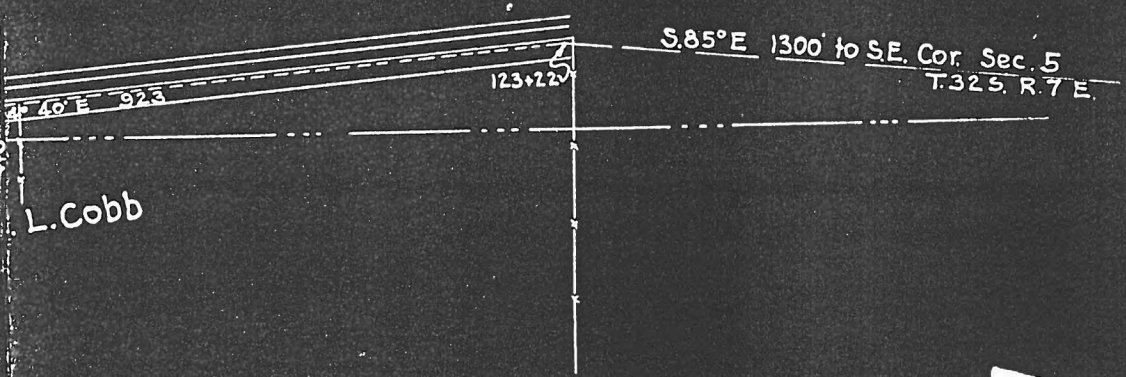


N



L. Cobb

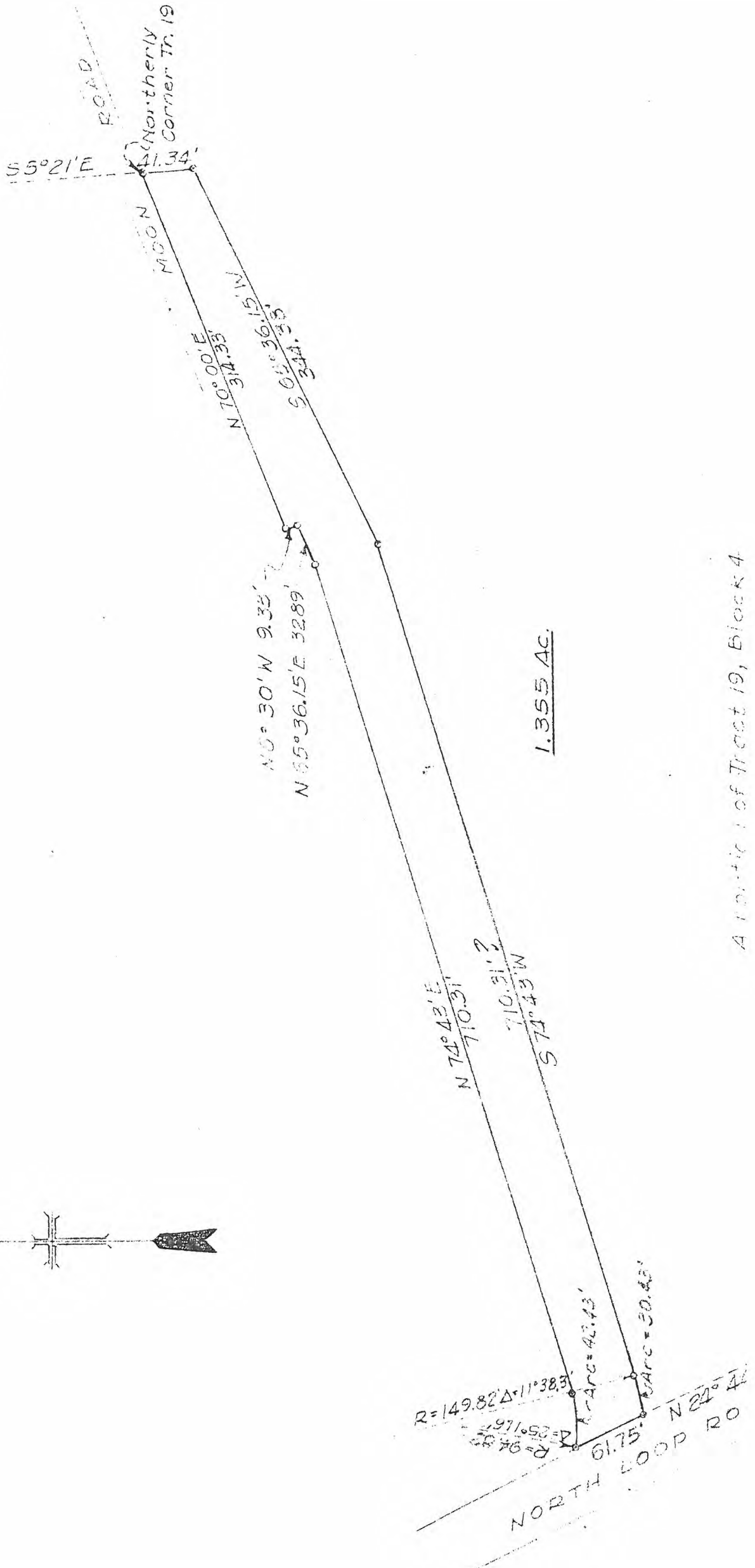
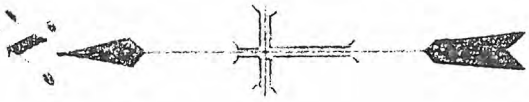
429245

