RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

MAGNOLIA AVE. LEVELING AND MEDIAN RECONSTRUCTION

From Westerly City Limits To Jackson

Project Length: 22,600 Ft. = 4.3 Miles

Traffic Index: 8.5

CONSTRUCTION LEGEND

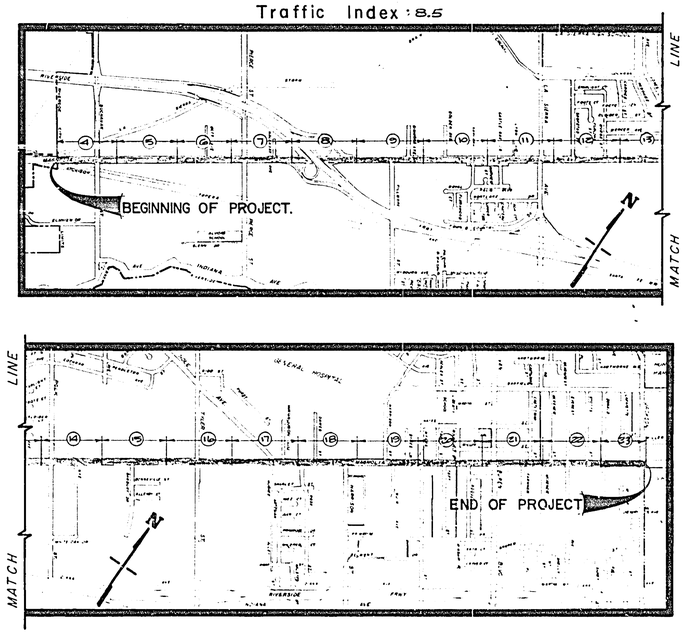
CENTER LINE
RIGHT-OF-WAY LINE
SUBDIVISION LOT LINE
TOP OF SLOPE
TOE OF SLOPE
DIRECTION OF FLOW

CONSTRUCT PER CITY OF RIVERSIDE STANDARD DRAWINGS:

- 122 REVERSE TAPER PER STANDARD DRAWING 122.
- 123 PARABOLIC FLARE PER STANDARD DRAWING 123.
- 200 I CURB & GUTTER PER STANDARD DRAWING 200, TYPE I.
- 200 III CURB PER STANDARD DRAWING 200, TYPE III.
- 250 I ASPHALT BERM PER STANDARD DRAWING 250, TYPE I.
- 302 DRIVEWAY APPROACH PER STANDARD DRAWING 302.
- 405 CATCH BASIN PER STANDARD DRAWING 405.
- 407 CATCH BASIN PER STANDARD DRAWING 407.
- 412 C.M.P. INLET PER STANDARD DRAWING 412.
- D.I. LOCAL DEPRESSION AND 4' CURB OPENING PER STANDARD DRAWING 405. DETAIL SHOWN ON SHEET 2.
- 325 SIDEWALK PER STANDARD DRAWING 325.
- 425 NOR CONSTRUCT CLEANOUT PER STANDARD DRAWING 425, WITH 30" x 4" WINDOW ON N'ELY SIDE.
- 304 WHEELCHAIR RAMP PER STANDARD DRAWING 304.
- 220 CROSS GUTTER PER STANDARD DRAWING 220.
- M.D. CONSTRUCT MEDIAN DRAIN PER DETAIL SHOWN ON SHEET 24
- 200 III CURB PER STANDARD DRAWING 200 TYPE III AND DETAIL SHOWN ON SHEET 2.
- 452 PIPE BEDDING PER STANDARD DRAWING 452 CASE I EXCEPT UNDER DRIVEWAYS WHERE CASE III N=3/4D SHALL BE USED.

GENERAL CONSTRUCTION NOTES

1. A.C. OVERLAY, MINIMUM OF 1" THICK.
2. REMOVE ALL EXISTING PAVEMENT IN AREA AS DIRECTED BY THE ENGINEER. INSTALL NEW STRUCTURAL SECTION AS SPECIFIED ON CROSS SECTIONS.
3. UNLESS NOTED OTHERWISE, ALL CURB AND BERM RETURNS IN THE MEDIAN BETWEEN STATIONS 10+00 AND 41+00± SHALL BE R=10' TO CURB FACE OR BERM ℄.
4. UNLESS NOTED OTHERWISE, ALL E.P. RETURNS AT STREET INTERSECTIONS SHALL HAVE R=20'.
5. CATCH BASIN AND MEDIAN DRAIN CONNECTOR PIPES SHALL BE CONNECTED TO MAIN LINE IN ACCORDANCE WITH RIVERSIDE COUNTY FLOOD CONTROL DISTRICT, JUNCTION STRUCTURE No 4.
6. (R) RECONSTRUCT DRIVEWAYS ACCORDING TO THE FOLLOWING INSTRUCTIONS AND DETAILS ON SHEET 2 OF THESE PLANS. "A" DIMENSION SHALL BE SPECIFIED FOR EACH CASE.
   - CASE I GRADE EXISTING DIRT DRIVEWAY TO MEET EXISTING IN "A" FEET.
   - CASE II OVERLAY EXISTING A.C. DRIVEWAY WITH A.C. PAVEMENT TO MEET EXISTING IN "A" FEET.
   - CASE III REMOVE EXISTING DRIVEWAY TO "A" FEET FROM E.P. AND REPLACE WITH 2½" FULL DEPTH A.C. OVER COMPACTED NATIVE SOIL.
7. DEPTH OF UTILITY UNKNOWN; HOWEVER, INTERFERENCE WITH CONSTRUCTION IS NOT EXPECTED.



PROJECT LOCATION PLAN

0' 500' 1000' 2000' 3000' 4000' 5000' 6000'

SCALE 1" = 1000'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES

EXISTING TOPOGRAPHY

SHEET INDEX

SHEET 1 TITLE SHEET
SHEET 2-3 TYPICAL CROSS SECTIONS
SHEET 4-23 PLAN & PROFILE
SHEET 24-26 LANDSCAPING PLAN
SHEET 27-31 TRAFFIC SIGNAL PLAN

INDEXED TO FAU M-R 100 (001)

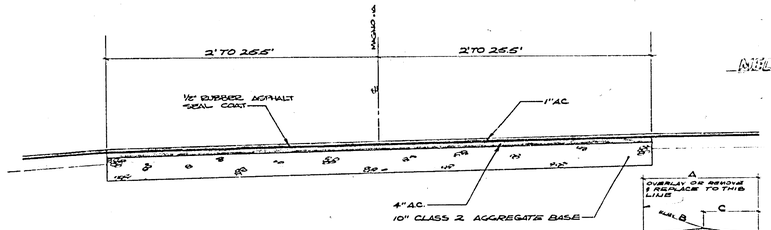
-CAUTION-
PACIFIC TELEPHONE CABLES UNDERGROUND BEFORE EXCAVATING CALL COLLECT: 7:30 A.M. to 5 P.M. After Hours & Holidays
FOR FREE CABLE LOCATING SERVICE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

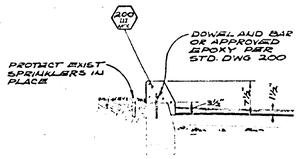
MAGNOLIA AVE. LEVELING AND MEDIAN RECONSTRUCTION
FROM WESTERLY CITY LIMITS TO JACKSON

DRAWING NUMBER R-1786

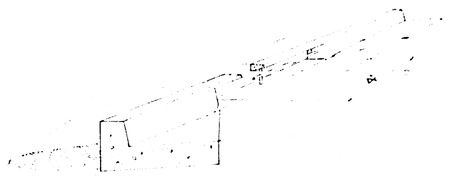
SHEET 1 OF 31



MEDIAN OPENING
AND LEFT TURN LANES

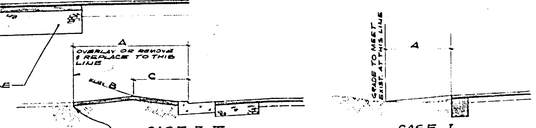


MEDIAN CURB RECONSTRUCTION
MERAMEC TO JACKSON

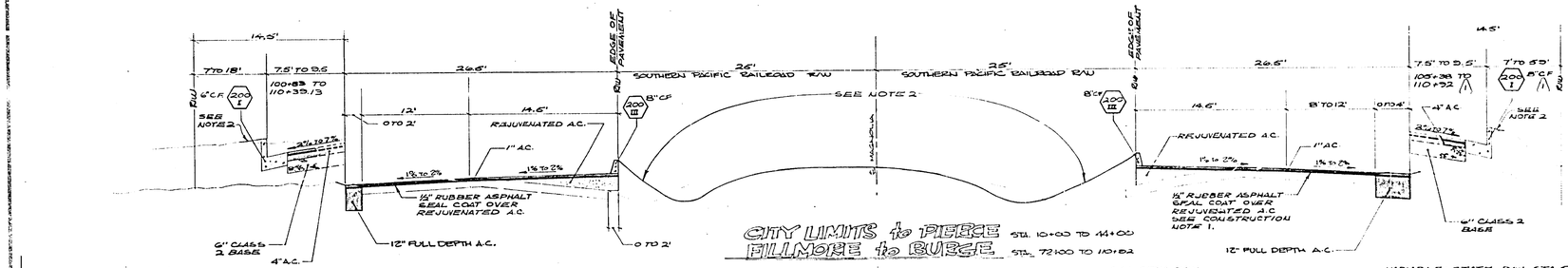


CURB OPENING ONLY PER STD. DWG. 405

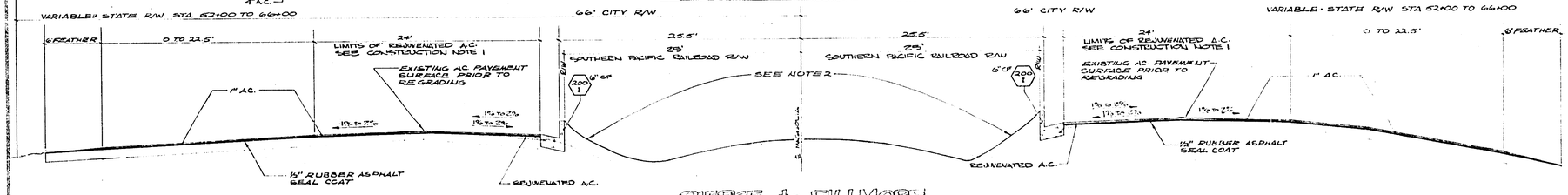
DRAINAGE INLET DETAIL



DRIVEWAY MATCH UP



CITY LIMITS to PIERCE STA. 10+00 TO 44+00
FILLMORE to BURGE STA. 72+00 TO 110+82



PIERCE to FILLMORE
STATION 44+00 TO 72+00

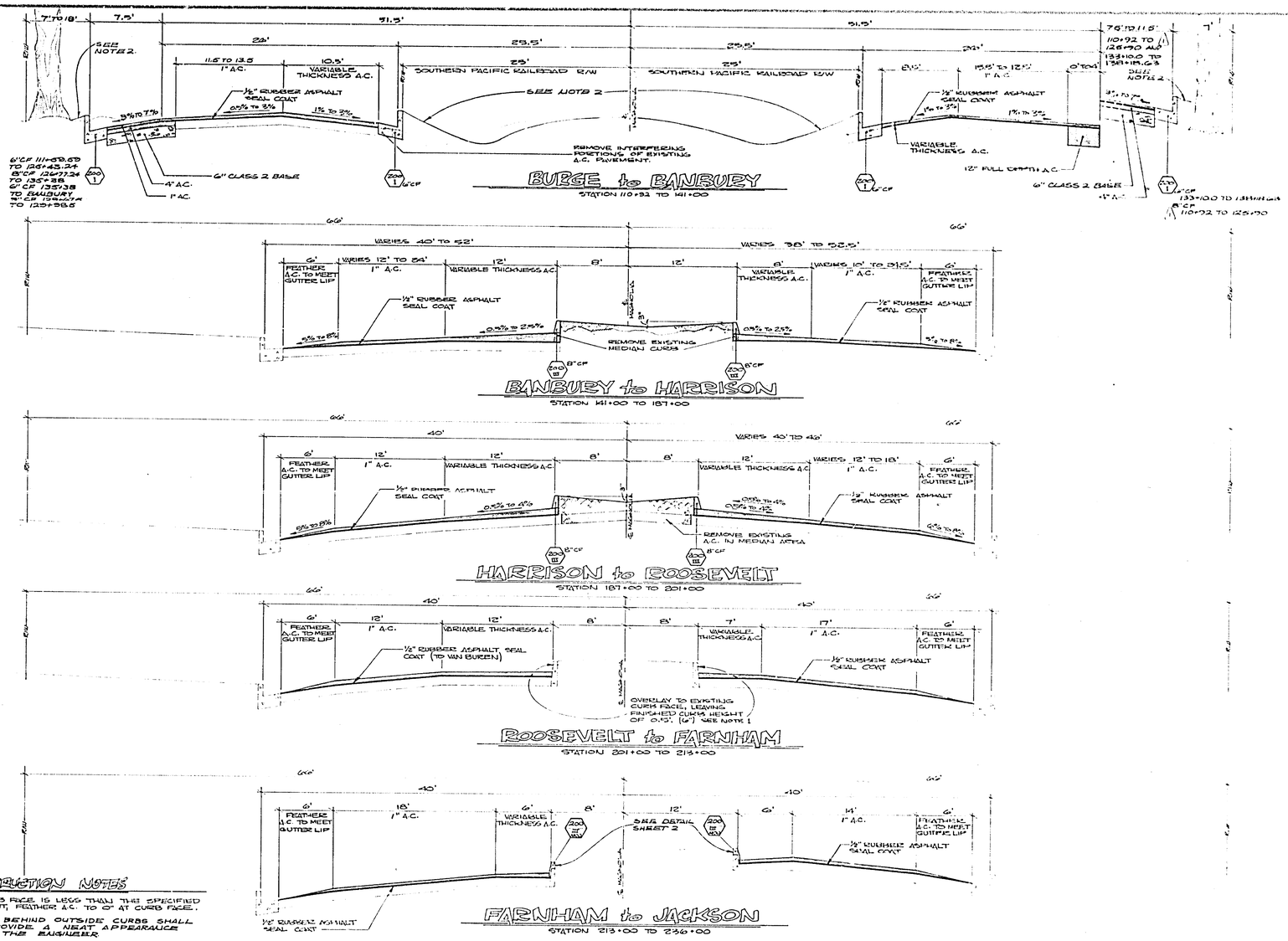
CONSTRUCTION NOTES

1. REJUVENATED A.C. REFERS TO EXISTING ASPHALT CONCRETE WITHIN THE LIMITS SHOWN WHICH HAS BEEN HEATER PLANED TO A DEPTH OF 1", REMIXED WITH A REJUVENATING AGENT, AND REGRADED AS SHOWN.
2. MEDIAN AND AREAS BEHIND OUTSIDE CURBS SHALL BE GRADED TO PROVIDE A NEAT APPEARANCE AS DIRECTED BY THE ENGINEER

1/30/76

Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson

R-1786



CONSTRUCTION NOTES

1. WHERE EXISTING CURB FACE IS LESS THAN THE SPECIFIED FINISHED CURB HEIGHT, FEATHER A.C. TO 0" AT CURB FACE.
2. MEDIAN AND AREAS BEHIND OUTSIDE CURBS SHALL BE GRADED TO PROVIDE A NEAT APPEARANCE AS DIRECTED BY THE ENGINEER

