CITY OF

ALBUQUERQUE—NEW MEXICO

PAVING DISTRICT NO. 97

CONSULTING ENGINEERS

HERKENHOFF & ASSOCIATES

SANTA FE ALBUQUERQUE

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

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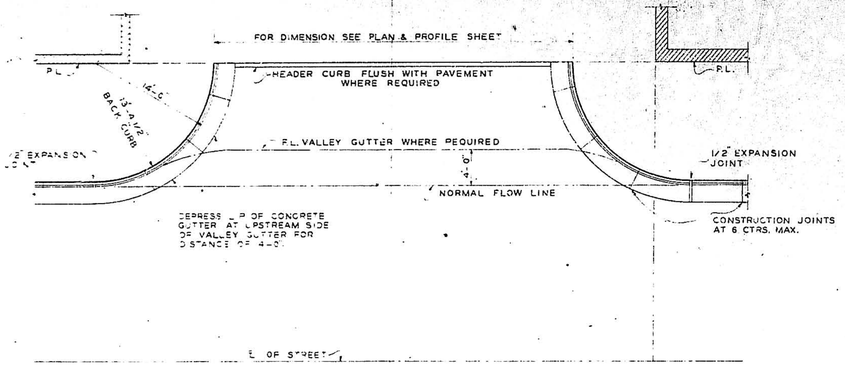
ALBUQUERQUE, NEW MEXICO

PAVING DISTRICT NO. 97

GENERAL LAYOUT

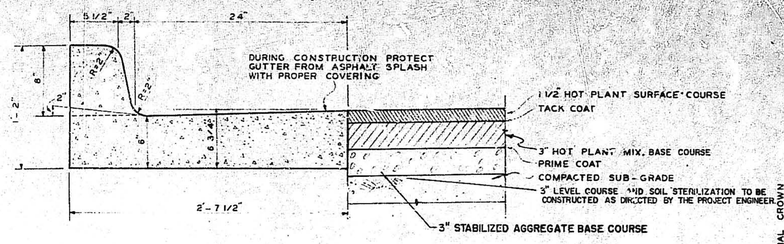
HERKENHOFF & ASSOCIATES
CONSULTING ENGINEERS
ALBUQUERQUE, NEW MEXICO

SCALE	DATE	DRAWN	SHEET 2
	OCT., 1955	CHECKED	OF 19



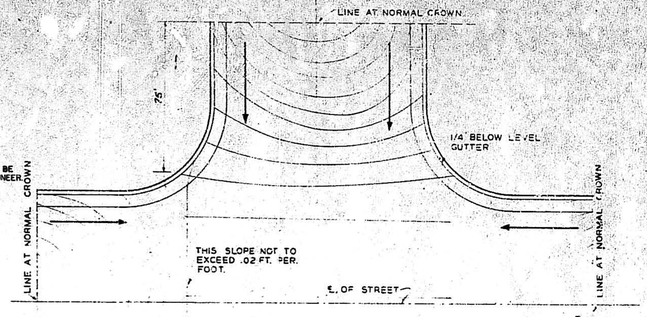
CURB RETURN
TYPICAL STREET INTERSECTION

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



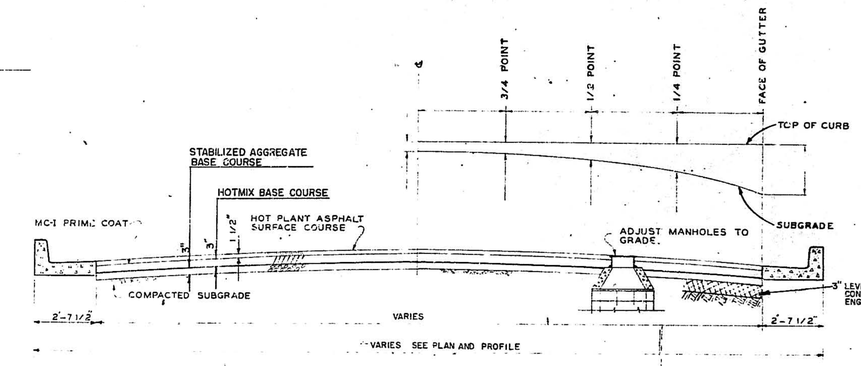
STANDARD CURB

SCALE: 1 1/2" = 1'-0"



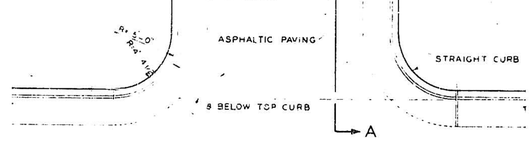
TYPICAL STREET INTERSECTION

SCALE: 3/32" = 1'-0"



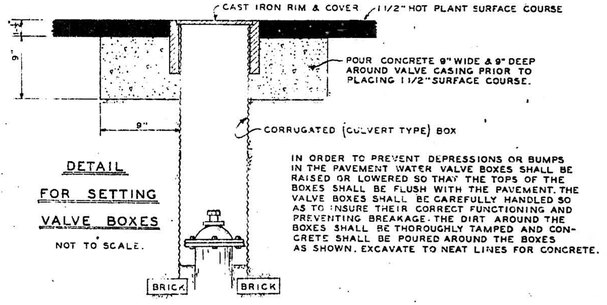
TYPICAL STREET SECTION

NOT TO SCALE



PLAN

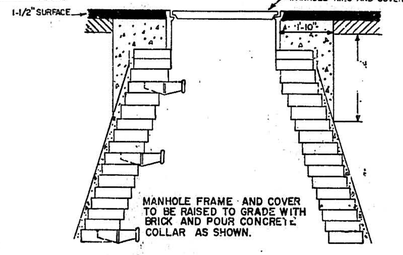
3/16" = 1'-0"



DETAIL FOR SETTING VALVE BOXES

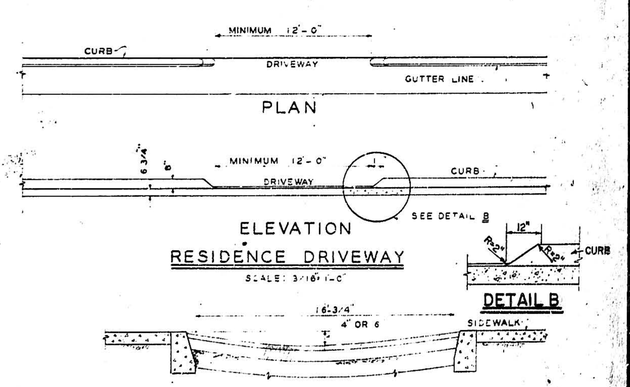
NOT TO SCALE.

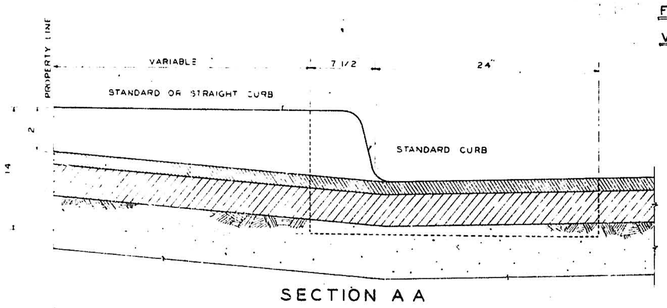
IN ORDER TO PREVENT DEPRESSIONS OR BUMPS IN THE PAVEMENT WATER VALVE BOXES SHALL BE RAISED OR LOWERED SO THAT THE TOPS OF THE BOXES SHALL BE FLUSH WITH THE PAVEMENT. THE VALVE BOXES SHALL BE CAREFULLY HANDLED SO AS TO INSURE THEIR CORRECT FUNCTIONING AND PREVENTING BREAKAGE. THE DIRT AROUND THE BOXES SHALL BE THOROUGHLY TAMPED AND CONCRETE SHALL BE POURED AROUND THE BOXES AS SHOWN. EXCAVATE TO NEAT LINES FOR CONCRETE.



AFTER THE HOT PLANT MIX SURFACE COURSE HAS BEEN PLACED AND COMPACTED, THE MANHOLE SHALL BE CONSTRUCTED AS SHOWN. THE DIRT AROUND THE MANHOLE SHALL BE JET COMPACTED. EXCAVATE TO NEAT LINES FOR CONCRETE.

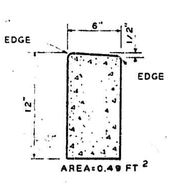
MANHOLE





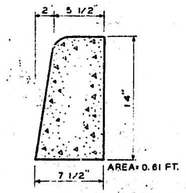
DETAIL OF ALLEY RETURN

SCALE: 1 1/2" = 1'-0"



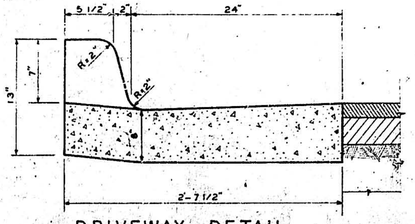
HEADER CURB

SCALE: 1 1/2" = 1'-0"
USE AS SHOWN ON STREET INTERSECTIONS.



STRAIGHT CURB

SCALE: 1 1/2" = 1'-0"
USE ALONG EXISTING PAVEMENTS WHERE SHOWN.



DRIVEWAY DETAIL

SCALE: 1 1/2" = 1'-0"

ALLEY SECTION AT ℄ SIDEWALK

SCALE: NOT TO SCALE

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 97 0358 10

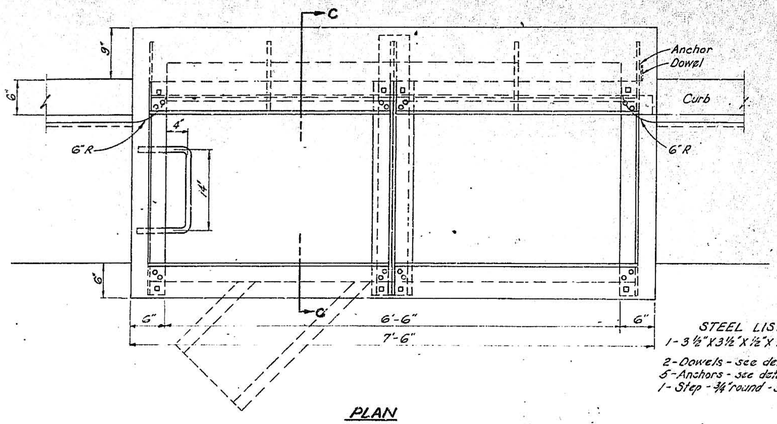
ALBUQUERQUE, NEW MEXICO

PAVING DISTRICT NO. 97

DETAILS

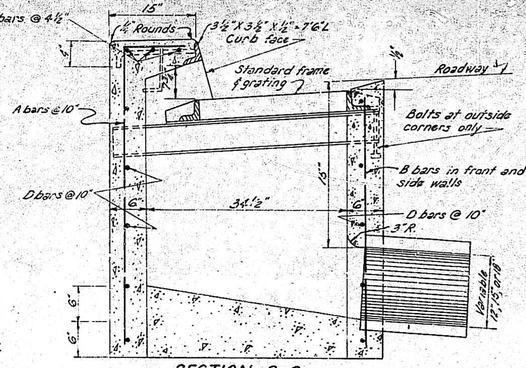
HERKENHOFF & ASSOCIATES
CONSULTING ENGINEERS
SANTA FE ALBUQUERQUE

SCALE	DATE	DRAWN	SHEET 3
AS SHOWN	, 195	CHECKED	OF 19

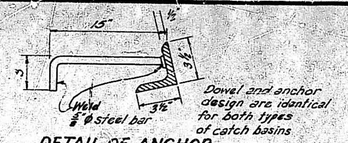


STEEL LIST
1-3½"X3½"X½"X7'6"L
2-Dowels-see detail
5-Anchors-see detail
1-Step-¾"round-see plan

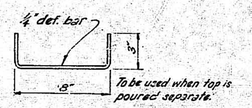
PLAN
DOUBLE GRATES STANDARD CATCH BASIN-TYPE C
SCALE: 1"=1'-0"



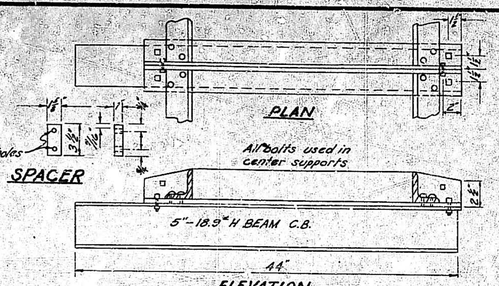
SECTION C-C
TYPE C

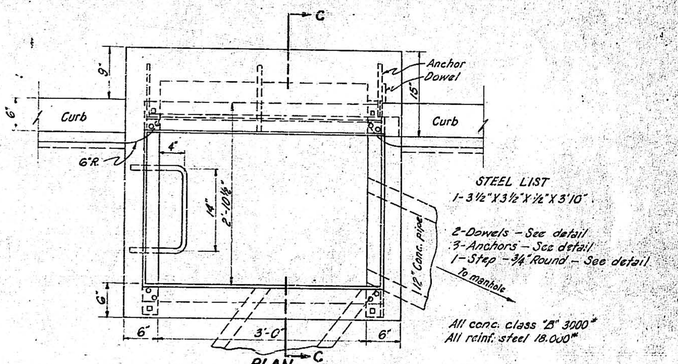


DETAIL OF ANCHOR



DETAIL OF DOWEL

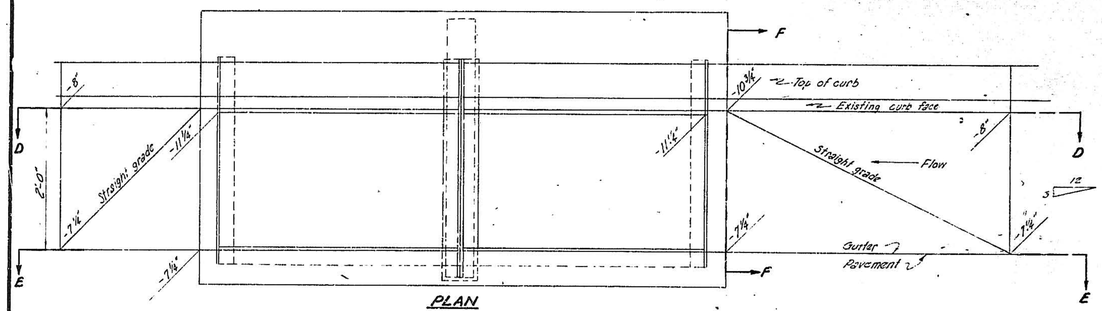




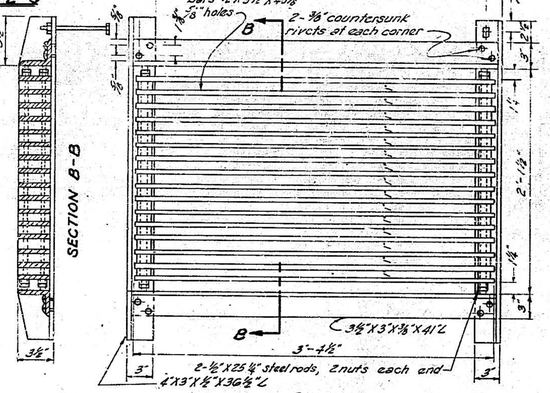
STEEL LIST
1-3½"X3½"X½"X3'10"
2-Dowels-See detail
3-Anchors-See detail
1-Step-¾"Round-See detail

