RIVERSIDE CITY OF RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT

ARLINGTON AVENUE LEVELING COURSE

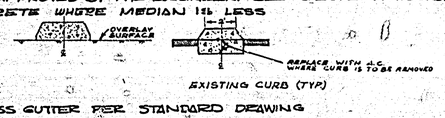
LA SIERRA AVENUE TO MAGNOLIA AVENUE

F.A.U. M - 6005 (003)

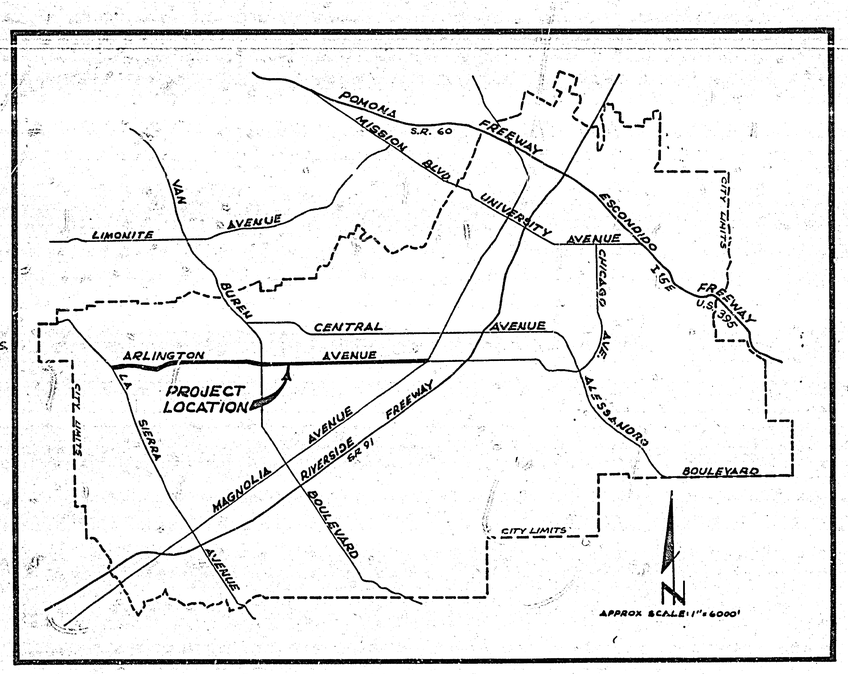
PROJECT LENGTH: 6.4 MILES

SPECIAL CONSTRUCTION NOTES

- (D) REMOVE EXISTING DETECTOR AND FOUNDATION AND PLACE A.C. AS PER A.C. REMOVAL DETAIL ON SHEET 2.
- REMOVE EXISTING PAVEMENT AND REPLACE WITH A.C. PER DETAIL ON SHEET 2. (SEE NOTE 7).
- (M) ADJUST ALL SEWER AND STORM DRAIN MANHOLES TO FINISHED GRADE.
- (200) CONSTRUCT CURB AND GUTTER PER STANDARD DRAWING 200, TYPE AS SHOWN ON PLANS. REPLACENT CURB SHALL BE SIMILAR TO EXISTING UNLESS SHOWN OTHERWISE.
- (250) CONSTRUCT ASPHALT CONCRETE BERM PER STANDARD DRAWING 250, TYPE AS SHOWN ON PLANS, WITH DEPRESSION TO 0.08' AT DRIVEWAYS.
- (INLET) CONSTRUCT INLET PER STATE STANDARD DRAWING, SD-75-10 TYPE 6CP.
- (C) INSTALL TEXTURED CONCRETE PAVEMENT ON ALL PORTIONS OF MEDIAN BETWEEN 3' AND 7' IN WIDTH. COLOR AND PATTERN TO BE APPROVED BY THE ENGINEER. SEE SPECIAL PROVISIONS.
- (200 / III) MONOLITHIC CONCRETE WHERE MEDIAN IS LESS THAN 3' WIDE.

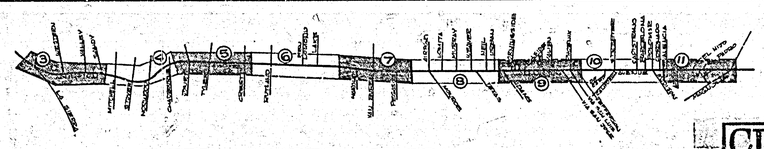


- (220) CONSTRUCT CROSS GUTTER PER STANDARD DRAWING 230. "W" DIMENSION SHOWN ON PLANS.
- INSTALL 1½" OVERLAY OVER NON-WOVEN POLY PROPYLENE REINFORCING FABRIC. SEE SPECIAL PROVISIONS.
- (122) CONSTRUCT REVERSE TAPER PER STANDARD DRAWING 122.
- (123) CONSTRUCT PARABOLIC FLARE PER STANDARD DRAWING 123.
- (8 / VIII) (81 / III) INSTALL TRAFFIC LOOP DETECTORS PER DRAWING NUMBER X-501 AS ATTACHED.
- INSTALL 1½" OVERLAY OVER RUBBERIZED ASPHALT. SEE SPECIAL PROVISIONS.



GENERAL CONSTRUCTION NOTES

1. CONSTRUCTION SHALL CONFORM TO CALIFORNIA STANDARD SPECIFICATIONS DATED JANUARY, 1973 AND SPECIAL PROVISIONS.
2. THE DESIGN TRAFFIC INDEX (T.I.) IS SHOWN ON EACH PLAN.
3. FOR IMFORMATION; STRIP MAPS MATCH AT END OF EACH PHOTO, PLANS READ FROM TOP TO BOTTOM AND LEFT TO RIGHT PROCEEDING EASTBOUND ALONG ARLINGTON AVENUE.
4. THICKNESS OF OVERLAY SHALL BE 1½" MINIMUM EXCEPT AS NOTED.
5. WHERE A SIDE STREET DOES NOT HAVE A CROSS GUTTER, THE OVERLAY SHALL BE FEATHERED OUT AS FAR AS NECESSARY TO PROVIDE A SMOOTH APPROACH.
6. FOG SEAL COAT IS REQUIRED OVER ALL ADJACENT OLD PAVEMENT (WHERE SHOWN ON PLAN).
7. LIMITS OF REMOVAL AREAS ARE APPROXIMATE, AND SMALL AREAS ARE NOT SHOWN. ACTUAL LIMITS WILL BE MARKED IN THE FIELD.



SHEET NUMBER DIAGRAM

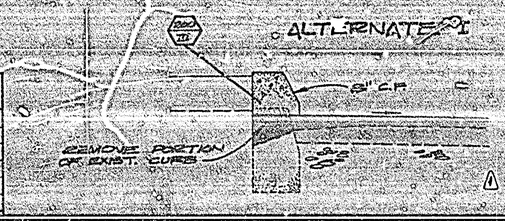
SHEET 2 CONTAINS SECTIONS AND DETAILS

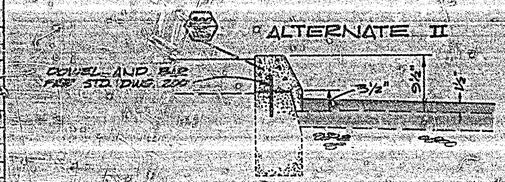
"AS BUILT" 6-76 BY RB.

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course La Sierra Ave. to Magnolia Ave	ACCOUNT NO. R-1748
APPROVED BY / PRINCIPAL ENGINEER / PARK DEPARTMENT / TRAFFIC DIVISION / CHIEF P.W. ENGINEER	APPROVED BY PUBLIC WORKS DIRECTOR DATE 5-1-74	SHEET 1 OF 16
	DESIGNED BY RRT DRAWN BY G.R.W. CHECKED BY RTH	FILE NO.

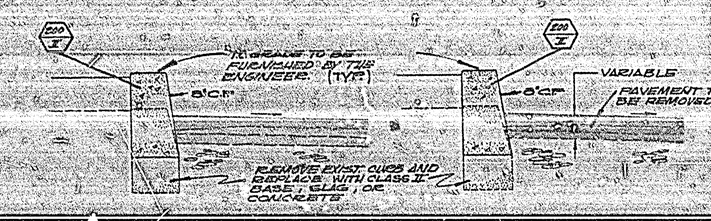
EXISTING CONDITIONS ON TYPICAL SECTION

APPROXIMATE LIMITS	A (MEDIAN)	B (WESTBOUND)	C (EASTBOUND)	SHOULDER (MOUNTED)	CURB
LA SIERRA	18' MIN.	34'	34' TO 46'	YES	YES
WESTERN	NONE	32'	32'	YES	YES
	[illegible]	20'	20'	NO	YES
RUTLAND	15' PAINTED	20'	20'	NO	YES
HAROLD	18' MIN.	34'	34' TO 46'	YES	YES
PEGASUS	10'	[illegible]	[illegible]	NO	NO
	NONE	20'	20'	NO	NO
MONROE	NONE	40'	20'	NORTH ONLY	NORTH ONLY
NEIL	NONE	20'	20'	NO	BOTH (PARTIAL)
ADAMS	12' PAINTED	25'	34'	SOUTH ONLY	SOUTH ONLY
MORELLINO S OF	NONE	23'	25'	NORTH ONLY	YES
VIA SAN JOSE	NONE	20'	28'	SOUTH ONLY	SOUTH ONLY
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	12'	38'	23'	NORTH ONLY	YES
JEFFERSON	12' PROPOSED	34' TO 38'	25'	YES	YES
DE CAMP	12' TO 18'	32' TO 40'	32'	YES	YES
STRATFORD	10' TO 18'	34'	34'	YES	YES
EL RIO	11' (OFFSET N&W)	34'	34'	YES	YES
EL PADRO	11' (OFFSET N&W)	34'	32'	NORTH ONLY PROPOSED	YES
MAGNOLIA					

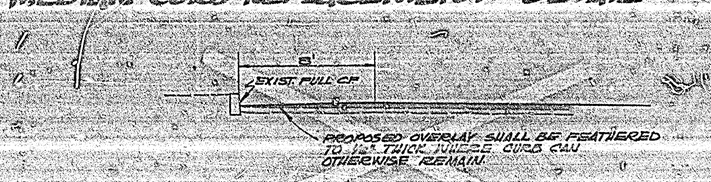




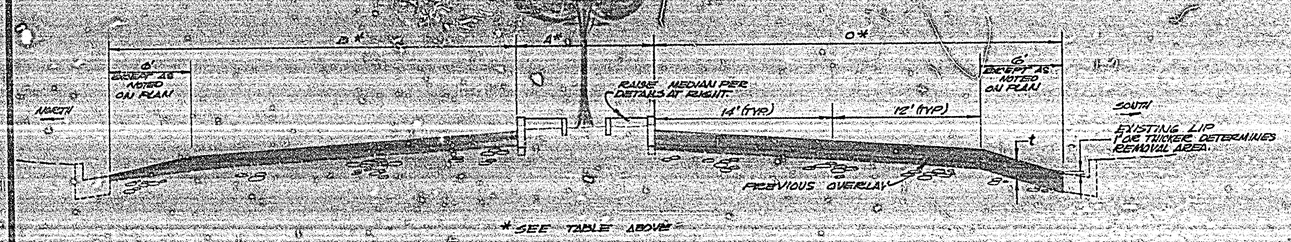
MEDIAN CURB RECONSTRUCTION



MEDIAN CURB REPLACEMENT DETAIL



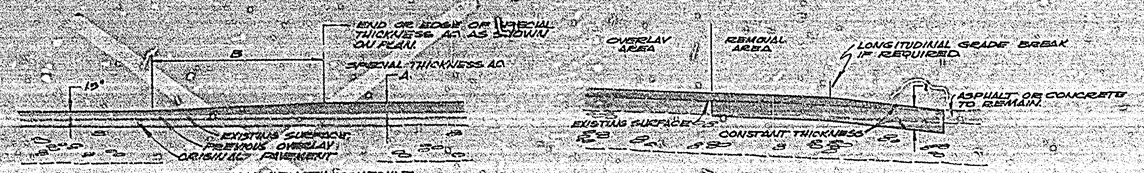
LEFT TURN LANE DETAIL



TYPICAL SECTIONS

SCALES: HOR. 1"=5' VERT. 1"=5'

t = SUM OF EXISTING THICKNESS PLUS 1½" (VARIES FROM 4" TO 7")

