CITY OF

ALBUQUERQUE—NEW MEXICO

PLANS

FOR CONSTRUCTION

OF

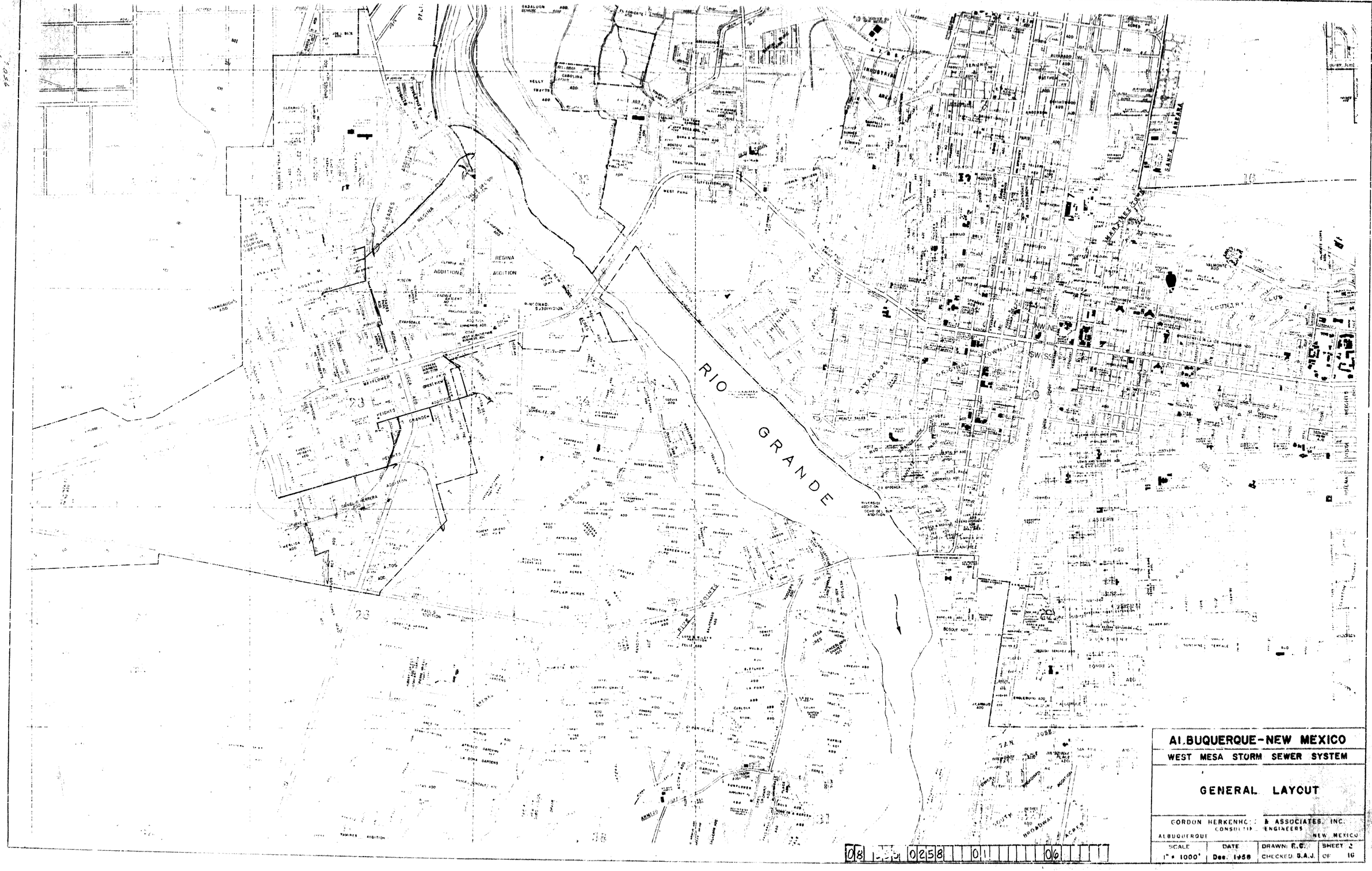
WEST MESA

STORM SEWER SYSTEM

Received 1:15 P.M.
Jan 13, 1959
E.O.B.

SET NO. 12

GORDON HERKENHOFF AND ASSOCIATES INC.



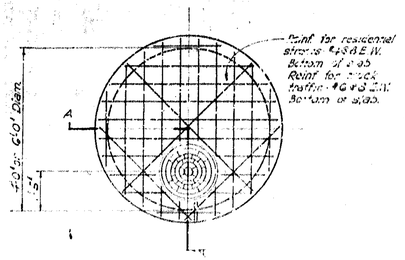
ALBUQUERQUE - NEW MEXICO

WEST MESA STORM SEWER SYSTEM

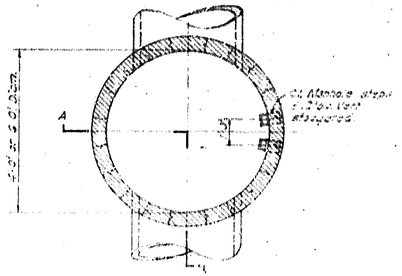
GENERAL LAYOUT

GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

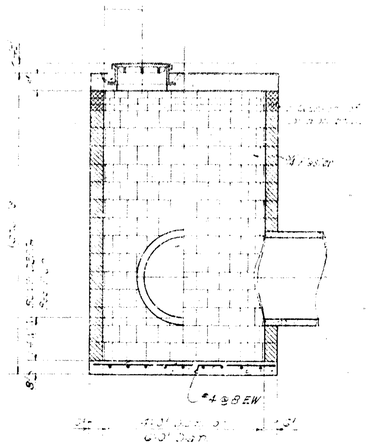
SCALE	DATE	DRAWN: E.C.	SHEET 2
1" = 1000'	Dec. 1958	CHECKED: E.A.J.	OF 16



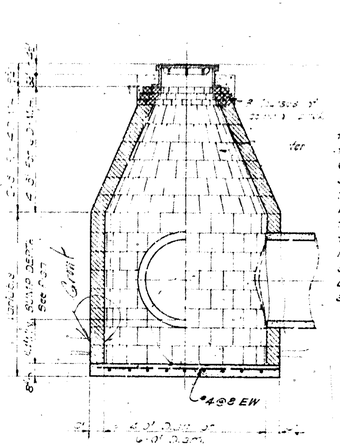
TOP PLAN OF TYPE A



SECTION A-A OF TYPE A & TYPE B

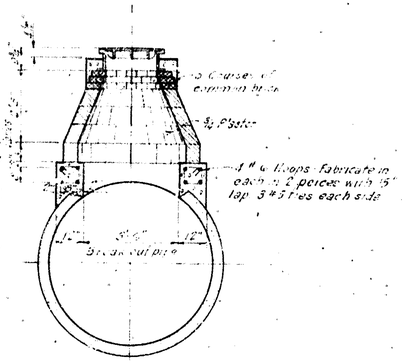


SECTION A-A TYPE A MANHOLE
(FOR SEWER OVER 15")

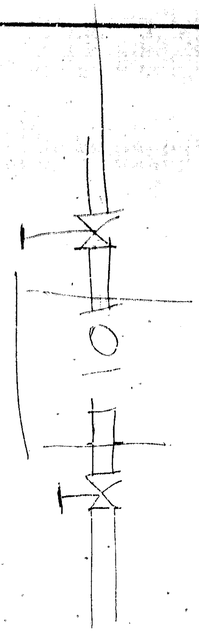


SECTION A-A TYPE B MANHOLE
(FOR SEWER OVER 15")

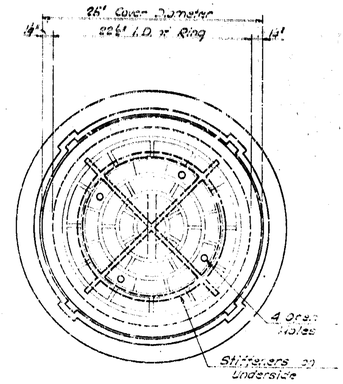
NOTE Manholes to be raised more than 12" shall be of 6' diameter barrel shall be raised and the manhole cone rebuilt. Manholes to be raised less than 12" may be raised using common brick and concrete collar as shown.



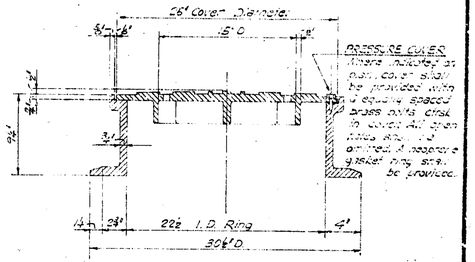
TYPE C
INTERMEDIATE MANHOLE



TYP.



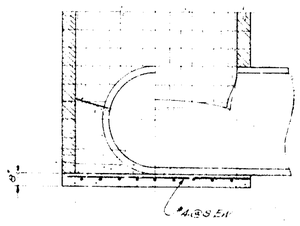
PLAN



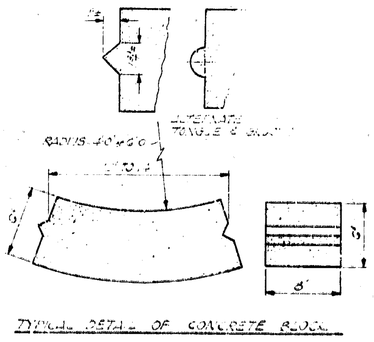
SECTION

NOTE Manhole ring and cover shall weigh not less than 400 lbs. min.