All conc. class "B" 3000#
All reinf. steel 18,000#

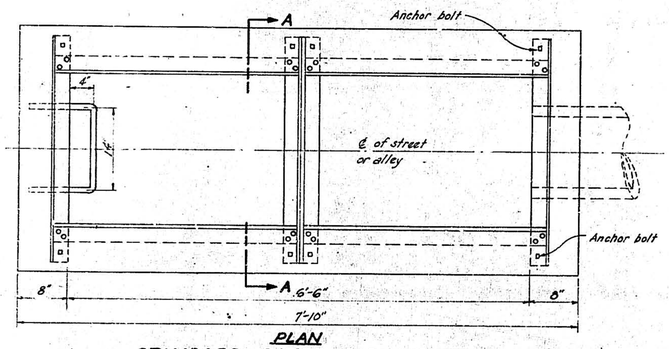
PLAN
SINGLE GRATE INLET & CATCH BASIN
TYPE C-ONE HALF STANDARD SIZE
Scale 1"=1'



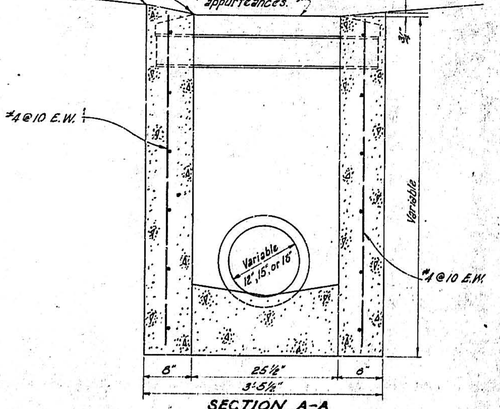
PLAN
STANDARD LOCAL DEPRESSIONS FOR CATCH BASINS
TYPES A,B,C, AND C-1



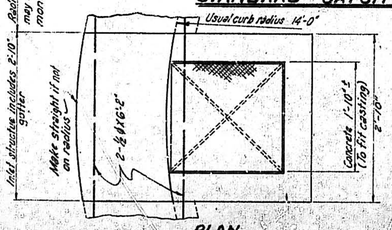
PLAN
STANDARD FRAME AND GRATING
SCALE ½"=1'



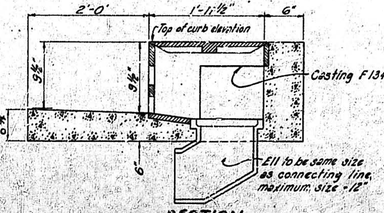
PLAN
STANDARD CATCH BASIN TYPE-D



SECTION A-A
TYPE-D

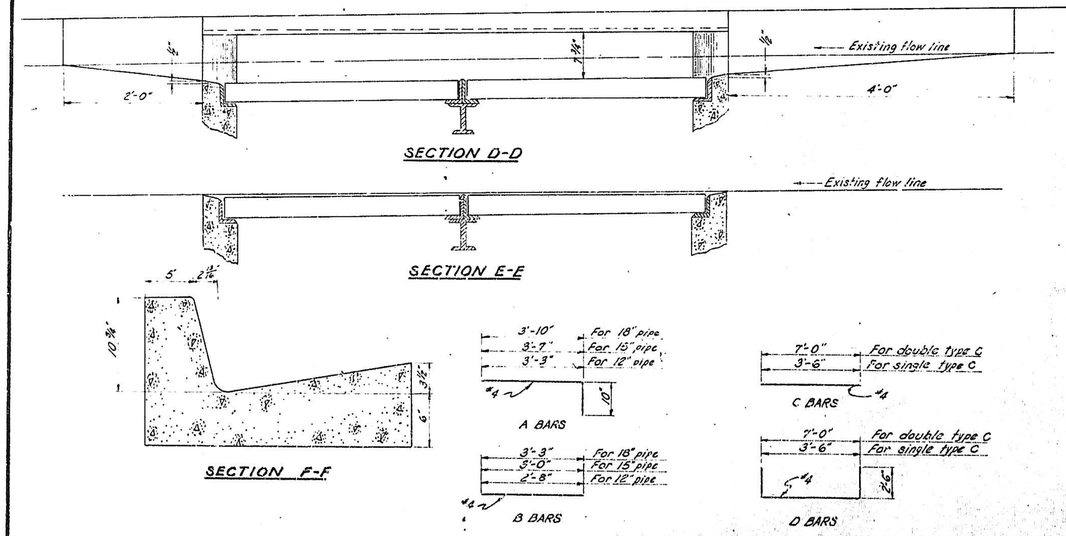


PLAN



SECTION

TYPE F INLET



BAR BENDING DIAGRAM

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

1 0 | 9 7 | 0 4 5 8 | 1 0

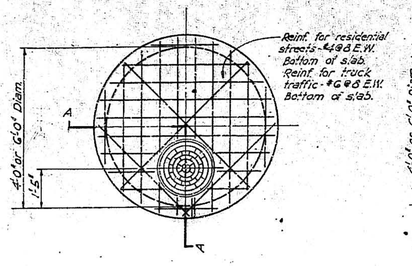
08

ALBUQUERQUE, NEW MEXICO
STORM SEWER STANDARDS

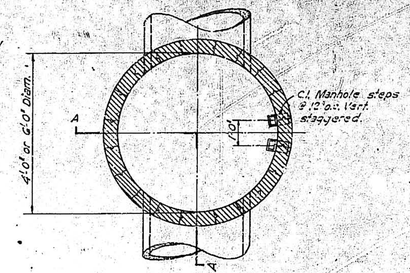
INLET DETAILS

HERKENHOFF & ASSOCIATES
CONSULTING ENGINEERS
SANTA FE ALBUQUERQUE

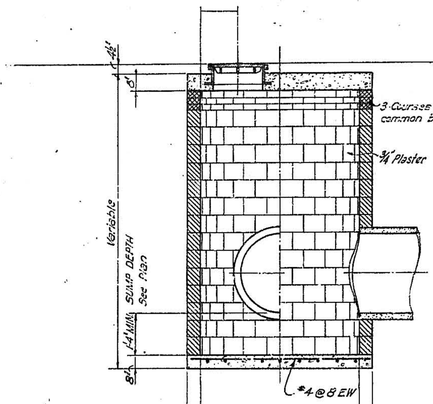
SCALE	DATE	DRAWN R.G.T.	SHEET 4
AS SHOWN	JULY 1957	CHECKED G.A.J.	OF 19



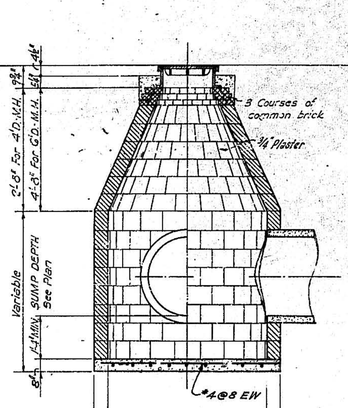
TOP PLAN OF TYPE A



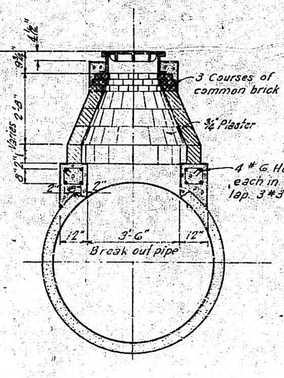
SECTION PLAN OF TYPE A & TYPE B



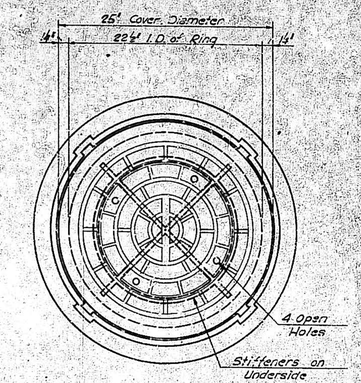
SECTION A-A - TYPE A MANHOLE
(WITH SUMPED INVERT)



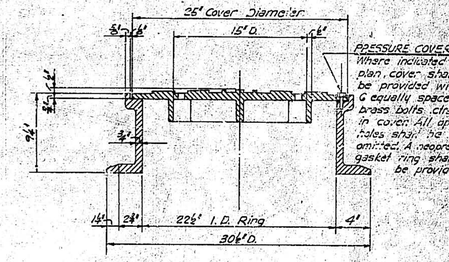
SECTION A-A - TYPE B MANHOLE
(WITH SUMPED INVERT)



INTERMEDIATE MANHOLE



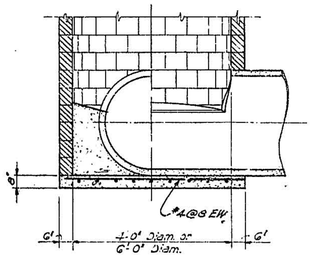
PLAN



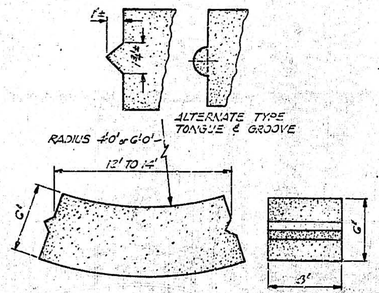
SECTION

NOTE: Manhole ring and cover shall be 400 lbs. min.

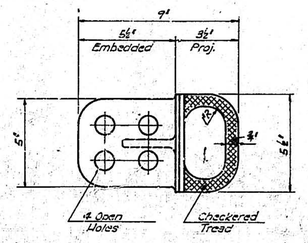
TYPICAL DETAILS OF CAST IRON MANHOLE RING AND COVER
SCALE: ½" = 1'0"



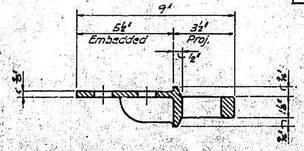
SECTION A-A - TYPE A OR TYPE B MANHOLE
(WITHOUT SUMPED INVERT)



TYPICAL DETAIL OF CONCRETE BLOCK



PLAN



SECTION

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

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 | 97 | 0558 | 10

ALBUQUERQUE, NEW MEXICO

STORM SEWER STANDARDS

MANHOLE DETAILS

HERKENHOFF & ASSOCIATES
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO

SCALE	DATE	DRAWN J.F.A.	SHEET 5
AS SHOWN		CHECKED G.A.J.	OF 10

N.J. SANCHEZ ADD. SIMPIER NO. 2 ADD. M.R.G.C.D. MAP 41 GUTIERREZ ADD. M.R.G.C.D. MAP 41 NUANES ADD. LANDS OF D.G. MARQUEZ M.R.G.C.D. MAP 40

BARELAS RD. S.W. — CURVE DATA: Δ = 16°10' Lt., D = 4°00', R = 196.10', L = 389.56' — PROPERTY OF N. J. SANCHEZ — BRIDGE OF 10TH ST. OVER ATCHISON TOPEKA & SANTA FE R.R. — DOWN CONST. STA. 0+07 — B.M. W. Lug M.H. South Lane Bridge & Barelas EL. 4944.05

NOTE: Remove and Replace Existing Sidewalks. Replace With 3½' Sidewalk.

Remove Existing Curb — Remove Ex. Curb — Remove Ex. Curb & Gutter — Remove Existing Curb & Gutter — Remove Ex. Curb & Gutter — Remove Ex. Curb — Remove Ex. Curb & Gutter — Remove Ex. Curb — Remove Ex. Curb & Gutter — Remove Ex. Curb

N.J. SANCHEZ ADD. SIMPIER NO. 2 ADD. M.R.G.C.D. MAP 41 GUTIERREZ ADD. M.R.G.C.D. MAP 41 NUANES ADD. LANDS OF D.G. MARQUEZ M.R.G.C.D. MAP 40

BRIDGE BLVD. S.W.

Begin CONST. STA. 10+00

BARELAS RD. S.W.

CURVE DATA
Δ = 16°10' Lt.
D = 1°00'
T = 196.10'
L = 389.56'

PROPERTY OF N. J. SANCHEZ

B.M. W. Lue M.H. South Lane Bridge & Barelas El. 4944.05

NOTE
Remove and Replace Existing Sidewalks. Replace With 3½' Sidewalk

Remove Existing Curb

Remove Existing Gutter

Remove Ex. Curb

BELL AVE. S.W.

LEWIS AVE. S.W.

MATCH LINE

56141

MAP 41 M.R.G.C.D. MAP 41 M.R.G.C.D. 57142 MAP 40

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R.W. RIGHT OF WAY CHECKED
STRUCTURE LOCATIONS CK.
BY
DATE

EAST CURB

WEST CURB

Existing Ground

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
R.W. RIGHT OF WAY CHECKED
STRUCTURE LOCATIONS CK.
BY
DATE

M.R.G.C.D. MAP 40 T.G. APODACA ADD. SANTA FE ADDITION

CROMWELL AVE. S.W.