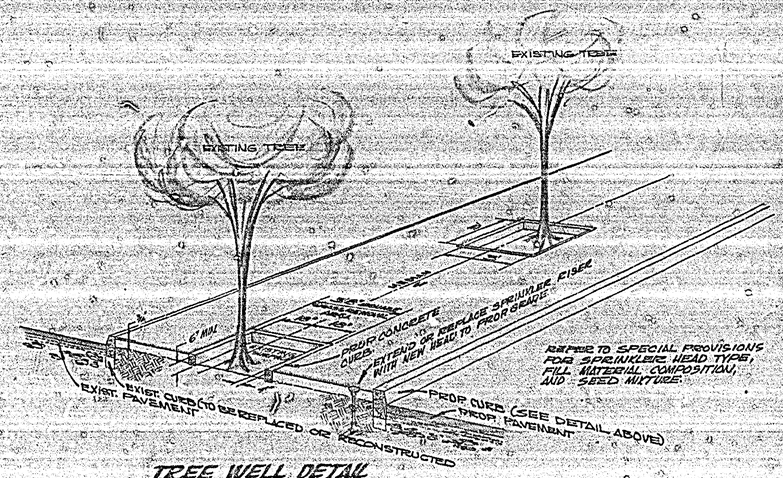


TRANSITION LENGTH SCHEDULE

A'	LONGITUDINAL	B' LATERAL
2"	15'	8'
2.5"	20'	10'
3"	25'	12'

THICKNESS TRANSITION DETAIL

PAVEMENT REMOVAL AREA DETAIL



TREE WELL DETAIL
TYPICAL SECTION
BETWEEN MAGNOLIA AND VALENCIA
NOT TO SCALE

"AS BUILT" 5-77 D.V.

FAU M-6003 (003)

4	ADDED ISLAND REPLACEMENT ALTERNATES		
	REVISIONS	APPR.	DATE

DESIGNED BY R.O.S. DRAWN BY [illegible] CHECKED BY D.C.H.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: PRINCIPAL ENGINEER [illegible] 4/75; PARK DEPARTMENT [illegible] 4/22; CHIEF PUB. WKS. ENGR. [illegible] 4-25

APPROVED BY: DIRECTOR OF PUBLIC WORKS

DATE 5-1-74

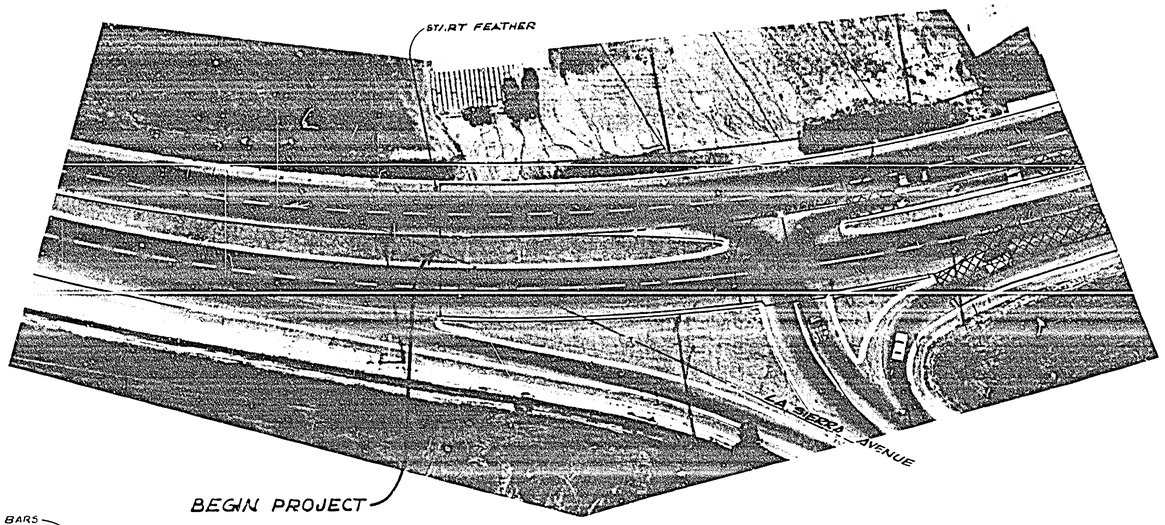
Arlington Avenue Leveling Course

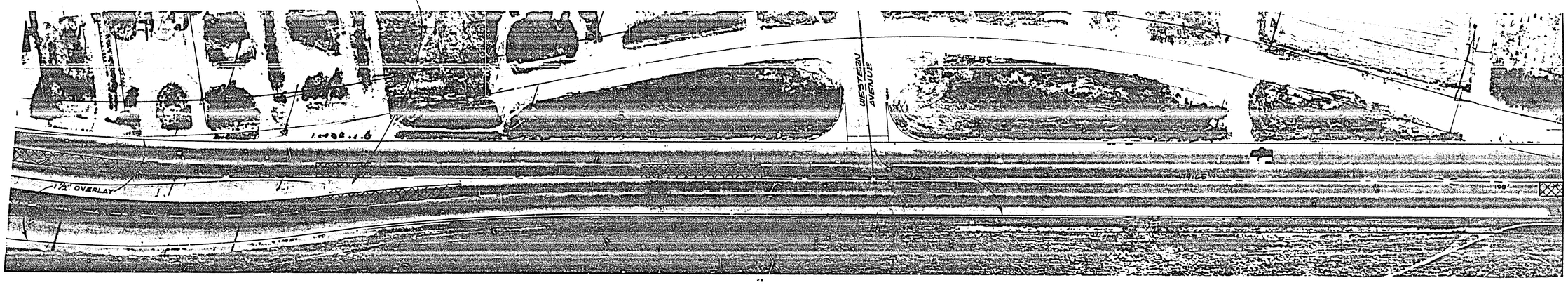
SCALE: 1" = 40' SECTIONS AND DETAILS

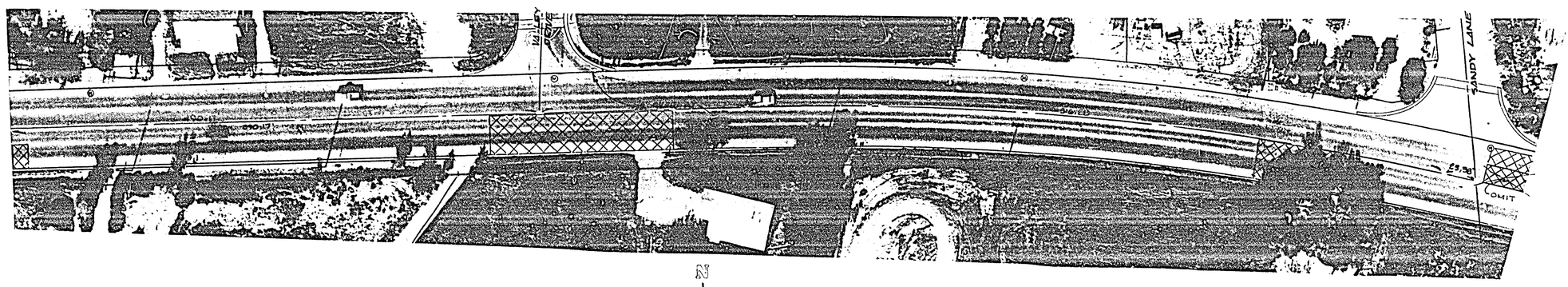
ACCOUNT NO.

