HYDROLOGY

D19/D6

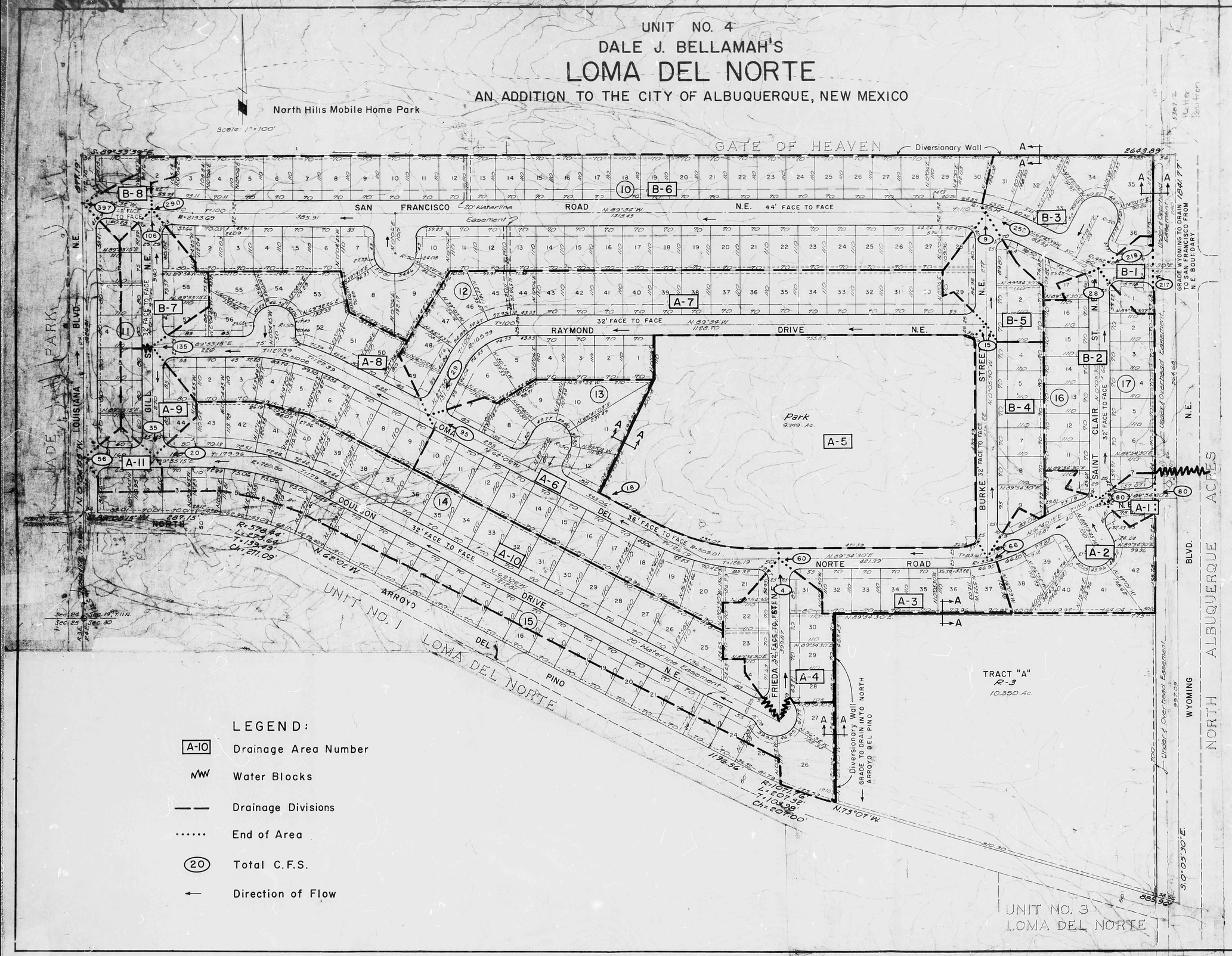
THREE PLANS

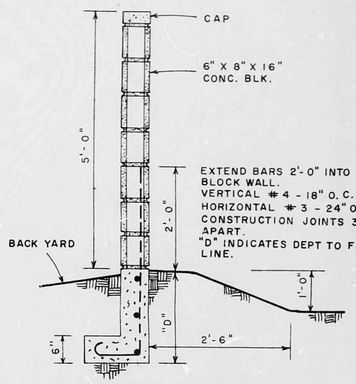
UNIT NO. 4

DALE J. BELLAMAH'S

LOMA DEL NORTE

AN ADDITION TO THE CITY OF ALBUQUERQUE, NEW MEXICO





5' CONCRETE RETAINING & DIVERSIONARY WALL

NO SCALE

SECTION A-A

NOTE:

