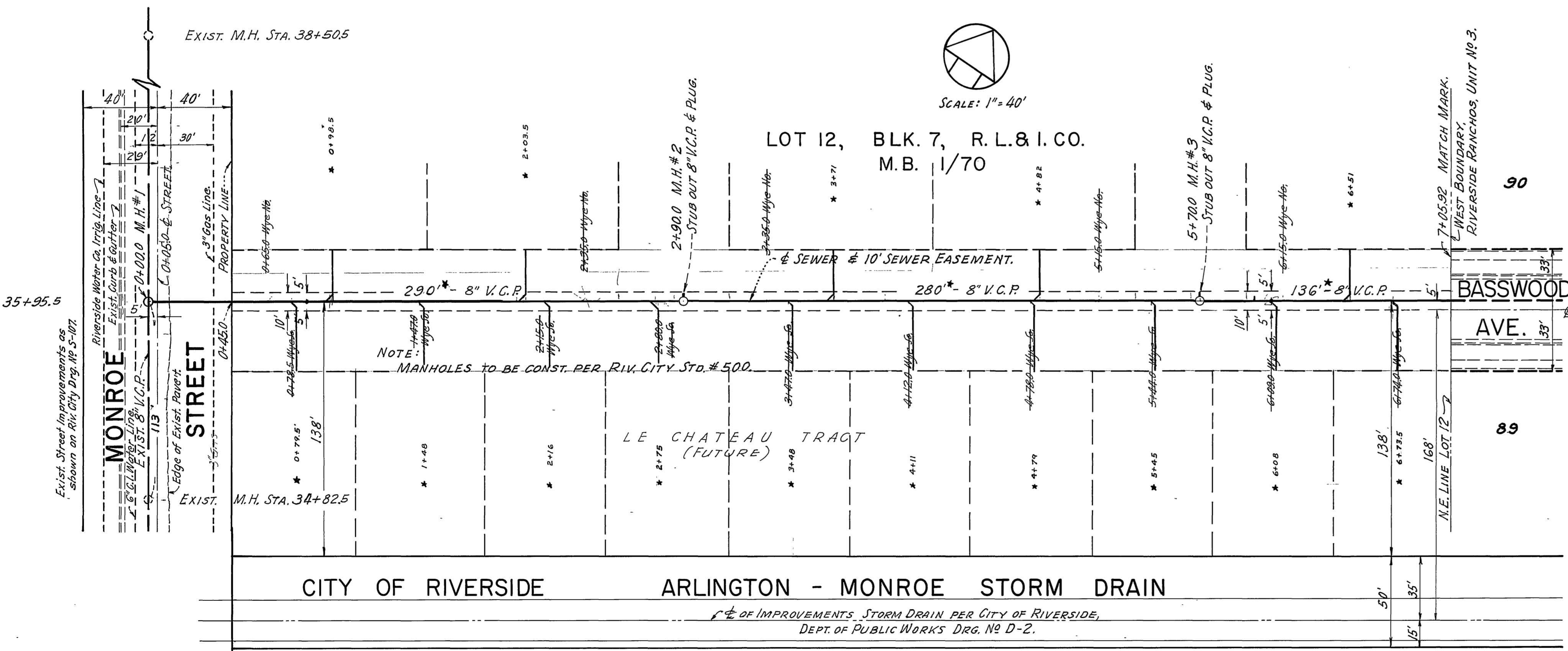


NOTES:
 BENCH MARK: RR SPIKE & ADAMS, 7+4.183, ELEV. 763.11.
 FIELD BOOK # 88.
 MANHOLES TO BE CONST. PER RIV. CITY STD. # 500.

ESTIMATE OF QUANTITIES
 UNIT 2
 Manholes 13 Each
 Cleanouts 1 Each
 4" V.C.P. 1090 Lin. Ft.
 8" V.C.P. 2717 Lin. Ft.

UNIT 3
 Manholes 5 Each
 4" V.C.P. 1463 Lin. Ft.
 8" V.C.P. 1232 Lin. Ft.



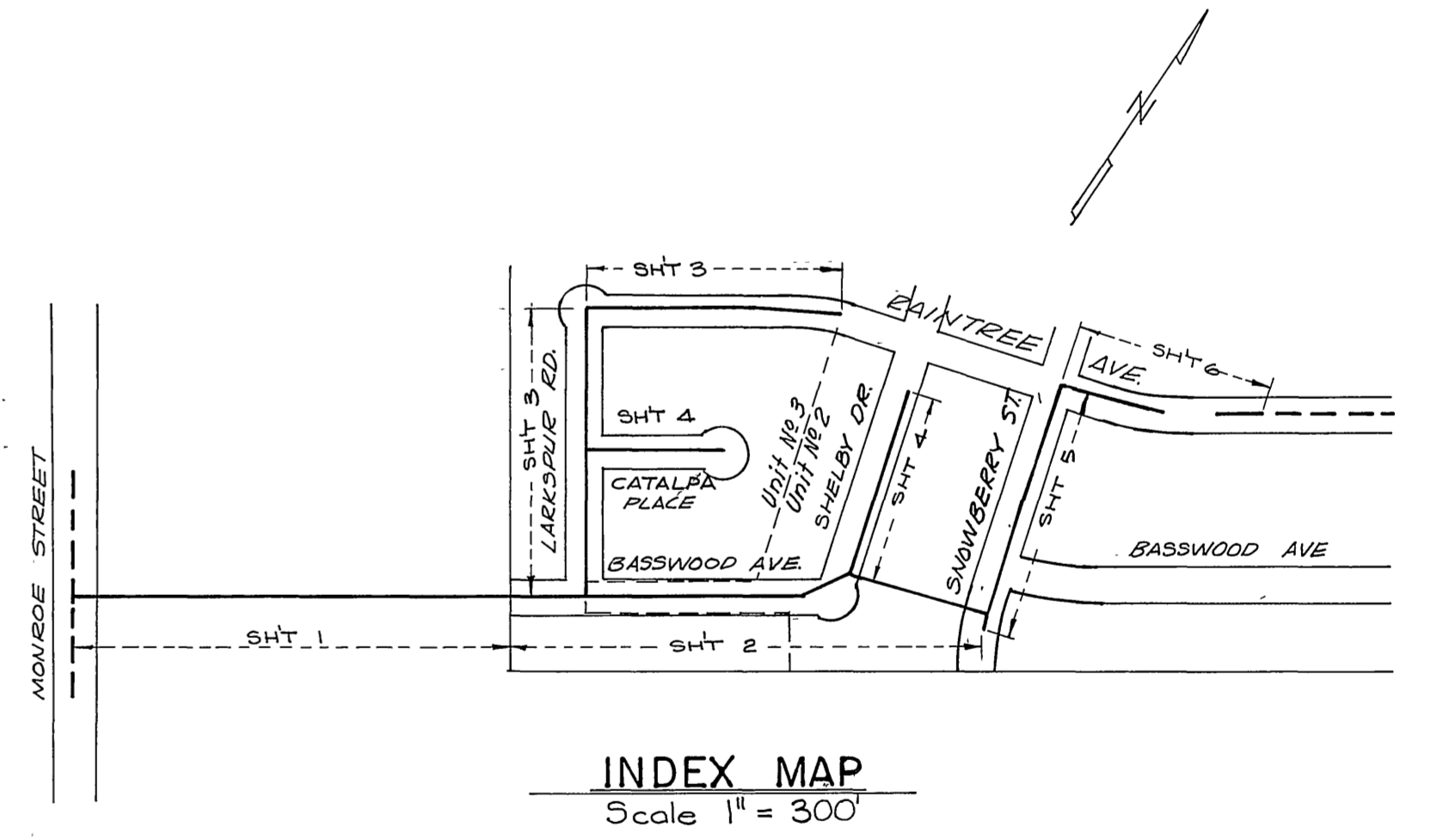
HYDRAULIC CALCULATIONS FOR OUTFALL SEWER
 127 Lots (Units 2 & 3) - 5 Sewered to Unit 1.
 + 125 + 25 Future Families of 38 People
 = 515, of 120 Gals. per day = 61,800 Gals. = 8261 Cu. Ft.
 Evening Peak Load est. at 60% for 3 Hour Period.
 $\frac{(8261 \times .6)}{3600} = 0.459$ C.F.S. = 62% of Capacity of 8" V.C.P. at 0.36% Gr.

