

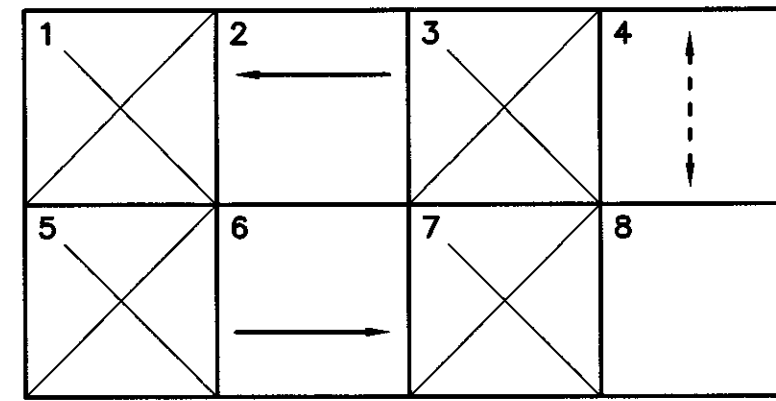
SIGNAL STANDARD SCHEDULE					
No.	TYPE	FOUND. TYPE	PED. PUSH BUT'N TYPE	PHASE	REMARKS
1	336 Cab	F-8	-	-	Install ATSC 2070 controller in 336 cab.
2	26-4-100	CIDH	APS(4P)	4	40' M.A., F1=10', F2=15'
3	1	F-1	-	-	
4	1	F-1	APS(4P)	4	
5	-	-	-	-	
6	-	-	-	-	
7	-	-	-	-	
8	-	-	-	-	

* As Per LADOT Std. Dwg. No. S-52.1.6 Signed April 26, 2012

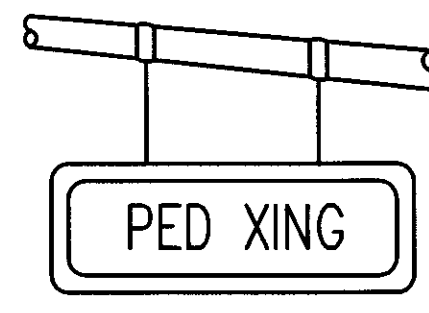
CONDUCTOR SCHEDULE										
SIZE	CABLE / WIRE	RUN								
3	CONDUCTOR CABLE 3 X #14									
5	CONDUCTOR CABLE 5 X #14		1	2					5	
9	CONDUCTOR CABLE 8 X #14 & 1 X #10 (COM)									
13	CONDUCTOR CABLE 12 X #14 & 1 X #10 (COM)			1						1
28	CONDUCTOR CABLE 27 X #14 & 1 X #10 (COM)					1				
6	SERVICE	2	2	2	2				2	
14	PEDESTRIAN PUSHBUTTON								2	
12	BUS DLC (1-PAIR)									
18	DLC (2 PAIR)	1	1	1					1	2
18	DLC (3 PAIR)									
18	DLC (4 PAIR)									
14	DLC (EXISTING)									
22	I/C (12 PAIR)						1	1	1	1
14	ACCESSIBLE PEDESTRIAN SIGNAL (APS)									
CONDUIT SIZE		2"	2"	2"	2"	3"	3"	3"	3"	3"

NOTE: FOR EXISTING CONDUIT RUNS DESIGNATED WITH AN "*" (ABOVE), THE CONTRACTOR SHALL ADD/INSTALL NEW CONDUCTORS/CABLES AND PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

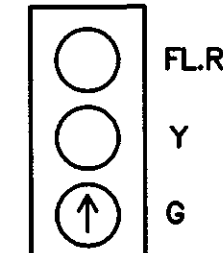
PAIR ASSIGNMENT TABLE														
Hub Name	Channel	Address	Trunk	Size	TX	RX	Limb	Size	TX	RX	Branch	Size	TX	RX
FS63	37	2	C13	25	6	7	C13-2	12	8	9	C13-2-1	12	8	9



