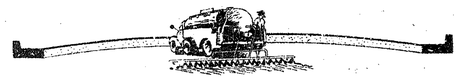
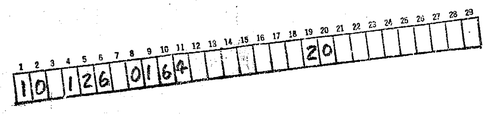
CITY OF
ALBUQUERQUE - NEW MEXICO

PAVING DISTRICT NO. 126

ATRISCO ROAD NW.

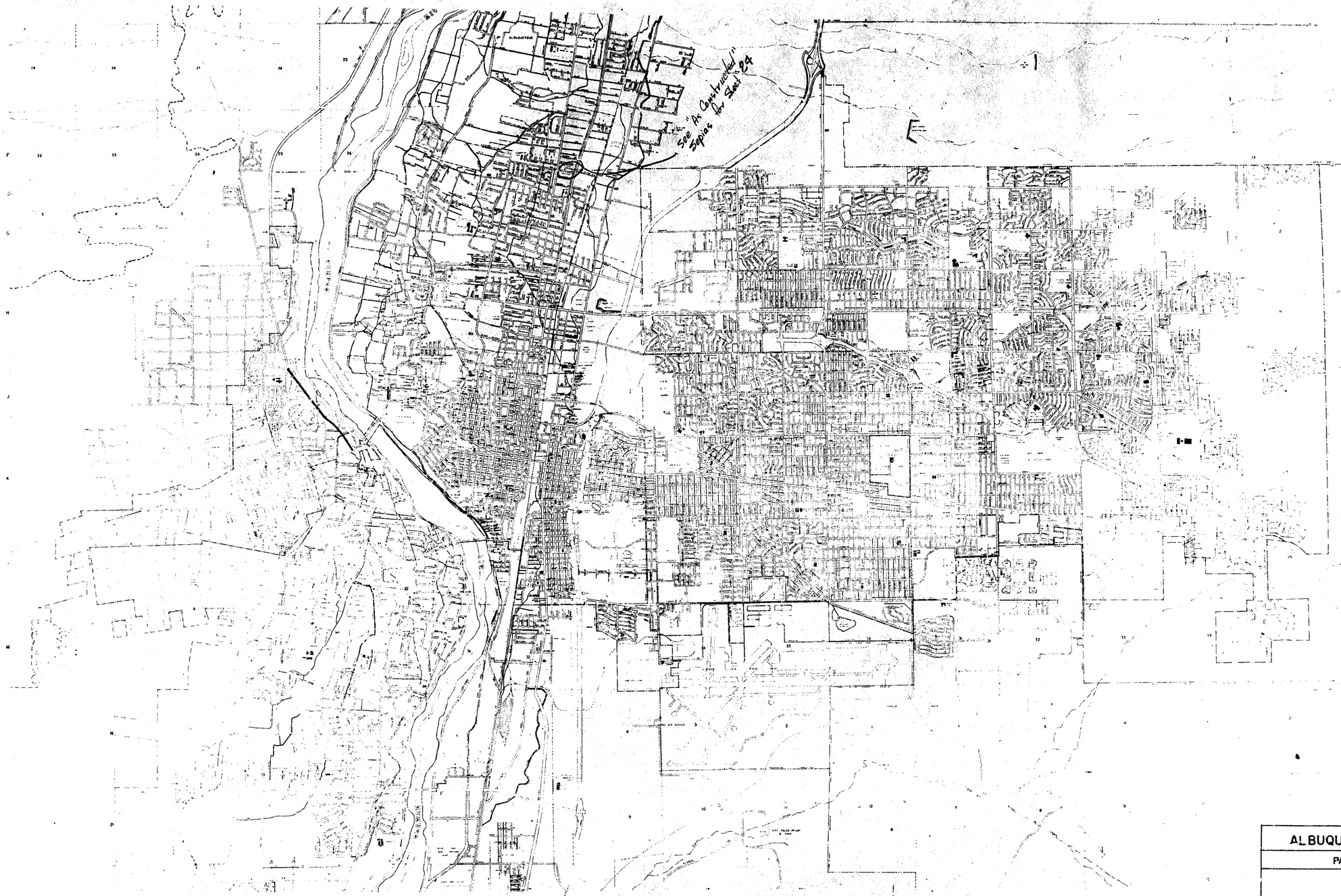
RECEIVED
DEC 6 - 1963
CITY ENGINEER





GORDON HERKENHOFF AND ASSOCIATES CONSULTING ENGINEERS

2



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10 126 02 21

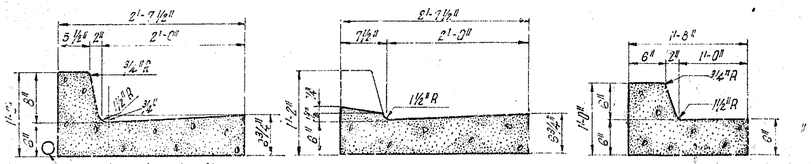
ALBUQUERQUE, NEW MEXICO

PAVING DISTRICT 126

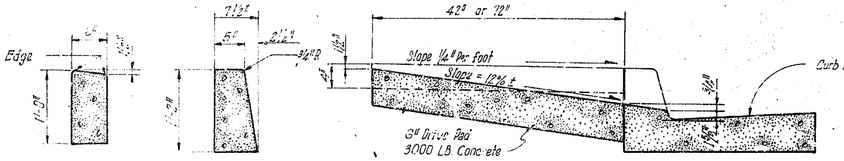
LOCATION MAP

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

SCALE	DATE	DRAWN: G.C.	SHEET
NOT TO SCALE	AUG. 1963	CHECKED: R.A.J.	OF

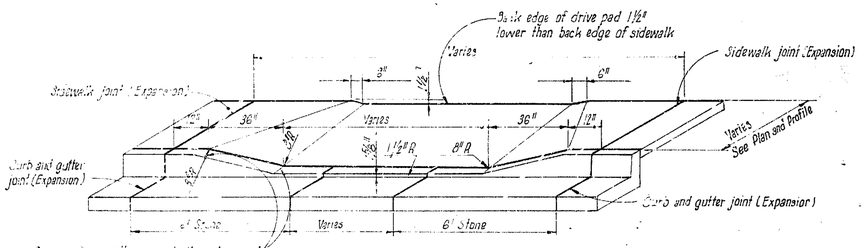


STANDARD CURB AND GUTTER | LAYDOWN CURB | MEDIAN CURB AND GUTTER



HEADER CURB | STRAIGHT CURB | DRIVEWAY AND CURB AND GUTTER

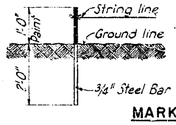
TYPICAL CURB AND GUTTER DETAILS



TYPICAL DRIVEWAY

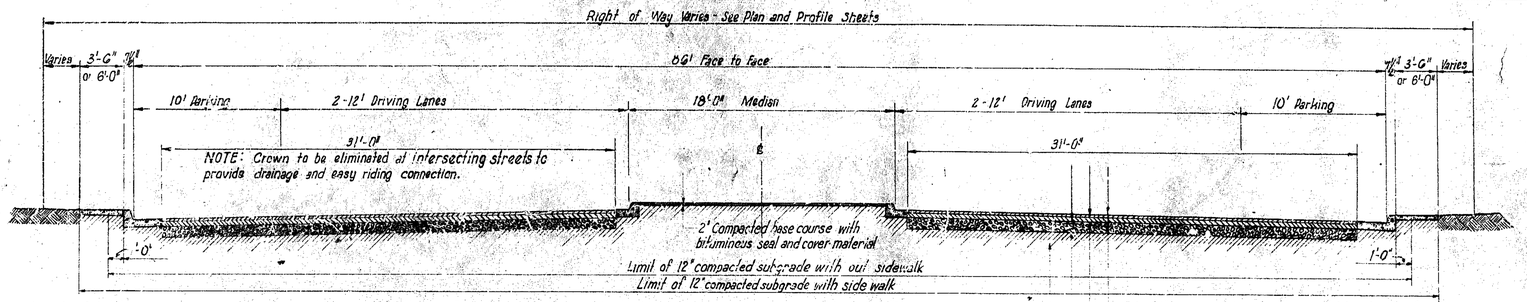
NOTE:
Manholes to be raised 12" or less to be raised using common brick and concrete collar courses maximum.
Manholes to be raised 12" or more the cone to be removed, the barrel to be raised and the cone to be rebuilt.
Manholes to be lowered by removing the cone and lowering the barrel and rebuilding the cone.

VALVE BOX DETAIL



MARKER DETAIL

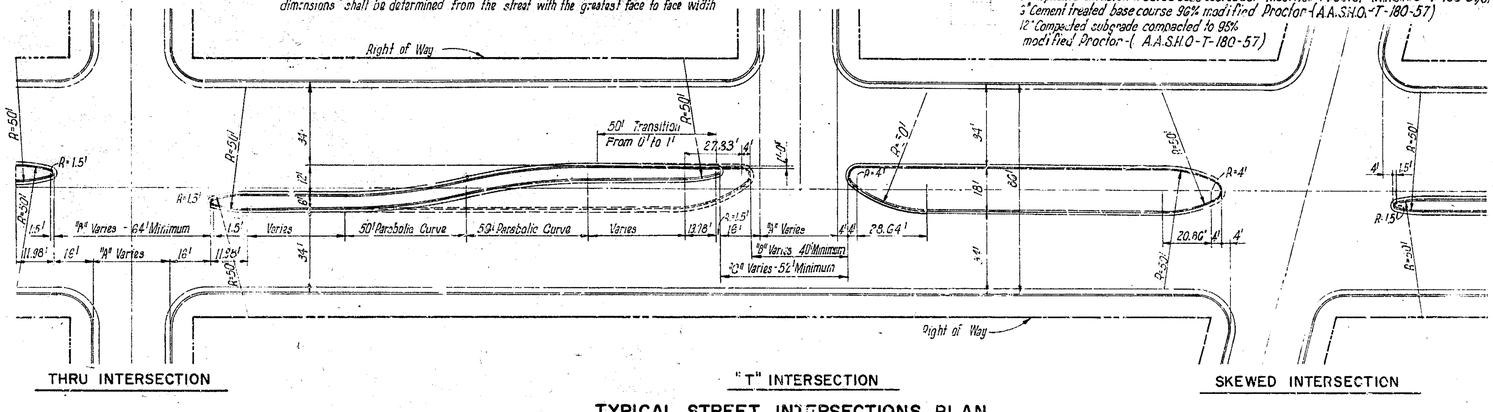
COLOR CODE
Green - Gas
Red - Sanitary Sewer
Yellow - Storm



TYPICAL STREET SECTION

1" Asphaltic concrete surface course 60-70 penetration A-C with hydrated lime. Anti-Stripping additive
3" Asphaltic concrete base course 85-100 penetration A-C
6" Asphaltic emulsion treated base course 98% modified Proctor (A.A.S.H.O.-T-180-57) or 5" Cement treated base course 96% modified Proctor (A.A.S.H.O.-T-180-57)
12" Compacted subgrade compacted to 95% modified Proctor (A.A.S.H.O-T-180-57)

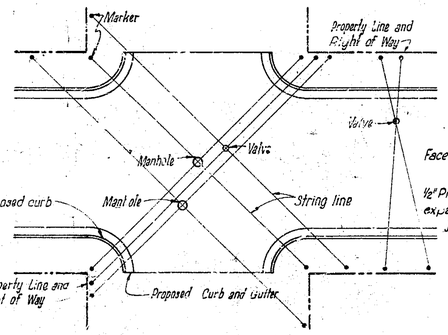
NOTE: When the intersecting streets at a thru intersection vary in face to face width, median opening dimensions "A" shall be determined from the street with the greatest face to face width



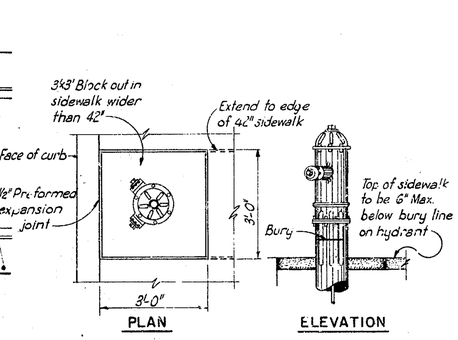
THRU INTERSECTION | "T" INTERSECTION | SKEWED INTERSECTION

TYPICAL STREET INTERSECTIONS PLAN

MEDIAN OPENING DIMENSIONS				
T-INTERSECTION			THRU INTERSECTION	
A	B	C	A	B
32'	42'	52'	32'	64'
36'	44'	56'	33'	68'
36'	43'	58'	38'	70'
40'	43'	60'	40'	72'
44'	52'	64'	44'	76'
48'	50'	68'	48'	80'
66'	74'	86'	66'	98'
			86'	118

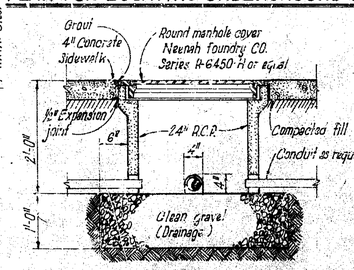


LOCATION PLAN

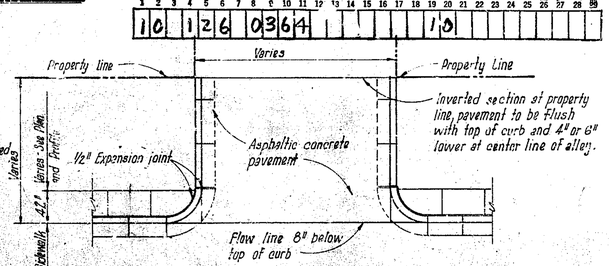


FIRE HYDRANT DETAIL

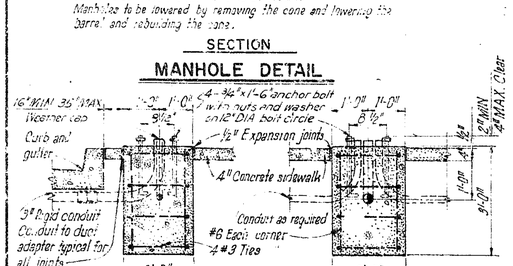
PLAN FOR LOCATING UNDERGROUND UTILITIES



SECTION
CONDUIT JUNCTION BOX DETAIL

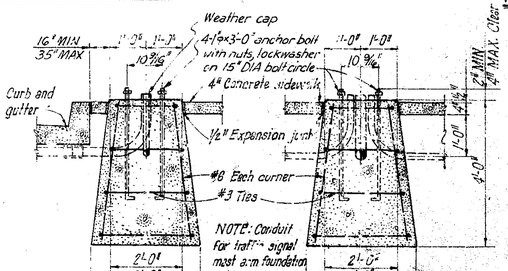


TYPICAL ALLEY PLAN



SECTION
MANHOLE DETAIL

FOUNDATION SECTIONS TYPE S.P.



