

CONDUIT & WIRE SCHEDULE

WIRE & CABLE	FROM	TO	CONDUIT SIZE																						
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
(3) #3/0, (1) #4 GROUND	SERVICE POINT	SERVICE PEDESTAL	●																						
(4) #4, (1) #8 GROUND	SERVICE PEDESTAL	CONTROLLER		●																					
25 CONDUCTOR #14	CONTROLLER	POLE A			●																				
25 CONDUCTOR #14	CONTROLLER	POLE B				●																			
25 CONDUCTOR #14	CONTROLLER	POLE C					●																		
25 CONDUCTOR #14	CONTROLLER	POLE D						●																	
(2) #10 THW, (1) #8 GROUND	CONTROLLER	LUMINAIRE A							●																
(2) #10 THW, (1) #8 GROUND	CONTROLLER	LUMINAIRE B								●															
(2) #10 THW, (1) #8 GROUND	CONTROLLER	LUMINAIRE C									●														
(2) #10 THW, (1) #8 GROUND	CONTROLLER	LUMINAIRE D										●													
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	LT. TURN POCKET DETECTION LOOPS 1A & 1B																							
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	ADVANCE DETECTION LOOPS 2A																							
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	DETECTION LOOPS 2B & 2C																							
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	DETECTION LOOPS 4C, 4D & 4E																							
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	LT. TURN POCKET DETECTION LOOPS 5A & 5B																							
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	ADVANCE DETECTION LOOP 6A																							
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	DETECTION LOOP 6B																							
6 PAIR #18 MULTI CONDUCTOR LOOP LEAD-IN CABLES	CONTROLLER	DETECTION LOOPS 8C, 8D & 8E																							
M138 OPTICOM CABLE	CONTROLLER	OPTICOM DETECTOR, POLE A																							
M138 OPTICOM CABLE	CONTROLLER	OPTICOM DETECTOR, POLE B																							
COMMUNICATIONS DISTRIBUTION CABLE ASSEMBLY (CDCA)	CONTROLLER	TYPE 200 SPLICE VAULT																							
72 STRAND FIBER OPTIC & 6 PAIR PE39 #22 AWG TRACER	CONTROLLER	FORT APACHE ROAD / SKY POINT DRIVE																							
6 PAIR PE39 #22 AWG TRACER	CONTROLLER	RACEL / EL CAPITAN (FUTURE FIBER EXTENSION)																							

● INDICATES NEW CONDUIT RUN
○ INDICATES EXISTING CONDUIT RUN
● INDICATES EXISTING CONDUIT RUN WITH NEW WIRE

STREET NAME & BLOCK NUMBER SIGN SCHEDULE

POLE	INTERNALLY ILLUMINATED STREET NAME SIGN	BLOCK NUMBER	STREET SUFFIX	CARDINAL DIRECTION	REMARKS
(A)	SKY POINTE	SEE NOTE 1	DR	N	MOUNT SIGN PANEL TO FACE EAST SEE SIGN DETAIL #1
(A)	SKY POINTE	SEE NOTE 1	DR	N	MOUNT SIGN PANEL TO FACE WEST SEE SIGN DETAIL #2
(B)	HORSE	SEE NOTE 1	DR	W	MOUNT SIGN PANEL TO FACE SOUTH SEE SIGN DETAIL #3
(B)	HORSE	SEE NOTE 1	DR	W	MOUNT SIGN PANEL TO FACE NORTH SEE SIGN DETAIL #4
(C)	RACEL	SEE NOTE 1	ST	N	MOUNT SIGN PANEL TO FACE WEST SEE SIGN DETAIL #5
(C)	RACEL	SEE NOTE 1	ST	N	MOUNT SIGN PANEL TO FACE EAST SEE SIGN DETAIL #6
(D)	SKY POINTE	SEE NOTE 1	DR	N	MOUNT SIGN PANEL TO FACE NORTH SEE SIGN DETAIL #1
(D)	SKY POINTE	SEE NOTE 1	DR	N	MOUNT SIGN PANEL TO FACE SOUTH SEE SIGN DETAIL #2

- ### STREET NAME SIGN NOTES
- CONTRACTOR TO CONTACT CITY OF LAS VEGAS PLANNER GREG KAPOVICH AT 229-6137 TO VERIFY SIGN, DIRECTION & BLOCK NUMBERS PRIOR TO SIGN MANUFACTURING.
 - STREET NAME LETTERS SHALL BE 8" SERIES "D". SPACING BETWEEN LETTERS MAY BE INCREASED BY UP TO 25% (MAX) TO ACHIEVE 4" END SPACING.
 - STREET SUFFIX, CARDINAL DIRECTION & BLOCK NUMBER LETTERS SHALL BE 5" SERIES "C" SPACING BETWEEN LETTERS MAY BE INCREASED BY UP TO 25% (MAX) TO ACHIEVE 4" END SPACING.