DRAWING NUMBER R-1748

SHEET 2 OF 16





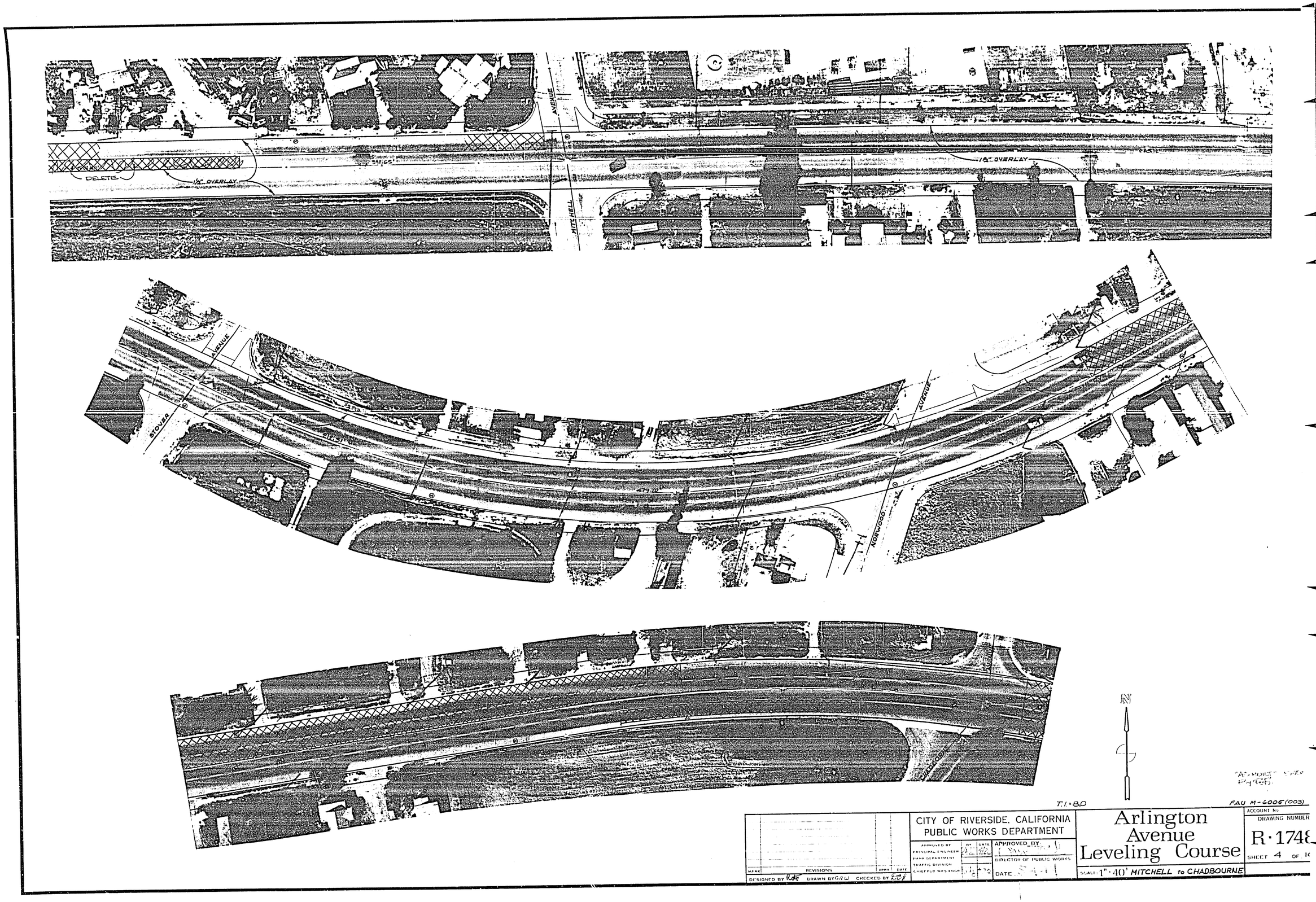


N

T1-80

MARK / REVISIONS / APPR / DATE	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course	ACCOUNT No DRAWING NUMBER R-1748
DESIGNED BY RDS DRAWN BY GRW CHECKED BY DCH	APPROVED BY / PRINCIPAL ENGINEER / PARK DEPARTMENT / TRAFFIC DIVISION / CHIEF PUB WKS ENGR / BY / DATE	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE	SCALE 1" = 40' LA SIERRA to SANDY SHEET 3 OF 1

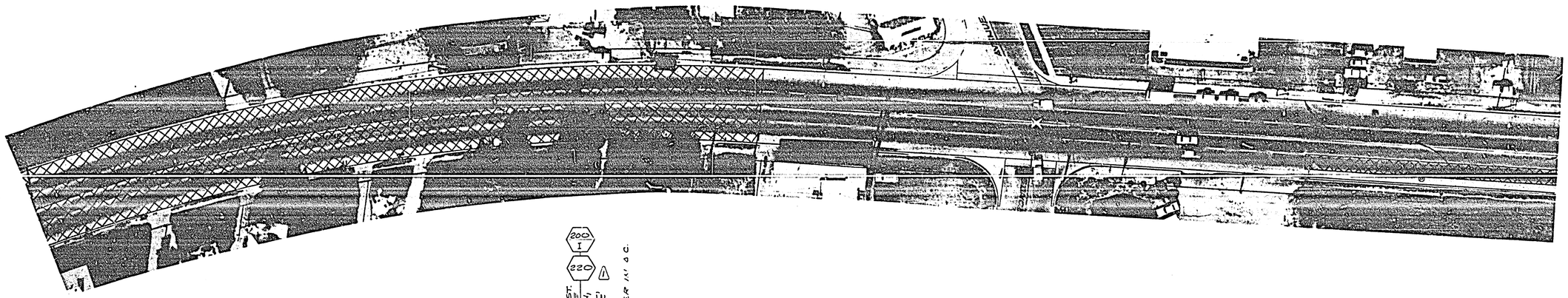
FAU M-6005 (003)

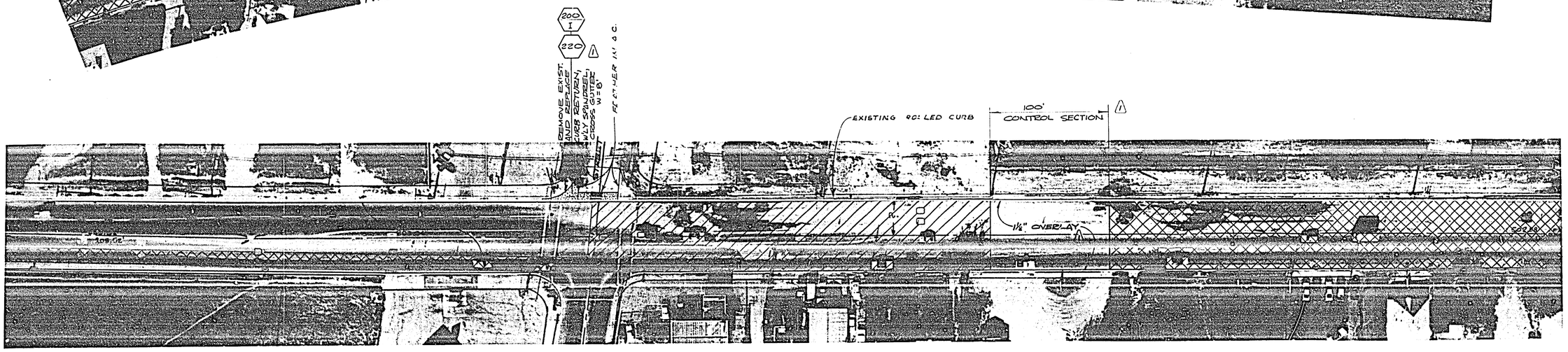


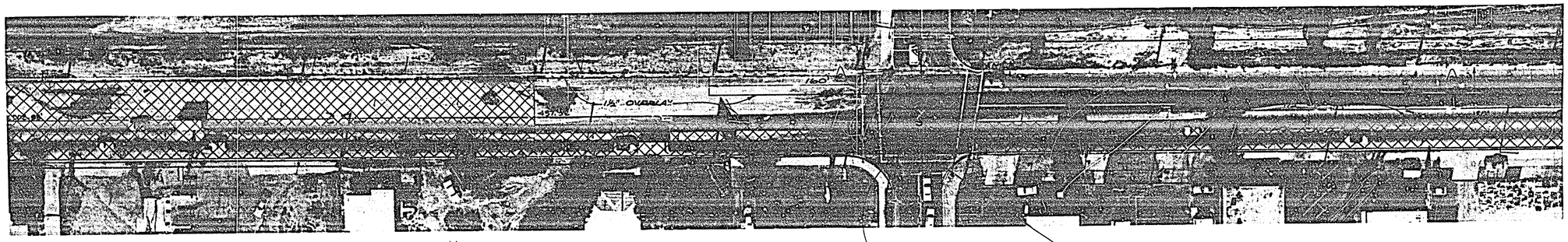
T.I.=8.0

FAU M-6006(003)

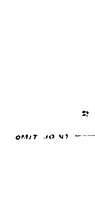
MARK / REVISIONS / APPR / DATE	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course	ACCOUNT No DRAWING NUMBER R·1748
DESIGNED BY RDF DRAWN BY GRW CHECKED BY EEF	APPROVED BY PRINCIPAL ENGINEER / PARK DEPARTMENT / TRAFFIC DIVISION / CHIEF PUB WKS ENGR — BY / DATE APPROVED BY DIRECTOR OF PUBLIC WORKS DATE	SCALE: 1" = 40' MITCHELL to CHADBOURNE	SHEET 4 OF 1[illegible]







CROSS-GUTTER DETAIL
SCALE 1"=20'



T.I = 8.0

FAU M-5005(003)

MARK	REVISIONS	APPR.	DATE
1	ADDITIONS & REVISIONS TO [illegible]		
2	[illegible]		

DESIGNED BY [illegible] DRAWN BY G.R.W. CHECKED BY [illegible]

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	4/26
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.	[illegible]	4-30

APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE [illegible]

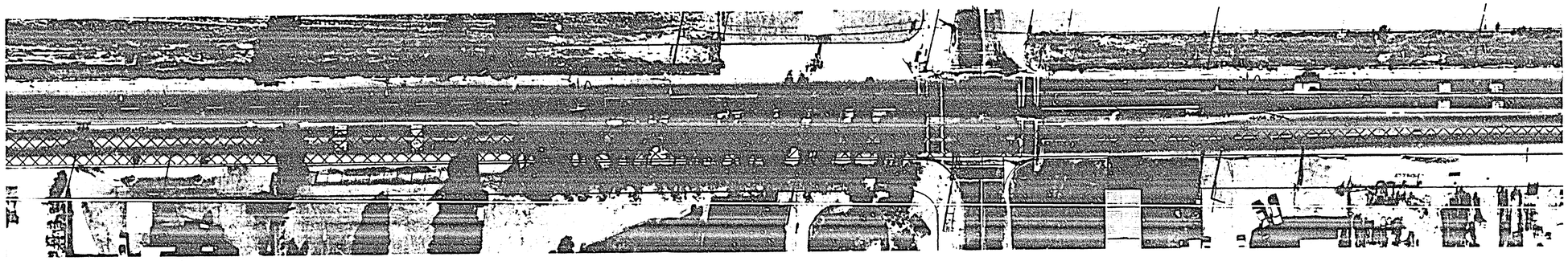
Arlington Avenue Leveling Course

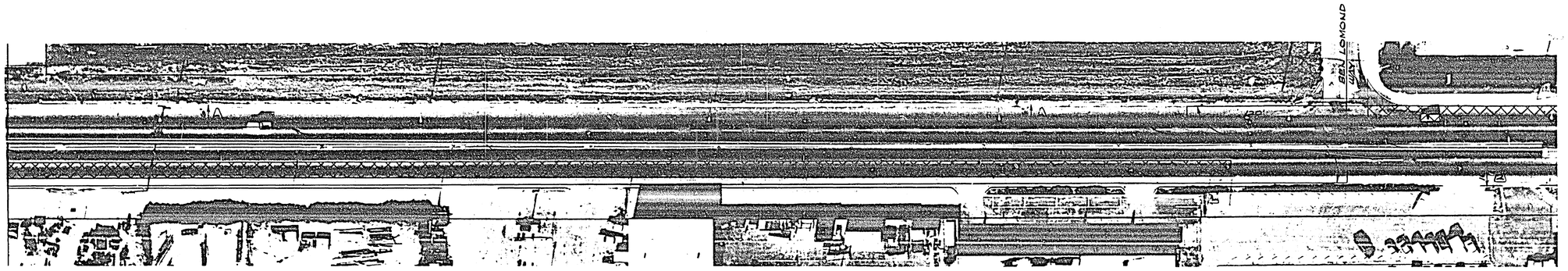
SCALE: 1" = 40' JOVES TO CREST

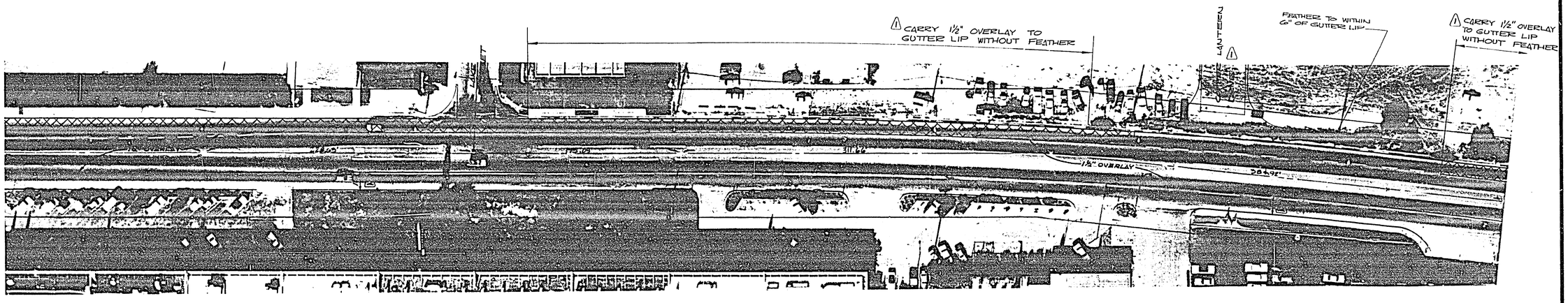
ACCOUNT No.