MANNING FORMULA:
 $Q = \frac{463}{78} \times 0.45 \times 0.735$
 $n = .013 \quad d = .67 \quad d^{4.49} = .344$
 $S = .0036 \quad S^{.58} = .06$
 $Q = \frac{463}{.013} \times .344 \times .06 = 0.7351$ C.F.S.

TABLE OF STATIONING OF LATERALS TO SERVE LE CHATEAU TRACT.

SOUTH	NORTH
0+78.5	0+65.0
1+47.0	2+35.0
2+15.0	3+35.0
2+80.0	5+15.0
3+47.0	6+15.0
4+12.0	
4+78.0	
5+44.0	
6+09.0	
6+74.0	

Sherlock Homes #2 (Le Chateau) has paid Proportional share of cost of this line. No Assessment. (Grant Sum)



CITY OF RIVERSIDE ARLINGTON - MONROE STORM DRAIN

PLAN - OUTFALL SEWER - BASSWOOD TO MONROE

UNIT NO. 2

* AS BUILT 4/19/60 B.L.W.

MAXWELL SURVEYING
 L.S. 2788

APPROVED BY: *[Signature]* DATE: 12/9/59

DEPARTMENT OF PUBLIC WORKS
 CITY OF RIVERSIDE, CALIFORNIA

RIVERSIDE RANCHOS
 UNITS NOS. 2 & 3

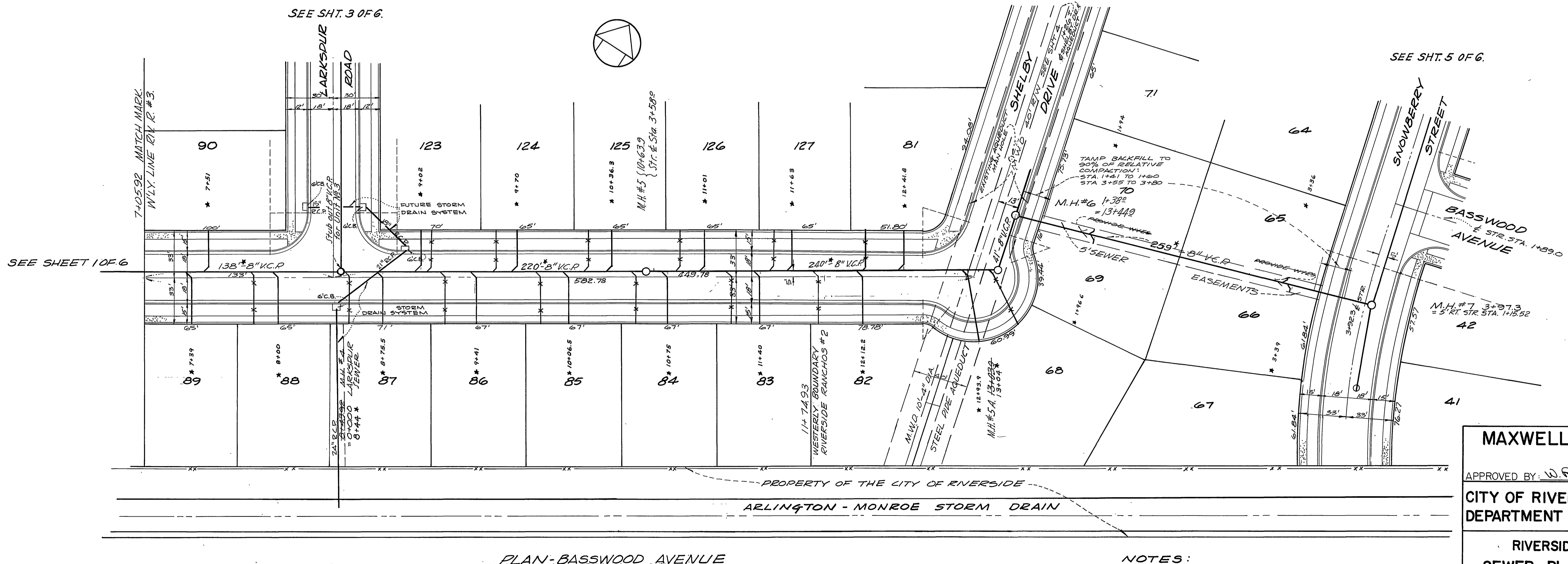
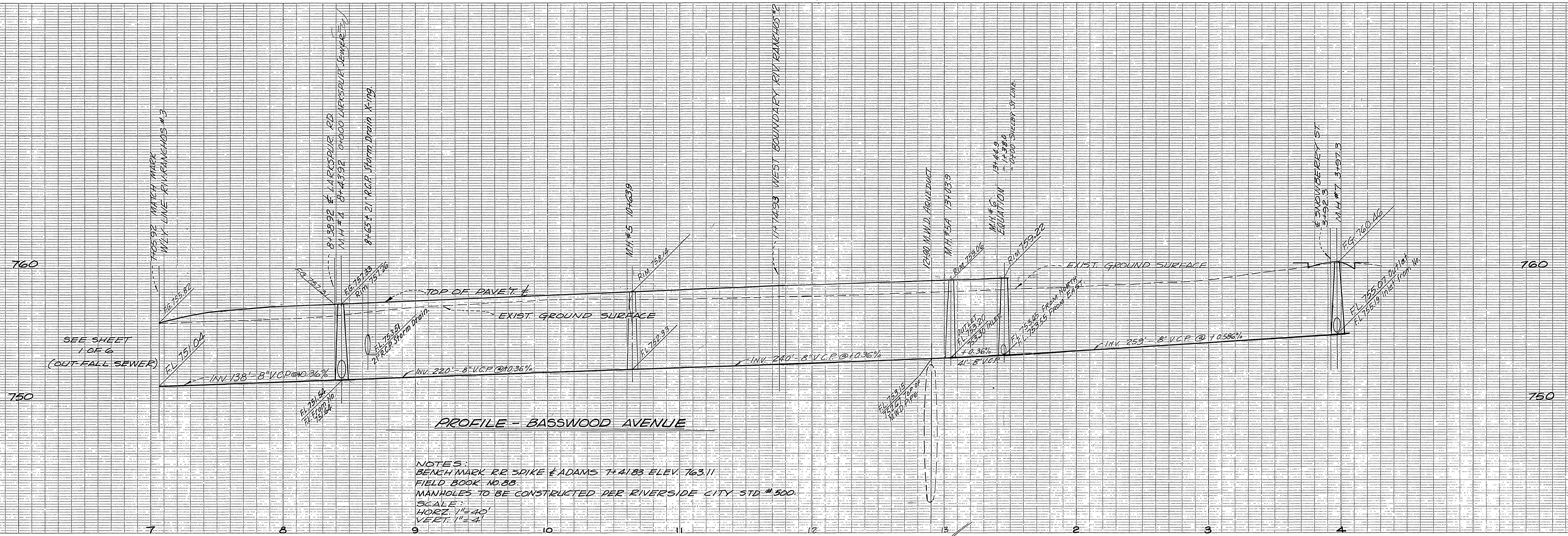
SEWER PLANS & PROFILES
 OUTFALL, BASSWOOD TO MONROE