PROPOSED PHASE DIAGRAM



DETAIL "A"
(Not to Scale)



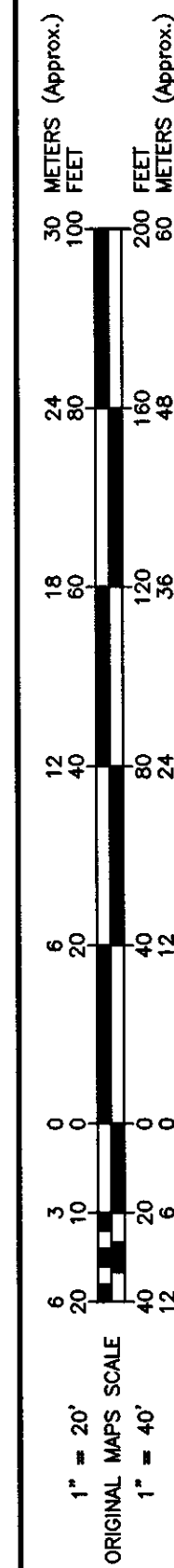
DETAIL "B"
(Not to Scale)

NOTES:

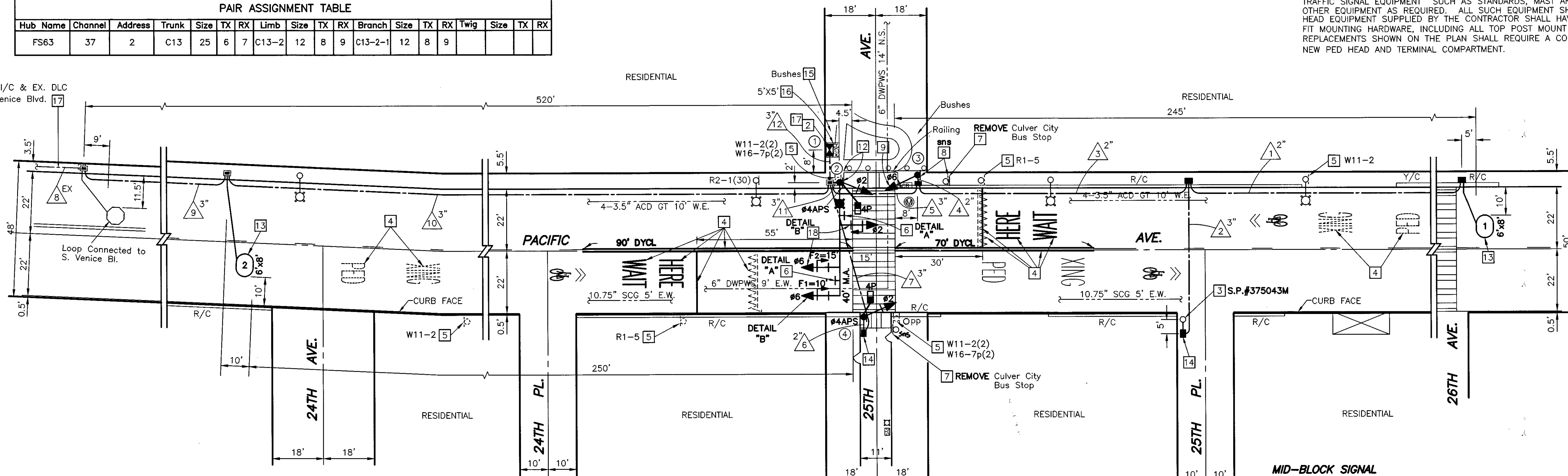
1. PED.-ACTUATED OPERATION (ATSAC 2070 CONTROLLER IN 336 CABINET)
 - 02 - PACIFIC AVE NB
 - 04 - PED. XING
 - 06 - PACIFIC AVE SB
2. **MAR VISTA ATSC SYSTEM (DIRECT WIRE CABLE INTERCONNECT)**
 INSTALL ATSC 2070 CONTROLLER IN 336 CABINET. THE CONTRACTOR SHALL PROVIDE A COMPLETE FUNCTIONING CONTROLLER ASSEMBLY AND CABINET CONFORMING TO THE LATEST LADOT SPECIFICATION FOR 2070 CONTROLLER AND 336 CABINET AND SHALL INCLUDE ALL NECESSARY AUXILIARY EQUIPMENT TO PROVIDE A COMPLETE AND FUNCTIONING CONTROLLER. CONTRACTOR TO DELIVER COMPLETELY ASSEMBLED CONTROLLER FOR TESTING TO THE DEPARTMENT OF TRANSPORTATION GENERAL SHOP, PIPER TECHNICAL CENTER, 555 RAMIREZ STREET THIRD (30) DAYS PRIOR TO INSTALLATION. CONTRACTOR TO PICK UP AND INSTALL CONTROLLER ASSEMBLY ON F-8 FOUNDATION.
3. INSTALL TWO-INCH (2") RISER AT 4 O'CLOCK ON P.P.#375043M, CENTER-LINE OF ALLEY FROM SERVICE PULLBOX. INSTALL 2-#6 SERVICE WIRES FROM PULLBOX TO CONTROLLER AND A 60-AMP FUSE IN AN IN-LINE WATERPROOF FUSE HOLDER IN THE SERVICE PULLBOX. INSTALLATION SHALL BE PER LADOT STD. DWG. NO. S-79.8. WORK ON ANY ELECTRICAL SERVICE EQUIPMENT TO BE DONE IN CONJUNCTION WITH DEPARTMENT OF WATER & POWER (DWP) PERSONNEL. CONTACT DWP AT (213) 367-9966 SEVEN (7) WORKING DAYS PRIOR TO BEGINNING WORK ON THE SERVICE LINE.
