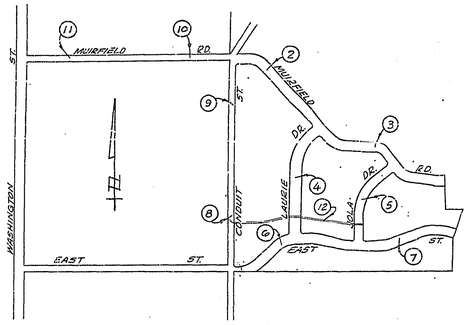
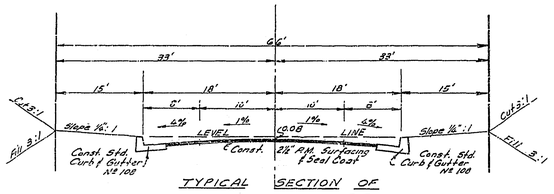
PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION

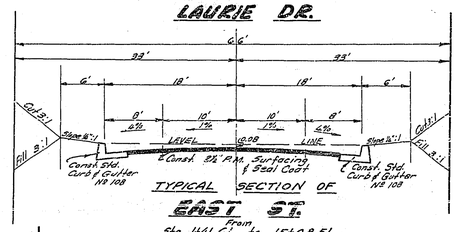


KEY MAP
NO SCALE

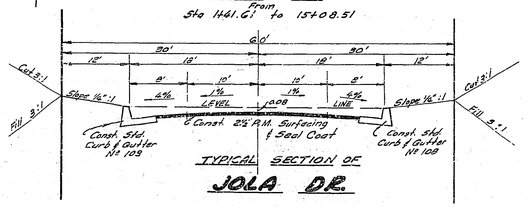
Note: TYPICAL SECTIONS SHOWN BELOW ARE FOR STREETS WITHIN THE SUBDIVISION



TYPICAL SECTION OF
MUIRFIELD RD
LAURIE DR.



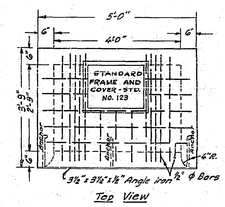
TYPICAL SECTION OF
EAST ST.
From
Sta 1461.61 to 1540.51

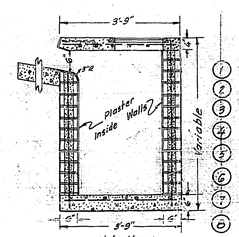


TYPICAL SECTION OF
JOLA DR.

ESTIMATE OF QUANTITIES	
Description	Quantities
ON-SITE	
Excavation	19,000 cu. yds.
Compacted Fill	8,000 cu. yds.
Curb & 24" Gutter	9,534.54 lin. ft.
2½" A.M. Paving	170,880.84 sq. ft.
Catch Basin Std. 140-D	10 (For Depth See Detail)
18" Corr. Metal Pipe #12	260.00 lin. ft.
18" Concrete Pipe	870.56 lin. ft.
Junction Chamber	2 (6' in Depth)
Remove Conc. Pipe	32 lin. ft.
OFF-SITE	
Muirfield Rd. (From Conduit to Washington)	
2½" A.M. Paving	39,140 sq. ft.
36" Corr. Metal Pipe	48' lin. ft.
Remove Conc Pipe & Box	27 lin. ft.
Excavation	110 cu. yds.
Compacted Fill	1,800 cu. yds.

PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION



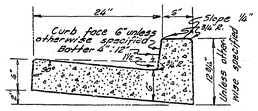


Note: Const a 5" rise on Bottom of C.B. opposite outlet

	APPROX. DEPTHS
1	2.5 ft.
2	4.0 ft.
3	7.0 ft.
4	6.0 ft.
5	8.0 ft.
6	7.0 ft.
7	7.0 ft.
8	6.0 ft.
9	5.0 ft.
10	5.0 ft.

DETAIL OF
STORM WATER CATCH
BASIN No. 140-D

JUNCTION CHAMBERS SHALL BE CITY OF RIVERSIDE STD. 140-E



DETAIL OF
CURB AND GUTTER
CONSTRUCTION
STANDARD No. 108

NOTE:
ALL WORK IS TO BE DONE ACCORDING TO CITY OF RIVERSIDE SPECIFICATIONS AND STANDARDS.

The contractor has the option of substituting 2000 D R.C. Pipe in place of 12 gage C.M. Pipe, as shown on the plans, for all street crossings.

PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION

PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION

A. W. FINLEY CO.
TEMPLE CITY, CALIF.
By [illegible] R.E. 3157 Date 11/22/57

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

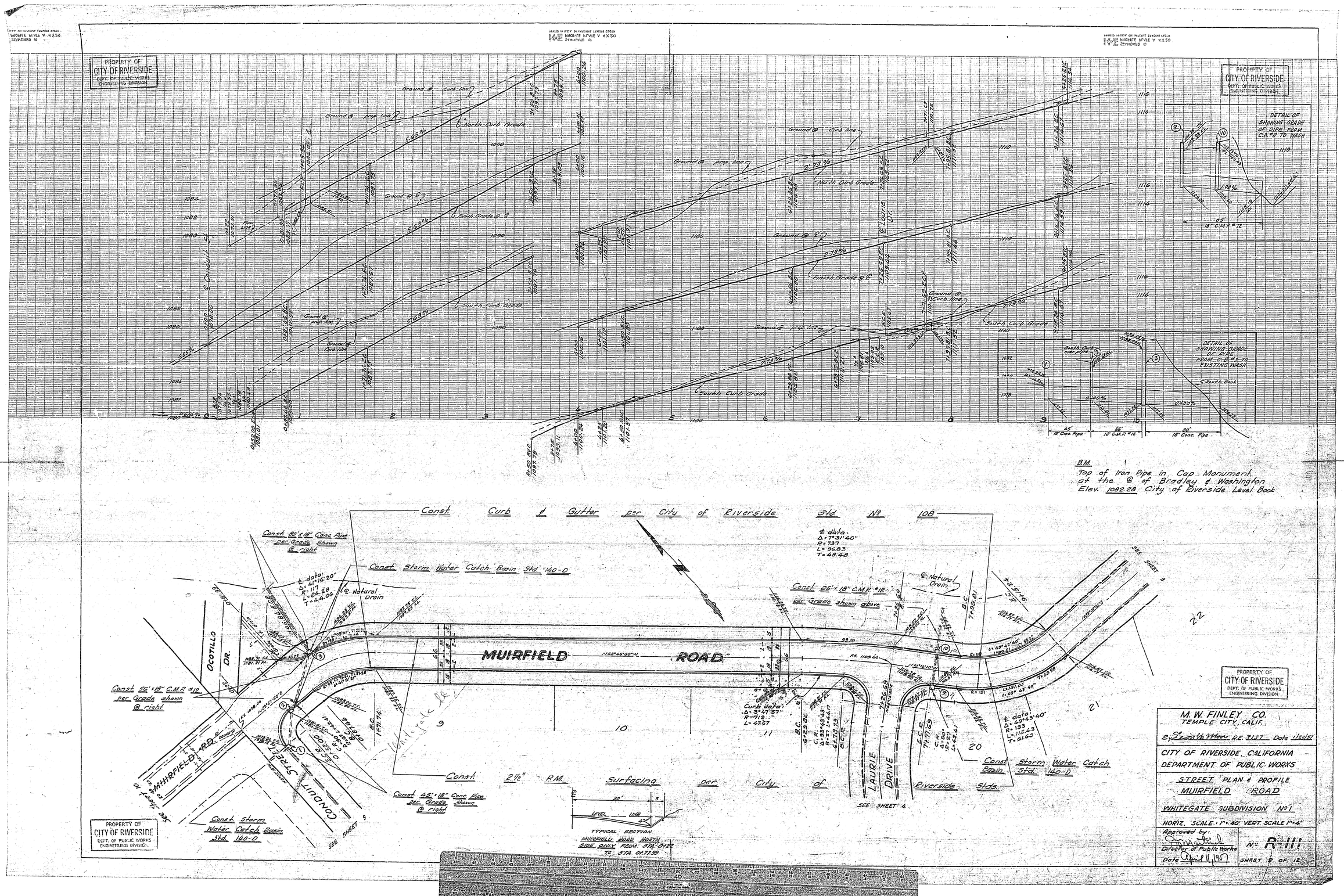
PLAN & PROFILE
OF STREETS
IN
WHITEGATE SUBDIVISION No. 21