1. ALL STREETS TO HAVE 2 INCH MAXIMUM CROWN.
2. ALL PROPERTY LINE TO BE A MINIMUM OF 0.2' ABOVE HIGH CURB.

LEGEND:

- A-10 — Drainage Area Number
- Water Blocks
- Drainage Divisions
- End of Area
- 20 — Total C.F.S.
- Direction of Flow

EXHIBIT "D"

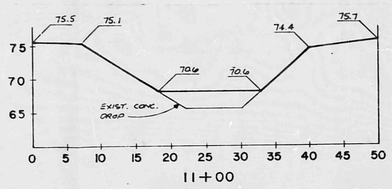
LOMA DEL NORTE

Plan of Drainage

UNIT 4

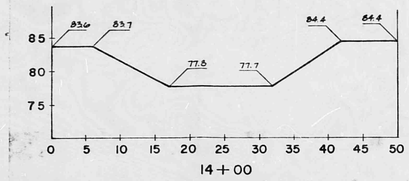
CAMPBELL AND ASSOCIATES, INC.
Albuquerque, New Mexico

D19/D6 (3)



11+00

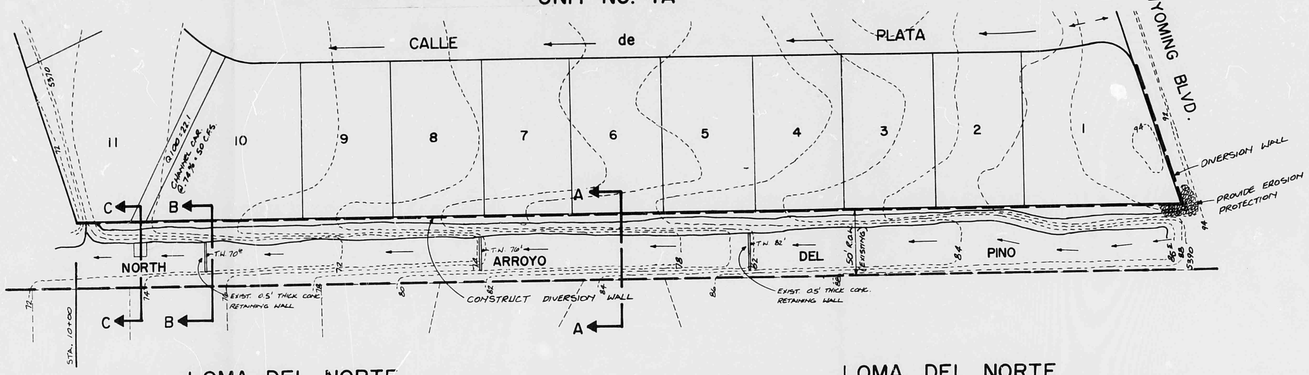
SECTION B-B
1"=10'



14+00

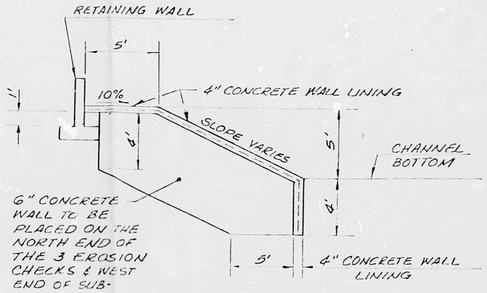
SECTION A-A
1"=10'