DEPARTMENT OF THE INTERIOR
 UNITED STATES RECLAMATION SERVICE
 RIO GRANDE PROJECT-N.M.-TEX.
 S.B. WILLIAMSON, CHIEF OF CONST. R.F. WALTER, SENIOR ENGR.
 EL PASO VALLEY
 MAP OF
 ISLA DITCH

SCALE: 1"=200'
TRACED: W.P.B.

JULY 1915

E. 716 R 54



A portion of Tract 19, Block 4

BUREAU OF RECLAMATION El Paso, Texas	
Rec'd JUN -3 1970	
Route to:	Initials
Proj. Supt.	JK
Power	
Irrig.	
Engr.	MAA
Financa	
Supply	
Personnel	

June 1, 1970

To: Mr. William B. Hardie

Proposed
DESCRIPTION
of a portion of
Tract 19, Block 4
Socorro Grant
(Lateral Y-65)

A 1.355 acre parcel of land, more or less, situated in Tract 19, Block 4, Socorro Grant, County of El Paso, Texas, more particularly described as follows:

Beginning at a reinforcing rod on the southeasterly right-of-way line of Moon Road the same being the northerly corner of said Tract 19;

Thence along the easterly line of said Tract 19 South 05°-21' East a distance of 41.34 feet to a wood stake;

Thence South 65°-36.15' West a distance of 344.38 feet to a reinforcing rod;

Thence South 74°-43' West a distance of 710.31 feet to a reinforcing rod;

Thence in a southwesterly direction along a curve with an angle of intersection of 11°-38.3', a radius of 149.82 feet for a chord bearing of South 80°-32.15' West and a chord distance of 30.38 feet to a reinforcing rod on the easterly right-of-way line of North Loop Road;

Thence a long said easterly right-of-way line North 24°-44' West a distance of 61.75 feet to a reinforcing rod;

Thence in a northeasterly direction along a curve with an angle of intersection of 25°-11.6', a radius of 94.82 feet for a chord bearing of North 87°-18.8' East and a chord distance of 41.36 feet to a reinforcing rod;

Thence North 74°-43' East a distance of 710.31 feet to a reinforcing rod;

Thence North 65°-36.15' East a distance of 32.89 feet to a reinforcing rod;

Thence North 06°-30' West a distance of 9.33 feet to a reinforcing rod on the southeasterly right-of-way line of Moon Road;

Thence along said southeasterly right-of-way line North 70°-00' East a distance of 314.33 feet to the place of beginning, SUBJECT to an encroachment of a utility pole, two guy wires and overhead wires

Platted: 23-503-7420

at Moon Road and further SUBJECT to the rights for future suitable crossings of the Lateral and the property to Moon Road from and to Tract 19 by streets dedicated to the public and by water, sewer, gas, electric and other utility lines and appurtenances and bridges and culverts.

