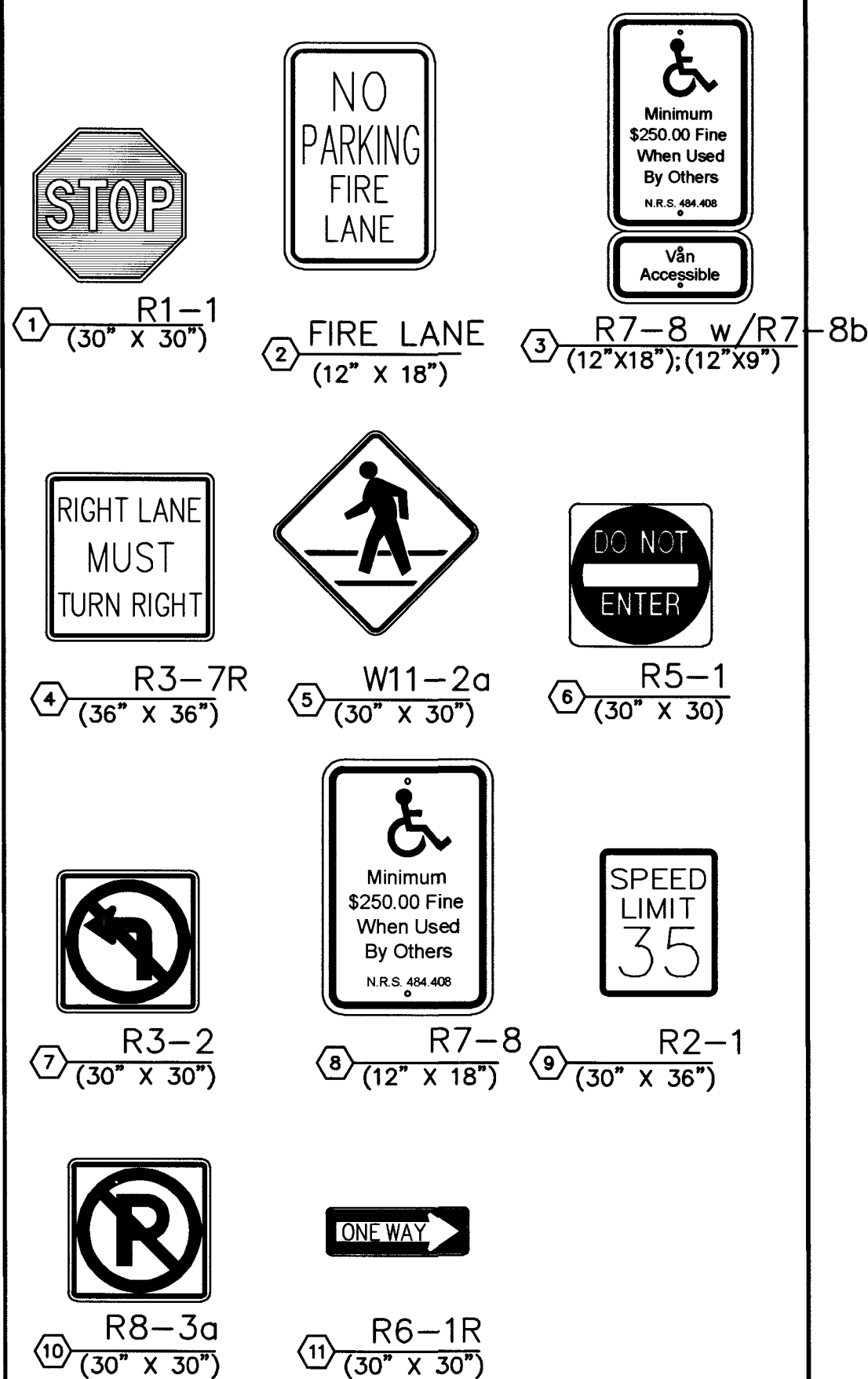
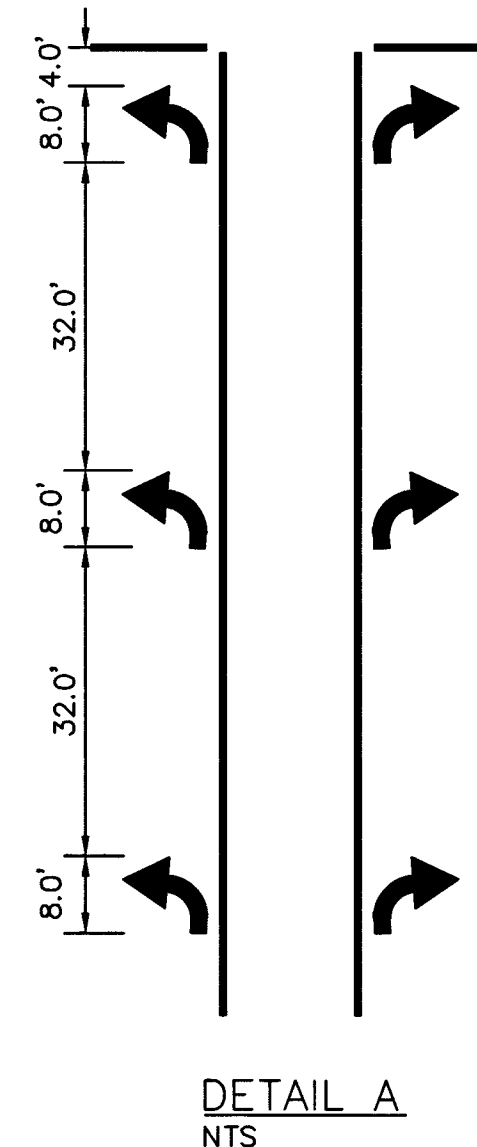
