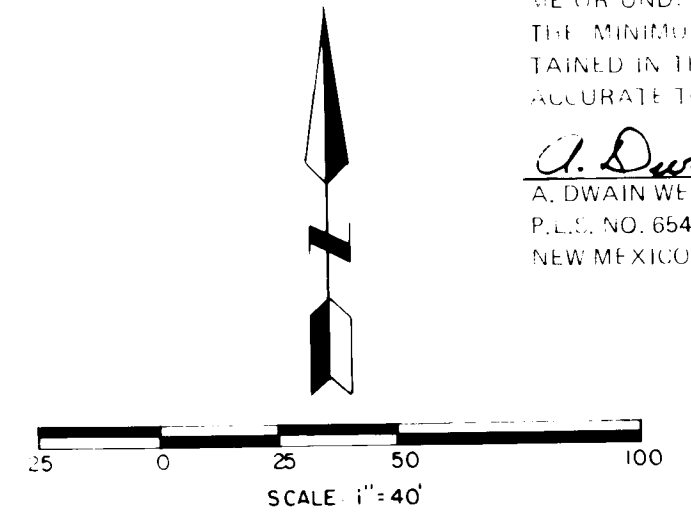
APPROVED AND ACCEPTED BY:

Eugene Thayer 7-27-82
PLANNING DIRECTOR DATE
Caleb M. Estep 7/27/82
CITY ENGINEER DATE
Caleb M. Estep 7/27/82
A.M.A.F.C.A. DATE
Thomas W. Kennedy 7/27/82
TRAFFIC ENGINEER DATE
Paul Blanton 7/27/82
CITY SURVEYOR DATE
Hawley & Co. 7/27/82
PROPERTY MANAGEMENT DATE
Paul Blanton 7/27/82
WATER RESOURCES DEPARTMENT DATE
Marti Valdez 7/27/82
PARKS & RECREATION DEPARTMENT DATE
Doug Henderson 7/27/82
PUBLIC SERVICE COMPANY OF NEW MEXICO DATE
Gavin Henry 7/22/82
GAS COMPANY OF NEW MEXICO DATE
E. Wayne Brundage 07/21/82
MOUNTAIN BELL DATE

REPLAT OF
TRACT D-I
OSO GRANDE SUBDIVISION
(FILED: DECEMBER 23, 1981)
MESA DEL OSO
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
APRIL, 1982



SURVEYOR'S CERTIFICATION
I, A. DWAIN WEAVER, 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, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.
A. Dwain Weaver
A. DWAIN WEAVER
P.L.S. NO. 6544
NEW MEXICO
May 29, 1982
DATE



JOB No. 11890

SHEET 2 OF 6 SHEETS

SUBDIVISION PLAT SHEET 3 OF 25

DRAWING NO. 1515
REFERENCE 1514
2-6 15 150382

82 39006

REPLAT OF
TRACT D-I
OSO GRANDE SUBDIVISION
(FILED: DECEMBER 23, 1981)
MESA DEL OSO
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
APRIL, 1982

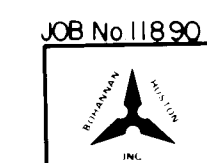
NR.	DISTANCE	BEARING
T1	5.00'	S16°58'41"E
T2	4.56'	N76°15'22"E
T3	5.00'	N16°58'41"W
T4	10.46'	S17°37'35"E
T5	24.33'	N72°22'25"E
T6	17.17'	N17°37'35"W
T7	17.04'	S17°37'35"E
T8	36.33'	N72°22'25"E
T9	21.69'	N17°37'35"W
T10	9.00'	S25°59'57"W
T11	26.82'	S77°45'58"W
T12	36.33'	S12°14'02"E
T13	11.70'	N77°45'58"E
T14	8.16'	S77°45'48"W
T15	7.84'	N77°49'49"E
T16	5.42'	S77°49'49"W
T17	13.00'	N75°24'30"E
T18	10.35'	S75°24'30"W
T19	9.00'	N25°59'57"E
T20	13.48'	S50°08'26"W
T21	13.00'	N86°24'59"W
T22	13.00'	N84°27'55"E
T23	10.00'	S75°24'30"W

NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	25.00'	39.27'	35.36'	90°00'00"	25.00'
C2	534.67'	148.21'	147.74'	15°52'58"	74.58'
C3	25.00'	19.57'	19.07'	44°50'45"	10.32'
C4	517.78'	60.34'	60.31'	06°40'37"	30.20'
C5	514.29'	21.27'	21.26'	02°22'09"	10.63'
C6	514.29'	12.63'	12.63'	01°24'26"	6.33'
C7	80.02'	131.94'	117.49'	94°28'04"	86.52'
C8	106.02'	98.56'	95.04'	53°15'36"	53.16'
C9	106.02'	41.40'	41.14'	22°22'29"	20.97'
C10	80.02'	83.36'	80.16'	60°06'55"	46.31'
C11	80.02'	16.01'	15.98'	11°27'34"	8.03'
C12	106.02'	8.08'	8.08'	04°22'00"	4.04'
C13	106.02'	99.28'	95.69'	53°39'11"	53.62'
C14	93.02'	98.54'	94.00'	60°41'46"	54.46'
C15	93.02'	54.83'	54.04'	33°46'18"	28.24'
C16	93.02'	97.68'	93.25'	60°09'41"	53.88'
C17	93.02'	48.00'	47.47'	29°33'43"	24.54'
C18	66.99'	39.88'	39.29'	34°06'19"	20.55'
C19	92.99'	64.69'	63.39'	39°51'22"	33.71'
C20	79.99'	55.64'	54.53'	39°51'22"	29.00'
C21	547.31'	299.98'	296.24'	31°24'12"	153.86'
C22	82.55'	9.52'	9.52'	06°36'31"	4.77'
C23	82.55'	18.39'	18.35'	12°45'42"	9.23'
C24	167.87'	26.08'	26.05'	08°54'04"	13.07'
C25	167.87'	53.40'	53.18'	18°13'35"	26.93'
C26	96.45'	29.52'	29.40'	17°32'01"	14.87'
C27	90.86'	42.48'	42.48'	27°02'24"	21.85'
C28	116.86'	51.58'	51.16'	25°17'18"	26.22'
C29	96.45'	84.07'	81.44'	49°56'36"	44.92'
C30	514.29'	27.49'	27.48'	03°03'45"	13.75'
C31	514.29'	14.89'	14.89'	34°39'11"	7.80'
C32	514.29'	24.47'	24.47'	02°33'41"	12.24'
C33	547.31'	25.23'	25.23'	02°38'28"	12.62'
C34	25.00'	16.46'	16.46'	37°43'57"	8.14'
C35	517.78'	15.03'	15.03'	01°24'26"	6.33'
C36	2.50'	2.68'	2.56'	61°24'14"	1.49'
C37	30.00'	79.33'	58.16'	15°30'55"	118.19'
C38	30.00'	74.10'	56.65'	141°31'17"	85.96'
C39	15.00'	13.49'	13.04'	51°21'11"	7.14'
C40	517.78'	19.17'	19.17'	02°10'00"	2.14'
C41	514.29'	20.93'	20.92'	02°19'53"	10.46'
C42	70.45'	107.69'	97.50'	87°34'41"	67.53'
C43	141.87'	73.06'	72.25'	29°30'17"	37.36'
C44	108.55'	46.23'	45.88'	24°24'10"	23.47'
C45	95.55'	11.17'	11.17'	06°41'57"	5.59'
C46	95.55'	15.21'	15.19'	09°07'05"	7.62'
C47	95.55'	37.38'	37.14'	22°24'56"	18.93'
C48	154.87'	109.72'	107.44'	40°35'27"	57.27'
C49	83.45'	36.80'	36.50'	25°16'04"	18.71'
C50	83.45'	90.75'	86.35'	62°18'37"	50.45'
C51	10.00'	15.71'	14.14'	90°00'00"	10.00'
C52	103.86'	47.80'	47.38'	26°22'00"	24.33'

LOCAL COORDINATES
FOR PLAT BEARINGS & GROUND DISTANCES

PT NO	X	Y
1	6594.47162	5383.68195
2	6553.71900	5571.63200
3	6739.98363	5628.51167
4	6692.97300	5782.45800
5	6862.36664	5834.17590
6	7060.17848	5894.57021
7	7091.38903	5877.95993
8	7134.53600	5736.63900
9	7157.74045	5590.73362
10	7146.82996	5429.11075
11	6796.64321	5691.77813
12	6896.53127	5722.27515
13	7042.37781	5766.80384
14	6912.29084	5670.65722
15	6890.55445	5579.20489
16	6843.47238	5552.67965
17	6774.82155	5489.57160
18	6772.71215	5442.15345
19	6651.10755	5479.56031
20	6741.55370	5499.17146
21	6915.27175	5555.56965
22	6965.16564	5533.57424
23	7068.55136	5526.59509
24	7134.83100	5251.36400
25	7149.27016	5084.42413
26	7195.61134	4961.42921
27	6877.68755	4892.86765
28	6799.44830	4920.57362
29	6662.62904	4890.90059
30	6571.22043	4901.31528
31	6528.80385	5096.76562
32	6577.66643	5107.36976
33	6649.61934	5129.34204
34	6800.32354	5311.73176
35	6800.58215	5296.54455
36	6791.09967	5260.63280
37	6787.15445	5252.54360
38	6776.47668	5145.63752
39	6791.22798	5088.97233
40	6807.52857	5056.51198
41	6889.57887	5028.42065
42	7100.58415	5073.92480
43	7074.60721	5229.43988
44	6797.58483	5047.87575
45	6754.79603	5027.53978
46	6636.67085	5002.35483
47	6787.60757	5297.35709
48	6694.37353	5277.14145
49	6813.26293	5312.98557
50	6996.85160	5371.31603

C.19
200 4044



SHEET 4 OF 6 SHEETS

SUBDIVISION PLAT COMPUTATIONS SHEET 5 OF 25

DRAWING NO. 1515
REFERENCE 1514

26 15150982

REPLAT OF
TRACT D-I
OSO GRANDE SUBDIVISION
(FILED: DECEMBER 23, 1981)
MESA DEL OSO
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
APRIL, 1982

TANGENT & CURVE TABLES SHOWN
ARE FOR THIS SHEET ONLY.

NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	86.02'	97.18'	92.09'	64°43'32"	54.51'
C2	113.02'	56.98'	56.38'	28°53'04"	29.11'
C3	106.02'	2.75'	2.75'	01°29'05"	1.73'
C4	106.02'	2.34'	2.34'	01°15'46"	1.17'
C5	100.02'	28.40'	28.31'	16°16'12"	14.30'

NR.	DISTANCE	BEARING
T1	39.98'	N73°54'14"W
T2	29.78'	S77°45'58"W
T3	28.39'	S77°45'58"W
T4	28.68'	N58°01'20"W
T5	8.60'	S77°45'58"W
T6	20.00'	N12°14'02"W
T7	6.00'	S77°45'58"W
T8	6.00'	N12°14'02"W
T9	7.00'	N77°45'58"E
T10	85.98'	N38°51'27"W
T11	7.00'	N51°08'33"E
T12	15.00'	S76°19'08"E
T13	7.00'	S13°40'52"W
T14	21.83'	S73°01'19"W
T15	19.26'	N16°58'41"W
T16	14.00'	N73°01'19"E
T17	7.00'	N16°58'41"W
T18	21.00'	S73°01'19"W
T19	17.63'	S16°58'41"E
T20	19.00'	N73°01'19"E
T21	7.00'	S16°58'41"E
T22	13.00'	S73°01'19"W
T23	2.00'	S73°01'19"W
T24	15.00'	S16°58'41"E
T25	2.00'	N73°01'19"E
T26	17.91'	N12°14'02"W
T27	5.96'	N35°29'39"E
T28	11.71'	S54°30'21"E
T29	31.23'	N13°46'23"W
T30	7.00'	N76°13'37"E
T31	31.00'	S13°46'23"E
T32	37.03'	S87°50'34"E
T33	10.00'	S02°09'26"W
T34	23.00'	N73°01'19"E
T35	15.98'	N16°58'41"W
T36	10.11'	N73°01'19"E

SURVEYOR'S CERTIFICATION

I, A. DWAIN WEAVER, 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, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. Dwain Weaver
A. DWAIN WEAVER
P.L.S. NO. 6544
NEW MEXICO
DATE May 29, 1982

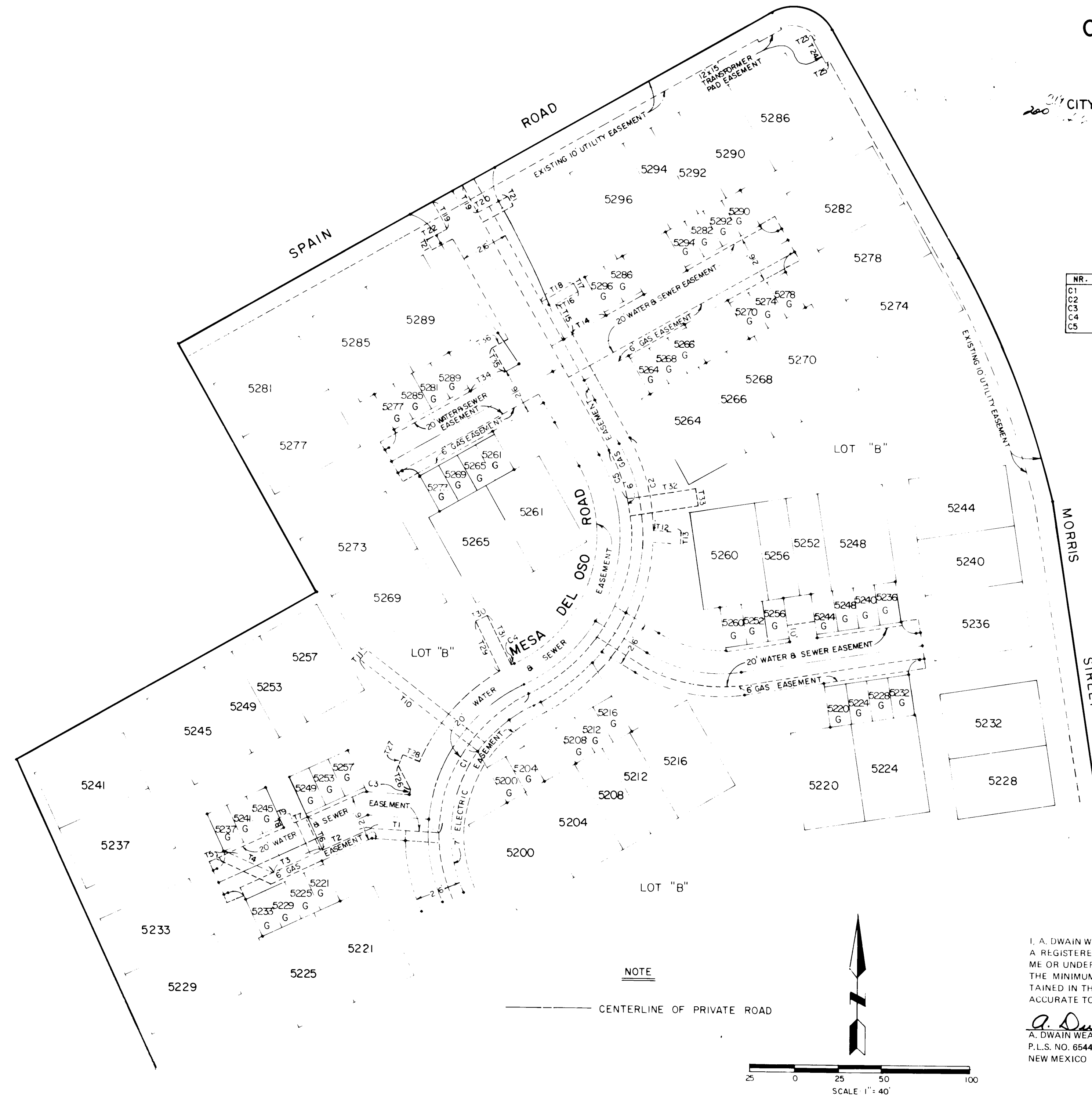
JOB No 11890

SHEET 5 OF 6 SHEETS

SUBDIVISION PLAT EASEMENTS SHEET 6 OF 25

DRAWING NO. 1515
REFERENCE 1514

200 15150682



REPLAT OF
TRACT D-1
OSO GRANDE SUBDIVISION
(FILED DECEMBER 23, 1981)
MESA DEL OSO
CITY OF ALBUQUERQUE, BERNALILLO COUNTY
NEW MEXICO
APRIL, 1982

TANGENT & CURVE TABLES SHOWN
ARE FOR THIS SHEET ONLY.

NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	557.31'	5.56'	5.66'	00°34'54"	2.83'
C2	63.45'	34.24'	33.82'	30°54'59"	17.55'
C3	116.86'	5.01'	5.01'	02°27'19"	2.50'
C4	141.87'	14.71'	14.70'	05°56'24"	7.36'
C5	167.87'	10.31'	10.31'	03°31'11"	5.16'
C6	134.87'	22.25'	22.23'	08°27'09"	11.15'
C7	141.87'	9.22'	9.21'	03°43'20"	4.61'
C8	102.55'	20.52'	20.49'	11°27'55"	10.29'
C9	102.55'	15.64'	15.62'	08°44'18"	7.84'

NR.	DISTANCE	BEARING
T1	10.36'	S77°49'49"W
T2	12.00'	S64°05'38"W
T3	15.00'	N25°54'22"E
T4	12.00'	N64°05'38"E
T5	63.94'	S77°49'49"W
T6	89.84'	N09°28'59"W
T7	7.00'	S80°31'01"W
T8	91.15'	S77°49'49"W
T9	41.00'	S12°10'11"E
T10	7.00'	S77°49'49"W
T11	108.92'	N77°49'49"E
T12	26.00'	S12°10'11"E
T13	10.50'	N77°49'49"E
T14	8.00'	N12°10'11"W
T15	3.50'	S77°49'49"W
T16	18.00'	N12°10'11"W
T17	36.58'	N77°49'49"E
T18	37.00'	S12°10'11"E
T19	8.00'	N77°49'49"E
T20	13.13'	N77°49'49"E
T21	31.00'	N12°10'11"W
T22	12.00'	N77°49'49"E
T23	36.40'	S25°39'15"W
T24	28.05'	S12°14'12"E
T25	7.00'	N77°45'48"E
T26	21.73'	N12°14'12"W
T27	52.49'	S77°45'48"W
T28	32.00'	S12°14'12"E
T29	8.00'	S77°45'48"W
T30	33.87'	S77°45'48"W
T31	28.58'	N57°49'49"W
T32	8.57'	S77°45'48"W
T33	59.15'	S77°45'58"W
T34	7.00'	S12°14'02"E
T35	34.86'	S77°45'58"W
T36	25.12'	S74°56'25"E
T37	7.00'	S15°03'35"W
T38	36.01'	N69°08'12"W
T39	50.04'	S77°45'58"W
T40	1.50'	S12°14'02"E
T41	21.70'	N86°24'59"W
T42	62.00'	S77°45'58"W
T43	25.33'	S77°45'58"W
T44	6.00'	S12°14'02"E
T45	20.00'	N12°14'02"W
T46	17.00'	N77°45'58"E
T47	113.30'	N72°22'25"E
T48	32.00'	S17°37'35"E
T49	10.00'	N72°22'25"E
T50	24.50'	S72°22'25"W
T51	17.74'	N27°22'25"E
T52	7.00'	N62°37'35"W
T53	14.84'	S27°22'25"W
T54	11.21'	S72°22'25"W
T55	20.47'	S12°14'02"E
T56	37.00'	N77°45'58"E
T57	12.00'	S12°14'02"E
T58	29.66'	S12°14'02"E
T59	31.00'	S77°45'58"W
T60	10.00'	S12°14'02"E
T61	8.90'	N77°49'49"E
T62	18.39'	S57°10'11"E
T63	16.07'	N69°26'06"W
T64	7.18'	N14°35'30"W
T65	12.27'	N75°24'30"E
T66	3.53'	N14°35'30"W
T67	12.15'	N72°22'25"E
T68	16.55'	S17°37'35"E

SURVEYOR'S CERTIFICATION

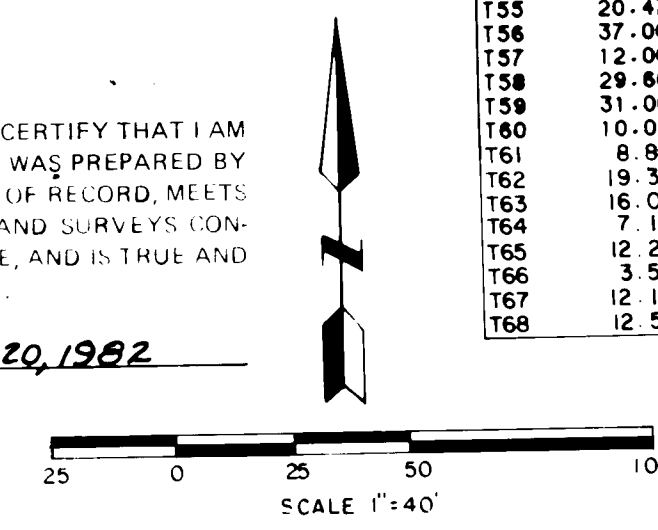
I, A. DWAIN WEAVER, UNDER THE LAWS OF NEW MEXICO, CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION, AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. Dwain Weaver
A. DWAIN WEAVER
P.L.S. NO. 6544
NEW MEXICO

May 20, 1982
DATE

NOTE

----- CENTERLINE OF PRIVATE ROAD



JOB No. 11890

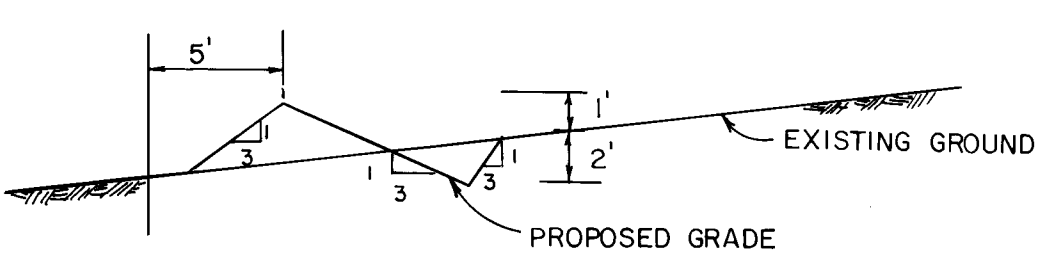
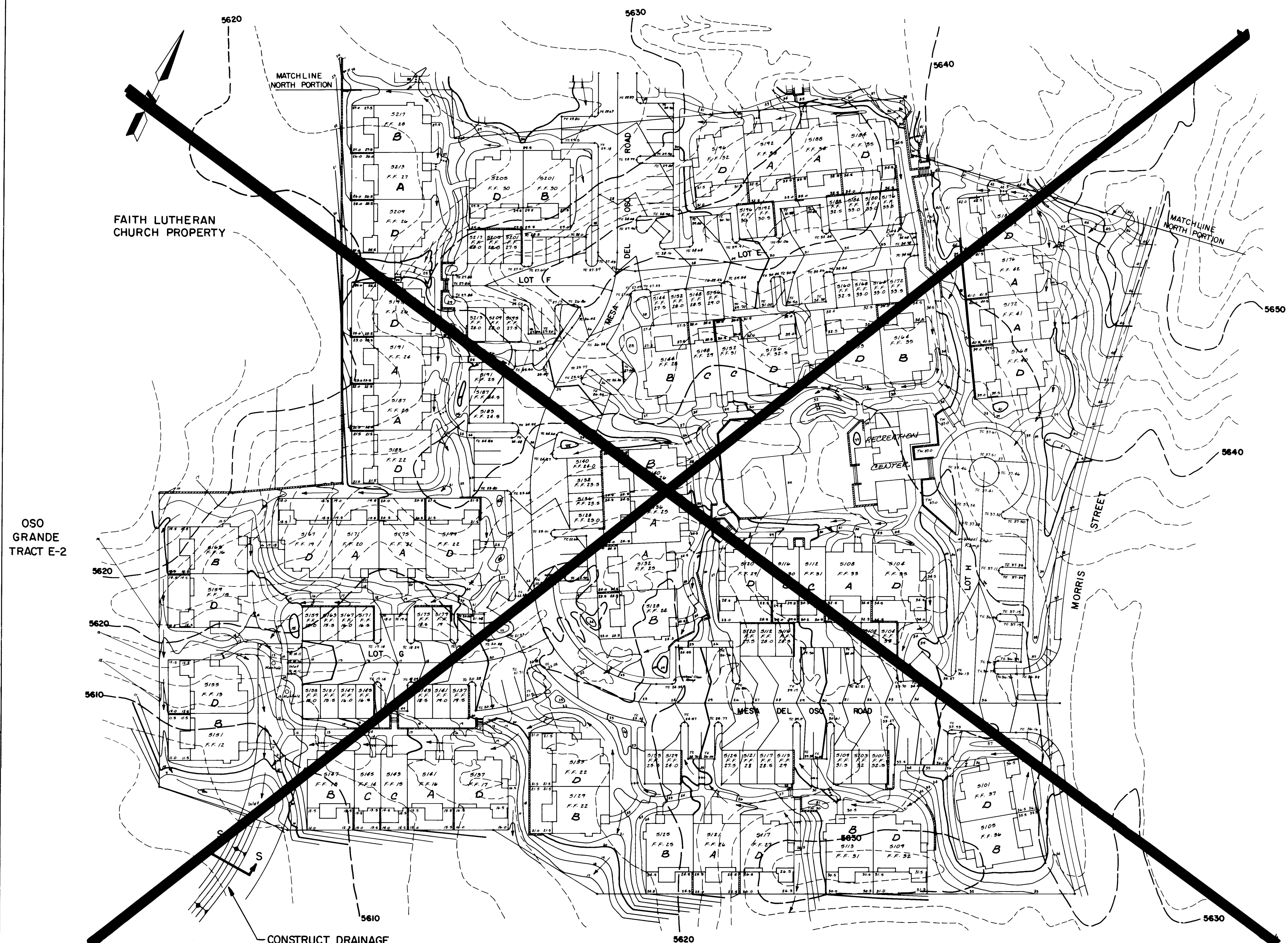
SHEET 6 OF 6 SHEETS