FOUNDATION SECTIONS TYPE M.A.

PEDESTAL AND MAST ARM FOUNDATION DETAILS

GENERAL NOTES:

CURB AND GUTTER to be constructed of 3000 psi concrete and to be laid in lengths of 6 feet between construction joints. ½" preformed expansion joints to be located at intervals not to exceed 60 Feet, at the P.C. and P.T. of curb returns and each side of drive pads.

DRIVE PADS to be constructed of 3000 psi concrete 6 inch thick. Drive pads longer than 18 feet to have a ½" preformed expansion joint at the midpoint. Drive pads more than 36 feet long to have 2-½" expansion joints with not more than 18 feet between joints.

SIDEWALKS to be constructed of 3000 psi concrete 4 inch thick with a transverse slope of ¼ inch per foot. ½ inch preformed expansion joints to be located where the sidewalks abut existing walks, buildings, drive pads, immovable objects and 18 feet on centers on straight runs. Dummy groove joints to be located at intervals of 6 feet on centers maximum. Width of sidewalk to be 42 inches wide when placed adjacent to the curb and gutter and 48 inches wide when placed adjacent to the property line. Sidewalks in front of business establishments shall be laid from the back of curb to the edge of building or property line. No sidewalk to be constructed until curb and gutter is in place.

ASPHALT EMULSION STABILIZED BASE. Emulsified asphalt to be used in treated base to be 3% to 6% by total weight, add water to obtain optimum moisture.

HYDRATED LIME FILLER FOR TOP COURSE SURFACING. Hydrated lime to be added to the filler material at the direction of the Engineer - estimated amount 2%

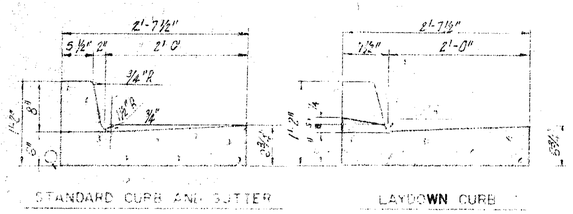
ALBUQUERQUE, NEW MEXICO

PAVING STANDARD

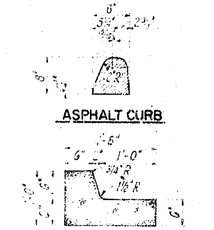
ARTERIAL STREET PAVEMENT DETAILS

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

SCALE	DATE	DRAWN: R.A.G.	SHEET 3
NOT TO SCALE	NOV. 1961	CHECKED: G.A.J	OF 23

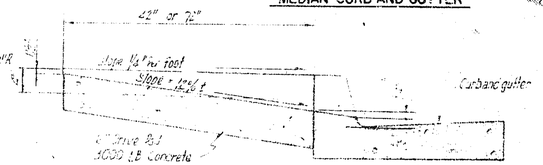


STANDARD CURB AND GUTTER — LAYDOWN CURB



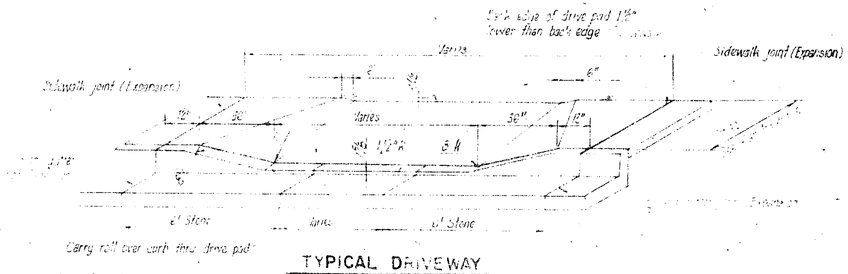
MEDIAN CURB AND GUTTER

HEADER CURB — STRAIGHT CURB

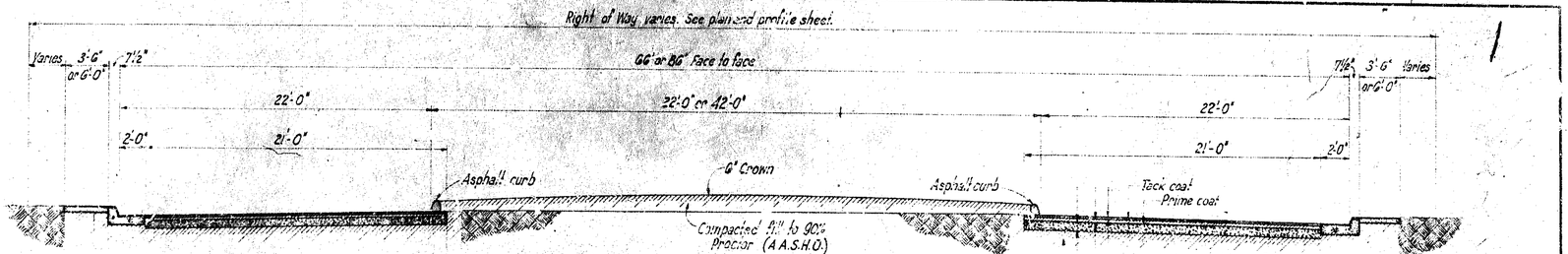


DRIVEWAY AND CURB AND GUTTER

TYPICAL CURB AND GUTTER DETAILS



TYPICAL DRIVEWAY



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TYPICAL STREET SECTION

NOTE:
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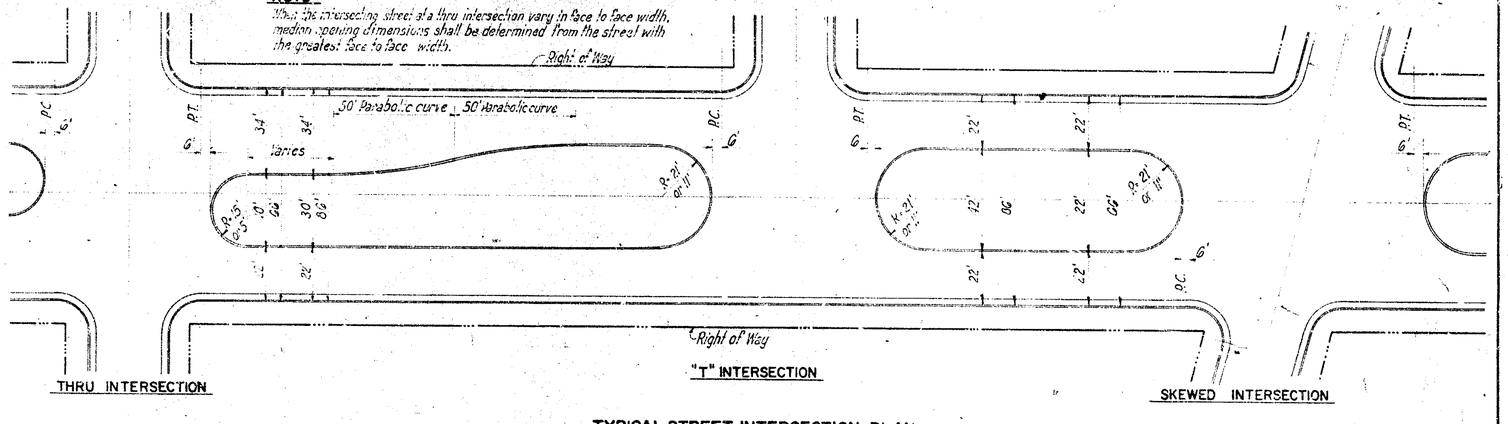
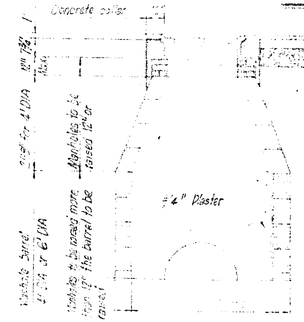


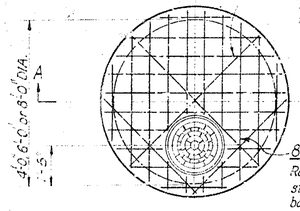
THRU INTERSECTION — "T" INTERSECTION — SKEWED INTERSECTION

TYPICAL STREET INTERSECTION PLAN


Concrete collar
Cast iron extension ring
Hand compacted hot mix base
Grout
Earth fill compacted to 95% Standard Proctor (A.A.S.H.O-T-180 -57)
#4 Bar
#4 Bar
#4 Bar

4'or6' DIA. MANHOLE

Reinforce for residential streets #4@8 each way bottom of slab reinforce for truck traffic #6@8 each way bottom of slab.

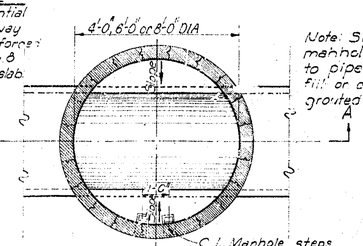


8' DIA. MANHOLE

Reinforce for residential streets #5@6 each way bottom, #8@8 each way bottom for arterial streets.

TOP PLAN OF TYPE A

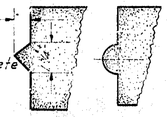
SCALE: 3/8" = 1'-0"

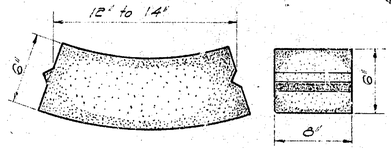


SECTION PLAN OF TYPE A & TYPE B

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

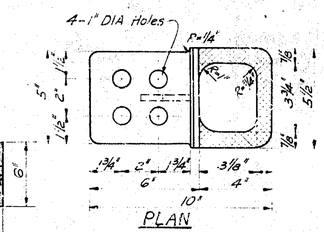
Note: Shape invert of manhole to conform to pipe size by concrete fill or cut pipe section grouted in place.

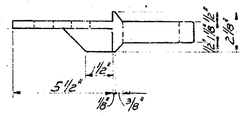




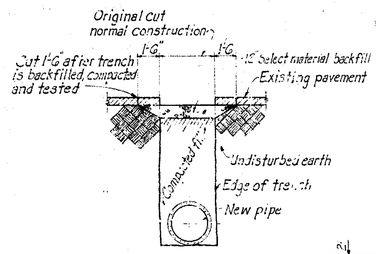
TYPICAL DETAIL OF CONCRETE BLOCK

SCALE: 1/8" = 1"



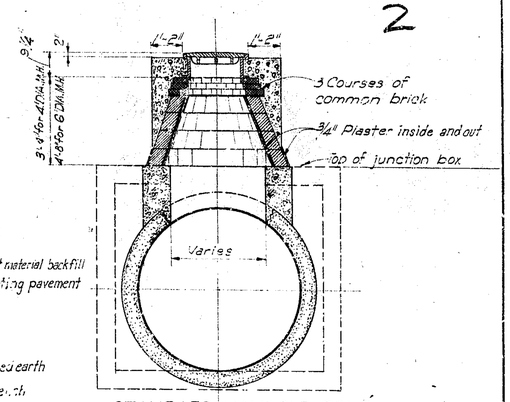


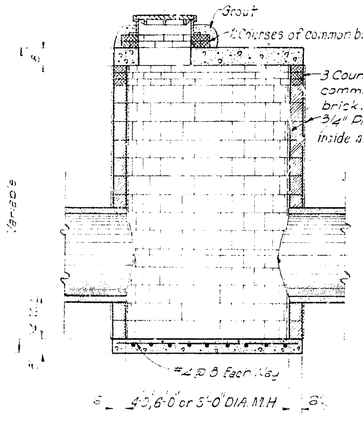
SECTION



PAVEMENT CUT DETAILS

No Scale

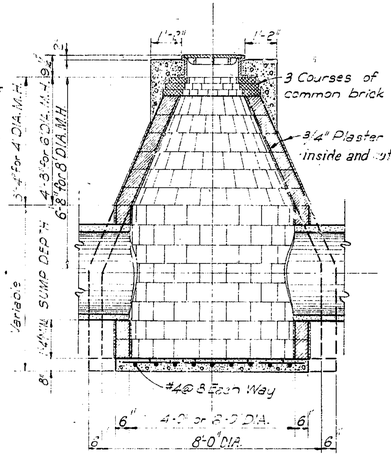




SECTION A-A - TYPE A MANHOLE

(TYPE B SUMPED INVERT)