CURVE DATA
Δ = 24°22' Rt.
D = 20°
T = 61.96'
L = 121.83'

Remove Existing Curb

PACIFIC AVE. S.W.

CURVE DATA
Δ = 9°10' Rt.
D = 3°00'
T = 51.13'
L = 102.08'

CROMWELL ADDITION M.R.G.C.D. MAP 40 JOHN A. LEE ADDITION M.R.G.C.D. MAP 40 ATLANTIC AND PACIFIC ADD.

Remove Ex. Curb

ALLEY

SANTA FE AVE.

ATLANTIC AVE. S.W.

CURVE DATA
Δ = 33°25' Lt.
D = 10°00'
T = 174.63'
L = 335.00'

5 Ft. Sidewalk S.W. Curb Rtn. Barelas & Atlantic El. 4945.84

NOTE
Cost for removal of trees, fences walls and other obstructions within construction limits, to be included in unit bid per square yard for grading.

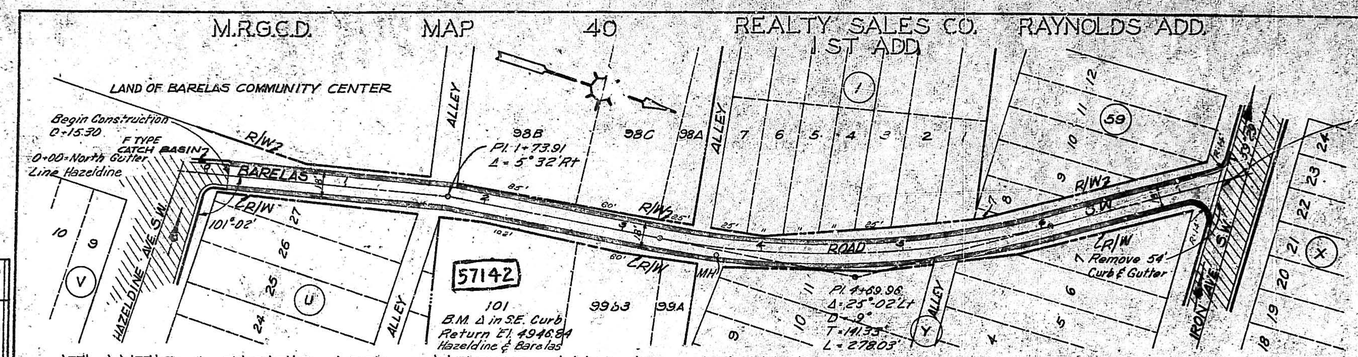
10 97 0658 002 5.5141 5.7142

Existing Ground

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

P.D. 97 SHEET 6 OF 19

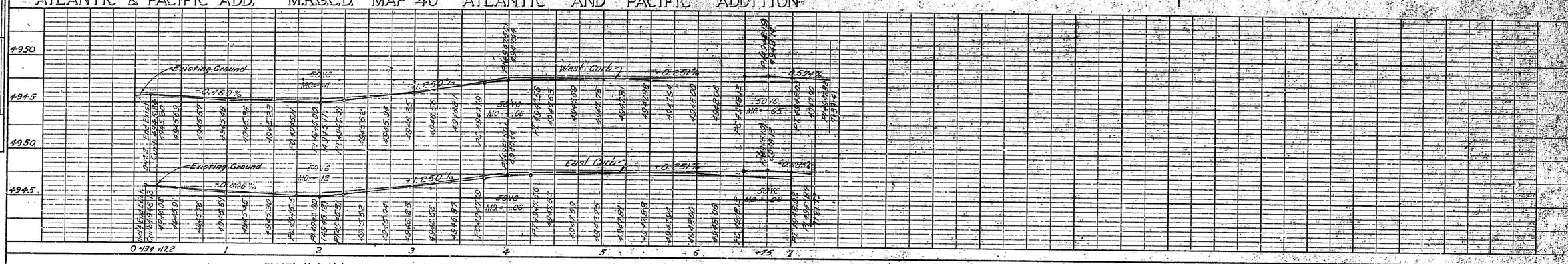
M.R.G.C.D. MAP 40 REALTY SALES CO. RAYNOLDS ADD. 1ST ADD.



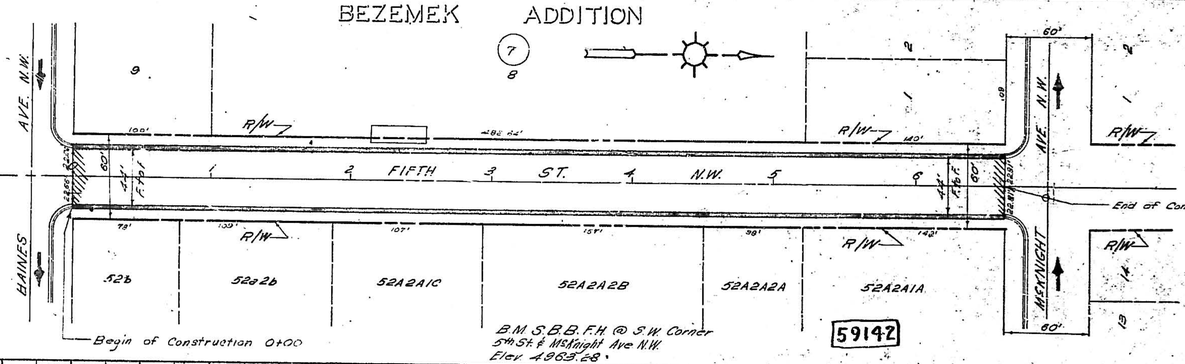
Note:
Cost for removal of trees, fences, walls and other obstructions within construction limits to be included in Unit bid per square yard for grading.

Typical Section For Barelas Road, S.W. From Hazeldine Ave to Iron Ave.

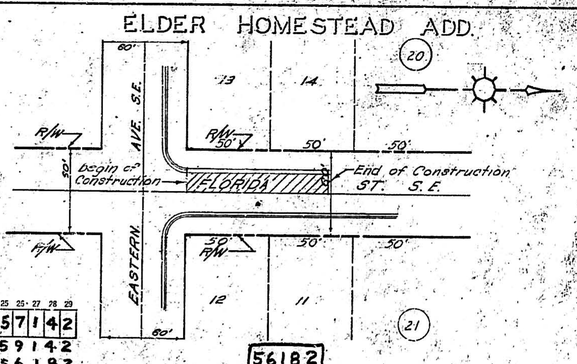
ATLANTIC & PACIFIC ADD. M.R.G.C.D. MAP 40 ATLANTIC AND PACIFIC ADDITION

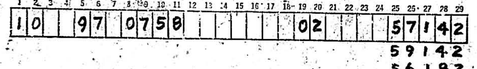


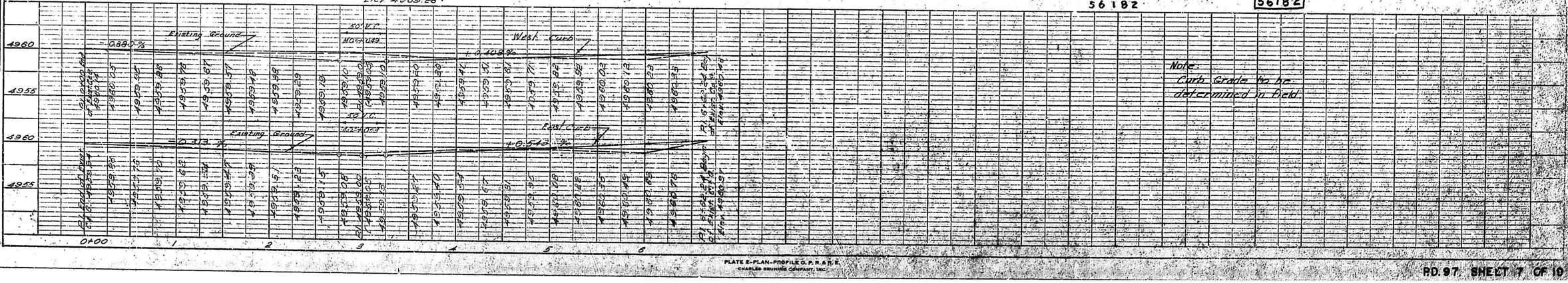
BEZEMEK ADDITION



ELDER HOMESTEAD ADD.





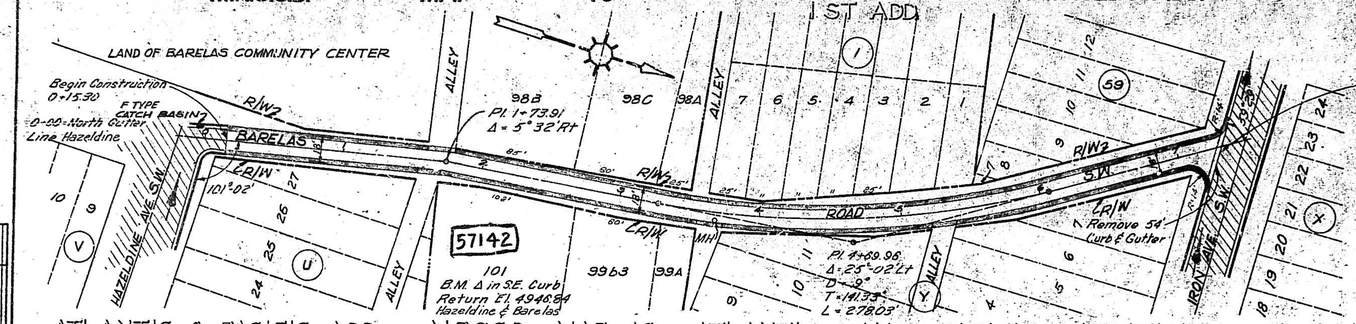


Note:
Curb Grade to be determined in field.

PLAN: SURVEYED, PLOTTED, NOTE BOOK, NO., ALIGNMENT CHECKED, R/W & NOTED, STRUCTURE NOTATNS.CHCK., BY, DATE

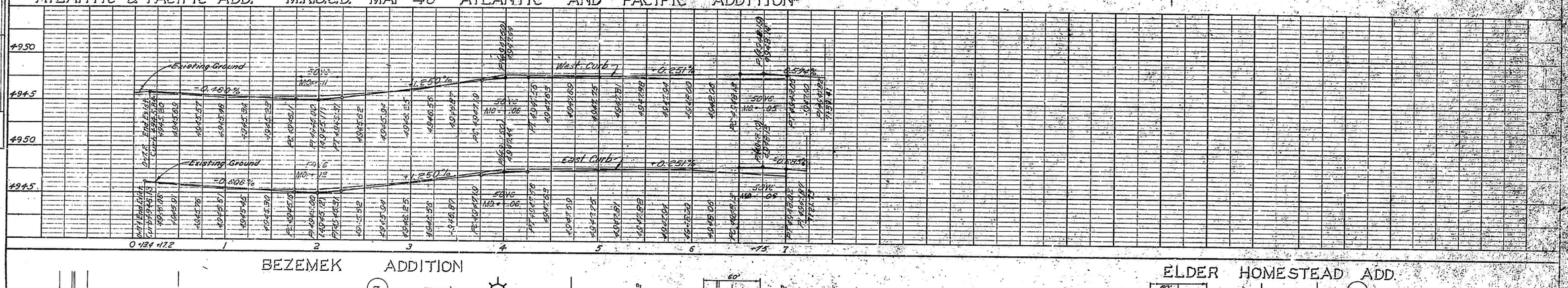
PROFILE: SURVEYED, PLOTTED, NOTE BOOK, NO., R/W & NOTED, STRUCTURE NOTATNS.CHCK., BY, DATE

M.R.G.C.D. MAP 40 REALTY SALES CO. RAYNOLDS ADD. 1ST ADD.

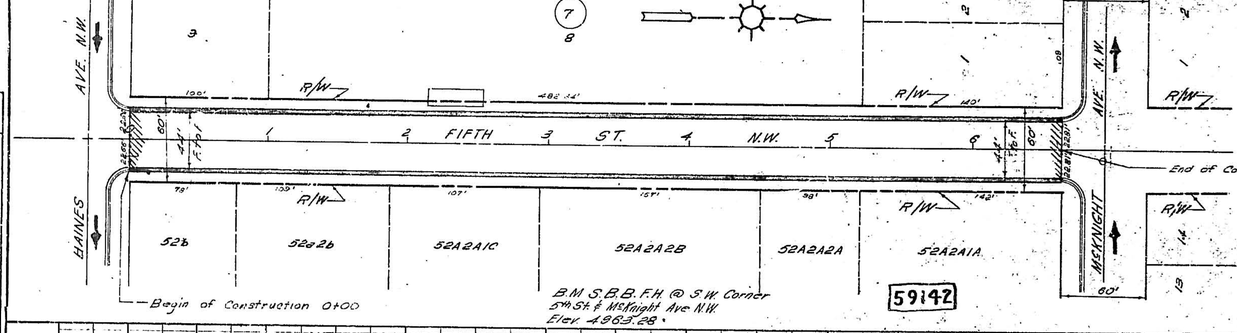


ATLANTIC & PACIFIC ADD. M.R.G.C.D. MAP 40 ATLANTIC AND PACIFIC ADDITION

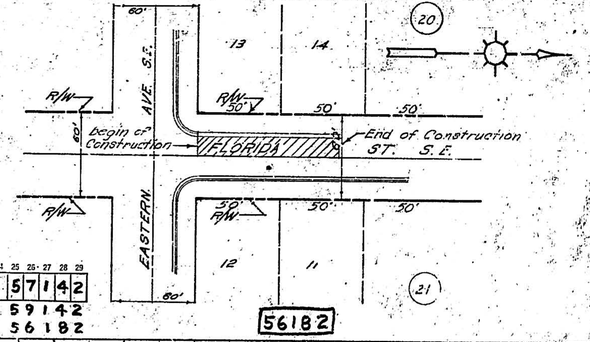
PLAN — SURVEYED, PLOTTED, GRADES CHECKED, ALIGNMENT CHECKED, B.M.'s NOTED, STRUCTURE NOTATIONS CHECK, NOTE BOOK, NO., DATE, BY



BEZEMEK ADDITION

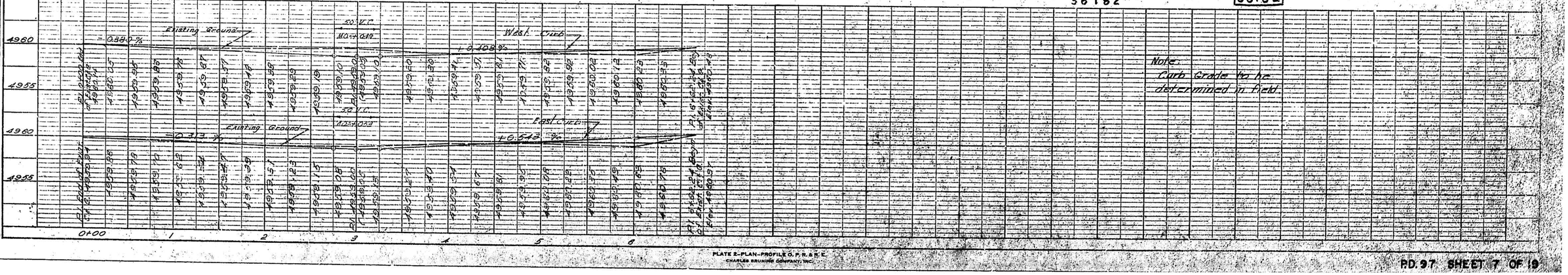


ELDER HOMESTEAD ADD.