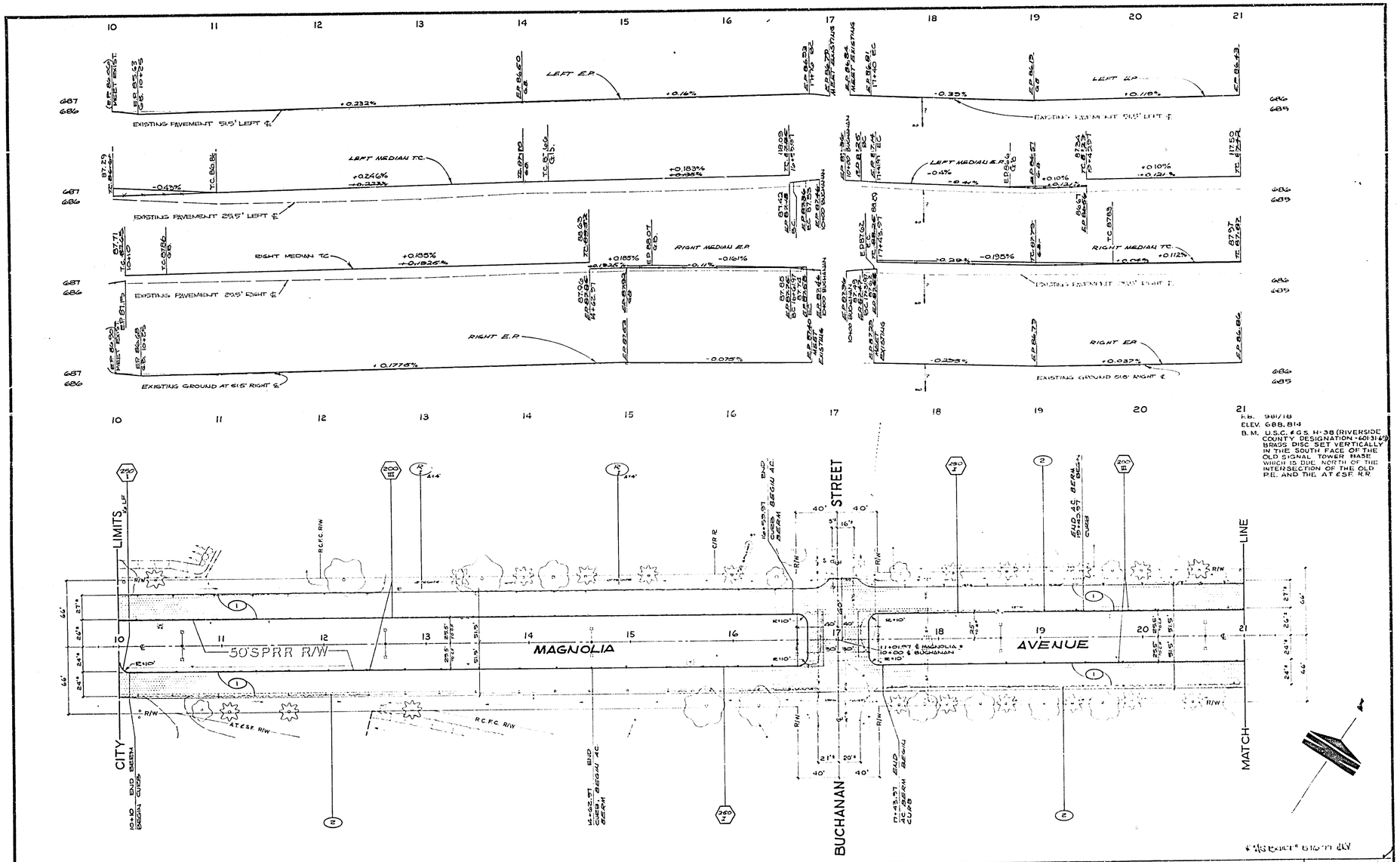
MINOR REVISIONS PER REVIEW
ADDITIONS PER CHANGE ORDER #0

CITY OF RIVERSIDE

1/30/76

Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson

R-1786



F.B. 981/18
ELEV. 688.814
B.M. U.S.C. & G.S. H-38 (RIVERSIDE COUNTY DESIGNATION - 60131-6) BRASS DISC SET VERTICALLY IN THE SOUTH FACE OF THE OLD SIGNAL TOWER BASE WHICH IS DUE NORTH OF THE INTERSECTION OF THE OLD P.E. AND THE AT & SF. R.R.

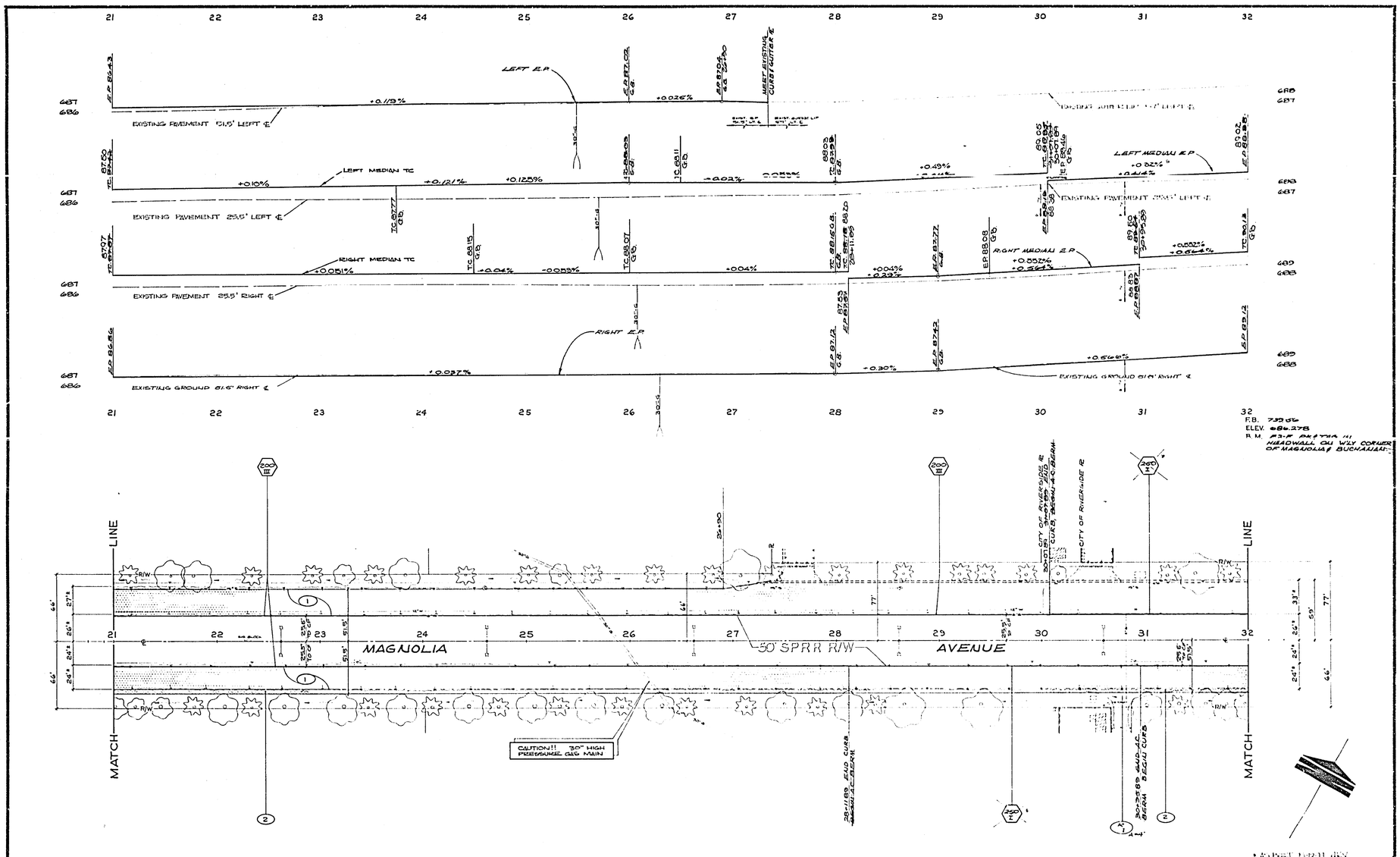
MAJOR REVISIONS PER REVIEW

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

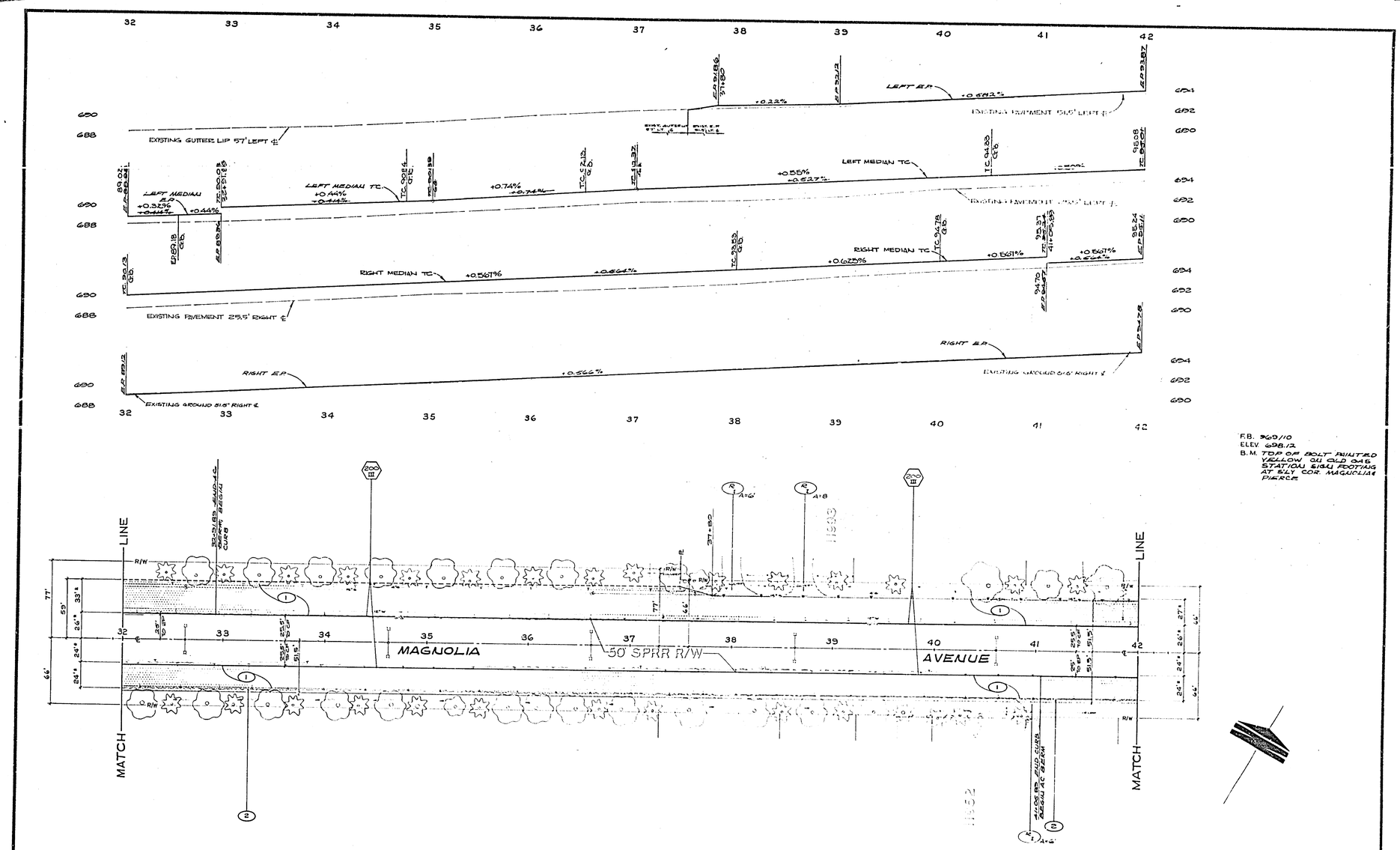
APPROVED BY
DATE 1/30/76

Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson

R-1786

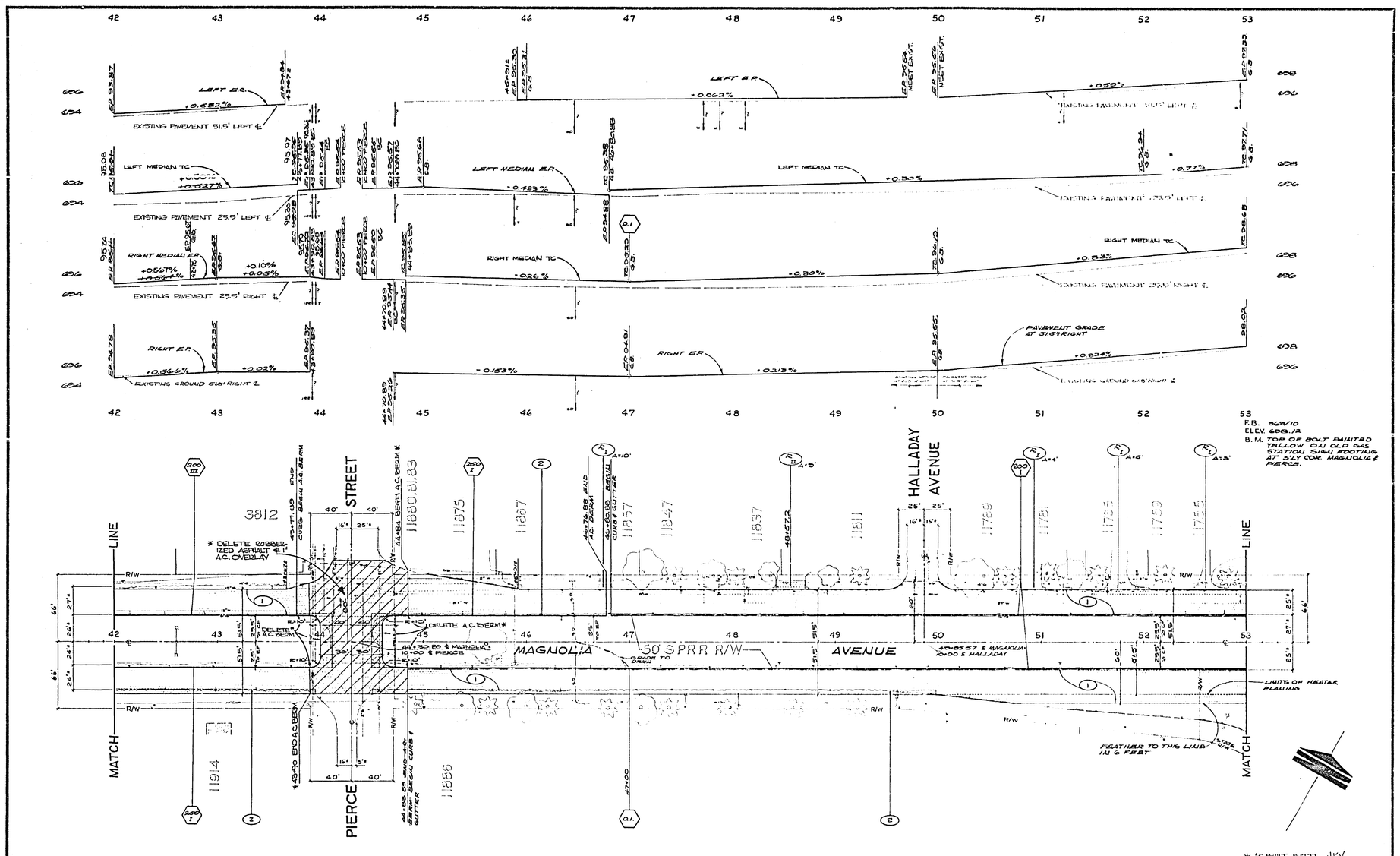


LEFT E.P.
EXISTING PAVEMENT 51.5' LEFT ℄
LEFT MEDIAN TC
EXISTING PAVEMENT 25.5' LEFT ℄
RIGHT MEDIAN TC
EXISTING PAVEMENT 25.5' RIGHT ℄
RIGHT E.P.
EXISTING GROUND 51.5' RIGHT ℄
LEFT MEDIAN E.P.
RIGHT MEDIAN E.P.
MEET EXISTING CURB & GUTTER ℄
F.B. 739.56
ELEV. 686.278
R.M. F3-F PK & TAG IN HEADWALL ON W'LY CORNER OF MAGNOLIA & BUCHANAN
MAGNOLIA
AVENUE
50' SPRR R/W
MATCH LINE
CAUTION!! 30" HIGH PRESSURE GAS MAIN
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786
1/30/76