LOMA DEL NORTE UNIT NO. 4A



LOMA DEL NORTE
UNIT NO. 1

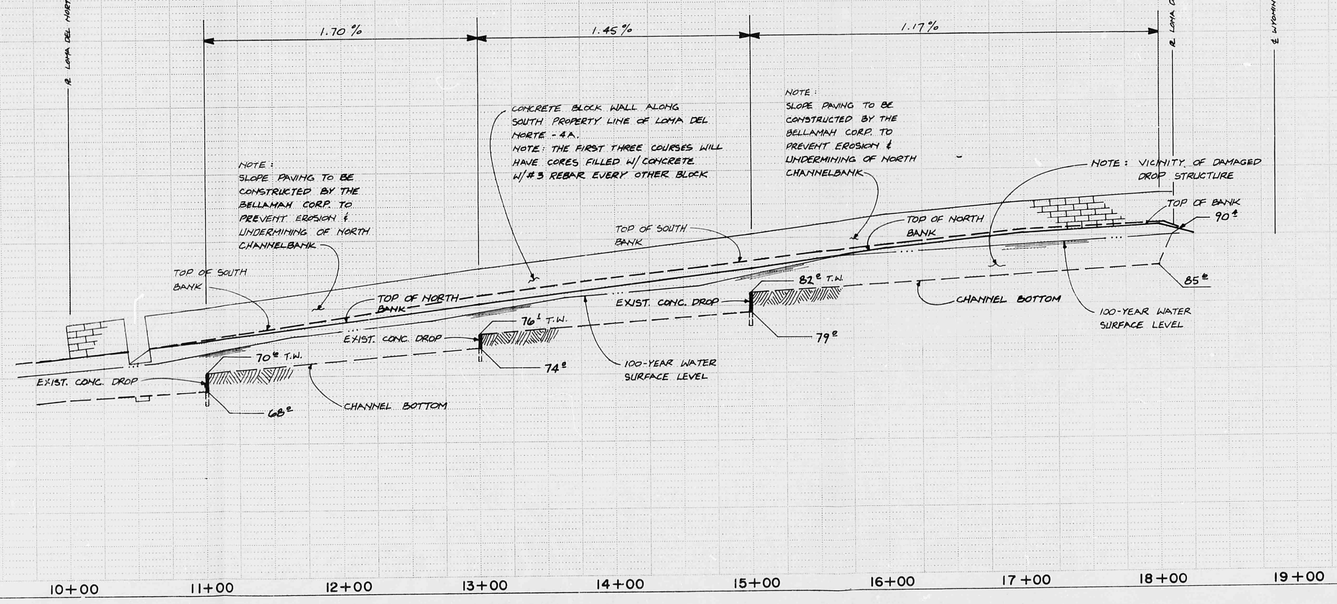
LOMA DEL NORTE
UNIT NO. 3

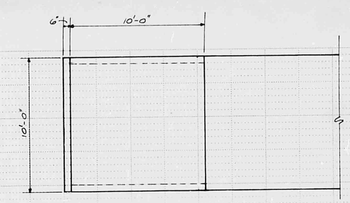


NOTE: ALL CONCRETE TO BE REINFORCED WITH 6"x6" W4xW4 W.W.F. WIRE MESH. CONTRACTOR TO EXPOSE THE WIRE MESH IN THE EROSION CHECK WALL & CONNECT TO WIRE MESH IN SLOPE PROTECTION.

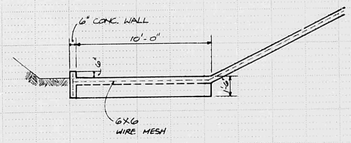
LINING on NORTH SIDE of
ARROYO DEL PINO
1"=5'

SCALE: HORIZ.: 1" = 50'
VERT.: 1" = 10'





TOP VIEW of
SECTION C-C
1"=5'



SECTION C-C
1"=5'

LOMA DEL NORTE UNIT NO. 4A

MEURER, SERAFINI AND MEURER, INC. CONSULTING ENGINEERS • SURVEYORS • PLANNERS
2601 WYOMING BLVD., N.E., SUITE F ALBUQUERQUE, NEW MEXICO 87110 (505) 292-1936

PLANS PREPARED UNDER THE DIRECTION OF

JERRY D. HART
NEW MEXICO
10108
REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

TITLE: ARROYO DEL PINO PROFILE & CROSS SECTIONS

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

DRAWING NO. D19/D6

SHEET OF

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
INSPECTED BY DATE
ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