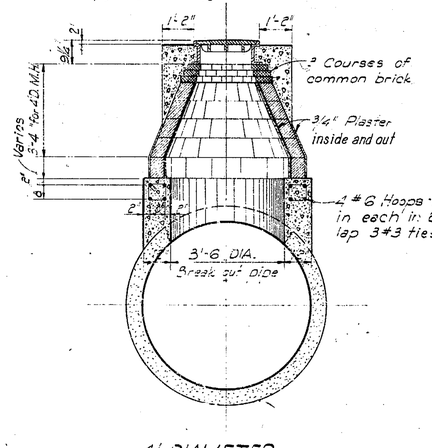
SCALE: 3/8" = 1'-0"



SECTION A-A - TYPE B MANHOLE

(WITH SUMPED INVERT)

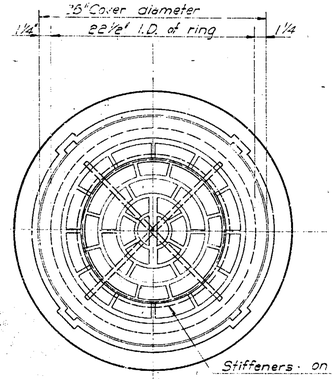
SCALE: 3/8" = 1'-0"



4' DIAMETER

INTERMEDIATE MANHOLE - TYPE C

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

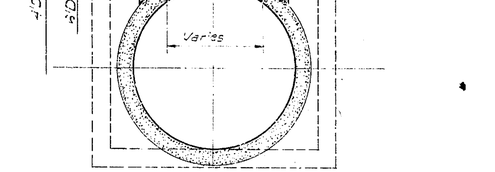


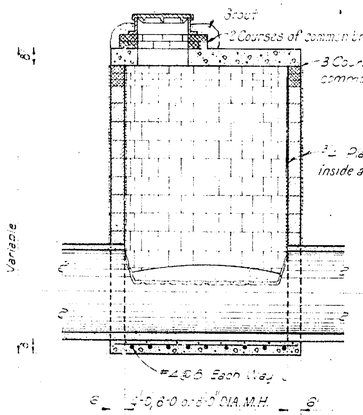
PLAN

SECTION

TYPICAL DETAILS OF STANDARD MANHOLE STEPS

SCALE: 3" = 1'-0"

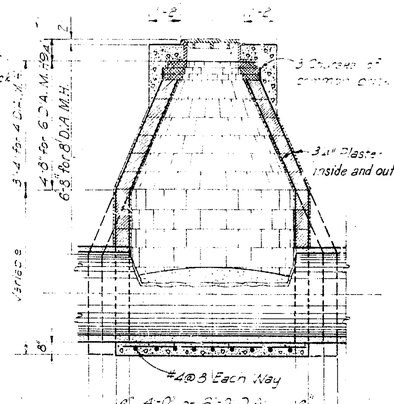




SECTION A-A - TYPE A MANHOLE

(STANDARD INVERT)

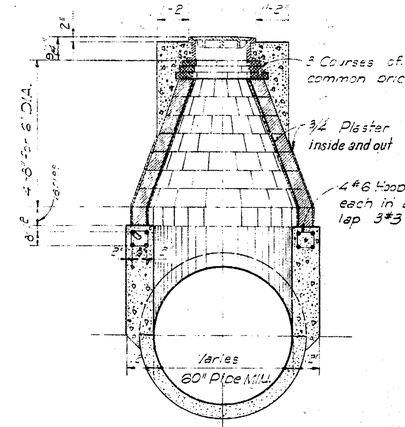
SCALE: 3/8" = 1'-0"



SECTION A-A - TYPE B MANHOLE

(STANDARD INVERT)

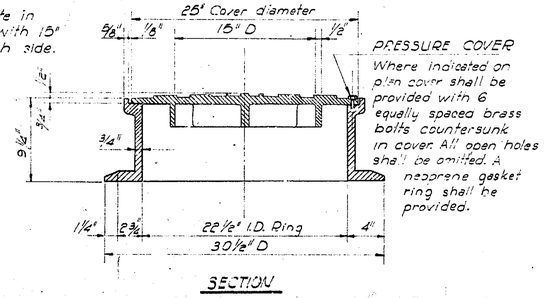
SCALE: 3/8" = 1'-0"



6' DIAMETER

INTERMEDIATE MANHOLE - TYPE C

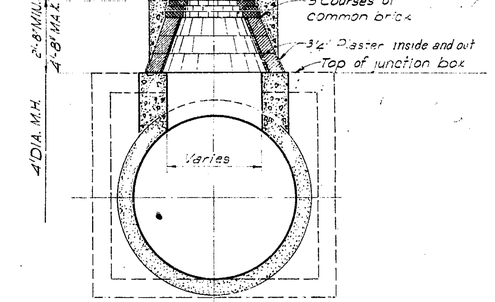
SCALE: 3/8" = 1'-0"



SECTION

TYPICAL DETAILS OF CAST IRON MANHOLE RING AND COVER

SCALE: 1½" = 1"



ALBUQUERQUE, NEW MEXICO	
STORM SEWER STANDARDS	
PAVEMENT CUT AND MANHOLE DETAILS	
GORDON HERKENHOFF & ASSOCIATES, INC. CONSULTING ENGINEERS	
ALBUQUERQUE NEW MEXICO	
SCALE: AS SHOWN	DATE:
DRAWN: R.A.G.	SHEET 5
CHECKED: G.A.J.	OF 23

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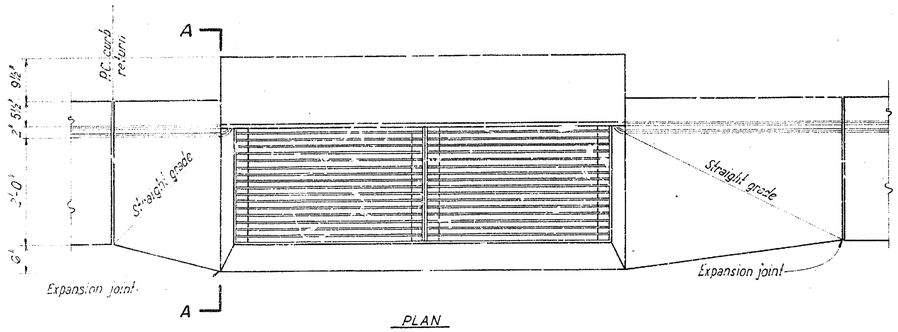
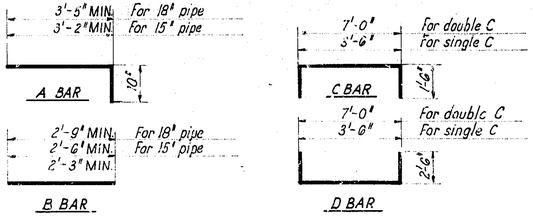
10 | 12 | 6 | 05 | 64 | | 10



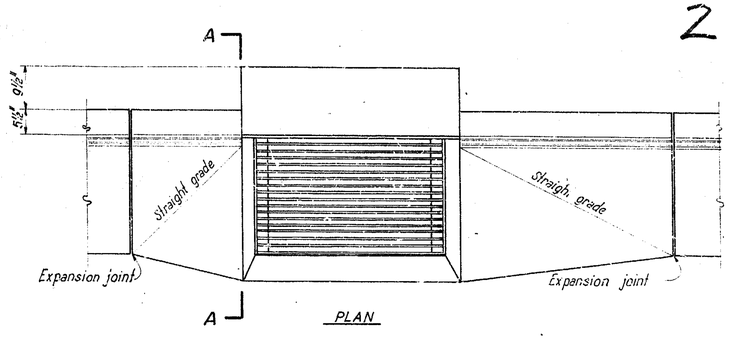
PLAN



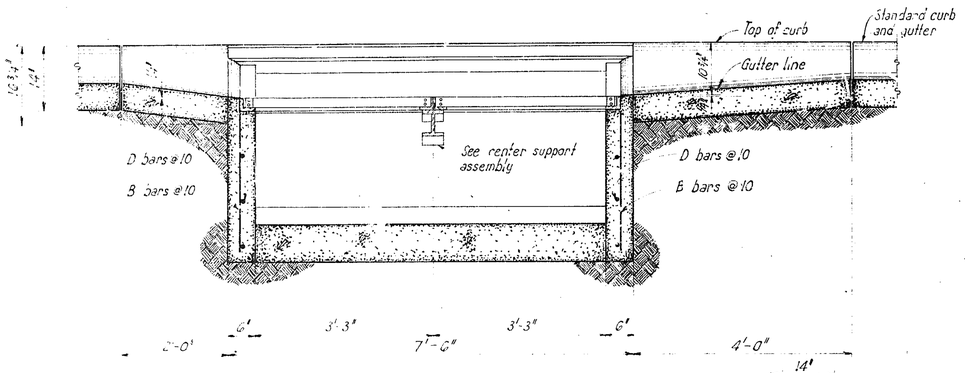
NOTE: All bars to be #4

BAR BENDING DETAILS

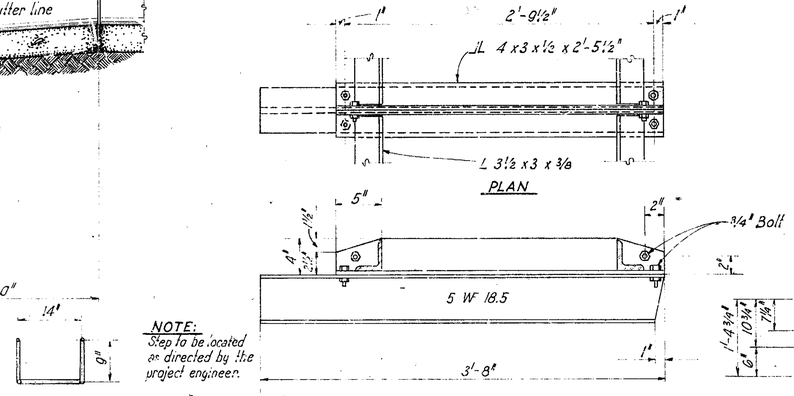
Not to scale



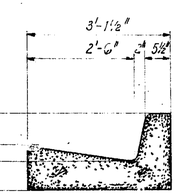
PLAN



LONGITUDINAL SECTION

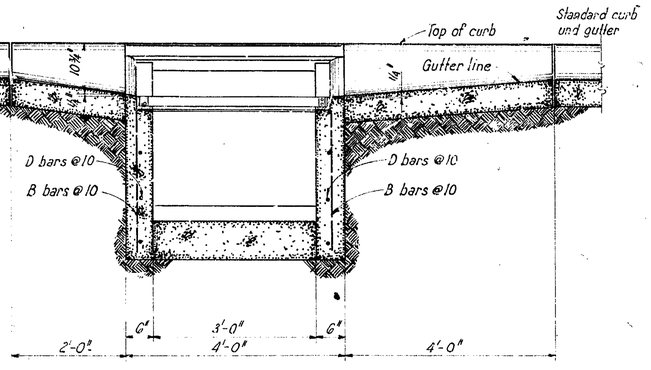


ELEVATION

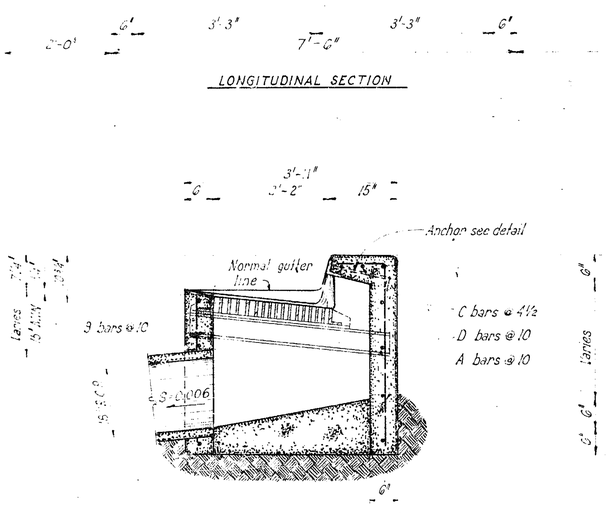


SECTION A-A

Scale ¾" = 1'-0"



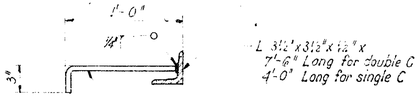
LONGITUDINAL SECTION



TRANSVERSE SECTION

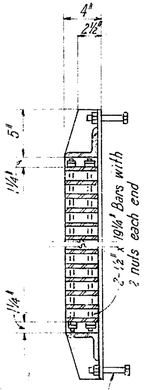
DOUBLE C INLET

Scale: 3/4" = 1'-0"

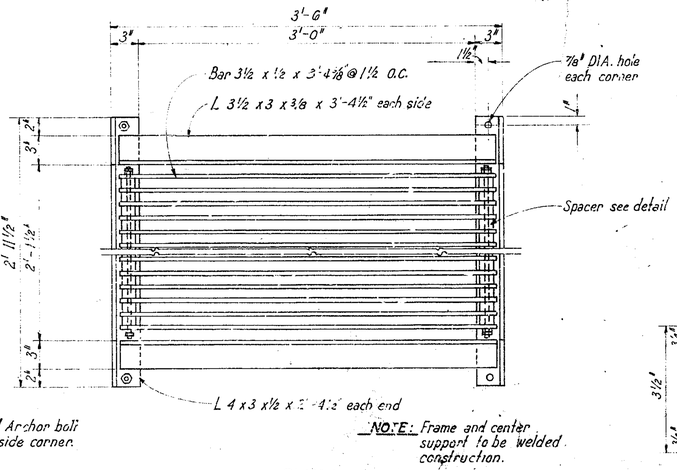


ANCHOR DETAIL

Not to scale.



