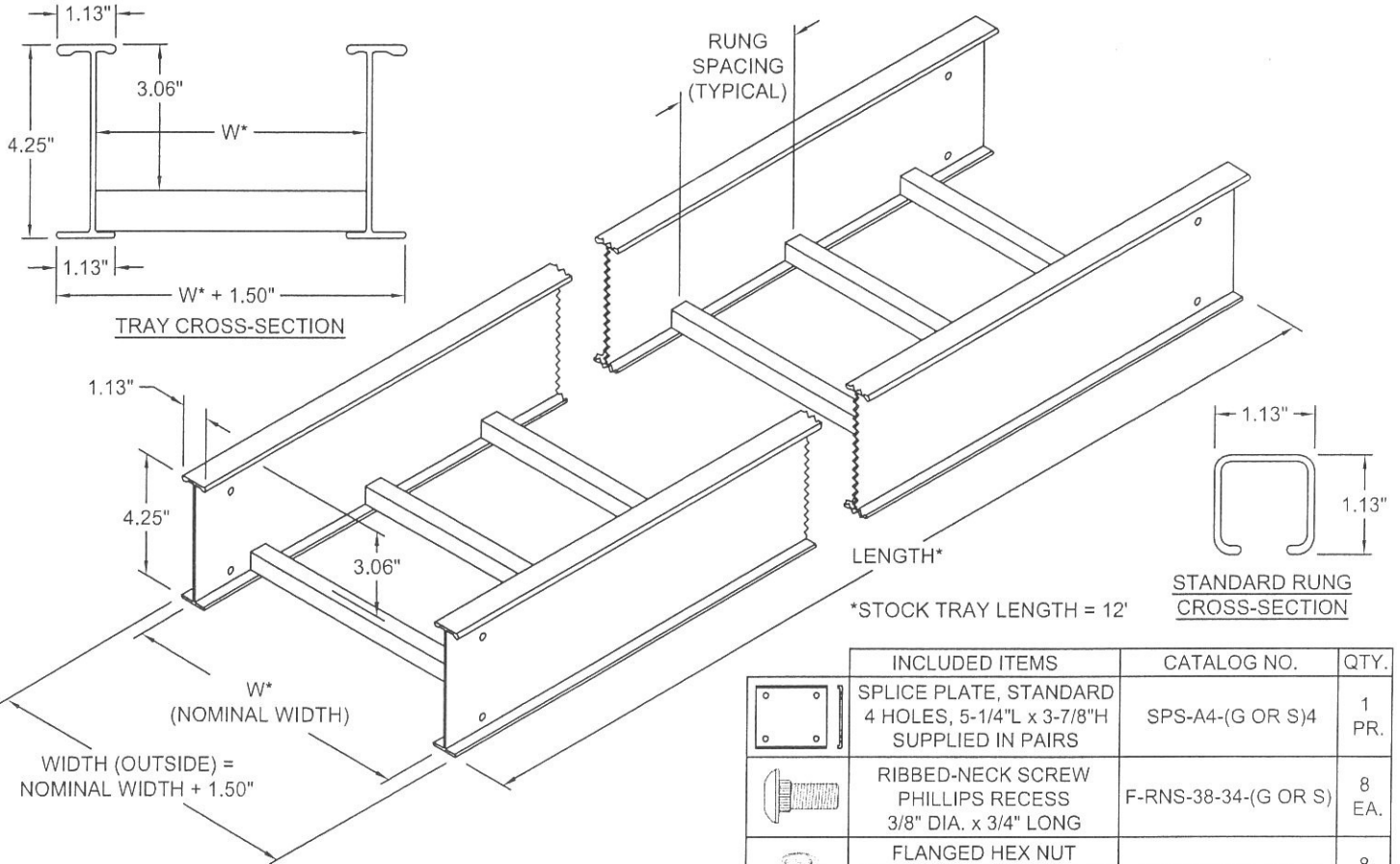


NO.	REVISION	BY	DATE	MATERIAL I.D.
0	APPROVED	TM	03-25-11	A412B-LA
1	ADDED ISO CERT, RUNG OPTIONS, REVISED TITLE BLOCK	TM	10-12-15	



	INCLUDED ITEMS	CATALOG NO.	QTY.
	SPLICE PLATE, STANDARD 4 HOLES, 5-1/4"L x 3-7/8"H SUPPLIED IN PAIRS	SPS-A4-(G OR S)4	1 PR.
	RIBBED-NECK SCREW PHILLIPS RECESS 3/8" DIA. x 3/4" LONG	F-RNS-38-34-(G OR S)	8 EA.
	FLANGED HEX NUT 3/8" DIA., SERRATED FACE 9/16" SOCKET SIZE	F-FHN-38-(G OR S)	8 EA.