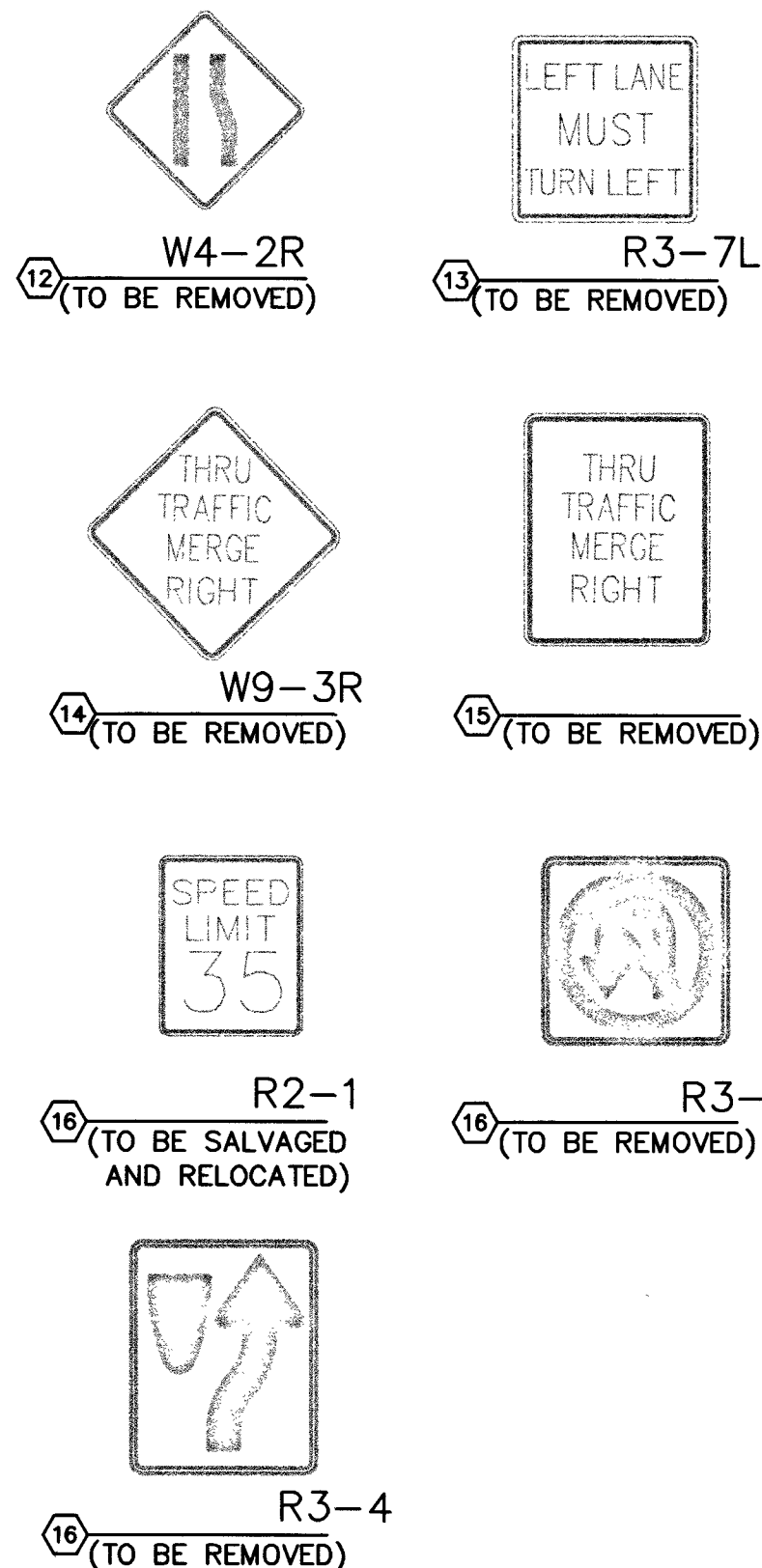


