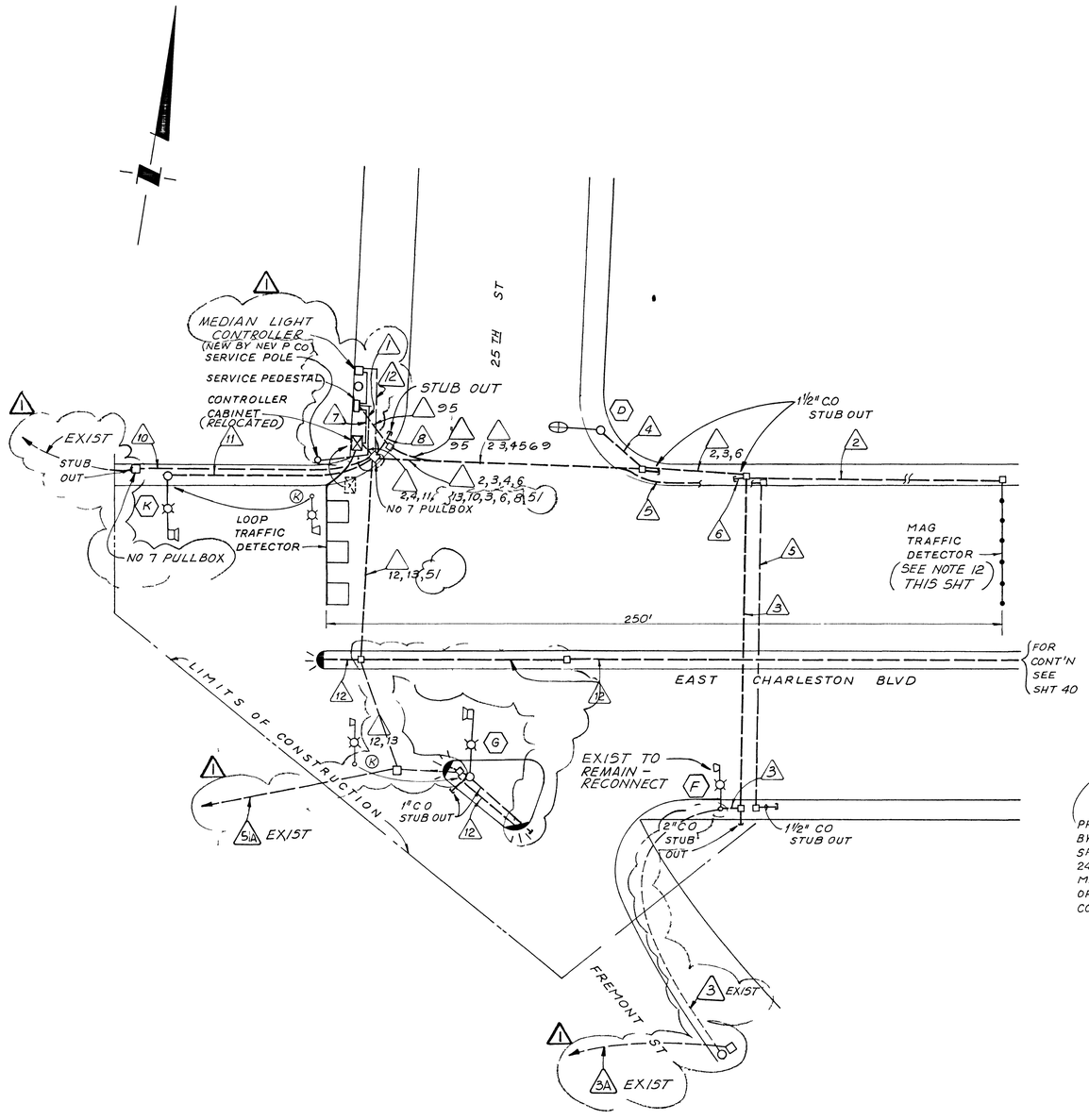
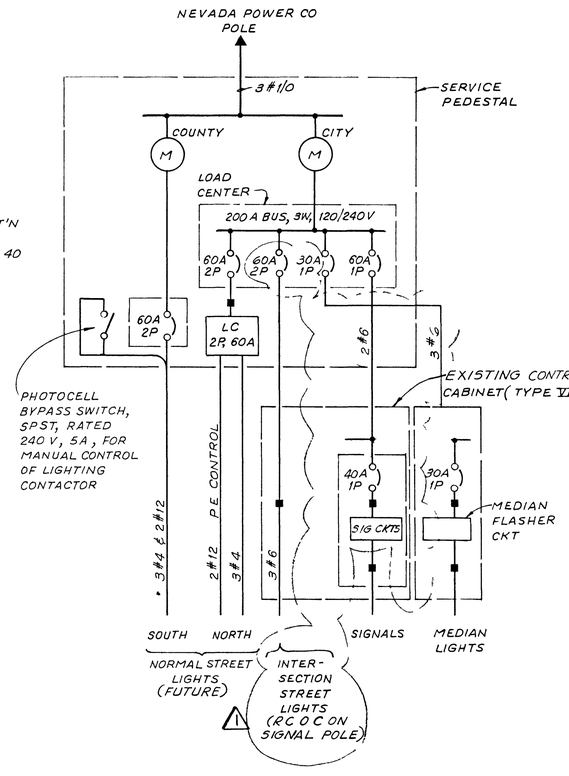


