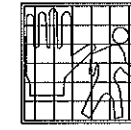
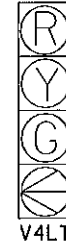


CABLE TERMINATION CHART					
CNDR. NO.	CONDUCTOR COLOR	CABLE 1 20 CNDR.	CABLE 2 20 CNDR.	CABLE 3 20 CNDR.	CABLE 4 20 CNDR.
		FROM P-1 TO CNTRL.	FROM P-2 TO CNTRL.	FROM P-3 TO CNTRL.	FROM P-4 TO CNTRL.
1	BLACK	SH 1 ←Y Ø1	SH 6 ←Y Ø3	SH 11 ←Y Ø5	SH 16 ←Y Ø7
2	WHITE	SIG COMMON	SIG COMMON	SIG COMMON	SIG COMMON
3	RED	SH 1, 2, 3 R Ø6	SH 6, 7, 8 R Ø8	SH 11, 12, 13 R Ø2	SH 16, 17, 18 R Ø4
4	GREEN	SH 1, 2, 3 G Ø6	SH 6, 7, 8 G Ø8	SH 11, 12, 13 G Ø2	SH 16, 17, 18 G Ø4
5	ORANGE	SH 1, 2, 3 Y Ø6	SH 6, 7, 8 Y Ø8	SH 11, 12, 13 Y Ø2	SH 16, 17, 18 Y Ø4
6	BLUE	SH 1 ←G Ø1	SH 6 ←G Ø3	SH 11 ←G Ø5	SH 16 ←G Ø7
7	WHITE/BLACK	SPARE	SPARE	SPARE	SPARE
8	RED/BLACK	SH 5 DW Ø6	SH 9 DW Ø6	SH 15 DW Ø2	SH 19 DW Ø2
9	GREEN/BLACK	SH 5 W Ø6	SH 9 W Ø6	SH 15 W Ø2	SH 19 W Ø2
10	ORANGE/BLACK	Ø6 PED CALL	Ø6 PED CALL	Ø2 PED CALL	Ø2 PED CALL
11	BLUE/BLACK	SPARE	SPARE	SPARE	SPARE
12	BLACK/WHITE	SPARE	SPARE	SPARE	SPARE
13	RED/WHITE	SH 4 DW Ø4	SH 10 DW Ø8	SH 14 DW Ø8	SH 20 DW Ø4
14	GREEN/WHITE	SH 4 W Ø4	SH 10 W Ø8	SH 14 W Ø8	SH 20 W Ø4
15	BLUE/WHITE	Ø4 PED CALL	Ø8 PED CALL	Ø8 PED CALL	Ø4 PED CALL
16	BLACK/RED	PED COMMON	PED COMMON	PED COMMON	PED COMMON
17	WHITE/RED	SPARE	SPARE	SPARE	SPARE
18	ORANGE/RED	SPARE	SPARE	SPARE	SPARE
19	BLUE/RED	SPARE	SPARE	SPARE	SPARE
20	RED/GREEN	SPARE	SPARE	SPARE	SPARE

SIGNAL HEADS										
SIGNAL HEAD NO.	SIGNAL HEAD TYPE	12" SIGNAL INDICATION			LOUVER	VEHICLE SIGNAL SECTIONS				PED SIGNAL SECTIONS
		BACKPLATE				RED BALL	YELLOW BALL	GREEN BALL	YELLOW/GREEN ARROW	
		3 SEC (EA)	4 SEC (EA)	5 SEC (EA)						
2, 3, 7, 8, 12, 13, 17, 18	V3	8				8	8	8		
1, 6, 11, 16	V4LT		4			4	4	4	4	
4, 5, 9, 10, 14, 15, 19, 20	SH 143C									8
	TOTAL	8	4			12	12	12	4	8

ALL SIGNAL INDICATIONS SHALL BE LED



SH 143C
or
SH 152A

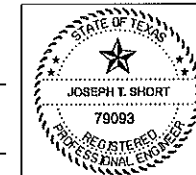
RUN NO.	CONDUIT SIZE/TYPE (FEET)					ELECTRICAL CONDUCTORS			VIVDS CABLE	OPTICOM CABLE	CAT 5E ETHERNET CABLE	5 CNDR. #14 AWG CABLE (ILSN CABLE)	SIGNAL CABLE	LENGTH OF RUN
	2" PVC Trenched	3" PVC Trenched	4" PVC Trenched	4" PVC Bored	STATUS	NO. 6 XHHW WIRE	NO. 6 BARE WIRE	NO. 8 XHHW WIRE (ILSN)					TY-A	
													20 CNDR. CABLE (#14 AWG)	
1		10.0			I		1	2	1	1		1	1	10.0
2			10.0	55.0	I		1	2	1	1		1	1	65.0
3		10.0			I		1	4	1	1		1	1	10.0
4			35.0		I		1		4	4	1			35.0
5			35.0		I		1	4				4	4	35.0
6			10.0		I		1		4	4	1			10.0
7			10.0		I		1					4	4	10.0
8	10.0				I	2	1							10.0
9			10.0	80.0	I		1	2	2	2		2	2	90.0
10		10.0			I		1	4	1	1	1	1	1	10.0
11			10.0	55.0	I		1	2	1	1		1	1	65.0
12		10.0			I		1	2	1	1		1	1	10.0
13			10.0	85.0	I		1							95.0
14	20.0				I		1	4						20.0
TOT.	30.0	40.0	130.0	275.0		20.0	475.0	780.0	530.0	530.0	55.0	530.0	530.0	

I=INSTALL

THIS CHART DOES NOT REFLECT THE QUANTITIES OF CABLE INSIDE THE POLE.

JOSEPH T. SHORT, P.E.
LEE ENGINEERING, L.L.C., REGISTRATION NO. F-450

J.T. Short
DATE 4/28/09



NO.	REVISION	BY	DATE

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY AND PONTE AVENUE

SIGNAL DESIGN TABLES
VITRUVIAN WAY AT PONTE AVENUE

PROJECT	DESIGN	DRAWN	DATE	FILE	SHEET
5028-01	CJP	CJP	APR 28, 2009	PW# 2009-01	TS5