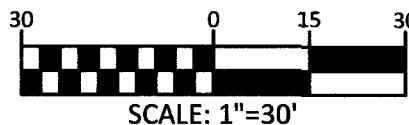
PROPOSED SIGN DETAILS



EXISTING SIGN DETAILS



GRAPHIC SCALE



BASIS OF BEARING

SOUTH 070657 WEST, BEING THE WEST LINE OF THE GOVERNMENT LOT 11, LYING WITHIN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN IN BOOK 140, PAGE 12 OF PLATS IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK # 5LV90 1756

A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF 050 BLANCA ROAD AND DURANGO DRIVE.

NAVD 88 ELEVATION = 798.4331 METERS / 2619.53 FEET NORTH AMERICAN DATUM OF 1988

SIGNAGE CONSTRUCTION NOTES

NO.	ITEM	USDOCA: UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA.
1	INSTALL SIGN R1-1 (STOP) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
2	INSTALL FIRE LANE SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
3	INSTALL SIGN R7-8A, R7-8B ADA VAN ACCESSIBLE PARKING SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
4	INSTALL SIGN R3-7R (RIGHT LANE MUST TURN RIGHT) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
5	INSTALL PEDESTRIAN CROSSING SIGN W11-2 PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
6	INSTALL SIGN R3-2 PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
7	INSTALL SIGN R7-8 ADA ACCESSIBLE PARKING SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
8	INSTALL SIGN R2-1 (SPEED LIMIT) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
9	INSTALL SIGN R8-3a (NO PARKING) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
10	INSTALL SIGN R6-1R (ONE WAY) SIGN PER USDOCA NO. 249.1. SEE SHEET C6.04 FOR SIGN DETAIL.	
11	EXISTING W4-2R (LANE MERGE) SIGN TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.	
12	EXISTING R3-7L SIGN (MUST TURN LEFT) TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.	
13	EXISTING W9-3R (MERGE RIGHT) SIGN TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.	
14	EXISTING TRAFFIC SIGN TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.	
15	EXISTING R2-1 (SPEED LIMIT) SIGN TO BE RELOCATED TO STA. 192+82.28. SEE SHEET C6.04 FOR SIGN DETAIL.	
16	EXISTING R3-4 (NO U-TURN) SIGN TO BE REMOVED. SEE SHEET C6.04 FOR SIGN DETAIL.	