SUBDIVISION PLAT EASEMENTS SHEET 7 OF 25

DRAWING NO. 1515
REFERENCE 1514

1 2 3 4 5 6 7 8 9 10 11 12
1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526

NOT A PART OF THIS PROJECT



- LEGEND**
- EXISTING CONTOUR
 - PROPOSED CONTOUR
 - DIRECTION OF FLOW
 - RETAINING WALL (18" OR LESS)
 - RETAINING WALL (GREATER THAN 18")
 - SIDEWALK CULVERT (SEE PROPOSED PAVING DESIGN)

- NOTES**
- THE TOP 6" OF FILL BENEATH BUILDINGS AND GARAGES SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY (PER ASTM D-1557). ALL OTHER AREAS SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY. FILL SHALL BE BROUGHT TO OPTIMUM MOISTURE $\pm$ 2%.
 - NO FROZEN MATERIAL SHALL BE PLACED IN FILL.
 - ALL MATERIAL PLACED IN FILL SHALL HAVE BEEN EXCAVATED ON THIS PROJECT OR FROM DESIGNATED BORROW AREA.
 - MATERIAL UNSUITABLE FOR FILL SHALL BE REMOVED FROM THE SITE.
 - PRIOR TO GRADING, THE EXISTING SURFACE SHALL BE STRIPPED OF ORGANIC MATTER. THESE STRIPPINGS MAY BE USED FOR SURFACING LANDSCAPED AREAS ONLY.
 - ALL PADS SHALL BE GRADED TO 3' BEYOND SPECIFIED FINISHED HORIZONTAL DIMENSIONS.
 - FINISHED PAD ELEVATIONS ARE 8" BELOW FINISH FLOOR ELEVATIONS.
 - THE FINISHED FLOOR ELEVATION SPECIFIED FOR GARAGES IS AT THE FRONT OF THE GARAGE. GARAGE SLABS SHALL BE 2" HIGHER AT THE REAR.
 - THE FINISHED FLOOR ELEVATION FOR PATIO AREAS AT THE REAR OF THE BUILDING SHALL BE 1/2" BELOW THE BUILDING FINISHED FLOOR ELEVATION. THE PATIO SHALL SLOPE AWAY FROM THE BUILDING AT 2.0%. THE PATIO FINISHED PAD ELEVATIONS SHALL BE 4" BELOW THE PATIO FINISHED FLOOR ELEVATION.
 - MASONRY WALLS, RETAINING WALLS, OR COMBINATION MASONRY AND RETAINING WALLS SHALL NOT EXCEED 8.0' IN HEIGHT.
 - RETAINING WALLS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SHEET 25 OF 25. ALTERNATIVE DESIGNS WILL BE ACCEPTABLE IF PREPARED BY A REGISTERED CIVIL ENGINEER AND APPROVED BY THE CITY OF ALBUQUERQUE BUILDING INSPECTION DIVISION.
 - NO SLOPES SHALL EXCEED 3:1 (HORIZONTAL: VERTICAL).
 - ROUGH GRADING OF THE SITE SHALL BE DONE SO THAT ALL AREAS BEYOND BUILDING LIMITS AND OUTSIDE OF STREETS AND PARKING AREAS ARE LEFT 0.3' BELOW FINISHED GRADE ELEVATION. SUBGRADE TOLERANCE IN THESE AREAS SHALL BE $\pm$ 0.3'.
 - SUBGRADE TOLERANCE ON BUILDING PADS SHALL BE $\pm$ 0.1'.
 - SUBGRADE TOLERANCE ON AREAS WITHIN STREETS AND PARKING AREAS SHALL BE $\pm$ 0.3'.
 - COPIES OF THE SOILS REPORT FOR THIS PROPERTY MAY BE OBTAINED FROM F. M. FOX & ASSOCIATES, 3412 BRYN MAWR, N.E., ALBUQUERQUE, NEW MEXICO 87107.
 - GRADING OPERATIONS SHALL BE PERFORMED IN A MANNER WHICH MEETS ALL CURRENT CITY, STATE AND FEDERAL DUST CONTROL REGULATIONS.
 - IF CONSTRUCTION DOES NOT OCCUR ON THE SITE PRIOR TO OCTOBER 1, 1982, THE SITE AND BORROW AREA SHALL BE REVEGETATED BY THE OWNER WITH NATIVE GRASSES AS NECESSARY.
 - DRAINAGE THROUGH RETAINING WALLS SHALL BE PROVIDED AT SPECIFIC LOCATIONS. THIS SHALL BE DONE BY PLACING TWO ADJACENT BLOCKS ON THEIR SIDES. TOP OF RETAINING WALL ADJACENT TO THESE OPENINGS SHALL BE A MINIMUM OF 6" ABOVE BOTTOM OF THE OPENINGS.

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES		REVISIONS		DESIGN	
CONTRACTOR	WORK	THE STATION IS A STANDARD ACS BRASS TABLET	STAMPED 1/2" SET FLUSH IN THE SIDEWALK	DATE	BY	MAP NO. F-21	EST. NO.	NO.	DATE	DESIGNED BY	DATE
INSPECTED BY	DATE	IN THE NORTHEAST QUADRANT OF THE INTERSECTION	OF SPAIN ROAD AND EUBANK BOULEVARD	DATE						DRAWN BY	DATE
VERIFIED BY	DATE	ELEVATION: 5573.51								CHECKED BY	DATE
DATE											
NO.											

PREPARED UNDER THE DIRECTION OF

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION

TITLE: MESA DEL OSO - PHASE II GRADING PLAN (SOUTH PORTION)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		

APPROVED FOR ROUGH GRADING

CITY ENGINEER

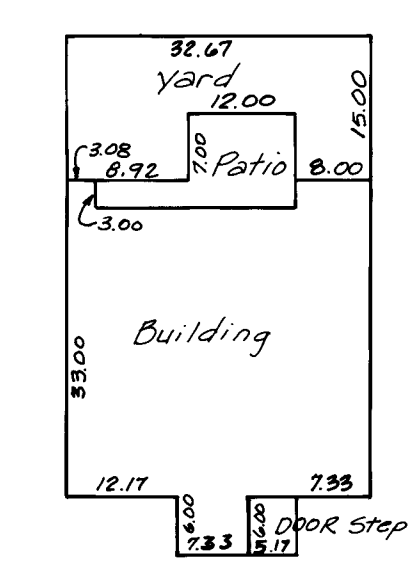
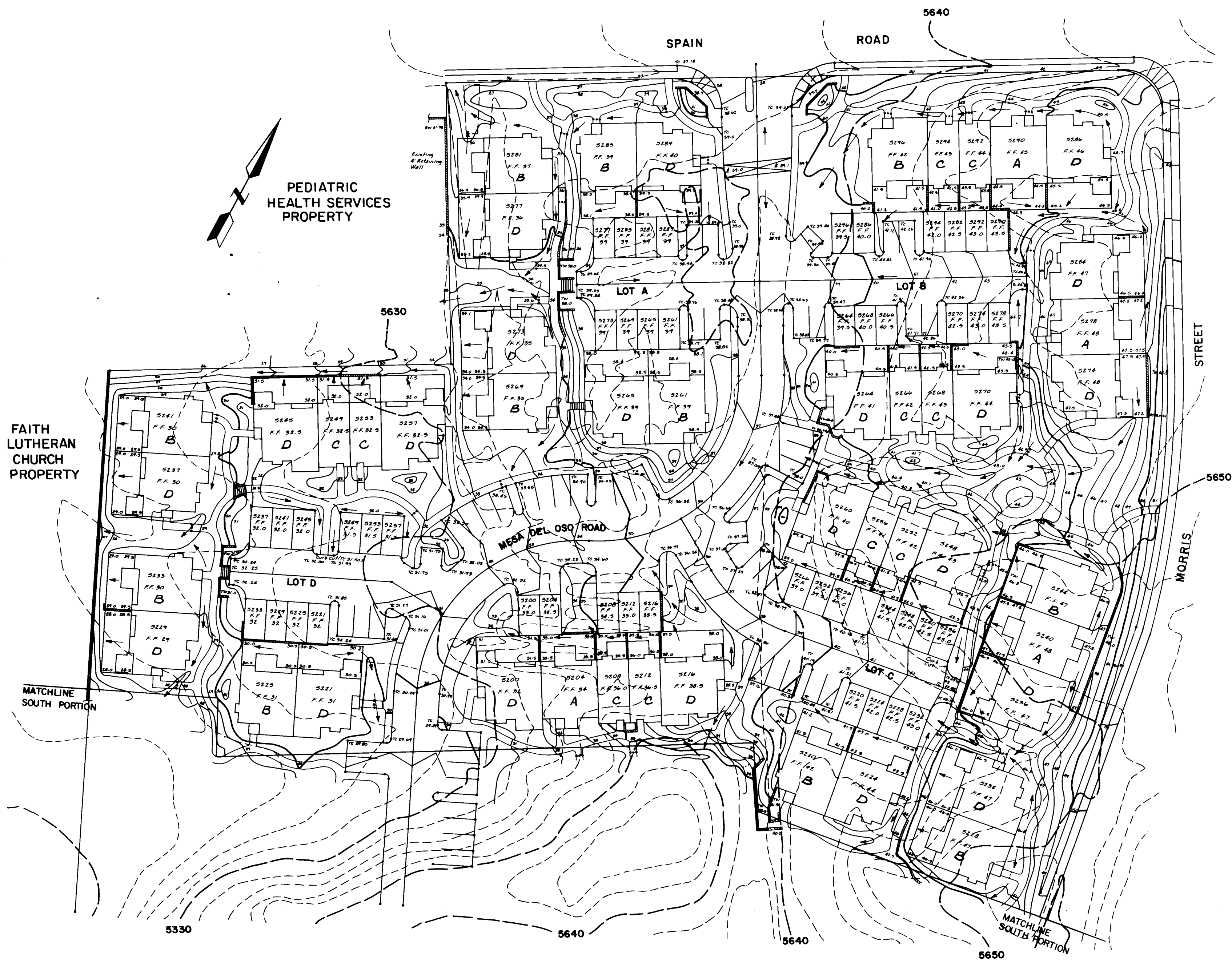
DATE

SCALE: 1" = 40'

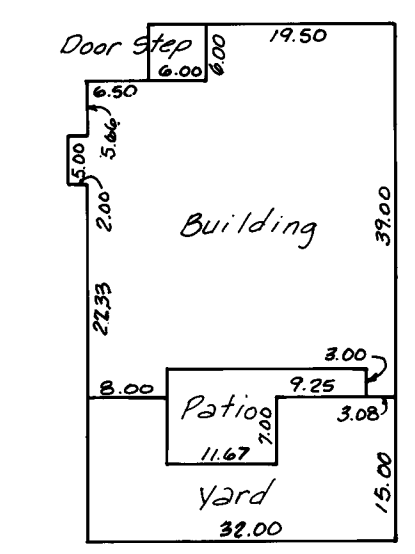
JOB NO. 11892

REFERENCE 1514

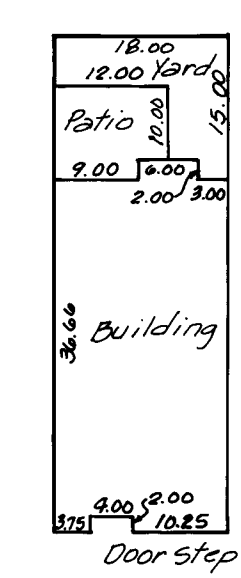
SHEET 8 OF 25



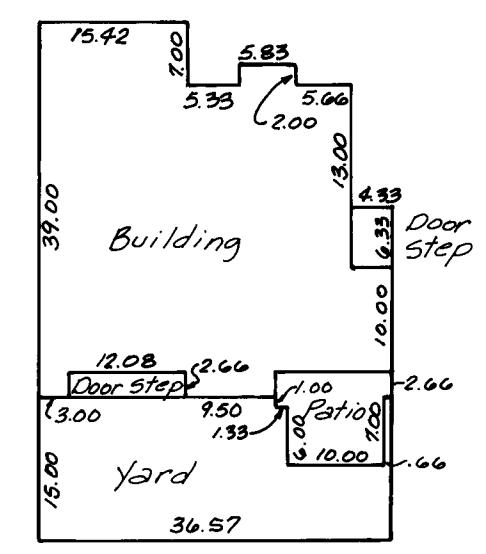
DETAIL A
TYPICAL A UNIT
SCALE: 1"=20'



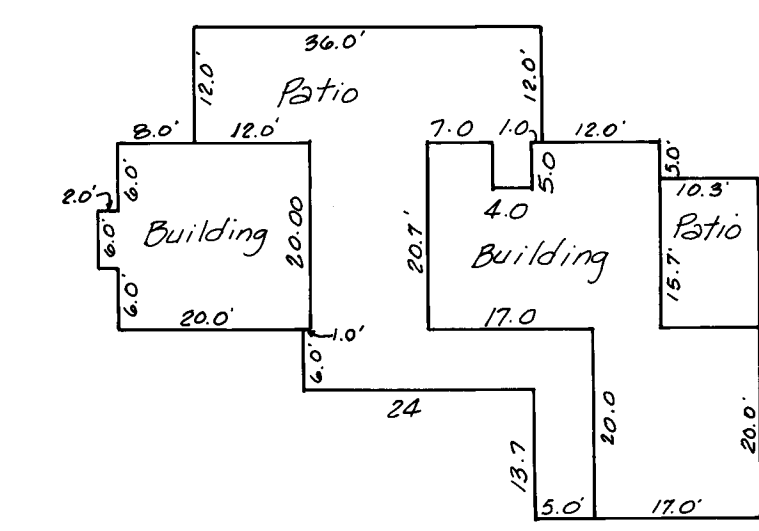
DETAIL B
TYPICAL B UNIT
SCALE: 1"=20'



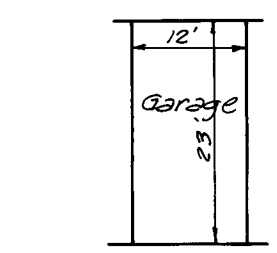
DETAIL C
TYPICAL C UNIT
SCALE: 1"=20'



DETAIL D
TYPICAL D UNIT
SCALE: 1"=20'



DETAIL E
RECREATION CENTER
SCALE: 1"=20'

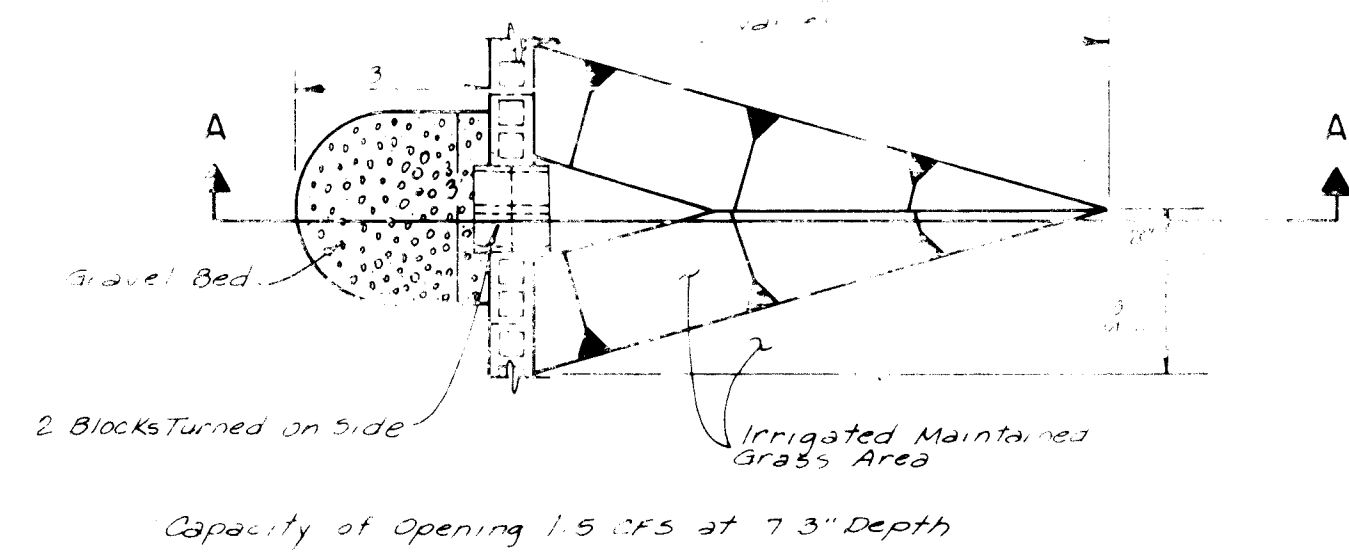


DETAIL F
TYPICAL GARAGE
SCALE: 1"=20'

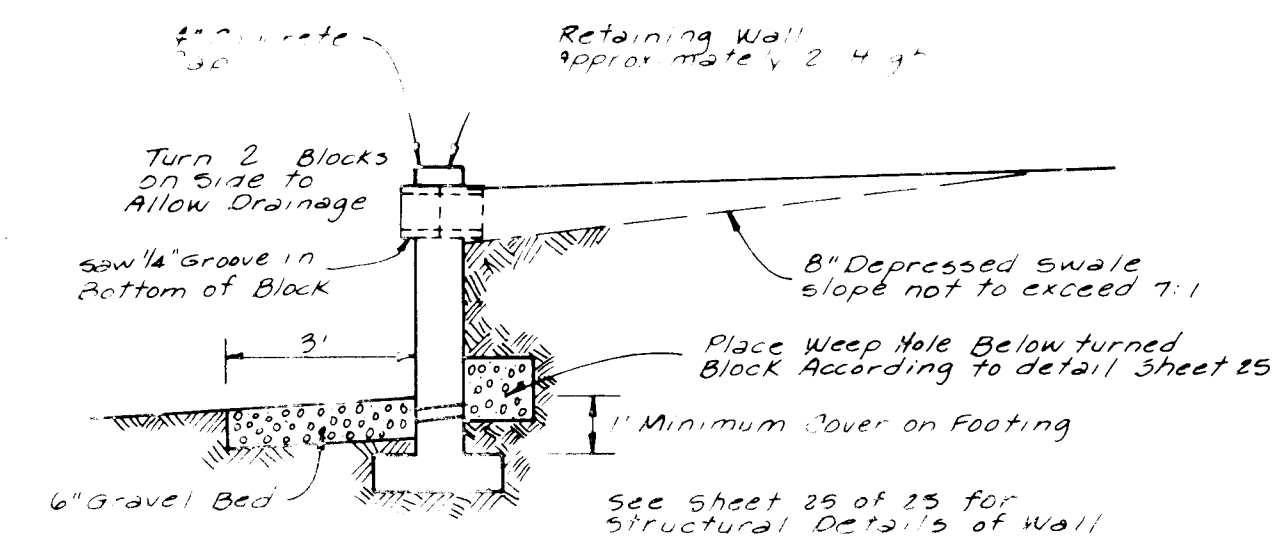
SEE NOTES SHEET 1

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- RETAINING WALL (18" OR LESS)
- RETAINING WALL (GREATER THAN 18")
- SIDEWALK CULVERT (SEE PROPOSED PAVING DESIGN)

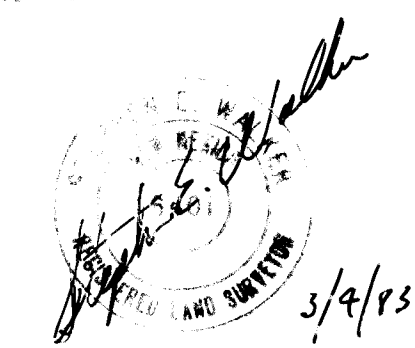


DETAIL N
RETAINING WALL FLOW DIAGRAM
NO SCALE



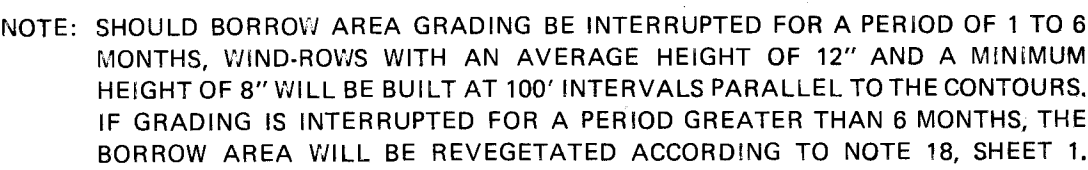
SECTION A-A
NO SCALE

AS BUILT (HORIZONTAL AND VERTICAL LOCATION ONLY)



26 15 15 09 28

PREPARED UNDER THE DIRECTION OF		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: MESA DEL OSO-PHASE II GRADING PLAN (NORTH PORTION)					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N.A. J. J. J.	
A.C.E.-Design			Traffic	N.A. J. J. J.	
A.C.E.-Hydrology			Water	N.A. J. J. J.	
APPROVED FOR ROUGH GRADING		DRAWING NO. 1515		SHEET 9 OF 25	
CITY ENGINEER		DATE		REFERENCE 1514	



CITY ENGINEER	DATE
<i>Don G. Lantz</i>	6/21/82
A.C.E. HYDROLOGY	DATE
FAITH LUTHERAN CHURCH	DATE
<i>Don G. Lantz</i>	6-14-82
GRUPE CONSTRUCTION WEST, INC.	DATE
<i>Don G. Lantz</i>	6-15-82
AMWOOD	DATE
	DATE