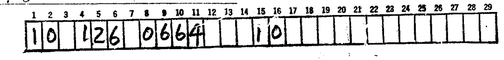
SECTION



PLAN

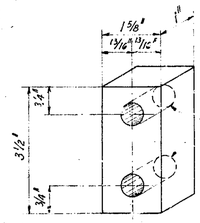
CENTER SUPPORT ASSEMBLY

Scale: 1½" = 1'-0"



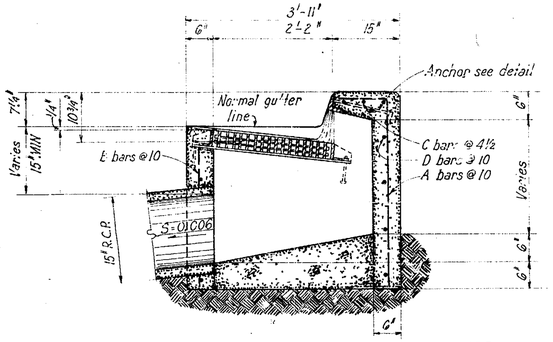
STEP DETAIL

Scale: ¾" = 1'-0"



SPACER DETAIL

Not to scale.



TRANSVERSE SECTION

SINGLE C INLET

Scale: ¾" = 1'-0"

NOTE:
Provide the following slopes for inlet pipes:
15" R.C.P. — S=0.006
18" R.C.P. — S=0.008
24" R.C.P. — S=0.008

FRAME AND GRATING DETAILS

Scale: 1½" = 1'-0"

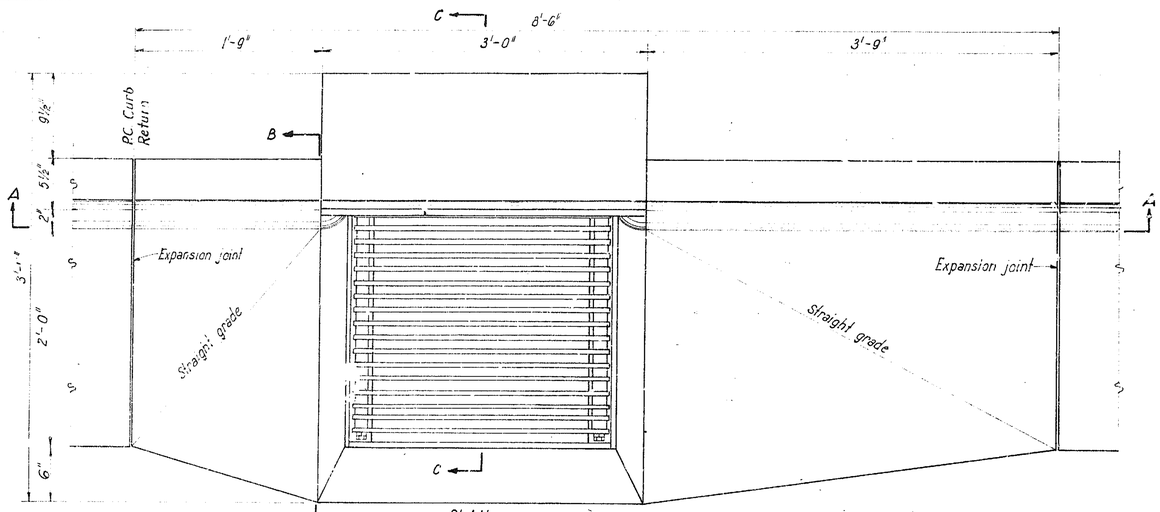
ALBUQUERQUE, NEW MEXICO

STORM SEWER STANDARDS

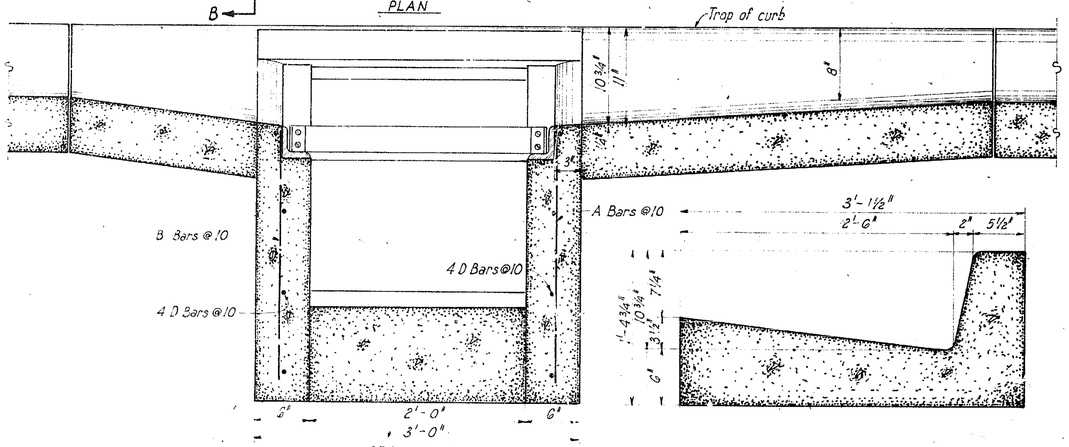
DOUBLE C AND SINGLE C DROP INLET DETAILS

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

SCALE	DATE	DRAWN: A.O.H.	SHEET 6
AS SHOWN	AUGUST 1960	CHECKED:	OF 23

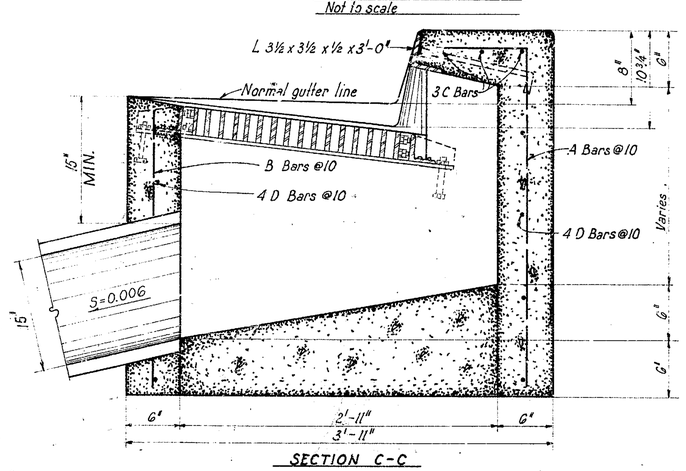


PLAN



SECTION A-A

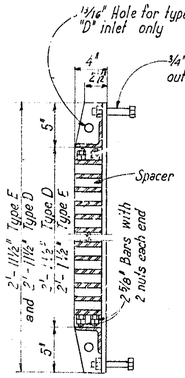
SECTION B-B



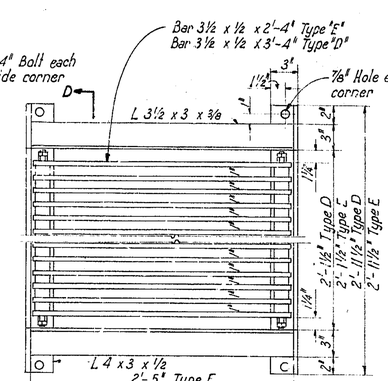
SECTION C-C

TYPE E INLET

Scale: 1½" = 1'-0"



SECTION D-D

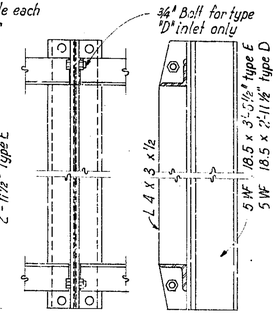


PLAN

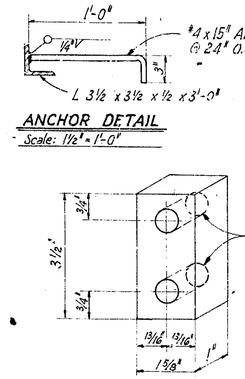
GRATING DETAILS

Not to scale

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



CENTER SUPPORT

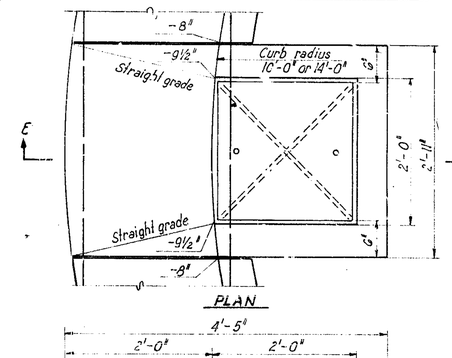


ANCHOR DETAIL

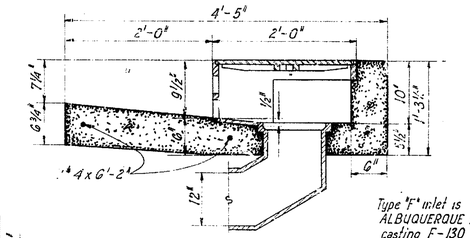
Scale: 1½" = 1'-0"

SPACER DETAIL

Not to scale



PLAN

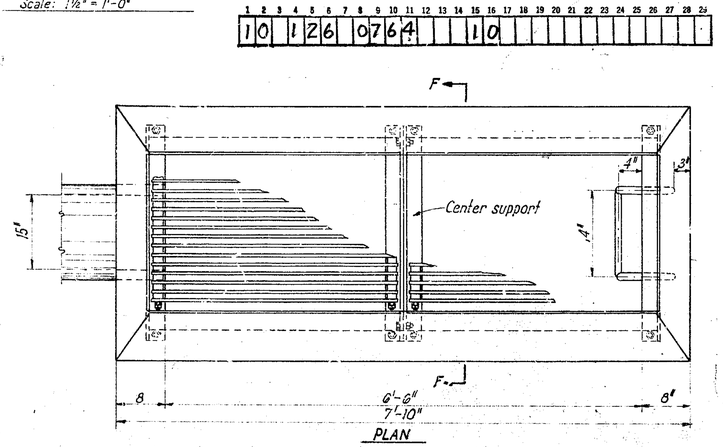


SECTION E-E

TYPE F INLET

Scale: 1" = 1'-0"

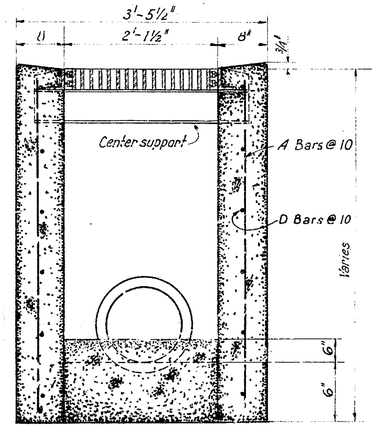
Type "F" inlet is ALBUQUERQUE FOUNDRY casting F-130



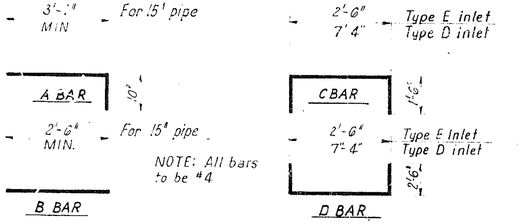
PLAN

TYPE D INLET

Scale: 1" = 1'-0"

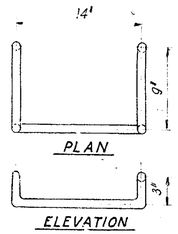


SECTION F-F

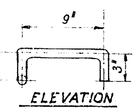


BAR BENDING DIAGRAM

Not to scale



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



STEP DETAILS

Not to scale

NOTE:
Provide the following slopes for inlet pipes:
15" R.C.P. — S=0.006
15" R.C.P. — S=0.008
24" R.C.P. — S=0.008

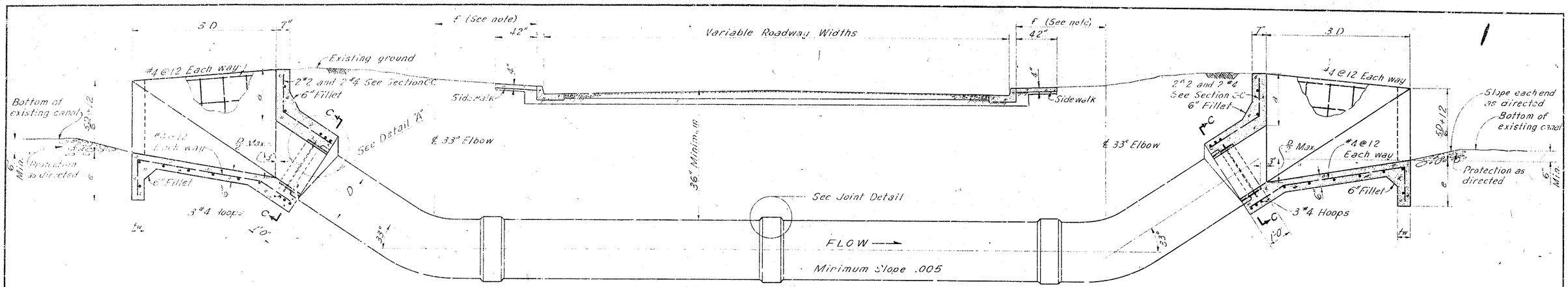
ALBUQUERQUE, NEW MEXICO

STORM SEWER STANDARDS

TYPE D, E, AND F DROP INLET DETAILS

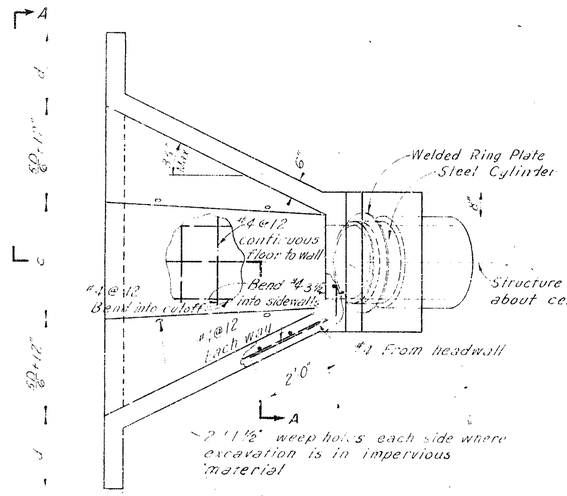
GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SCALE	DATE	DRAWN: A.O.H.	SHEET 7
AS SHOWN	AUGUST 1960	CHECKED:	OF 23