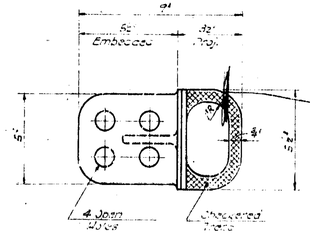
TYPICAL DETAILS OF CAST IRON MANHOLE RING AND COVER
SCALE: 1"=1'-0"



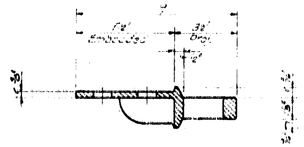
SECTION A-A TYPE A MANHOLE
(FOR SEWER OVER 15")



TYPICAL DETAIL OF CONCRETE BLOCK



ELEV.



SECTION

TYPICAL DETAILS OF STANDARD MANHOLE STEPS
SCALE 3" = 1'-0"

08 585 0358 1110

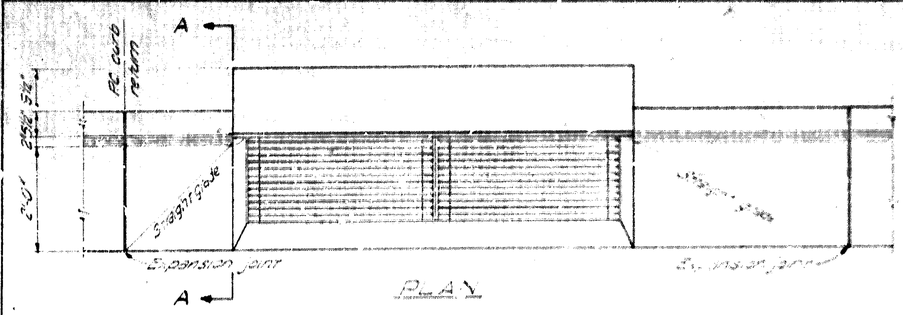
ALBUQUERQUE, NEW MEXICO

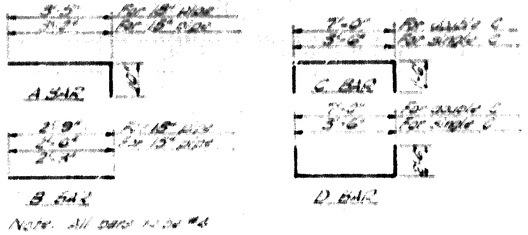
STORM SEWER STANDARDS

MANHOLE DETAILS

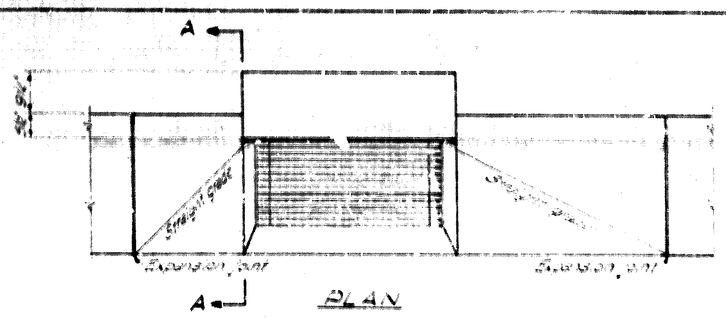
HERKENHOFF & ASSOCIATES
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

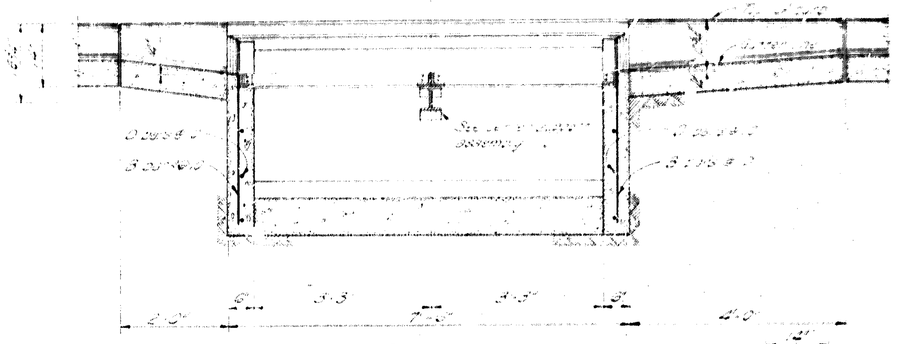
SCALE	DATE	DRAWN VFR	SHEET 3
AS SHOWN		CHECKED GAJ	0- 16