PREPARED UNDER THE
DIRECTION OF

David M. J. Milliken

DAVID M. J. MILLIKEN
3-29-82
REGISTERED PROFESSIONAL ENGINEER

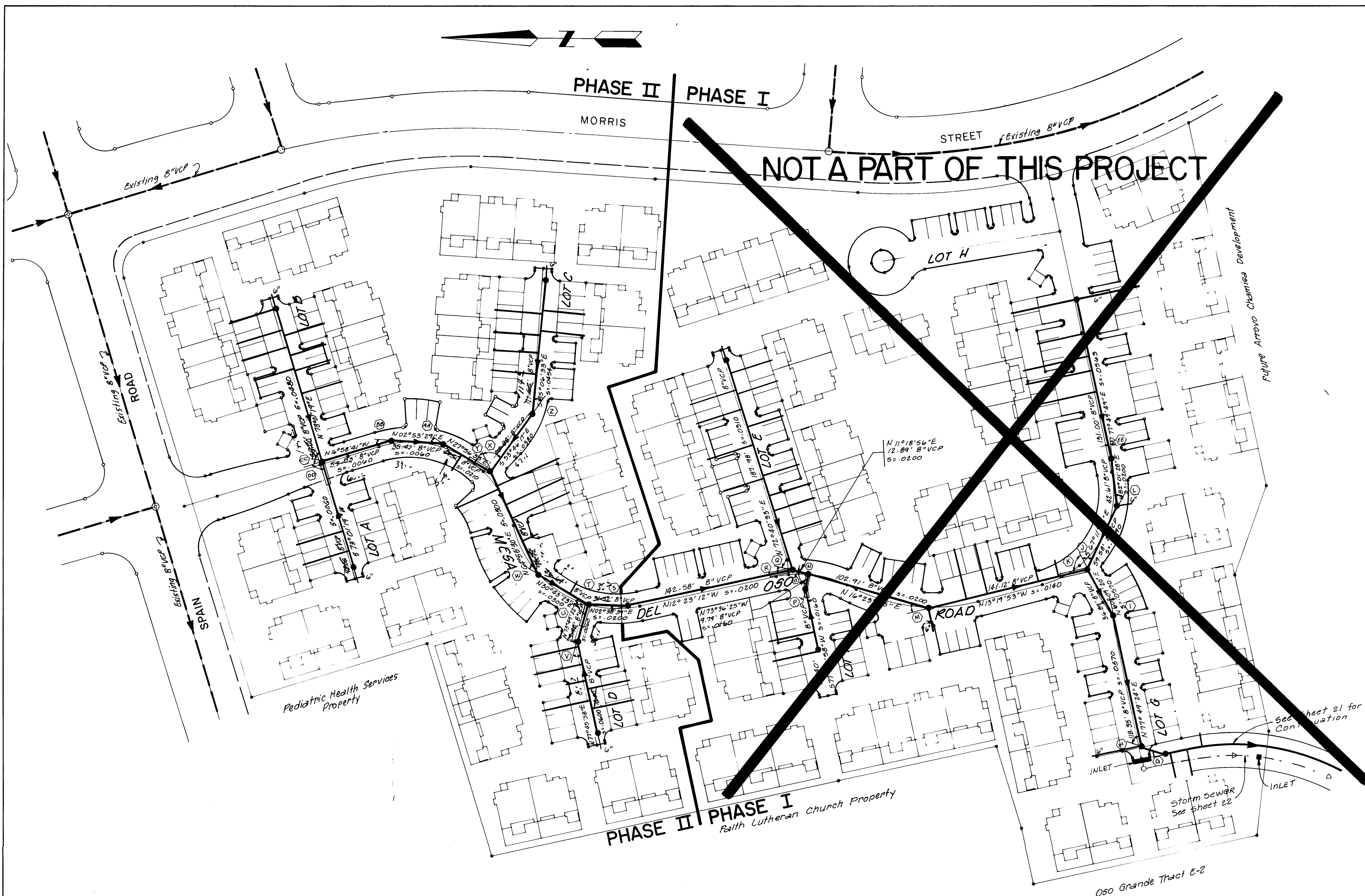
APPROVED FOR ROUGH GRADING
C. S. Hoffer by
C. A. Thompson
CITY ENGINEER DATE

		CITY OF ALBUQUERQUE MUNICIPAL CORPORATION DEPARTMENT ENGINEERING DIVISION					
TITLE: MESA DEL OSO-PHASE II BORROW AREA GRADING							
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE		
City Engineer			Liquid Waste	N.A. <i>mm</i>			
A.C.E. - Design	<i>Michael</i>	<i>8/26/18</i>	Traffic	N.A. <i>mm</i>			
A.C.E. - Hydrology			Water	N.A. <i>mm</i>			
DRAWING NO.			1515		SHEET 10 OF 25		

NO.			DATE	REMARKS	BY	REFERENCES			SURVEY INFORMATION			BENCH MARKS		AS-BUILT INFORMATION			
MAP NO.			F- 21	7/2	EST. NO.			W/O NO.	NO.	BY	DATE	THE STATION IS A STANDARD ACS BRASS TABLET STAMPED "17-F21" SET FLUSH IN THE SIDEWALK IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF SPAIN ROAD AND EUBANK BOULEVARD ELEVATION = 5573.51			CONTRACTOR WORK STAMPED BY	DATE	
NO.			DATE	REVISIONS		DESIGN						INSPECTOR'S FIELD VERIFICATION BY			DATE		
DESIGNED BY			RW & DMYM	DATE	3 / 82										MICRO-FILM INFORMATION		
DRAWN BY			MCQ	DATE	3 / 82										RECORDED BY		DATE
CHECKED BY			DMYM	DATE	3 / 82										NO.		

BRUNING 44-132-52753

Sanitary Sewer Deflections	
Location	Deflection
G	29° 49' 44" Rt.
H	60° 13' 44" Rt.
I	17° 40' 04" Lt.
J	52° 39' 08" Rt.
K	70° 09' 13" Lt.
L	30° 47' 02" Lt.
M	29° 43' 28" Rt.
N	05° 04' 39" Lt.
O	90° 00' 00" Lt.
P	28° 37' 37" Lt.
Q	61° 21' 37" Rt.
R	23° 42' 08" Lt.
S	15° 01' 51" Rt.
T	28° 04' 44" Rt.
U	76° 28' 01" Lt.
V	28° 24' 40" Lt.
W	34° 12' 07" Rt.
X	61° 18' 13" Rt.
Y	36° 58' 37" Lt.
AA	31° 20' 16" Rt.
BB	25° 03' 34" Lt.
CC	19° 52' 10" Lt.
DD	90° 00' 00" Rt.
EE	90° 00' 00" Lt.
	04° 11' 39" Lt.



NOTES:

- 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.
- 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.
- Sewer services, other than those indicated, shall not tie-in to the sewer main at manholes.
- 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".
- Streets shall be graded to finish grade $\pm 1.00'$ prior to installation of utilities.
- For sanitary sewer service tee locations see sheets 1d through 2d.
- All service line stub-outs shall be perpendicular to the sanitary sewer main. Stub-outs shall be 4" DIP unless otherwise noted.
- A watertight plug shall be installed at the end of each stub-out.
- All sanitary sewer lines within the streets and lots shall be built to City of Albuquerque Standards.
- Water line shall be 10' Min. North & West of Centerline.
- All sanitary sewer main will be maintained by the City of Albuquerque. The individual service laterals shall be maintained by the individual Home Owners. Multiple service laterals (6") shall be maintained by the Home Owners Association.

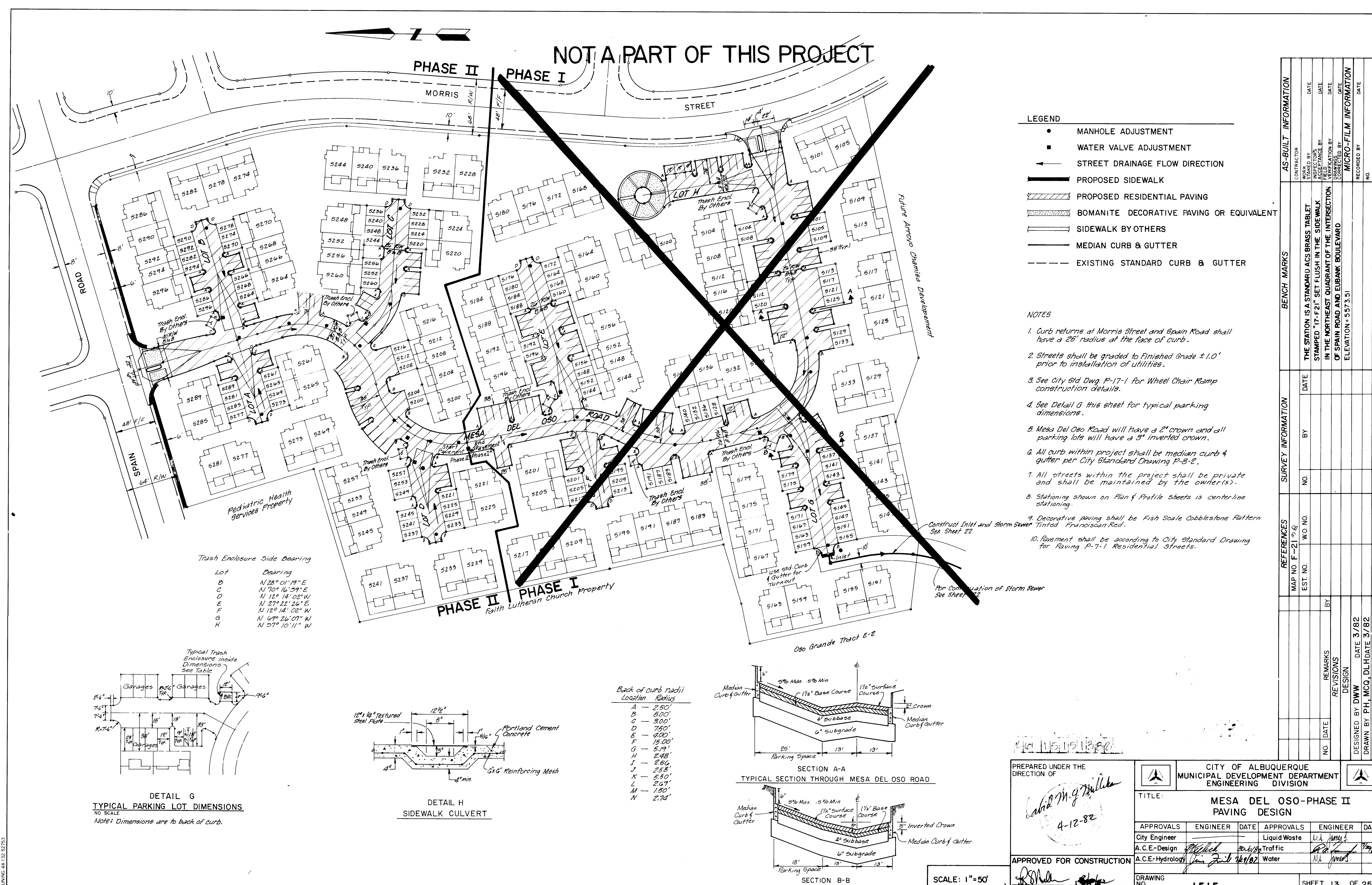
LEGEND

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

PREPARED UNDER THE DIRECTION OF <i>Carrie M. G. Miller</i> 4-12-82		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
TITLE: MESA DEL OSO-PHASE II SANITARY SEWER DESIGN			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer			Liquid Waste
A.C.E.-Design	<i>[Signature]</i>	3/26/82	Traffic
A.C.E.-Hydrology	<i>[Signature]</i>	7/27/82	Water
APPROVED FOR CONSTRUCTION <i>Richard S. Hill</i> 8/4/82 CITY ENGINEER		DATE	DESIGN DATE 3/82 DRAWN BY PH. CO CHECKED BY DM. TM
DRAWING NO. 1515		SHEET 11 OF 25	

SCALE: 1"=50'

REFERENCE 1514



LEGEND

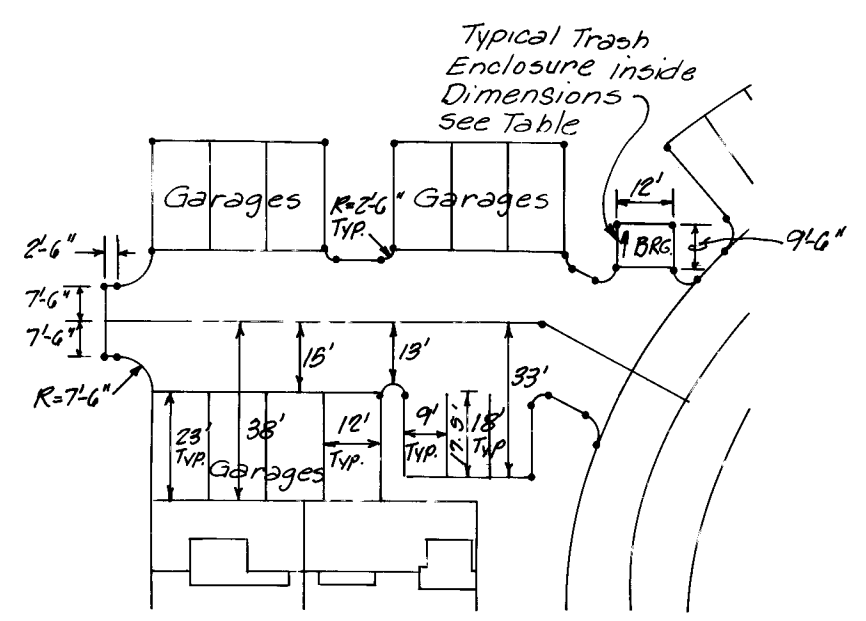
- MANHOLE ADJUSTMENT
- WATER VALVE ADJUSTMENT
- STREET DRAINAGE FLOW DIRECTION
- PROPOSED SIDEWALK
- PROPOSED RESIDENTIAL PAVING
- BOMANITE DECORATIVE PAVING OR EQUIVALENT
- SIDEWALK BY OTHERS
- MEDIAN CURB & GUTTER
- EXISTING STANDARD CURB & GUTTER

NOTES

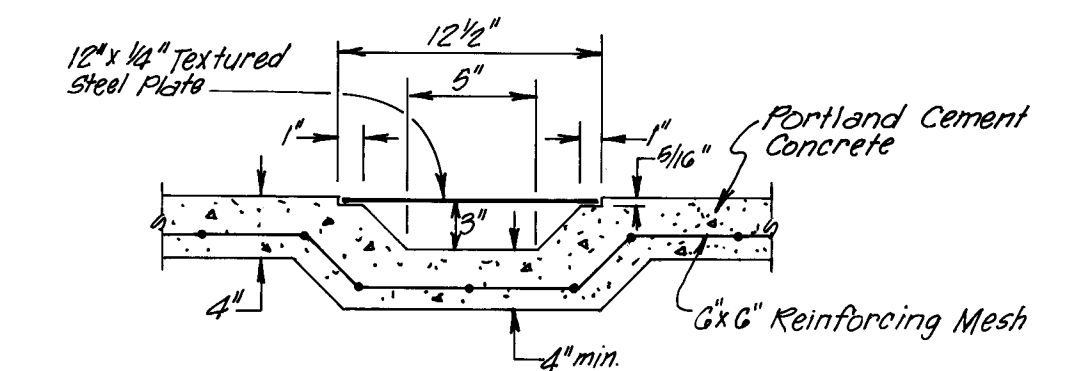
- Curb returns at Morris Street and Spain Road shall have a 25' radius at the face of curb.
- Streets shall be graded to Finished Grade $\pm 1.0'$ prior to installation of utilities.
- See City Std. Dwg. P-17-1 for Wheel Chair Ramp construction details.
- See Detail G this sheet for typical parking dimensions.
- Mesa Del Oso Road will have a 2" crown and all parking lots will have a 3" inverted crown.
- All curb within project shall be median curb & gutter per City Standard Drawing P-3-2.
- All streets within the project shall be private and shall be maintained by the owner(s).
- Stationing shown on Plan & Profile Sheets is centerline stationing.
- Decorative paving shall be Fish Scale Cobblestone Pattern.
- Ravement shall be according to City Standard Drawing for Paving P-7-1 Residential Streets.

Trash Enclosure Side Bearing

Lot	Bearing
B	N 28° 01' 19" E
C	N 70° 16' 59" E
D	N 12° 14' 02" W
E	N 27° 22' 26" E
F	N 12° 14' 02" W
G	N 69° 26' 07" W
H	N 57° 10' 11" W



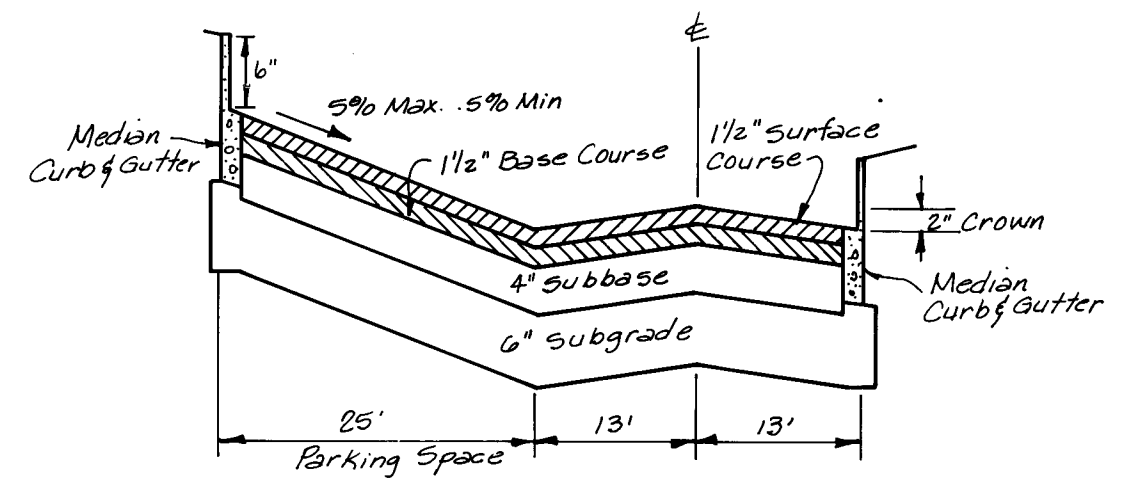
DETAIL G
TYPICAL PARKING LOT DIMENSIONS
NO SCALE
Note: Dimensions are to back of curb.



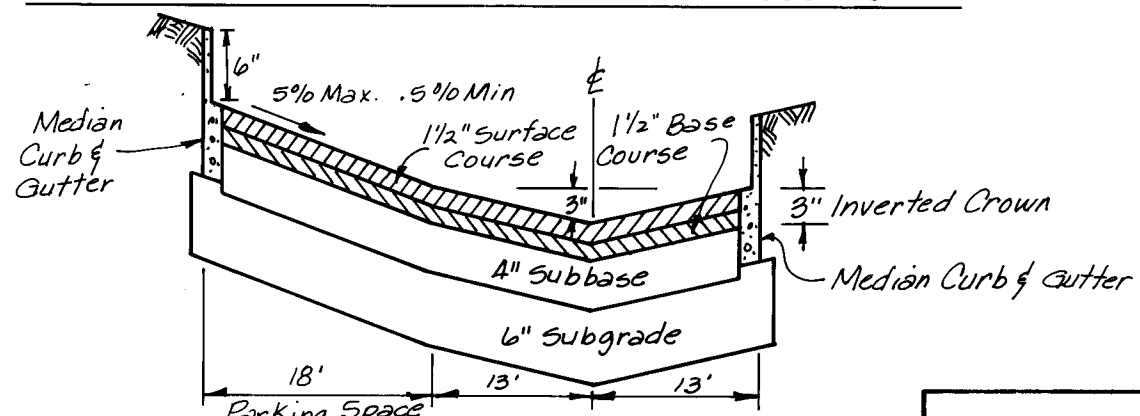
DETAIL H
SIDEWALK CULVERT

Back of curb radii

Location	Radius
A	2.50'
B	6.00'
C	3.00'
D	7.50'
E	4.00'
F	15.00'
G	5.19'
H	2.48'
I	2.66'
J	2.58'
K	6.50'
L	2.67'
M	1.80'
N	2.74'



SECTION A-A
TYPICAL SECTION THROUGH MESA DEL OSO ROAD



SECTION B-B
TYPICAL SECTION THROUGH PARKING LOT

SCALE: 1"=50'

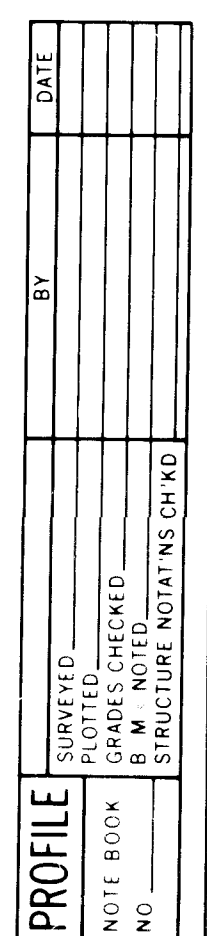
PREPARED UNDER THE DIRECTION OF
Carla M. G. Miller
4-12-82

APPROVED FOR CONSTRUCTION
[Signature]

CITY ENGINEER DATE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: MESA DEL OSO-PHASE II PAVING DESIGN			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer			Liquid Waste
A.C.E.-Design			Traffic
A.C.E.-Hydrology			Water
DESIGNED BY DW		DATE 3/82	
DRAWN BY PH, MCO, DLH		DATE 3/82	
CHECKED BY DM, DM		DATE 3/82	
DRAWING NO. 1515		SHEET 13 OF 25	