SCALES: HOR. 1" = 40'
 VERT. 1" = 4'

APPROVED BY: *[Signature]*
 DIRECTOR OF PUBLIC WORKS

DATE: 3-11-60

S-212
 NO. _____
 SHEET 1 OF 6



REVISIONS	

NOTES:
 ALL 4" LATERALS TO BE LOCATED IN FIELD.
 MANHOLES TO BE CONSTRUCTED PER RIVERSIDE CITY STANDARD NO. 500.
SPECIAL NOTES:
 SEWER CONSTN. FOR UNIT NO. 2 WILL INCLUDE 8" MAIN & LATERAL WYES ON BASSWOOD AVENUE.
 4" LATERALS ON BASSWOOD AVENUE BETWEEN STA. T+0592 & STA. T+7492 WILL BE INCLUDED IN THE SEWER CONSTRUCTION FOR UNIT NO. 3.

* "AS BUILT" 4/14/60 B. LOW

MAXWELL SURVEYING
 L.S. 2788

APPROVED BY: *W.R. Maxwell* DATE: 12/19/59

CITY OF RIVERSIDE CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

RIVERSIDE RANCHOS
SEWER PLANS & PROFILES
 UNITS 283
BASSWOOD AVENUE

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

APPROVED BY: *Maxwell*
 DIRECTOR OF PUBLIC WORKS

DATE: 3-14-60

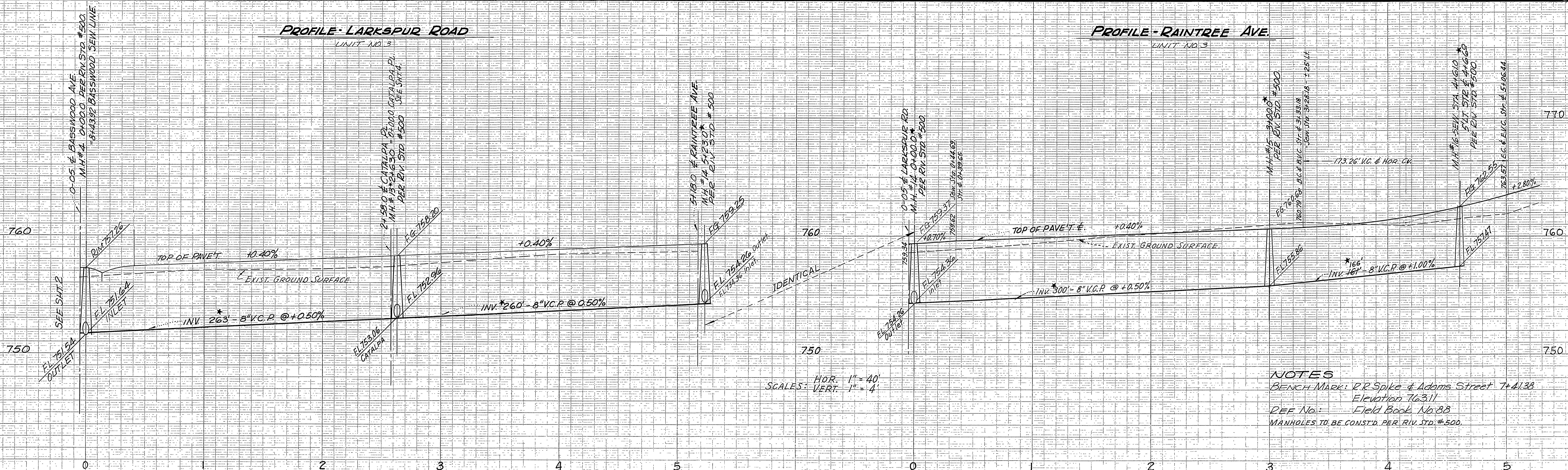
NO. S-212
 SHEET 2 OF 6

PROFILE - LARKSPUR ROAD

UNIT NO. 3

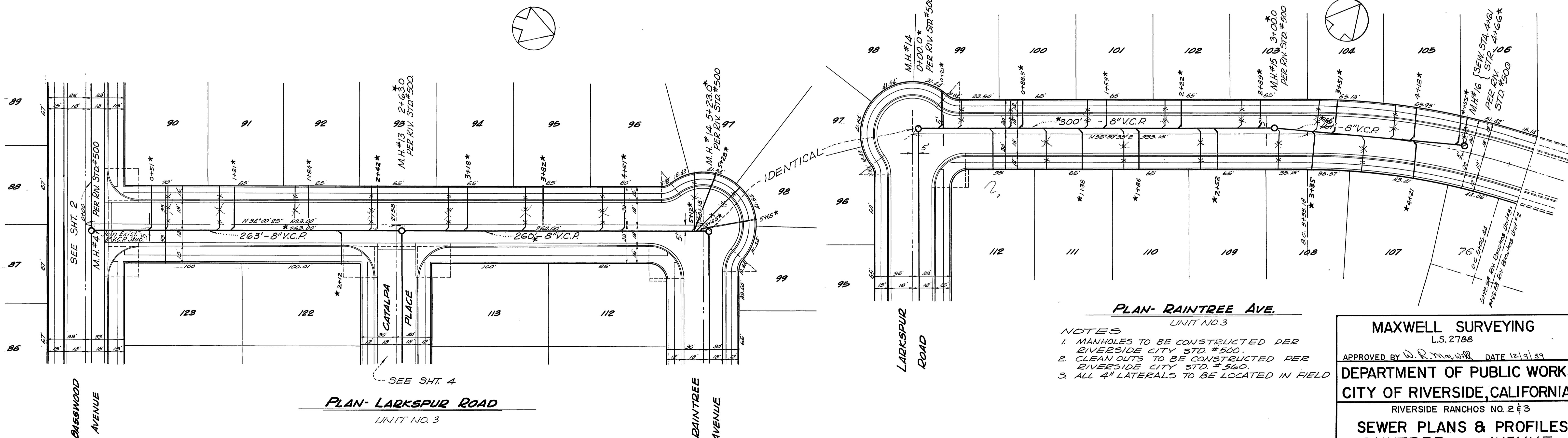
PROFILE - RAIN TREE AVE.