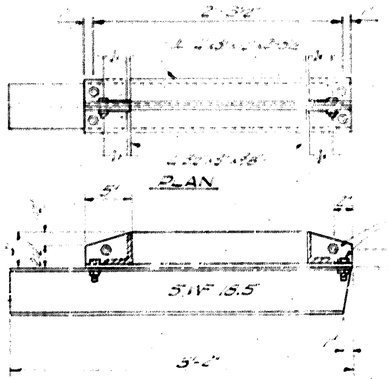


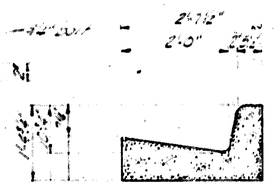


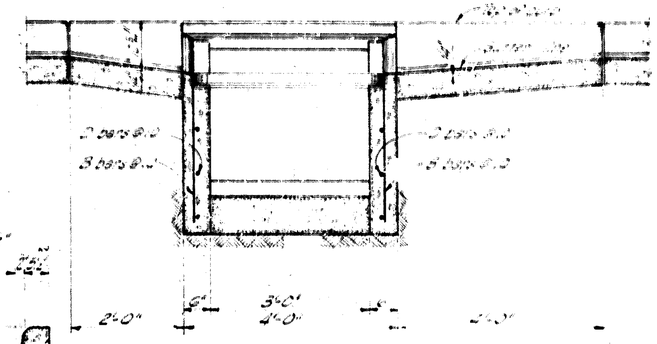
BAR BENDING DETAILS

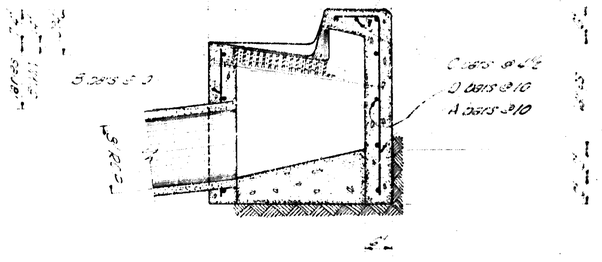


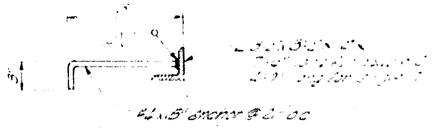


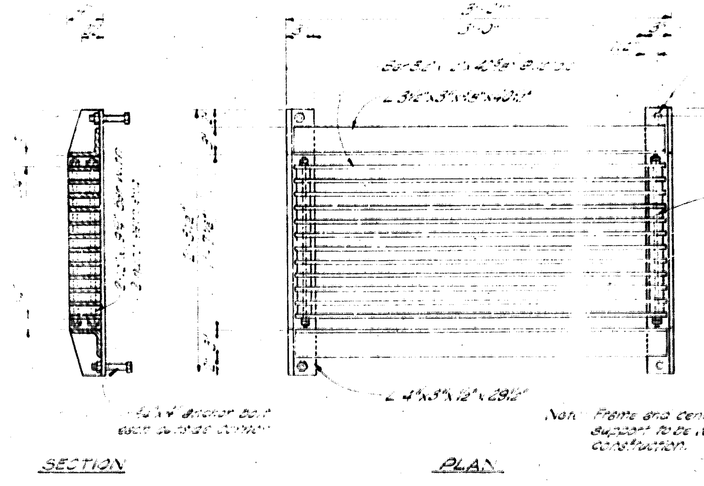


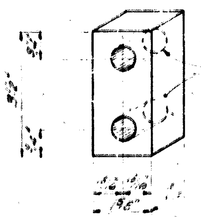


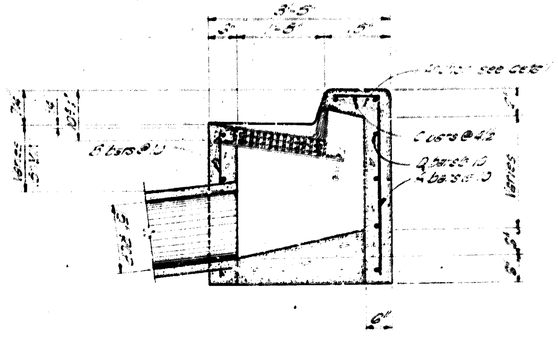












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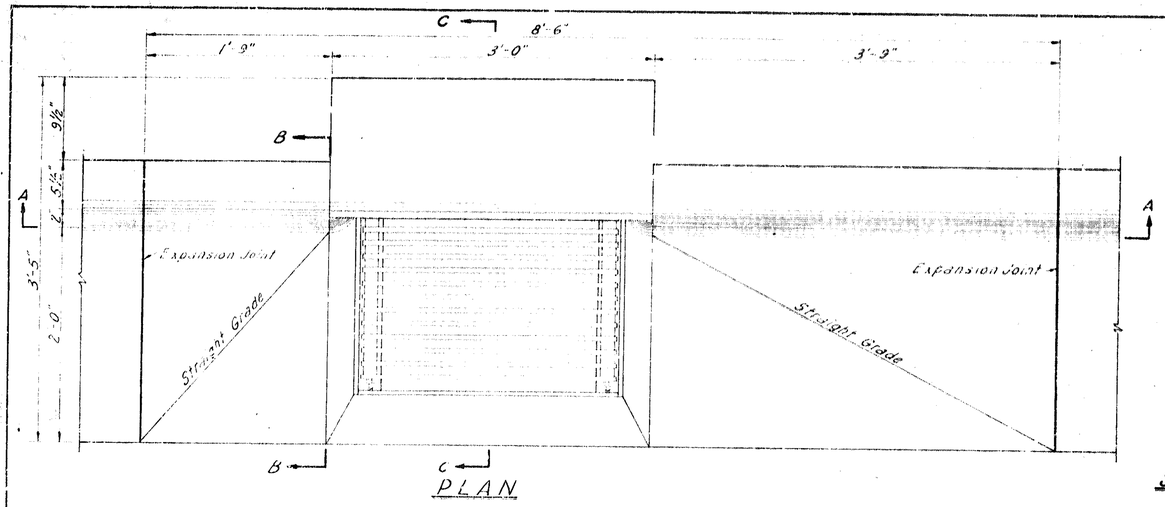
ALBUQUERQUE, NEW MEXICO

STORM SEWER STANDARDS

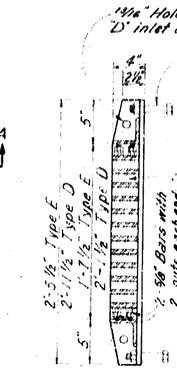
DROP INLET DETAILS
DOUBLE C AND SINGLE C

CONDON HERKENHOFF & ASSOCIATES INC
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

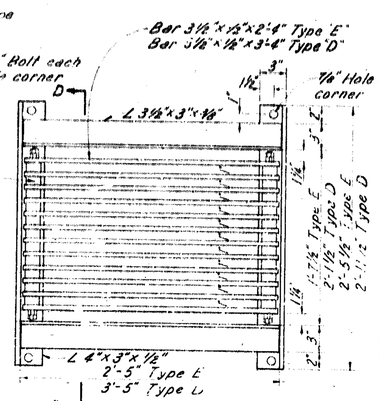
SCALE	DATE	DRAWN	SHEET 4
AS SHOWN	OCTOBER 1958	CHECKED	OF 16



PLAN

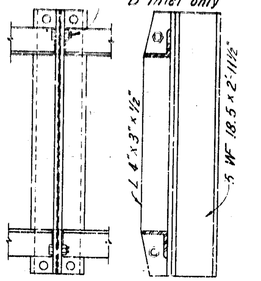


SECTION D-D

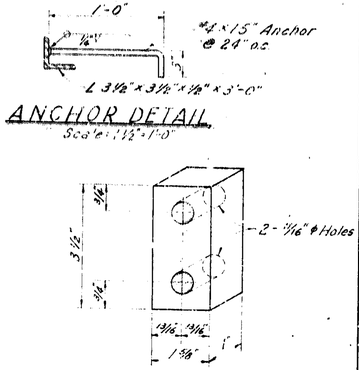


PLAN

Note:
Frame for grating and center support to be welded construction

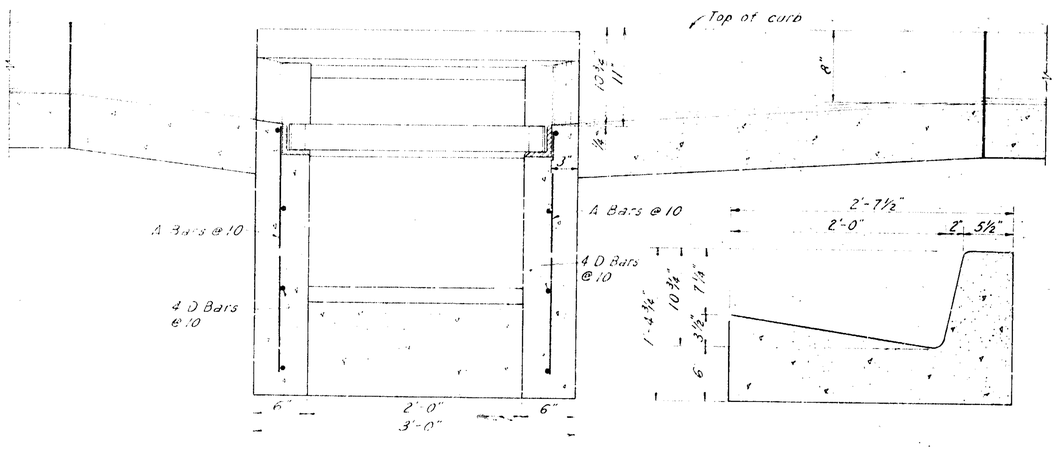


CENTER SUPPORT

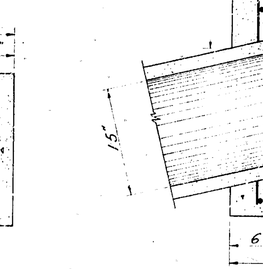


ANCHOR DETAIL
Scale: 1½"=1'-0"

SPACER DETAIL
Not to Scale

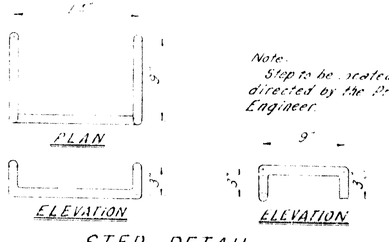


SECTION A-A



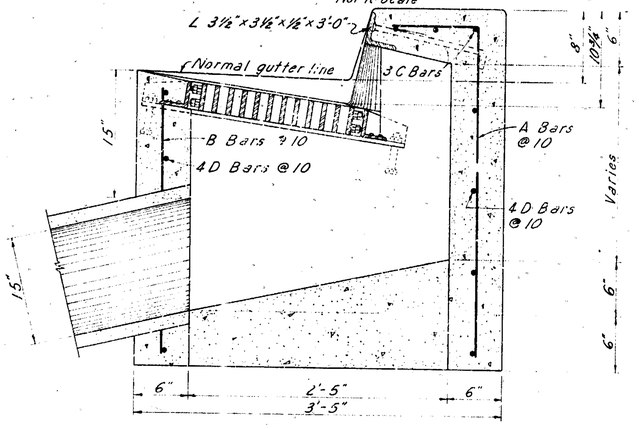
SECTION B-B
TYPE E INLET
Scale: 1½"=1'-0"

BAR BENDING DIAGRAM



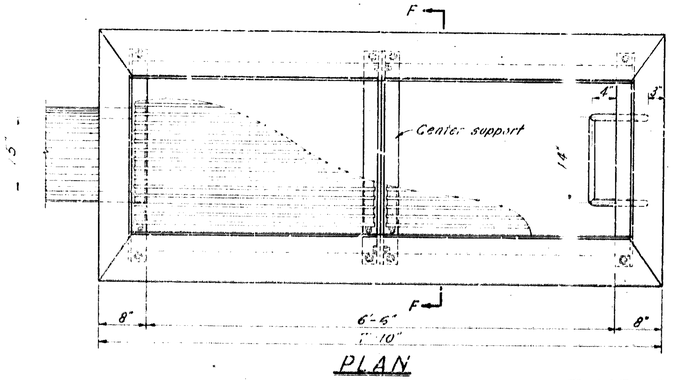
STEP DETAIL

Note:
Step to be located as directed by the Project Engineer.