CARTER ENGINEERING COMPANY

by Gilbert B. Carter
Gilbert B. Carter, President
Registered Public Surveyor # 632
Reg. Professional Engineer #1609

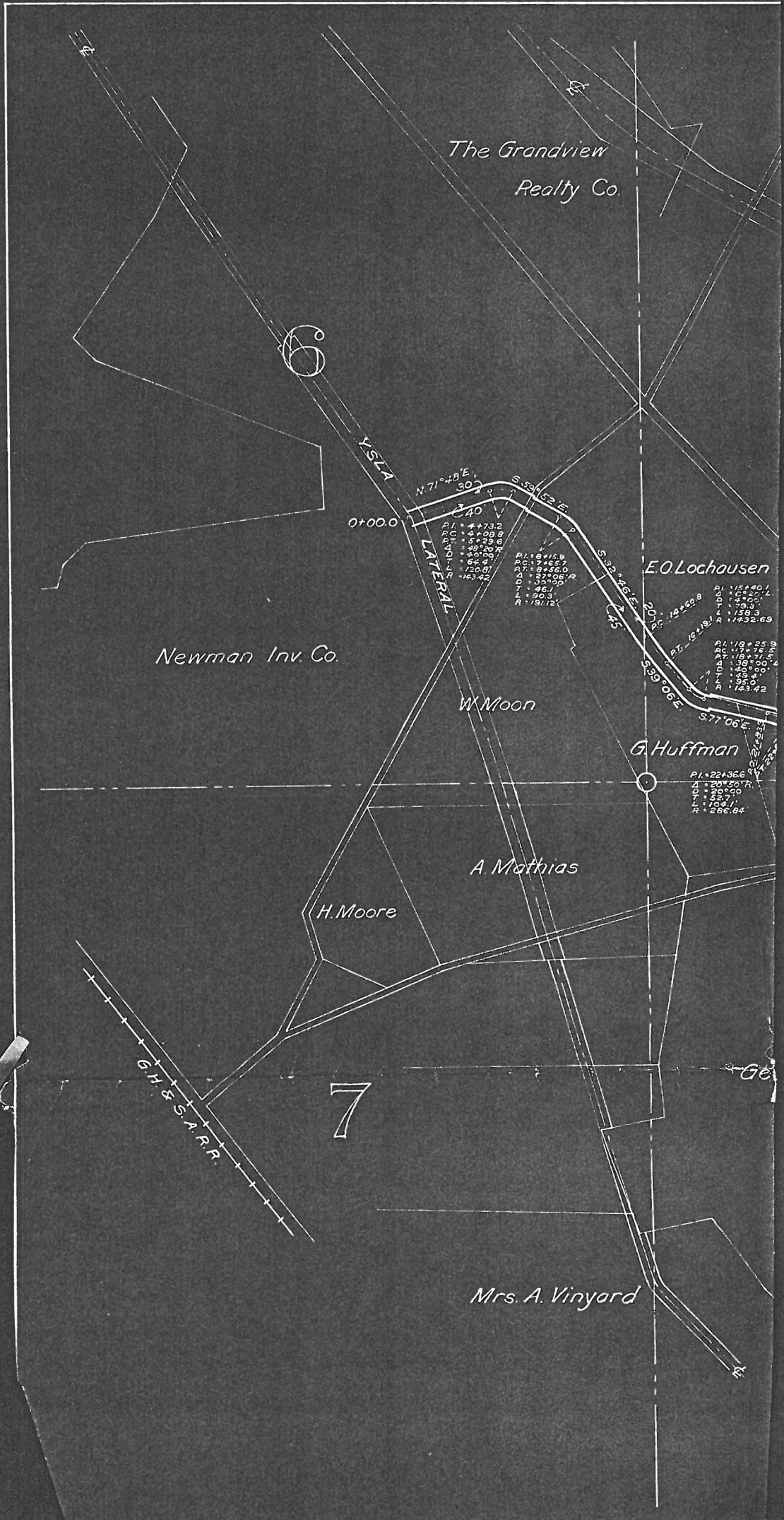
Job No. 7005

DEPARTMENT OF THE INTERIOR
UNITED STATES RECLAMATION SERVICE

From

To

Subject:



The Grandview
Realty Co.

6

YSLA

N 71° 48' E
302.9

0+00.0

LATERAL

40
 P.I. 17
 D.I. 17
 L. 17
 R. 17
 P.I. 18
 D.I. 18
 L. 18
 R. 18
 P.I. 19
 D.I. 19
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 D.I. 99
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 D.I. 100
 L. 100
 R. 100

E.O. Lochousen

Newman Inv. Co.

