

DATE: 2/4/2014 TIME: 11:07:26 AM FILE: 29350_SGNL_02A.dgn PROJECT # 29350 OFFICE: RCH USER: dh2424

CABLE TERMINATION CHART

CONDUCTOR COLOR	CABLE 1	CABLE 2	CABLE 3	CABLE 4
	20 CNDR	20 CNDR	20 CNDR	20 CNDR
	FROM CNTRL TO T-1 TERMINAL BLOCK	FROM CNTRL TO T-2 TERMINAL BLOCK	FROM CNTRL TO T-3 TERMINAL BLOCK	FROM CNTRL TO T-4 TERMINAL BLOCK
RED	SH 3, 4, 5 Ø 2 R	SH 8, 9, 10 Ø 8 R	SH 13, 14, 15, 16 Ø 6 R	SH 19, 20, 21 Ø 4 R
ORANGE	SH 3, 4, 5 Ø 2 Y	SH 8, 9, 10 Ø 8 Y	SH 13, 14, 15, 16 Ø 6 Y	SH 19, 20, 21 Ø 4 Y
GREEN	SH 3, 4, 5 Ø 2 G	SH 8, 9, 10 Ø 8 G	SH 13, 14, 15, 16 Ø 6 G	SH 19, 20, 21 Ø 4 G
RED/BLACK	SH 1, 2 Ø 5 R LT ARROW	SPARE	SPARE	SPARE
ORANGE/BLACK	SPARE	SPARE	SPARE	SPARE
GREEN/BLACK	SPARE	SPARE	SPARE	SPARE
WHITE/BLACK	SPARE	SPARE	SPARE	SPARE
BLUE/BLACK	Ø 2 PED CALL	Ø 6 PED CALL	Ø 6 PED CALL	Ø 2 PED CALL
BLUE/WHITE	SH 7 Ø 2 W	SH 11 Ø 6 W	SH 17 Ø 6 W	SH 23 Ø 2 W
BLACK/WHITE	SH 7 Ø 2 DW	SH 11 Ø 6 DW	SH 17 Ø 6 DW	SH 23 Ø 2 DW
BLACK	SH 1, 2 Ø 5 Y LT ARROW	SH 8 Ø 3 Y LT ARROW	SH 13 Ø 1 Y LT ARROW	SH 19 Ø 7 Y LT ARROW
GREEN/WHITE	SH 6 Ø 8 W	SH 12 Ø 8 W	SH 18 Ø 4 W	SH 22 Ø 4 W
RED/WHITE	SH 6 Ø 8 DW	SH 12 Ø 8 DW	SH 18 Ø 4 DW	SH 22 Ø 4 DW
BLUE	SH 1, 2 Ø 5 G LT ARROW	SH 8 Ø 8 G LT ARROW	SH 13 Ø 1 G LT ARROW	SH 19 Ø 7 G LT ARROW
WHITE	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON	SIGNAL COMMON
BLACK/RED	Ø 8 PED CALL	Ø 8 PED CALL	Ø 4 PED CALL	Ø 4 PED CALL
WHITE/RED	SPARE	SPARE	SPARE	SPARE
ORANGE/RED	SPARE	SPARE	SPARE	SPARE
BLUE/RED	SPARE	SPARE	SPARE	SPARE
RED/GREEN	SPARE	SPARE	SPARE	SPARE

CONDUIT SUMMARY

RUN NO.	CONDUIT			RUN LENGTH (FT)	INSTALL TYPE	ELECTRICAL CONDUCTORS			SIGNAL CABLES #14 AWG			VIVDS CABLE	OPTICOM CABLE	ILSN CABLE 3/C #12
	2"	3"	4"			XHHW #6	GROUND		20 CNDR TYP A	5 CNDR TYP A	7 CNDR TYP A			
							BARE #6	BARE #8						
1	1			5	T	2	1							
2			2	5	T			2	4			4	4	4
3			3	7	T			2	4			4	4	4
4				5	EX			2	1			1	1	1
5				110	EX			1	2			2	2	2
6				135	EX			1	1			1	1	1
7				10	EX			2	1			1	1	1
8				85	EX			1						
9				26	EX			2	1			1	1	1
10				120	EX			1	1			1	1	1
11				12	EX			2	1			1	1	1
CABLE TOTALS						10	5	580	576	0	0	576	576	576
CONDUIT TOTALS						2" TRENCH	5	T = TRENCH B = BORE						
						2" BORE	0							
						3" TRENCH	0							
						3" BORE	0							
						4" TRENCH	31							
						4" BORE	0							



S.P. Booth, P.E. 1/24/2014
Signature of Registrant Date

NO.	REVISION	BY	DATE
TOWN OF ADDISON DALLAS COUNTY, TEXAS BELT LINE ROAD UNDERGROUND ELECTRICAL TRAFFIC SIGNAL DESIGN TABLES BELT LINE RD AT BUSINESS AVENUE 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL (214) 346-6200 FAX (214) 738-0095			
PROJECT	DESIGN	DRAWN	DATE
29350	HALFF	HALFF	NOV. 2013
FILE	SHEET		
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