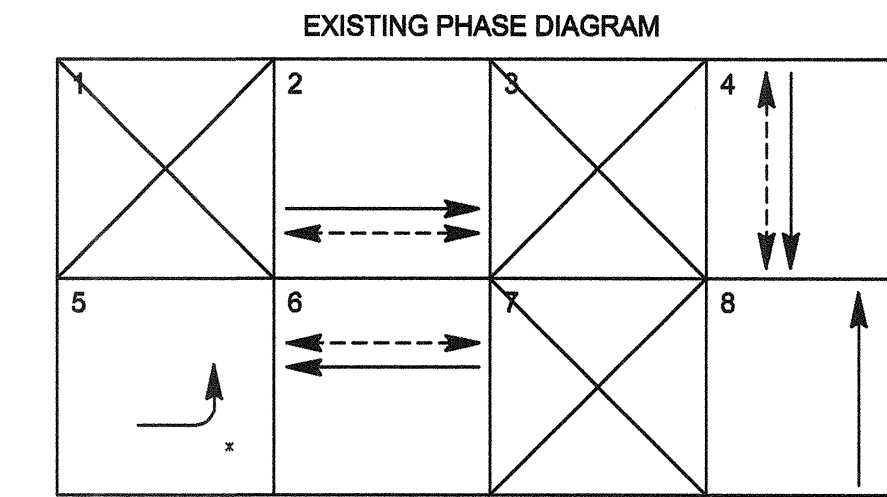
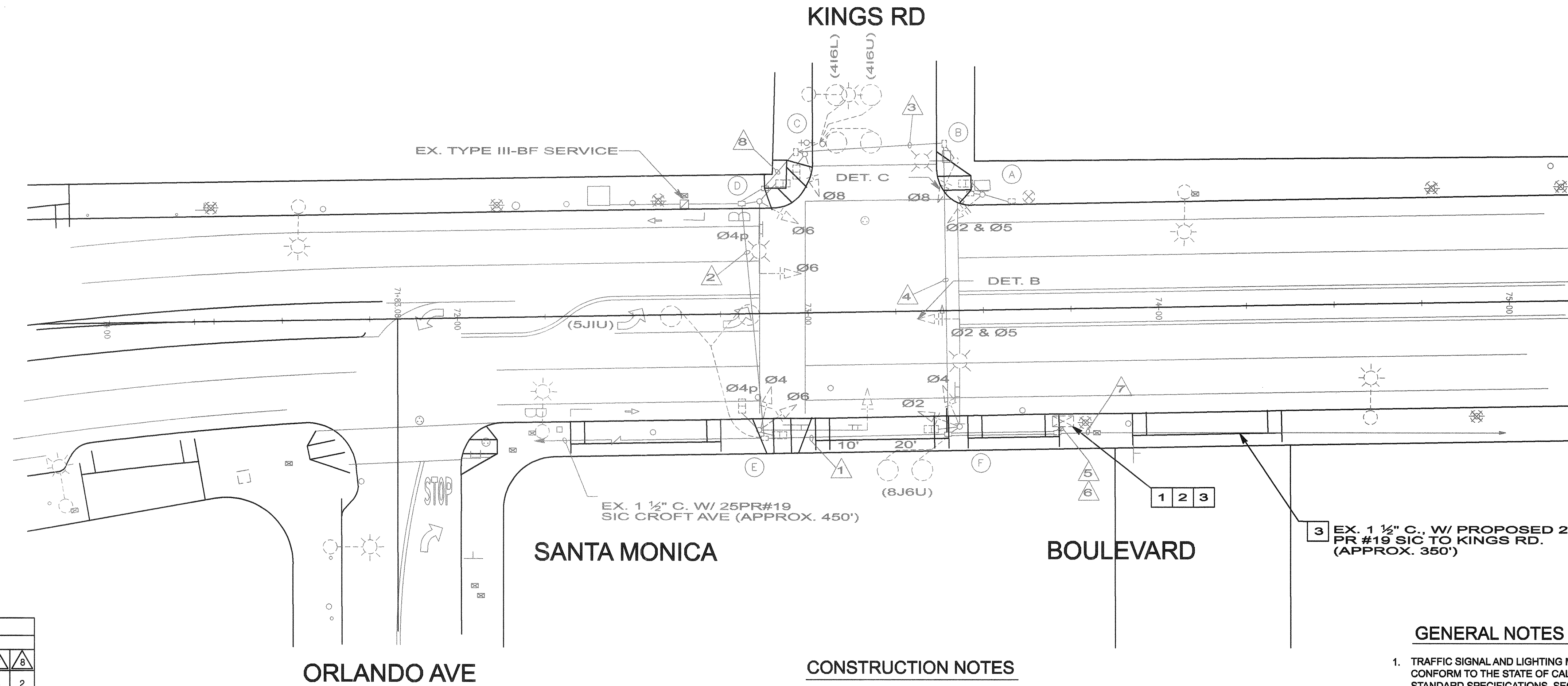
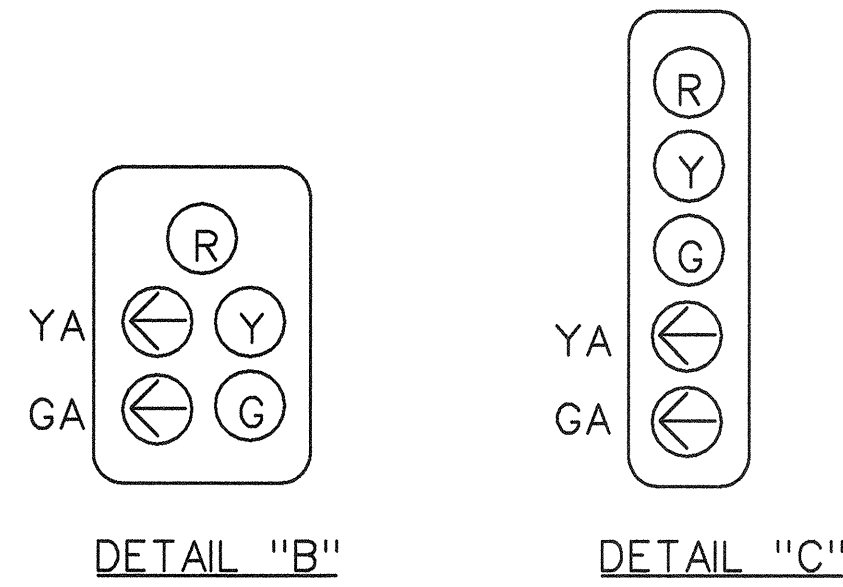
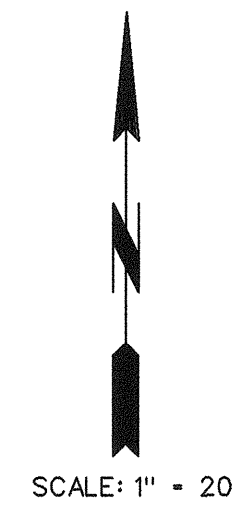


POLE SCHEDULE																			
NO.	POLE DATA		SIGNAL MA.	LUMINAIRE			SIGNAL MOUNTING				PPB		STREET NAME SIGN (NON-LL)			POLE LOCATION			REMARKS
	TYPE	HEIGHT		M.A.	HPS	M.A.	VEH.	PED.	PHASE	LOC.	TYPE	FRONT	BACK	A	B	C			
(A)	1 A	10'	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	-	-	-	-	-	EXISTING	
(B)	1 S	30'	-	12'	200W	-	SV-1-T	-	-	-	-	-	-	-	-	-	-	EXISTING	
(C)	1 A	10'	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	-	-	-	-	-	EXISTING	
(D)	17-2-70	30'	20'	8'	200W	MAS	SV-1-T	SP-1-T	4	E	B.1	KINGS RD.	KINGS RD.	-	-	-	-	EXISTING	
(E)	18-2-70	17'	25'	-	-	MAS	SV-2-TA	SP-2-T	4	E	-	-	-	-	-	-	-	EXISTING	
(F)	19-3-70	30'	25'	8'	200W	MAS-5A	SV-2-TA	SP-1-T	-	-	B.1	KINGS RD.	KINGS RD.	-	-	-	-	EXISTING	

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.



* PROTECTIVE/PERMISSIVE



CONDUCTOR SCHEDULE		RUN NO.							
AWG	CIRCUIT	1	2	3	4	5	6	7	8
	28 CONDUCTOR CABLE	2	2	2	2	2	-	-	2
#10	LUMINAIRE	2	2	2	-	-	-	-	2
#6	SERVICE	-	-	-	-	-	-	-	-
DLC	#4	2	2	-	-	2	2	-	2
	#5	2	-	-	-	2	2	-	-
	#6	-	-	-	-	1	1	-	-
	TOTAL	4	2	-	-	5	5	-	2
	25 PR #19 SIC	-	-	-	-	-	-	-	2
	CONDUIT SIZE	(3")	(3")	(3")	(3")	(3")	(3")	(3")	(3")
	(E) = EXISTING	E	E	E	E	E	E	E	E

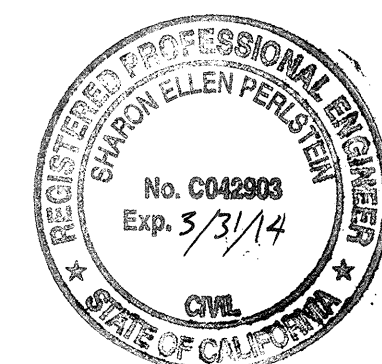
■ ALL CONDUCTORS ARE EXISTING
THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

CONSTRUCTION NOTES

- 1 SALVAGE EXISTING 170 CONTROLLER. INSTALL NEW 2070E CONTROLLER AND 2010E CLIP CONFLICT MONITOR PER OPERATION AS SHOWN.
- 2 INSTALL AND CONFIGURE LAYER II SWITCH.
- 3 REMOVE EXISTING 12 PR #19 SIC AND INSTALL 25 PR #19 SIC AT CONTROLLER TO CONTROLLER AT FLORES ST. (APPROX. 350').

GENERAL NOTES

1. TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
2. ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
3. ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
4. ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-6C.
5. ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
7. CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
8. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
9. OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.



APPROVED BY:
Sharon Perle 9/1/13
CITY ENGINEER
CITY OF WEST HOLLYWOOD

BENCH MARK:
NO. _____ ELEV. _____
DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

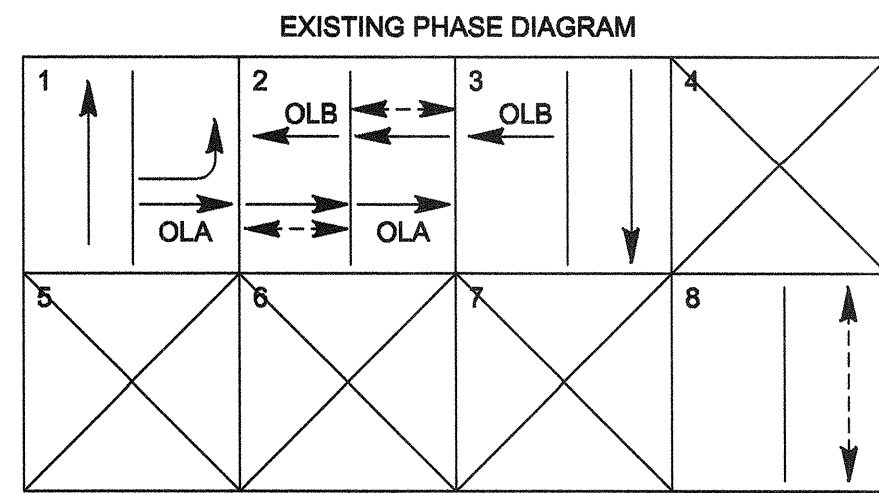
TRANSIT PRIORITY SYSTEM PHASE I
TRAFFIC SIGNAL COMMUNICATION PROJECT
for
SANTA MONICA BLVD. & KINGS RD.

DRAWN BY:
DESIGNED BY:
CHECKED BY:

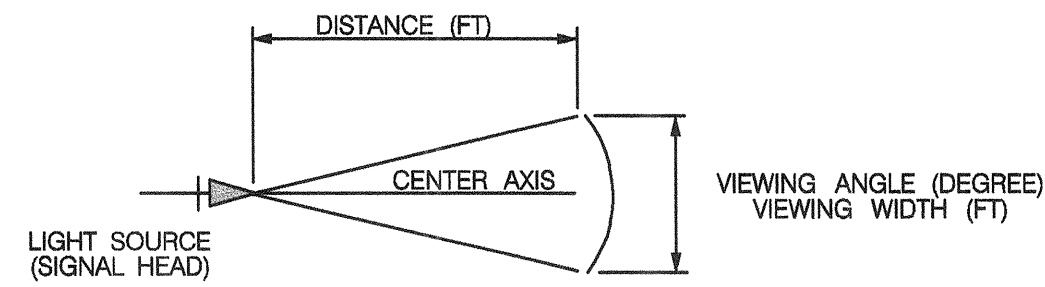
SHT. 19 OF 38 SHTS.

PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



SCALE: 1" = 20'



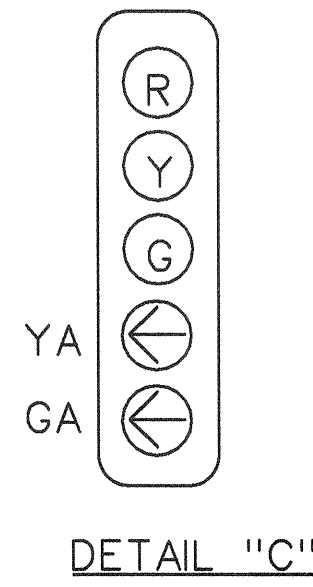
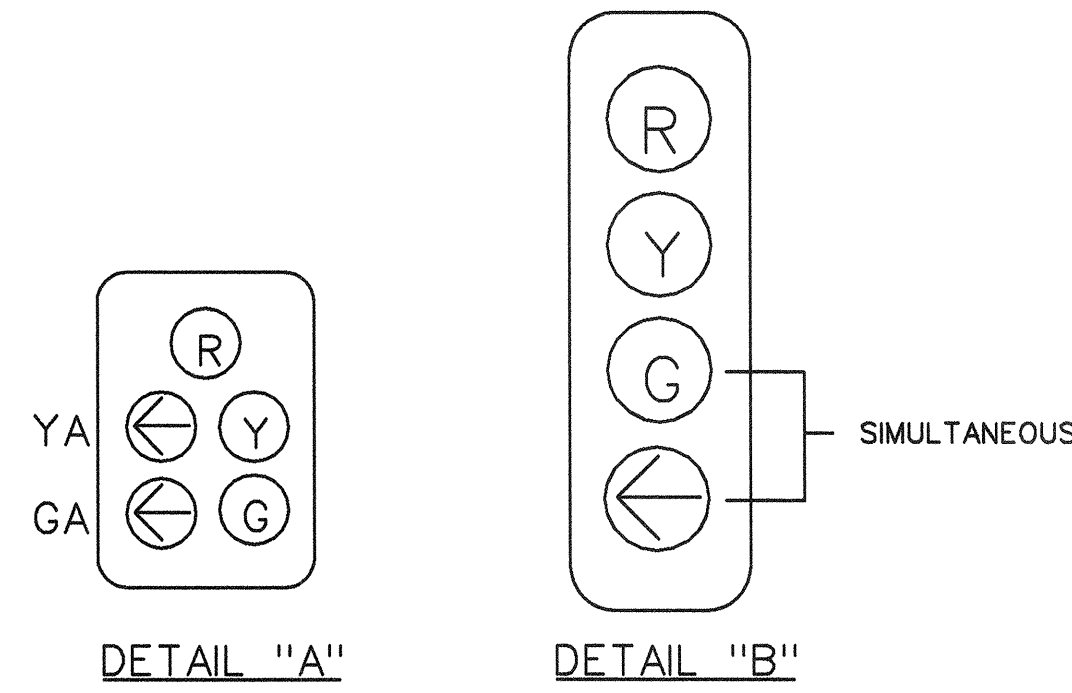
GEOMETRICALLY PROGRAMMED LOUVRES (GPL)			
SIGNAL HEAD	DISTANCE	VIEWING ANGLE	VIEWING WIDTH
(A)	150'	13°	34'
(B)	150'	13°	34'
(C)	135'	13°	31'
(D)	170'	11°	34'
(E)	170'	11°	34'
(F)	170'	11°	34'
(G)	130'	13°	31'

CONSTRUCTION NOTES

- 1 REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION. INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- 2 INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET).
- 3 INSTALL AND CONFIGURE LAYER II SWITCH.
- 4 REMOVE PROGRAMMED VISIBILITY (PV) HEADS AND INSTALL NEW VEHICLE HEADS WITH GEOMETRICALLY PROGRAMMED LOUVRES (GPL).
- 5 REMOVE EXISTING 12 PR #19 SIC AND INSTALL 25 PR #19 SIC AT CONTROLLER TO CONTROLLER AT KINGS RD. (APPROX. 350').

GENERAL NOTES

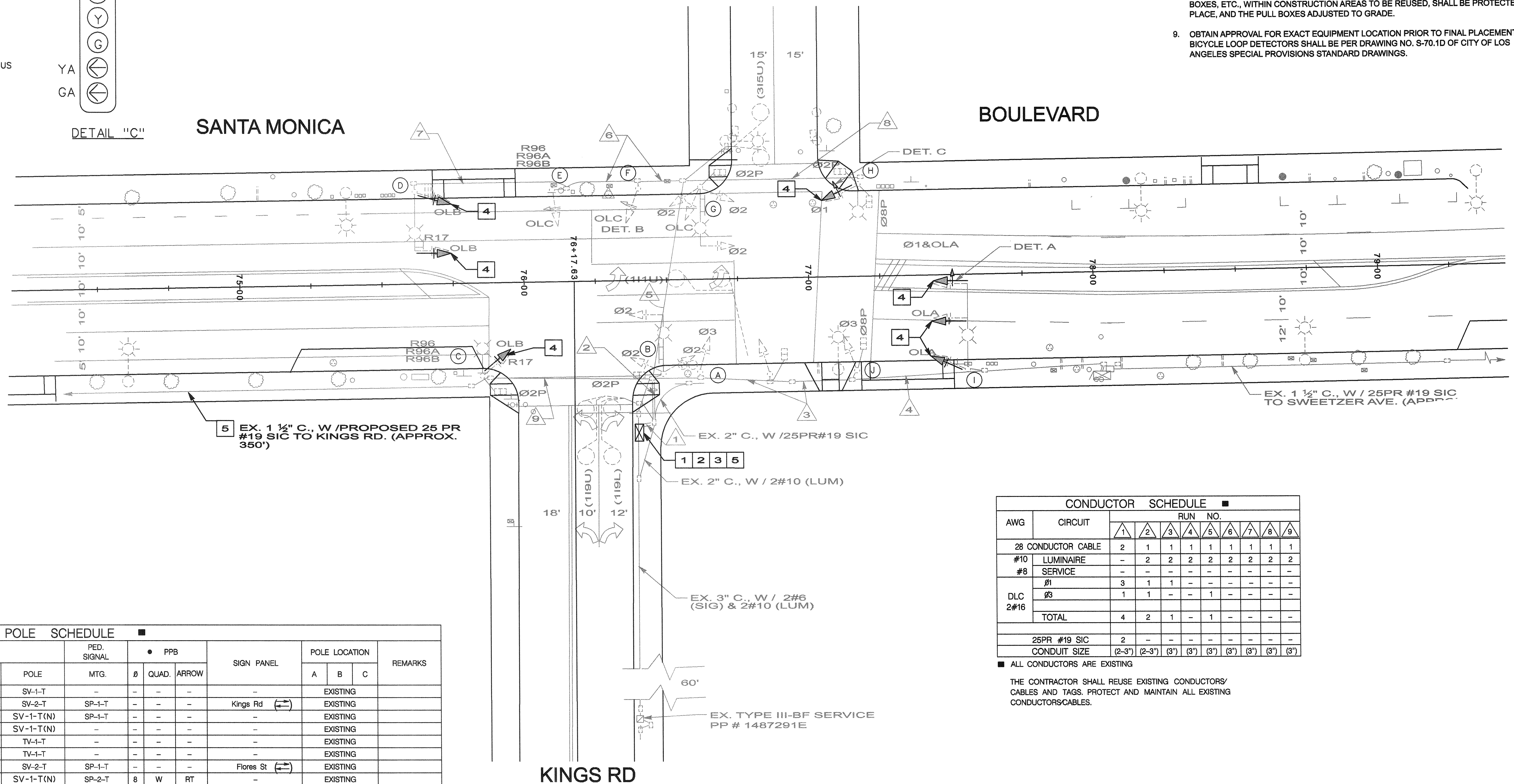
1. TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
2. ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
3. ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
4. ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
5. ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
7. CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
8. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
9. OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.



SANTA MONICA

FLORES ST

BOULEVARD



5 EX. 1 1/2" C. W / PROPOSED 25 PR #19 SIC TO KINGS RD. (APPROX. 350')

1 2 3 5 EX. 2" C. W / 25PR#19 SIC

EX. 2" C. W / 2#10 (LUM)

EX. 3" C. W / 2#6 (SIG) & 2#10 (LUM)

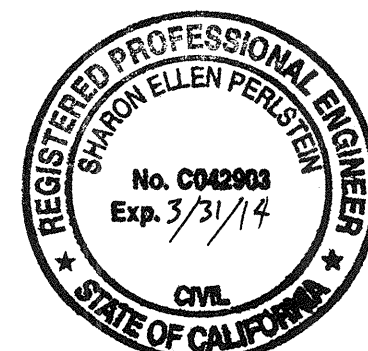
EX. TYPE III-BF SERVICE PP # 1487291E

CONDUCTOR SCHEDULE		RUN NO.								
AWG	CIRCUIT	1	2	3	4	5	6	7	8	9
28	CONDUCTOR CABLE	2	1	1	1	1	1	1	1	1
#10	LUMINAIRE	-	2	2	2	2	2	2	2	2
#8	SERVICE	-	-	-	-	-	-	-	-	-
	#1	3	1	1	-	-	-	-	-	-
DLC	#3	1	1	-	-	1	-	-	-	-
2#16	TOTAL	4	2	1	-	1	-	-	-	-
	25PR #19 SIC	2	-	-	-	-	-	-	-	-
	CONDUIT SIZE	(2-3")	(2-3")	(3")	(3")	(3")	(3")	(3")	(3")	(3")

ALL CONDUCTORS ARE EXISTING
THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

NO.	STANDARD			LUMINAIRE HPSV	VEH. SIG. MTG.		PED. SIGNAL	PPB			SIGN PANEL	POLE LOCATION			REMARKS
	TYPE	SIG. M.A.	LUM. M.A.		MAST ARM	POLE		MTG.	Ø	QUAD.		ARROW	A	B	
(A)	1A	-	-	-	-	SV-1-T	-	-	-	-	-	-	-	EXISTING	
(B)	17-2-70	20'	15'	200W	MAS	SV-2-T	SP-1-T	-	-	-	Kings Rd (←)	-	-	EXISTING	
(C)	15	-	8'	200W	-	SV-1-T(N)	SP-1-T	-	-	-	-	-	-	EXISTING	
(D)	17-2-70	20'	15'	200W	MAS(N)	SV-1-T(N)	-	-	-	-	-	-	-	EXISTING	
(E)	1A	-	-	-	-	TV-1-T	-	-	-	-	-	-	-	EXISTING	
(F)	1A	-	-	-	-	TV-1-T	-	-	-	-	-	-	-	EXISTING	
(G)	17-2-70	20'	8'	200W	MAS	SV-2-T	SP-1-T	-	-	-	Flores St (←)	-	-	EXISTING	
(H)	15	-	8'	200W	-	SV-1-T(N)	SP-2-T	8	W	RT	-	-	-	EXISTING	
(I)	19-3-113	30'	15'	200W	MAS-5A(N), MAS(N)	SV-1-T(N)	-	-	-	-	-	-	-	EXISTING	
(J)	1A	-	-	-	-	TV-1-T	SP-1-T	8	W	LT	-	-	-	EXISTING	

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN: (N)=NEW



APPROVED BY:
Sharon Perle 7/1/13
CITY ENGINEER
CITY OF WEST HOLLYWOOD

BENCH MARK:
NO. _____ ELEV. _____
DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

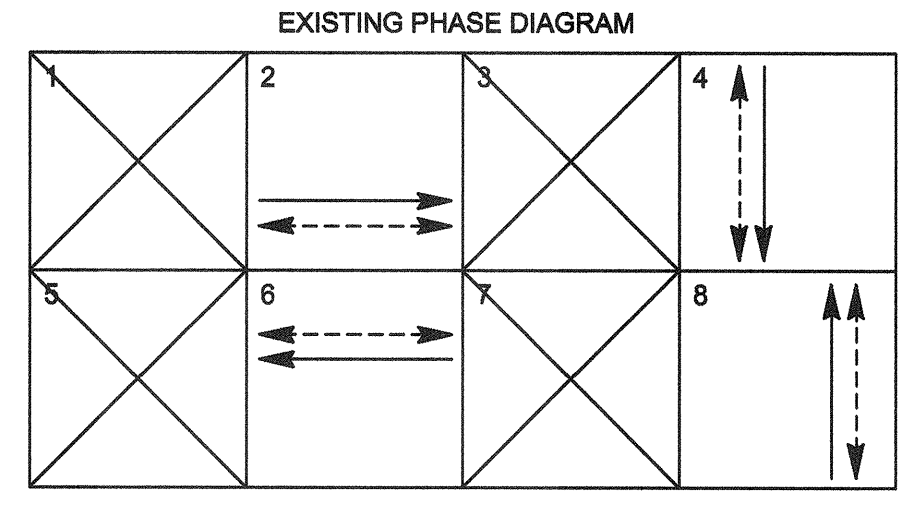
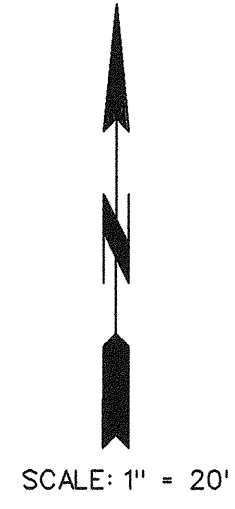
TRANSIT PRIORITY SYSTEM PHASE I
TRAFFIC SIGNAL COMMUNICATION PROJECT
for
SANTA MONICA BLVD. & FLORES ST.

DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____

SHT. 20 OF 38 SHTS.

PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



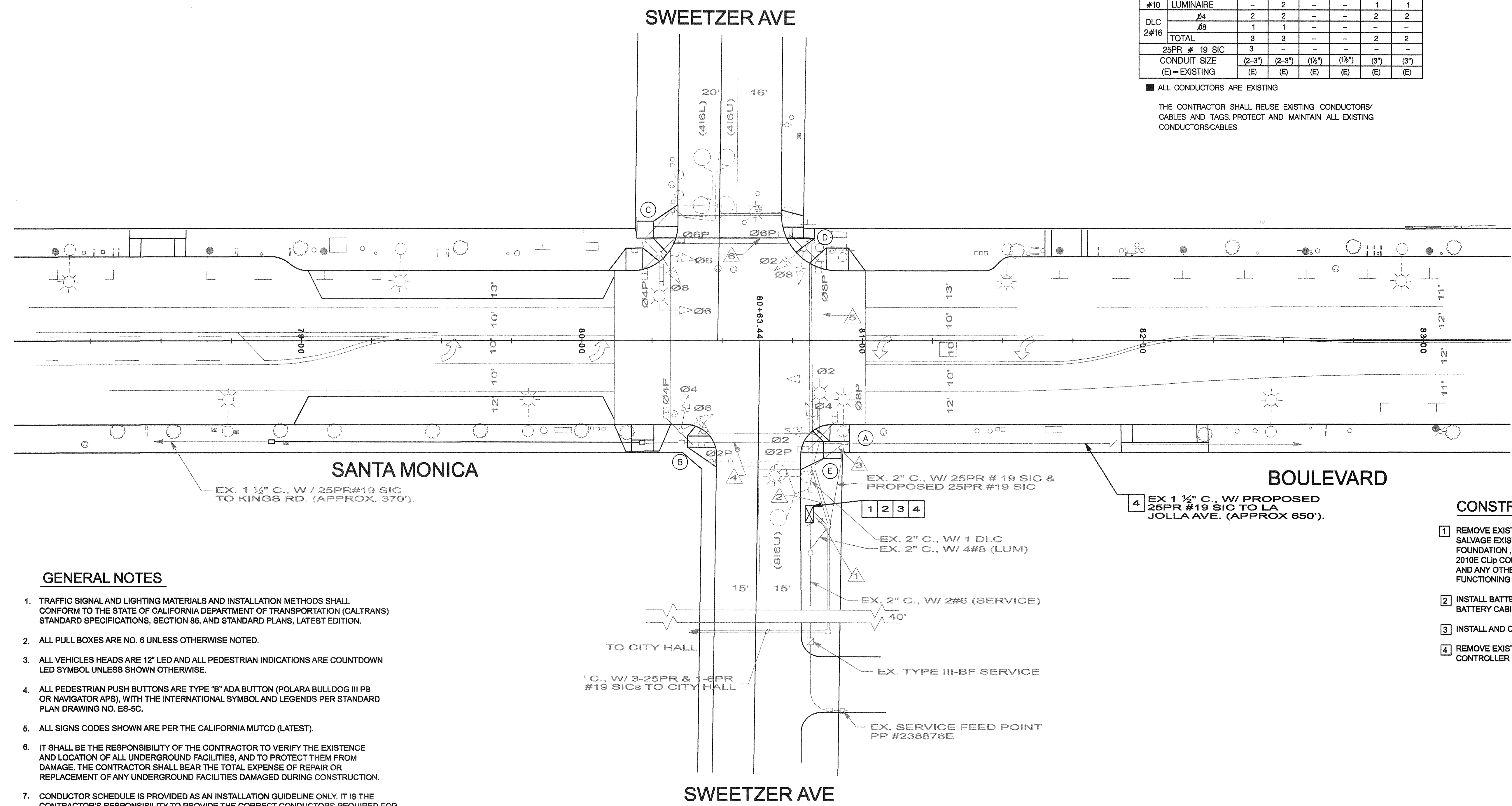
NO.	POLE SCHEDULE											POLE LOCATION (SEE DETAIL XX)			REMARKS
	STANDARD			LUMINAIRE	VEH. SIG. MTG.		PED. SIGNAL	PPB			SIGN PANEL	A	B	C	
	TYPE	SIG. MA	LUM. MA		MAST ARM	POLE		MTG.	Ø	QUAD.					
(A)	17-2-70	20'	15'	200W	MAS	SV-2-T	SP-2-T	8	W	LT	Sweetzer Ave			EXISTING	
(B)	1A	-	-	-	-	TV-2-T	SP-2-T	4	W	LT	-			EXISTING	
(C)	19-2-70	20'	15'	200W	MAS	SV-2-T	SP-2-T	4	W	RT	Sweetzer Ave City Hall			EXISTING	
(D)	1A	-	-	-	-	TV-2-T	SP-2-T	8	E	LT	-			EXISTING	
(E)	1A	-	-	-	-	TV-1-T	SP-2-T	-	-	-	-			EXISTING	

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.

AWG	CIRCUIT	CONDUCTOR SCHEDULE					
		RUN NO.					
28	CONDUCTOR CABLE	2	2	1	1	1	1
#10	LUMINAIRE	-	2	-	-	1	1
DLC	Ø4	2	2	-	-	2	2
	Ø8	1	1	-	-	-	-
2#16	TOTAL	3	3	-	-	2	2
	25PR # 19 SIC	3	-	-	-	-	-
	CONDUIT SIZE	(2-3")	(2-3")	(1½")	(1½")	(3")	(3")
	(E) = EXISTING	(E)	(E)	(E)	(E)	(E)	(E)

■ ALL CONDUCTORS ARE EXISTING

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.



GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 88, AND STANDARD PLANS, LATEST EDITION.
- ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
- ALL VEHICLE HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
- ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
- ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
- CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION, INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH
- REMOVE EXISTING 6PR #19 SIC AND INSTALL 25PR # 19 SIC AT CONTROLLER TO CONTROLLER AT LA JOLLA AVE. (APPROX. 650')



APPROVED BY:
Sharon Perlestein 9/1/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

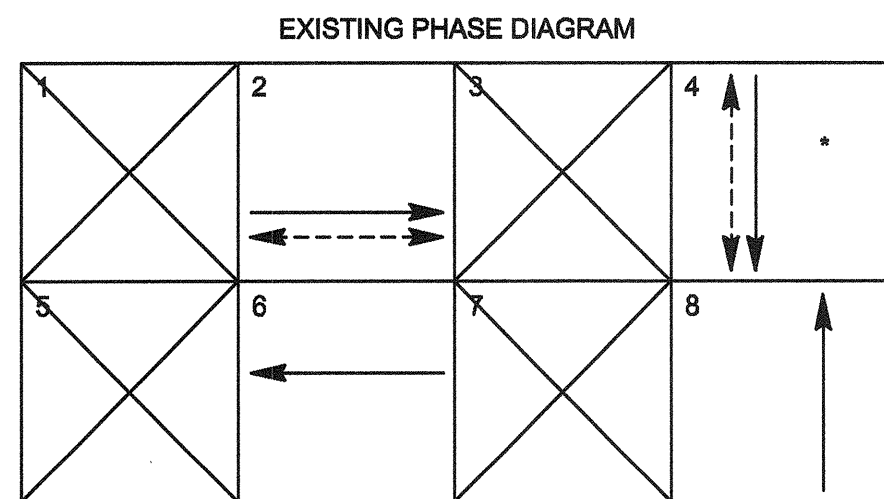
TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & SWEETZER AVE.

DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____

SHT. 21 OF 38 SHTS.

PLAN NO. _____

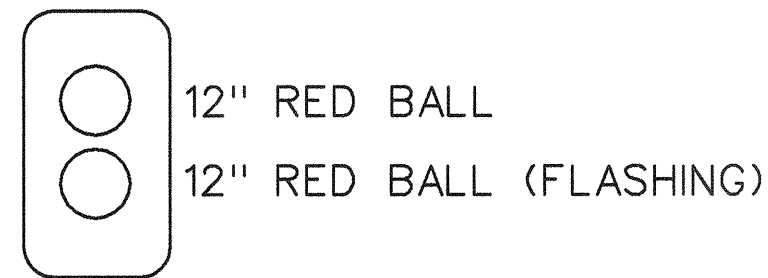
THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



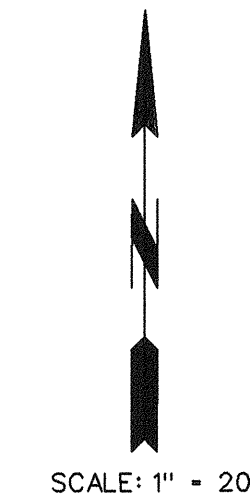
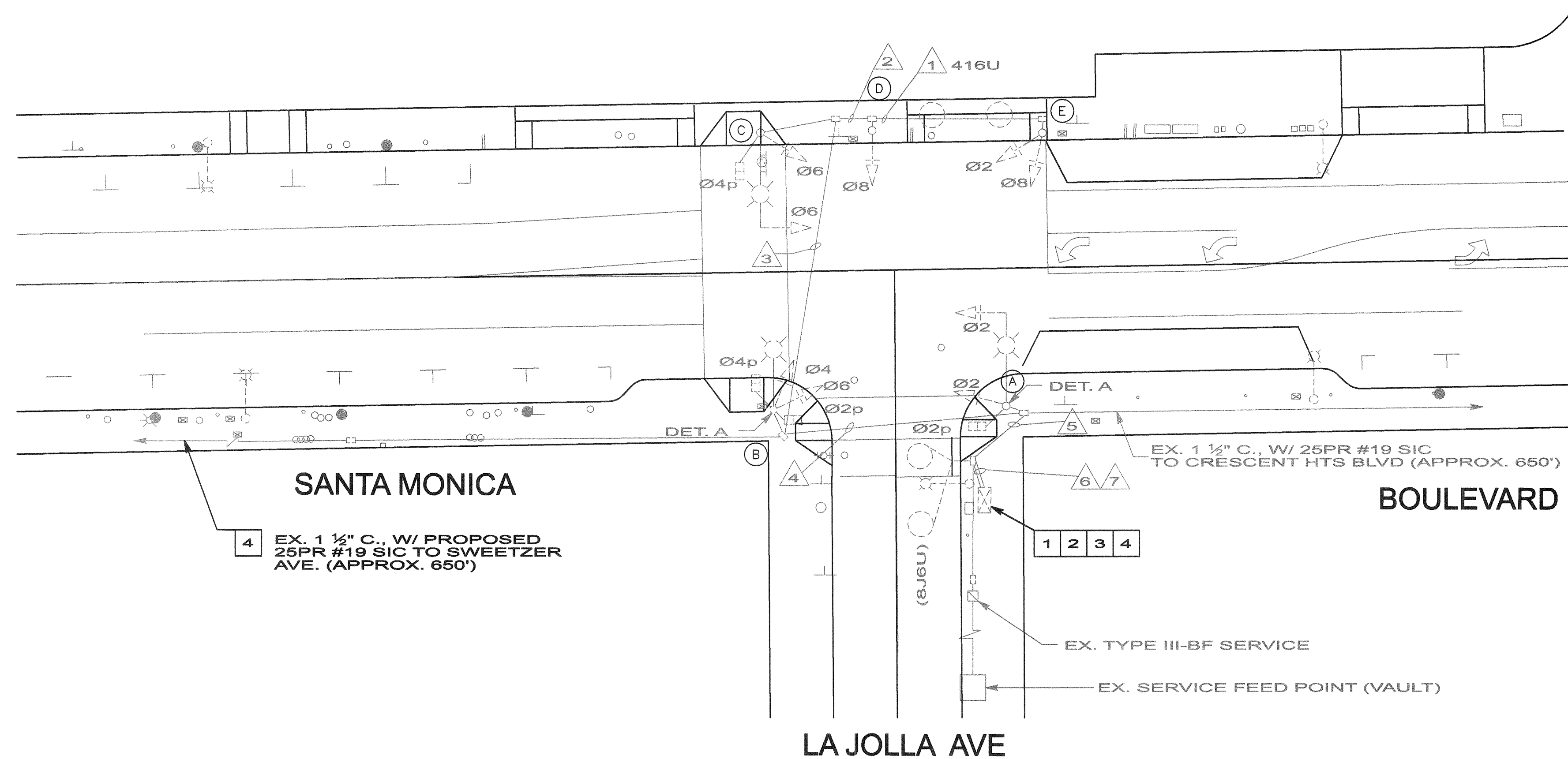
* EXISTING RED FLASHING

POLE SCHEDULE ■																		
NO.	POLE DATA		SIGNAL M.A.	LUMINAIRE			SIGNAL MOUNTING			PED PUSH BUTN		STREET NAME SIGN (NON-ILL)			POLE LOCATION			REMARK
	TYPE	HEIGHT		M.A.	HPS	M.A.	VEH.	PED.	PHASE	LOC.	TYPE	FRONT	BACK	A	B	C		
(A)	17-2-70	30'	20'	12'	200W	MAS	SV-2-T	SP-1-T	-	-	B.1	La Jolla →	← La Jolla			EXISTING		
(B)	15	30'		12'	200W		TV-2-T	SP-2-T	04	3						EXISTING		
(C)	17-2-70	30'	20'	12'	200W	MAS	SV-1-T	SP-1-T	04		B.1	← La Jolla	La Jolla →			EXISTING		
(D)	1-A	10'					TV-1-T									EXISTING		
(E)	1-A	10'					TV-2-T									EXISTING		

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.



DETAIL "A"



GENERAL NOTES

1. TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
2. ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
3. ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
4. ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
5. ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
7. CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
8. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
9. OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

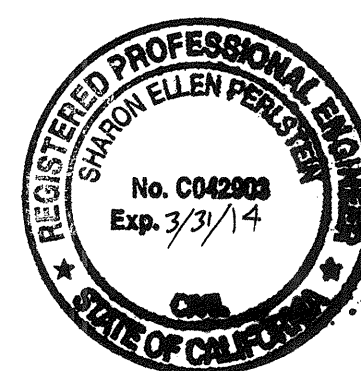
CONSTRUCTION NOTES

1. SALVAGE EXISTING 170 CONTROLLER. INSTALL NEW WITH NEW 2070E CONTROLLER AND 2010E CLIP CONFLICT MONITOR PER OPERATION AS SHOWN.
2. INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
3. INSTALL AND CONFIGURE LAYER II SWITCH
4. REMOVE 6 PR #19 SIC AND INSTALL 25 PR #19 SIC AT CONTROLLER TO CONTROLLER AT SWEETZER AVE. (APPROX. 650').

CONDUCTOR SCHEDULE ■								
AWG	CIRCUIT	RUN NO.						
		1	2	3	4	5	6	7
	28 CONDUCTOR CABLE	2	2	2	2	2	-	2
#10	LUMINAIRE	-	-	2	2	2	-	-
	TOTAL #10	-	-	2	2	2	-	-
#6	SIGNAL SERVICE	-	-	-	-	2	-	2
	TOTAL #6	-	-	-	-	2	-	2
DLC	#4 DETECTOR	1	1	1	1	1	1	-
	#8 DETECTOR	-	-	-	-	-	1	-
	TOTAL DLC	-	-	-	-	-	2	-
	25PR #19 INTERCONNECT CABLE	-	-	-	-	1	1	-
	CONDUIT SIZE	3"	3"	3"	3"	3"	3"	3"

■ ALL CONDUCTORS ARE EXISTING

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.



APPROVED BY:
Sharon Persinger 9/11/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS			
NO.	DESCRIPTION	APP.	DATE

CITY OF WEST HOLLYWOOD

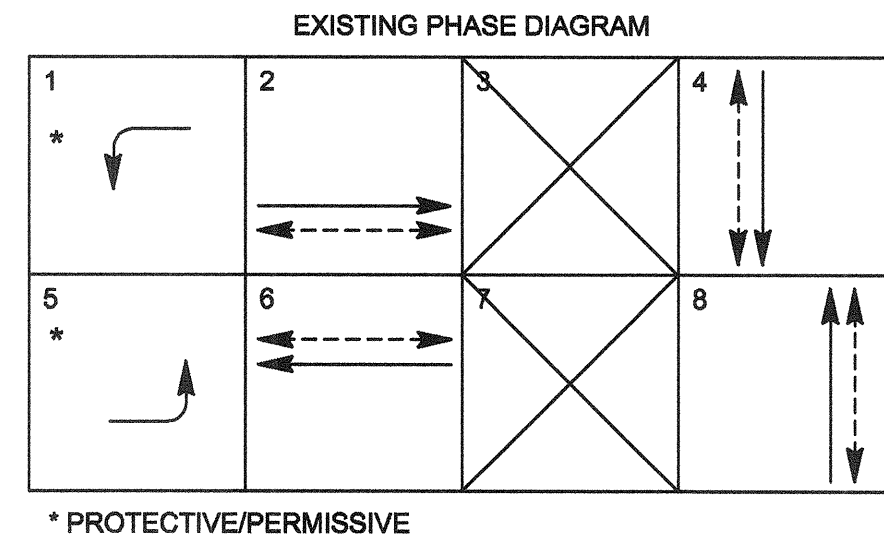
TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & LA JOLLA AVE.

DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____

SHT. 22 OF 38 SHTS. PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY

CONDUCTOR SCHEDULE		RUN NO.					
AWG	CIRCUIT	1	2	3	4	5	6
28	CONDUCTOR CABLE	1	1	1	1	2	-
	SIGNAL COMMON	1	1	1	1	1	-
#10	LUMINAIRES	2	2	2	2	2	-
	TOTAL	3	3	3	3	3	-
2#12	DLC						
	#1	-	-	-	1	1	2
	#4	2	-	-	2	2	2
	#5	-	-	2	-	2	2
	#8	-	-	-	2	2	-
	TOTAL	2	-	2	3	7	8
#8	SERVICE	-	-	2	-	2	-
	25 PR. #19 SIC	-	-	-	-	-	2
	CONDUIT SIZE	2"	2"	2"	2"	2"	2-3"
	"E" = EXISTING	E	E	E	E	E	E



ALL CONDUITS ARE EXISTING

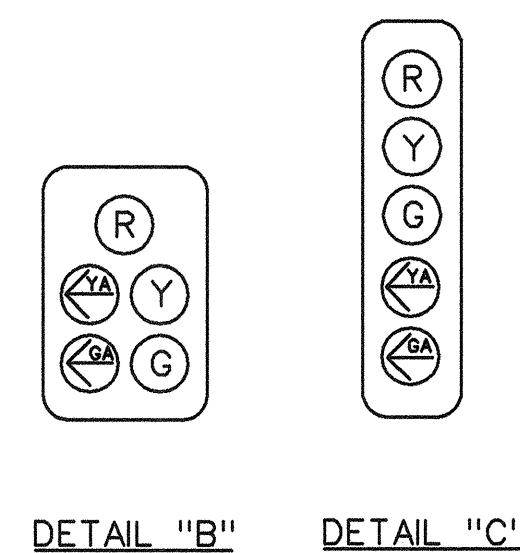
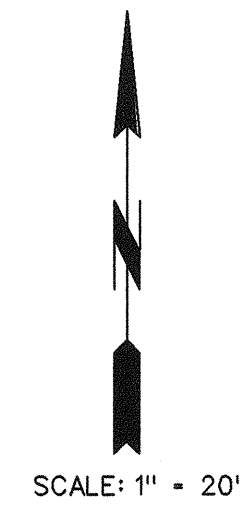
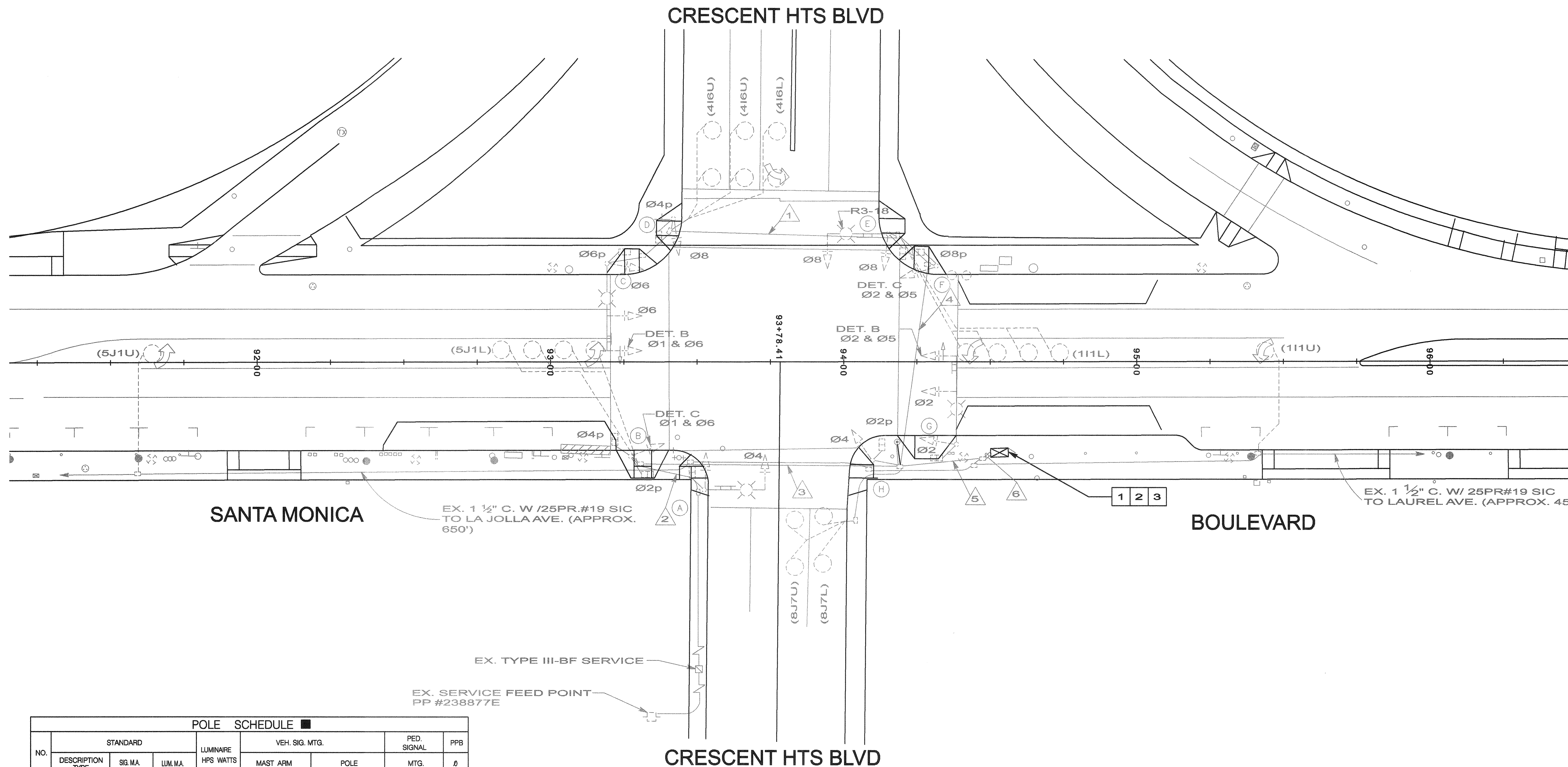
THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
- ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
- ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
- ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
- ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
- CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION, INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH



POLE SCHEDULE		STANDARD		LUMINAIRE		VEH. SIG. MTG.		PED. SIGNAL	PPB
NO.	DESCRIPTION TYPE	SG. MA.	LUM. MA.	HPS WATTS	MAST ARM	POLE	MTG.		
(A)	17-2-70	16'	8'	200W	MAS	SV-1-UM	-	-	-
(B)	1A	-	-	-	-	TV-1-UM	SP-2-UM	4	-
(C)	17-2-70	20'	8'	200W	MAS	SV-1-UM	SP-1-UM	4	-
(D)	1A	-	-	-	-	TV-1-UM	SP-1-UM	-	-
(E)	17-2-70	20'	8'	200W	MAS	SV-1-UM	SP-1-UM	-	-
(F)	1A	-	-	-	-	TV-1-UM	SP-1-UM	8	-
(G)	PPB POST	-	-	-	-	-	-	8	-
(H)	19-2-70	25'	8'	200W	MAS	SV-2-UM	SP-1-UM	-	-

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



APPROVED BY:
Sharon Perle 9/11/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & CRESCENT HEIGHTS BLVD.