UNIT NO. 3



SCALES: HOR. 1" = 40'
VERT. 1" = 4'

NOTES
BENCH MARK: P.R. Spike & Adams Street T+41.38
Elevation 763.11
REF. No.: Field Book No. 88
MANHOLES TO BE CONST'D. PER RIV. STD. #500.



PLAN - RAIN TREE AVE.

UNIT NO. 3

PLAN - LARKSPUR ROAD

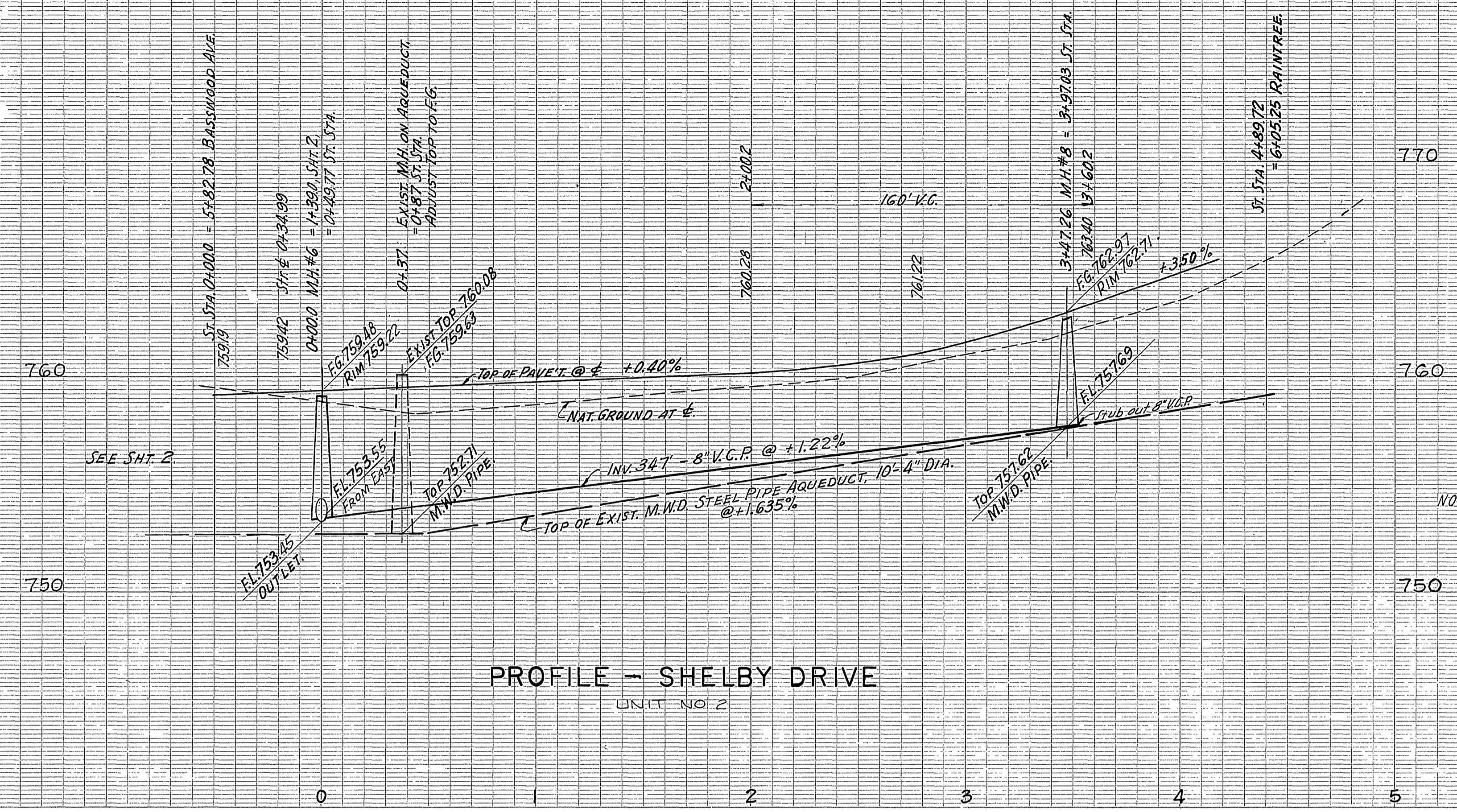
UNIT NO. 3

NOTES
1. MANHOLES TO BE CONSTRUCTED PER RIVERSIDE CITY STD. #500.
2. CLEAN OUTS TO BE CONSTRUCTED PER RIVERSIDE CITY STD. #560.
3. ALL 4" LATERALS TO BE LOCATED IN FIELD

MAXWELL SURVEYING
L.S. 2788
APPROVED BY *W.R. Maxwell* DATE 12/19/59
DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA
RIVERSIDE RANCHOS NO. 2 & 3
SEWER PLANS & PROFILES
RAINTREE AVENUE
LARKSPUR ROAD
SCALE: HORIZ. 1" = 40" VERT. 1" = 4'
APPROVED BY *[Signature]*
DIRECTOR OF PUBLIC WORKS
DATE 3-11-60
NO. S-212
SHEET 3 OF 6