W. Moon

G. Huffman

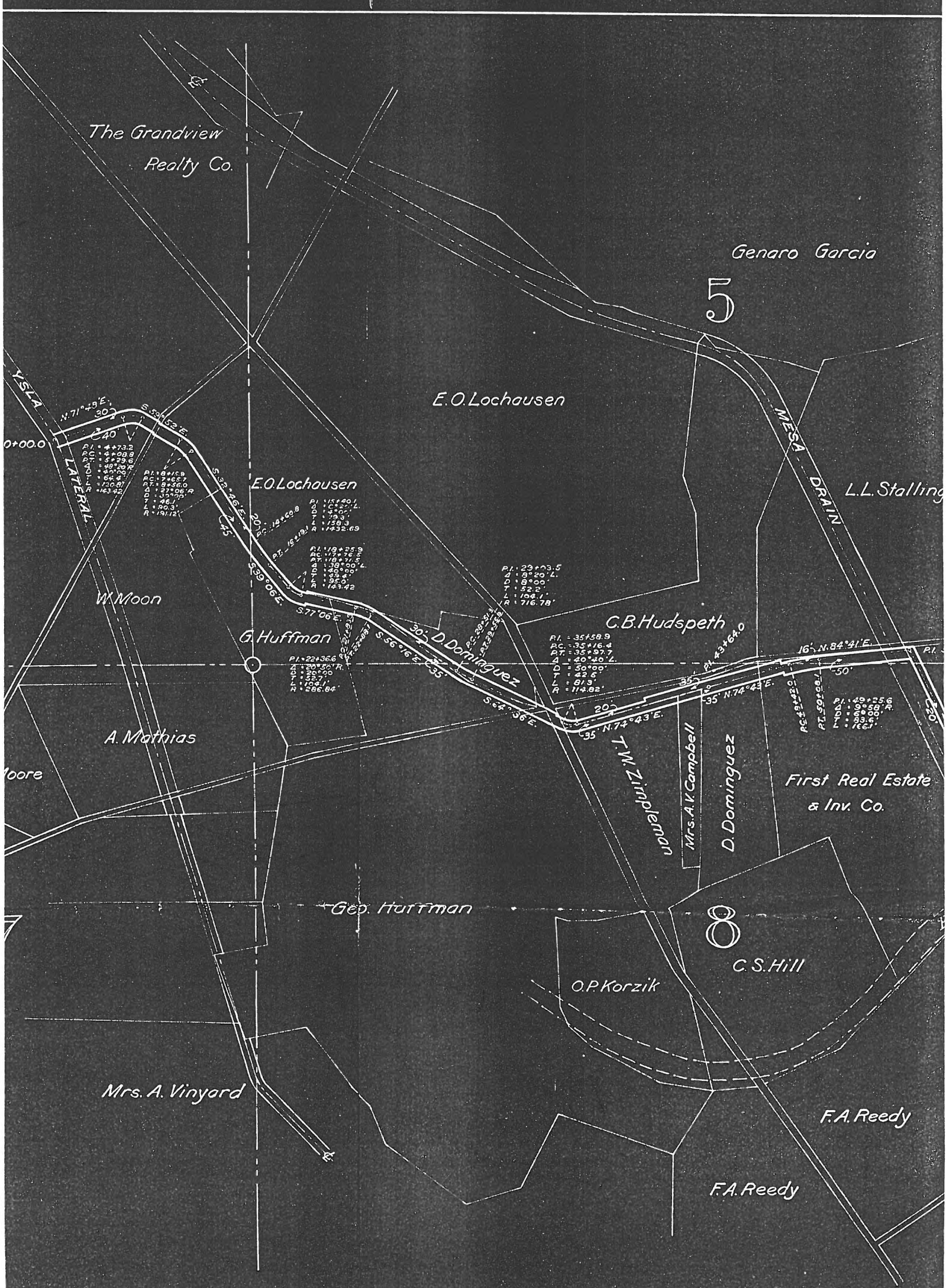
A. Mathias

H. Moore

G.H. & S.A.R.R.

7

Mrs. A. Vinyard



The Grandview
Realty Co.

Genaro Garcia

5

E.O. Lochausen

L.L. Stalling

MESA
DRAIN

E.O. Lochausen

C.B. Hudspeth

W. Moon

G. Huffman

D. Dominguez

A. Mathias

First Real Estate
& Inv. Co.