DRAWING NUMBER
R-1748

SHEET 5 OF 16





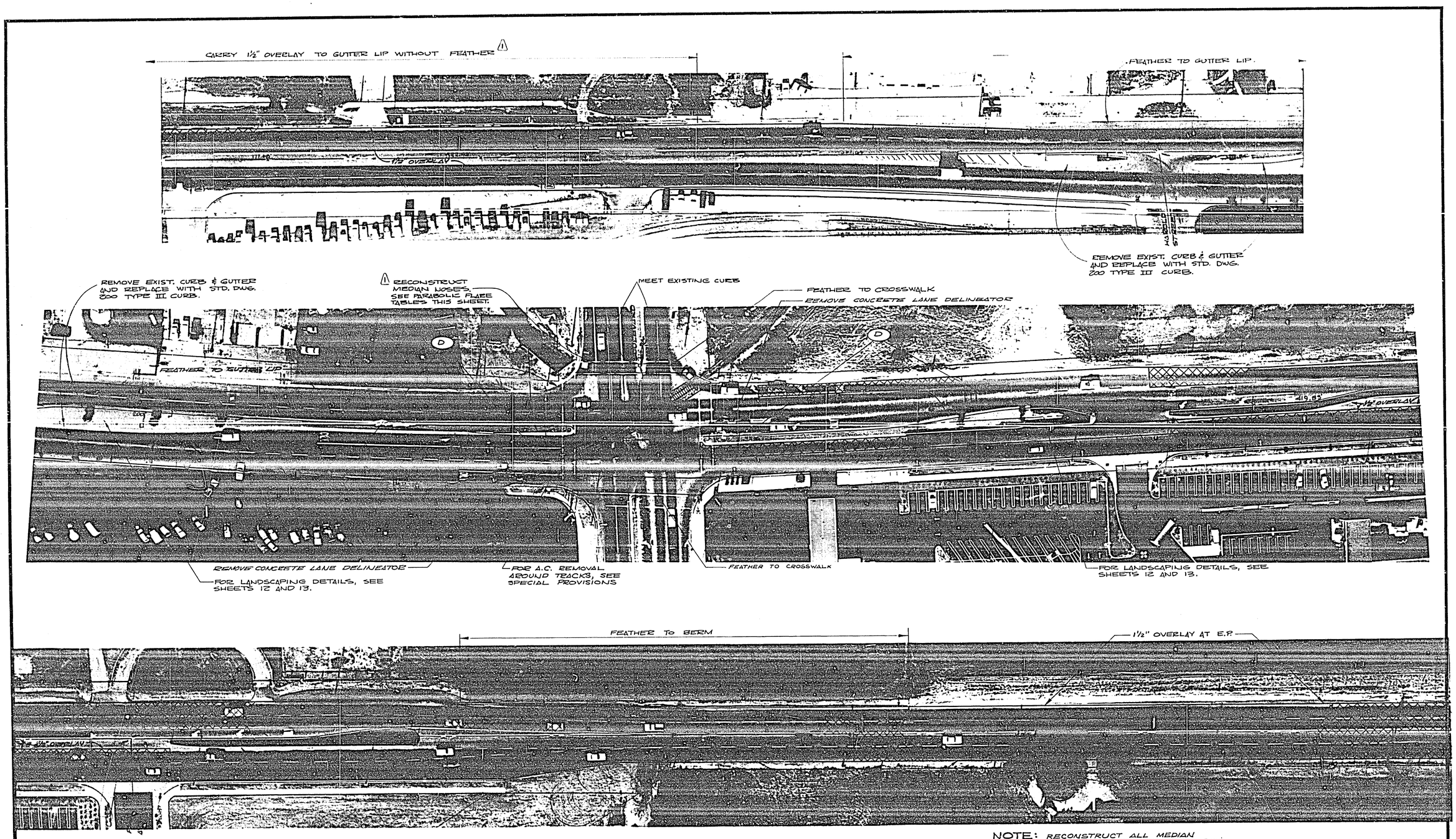


N

T.I. = 8.0

FAU M-6005(003)

1 EXTENDED OVERLAY TO G.L. & ADDED NEW STREET 2 OVERLAY DELETION PER CHANGE ORDER # 3	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course	ACCOUNT No DRAWING NUMBER R·1748
MARK / REVISIONS / APPR / DATE	APPROVED BY / BY / DATE PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF PUB WKS ENGR	APPROVED BY DIRECTOR OF PUBLIC WORKS DATE 5-1-14	SHEET 6 OF 16
DESIGNED BY RDG DRAWN BY GRW CHECKED BY KCH		SCALE 1" = 40' RUTLAND to LAKE	



NOTE: RECONSTRUCT ALL MEDIAN CURB THIS SHEET WITH STD. DWG. 200 TYPE III.

50' FLARE - ARLINGTON

LENGTH	0	10'	20'	30'	40'	50'
OFFSET	0	0.08'	0.32'	0.72'	1.28'	2.00'

20' FLARE - VAN BUREN

0	10'	20'	LENGTH
0	1.00'	4.00'	OFFSET

PARABOLIC FLARE TABLES

N

"AS BUILT" 5-11 dV

T.I. = 8.0 WEST OF VAN BUREN
T.I. = 9.0 EAST

FAU M-6005 (003)

MARK	REVISIONS	APPR	DATE
(1)	EXTENDED OVERLAY TO GUTTER LIP STREET MODS AT VAN BUREN PER R-1540 –		
(2)	OVERLAY DELETION PER CHANGE ORDER #3		

DESIGNED BY RDF DRAWN BY R.W.B. CHECKED BY DCH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY PRINCIPAL ENGINEER, PARK DEPARTMENT, TRAFFIC DIVISION, CHIEF PUB WKS ENGR — BY — DATE 9/26

APPROVED BY DIRECTOR OF PUBLIC WORKS — DATE 5-1-74

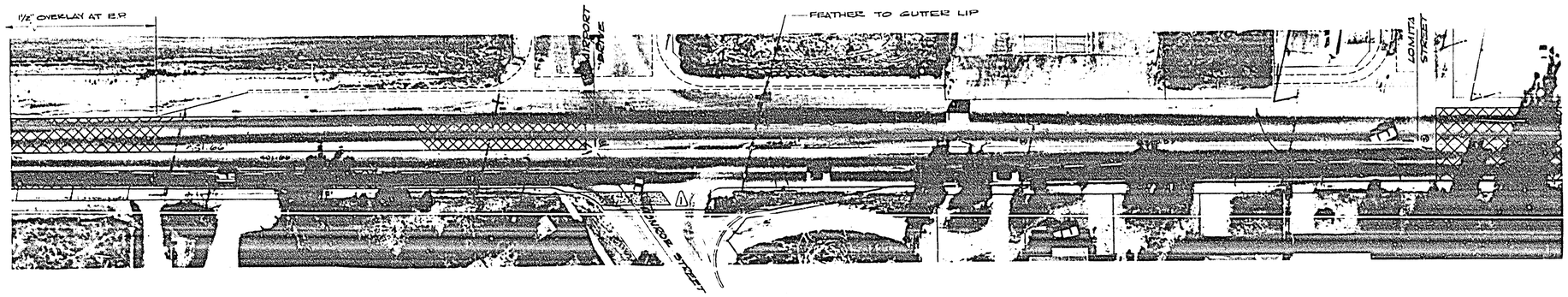
Arlington Avenue Leveling Course

SCALE 1" = 40'

ACCOUNT NO.

