RIVERSIDE CALIFORNIA

CITY OF RIVERSIDE — INCORPORATED 1883

PUBLIC WORKS DEPARTMENT

ARLINGTON-VAN BUREN STORM DRAIN

CONSTRUCTION LEGEND

CENTER LINE —℄— - —

RIGHT-OF-WAY LINE —R/W—

SUBDIVISION LOT LINE —℞—

TOP OF SLOPE

TOE OF SLOPE

DIRECTION OF FLOW

A.C. OVERLAY

SPECIFIC CONSTRUCTION NOTES

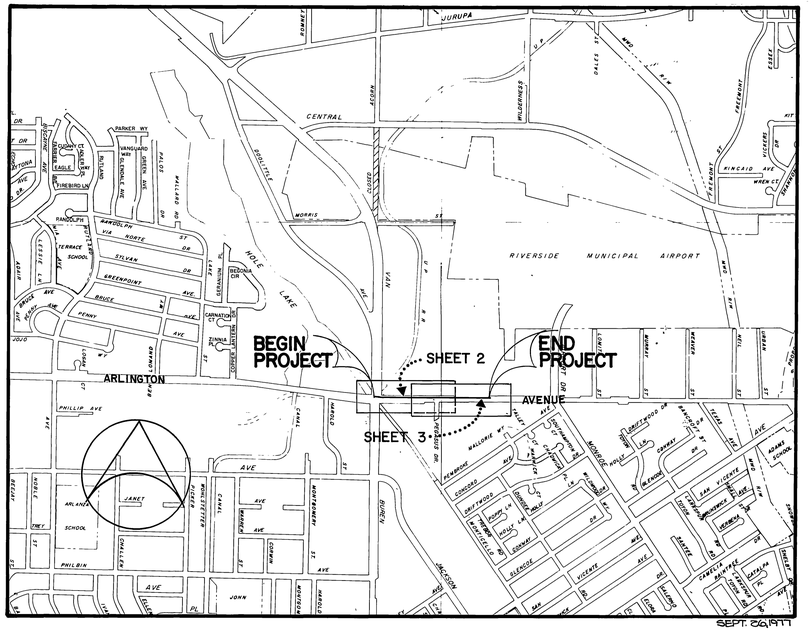
⬢ NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET BELOW. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.

GENERAL CONSTRUCTION NOTES

(1) ALL CONCRETE PLACED AS PART OF THIS CONTRACT SHALL BE 564-B-3000. ACCELERATING ADMIXTURES ARE PERMISSIBLE FOR CONCRETE PIPE BEDDING.

(2) EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES, WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. IF THE COVER OF A UTILITY IS KNOWN IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE WITH:?, INDICATES THAT THE COVER IS UNKNOWN.

(3) TRENCH RESURFACING SHALL BE A.C. FROM THE TOP OF THE SPECIFIED BEDDING MATERIAL TO THE SURFACE PLUS A 1"X 12' A.C. CAP OVER THE TRENCH.



PROJECT LOCATION PLAN

0 KM. 0.5 KM. 1 KM. 1.5 KM.

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

SCALE 1"= 1000'

EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	—8"S—	TELEPHONE CONDUIT	—T— —T—
WATER LINE	—6"W—	ELECTRICAL CONDUIT	—E— —E—
STORM DRAIN	—24" D—	STREET LIGHTING	—SL— —SL—
GAS LINE	—3"G—	TRAFFIC SIGNAL	—SIG— —SIG—
IRRIGATION LINE	—20" IRR—	FIRE ALARM	—F— —F—

EXISTING TOPOGRAPHY:

- BLOCK WALL
- BOARD FENCE
- WIRE FENCE
- CHAIN LINK FENCE
- TOP OF SLOPE
- TOE OF SLOPE
- DIRECTION OF FLOW
- SANITARY SEWER M.H.
- SANITARY SEWER CLEANOUT
- STORM DRAIN M.H.
- IRRIGATION WEIR
- WATER M.H.
- GAS M.H.
- ELECTRIC M.H.
- TELEPHONE M.H. OR VAULT
- WATER METER
- FIRE HYDRANT
- SPRINKLER HEAD
- VALVE
- AIR VALVE
- AIR VENT
- POLE & GUY ANCHOR
- ELECTRIC POLE
- TELEPHONE POLE
- JOINT USE POLE
- PULL BOX
- TRAFFIC SIGN
- PARKING METER
- FIRE ALARM BOX
- STREET NAME SIGN
- GAS METER
- MAIL BOX
- FAUCET
- TELEPHONE RISER
- WHEEL STOP
- A.C. BERM
- STEEL POST
- WOOD POST
- PEDESTRIAN PUSH BUTTON
- RAILROAD TRACKS
- RAILROAD SIGN
- RAILROAD SIGNAL
- STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
- STREET LIGHT (UPRIGHT)
- STREET LIGHT
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL ON MAST ARM
- TRAFFIC SIGNAL CONTROLLER
- TRAFFIC SIGNAL PRESSURE DETECTOR
- TRAFFIC SIGNAL LOOP DETECTOR
- CONCRETE
- ASPHALT
- EDGE OF PAVEMENT
- BUILDING
- UNDERGROUND STRUCTURE
- OVERHANGING STRUCTURE
- CITRUS TREE
- DECIDUOUS TREE
- PALM TREE
- SHRUBBERY
- TREE STUMP
- EVERGREEN TREE

* "AS-BUILT" 4-21-78 J.V.

INDEXED R.R

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	BY	DATE
APPROVED BY		
PRINCIPAL ENGINEER	[illegible]	11/9
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	[illegible]	11/9/77
CHIEF R.W. ENGINEER	[illegible]	11-9

APPROVED BY: [signature] PUBLIC WORKS DIRECTOR R.C.E. 8134

DATE 11-9-77

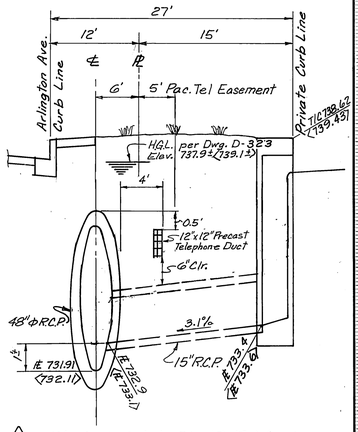
ARLINGTON AVENUE STORM DRAIN

ACCOUNT NO. 09-573-420

DRAWING NUMBER D-323

SHEET 1 OF 2

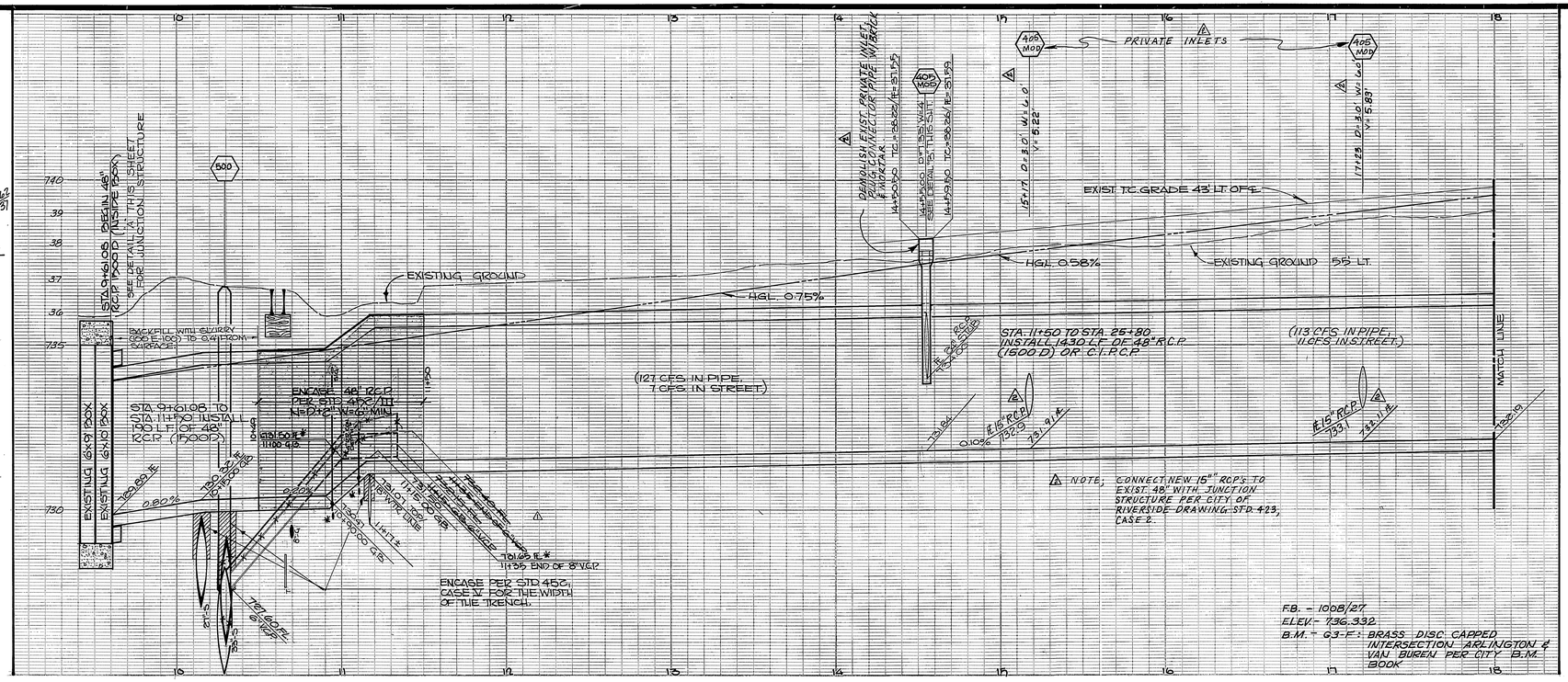
DESIGNED BY DE DRAWN BY J.V. CHECKED BY R.E.H.