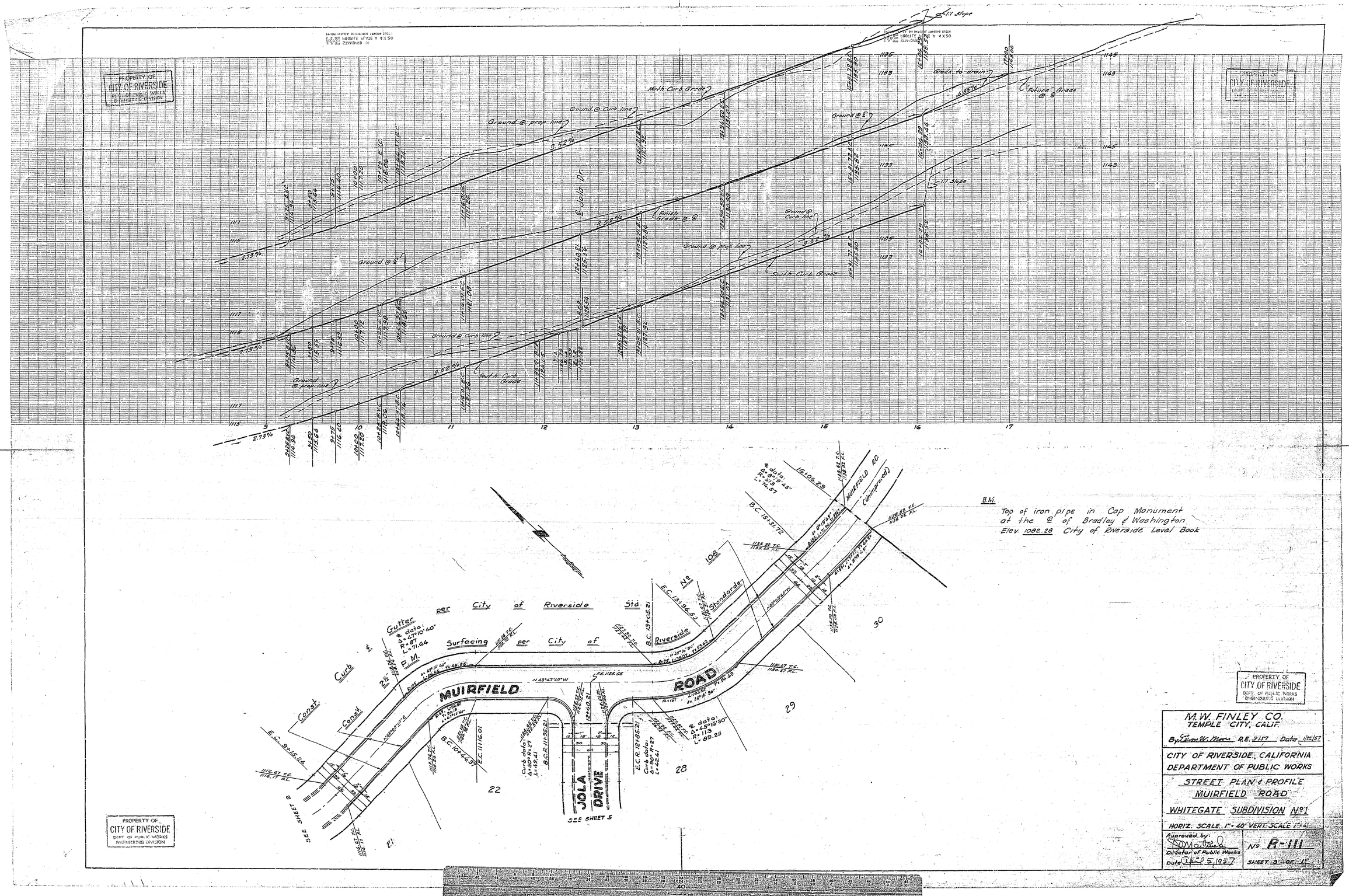
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 6'