4. INSTALL/REMOVE STRIPING & PAVEMENT MARKINGS AS SHOWN.
5. REMOVE SIGN(S), OR SIGN(S) AND POST(S) AS SHOWN.
6. INSTALL SIGN(S), OR SIGN(S) AND POST(S) AS SHOWN.
7. REQUEST HAS BEEN SENT TO CULVER CITY FOR REMOVAL OF BUS STOP/TRANSIT SIGN(S). PLEASE CONTACT DIANA CHANG AT CULVER CITY TRANSIT PRIOR TO REMOVAL OF BUS STOP AT (310) 253-6566.
8. RELOCATE SMALL STREET NAME SIGN TO NEW STANDARD, AND REMOVE SIGN POST AS SHOWN.
9. INSTALL SIGNAL VEHICLE HEAD ON WEST SIDE OF THE POLE.
10. ALL NEW VEHICLE AND PEDESTRIAN TRAFFIC SIGNAL HEADS SHALL BE LED MODULES, PER LADOT SPECIFICATION 92-088-07 (LATEST EDITION).
11. CONTRACTOR SHALL CONTACT LADOT SIGNAL DESIGN SECTION AT (213)928-9640 FOR ANY SIGNAL RELATED PROBLEMS ENCOUNTERED DURING CONSTRUCTION.
12. ALLOW A MINIMUM 36 INCH (36") OPENING BETWEEN THE STANDARD TO THE EDGE OF RAILING IN THE BACK OF WALKWAY.
13. INSTALL DETECTOR LOOP(S) PER LADOT STD. DWG. NO. S-70.1A. CONTRACTOR SHALL OBTAIN APPROVAL FROM LADOT INSPECTOR PRIOR TO INSTALLATION OF ANY LOOPS.
14. INSTALL METAL COVERED TRAFFIC PULLBOX PER LADOT STD. DWG. NO. S-78.5.2.
15. REMOVE PLANTS AND BUSHES AND REROUTE SPRINKLERS AS NEEDED.