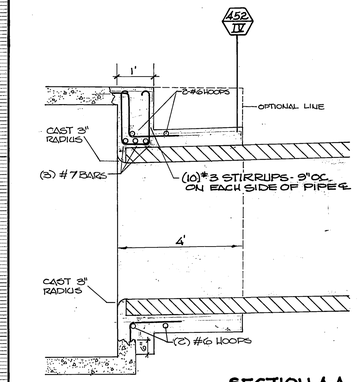


2 **Westerly Inlet, Sta. 15+17 Arlington**

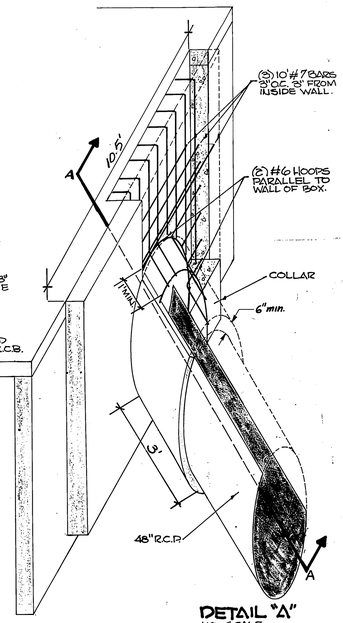
Scale Horiz. 1"=8'
Vert 1"= 2'

Elevations shown in <brackets> refer to Inlet at Sta. 17+23. Rest of detail is identical.