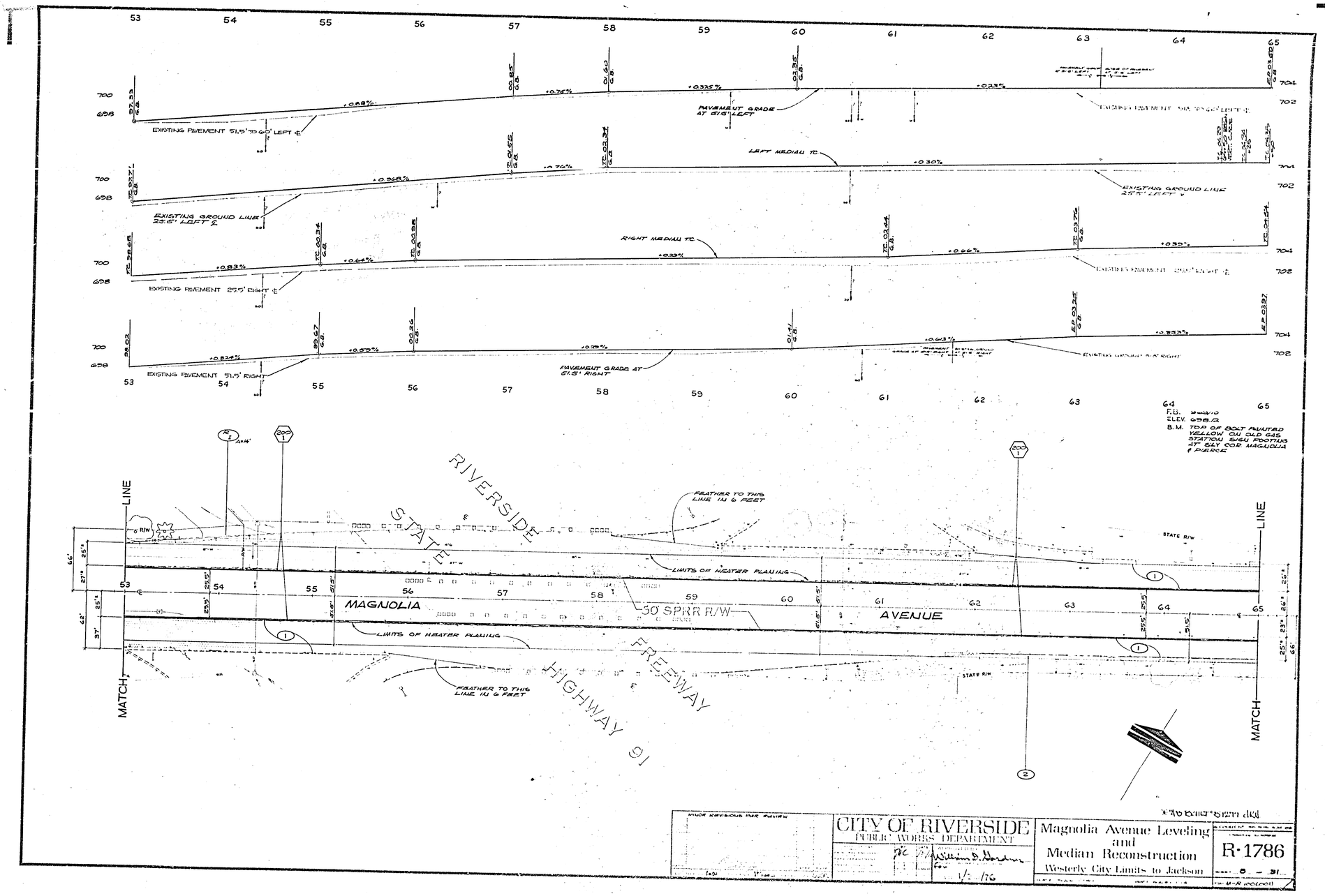


F.B. 969/10
ELEV. 698.12
B.M. TOP OF BOLT PAINTED YELLOW ON OLD GAS STATION SW FOOTING AT SLY COR. MAGNOLIA PIERCE

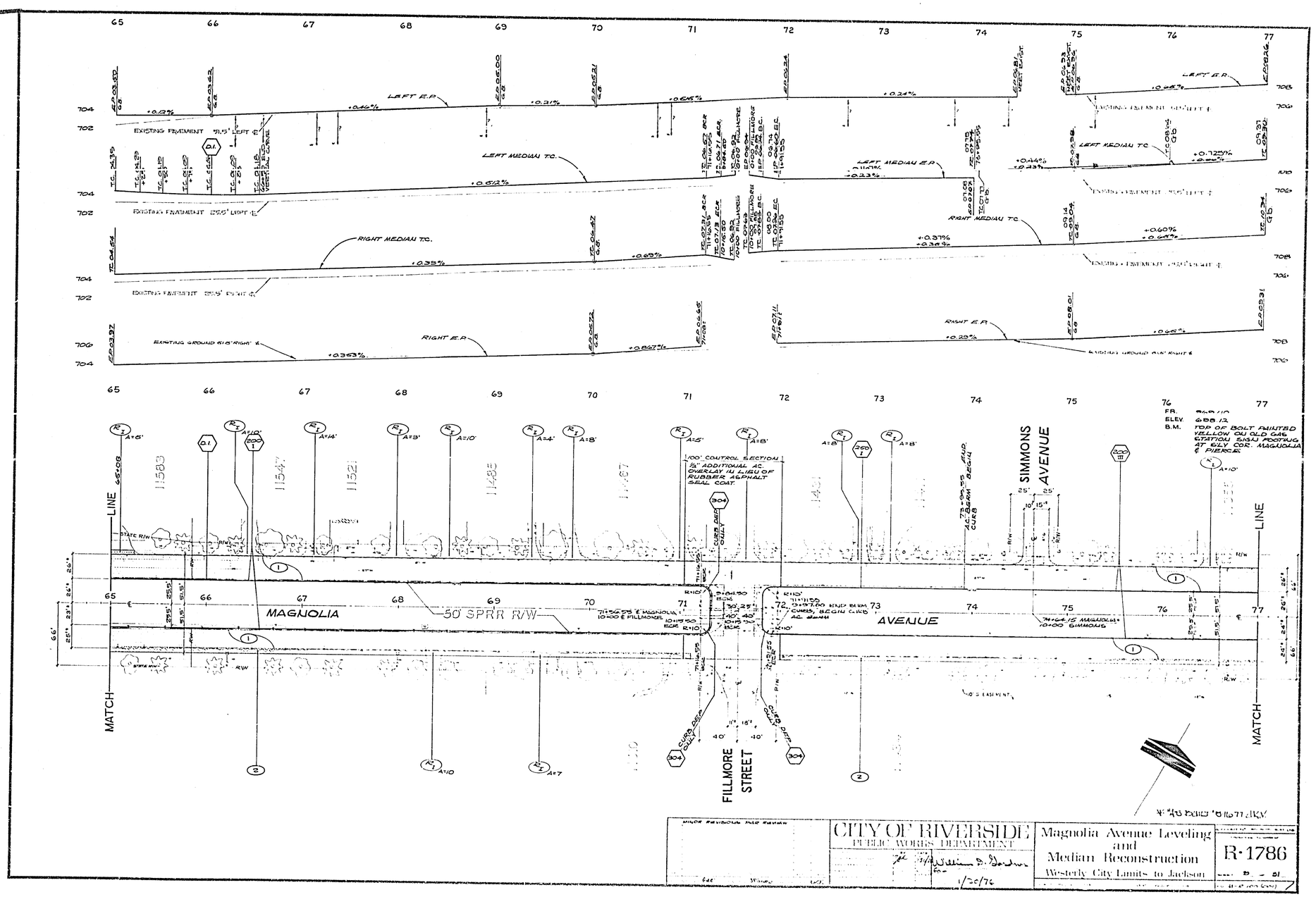
MAJOR REVISIONS PER REVIEW	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	Magnolia Avenue Leveling and Median Reconstruction Westerly City Limits to Jackson	R-1786
	DATE 1/30/76		



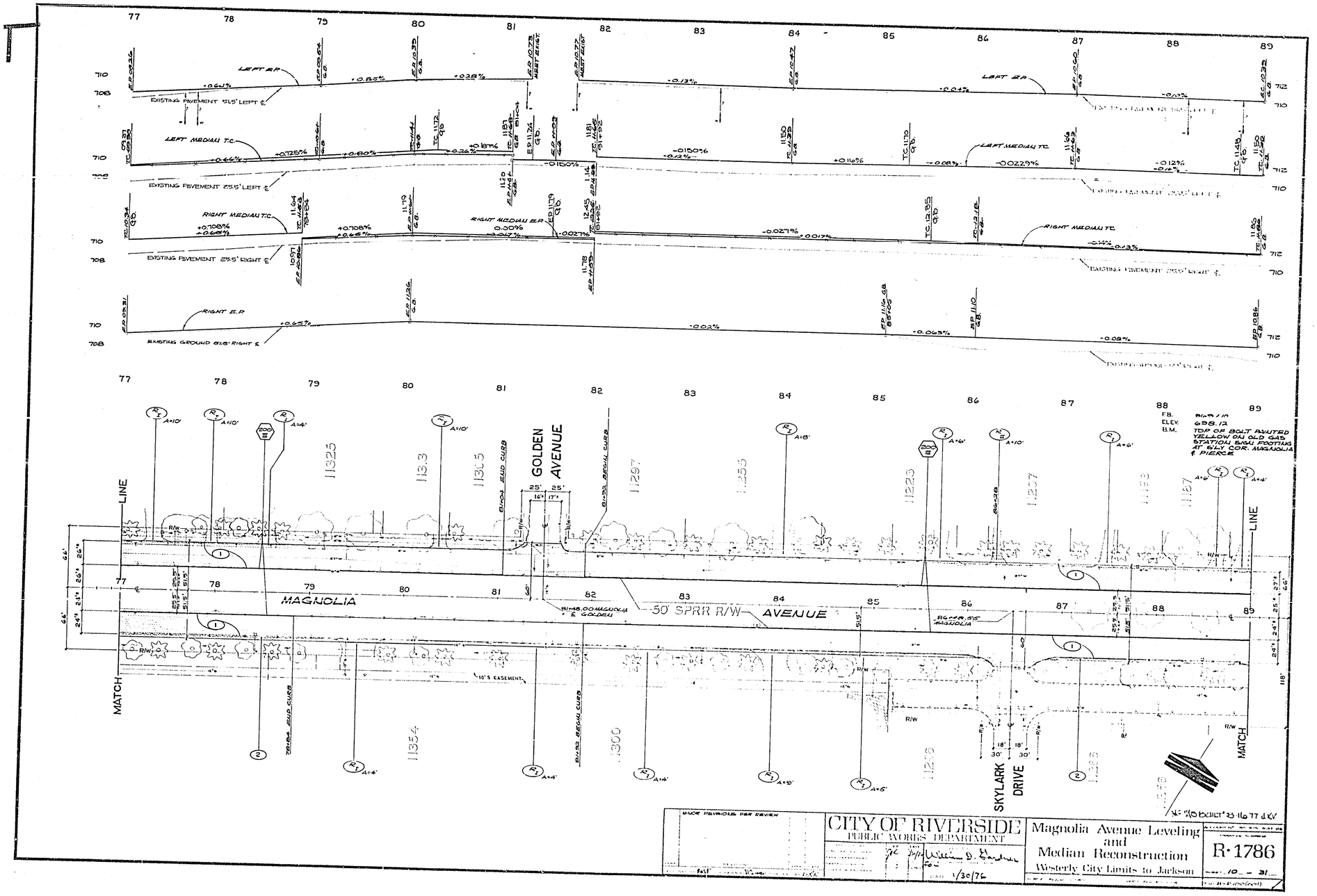
MAJOR REVISIONS PER REVIEW	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	Magnolia Avenue Leveling and Median Reconstruction Westerly City Limits to Jackson	R-1786
	DATE 1/30/76		7 of 31