1 0 9 7 0 7 5 8 0 2 5 7 1 4 2
59142
56182

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, B.M.'s NOTED, STRUCTURE NOTATIONS CHECK, NOTE BOOK, NO., DATE, BY



Note: Curb Grade to be determined in field.

PLATE 2—PLAN—PROFILE C.F.R.&R.E. CHARLES BRUNNER COMPANY, INC.

P.D. 97 SHEET 7 OF 19

M.R.G.C.D. MAP 40 REALTY SALES CO. RAYNOLDS ADD. 1ST ADD.

LAND OF BARELAS COMMUNITY CENTER

Begin Construction 0+15.30

E TYPE CATCH BASIN

0+00 North Gutter Line Hazeldine

BARELAS RD. S.W.

R/W 101°-02'

HAZELDINE AVE. S.W.

ALLEY

98B P.I. 1+73.91 Δ = 5°32' Rt

98C 98A 99B 99A

R/W 60'

57142

101 B.M. Δ in S.E. Curb Return El 4946.84 Hazeldine & Barelas

P.I. 4+59.98 Δ = 25°02.1' D = 9° T = 141.33 L = 278.03

End Construction 7+31.98 South Gutter Line Iron Ave S.W.

Remove 54' Curb & Gutter

IRON AVE. S.W.

Note: Cost for removal of trees, fences, walls and other obstructions within construction limits to be included in Unit bid per square yard for grading.

18.0'

6" Header Curb — 6" Header Curb

Typical Section For Barelas Road S.W. From Hazeldine Ave to Iron Ave.

ATLANTIC & PACIFIC ADD. M.R.G.C.D. MAP 40 ATLANTIC AND PACIFIC ADDITION

4950 / 4945 / 4950 / 4945

Existing Ground — West Curb — East Curb

0+00 1 2 3 4 5 6 7

BEZEMEK ADDITION

AVE. N.W.

FIFTH ST. N.W.

MCKNIGHT AVE. N.W.

HAINES

R/W

52b 52a2b 52A2A1C 52A2A2B 52A2A2A 52A2A1A

Begin of Construction 0+00

End of Construction 6+82.24

B.M. S.B.B.F.H. @ S.W. Corner 5th St. & McKnight Ave N.W. Elev 4963.28

59142

ELDER HOMESTEAD ADD.

AVE. S.E.

FLORIDA ST. S.E.

EASTERN AV.

Begin of Construction

End of Construction

56182

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

1 0 9 7 0 7 5 8 0 2 5 7 1 4 2

59142 56182

4960 / 4955 / 4960 / 4955

Existing Ground — West Curb — East Curb

Note: Curb Grade to be determined in field.

0+00 1 2 3 4 5 6

PLATE 2—PLAN—PROFILE O. P. R. & R. E.
CHARLES BRUNING COMPANY, INC.

P.D. 97 SHEET 7 OF 19

MRGCD MAP 41 | SIMPIER ADD | GUTIERREZ ADD | APODACA & SEDILLO ADD | MRGCD MAP 41 | OCHO DEL SUR ADD | MRGCD MAP 41 | RIVERSIDE ADD

NJ SANCHEZ ADD NO 2 MRGCD MAP 41

56141

NUANES ADD MRGCD MAP 41

57142

MRGCD MAP 41 | TG APODACA ADD | SANTA FE ADD | MRGCD MAP40 | PARK ADD

57142

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

MRGCD MAP 41 — SIMPIER ADD — GUTIERREZ ADD — APODACA & SEDILLO ADD — MRGCD MAP 41 — OCHO DEL SUR ADD — MRGCD MAP 41 — RIVERSIDE ADD

BLVD. S.W. — BRIDGE — 8th STREET S.W. — SIMPIER Lay down Curb — LANE — AVE. S.W. — Lay down Curb — MATCH LINE — BELL — 8th STREET S.W. — CURVE DATA Δ = 36° 15' Lt. D = 8°00' T = 234.6 L = 453.1 R = 716.90 — R=10' — 8th STREET S.W. — MATCH LINE 2 — R=10' — R=10' — 8th STREET S.W. — CURVE DATA Δ = 32° 18' Rt. D = 8°00' T = 214.4 L = 416.3 R = 1159.70 — R=10' — MATCH LINES

Note: The cost of all obstructions except those shown in bid proposed shall be included in the unit price bid for grading

B.M. N.B.B.F.H. @ N.W. Cor. Bridge St. S.W. & 8th St. S.W. Elev. 4949.31

56141

Note: Begin 40' Street @ North & Marquez Lane S.W. With 50' Transition South of this Point.

NJ SANCHEZ ADD NO 2 — MRGCD MAP 41 — NUANES ADD — MRGCD MAP 41 — 57142

-1.45% — 50' V.C. M.O. = +0.08 — -0.80% — 100' V.C. M.O. = +0.45 — -1.88% — 50' V.C. M.O. = +0.18 — -2.60% — 100' V.C. M.O. = +0.45 — -0.80% — -0.80% — 50' V.C. M.O. = +0.07 — +0.332% — 50' V.C. M.O. = +0.07 — +0.333% — WEST CURB — 50' V.C. M.O. = -0.052 — -0.50% — 50' V.C. M.O. = +0.063 — +0.60% — 50' V.C. M.O. = +0.068 — +0.60% — EAST CURB — 50' V.C. M.O. = -0.052 — -0.50%

4945 — 4940 — 4945 — 4940

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

MRGCD MAP 41 — TG APODACA ADD — SANTA FE ADD — MRGCD MAP 40 — PARK ADD

MITCH LINE — Lay down Curb — CROMWELL — ALLEY — 16th 8th STREET S.W. — PACIFIC — AVE. S.W. — 60'0" — 8th STREET S.W. — ALLEY — CANTA FE — AVE. S.W. — 8th STREET S.W. — ALLEY — ATLANTIC — AVE. S.W. — WALL — 30' STORM SEWER R/W — End Construction Sta 26+26.40 — 42°37' — 80.66' R/W — 42°37' — 30' — 60' — 7.5% SW

B.M. S. Lug M.H. Sta. 26+61.38 Elev. 4945.56

57142

-0.60% — 100' V.C. M.O. = -0.18 — +0.60% — -0.4553% — 50' V.C. M.O. = +0.04 — +0.251% — -0.6583% — 50' V.C. M.O. = +0.056 — WEST CURB — +0.345% — 100' V.C. M.O. = +0.21 — +1.88% — -0.12 — -0.4356% — 50' V.C. M.O. = +0.041 — +0.228% — 50' V.C. M.O. = -0.055 — -0.6533% — 50' V.C. M.O. = +0.19 — EAST CURB — +0.245% — 100' V.C. M.O. = +0.16 — +1.48%

10 97 0858 02 56141 57142

4945 — 4940 — 4945 — 4940

14 15 16 17 18 19 20 21 22 23 24 25 26+37.38 0 1 2 3

PLATE 2—PLAN—PROFILE O, P, R & R. E.
10x5 ACS PAPER—MADE AND PRINTED IN U.S.A.
CHARLES CRUNING COMPANY, INC.

P.D. 97 SHEET 8 OF 19

RIO GRANDE PARK ADD

MRGCD MAP 40

REALTY SALES CO 1 ADD

RAYNOLDS ADD

Sta 0100 Ahead = 2+37.28 Back

Note: Remove 45' of Existing Stone Wall Either Side of 8th St ℄.

8TH STREET S.W.

ATLANTIC AVE. S.W.

30" STORM SEWER

Begin Construction Sta. 1+11.00

Remove Existing Curb & Gutter

B.M. West Lug M.H. Sta. 8+80 - 75' Lt. Elev. = 4993.69

57132

Begin Const Sta 0+14.65

End Construction Sta. 8+76.26

End Construction Sta. 2+59

Note: Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in unit bid per square yard for grading.

-0.8095%

50 V.C. M.O. = 0.035

WEST CURB

0.2429%

10.5108%

1.231%

50 V.C. M.O. = 0.061

0.2499

EAST CURB

-0.2355

4945

4940

0 1 2 3 4 5 6 7 8 +92.5 0 1 2 +59 3

BACA & ARMIJO ADD

MRGCD MAP 40

MRGCD MAP 41

APODACA & SEDILLO ADD

Begin Const. Sta. 1+15.14

CROMWELL AVE. S.W.

BARELAS RD.

Sta 1+37 ℄ to bk. ck. 16.23'

End Construction Sta 5+63.35

Begin Const. Sta. 0+00

℄ to bk. ck. = 16.03'

0+00 = P.O.S.T.P.I. + 38.78 on 8th St. S.W.

FOURTH ST. S.W.

EIGHTH ST.

LEWIS AVE SW

℄ BARELAS RD.

End Construction Sta 5+82.68

PP Sta. 4+02 10.2' Lt.

PP Sta. 3+87 14.0' Rt.

16 a B.M.S.B.C.F.H.C. 8th St. S.W. & Lewis Ave. SW Elev. 4990.05

B.M. N. Rim M.H. Sta. 0+59 Elev. 4945.16

57142

56141

MRGCD MAP 41

-9.3278%

50 V.C. M.O. = 0.079

NORTH CURB

-0.4760777%

+0.2330777%

+1.7955%

50 V.C. M.O. = 0.093

-0.4909091%

SOUTH CURB

-0.1379449%

-0.4941%

+0.2576087%

4950

4945

4940

0 175 1 2 150 3 4 5 6 0 1 2 3 4 5 6

PLATE 2-PLAN-PROFILE O.P.R. & R.E.
100% RAG PAPER—A.S.C.I. AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY, INC.

10 97 09 58 02 57132 57142 57141

P.D. 97 SHEET 9 OF 18

RIO GRANDE PARK ADD

MRGCD MAP 40

REALTY SALES CO 1 ADD

RAYNOLDS ADD

Sta. dist. ahead = 20137.28 Back

Note: Remove 45' of Existing Stone Wall Either Side of 8th St. R.

8TH STREET S.W.

ATLANTIC AVE. S.W.

50.68'

Begin Construction Sta. 11+71.00

30" STORM SEWER P.W.

7TH ST. S.W.

Remove Existing Curb & Gutter

B.M. West Lug M.H. Sta. 8+86 - 75' Lt. E'ly V. = 7943.89

57132

STONER AVE. S.W.

MATCH LINE

100°43'

65°43'

Begin Const. Sta 0+19.65

End Construction Sta. 8+76.26

ALLEY

End Construction Sta. 21+59

Note:
Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in unit bid per square yard for grading.

-0.8995%

50 V.C. M.D. = +0.035

-0.2424%

+0.5108%

1.231%

50 V.C. M.D. = +0.061

-0.2499

+0.2355

WEST CURB

EAST CURB

4945

4940

0 1 2 3 4 5 6 7 8 +92.5 0 1 2 +59 3

BACA & ARMIJO ADD

MRGCD MAP 40

MRGCD MAP 41

APODACA & SEDILLO ADD

Begin Const. Sta. 0+15

CROMWELL AVE. S.W.

Sta. 1+37 ℄ to bk. cb. 16.23'

B.M. N. Rim M.H. Sta. 0+59 Elev. 4945.16

BARELAS RD.

FOURTH ST. S.W.

Begin Const. Sta. 0+00

℄ to bk. cb. = 16.63'

0+00 = P.O.S.T.P.I. + 38.78 on 8th St. S.W.

EIGHTH ST. S.W.

LEWIS AVE. S.W.

537.76'

P.P. Sta. 4+02 10.2' Lt.

P.P. Sta. 31+97 140' Rt.

End Construction Sta. 51+22.82

16B B.M. S.B.B. F.H. @ 8th St. S.W. & Lewis Ave. S.W. Elev. 4949.05

57142

56141

MRGCD MAP 41

-0.3278%

-0.4760777%

NORTH CURB

-0.1374444%

+0.2330777%

SOUTH CURB

+0.2557605%

4950

4945

4940

0 +75 1 2 +50 3 4 5 6 0 1 2 3 4 5 6

10 97 0958 02 57132 57142 56141

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

P.D. 97 SHEET 9 OF 19

RIO GRANDE PARK ADD

MRGCD MAP 40

REALTY SALES CO 1 ADD

RAYNOLDS ADD

Note: Remove 45'± of Existing Stone Wall Either Side of 8th St S.

Begin Construction Sta. 11+71.00

Remove Existing Curb & Gutter

B.M. West Lug M.H. Sta. 8+86 - 75' Lt. Elev. = 4945.69

End Construction Sta. 8+76.20

Begin Const. Sta 0+14.65

End Construction Sta. 2+59

Note: Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in unit bid per square yard for grading.