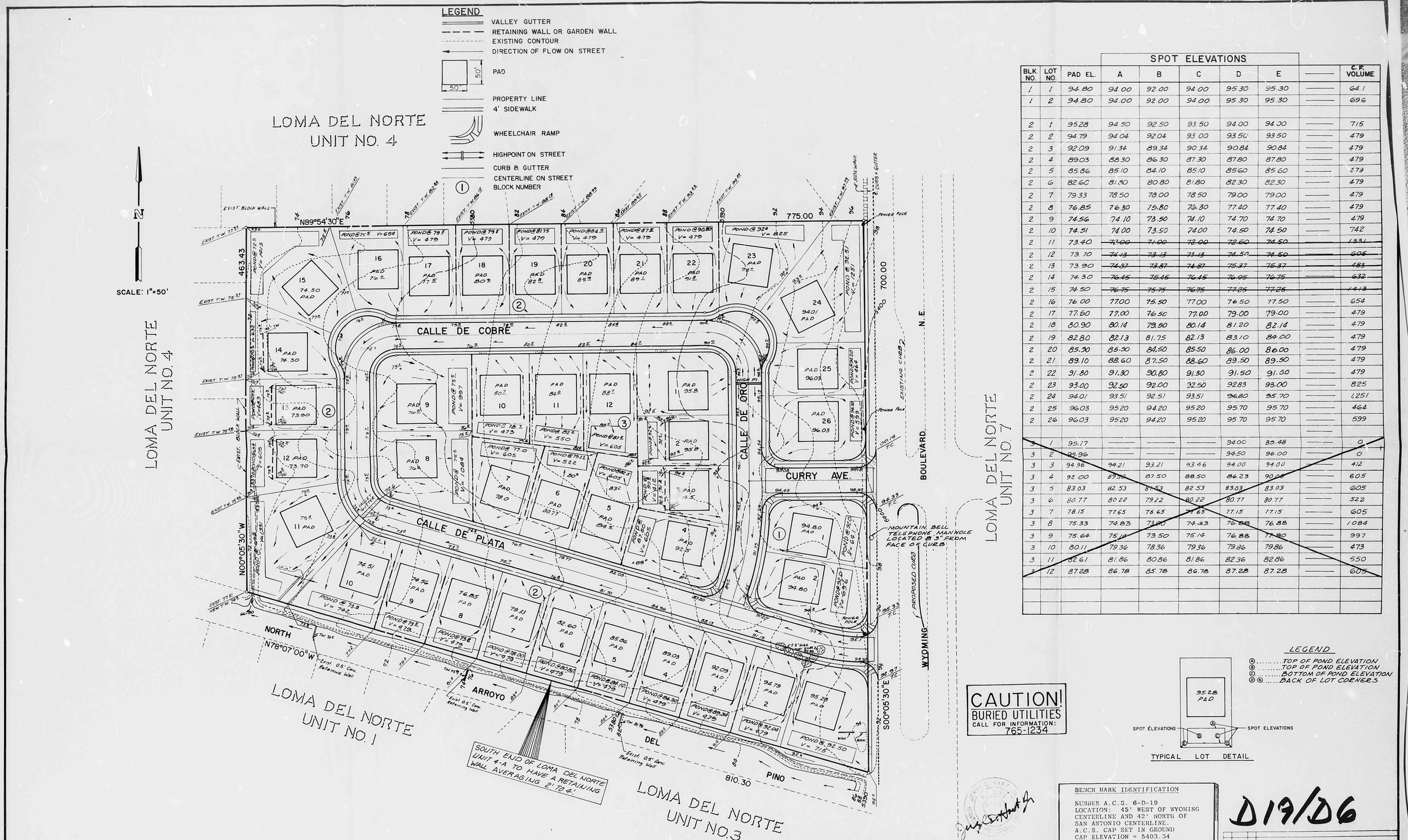
BENCH MARKS
NUMBER A.C.S. 6-D-19
LOCATION: 46' WEST OF WYOMING CENTERLINE AND 42' NORTH OF SAN ANTONIO CENTERLINE.
A.C.S. CAP SET IN GROUND
CAP ELEV.=5403.54
CO-ORDINATES: X=407,495.95 Y=1,519,588.89

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

REFERENCES
MAP NO.
EST. NO.
WO. NO.