REFERENCE 1514



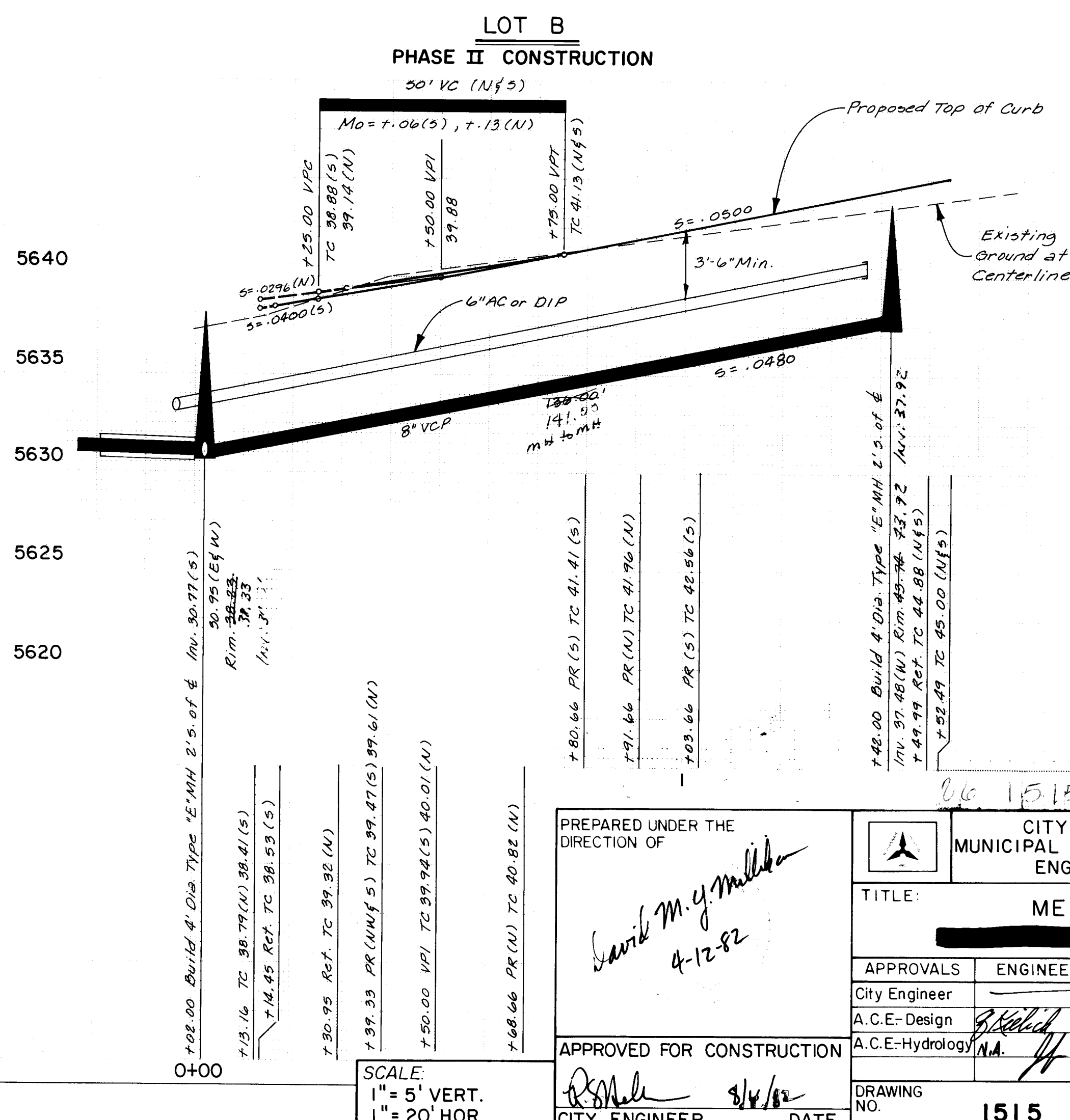
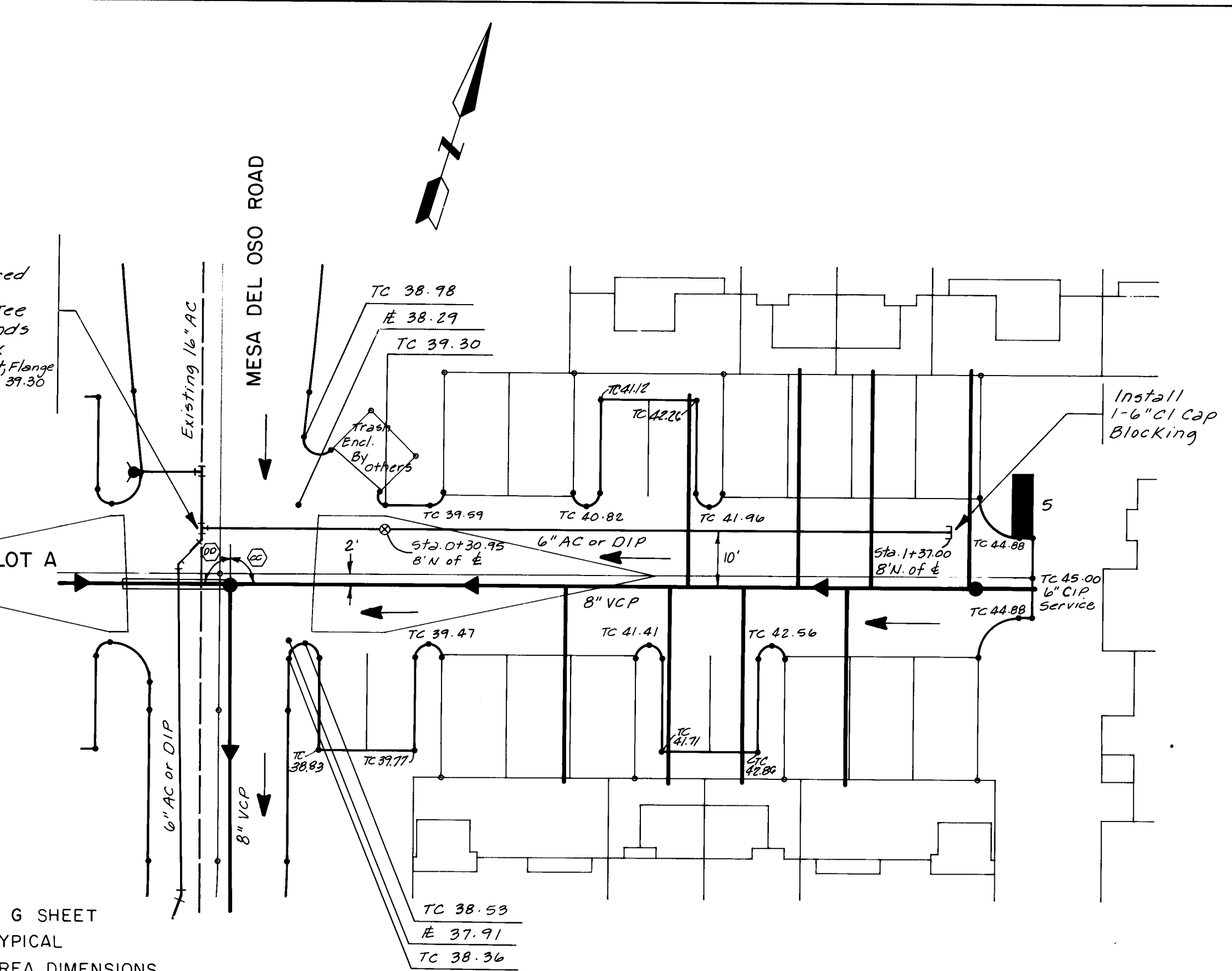
MESA DEL OSO ROAD
PHASE I & II CONSTRUCTION

Remove
Existing 16" CCP
as required
Install
1-16" to 6" CI Reducer
2-6"x6"x6" CI Tees
2-6" 45° CI Bends
1-6" Valve & Box
1-Fire Hydrant, Flange 39.30
Blocking

REFERENCES		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
MAP NO. F-21 38		DATE		CONTRACTOR		WORKS ORDER BY	
EST. NO.		W.O. NO.		NO.		BY	
NO.	DATE	REMARKS	BY	THE STATION IS A STANDARD ACS PRESS TABLE STAMPED "17-F21" SET FLUSH IN THE SIDEWALK IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF SPAIN ROAD AND EUBANK BOULEVARD ELEVATION = 5573.51			
DESIGNED BY DW		DATE	3/82	MICRO-FILM INFORMATION			
DRAWN BY PH		DATE	3/82				
CHECKED BY DMYM		DATE	3/82				
REVISIONS				RECORDED BY			
DESIGN				NO.			
				DATE			

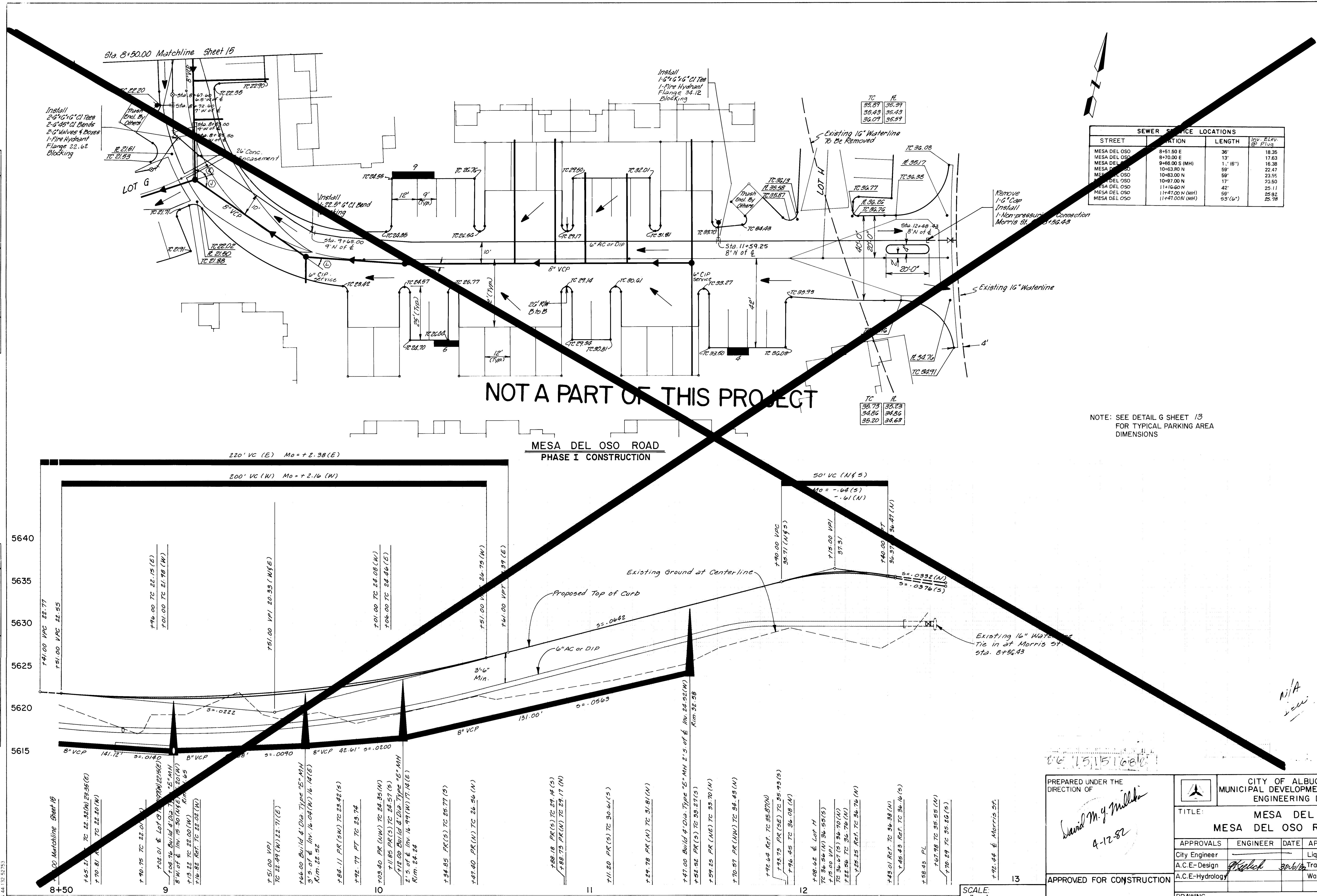
UERQUE DIVISION DEPARTMENT DIVISION			
OSO-2 PHASE II (NORTH)			
ROVALS d Waste ic r	ENGINEER <i>James J. Joplin</i> <i>J. J. Joplin</i> <i>James J. Joplin</i>	DATE 7-27-68 7-27-68 7-27-68	
SHEET 14 OF 25			

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	B. M. NOTED		
	STRUCTURE NOTATIONS CHECKED		

[illegible]

PLAN	DATE	BY
SURVEYED		
NOTED		
CHECKED		
DATE		

PROFILE	DATE	BY
SURVEYED		
NOTED		
CHECKED		
DATE		



STREET	LOCATION	LENGTH	Inv. Elev. @ PVI
MESA DEL OSO	8+51.50 E	36'	19.35
MESA DEL OSO	8+70.00 E	13'	17.63
MESA DEL OSO	9+66.00 S (MH)	1' (6")	16.38
MESA DEL OSO	10+43.80 N	59'	22.47
MESA DEL OSO	10+83.00 N	59'	23.55
MESA DEL OSO	10+97.00 N	17'	23.50
MESA DEL OSO	11+16.60 N	42'	25.11
MESA DEL OSO	11+41.00 N (MH)	59'	25.82
MESA DEL OSO	11+41.00 N (MH)	53' (6")	25.78

NOTE: SEE DETAIL G SHEET 13
FOR TYPICAL PARKING AREA
DIMENSIONS

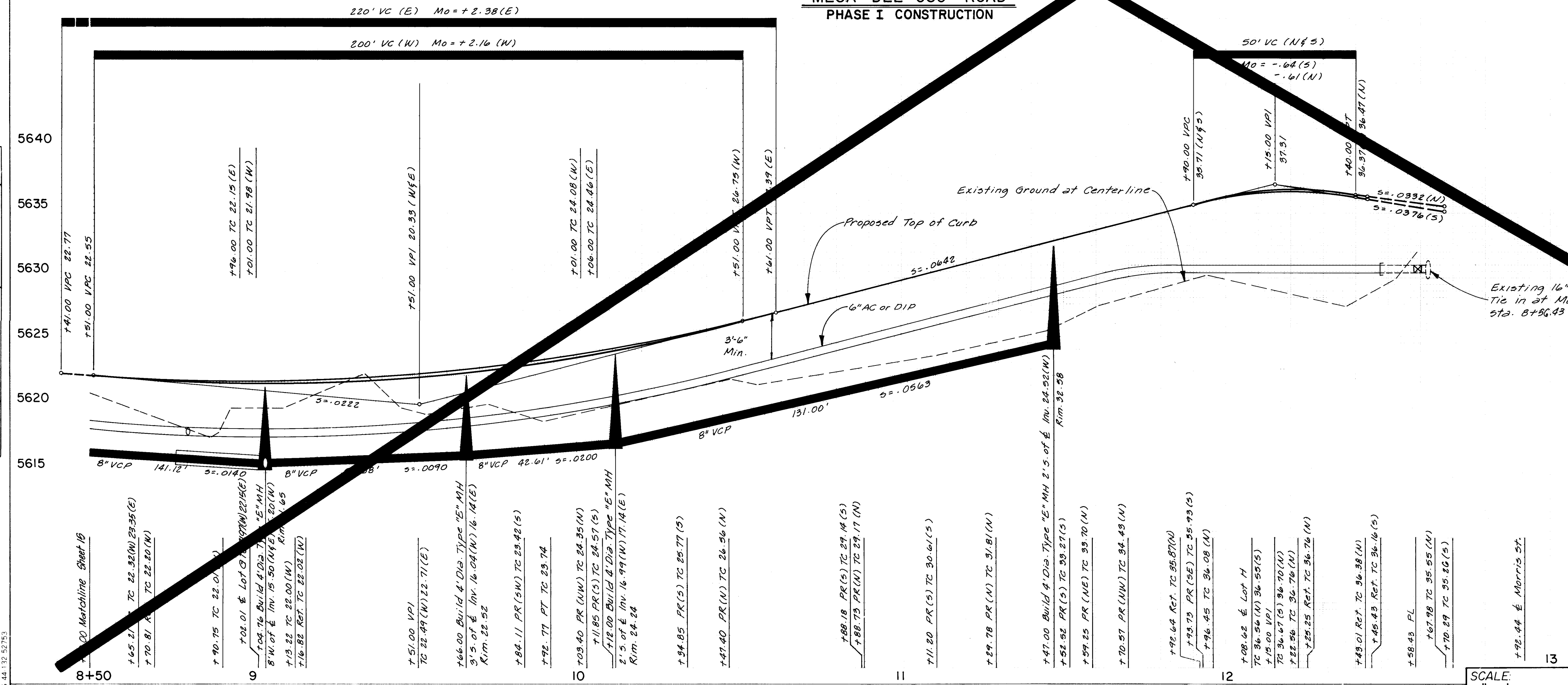


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

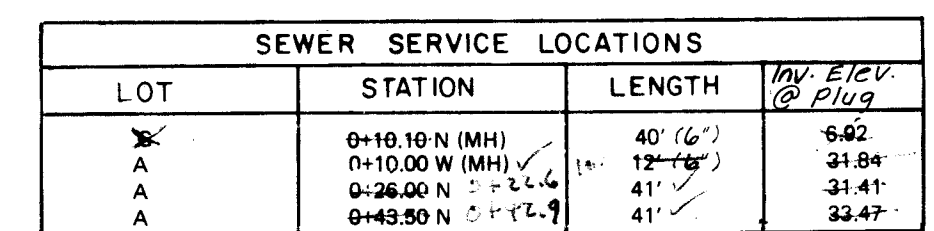
SCALE:
1" = 5' VERT.
1" = 20' HOR.

PREPARED UNDER THE
DIRECTION OF
David M. J. Miller
4-12-82

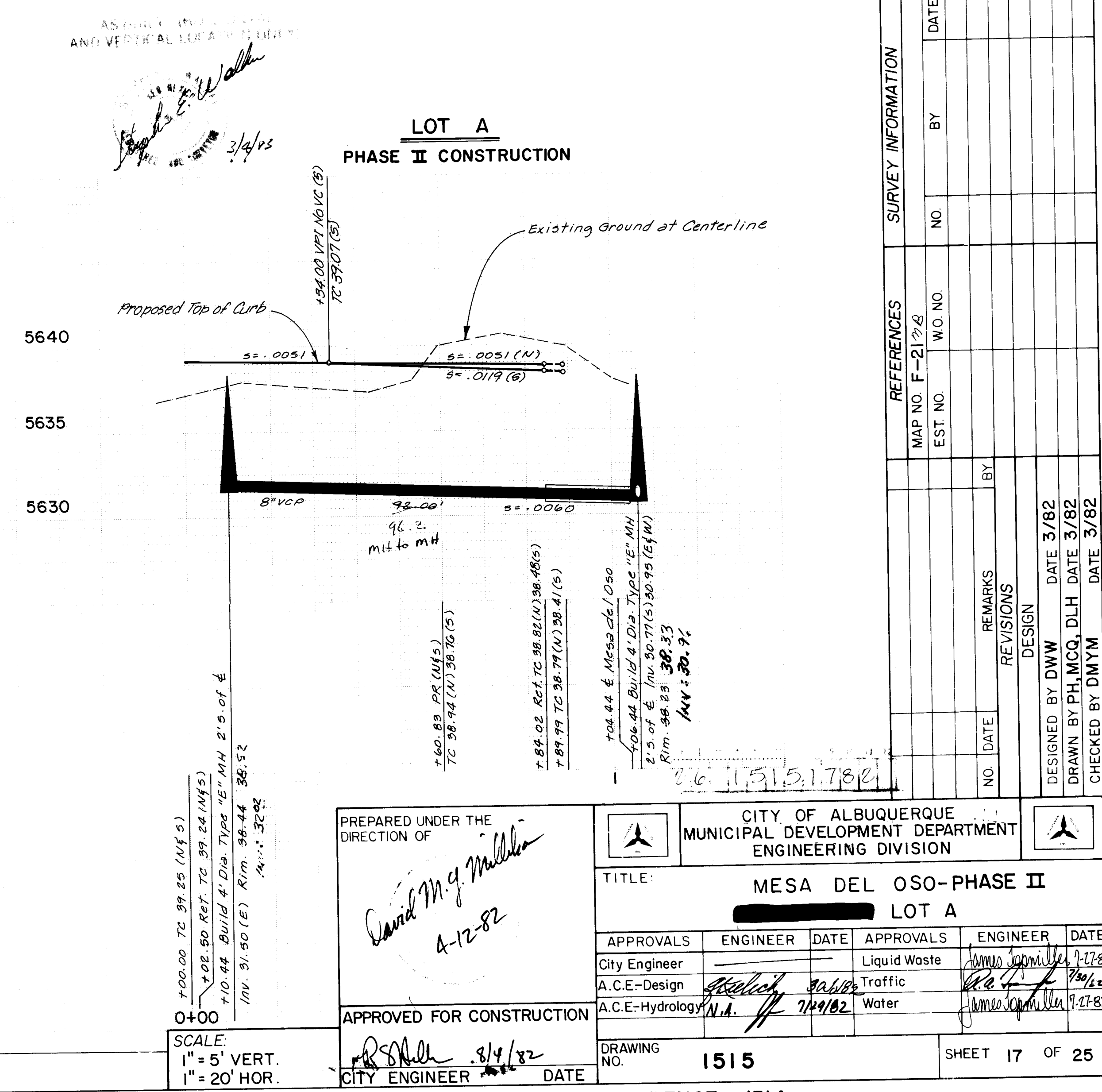
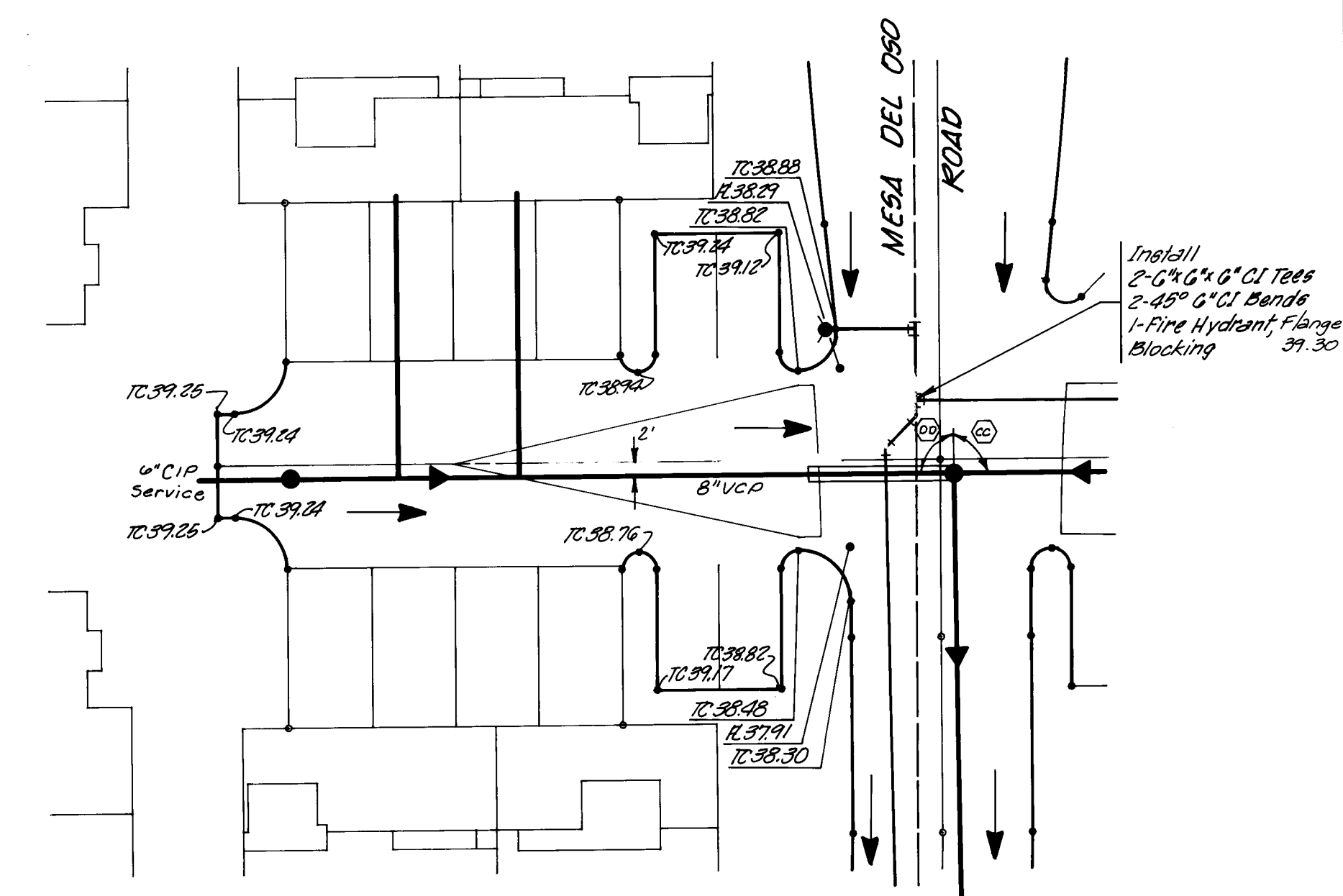
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: MESA DEL OSO-PHASE II MESA DEL OSO ROAD (SOUTH)					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	<i>James J. Miller</i>	7-27-82
A.C.E.-Design	<i>Michael</i>	3/16/82	Traffic	<i>J.A.</i>	
A.C.E.-Hydrology			Water	<i>James J. Miller</i>	7-27-82
DRAWING NO. 1515			SHEET 16 OF 25		
APPROVED FOR CONSTRUCTION			CITY ENGINEER DATE		

AS-BUILT INFORMATION	BENCH MARKS	SURVEY INFORMATION	REFERENCES	REVISIONS	DESIGN
CONTRACTOR	THE STATION IS A STANDARD ACS BRASS TABLET STAMPED "17-F21 SET FLUSH IN THE SIDEWALK IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF SPAIN ROAD AND EUBANK BOULEVARD ELEVATION = 5573.51"	MAP NO. F-21	EST. NO.	NO.	DESIGNED BY DWV DATE 3/82 DRAWN BY PH, MCQ, DLH DATE 3/82 CHECKED BY DMV DATE 3/82
WORKED BY		DATE	BY	NO.	DATE
INSPECTED BY					
ACCEPTANCE BY					
DATE					
VERIFIED BY					
DATE					
DRAWINGS					
CHECKED BY					
DATE					
RECORDED BY					
NO.					