57132

BACA & ARMIJO ADD

MRGCD MAP 40

MRGCD MAP 41

APODACA & SEDILLO ADD

Begin Construction Sta. 0+00

End Construction Sta. 6+63.05

Begin Const. Sta 0+00

End Construction Sta. 5+78.62

B.M. N. Rim M.H. Sta. 0+59 Elev. 4945.16

16a B.M.S.B.B.F.H.@ 8th St. S.W. & Lewis Ave. S.W. Elev. 4944.05

57142

56141

MRGCD MAP 41

10 97 09 58 02

57132

57142

57141

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

P.D. 97 SHEET 9 OF 19

RAYNOLDS ADDITION

ATLANTIC & PACIFIC ADDITION

Begin Construction Sta. 0+00

End Pvt. 11+26

Beg. Pvt. 21+22.8 Twin C.W. Trees

End Pvt. 5+86

Beg. Pvt. 5+82

End Pvt. 7+45.6

Beg. Pvt. 9+92.9

End Pvt. 12+56.8

Beg. Pvt. 13+02

13TH ST. S.W.

12 S.W. ST.

STOVE ALLEY

IRON ALLEY

COAL ALLEY

LEAD ALLEY

AVE S.W.

B.M. Top Iron Pipe S.W. Cor. Lot 12 Block 62 Raynolds Add 1944.67

57131

Existing Ground Line

WEST CURB

EAST CURB

+0.379%

-0.806%

-0.811%

+0.415%

-0.389%

50' V.C. M.O.= 0.056

+0.339%

-0.361%

-0.302%

50' V.C. M.O.= 0.041

+0.365%

-0.543%

50' V.C. M.O.= 0.051

Note: Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in unit bid per square yard for grading.

Begin Construction Sta. 0+00

End Construction Sta. 2+92.

6TH ST.

Post Fence

B.M. W. Lug M.H. Barclas & Iron 4941.37

57142

End Construction Sta. 19+58.6

B.M. North Lug Sanitary M.H. & Gold & 13th St. S.W. Elev. 4948.91

-0.207%

+0.546%

+0.615%

-0.509%

-0.5@18%

+0.609%

-0.909%

-0.995%

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

P.D. 97 SHEET 10 OF 19

RAYNOLDS ADDITION

ATLANTIC & PACIFIC ADDITION

Begin Construction Sta. 0+00

End Pvt. 11+84

Beg. Pvt. 21+32.8 24" twin C.W. Trees

13 T.H ST. S.W.

End Pvt. 5+86

Beg. Pvt. 5+82

End Pvt. 7+45.8

Beg. Pvt. 9+92.9

12TH ST. 12 S.W.

End Pvt. 12+56.8

Beg. Pvt. 13+02

B.M. Top Iron Pipe, S.W. Cor. Lot 12 Block 62 Raynolds Add 4944.67

57131

Existing Ground Line

WEST CURB

EAST CURB

+0.44.5 %

10.289%

-0.611%

+0.379%

-0.206%

+0.339%

10.361%

+0.322%

10.365%

-0.423%

50' V.C. M.O.= -0.056

50' V.C. M.O.= -0.041

50' V.C. M.O.= -0.051

Note: cost for removal of trees, fences, walls and other obstructions within construction limits to be included in unit bid per square yard for grading.

Begin Construction Sta. 0+00

End Construction Sta. 19+58.6

End Construction Sta. 2+92

6TH ST. S.W.

Post Fence

B.M. North Lug Sanitary M.H. & Cold 4 13 U. St. S.W. Elev. 4946.91

B.M. W. Lug M.H. Bareles & Iron 4947.37

57142

50' V.C. M.O.= -0.074

50' V.C. M.O.= -0.075

50' V.C. M.O.= -0.16

50' V.C. M.O.= -0.057

50' V.C. M.O.= -0.051

Existing Ground Line

+0.564%

-0.620%

+0.604%

-0.561%

2.0%

+0.609%

-0.509%

6.0%

+0.609%

-0.509%

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

P.D. 97 SHEET 10 OF 19

57131
57142

SANTA FE ADDITION

JOHN A. LEE ADDITION

Begin Construction Sta. 0+00

2ND PACIFIC

3RD ST

10TH ST

8TH ST

End Pvt. 7+18.7

Begin Pvt. 8+44

ALLEY

BARELAS

B.M. South B.B. F.H. 9th St. S.W. of Pacific

57132

M.R.G.C.D. MAP 40

JOHN A. LEE ADDITION

BACA ADDITION

Remove 50' of existing C & G

PACIFIC AVE.

End Construction Sta. 19+45.0

4TH ST

57142

M.R.G.C.D. MAP 40

Note:
Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in Unit bid per square yard for grading.

57132
57142

PLATE 2-PLAN-PROFILE C. P. R. & M. E.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY, INC.

PD 97 SHEET 11 OF 19

RAYNOLDS ADDITION

Begin Construction Sta. 0100

13 T.H. ST. S.W. — 12 T.H. ST. S.W.

End Pvt. 1164 — Beg. Pvt. 21228 24" Twin C.W.T. pipe — End Pvt. 5182 — Beg. Pvt. 5182 — End Pvt. 7+45.0 — Beg. Pvt. 9+92.9 — End Pvt. 12+56.8 — Beg. Pvt. 13+02

ALLEY — AVE. S.W. — STOVER — IRON — COAL — LEAD

B.M. Top Iron Pipe, S.W. Cor. Lot 18 Block 62 Raynolds Add 4944.67

57131

Existing Ground Line — WEST CURB — EAST CURB

+0.489% −0.011% +0.379% −0.206% +0.329% −0.361% −0.302% +0.365% −0.433%

50' V.C. M.O. = 0.056 — 50' V.C. M.O. = 0.041 — 50' V.C. M.O. = 0.051

0 1 +64 2 +24 3 +15 4 5 +24 +22 6 7 1 8 +88 9 +12 10 +43 11 +06 12 +42 13+02 14

RAYNOLDS ADDITION — ATLANTIC & PACIFIC ADDITION

Note: Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in unit bid per square yard for grading.

Begin Construction Sta. 0+00 — End Construction Sta. 19+58.6 — End Construction Sta. 21+92

6TH ST. S.W. — 13TH ST. S.W.

End Pvt. 16+03 — Beg. Pvt. 16+63

Post Fence

B.M. North Lug Sanitary M.H. @ Cold'd 13th St. S.W. Elev. 4946.91

B.M. W. Lug M.H. Bareles & Iron 4941.37

57142

Existing Ground Line — WEST CURB — EAST CURB

+0.606% −0.620% +0.609% −0.309% +0.609% −0.309%

50' V.C. M.O. = 0.074 — 50' V.C. M.O. = 0.075 — 50' V.C. M.O. = 0.16 — 50' V.C. M.O. = 0.057 — 50' V.C. M.O. = 0.16 — 50' V.C. M.O. = 0.057

13+02 14 +45.6 +88 15 16+03 +63 17 +25 18 +28 19 +58.6 0 1 2 150 +28.3

PLATE 2—PLAN-PROFILE O. P. R. & R. E.
1965 RAG PAPER—MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY, INC

P.D. 97 SHEET 10 OF 19

SANTA FE ADDITION

SANTA FE AVE S.W.

Remove 75.3' Ex. Curb

Remove 43.4' of Curb

Remove 75.3' Ex. Curb

Remove 98' Ex. Curb

Note: Remove existing trees within 3½' back of curb. The cost of removing trees shall be included in the unit price bid for grading.

Begin Construction Sta. 20+00

B.M.'S B.B.F.H. 12th ST. S.W. & Santa Fe AVE. S.W. Elevation 4946.75

Weld Down Curb

57132

JOHN A LEE ADDITION

BACA ADDITION

Bench Mark: ℄ Nail & Shiner Station 28+09.4 Elevation 4946.91

57142

Note: Cost for removal of trees, bushes, walls and other obstructions within construction limits, to be included in unit bid pr. square yard for grading.

PLAN
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO.
DATE
BY

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
ALIGNMENT CHECKED
STRUCTURE ROUTING CHK'D
NOTE BOOK
NO.
DATE
BY

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

SANTA FE ADDITION

JOHN A LEE ADDITION

BACA ADDITION

57132

57142

Existing Ground

NORTH CURB

SOUTH CURB

Remove 75.3' EX. Curb

Remove 98' EX. Curb

Laid Down Curb

Note: Remove existing trees within 3½' back of curb. The cost of removing trees shall be included in the unit price bid for grading.

Bench Mark:
P Nail & Shiner
Station 28+09.4
Elevation 4946.91

Note:
Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in Unit bid per square yard for grading.

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

P.D. 9.7 SHEET 12 OF 19

MONTEREY HILLS (18) ADD. NO. 1

MONTEREY HILLS (18) ADDITION NO. 1 (19)

MONTEREY HILLS (25) ADDITION NO. 2

ZUNI ADDITION

ZUNI ADDITION

HYDER DRIVE

10 DRIVE

PROSPECT DRIVE N.E.

RICHMOND ST.

HOLLISTER ST.

PENNSYLVANIA ST. NE

MENAUL BLVD. NE

56161

59192

B.M. Top Stem F.H. NE Cor. Hyder & Richmond. EL. 5273.83

B.M. NW BB F.H. NW Cor. Pennsylvania & Prospect EL. 5340.52

Note: Cost of removal of trees, fences, walls and other obstructions within construction limits, to be included in Unit bid per square yard for grading.

10 97 1358 02 56161 59192

PLAN: SURVEYED, PLOTTED, CHECKED, NOTE BOOK, NO.; ALIGNMENT CHECKED, EST. OF WAT. CHECKED, BY, DATE

PROFILE: SURVEYED, PLOTTED, CHECKED, NOTE BOOK, NO.; B. M. + NOTES, STRUCTURE, JOSEPH OFFICE, BY, DATE

PLATE 6-PLAN-PROFILE SHEET

PD 97 SHEET 13 OF 15

MONTEREY HILLS (19) ADD. NO. 1

MONTEREY HILLS (19) ADDITION NO. 1 (17)

ADDITION NO. 2

B.M. Top Stem F.H. N.E. Cor. Hyder & Richmond. El. 5273.83

56161

MONTEREY HILLS (25) ADDITION NO. 2 (18)

ZUNI ADDITION (17)

59192

B.M. N.W. S.B.E.H. N.W. Cor. Pennsylvania & Prospect El. 5340.62

ZUNI ADDITION (16)

Note: Cost of removal of trees, fences, walls and other obstructions, within construction limits, to be included in Unit bid per square yard for "grading".

10 | 97 | 1358 | 02 | 56161 | 59192

PLAN — SURVEYED, PLOTTED, DRAWN, CHECKED, QUANTITIES, R/W, STRUCTURE NO'S, DATE, BY

PROFILE — SURVEYED, PLOTTED, DRAWN, CHECKED, QUANTITIES, R/W, STRUCTURE NO'S, DATE, BY

NOTE BOOK

NO.

PLATE 2-PLAN-PROFILE & DETAILS

P.D. 97 - SHEET 13 OF 19

MONTEREY HILLS ADDITION NO 2

BURTON PARK

Bench Mark N.B.B. F.H. N.W. COR. Wellesley & San Rafael Elevation 3302.42

Begin Const Sta 0+16

End Const Sta 4+28.4

Begin Const Sta 0+00

End Const Sta 10+16.16

Begin Const Sta 14+90.88

End Const Sta 19+29.56

Begin Const Sta 14+90.88

End Const Sta 19+55.76

Note: Cost for removal of trees, fences, walls and other obstructions within construction limits to be included in unit bid per square yard for grading.

MONTEREY HILLS ADDITION NO 1

MONTEREY HILLS ADDITION NO 2

MONTEREY HILLS ADDITION NO 1

MONTEREY HILLS ADDITION NO 1

MONTEREY HILLS ADDITION NO 2

PLATE 2-PLAN-PROFILE O. P. R. 8 R. E.
PRS. 1&2 PAPER-MADE AND PRINTED IN U.S.A.
CHARLES BRUNING COMPANY, INC.

P.D. 97 SHEET 14 OF 18

NEW YEAR ADDITION

PUEBLO ALTO ADDITION

Begin of Construction Sta. 0+00

Tomas Ave.

Marble Ave. N.E.

Monroe St.

Begin of Pavement Sta. 0+65

End of Pavement Sta. 4+65

End of Construction Sta. 5+25

R/W

R=5'

R=25'

B.M. E.B.B.F.I. N.W. Corner Marble & Monroe Elev. 5238.78

58172

PROFILE

SURVEYED ____ BY ____
PLOTTED ____ BY ____
GRADES CHECKED ____ BY ____
B.M. & FINISH NOTATIONS CHECK. ____ BY ____
NOTE BOOK ____ NO. ____

5235 5225 5235 5225

M.O. = ± 78.12 100' V.C.

+0.4533%

West Curb

Existing Ground

M.O. = ± 2.83 100' V.C.

+0.1167%

East Curb

+0.300%

-0.2333%

-0.1778%

MONTEREY HILLS ADDITION NO. 2

Begin of Construction Sta. 0+00

Amherst Ave. S.E.

San Rafael Ave. S.E.

Carlisle Blvd. S.E.

R=25'

B.M. W.B.B.F.I. N.W. Corner Amherst & San Rafael Elev. 5218.99

BURTON PARK

56161

Remove 60.0' C. & G. and D.P.

End of Construction Sta. 3+27.4

Note:
Cost for removal of trees, fences, walls and other obstructions within construction limits to be included in unit bid per square yard for grading.

5320 5315 5320 5315

M.O. = 0.50 100' V.C.

+0.200%

North Curb

-0.500%

M.O. = 0.11 100' V.C.