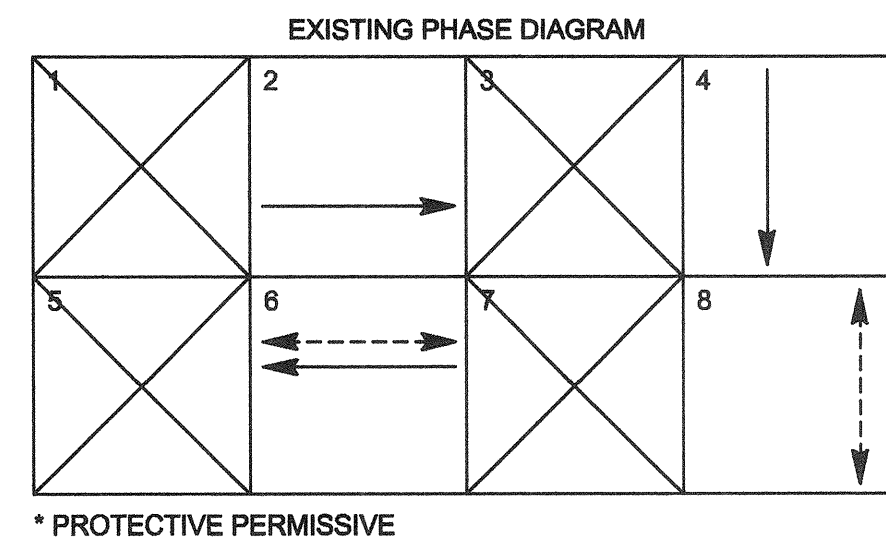
DRAWN BY:
 DESIGNED BY:
 CHECKED BY:

SHT. 23 OF 38 SHTS.

PLAN NO. _____

POLE SCHEDULE ■								
NO.	STANDARD			LUMINAIRE HPS WATTS	VEH. SIG. MTG.		PED. SIGNAL MTG.	PPB
	DESCRIPTION TYPE	SIG. MA.	LUM. MA.		MAST ARM	POLE		
(A)	17-2-70	16'	8'	200W	MAS	SV-1-T	SP-1-T	-
(B)	15	-	8'	200W	-	SV-1-T	SP-2-T	8
(C)	19-2-70	25'	8'	200W	MAS	SV-2-T	SP-1-T	8
(D)	1A-10'	-	-	-	-	TV-1-T	-	-
(E)	1A-10'	-	-	-	-	TV-2-T	-	-

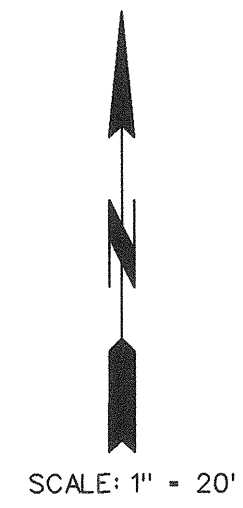
■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.



CONDUCTOR SCHEDULE ■					
AWG	CIRCUIT				
		1	2	3	4
28 CONDUCTOR CABLE					
	LUMINAIRE	2	2	-	2
#10	TOTAL #10	2	2	-	2
	SIGNAL SERVICE	-	2	-	2
#6	TOTAL #6	-	2	-	2
	#4 DETECTOR	1	1	-	1
DLC	TOTAL DLC	1	1	-	1
25PR #19 INTERCONNECT CABLE					
	CONDUIT SIZE	3"	3"	1 1/2"	2"
	"E" = EXISTING	E	E	E	E

■ ALL CONDUCTORS ARE EXISTING

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

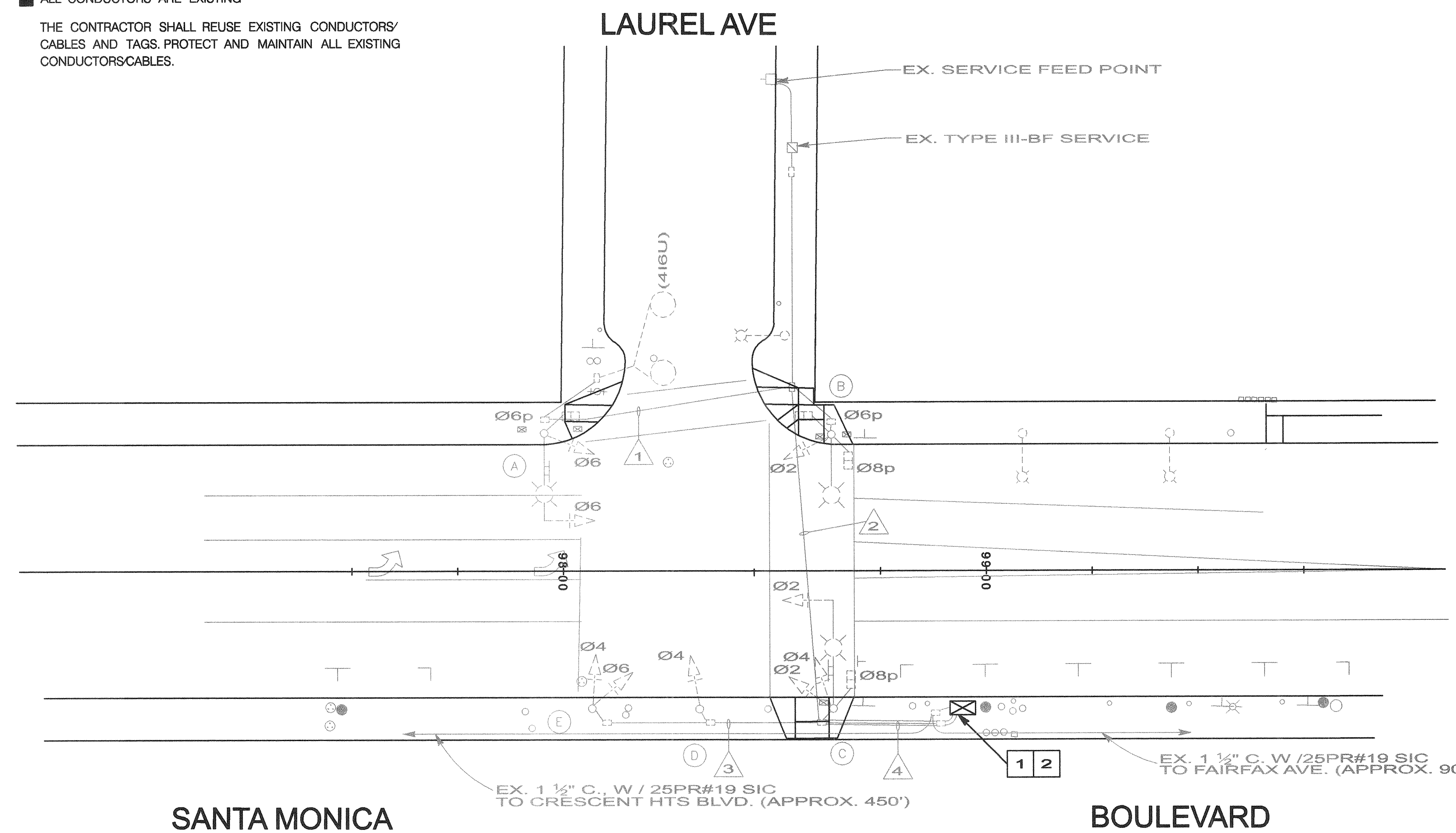


GENERAL NOTES

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CONSTRUCTION NOTES

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- INSTALL AND CONFIGURE LAYER II SWITCH



THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



APPROVED BY:
Shannon Perlestein 7/11/13
CITY ENGINEER
CITY OF WEST HOLLYWOOD

BENCH MARK:
NO. _____ ELEV. _____
DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
TRAFFIC SIGNAL COMMUNICATION PROJECT
for
SANTA MONICA BLVD. & LAUREL AVE.

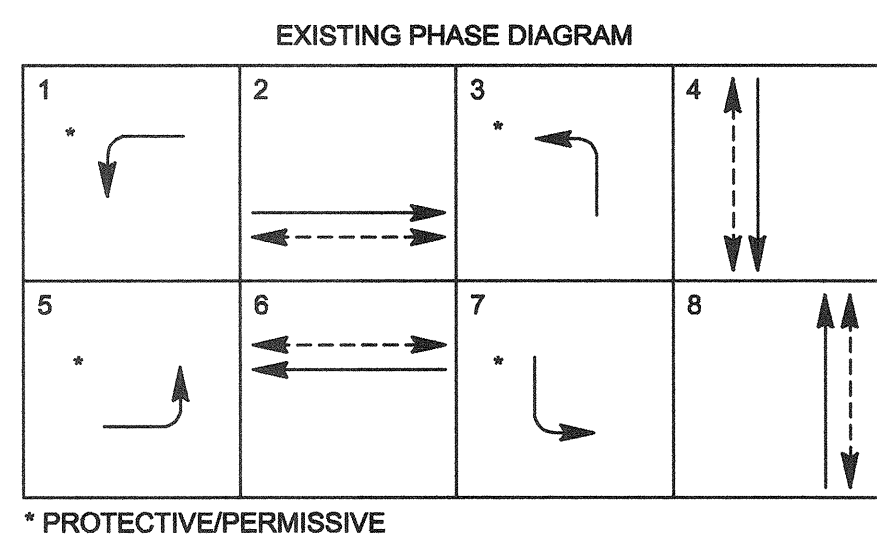
DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____

SHT. 24 OF 38 SHTS.

PLAN NO. _____

POLE SCHEDULE															
NO.	POLE TYPE	HEIGHT	SIGNAL MOUNTING			LUMINAIRE		PED. PUSH BUTTON		STREET NAME SIGN		POLE LOCATION			REMARKS
			M.A. LENGTH	M.A.	POLE	PED.	M.A. LENGTH	H.P.S. WATTS	PHASE	ARROW	TYPE	LEGEND	A	B	
1	19-4-113	-	25'	MAS-5A	SV-1-T	SP-1-T	12'	200W	4	→	RSNS	Fairfax Av	-	-	-
2	1	-	-	-	TV-2-T	SP-1-T	-	-	6	→	-	-	-	-	-
3	19-2-70	-	-	MAS-5A	SV-1-T	SP-1-T	12'	200W	6	→	RSNS	Santa Monica Bl	-	-	-
4	15	-	-	-	SV-1-T	SP-1-T	8'	200W	8	→	-	-	-	-	-
5	19-4-113	-	20'	MAS-5A	SV-1-T	SP-1-T	12'	200W	8	→	RSNS	Fairfax Av	-	-	-
6	1	-	-	-	TV-2-T	SP-1-T	-	-	2	→	-	-	-	-	-
7	19-2-70	-	30'	MAS-5A	SV-1-T	SP-1-T	12'	200W	2	→	RSNS	Santa Monica Bl	-	-	-
8	15	-	-	-	SV-1-T	SP-1-T	8'	250W	4	→	-	-	-	-	-

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.

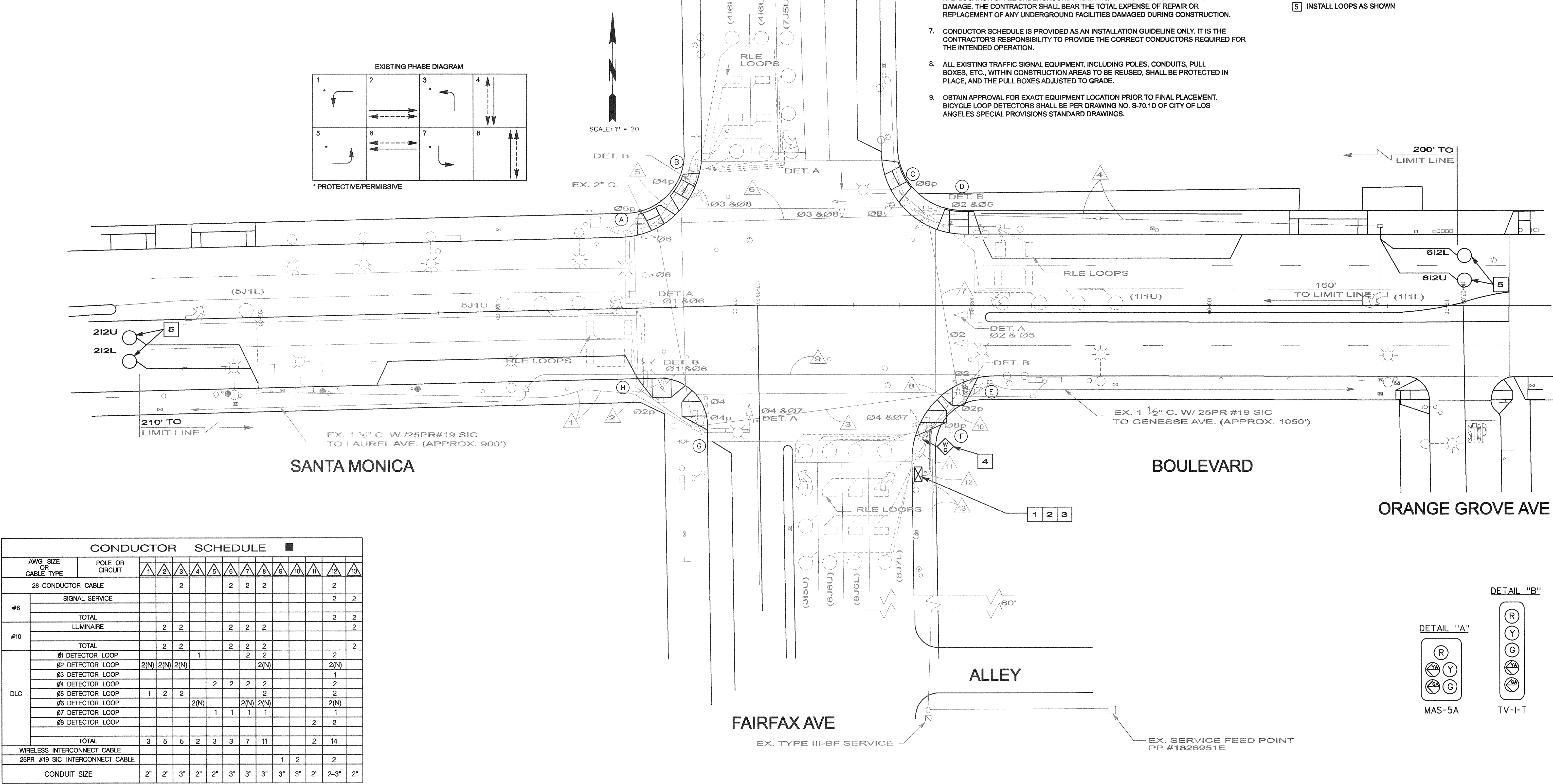


GENERAL NOTES

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CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION, INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH
- INSTALL ENCOM 5.8G COMMPAK9588INT WIRELESS INTERCONNECT SYSTEM OR EQUIVALENT. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FIVE (5) DAYS PRIOR TO ANTENNA INSTALLATION FOR EXACT MOUNTING LOCATION.
- INSTALL LOOPS AS SHOWN



CONDUCTOR SCHEDULE														
AWG SIZE OR CABLE TYPE	POLE OR CIRCUIT	1	2	3	4	5	6	7	8	9	10	11	12	13
28 CONDUCTOR CABLE														
SIGNAL SERVICE														
#6	TOTAL												2	2
#10	LUMINAIRE	2	2				2	2	2					2
#10	TOTAL	2	2				2	2	2					2
DLC	#1 DETECTOR LOOP				1			2	2					2
	#2 DETECTOR LOOP	2(N)	2(N)	2(N)						2(N)				2(N)
	#3 DETECTOR LOOP							2	2	2				2
	#4 DETECTOR LOOP							2	2	2				2
	#5 DETECTOR LOOP	1	2	2							2			2
	#6 DETECTOR LOOP					2(N)					2(N)			2(N)
	#7 DETECTOR LOOP						1	1	1	1				1
	#8 DETECTOR LOOP													2
	TOTAL	3	5	5	2	3	3	7	11				2	14
WIRELESS INTERCONNECT CABLE														
25PR #19 SIC INTERCONNECT CABLE														
										1	2			2
CONDUIT SIZE		2"	2"	3"	2"	2"	3"	3"	3"	3"	3"	2"	2-3"	2"

■ ALL CONDUCTORS ARE EXISTING UNLESS OTHERWISE NOTED; (N) = NEW

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS, PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.



APPROVED BY:
Sharon Perlestein 9/11/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

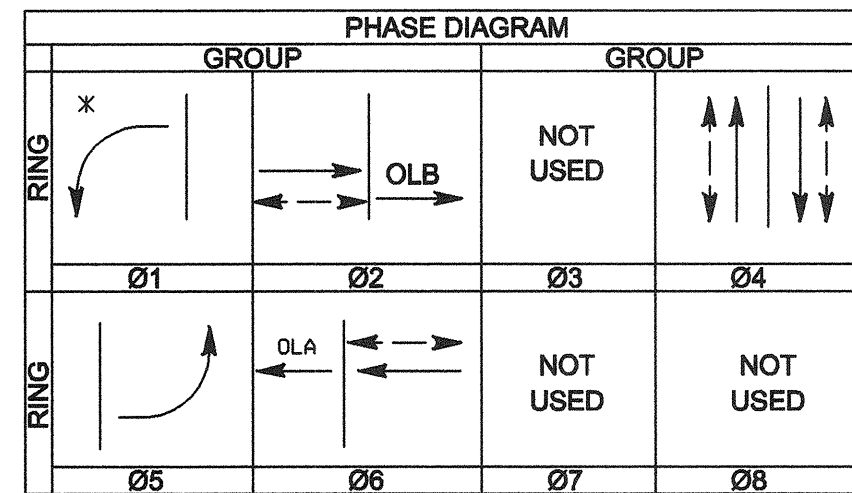
TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & FAIRFAX AVE.

DRAWN BY:
 DESIGNED BY:
 CHECKED BY:

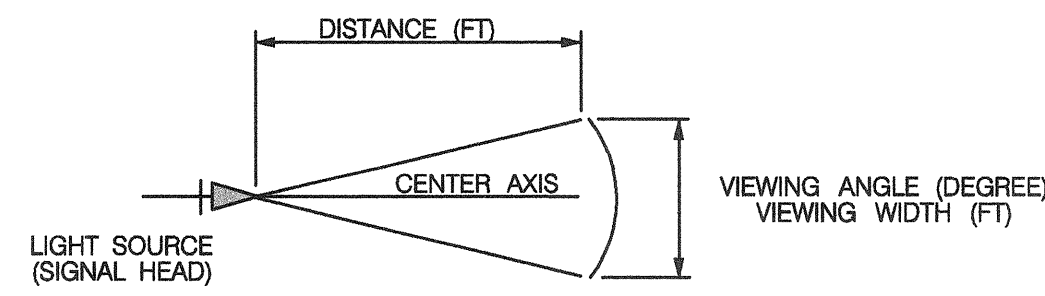
SHT. 25 OF 38 SHTS.

PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



* FIRE PREEMPTION USE ONLY (Ø1 & Ø6 ON DURING FIRE PREEMPTION)



GEOMETRICALLY PROGRAMMED LOUVRES (GPL)			
SIGNAL HEADS	DISTANCE	VIEWING ANGLE	VIEWING WIDTH
(A)	184'	13°	42'
(B)	196'	11°	38'
(C)	184'	13°	42'
(D)	184'	13°	42'
(E)	196'	11°	38'
(F)	184'	13°	42'

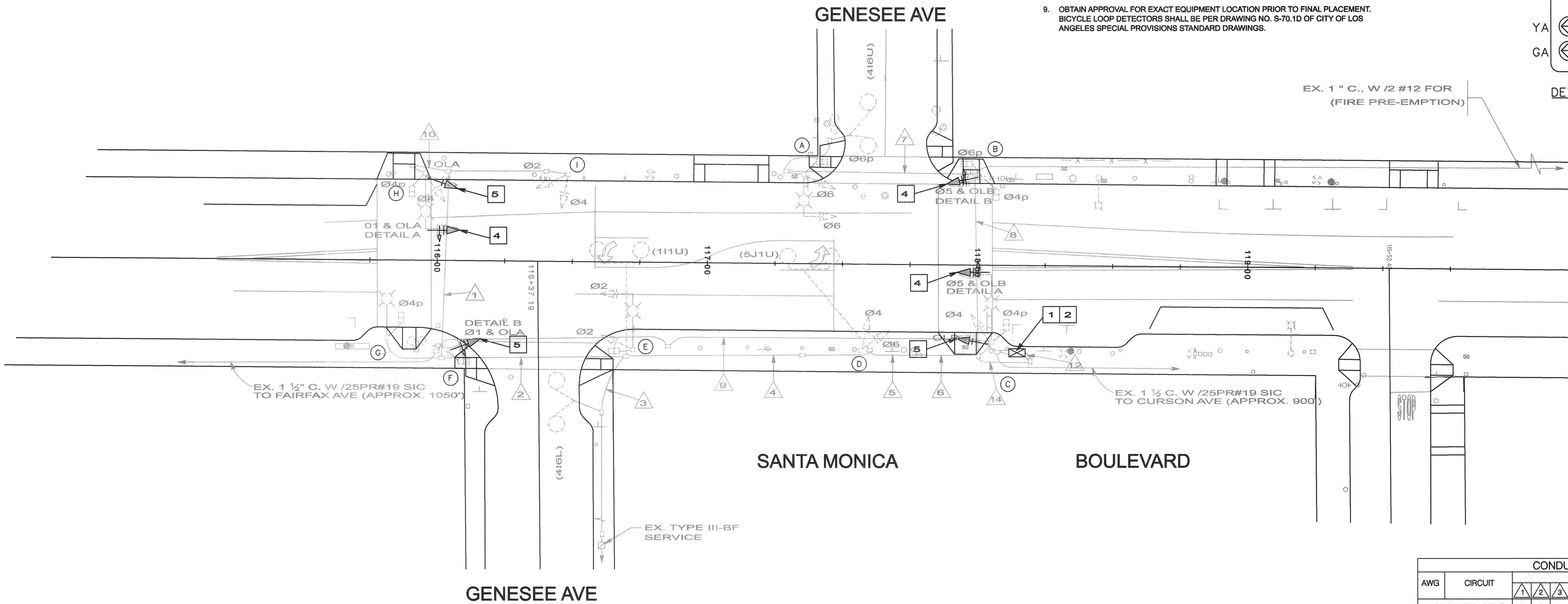
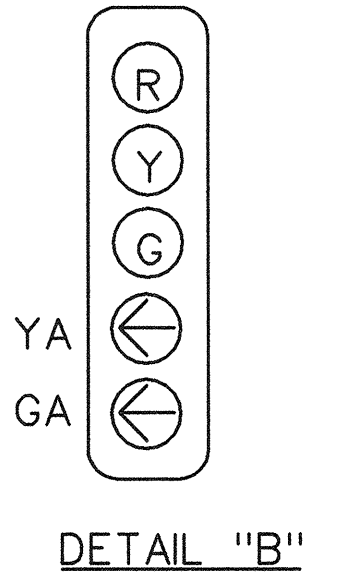
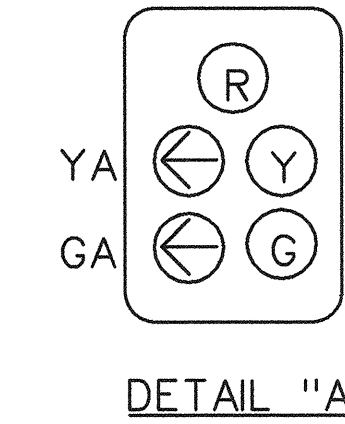
SCALE: 1" = 20'

GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
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CONSTRUCTION NOTES

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- INSTALL AND CONFIGURE LAYER II SWITCH
- REMOVE PROGRAMMED VISIBILITY (PV) HEADS AND INSTALL NEW VEHICLE HEADS WITH GEOMETRICALLY PROGRAMMED LOUVRES (GPL).
- INSTALL GEOMETRICALLY PROGRAMMED LOUVRES (GPL) ON EXISTING VEHICLE HEADS



POLE SCHEDULE

NO.	POLE DATA		LUM. M.A.	LUMINAIRE HPSV	VEH. SIG. MTG.		PED SIGNAL	PPB			SIGN PANEL	POLE LOCATION			REMARKS
	TYPE	SIGNAL M.A.			MAST ARM	POLE		MTG.	Ø	QUAD.		ARROW	A	B	
(A)	17-2-70	20'	12'	200W	MAS	SV-1-T	SP-1-T	-	-	-	Genesee Ave	-	-	-	EXISTING
(B)	1A	-	-	-	-	TV-1-T(N)	SP-2-T	4	W	RT	-	-	-	-	EXISTING
(C)	17-3-129	25'	12'	200W	MAS-5A(N)	SV-2-T	SP-1-T	4	W	LT	-	-	-	-	EXISTING
(D)	1A	-	-	-	-	TV-2-T	-	-	-	-	-	-	-	-	EXISTING
(E)	17-2-90	20'	12'	200W	MAS	SV-1-T	SP-1-T	-	-	-	Genesee Ave	-	-	-	EXISTING
(F)	1A	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	-	-	-	EXISTING
(G)	15	-	12'	200W	-	-	SP-1-T	4	E	RT	-	-	-	-	EXISTING
(H)	19-2-70	25'	12'	200W	MAS-5A(N)	SV-2-T	SP-1-T	4	N	RT	-	-	-	-	EXISTING
(I)	1A	-	-	-	-	TV-2-T	-	-	-	-	-	-	-	-	EXISTING
(J)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EXISTING

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN: (N) = NEW

AWG		CIRCUIT	CONDUCTOR SCHEDULE																
			RUN NO.																
			1	2	3	4	5	6	7	8	9	10	11	12	13	14			
28-CONDUCTOR CABLE			1	1	-	1	1	1	1	1	1	1	1	1	1	1	2	2	2
#10	SIGNAL COMMON		1	1	-	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	LUMINAIRES		2	2	-	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	TOTAL		3	3	-	3	3	3	3	3	3	3	3	3	3	3	6	6	6
2#12 DLC	#1 DETECTOR		-	-	-	2	2	2	-	-	-	-	-	-	-	-	2	2	2
	#4 DETECTOR		-	-	-	2	2	2	2	2	2	2	2	2	2	2	4	4	4
	#6 DETECTOR		-	-	-	2	2	2	-	-	-	-	-	-	-	-	2	2	2
TOTAL		-	-	-	4	4	4	4	4	4	4	4	4	4	4	8	8	8	
#8	SERVICE		-	-	-	2	2	2	2	-	-	-	-	-	-	-	2	2	
25#19	INTERCONNECT		-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	
#12	FIRE PREEMPTION		-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	
	CONDUIT SIZE		3"	1 1/2"	1 1/2"	2"	2"	2"	1 1/2"	3"	3"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	

■ ALL CONDUCTORS ARE EXISTING

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.



APPROVED BY:
Sharon Perle 7/1/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		APP.	DATE
NO.	DESCRIPTION		

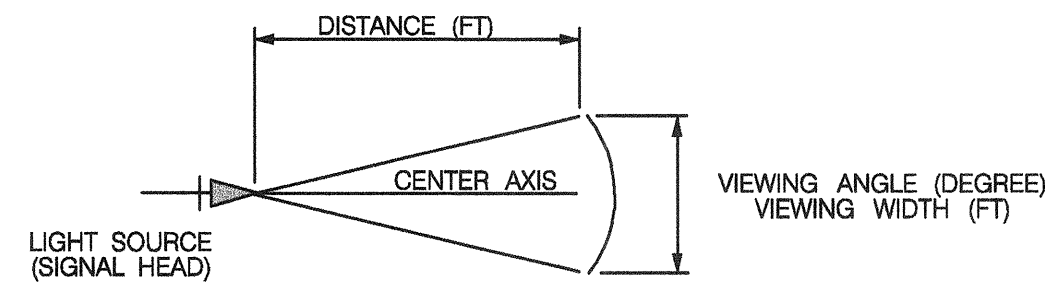
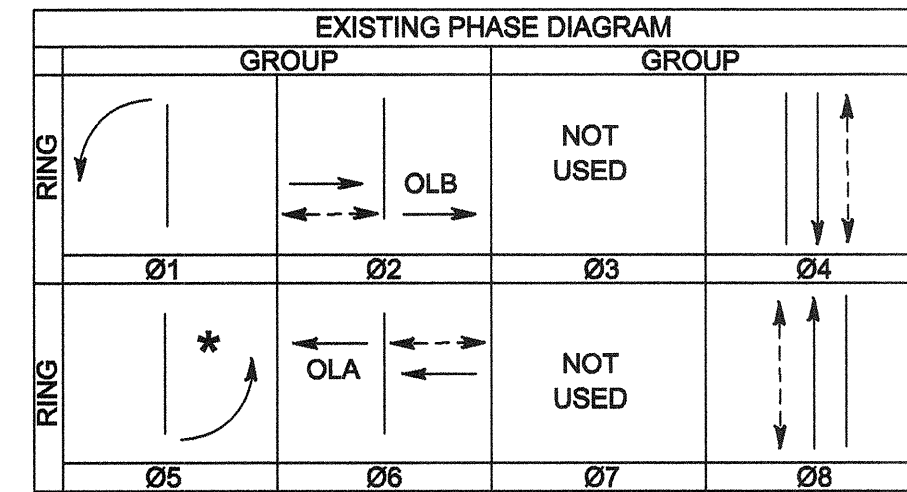
CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & GENESEE AVE.

DRAWN BY:
 DESIGNED BY:
 CHECKED BY:

SHT. 26 OF 38 SHTS.

PLAN NO. _____



GEOMETRICALLY PROGRAMMED LOUVERS (GPL)			
SIGNAL HEADS	DISTANCE	VIEWING ANGLE	VIEWING WIDTH
(A)	184'	13°	42'
(B)	196'	11°	38'
(C)	184'	13°	42'
(D)	184'	13°	42'
(E)	196'	11°	38'
(F)	184'	13°	42'

CONDUCTOR SCHEDULE		RUN NO.											
AWG	CIRCUIT	1	2	3	4	5	6	7	8	9	10	11	12
28	CONDUCTOR CABLE	1	1	-	1	1	1	1	-	2	2	-	
#10	LUMINAIRES	2	2	-	2	2	2	2	-	-	-	-	
	TOTAL	2	2	-	2	2	2	2	-	-	-	-	
#6	SERVICE	-	-	-	2	-	-	-	-	2	2	-	
	TOTAL	-	-	-	2	-	-	-	-	2	2	-	
DLC	PHASE 1	-	-	-	-	1	1	-	-	1	-	1	
	PHASE 4	-	-	1	1	1	-	-	-	1	-	1	
	PHASE 5	-	-	-	-	1	-	-	-	1	-	1	
	PHASE 8	-	-	-	-	1	1	-	-	1	1	-	
	TOTAL DLC	-	-	1	1	1	3	2	-	1	4	4	
25#19	INTERCONNECT	-	-	-	-	-	-	-	-	-	-	2	
	CONDUIT SIZE	(3")	(3")	(2")	(3")	(3")	(3")	(3")	(3")	(2 1/2")	(3")	(2 1/2")	

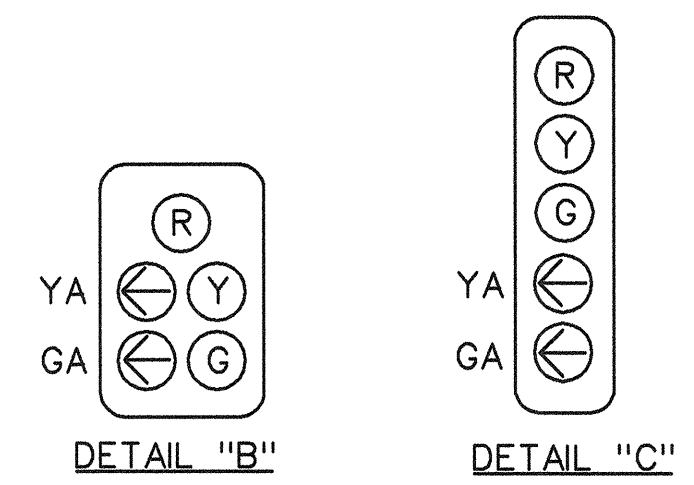
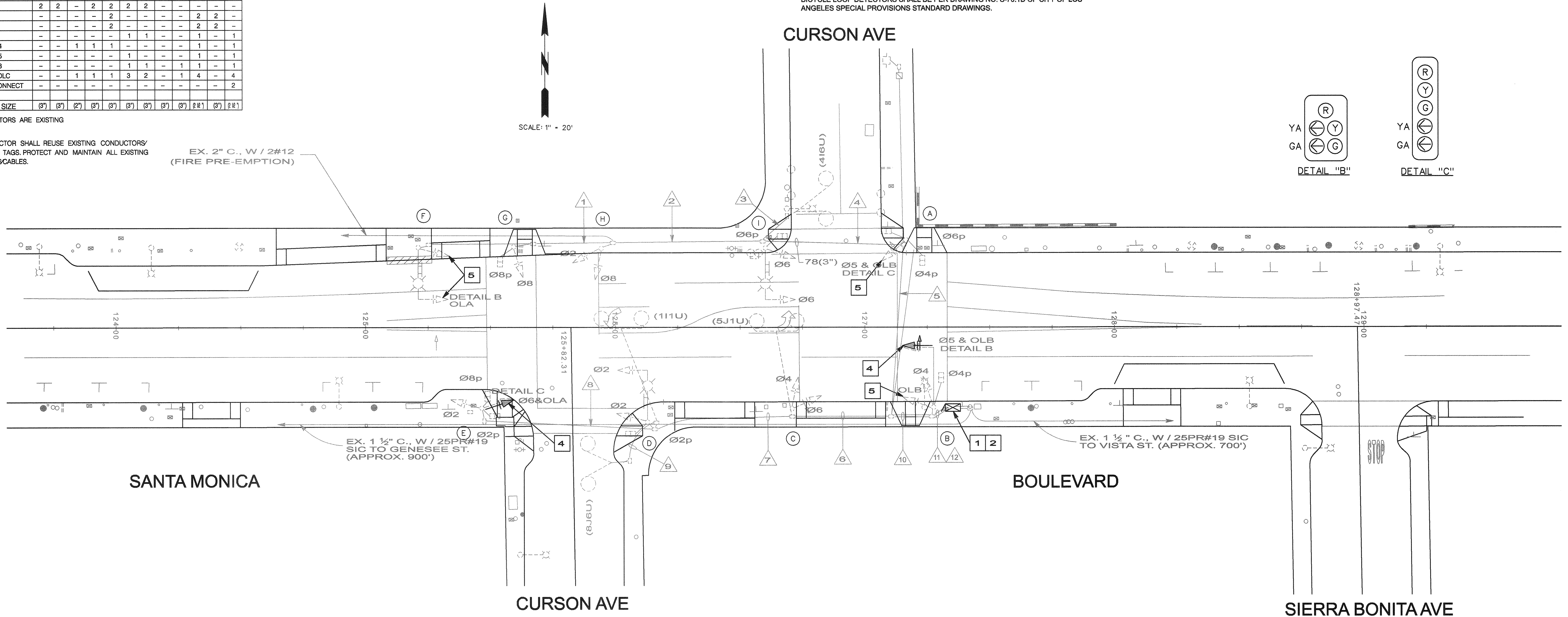
■ ALL CONDUCTORS ARE EXISTING

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

EX. 2" C., W / 2#12 (FIRE PRE-EMPTION)

EX. 1 1/2" C., W / 25PR#19 SIC TO GENESEE ST. (APPROX. 900')

EX. 1 1/2" C., W / 25PR#19 SIC TO VISTA ST. (APPROX. 700')



GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
- ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
- ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
- ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-8C.
- ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
- CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION. INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL AND CONFIGURE LAYER II SWITCH
- REMOVE PROGRAMMED VISIBILITY (PV) HEADS AND INSTALL NEW VEHICLE HEADS WITH GEOMETRICALLY PROGRAMMED LOUVERS (GPL).
- REMOVE EXISTING VEHICLE HEAD. INSTALL NEW VEHICLE HEAD.

POLE SCHEDULE															
NO.	STANDARD			LUMINAIRE HPSV	VEH. SIG. MTG.		PED. SIGNAL	• PPB (N)			SIGN PANEL	POLE LOCATION			REMARKS
	TYPE	SIG. M.A.	LUM. M.A.		MAST ARM	POLE		MTG.	Ø	QUAD.		ARROW	E	B	
(A)	1A	-	-	-	-	TV-1-T	SP-2-T	4	E	LT	-	-	-	EXISTING	
(B)	19-2-70	25'	8'	200W	MAS-5A(N)	SV-2-T	SP-1-T	4	W	LT	-	-	-	EXISTING	
(C)	1A	-	-	-	-	TV-2-T	-	-	-	-	-	-	-	EXISTING	
(D)	17-2-70	20'	8'	MAS	MAS	SV-1-T	SP-1-T	-	-	-	CURSON	-	-	EXISTING	
(E)	1A	-	-	-	-	TV-2-T(N)	SP-2-T	8	E	RT	-	-	-	EXISTING	
(F)	17-3-129	20'	12'	200W	MAS-5A	TV-1-T	-	-	-	-	-	-	-	EXISTING	
(G)	1A	-	-	-	-	TV-1-T	SP-1-T	8	W	RT	-	-	-	EXISTING	
(H)	1A	-	-	-	-	TV-1-T	-	-	-	-	-	-	-	EXISTING	
(I)	17-2-70	20'	12'	200W	MAS	SV-1-T	SP-1-T	-	-	-	CURSON	-	-	EXISTING	
(J)	-	-	-	-	-	-	-	-	-	-	-	-	-	EXISTING	

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN. (N) = NEW

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



APPROVED BY:
Sharon Perlestein 9/11/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	DATE

CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & CURSON AVE.

DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____

SHT. 27 OF 38 SHTS.

PLAN NO. _____

CONDUCTOR SCHEDULE										
AWG	CIRCUIT	RUN NO.								
		1	2	3	4	5	6	7	8	
28	CONDUCTOR CABLE	2	2	1	1	1	1	1	1	1
#10	LUMINAIRE	-	4	2	2	2	2	2	2	2
DLC	A2	2	-	-	-	-	-	-	2	2
	A4	2	2	2	2	2	2	-	-	-
	A8	2	2	2	2	-	-	-	-	-
2#16	TOTAL	8	6	4	4	2	2	-	2	2
CONDUIT SIZE		2-78	2-78	78	78	63	78	63	78	63
		(3")	(3")	(3")	(3")	(2 1/2")	(3")	(2 1/2")	(3")	(2 1/2")

■ ALL CONDUCTORS ARE EXISTING
 THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/
 CABLES AND TAGS, PROTECT AND MAINTAIN ALL EXISTING
 CONDUCTORS/CABLES.

POLE SCHEDULE													
NO.	STANDARD			LUMINAIRE	VEH. SIG. MTG.		PED. SIGNAL	PPB			SIGN PANEL	POLE LOCATION (SEE LISTING, PG. 2)	REMARKS
	TYPE	SIG. MA	LUM. MA	HPSV	MAST ARM	POLE	MTG.	Ø	QUAD.	ARROW			
(A)	17-2-70	15'	8'	200W	MAS	SV-1-T	SP-1-T	-	-	-	Santa Monica Bl	EXISTING	
(B)	1A	-	-	-	-	TV-1-T	SP-1-T	4	E	RT	-	EXISTING	
(C)	17-2-70	20'	8'	200W	MAS	SV-1-T	SP-1-T	4	E	LT	Gardner St	EXISTING	
(D)	1A	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	EXISTING	
(E)	17-2-70	15'	8'	200W	MAS	SV-1-T	SP-1-T	-	-	-	Santa Monica Bl	EXISTING	
(F)	1A	-	-	-	-	TV-1-T	SP-1-T	8	W	RT	-	EXISTING	
(G)	17-2-70	20'	8'	200W	MAS	SV-1-T	SP-1-T	8	W	LT	Vista St	EXISTING	
(H)	1A	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	EXISTING	

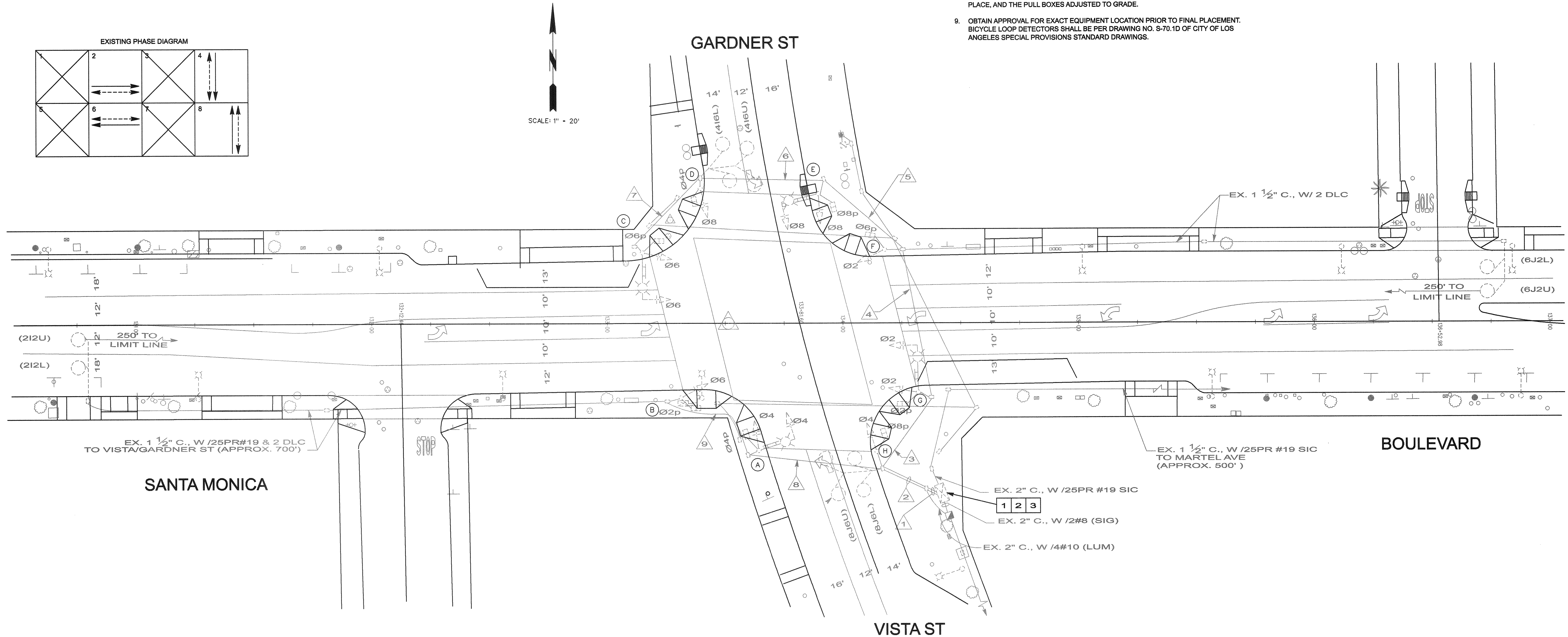
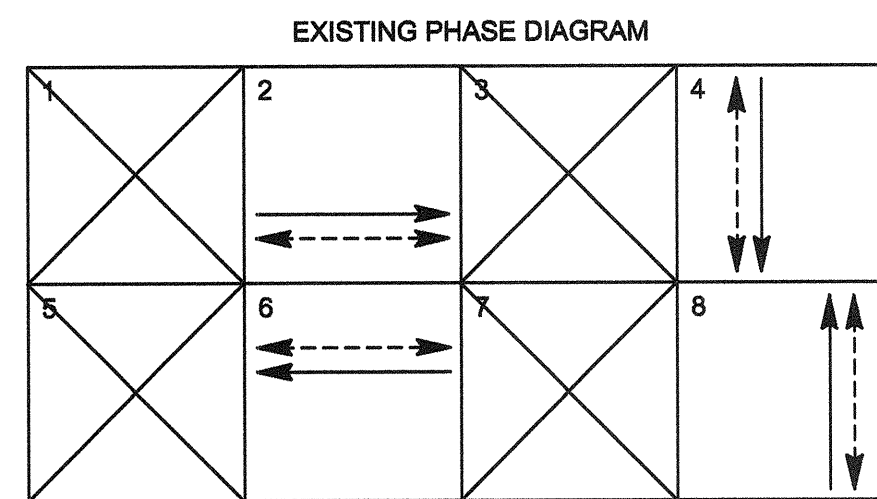
■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.