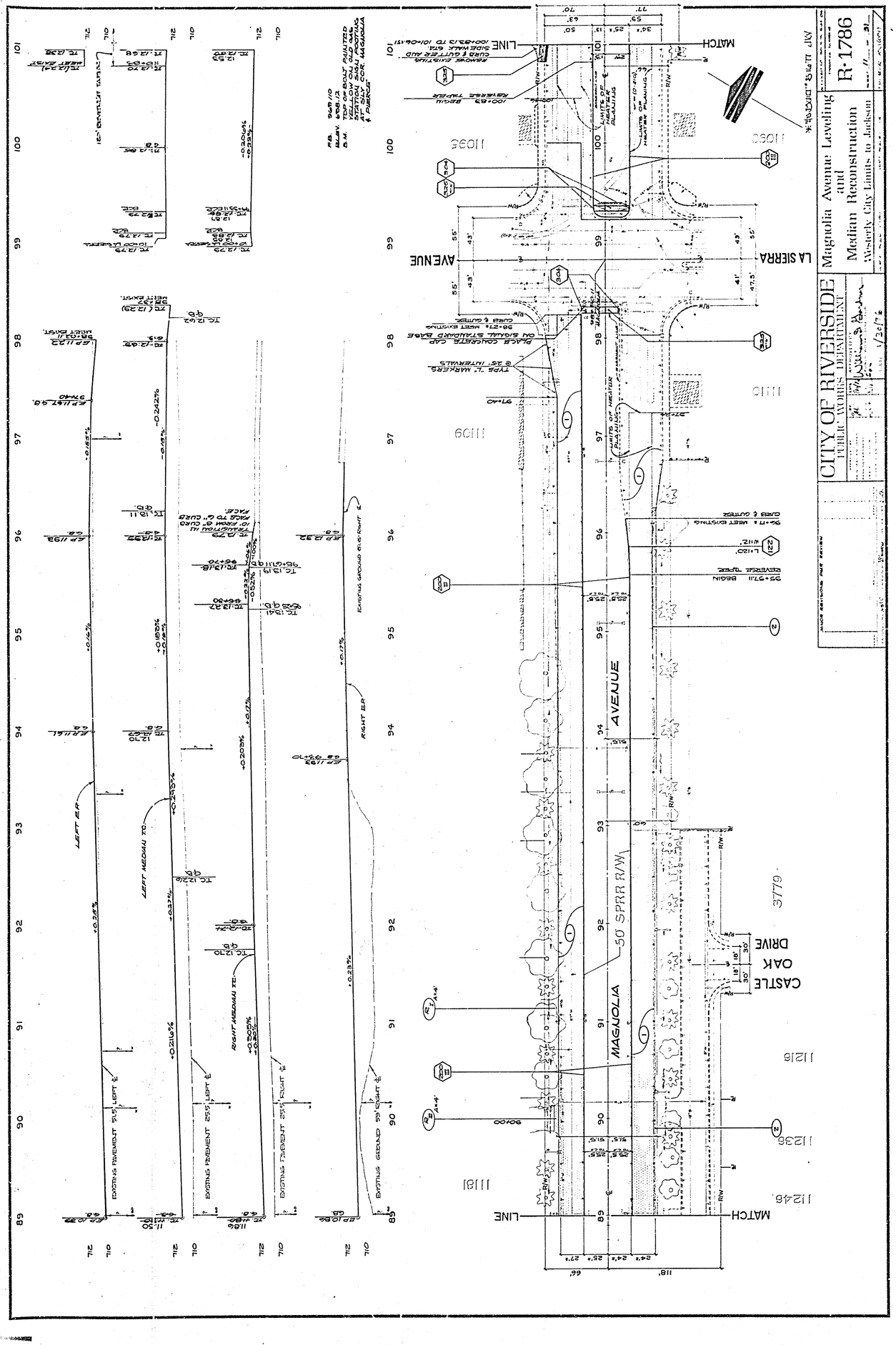
EXISTING PAVEMENT 51.5' TO 60' LEFT ℄
PAVEMENT GRADE AT 51.5' LEFT
LEFT MEDIAN TC
EXISTING GROUND LINE 25.5' LEFT ℄
EXISTING GROUND LINE 25.5' LEFT ℄
RIGHT MEDIAN TC
EXISTING PAVEMENT 25.5' RIGHT ℄
EXISTING PAVEMENT 51.5' RIGHT
PAVEMENT GRADE AT 51.5' RIGHT
F.B.
ELEV. 698.12
B.M. TOP OF BOLT PAINTED YELLOW ON OLD GAS STATION SIGN FOOTING AT SLY COR. MAGNOLIA & PIERCE
RIVERSIDE
STATE
FREEWAY
HIGHWAY 91
MAGNOLIA
AVENUE
50' SPRR R/W
LIMITS OF HEATER PLANING
FEATHER TO THIS LINE IN 6 FEET
STATE R/W
MATCH LINE
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786

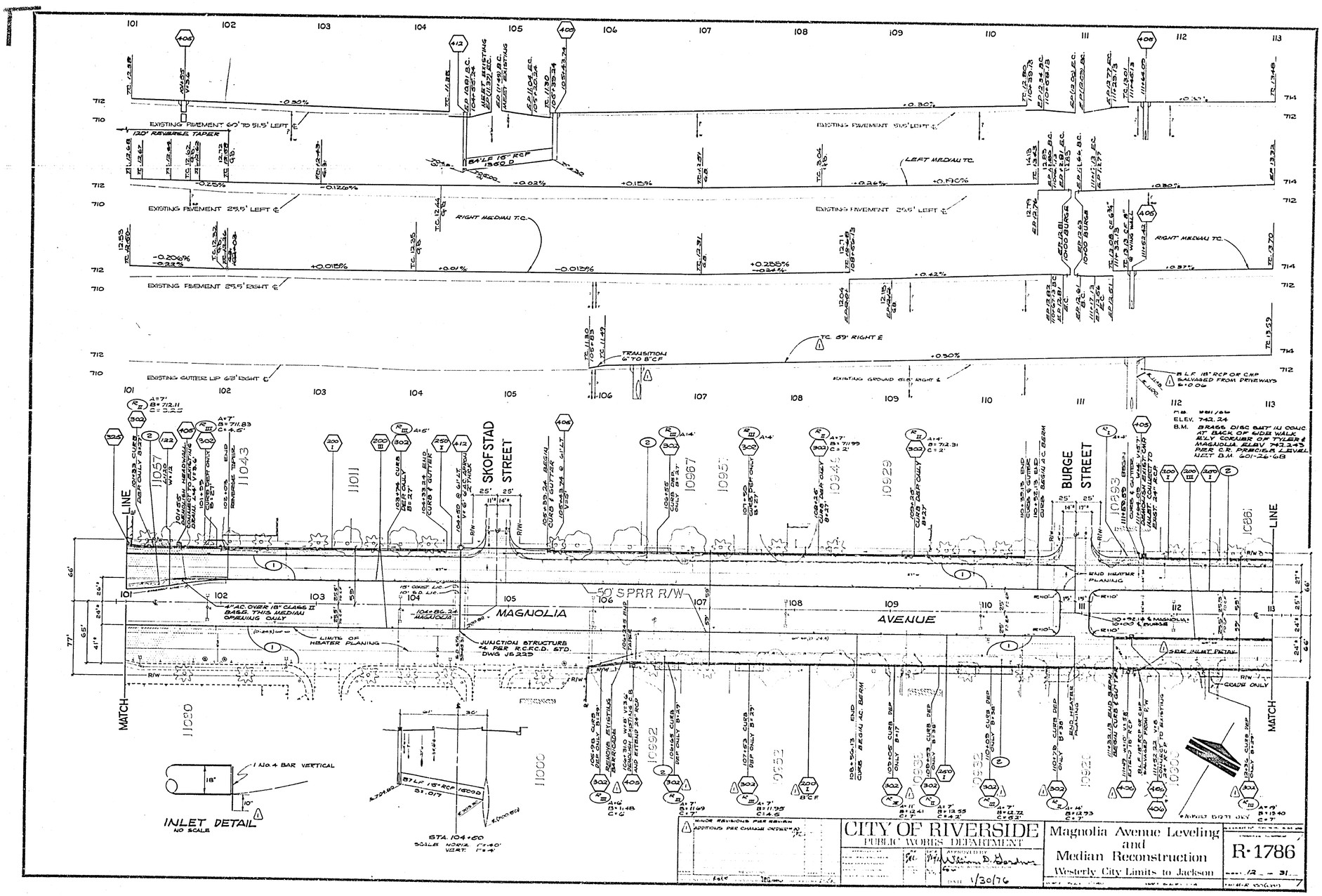


LEFT E.P.
LEFT MEDIAN T.C.
LEFT MEDIAN E.P.
RIGHT MEDIAN T.C.
RIGHT E.P.
EXISTING PAVEMENT 51.5' LEFT ℄
EXISTING PAVEMENT 25.5' LEFT ℄
EXISTING PAVEMENT 25.5' RIGHT ℄
EXISTING GROUND 51.5' RIGHT ℄
MAGNOLIA
AVENUE
50' SPRR R/W
SIMMONS AVENUE
FILLMORE STREET
MATCH LINE
100' CONTROL SECTION
½" ADDITIONAL AC. OVERLAY IN LIEU OF RUBBER ASPHALT SEAL COAT.
CURB DEP. ONLY
ELEV. 698.12
B.M. TOP OF BOLT PAINTED YELLOW ON OLD GAS STATION SIGN FOOTING AT SLY COR. MAGNOLIA & PIERCE
MINOR REVISIONS PER REVIEW
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
1/20/76
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786

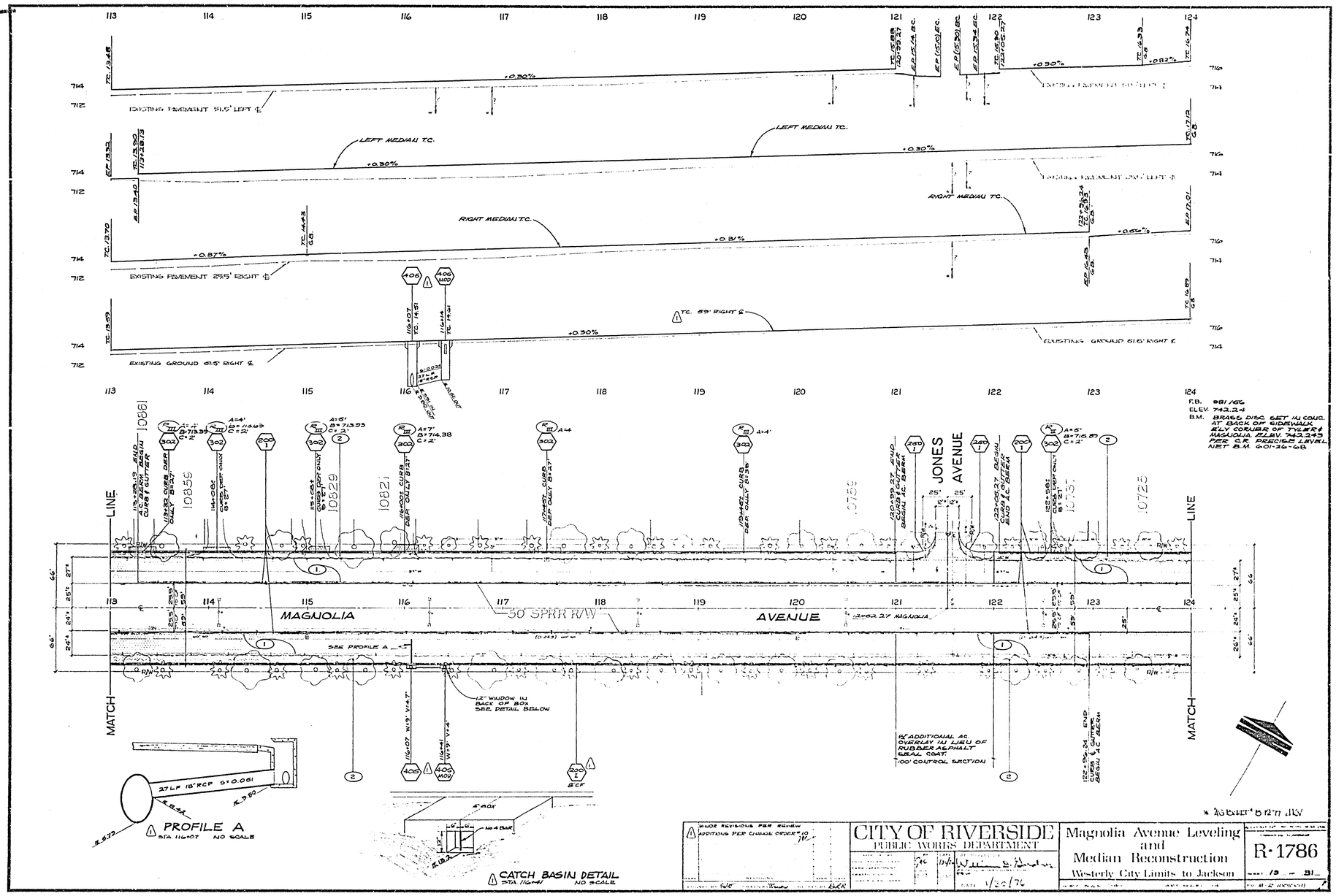


LEFT E.P.
LEFT MEDIAN T.C.
RIGHT MEDIAN T.C.
RIGHT E.P.
EXISTING PAVEMENT 51.5' LEFT ℄
EXISTING PAVEMENT 25.5' LEFT ℄
EXISTING PAVEMENT 25.5' RIGHT ℄
EXISTING GROUND 51.5' RIGHT ℄
GOLDEN AVENUE
MAGNOLIA AVENUE
50' SPRR R/W
MATCH LINE
SKYLARK DRIVE
10' S EASEMENT
F.B.
ELEV. 698.12
B.M. TOP OF BOLT PAINTED YELLOW ON OLD GAS STATION SIGN FOOTING AT S'LY COR. MAGNOLIA & PIERCE
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786
1/30/76


CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786
MAGNOLIA AVENUE
LA SIERRA AVENUE
CASTLE OAK DRIVE
50' SPRR R/W
MATCH LINE
3779



EXISTING PAVEMENT 60' TO 51.5' LEFT ℄
120' REVERSE TAPER
EXISTING PAVEMENT 51.5' LEFT ℄
LEFT MEDIAN T.C.
EXISTING PAVEMENT 25.5' LEFT ℄
RIGHT MEDIAN T.C.
EXISTING PAVEMENT 25.5' RIGHT ℄
TC. 59' RIGHT ℄
TRANSITION 6" TO 8" CF
EXISTING GUTTER LIP 63' RIGHT ℄
EXISTING GROUND 61.5' RIGHT ℄
SKOFSTAD STREET
BURGE STREET
MAGNOLIA AVENUE
50' SPRR R/W
LINE
MATCH
4" AC. OVER 18" CLASS II BASE. THIS MEDIAN OPENING ONLY
LIMITS OF HEATER PLANING
JUNCTION STRUCTURE #4 PER R.C.F.C.D. STD. DWG J5229
END HEATER PLANING
GRADE ONLY
INLET DETAIL
NO SCALE
1 No. 4 BAR VERTICAL
STA. 104+60
SCALE HORIZ. 1"=40'
VERT. 1"=4'
MINOR REVISIONS PER REVIEW
ADDITIONS PER CHANGE ORDER #10
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
APPROVED BY
DATE 1/30/76
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786