SPLICE PLATES: NECESSARY SPLICE CONNECTORS AND FASTENERS ARE AUTOMATICALLY SUPPLIED WITH ALL STRAIGHT TRAY SECTIONS AND FITTINGS. FASTENER MATERIALS ARE GEOMET-PLATED STEEL (G) AND TYPE 316 STAINLESS STEEL (S).



CLASSIFIED BY UNDERWRITERS LABORATORIES AS TO ITS SUITABILITY AS AN EQUIPMENT GROUNDING CONDUCTOR ONLY PER NEC 392. METAL CABLE TRAY IN ACCORDANCE WITH THE STANDARD FOR CABLE TRAY SYSTEMS CANADA CSA-C22.2 NO. 126. (UL FILE NO. E341872)

MATERIAL: EXTRUDED ALUMINUM ALLOY 6063-T6
FINISH: PLAIN (POWDER COATED PAINTS AVAILABLE)
CABLE TRAY TYPE: LADDER, TWO RAILS
LOAD RATING (NEMA): 81 LBS/FT, 12' SPAN, CLASS 12B
LOAD RATING (CSA): 174 KG/M, 3.0 METER SPAN, CLASS D
SIDE RAIL HEIGHT: 4" NOMINAL (4.25" ACTUAL)
INSIDE LOAD DEPTH: 3" NOMINAL (3.06" ACTUAL)
BOTTOM: 1.13" WIDE RUNGS (TUBULAR WITH OPEN SLOT)
CONSTRUCTION: ARC-WELDED ON BOTH SIDES OF RUNGS
MIN. CROSS-SECTIONAL AREA PER NEC 392: 0.60 IN ²
AMPERAGE RATING PER NEC 392: 1,000 AMPERES
TRAY FITTING CLASS: 1 (1.13" WIDE FLANGES)
MOMENT OF INERTIA (EACH SIDE RAIL): 1.321 IN ⁴ (x-x)
SECTION MODULUS (EACH SIDE RAIL): 0.550 IN ³ (x-x)

EXAMPLE: A412B - 09(t) - SL12 - 24 - S		CATALOG NUMBERS		‡ MARK "v" IN BOX TO INCLUDE IN SUBMITTAL	
CABLE TRAY SYSTEM NO.	RUNG SPACING ‡	ITEM CODE	LENGTH ‡	WIDTH (W) ‡	FASTENER MATERIAL ‡
A412B	06 6"	SL	10 10'-0"	06 6"	G GEOMET PLATED STEEL
	09 9"	STRAIGHT LENGTH	12 12'-0"	09 9"	
	12 12"		20 20'-0"	12 12"	
	12 12"		24 24'-0"	18 18"	
‡	† RUNG TYPE		RUNG AND BOTTOM DESIGN OPTIONS		24 24"
	BLANK	STANDARD 1.13" WIDE TUBULAR RUNG		30 30"	
		OPTIONAL RUNG OR BOTTOM DESIGN AS SHOWN ON DRAWING USP-AL-RB-2		36 36"	

CUSTOM TRAY LENGTHS AND WIDTHS ARE AVAILABLE. CONSULT FACTORY.



United Structural Products, LLC
 560 WHARTON CIRCLE, SUITE E PHONE: 404-696-8585
 ATLANTA, GA 30336 USA FAX: 404-696-8599

SHEET NO.	1 OF 1
DIMENSIONS	INCHES

DESCRIPTION
 CABLE TRAY STRAIGHT SECTION, LADDER, ALUM. 4" HIGH, CLASS 12B

DRAWING NUMBER
 USP-A412B-LA-SL12

THIS CABLE TRAY SYSTEM IS IN FULL COMPLIANCE WITH ALL ASPECTS OF THE LATEST REVISIONS OF NEMA STANDARD VE1, CSA C22.2 NO. 126 AND NATIONAL ELECTRICAL CODE ART. 392.