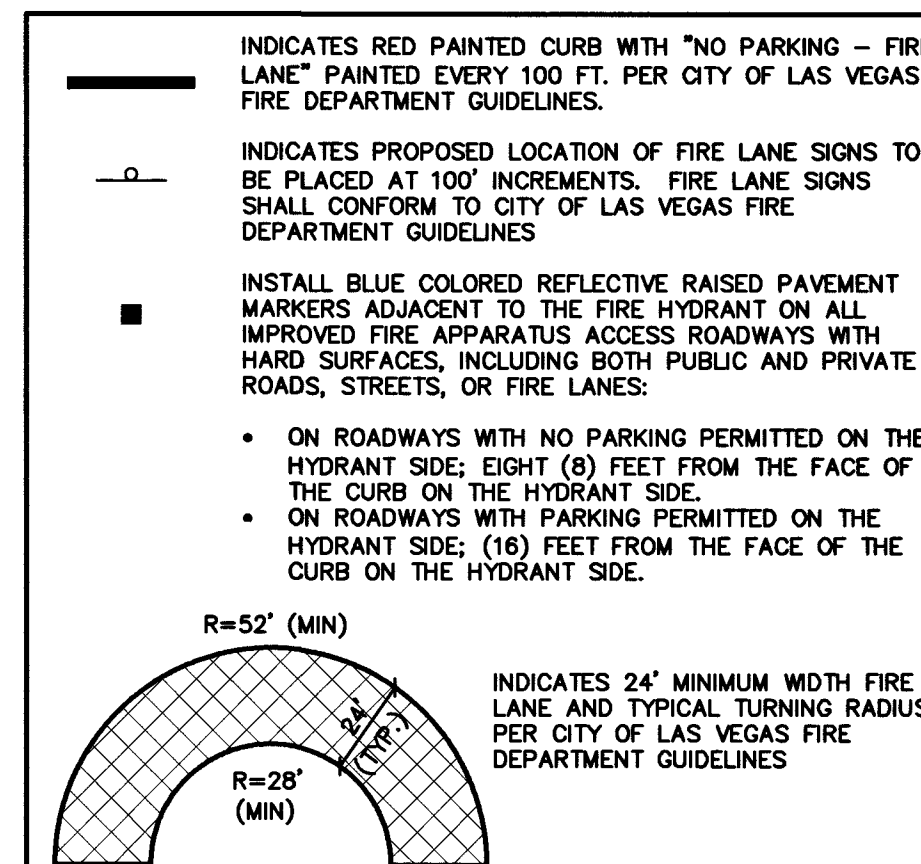
STRIPING CONSTRUCTION NOTES

NO.	ITEM	USDOCA: UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA.
1	INSTALL 4" WHITE PAINTED PARKING STALL LINE, (TYP.)	
2	INSTALL 4" WHITE PAINTED LINE @ 45' AT 3' ON CENTER AS SHOWN.	
3	INSTALL ADA PARKING SPACE MARKINGS PER MUTCD FIGURE 3B.22.	
4	INSTALL PAVEMENT MARKINGS AS SHOWN. 8" TALL LETTERING.	
5	INSTALL BIKE LANE MARKINGS PER USDOCA NO. 244.9.	
6	INSTALL ADDED TURN LANE PAVEMENT MARKERS PER USDOCA NO. 246. SEE SHEET C6.04 FOR DETAIL A.	
7	INSTALL 6"x2" SKIP WHITE LINE PER USDOCA NO. 244.9.	
8	INSTALL 6" SOLID WHITE LINE PER USDOCA NO. 244.9.	
9	INSTALL 8" STORAGE LINE PER USDOCA NO. 246.	
10	INSTALL TYPE 4 LANE LINE PER USDOCA NO. 244.1.	

TRAFFIC CONSTRUCTION NOTES

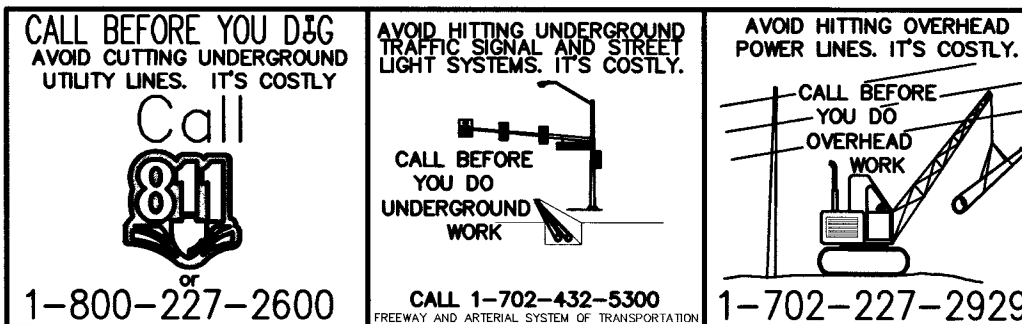
NO.	ITEM	USDOCA: UNIFORM STANDARD DRAWING CLARK COUNTY AREA
1	INSTALL NO. 3 1/2 PULL BOX PER USDOCA DWG. NO. 328.	
2	INSTALL 2" STREETLIGHT CONDUIT WITH (2) #4 AND (1) #8 WIRES PER USDOCA DWG. NO. 404.1419.	
3	INSTALL 3" PVC FAST CONDUIT PER USDOCA 623 G.03.01.	
4	INSTALL STLT PER USDOCA DWG. NO. 314, 320 and 321, AND DETAILS 'A' AND 'B' SHEET C6.04.	
5	INSTALL T200 PULLBOX PER USDOCA DWG NO. 762.	