EXISTING PAVEMENT 51.5' LEFT ℄
LEFT MEDIAN T.C.
RIGHT MEDIAN T.C.
EXISTING PAVEMENT 25.5' RIGHT ℄
EXISTING GROUND 61.5' RIGHT ℄
TC. 59' RIGHT ℄
F.B. 981/66
ELEV. 742.24
B.M. BRASS DISC SET IN CONC. AT BACK OF SIDEWALK ELY CORNER OF TYLER & MAGNOLIA ELEV. 742.243 PER C.R. PRECISE LEVEL NET B.M. 601-26-68
JONES AVENUE
MAGNOLIA AVENUE
50' SPRR R/W
MATCH LINE
SEE PROFILE A
12" WINDOW IN BACK OF BOX SEE DETAIL BELOW
1½" ADDITIONAL AC. OVERLAY IN LIEU OF RUBBER ASPHALT SEAL COAT.
100' CONTROL SECTION
PROFILE A
STA 116+07 NO SCALE
CATCH BASIN DETAIL
STA 116+41 NO SCALE
MINOR REVISIONS PER REVIEW
ADDITIONS PER CHANGE ORDER #10
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
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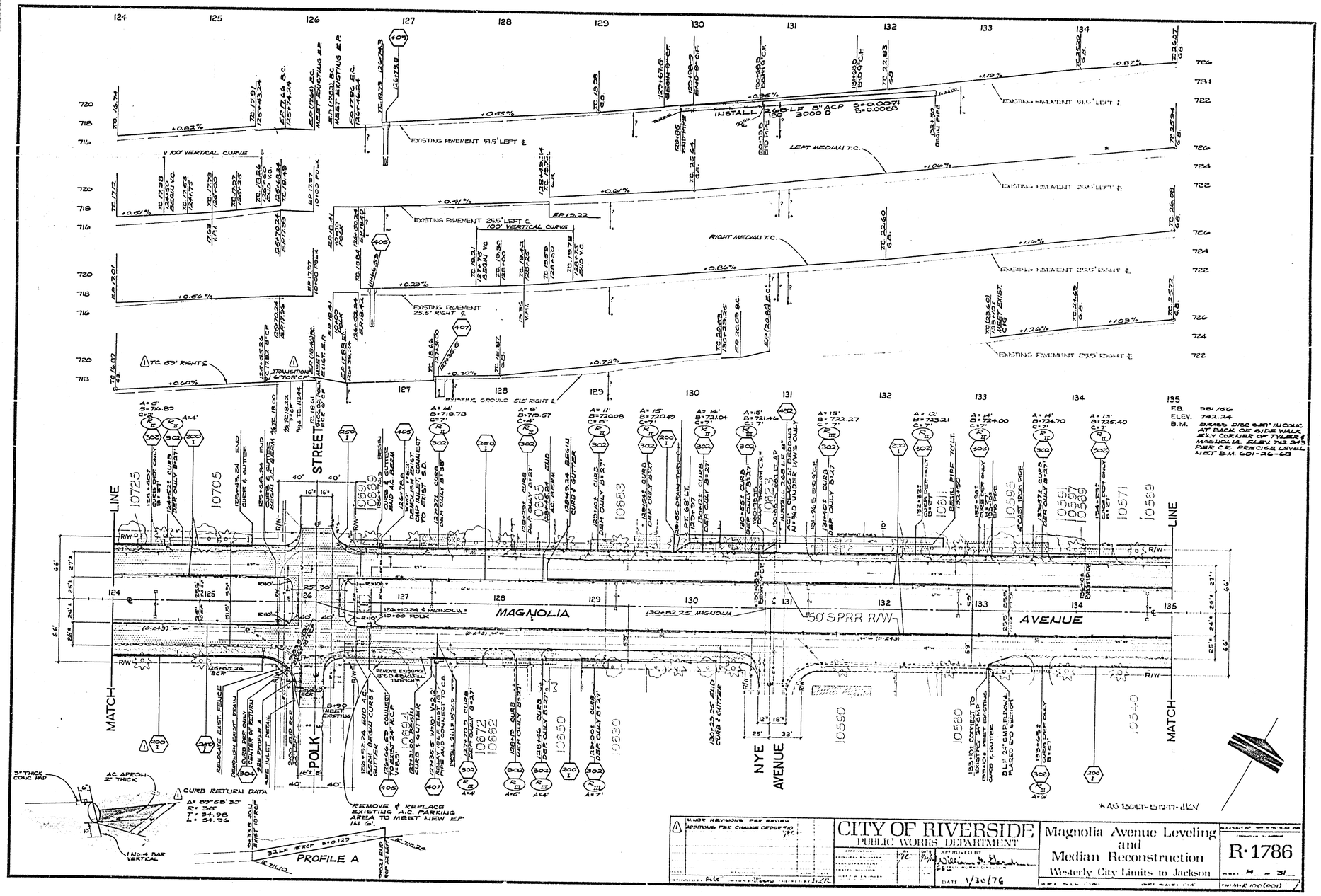

MAGNOLIA
AVENUE
POLK
STREET
NYE
AVENUE
MATCH
LINE
LEFT MEDIAN T.C.
RIGHT MEDIAN T.C.
EXISTING PAVEMENT 51.5' LEFT ℄
EXISTING PAVEMENT 25.5' LEFT ℄
EXISTING PAVEMENT 25.5' RIGHT ℄
100' VERTICAL CURVE
INSTALL 268 LF 8" ACP
CURB RETURN DATA
PROFILE A
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
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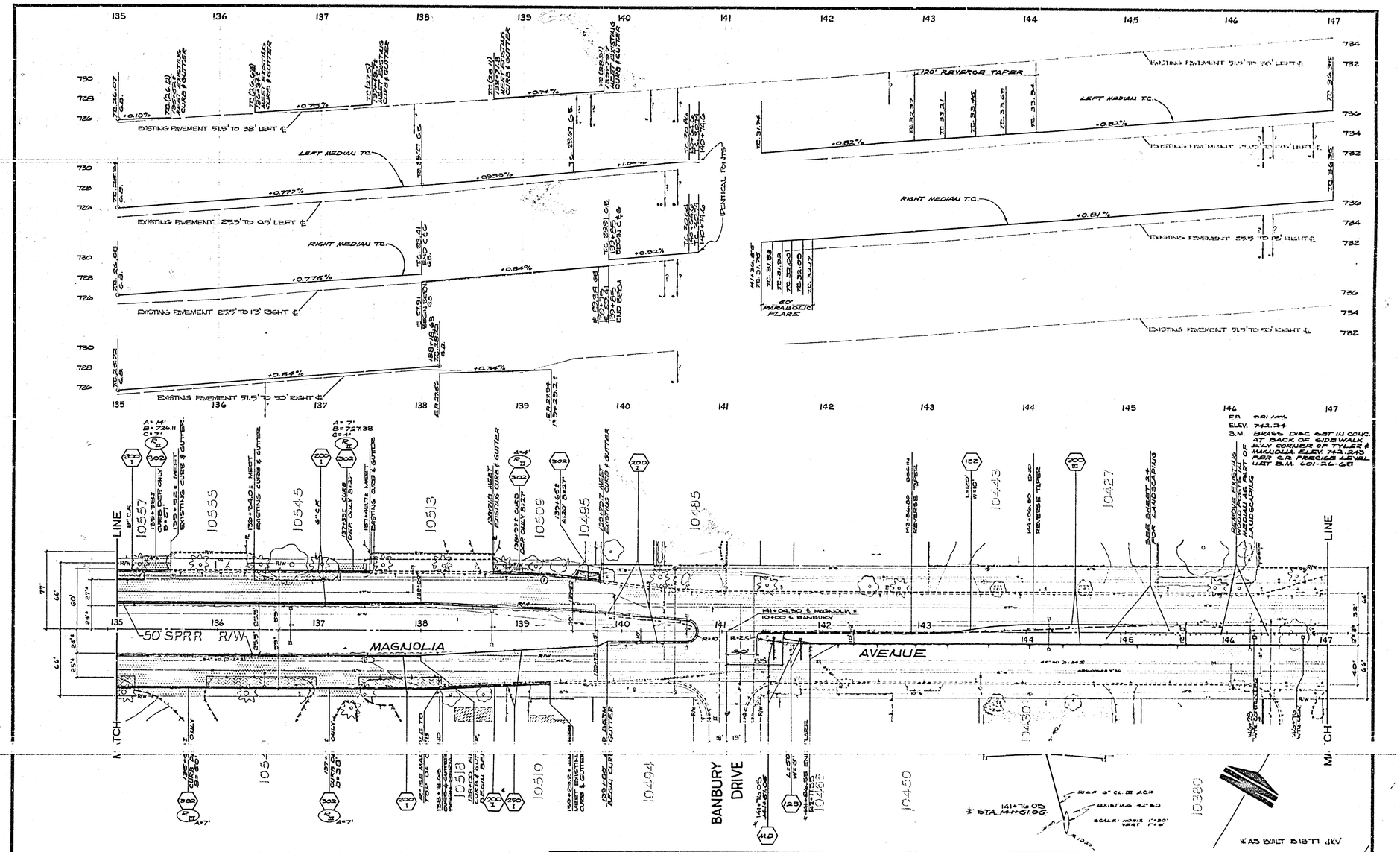

CURVE DATA				
○	R	Δ	T	L
①	1000'	6°19'32"	55.26'	110.40'

MINOR PAVISIONS PER REVIEW

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY William D. Gardner
PUBLIC WORKS DIRECTOR

DATE 1/30/76

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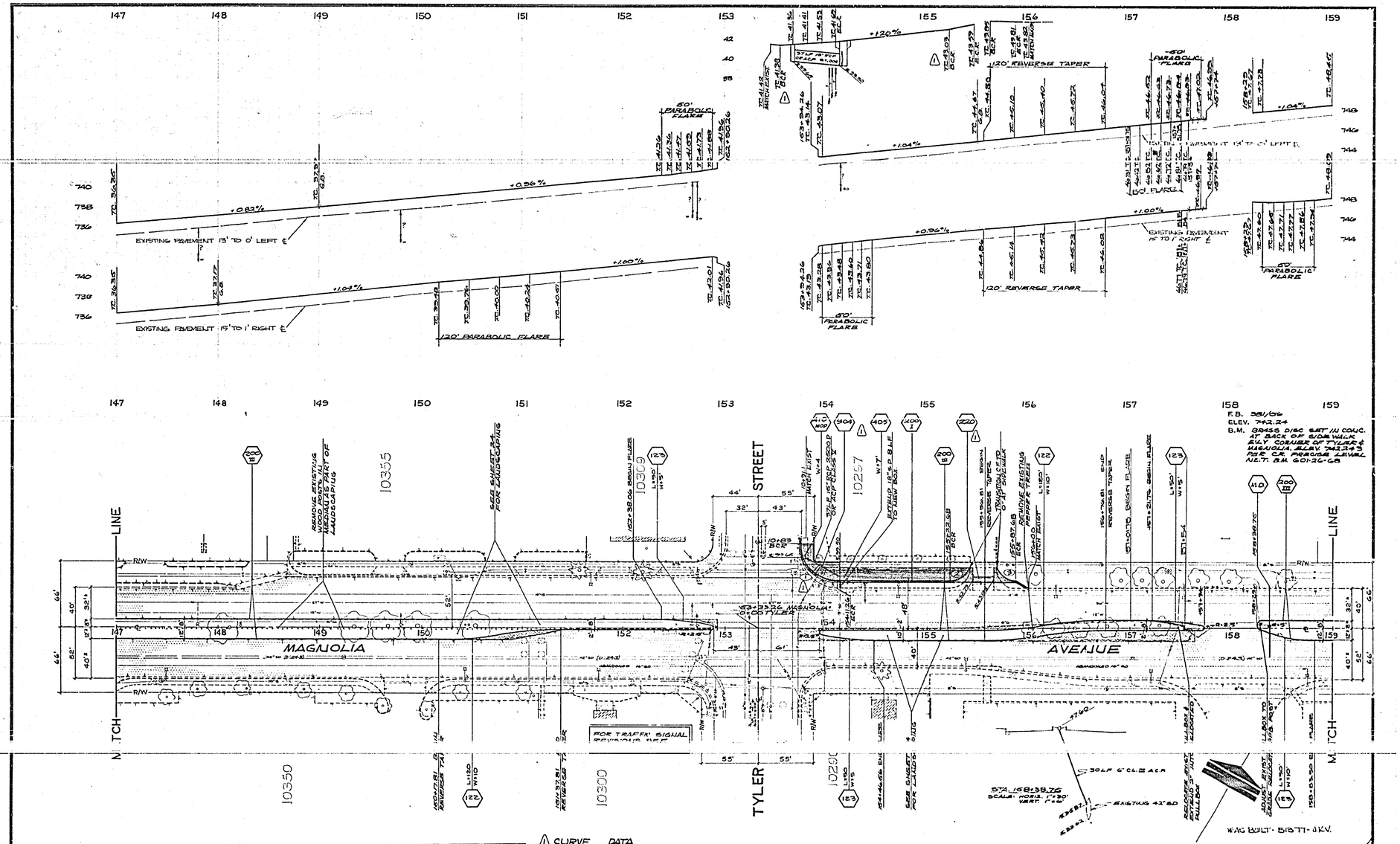

CURVE DATA

CURVE	Δ	R	T	L
1	90°00'00"	35'	35'	54.95'
2	69°26'38"	20'	13.86'	24.24'
3	69°26'38"	20'	13.86'	24.24'

-CAUTION-
PACIFIC TELEPHONE CABLES UNDERGROUND BEFORE EXCAVATING
CALL COLLECT:
7:30 A.M. to 5 P.M. After Hours & Holidays
Orange County 714 623-0933 714 547-6606
Riverside County 714 684-0033 714 547-6606
FOR FREE CABLE LOCATING SERVICE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY
William S. Gardner
PUBLIC WORKS DIRECTOR
DATE 1/30/76