DRAWING NUMBER R-1748

SHEET 7 OF 16

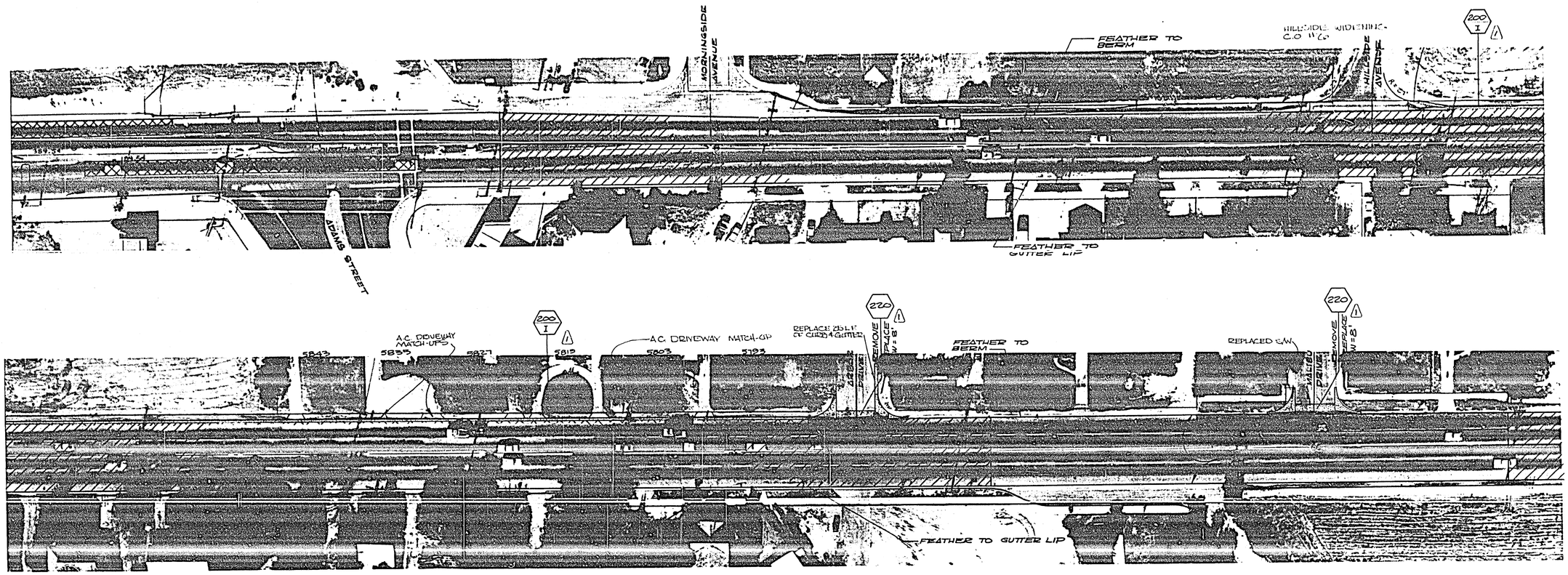


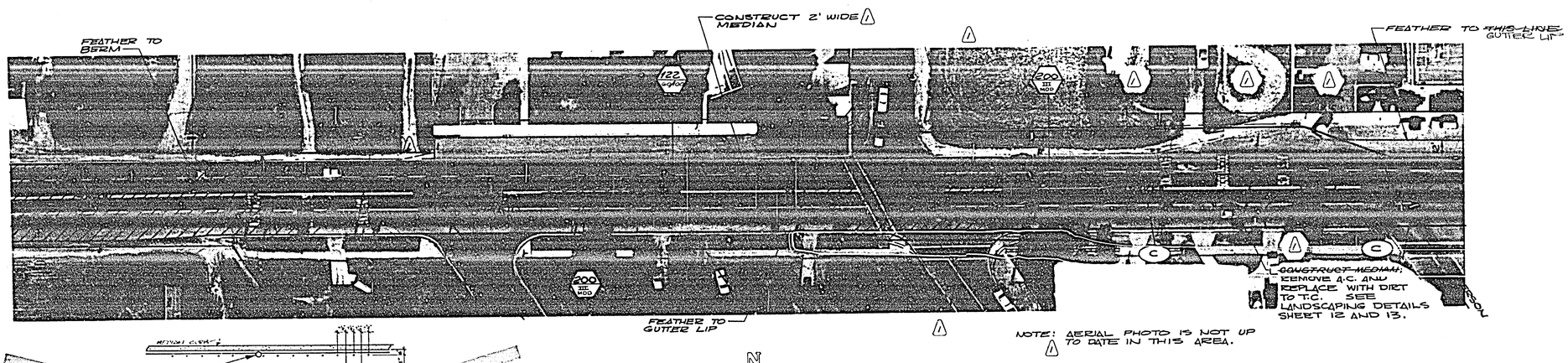
N

T.I. = 9.0

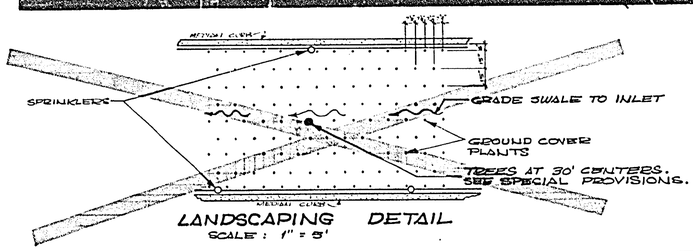
"AS BUILT" 6-76
By [illegible]
FAU M-6005 (003)

1 ADDED CONTROL SECTION, WIDEN'G AT MONROE	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course	ACCOUNT No
MARK / REVISIONS / APPR / DATE	APPROVED BY / PRINCIPAL ENGINEER / PARK DEPARTMENT / TRAFFIC DIVISION / CHIEF PUB WKS ENGR — BY / DATE — 4-30	APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS DATE 5-1-77	DRAWING NUMBER R-1748 SHEET 8 OF 16
DESIGNED BY RDG DRAWN BY [illegible] CHECKED BY [illegible]		SCALE: 1" = 40' AIRPORT TO URBAN	





NOTE: AERIAL PHOTO IS NOT UP TO DATE IN THIS AREA.



LANDSCAPING DETAIL
SCALE: 1" = 5'

N

"AS BUILT" 6-76 By TSB.

T.I. = 9.0

FAU M-6005 (003)

MARK	REVISIONS	APPR	DATE
1	ADDED DIMENSIONS; MISC. CHANGES DUE TO RECENT CONST. ADDED CURB & GUTTER HILLSIDE TO ARBOR		

DESIGNED BY RDE DRAWN BY R.W.Berry CHECKED BY DCH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

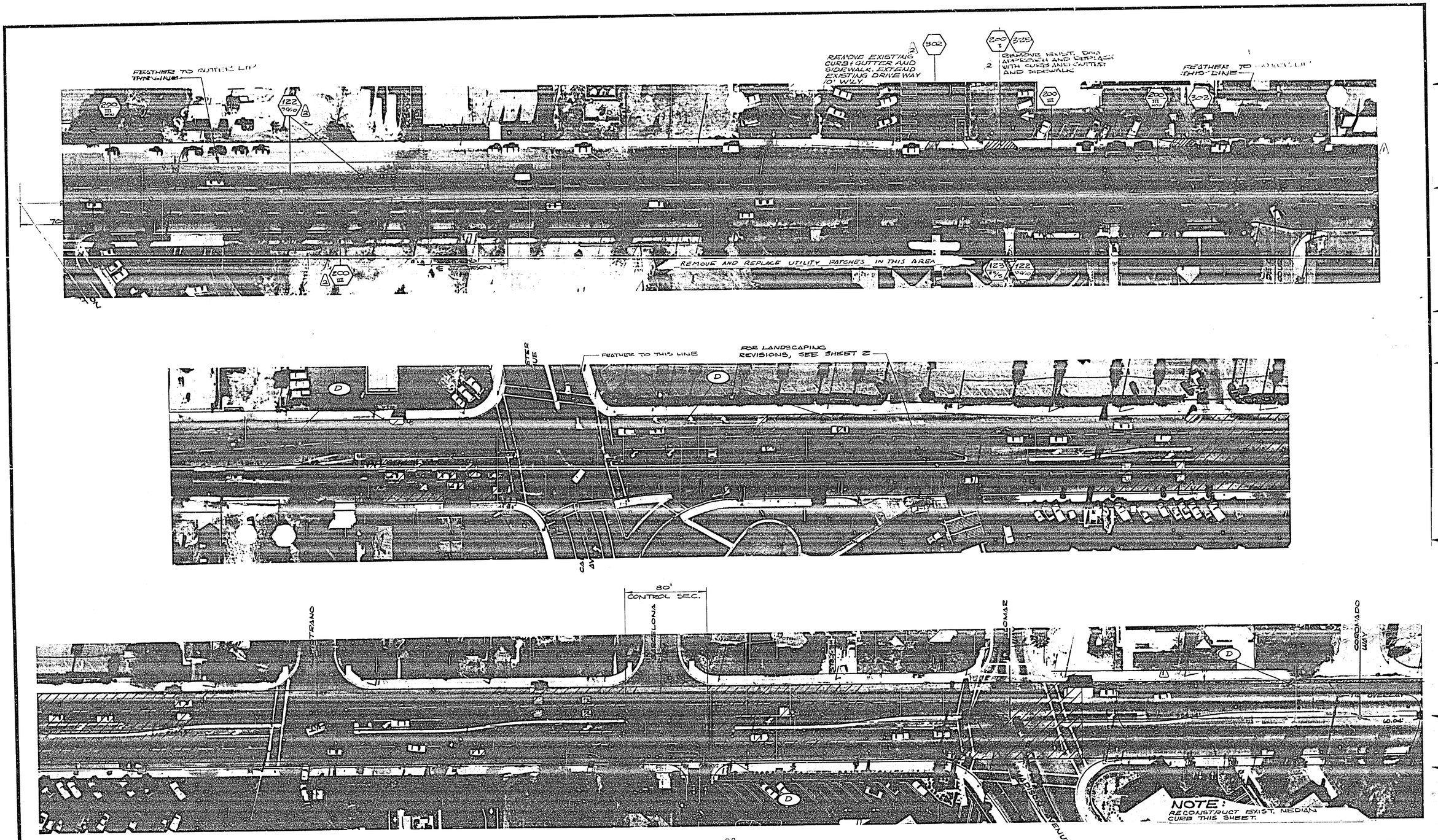
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		4/29
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB WKS ENGR		4-30

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 5-1-74

Arlington Avenue Leveling Course

SCALE: 1" = 40'
ADAMS TO JEFFERSON

ACCOUNT No.
DRAWING NUMBER
R·1748
SHEET 9 OF 16



T.I. = 9.0

FAU M-6005 (008)

1	ADD DIMENSIONS, SHIFT MEDIAN CURB, AC. REMOVAL AT N'LY G.L. EAST OF PALOMAR.		
2	CHANGED MEDIAN CONFIGURATION, CLOSED & SHIFTED DRIVEWAY APPROACHES		
MARK	REVISIONS	APPR.	DATE

DESIGNED BY [illegible] DRAWN BY [illegible] CHECKED BY [illegible]

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

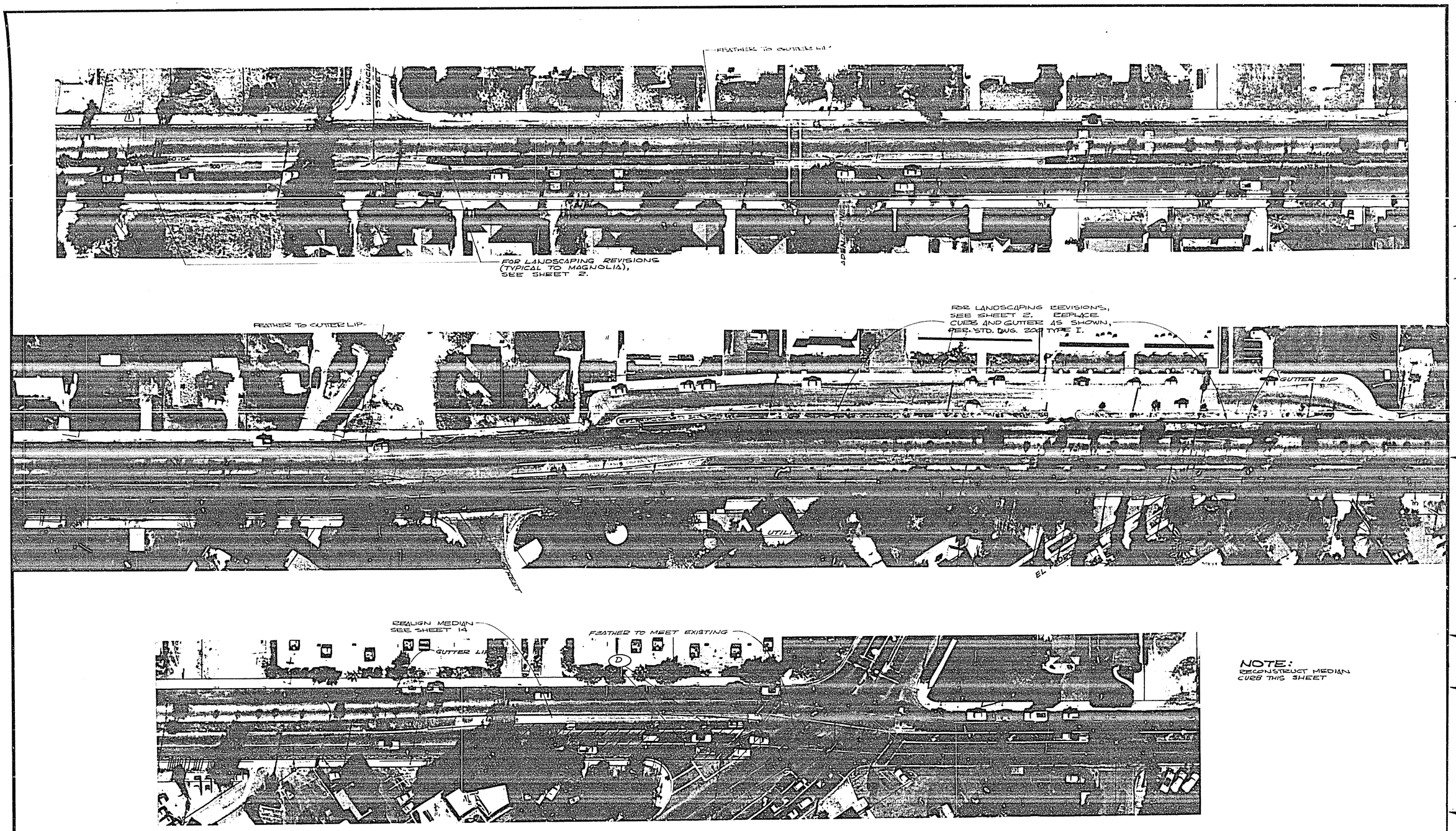
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	[illegible]
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB WKS ENGR	[illegible]	[illegible]

APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE [illegible]

Arlington Avenue Leveling Course

SCALE: 1" = 40' JEFFERSON TO CORONADO

ACCOUNT No
DRAWING NUMBER
R·1748
SHEET 10 OF 16



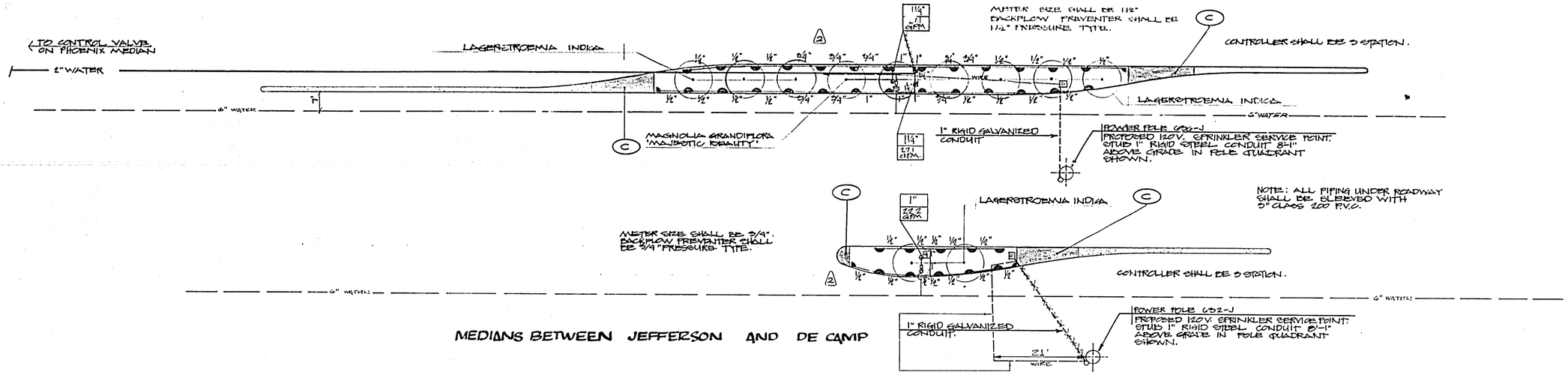
NOTE:
RECONSTRUCT MEDIAN CURB THIS SHEET

N

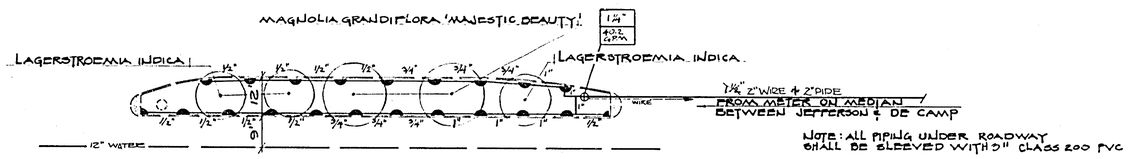
T.I. = 9.0

FAU M-6005(003)

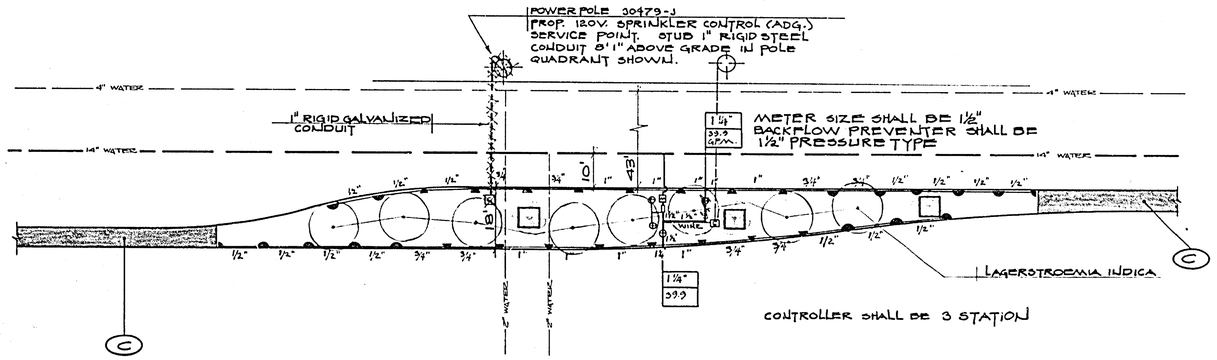
1 A.C. REMOVAL W'LY OF VALENCIA AT G.L.	CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course	ACCOUNT No. / DRAWING NUMBER R·1748
MARK / REVISIONS / APPR. / DATE	APPROVED BY / PRINCIPAL ENGINEER / PARK DEPARTMENT / TRAFFIC DIVISION / CHIEF PUB. WKS. ENGR. / BY / DATE	APPROVED BY / DIRECTOR OF PUBLIC WORKS / DATE	SCALE 1" = 40' VALENCIA TO MAGNOLIA / SHEET 11 OF 16
DESIGNED BY RdO DRAWN BY CHECKED BY DCH			



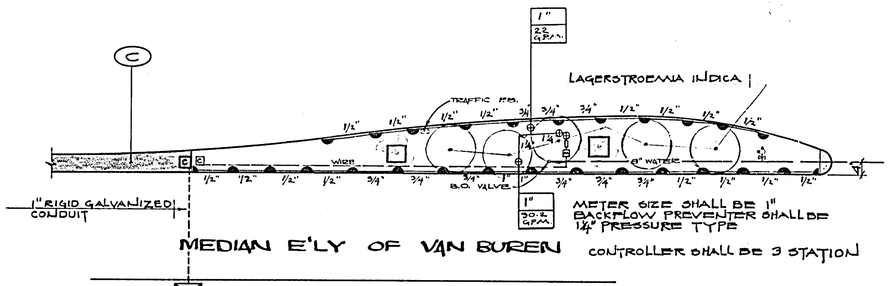
MEDIANS BETWEEN JEFFERSON AND DE CAMP



EXISTING MEDIAN E'LY OF PHOENIX



MEDIAN W'LY OF VAN BUREN



MEDIAN E'LY OF VAN BUREN

COM'L. SUBSURFACE TRANSFORMER ENCL. Nº C-1387
PROP. 120 VOLT SPRINKLER CONTROL SERVICE POINT.
TERMINATE CONDUIT PER PUBLIC UTILITY DEPT. INSTRUCTIONS. CAUTION - HIGH VOLTAGE - DO NOT ENTER ENCLOSURE WITHOUT UTILITY DEPT. APPROVAL AND STANDBY.

"AS BUILT" BY RJ 10-76
FAU N-6006 (003)

2 CHANGED MEDIAN CONFIGURATION JRC 7/10/75

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

DATE 3-5-75

Arlington Avenue Leveling Course

ACCOUNT NO.

R-1748

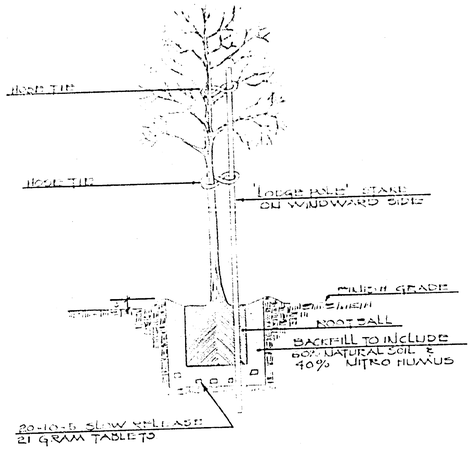
SHEET 12 OF 16

HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 20'

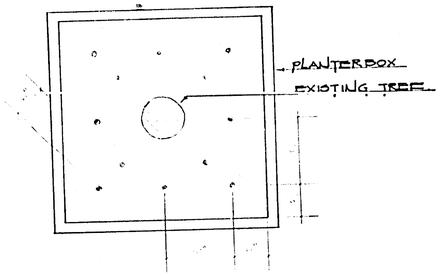
FILE NO.

ALL AREAS WITHIN EXISTING MEDIANS TO BE RAISED AND NEW MEDIANS EXCEPT WHERE ASPHALT IS INDICATED AND WITHIN TREE PLANTERS SHALL BE TURF. THE SEED MIXTURE SHALL CONSIST OF 15% KENTUCKY BLUE, 10% NEWPORT KENTUCKY BLUE, 45% RED FESCUE AND 30% ALTA. SOW AT THE RATE OF 8LBS PER 1,000 SQ.FT. PRIOR TO SEEDING APPLY AN ADDITIONAL 10LBS OF COMMERCIAL FERTILIZER PER 1,000 SQ.FT. AND RAKE INTO 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 PLANTING AREAS CULTIVATE THE SOIL TO A DEPTH OF 4". INCORPORATE THE FOLLOWING SOIL AMENDMENTS AT THE RATE OF: COMMERCIAL FERTILIZER 20LBS. PER 1000 SQ.FT., REDWOOD SHAVINGS (NITROGEN FORTIFIED) 2 CUBIC YARDS PER 1,000 SQ.FT.



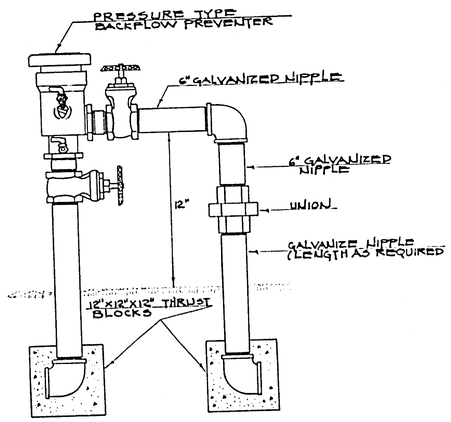
PIT PREPARATION OF TREES SHALL INCLUDE 60% NATURAL SOIL & 40% NITRO HUMUS. INCORPORATE 20-10-5 21 GRAM TABLETS AT THE RATE OF 3 TABLETS PER TREE.