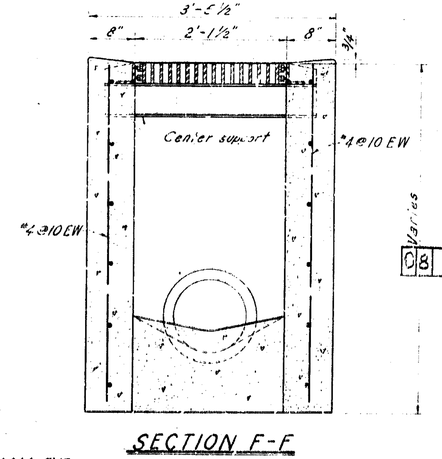
SECTION C-C

GRATING DETAILS
Not to Scale

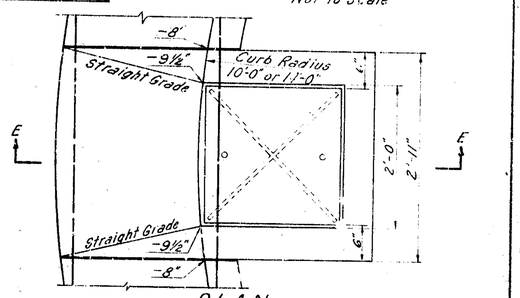


PLAN

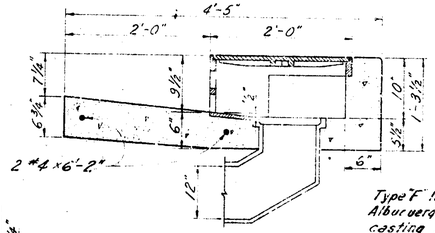
TYPE D INLET
Scale: 1"=1'-0"



SECTION F-F



PLAN



Type 'F' inlet is Albuquerque Foundry casting F-130

SECTION E-E
TYPE F INLET
Scale: 1"=1'-0"

08 585 0558 10

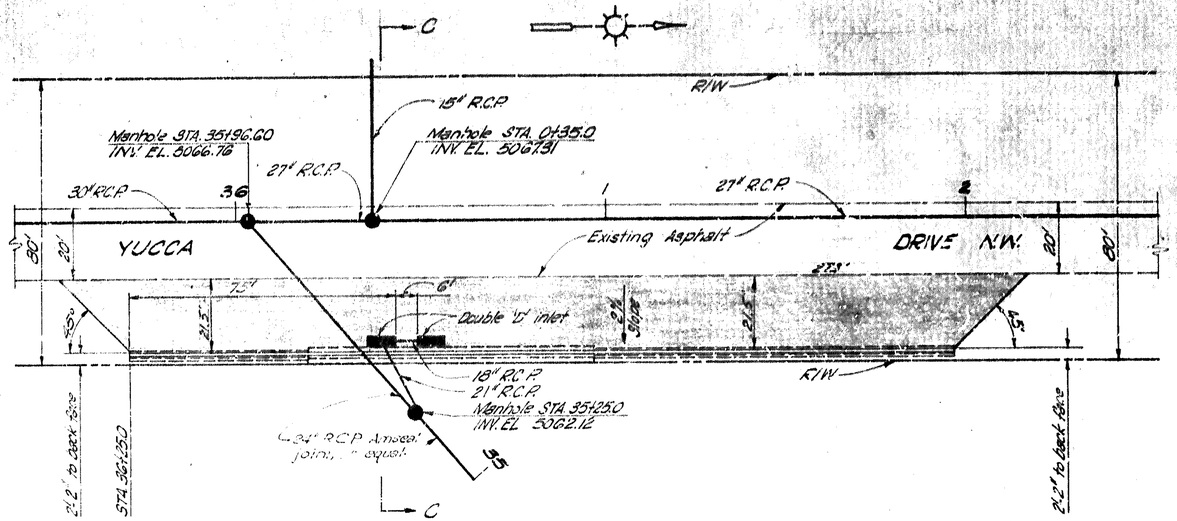
ALBUQUERQUE, NEW MEXICO

STORM SEWER STANDARDS

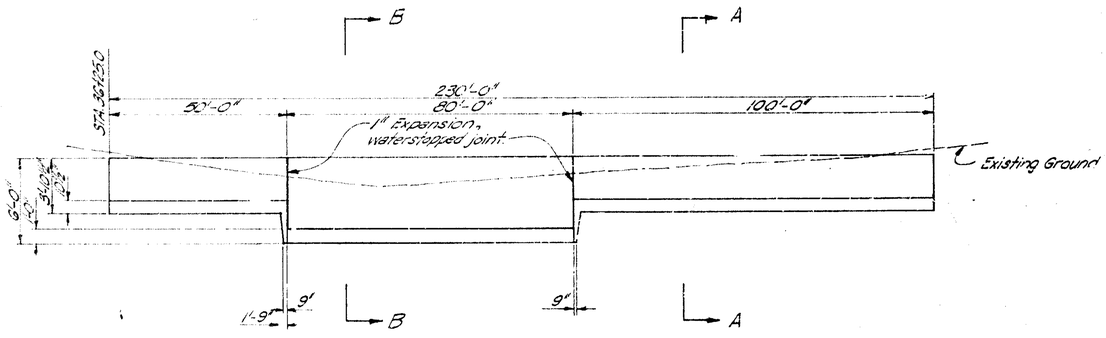
DROP INLET DETAILS TYPE D, E, AND F

GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

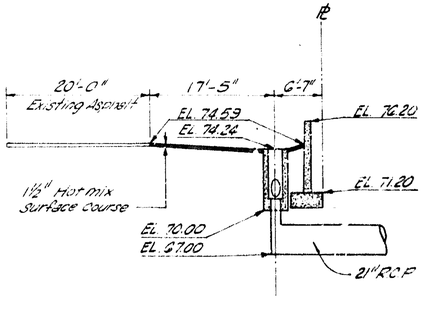
SCALE	DATE	DRAWN: RDM	SHEET 5
AS SHOWN	OCTOBER 1958	CHECKED: GAJ	OF 16



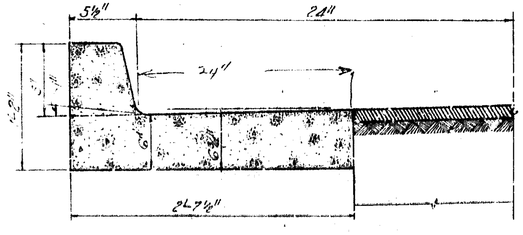
PLAN
Scale: 1"=20'



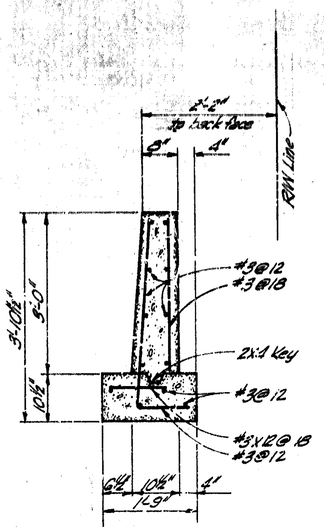
ELEVATION
Not to scale



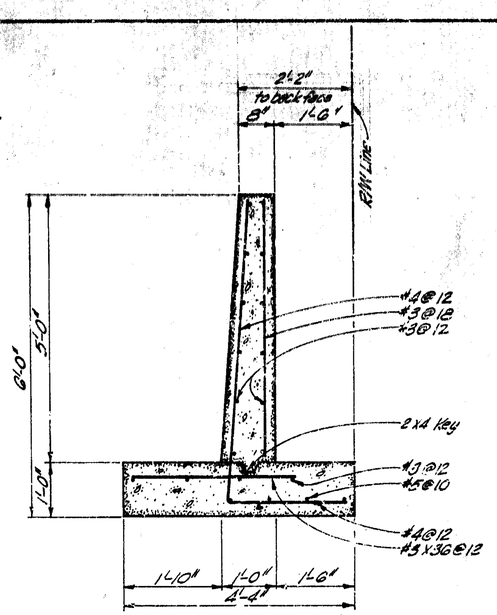
SECTION C-C
Not to scale



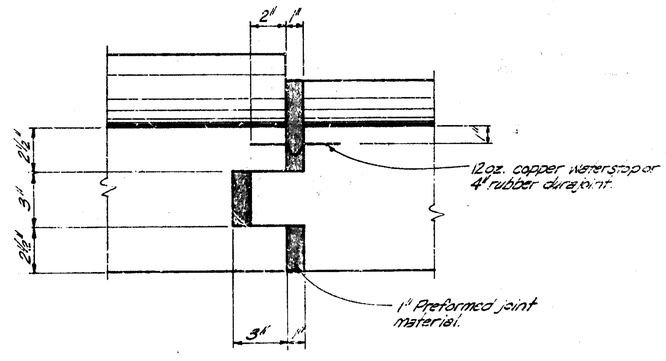
STANDARD CURB
SCALE: 1½"=1'-0"



SECTION A-A
Scale: ¾"=1'-0"



SECTION B-B
Scale: ¾"=1'-0"



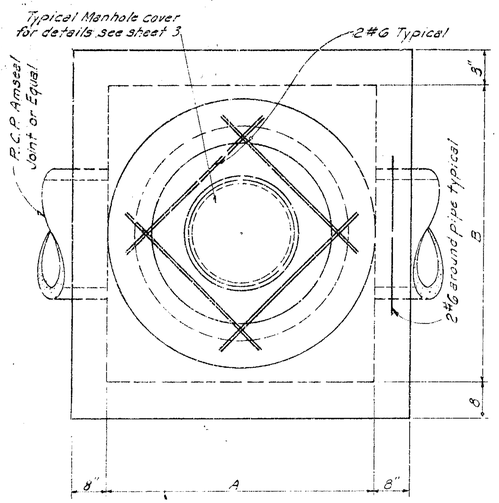
KEYED EXPANSION JOINT
Scale: 3"=1'-0"

08 585 0658 10

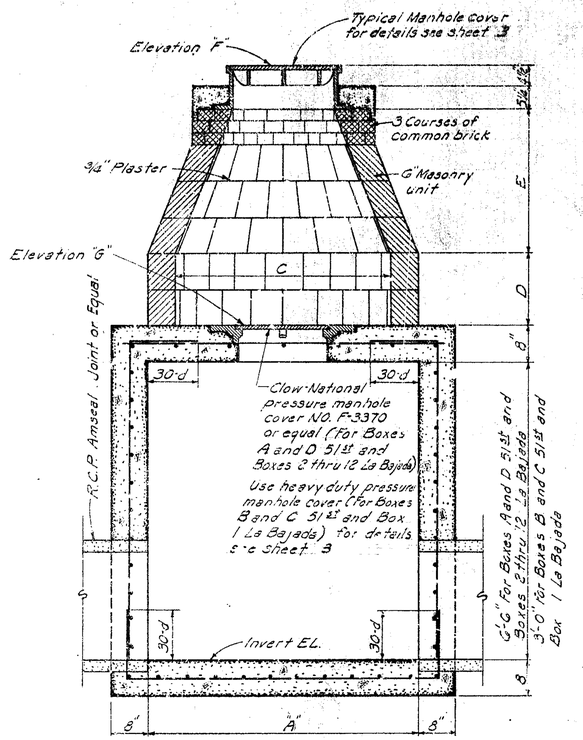
HEADWALL AT YUCCA DRIVE N.W.

