

DO NOT SCALE — WORK TO DIMENSIONS			
STANDARD VOLUNTEER LOADING OTHERWISE SPECIFIED	LINEAL DIM.	TWO PLACES MINIMUM THREE PLACES MINIMUM	± .004 ± .004
	HOLE DIA.	PRACTICAL LETTER OR NUMERICAL DIMS. ± .004	
	ANGLE	INDICATED ± 1°	INDICATED ± 1°

REV	C. N.	DATE	BY
R.D.	SWITZ C209	24/05	DS
A	SWITZ C27	4/06/83	DS.

[illegible]

[illegible][illegible][illegible][illegible]

FRONT.

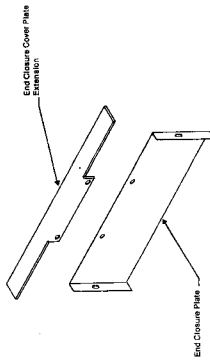
SQUARE D.

WALL TRENCH INSTALLATION INSTRUCTION

NOTE:

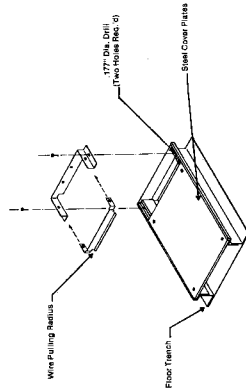
1. Initial review in accordance with Article 960 and applicable parts of Article 900 in the NEC.
2. Power conductors must be derated in accordance with Note 8 to Tables 310-16 through 310-19 in the NEC.
3. Control circuits need not be derated. See exception number 1 to above mentioned Note 8.

Installation should start from the floor trench vertical elbow.



END CLOSURE ASSEMBLY

The end closure is an assembly of two items, the end and closure plate and the cover plate extension. For surface mounted applications, the cover plate extension can be discarded. The extension is to be used on flush mounted installation. Each straight length for a flush installation has a 1" cover flange on each side of the length to overlap the wall. This overlap covers the gap between the tub trough and all the material. The extension on the end and closure adds this 1" overlap feature to the end of the trough.



FLOOR TRENCH VERTICAL ELBOW

The floor trench vertical elbow is to be installed on the last 3.75" of the floor trench. The 1/4" thick steel floor trench cover stops 3.75" from the end of the trench. Contractor is to drill two .177" dia. holes in the aluminum floor rail, using elbow as a template, for mounting purposes.

Page 1

45121-20701

page 4

BACK

MOUNTING OF WALL TRENCH

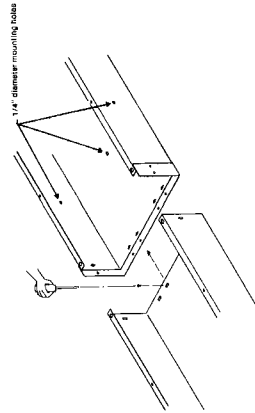
1/4" diameter holes are provided in back and sides for mounting.

1. Surface mounted duct should be mounted with screws through back and into structure.
2. Flush mounted duct should be mounted with screws through sides and into framing members.

NOTE: NEC requires a maximum of four foot space between hangers.

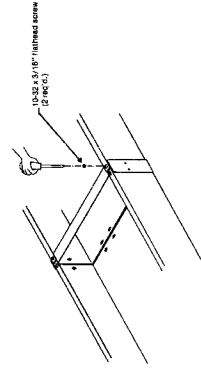
Devices are to be bolted together using the coupling devices furnished.

All runs should be assembled (less cover plates) before any required wiring is started.



1/1" clearance holes

There will be times when a straight length will be field cut to meet job conditions. This means the coupler *across* holes must be field fabricated. The required data is shown in the above illustration. (Use coupler as template for hole placement).



TYPICAL JOINT CONNECTION

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Each straight length and fittings have a three sided, wrap around coupling device factory assembled to the tub. To couple another tub, slide the tub together and bolt together using the 0.32 x 3/4" screws provided. The screws are to be installed from the inside of the tub as illustrated.

page 2

WIRE RETAINER INSTALLED

The joint between each straight length is provided with a wire retainer. The retainer is inspired as shown in the illustration.

During the cover installation if a gap in excess of $1/8''$ occurs, the wire retainer must be installed to cover the gap.

page 3

17.00

FOLD ALONG DOTTED LINE

NOTES:

- 1) BLACK LETTERS ON WHITE BACKGROUND
- 2) ALL LETTERS TO BE WELL BALANCED AND SYMMETRICAL.
- 3) VENDOR TO SUBMIT SAMPLES FOR APPROVAL

45123-207-01

SCALE 1/4"	ORIGIN INS.	DATE 2/4/83	C.D. GWH1 C209	 SQUARE D COMPANY OXFORD, OHIO USA
TITLE DSTR SHEET				
USED ON WALL TRENCH				D45123-207
SAWTOOTH WHITE PAPER				