NOTICE TO CONTRACTOR

1. EXCEPT WHERE OTHERWISE INDICATED, MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE LATEST EDITION, WITH SUPPLEMENTS, OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, ADOPTED BY THE CITY OF LOS ANGELES BOARD OF PUBLIC WORKS (LABPW), INCLUDING THE LATEST VERSION OF STANDARD PLAN S-810 ISSUED BY THE LABPW, AND THE LATEST EDITION, WITH AMENDMENTS, OF THE SPECIAL PROVISIONS AND STANDARD DRAWINGS FOR THE INSTALLATION AND MODIFICATION OF TRAFFIC SIGNALS, ISSUED BY THE CITY OF LOS ANGELES DEPARTMENT OF TRANSPORTATION (LADOT).
2. ALL TRAFFIC SIGNAL AND/OR RELATED ELECTRICAL WORK SHALL BE PERFORMED AND INSPECTED UNDER THE CONDITIONS OF THE MOST CURRENT AMENDED BOARD OF PUBLIC WORKS "ENHANCED ELECTRICAL SAFETY POLICY" AS REQUIRED IN LADOT'S SPECIAL PROVISIONS AND STANDARD DRAWINGS FOR THE INSTALLATION AND MODIFICATION OF TRAFFIC SIGNALS (RED BOOK), REGARDLESS OF CONTRACT COST.
3. THE LADOT TRAFFIC SIGNAL INSPECTOR AT (213) 485-1071 SHALL BE NOTIFIED THREE (3) WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. FOR WORK IN THE AUTOMATED TRAFFIC SURVEILLANCE AND CONTROL (ATSAC) PROJECT AREA, A FIELD MEETING SHALL BE SCHEDULED WITH THE SIGNAL SYSTEM SUPERVISOR AT (213) 473-8286 AND THE SIGNAL MAINTENANCE SUPERVISOR AT (213) 485-7721 THREE (3) WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. FULL RESTORATION OF THE ATSAC SYSTEM MUST OCCUR WITHIN FIVE (5) WORKING DAYS AFTER SHUT DOWN.
4. REGULAR TRAFFIC SIGNAL CONTROL SHALL BE MAINTAINED FROM 6:00 A.M. TO 9:00 A.M. AND 3:00 P.M. TO 7:00 P.M. ON WEEKDAYS, EXCEPT NATIONAL HOLIDAYS. FLASHING, DEACTIVATION AND ACTIVATION OF SIGNALS SHALL BE ACCOMPLISHED ONLY BY A LADOT TRAFFIC SIGNAL ELECTRICIAN. ALL ARRANGEMENTS TO DEACTIVATE SIGNALS SHALL BE MADE 24 HOURS IN ADVANCE BY CONTACTING THE LADOT TRAFFIC SIGNAL DEDICATED LINE AT (213) 473-8478 BEFORE 9:00 A.M. ON NON-HOLIDAY WEEKDAYS. THE LADOT PROJECT NUMBER MUST BE GIVEN AT THIS TIME. THE CONTRACTOR WILL BE CHARGED FOR ALL ELECTRICAL AND TRAFFIC CONTROL SERVICE PROVIDED BY LADOT.
5. ARRANGEMENTS FOR OBTAINING ANY MATERIALS IDENTIFIED TO BE SUPPLIED BY LADOT SHALL BE MADE TEN (10) WORKING DAYS IN ADVANCE BY CONTACTING THE LADOT FIELD OPERATIONS DIVISION AT (213) 928-9620. HOWEVER, TRAFFIC SIGNAL CONTROLLERS REQUIRE THIRTY (30) WORKING DAYS ADVANCE NOTICE AND MUST BE PICKED UP WITHIN FIFTEEN (15) WORKING DAYS AFTER NOTIFICATION. CONTACT LADOT SIGNAL SHOP AT (213) 473-8468 TO COORDINATE CONTROLLER DELIVERY AND/OR PICKUP.
6. ALL IDENTIFIED TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO LADOT. ARRANGEMENTS FOR RETURNING IDENTIFIED EQUIPMENT TO LADOT SHALL BE MADE FIVE (5) WORKING DAYS IN ADVANCE BY CONTACTING THE LADOT MATERIAL CONTROL DIVISION AT (213) 928-9636.
7. ALL EXISTING TRAFFIC CONTROL SIGNING SHALL BE MAINTAINED WITH STANDARD SIGN BRACKETS BY THE CONTRACTOR. EXCEPT WHERE OTHERWISE INDICATED, EXISTING LARGE STREET NAME SIGNS ON MAST ARM TYPE STANDARDS SHALL BE RELOCATED FROM THE VERTICAL POLE TO THE MAST ARM PER LADOT STANDARD DRAWING NO. S-457.0 AND S-486.0. THE CONTRACTOR SHALL COORDINATE WITH LADOT SIGN SHOP AT (213) 473-7954 FOR ANY REQUIRED LARGE STREET NAME SIGNS. ANY TRAFFIC CONTROL SIGNING DAMAGED OR LOST BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SIGNAL CONTRACTOR SHALL INSTALL MAST ARM MOUNTED SIGNS. FOR THE INSTALLATION OF A STREET NAME SIGN ON A TYPE 1 POLE, THE CONTRACTOR SHALL FURNISH AND INSTALL A POLE EXTENSION AS NEEDED.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL, AS SHOWN ON THE PLANS, ALL TRAFFIC SIGNAL EQUIPMENT SUCH AS STANDARDS, MAST ARMS, SIGNAL HEADS, AND OTHER EQUIPMENT AS REQUIRED. ALL SUCH EQUIPMENT SHALL BE NEW. ALL VEHICLE HEAD EQUIPMENT SUPPLIED BY THE CONTRACTOR SHALL HAVE 1-1/2 INCH DIAMETER PIPE FIT MOUNTING HARDWARE, INCLUDING ALL TOP POST MOUNT HEADS. PED HEAD MODULE REPLACEMENTS SHOWN ON THE PLAN SHALL REQUIRE A COMPLETE INSTALLATION, INCLUDING NEW PED HEAD AND TERMINAL COMPARTMENT.