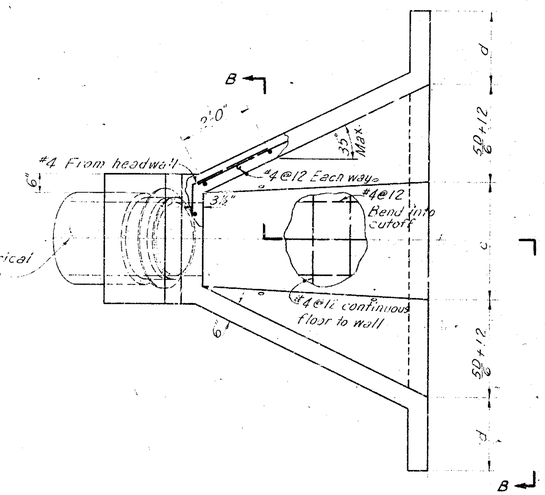
LONGITUDINAL SECTION

Not to Scale



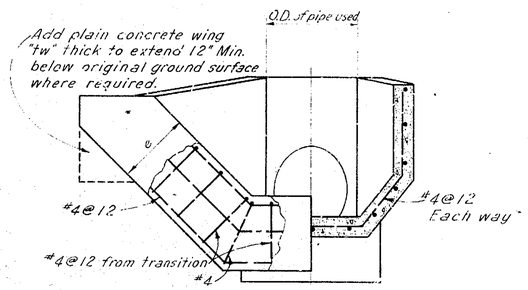
PLAN - INLET TRANSITION

Scale: ½"=1'-0"



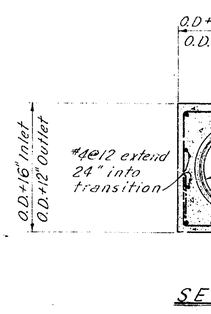
PLAN - OUTLET TRANSITION

Scale: ½"=1'-0"



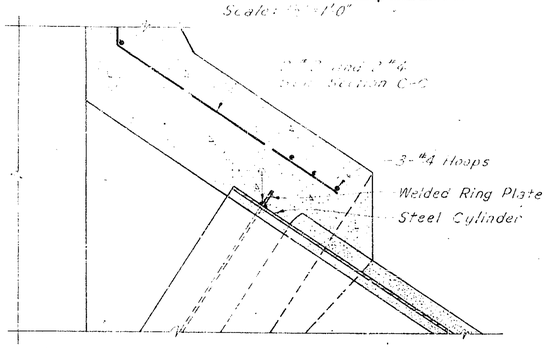
SECTIONS A-A AND B-B

Scale: ½"=1'-0"



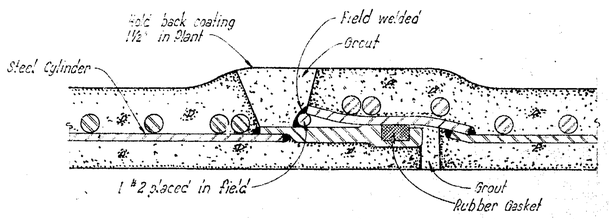
SECTION C-C

Scale: ½"=1'-0"



DETAIL "A"

Scale: 1½"=1'-0"



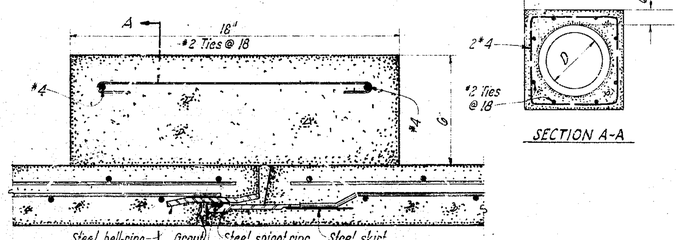
STEEL CYLINDER JOINT DETAIL

Not to scale

TABLE OF DIMENSIONS					
D	a	c	d	e	tw
18"	24"	2'-4"	18"	18"	6"
24"	2'-2"	3'-2"	24"	24"	6"
30"	2'-6"	4'-0"	2'-6"	2'-6"	8"
36"	2'-8"	4'-10"	2'-6"	2'-6"	8"
42"	2'-10"	5'-8"	2'-6"	2'-6"	8"
48"	3'-0"	6'-6"	2'-6"	2'-6"	8"
54"	3'-6"	7'-4"	2'-6"	2'-6"	8"
60"	3'-6"	8'-2"	2'-6"	2'-6"	8"
72"	3'-6"	9'-10"	2'-6"	2'-6"	8"
84"	3'-6"	11'-6"	2'-6"	2'-6"	8"

NOTES:

1. All reinforcement in monolithic concrete shall be placed so that the centers of bars in the outer layer will be 2" from outer face, unless otherwise shown.
2. Lap all bars 20 diameters at splices.
3. Berms may be necessary at either or both headwalls to suit actual laying length of pipe.
4. Values of c as given in table of dimensions may be changed as directed if 35° max. transition wall divergence is not exceeded.
5. Chamfer all exposed corners ¾".
6. Pipe to be Steel Cylinder or low pressure reinforced concrete water pipe with Amseal joint or equal.



LOW PRESSURE REINFORCED CONCRETE PIPE JOINT DETAIL

Not to scale

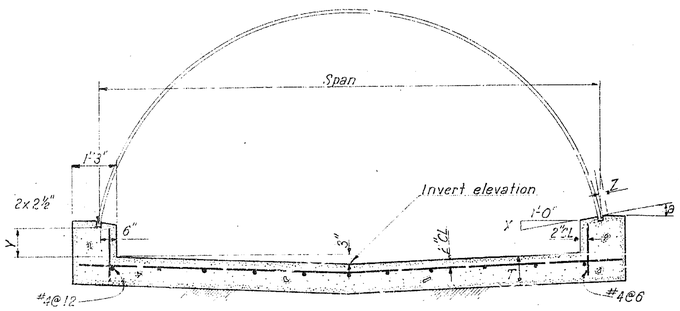
ALBUQUERQUE, NEW MEXICO

PAVING STANDARD

TYPICAL SIPHON DETAILS

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

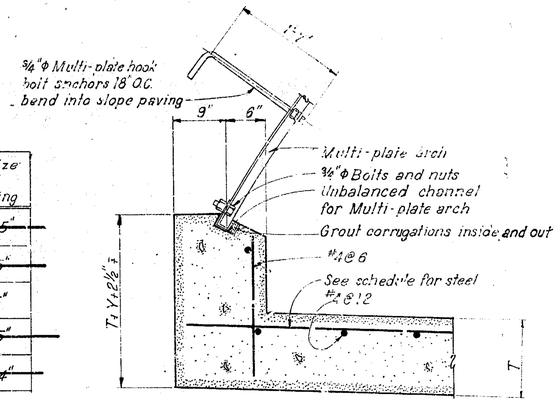
SCALE	DATE	DRAWN: R.D.M.	SHEET 8
AS SHOWN	OCT. 1959	CHECKED: G.A.J.	OF 23



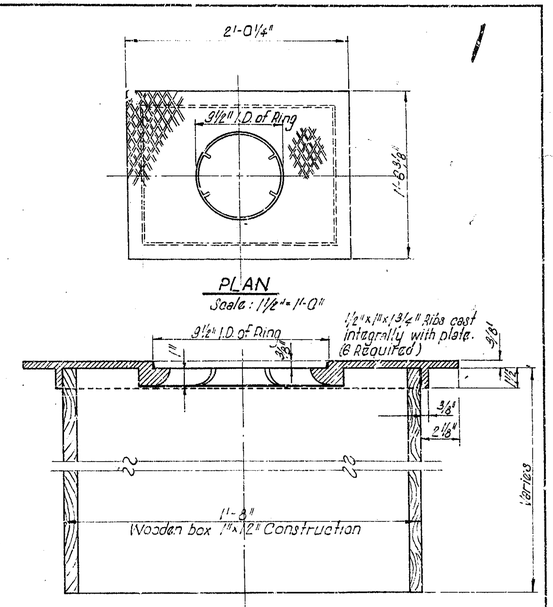
ARCH FOUNDATION DETAIL
Scale: ½"=1'-0"

Span and Rise	DIMENSIONS					Bar Size and Spacing
	T	X	V	Z	θ	
~~12'6"Span x 4'0½"Rise~~	~~9"~~	~~4⅝"~~	~~11½"~~	~~1"~~	~~16°~~	~~#5@5"~~
~~13'6"Span x 4'1"Rise~~	~~10"~~	~~5½"~~	~~11½"~~	~~1"~~	~~25°~~	~~#6@5"~~
14'0"Span x 4'-7½"Rise	11"	5"	11½"	1"	23.25°	#6@5"
~~15'0"Span x 4'7½"Rise~~	~~11"~~	~~6"~~	~~11½"~~	~~1"~~	~~26.5°~~	~~#6@5"~~
~~15'0"Span x 5'6"Rise~~	~~12"~~	~~5 5/16"~~	~~11½~~	~~1"~~	~~19°~~	~~#6@4"~~

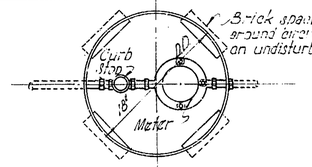
REINFORCING SCHEDULE

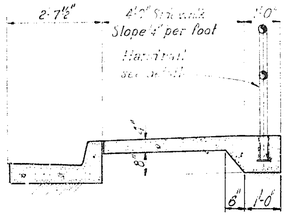


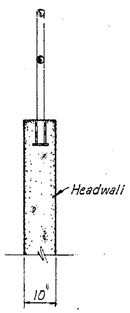
ARCH BEARING RECESS DETAIL
Scale: 1"=1'-0"

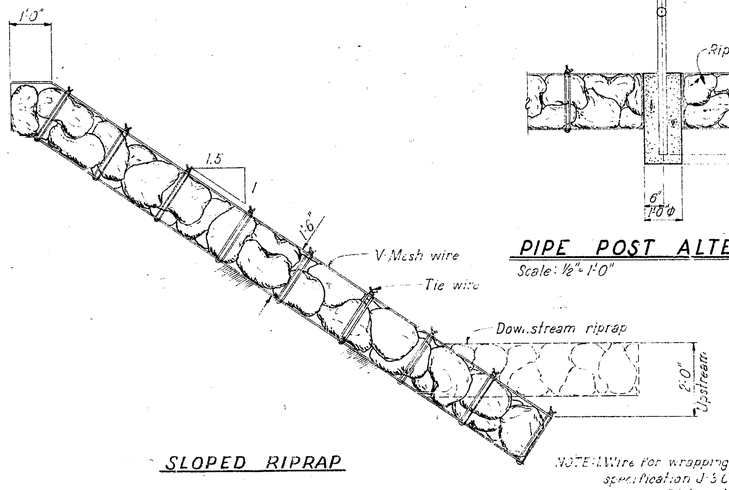


WOODEN WATER METER BOX Scale: As shown



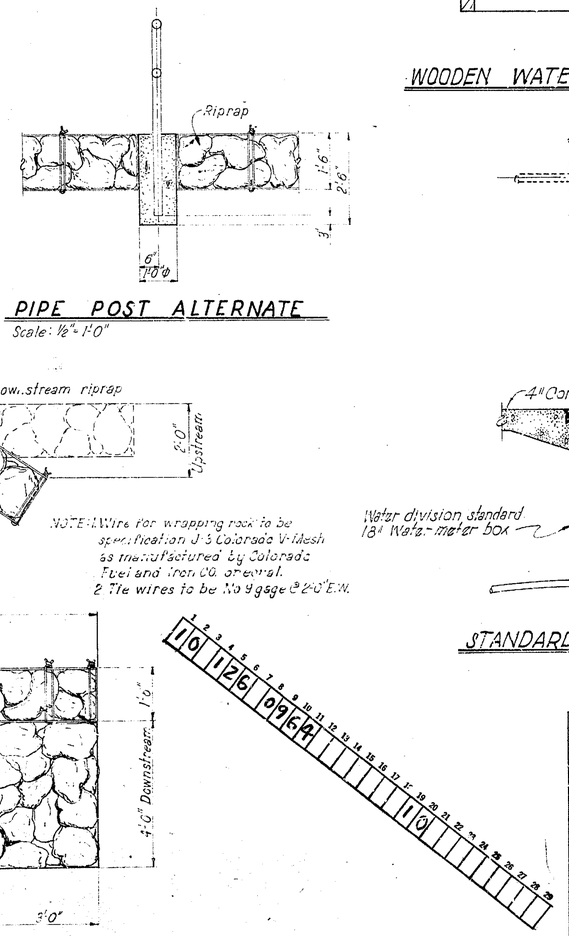




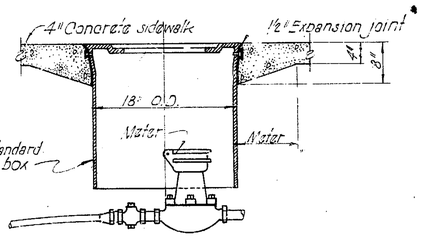


SLOPED RIPRAP

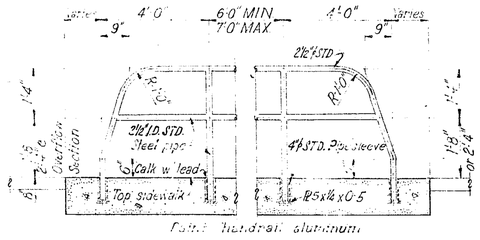
NOTE: Wire for wrapping rock to be specification 3-5 Colorado V-Mesh as manufactured by Colorado Fuel and Iron Co. or equal.
2 Tie wires to be No 9 gage @ 2'-0" E.W.