Approved by:
[illegible]
Director of Public Works
Date April 11, 1960

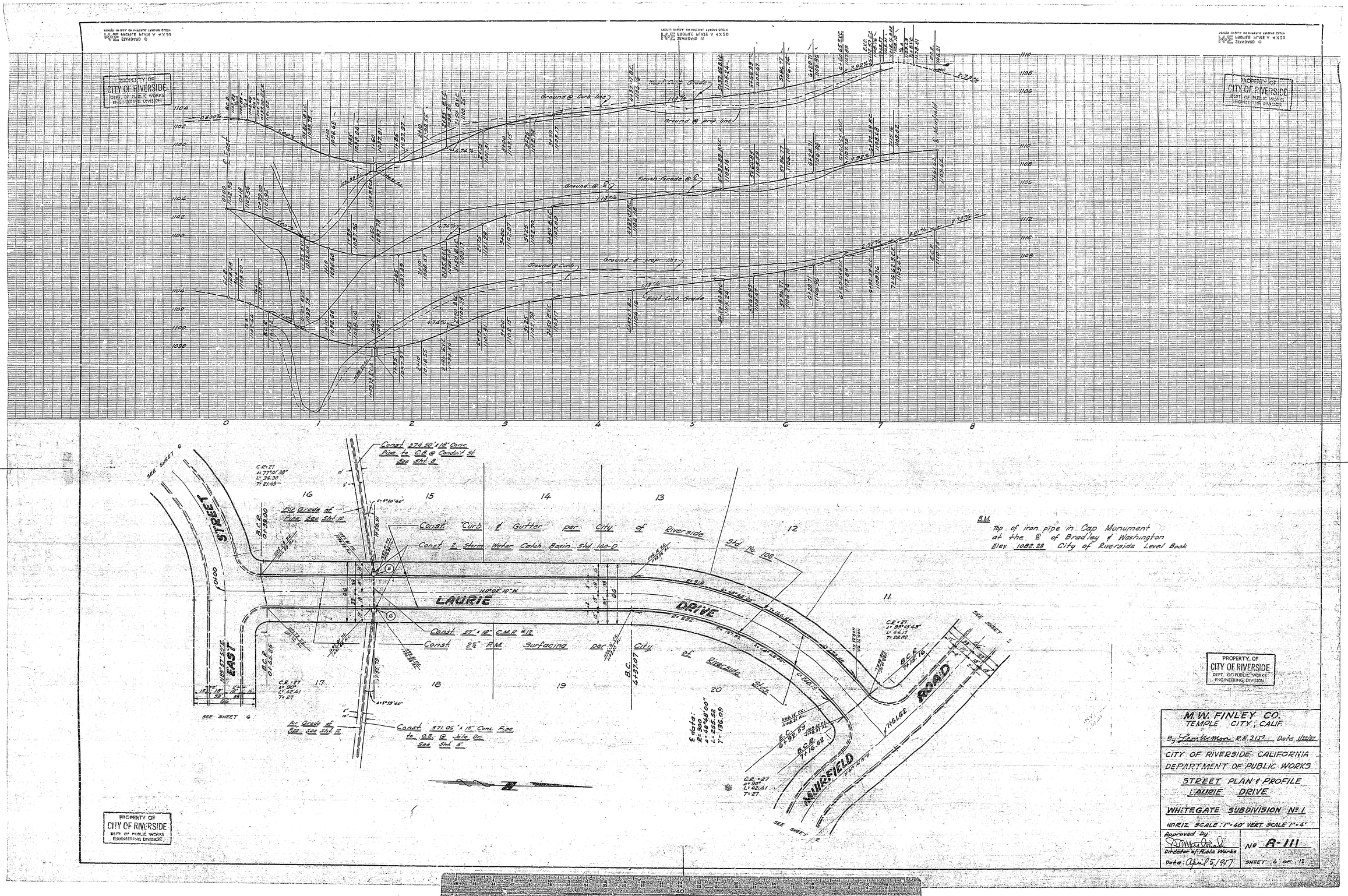
No. A-111

SHEET 1 OF 12

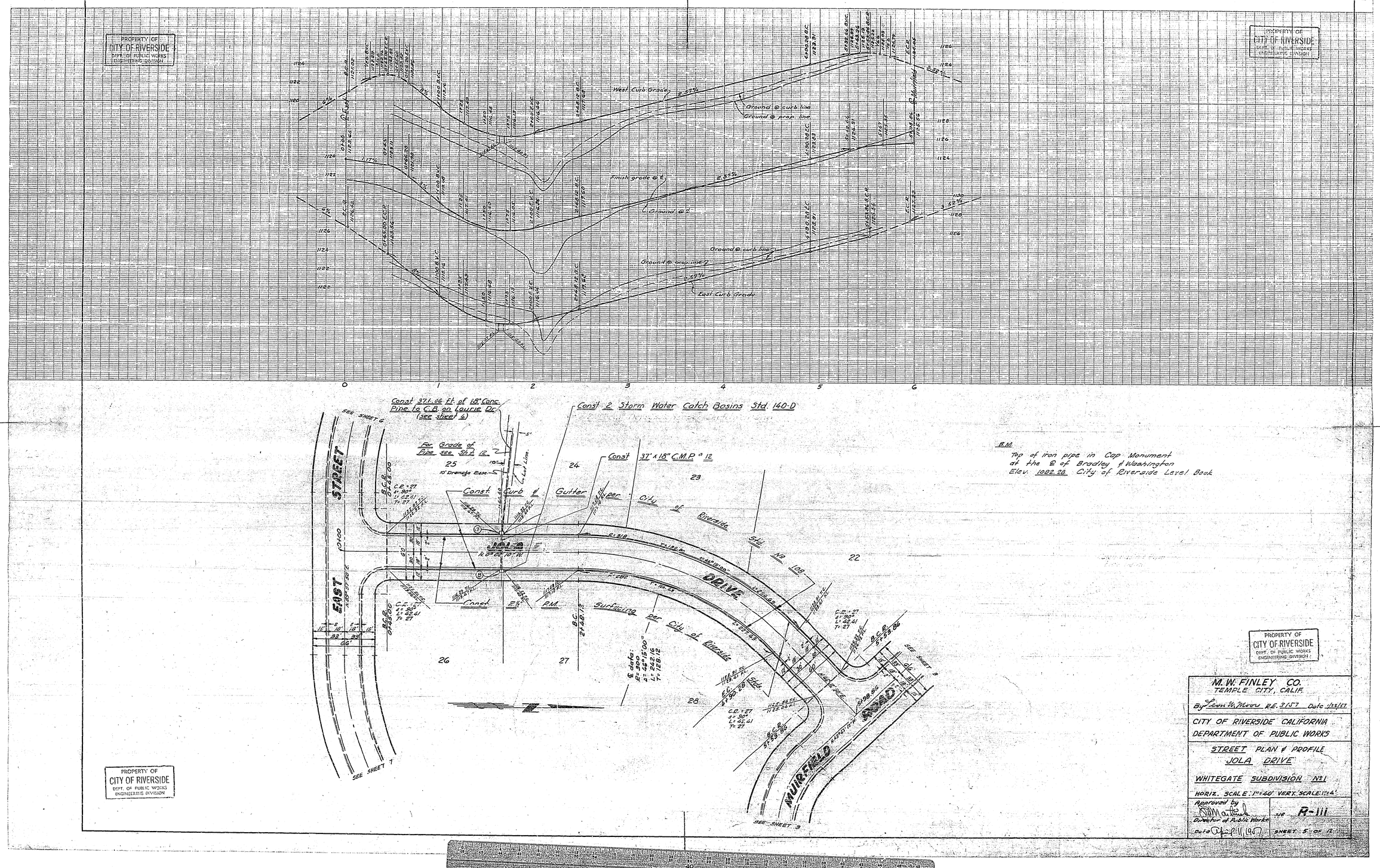

PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
Ground @ Curb line
Ground @ prop. line
North Curb Grade
South Curb Grade
Finish Grade @ ℄
℄ Conduit St.
℄ Laurie Dr.
DETAIL OF SHOWING GRADE OF PIPE FROM C.B. #8 TO WASH
DETAIL OF SHOWING GRADE OF PIPE FROM C.B. #1 TO EXISTING WASH
18" C.M.P. #12
18" Conc. Pipe
B.M.
Top of Iron Pipe in Cap Monument at the ℄ of Bradley & Washington
Elev. 1082.28 City of Riverside Level Book
Const. Curb & Gutter per City of Riverside Std. No. 108
Const. 80' x 18" Conc. Pipe per Grade Shown @ right
Const. Storm Water Catch Basin Std. 140-D
℄ data: Δ = 7°31'40" R = 737 L = 96.83 T = 48.48
℄ Natural Drain
Const. 85' x 18" C.M.P. #12 per Grade shown above
MUIRFIELD ROAD
OCOTILLO DR.
Const. 56' x 18" C.M.P. #12 per Grade shown @ right
MUIRFIELD RD.
CONDUIT STREET
Const. 45' x 18" Conc. Pipe per Grade Shown @ right
Const. Storm Water Catch Basin Std. 140-D
Const. 2½" P.M. Surfacing per City of Riverside Stds.
LAURIE DRIVE
Const. Storm Water Catch Basin Std. 140-D
SEE SHEET 3
SEE SHEET 4
SEE SHEET 9
SEE SHEET 10
TYPICAL SECTION MUIRFIELD ROAD NORTH SIDE ONLY FROM STA. 0+22 TO STA. 0+77.99
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
M. W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon M. Moore R.E. 3157 Date 1/22/57
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
MUIRFIELD ROAD
WHITEGATE SUBDIVISION No. 1
HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 4'
Approved by:
Director of Public Works
Date April 11, 1957
No. R-111
SHEET 2 OF 12