GENERAL NOTES

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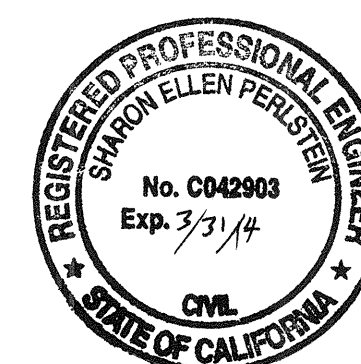
CONSTRUCTION NOTES

- SALVAGE EXISTING 170 CONTROLLER. INSTALL NEW 2070E CONTROLLER AND 2010E CLIP CONFLICT MONITOR PER OPERATION AS SHOWN.
- INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH



THIS PLAN IS ACCURATE FOR TRAFFIC SIGNAL EQUIPMENT ONLY

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



APPROVED BY:
Sharon Perstein 3/1/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD
 TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & VISTA ST./GARDNER ST.

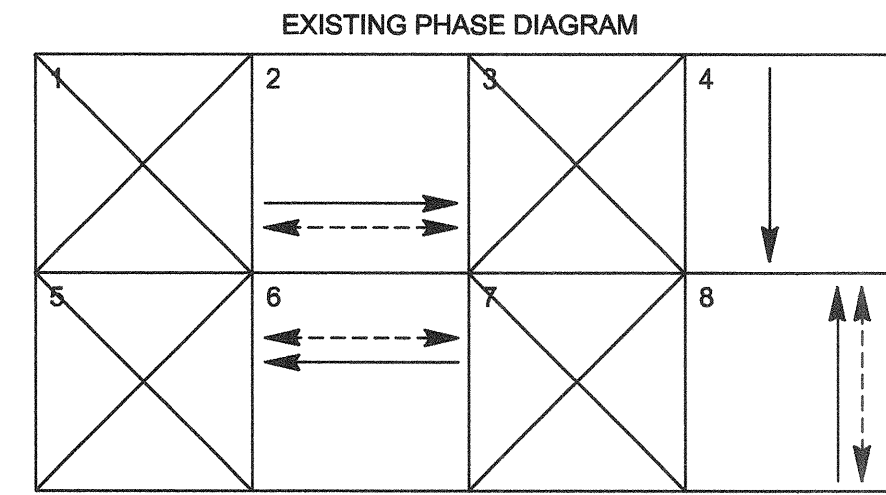
DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____

SHT. 28 OF 38 SHTS.

PLAN NO. _____

CONDUCTOR SCHEDULE		RUN NO.			
AWG	CIRCUIT	1	2	3	4
28	CONDUCTOR CABLE	2	1	1	1
#10	LUMINAIRE	-	2	2	2
#8	SERVICE	-	-	-	-
2 #16	#4	1	-	-	-
DLC	#8	1	1	1	-
	TOTAL	2	1	1	-
25PR	#19 SIC	-	-	-	-
CONDUIT SIZE		2-78 (2-3")	78 (3")	78 (3")	78 (3")

■ ALL CONDUITS ARE EXISTING
 THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

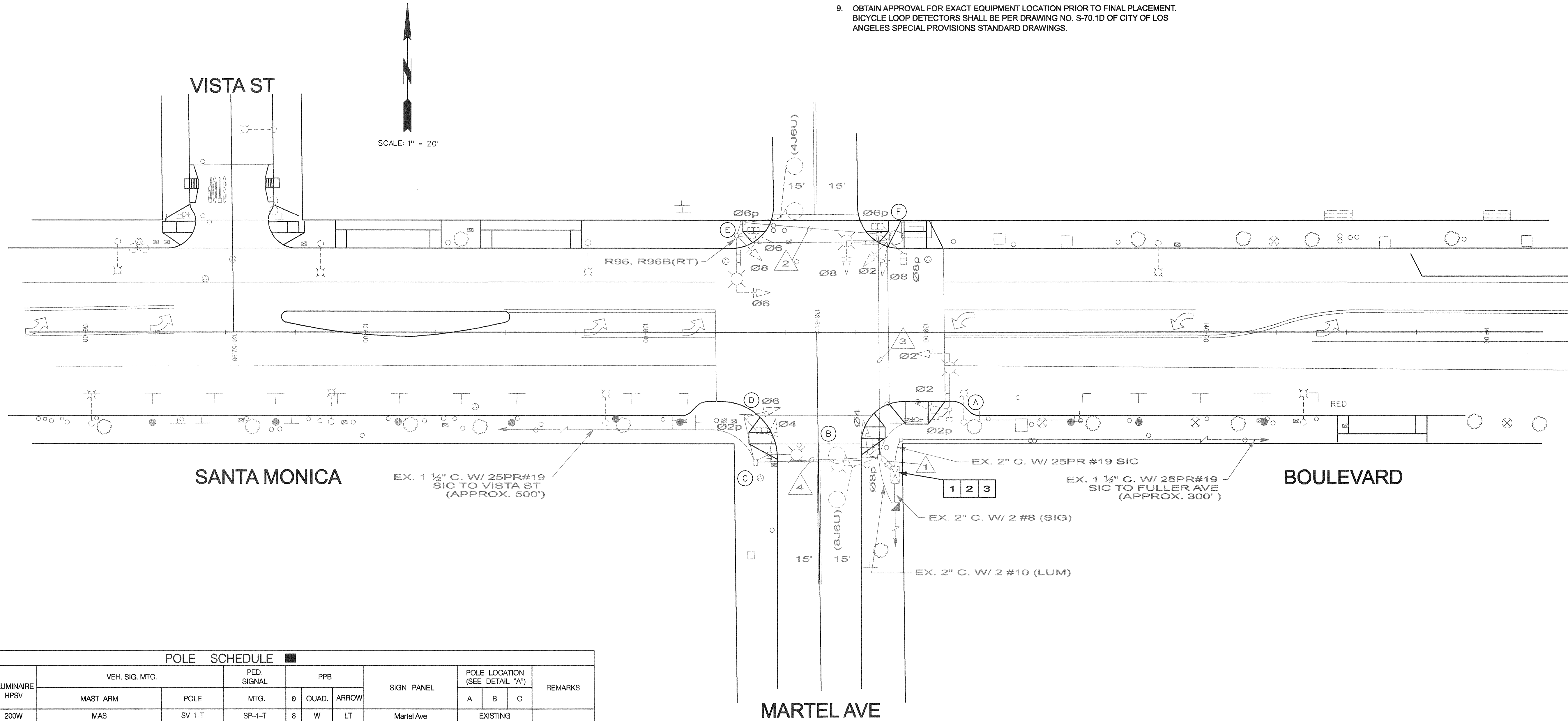


GENERAL NOTES

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CONSTRUCTION NOTES

- SALVAGE EXISTING 170 CONTROLLER. INSTALL NEW 2070E CONTROLLER AND 2010E CLIP CONFLICT MONITOR PER OPERATION AS SHOWN.
- INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH



NO.	POLE SCHEDULE										REMARKS				
	STANDARD			LUMINAIRE HPSV	VEH. SIG. MTG.		PED. SIGNAL	PPB				SIGN PANEL	POLE LOCATION (SEE DETAIL "A")		
	TYPE	SIG. M.A.	LUM. M.A.		MAST ARM	POLE		MTG.	Ø	QUAD.			ARROW	A	B
(A)	19-4-113	20'	12'	200W	MAS	SV-1-T	SP-1-T	8	W	LT	Martel Ave	EXISTING			
(B)	1A	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	EXISTING			
(C)	15	-	-	-	-	SV-1-T	-	-	-	-	-	EXISTING			
(D)	1A	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	EXISTING			
(E)	19-4-113	20'	12'	200W	MAS	SV-2-TA	SP-1-T	-	-	-	Martel Ave	EXISTING			
(F)	15	12'	200W	MAS	SV-2-TA	SP-1-T	8	E	LT	-	Santa Monica Bl	EXISTING			

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.



APPROVED BY:
Sharon Perstein 9/1/13
 CIVIL ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

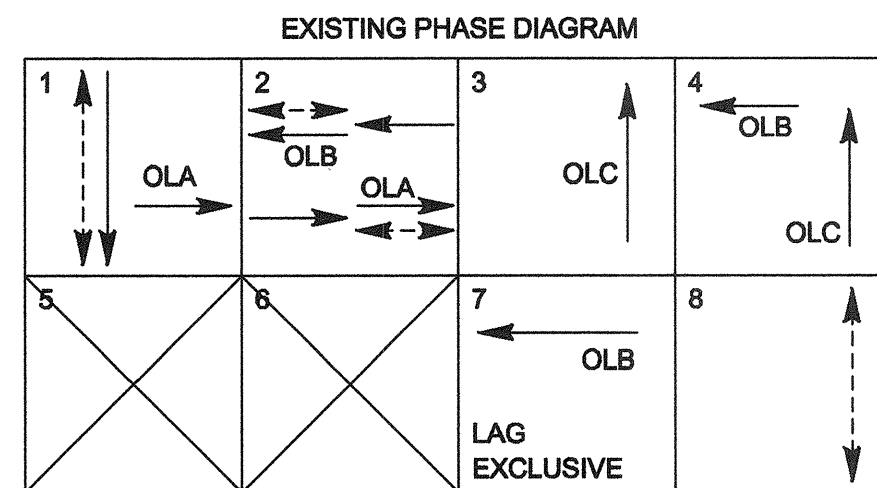
TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & MARTEL AVE.

DRAWN BY:
 DESIGNED BY:
 CHECKED BY:

SHT. 29 OF 38 SHTS.

PLAN NO. _____

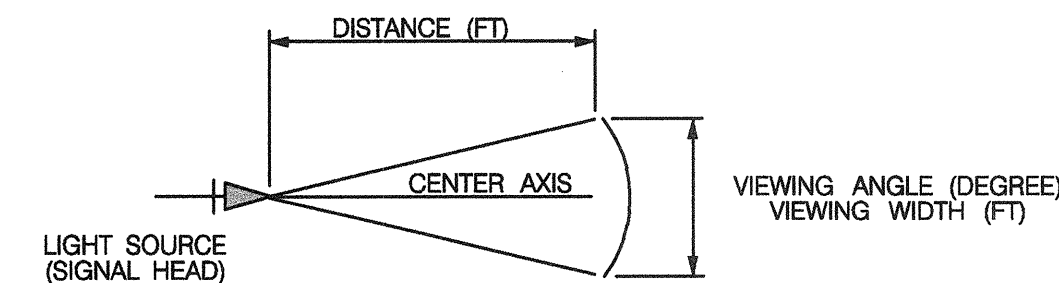
THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



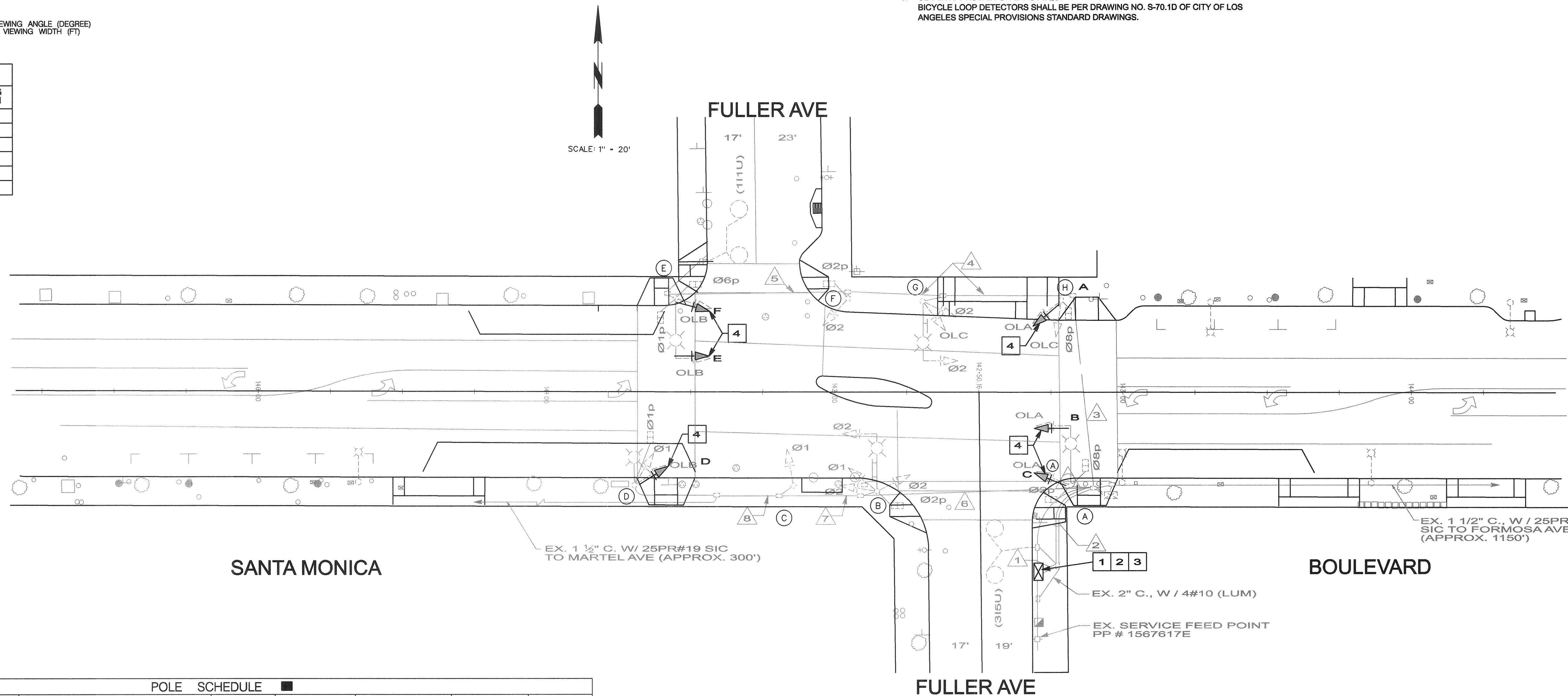
NOTES: OLA = Ø1 & Ø2 OLB = Ø2, Ø4, Ø7
 OLC = Ø3 & Ø4 Ø2 & Ø2 PED REDIRECTED TO Ø6 LOAD SWITCH

AWG	CIRCUIT	RUN NO.							
		1	2	3	4	5	6	7	8
28	CONDUCTOR CABLE	2	1	1	1	2	1	1	1
#10	LUMINAIRE	-	4	2	2	2	2	2	2
#6	SERVICE	-	-	-	-	-	-	-	-
DLC	Ø1 LOOPS	1	1	1	1	1	-	-	-
	Ø3 LOOPS	1	-	-	-	-	-	-	-
	TOTAL	2	1	1	1	1	-	-	-
25PR	#19 SIC	2	2	-	-	-	-	-	-
CONDUIT SIZE		2-3"	2-3"	3"	3"	3"	3"	3"	3"

■ ALL CONDUCTORS ARE EXISTING
 THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.



SIGNAL HEADS	DISTANCE	VIEWING ANGLE	VIEWING WIDTH
(A)	134'	13°	30'
(B)	146'	13°	33'
(C)	146'	13°	33'
(D)	163'	13°	37'
(E)	159'	13°	36'
(F)	150'	13°	34'



GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
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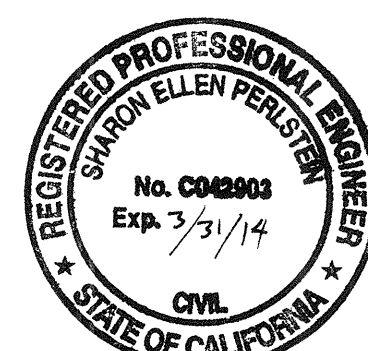
CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION. INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH
- REMOVE PROGRAMMED VISIBILITY (PV) HEADS AND INSTALL NEW VEHICLE HEADS WITH GEOMETRICALLY PROGRAMMED LOUVRES (GPS).

POLE SCHEDULE

NO.	STANDARD			LUMINAIRE HPSV	VEH. SIG. MTG.		PED. SIGNAL	PPB			SIGN PANEL	POLE LOCATION (SEE DETAIL "A")			REMARKS
	TYPE	SIG. M.A.	LUM. M.A.		MAST ARM	POLE		MTG.	Ø	QUAD.		ARROW	A	B	
(A)	17D-1-70	18'	12'	200W	MAS(N)	SV-1-T(N)	SP-2-T	8	E	RT	-	-	-	EXISTING	
(B)	17-2-70	20'	12'	200W	MAS	SV-3-TA	SP-1-T	-	-	-	-	-	-	Fuller Av	
(C)	1A	-	-	-	-	TV-1-T	-	-	-	-	-	-	-	EXISTING	
(D)	15	-	12'	200W	-	SV-2-T(N)	SP-1-T	1	E	RT	-	-	-	EXISTING	
(E)	17D-1-70	20'	12'	200W	MAS(N)	SV-1-T(N)	SP-2-T	1	W	RT	-	-	-	EXISTING	
(F)	1A	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	-	-	EXISTING	
(G)	17-2-70	20'	12'	200W	MAS	SV-2-T	-	-	-	-	-	-	-	Fuller Av	
(H)	1A	-	-	-	-	TV-2-T(N)	SP-1-T	8	E	LT	-	-	-	EXISTING	

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN: (N)=NEW



APPROVED BY:
Sharon Perlestein 3/1/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS			
NO.	DESCRIPTION	APP.	DATE

CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & FULLER AVE.

DRAWN BY:
 DESIGNED BY:
 CHECKED BY:

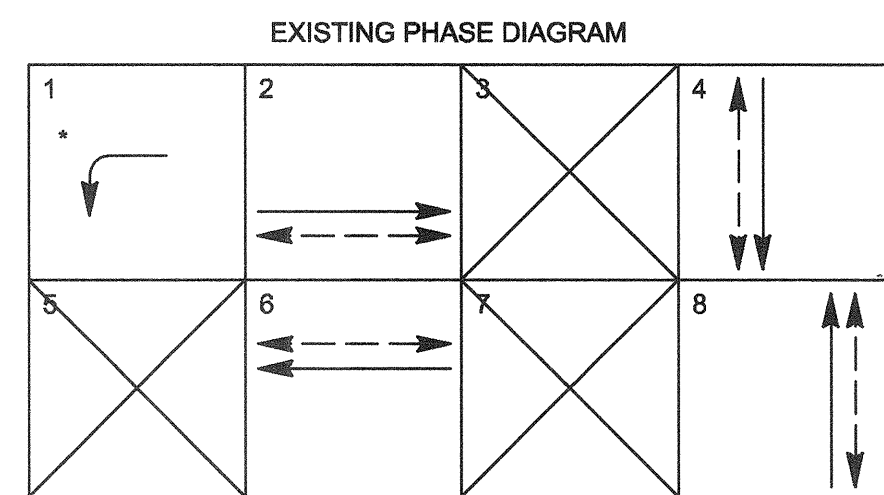
SHT. 30 OF 38 SHTS.

PLAN NO. _____

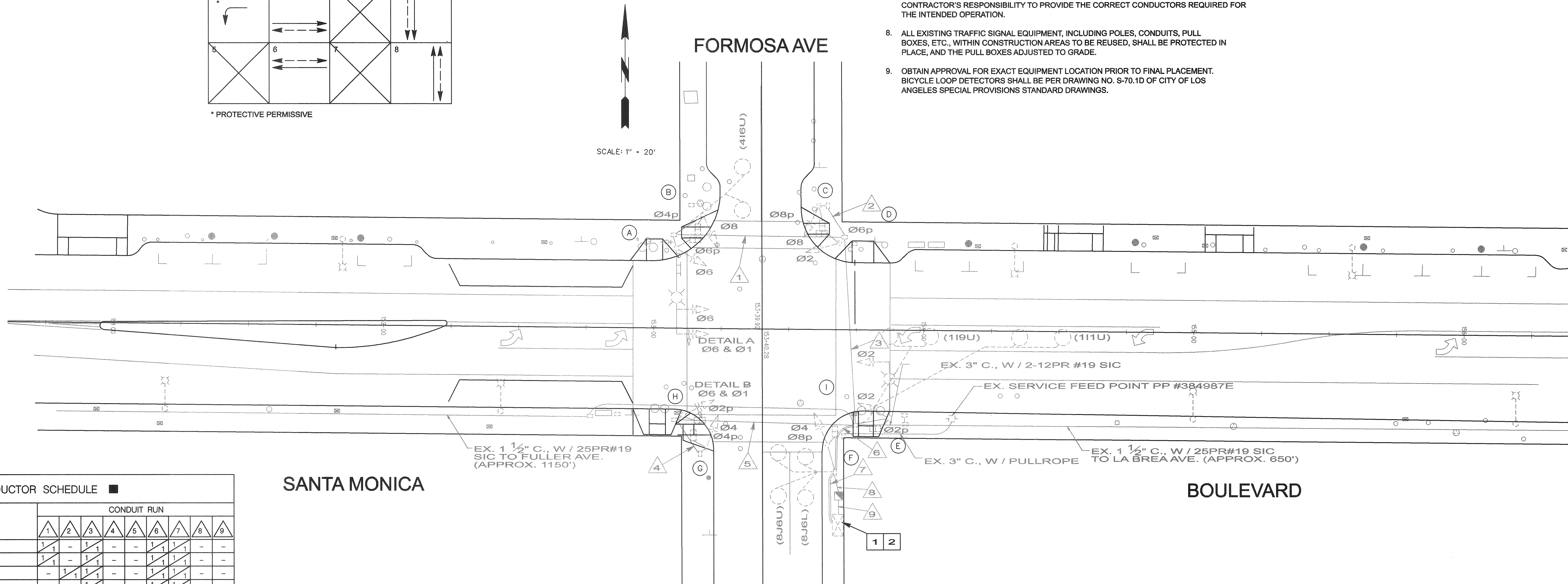
THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY

POLE SCHEDULE																		
NO.	POLE DATA			SIGNAL			SIGNAL MOUNTING			PPB			STREET NAME SIGN (NON-ILL)*		POLE LOCATION			REMARK
	TYPE	HEIGHT	M.A.	M.A.	HPS	M.A.	VEH.	PED.	PHASE	LOC.	TYPE	FRONT	BACK	A	B	C		
(A)	19-4-129	30'	30'	12'	200W	MAS-5A	SV-1-T	SP-1-T	Ø4	E	RT	Formosa Av	-	-	-	-	EXISTING	
(B)	1-A	10'	-	-	20'	-	TV-1-T	SP-1-T	-	-	-	-	-	-	-	-	EXISTING	
(C)	1-A	10'	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	-	-	-	-	EXISTING	
(D)	1-A	10'	-	-	-	-	TV-1-T	SP-1-T	Ø8	E	LT	-	-	-	-	-	EXISTING	
(E)	TYPE XVII	30'	20'	12'	200W	MAS	SV-1-T	SP-1-T	-	-	-	Formosa Av	Formosa Av	-	-	-	EXISTING	
(F)	1-A	10'	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	-	-	-	-	EXISTING	
(G)	1-A	10'	-	-	-	-	TV-1-T	SP-1-T	-	-	-	-	-	-	-	-	EXISTING	
(H)	1-A	10'	-	-	-	-	TV-1-T	SP-1-T	Ø4	E	RT	-	-	-	-	-	EXISTING	
(I)	PPB POST	-	-	-	-	-	-	-	Ø8	W	LT	-	-	-	-	-	EXISTING	

■ - ALL EQUIPMENTS ARE EXISTING UNLESS OTHERWISE SHOWN:



* PROTECTIVE PERMISSIVE



GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
- ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
- ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
- ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
- ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
- CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

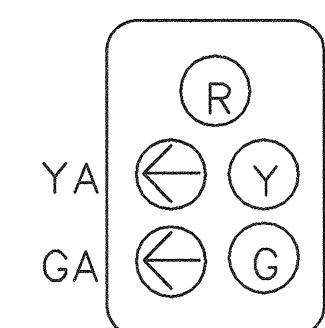
- SALVAGE EXISTING 170 CONTROLLER. INSTALL NEW 2070E CONTROLLER AND 2010E CLIP CONFLICT MONITOR PER OPERATION AS SHOWN.
- INSTALL AND CONFIGURE LAYER II SWITCH

CONDUCTOR SCHEDULE										
AWG.	CIRCUIT	CONDUIT RUN								
		1	2	3	4	5	6	7	8	9
12CC	POLE #1	1	1	1	1	1	1	1	1	1
	POLE #2	1	1	1	1	1	1	1	1	1
	POLE #3	1	1	1	1	1	1	1	1	1
	POLE #4	1	1	1	1	1	1	1	1	1
	POLE #5	1	1	1	1	1	1	1	1	1
	POLE #6	1	1	1	1	1	1	1	1	1
	POLE #7	1	1	1	1	1	1	1	1	1
	POLE #8	1	1	1	1	1	1	1	1	1
	POLE #9	1	1	1	1	1	1	1	1	1
TOTAL	2	2	2	2	2	2	2	2	2	
#10	LUMINAIRE	2	2	2	2	2	2	2	2	2
	TOTAL #10	2	2	2	2	2	2	2	2	2
#8	SIGNAL SERVICE	-	-	-	-	-	-	-	-	2
	TOTAL #8	-	-	-	-	-	-	-	-	2
DLC	Ø1 DETECTOR	2	2	2	2	2	2	2	2	2
	Ø4 DETECTOR	-	-	-	-	-	-	-	-	2
	Ø8 DETECTOR	-	-	-	-	-	-	-	-	2
	TOTAL DLC	2	2	2	2	2	2	2	2	6
25PR #19 INTERCONNECT CABLE	-	-	-	-	-	-	-	-	-	2
CONDUIT SIZE	3"	3"	3"	3"	3"	2-3"	3"	3"	3"	3"
(E=EXISTING)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)	(E)

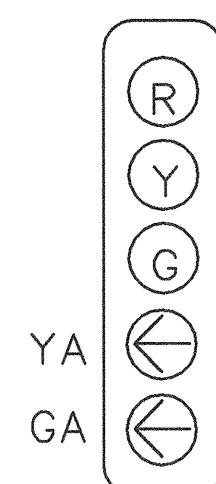
SANTA MONICA

BOULEVARD

FORMOSA AVE



DETAIL "A"



DETAIL "B"

■ ALL CONDUCTORS ARE EXISTING
THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS, PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



APPROVED BY:
Simon Perle 9/11/13
CITY ENGINEER
CITY OF WEST HOLLYWOOD

BENCH MARK:
NO. _____ ELEV. _____
DATE ADJ. _____ QUAD. _____

REVISIONS			
NO.	DESCRIPTION	APP.	DATE

CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
TRAFFIC SIGNAL COMMUNICATION PROJECT
for
SANTA MONICA BLVD. & FORMOSA AVE.