Magnolia Avenue Leveling and Median Reconstruction
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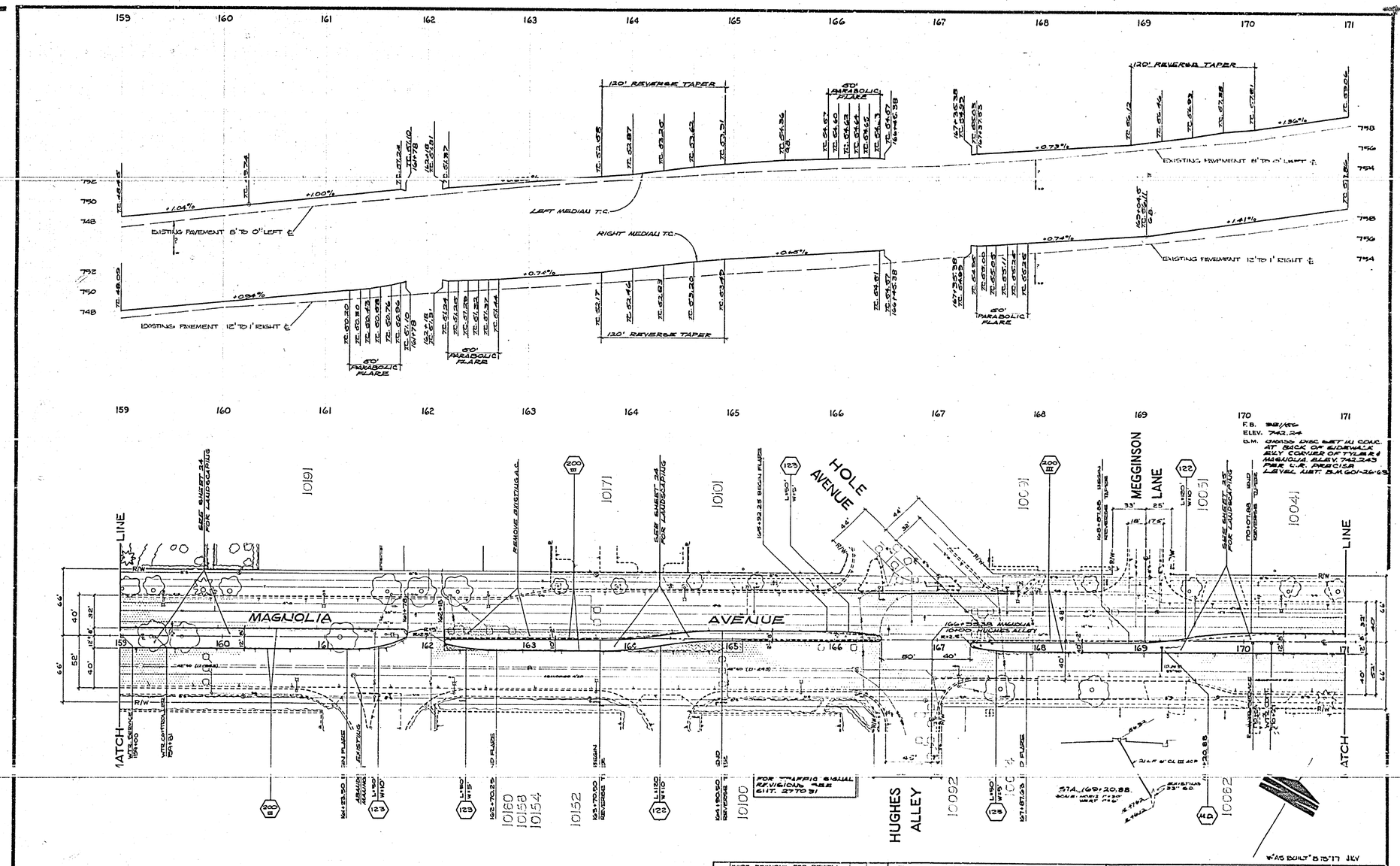
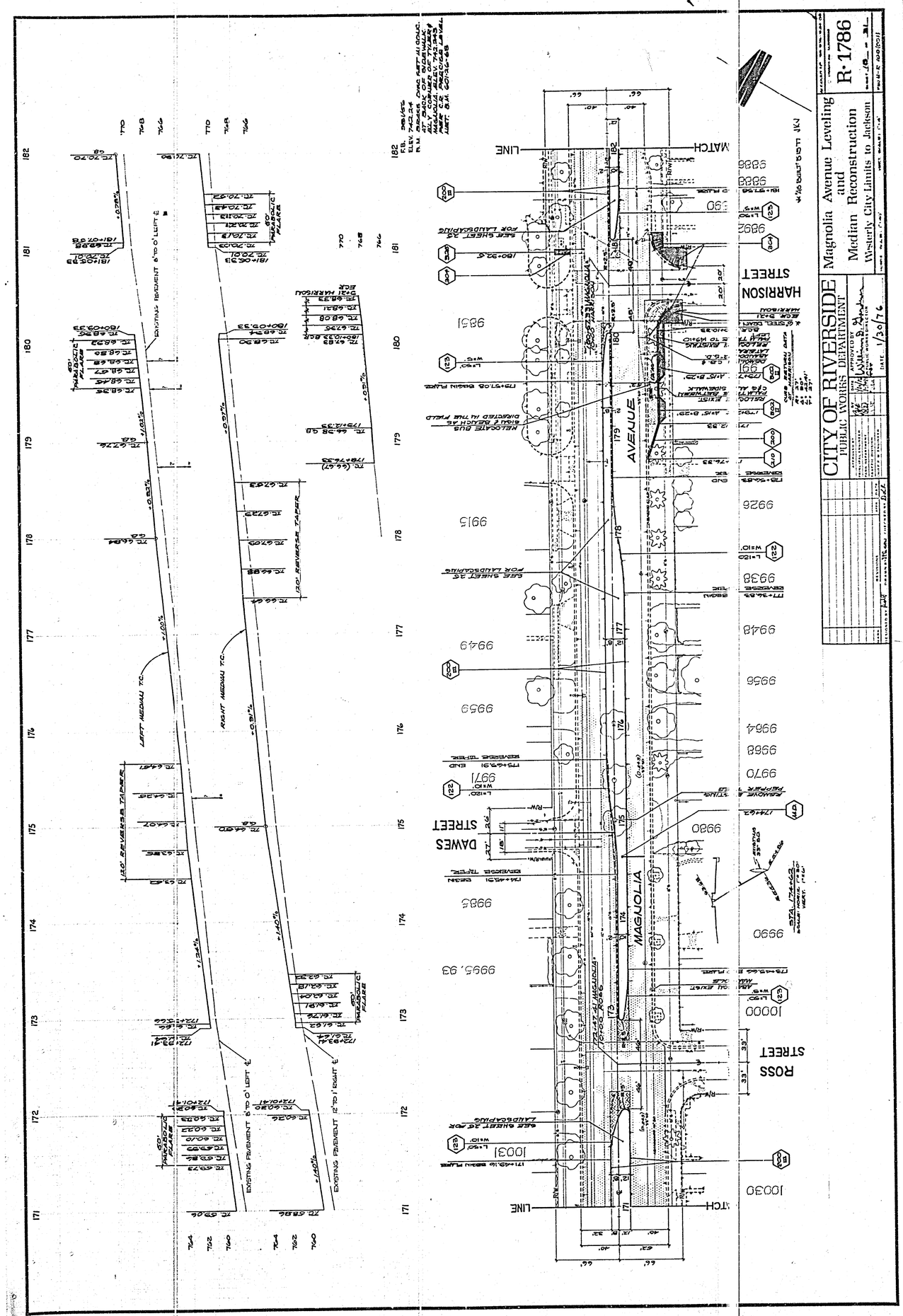
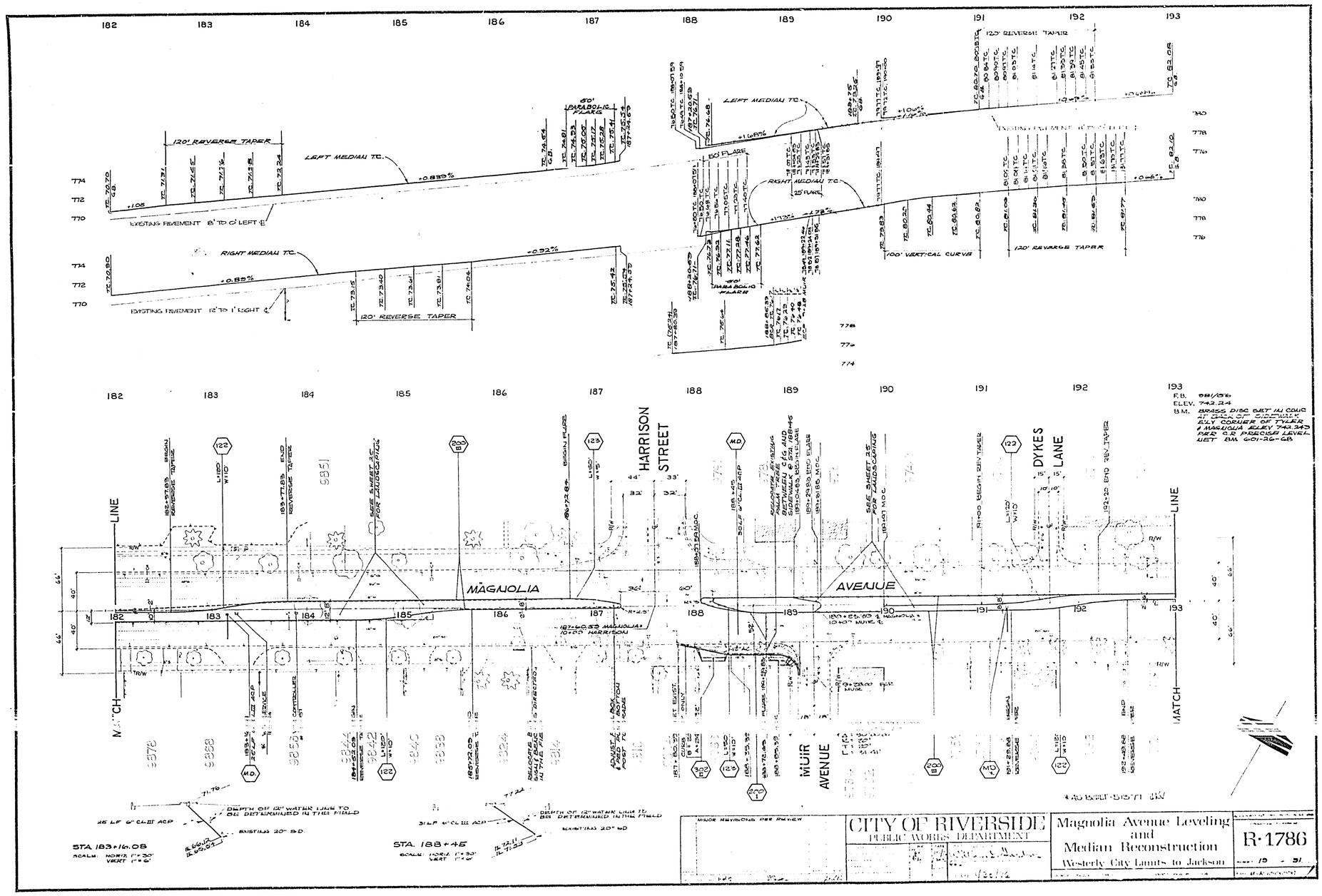
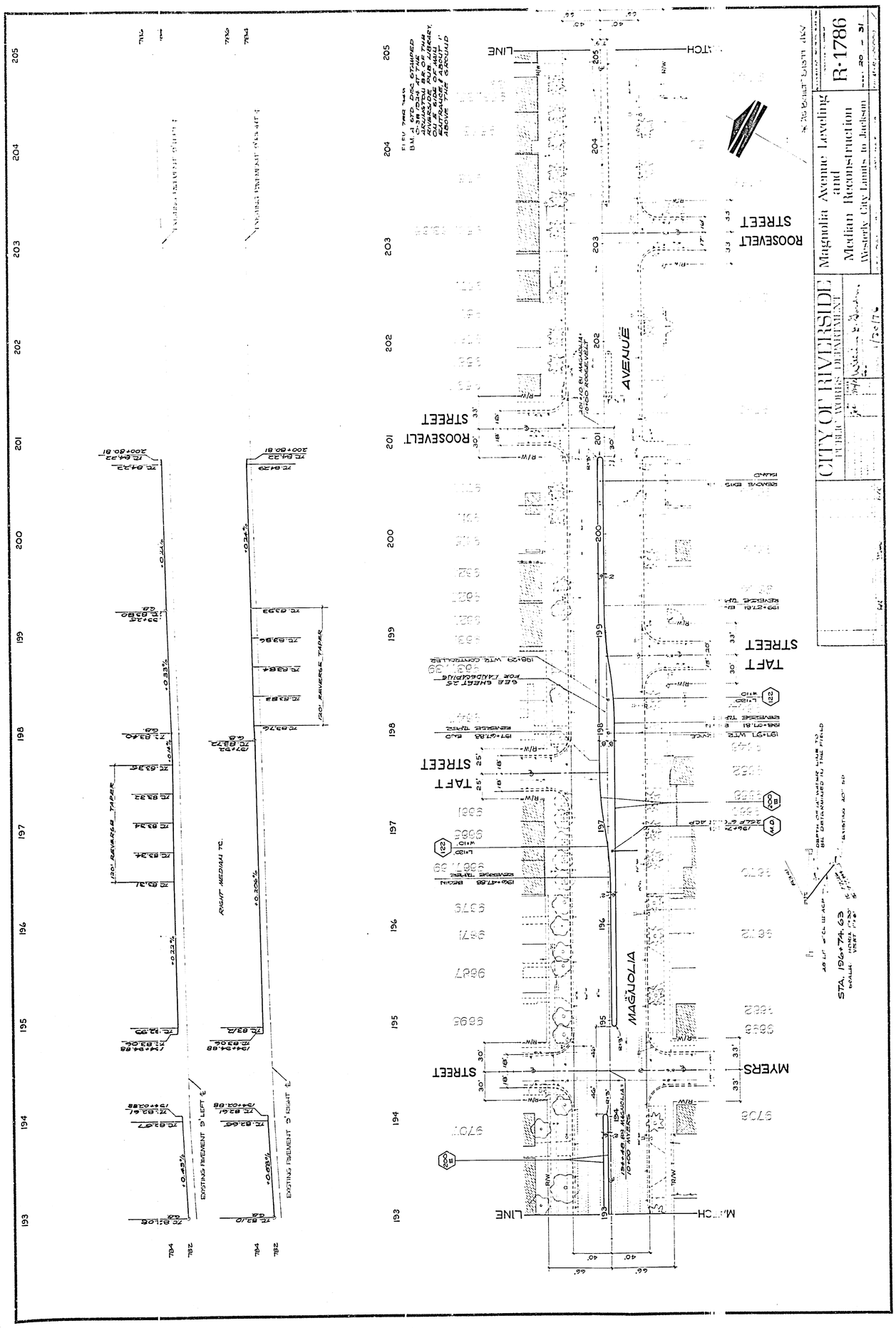


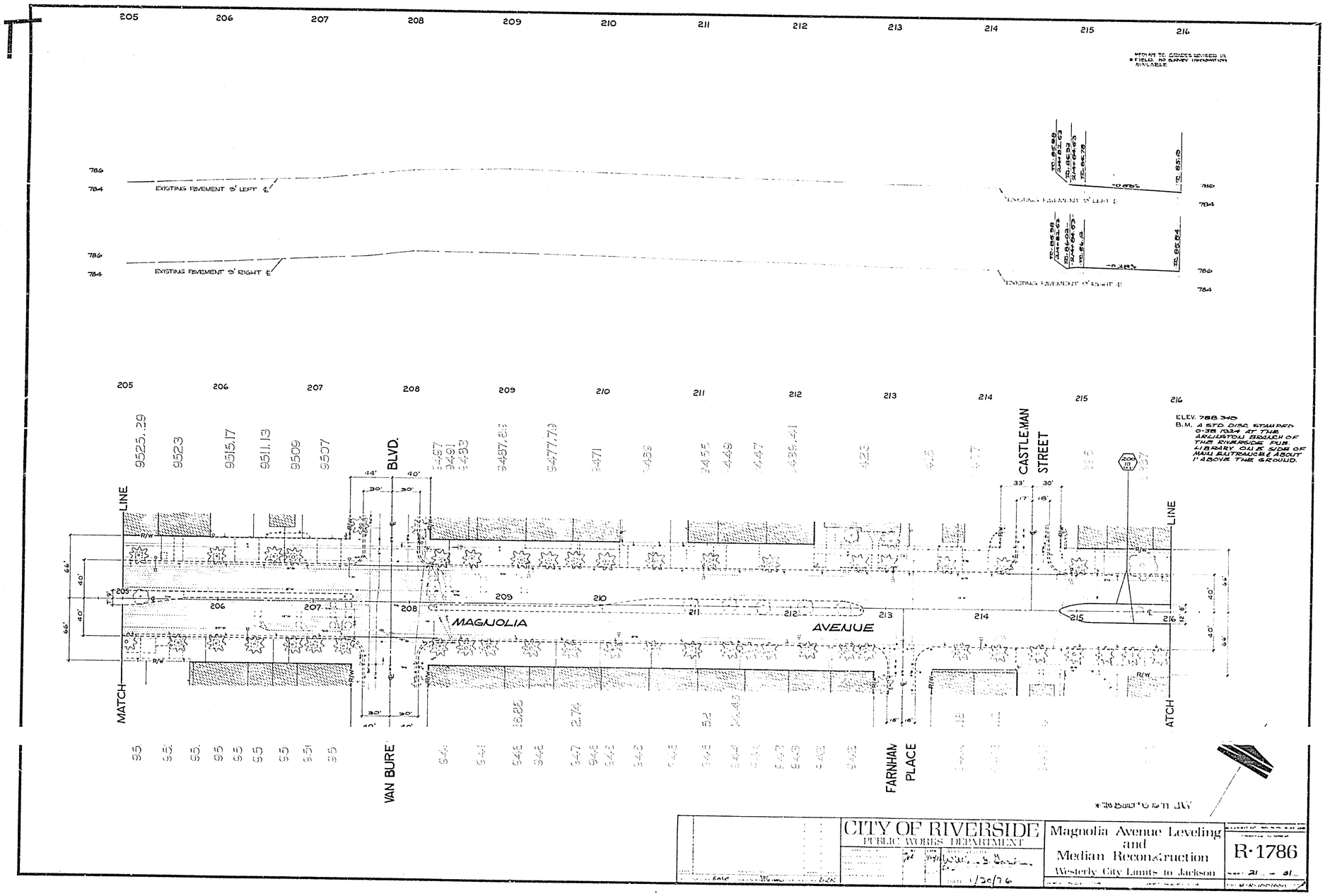
MINOR REVISIONS PER REVIEW	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	Magnolia Avenue Leveling and Median Reconstruction Westerly City Limits to Jackson	R-1786
	APPROVED BY William D. Gardner, PUBLIC WORKS DIRECTOR		
	DATE 1/30/76		


CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786
DATE 1/30/76
MAGNOLIA AVENUE
HARRISON STREET
DAWES STREET
ROSS STREET
MATCH LINE
EXISTING PAVEMENT 6" TO 0' LEFT ℄
EXISTING PAVEMENT 12" TO 1' RIGHT ℄
LEFT MEDIAN T.C.
RIGHT MEDIAN T.C.
120' REVERSE TAPER
SEE SHEET 25 FOR LANDSCAPING

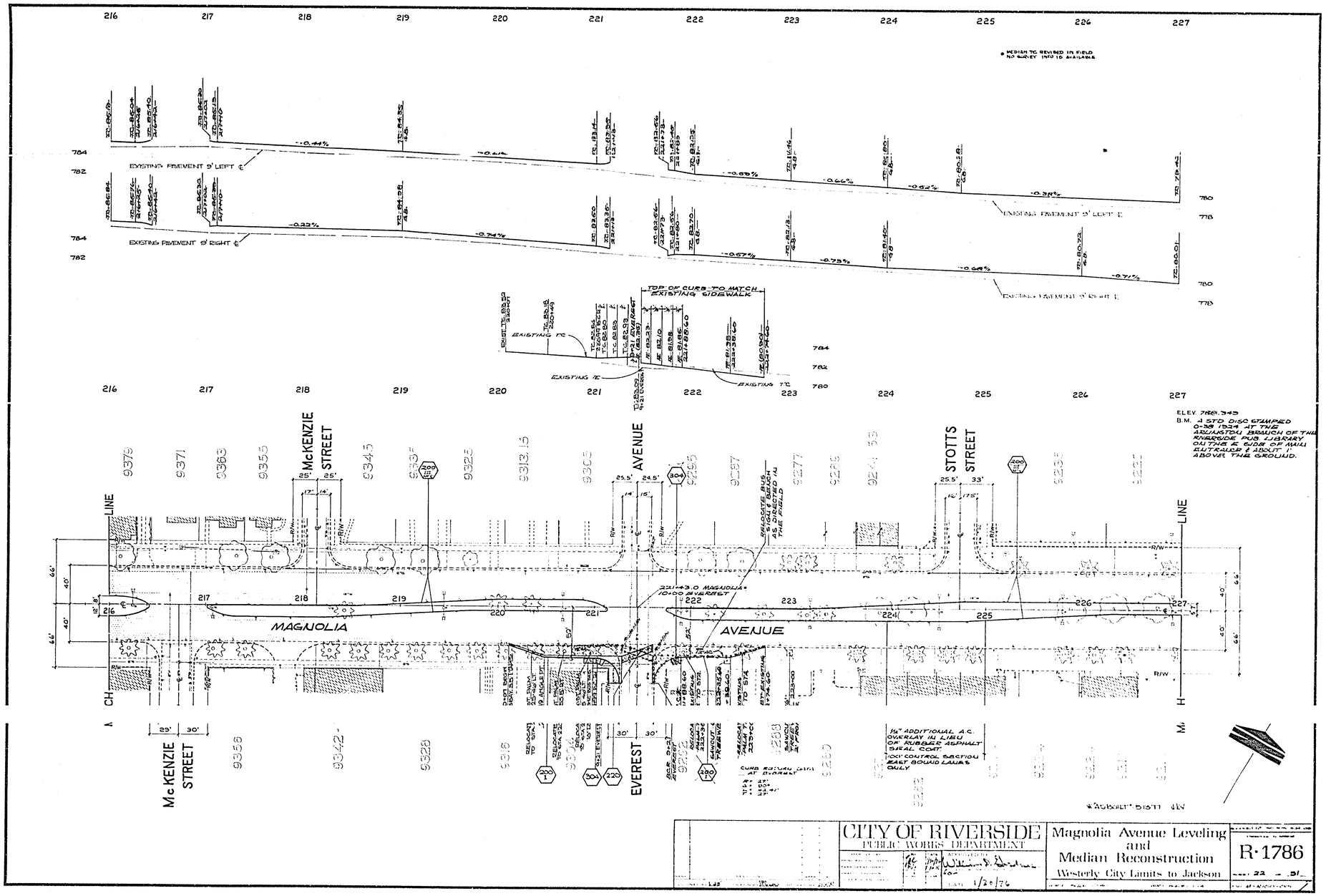


LEFT MEDIAN T.C.
RIGHT MEDIAN T.C.
120' REVERSE TAPER
EXISTING PAVEMENT 8' TO 0' LEFT ℄
EXISTING PAVEMENT 12' TO 1' RIGHT ℄
50' PARABOLIC FLARE
25' FLARE
100' VERTICAL CURVE
HARRISON STREET
DYKES LANE
MAGNOLIA AVENUE
MUIR AVENUE
MATCH LINE
F.B. 981/56
ELEV. 742.24
B.M. BRASS DISC SET IN CONC AT BACK OF SIDEWALK ELY CORNER OF TYLER & MAGNOLIA ELEV 742.243 PER C.R. PRECISE LEVEL NET BM 601-26-68
STA. 183+16.08
STA. 188+45
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786


CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786
MAGNOLIA AVENUE
ROOSEVELT STREET
TAFT STREET
MYERS STREET
EXISTING PAVEMENT 9' LEFT ℄
EXISTING PAVEMENT 9' RIGHT ℄
RIGHT MEDIAN TC.
STA. 196+74.63



205
206
207
208
209
210
211
212
213
214
215
216
EXISTING PAVEMENT 9' LEFT ℄
EXISTING PAVEMENT 9' RIGHT ℄
786
784
MEDIAN TO GRADES REVISED IN FIELD. NO SURVEY INFORMATION AVAILABLE.
ELEV. 788.345
B.M. A STD. DISC STAMPED 0-38 1934 AT THE ARLINGTON BRANCH OF THE RIVERSIDE PUB. LIBRARY ON E SIDE OF MAIN ENTRANCE & ABOUT 1' ABOVE THE GROUND.
9525.29
9523
9515.17
9511.13
9509
9507
9487.83
9477.79
9471
9455
9449
9447
9439.41
9423
9457
9491
9483
9487.83
9477.79
9471
9489
9455
9449
9447
9439.41
9423
9415
9417
9415
9387
BLVD.
CASTLEMAN STREET
MAGNOLIA
AVENUE
MATCH LINE
VAN BUREN
FARNHAM PLACE
R/W
44'
40'
30'
33'
17'
18'
66'
12'8"
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786
DATE 1/30/76



MEDIAN TC REVISED IN FIELD
NO SURVEY INFO IS AVAILABLE
EXISTING PAVEMENT 9' LEFT ℄
EXISTING PAVEMENT 9' RIGHT ℄
TOP OF CURB TO MATCH EXISTING SIDEWALK
EXISTING TC
ELEV. 788.345
B.M. A STD DISC STAMPED 0-38 1924 AT THE ARLINGTON BRANCH OF THE RIVERSIDE PUB. LIBRARY ON THE E SIDE OF MAIN ENTRANCE & ABOUT 1' ABOVE THE GROUND.
McKENZIE STREET
AVENUE
STOTTS STREET
MAGNOLIA
AVENUE
EVEREST
LINE
RELOCATE BUS SIGN & BENCH AS DIRECTED IN THE FIELD
221+43.0 MAGNOLIA = 10+00 EVEREST
½" ADDITIONAL A.C. OVERLAY IN LIEU OF RUBBER ASPHALT SEAL COAT.
100' CONTROL SECTION EAST BOUND LANES ONLY.
CURB RETURN DATA AT EVEREST
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
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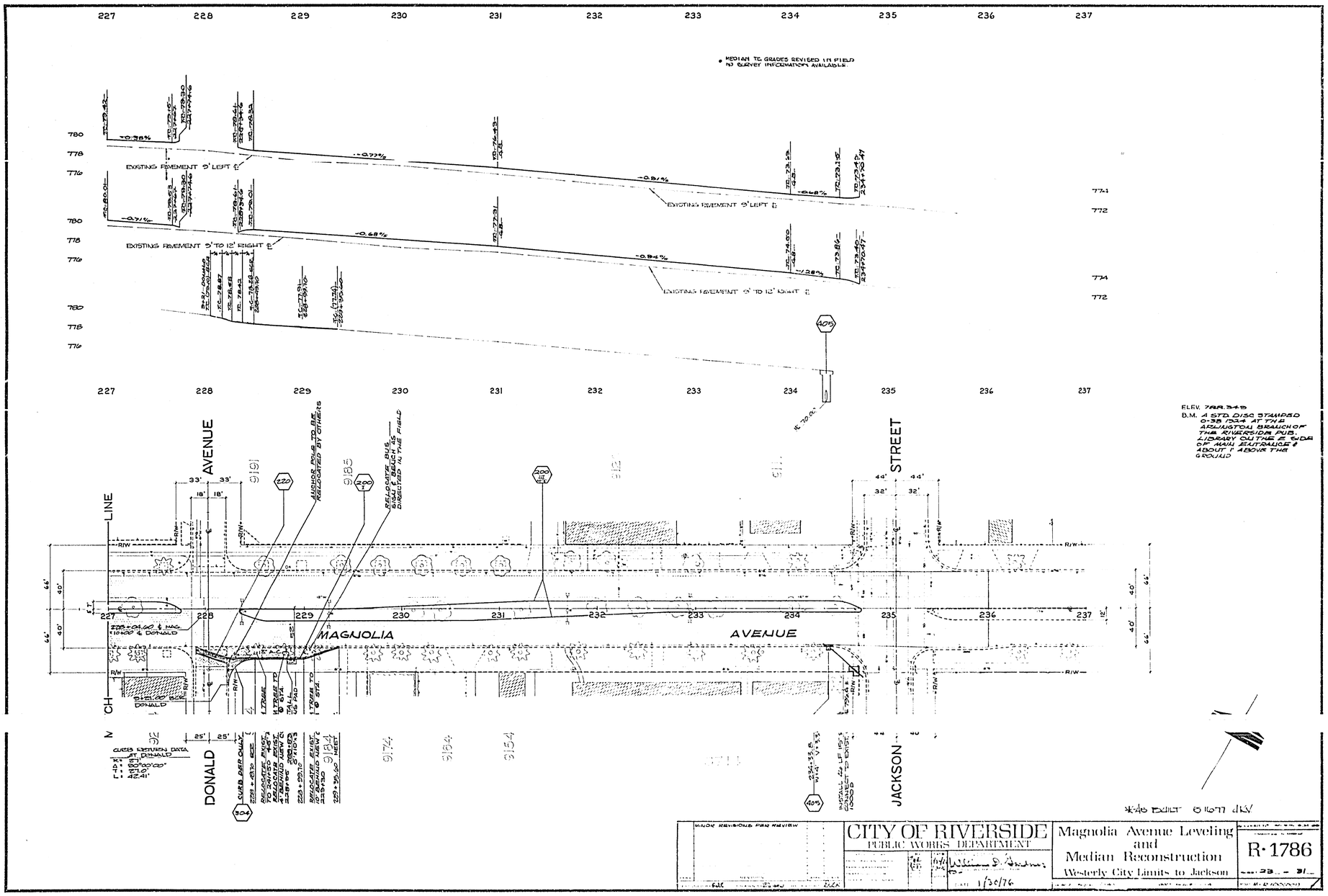
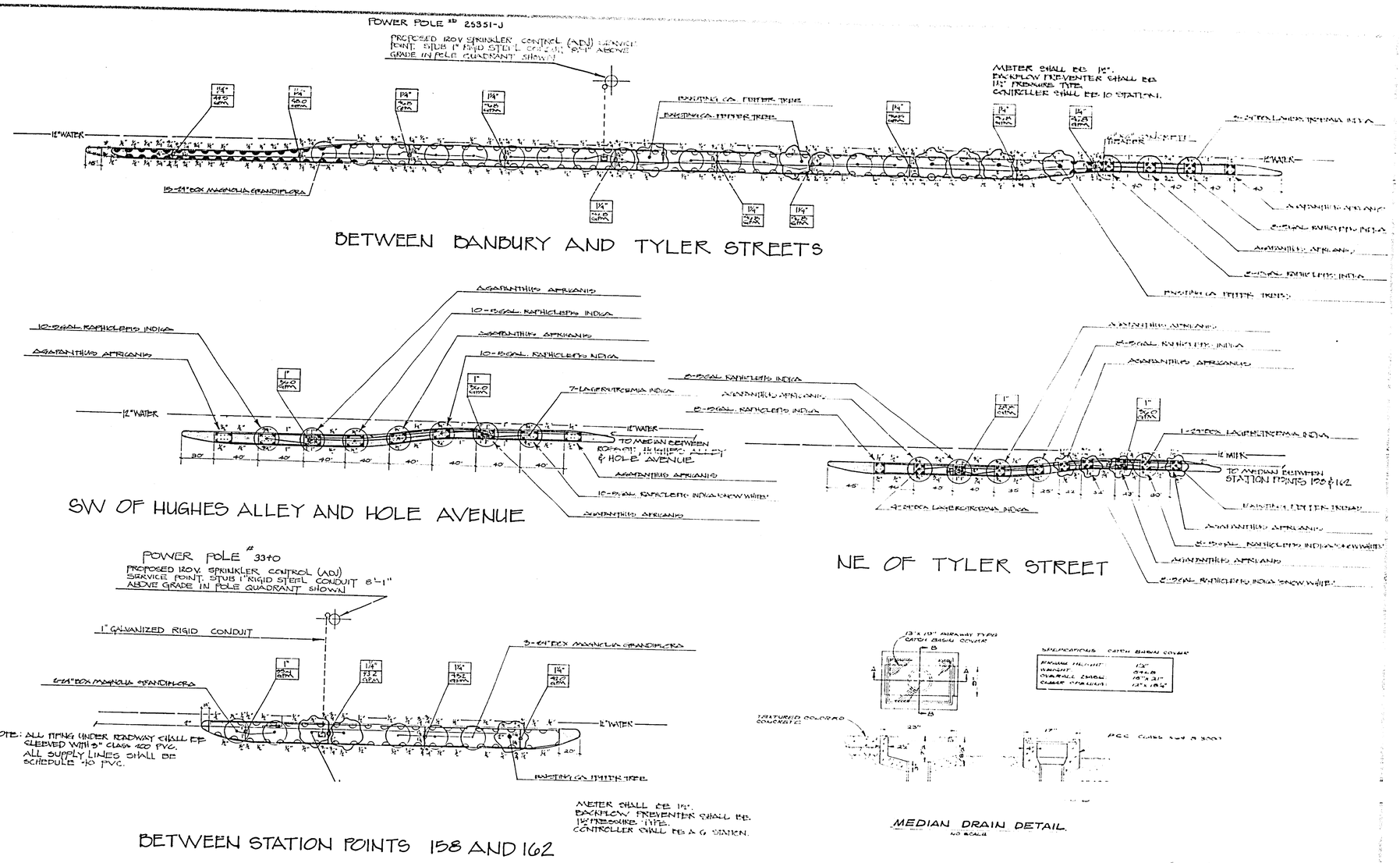
DATE 1/30/76



MEDIAN TC GRADES REVISED IN FIELD
NO SURVEY INFORMATION AVAILABLE
EXISTING PAVEMENT 9' LEFT ℄
EXISTING PAVEMENT 9' TO 12' RIGHT ℄
MAGNOLIA AVENUE
DONALD AVENUE
JACKSON STREET
ELEV. 788.345
B.M. A STD. DISC STAMPED 0-38 1924 AT THE ARLINGTON BRANCH OF THE RIVERSIDE PUB. LIBRARY ON THE E SIDE OF MAIN ENTRANCE & ABOUT 1' ABOVE THE GROUND
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson
R-1786
1/30/76



