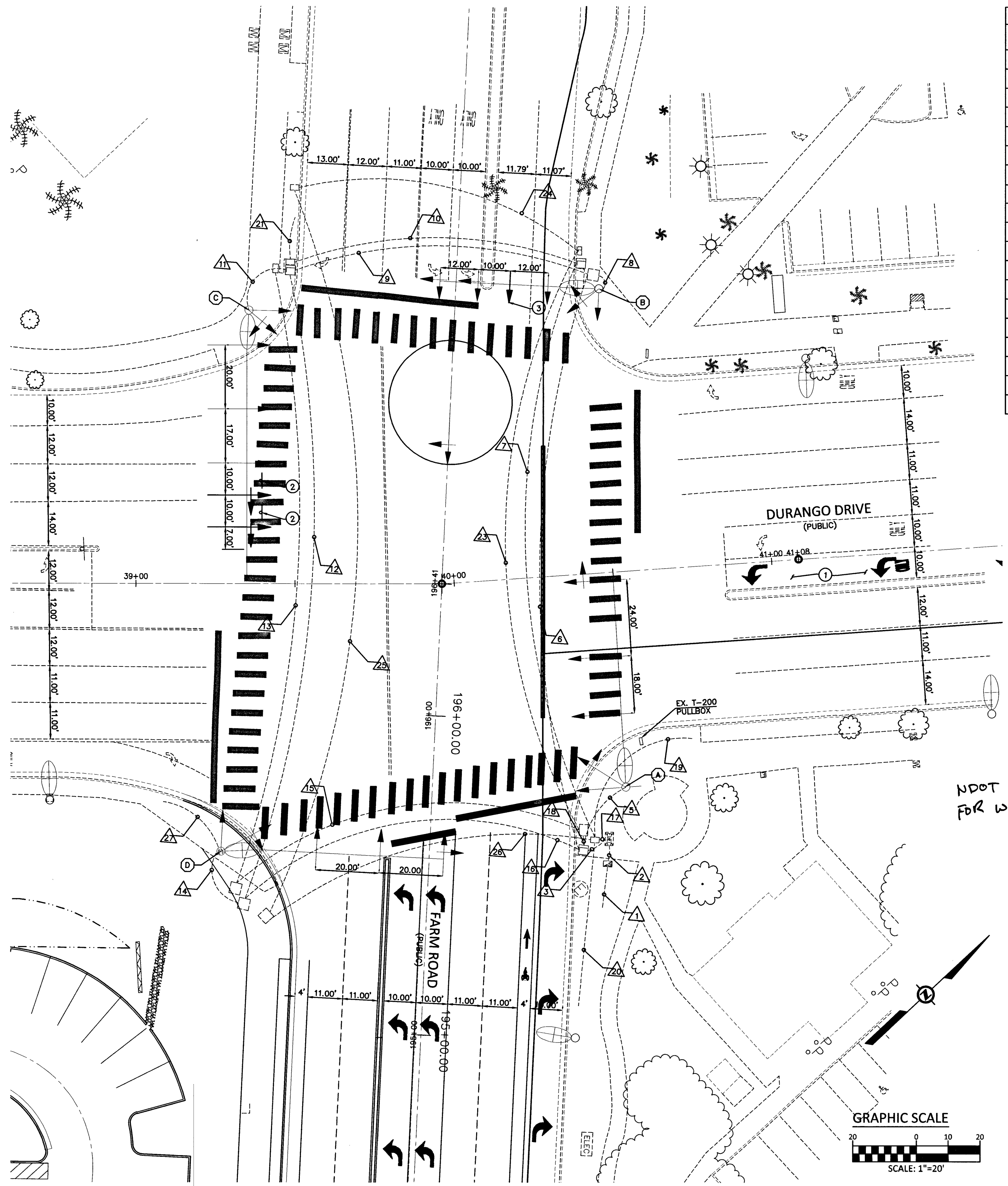
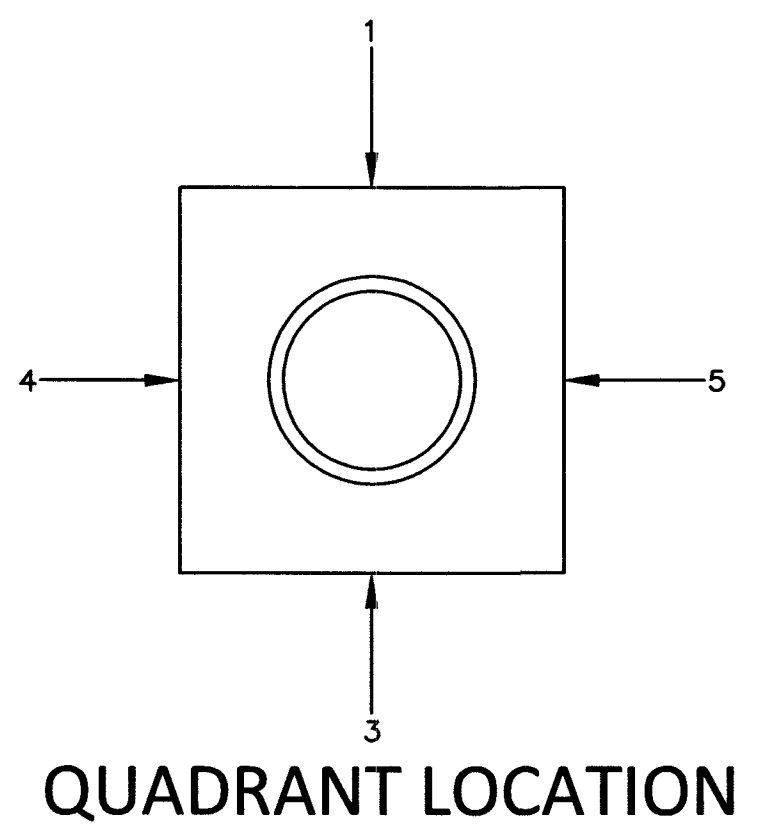
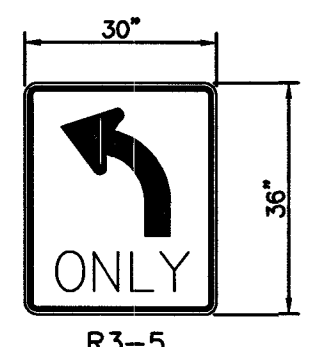