REVISIONS

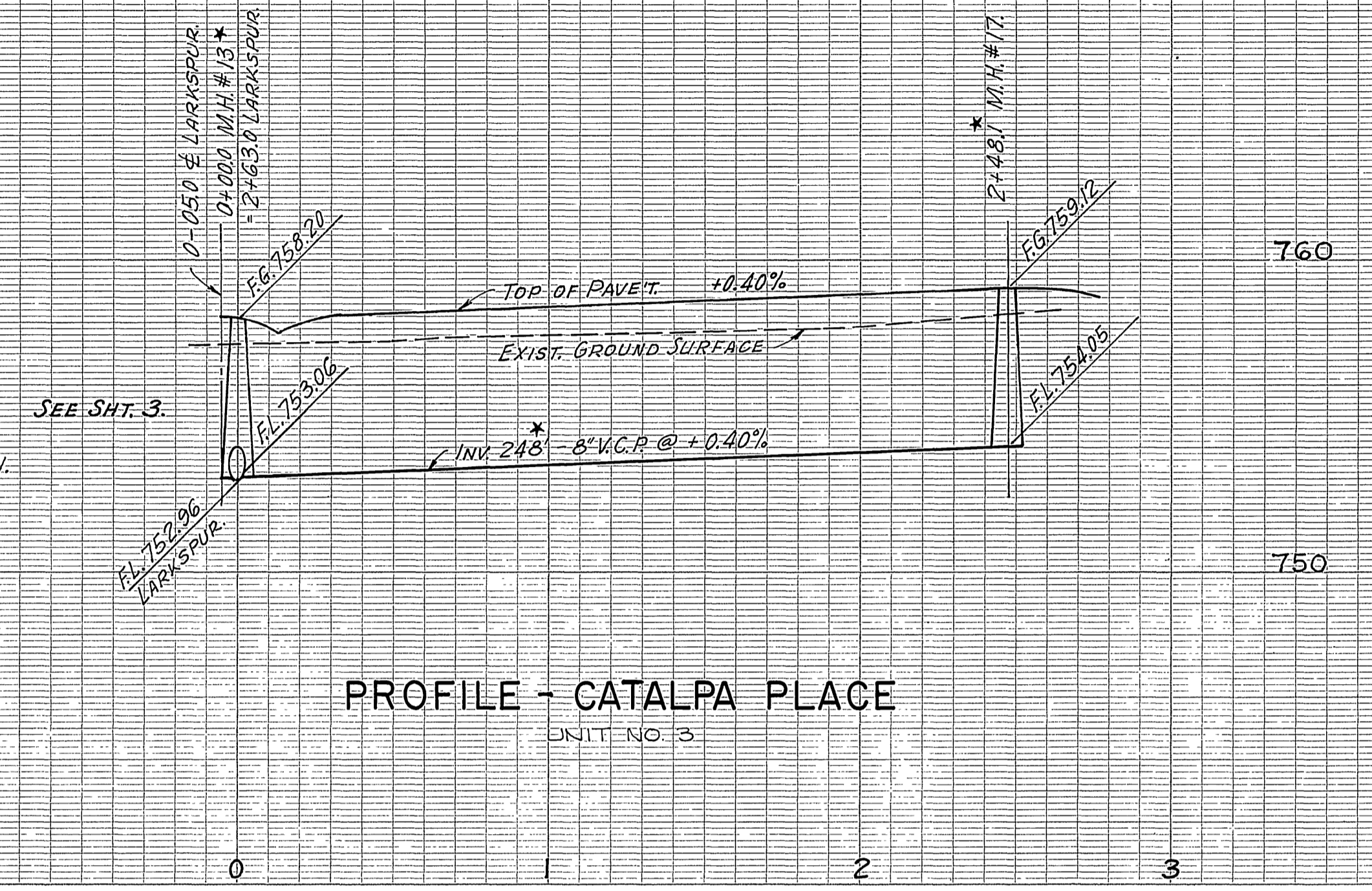
★	"As Built" H. Ball 9-21-60



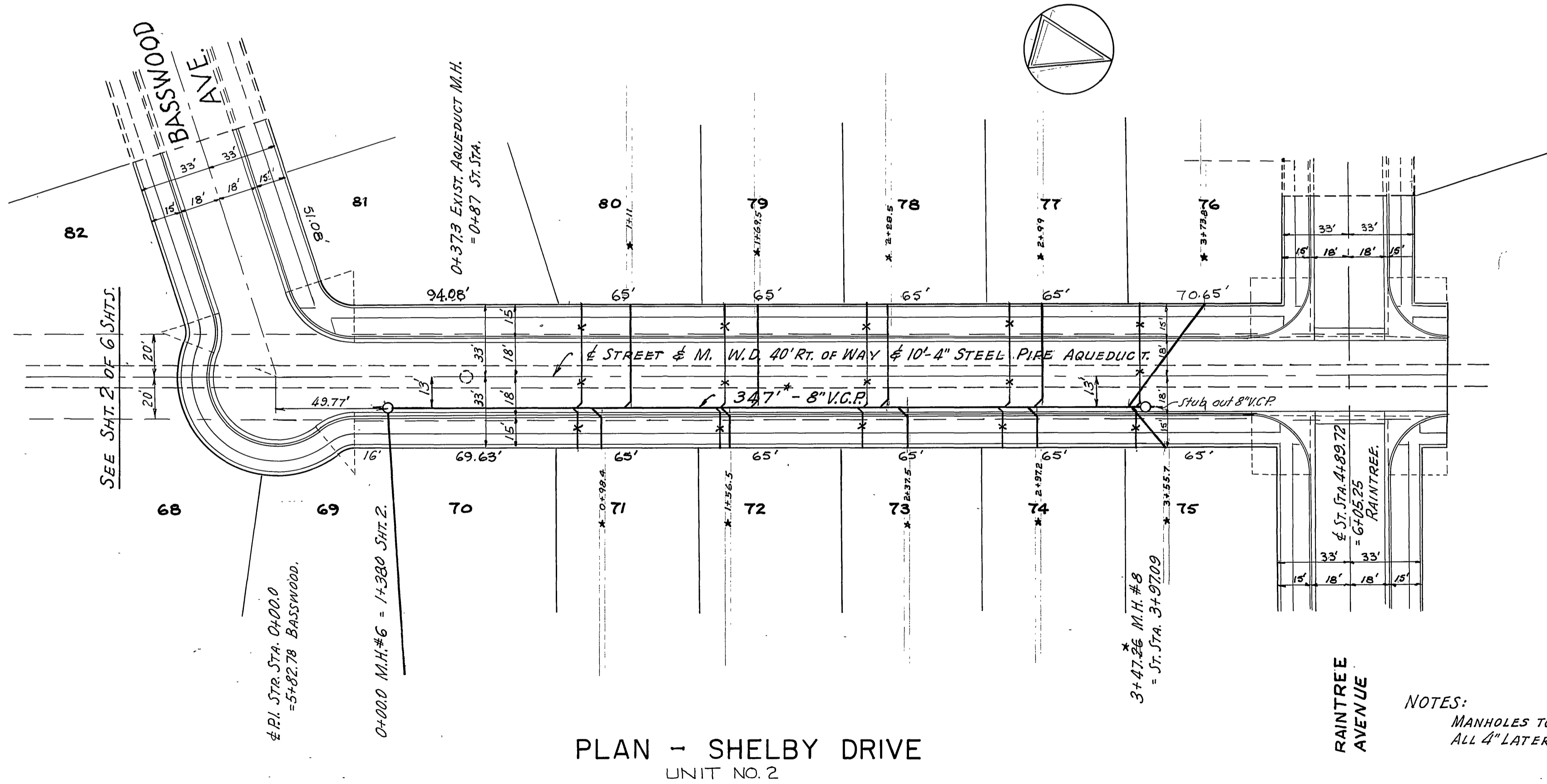
PROFILE - SHELBY DRIVE
UNIT NO. 2

NOTES:
BENCH MARK: RR SPIKE & ADAMS, 7+41.83, ELEV. 763.11,
FIELD BOOK #88.
MANHOLES TO BE CONST'D. PER RIV. CITY STD. #500.