MEDIAN DRAIN DETAIL
NO SCALE

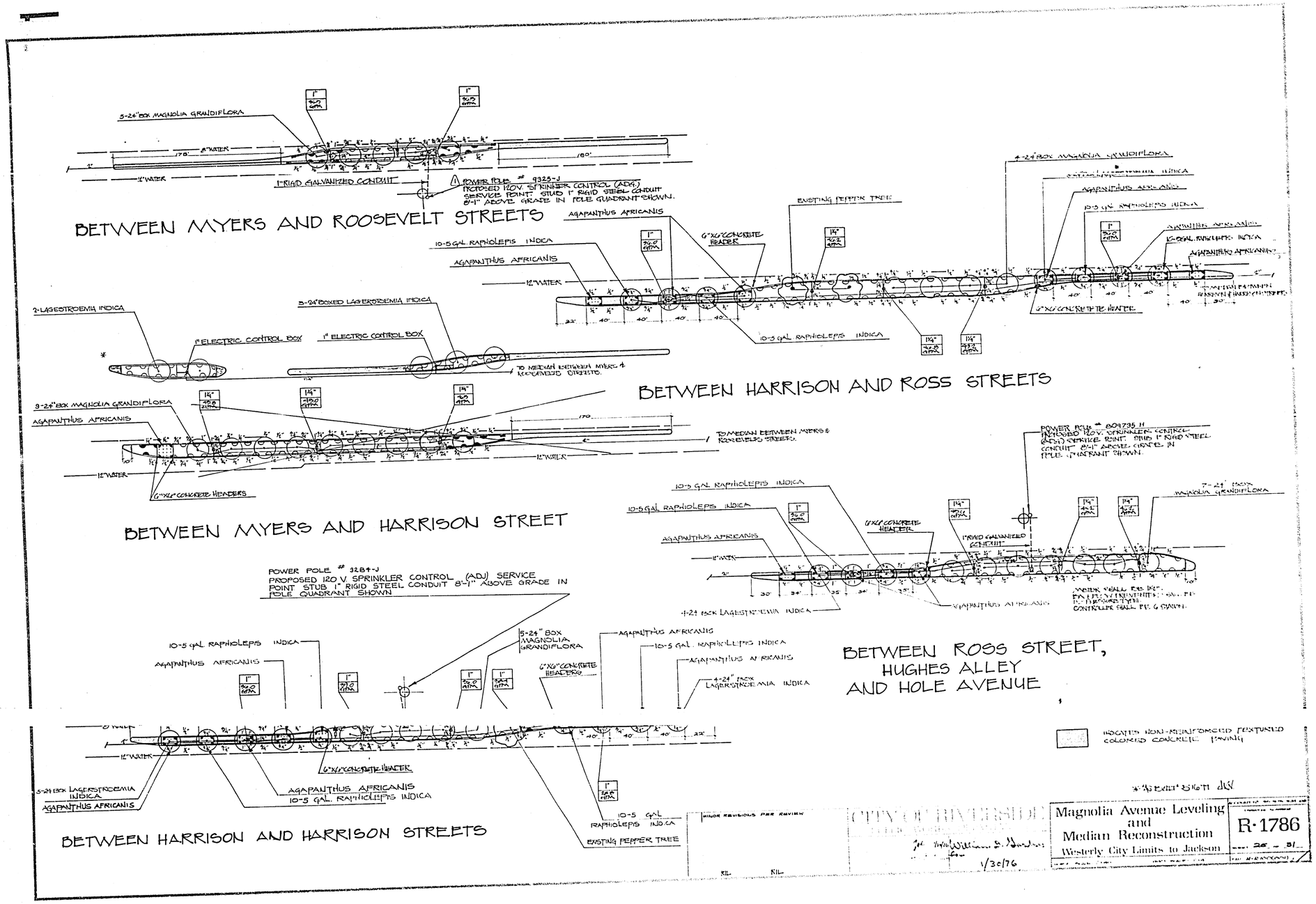
MINOR REVISIONS PER REVIEW

RL RL

1/30/76

Magnolia Avenue Leveling and Median Reconstruction
Westerly City Limits to Jackson

R-1786



5-24" BOX MAGNOLIA GRANDIFLORA
1" RIGID GALVANIZED CONDUIT
POWER POLE # 9325-J
PROPOSED 120V. SPRINKLER CONTROL (ADJ.) SERVICE POINT. STUB 1" RIGID STEEL CONDUIT 8'-1" ABOVE GRADE IN POLE QUADRANT SHOWN.
BETWEEN MYERS AND ROOSEVELT STREETS
AGAPANTHUS AFRICANIS
10-5 GAL. RAPHIOLEPIS INDICA
6"X6" CONCRETE HEADER
EXISTING PEPPER TREE
4-24" BOX MAGNOLIA GRANDIFLORA
2-LAGESTROEMIA INDICA
5-24" BOXED LAGERSTROEMIA INDICA
1" ELECTRIC CONTROL BOX
TO MEDIAN BETWEEN MYERS & ROOSEVELT STREETS.
BETWEEN HARRISON AND ROSS STREETS
9-24" BOX MAGNOLIA GRANDIFLORA
6"X6" CONCRETE HEADERS
BETWEEN MYERS AND HARRISON STREET
POWER POLE # 809735 H
PROPOSED 120V. SPRINKLER CONTROL (ADJ.) SERVICE POINT. STUB 1" RIGID STEEL CONDUIT 8'-1" ABOVE GRADE IN POLE QUADRANT SHOWN.
7-24" BOX MAGNOLIA GRANDIFLORA
1" RIGID GALVANIZED CONDUIT
4-24" BOX LAGERSTROEMIA INDICA
BETWEEN ROSS STREET, HUGHES ALLEY AND HOLE AVENUE
POWER POLE # 3284-J
PROPOSED 120 V. SPRINKLER CONTROL (ADJ) SERVICE POINT STUB 1" RIGID STEEL CONDUIT 8'-1" ABOVE GRADE IN POLE QUADRANT SHOWN
5-24" BOX MAGNOLIA GRANDIFLORA
6"X6" CONCRETE HEADERS
4-24" BOX LAGERSTROEMIA INDICA
5-24" BOX LAGERSTROEMIA INDICA
10-5 GAL. RAPHIOLEPIS INDICA
EXISTING PEPPER TREE
BETWEEN HARRISON AND HARRISON STREETS
INDICATES NON-REINFORCED TEXTURED COLORED CONCRETE PAVING
MINOR REVISIONS PER REVIEW
CITY OF RIVERSIDE
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NOTES:

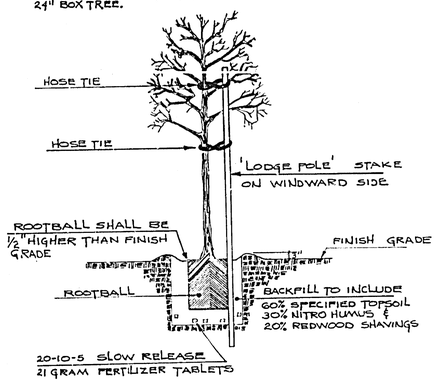
IN ALL PLANTING AREAS CULTIVATE THE SOIL TO A DEPTH OF 4" INCORPORATE THE FOLLOWING SOIL AMENDMENTS AT THE RATE OF: COMMERCIAL FERTILIZER 20 LBS. PER 1000 SQ FT. REDWOOD SHAVINGS (NITROGEN FORTIFIED) 2 CUBIC YARDS PER 1,000 SQ. FT.

ALL AREAS WITHIN THE MEDIANS EXCEPT WHERE THERE IS TEXTURED CONCRETE, AND THE PLANTER AREAS SHALL BE TURF. THE SEED MIXTURE SHALL CONSIST OF 25% KENTUCKY BLUE, 15% NEWPORT KENTUCKY BLUE, 30% RED FESCUE AND 30% ALTA. SOW AT THE RATE OF 8 LBS. PER 1,000 SQ FT. PRIOR TO SEEDING APPLY AN ADDITIONAL 10 LBS OF COMMERCIAL FERTILIZER PER 1,000 SQ FT AND RAKE INTO THE SOIL WITH SEED. AFTER SOWING TOP DRESS LAWN AREAS WITH 1 CUBIC YARD OF REDWOOD SHAVINGS PER 2,000 SQ FT. KEEP AREA CONTINUALLY MOIST UNTIL GERMINATION.

IN ALL THE PLANTER AREAS CULTIVATE SOIL AS INDICATED ABOVE. THE RAPHIOLEPIS INDICA 'SNOW WHITE' SHRUBS SHALL HAVE A PIT PREPARATION THAT SHALL INCLUDE 60% NATURAL SOIL & 40% NITRO HUMUS. INCORPORATE 20-10-5 SLOW RELEASE 5 GRAM FERTILIZER TABLETS AT THE RATE OF 1 PER PLANT FOR THE AGAPANTHUS AFRICANUS, & 1 PER PLANT FOR 'RAPIOLEPIS' INDICA 'SNOW WHITE.'

TREE PLANTING & STAKING DETAIL

PIT PREPARATION OF TREES SHALL INCLUDE 50% SPECIFIED TOP SOIL, 30% NITRO-HUMUS, & 20% REDWOOD SHAVINGS. INCORPORATE 20-10-5 21 GRAM SLOW RELEASE FERTILIZER TABLETS AT THE RATE OF 5 TABLETS PER 24" BOX TREE.



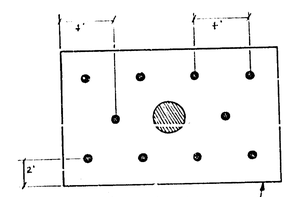
ALL TREES SHALL BE 24" BOX SIZE

NOTE: ON ALL LAGESTROEMIA INDICA TREES THE TYPE SHALL BE RED (RUBRA)

NOTE: ALL PIPING UNDER CONCRETE AND A.C. SHALL BE SLEEVED WITH SCHEDULE 40 PVC ONE SIZE LARGER THAN WATER LINE.

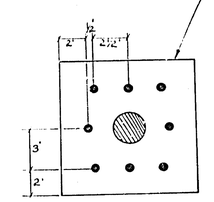
PLANTERS

TREE TYPE IS AS SPECIFIED PER PLANTER ON THE PLAN. THE RAPHIOLEPIS INDICA 'SNOW WHITE' SHALL BE SPACED AS SHOWN IN DETAIL. WHERE AGAPANTHUS AFRICANUS IS SPECIFIED ON THE PLAN IT IS TO BE SPACED 2' O.C. AGAPANTHUS AFRICANUS ALL TO BE 1 GAL INSTD.

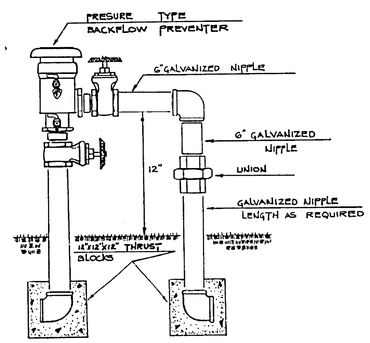


9'X16' PLANTER

SCALE 1"=4'

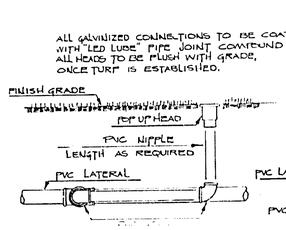


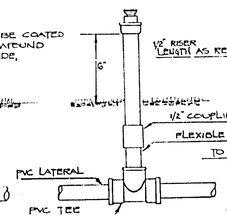
9'X9' PLANTER

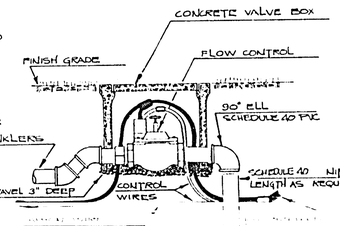


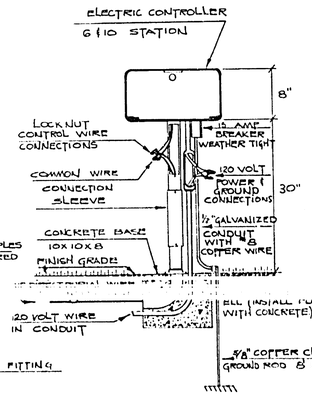
BACKFLOW PREVENTER UNIT

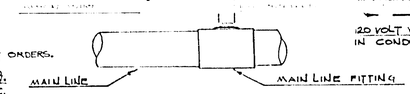
SPRINKLER LEGEND				
SYMBOL	DESCRIPTION	RAD.	GPM	PRESS.
	STANDARD ADJUSTABLE POP-UP AND SHRUB STRIP HEAD BRASS CONSTRUCTION	5'X32'	2.0	20
	STANDARD ADJUSTABLE POP-UP AND SHRUB HALF HEAD BRASS CONSTRUCTION	12'	2.5	20
	STANDARD ADJUSTABLE POP-UP AND SHRUB QUARTER HEAD BRASS CONSTRUCTION	12'	1.8	20
	OVERSIZE ADJUSTABLE POP-UP AND SHRUB HALF HEAD BRASS CONSTRUCTION	15'	3.6	30
	OVERSIZE ADJUSTABLE POP-UP AND SHRUB QUARTER HEAD BRASS CONSTRUCTION	15	3.0	30
	NORMALLY CLOSED ELECTRIC CONTROL VALVE WITH FLOW CONTROL ALLONS FOR MANUAL OPERATING ALL BRASS CONST.			200 PSI
C	ELECTRIC CONTROLLER 24 VOLT LOW VOLTAGE SHALL BE A 10 STATION PEDESTAL MOUNT.			
M	METER TO BE INSTALLED BY CITY, PAID FOR BY CONTRACTOR, SIZE INDICATED ON DWG.			
	BACKFLOW PREVENTER, PRESURE TYPE SIZE INDICATED ON DWG.			
	CLASS 200 PVC SIZE INDICATED ON DWG.			











NOTES:

THE CONTRACTOR SHALL CHECK WITH THE CITIES UTILITY DEPT. FOR ELECTRICAL SERVICE. THE CONTRACTOR SHALL INCLUDE ALL RED/RED ELECTRICAL WORK IN THE CONTRACT PRICE. CONTROLLER & VALVE WIRE SIZE SHALL BE #10 FOR COMMON WIRE & #14 FOR CONTROL WIRE. ALL ELECTRICAL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST PREVAILING CODES AND THE CALIF. ELECTRICAL SAFETY ORDERS. ALL CONDUCTORS SHALL BE 600 V. INSULATED. CONDUIT SHALL COMPLY WITH THE REQUIREMENTS OF THE UNDERWRITERS LABORATORIES. FITTINGS SHALL BE GALVANIZED. ALL ABOVE GROUND ELECTRIC UNITS SHALL BE "RAIN TIGHT". CONTROL WIRES ARE TO BE PLACED AT A DEPTH OF 18". ALL WIREING SHALL BE IN CONDUIT WHERE IT GOES UNDER A.C.

A 15 AMP WEATHER PROOF THERMAL CIRCUIT BREAKER SHALL BE INSTALLED ON THE CONTROLLER TO BREAK AN OVERLOAD CIRCUIT THAT MAY OCCURR, TO PREVENT DAMAGE TO WIREING & COMPONETS.

CITY OF RIVERSIDE

William D. Gardner
1/30/76

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26 - 31