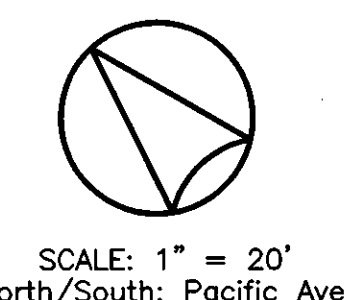
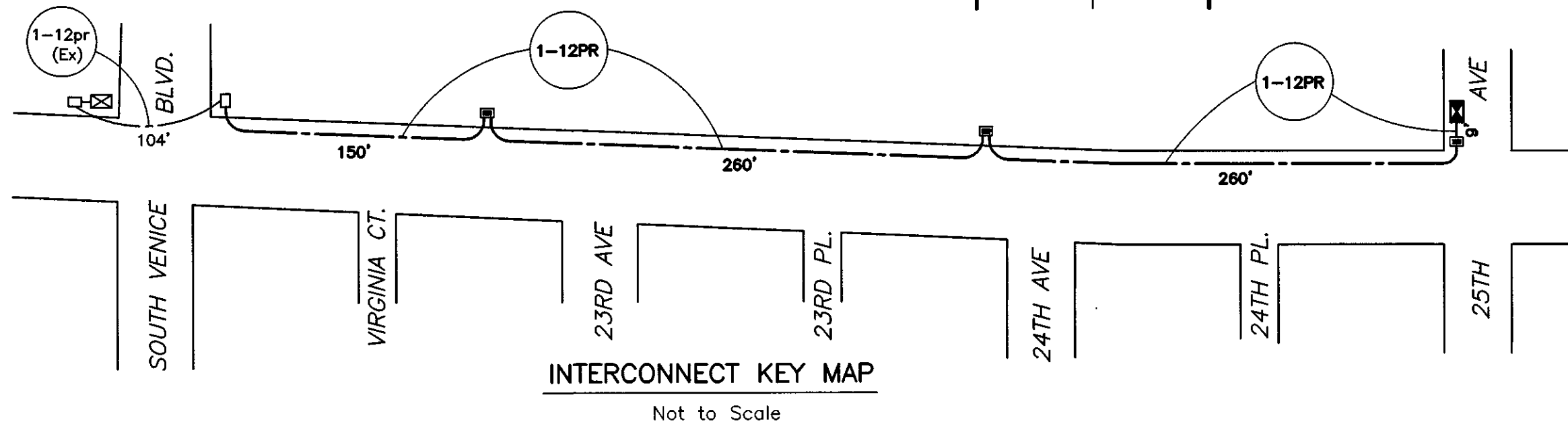


