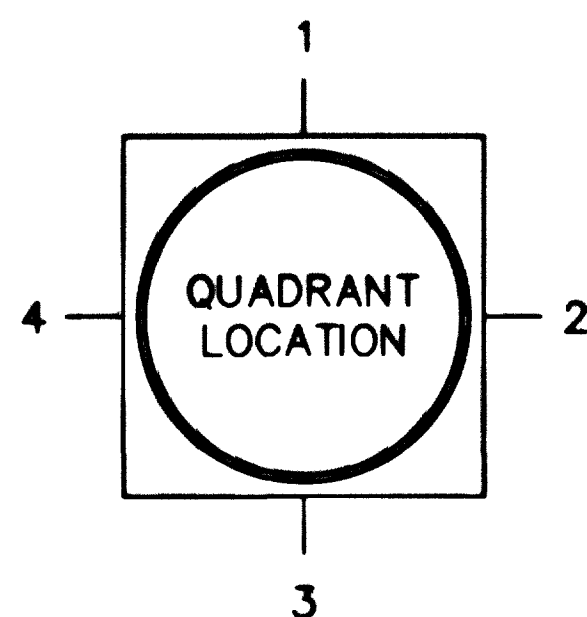


1. INSTALL STREET NAME SIGN (INTERNALLY ILLUMINATED) PER U.S.D. 404.417, (MODIFIED), REFER TO CITY OF LAS VEGAS TRAFFIC/ELECTRICAL FIELD OPERATIONS FOR DETAILS. SEE SIGN SCHEDULE THIS SHEET.
2. OPTICAL DETECTORS TO BE MOUNTED ON SIGNAL HEADS AS SHOWN FOR PRIORITY EMERGENCY VEHICLE PREEMPTION SYSTEM PER C.C.A.S.S.
3. VIDEO SYSTEM CAMERA TO BE MOUNTED ON LUMINAIRE MAST ARM PER CITY OF LAS VEGAS SPECIFICATIONS.
4. INSTALL R3-BL REGULATORY SIGN ON MAST ARM ADJACENT TO SIGNAL HEAD PER U.S.D. No. 404.418.
5. INSTALL TYPE I WHITE COLD POLYMER FILM "ONLY" AND ARROW SYMBOL MARKINGS PER U.S.D. No. 246.
6. INSTALL TYPE I WHITE COLD POLYMER FILM 24" WIDE STOPBAR.
7. INSTALL TYPE I WHITE COLD POLYMER FILM 6" WIDE LANE DELINEATION.
8. RELOCATE EX. PULL BOX TO BACK OF WALK AND EXTEND EXIST. CONDUITS AND WIRING TO NEW LOCATION.
9. INSTALL CROSSWALK PER CCAUSD NO. 254
10. NOT USED
11. NOT USED
12. NOT USED
13. INSTALL TYPE I WHITE COLD POLYMER FILM "CAT TRACKS", (R=60').
14. RELOCATE EXIST. TRAFFIC SIGN R3-7R.
15. NOT USED
16. RELOCATE EXIST. TRAFFIC SIGN R9-3A.
17. REMOVE SPAN WIRE, WOODEN POLE AND BARRIERS AND HANG SIGNALS ON NEW MAST ARM.

SIGN SCHEDULE (SEE SCHEDULE NOTE, THIS SHEET)			
POLE	INTERNALLY ILLUMINATED STREET NAME SIGN	SIGN WIDTH	BLOCK NUMBER SIGN LEGEND
	GRAND CANYON DRIVE	8'	3100N
	GRAND CANYON DRIVE	8'	3100N
	CHEYENNE AVENUE	8'	9700W

♠1 N/A	♠2 ↕	♠3 N/A	♠4 →
♠5 N/A	♠6 N/A	♠7 ↗	♠8 ←

CONFLICT FLASH - ALL RED



1. CONDUIT LAYOUT IS DIAGRAMMATIC ONLY. LAY ALL CONDUIT IN A MANNER TO AVOID EXISTING UTILITIES AND WITHIN PUBLIC RIGHT-OF-WAY.
2. READY MIXED PAINT MAY BE USED FOR TEMPORARY STRIPING.

AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

Call
before you
Dig

1-800-227-2600

UNDERGROUND SERVICE (USA)

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY

CALL BEFORE YOU CRANE

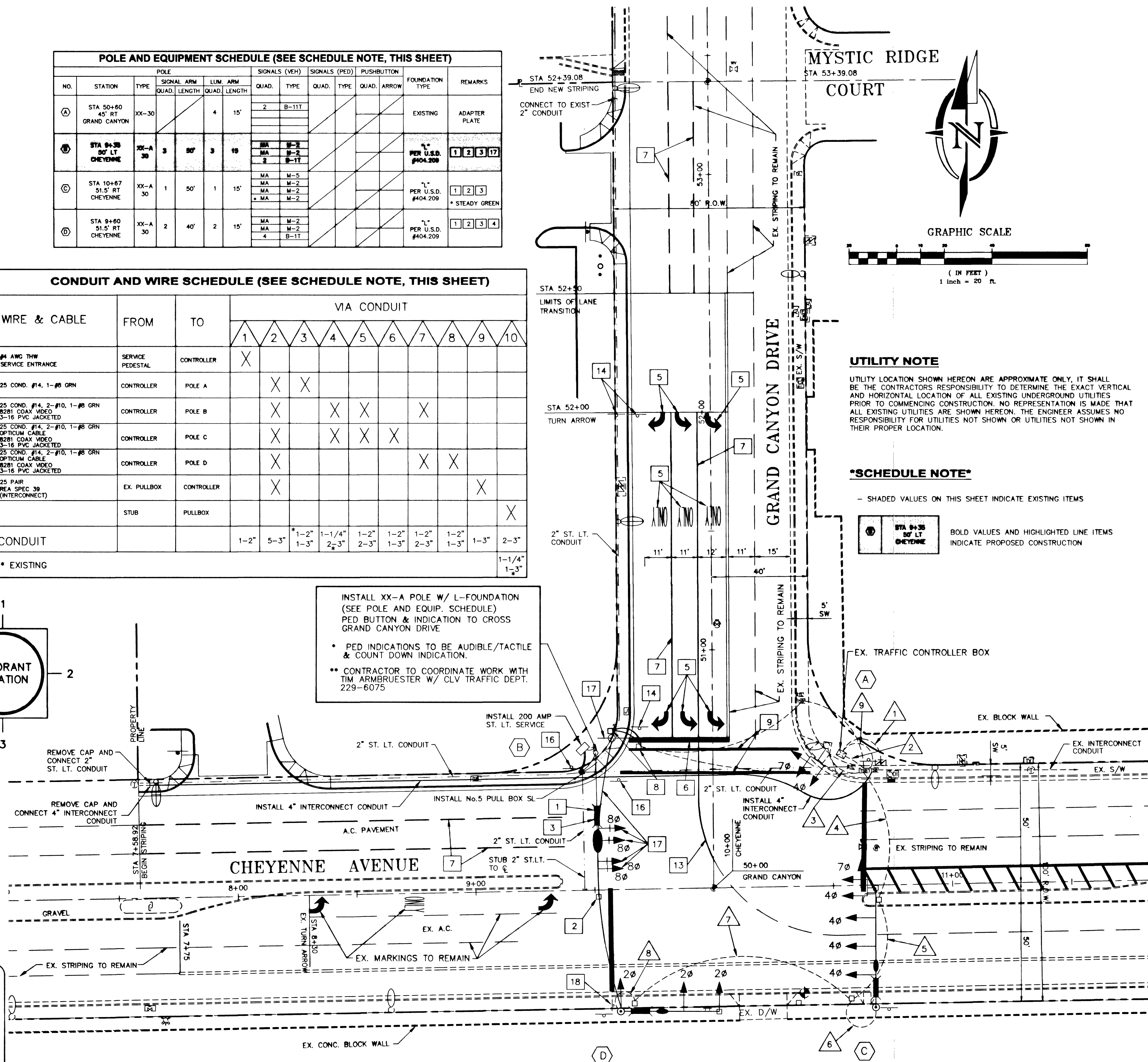
1-702-227-2829

POLE AND EQUIPMENT SCHEDULE (SEE SCHEDULE NOTE, THIS SHEET)														
NO.	STATION	TYPE	POLE		LUM. ARM		SIGNALS (VEH)		SIGNALS (PED)		PUSHBUTTON		FOUNDATION TYPE	REMARKS
			SIGNAL QUAD.	ARM LENGTH	QUAD.	LENGTH	QUAD.	TYPE	QUAD.	TYPE	QUAD.	ARROW		
A	STA 50+60 45' RT GRAND CANYON	XX-A 30			4	15'	2	B-11T					EXISTING	ADAPTER PLATE
B	STA 9+35 30' LT CHEYENNE	XX-A 30	3	50'	3	15'	MA MA 2	M-2 M-2 B-1T					"L" PER U.S.D. #404.209	1 2 3 17
C	STA 10+67 51.5' RT CHEYENNE	XX-A 30	1	50'	1	15'	MA MA MA MA	M-5 M-2 M-2 M-2					"L" PER U.S.D. #404.209	1 2 3 * STEADY GREEN
D	STA 9+60 51.5' RT CHEYENNE	XX-A 30	2	40'	2	15'	MA MA 4	M-2 M-2 B-1T					"L" PER U.S.D. #404.209	1 2 3 4

CONDUIT AND WIRE SCHEDULE (SEE SCHEDULE NOTE, THIS SHEET)												
WIRE & CABLE	FROM	TO	VIA CONDUIT									
			1	2	3	4	5	6	7	8	9	10
#4 AWG THW SERVICE ENTRANCE	SERVICE PEDESTAL	CONTROLLER	X									
25 COND. #14, 1-#8 GRN	CONTROLLER	POLE A		X	X							
25 COND. #14, 2-#10, 1-#8 GRN 8281 COAX VIDEO 3-16 PVC JACKETED	CONTROLLER	POLE B		X		X	X		X			