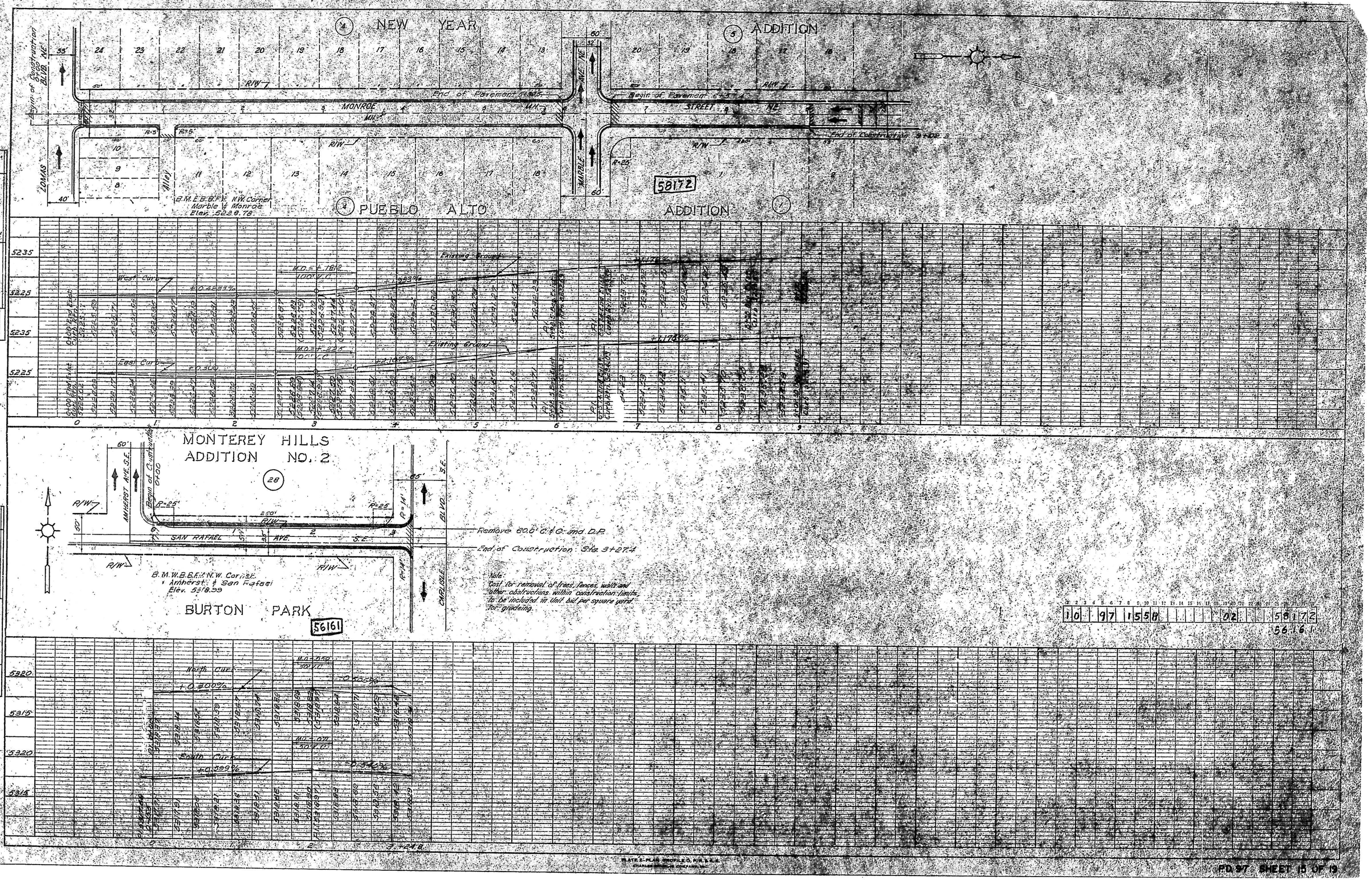
-0.944%

South Curb

+0.389%

10 97 1558 02 58172 56161

FD 97 SHEET 15 OF 19


NEW YEAR ADDITION
PUEBLO ALTO ADDITION
Begin of Construction
BLVD. NE
MONROE
STREET
NE
ZOMAS
ALLEY
MARBLE
End of Pavement
End of Construction
R/W
B.M.E.B.B.F.N.W. Corner
Marble & Monroe
Elev. 5239.78'
58172
MONTEREY HILLS
ADDITION NO. 2
AMHERST AVE. S.E.
SAN RAFAEL AVE S.E.
CARLISLE BLVD.
Remove 800' C & G and D.P.
End of Construction Sta. 3+27.4
B.M.W.B.B.F.N.W. Corner
Amherst & San Rafael
Elev. 5318.99
BURTON PARK
56161
Existing Ground
West Curb
East Curb
North Curb
South Curb
Note:
Cost for removal of trees, fences, walls and other obstructions within construction limits, to be included in Unit bid per square yard for grading.
10 97 1558 02 58172
56161
STATE-PLAN PROFILE C.O. H.W.&S.B.
CHARLES R. PERKINS, INC.
FD 97 SHEET 15 OF 19

PLAN
PROFILE
DRAWN
PLOTTED
GRADES CHECKED
QUANTITIES CHECKED
STRUCTURE NOTATIONS CHK'D.
NOTE SCOPE
NO.
DATE
BY

S. CROMWELL CAVE
Build Single C. Inlet
Build Single C. Inlet
Sta. 6160
4' dia. S.W.
SANTA FE
AVE
Build Single C. Inlet
Build Single C. Inlet
Build Single C. Inlet

PLAN — SURVEYED / DRAWN / CHECKED / NOTE BOOK / NO. — DATE / BY / CHECKED / APPROVED

PROFILE — SURVEYED / DRAWN / CHECKED / NOTE BOOK / NO. — DATE / BY / CHECKED / APPROVED

S. CROMWELL AVE.

Build Single C. Inlet

Build new 4' dia Manhole

Sta. 8+60

4th St. SW.

SANTA FE AVE. SW.

15" RCP

Build 2 New Single C. Inlets Sta. 5+10

Existing Manhole

8th ST.

AVE. SW.

Existing 15" RCP

3+0.0030 Existing 15" RCP

Existing 12" RCP S=0.0030

Existing 12" RCP

Existing 15" RCP

Existing 18" RCP

Existing 24" RCP

Existing 30" RCP

Existing 36" RCP

Existing 42" RCP

Existing 48" RCP

Existing 54" RCP

Existing 60" RCP

Existing 66" RCP

Existing 72" RCP

Existing 78" RCP

Existing 84" RCP

Existing 90" RCP

Existing

PLAN — SURVEYED / PLOTTED / QUANTITIES CHECKED / R. M. + NOTES / STRUCTURES NOTATING CHK'D — DATE / BY

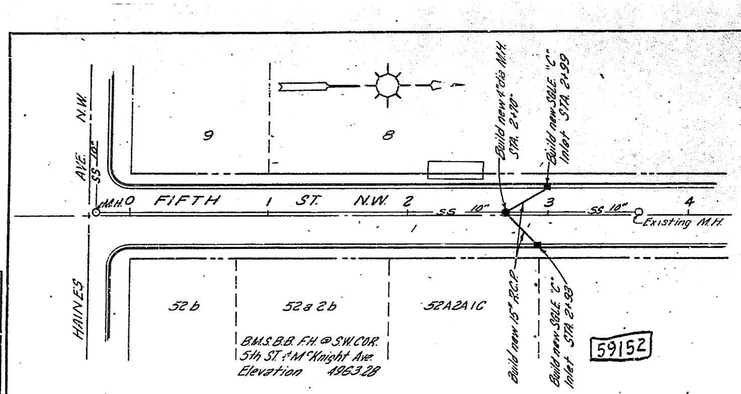
PROFILE — SURVEYED / PLOTTED / QUANTITIES CHECKED / R. M. + NOTES / STRUCTURES NOTATING CHK'D — DATE / BY

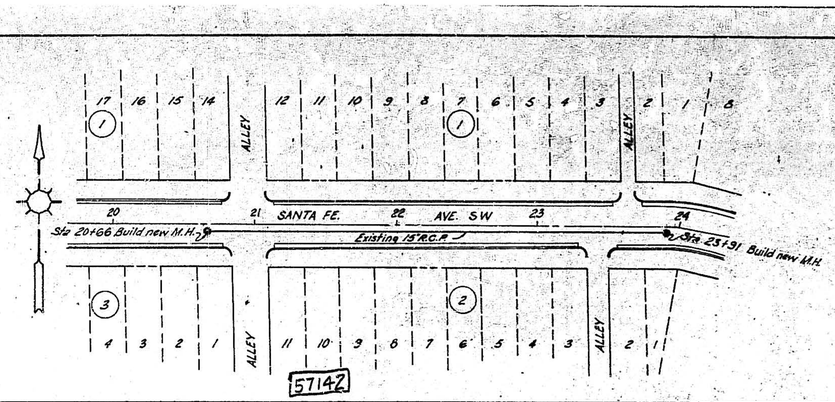
NOTE BOOK NO. ____

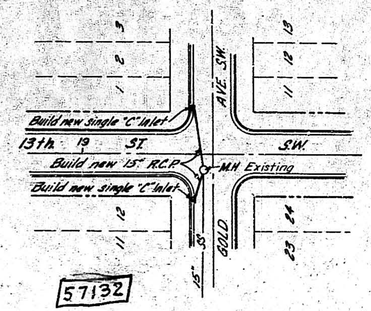
Build Single C. Inlet
CROMWELL AVE.
Sta. 6160
Build new 4'-0"ø Manhole
15" R.C.P.
60' St. S.W.
SANTA FE AVE. S.W.
8th ST.
Build 2 New Single C. Inlets Sta. 5+10
Existing Manhole
AVE. S.W.
BELL
LEWIS
MARQUEZ
PACIFIC AVE. S.W.
Existing M.H.
Build 4 Type C Inlets
Existing 15" R.C.P. S=0.0035
Existing 18" R.C.P. S=0.0030
Existing 24" R.C.P. S=0.0030
Existing 30" R.C.P. S=0.0030
Existing 36" R.C.P. S=0.0030
Existing 42" R.C.P. S=0.0030
Existing 48" R.C.P. S=0.0030
Existing 54" R.C.P. S=0.0030
Existing 60" R.C.P. S=0.0030
Existing 66" R.C.P. S=0.0030
Existing 72" R.C.P. S=0.0030
Existing 78" R.C.P. S=0.0030
Existing 84" R.C.P. S=0.0030
Existing 90" R.C.P. S=0.0030
Existing 96" R.C.P. S=0.0030
Existing 102" R.C.P. S=0.0030
Existing 108" R.C.P. S=0.0030
Existing 114" R.C.P. S=0.0030
Existing 120" R.C.P. S=0.0030

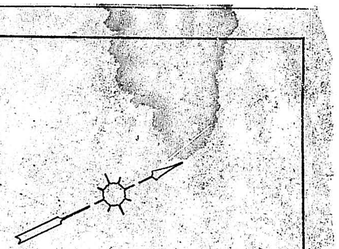
PLATE 2—PLAN—PROFILE O. P. K. & R. U.
CHARLES BRUNING COMPANY, INC.

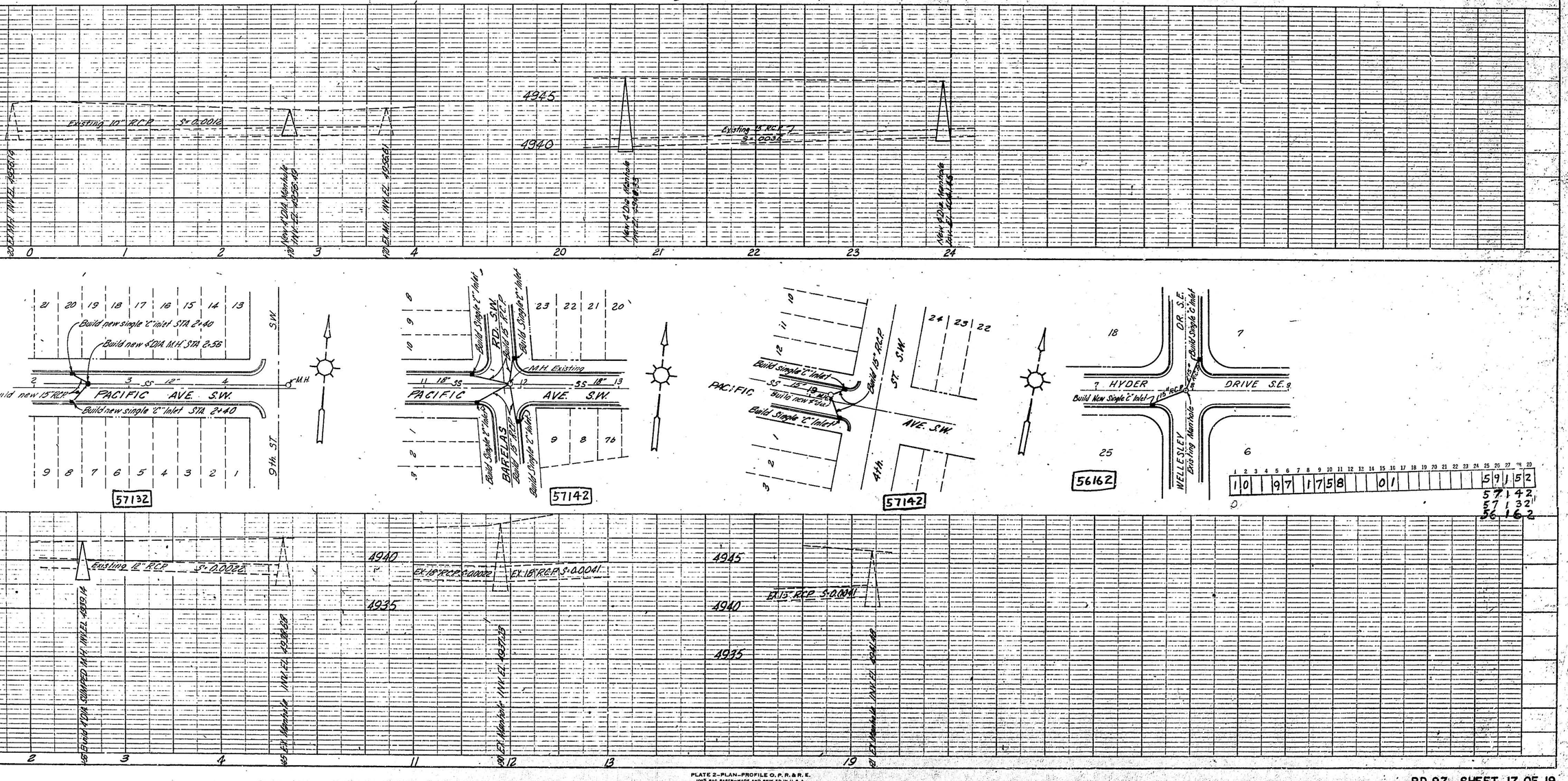
PLAN — SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B. M. + NOTED ___ STRUCTURE LOCATION CHECK ___ NOTE BOOK ___ NO. ___ — BY ___ DATE ___