SCALES:
HOR. 1" = 40'
VERT. 1" = 4'

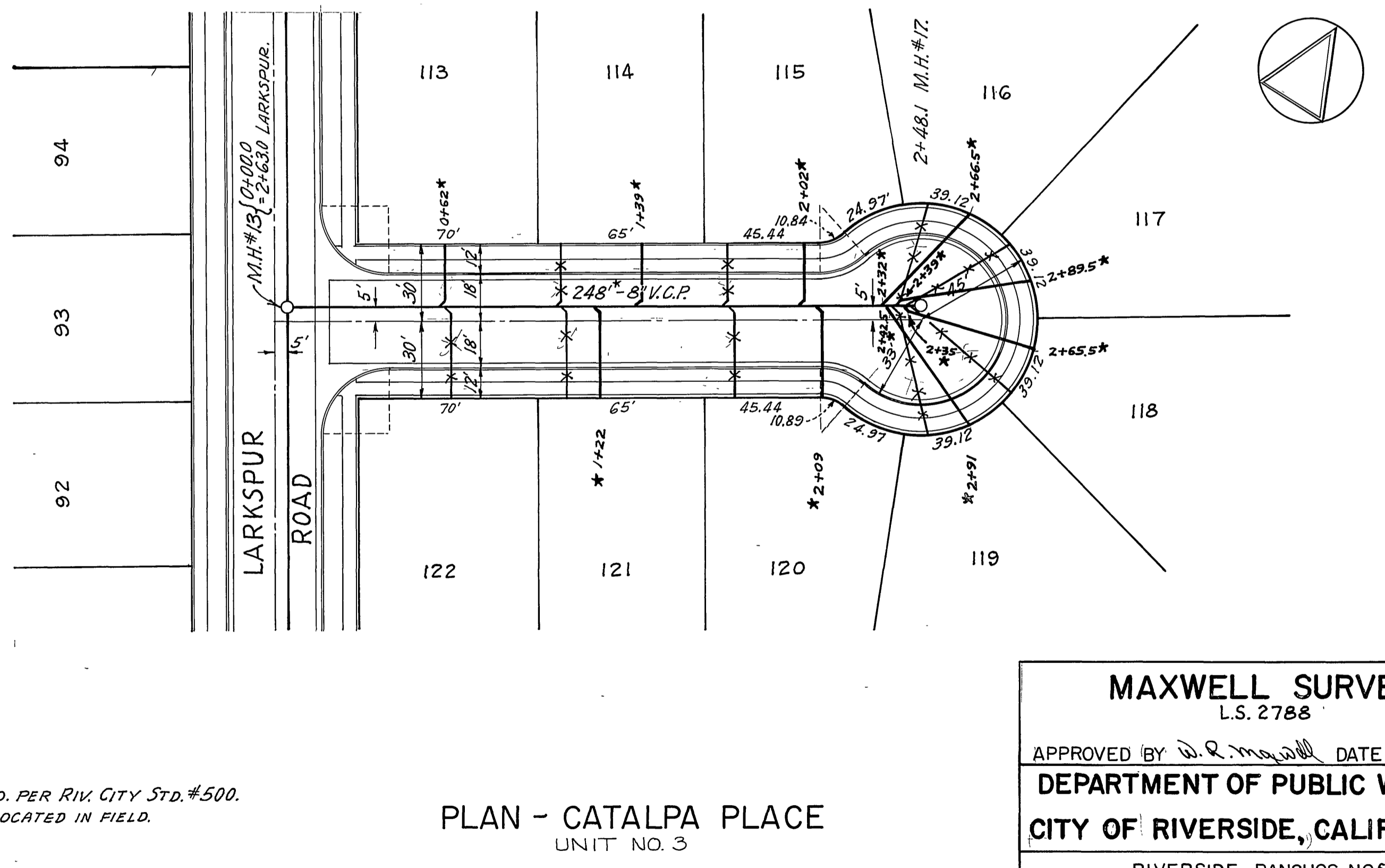


PROFILE - CATALPA PLACE
UNIT NO. 3



PLAN - SHELBY DRIVE
UNIT NO. 2

NOTES:
MANHOLES TO BE CONST'D. PER RIV. CITY STD. #500.
ALL 4" LATERALS TO BE LOCATED IN FIELD.



PLAN - CATALPA PLACE
UNIT NO. 3

MAXWELL SURVEYING
L.S. 2788

APPROVED BY *W.R. Maxwell* DATE 12/9/59

DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA

RIVERSIDE RANCHOS NOS. 2 & 3.

SEWER PLANS AND PROFILES
SHELBY DR. & CATALPA PL.

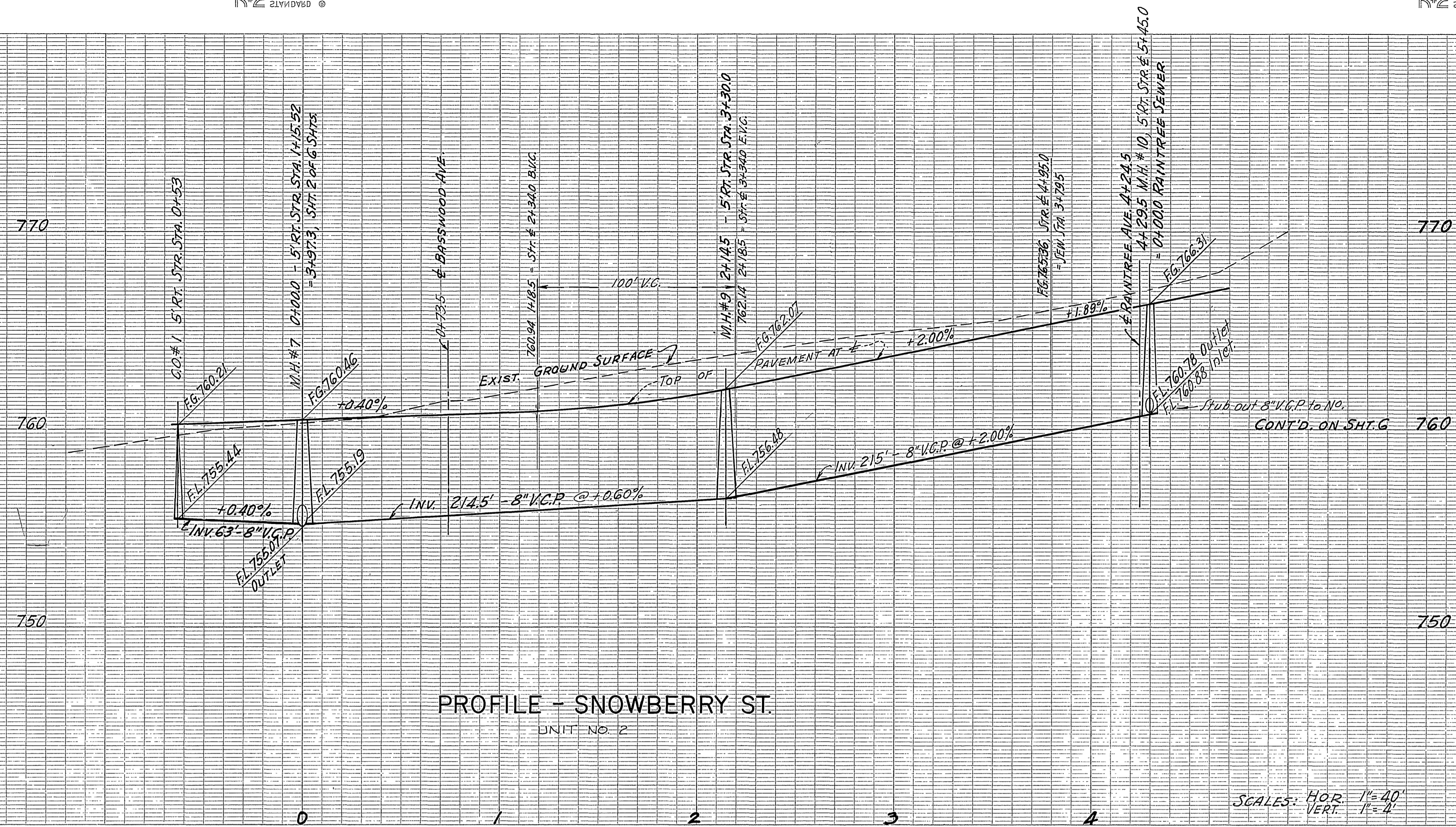
SCALE: HORZ 1" = 40' VERT 1" = 4'