IN ALL PLANTERS THAT WILL BE BUILT AROUND EXISTING TREES PLANT 'HEMEROCALLIS HYBRID ORANGE' FROM FLATS AS SHOWN ON DRAWING ABOVE.

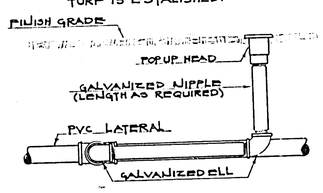
ALL TREES SHALL BE 24" BOX SIZE.

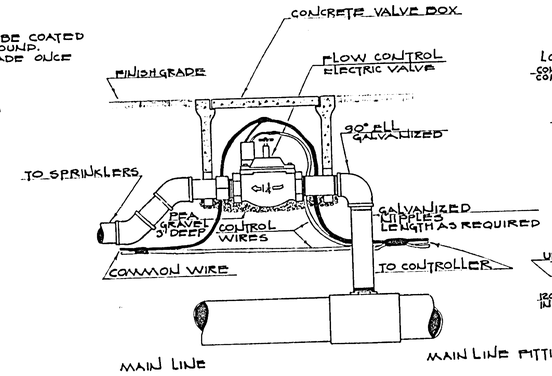
NOTE: ON ALL LAGESTROEMIA INDICA TREES THE TYPE SHALL BE RED (RUBRA)

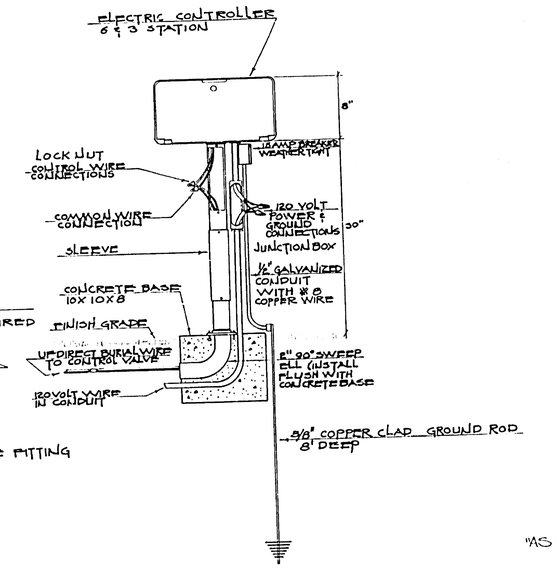


BACKFLOW PREVENTER UNIT

ALL GALVANIZED CONNECTIONS TO BE COATED WITH "LED LUBE" PIPE JOINT COMPOUND. ALL HEADS TO BE FLUSH WITH GRADE ONCE TURF IS ESTALISHED.







NOTE: CONTRACTOR SHALL CHECK WITH THE CITIES UTILITY DEPT. FOR ELECTRICAL SERVICE. THE CONTRACTOR SHALL INCLUDE ALL REQUIRED 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 CALIFORNIA ELECTRICAL SAFETY ORDERS. ALL CONDUCTORS SHALL BE 600V. INSULATED, CONDUIT SHALL COMPLY WITH THE REQUIREMENTS OF THE UNDERWRITERS LABORATORIES, FITTINGS SHALL BE GALVANIZED. ALL ABOVE GROUND ELECTRIC UNITS SHALL BE 'RAINTIGHT'. CONTROL WIRES ARE TO BE PLACED AT A DEPTH OF 18".

A 15 AMP WEATHER PROOF THERMAL CIRCUIT BREAKER SHALL BE INSTALLED ON THE CONTROLLER TO BREAK AN OVERLOADED CIRCUIT THAT MAY OCCUR TO PREVENT DAMAGE TO WIRING & COMPONETS.

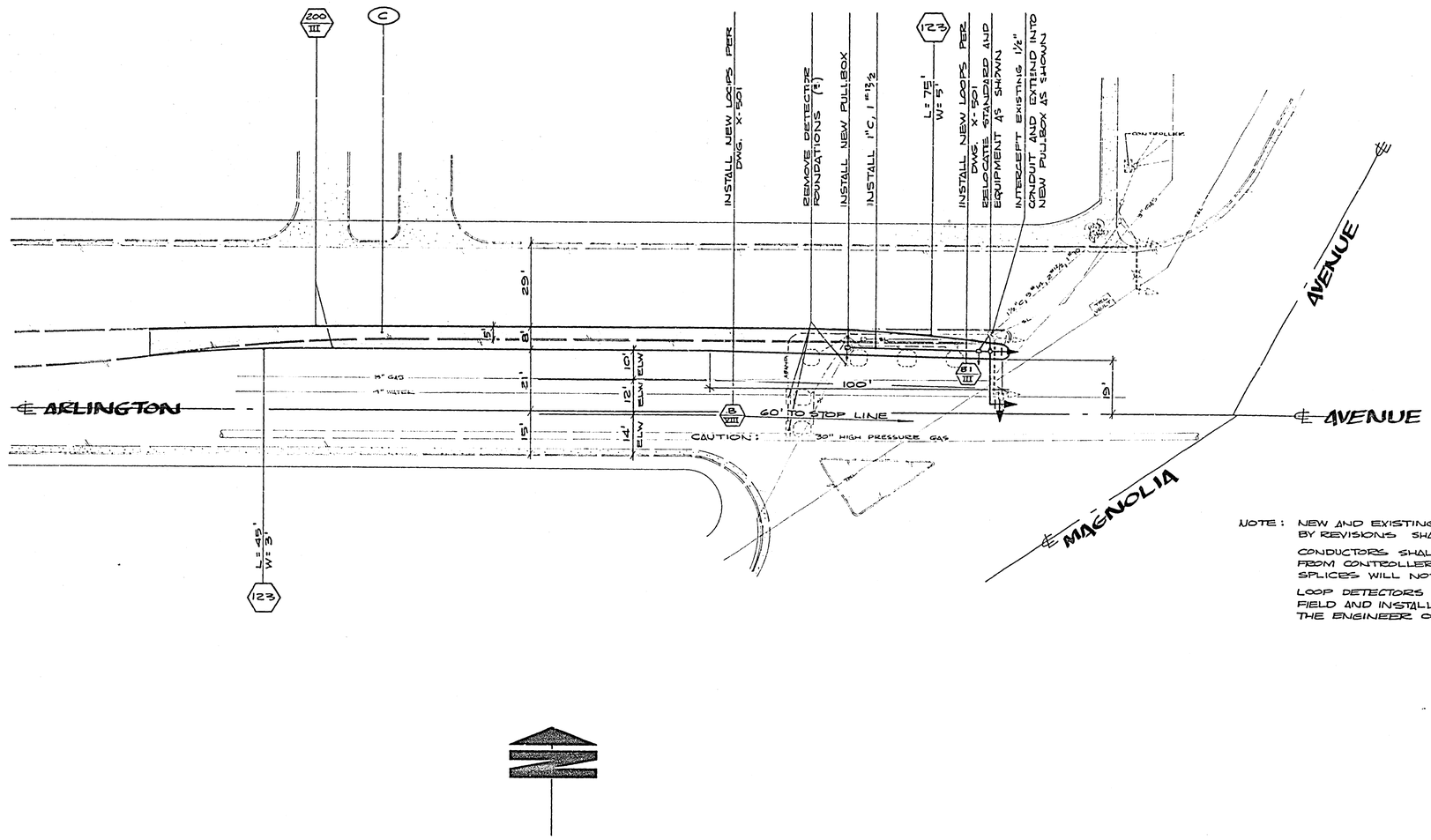
SPRINKLER LENGEND

SYMBOL	DESCRIPTION	RAD.	G.P.M.	PRESS.
◣	QUARTER POP-UP SPRAY WITH DIE CAST BRASS BODY USE UNDER SIZE NOZZLE	12'	1.1	30
◓	HALF POP-UP SPRAY " " " " " USE UNDER SIZE NOZZLE	12'	2.0	30
◒	HALF POP-UP SPRAY " " " " " USE STANDARD SIZE NOZZLE	14'	3.1	30
⊕	ELECTRIC CONTROL VALVE WITH FLOW CONTROL & (SIZE INDICATED) SELF FLUSHING METERING PIN			200 PSI RATED
C	ELECTRIC CONTROLLERS, 24 VOLT LOW VOLTAGE 6 & 3 STATION INDICATED & INSTALLED PEDESTAL MOUNT			
⊠	METER TO BE INSTALLED BY CITY, PAID FOR BY CONTRACTOR SIZE INDICATED ON DRAWING			
▯	BACKFLOW PREVENTER PRESURE TYPE (SIZE INDICATED)			
——	CLASS 200 PVC SIZE INDICATED ON DRAWING			

"AS BUILT" 5-77 dV

FAU M-6005 (003)

JR. KING / GR. KING	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course	ACCEPTED R-1748 SHEET 13 OF 16
	3-5-77		



NOTE: NEW AND EXISTING CONDUIT AFFECTED BY REVISIONS SHALL HAVE NEW CONDUCTORS.

CONDUCTORS SHALL BE A CONTINUOUS RUN FROM CONTROLLER TO POINT OF TERMINATION. SPLICES WILL NOT BE ALLOWED.

LOOP DETECTORS SHALL BE LOCATED IN THE FIELD AND INSTALLED IN THE PRESECE OF THE ENGINEER OR HIS REPRESENTATIVES.