REVISIONS
NO. DATE BY REMARKS

DESIGNED BY F.K. & J.H. DATE 2-21-79
DRAWN BY K.M. DATE 2-21-79
CHECKED BY J.H. DATE 2-21-79



APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E. - Design			Traffic	RC Bergquist	2-20-79
A.C.E. - Hydrology			Water		

BLK. NO.	LOT NO.	PAD EL.	SPOT ELEVATIONS A	B	C	D	E		C.F. VOLUME
1	1	94.80	94.00	92.00	94.00	95.30	95.30		641
1	2	94.80	94.00	92.00	94.00	95.30	95.30		696
2	1	95.28	94.50	92.50	93.50	94.00	94.00		715
2	2	94.79	94.04	92.04	93.00	93.50	93.50		479
2	3	92.09	91.34	89.34	90.34	90.84	90.84		479
2	4	89.03	88.30	86.30	87.30	87.80	87.80		479
2	5	85.86	85.10	84.10	85.10	85.60	85.60		479
2	6	82.60	81.80	80.80	81.80	82.30	82.30		479
2	7	79.33	78.50	78.00	78.50	79.00	79.00		479
2	8	76.85	76.30	75.80	76.30	77.40	77.40		479
2	9	74.56	74.10	73.50	74.10	74.70	74.70		479
2	10	74.51	74.00	73.50	74.00	74.50	74.50		742
2	11	73.40	~~72.00~~	~~71.00~~	~~72.00~~	~~72.50~~	~~74.50~~		~~1331~~
2	12	73.70	~~74.13~~	~~73.13~~	~~71.13~~	~~74.50~~	~~74.50~~		~~605~~
2	13	73.90	~~74.37~~	~~73.87~~	~~74.87~~	~~75.37~~	~~75.37~~		~~483~~
2	14	74.30	~~76.45~~	~~75.45~~	~~76.45~~	~~76.95~~	~~76.75~~		~~632~~
2	15	74.50	~~76.75~~	~~75.75~~	~~76.75~~	~~77.25~~	~~77.25~~		~~1413~~
2	16	76.00	77.00	75.50	77.00	76.50	77.50		654
2	17	77.50	77.00	76.50	77.00	79.00	79.00		479
2	18	80.90	80.14	79.50	80.14	81.20	82.14		479
2	19	82.80	82.13	81.75	82.13	83.10	84.00		479
2	20	85.30	85.50	84.50	85.50	86.00	86.00		479
2	21	89.10	88.60	87.50	88.60	89.50	89.50		479
2	22	91.80	91.30	90.80	91.30	91.50	91.50		479
2	23	93.00	92.50	92.00	32.50	92.83	93.00		825
2	24	94.01	93.51	92.51	93.51	96.80	95.70		1,251
2	25	96.03	95.20	94.20	95.20	95.70	95.70		464
2	26	96.03	95.20	94.20	95.20	95.70	95.70		599
~~3~~	~~1~~	~~95.77~~				~~94.00~~	~~85.48~~		~~0~~
~~3~~	~~2~~	~~95.96~~				~~94.50~~	~~96.00~~		~~0~~
~~3~~	~~3~~	~~94.96~~	~~94.21~~	~~93.21~~	~~93.46~~	~~94.00~~	~~94.00~~		~~412~~
~~3~~	~~4~~	~~92.00~~	~~89.50~~	~~87.50~~	~~88.50~~	~~86.23~~	~~90.00~~		~~605~~
~~3~~	~~5~~	~~83.03~~	~~82.53~~	~~81.53~~	~~82.53~~	~~83.03~~	~~83.03~~		~~605~~
~~3~~	~~6~~	~~80.77~~	~~80.22~~	~~79.22~~	~~80.22~~	~~80.77~~	~~80.77~~		~~522~~
~~3~~	~~7~~	~~78.15~~	~~77.65~~	~~76.65~~	~~77.65~~	~~77.15~~	~~77.15~~		~~605~~
~~3~~	~~8~~	~~75.33~~	~~74.83~~	~~73.80~~	~~74.33~~	~~76.88~~	~~76.88~~		~~1084~~
~~3~~	~~9~~	~~75.64~~	~~75.14~~	~~73.50~~	~~75.14~~	~~76.88~~	~~77.80~~		~~997~~
~~3~~	~~10~~	~~80.11~~	~~79.36~~	~~78.36~~	~~79.36~~	~~79.86~~	~~79.86~~		~~473~~
~~3~~	~~11~~	~~82.61~~	~~81.86~~	~~80.86~~	~~81.86~~	~~82.36~~	~~82.86~~		~~550~~
~~3~~	~~12~~	~~87.28~~	~~86.78~~	~~85.78~~	~~86.78~~	~~87.28~~	~~87.28~~		~~605~~