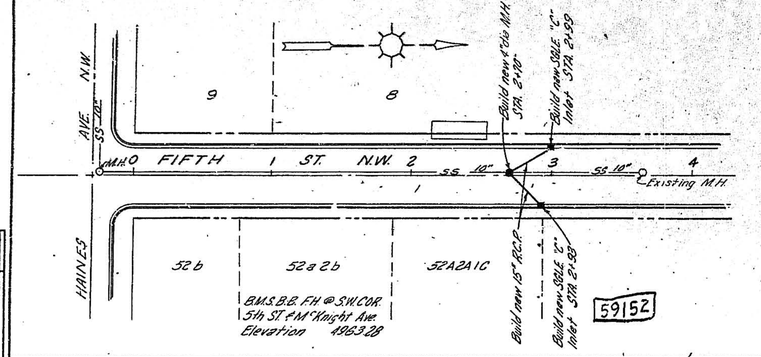
PROFILE — SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B. M. + NOTED ___ STRUCTURE LOCATION CHECK ___ NOTE BOOK ___ NO. ___ — BY ___ DATE ___

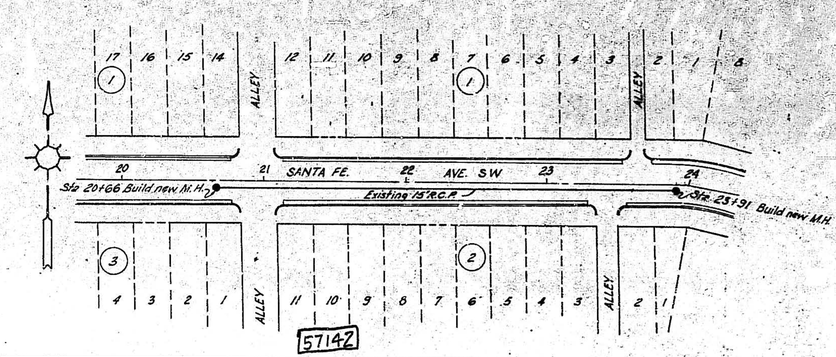
PLATE 2-PLAN-PROFILE O. P. R. & R. E.
100% RAG PAPER-MADE AND PRINTED IN U. S. A.
CHARLES BRUNING COMPANY, INC

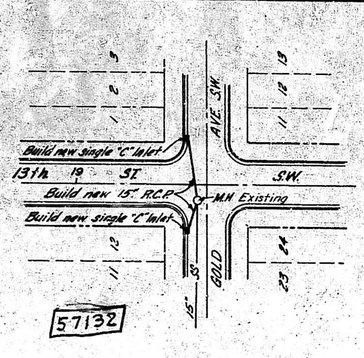
PLAN

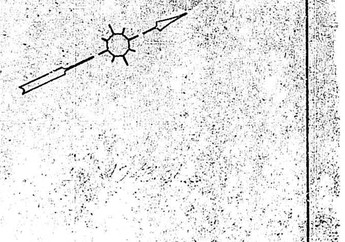
PROFILE

DATE | BY | SURVEYED | PLOTTED | GRADES CHECKED | E. M. 'S NOTED | STRUCTURE NOTES CHECKED | NOTE BOOK | NO. | M' | RT. OF WAY CH. CKED | ALIGNMENT CHECKED









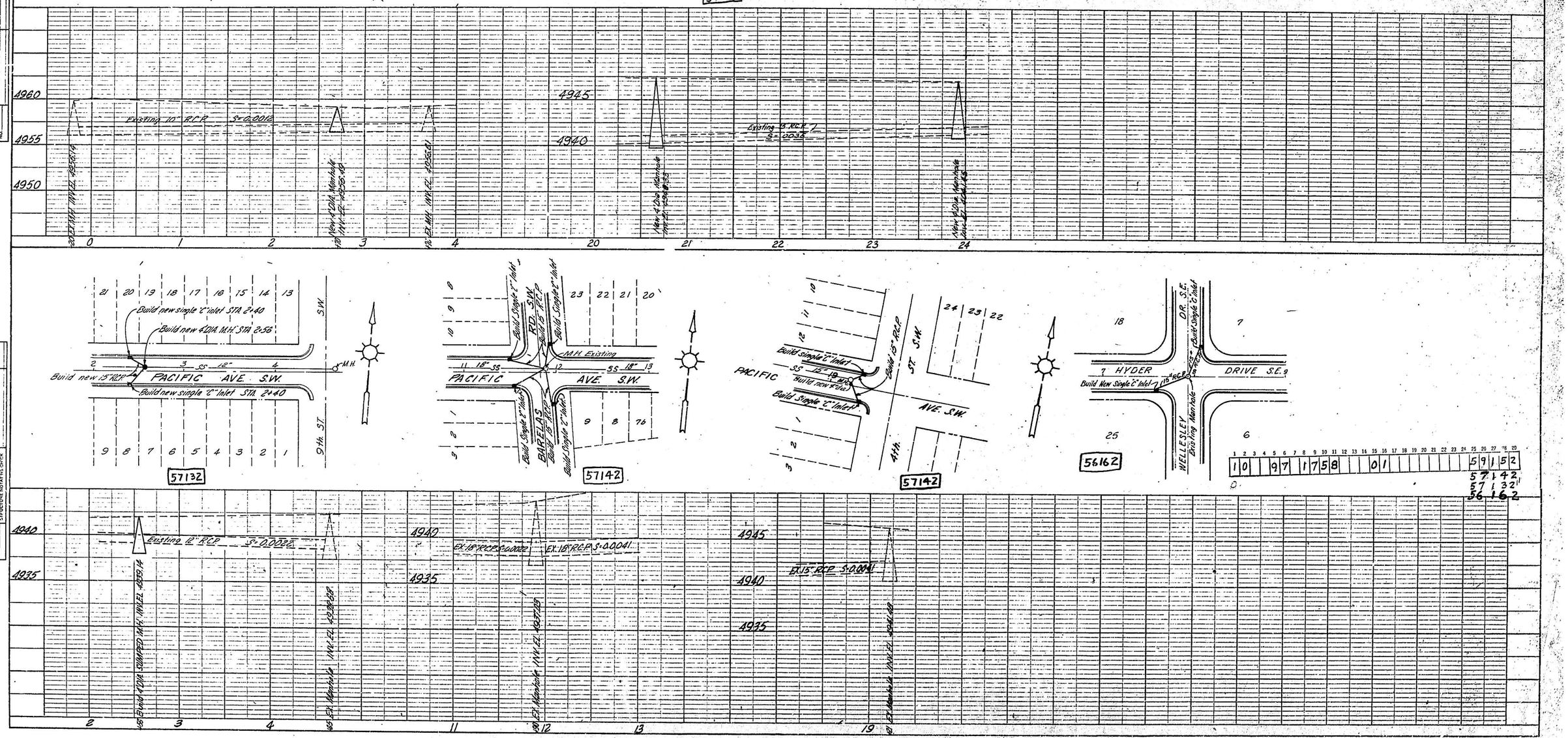
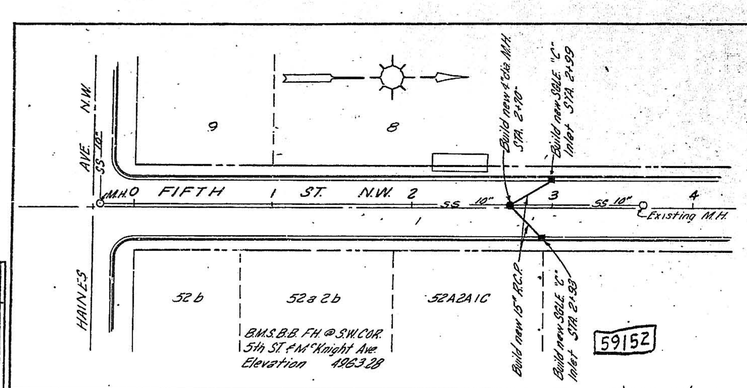
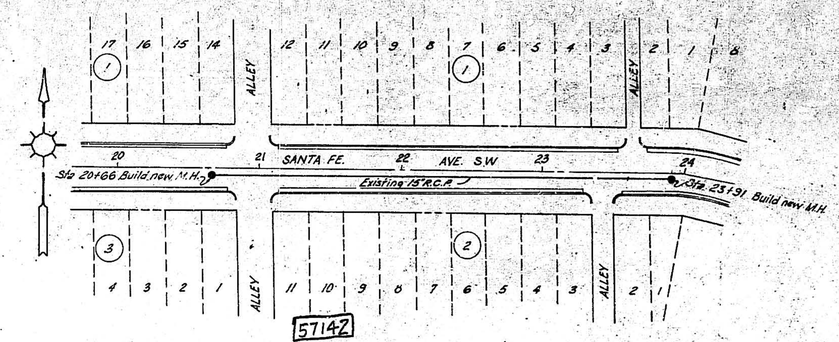
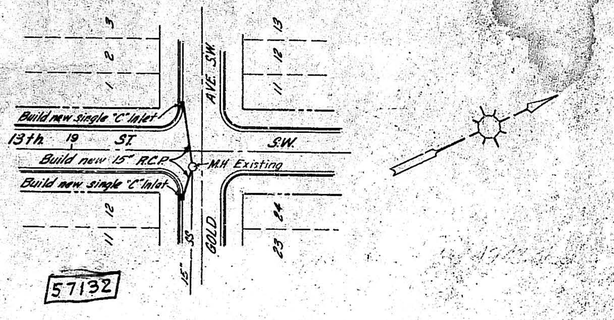


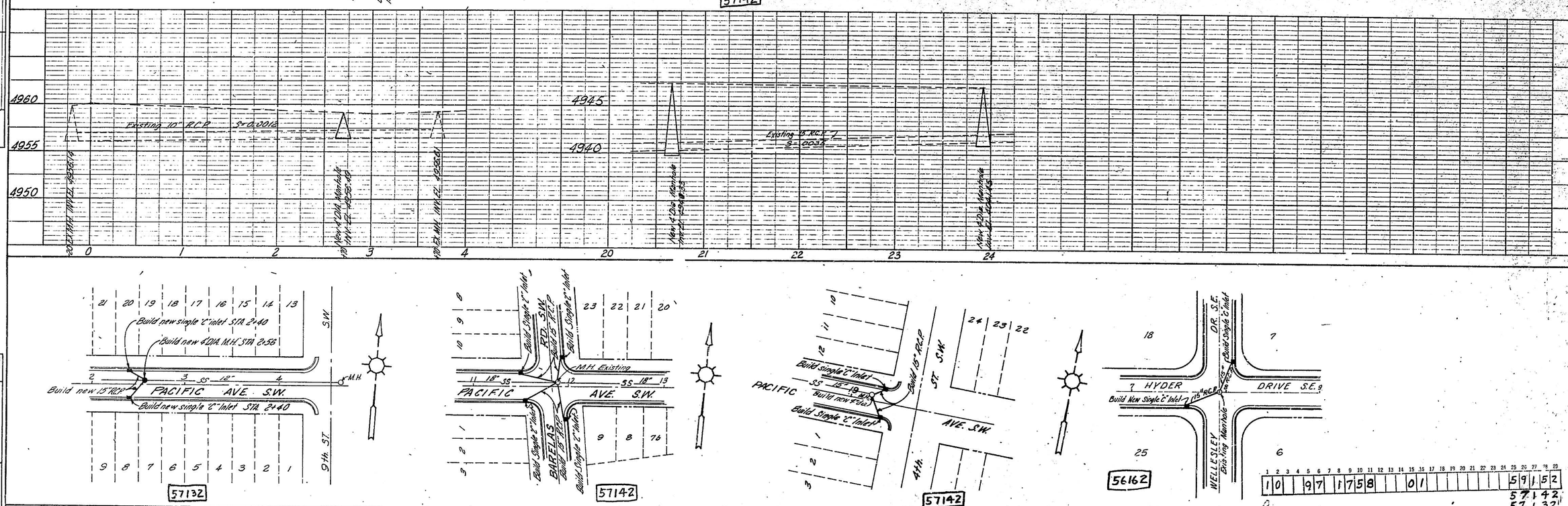
PLATE 2-PLAN-PROFILE O. F. R. & R. E.
100% RAG PAPER-MADE AND PROVED IN U. S. A.
CHARLES BRUNING COMPANY, INC.

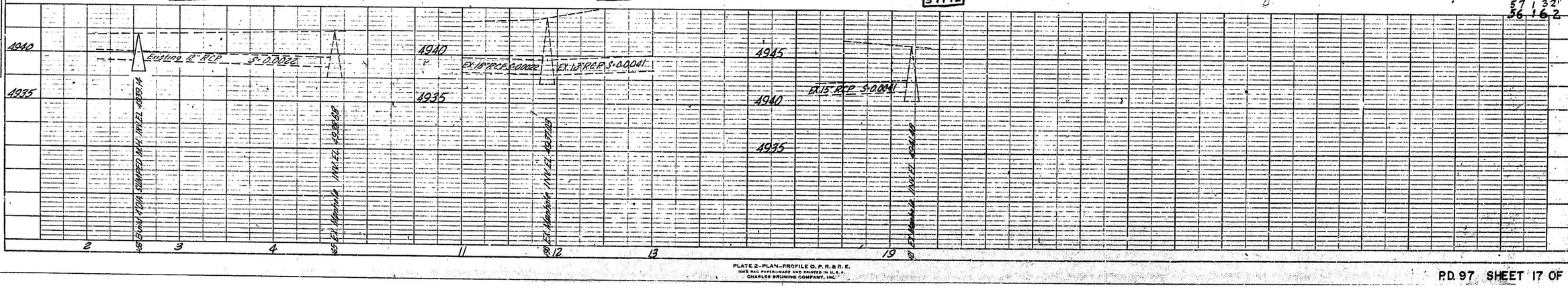
P.D. 97 SHEET 17 OF 19











PLAN — SURVEYED, PLOTTED, PASSED, ALIGNMENT CHECKED, ET. OF MAP CHECKED, NOTE BOOK, NO.