APPROVED BY: *W.R. Maxwell* **S-212**

DIRECTOR OF PUBLIC WORKS **No**

DATE 3-11-60 SHEET 4 OF 6

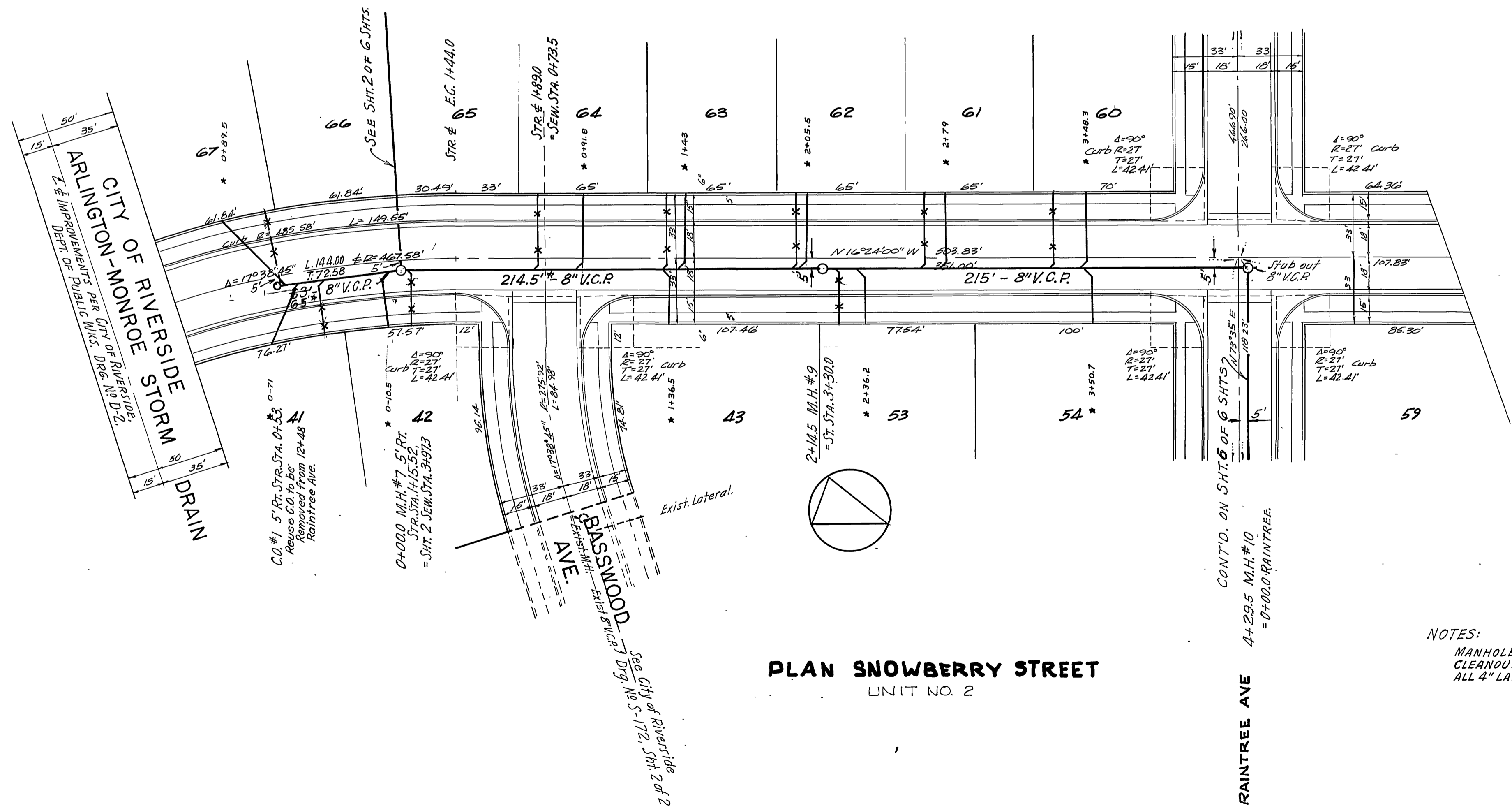
REVISIONS	
* "As Built"	9-21-60 H.Ball



PROFILE - SNOWBERRY ST.
UNIT NO. 2

NOTES:
BENCH MARK, RR SPIKE & ADAMS 7+41.83, ELEV. 763.11.
FIELD BOOK # 88.
MANHOLES TO BE CONST'D. PER RIV. STD. #500.
ALL 4" LATERALS TO BE LOCATED IN FIELD.

SCALES: HOR. 1"=40'
VERT. 1"=4'



PLAN SNOWBERRY STREET
UNIT NO. 2

NOTES:
MANHOLES TO BE CONST'D. PER RIV. STD. #500.
CLEANOUT TO BE CONST'D. PER RIV. STD. #500.
ALL 4" LATERALS TO BE LOCATED IN FIELD.