DRAWN BY:
DESIGNED BY:
CHECKED BY:

SHT. 31 OF 38 SHTS.

PLAN NO. _____

POLE SCHEDULE																
NO.	POLE TYPE	HEIGHT	SIGNAL M.A. LENGTH	SIGNAL MOUNTING			LUMINAIRE		PED. PUSH BUTTON		STREET NAME SIGN		POLE LOCATION			REMARKS
				M.A.	POLE	PED.	M.A. LENGTH	H.P.S. WATTS	PHASE	ARROW	TYPE	LEGEND	A	B	C	
(A)	19-4-70	-	30'	MAS-5A MAS	SV-1-T	SP-1-CS	12'	200W	4	←	RSNS	La Brea Av			EXISTING	
(B)	1A	-	-	-	TV-2-T	SP-1-CS	-	-	6	←	-	-			EXISTING	
(C)	19-2-70	-	25'	MAS-5A	SV-1-T	SP-1-CS	12'	250W	6	←	RSNS	Santa Monica Bl			EXISTING	
(D)	C-2 **	-	-	-	SV-2-TA	SP-1-CS	12'	200W	8	←	-	-			EXISTING	
(E)	26-4-80	-	45'	MAS-5A MAS	SV-1-T	SP-2-CS	15'	200W	8	←	RSNS	La Brea Av			EXISTING	
(F)	1A	-	-	-	TV-2-T	-	-	-	2	←	-	-			EXISTING	
(G)	19-2-70	-	25'	MAS-5A	SV-1-T	SP-1-CS	12'	200W	2	←	RSNS	Santa Monica Bl			EXISTING	
(H)	15	-	-	-	SV-2-TA	SP-1-CS	-	-	4	←	-	-			EXISTING	

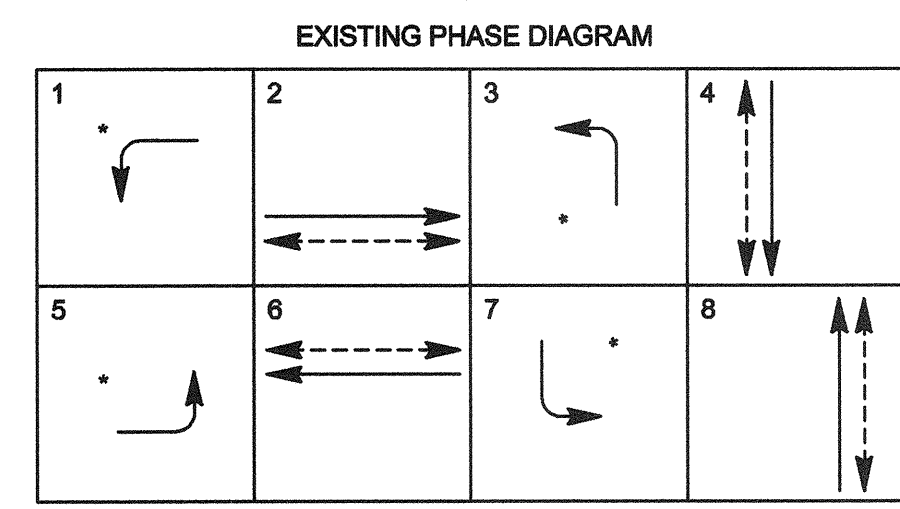
■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.
 ** - POLE STANDARD PER LADOT STANDARD DRAWING S-52.1.4B

GENERAL NOTES

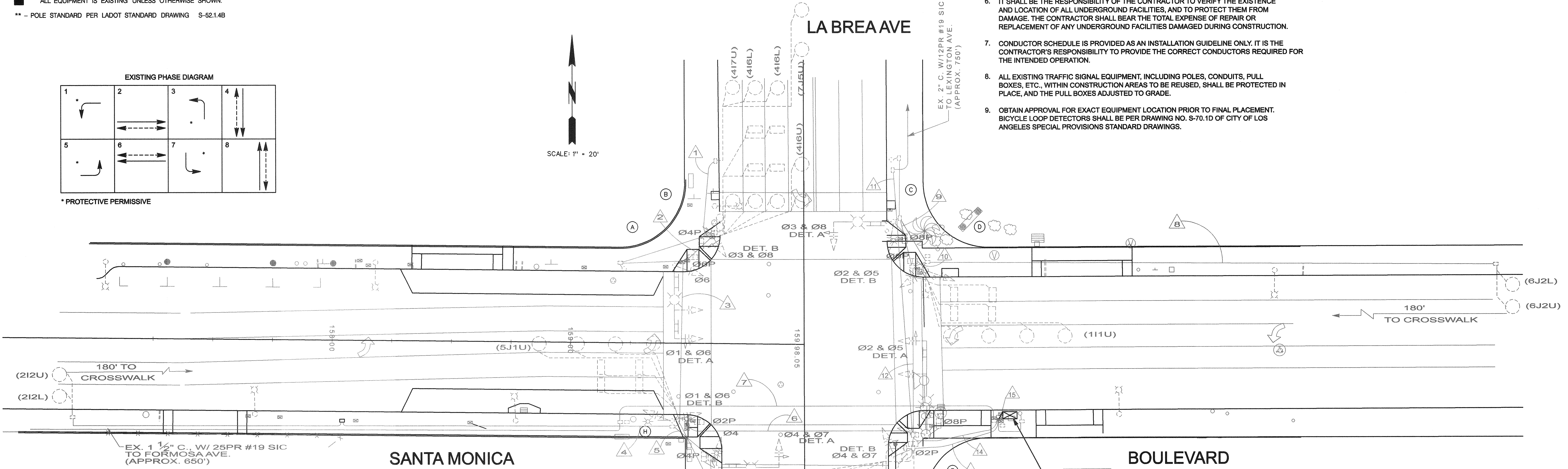
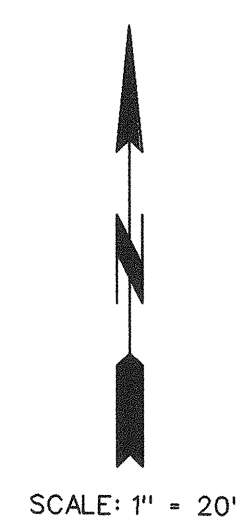
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- ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
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- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION. INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- REMOVE EXISTING BATTERY BACKUP SYSTEM AND INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH
- INSTALL AN IP ENCODER FOR CCTV

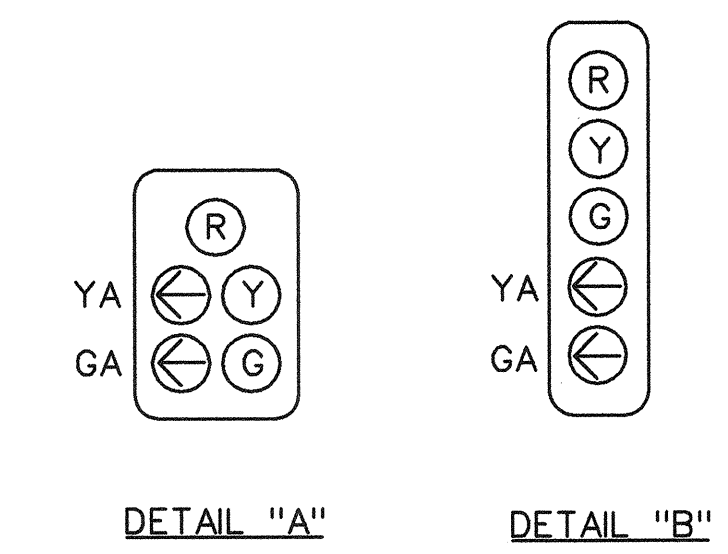


* PROTECTIVE PERMISSIVE



CONDUCTOR SCHEDULE																	
AWG SIZE	CIRCUIT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
28-CONDUCTOR CABLE																	
#6	SIGNAL SERVICE		1	1												2	2
	TOTAL															2	2
	LUMINAIRE			2	2	2				2	2		2	2			
DLC	TOTAL		2	2	2				2	2		2	2				
	#1 DETECTOR LOOP									1	1					1	1
	#2 DETECTOR LOOP				2		2									2	2
	#3 DETECTOR LOOP												1				1
	#4 DETECTOR LOOP	2	3	3			3								3	3	
	#5 DETECTOR LOOP					1										1	1
	#6 DETECTOR LOOP							2	2		2	2				2	2
	#7 DETECTOR LOOP	1	1	1			1									1	1
TOTAL	4	4	4	3		8		2	3		3	5	11		16		
12 PR #8	CCTV CAMERA CABLE										1	1				1	
25 PR #9	INTERCONNECT CABLE							1							1	1	
	INTERCONNECT CABLE														1	2	
	CONDUIT SIZE	2"	2"	3"	2"	2"	3"	2"	2"	2"	2"	2"	2"	3"	3"	2-3" 1-2"	

■ ALL CONDUCTORS ARE EXISTING
 THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.



APPROVED BY:
Sharon Perlin 9/1/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD
 TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SANTA MONICA BLVD. & LA BREA AVE.

DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____

SHT. 32 OF 38 SHTS. PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY

POLE SCHEDULE												
No	POLE DATA		SIGNAL		LUMINAIRE		SIGNAL MOUNTING			PPB		REMARK
	TYPE	HEIGHT	MA	MA	HPS	MA	VEH	PED	PHASE	QUAD	RSNS LEGEND	
1	PPB POLE	35'	-	-	-	-	-	-	*2	W	-	EXISTING
2	28-4-70	37'	37'	250W	-	SV-1-T	TP-2-T	-	-	-	-	EXISTING
3	1-0	7'	-	-	-	-	TP-1-T	-	-	-	-	EXISTING
4	CD-464	37'	15'	250W	MAS	SV-2-TA	-	-	-	-	-	EXISTING
5	19-3-100	37'	20'	250W	MAS	SV-1-T	-	-	-	-	-	EXISTING
6	19-3-100	37'	20'	250W	MAS	SV-2-TA	SP-1-C2	*3	S	-	-	EXISTING
7	19-3-100	37'	20'	250W	MAS	SV-1-T	SP-2-C2	*3	S	-	-	EXISTING

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN

GENERAL NOTES

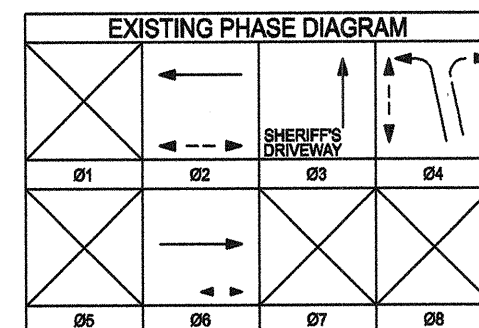
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CONSTRUCTION NOTES

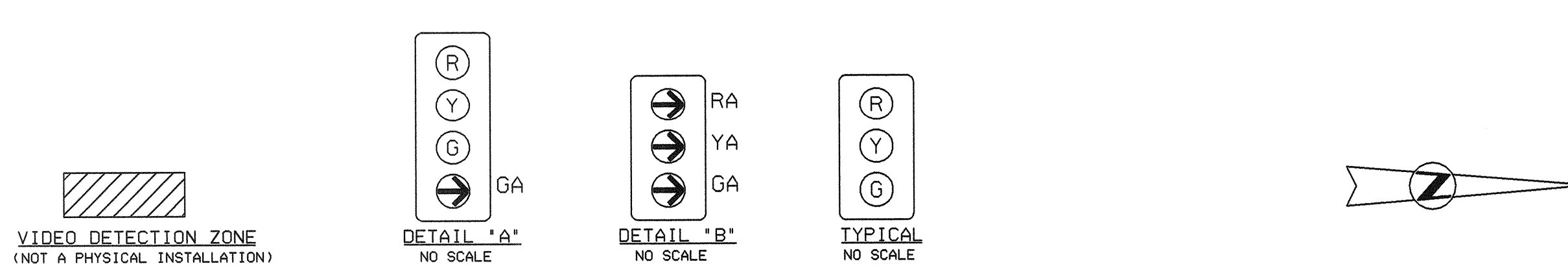
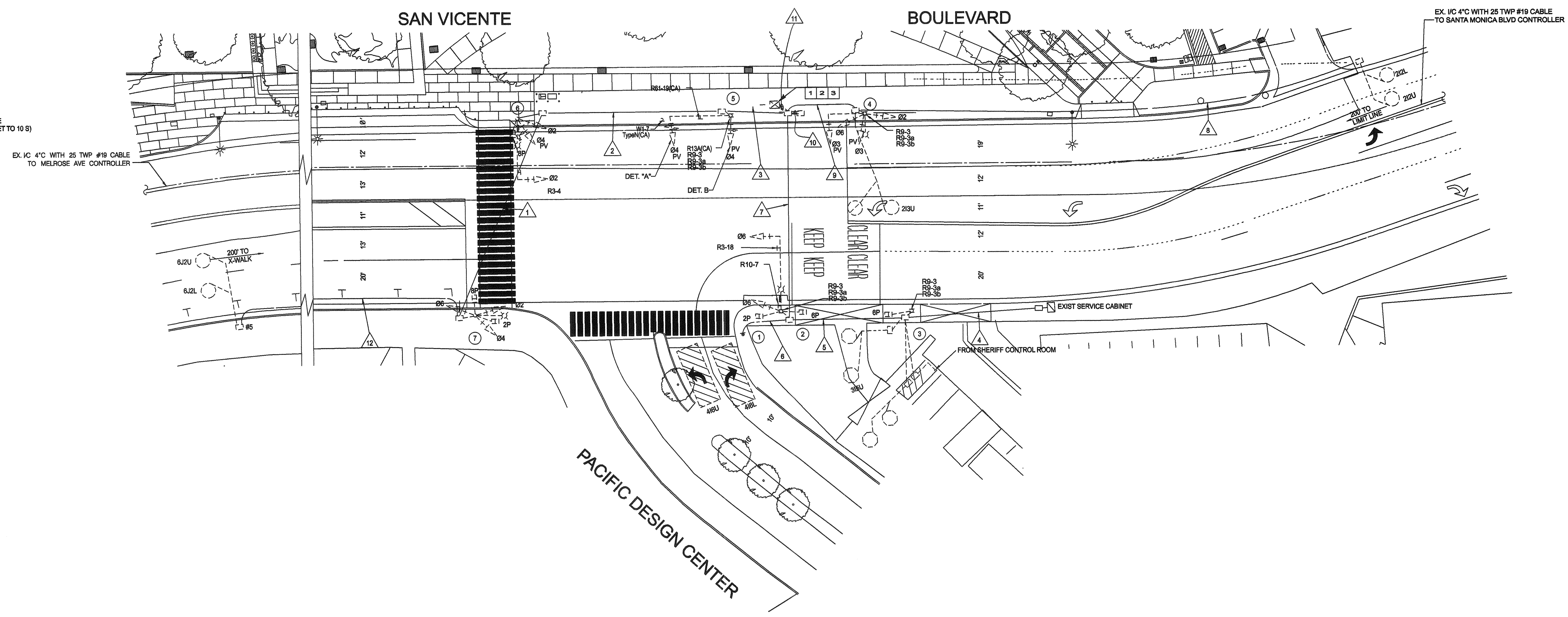
- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION. INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2015E CLD CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- INSTALL AND CONFIGURE LAYER II SWITCH

CONDUCTOR SCHEDULE												
AVG CIRCUIT	RUN											
	1	2	3	4	5	6	7	8	9	10	11	12
15 OSC 1 OSC POLE (1)												
15 OSC 1 OSC POLE (2)												
15 OSC 1 OSC POLE (3)												
15 OSC 1 OSC POLE (4)												
15 OSC 1 OSC POLE (5)												
15 OSC 1 OSC POLE (6)												
15 OSC 1 OSC POLE (7)												
15 OSC 1 OSC POLE (8)												
15 OSC 1 OSC POLE (9)												
15 OSC 1 OSC POLE (10)												
15 OSC 1 OSC POLE (11)												
15 OSC 1 OSC POLE (12)												
TOTAL	2	2	2	2	2	2	2	2	2	2	2	2
#10 LUMINAIRE	2	2	2	2	2	2	2	2	2	2	2	2
#8 SIGNAL												
LOOP LEAD-IN DUAL CONDUCTOR CABLE												
VIDEO DETECTION CABLE	1	1										
25 TWP #18 INTERCONNECT CABLE												
CONDUIT SIZE	2"	3"	3"	2"	2"	2"	2"	2"	2"	2-3"	2"	
1" = EXISTING	E	E	E	E	E	E	E	E	E	E	E	E

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN



- 02 ON VEH. RECALL
- 02 AND 06 ON DOUBLE ENTRY
- 03 AND 04 ON NON-LOCK
- TIME DELAY 03 FOR RIGHT TURNS
- SHERIFF'S PROHIBITORY (02) TYPE EVD
- 1) SHALL BE ACTIVATED BY DISPATCHER DESK ONLY
- ANY 0 CONTROLLER IS IN
- 2) SHALL TERMINATE THROUGH NORMAL CLEARANCE
- 3) SHALL GO TO ALL RED, WITH GREEN ON 03 (PRESET TO 10 S)
- 4) SHALL RETURN TO NORMAL
- 04 - ACTIVATED BY VIDEO DETECTION



APPROVED BY:
Sharon Perbit 9/11/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD
 TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 SAN VICENTE BLVD. & PACIFIC DESIGN CTR.
 DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 SHT. 33 OF 38 SHTS.
 PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY

POLE SCHEDULE ■										
NO.	POLE DATA		LUMINAIRE		SIGNAL		PPB		STREET NAME SIGN	
	TYPE	SIGNAL M.A.	M.A.	KMV	VEH.	PED.	PHASE	LOC.	TYPE	LEGEND
(A)	17-M	18'	12'HR	200W	TV-2-T	SP-1-3	-	-	1,1	←NORTON
(B)	1A				TV-1-T	SP-1-5	4	S		
(C)	17-M	18'	12'HR	200W	SV-1-T	SP-2-S	4	N	1,1	NORTON →
(D)	1A									

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.