6-PAIR LOOP LEAD-IN CABLE ASSIGNMENTS

PAIR No.	COLOR	PHASE LETTER DESIGNATION
1	BLACK & RED	A
2	BLACK & WHITE	B
3	BLACK & GREEN	C
4	BLACK & BLUE	D
5	BLACK & YELLOW	E
6	BLACK & BROWN	F

LOOP DETECTOR SCHEDULE 12 CHANNEL LOOP DETECTOR RACK "A" ASSIGNMENTS

MOVEMENT	LOOP NUMBER	DETECTOR CHANNEL	LOOP OPERATION
WESTBOUND THRU	8C	1	"PRESENCE/COUNT" LOOP
	8D	2	"PRESENCE/COUNT" LOOP
	8E	3	"PRESENCE" LOOP
EASTBOUND THRU	4C	4	"PRESENCE/COUNT" LOOP
	4D	5	"PRESENCE/COUNT" LOOP
	4E	6	"PRESENCE" LOOP
NORTHBOUND THRU	6A	7	"PRESENCE" LOOP FOR EXTENSION
	6B	8	"COUNT/CALL" LOOP
NORTHBOUND LEFT	1A	9	"PRESENCE/COUNT" LOOP
NORTHBOUND LEFT	1B	10	"PRESENCE" LOOP