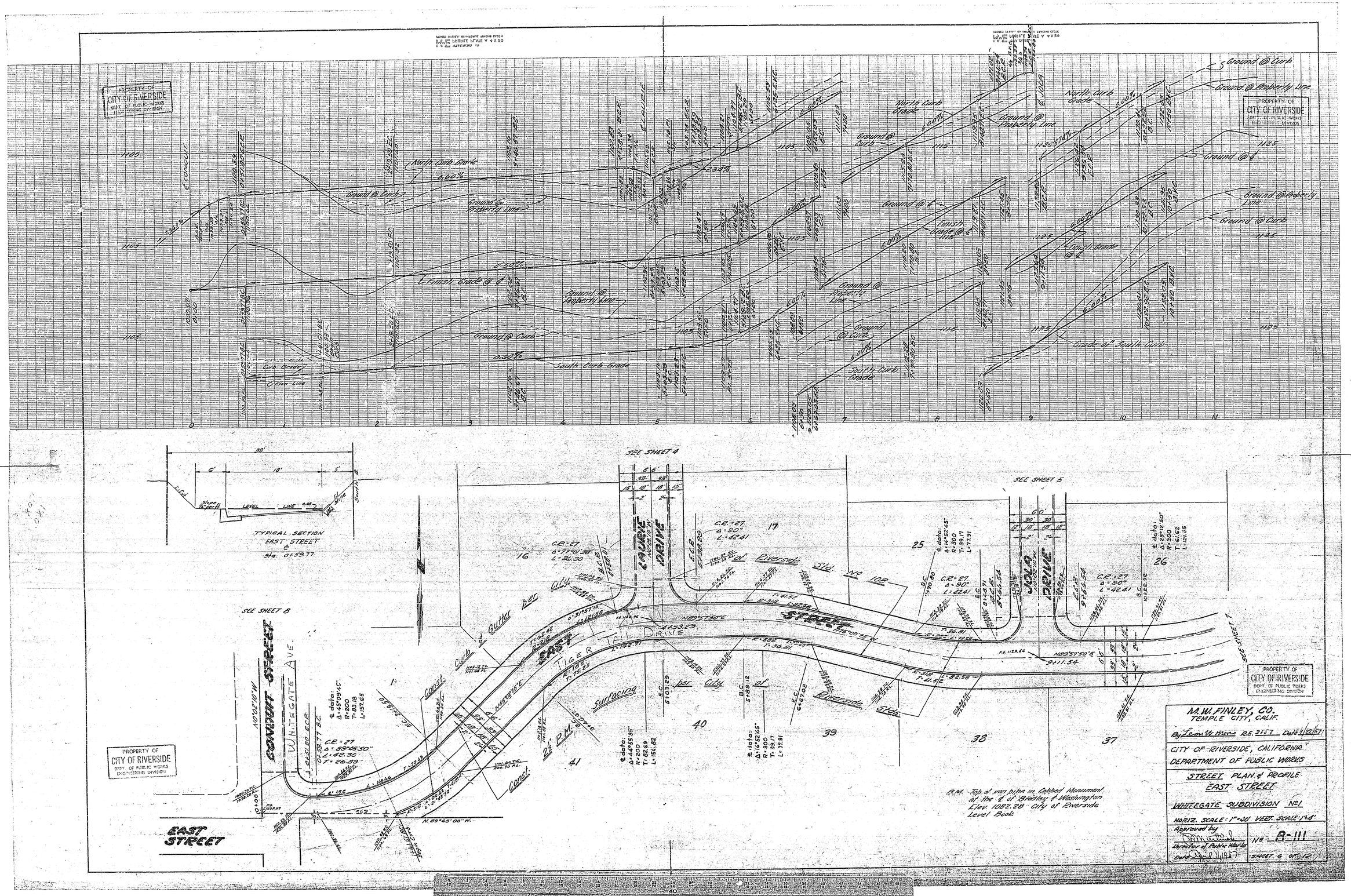
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
1:1 Slope
North Curb Grade
Ground @ Curb line
Ground @ prop. line
Grade to drain
Future Grade @ ℄
Ground @ ℄
℄ Jola Dr.
Finish Grade @ ℄
South Curb Grade
MUIRFIELD ROAD
(Unimproved)
Gutter per City of Riverside Std.
Surfacing per City of Riverside
Curb
Const.
Standards
JOLA DRIVE
SEE SHEET 2
SEE SHEET 5
B.M.
Top of iron pipe in Cap Monument at the ℄ of Bradley & Washington
Elev. 1082.28 City of Riverside Level Book
M.W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon W. Moore R.E. 2157 Date 1/22/57
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
MUIRFIELD ROAD
WHITEGATE SUBDIVISION No 1
HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 4'
Approved by:
Director of Public Works
Date April 5, 1957
No R-111
SHEET 3 OF 4

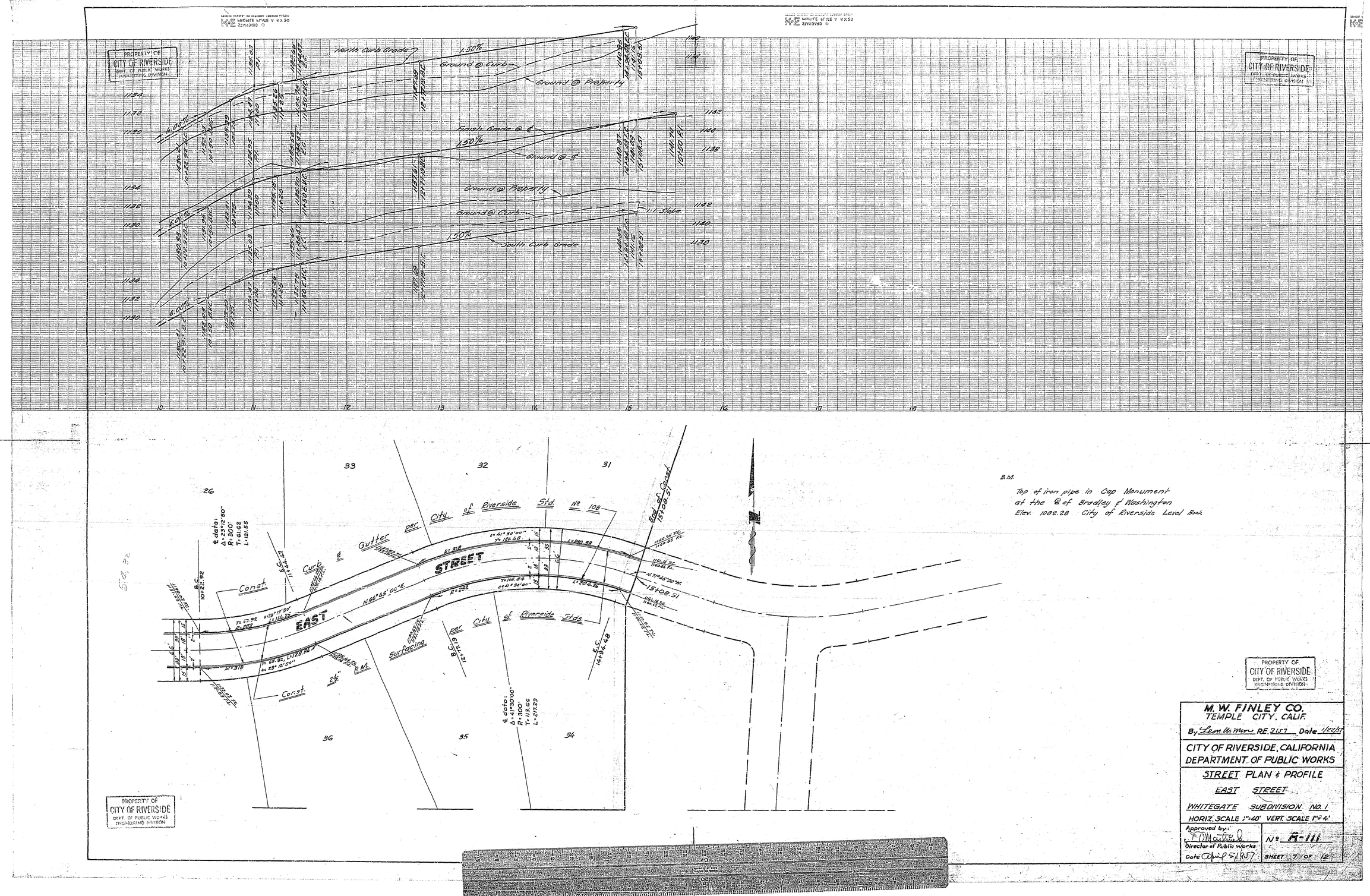


PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
Ground @ Curb line
West Curb Grade
Ground @ prop. line
Finish Grade @ ℄
Ground @ ℄
Ground @ Curb
Ground @ prop. line
East Curb Grade
℄ East
℄ Muirfield
Const. 374.50' x 18" Conc. Pipe to C.B. @ Conduit St. See Sht. 8
For Grade of Pipe See Sht. 12
Const. Curb & Gutter per City of Riverside Std. No. 108
Const. 2 Storm Water Catch Basin Std. 140-D
LAURIE DRIVE
Const. 57' x 18" C.M.P. #12
Const. 2½" P.M. Surfacing per City of Riverside Stds.
Const. 371.06' x 18" Conc. Pipe to C.B. @ Jola Dr. See Sht. 5
EAST STREET
MUIRFIELD ROAD
SEE SHEET 6
SEE SHEET 2
B.M.
Top of iron pipe in Cap Monument at the ℄ of Bradley & Washington
Elev. 1082.28 City of Riverside Level Book
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
M.W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon W. Moon R.E. 3157 Date 1/22/57
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
LAURIE DRIVE
WHITEGATE SUBDIVISION No. 1
HORIZ. SCALE: 1" = 40' VERT. SCALE 1" = 4'
Approved by
Director of Public Works
Date: April 5, 1957
No. R-111
SHEET 4 OF 12