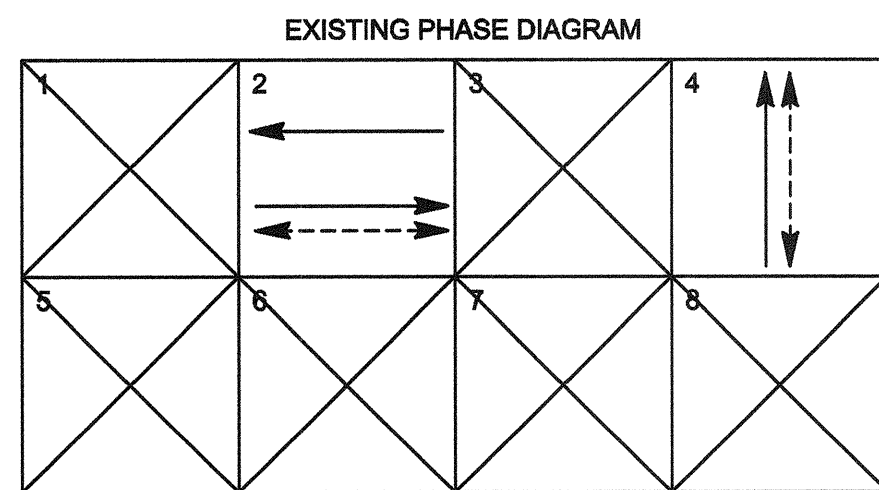
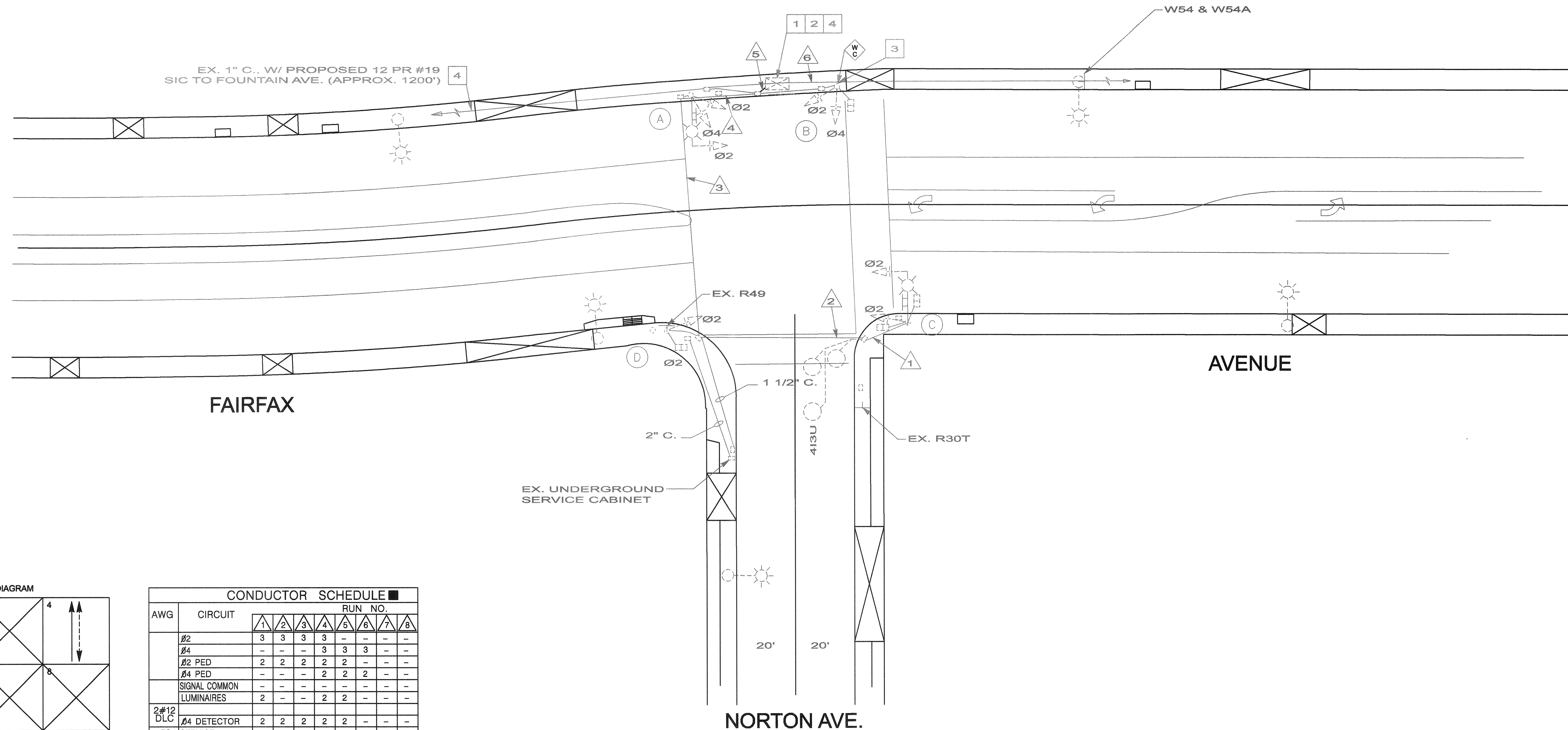
GENERAL NOTES

1. TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
2. ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
3. ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
4. ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
5. ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
7. CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
8. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
9. OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

1. SALVAGE EXISTING 170 CONTROLLER. INSTALL NEW 2070E CONTROLLER AND 2010E CLIP CONFLICT MONITOR PER OPERATION AS SHOWN.
2. INSTALL AND CONFIGURE LAYER II SWITCH
3. INSTALL ENCOM 5.8G COMMPAKB58INT WIRELESS INTERCONNECT SYSTEM OR EQUIVALENT. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FIVE (5) DAYS PRIOR TO ANTENNA INSTALLATION FOR EXACT MOUNTING LOCATION.
4. REMOVE EXISTING 6PR # 19 SIC AND INSTALL 12PR # 19 SIC AT CONTROLLER TO CONTROLLER AT FOUNTAIN AVE. (APPROX. 1200')

SCALE: 1" = 20'



CONDUCTOR SCHEDULE ■									
AWG	CIRCUIT	RUN NO.							
		1	2	3	4	5	6	7	8
Ø2		3	3	3	3	-	-	-	-
Ø4		-	-	-	3	3	3	-	-
Ø2 PED		2	2	2	2	2	-	-	-
Ø4 PED		-	-	-	2	2	2	-	-
SIGNAL COMMON		-	-	-	-	-	-	-	-
LUMINAIRES		2	-	-	2	2	-	-	-
2#12 DLC	Ø4 DETECTOR	2	2	2	2	2	-	-	-
#8	SERVICE	-	-	-	-	-	-	-	-
	WIRELESS SIC	-	-	-	-	-	-	-	-
	12PR #19 SIC	-	-	-	-	1	-	-	-
	CONDUIT SIZE	(1)							
	(E) = EXISTING	E	E	E	E	E	E	E	E

■ ALL CONDUCTORS ARE EXISTING
THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.



APPROVED BY:
Sharon Perlestein 9/11/13
CITY ENGINEER
CITY OF WEST HOLLYWOOD

BENCH MARK:
NO. _____ ELEV. _____
DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD
TRANSIT PRIORITY SYSTEM PHASE I
TRAFFIC SIGNAL COMMUNICATION PROJECT
for
FAIRFAX AVE. & NORTON AVE.

DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____

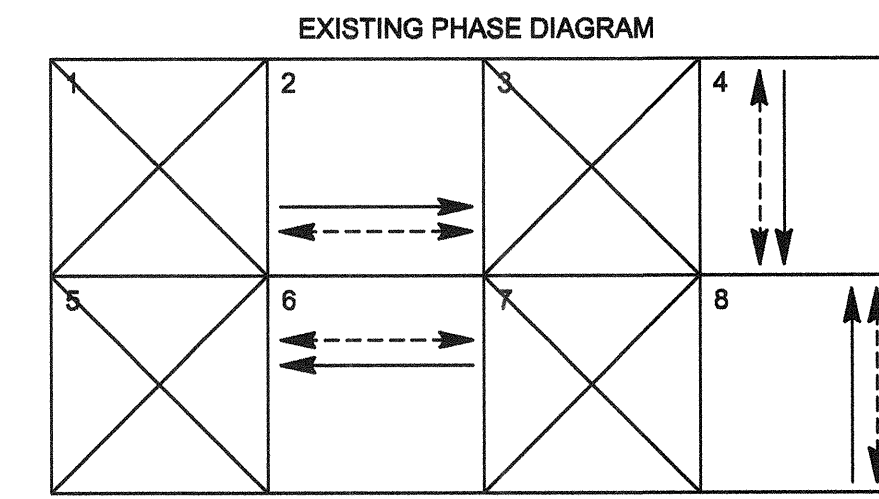
SHT. 34 OF 38 SHTS.

PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY

GENERAL NOTES

1. TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
2. ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
3. ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
4. ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
5. ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
7. CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
8. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
9. OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.



SCALE: 1" = 20'

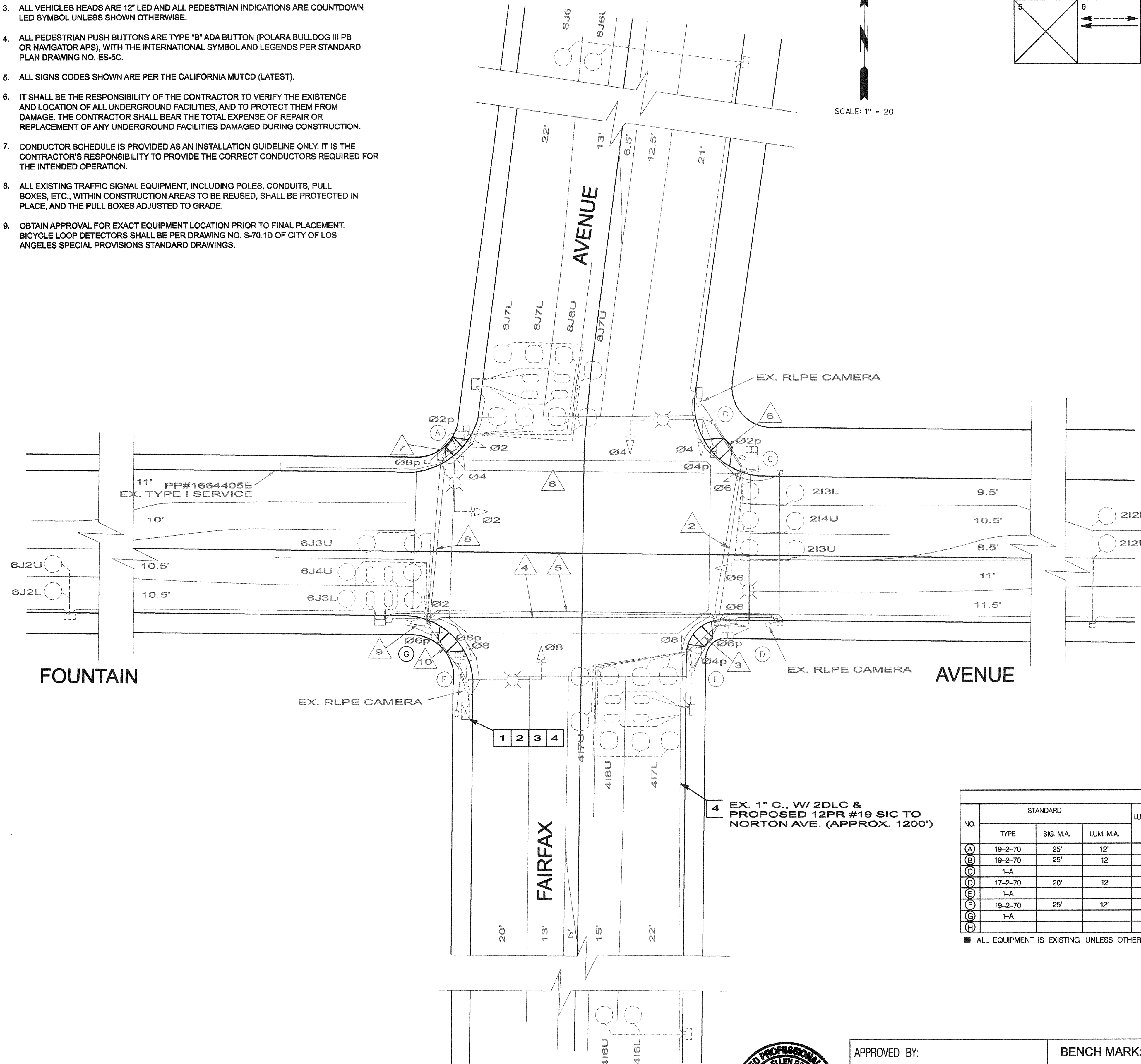
CONDUCTOR SCHEDULE										
AWG	CIRCUIT	1	2	3	4	5	6	7	8	9
	28 CONDUCTOR CABLE	1	2	-	2	-	2	-	2	-
#6	SERVICE	-	-	-	-	-	-	-	2	-
#10	LUMINAIRE	2	2	-	2	-	2	-	2	-
DLC	Ø2 LOOP DETECTOR	-	-	-	-	1	2	-	1	-
	Ø4 LOOP DETECTOR	-	-	3	3	-	-	-	-	3
	Ø6 LOOP DETECTOR	-	-	-	-	-	-	-	-	3
	Ø8 LOOP DETECTOR	1	-	-	-	-	1	2	3	-
	6PR #19 INTERCONNECT CABLE	-	-	-	-	1	-	-	-	1
	12PR #19 INTERCONNECT CABLE	-	-	-	-	1	-	-	-	1
	CONDUIT SIZE	3"	3"	2"	3"	2"	3"	2"	3"	2-3"
	E=EXISTING	E	E	E	E	E	E	E	E	E

■ ALL CONDUCTORS ARE EXISTING

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

CONSTRUCTION NOTES

- 1 SALVAGE EXISTING 170 CONTROLLER. INSTALL NEW 2070E CONTROLLER AND 2010E CLIP CONFLICT MONITOR PER OPERATION AS SHOWN.
- 2 INSTALL BATTERY BACKUP SYSTEM (MYERS MP2000E WITH EXTERIOR BATTERY CABINET)
- 3 INSTALL AND CONFIGURE LAYER II SWITCH
- 4 REMOVE 6PR # 19 SIC AND INSTALL 12PR # 19 SIC AT CONTROLLER TO CONTROL AT NORTON AVE. (APPROX. 1200')



POLE SCHEDULE													
NO.	STANDARD			LUMINAIRE	VEH. SIG. MTG.		PED. SIGNAL	PPB	SIGN PANEL	POLE LOCATION			REMARKS
	TYPE	SIG. M.A.	LUM. M.A.		MAST ARM	POLE				MTG.	β	ARROW	
(A)	19-2-70	25'	12'	200W	MAS	SV-2-T	SP-2-T	8/2		Fairfax Ave			EXISTING
(B)	19-2-70	25'	12'	200W	MAS	SV-1-T	SP-1-T	2		Fountain Ave			EXISTING
(C)	1-A					TV-1-T	SP-1-T	4					EXISTING
(D)	17-2-70	20'	12'	200W	MAS	SV-1-T	SP-1-T	4		Fairfax Ave			EXISTING
(E)	1-A					TV-1-T	SP-1-T	6					EXISTING
(F)	19-2-70	25'	12'	200W	MAS	SV-1-T	SP-1-T	6		Fountain Ave			EXISTING
(G)	1-A					TV-1-T	SP-1-T	8					EXISTING

■ ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.



APPROVED BY:
Shawn Perlati 9/11/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS		
NO.	DESCRIPTION	APP. DATE

CITY OF WEST HOLLYWOOD

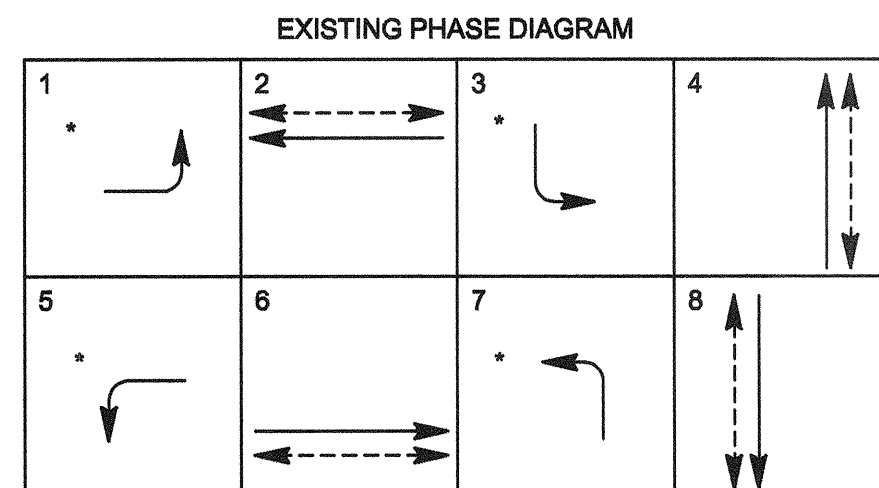
TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 FAIRFAX AVE. & FOUNTAIN AVE.

DRAWN BY:
 DESIGNED BY:
 CHECKED BY:

SHT.35 OF 38 SHTS.

PLAN NO. _____

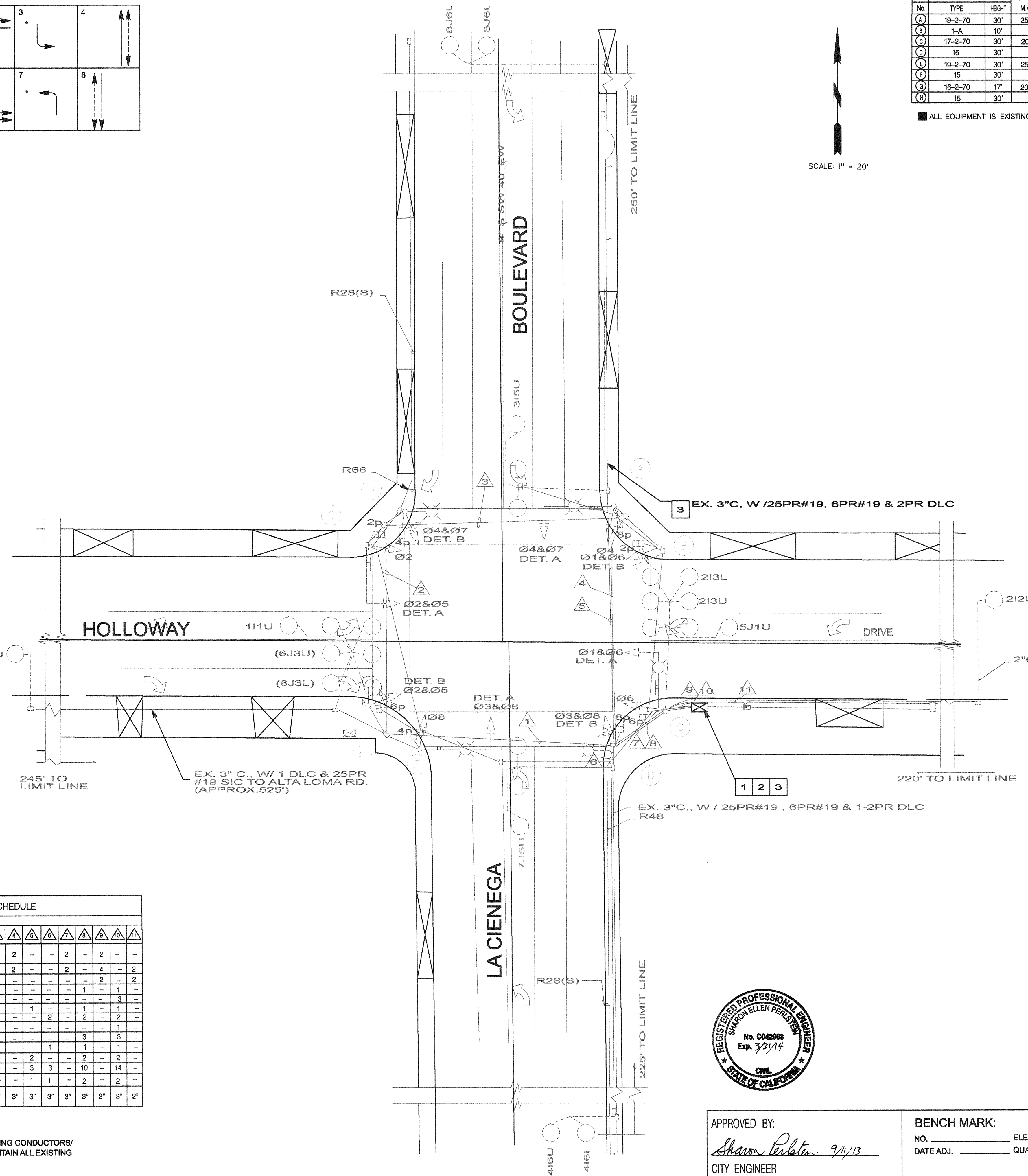
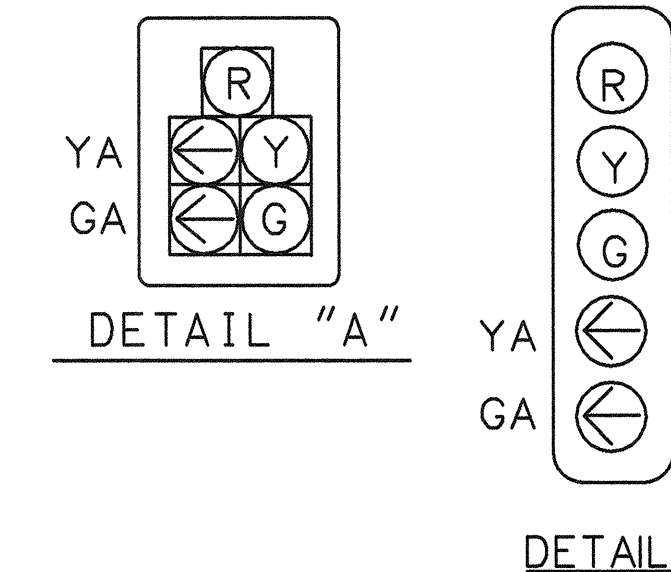
THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



* PROTECTIVE/PERMISSIVE

POLE SCHEDULE																				
No.	POLE DATA			SIGNAL			LUMINAIRE			SIGNAL MOUNTING			PED PUSH BTN		STREET NAME SIGN (NON-ILL)		POLE LOCATION			REMARK
	TYPE	HEIGHT		M.A.	M.A.	HPS	M.A.	VEH.	PED.	PHASE	LOC.	TYPE	FRONT	BACK	A	B	C			
(A)	19-2-70	30'	25'	12'	200W	MAS-5A	SV-1-T	SP-1-T	# 2	S	B.1	Holloway Dr	Holloway Dr							
(B)	1-A	10'					TV-1-T	SP-1-T	# 8	W										
(C)	17-2-70	30'	20'	12'	200W	MAS-5A	SV-1-T	SP-1-T	# 8	W	B.1	La Cienega Blvd	La Cienega Blvd							
(D)	15	30'		12'	200W		TV-1-T	SP-1-T	# 6	N										
(E)	19-2-70	30'	25'	12'	200W	MAS-5A	SV-1-T	SP-1-T	# 6	N	B.1	Holloway Dr	Holloway Dr							
(F)	15	30'		12'	200W		SV-1-T	SP-1-T	# 4	E										
(G)	16-2-70	17'	20'			MAS-5A	SV-1-T	SP-1-T	# 4	E	B.1	La Cienega Blvd	La Cienega Blvd							
(H)	15	30'		12'	200W		TV-1-T	SP-1-T	# 2	S										

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.



GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
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- ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
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CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION, INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL AND CONFIGURE LAYER II SWITCH
- REMOVE EXISTING 25PR #19 SIC AT CONTROLLER TO CONTROLLER AT FOUNTAIN AVE./LA CIENEGA BLVD. (APPROX. 780')

CONDUCTOR SCHEDULE										
AWG.	CIRCUIT	1	2	3	4	5	6	7	8	9
28	CONDUCTOR CABLE	2	2	2	2	-	2	-	2	-
#10	LUMINAIRE	-	2	2	2	-	2	-	4	-
#8	SIGNAL SERVICE	-	-	-	-	-	-	-	2	-
DLC	#1 DETECTOR LOOP	1	-	-	-	-	-	-	1	-
	#2 DETECTOR LOOP	-	-	-	-	-	-	-	3	-
	#3 DETECTOR LOOP	-	-	-	1	-	-	-	1	-
	#4 DETECTOR LOOP	-	-	-	2	-	-	-	2	-
	#5 DETECTOR LOOP	-	-	-	-	-	-	-	1	-
DLC	#6 DETECTOR LOOP	-	-	-	-	-	-	-	3	-
	#7 DETECTOR LOOP	-	-	-	-	1	-	-	1	-
	#8 DETECTOR LOOP	-	-	-	2	-	-	-	2	-
	#9 DETECTOR LOOP	-	-	-	3	3	-	-	10	-
TOTAL	4	-	-	3	3	-	-	10	-	14
25 PR #19	INTERCONNECT CABLE	-	-	-	1	1	-	2	-	2
CONDUIT SIZE		3"	3"	3"	3"	3"	3"	3"	3"	2"

ALL CONDUCTORS ARE EXISTING

THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/ CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



APPROVED BY:
Shannon Perlestein 9/1/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

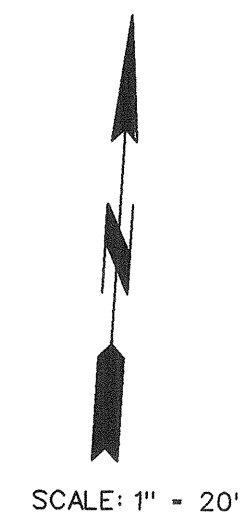
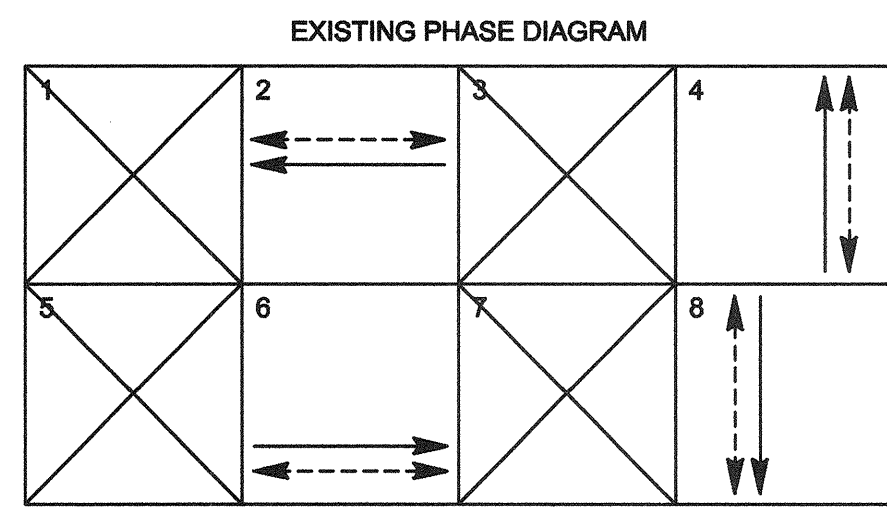
REVISIONS			
NO.	DESCRIPTION	APP.	DATE

CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
HOLLOWAY DR. & LA CIENEGA BLVD.