FIRE LANE LEGEND



STREETLIGHT CIRCUIT CAPACITY CALCULATIONS FOR EX. SERVICE PEDESTAL (APN 125-17-718-004)

SERVICE PEDESTAL LOCATION: TULE SPRINGS ROAD, STA: 20+66.07 (CLV #1074867-B12-OS)			
PERSON WHO DID THE CALCULATIONS: CHRISTOPHER BOLTON			
CONSULTING ENGINEERING FIRM: COLLINS ENGINEERS			
CAPACITY CALCULATIONS: CIRCUIT B (EXISTING+PROPOSED)			
1	CIRCUIT CAPACITY	60	AMPS
2	MAXIMUM CONTINUOUS CURRENT DRAW (BOX)	48	AMPS
3	EXISTING CIRCUIT LOAD (ENTER 0 IF NEW)	4.5	AMPS
4	AVAILABLE (2 MINUS 3)	43.5	AMPS
PROPOSED LUMINAIRE LOAD TO CIRCUIT			
5	NUMBER OF 100 WATT SILTS @ 1.0 AMPS/EA	0	AMPS
6	NUMBER OF 250 WATT SILTS @ 1.5 AMPS/EA	9	AMPS
7	TOTAL PROPOSED ADDITIONAL LOAD (5 + 6)	9	AMPS
	REMAINING AVAILABLE LOAD (4 MINUS 7)	34.5	AMPS



COLLINS ENGINEERS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
---	---	ELEVATION TAG
---	---	DRAIN INLET
---	---	RETAINING WALL
---	---	SCREEN WALL
---	---	UTILITY POLE
---	---	STREET LIGHT
---	---	POWER LINE/POLE
---	---	TELEPHONE LINE
---	---	WATER LINE
---	---	SANITARY SEWER LINE
---	---	STORM SEWER LINE
---	---	GAS LINE
---	---	STORM MANHOLE
---	---	FIRE HYDRANT
---	---	FIRE DEPARTMENT CONNECTION
---	---	WATER VALVE
---	---	REDUCER
---	---	SEWER MANHOLE
---	---	CLEANOUT
---	---	GAS VALVE
---	---	PL-RIGHT-OF-WAY
---	---	PL-ADJACENT CENTERLINE
---	---	EASEMENT LINE
---	---	FLOW LINE
---	---	SIGN W/POLE
---	---	AREA LIGHT
---	---	WATER METER
---	---	AC PAVEMENT
---	---	6" TYPE "A" CURB
---	---	24" TYPE "L" CURB & GUTTER
---	---	30" ROLL CURB
---	---	BWV BACK WATER VALVE

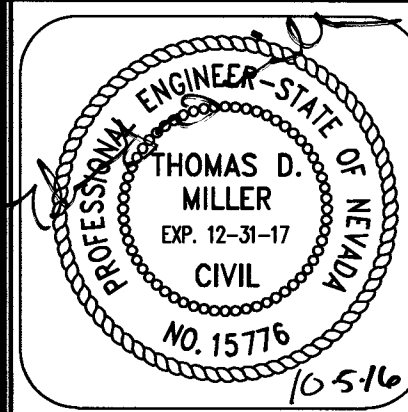
NOTE:

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED OR OBSCURED DURING CONSTRUCTION.

NOTE:

PROPOSED STREET LIGHTS WILL BE ADDED TO EXISTING 200 AMP SERVICE PEDESTAL (STA: 20+66.07) LOCATED ON TULE SPRINGS. SEE SHEET C6.04 FOR STREETLIGHT CIRCUIT CALCULATION.

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



IMPROVEMENT PLANS FOR DC PLAZA
APN:125-17-601-007,010,013,020 AND 021
FIRELANE, STREETLIGHT, SIGNAGE AND STRIPING DETAILS
8451 FARM ROAD
LAS VEGAS, NEVADA

NO.	DATE	DESIGN BY	DESCRIPTION

CEI PROJECT: 4136
DESIGN BY: JDM SR
DRAWN BY: JDM SR
CHECKED BY: TDM P.E.

DATE: 09/19/16
SCALE:

SHEET NUMBER
C6.04
SHEET 3 OF 46
107V6734 #64486