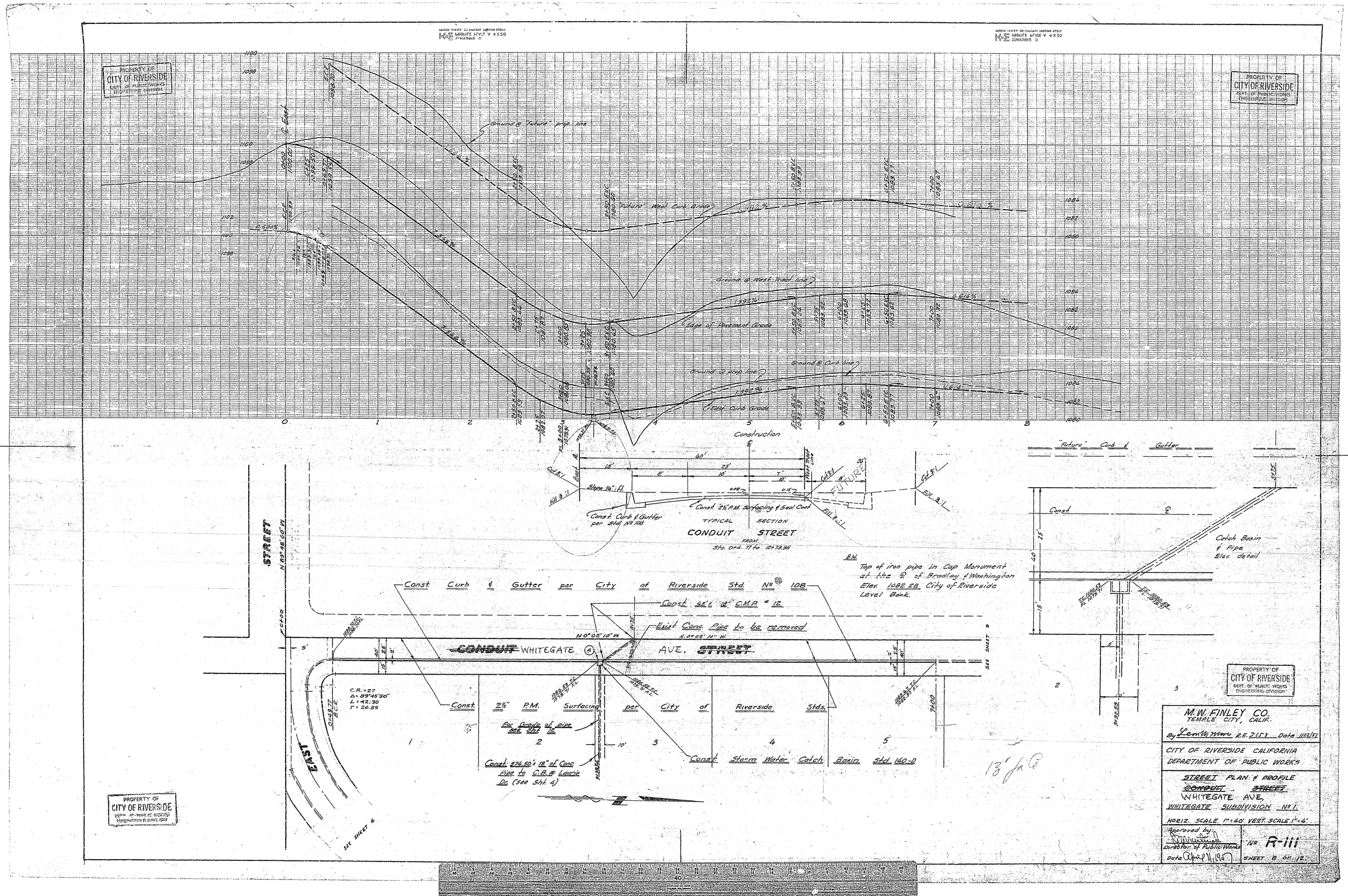


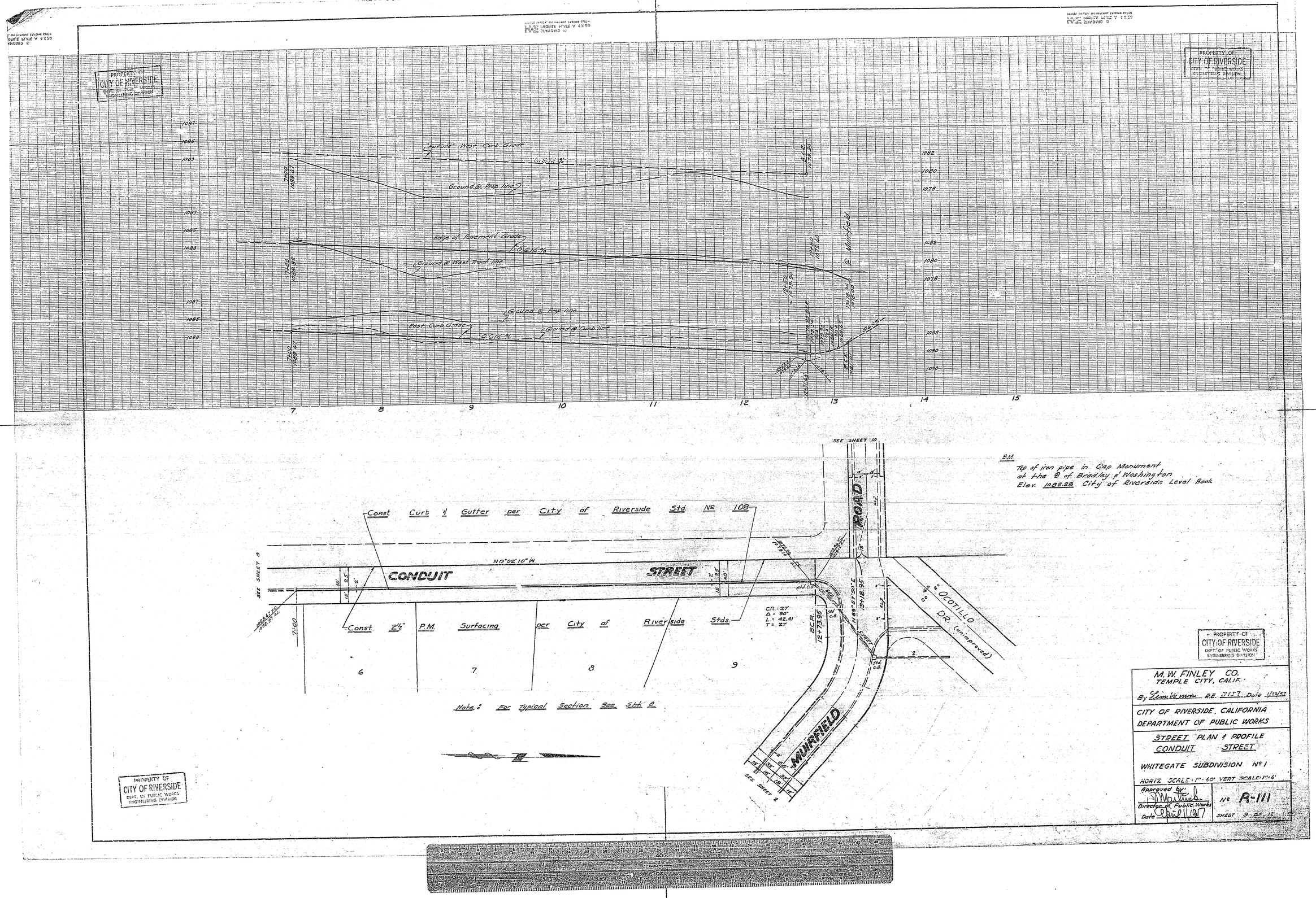
PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION
West Curb Grade
Ground @ curb line
Ground @ prop. line
Finish grade @ ℄
Ground @ ℄
East Curb Grade
Const 371.06 ft. of 18" Conc. Pipe to C.B. on Laurie Dr. (see sheet 4)
Const 2 Storm Water Catch Basins Std. 140-D
For Grade of Pipe see Sht. 12
Const 37' x 18" C.M.P. # 12
Const Curb & Gutter per City of Riverside Std. No 108
Const 2½" P.M. Surfacing per City of Riverside
EAST STREET
JOLA DRIVE
MUIRFIELD ROAD
SEE SHEET 6
SEE SHEET 7
SEE SHEET 3
B.M.
Top of iron pipe in Cap Monument at the ℄ of Bradley & Washington
Elev. 1082.28 City of Riverside Level Book
M. W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon W. Moore R.E. 3157 Date 1/22/57
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
JOLA DRIVE
WHITEGATE SUBDIVISION No 1
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
Approved by
Director of Public Works
Date April 11, 1957
No R-111
SHEET 5 OF 12


PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
North Curb Grade
Ground @ Curb
Ground @ Property Line
Finish Grade @ ℄
South Curb Grade
Curb Grade
Flow Line
℄ CONDUIT
℄ LAURIE
℄ JOLA
Grade of South Curb
SEE SHEET 4
SEE SHEET 5
SEE SHEET 7
SEE SHEET 8
TYPICAL SECTION EAST STREET @ Sta. 0+59.77
LEVEL LINE
LAURIE DRIVE
JOLA DRIVE
EAST STREET
TIGER TAIL DRIVE
CONDUIT STREET
WHITEGATE AVE.
Const. Curb & Gutter per City of Riverside Std. No 108
Surfacing per City of Riverside Stds.
Const. 2½" P.M.
N89°57'50"E
N45°02'15"E
N0°02'10"W
N.89°48'00"W.
B.M. Top of iron pipe in Capped Monument at the ℄ of Bradley & Washington Elev. 1082.28 City of Riverside Level Book
M.W. FINLEY, CO.
TEMPLE CITY, CALIF.
By Leon W. Moore R.E. 3157 Date 1/22/57
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
EAST STREET
WHITEGATE SUBDIVISION No 1
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
Approved by
Director of Public Works
Date April 1, 1957
No B-111
SHEET 6 OF 12



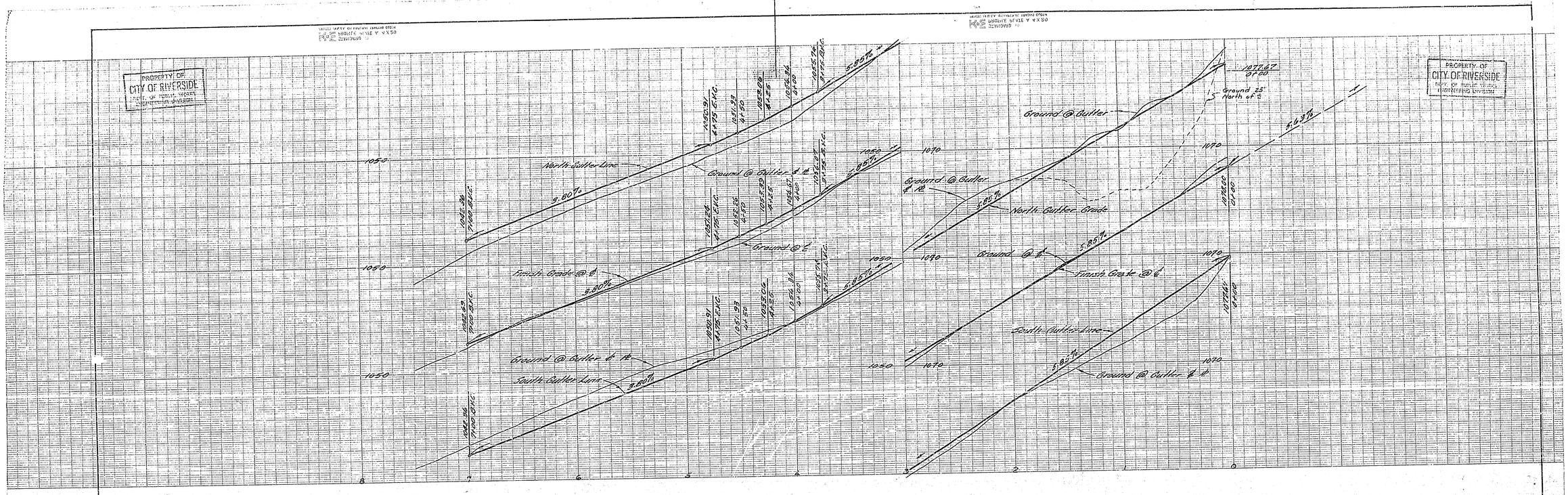
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
North Curb Grade
1.50%
Ground @ Curb
Ground @ Property
Finish Grade @ ℄
Ground @ ℄
Ground @ Property
Ground @ Curb
1:1 Slope
South Curb Grade
6.00%
10
11
12
13
14
15
16
17
18
33
32
31
26
36
35
34
Const. Curb & Gutter per City of Riverside Std. No 108
End of Const. 15+08.51
EAST STREET
N.66°45'00"E.
N.71°45'00"W.
15+08.51
Const. 2½" P.M. Surfacing per City of Riverside Stds.
℄ data: Δ=41°30'00" R=300' T=113.66 L=217.29
℄ data: Δ=23°12'50" R=300' T=61.62 L=121.55
B.C. 10+21.92
E.C. 11+44.47
B.C. 12+77.19
E.C. 14+94.48
B.M.
Top of iron pipe in Cap Monument
at the ℄ of Bradley & Washington
Elev. 1082.28 City of Riverside Level Book
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
M. W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon W. Moore R.E. 3157 Date 1/22/57
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
EAST STREET
WHITEGATE SUBDIVISION NO. 1
HORIZ. SCALE 1"=40' VERT. SCALE 1"=4'
Approved by:
Director of Public Works
Date April 5, 1957
No. A-111
SHEET 7 OF 12