SECTION A-A



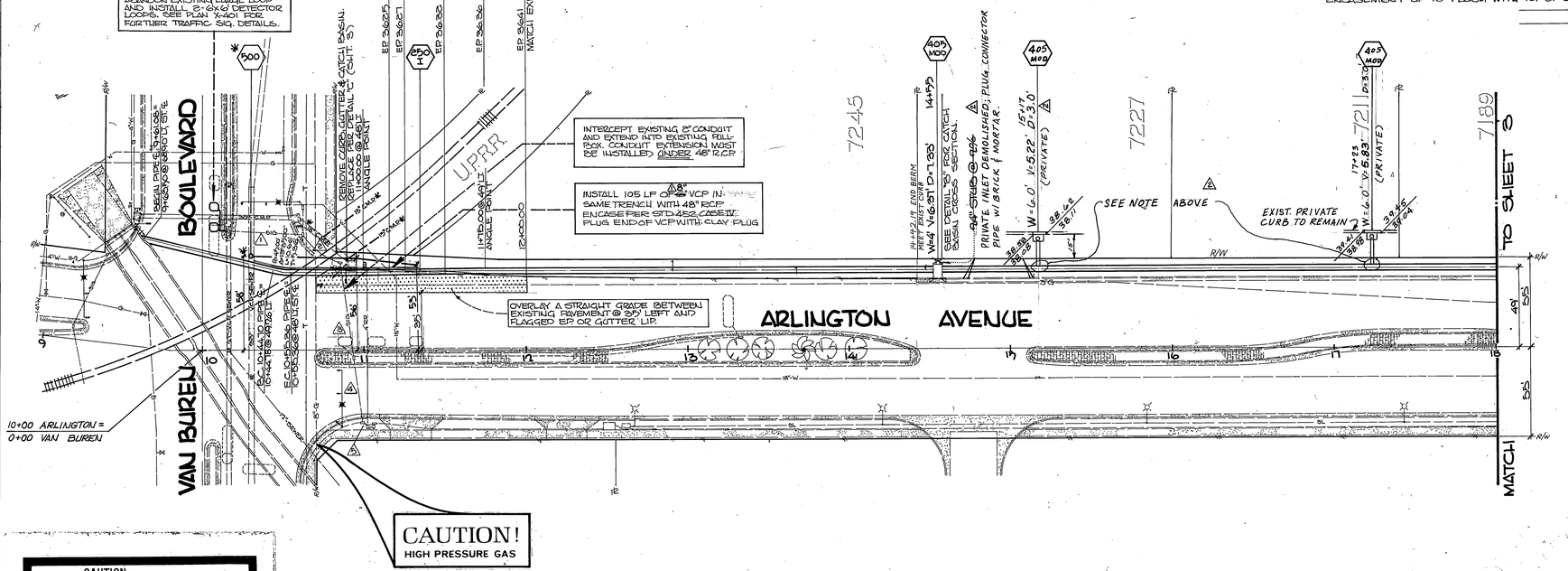
DETAIL "A"
NO SCALE

CONDUCTOR SCHEDULE

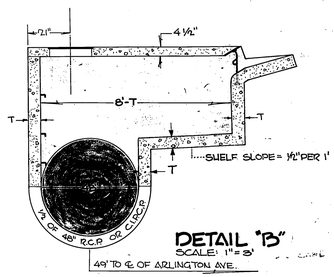
CONTROL FUNCTION	CONDUCTORS SIZE	INSULATION	1	2	3	4	5
VEHICLE HEADS	#14	U.F.					
ϕ A1				3	3	3	3
ϕ A2							3
ϕ A3							3
ϕ A4							3
ϕ B1							3
ϕ B2				3	3	3	6
ϕ B3							3
ϕ B4					3	3	3
PEDESTRIAN HEAD							
ϕ A1 W				2	2	2	2
ϕ A2 W							2
ϕ A3 W							2
ϕ A4 W					2	2	4
PED. PUSH BUTTON							
ϕ A1 W					1	2	3
ϕ A2 W							3
ϕ A3 W							3
ϕ A4 W			1	2	2	2	3
SPARES			2	3	3	3	6
DETECTOR CABLE	#12½	P.E.					
ϕ A1							2
ϕ A2			1	1	1	1	1
ϕ A3							2
ϕ A4						1	1
ϕ B1			1	1	1	1	1
ϕ B2							1
ϕ B3						1	1
ϕ B4							2
ST. NAME SIGN	#12			2	2	2	
12 V. COMMON	#14	U.F.	1	1	1	1	2
120 V. COMMON	#10			1	1	1	2
SIGNAL SERVICE	#8						2
LUMINAIRES		T.H.W.		2	2	2	
R.R. PRE-EMPTION	#14	U.F.					2
TOTALS	#14	U.F.	5	14	20	21	59
	#12½	P.E.	2	2	2	4	11
	#12	U.F.		2	2	2	
	#10			1	1	1	2
	#8						2
		T.H.W.		2	2	2	
CONDUIT SIZE			1½" (EX.)	2" (EX.)	2" (EX.)	2½" (EX.)	3" (EX.)

CONDUIT RUNS 1 THRU 4 SHALL HAVE NEW CONDUCTORS; RUN 5 SHALL HAVE SOME NEW CONDUCTORS.

ABANDON EXISTING LARGE LOOP AND INSTALL 2-6'x6' DETECTOR LOOPS. SEE PLAN X-401 FOR FURTHER TRAFFIC SIG. DETAILS.



REMOVE CONCRETE FROM WALL OF R.C.B. TO A DISTANCE OF 6" FROM THE OUTSIDE OF THE 48" R.C.P. EVERYWHERE EXCEPT AT THE TOP OF THE PIPE. REMOVE ENOUGH CONCRETE THERE TO ACCOMODATE THE (5) 10' LONG #7 BARS ON TOP OF PIPE. BEND ALL EXISTING BARS PARALLEL TO THE PIPE AND TIE THEM TO THE (2) #6 HOOPS. INSTALL PIPE AND ENCASE JUNCTION PER STANDARD 452, CASE IV. EXTEND ENCASEMENT UP TO FLUSH WITH TOP OF EX. R.C.B.



DETAIL "B"
SCALE: 1"= 3'

* "AS-BUILT" 4-21-18 JN.