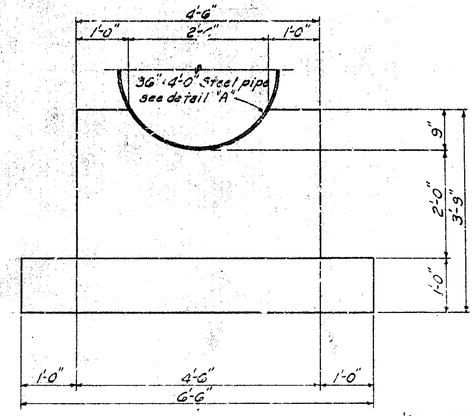
PLAN — SURVEYED, PLOTTED, QUANTITIES CHECKED, C. U. + NOTE, STRUCTURE PUTTING COVER, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO., BY, DATE

PROFILE — SURVEYED, PLOTTED, QUANTITIES CHECKED, C. U. + NOTE, STRUCTURE PUTTING COVER, NOTE BOOK, NO., BY, DATE

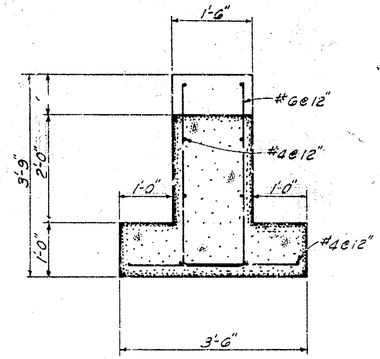


PLAN

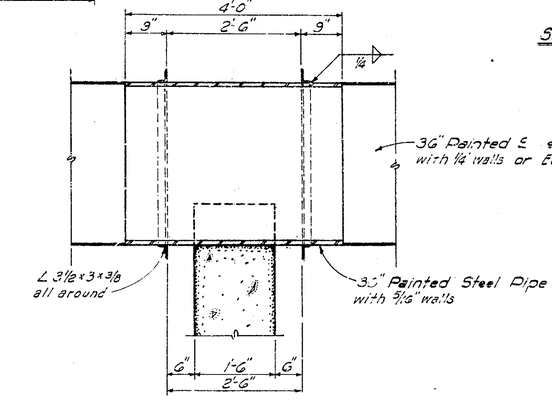




ELEVATION



SECTION



DETAIL "A"

PIPE CRADLE DETAILS

Scale: ¾"=1'-0"

SCHEDULE FOR 51st

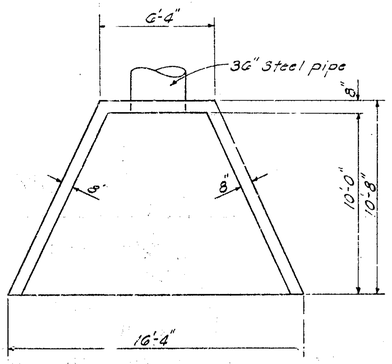
BOX	STATION	INLET	OUTLET	DIMENSIONS A	B	C	D	E	INVERT EL.	ELEVATION "G" or ELEVATION "F"	JUNCTION BOX REINFORCING ROOF	WALLS	FLOOR
A	0+51.13	24"	24"	5'-0"	5'-6"	4'-0"	0'-0"	2'-8"	4959.92	4970.92(F)	#5@14" Each way	#5@7" Each way	#4@7" Each way
B	2+79.58	24"	24"	5'-0"	5'-0"	0'-0"	0'-0"	0'-0"	4960.36	4964.53("G")	#4@12" Each way	#4@6" Each way	#4@12" Each way
C	4+32.90	24"	24"	5'-0"	5'-0"	0'-0"	0'-0"	0'-0"	4961.76	4965.43("G")	#4@12" Each way	#4@6" Each way	#4@12" Each way
D	9+01.95	24"	24"	5'-3"	5'-3"	5'-0"	10'-4½"	4'-8"	4963.04	4986.04("F")	#6@6" Each way	#6@12" Each way	#5@6" Each way

SCHEDULE FOR LA BAJADA

BOX NO	STATION	INLET	OUTLET	DIMENSIONS A	B	C	D	E	INVERT EL.	ELEVATION "G" ELEVATION	JUNCTION BOX REINFORCING ROOF	WALLS	FLOOR
1	2+51.71	30"	36"	5'-0"	5'-0"	0'-0"	0'-3"	0'-0"	4960.41	4994.98(G)	#4@12" Each way	#4@6" Each way	#4@18" Each way
2	6+75.00	30"	30"	5'-0"	5'-6"	4'-0"	0'-0"	2'-8"	4982.96	4993.96 (F)	#5@14" Each way	#6@7" Each way	#5@7" Each way
3	9+98.90	30"	30"	5'-0"	5'-6"	4'-0"	0'-0"	2'-8"	4983.17	4998.17 (F)	#5@14" Each way	#6@7" Each way	#5@7" Each way
4	11+03.20	30"	30"	5'-0"	5'-6"	4'-0"	3'-4½"	2'-8"	4991.41	5005.41 (F)	#5@14" Each way	#6@7" Each way	#5@7" Each way
5	13+68.75	42"	30"	5'-8"	5'-8"	6'-0"	10'-4½"	4'-8"	4996.63	5019.63 (F)	#6@12" Each way	#6@6" Each way	#5@6" Each way
6	15+56.00	42"	42"	5'-0"	5'-6"	4'-0"	3'-4½"	2'-8"	4997.24	5011.24 (F)	#5@16" Each way	#6@7" Each way	#5@7" Each way
7	17+00.00	42"	42"	5'-8"	5'-8"	6'-0"	7'-4½"	4'-8"	4997.72	5008.72 (F)	#6@12" Each way	#6@6" Each way	#5@6" Each way
8	21+00.00	42"	42"	5'-0"	5'-6"	4'-0"	0'-0"	2'-8"	4999.03	5010.03 (F)	#5@14" Each way	#6@7" Each way	#5@7" Each way
9	23+51.05	42"	42"	5'-0"	5'-6"	4'-0"	3'-4½"	2'-8"	5000.18	5014.18 (F)	#5@14" Each way	#6@7" Each way	#5@7" Each way
10	25+75.00	24"	42"	5'-0"	5'-6"	4'-0"	0'-0"	2'-8"	5000.59	5011.59 (F)	#5@14" Each way	#5@7" Each way	#4@7" Each way
11	29+50.00	24"	24"	5'-0"	5'-6"	4'-0"	0'-0"	2'-8	5024.83	5035.88(F)	#5@14" Each way	#6@7" Each way	#5@7" Each way
12	33+00.00	24"	24"	5'-0"	5'-6"	4'-0"	3'-4½"	2'-8	5047.55	5061.55("F")	#5@14" Each way	#6@7" Each way	#5@7" Each way

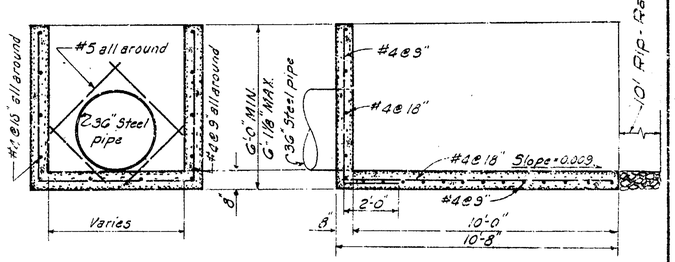
JUNCTION BOX DETAILS

Not To Scale



PLAN

Scale: ½"=1'-0"



TRANSERSE SECTION

Scale: 3/8"=1'-0"

LONGITUDINAL SECTION

Scale: 3/8"=1'-0"

FLUME OUTLET DETAILS

PLAN / PROFILE — DATE / BY / SURVEYED / DRAWN / ALIGNMENT CHECKED / R/T. OF WAY CHECKED / NOTE BOOK / NO. / GRADES CHECKED / B. M. NOTED / STRUCTURE DRAWING NO. / S.E.

