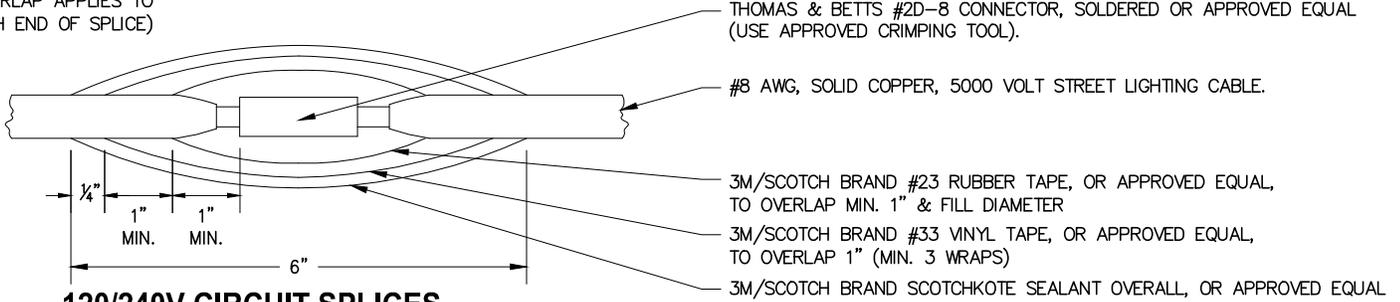
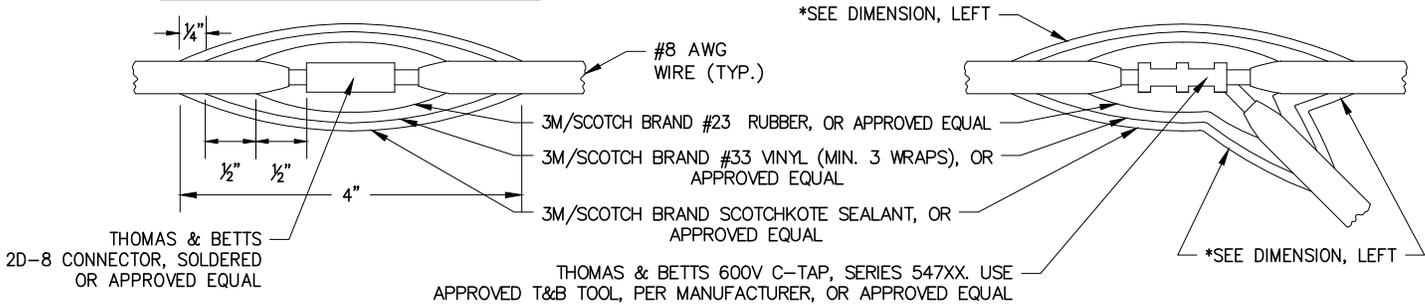


CIRCUIT SPLICES SERIES (5KV)

(OVERLAP APPLIES TO EACH END OF SPLICE)

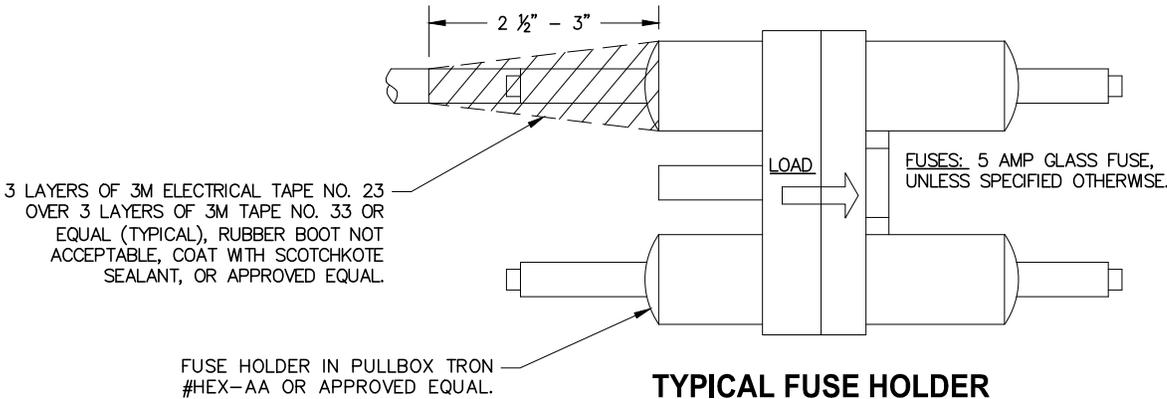


120/240V CIRCUIT SPLICES



GENERAL NOTES

1. ALL PHASE CONDUCTORS SHALL BE STRANDED COPPER, THWN, IDENTIFIED BY A CONTINUOUS, DISTINCT, COLOR-CODED INSULATION.
2. CIRCUIT PAIRS FOR 240 VAC CONDUCTORS SHALL BE OF TWO DISTINCT COLORS, CONTINUOUSLY TRACEABLE FROM LUMINAIRE TO CIRCUIT BREAKER.
3. WITH THE EXCEPTION OF THE FIRST, 2" DIAMETER CONDUIT FROM THE SERVICE CABINET TO THE FIRST ADJACENT PULLBOX, NO CONDUCTOR INSULATION COLOR SHALL BE DUPLICATED IN ANY CONDUIT RUN. WIRES OF DIFFERENT AWG SIZES MAY REPEAT COLORS IN THE SAME CONDUIT RUN.
4. CIRCUIT GROUNDS SHALL BE #8 AWG BARE, SOLID COPPER, SPLICED USING THOMAS & BETTS 'C-TAP'S AS SHOWN, OR APPROVED EQUAL, ABOVE. GROUND CONDUCTORS TO LUMINAIRES MAY BE REDUCED AS PER SPECIFICATION ON STD 205, BELOW. SPLICES SHALL BE SOLDERED AND TAPED PER VOLTAGE REQUIREMENTS.
5. GRAY (277V), WHITE, OR WHITE WITH COLOR-STRIPED INSULATION SHALL BE USED ONLY FOR THE NEUTRAL, OR GROUNDED-CONDUCTOR.



TYPICAL FUSE HOLDER

*LUMINAIRE & LOAD-SIDE OF FUSE HOLDER COPPER CONDUCTOR SIZING

STANDARD	LOAD SIDE PHASE CONDUCTOR	GROUND CONDUCTOR
STD 200-A	#10 THWN STRANDED	#10 STRANDED
STD 200-B	#10 THWN STRANDED	#10 STRANDED
STD 201	#10 THWN STRANDED	#10 STRANDED
STD 202	#10 THWN STRANDED	#10 STRANDED
STD 203-A	#10 THWN STRANDED	#10 STRANDED
STD 203-B	#10 THWN STRANDED	#10 STRANDED
STD 203-C	#10 THWN STRANDED	#10 STRANDED
STD 203-D	#10 THWN STRANDED	#10 STRANDED

* NOTE

TERMINATE GROUND CONDUCTOR IN FIXTURE USING APPROPRIATE THOMAS & BETTS 'STA-KON' BRAND, SERIES 'C10', OR APPROVED EQUAL, NON-INSULATED FORK TERMINAL.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 205-L

APP. 	51568	11/24/2020		
CITY ENGINEER	RCE	DATE	NO.	DATE
			DESCRIPTION OF REVISIONS	

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS	<h1>CIRCUIT SPLICING, FUSE HOLDER & WIRING DETAIL</h1>	STANDARD DRAWING NO.
DATE: 11/3/2020		<h1>205</h1>
		SHEET 1 OF 1