T.W. Zimpler

Mrs. A.V. Campbell

D. Dominguez

Geo. Huffman

C.S. Hill

O.P. Korzik

Mrs. A. Vinyard

F.A. Reedy

F.A. Reedy

Y524
0+00.0

N. 71° 45' E
30'
S. 32° 26' E
40'
LATERAL

PI: 8+15.9
PC: 7+63.7
PT: 8+36.0
L: 120.0
R: 143.02

PI: 11+80.1
PC: 12+00.0
PT: 12+39.3
L: 139.3
R: 173.209

PI: 11+80.1
PC: 12+00.0
PT: 12+39.3
L: 139.3
R: 173.209

PI: 22+36.6
PC: 23+00.0
PT: 23+36.6
L: 106.1
R: 266.84

PI: 35+16.4
PC: 35+37.7
PT: 35+20.0
L: 50.00
R: 81.9
R: 11+82'

PI: 43+64.0
PC: 44+00.0
PT: 43+64.0
L: 50.00
R: 81.9

PI: 49+25.6
PC: 50+00.0
PT: 49+25.6
L: 83.6
R: 166.1

Moore

PI

PI

PI

PI

PI

PI

PI

PI

PI

PI

PI

PI

PI

PI

PI

Genaro Garcia

5

4

L.L. Stallings

T. 32 S.
R. 7 E.

Socorro Farms Co.

Speth

16° N. 84° 41' E. P.I. 55+30.6

Mrs. A.V. Campbell

D. Dominguez

First Real Estate
& Inv. Co.

8

C.S. Hill

Bed

72+00.0

Thos. Holloway

9

Dr. W.P. Book

E.C. Hendrix

F.A. Reedy

F.A. Reedy

Scale: 1" = 500'

DEPARTMENT OF THE INTERIOR
UNITED STATES RECLAMATION SERVICE
RIO GRANDE PROJECT, N.M.-TEX.
EL PASO VALLEY LATERALS
YSLA 65 LATERAL
ALIGNMENT & RIGHT OF WAY

Drawn: W.M.C. Recommended:

Checked: Approved:

1914-T El Paso, Texas, 1-21-20.

El Paso County Water Improvement District No. 1

El Paso County, Texas

A PETITION

GRANTING APPROVAL

of the

PLANS FOR RECONSTRUCTION

by

THE UNITED STATES RECLAMATION SERVICE

of the

Y S L A 65 L A T E R A L

From owners of land served with irrigation
water by the Ysla 65 Lateral.

140
13-29

	40.00
"	35.00
"	140.00
"	45.00
"	140.00
5 to sta 22185	635.00
Wood	35.00
"	40.00
"	35.00
"	140.00
"	40.00
ing	0.00
Wood	40.00
ing	0.00
Wood	35.00
"	140.00
"	35.00
"	40.00
"	35.00
"	140.00
"	130.00
"	35.00
"	45.00
"	35.00
"	140.00
"	130.00
struction	800.00
Wood	45.00
"	140.00
"	45.00
"	150.00
"	45.00
ictures	3680.00
30 per cent	3480.00
	7160.00
Total 20%	1432.00
Total	\$8592.00

NOTE:

Structure from the right (1919)
 45' x 140' x 140' x 140' x 140'
 45' x 140' x 140' x 140' x 140'
 45' x 140' x 140' x 140' x 140'

County Road adjacent
 no operating road
 operating rd. on right
 10' " " " "
 existing road on left
 " " " "
 " " " "
 Drain R/W
 from 4' of drain
 bank on right

#1 and be done force acct.
 #2 " " " " by contract.
 Volume at sta 707+00 Mesa Drain
 be done by government forces

Hor. Scale: 1"=400' Vert. Scale: 1"=4'

DEPARTMENT OF THE INTERIOR
 UNITED STATES RECLAMATION SERVICE
RIO GRANDE PROJECT, NM.-TEX.
EL PASO VALLEY
#65 PROFILE & ESTIMATE

Surveys S.A. Colwell.	Recommended WEM
Drawn E.M.	Approved
Checked R.M.T.	