LOOP DETECTOR SCHEDULE 12 CHANNEL LOOP DETECTOR RACK "B" ASSIGNMENTS

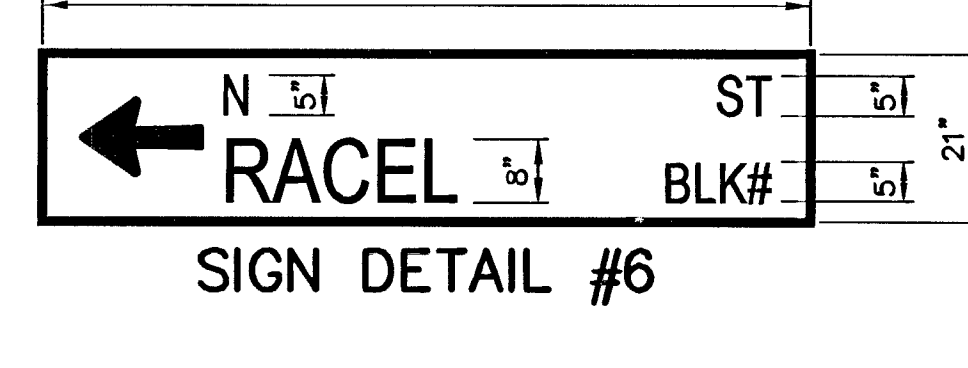
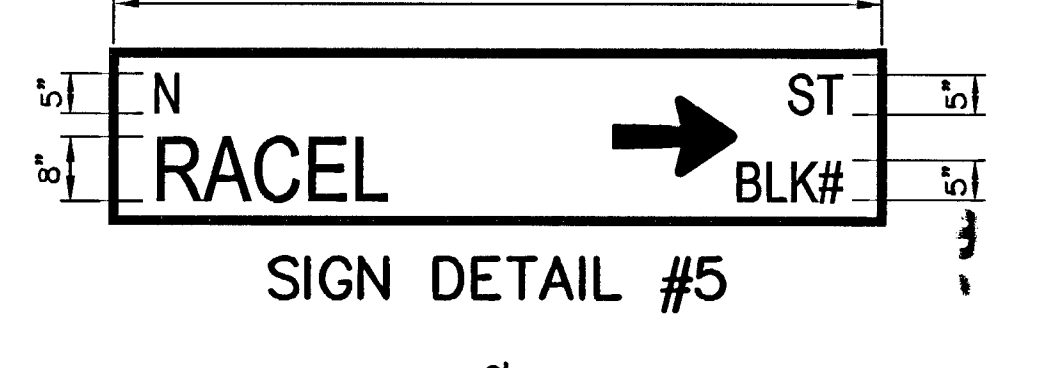
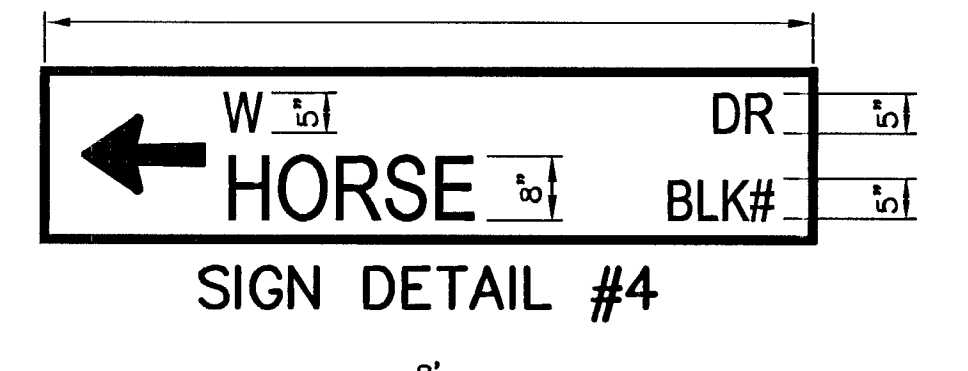
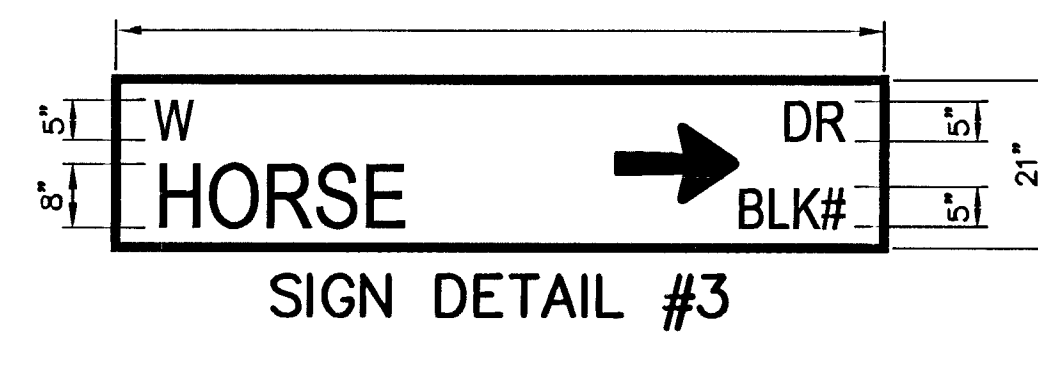
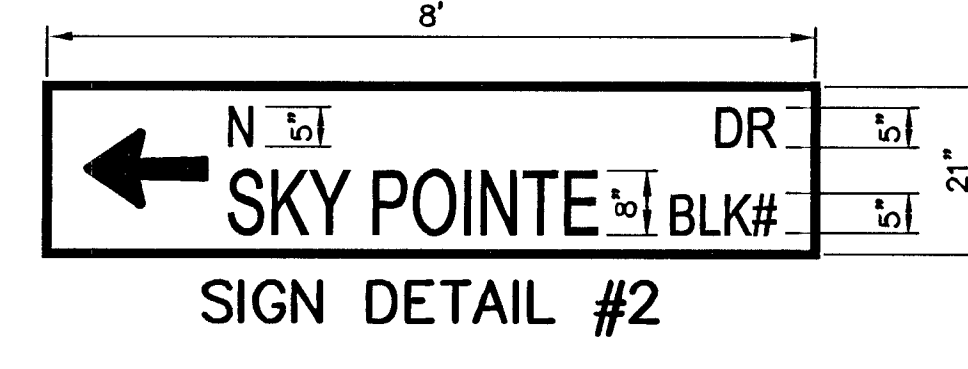
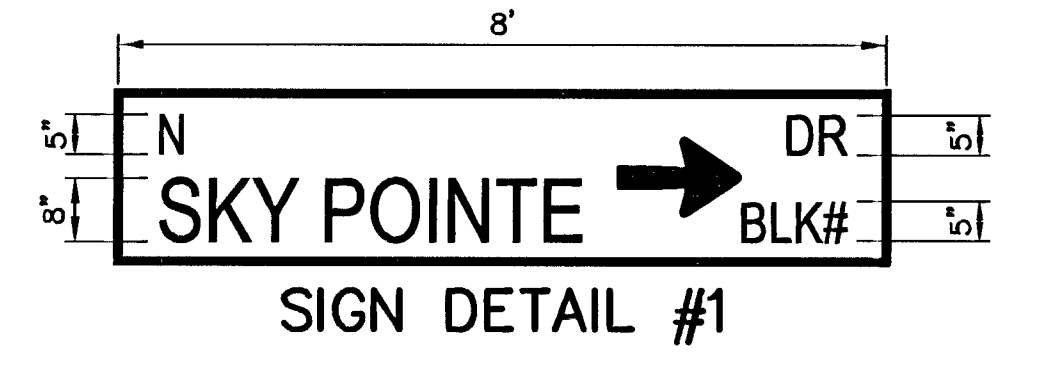
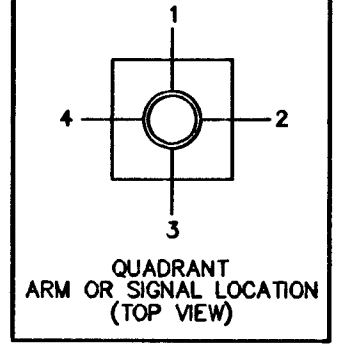
MOVEMENT	LOOP NUMBER	DETECTOR CHANNEL	LOOP OPERATION
SOUTHBOUND THRU	2A	1	"PRESENCE" LOOP FOR EXTENSION
SOUTHBOUND RIGHT	2C	2	"COUNT/CALL" LOOP
SOUTHBOUND LEFT	2B	3	"COUNT/CALL" LOOP WITH DELAY
SOUTHBOUND LEFT	5A	4	"PRESENCE/COUNT" LOOP
SOUTHBOUND LEFT	5B	5	"PRESENCE" LOOP