DATE / BY / SURVEYED / DRAWN / ALIGNMENT CHECKED / R/T. OF WAY CHECKED / NOTE BOOK / NO. / GRADES CHECKED / B. M. NOTED / STRUCTURE DRAWING NO. / S.E.

CHARLES BRUNING COMPANY, INC.

VISTA DEL SOL ADDITION

P.I. 2+79.58
Δ= 20°20' LT.

Existing M.H. STA. 0+00

CENTRAL AVE.

M.H.

M.H.

51 ST.

STREET 4 S.W.

NOTE:
Build up street with fill material and compact to maximum density. Station 2+00 to 5+75. There shall be no compensation for this item of work.

Junction Box A

P.I. 0+51.18
Δ = 98°59' LT.

Barb wire fence

Junction Box B
STA. 2+79.58

Junction Box C
STA. 4+32.90

P.I. 4+92.90
Δ= 42°15' RT.

1" Iron pipe

1" Iron pipe

Reference point
P.I. STA. 4+92.90

P.I. 8+01.45
Δ= 3° 42' RT.

Junction Box D
STA. 8+01.45

P.I. 12+14.02
Δ= 90°03' RT.

N.W. ROAD

6' Dia. Manhole
INV. EL. = 4983.84

Stub out & plug one joint of 36" R.C.P.

51 ST.

6 STREET S.W.

CHURCHILL

1" Iron pipe

Reference point
P.I. STA. 12+14.02

Hub and tack

Reference point
P.I. STA 8+01.45

VISTA DEL SOL ADDITION

Junction Box A
INV. EL. = 4959.92

Existing Ground

24" AM Seal R.C.P.
S = .00416

Junction Box B
INV. EL. = 4962.58

Junction Box C
INV. EL. = 4974.22

Junction Box D
INV. EL. = 4988.22

6' Dia. MH
INV. EL. = 4994.70

S = .00416

24" AM Seal R.C.P.

S = .00415

24" AM Seal R.C.P.

S = .02173

36" R.C.P.

S = .00415

24" AM Seal R.C.P.

Existing M.H.
Invert = 4958.18

4+32.90

8+01.45

12+14.02

4970
4965
4960
4955
4950
4945

5005
5000
4995
4990
4985
4980

-1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

LAS TRES HERMANS ADDITION

RIO GRANDE HEIGHTS ADDITION

15" Inlet Lines
6' Dia. Manhole
Inv. El. = 4992.49

NOTE: Curb, Gutter and paving by others.

CHURCHILL ROAD

Single "C" Inlets

Reference point
STA. 14+00
wood hub

wood hub

CRESTVIEW DR.

Extend to Crestview Pl.

15" Inlet Lines
6' Dia. Manhole
INV. EL. = 4993.59

Single "C" Inlets

8" Iron pipe

Land of Jones E. Finley

Reference point
STA. 21+03.65

1" Iron pipe

Single "C" Inlet

15" Inlet Lines
6' Dia. Manhole
INV. EL. = 4994.70

Single "C" Inlet

6' Dia. Manhole
INV. EL. = 4995.76

15" Inlet Lines

COORS BLVD.

Edge of Alley

Edge of Alley

VISTA DEL SOL ADDITION

CRESTVIEW ADDITION

UCCA ADDITION

MAY FLOWER HEIGHTS ADD

Existing Ground

6' Dia. MH
INV. EL. = 4990.89

6' Dia. MH
INV. EL. = 4994.70

6' Dia. MH
INV. EL. = 4995.76

S = .02173
36" R.C.P.

S = .00403
48" R.C.P.

S = .00418
48" R.C.P.

S = .00277
48" R.C.P.

S = .00234
48" R.C.P.

5020
5015
5010
5005
5000
4995
4990
4985

13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

PLATE 2—PLAN-PROFILE O. P. R. & R. E.
100% RAG TRANSPARENTIZED TRACING PAPER—MADE IN U. S. A.
CHARLES BRUNING COMPANY, INC.

WEST MESA STORM SEWER SYSTEM SHEET 8 OF 16

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
ASSISTANT CHECKED
R. M. KISTED
ST. OF VAY CHECKED
STRUCTURE NOTATIONS CHCK

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
BY
DATE
ASSISTANT CHECKED
R. M. KISTED
STRUCTURE NOTATIONS CHCK

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / ALIGNMENT CHECKED / STRUCTURE NOTATIONS CHECKED — NOTE BOOK — NO. — DATE — BY

VISTA DEL SOL ADDITION

P.I. 2+79.58
Δ= 20°20' LT.

Existing M.H. STA. 0+00

CENTRAL AVE.

M.H.

1 5520'

51 ST.

2

114.48'

STREET 4 S.W.

barb wire fence

Junction Box A
P.I. 0+51.19
Δ = 98°59' LT.

Junction Box B
STA. 2+79.58

NOTE.
Build up street with fill material and compact to maximum density. Station 2+00 to 5+75. There shall be no compensation for this item of work.

Junction Box C
STA. 4+32.90

P.I. 4+92.90
Δ=42°15' RT.

1" Iron pipe

93°39'

8" Iron pipe

Reference point
P.I. STA. 4+92.90

23 24 25 26 27 28 29 30

P.I. 8+01.45
Δ= 3°42' RT.

Junction Box D
STA. 8+01.45

P.I. 12+14.02
Δ= 90°03' RT.

N.W. ROAD.

6' Dia. Manhole
INV. EL. = 4983.84

Stub out & plug one joint of 36" R.C.P.

132.28' 76.14' 87.58' 65' 60' 60' 90' 105'

50'

6 51 ST. 7 8 9 STREET 10 S.W. 11 12

50' 61' 65' 11 11 11 11 65'

22 21 20 19 18 17 16 15 14 13 12

Hub and tack

Reference point
P.I. STA. 8+01.45

91.48'
1" Iron pipe
Reference point
P.I. STA. 12+14.02

CHURCHILL

4970 4965 4960 4955 4950 4945

Junction Box A INV. EL. = 4973.92
Junction Box B INV. EL. = 4962.84
Junction Box C INV. EL. = 4952.90
Junction Box D INV. EL. = 4945.45
6' Dia. M.H. INV. EL. = 4983.84
Existing M.H. C.I.D.O.T. INV. EL. = 4959.91
Existing Ground
24" A.M. Seal R.C.P. S=.00416
24" A.M. Seal R.C.P. S=.00416
24" A.M. Seal R.C.P. S=.00416
24" A.M. Seal R.C.P. S=.03041
24" A.M. Seal R.C.P. S=.03041
36" R.C.P. S=.02173
C=71.8
C=72.38
4+32.90
8+01.45
12+14.02

5005 5000 4995 4990 4985 4980

-1 0 1 2 3 4 5 6 7 8 9 10 11 12 13

LAS TRES HERMANS ADDITION — RIO GRANDE HEIGHTS ADDITION

15" Inlet Lines
6' Dia. Manhole
Inv. El. = 4992.49

NOTE Curb, Gutter and paving by others.

DR

34 35 1 40 41 98 99

115' 115' 115' 106.82' 106.82' 125' 150' 184'

CHURCHILL ROAD

Single "C" Inlet

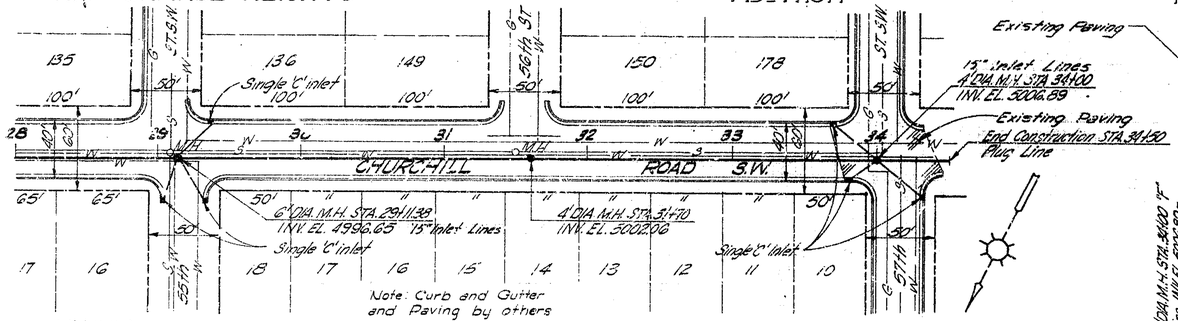
15" Inlet Lines
6' Dia. Manhole
INV. EL. = 4994.70

Single "C" Inlet

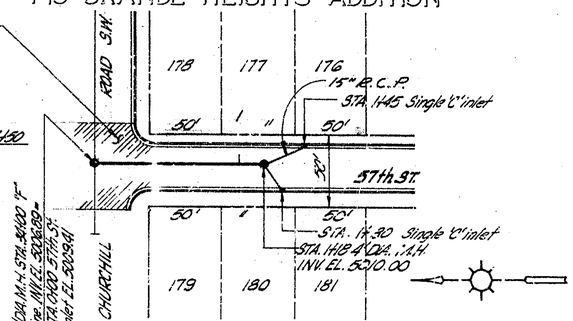
13 S 14 15 16 S 17 18 M.H. 19 S 20 21 22 23 S 24 S 25 26 S 27 28