PLAN



SINGLE LINE DIAGRAM

CONDUIT & CABLE SCHEDULE

REF No *	CABLE No	CONDUIT SIZE	CONDUCTORS
1	1	2"	3 # 1/0
2	2	1"	3 MAGS
22	3	2"	20 #14 c/s
			3 #10
			4 MAGS (TERMINATE AT LAST PULL BOX)
4	4	2"	15 #14 c/s (FUTURE)
			2 #10
	5	1½"	C O
3	6	1½"	FUTURE
	7	2"	8 #6
7	8	1½"	FUTURE
	9	1½"	FUTURE
9, 10, 13, 14	10	4 2"	FUTURE (TWO 15C # 14 (2 #10 TO EXIST)
25	11	1½"	2 #10, 15 # 14 c/s
24	12	1"	(2 #8 1 # 10)
	13	2"	15 # 14 c/s, 3 #10
			4 LOOPS
	3A	EXIST 2"	7 # 14, 2 # 10
	51	2-2"	2 15 COND #14 2 #10, 4 MAGS
			4 LOOPS
	51A	EXIST 2'	

* NUMBER SHOWN ON CITY OF LAS VEGAS DWG NO 208-V211 'A" SHT 1 OF 1

NOTES

1 AC SERVICE - 120/240V, SINGLE ϕ, 3 WIRE
2 THE CONTRACTOR SHALL REMOVE ALL EXISTING SIGNAL EQUIPMENT & RELOCATE AS REQUIRED ANY EXISTING EQUIPMENT NOT USED, SHALL BE DELIVERED TO CITY YARD SIGNAL SHOP
3 THE CONTRACTOR SHALL INSTALL ALL WIRE & CABLE TERMINAL TO TERMINAL NO SPLICING OTHER THAN LOOP LEAD-IN & MAG LEAD-IN IN PULLBOX ADJACENT TO ROADWAY
4 ALL SIGNAL CONDUCTOR CABLE TO MEET IMSA SPEC 20-1
5 ALL MAGS TO BE LOCATED 250' FROM STOP BAR
6 ALL PULLBOXES TO BE No 3½ UNLESS NOTED
7 WIRES TO BE AS SPECIFIED IN CONTRACT
8 LOOP LEAD-IN CABLE TO MEET IMSA SPEC 20-2
9 SINGLE LINE DIAGRAM & SERVICE POINT CONDUIT & WIRE SCHEDULE ON SHT 51 & 52 NO LONGER APPLIES NOTES ON SHT 51 ARE STILL VALID
10 POLE D TO BE TYPE III WITH '15' LUMINAIRE", PROVIDE FOUNDATION FOR POLE G TO SUIT FUTURE POLE TYPE XX (USE BASE ADAPTER PLATE C L V DWG 401 409)
11 INCLUDE GROUND WIRE AS PER NATIONAL ELECTRICAL CODE IN ALL PVC CONDUITS
12 EXISTING MAG AMPLIFIER 15 TRANSCENSOR TYPE

AS BUILT DRAWING

6-10-74

Norbert Schneider REE 3447

REV	DATE	DESCRIPTION
1	2-5-75	AS BUILT

RECOMMENDED
G. C. WALLACE RE NO DATE

MONTGOMERY ENGINEERS OF NEVADA RE NO DATE

WALLACE - MONTGOMERY, A JOINT VENTURE
MONTGOMERY ENGINEERS OF NEVADA
G C WALLACE, Consulting Engineer 735-7198
735-5709 LAS VEGAS, NEVADA

REGIONAL STREET AND HIGHWAY COMMISSION, CLARK CO., NEV
EAST CHARLESTON BLVD FROM FREMONT ST TO NELLIS BLVD

25 TH STREET INTERSECTION TRAFFIC SIGNAL SYSTEM

SHEET 53 OF 53 SHEETS

22-4-162 107-V943