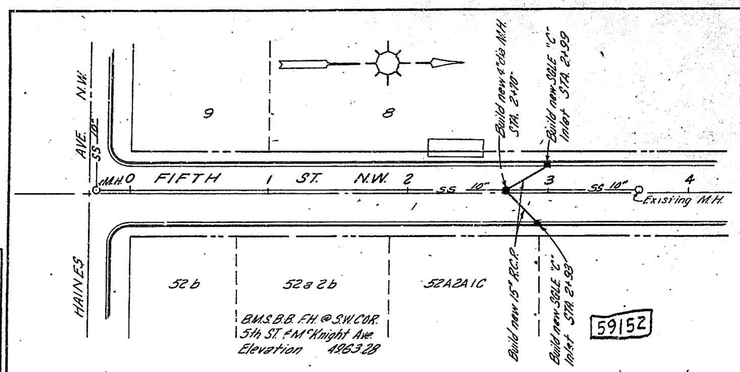
PROFILE — SURVEYED, PLOTTED, PASSED, ALIGNMENT CHECKED, EL. & "L" CITED, NO., STRUCTURE NOTATIONS CHECK

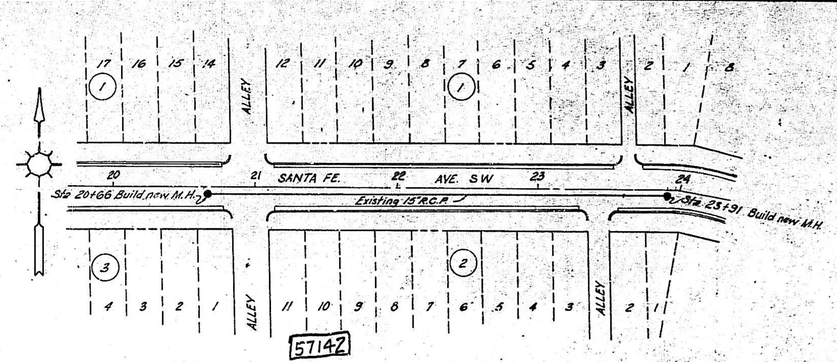
DATE, BY

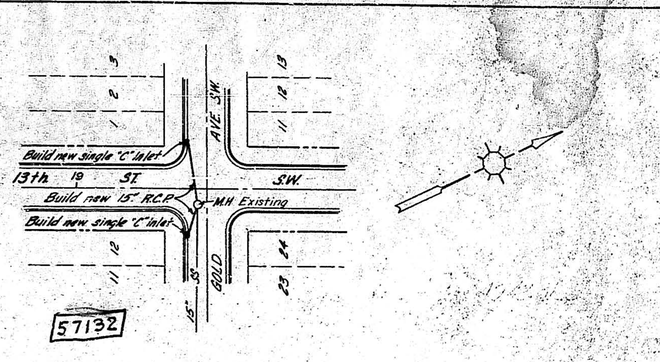
57142
57132
56162

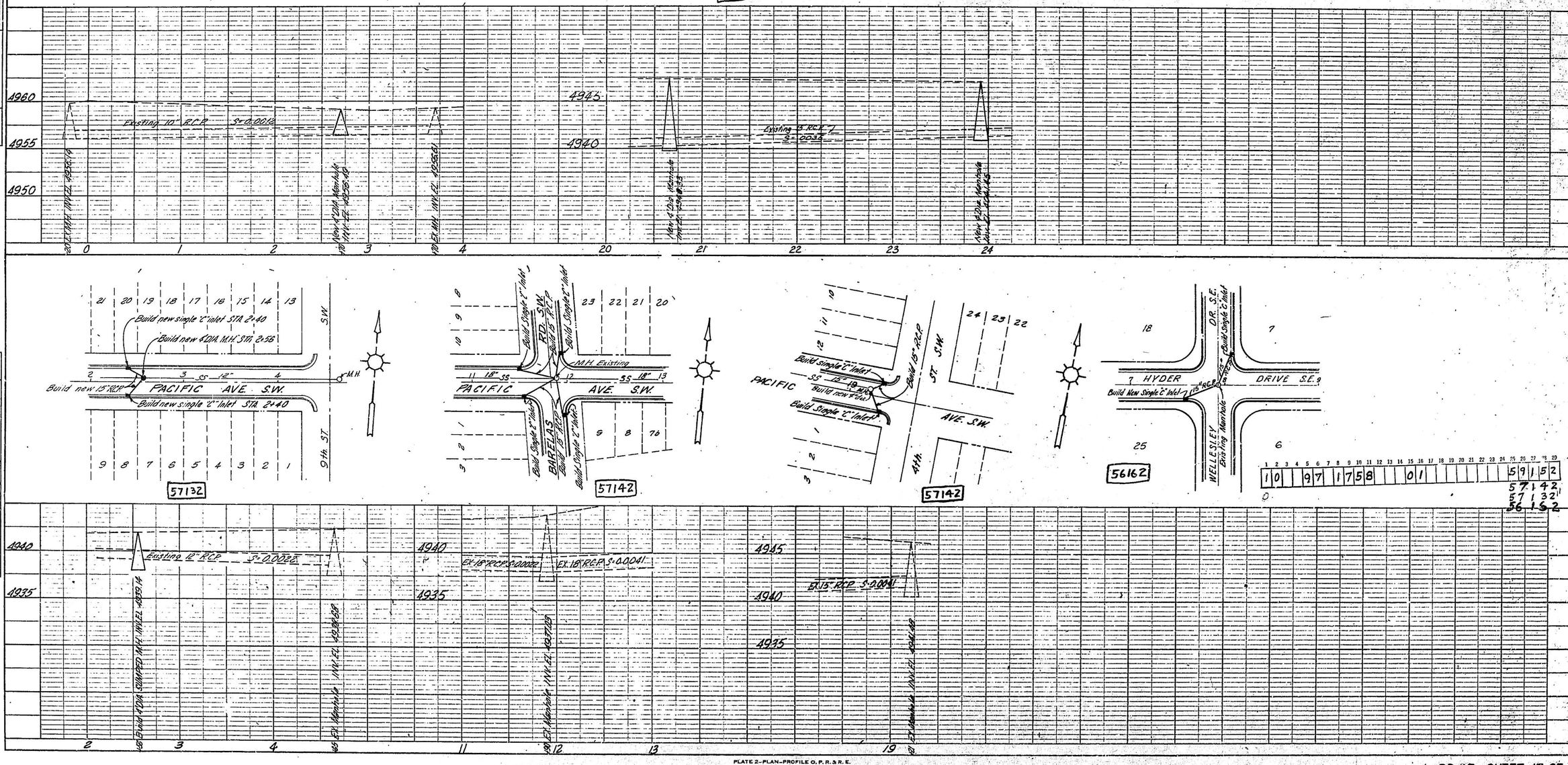
PLAN — SURVEYED ___ PLOTTED ___ CHECKED ___ ALIGNMENT PLOTTED ___ R. M.'s NOTED ___ STRUCTURE NOTATIONS CHECK ___ NOTE BOOK ___ NO. ___ DATE ___ BY ___

PROFILE — SURVEYED ___ PLOTTED ___ CHECKED ___ ALIGNMENT PLOTTED ___ R. M.'s NOTED ___ STRUCTURE NOTATIONS CHECK ___ NOTE BOOK ___ NO. ___ DATE ___ BY ___









PLAN — SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., DATE, BY, STRUCTURE NOTATIONS CHECKED, ALIGNMENT CHECKED, RT. OF WAY CHECKED

N.J. SANCHEZ ADD. SIMPIER NO. 2 M.R.G.C.D. MAP 41

GUTIERREZ ADD. M.R.G.C.D. MAP 41

BRIDGE BLVD. S.W. — Existing M.H. — Build Single "C" Inlets — BARELAS ROAD — R/W — 4th STREET S.W. — BELL AVE. S.W. — LEWIS AVE. S.W. — Existing M.H. — Build Single "C" Inlets R/W — Build Single "C" Inlet Sta. 8/05 — Build Single "C" Inlets

Curve Data
Δ = 16°10'Lt.
D = 4° 00'
T = 196.10'
L = 388.56'
P.I. = 2+61.24

PROPERTY OF N.J. SANCHEZ

B.M. W. Lug M.H. South Lane Bridge & Barelas EL. 4944.05

BARELAS ROAD — R/W — Existing Manhole — S.W. — CROMWELL AVE. S.W. — Build Single "C" Inlets

Curve Data
Δ = 24°22' Rt.
D = 20°
T = 61.88'
L = 121.83'
P.I. = 14+99.06

15" R.C.P. S=0.00=9 — 15" R.C.P. S=0.0035 — 18" R.C.P. S=0.0035 — 18" R.C.P. S=0.0028 — 18" R.C.P. S=0.002R — 27" R.C.P. S=.031l

4945 / 4940 / 4935

0+14 — 1 — 2 +41 — 3 — 4 +29 — 5 +898 +45 — 7 +69 — 14 — +97.15 — 16 +58

PROFILE — SURVEYED, PLOTTED, GRADES CHECKED, NOTE BOOK, NO., BY, DATE, STRUCTURE NOTATIONS CHECKED

7th ST. S.W. — BARELAS ROAD — Existing Manhole — 15" R.C.P. — R/W — SANTA FE AVE.

Curve Data
Δ = 33°54' Rt.
D = 10°00'
T = 174.64'
L = 339.00'
P.I. = 23+29.88

105A / 105B / 105C / 105D / 104B / 104A

Curve Data
Δ = 5°29'Lt.
D = 5°00'
T = 59.88'
L = 119.67' P.I. 25+82.98

57142

Y — Alley — 6TH ST. S.W. — Build Manhole 4' Dia. Sta 21+86 — Build Type "F" Inlet Sta. 3/02 — New 12" R.C.P. — Existing Manhole — IRON AVE. S.W. — T

10 | 9 | 7 | 1 | 8 | 5 | 8 | 0 | 1 | 5 | 6 | 1 | 4 | 1

57142

4945 / 4940 / 4935

15" R.C.P. S=0.0080 — 15" R.C.P. S=.0060 — New 12" R.C.P. S=0.0025

21 — 1+95.22 — 23 — +50 — 24 — 25 — 26+10 — 27 — 1 — 3 — 2 — 1 — 0

PLAN — SURVEYED — PLOTTED — GRADES CHECKED — ALIGNMENT CHECKED — R/W OF WAY CHECKED — NOTE BOOK — NO. — BY — DATE

N.J. SANCHEZ ADD. SIMPIER NO. 2 M.R.G.C.D. ADD. MAP 41 — GUTIERREZ ADD. M.R.G.C.D. MAP 41

BRIDGE BLVD. S.W. — Existing M.H. — Build Single "C" Inlets — BARELAS ROAD — R/W — 4th STREET S.W. — BELL AVE. S.W. — LEWIS AVE. S.W. — Existing M.H. — Build Single "C" Inlets — Build Single "C" Inlet Sta. 8+05 — Build Single "C" Inlets R/W

Curve Data
Δ = 16°10'Lt.
D = 4° 09'
T = 196.10'
L = 386.56'
P.I. = 2+61.24

PROPERTY OF N.J. SANCHEZ

B.M. W. Lug M.H. South Lane Bridge & Barelas El. 4944.05

CROMWELL AVE. S.W. — BARELAS ROAD — R/W — Existing Manhole — Build Single "C" Inlets

Curve Data
Δ = 24°22' Rt.
D = 20°
T = 61.86'
L = 121.83'
P.I. = 14+99.08

15"R.C.P. S=0.0035 — 15"R.C.P. S=0.0135 — 18"R.C.P. S=0.0025 — 18"R.C.P. S=0.0028 — 18"R.C.P. S=0.0028 — 27"R.C.P. S=0.011

4944.25 M.H. — 4944.25 M.H. — 4944.25 M.H. —

NEW SGLE "E" INLET
Existing M.H.
C.B.
NEW 15" R.C.P.
NEW SGLE "C" INLET
BUILD NEW M.H. STA. 1+20
ATLANTIC AVE. S.W.
BARELAS ROAD S.W.
Land of Barelas Community Center
BUILD NEW MANHOLE STA. 4+72
NEW 15" R.C.P.
NEW SGLE "D" INLET STA. 6+69
ALLEY
BUILD NEW M.H. STA. 6+38
HAZELDINE AVE. S.W.
57142
BUILD NEW M.H. STA. 3+40
NEW 12" R.C.P.
EXISTING M.H.
10th. ST. S.W.
STORM SEWER EASEMENT
PACIFIC
57132

PLAN
SURVEYED
PLOTTED
NOTE BOOK
NO.
DRAWN - CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
STRUCTURE NOTATING CHECK
DATE
BY

4945
4940
4935
NEW 15" R.C.P. S=0.0030
NEW 15" R.C.P. S=0.0030
NEW 15" R.C.P. S=0.0030
EX. M.H. INV. EL. 4939.59
100 NEW S'DR. MH. INV. 4938.28
NEW LOW M.H. INV. 4930.32
NEW 12" R.C.P. S=0.0026
NEW 12" R.C.P. S=0.0050
EX. M.H. INV. EL. 4939.05
NEW M.H. INV. EL. 4939.00
NEW M.H. INV. EL. 4940.05
EX. M.H. INV. EL. 4940.00
NEW 12" R.C.P. S=0.0020
ALLEY
PACIFIC AVE. S.W.
EX. 15" R.C.P.
Build new M.H. STA. 15+14
Build new M.H. STA. 17+74
57142

PROFILE
SURVEYED
PLOTTED
NOTE BOOK
NO.
DRAWN - CHECKED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
STRUCTURE NOTATING CHECK
DATE
BY

4945
4940
4935
EX. 15" R.C.P. S=0.0040
NEW M.H. INV. 4936.08
ALLEY INV. 4936.08
ALLEY INV. 4936.08
57142

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 97 1958 01 57142
57132

PLATE 2-PLAN-PROFILE O. P. & R. E.
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CHARLES BRUNING COMPANY, INC.

P.D. 97 SHEET 19 OF 19