Clint, Texas Dec. 1919

6+15.63	County Bridge 90	16 x 12		New - Wood	150.00
6+32	T.O.	1' x 4'	Left	" "	40.00
9+00	"	1' x 3'	Right	" "	35.00
9+10	Check	2-3' Bays		" "	140.00
17+80	T.O.	2 x 3'	"	" "	45.00
17+90	Check	2-3' Bays		" "	140.00
19+00	Concrete Lining	2"		extends to sta. 22+85	635.00
22+60	T.O.	1' x 3'	Left	New - Wood	35.00
25+70	" "	1' x 4'	Right	" "	40.00
27+70	" "	1' x 3'	Left	" "	35.00
27+80	Check	2-3' Bays		" "	140.00
33+10	T.O.	1' x 4'	"	" "	40.00
33+46	County Bridge			Existing	0.00
34+60	T.O.	1' x 4'	Right	New - Wood	40.00
35+25	County Bridge			Existing	0.00
35+50	T.O.	1' x 3'	"	New - Wood	35.00
35+60	Check	2-3' Bays		" "	140.00
37+58	T.O.	1' x 3'	Left	" "	35.00
38+76	" "	1' x 4'	Right	" "	40.00
43+38	" "	1' x 3'	"	" "	35.00
43+50	Check	2-3' Bays		" "	140.00
43+70	Farm Bridge	12' x 12'		" "	130.00
47+60	T.O.	1' x 3'	Right	" "	35.00
" "	" "	2' x 3'	Left	" "	45.00
50+50	" "	1' x 3'	Right	" "	35.00
50+60	Check	2-3' Bays		" "	140.00
51+00	Farm Bridge	12' x 12'		" "	130.00
54+34.1	Metal Flume	#120-66'		New Construction	800.00
55+50	T.O.	2' x 3'	Left	New - Wood	45.00
55+60	Check	2-3' Bays		" "	140.00
68+	T.O.	2' x 3'	"	" "	45.00
69+00	Drop & Check	2-3' Bays & 1' Drop		" "	150.00
72+00	T.O.	2' x 3'	Right	" "	45.00

Total Field Cost - Structures 3680.00
 11,600 C.Y. Excavation @ .30 per c.y. 3480.00
 Total Field Cost 7160.00
 Overhead 15% Contingencies 5% Total 20% 1432.00
 Grand Total \$8592.00

RIGHT OF WAY

Stations	Left	Right	Remarks
0+00 to 6+16	30'	40'	Borrow both sides, County Road adjacent, no operating road.
6+16 to 19+00	20'	45'	Borrow on right, 10' operating rd. on right.
19+00 to 34+70	30'	35'	Borrow both sides, 10' " " " "
34+70 to 40+00	20'	35'	Borrow on right, existing road on left.
40+00 to 48+00	35'	35'	Borrow both sides, " " " "
48+00 to 53+75.2	16'	50'	Borrow on right, " " " "
53+75.2 to 55+30.6			Present Mesa Drain R/W.
55+30.6 to 72+00 (end)	25'	20'	& Ditch is 90' from L. of Drain. Borrow from spoil bank on right.

REFERENCES:

Location notes in E.B. 337
 Level notes in E.B. 350

NOTES:

- 1- Area of Right of Way is 980 Acres.
- 2- From sta 0+00 to 44+00 to be schedule #1 and be done force acc.
- 3- " " 44+00 to 72+00 " " " #2 " " by contra
- 4- When this contract is complete remove flume at sta 707+00 Mesa.
- 5- Acreage now irrigated 642.
- 6- " irrigable 794.
- 7- All structure work indicated here on to be done by government.