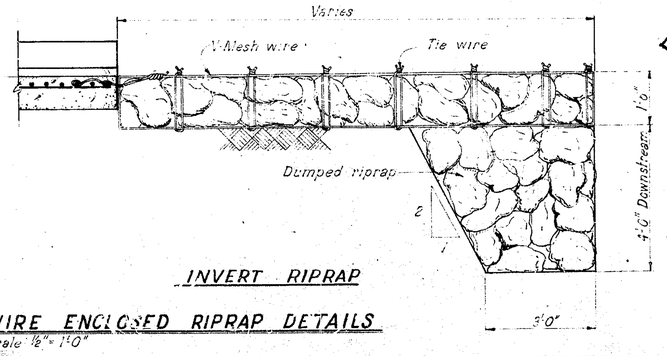
PIPE POST ALTERNATE
Scale: ½"=1'-0"



SECTION
STANDARD 18" WATER METER BOX
Scale: Not to scale



HANDRAIL DETAIL
Scale: ½"=1'-0"



INVERT RIPRAP

WIRE ENCLOSED RIPRAP DETAILS
Scale: ½"=1'-0"

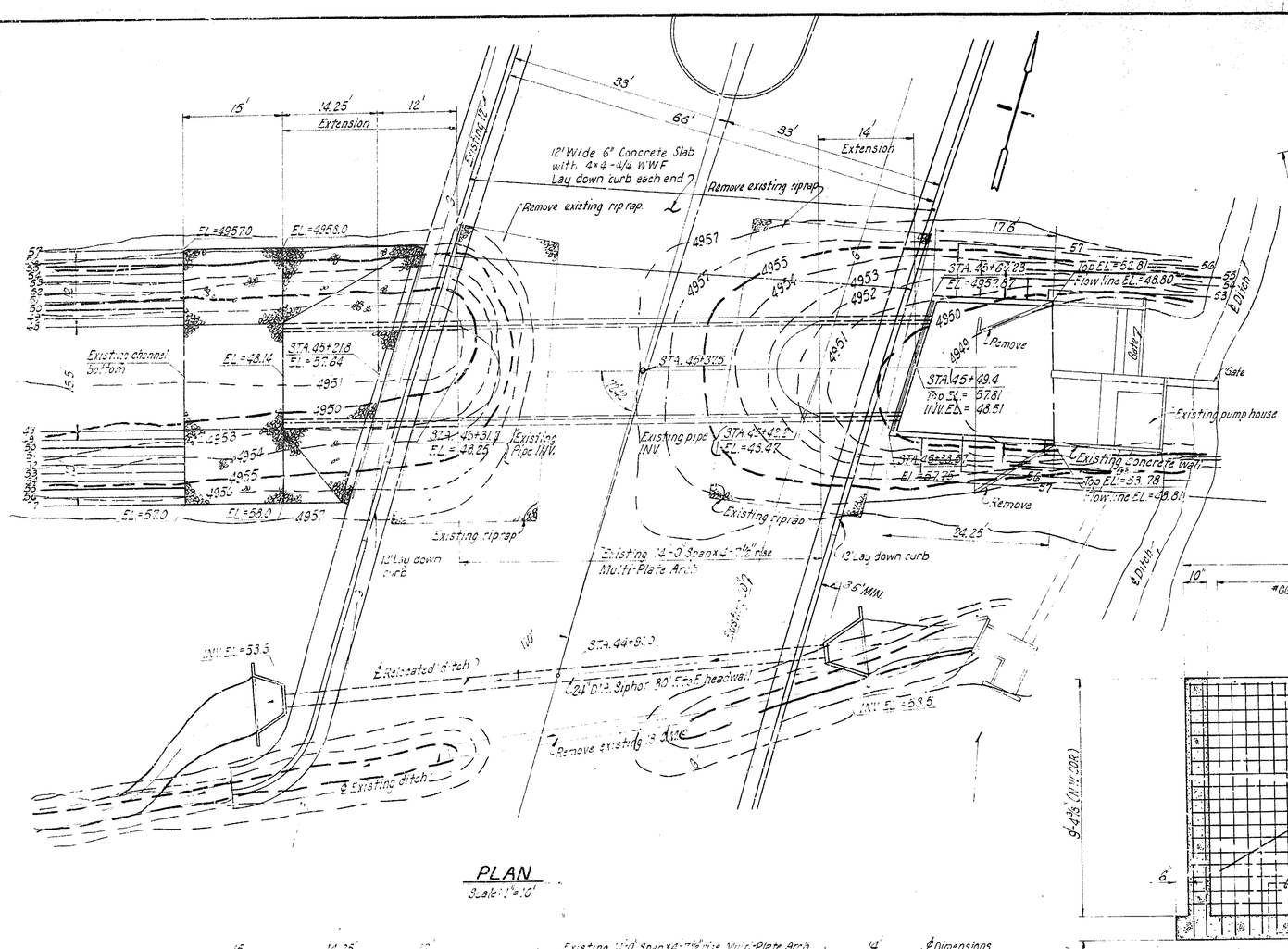
ALBUQUERQUE – NEW MEXICO

PAVING DISTRICT NO. 126

STRUCTURE DETAILS

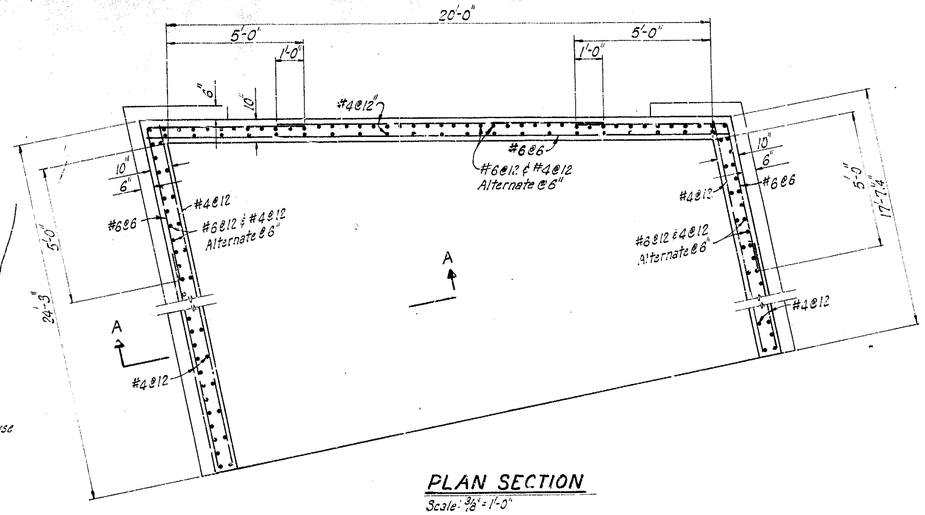
GORDON HERKENHOFF & ASSOCIATES, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SCALE	DATE	DRAWN: R.A.L.	SHEET 9
AS SHOWN	NOV. 1963	CHECKED:	OF 21



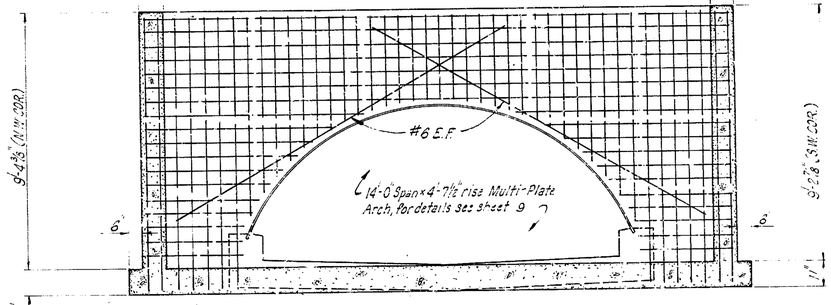
PLAN

Scale: 1"=10'



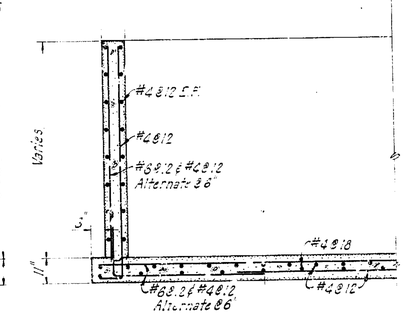
PLAN SECTION

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



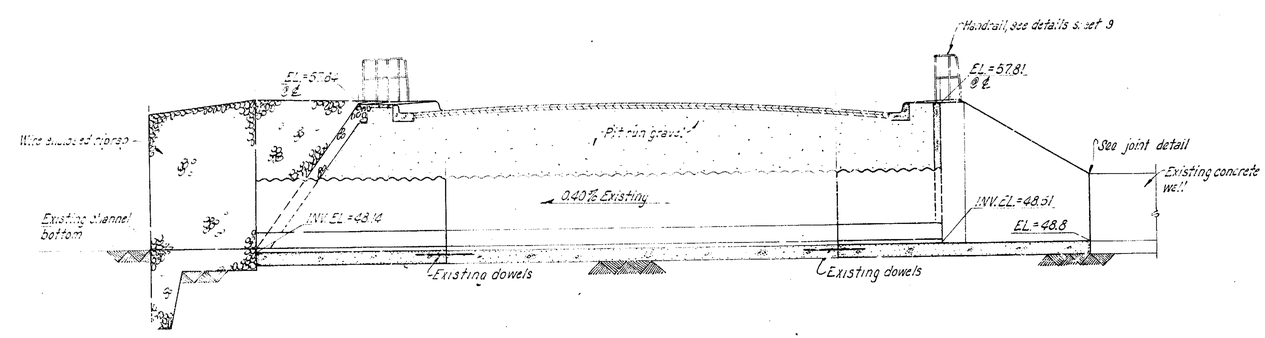
ELEVATION

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



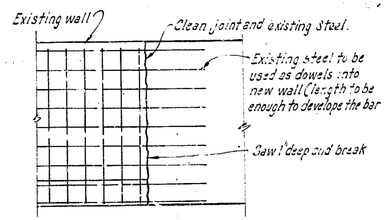
SECTION A-A

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



LONGITUDINAL SECTION

Scales: 1"=10' HORIZ.
1"=5' VERT.



JOINT DETAIL

Not To Scale

RECEIVED
DEC 6 - 1963
CITY ENGINEER

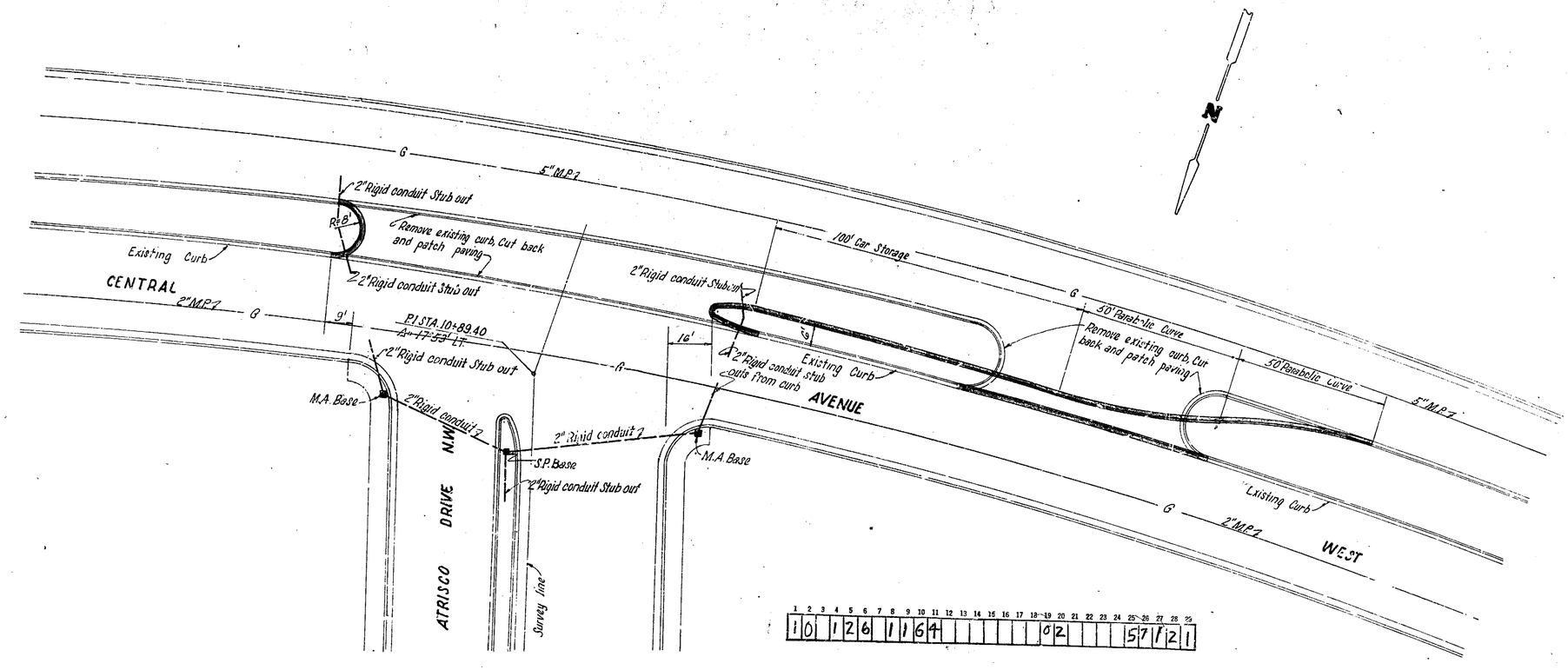
ALBUQUERQUE — NEW MEXICO

PAVING DISTRICT NO. 126

ATRISCO DR. NW DRAINAGE
STRUCTURE STA. 45+37.5

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

SCALE	DATE	DRAWN: RAS	SHEET 10
AS SHOWN	NOV. 1963	CHECKED: GAJ	OF 23



PLAN — SURVEYED ... PLOTTED ... NOTE BOOK ... No. ... ALIGNMENT CHECKED ... R.I. OF WAY CHECKED

PROFILE — SURVEYED ... PLOTTED ... NOTE BOOK ... GRADES CHECKED ... No. ... STRUCTURE LOCATIONS CHECKED

PLATE 1—PLAN-PROFILE O. P. R. & B. E. STANDARD

GORDON HERKENHOFF AND ASSOCIATES

PAVING DISTRICT 126 SHEET 11 OF 23

M.R.S.C.D. MAP 39

A

Tract 122-a1, 123-a-2-b and 123-a-2-c

Tract 123 a-2-a
122 a-2
Map 39

GENERAL NOTES

1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.
3. Limit of construction is area within R/W lines

Right of Way

ADOBE BUILDING

FRAME STUCCO BUILDING

ATRISCO DRIVE S.W.