DRAWN BY: _____
 DESIGNED BY: _____
 CHECKED BY: _____

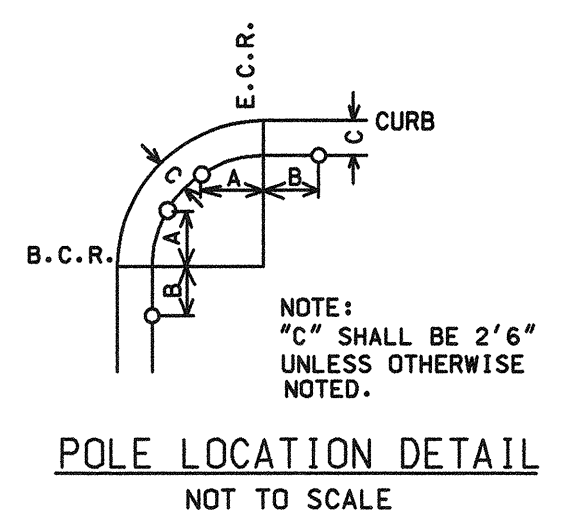
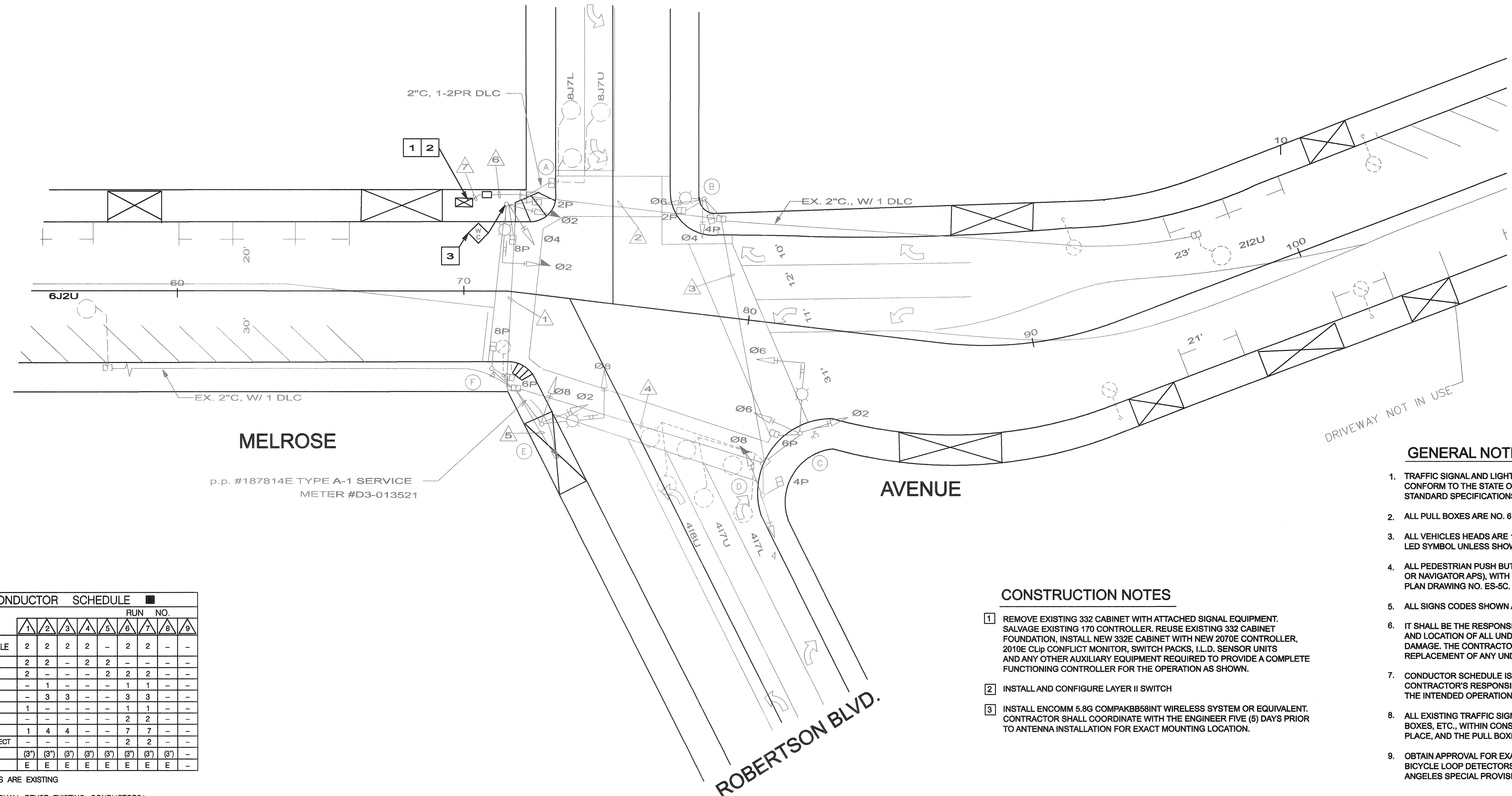
SHT. 36 OF 38 SHTS. PLAN NO. _____



POLE SCHEDULE											ALL EQUIPMENT NEW EXCEPT WHERE NOTED: (R) = RELOCATED								
No.	POLE DATA			SIGNAL		LUMINAIRE		SIGNAL MOUNTING			PPB	STREET NAME SIGN (NON-ILL)			POLE LOCATION			REMARK	
	TYPE	HEIGHT	M.A.	M.A.	HPS	M.A.	VEH.	PED.	PHASE	LOC.		ARROW	TYPE	FRONT	BACK	A	B		C
(A)	15	30'		12'	200W	MAS	SV-2-TA	SP-2-T	-	-		B.1	Robertson Blvd	Robertson Blvd				EXISTING	
(B)	15	30'			200W		SV-2-TA	SP-2-T	Ø4	3	←	B.2	Melrose Ave	Melrose Ave				EXISTING	
(C)	19-2-70	30'	25'	12'	200W	MAS	SV-2-TA	SP-1-T	Ø4	7	←	B.1	Robertson Blvd	Robertson Blvd				EXISTING	
(D)	1-A	10'					TV-2-T	SP-1-T	-	-								EXISTING	
(E)	17-2-70	30'	20'	12'	200W	MAS	SV-2-TA	SP-1-T	-	-		B.1	Melrose Ave	Melrose Ave				EXISTING	
(F)	1-A	7'						TP-2-T	Ø8	3	→							EXISTING	
(G)	PPB POST								Ø8	3	←							EXISTING	

ALL EQUIPMENT IS EXISTING UNLESS OTHERWISE SHOWN.

ROBERTSON BLVD.



MELROSE

p.p. #187814E TYPE A-1 SERVICE METER #D3-013521

AVENUE

ROBERTSON BLVD.

CONDUCTOR SCHEDULE										
AWG	CIRCUIT	RUN NO.								
		1	2	3	4	5	6	7	8	9
28	CONDUCTOR CABLE	2	2	2	2	-	2	2	-	-
#10	LUMINAIRE	2	2	-	2	-	-	-	-	-
#6	SIGNAL	2	-	-	-	2	2	2	-	-
	Ø2	-	1	-	-	-	1	1	-	-
	Ø4	-	3	3	-	-	3	3	-	-
	Ø6	1	-	-	-	-	1	1	-	-
	Ø8	-	-	-	-	-	2	2	-	-
	TOTAL	1	4	4	-	-	7	7	-	-
	WIRELESS INTERCONNECT	-	-	-	-	-	2	2	-	-
	CONDUIT SIZE	(3")	(3")	(3")	(3")	(3")	(3")	(3")	(3")	-
		E	E	E	E	E	E	E	E	-

ALL CONDUCTORS ARE EXISTING
THE CONTRACTOR SHALL REUSE EXISTING CONDUCTORS/CABLES AND TAGS. PROTECT AND MAINTAIN ALL EXISTING CONDUCTORS/CABLES.

GENERAL NOTES

- TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
- ALL PULL BOXES ARE NO. 6 UNLESS OTHERWISE NOTED.
- ALL VEHICLES HEADS ARE 12" LED AND ALL PEDESTRIAN INDICATIONS ARE COUNTDOWN LED SYMBOL UNLESS SHOWN OTHERWISE.
- ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
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- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

- REMOVE EXISTING 332 CABINET WITH ATTACHED SIGNAL EQUIPMENT. SALVAGE EXISTING 170 CONTROLLER. REUSE EXISTING 332 CABINET FOUNDATION. INSTALL NEW 332E CABINET WITH NEW 2070E CONTROLLER, 2010E CLIP CONFLICT MONITOR, SWITCH PACKS, I.L.D. SENSOR UNITS AND ANY OTHER AUXILIARY EQUIPMENT REQUIRED TO PROVIDE A COMPLETE FUNCTIONING CONTROLLER FOR THE OPERATION AS SHOWN.
- INSTALL AND CONFIGURE LAYER II SWITCH
- INSTALL ENCOMM 5.8G COMPAKBB88INT WIRELESS SYSTEM OR EQUIVALENT. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FIVE (5) DAYS PRIOR TO ANTENNA INSTALLATION FOR EXACT MOUNTING LOCATION.



APPROVED BY:
Sharon Perle 7/17/13
CITY ENGINEER
CITY OF WEST HOLLYWOOD

BENCH MARK:
NO. _____ ELEV. _____
DATE ADJ. _____ QUAD. _____

REVISIONS			
NO.	DESCRIPTION	APP.	DATE

CITY OF WEST HOLLYWOOD

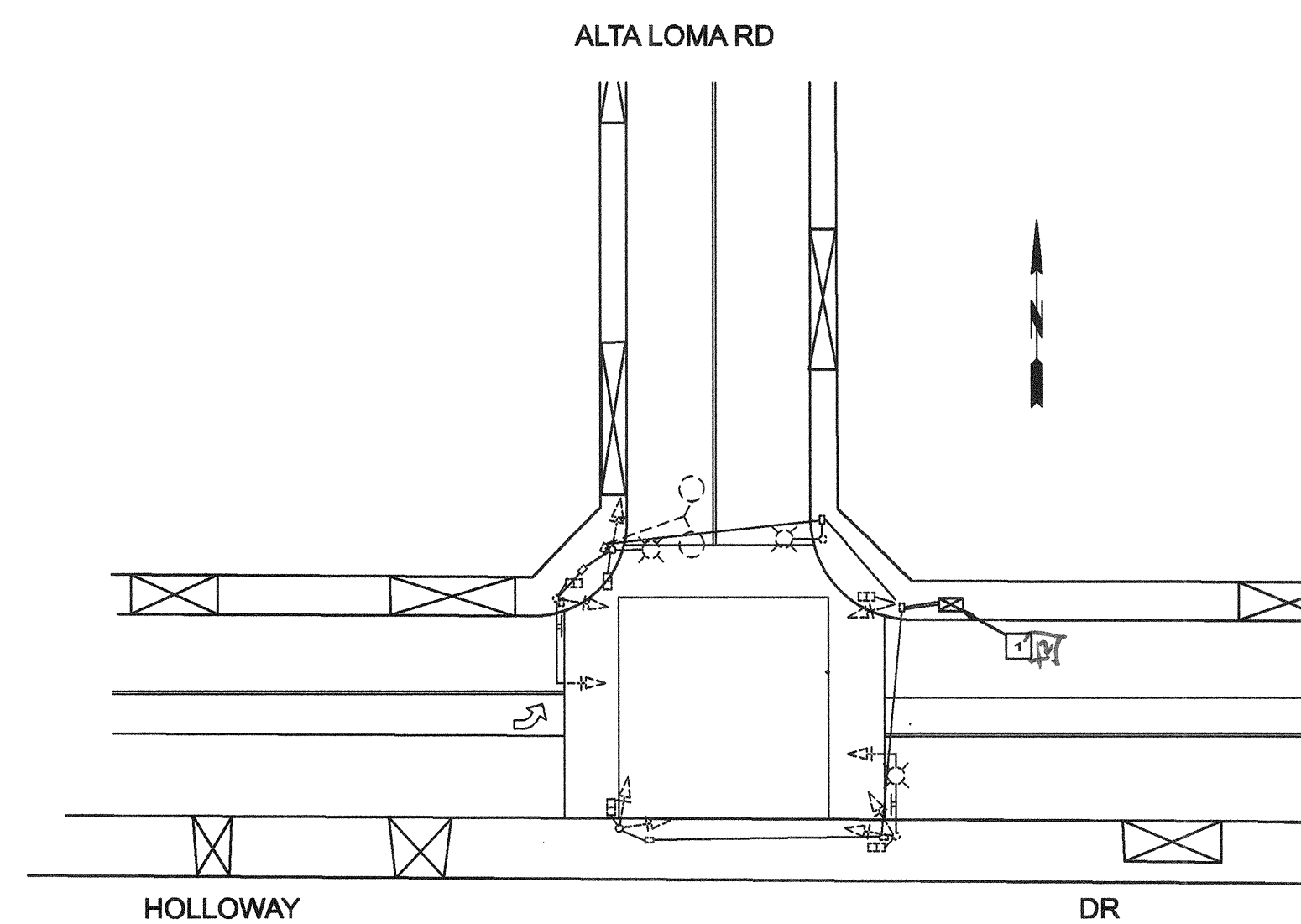
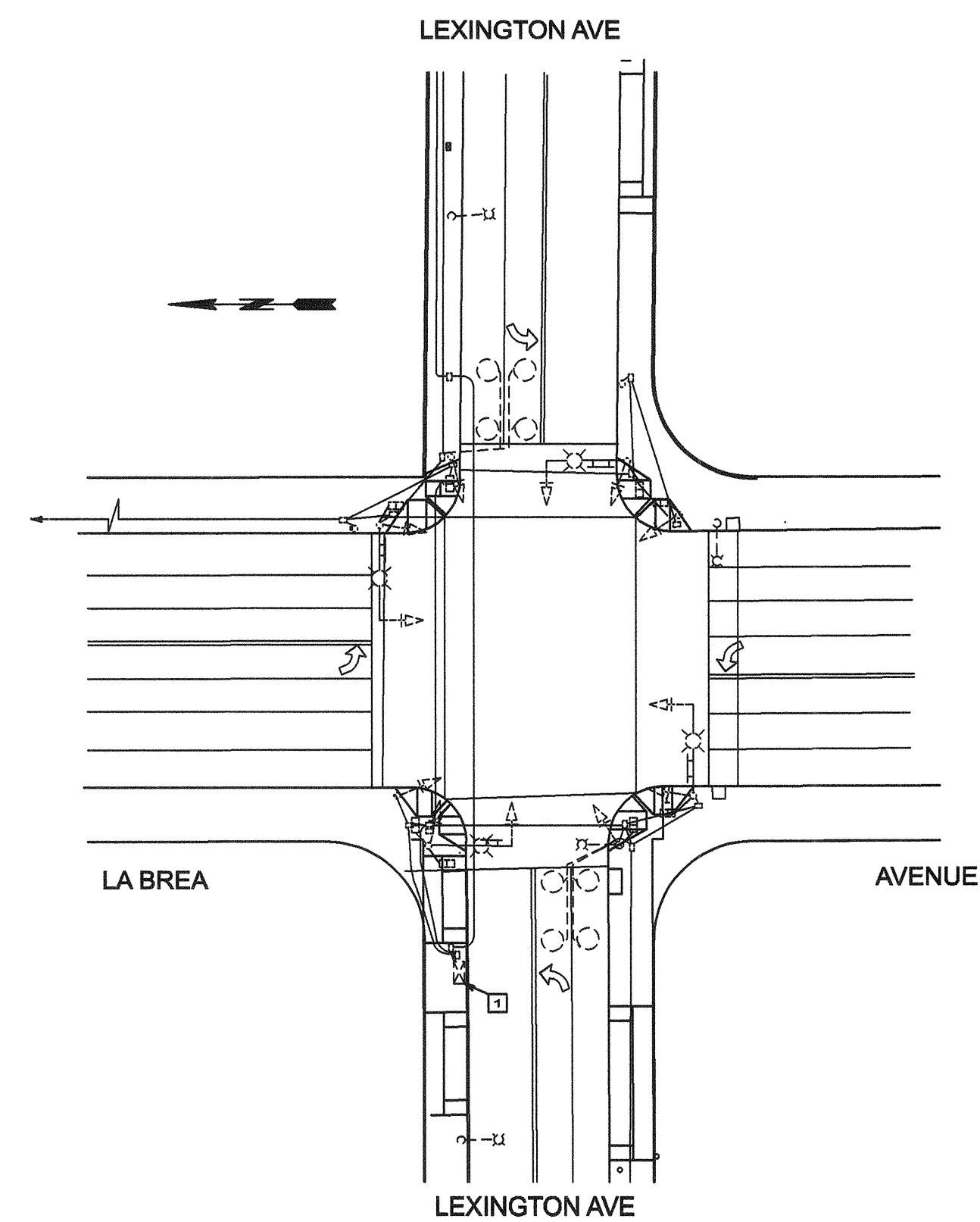
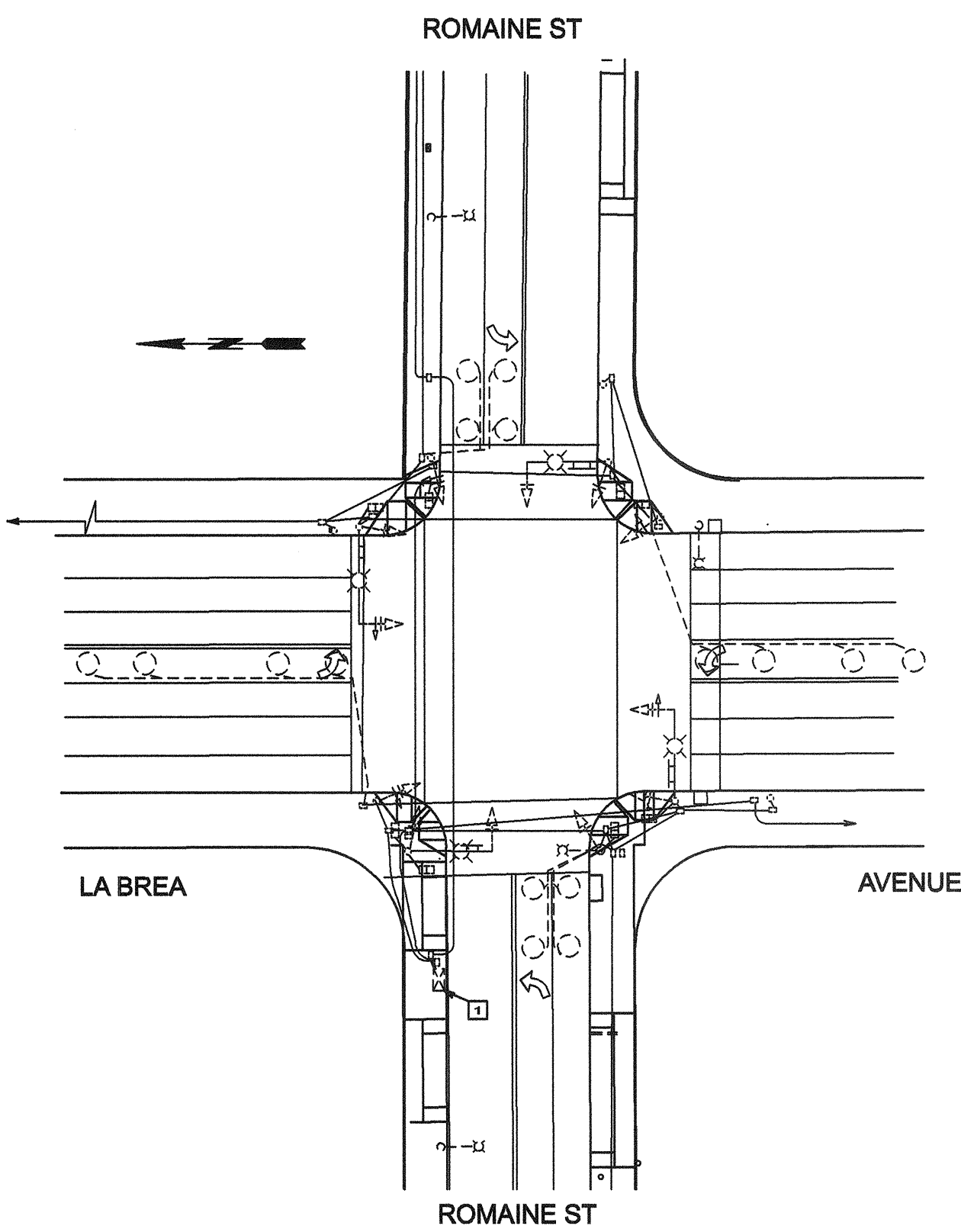
TRANSIT PRIORITY SYSTEM PHASE I
TRAFFIC SIGNAL COMMUNICATION PROJECT
for
ROBERTSON BLVD. & MELROSE AVE.

DRAWN BY:
DESIGNED BY:
CHECKED BY:

SHT. 37 OF 38 SHTS.

PLAN NO. _____

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



SCALE: 1" = 40'

GENERAL NOTES

1. TRAFFIC SIGNAL AND LIGHTING MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, SECTION 86, AND STANDARD PLANS, LATEST EDITION.
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4. ALL PEDESTRIAN PUSH BUTTONS ARE TYPE "B" ADA BUTTON (POLARA BULLDOG III PB OR NAVIGATOR APS), WITH THE INTERNATIONAL SYMBOL AND LEGENDS PER STANDARD PLAN DRAWING NO. ES-5C.
5. ALL SIGNS CODES SHOWN ARE PER THE CALIFORNIA MUTCD (LATEST).
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND FACILITIES, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR THE TOTAL EXPENSE OF REPAIR OR REPLACEMENT OF ANY UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION.
7. CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDELINE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS REQUIRED FOR THE INTENDED OPERATION.
8. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, INCLUDING POLES, CONDUITS, PULL BOXES, ETC., WITHIN CONSTRUCTION AREAS TO BE REUSED, SHALL BE PROTECTED IN PLACE, AND THE PULL BOXES ADJUSTED TO GRADE.
9. OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT. BICYCLE LOOP DETECTORS SHALL BE PER DRAWING NO. S-70.1D OF CITY OF LOS ANGELES SPECIAL PROVISIONS STANDARD DRAWINGS.

CONSTRUCTION NOTES

1. INSTALL AND CONFIGURE LAYER II SWITCH
2. INSTALL SIGNAL TO ETHERNET COMMUNICATION

THIS PLAN IS ACCURATE FOR PROPOSED WORK ONLY



APPROVED BY:
Sharon Perle 7/1/13
 CITY ENGINEER
 CITY OF WEST HOLLYWOOD

BENCH MARK:
 NO. _____ ELEV. _____
 DATE ADJ. _____ QUAD. _____

REVISIONS			
NO.	DESCRIPTION	APP.	DATE

CITY OF WEST HOLLYWOOD

TRANSIT PRIORITY SYSTEM PHASE I
 TRAFFIC SIGNAL COMMUNICATION PROJECT
 for
 LA BREA AVE./ROMAINE AVE., LA BREA AVE./LEXINGTON
 AVE. & HOLLOWAY DR./ALTA LOMA RD.

DRAWN BY:	SHT. 38 OF 38 SHTS.	PLAN NO. _____
DESIGNED BY:		
CHECKED BY:		