ESTIMATE OF COST					
Station	Structure	Size	Side	Remarks	Estimated Cost
0+00	Concrete Headworks			Existing	0.00
6+15.63	County Bridge 90°	16' x 12'		New-Wood	150.00
6+32	T.O.	1' x 4'	Left	" "	40.00
9+00	"	1' x 3'	Right	" "	35.00
9+10	Check	2-3 Bays		" "	140.00
17+80	T.O.	2' x 3'	"	" "	45.00
17+90	Check	2-3 Bays		" "	140.00
19+00	Concrete Lining	2"		extends to sta 22+05	635.00
22+60	T.O.	1' x 3'	Left	New-Wood	35.00
25+70	" "	1' x 4'	Right	" "	40.00
27+70	" "	1' x 3'	Left	" "	35.00
27+80	Check	2-3 Bays		" "	140.00
33+10	T.O.	1' x 4'	"	" "	40.00
33+46	County Bridge			Existing	0.00
34+60	T.O.	1' x 4'	Right	New-Wood	40.00
35+25	County Bridge			Existing	0.00
35+50	T.O.	1' x 3'	"	New-Wood	35.00
35+60	Check	2-3 Bays		" "	140.00
37+58	T.O.	1' x 3'	Left	" "	35.00
38+76	" "	1' x 4'	Right	" "	40.00
43+38	" "	1' x 3'	"	" "	35.00
43+50	Check	2-3 Bays		" "	140.00
43+70	Farm Bridge	12' x 12'		" "	130.00
47+60	T.O.	1' x 3'	Right	" "	35.00
" "	" "	2' x 3'	Left	" "	45.00
50+50	" "	1' x 3'	Right	" "	35.00
50+60	Check	2-3 Bays		" "	140.00
51+00	Farm Bridge	12' x 12'		" "	130.00
54+34.1	Metal Flume	#120-66'		New Construction	800.00
55+50	T.O.	2' x 3'	Left	New-Wood	45.00
55+60	Check	2-3 Bays		" "	140.00
68+	T.O.	2' x 3'	"	" "	45.00
69+00	Drop & Check	2-3 Bays & 1' Drop		" "	150.00
72+00	T.O.	2' x 3'	Right	" "	45.00

Total Field Cost - Structures 3680.00
 11,600 C.Y. Excavation @ 30 per cu 348000
 Total Field Cost 7160.00
 Overhead 15% Contingencies 5% Total 20% 1432.00
 Grand Total \$ 8592.00

RIGHT OF WAY				
Stations	Left	Right	Remarks	
0+00 to 6+16	30'	40'	Borrow both sides. County Road adjacent no operating road.	
6+16 to 19+00	20'	45'	Borrow on right. 10' operating rd. on right.	
19+00 to 34+70	30'	35'	Borrow both sides. 10' " " " "	
34+70 to 40+00	20'	35'	Borrow on right. existing road on left.	
40+00 to 48+00	35'	35'	Borrow both sides. " " " "	
48+00 to 53+75.2	16'	50'	Borrow on right. " " " "	
53+75.2 to 55+30.6	—	—	Present Mesa Drain R/W	
55+30.6 to 72+00 (end)	25'	20'	Ditch is 90' from & of Drain Borrow from spoil bank on right.	

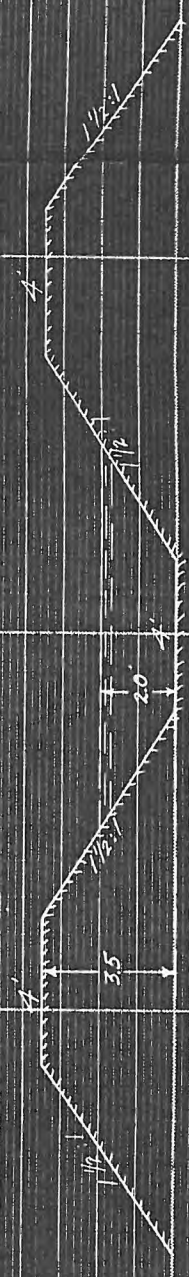
REFERENCES:
 Location notes in F.B. 337
 Level notes in F.B. 350

Station	
0+00	C
6+15.62	C
6+32	T
9+00	C
9+10	C
17+80	T
17+90	C
19+00	C
22+60	T
25+70	"
27+70	"
27+80	C
33+10	T
33+46	C
34+60	T
35+25	C
35+50	T
35+60	C
37+58	T
38+76	"
43+38	"
43+50	C
43+70	T
47+60	T
"	"
50+50	"
50+60	C
51+00	T
54+34	M
55+50	T
55+60	C