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	B M NOTED		



NOTE: SEE DETAIL G SHEET 13
FOR TYPICAL PARKING AREA
DIMENSIONS



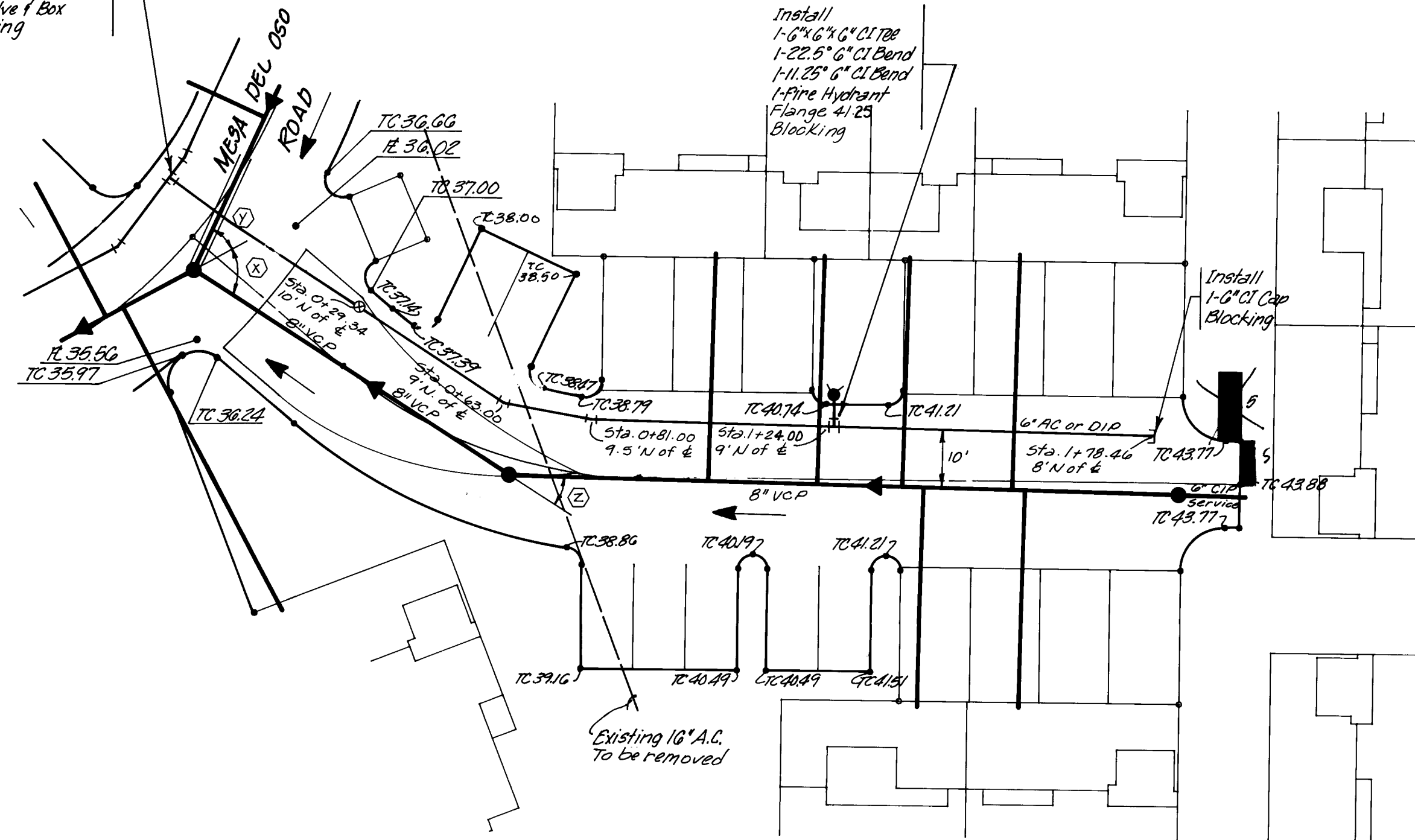
APPROVALS liquid Waste affice water ENGINEER <i>James J. McQuinn</i> DATE 7-17-82									
LOT A OSO-PHASE II									
DIQUERQUE MENT DEPARTMENT DIVISION									
REVISIONS DESIGN DESIGNED BY DWW DATE 3/82									
NO. DATE REMARKS BY									
REFERENCES MAP NO. F-21 76 EST NO. W.O. NO.									
SURVEY INFORMATION DATE									
BENCH MARKS THE STATION IS A STANDARD ACS BRASS TABLET STAMPED "17-F21" SET FLUSH IN THE SIDEWALK IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF SPAIN ROAD AND EUBANK BOULEVARD ELEVATION = 5573.51									
AS-BUILT INFORMATION CONTRACTOR INSPECTOR'S STAKED BY FIELD VERIFICATION BY CORRECTED BY DATE DATE DATE DATE DATE DATE									
MICRO-FILM INFORMATION RECORDED BY NO. DATE									
SHEET 17 OF 25									

PLAN	DATE	BY
SURVEYED		
NOTED		
NOTE BOOK		
NO		

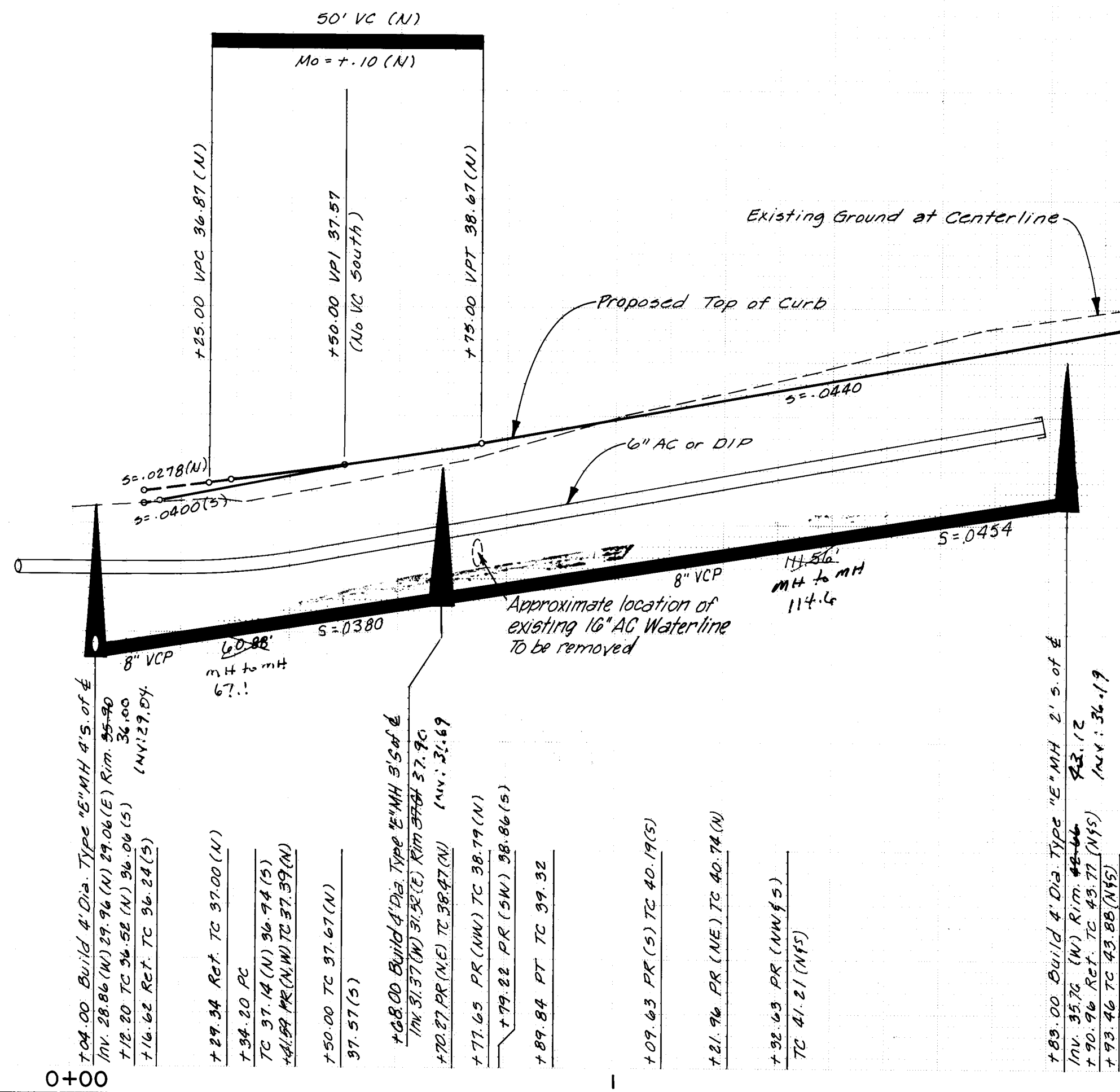
PROFILE	DATE	BY
SURVEYED		
NOTED		
NOTE BOOK		
NO		

BRUNING 44 132 52753

Install
1-22.5" G" CI Bend
1-11.25" G" CI Bend
1-5" x 6" x 6" CI Tee
1-5" Valve & Box
Blocking

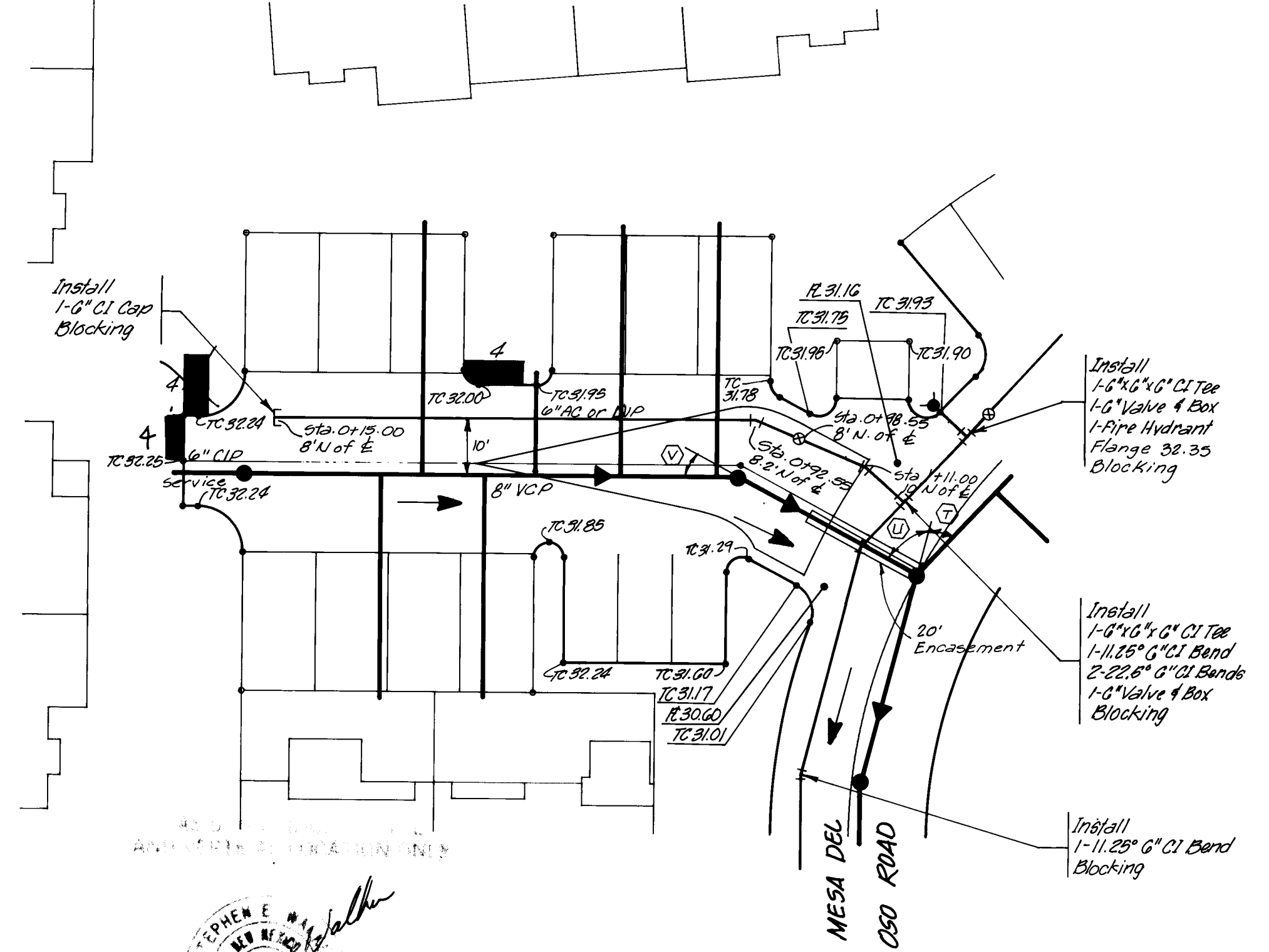


LOT C
PHASE II CONSTRUCTION

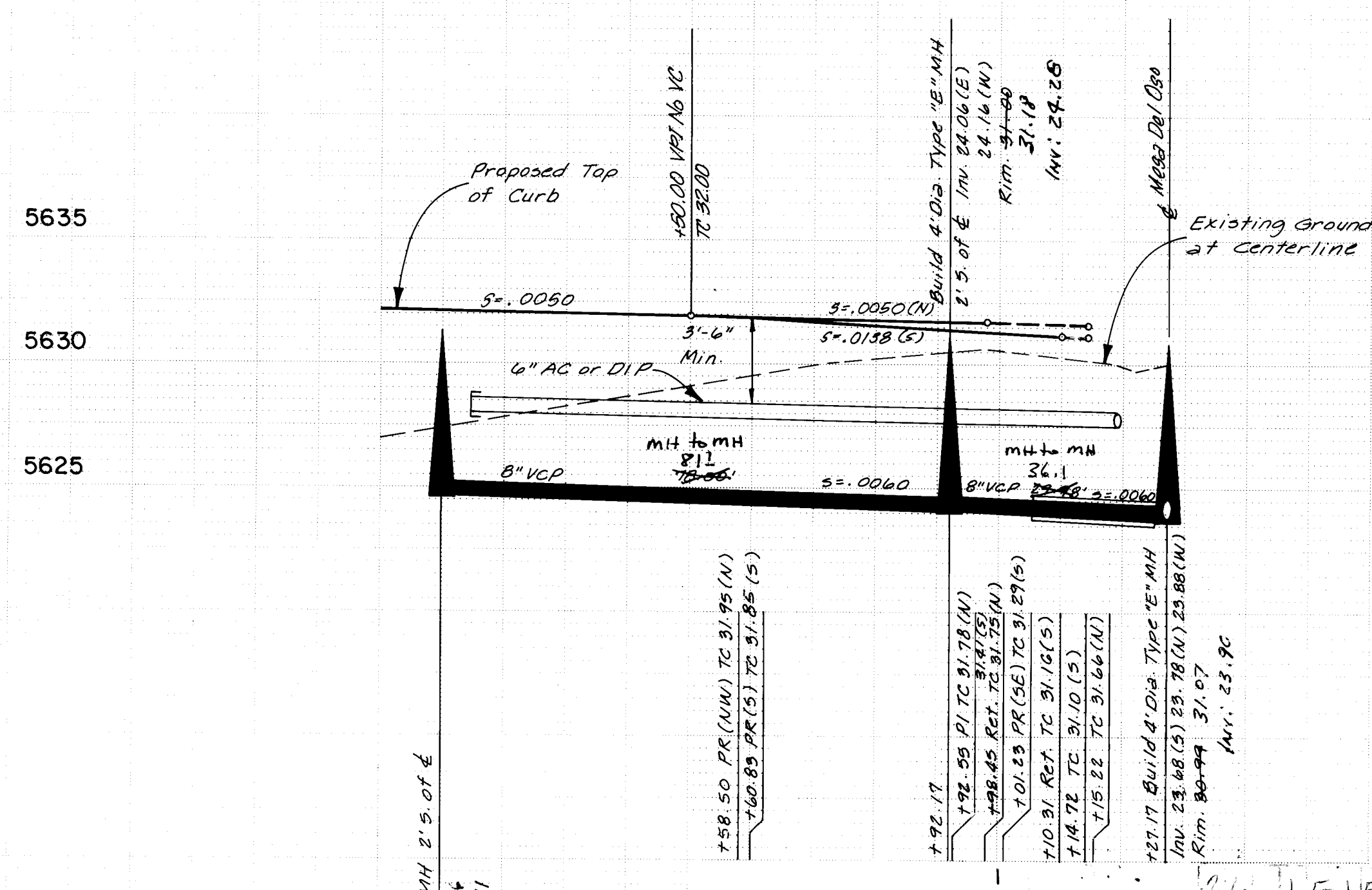


SEWER SERVICE LOCATIONS			
LOT	STATION	LENGTH	Inv. Elev. @ Plug
1	1+02.00 N	40'	34.89
2	1+20.50 N	40'	35.59
3	1+35.00 N	41'	36.16
4	1+38.80 S	38'	35.24
5	1+54.00 N	41'	36.88
6	1+66.00 S	38'	36.91
7	1+83.00 E (MH)	12' (6")	36.13
8	0+10.17 W (MH)	12' (6")	24.98
9	0+33.00 S	37'	26.00
10	0+39.50 N	42'	26.55
11	0+50.00 S	37'	26.49
12	0+58.20 N	17'	26.04
13	0+72.20 N	42'	26.40
14	0+88.20 N	42'	26.36

NOTE: SEE DETAIL G SHEET
13 FOR TYPICAL
PARKING AREA DIMENSIONS



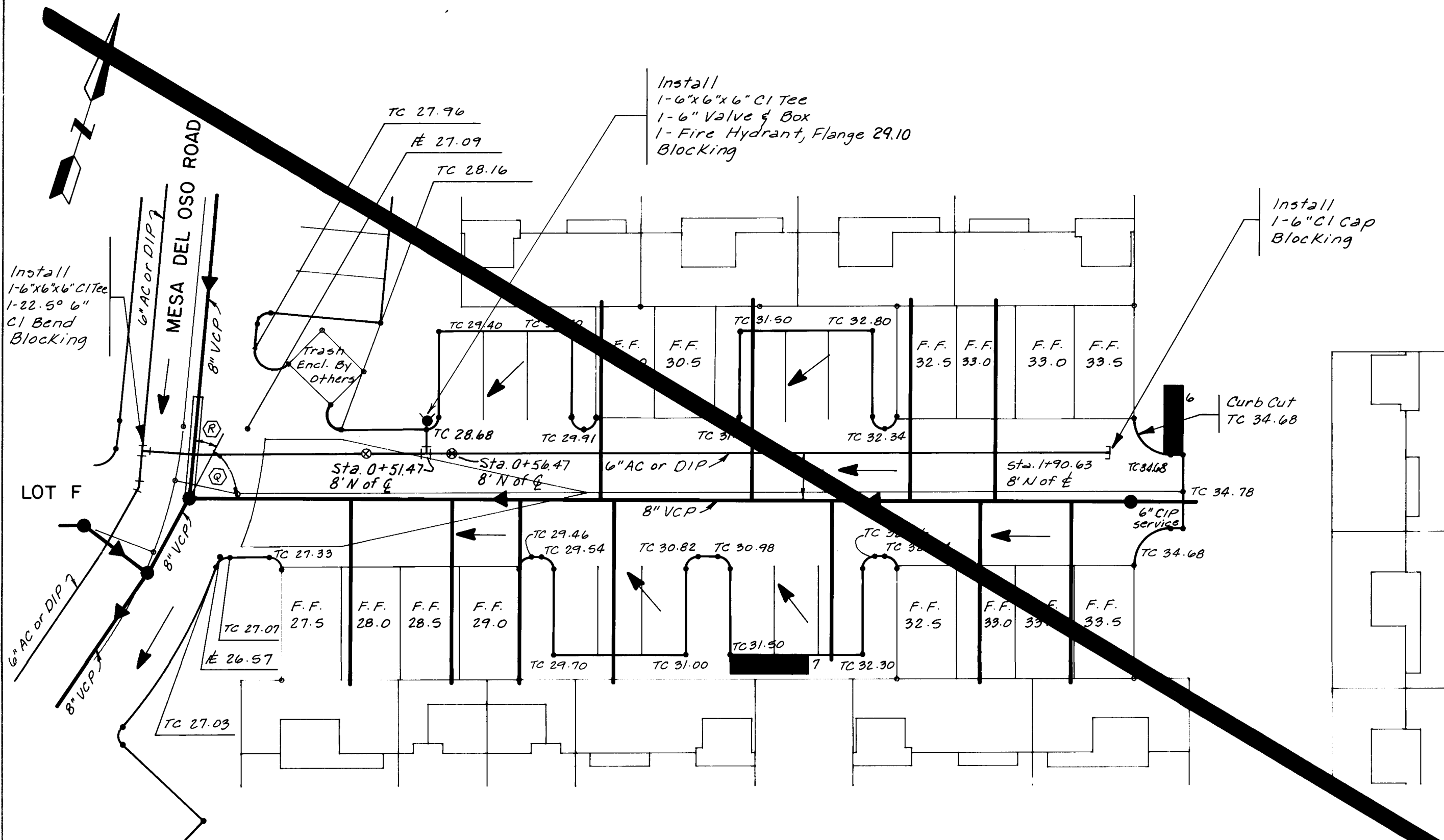
LOT D
PHASE II CONSTRUCTION



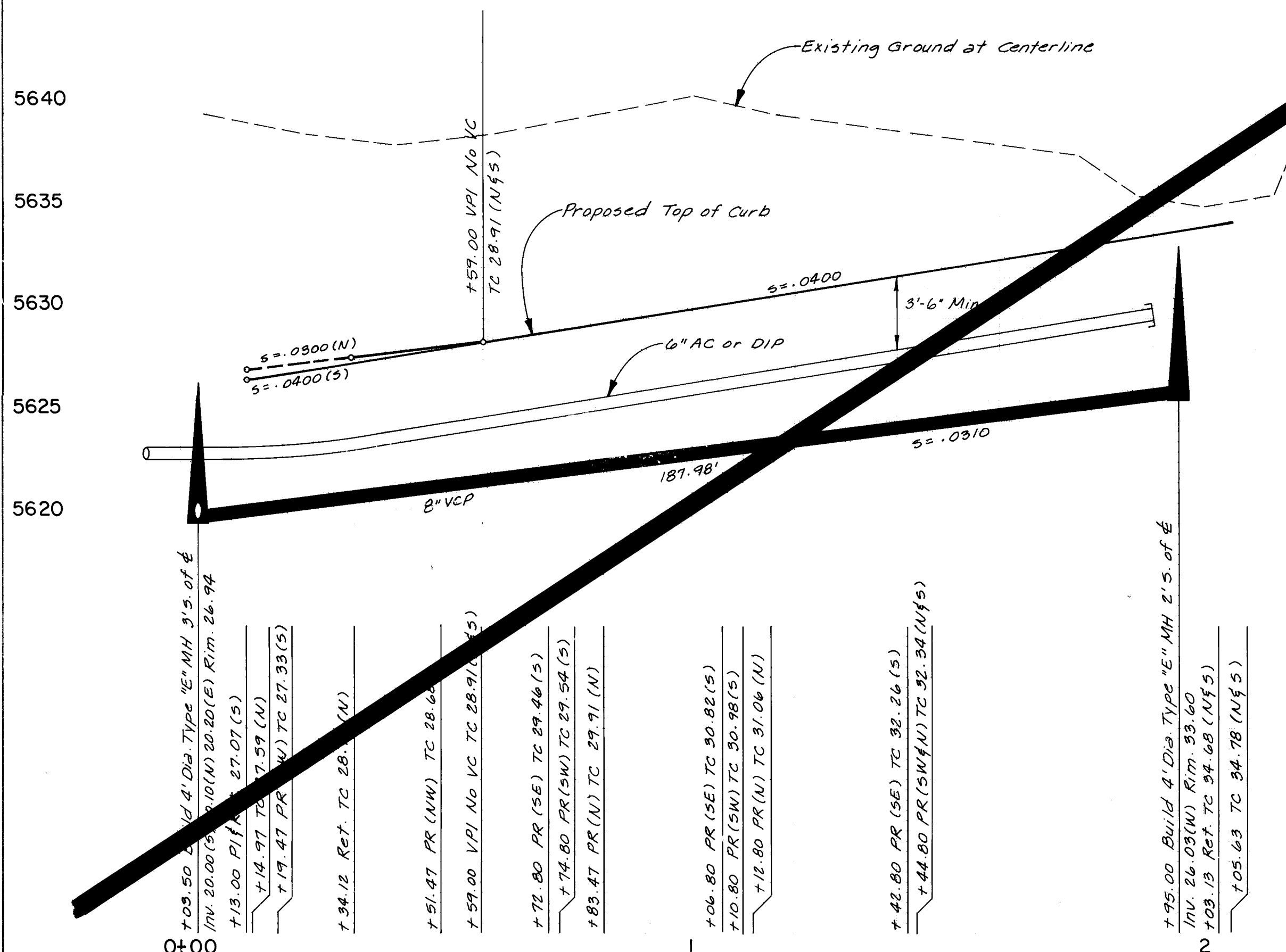
PREPARED UNDER THE DIRECTION OF <i>David M. G. Sullivan</i> 4-12-82		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION	
TITLE: MESA DEL OSO - PHASE II LOT C AND LOT D			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer			Liquid Waste
A.C.E. Design			Traffic
A.C.E.-Hydrology			Water
APPROVED FOR CONSTRUCTION <i>R. Sullivan</i> CITY ENGINEER		DATE 3/8/82	
DRAWING NO. 1515		SHEET 18 OF 25	