Survey Line

S.M.H.

Right of Way 149.88'

Guys

P.P.

FRAME STUCCO MOTEL BUILDING

Block retaining wall

Tract 122 G

CENTRAL AVENUE

Mon. median curb to be built see detail

Remove existing median curb cut back and patch paving

Remove existing curb and build easy sliding connection

BEGIN CONSTRUCTION P.I. STA. 10+33.40
Δ = 17°55'11"

Barb wire fence (poor condition)

159.04'

BLOCK STUCCO RESIDENCE

Hog wire fence

Right of Way

239.24'

BUILD 6' SIDEWALK

53.9'

Wood shed

8" Elm
6" Elm

150' Transition curve

Face of median curb STA. 15+00

1348'

100'

50' Parabolic curve

50' Parabolic curve

Incinerator

Survey Line

DRIVE

6" Elm

ATRISCO DRIVE N.W.

Lowellyn signs

6" Elm

10" Elm

Guys

T.P.

250' Transition curve

53.35

250.49'

Right of Way

BLOCK STUCCO HOUSE

FRAME STORE BUILDING

15 Guard posts @ 5'-0" o.c.
8" DIA x 5'-0" post
3'-0" in ground

Chain link Fence

Hog wire Fence

ATRISCO ROAD N.W.

Tract 344 B-2
Amended Map 38
MRGCD

End Sidewalk 15+00
East Side only

SOUTHERN UNION GAS COMPANY

NOTE:
Buildings to be removed by others.

SCALE
Horizontal 1"=20'
Vertical 1"=10'

M.R.G.C.D. MAP 39

B

A

PLAN
DATE 7/63
DESIGNED J.E.W.
DRAWN
CHECKED
QUANTITIES
SHEET NO. 1

PROFILE
DATE 7/63
DESIGNED J.E.W.
DRAWN
CHECKED
QUANTITIES
SHEET NO. 1

4960
4950

PT. Crb Return
ELEV. 4953.92

P.V.I.

10.2500%

P.V.T.

PVI 100'VC M2.1=0.08
(4954.14) 4954.07

West Curb

0.4100%

Existing Ground

PVI 100'VC M0.1=2.13
(4947.44) 4949.00

East Curb

-0.8043796%

Existing ground

PT. Crb Return
ELEV. 4943.35

9 10 11 12 13 14 15

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
10 126 12 59 02 57 12 1

PLATE I—PLAN—PROFILE O. P. R. & R. 8
CHARLES BRUNING COMPANY, INC.

GORDON HERKENHOFF AND ASSOCIATES
CONSULTING ENGINEERS

PAVING DISTRICT 126 SHEET 12 OF 23

GENERAL NOTES
1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

2

15 | 20

WESTERN WRECKING CO.
Tract 124-b Map 39

Tract 124-A-2

Hog wire Fence | 12" Elm | 14" Elm | BUILD 6' SIDEWALK | 231.85' | 5' Chain link Fence | T.P. and P.P. | Driveway | Right of way | 5' Hog wire Fence | Driveway | T.P. and P.P. | 408.32' | Picket fence | Antenna Pole

STA. 20+83.82 Build Single "C" Inlet

STA. 16+12.12 Build Single "C" Inlet

STA. 16+12.12 Build 4' DIA Type "B" manhole

STA. 20+83.82 Build 4' DIA Type "B" manhole

STA. 21+40

Survey line | Street ℄ | 21" R.C.P. | G 12" | Survey Line | 24" R.C.P.

ELEV. 4948.18 | ELEV. 4949.72 | DRIVE | C.S.M.H. | N.W.

AT. R.S.C.O. | ELEV. 4949.02 | ELEV. 4949.18

15" R.C.P. | 12" C.I.P. | 2" M.P.P. | 20' | 12" C.I.P. | 2" M.P.P. | 20'

2" W.P. | 3/4" H.P. | F.H. | 12" W.L.P.S.

STA. 16+12.12 Build Single "C" Inlet

381.43' | ℄ Right of Way | Chain link Fence | Bench mark: N.E. B.B. Fire hydrant Right of STA. 15+40 ELEV. = 4954.61

Back wall | 3' Block wall | 80.25' | 5' Block wall | T.P. | 75.57' | 3' Picket Fence | T.P. | 72.05' | Hog wire Fence | 2' Block wall | 18" cottonwood | Hog wire fence | 12" cottonwood | 6" Elm

SOUTHERN UNION GAS
Tract 344-B-1
Map 38

Tract 1 | Tract 2 | Tract 3

MARR GARDENS ADDITION

NOTE: Buildings to be removed by others.

SCALE: Horizontal 1"=20' Vertical 1"=10'

PLAN — DRAWN: J.E.W. DATE: 7/63 — TRACED: — CHECKED: — QUANTITIES CHECKED: — NOTE: EXCEPT AS NOTED, ALIGNMENT SHOWN ON R/W CHANGES — NO. 1

PROFILE — DRAWN: J.E.W. DATE: 7/63 — TRACED: — CHECKED: — QUANTITIES CHECKED: — NOTE: EXCEPT AS NOTED, ALIGNMENT SHOWN ON R/W CHANGES — NO. 1

4960 | 4950 | 4940

-0.4100 % | PVC | PVT | +0.2500 % | PVC | PVT | -0.4000 % | +0.2300 %

PVI 100' VC M.O.=1.08 (4932.50) 4932.38 | PVI 50' VC M.O.=.04 (4933.00) 4932.36 | PVI 50' VC M.O.=1.04 (4962.00) 4922.04

West Curb | Existing ground | Top of existing T.C.B. Tie

21" R.C.P. S=0.0025

4' DIA Type B manhole INV. ELEV. 4944.8

4' DIA Type B manhole INV. ELEV. 4946.00

East Curb | Existing ground

15 | 16 | 17 | 18 | 19 | 20 | 21

PLATE 1—PLAN—PROFILE O.P.R.&R.S.
CHARLES BRUNING COMPANY INC.

GORDON HERKENHOFF AND ASSOCIATES
CONSULTING ENGINEERS

PAVING DISTRICT 126 SHEET 13 OF 23

REGINA ADDITION

GENERAL NOTES
1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

Tract 124 a-1 | Tract 360 | Tract 4 | Tract 5 | Tract 342 a-3-b | Tract 342 a-3-a-1 | Tract 342 a-2 | Tract 342 a-1-b

BUILD 6' SIDEWALK | BUILD 3.5' SIDEWALK | BUILD 5' SIDEWALK

ATRISCO | DRIVE | HERRERA ROAD N.W.

P.C. STA. 23+65.60 | P.I. STA. 25+00.00 Δ= 8°03' Rt. | P.C.STA: 26+67.99 | P.T. STA. 26+33.93

ELEV. 4948.74 | ELEV. 4951.20 | ELEV. 4951.69 | ELEV. 4951.78 | ELEV. 4950.54 | ELEV. 4949.70 | ELEV. 4949.66

STA. 22+59.50 Build 4' DIA. Type "B" manhole

STA. 25+45.87 Build Single "C" Inlet

Build Single "C" Inlet

42" R.C.P. | 24" R.C.P. | 15" R.C.P. | 12" R.C.P.

Siphon INV @ =4946.00

INV EL= 4951.90

Remove existing 36" R.C.P. & 12" Gas Line

Handrail See detail sheet 9

Wire encased riprap for details see sheet 9

Remove 12" CMP Irrigation Culvert

Bench mark N.E. S.B. fire hydrant opposite Herrera Rd. ELEV= 4954.83

℄ CURVE DATA
P.I. STA. 25+00
Δ= 8°03' Rt
R= 1909.86'
T= 134.40'
L= 268.33'
D= 3°00'

NOTE
Buildings to be removed by others.

SCALE:
Horizontal 1"=20'
Vertical 1"=10'

PLAN — J.E.W. — 7/63

PROFILE — J.E.W. — 7/63

4960 | 4950 | 4940

+0.2800 % | -0.2800 % | +0.39091 %

24" R.C.P. S=0.0025

Existing ground | East curb | Top of existing 8" Gas line

PVC | PVI | WT

21 | 22 | 23 | 24 | 25 | 26 | 27

PLATE 1—PLAN—PROFILE G.P.H. & A. & E.
CHARLES BRUNING COMPANY INC.

GORDON HERKENHOFF AND ASSOCIATES
CONSULTING ENGINEERS

PAVING DISTRICT 126 SHEET 14 OF 23

REGINA ADDITION

ATRISCO DRIVE

C. R HOFFMAN ADDITION

Tract 342-a1-a1

Tract 342 a1-a2-b

Tract 340 a-3-b Map 38

Tract 337 a-2 (Tr. A) Map 39

BUILD 3.5' SIDEWALK

Right of way

Survey Line

Street ℄

℄ CURVE DATA
P.I. STA 29+98.97
Δ = 32° 16' Lt
R = 1145.92'
T = 331.43'
L = 645.33'
D = 5°

P.I. STA 29+98.97
Δ = 32°16' Lt.

Small head gate

8" Steel pipe gate

Head gate in ditch to west

INV ELEV = 51.50

Relocate ditch

NOTE: Relocation of ditch and gates to be included in the price bid for the 30" DIA. siphon STA. 31+30.70

Remove, salvage and relocate gates

Build 30" DIA. Siphon 113' Face to Face headwall for details see sheet 6

24" C.M.P. Irrigation Pipe

ELEV. 4950.22

STA. 31+30.70 ½ Rebar

INV ELEV = 46.00

INV ELEV = 51.80

TARPAPER FRAME HOUSE

ADOBE HOUSE

HOUSE

FRAME STUCCO HOUSE

PORCH FRAME HOUSE (unfinished)

GARAGE

ADOBE STUCCO HOUSE

Conc. Porch

Conc. Walk

DITCH

Fruit trees

Popular tree

Populars

Barb wire fence

Hog wire fence

2' Block wall

10' Concrete footing

Lawn

Driveway

Right of way

Survey Line

Street ℄

GENERAL NOTES
1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

NOTE:
Buildings to be removed by others.

SCALE:
Horizontal 1"=20'
Vertical 1"=10'

PLAN

BY	DATE
J.E.W.	7/65

CONSULTING ENGINEERS
GORDON HERKENHOFF AND ASSOCIATES
ALBUQUERQUE, NEW MEXICO
TEL. 247-1445

NOTE BOOK
NO.

PROFILE

BY	DATE
J.E.W.	7/65

CONSULTING ENGINEERS
GORDON HERKENHOFF AND ASSOCIATES
ALBUQUERQUE, NEW MEXICO

NOTE BOOK
NO. 1

4960
4950

West Curb

+0.3905%

Existing ground

P.V.I. 100' V.C. MO-05 (4954.11)

-0.58333 %

Top of existing 12" Gas. Line

East Curb

+1.39008 %

P.V.C.

P.V.T.

27 28 29 30 31 32 33

PLATE 1—PLAN—PROFILE O.F. R. & R. E.
CHARLES BRUNING COMPANY, INC.

GORDON HERKENHOFF AND ASSOCIATES
CONSULTING ENGINEERS

PAVING DISTRICT 126 SHEET 15 OF 23

Tract 340 b Map 38

Tract 340 a1 Map 38

Tract 340 a-2

P.I. STA. 37+30.92
Δ= 25°53' Rt.

P.T. STA. 33+12.82 Back
EQUATION
P.T. STA. 33+12.12 Ahead

ADOBE HOUSE

Right of way

Twin 48" Cottonwoods

42" Dead tree

24" Dead tree

BUILD 3.5' SIDEWALK

67.92'

169.75'

24.36'

27.05'

2x2 H.E.T.

30" Cottonwood

24" Cottonwood

12"

G

ELEV. 4949.82

STA. 33+90 Build
Single "C" inlet

ELEV. 4952.44

STA. 36+00 Build 4'
DIA Type "B" manhole

1/2" Rebar

53' Std. Barb wire fence

47 STREET N.W.

ELEV. 4950.62

1/2" I.P.