12-Pr. I/C & EX. DLC to S. Venice Blvd. 17

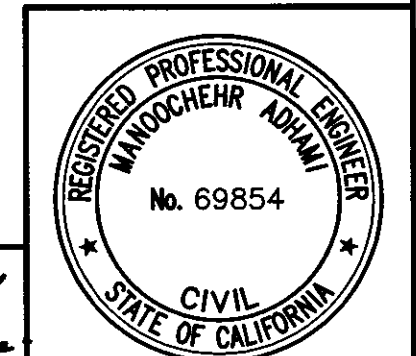


NOTES (CONT.):

16. PROVIDE 4" THICK CONCRETE SLAB IN UNPAVED AREA. FLUSH WITH TOP OF CURB AND EDGE OF SIDEWALK.
17. INSTALL 12-PAIR INTERCONNECT FROM CONTROLLER AT THIS INTERSECTION TO CONTROLLER AT S. VENICE BLVD. SEE INTERCONNECT KEY MAP FOR DETAILS.
18. USE STRAP-ON TENON AB-116 PER LADOT STD DWG. NO. S-63.1.4. TO MOUNT SIGNAL HEAD ON MAST ARM. ADJUST THE MOUNTING BRACKET TO MAINTAIN (17 FEET) CLEARANCE OVER ROADWAY.
19. SEE STREET LIGHTING SHEET FOR WORK ON STREET LIGHTING FACILITIES.
20. INSTALL LADOT SUPPLIED 2070 CONTROLLER AND CABINET. CONTRACTOR TO COORDINATE WITH LADOT SIGNAL SHOP AT (213) 847-2944 FOR PICKUP OF SIGNAL CONTROLLER AND CABINET. CONTRACTOR TO INSTALL CONTROLLER ASSEMBLY ON F-8 FOUNDATION.



SCALE: 1" = 20'
North/South: Pacific Ave.



MID-BLOCK SIGNAL

SUBMITTED August 19 20 14 <i>M. Varghese</i> Transportation Engineer	APPROVED August 20 20 14 <i>Manuel J. Reynolds</i> Senior Transportation Engineer
AS BUILT Date of Installation: _____ LADOT Inspector: _____ Condition As Of: _____ LADOT Engineer: _____ District: WESTERN Thomas Guide: 671 H7	
CITY OF LOS ANGELES DEPARTMENT OF TRANSPORTATION SELETA J. REYNOLDS, General Manager	
25TH AVE. WALKWAY & PACIFIC AVE.	
File Name 20855-21.DWG	Intersection No. 20855
Proj. No. PRC14011	
NOTICE: IF PLAN HAS NOT BEEN IMPLEMENTED WITHIN TWO (2) YEARS OF THE APPROVAL DATE, IT MUST BE RESUBMITTED TO LADOT SIGNAL DESIGN SECTION FOR REVIEW AND APPROVAL.	