PLAN	DATE	BY	DATE
DESIGNED			
CHECKED			
APPROVED			
NOTED			

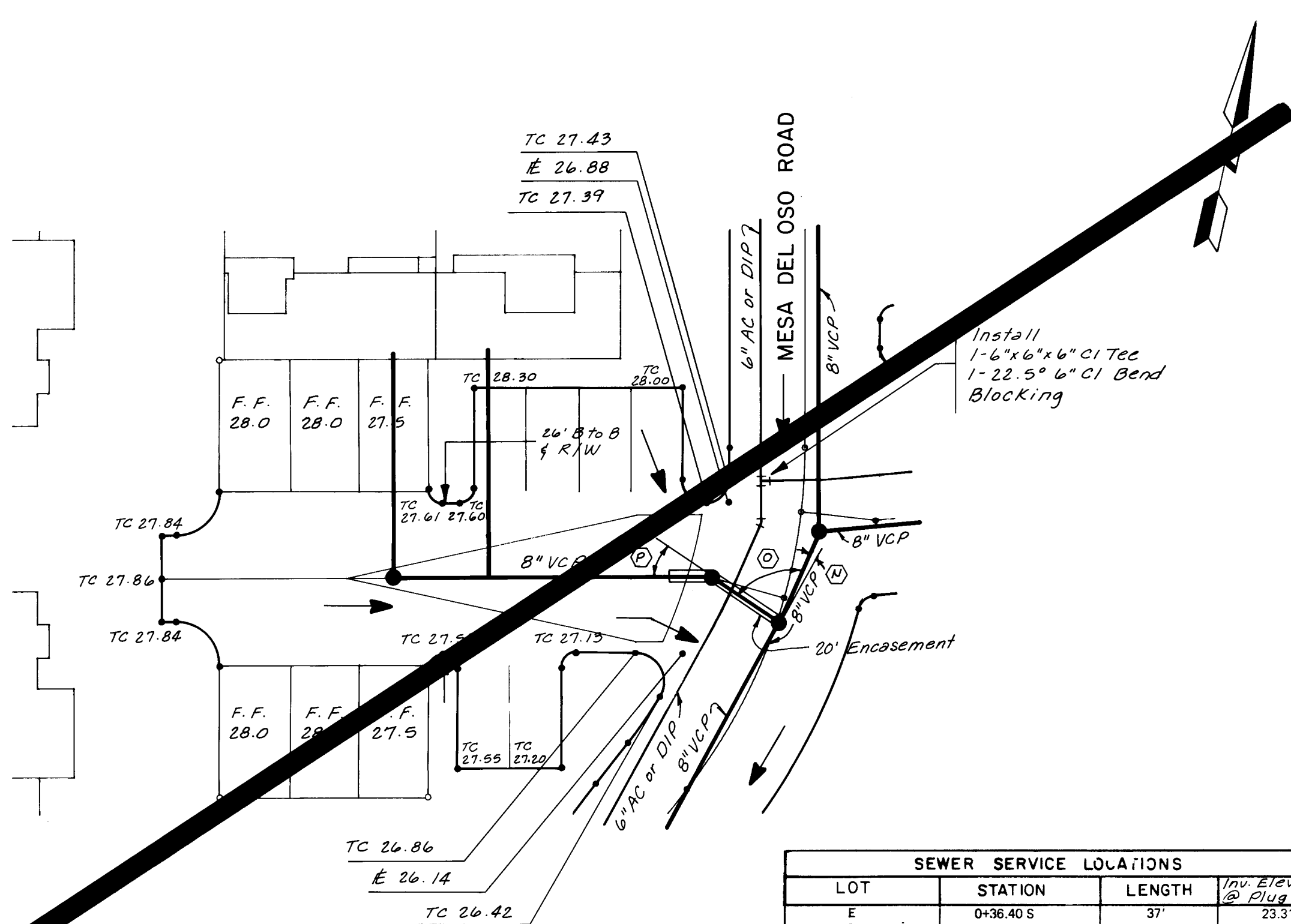
PROFILE	DATE	BY	DATE
DESIGNED			
CHECKED			
APPROVED			
NOTED			



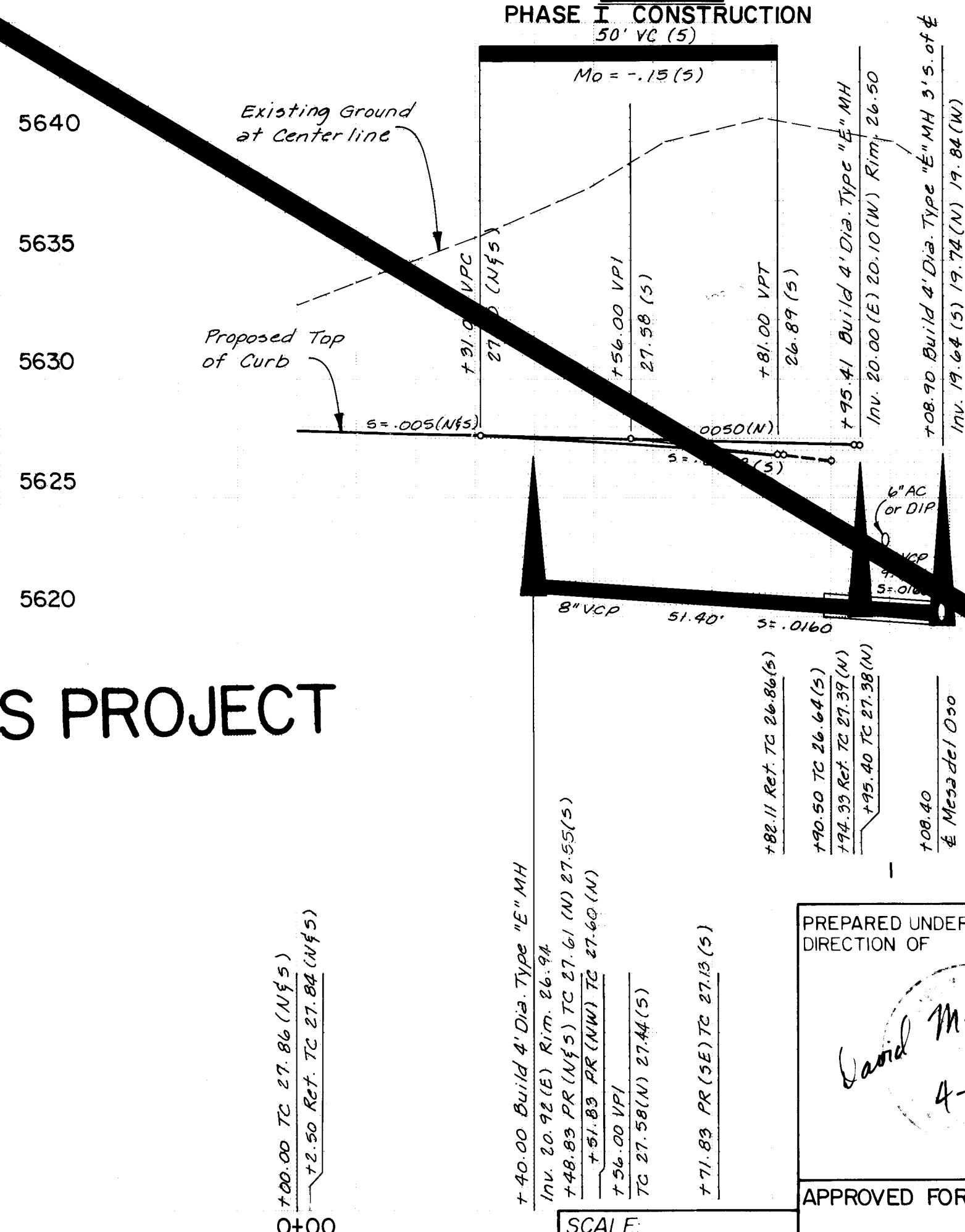
LOT E
PHASE I CONSTRUCTION



NOT A PART OF THIS PROJECT



LOT F
PHASE I CONSTRUCTION



SEWER SERVICE LOCATIONS			
LOT	STATION	LENGTH	Inv. Elev. @ Plug
E	0+36.40 S	37'	23.31
E	0+57.00 S	37'	23.95
E	0+70.90 S	37'	24.38
E	0+87.00 N	42'	24.98
E	0+90.00 S	37'	24.57
E	1+18.00 N	42'	25.94
E	1+34.00 S	37'	26.34
E	1+50.00 N	42'	26.93
E	1+64.50 S	37'	27.28
E	1+67.20 N	42'	27.46
E	1+83.00 S	37'	27.85
E	1+95.00 E (M.H.)	12' (4')	27.48
F	0+40.00 N (M.H.)	42'	21.82
F	0+57.00 N	42'	22.84

PREPARED UNDER THE
DIRECTION OF
David M. J. Miller
4-12-82

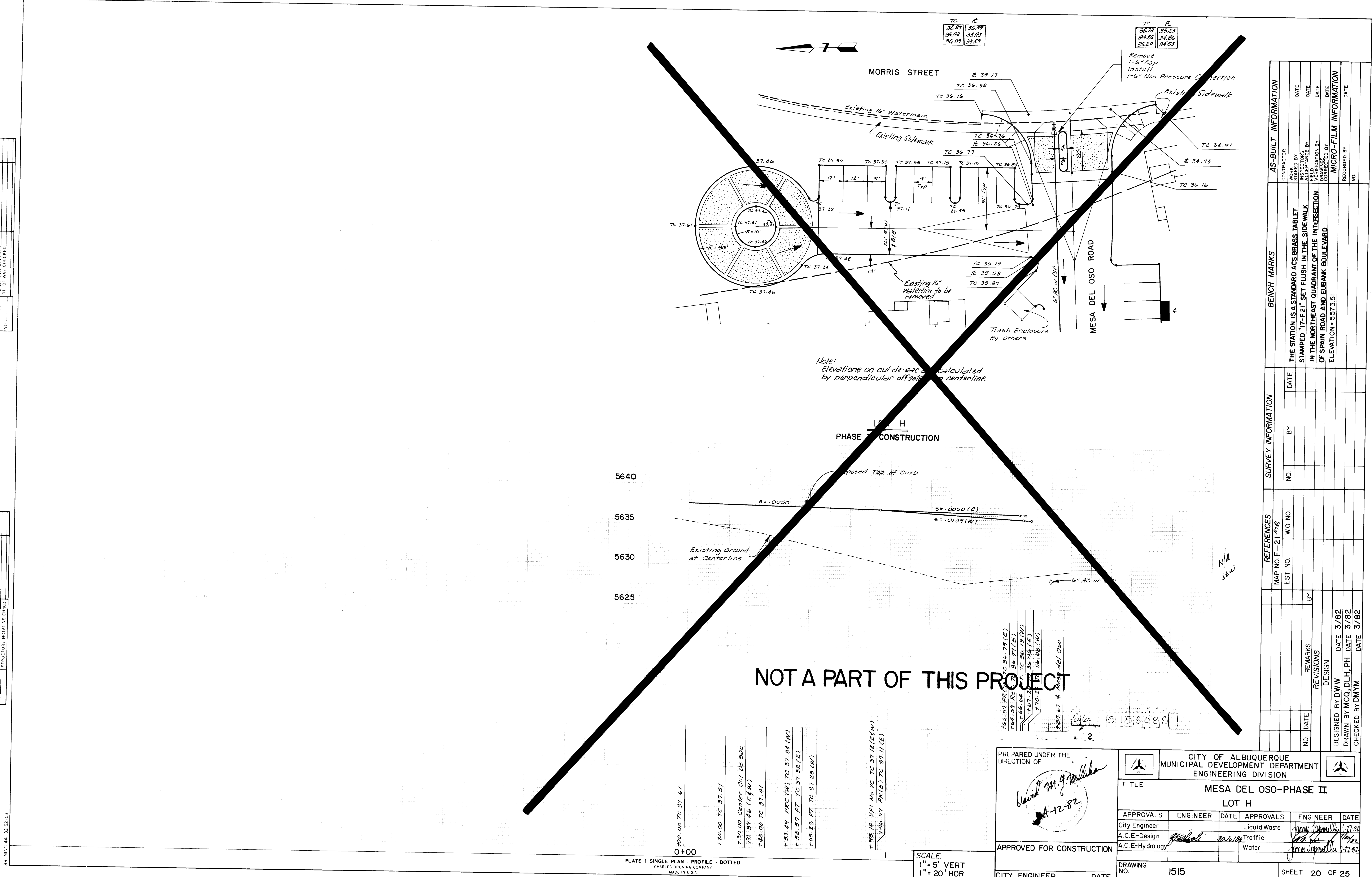
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: MESA DEL OSO-PHASE II LOT E AND LOT F					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		
DRAWING NO. 1515 SHEET 19 OF 25					

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				REFERENCES			
CONTRACTOR	WORK	STARTED BY	DATE	THE STATION IS A STANDARD ACS BRASS TABLET	DATE	BY	NO.	MAP NO. F-21728	EST. NO.	W.O. NO.	DATE	DESIGNED BY	DATE	CHECKED BY	DATE
	ACCEPTANCE BY			STAMPED "17-F21" SET FLUSH IN THE SIDE WALK								DWV	3/82	MCQ, PH, DLH	3/82
	FIELD			IN THE NORTHEAST QUADRANT OF THE INTERSECTION								REVISIONS		DMY	3/82
	DRAWING			OF SP2 IN ROAD AND EUBANK BOULEVARD								DESIGN			
	CORRECTED BY			ELEVATION = 5573.51											
	RECORDED BY														
	NO.														

PLAN	SURVEYED	BY	DATE
	NOTE BOOK		
	ALIGNMENT CHECKED		
	RT OF WAY CHECKED		

PROFILE	SURVEYED	BY	DATE
	NOTE BOOK		
	B.M. NOTED		
	STRUCTURE NOTATIONS CHKD		

BRUNING 44 132 52753

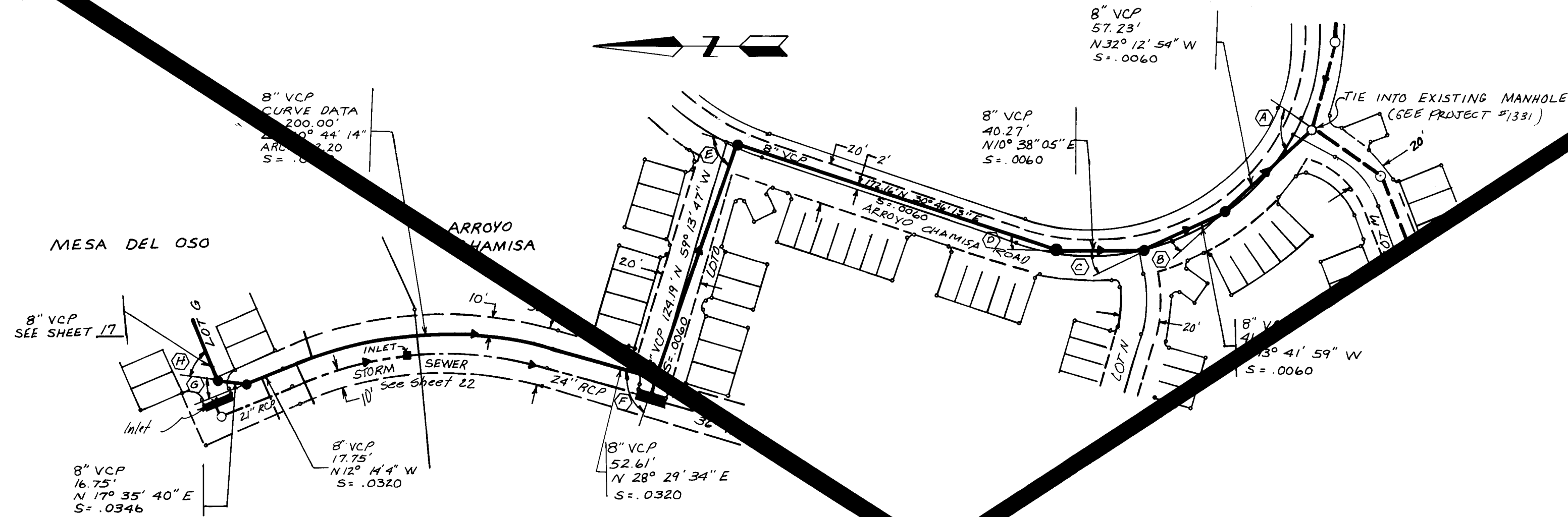


AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				REFERENCES			
CONTRACTOR	STARTED BY	DATE		NO	BY	DATE		MAP NO F-21	EST. NO.	W.O. NO.	NO	BY	DATE		
THE STATION IS A STANDARD ACS BRASS TABLE STAMPED "17-F 2" SET FLUSH IN THE SIDEWALK IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF SPAIN ROAD AND EURANK BOULEVARD ELEVATION = 5573.51															
MICRO-FILM INFORMATION															
RECORDED BY	NO.	DATE													
DESIGNED BY DW	DATE 3/82														
DRAWN BY MCG, DLH, PH	DATE 3/82														
CHECKED BY DYM	DATE 3/82														

PLAN	SURVEYED	DATE
	NOTED	BY
NOTE BOOK	PLANNED	DATE
	NOTED	BY

PROFILE	SURVEYED	DATE
	NOTED	BY
NOTE BOOK	PLANNED	DATE
	NOTED	BY

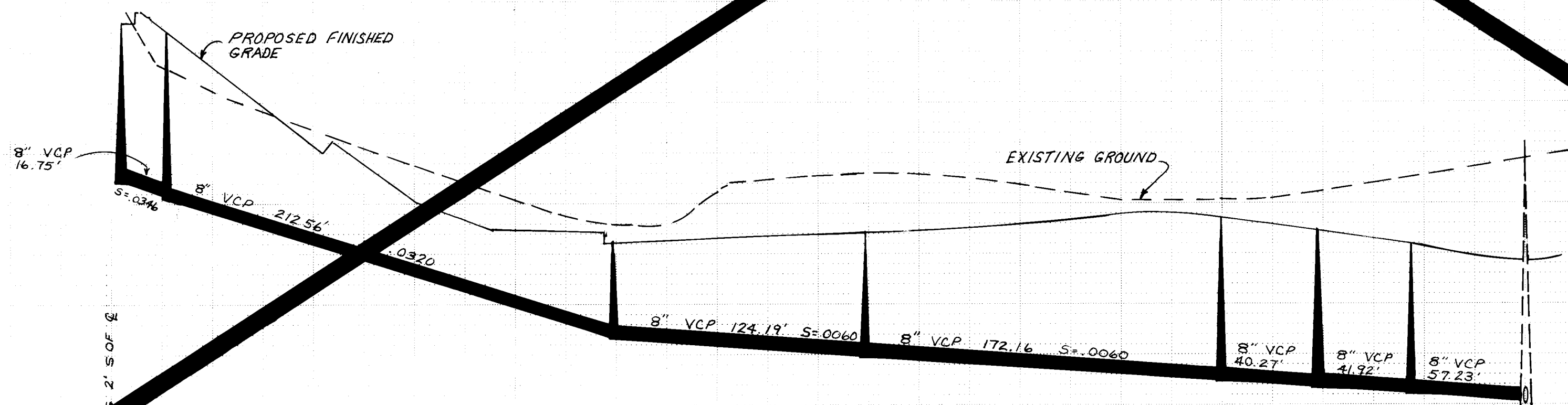
SEWER SERVICE LOCATIONS			
LOCATION	STATION	LENGTH	IN. Elev.
SOUTHEAST EASEMENT	6+37.00 E	11'	4.45
SOUTHEAST EASEMENT	6+47.00 W	4'	4.9'
SOUTHEAST EASEMENT	6+67.00 W	2'	5.60



Sanitary Sewer Line Deflections	
Location	Deflection
A	78°10'03" Lt.
B	18°30'55" Rt.
C	24°20'04" Rt.
D	20°08'08" Rt.
E	90°00'00" Lt.
F	87°43'21" Rt.
G	29°49'44" Rt.
H	60°13'44" Rt.

NOTES: 1. Stationing is on the Center Line of the Pipe.
2. Easements shall Be Dedicated Prior To Construction.

OFF SITE SANITARY SEWER
PHASE I CONSTRUCTION



NOT A PART OF THIS PROJECT

7+00.00 4" DIA. MH TYPE E EQUATION STA. 0+10.00 LONG. 2' S OF E

INV. 612.16 (S) RIM 13.79

4+48.38 4" DIA. MH TYPE E

INV. 105.19 (S) RIM 13.50

4+59.63 PT

INV. 104.62

4+74.3 PC

INV. 100.07

4+52.82 4" DIA. MH TYPE C

INV. 98.20 (S) RIM 12.56

4+21.58 4" DIA. MH TYPE E

INV. 97.25 (S) RIM 12.41

4+51.42 4" DIA. MH TYPE E

INV. 96.12 (S) RIM 12.41

4+07.15 4" DIA. MH TYPE E

INV. 95.77 (S) RIM 12.19

4+16.23 4" DIA. MH TYPE E

INV. 95.42 (S) RIM 12.34

4+00.00 EXISTING 4" DIA. MH TYPE E

INV. 95.08 (WFE) RIM 12.00

PREPARED UNDER THE
DIRECTION OF

David Myrland
4-12-82

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

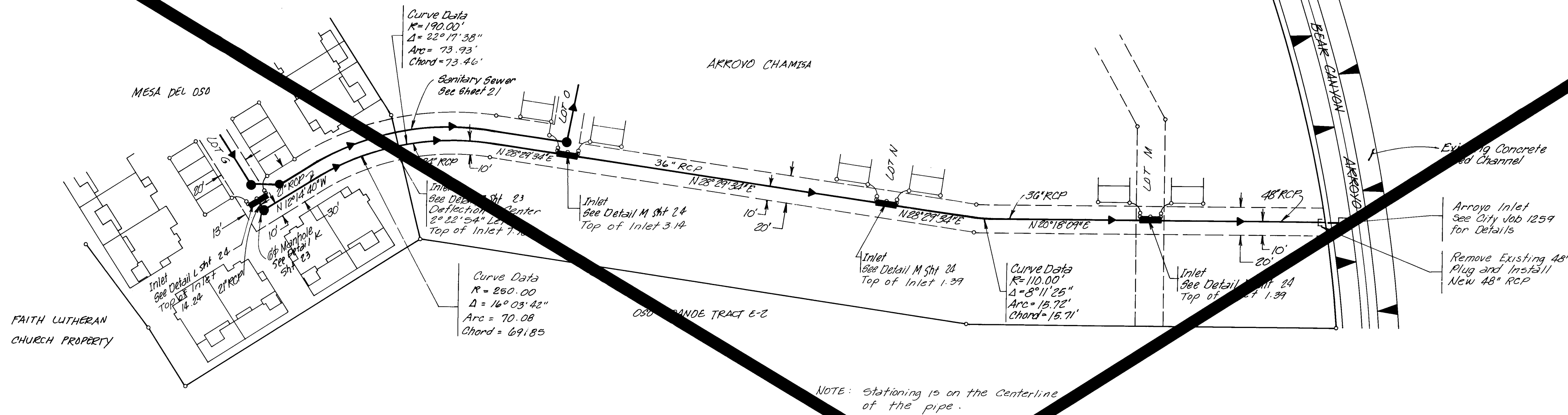
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: MESA DEL OSO-PHASE II
OFF SITE SANITARY SEWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		7-27-82
A.C.E.-Design			Water		7-27-82
A.C.E.-Hydrology					