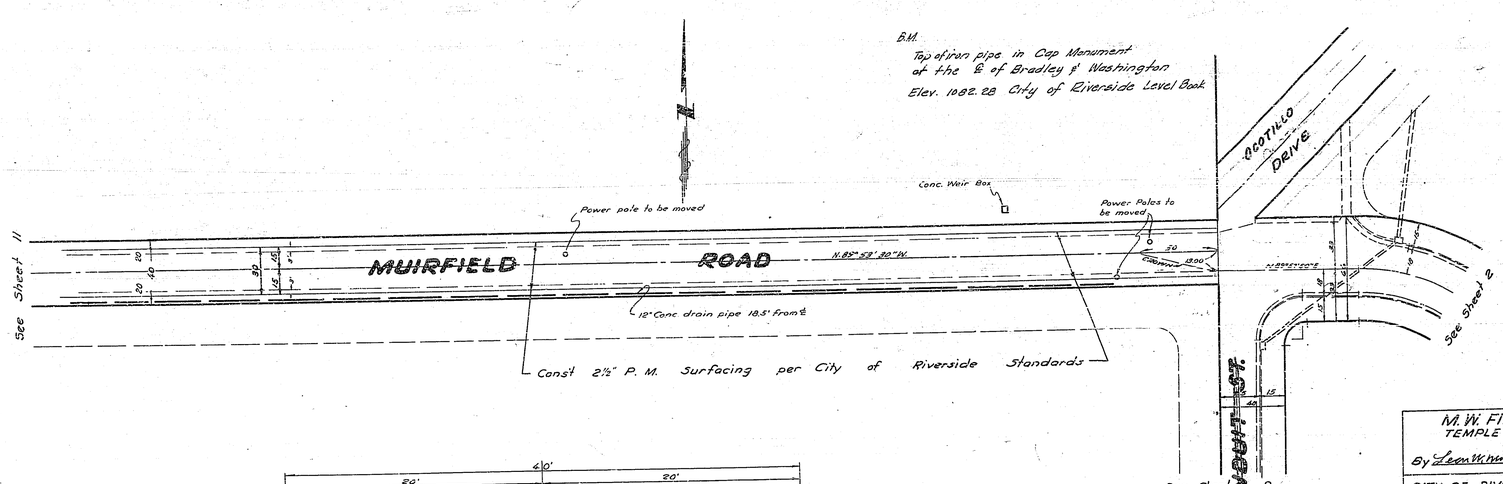

PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
Ground @ "Future" prop. line
"Future" West Curb Grade
Ground @ West Tract line
Edge of Pavement Grade
Ground @ Curb line
Ground @ prop. line
East Curb Grade
Construction
Const. Curb & Gutter per Std. No. 108
Const. 2½" P.M. Surfacing & Seal Coat
TYPICAL SECTION
CONDUIT STREET
FROM Sta. 0+4.77 to 12+73.95
B.M.
Top of iron pipe in Cap Monument at the ℄ of Bradley & Washington Elev. 1082.28 City of Riverside Level Book.
"Future" Curb & Gutter
Catch Basin & Pipe Elev. detail
Const. Curb & Gutter per City of Riverside Std. No. 108
Const. 45' x 18" C.M.P. # 12
Exist. Conc. Pipe to be removed
CONDUIT WHITEGATE AVE. STREET
Const. 2½" P.M. Surfacing per City of Riverside Stds.
For Grade of pipe see Sht. 12
Const. 374.50' x 18" of Conc. Pipe to C.B. @ Laurie Dr. (see Sht. 4)
Const. Storm Water Catch Basin Std. 160-D
EAST STREET
SEE SHEET 6
SEE SHEET 9
C.R. = 27
Δ = 39°45'50"
L = 42.30
T = 26.89
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
M.W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon W. Mann R.E. 2157 Date 11/22/57
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
~~CONDUIT~~ ~~STREET~~
WHITEGATE AVE.
WHITEGATE SUBDIVISION No. 1
HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 4'
Approved by:
Director of Public Works
Date April 11, 1957
No. R-111
SHEET 8 OF 12

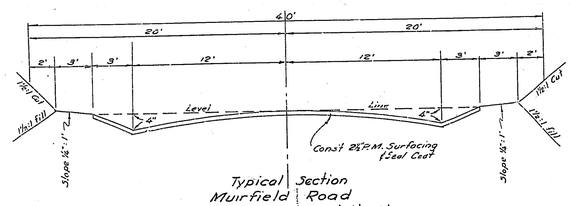


PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
"Future" West Curb Grade
Ground @ Prop. line
Edge of Pavement Grade
0.614 %
Ground @ West Tract line
Ground @ Prop. line
East Curb Grade
0.614 %
Ground @ Curb line
℄ Muirfield
7
8
9
10
11
12
13
14
15
SEE SHEET 10
Const Curb & Gutter per City of Riverside Std. No 108
CONDUIT
STREET
N 0°02'10" W
SEE SHEET 8
Const 2½" P.M. Surfacing per City of Riverside Stds.
6
7
8
9
Note: For Typical Section See Sht. 8
ROAD
MUIRFIELD
OCOTILLO DR. (unimproved)
SEE SHEET 2
B.M.
Top of iron pipe in Cap Monument at the ℄ of Bradley & Washington
Elev. 1082.28 City of Riverside Level Book
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
M. W. FINLEY CO.
TEMPLE CITY, CALIF.
By R.E. 3157 Date 1/22/57
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
STREET PLAN & PROFILE
CONDUIT STREET
WHITEGATE SUBDIVISION No 1
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
Approved by:
Director of Public Works
Date April 11, 1957
No R-111
SHEET 9 OF 12

PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION







Typical Section
Muirfield Road
Washington St. to Conduit St.

PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION

M. W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon Wilson R.E. 21[illegible] Date 1/22/57

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

STREET PLAN & PROFILE
MUIRFIELD STREET

WHITEGATE SUBDIVISION No 1

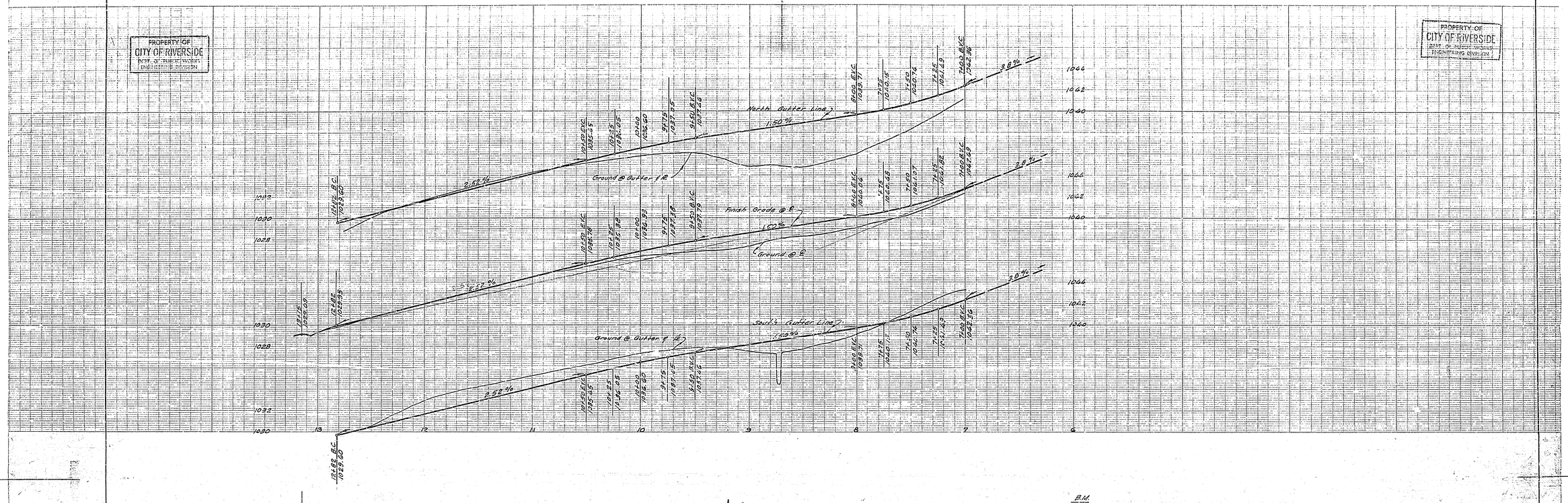
HORIZ. SCALE: 1" = 40' VERT SCALE: 1" = 4'