W W W

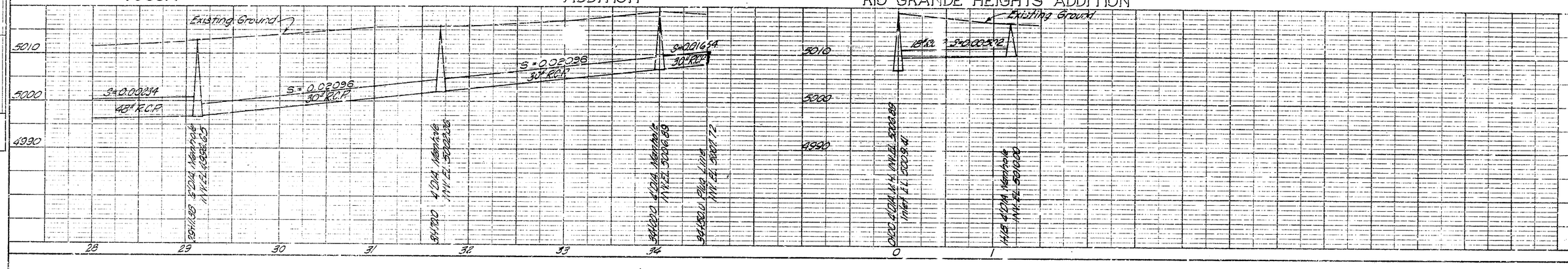
RIO GRANDE HEIGHTS ADDITION



RIO GRANDE HEIGHTS ADDITION



YUCCA ADDITION



RIO GRANDE HEIGHTS ADDITION

08 585 0958 01 57 11 2

PLATE 2—PLAN-PROFILE O. P. R. & R. E.
1005 RAG TRANSPARENTIZED TRACING PAPER—MADE IN U. S. A.
CHARLES BRUNING COMPANY, INC

RIO GRANDE HEIGHTS ADDITION

RIO GRANDE HEIGHTS ADDITION

RIO GRANDE HEIGHTS ADDITION FIELD ADDITION

PLAN

PROFILE

PLATE 2-PLAN-PROFILE O. P. R. R. E.
100% RAG TRANSPARENT-TEX TRACING PAPER-MADE IN U. S. A.
CHARLES BRUNING COMPANY, INC

6' Dia. M.H. STA. 28+80
INV. ELEV. = 5002.06

6' Dia. M.H. STA. 31+60
INV. ELEV. = 5002.56

6' Dia. M.H. STA. 34+39.3
INV. ELEV. = 5003.06

4' Dia. M.H. STA. 37+19.5
INV. ELEV. = 5005.73

4' Dia. M.H. STA. 39+94
INV. ELEV. = 5007.23

GONZALES ROAD, S.W.

CARLOS REY SUBDIVISION

67'

160'

73'

50'

64TH ST.

65TH ST.

MERIDA

15" R.C.P.

Build Single "C" Inlets

Build Single "C" Inlets

Alley

S=.00158
42" R.C.P.

S=.00178
36" R.C.P.

S=.00178
36" R.C.P.

S=.00975
24" R.C.P.

S=.00975
24" R.C.P.

6' Dia. M.H. STA. 28+80
INV. ELEV. = 5002.06

6' Dia. M.H. STA. 31+60
INV. ELEV. = 5002.56

6' Dia. M.H. STA. 34+39.3
INV. ELEV. = 5003.06

4' Dia. M.H. STA. 37+19.5
INV. ELEV. = 5005.73

4' Dia. M.H. STA. 39+94
INV. ELEV. = 5007.23

5015
5010
5005
5000

28 29 30 31 32 33 34 35 36 37 38 39 40

34+39.3
16
33+23.3
31+50
2 73.3

09.80
1.04
10.84

08585 11158 01 57112

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
COMPUTED
CHARTS CHECKED
R. M. # NOTED
STRUCTURES NOTATING CHECK
DATE
BY

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
COMPUTED
CHARTS CHECKED
R. M. # NOTED
STRUCTURES NOTATING CHECK
DATE
BY

PLATE 2-PLAN-PROFILE O. P. R. & R. E.
100% RAG TRANSPARENTIZED TRACING PAPER-MADE IN U. S. A.
CHARLES BRUNING COMPANY, INC

PLAN — SURVEYED / PLOTTED / NOTE BOOK / NO. / DRAWN CHECKED / BY / ST. LT. MAY CHECKED / DATE

PROFILE — SURVEYED / PLOTTED / NOTE BOOK / NO. / DRAWN CHECKED / H. & V. NOTED / STRUC. OFF. NOTATIONS CHECK / DATE

THE PALISADES ADDITION

E Channel

OHLG

Heavy Tamarisk

Area

Water

Sta. 2+84 Begin Flume

Sta. 2+84 Begin Pipe

Pipe Support Sta. 3+13.83

Concrete Aqueduct

Pipe Support Sta. 4+19.83

Water

Junction Box NO.1
STA. 4+21.71

Pl. STA. 4+18.28
Δ = 18°28'
Left

Junction Box NO.2
STA. 6+75.00

Bluff

Ridge on

San. Sewy M.H.

2 wire

Sanitary M.H.

Road

Dirt

Pl. STA. 8+88.80
Δ = 2°00' Right

R30'

52.14'

Junction Box NO.3
STA. 8+88.90

83.87'

Junction Box NO.4
STA. 11+03.60

Pl. STA. 11+03.60
Δ = 14°12' Left

75.30'

LA BAJADA

ROAD N.W.

75.10'

65'

LA SUBIDA

Junction Box NO.5
STA. 13+68.25

Pl. STA. 13+68.25
Δ = 9°45' Left

41.30'

59.90'

70.71'

65.14'

59.95'

Bend STA. 3+43.83
INV. ELEV. 4959.86

Beg. Flume Sta. 0+00
2'-4" Beg. Flume El. 4953.11
2'-8" Beg. Pipe El. 4952.61

Junction Box NO.1
STA. 4+21.71
INV. EL. 4960.61

30" R.C.P. Amsel
S=0.08903

S=0.00975

36" Steel

Bend STA. 3+43.83
INV. ELEV. 4959.86

Junction Box NO.2
STA. 6+75.00
INV. EL. 4962.36

S=0.08903
30" R.C.P. Amsel

S=0.01970709
30" R.C.P. Amsel

Junct. Str. Box
STA. 8+88.90
INV. EL. 4958.18

Junction Box NO.3
STA. 8+88.90
INV. EL. 4959.91

S=0.01970709
30" R.C.P. Amsel

Junction Box NO.4
STA. 11+03.60
INV. EL. 4959.91

S=0.00328.29
42" R.C.P. Amsel

Junction Box NO.5
STA. 13+68.25
INV. EL. 4959.43

4960
4950
4970
4930
4980
4910
4990

0+00 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

THE PALISADES ADDITION

Pl. STA. 15+55.50
Δ = 9°22'30" Right
599.8'

Junction Box NO.6
STA. 15+55.00

Junction Box NO.7
STA. 17+00.00

Junction Box NO.8
STA. 21+00.00

Junction Box NO.9
STA. 24+51.05

Pl. STA. 24+51.05
Δ = 4°52'12" Right

Junction Box NO.10
STA. 25+75.07

Junction Box NO.11
STA. 29+50.00

LOMAS DE ATRISCO RD.

S DE SCO RD.

PALISADES PARK

LA BAJADA ROAD N.W.

6829'
60'
71.54'
60.04'
R30'
66.99'
85'
75'
65'
60'
60.91'
61.59'
80'
90.87'
60.06'
60.13'
65.26'
R30'
65'
85'
80'

Junction Box NO.5
STA. 15+55.00
INV. ELEV. 4995.08

Junction Box NO.6
STA. 17+00.00
INV. ELEV. 4997.60

6'-0" Dia. Junction Box NO.7
INV. ELEV. 4999.00

6'-0" Dia. Junction Box NO.8
INV. ELEV. 5000.38

Junction Box NO.9
STA. 24+51.05
INV. ELEV. 5000.38

6'-0" Dia. Junction Box NO.10
INV. ELEV. 5000.38

Junction Box NO.11
STA. 29+50.00
INV. ELEV. 5000.49

S=0.00528.29
42" R.C.P. Amsel

S=0.00328.29
42" R.C.P. Amsel

S=0.00328.29
42" R.C.P. Amsel

S=0.00828.29
42" R.C.P. Amsel

S=0.0024.709
36" R.C.P. Amsel

5030
5020
5010
5000
4990

15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

PLATE 2—PLAN—PROFILE O. P. R. R. E.
100% RAG TRANSPARENTIZED TRACING PAPER—MADE IN U. S. A.
CHARLES BRUNING COMPANY, INC.

THE PALISADES ADDITION

LA VICTORIA SUBDIVISION

LA BAJADA ROAD N.W.