CONDUIT AND WIRE SCHEDULE																											
WIRE AND CABLE	FROM	TO	VIA CONDUIT																								
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
2#6, 2#10, 1#4 THW - EXIST.	METER PEDESTAL	CONTROLLER	X																								
25 COND, 2#10, 1#8 - EXIST.	CONTROLLER	POLE A		X			X																				
25 COND, 2#10, 1#8 - EXIST.	CONTROLLER	POLE B			X			X		X																	
25 COND, 2#10, 1#8 - EXIST.	CONTROLLER	POLE C				X					X	X						X									
25 COND, 2#10, 1#8 - EXIST.	CONTROLLER	POLE D					X						X					X	X								
DET. CAMERA POWER, VIDEO	CONTROLLER	POLE A			X		X																				
DET. CAMERA POWER, VIDEO	CONTROLLER	POLE B				X		X		X																	
DET. CAMERA POWER, VIDEO	CONTROLLER	POLE B				X			X		X																
DET. CAMERA POWER, VIDEO	CONTROLLER	POLE C					X					X	X														
DET. CAMERA POWER, VIDEO	CONTROLLER	POLE C					X						X	X													
DET. CAMERA POWER, VIDEO	CONTROLLER	POLE D						X							X			X	X								
DET. CAMERA POWER, VIDEO	CONTROLLER	POLE D						X								X				X							
OPTICOM CABLE	CONTROLLER	POLE A			X		X																				
OPTICOM CABLE	CONTROLLER	POLE C				X							X	X						X							
15 COND.	CONTROLLER	POLE E						X						X					X					X			
15 COND.	CONTROLLER	POLE F						X																	X		
			EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.	EX.
		CONDUIT SIZE	2"	2"	3"	2"	3"	(2) 3"	2"	3"	(2) 3"	2"	3"	(2) 3"	2"	2"	2"	(2) 3"	3"	2"	3"	3"	2"	2"	(2) 3"	(2) 3"	(2) 3"