POLE SCHEDULE

POLE	LOCATION STATION	TYPE	SIGNAL ARM		LUMINAIRE ARM		SIGNALS VEHICLE		SIGNALS PEDESTRIAN		PED. PUSH BUTTON		REMARKS
			QUAD.	LENGTH	QUAD.	LENGTH	TYPE	QUAD.	TYPE	QUAD.	SIGN ARROW		
(A)	92+27.00 41.00' LT.	XX-A 30	3	35'	3	15'	(2)M-2 (1)B-2T	MAST ARM 1	W-3T	1	2 LT. 3 RT.		
(B)	92+53.7± 45.6± RT.	XX 30	4	40'	4	15'	(3)M-2 (1)B-2T	MAST ARM 2	W-3T	2	3 LT. 4 RT.	REMOVE EXISTING STREET LIGHT & BASE PLATE ADAPTER #1 SHALL BE ALL ARROW INDICATIONS	
(C)	91+64.2± 39.0± RT.	XX 30	1	40'	1	15'	(2)M-2 (1)B-14T	MAST ARM 3	W-3T	3	1 RT. 4 LT.	REMOVE EXISTING STREET LIGHT & BASE PLATE ADAPTER B-14T SHALL USE SPECIAL PROTECTED/PERMISSIVE WITH PROTECTED TIME OF DAY DISPLAY. SEE B-14T SIGNAL HEAD DETAIL ON SHEET T8.	
(D)	91+60.1± 38.7± LT.	EX. XX	2	45'	2	EX. 15'	(1)M-5 (2)M-2 (1)B-2T	MAST ARM MAST ARM 4	W-3T	4	1 LT. 2 RT.	M-5 SHALL USE SPECIAL PROTECTED/PERMISSIVE WITH PROTECTED TIME OF DAY DISPLAY. SEE M-5 SIGNAL HEAD DETAIL ON SHEET T8.	

POLE NOTES

- ALL POLE LOCATIONS ARE BASED FRE-2 CENTERLINE STATIONING.
- POLE A SHALL HAVE A TYPE "L" FOUNDATION PER STD. DWG. NO. 404.209.
- POLES B, C & D SHALL BE INSTALLED ON EXISTING FOUNDATIONS.
- R3-4 SIGN SHALL BE 30"x30".
- R10-21 SIGN SHALL BE 30"x36".



PUBLIC WORKS DEPARTMENT
CITY OF LAS VEGAS, NV
400 E. STEWART AVE.
LAS VEGAS, NV 89101
702-223-9272

TRAFFIC SIGNAL SCHEDULES
SKY POINTE DRIVE & RACEL STREET
HORSE DRIVE / US 95 INTERCHANGE

DRAWN BY: [Signature]
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
PROJECT NO.: 10773759
SCALE: N/A

ELECTRICAL ONLY
THOMAS M. ANDERSON
REGISTERED ELECTRICAL ENGINEER
NO. 13948 NV

ROBERT C. HOSEA III
REGISTERED PROFESSIONAL ENGINEER
NO. 10112 NV
SHEET T9
OF 453 SHEETS
DRAWING NO. 10773759

114501