Junction Box NO.12
STA. 33+00.0

DRIVE N.W.

PAT HURLEY PARK

2-Double "D" Inlets

Concrete post

DR. N.W. 37

New 4' DIA. manhole

New 4' DIA. manhole

21" R.C.P.

2'-2"

6'-0" dia. C.M.P.

Headwall For details see sheet 2

PAT HUPLEY PARK

1" Iron pipe

YUCCA DRIVE N.W.

Oilmat

New 4' DIA manhole

UNPLATED LAND

New 4' Dia. manhole

BLUEWATER ROAD N.W.

New 4' DIA. manhole

369.65'

ALLEY

THE PALISADES ADDITION

Junction Box NO.12
STA. 33+00
INV. EL. 5047.35

New M.H.
STA. 35+96.00
INV. EL. 5042.12

New M.H.
STA. 38+00
INV. EL. 5036.76

New M.H.
STA. 41+25
INV. EL. 5032.45

Slope = 0.0647709
24" R.C.P. Amoco

S=0.00039
30" R.C.P.

S=0.01074
30" R.C.P.

S=0.0039
30" R.C.P.

LAVALAND ADDITION

THE PALISADES ADDITION

Existing 12" RCP

Existing inlet

Existing inlet

Existing manhole

New 4' DIA. manhole

Existing inlet

Note: Plug 18" line to west

New 4' DIA. manhole

Unplatted land

Unplatted land

Edge of oil

ANCHO COURT

Single "C" inlets

Note: Pour concrete bottom in manhole.

LAVALAND ADDITION

THE PALISADES ADDITION

New M.H.
STA. 45+51.39

Existing M.H.
STA. 47+10.6

New M.H.
STA. 47+88

New M.H.
STA. 50+80.6

Existing M.H.
STA. 52+51.7

New M.H.
STA. 0+00
INV. EL. 5072.58

Existing M.H.
STA. 2+38.6
INV. EL. 5072.45

S=0.00039
30" R.C.P.

S=0.00135
30" R.C.P.

S=0.00435
30" R.C.P.

S=0.0178
24" R.C.P.

S=0.00188
24" R.C.P.

INV. EL. 5074.81

INV. EL. 5075.67

INV. EL. 5076.04

INV. EL. 5077.00

INV. EL. 5080.03

PLATE 2-PLAN-PROFILE O. P. R. & R. E.
100% ALL TRANSPARENCIES PHOTOGRAPHICALLY REPRODUCIBLE

WEST MESA STORM SEWER SYSTEM SHEET 13 OF 16

PALISADES PARK ADDITION

Note: Build Standard Curb and Gutter Set for Future 40' St. See Section

Oilmat

Oilmat

1" iron pipe

Curb and Gutter

Grading, Prime Coat and 1½" Surface Course

Existing Oil Pavement

PAVING SECTION

LAVALAND ADDITION

VICTORIA SUBDIVISION

LA VICTORIA SUBDIVISION

Top o.f Curb Grades

Existing Ground

-0.46038%

-2.82%

-1.39438%

LAVALAND ADDITION

THE PALISADES ADDITION

Unplatted land

Unplatted land

Existing Single C inlets

Note: Pour Concrete Bottom in Manhole

LAVALAND ADDITION

THE PALISADES ADDITION

Existing Ground

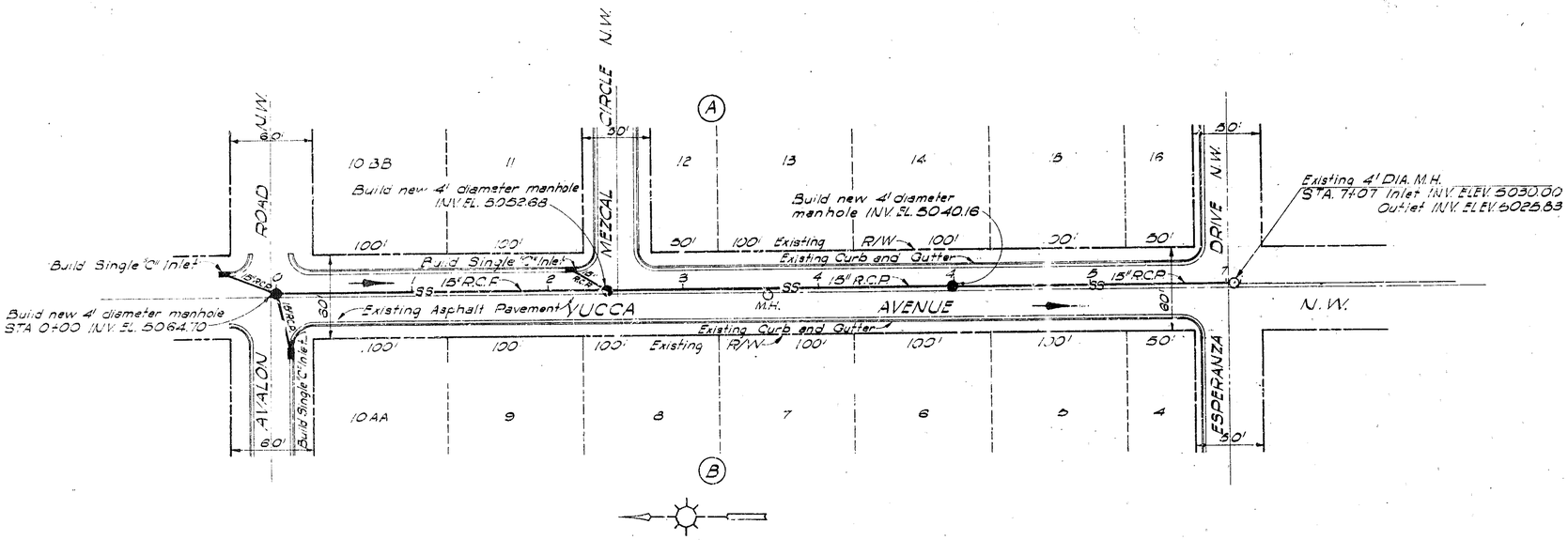
5=0.01465

15" R.C.P.

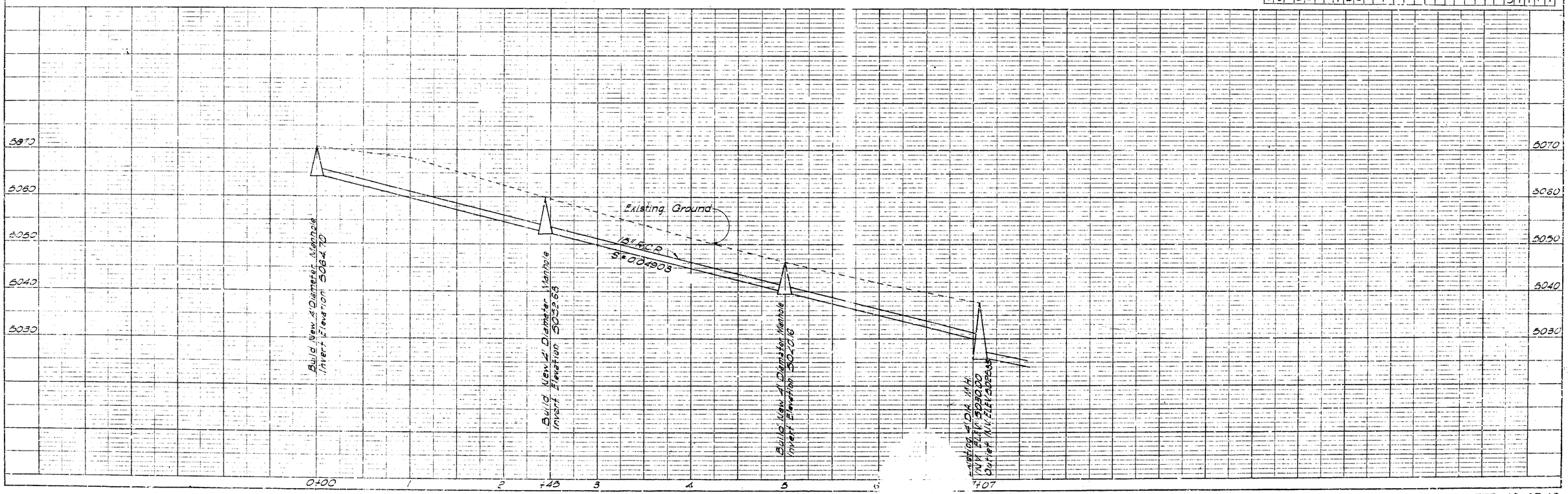
PLAT 2—PLAN—PROFILE O. P. R. & R. E.
100% BAR TRANSPARENTIZED TRACING PAPER MADE IN U. S. A.
CHARLES BRUNING COMPANY, INC.

WEST MESA STORM SEWER SYSTEM SHEET 15 OF 16

LAVALAND ADDITION



LAVALAND ADDITION



PLAN — PROFILE

PLATE 1 - PLAN-PROFILE O. P. R. & R. E.
100% RAG PAPER MADE AND PRINTED IN U. S. A.

WEST MESA STORM SEWER SYSTEM SHEET 16 OF 16