25 COND. #14, 2-#10, 1-#8 GRN OPTICUM CABLE 8281 COAX VIDEO 3-16 PVC JACKETED	CONTROLLER	POLE C		X		X	X	X				
25 COND. #14, 2-#10, 1-#8 GRN OPTICUM CABLE 8281 COAX VIDEO 3-16 PVC JACKETED	CONTROLLER	POLE D		X					X	X		
25 PAIR REA SPEC 39 (INTERCONNECT)	EX. PULLBOX	CONTROLLER		X								X
	STUB	PULLBOX										X
CONDUIT			1-2"	5-3"	*1-2" 1-3"	1-1/4" 2-3"	1-2" 2-3"	1-2" 1-3"	1-2" 2-3"	1-2" 1-3"	1-3"	2-3"
* EXISTING												1-1/4" 1-3"

INSTALL XX-A POLE W/ L-FOUNDATION
(SEE POLE AND EQUIP. SCHEDULE)
PED BUTTON & INDICATION TO CROSS
GRAND CANYON DRIVE

- * PED INDICATIONS TO BE AUDIBLE/TACTILE
& COUNT DOWN INDICATION.
- ** CONTRACTOR TO COORDINATE WORK WITH
TIM ARMBRUESTER W/ CLV TRAFFIC DEPT.
229-6075



UTILITY LOCATION SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

- SHADED VALUES ON THIS SHEET INDICATE EXISTING ITEMS

STA 8+35	BOLD VALUES AND HIGHLIGHTED LINE ITEMS
50' LT	INDICATE PROPOSED CONSTRUCTION
CHEYENNE	

GRAND CANYON OFFICE

TRAFFIC SIGNAL AND STRIPING PLAN



SHEET
C9
9 OF 9 SHEETS
DRAWING NO.
13850

USCALE:	1"=20'	TSM
DRAWN BY:	DESIGNED BY:	
CHECKED BY:		
SUBMITTAL DATE:		
JOB NO:	41-101	

2480 E. Tompkins Ave.
Suite # 232
Las Vegas, NV 89121
phone: 702.456.4664
fax: 702.456.4919



REVISION APPROVAL BLOCK