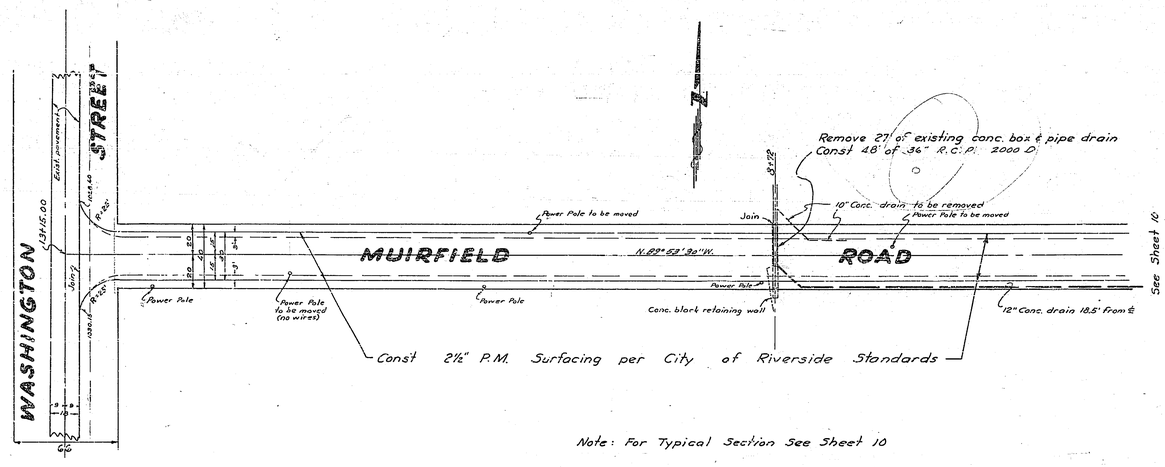
Approved by: [illegible]
Director of Public Works
Date April 5, 1957

No R-111

SHEET 10 OF 12

PROPERTY OF
CITY OF RIVERSIDE
DEPT. OF PUBLIC WORKS





Note: For Typical Section See Sheet 10

B.M.
Top of iron pipe in Cap Monument at the ℄ of Bradley & Washington
Elev. 1022.28 City of Riverside Level Book.

PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION

M. W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon W. Moore R.E. 7157 Date 1/22/57

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

STREET PLAN & PROFILE
MUIRFIELD ROAD

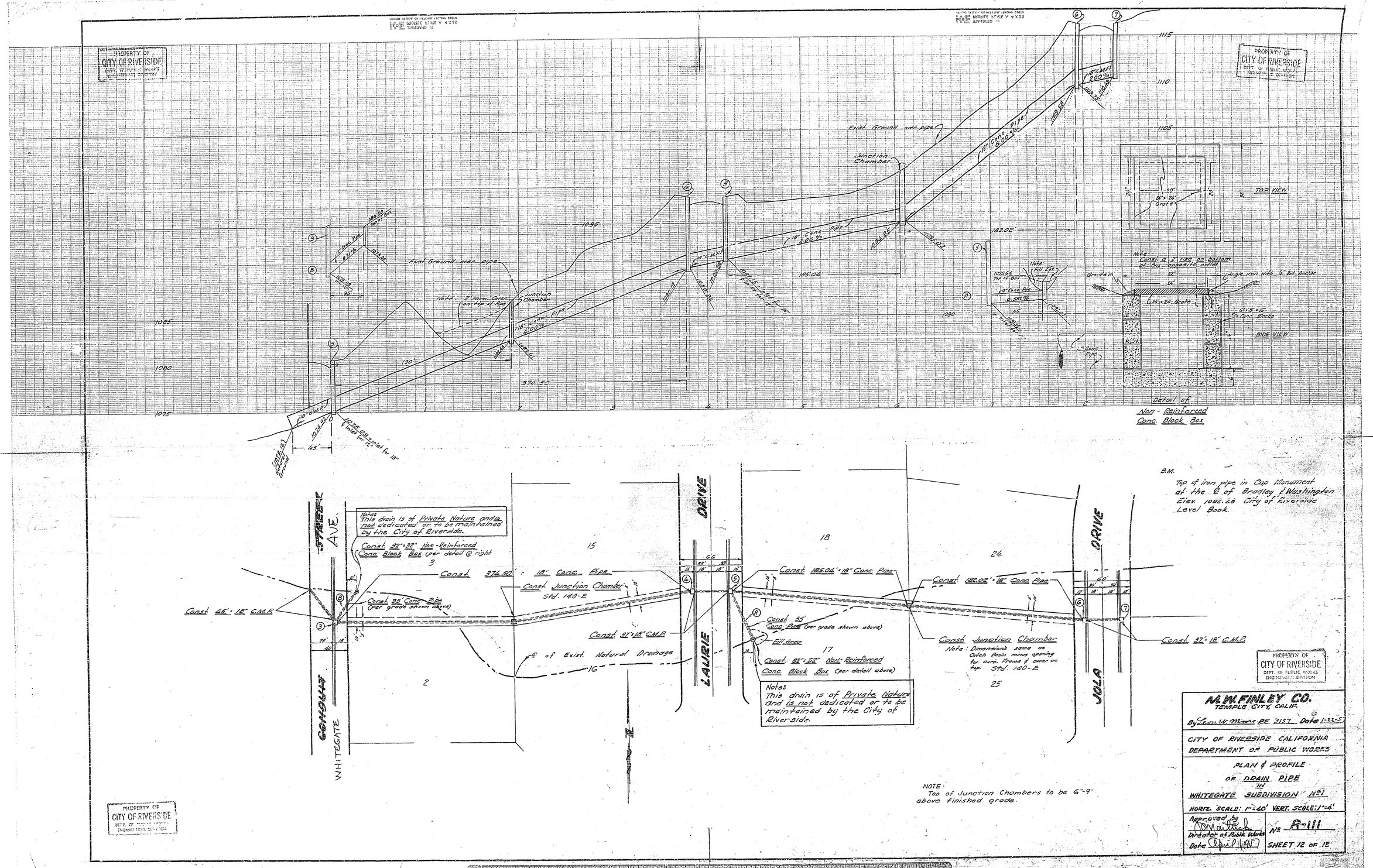
WHITEGATE SUBDIVISION No 1

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

Approved by: [signature]
Director of Public Works
Date April 3, 1957

No R-111

SHEET 11 OF 12



PROPERTY OF CITY OF RIVERSIDE
Exist. Ground over pipe
Junction Chamber
18" Conc. Pipe 8.00%
18" Conc. Pipe 2.00%
18" C.M.P. 2.00%
18" C.M.P. 4.00%
Note: 2' min. Cover on top of Pipe
374.50'
185.04'
182.02'
TOP VIEW
SIDE VIEW
Detail of Non-Reinforced Conc. Block Box
Note: Const. a 2" rise on bottom at Box opposite outlet
Grate in
Angle iron with ¼" Bed Anchor
24" x 24" Grate
Note: Fill 2½'
Note: This drain is of Private Nature and is not dedicated or to be maintained by the City of Riverside.
Const. 32" x 32" Non-Reinforced Conc. Block Box (per detail @ right
Const. 374.50' x 18" Conc. Pipe
Const. Junction Chamber Std. 140-E
Const. 45' x 18" C.M.P.
Const. 35' Conc. Pipe (per grade shown above)
Const. 37' x 18" C.M.P.
℄ of Exist. Natural Drainage
Const. 185.04' x 18" Conc. Pipe
Const. 182.02' x 18" Conc. Pipe
Const. 35' Conc. Pipe (per grade shown above)
Fill Area
Const. 32" x 32" Non-Reinforced Conc. Block Box (per detail above)
Note: This drain is of Private Nature and is not dedicated or to be maintained by the City of Riverside.
Const. Junction Chamber
Note: Dimensions same as Catch Basin minus opening for curb. Frame & cover on top: Std. 140-E
Const. 37' x 18" C.M.P.
STREET
AVE.
CONDUIT
WHITEGATE
LAURIE
DRIVE
JOLA
DRIVE
B.M.
Top of iron pipe in Cap Monument at the ℄ of Bradley & Washington Elev. 1082.28 City of Riverside Level Book.
NOTE: Top of Junction Chambers to be 6"-9" above finished grade.
PROPERTY OF CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS ENGINEERING DIVISION
M.W. FINLEY CO.
TEMPLE CITY, CALIF.
By Leon W. Moore R.E. 3157 Date 1-22-57
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
PLAN & PROFILE
OF DRAIN PIPE
IN
WHITEGATE SUBDIVISION No 1
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'
Approved by
Director of Public Works
Date April 14, 1957
No R-111
SHEET 12 OF 12