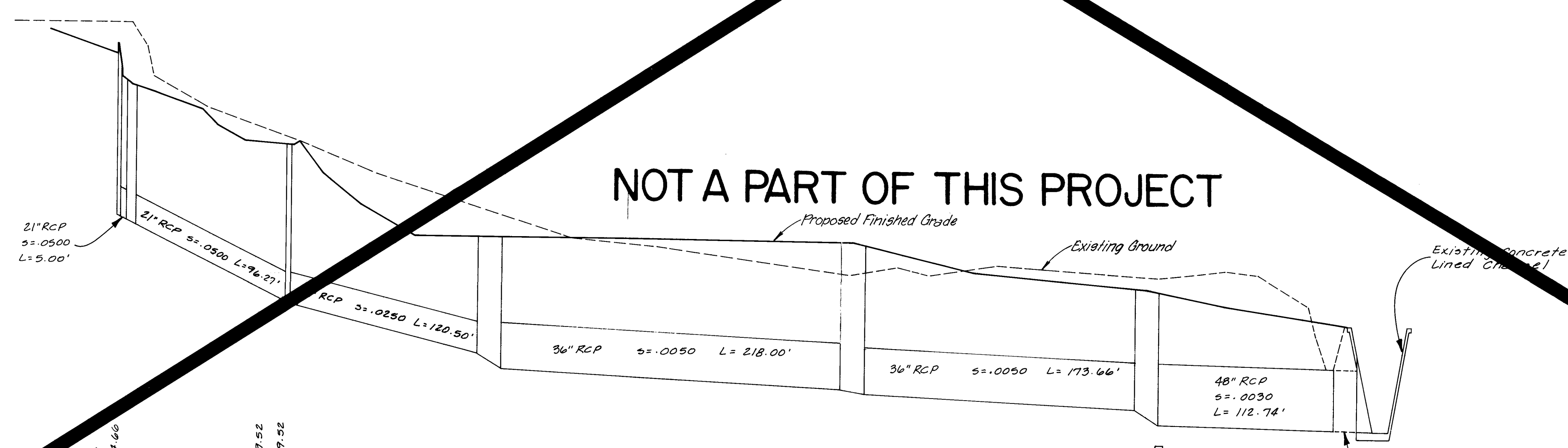
DRAWING NO. 1515 SHEET 21 OF 25

REFERENCE 1514



STORM SEWER
PHASE II CONSTRUCTION

NOT A PART OF THIS PROJECT



9	8	7	6	5+00	4	3	2	1	0+00
7+12.27 End Inlet Inv. 03.26 7+08.27 Begin Inlet Inv. 03.16 TP 04.91 7+05.27 End 6" Dia. MH Inv. 02.97 TP 04.66 7+99.27 Begin 6" Dia. MH Rim 14.50 Inv. 02.61 TP 04.36 7+71.08 PT Inv. 01.23 TP 02.98	7+03.00 End Grate Inlet Inv. 97.77 TP 99.52 7+00.00 Begin Grate Inlet Inv. 97.82 TP 99.52 7+98.41 RL Inv. 97.38 TP 99.35 7+80.00 Inv. 97.02 TP 99.02	7+27.57 RL Inv. 95.73 TP 97.73	7+79.50 End Inlet Inv. 94.51 TP 96.51 7+72.00 RL Inv. 94.51 TP 96.51 7+64.50 Begin Inlet Inv. 93.51 TP 94.51	7+46.50 End Inlet Inv. 92.42 TP 94.42 7+39.00 RL Inv. 92.42 TP 94.42 7+31.50 Begin Inlet Inv. 91.42 TP 92.42	7+81.43 PT Inv. 91.94 TP 94.94 7+65.71 RL Inv. 91.84 TP 94.86	7+57.84 End Inlet Inv. 91.32 TP 94.32 7+50.34 RL Inv. 91.32 TP 94.32 7+42.84 Begin Inlet Inv. 90.32 TP 94.32	7+30.20 End Existing 48" RCP Inv. 90.10 7+21.23 RL	7+00.00 6" Bear Canyon Arroyo E. 89.94 W. 93.75 TP 93.96	

David M. Miller
4-12-82

MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

MESA DEL OSO-PHASE II
STORM SEWER DESIGN

City Engineer	A.C.E.-Design	A.C.E.-Hydrology	Liquid Waste	Traffic	Water
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE 1515

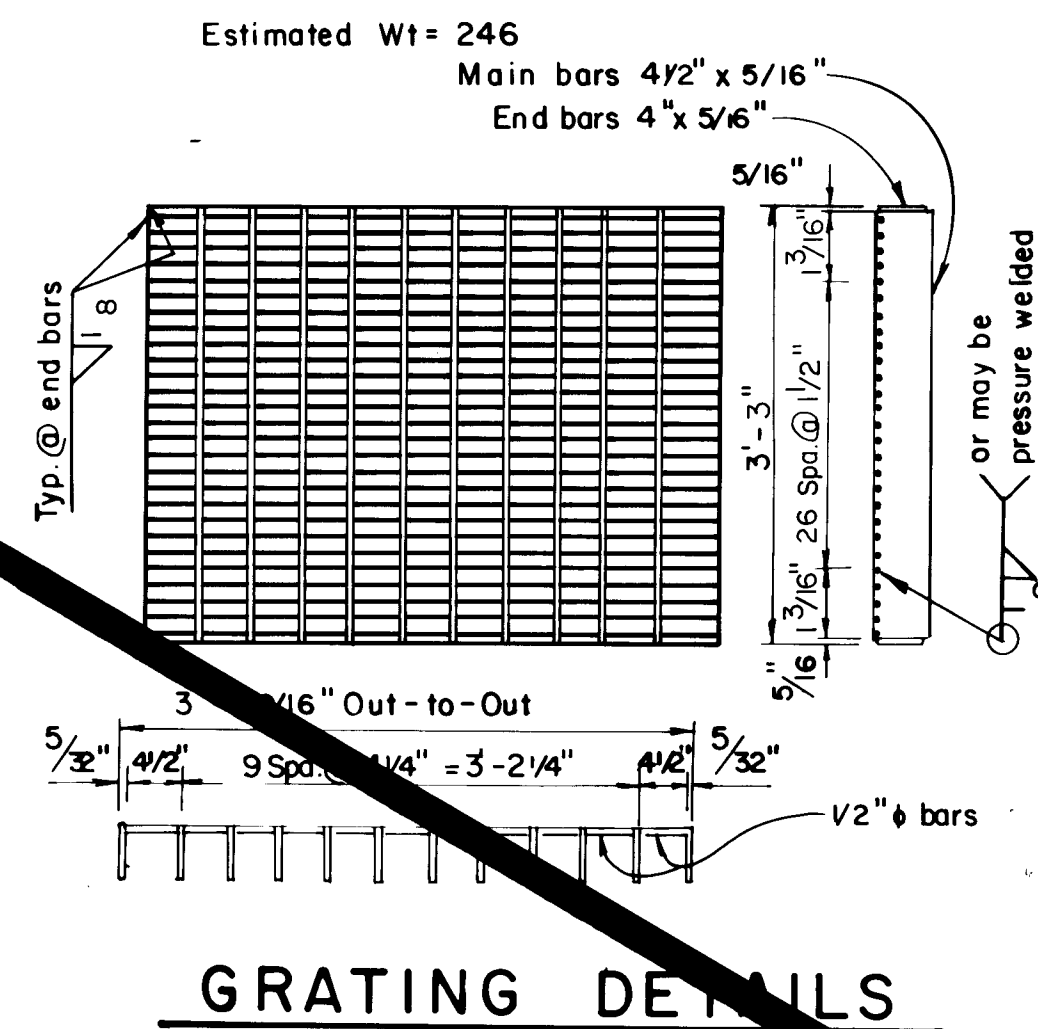
REFERENCE 1514

THE STATION IS A STANDARD ACS BRASS TABLET
STAMPED "17-F21" SET FLUSH IN THE SIDEWALK
IN THE NORTHEAST QUADRANT OF THE INTERSECTION
OF SPAIN ROAD AND EUBANK BOULEVARD
ELEVATION = 5573.51

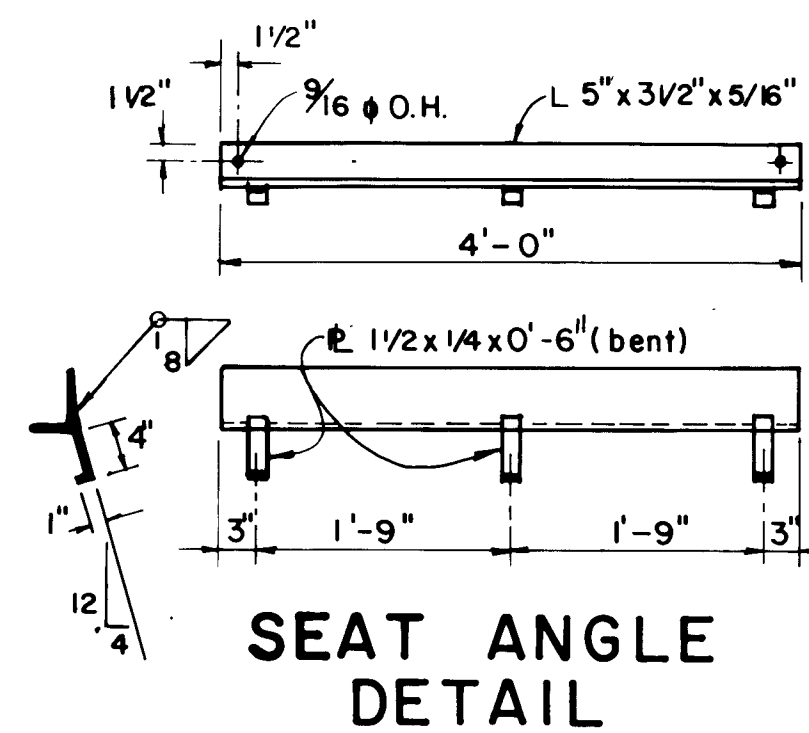
REFERENCE
F-21/1/2

DWM
MCO,PH,DLH
DMYM

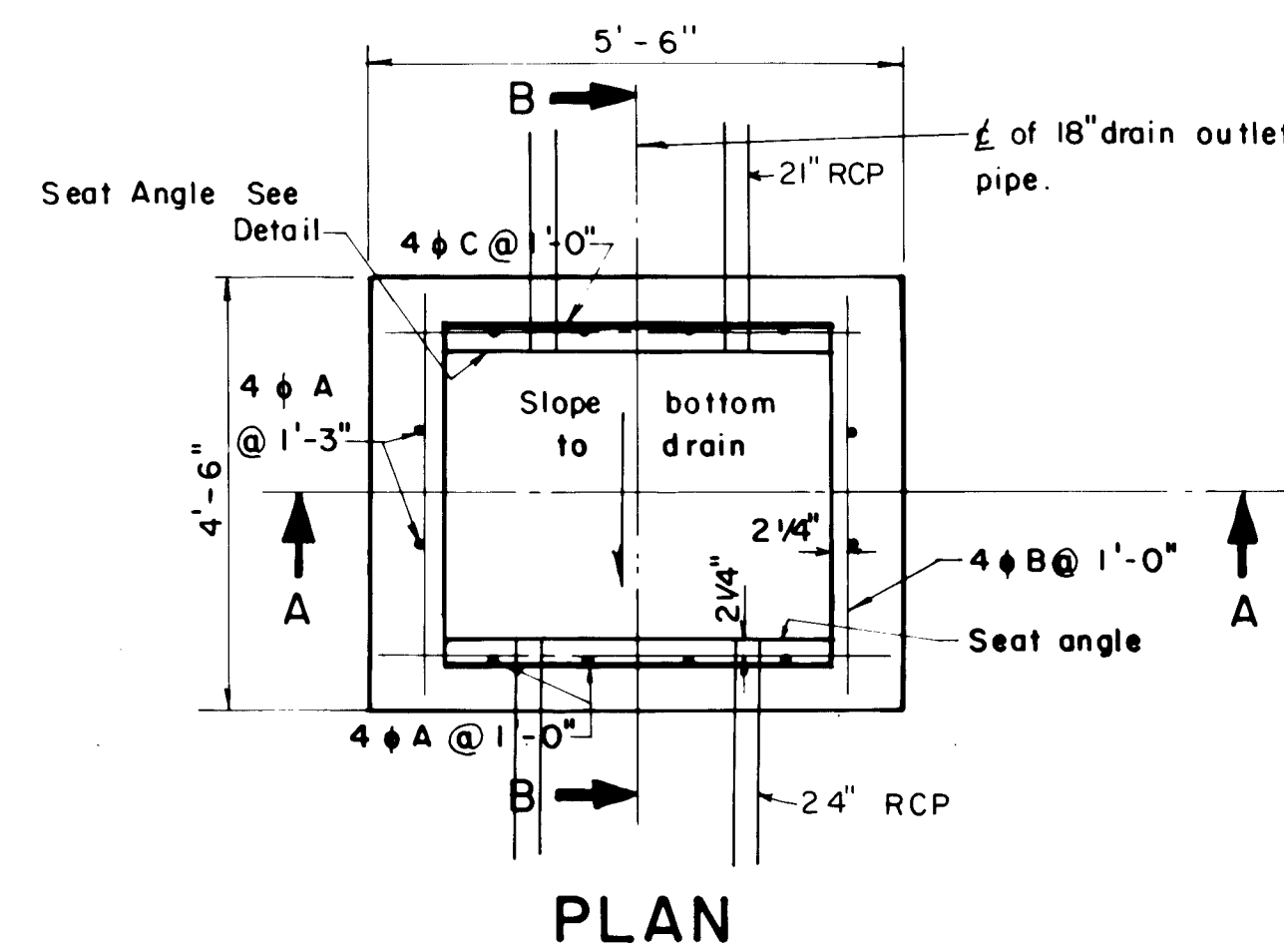
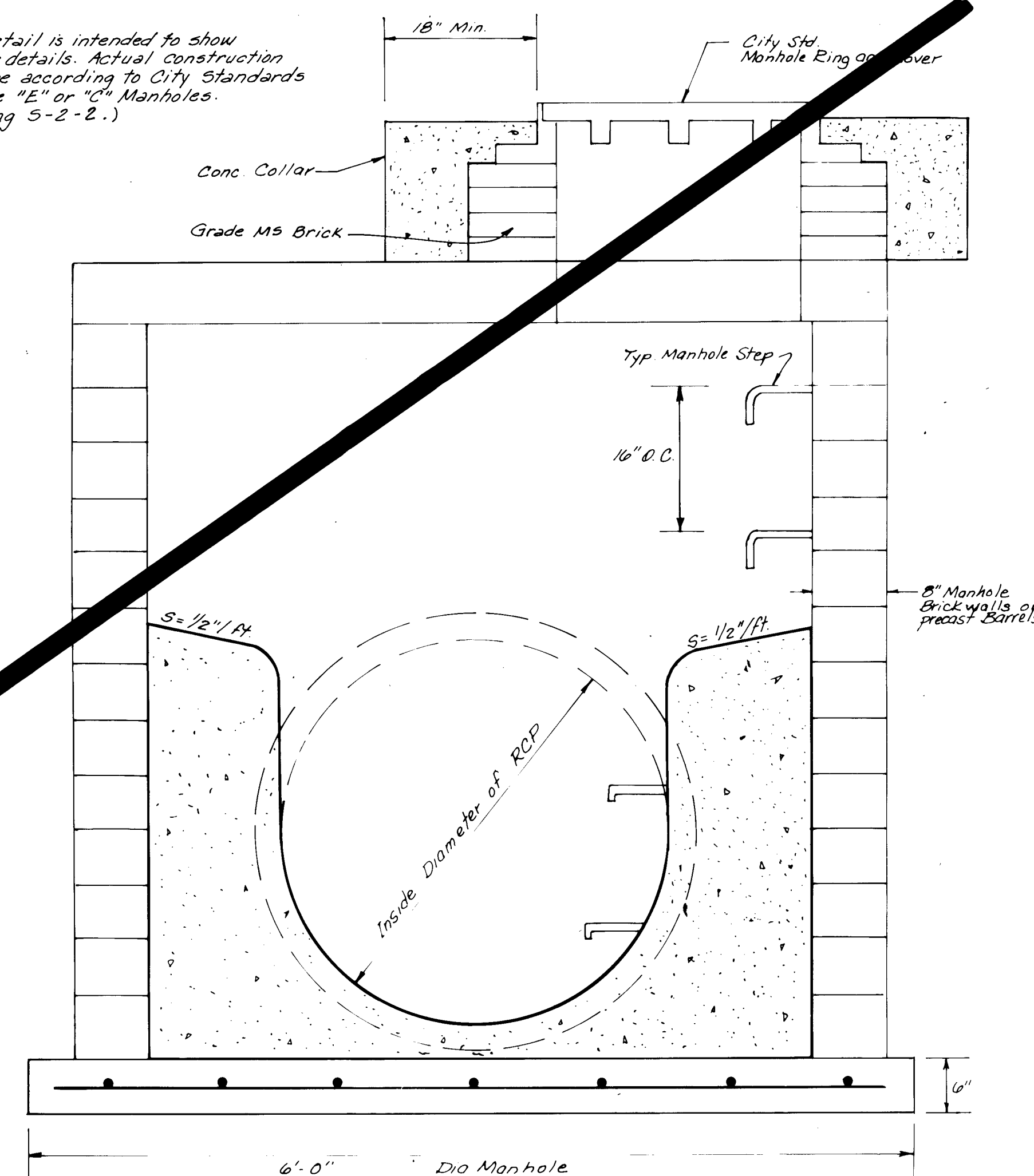
3/82
3/82
3/82



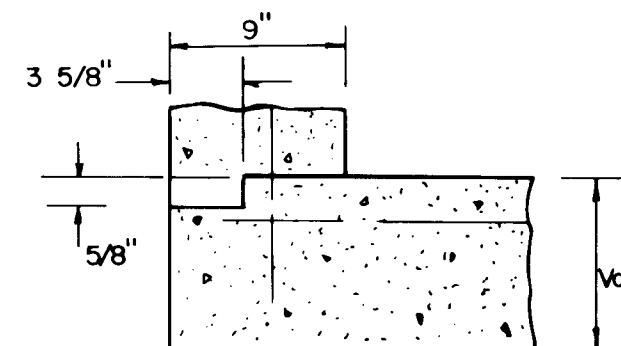
NOTE: Grating and exposed surfaces of seat angles to be given one coat of red lead paint, Type I, applied either in the shop or in the field at the contractors option, and two field coats of aluminum paint.



NOTE: This detail is intended to show grouting details. Actual construction shall be according to City Standards for type "E" or "D" Manholes. (Drawing S-2-2.)



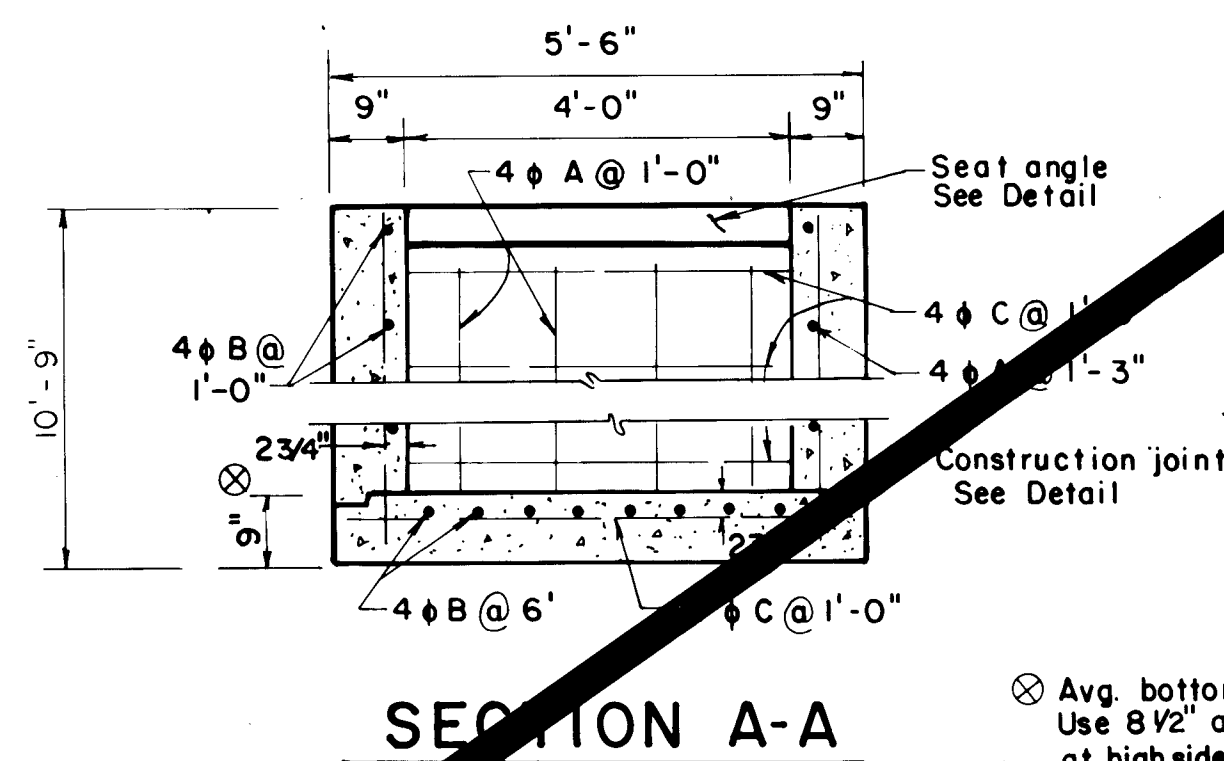
CONSTRUCTION JOINT DETAIL



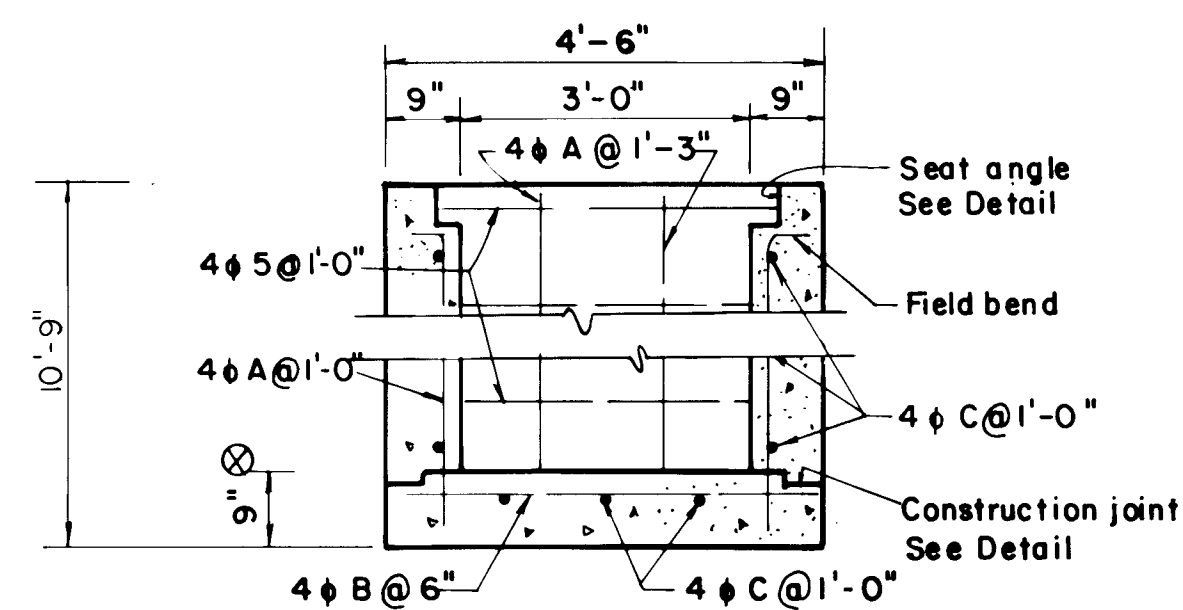
GENERAL NOTES

1. All concrete to be class "A". Chamfer all exposed edges 3/4".
2. Reinforcing steel to be deformed bars conforming to A.S.T.M. 615, Grade 40. Dimensions refer to 6" bar.
3. Structural steel to be carbon steel conforming to A.S.H.O. specification M-183.

NOT A PART OF THIS PROJECT



⊗ Avg. bottom thickness. Use 8 1/2" at outlet & 9 1/2" at high side.



DETAIL J GRATE INLET

NOTES

1. FOR MANHOLE RIM AND INVERT ELEVATIONS REFER TO SHEET 22.
2. FOR CONCRETE MANHOLE COVER DETAILS SEE CITY STD. DRAWING S-3-1.
3. SEE CITY STD. DRAWING S-5-1 FOR MANHOLE RING AND COVER.
4. CONCRETE SHALL BE CLASS 55 C 3000.
5. SEE CITY STD. DRAWING S-2-2. CONSTRUCTION DETAILS.
6. SLOUT INVERT OF MANHOLE TO CROWN OF PIPE AS SHOWN.
7. FIRST TWO STEPS TO PROTRUDE 4" INTO MANHOLE. ALL OTHERS 5" STEPS TO BE SET IN EGRESS CEMENT (HUNT PROCESS HB-230 OR APPROVED EQUAL) AT 14" O.C. SEE CITY STD. DRAWING S-9 FOR STEP DETAIL.
8. MASTER INSIDE AND OUTSIDE OF MANHOLE 1/2" MORTAR.
9. CONCRETE PIPE SUPPORTS SHALL EXTEND TO BELL FIRST JOINT AND SHALL GRADE PIPE TO SLOPE LINE.