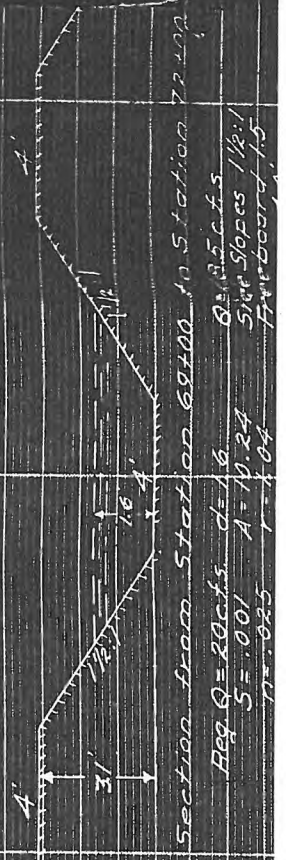
80

3610.00

3610.00



Section from Station 0+00 to Station 69+00
 Req. $Q = 22$ cfs $d = 2.0$ $Q = 22.4$ cfs
 $S = .0006$ $A = 14.00$ Side Slopes $1\frac{1}{2}:1$
 $n = .025$ $r = 1.25$ Freeboard $1.5'$
 $B = 4.0$ $V = 1.60$ Crown $4.0'$

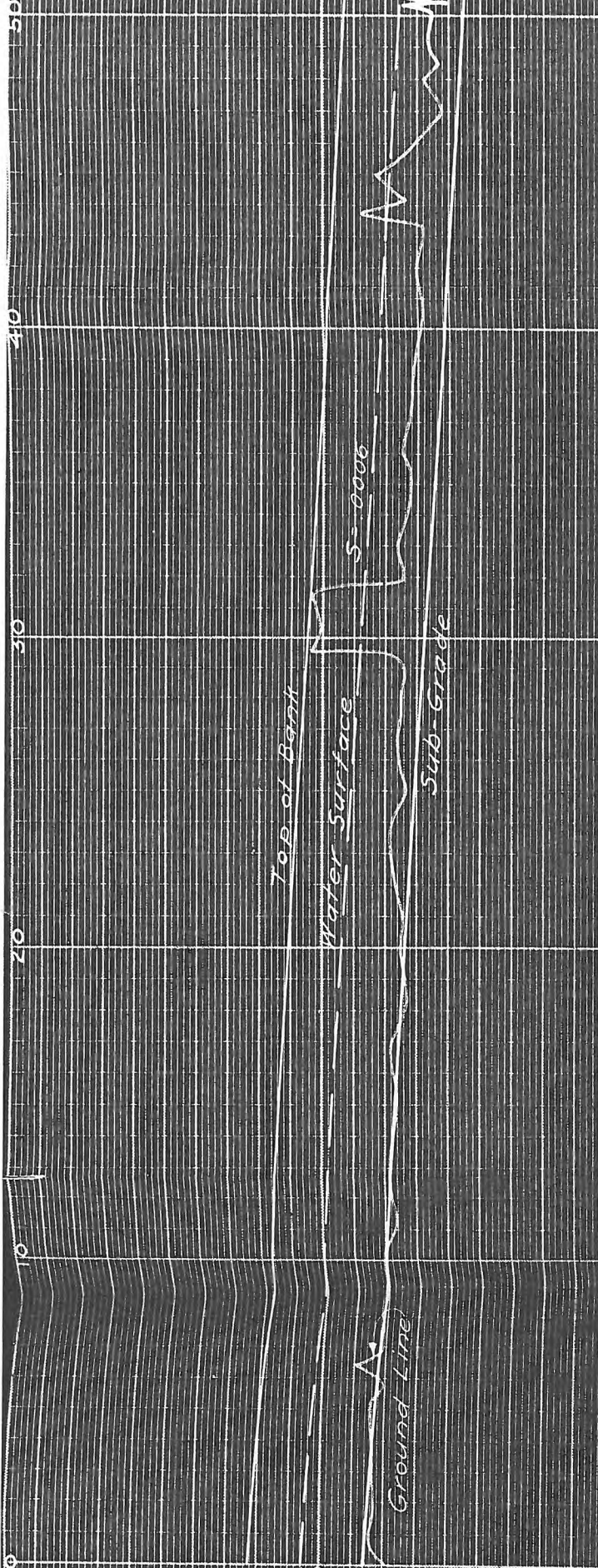


Section from Station 69+00 to Station 72+00
 Req. $Q = 20$ cfs $d = 1.6$ $Q = 19.5$ cfs
 $S = .001$ $A = 10.24$ Side Slopes $1\frac{1}{2}:1$
 $n = .025$ $r = 1.04$ Freeboard $1.5'$

50

40

Mass Drain



Typical Sections Showing Borrow Road and Right of Way

3610.00