— CAUTION —
PACIFIC TELEPHONE CABLES UNDERGROUND
BEFORE EXCAVATING
CALL COLLECT:

	7:30 A.M. to 5 P.M.	After Hours & Holidays
Orange County	714-633-0811	714-547-6606
Riverside County	714-684-0071	714-547-6606
Inyo County	714-684-0071	714-547-6606
San Bernardino County	714-684-0071	714-547-6606
Los Angeles County	213-621-3111	24 HOUR SERVICE
Ventura County	213-621-3111	
San Diego County	714-298-0595	714-232-0027

FOR FREE CABLE LOCATING SERVICE

MARK	REVISIONS	APPR.	DATE
1	6" TO 8" V.C.P. AND GRADE CHANGE. JN.		4-21-18
2	ADD 2 JUNCTIONS FOR 15" RCP PRIVATE DRAINAGE; DEMOLISH & PLUG PRIVATE INLET JBR 11/30/18		12/18

DESIGNED BY DF DRAWN BY JKV CHECKED BY CEH

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED BY		
PRINCIPAL ENGINEER		11/28
PARK DEPARTMENT	—	—
TRAFFIC DIVISION		11/29/18
CHIEF P. W. ENGINEER		11-29

APPROVED BY: R.C.E. 8134
PUBLIC WORKS DIRECTOR
DATE 11-9-18

ARLINGTON AVENUE STORM DRAIN

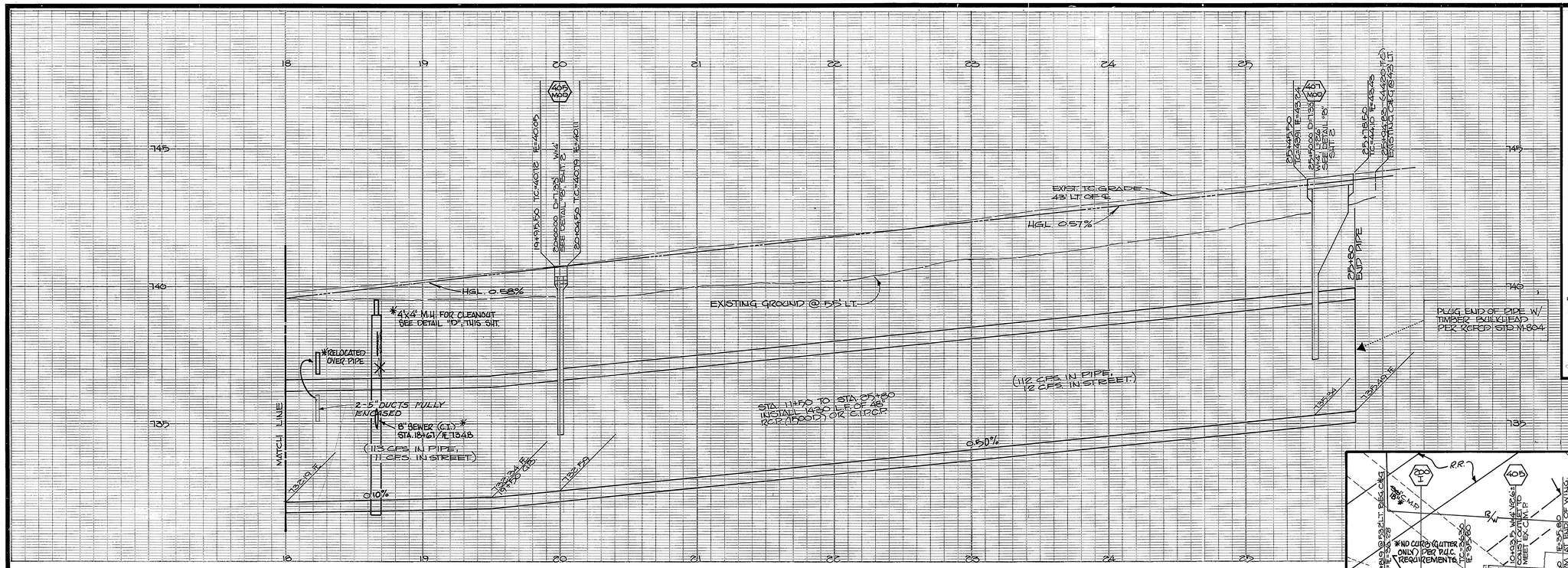
HORIZ. SCALE: 1" - 40' VERT. SCALE: 1" - 2'