94.70'

1/2" Rebar

STA. 37+83.33 Build
Single "C" inlet

Survey Line

Street ℄

ATRISCO

8" Popular

6" Popular

8" M.P.

6" ST.

20'

21" R.C.P.

15" R.C.P.

STA. 34+00

STA. 34+60

DRIVE

6'6" 8' Elms

8" ST.

2" M.P.T.

3/4" I.P. @ P.I.

T.P.

G.M.

Buy

N.W.

STA. 33+90 Build 4'
DIA. Type "B" manhole

STA. 33+90 Build
Single "C" inlet

176.44'

189.04'

202.34'

STA. 37+83.33 build
4' DIA. Type B manhole

42" Cottonwood

BLOCK STUCCO HOUSE

P.C. STA. 34+88.56

Tract 337 a 2 (Tr. A) Map

Albuquerque Motorcycle Club BLDG.

℄ CURVE DATA
P.I. STA. 37+30.92
Δ= 23°53' Rt.
R= 1145.92'
T= 242.36'
L= 477.66'
D= 5°00'

GENERAL NOTES.
1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

NOTE:
Buildings to be removed by others.

SCALE:
Horizontal 1"= 20'
Vertical 1"= 10'

PLAN
DATE 7-63
BY J.E.W.
SURVEY PLOTTED FROM FIELD NOTES DATED
NOTES, DESIGN
NO.

PROFILE
DATE 7/63
BY J.E.W.
SURVEY PLOTTED FROM FIELD NOTES DATED
NOTES, DESIGN
NO. 1

4360
4950
4940
4960
4950

-3.0833 %

PVC.

PVI. STA. 33+40.00
ELEV. 4952.40
CURVE DATA
L= 200'
K= 64.9

4' DIA Type B manhole
INV. ELEV. = 4947.98

198

PVT.

Existing ground

West Curb

21" R.C.P. S=0.0025

+0.2500 %

4' DIA Type B manhole
INV. ELEV. = 4946.45

36.00

4' DIA Type B manhole
INV. ELEV. = 4947.00

Top of existing gas line

INV. ELEV. = 4946.90

183

-0.5833 %

PVC.

PVI. STA. 35+40.00
ELEV. 4952.40
CURVE DATA
L= 200'
K= 64.9

PVT.

East Curb

+0.2500 %

4960
4950
4940
4960
4950

33
34
35
36
37
38

PLATE 1—PLAN—PROFILE G.P.R. and E.
CHARLES BRUNING COMPANY INC.

GORDON HERKENHOFF AND ASSOCIATES INC.
CONSULTING ENGINEERS

PLAN — SCALE: HORIZ. 1"=20' VERT. 1"=10' — DATE: 7/63 — BY: J.E.W. — DRAWN — TRACED — CHECKED — NOTE & BLOCK — SHEET NO. 1-2

PROFILE — SCALE: HORIZ. 1"=20' VERT. 1"=10' — DATE: 7/63 — BY: J.E.W. — DRAWN — TRACED — CHECKED — NOTE & BLOCK — SHEET NO. 1-2

REGINA ADDITION

2

GENERAL NOTES
1. Grades and elevation shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

47TH STREET N.W.

P.T. STA. 39+66.22

Right of way

4 Strand barb wire fence

Drive way

BUILD 4.5' SIDEWALK

81" Channel Iron

12" Iron Pipe

135.55'

ELEV. 4951.50

ELEV. 4951.83

S.M.H

Existing S.S. manhole

INV ELEV=4630

8" Steel water line abandoned

2" Apo-Cattle guard

Survey Line

ATRISCO DRIVE N.W.

Street ℄

℄ G.M.

T.P. (SW Gas co)

Russian Olive

Fence

Tract 337 a 2 (Tr. B) Map 38

Tract 337 a (Tr. C) Map 38

Bench mark: Southwest corner 47th and Atrisco Dr. NE.B.B. Firehydrant ELEV= 4955.23

Tract 337 b and Tract 343 b-1 Map 38

NOTE: Buildings to be removed by others.

SCALE: Horizontal 1"=20' Vertical 1"=10'

5'x5' Conc. Slab

27" R.C.P.

West curb

Existing ground

+0.25000%

+1.03333%

Top of existing 12" gas line

East curb

P.V.I.

P.V.C.

P.V.T.

4960

4950

38 39 40 41 42 43 44

PLATE I—PLAN—PROFILE O.F. S.O.R.E. CHARLES BRUNING COMPANY, INC.

GORDON HERKENHOFF AND ASSOCIATES CONSULTING ENGINEERS

PAVING DISTRICT 125 SHEET 17 OF 23

REGINA ADDITION PALISADES ADDITION 2

50 61 63 64 55

4 Strand barb wire fence

Right of way 143.56'

¾" Iron pipe

T.P.

¾" Pipe

G.E.S. treasure 12"MP reduction G

NW

30'

100'

REGINA CIRCLE STA. 5+42.75

ELEV. 49[illegible]5

12°C.I.

G 12"

W

70.90

32'

7.60

ELEV. 4978.47

ELEV. 4980.63

BUILD 3.5' SIDEWALK

132.65'

77.64'

LA BAJADA STA 55+52.15

R=30'

94.84

98.74

Build Double C Inlet

70.50

73.50

94.84

98.34

S.M.H.

160 LF Curb Removal

Survey Line

STA. 55+80 Build 4' DIA. Type B manhole

18" R.C.P.

S.M.H. P.I.B.

24" R.C.P.

ATRICCO DRIVE

Street ℄

G 20"

STA 50+09

STA 50+72

STA 55+21

Existing 12"

Existing 30" R.C.P.

N.W.

42.45'

55+85

Build Double C Inlet

RELOCATED FENCE

ELEV. 4983.35

203.35'

Right of way

197.51'

T.P. (S.U. Gas co.)

PT ℄ R/W STA. 50+41.83
STA. 50+41.96 ℄ Survey

GENERAL NOTES

1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

RIVER VIEW HEIGHTS

SCALE:
Horizontal 1"=20'
Vertical 1"=10'

5000 4990 4980 4970 4960

PVI 100'+0.00 (4980.00) +5.000%

PVI 100'+0.00 (4980.00) +5.000%

PVI 120'+0.00 (4973.60) +5.000%

PVI 100'+0.00 (4993.50) -5.000%

PVI 100'+0.00 (4988.50) -5.000%

PVI 100'+0.00 (4983.50) -5.000%

PVI 100'+0.00 (4978.50) -5.000%

PVI 100'+0.00 (4973.50) -5.000%

PVI 100'+0.00 (4968.50) -5.000%

PVI 100'+0.00 (4963.50) -5.000%

PVI 100'+0.00 (4958.50) -5.000%

PVI 100'+0.00 (4953.50) -5.000%

PVI 100'+0.00 (4948.50) -5.000%

PVI 100'+0.00

PALISADES ADDITION 2

RIVER VIEW HEIGHTS

GENERAL NOTES
1. Grades and elevations shown are to the to top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

R=30' | 11 | 10 | 9 | 8 | 7 | R=30' | 5 | R=30'

70.61' | 65.41' | 65.0' | Right of way 65.0' | 65.92' | 60' | 32' | 80' | 85'

6"C.L.C.W | BUILD 3.5' SIDEWALK | 6"C.L.C.W

1"Iranpipe

STA. 60+12.15 N.W. 292.12

56'-8" V.C. P.V.C. STRISCO PLACE N.W. S=0.004

STA.59+00 Build Double "C" Inlet

STA.57+00 Build Double "C" Inlet

STA.57+00 Build 4' DIA. Type "B" manhole

STA.58+04 Build Double "C" Inlet

STA.58+00 Build 4' DIA. Type "B" manhole

STA.59+00 Build 4' DIA. Type "B" manhole

STA. 61+00 Build Double "C" Inlet

STA. 61+00 Build 4' DIA Type "B" manhole

24"R.C.P | 18"R.C.P | 22' | 33' | 25' | 21' | 20' | 50' | 15' | 32' | 22' | 11' | 6" | 12" | G | 20"

ATRISCO DRIVE

℄ Street ℄ | Survey Line | STA.54+52.16 | STA.59+80 | STA.60+45 | S.M.H. | 6M | 6" N.W.

STA.57+00 Build Double "C" Inlet

STA.58+00 Build Double "C" Inlet

STA.59+00 Build Double "C" Inlet

ELEV 4998.78 | ELEV. 5005.66 | ELEV. 5015.40

Right of way | T | T.P. (S.U. Gas co.) | 454.63' | T.P. (S.U. Gas co.) | T.P. (S.U. Gas co.) | STA.61+00 Build Double "C" Inlet

50' | 50' | 50' | 50' | 50' | 30'

Tract B River View Heights

49 | 48 | 47 | 46 | 45 | 44

SCALE:
Horizontal 1"=20'
Vertical 1"=10'

5030 | 5020 | 5010 | 5000

PVI (20)+00 ELEV=4998.27 | AV.T | PVI (40)+00 ELEV=4996.57 | +4.16667% | 24"R.C.P S=0.05 | 4'DIA Type B manhole INV.ELEV=4998.30 | 24"R.C.P S=0.05 | 4'DIA Type B manhole INV.ELEV=5000.50 | 24"R.C.P S=0.05 | 4'DIA Type B manhole INV.ELEV=5006.30 | PVI (60)+00 ELEV=5012.11 | P.C. Curb Return ELEV=5012.79 | AT Curb Return ELEV=5013.25 | +5.100% | 24"R.C.P S=0.05 | 4'DIA Type B manhole INV.ELEV=5016.30 | 8" Sanitary Sewer | Existing ground | West Curb | Top of existing 12" Gas line | +5.100% | East Curb | Existing ground | +5.100%

AV.T | P.V.C | AV.C. | P.V.T

56 | 57 | 58 | 59 | 60 | 61 | 62

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
10 | 126 | 2069 | | 01 | | 02 | | 58 | 1 | 2

PLAN: TRACED | DRAWN | CHECKED | QUANTITIES | NOTE BOOK | SHEET NO. 2 | DATE 7/63 | REF. J.L.W. | ALIGNMENT ON SURVEY PLOTTED | FIELD BOOK | PROFILE

PROFILE: TRACED | DRAWN | CHECKED | QUANTITIES | NOTE BOOK | SHEET NO. 2 | DATE 7/63 | REF. J.E.W.

PLATE 1- PLAN-PROFILE O.F.R.A.R.E.
CHARLES BRUNING COMPANY INC.

GORDON HERKENHOFF AND ASSOCIATES
CONSULTING ENGINEERS

PAVING DISTRICT 126 SHEET 20 OF 23

PALISADES

ADDITION

RIVER VIEW HEIGHTS

GENERAL NOTES
1. Grades and elevations shown are to the top of curb.
2. Radii of curb returns to be 14' to the face of curb unless otherwise shown.

RIVERVIEW DRIVE N.W.
½" iron pipe
STA. 65+12.75
No. 5 Feb.

R 30' | 60' | R=30'

Right of way 67' | 85' | 70' | 78' | 50.68' | 60' | 60' | 65'

40.35 | 39.84 | 41.83 | 41.54

BUILD 3.5' SIDEWALK

Block wall | Remove Existing curb gutter | Sidewalk | 6" C.I.P.

G 20" | G 20"

STA 64+80 | STA 65+46 | STA 66+88 | STA 67+53

Survey Line | Street ℄ | ATRISCO | DRIVE | N.W.

90° | 12°36' | 4°16'

100 L.F. Curb Removal

SMH

Remove existing curb, gutter and sidewalk

2¼" C.I.P. | 46.40 | 49.58

G 12" | ELEV. 5022.28 | ELEV. 5031.41 | ELEV. 5041.22

Block wall | Build 42" Sidewalk for Lots 35 and 36 only. | 3' Sidewalk | Block wall | 2" F.H.

T.P. (S.U. Gas co.) | T.P. (S.U. Gas co.) | T.P. (S.U. Gas co.) | Right of way | ½" iron pipe | T.P. (S.U. Gas co.)

50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 20'

43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33

R=30' | R=30' | 50' | G RIVERVIEW PLACE N.W. | (Asphalt Pavement)

SCALE
Horizontal 1" = 20'
Vertical 1" = 10'

PLAN
Scale 1" = 20'
Horiz. Scale
Vert. Scale
No. 2
J.E.W. 7/65

PROFILE
Scale
Horiz. Scale 1" = 20'
Vert. Scale 1" = 10'
No. 2
J.E.W. 7/63

5060 | 5050 | 5040 | 5030

PVC | PVT | PVC | PVT | PVC | PVT | PVC | PVT

PC Curb Return ELEV. 5038.82 | PVI 200 VC MO=-3.93 (5046.93) | PT Curb Return ELEV. 5041.54 | PVI 200 VC MO=+3.93 (5046.93) | PVI 200 VC MO=-3.93 (5046.93) | PT Curb Return ELEV. 5044.20 | PVI 200 VC MO=+3.93 (5044.93) | PT Curb Return ELEV. 5049.58

+5.100 % | -2.8333 % | +6.57142 % | -2.8333 % | +6.57142 %

Existing ground | Top of existing 12" gas line | West Curb | East Curb

48.75 | 44.15

62 | 63 | 64 | 65 | 66 | 66.85 | 67 | 68.39 | 68

1 0 1 1 2 6 2 1 6 4 | 0 2 | 5 9 1 1 1

PLATE I—PLAN-PROFILE OF R.A.M.E.
CHARLES BOWLING COMPANY INC.

GORDON HERKENHOFF AND ASSOCIATES
CONSULTING ENGINEERS

PAVING DISTRICT 126 SHEET 21 OF 23