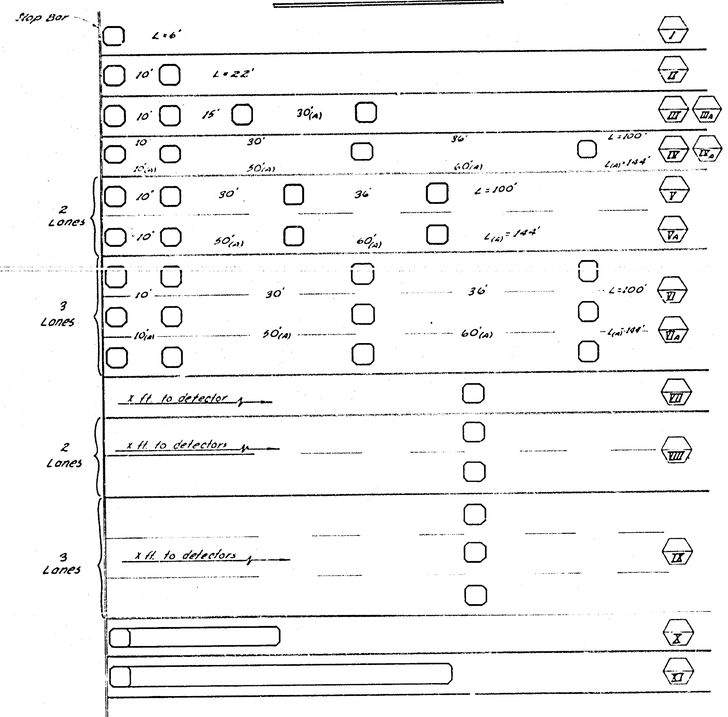
"AS BUILT" 5-71
JV

TRAFFIC SIGNAL AND MEDIAN RELOCATIONS AT MAGNOLIA

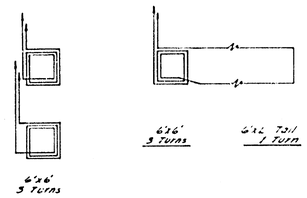
FAU M-6005 (003)

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	Arlington Avenue Leveling Course	ACCOUNT NO.	R-1748
APPROVED BY DATE 3-5-75	SCALE: 1" = 20'	SHEET 14 OF 16	

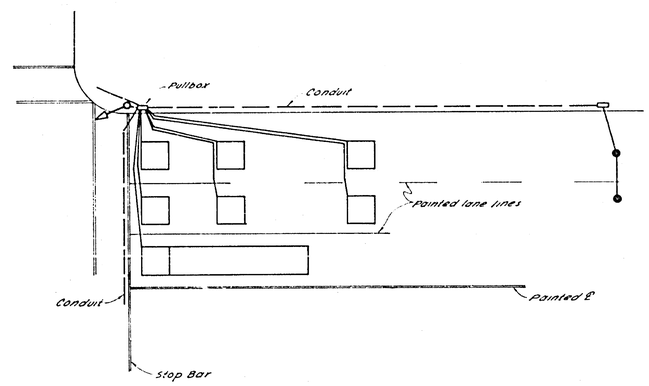
Loop Detector Configuration



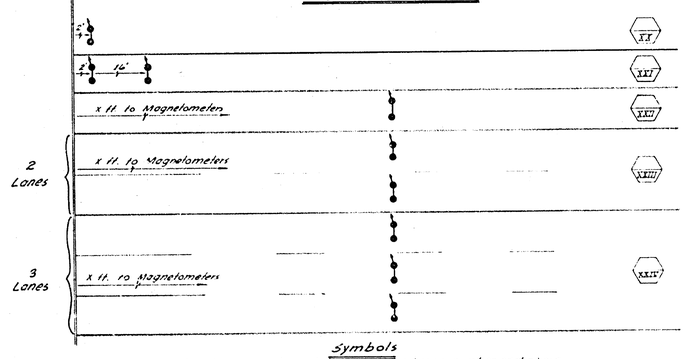
Loop Winding Pattern



Typical Detail Indicating Conductors Lead-in To Pull Box



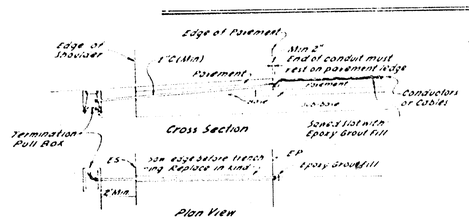
Magnetometer Detectors



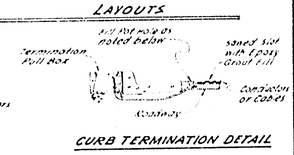
Symbols

- Sensor unit reference code; indicating designed lane number and phase. Code to correspond with conductor labeling. Roman numeral indicates type of installation as shown above.
- Termination pullboxes are number (5) five where used for detector leads.
- L — Overall length of zone of detection.
- 6'x6' detector loop configuration.
- 6'x6' h.c. with x'x specific length tail configuration.
- Magnetometer sensoring element.
- 10' — Reference distance between stop Bar and detector or between detectors as indicated on plans.

LAYOUTS



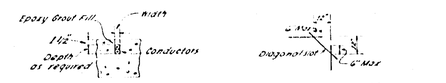
SHOULDER TERMINATION DETAIL



CURB TERMINATION DETAIL

Filling of Pull Hole:

1. Scape sand to completely cover exposed conduit end.
2. Spray asphaltic oil on sand.
3. Fill remaining portion of pole with hot asphalt concrete to surrounding grade.



SLOT DETAILS

Magnetometer Sensing Element Installation

1. Shall be installed in accordance with the manufactors recommendations.
2. Magnetometer lead in cable, to controller, shall comply with the specification described in the special Provisions.

Loop And Magnetometer Installation Procedure

Installation shall be in accordance with the specifications described in the Special Provisions.

Notes:

1. The inductive loop detectors configuration shown on plans are minimum requirements, however, the actual configuration with regards to size of loop and number of turns shall be installed in accordance to the manufactors recommendations.
2. Loop or magnetometer detectors location will be designated in the field by the Engineer or his representative.
3. Effective lane width (ELW) will be shown on plans even if lane is not to be striped.
4. A minimum of 4 feet will be maintained between loops of adjacent lanes.
5. If terminal pull box is on opposite side of roadway, run connecting slots on that side of detector installation.
6. Loop or magnetometer detectors shall be installed in the presence of the Engineer or his representative.

"AS BUILT" 5-77 JV.

FAU M-6005(003)

MARK	REVISIONS	APPR	DATE
	Change detection length		8-19-76
	Change length of detection Config II		4-19-76
	Loop & Magnetometer Configuration		12-8-75

DESIGNED BY ___ DRAWN BY JMW CHECKED BY ___

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB WKS ENGR.		

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 3-4-75

Arlington Avenue Leveling Course

R-1748

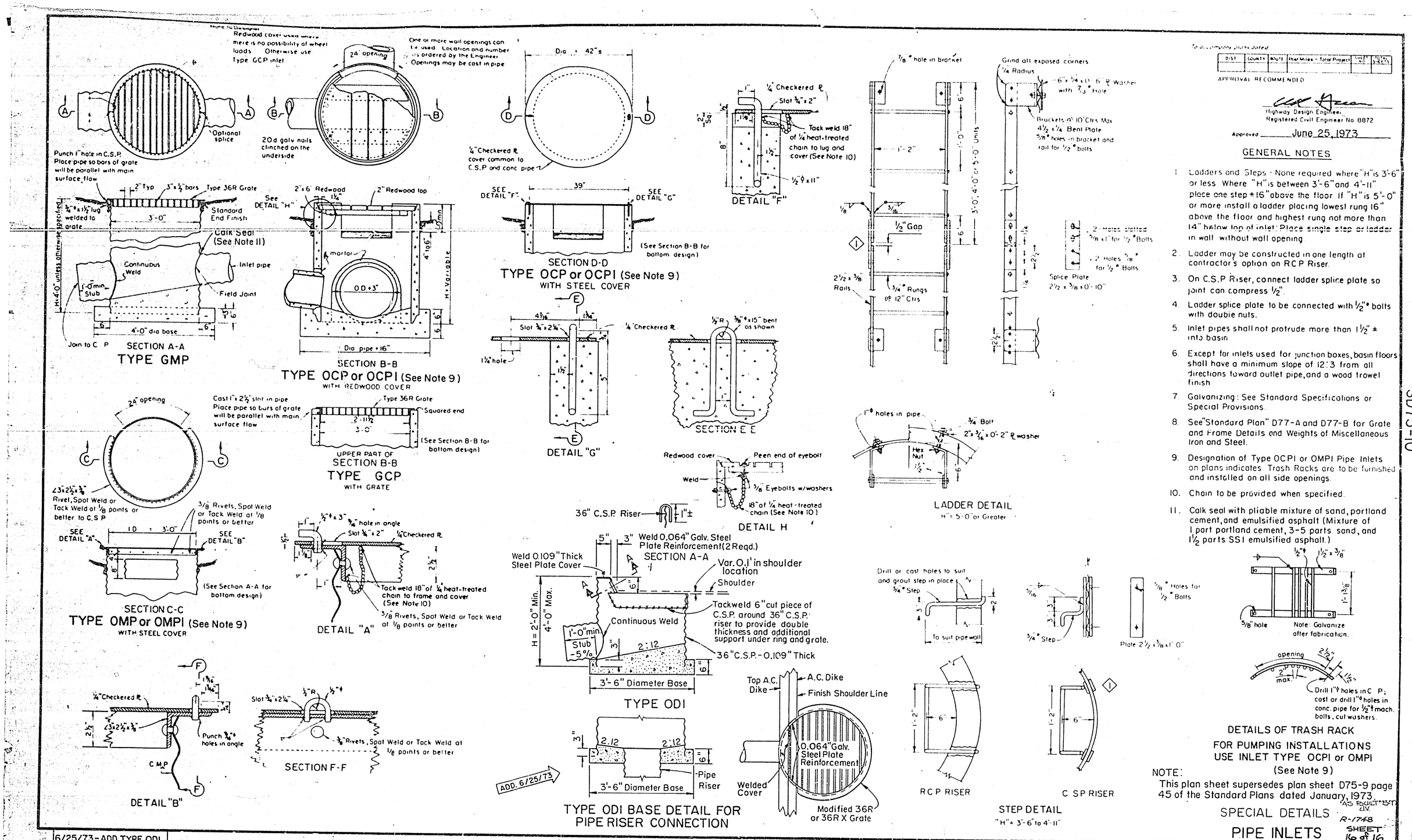
LOOP & MAGNETOMETER DETECTOR INSTALLATION DETAIL

SCALE: None

ACCOUNT No.

DRAWING NUMBER X-501

SHEET 15 OF 16



DIST	COUNTY	ROUTE	Post Miles - Total Project	SHEET NO.	TOTAL SHEETS

APPROVAL RECOMMENDED

Highway Design Engineer
Registered Civil Engineer No. 8872

Approved June 25, 1973

GENERAL NOTES

1. Ladders and Steps - None required where "H" is 3'-6" or less. Where "H" is between 3'-6" and 4'-11" place one step ± 16" above the floor. If "H" is 5'-0" or more install a ladder placing lowest rung 16" above the floor and highest rung not more than 14" below top of inlet. Place single step or ladder in wall without wall opening.
2. Ladder may be constructed in one length at contractor's option on R.C.P. Riser.
3. On C.S.P. Riser, connect ladder splice plate so joint can compress 1/2".
4. Ladder splice plate to be connected with 1/2" ϕ bolts with double nuts.
5. Inlet pipes shall not protrude more than 1 1/2" ± into basin.
6. Except for inlets used for junction boxes, basin floors shall have a minimum slope of 12:3 from all directions toward outlet pipe, and a wood trowel finish.
7. Galvanizing: See Standard Specifications or Special Provisions.
8. See "Standard Plan" D77-A and D77-B for Grate and Frame Details and Weights of Miscellaneous Iron and Steel.
9. Designation of Type OCPI or OMPI Pipe Inlets on plans indicates Trash Racks are to be furnished and installed on all side openings.
10. Chain to be provided when specified.
11. Calk seal with pliable mixture of sand, portland cement, and emulsified asphalt (Mixture of 1 part portland cement, 3-5 parts sand, and 1 1/2 parts SS1 emulsified asphalt.)

NOTE:
This plan sheet supersedes plan sheet D75-9 page 45 of the Standard Plans dated January, 1973.

"AS BUILT" STD. DIV.
R-1748

SPECIAL DETAILS

PIPE INLETS

SHEET 16 of 16

FAUM-6005(003)

SD 75-10

SD75-10