MAXWELL SURVEYING
L.S. 2788

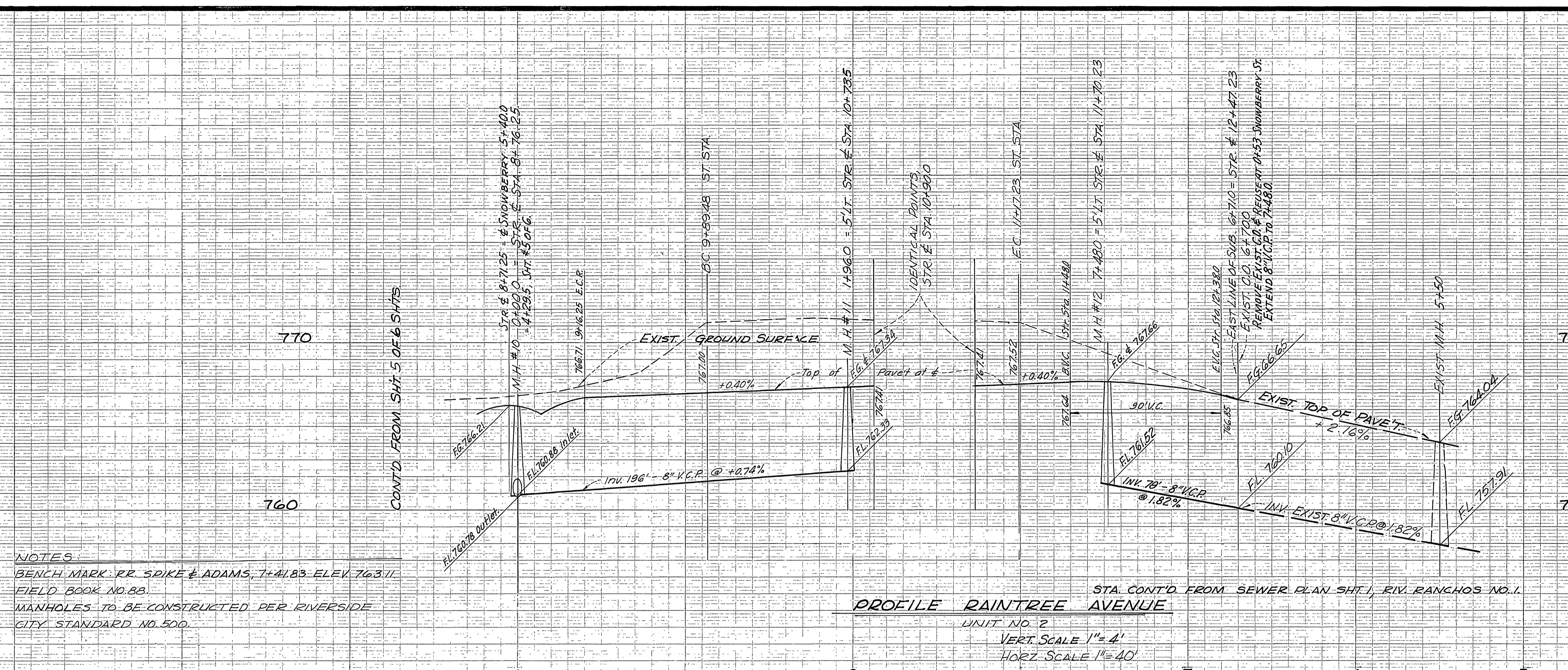
APPROVED BY *W.R. Maxwell* DATE 12/1/59
DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE CALIFORNIA

RIVERSIDE RANCHOS NO. 2 & 3
SEWER PLANS AND PROFILES
SNOWBERRY ST.

SCALE: HORZ. 1"=40' VERT. 1"=4'
APPROVED BY: *Maxwell*
DIRECTOR OF PUBLIC WORKS
DATE: 3-11-60

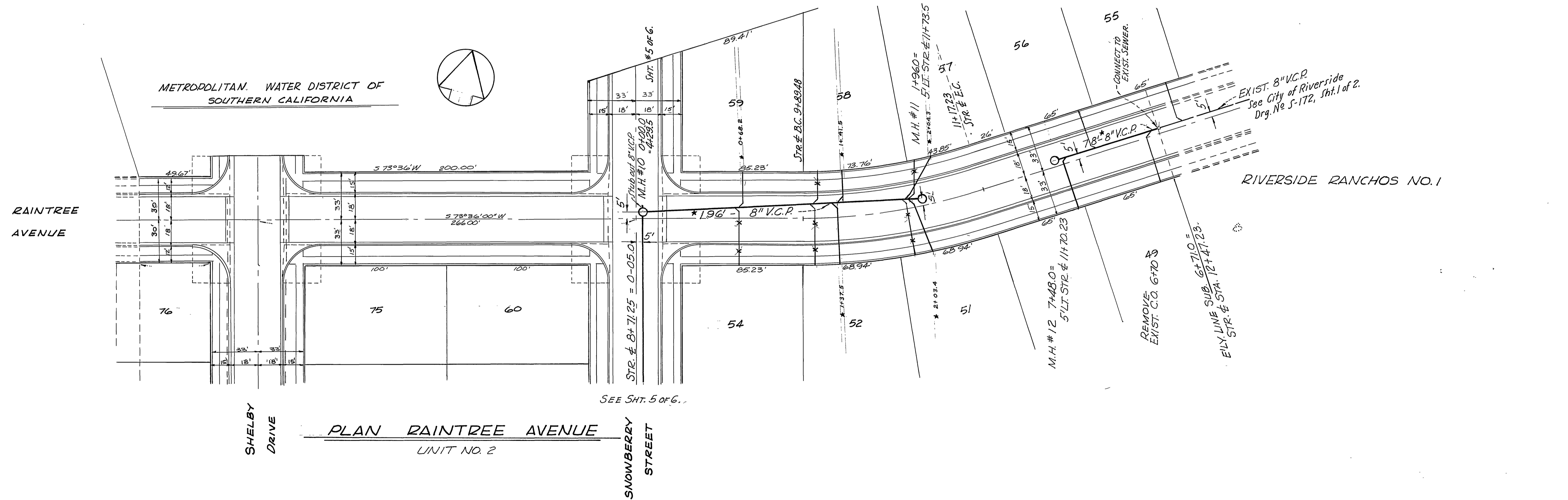
S-212
No. _____
SHEET 5 OF 6

REVISIONS	



NOTES:
BENCH MARK RR SPIKE & ADAMS, T+4183, ELEV. 763.11
FIELD BOOK NO. 88.
MANHOLES TO BE CONSTRUCTED PER RIVERSIDE
CITY STANDARD NO. 500.

STA. CONT'D FROM SEWER PLAN SHT. 1, RIV. RANCHOS NO. 1.
PROFILE RAIN TREE AVENUE
UNIT NO. 2
VERT. SCALE 1"=4'
HORIZ. SCALE 1"=40'



NOTES:
Manholes to be constructed per
Riverside City Std No. 500.
All 4" Laterals to be located in the field.

MAXWELL SURVEYING
L.S. 2788

APPROVED BY *W.R. May* DATE 12/1/58

DEPARTMENT OF PUBLIC WORKS
CITY OF RIVERSIDE, CALIFORNIA

RIVERSIDE RANCHOS NO. 2 & 3
SEWER PLANS AND PROFILES
RAIN TREE AVENUE

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

APPROVED BY *J. M. ...* **S-212**
DIRECTOR OF PUBLIC WORKS NO.

DATE 3-11-60 SHEET 6 OF 6

REVISIONS	