	POLE SCHEDULE ((E)-EXISTING)												
	POLE						SIGNALS (VEH.)		SIGNALS (PED.)		PED. PUSH BUTTONS		REMARKS
POLE	LOCATION STATION	TYPE	SIGNAL ARM		LUMINAIRE ARM		TYPE	QUAD	TYPE	QUAD	QUAD	ARROW	
			QUAD	LENGTH	QUAD	LENGTH							
A	DURANGO 10+32.85 65.78 RT	XX-B	1	65'	1	15'	(1) M-2 (2) M-2 B-2T	MA MA 1,4	W-3T	2,3	1 4	RT LT	SIGN R3-8 AND R3-4 ON MAST ARM
B	FARM 9+13.37 49.28 LT	XX-A	4	50'	4	15'	(2) M-2 (2) M-2 B-2T	MA MA 4,3	W-3T	1,2	3 4	LT RT	SIGNS R3-5 AND R3-5a ON MAST ARM
C	DURANGO 9+27.57 49.28 LT	XX-B	5	75'	3	15'	(2) M-2 (3) M-2 B-2T	MA MA 3,2					SIGN R3-5 ON MAST ARM
D	FARM 10+87.27 65.38 LT	XX-B	2	70'	2	15'	(2) M-2	MA	W-3T	3,4	1 2	LT RT	SIGN R3-8 AND R3-4 ON MAST ARM
E	DURANGO 9+57.19	IA					A-1	1	W-3T	1,4	2 3	LT RT	
F	FARM 10+81.00 52.00 LT	IA					A-1	3	W-3T				

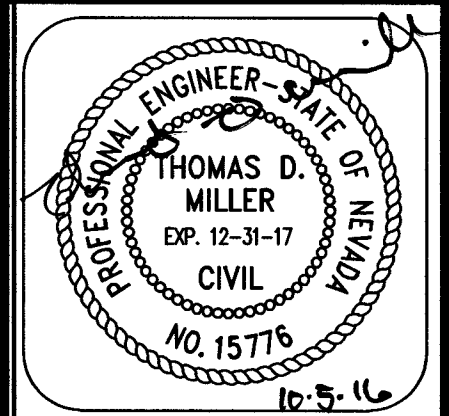
NDOT PERMIT REQUIRED FOR WORK IN NDOT R/W.



SERVICE PANEL SP-1,* 1 PH, 3 WIRE, 120/240 VOLTS 200 AMP MAIN CB MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: JO 17+85 NEMA 3R									
L=LIGHTS, R=RECEPTACLES, M=MECHANICAL EQUIPMENT, SO = SPACE ONLY, SC=SPARE CIRCUIT, E=EXISTING, G= GFI BREAKER MLO=MAIN LUGS ONLY, MC8=MAIN CIRCUIT BREAKER, N=NEW									
POLE SPACE		CIRCUIT USE	CKT BKR RATING	CONNECTED LOAD VA		CKT BKR RATING	CIRCUIT USE	POLE SPACE	
CKT				A	B				CKT
#	#	MAIN					MAIN	#	#
	1	MAIN						2	
	3	L -E-STREET LIGHTS	60/2				MAIN	4	
	5	SO		200		15/1	E -CONTACTOR CONTROL	6	2
	7	SO			930	60/1	F -N-SIGNAL CONTROLLER	8	4
	9	SO		2800		40/1	L -N-INTERSECTION LIGHTS	10	6
	11						SO	12	
	13							14	
	15							16	
				3000	3730				
				8730					
CONTACTOR SCHEDULE									
CONTACTOR #		RATING	No. POLES		CKT #'S				
CI-E		60	4		10				
* EXISTING SERVICE PEDESTAL									

CONSTRUCTION NOTES		
NO.	ITEM	USDOCA: UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
1	REMOVE HATCH AREA AND ADD A NEW LEFT TURN LANE PER DWG No. 246	
2	INSTALL NEW LEFT TURN R3-5 SIGN PER DWG No. 818.2	
3	INSTALL THRU LANE R3-5a SIGN PER DWG No. 818.2	

COLLINS ENGINEERS
3130 S. DURANGO DR., SUITE 404
LAS VEGAS, NV 89117
PHONE: (702) 248-8000
FAX: (702) 248-8070
www.collinsengr.com



IMPROVEMENT PLANS FOR DC PLAZA
APN:125-17-601-007,010,013,020 AND 021
TRAFFIC NOTES AND SIGNALS
8451 FARM ROAD
LAS VEGAS, NEVADA

DESCRIPTION		DESIGN BY	DATE	NO.					
CEI PROJECT:					4136				
DESIGN BY:					JDM SR				
DRAWN BY:					JDM SR				
CHECKED BY:					TDM P.E.				
DATE: 09/19/16									
SCALE:									
SHEET NUMBER C7.00									
SHEET 23 OF 46									
107V6734 H#64486									