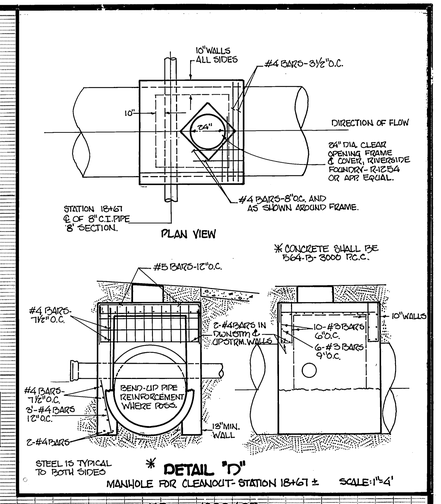
ACCOUNT NO. 09-573-420

D-323

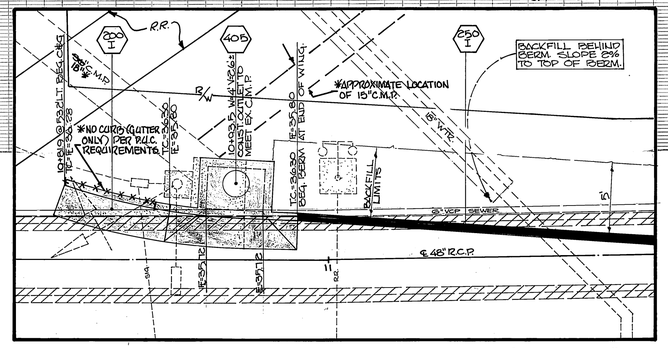
SHEET 2 OF 3

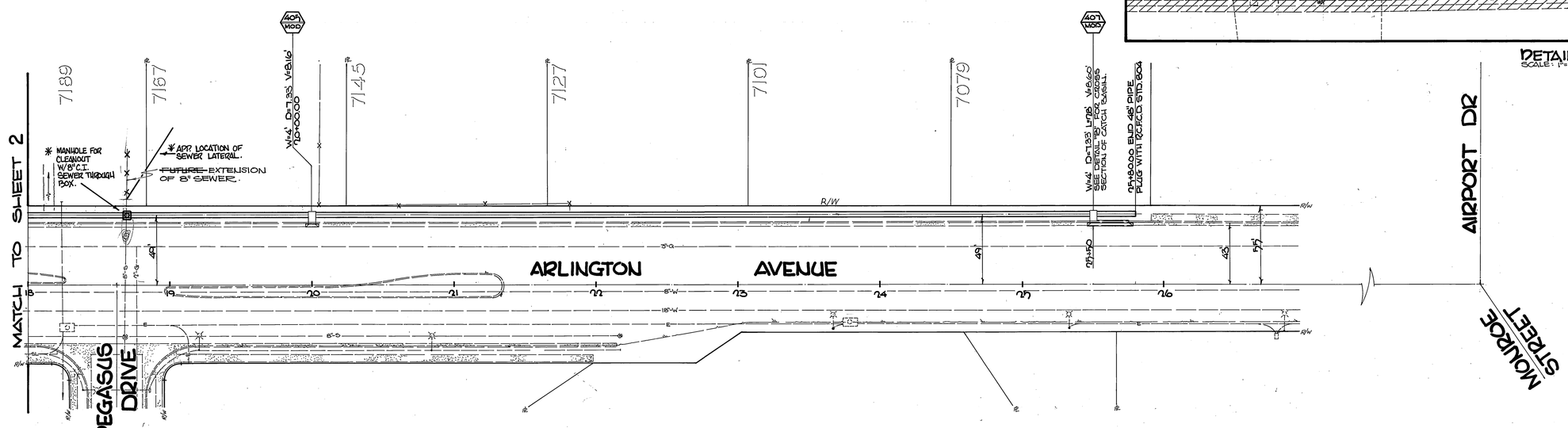
FILE NO.





F.B. - 1008/27
ELEV - 736.332
B.M. - G3-F: BRASS DISC CAPPED INTERSECTION ARC/VICTORIA VAN BUREN PER CITY B.M. BOOK





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DESIGNED BY DE DRAWN BY JN&GT CHECKED BY REH

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	APPROVED BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION	RLS	11/7/77
CHIEF P. W. ENGINEER		11-9

APPROVED BY: R.C.E. 8134 PUBLIC WORKS DIRECTOR
DATE 11-9-77

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SHEET 3 OF 3

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