MANHOLE GROUTING DETAIL DETAIL K

PREPARED UNDER THE DIRECTION OF



APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

CITY OF ALBUQUERQUE

TITLE

MESA DEL OSO-PHASE II
STORM SEWER DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	V.A. James	
A.C.E. - Design	David M. G.	4/12/82	Traffic	N.A. James	
A.C.E. - Hydrology			Water	N.A. James	

DRAWING NO. 1515

SHEET 23 OF 25

REFERENCE 1514

AS BUILT INFORMATION

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET STAMPED "12-F21" SET FLUSH IN THE SIDEWALK IN THE NORTHEAST QUADRANT OF THE INTERSECTION OF SPAIN AND EUBANK BOULEVARD ELEVATION = 5573.51

SURVEY INFORMATION

REFERENCES

NO. DATE

REVISIONS

DESIGN

NO. DATE

REMARKS

DESIGNED BY DW

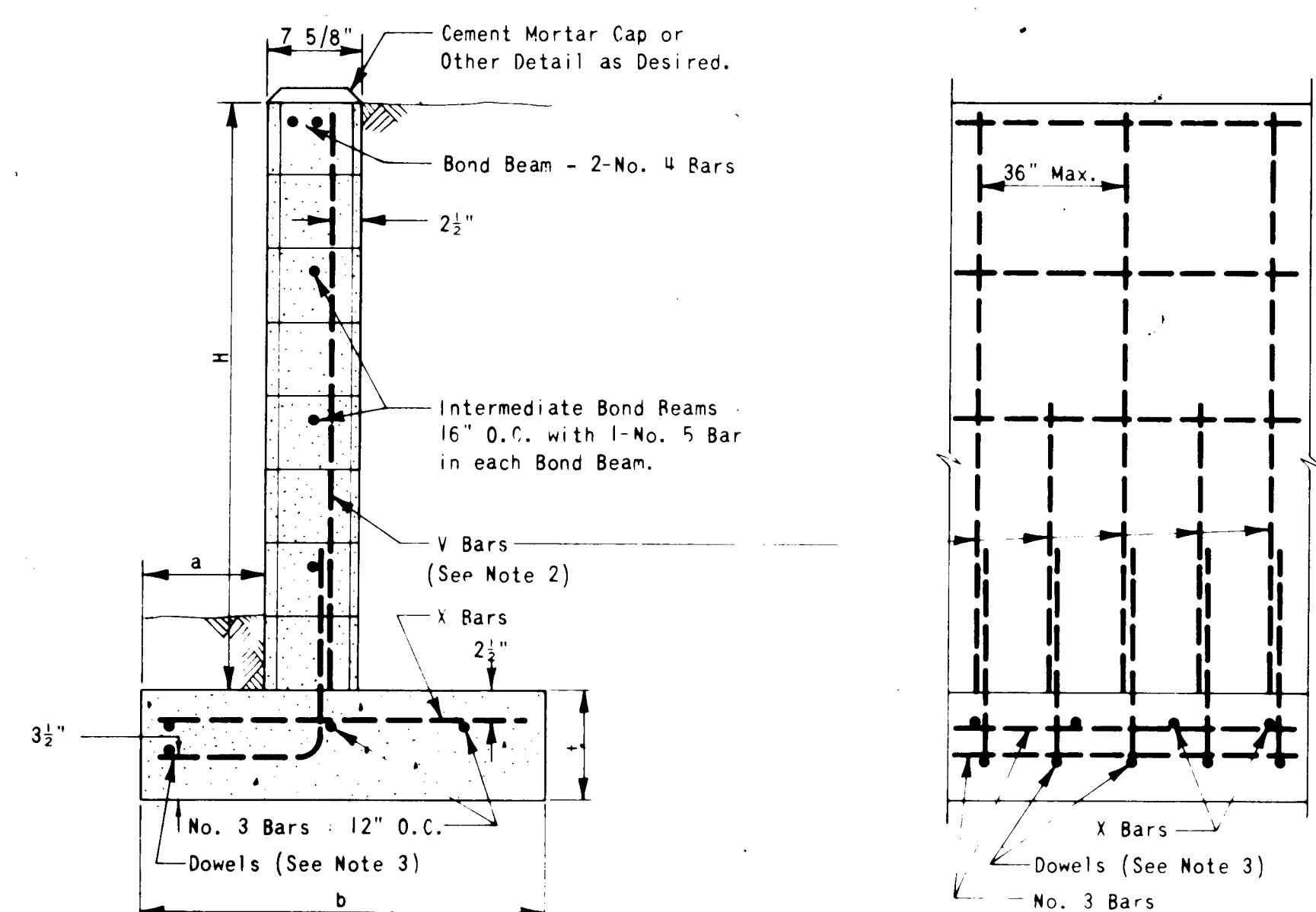
DRAWN BY MCQ & DLH

CHECKED BY

DATE 4/82

DATE 10-81

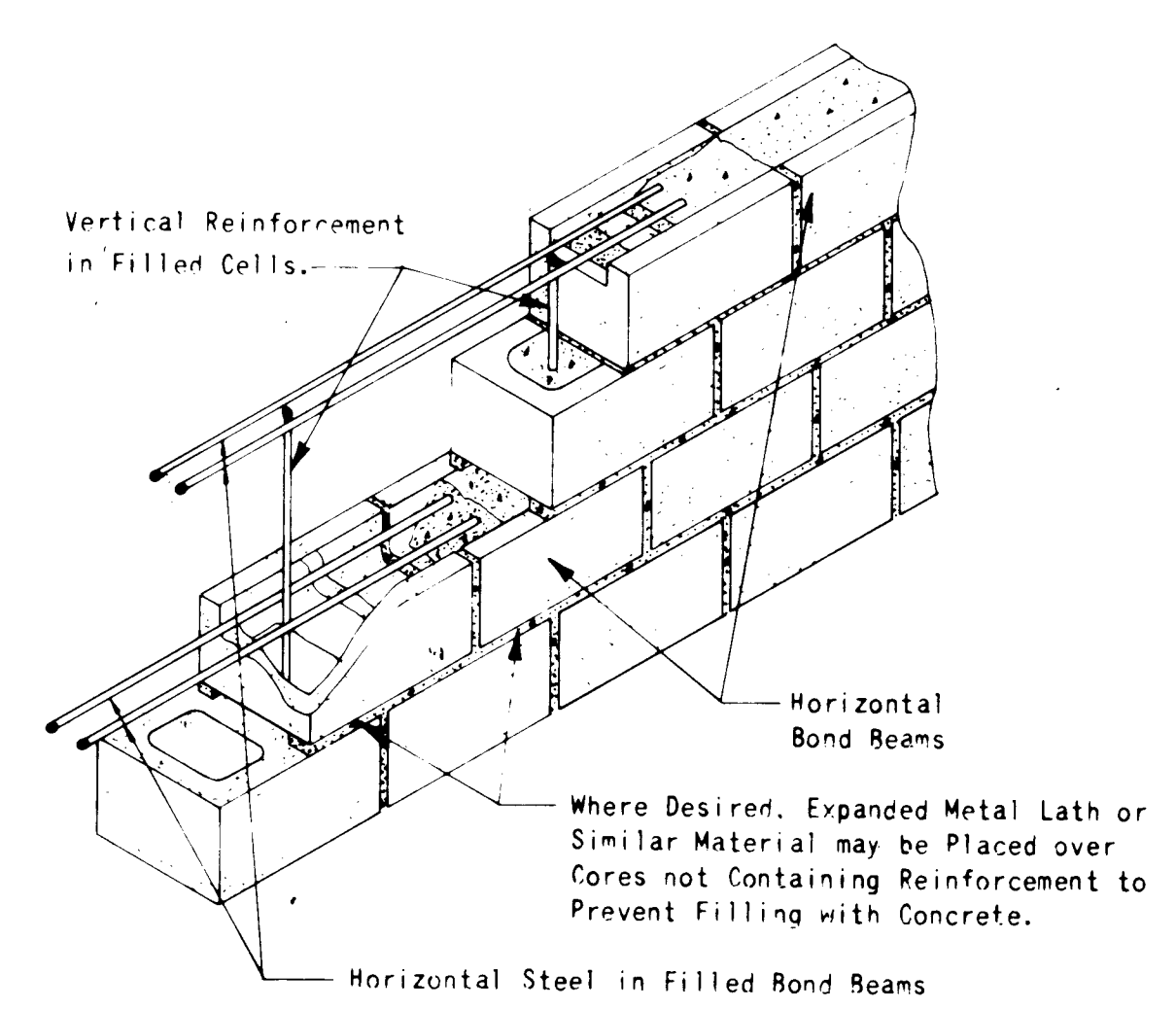
DATE 4/82



CROSS SECTION
ELEVATION
REINFORCED CONCRETE MASONRY - 8" WALLS

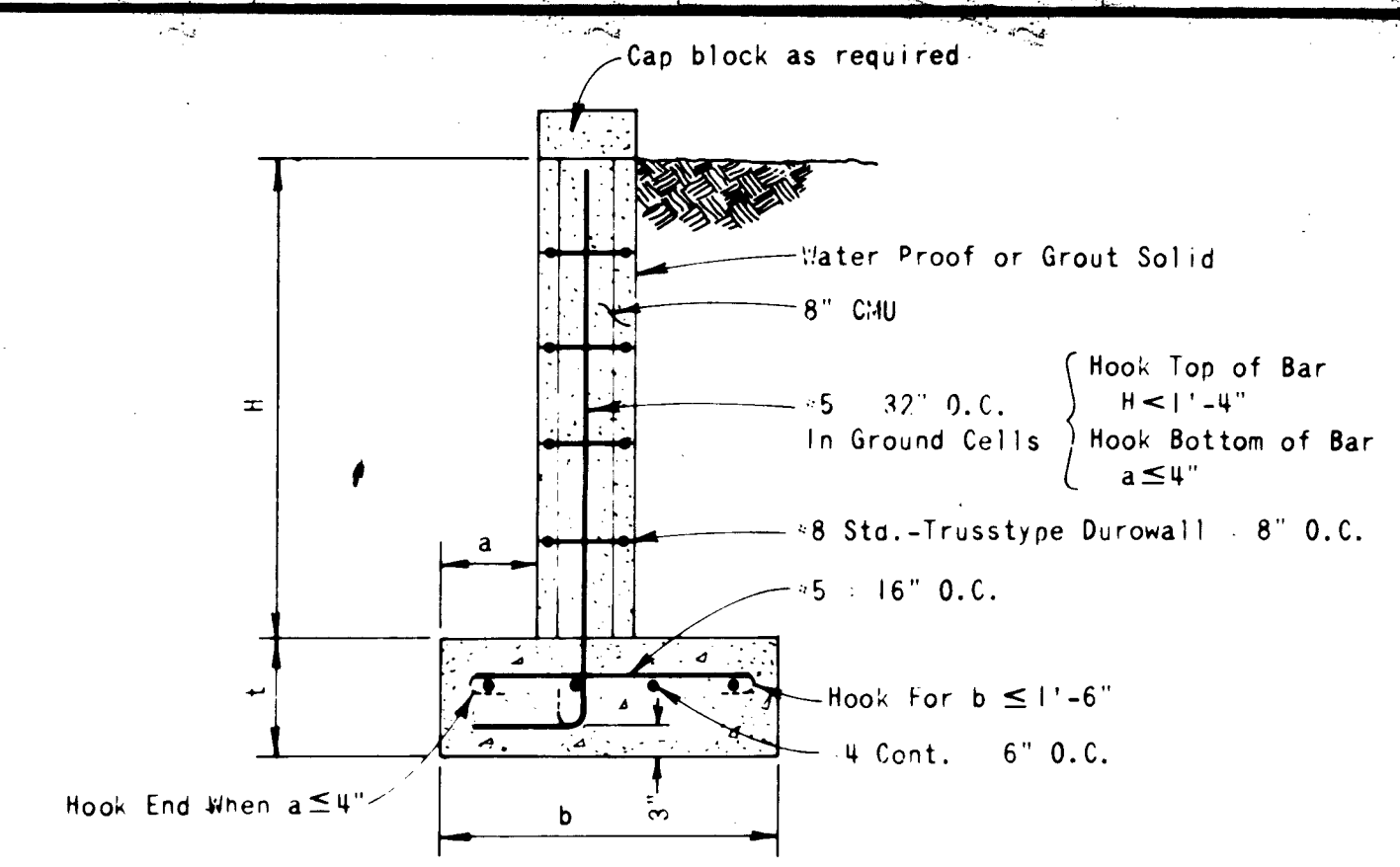
H	a	b	t	V Bars	Y Bars
ft.-in.	in.	ft.-in.	in.	(See Note 2)	
3'-4"	8"	2'-4"	10"	No. 4 - 32"	No. 4 - 27"
4'-0"	10"	2'-9"	10"	No. 4 - 32"	No. 4 - 27"
4'-8"	12"	3'-3"	10"	No. 5 - 32"	No. 4 - 27"
5'-4"	14"	3'-8"	10"	No. 4 - 16"	No. 4 - 30"
6'-0"	15"	4'-2"	12"	No. 6 - 24"	No. 4 - 25"

- 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.

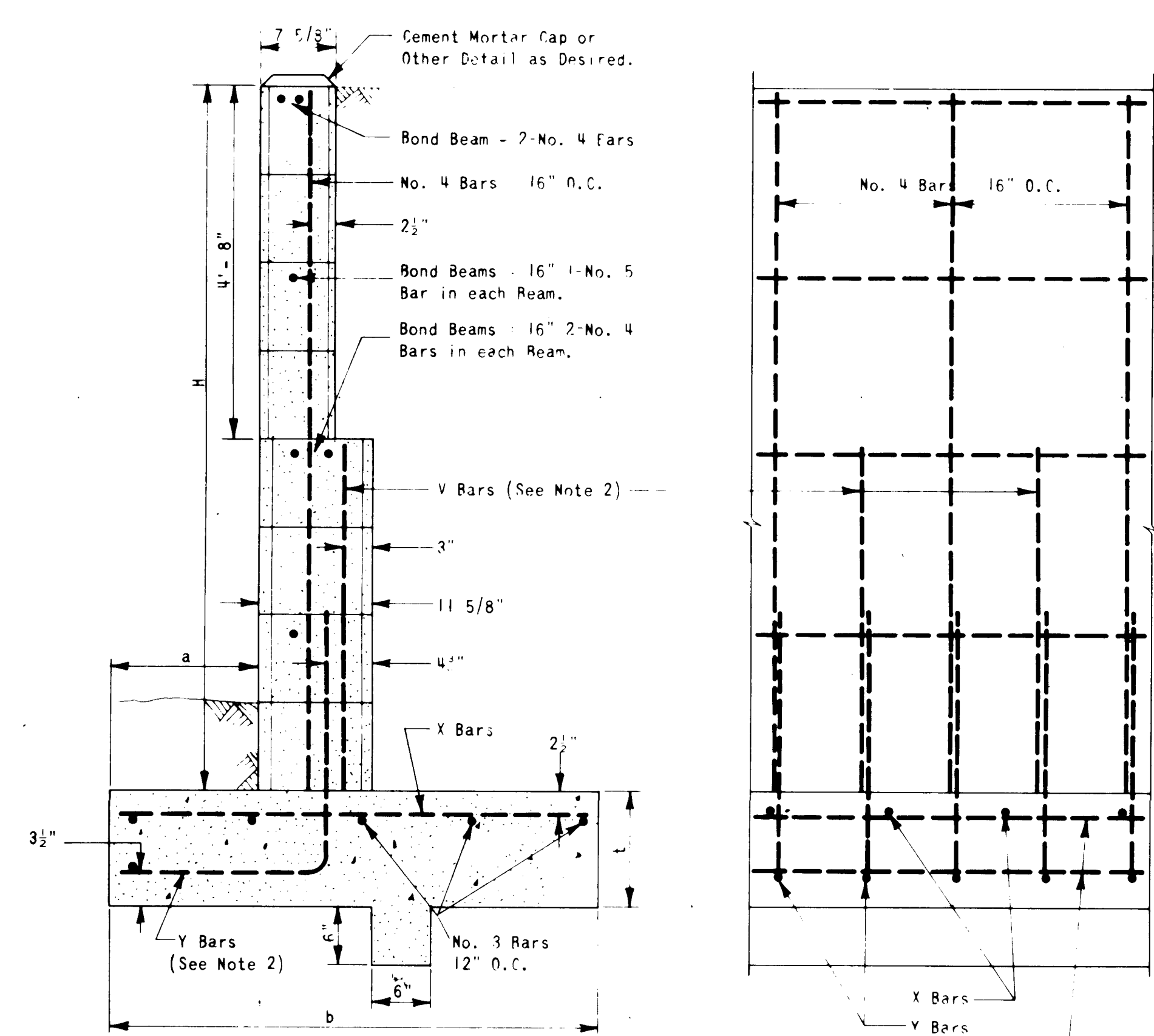
**REINFORCED CONCRETE MASONRY
WALL CONSTRUCTION**



H	a	b	t
3'-4"	8"	2'-4"	10"
2'-8"	6"	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"**

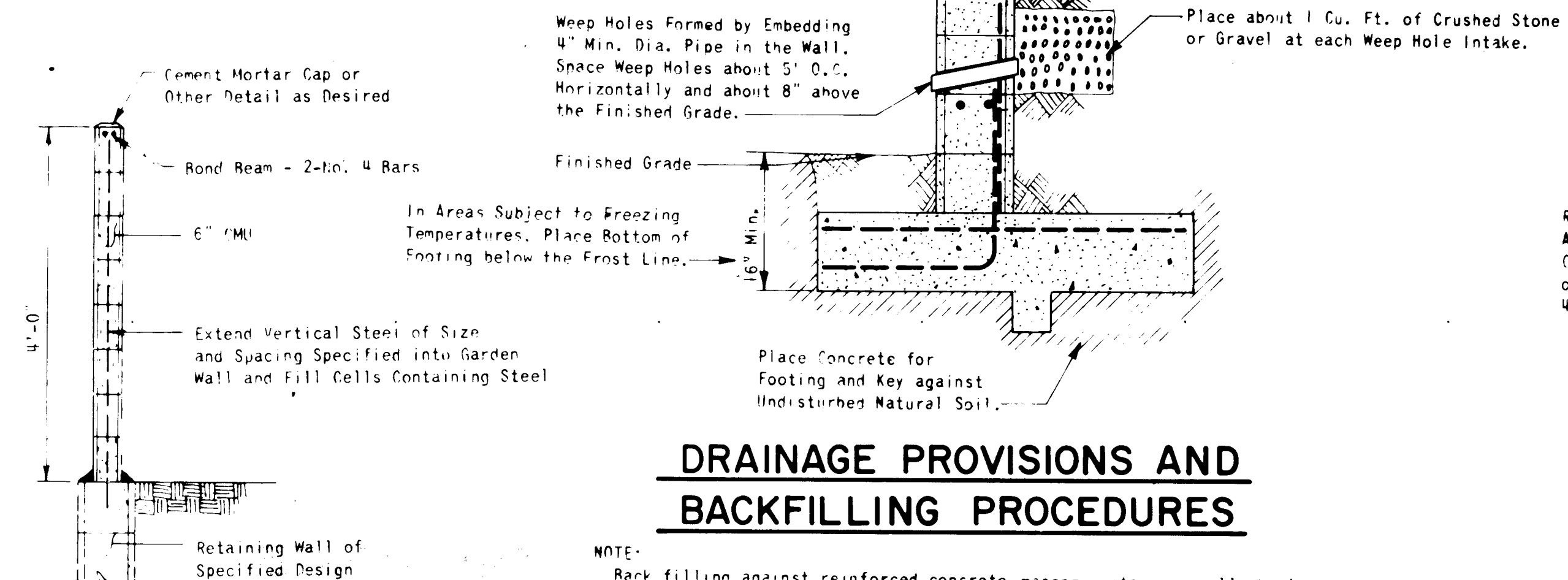
NOTE: IF STEEL IS PLACED 2" FROM THE LOADED FACE OF THE WALL AND THIS PRACTICE IS CAREFULLY CONTROLLED, 6" C.M.U. BLOCKS MAY BE USED IN LIEU OF 8" C.M.U. BLOCKS.



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

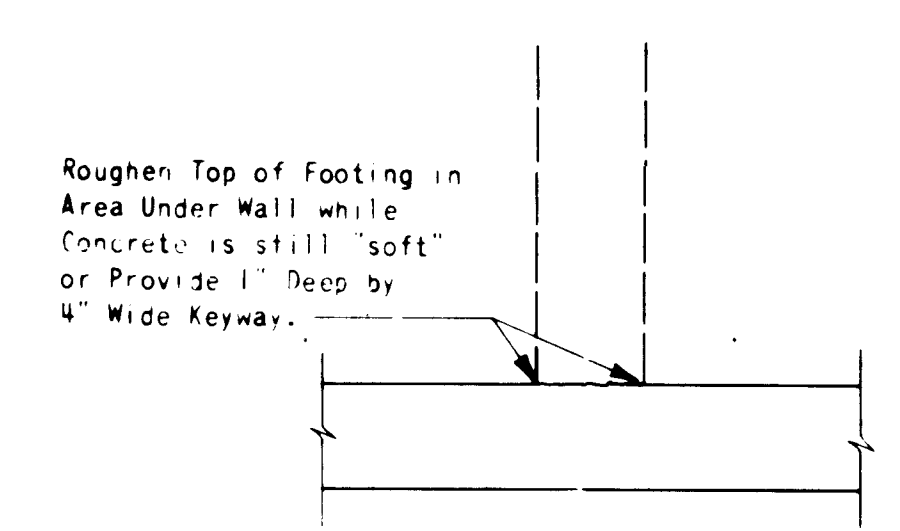
H	a	b	t	V Bars	Y Bars	Y Bars
ft.-in.	in.	ft.-in.	in.	(See Note 2)		(See Note 2)
6'-0"	15"	4'-2"	12"	No. 4 - 24"	No. 4 - 30"	No. 5 - 16"
6'-8"	16"	4'-6"	12"	No. 4 - 24"	No. 4 - 22"	No. 5 - 14"
7'-4"	18"	4'-10"	12"	No. 6 - 16"	No. 5 - 26"	No. 5 - 12"
8'-0"	20"	5'-4"	12"	No. 6 - 16"	No. 5 - 21"	No. 7 -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



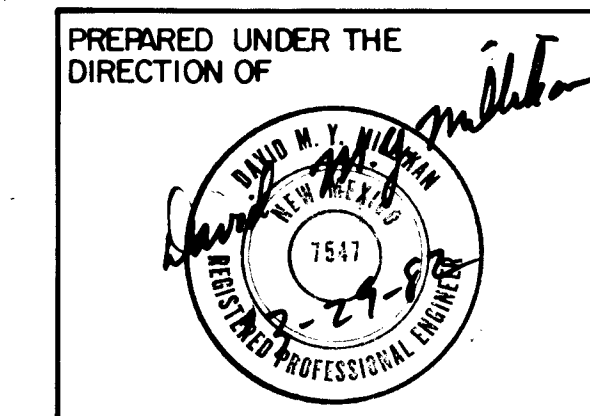
**DRAINAGE PROVISIONS AND
BACKFILLING PROCEDURES**

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**

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		REFERENCES	
CONTRACTOR	DATE	THE STATION IS A STANDARD ACS BRASS TABLET	DATE	MAP NO. F-21 728	EST. NO.	W. O. NO.	
ACCEPTED BY	DATE	STAMPED 17'-F 21 SET FLUSH IN THE SIDEWALK	DATE				
CHECKED BY	DATE	IN THE NORTHEAST QUADRANT OF THE INTERSECTION					
		OF SPAIN ROAD AND EUBANK BOULEVARD					
		ELEVATION=5573.51					
MICRO-FILM INFORMATION				REMARKS		BY	
RECORDED BY	DATE			DESIGN		DATE	
				REVISIONS		DATE	
				CHECKED BY		DATE	



PREPARED UNDER THE DIRECTION OF

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: **MESA DEL OSO-PHASE II
RETAINING WALL DETAILS**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N.A.	
A.C.E.-Design			Traffic	N.A.	
A.C.E.-Hydrology			Water	N.A.	

DRAWING NO. **1515**

SHEET 25 OF 25