



NOTE: FOR LOCATION OF SECTION A-A AND B-B, SEE SHEET 1 OF 2

### ANCHOR FOR 15' FIBERGLASS DUCT

NUMBER OF DUCTS WIDE											
PART	NO.	1	2	3	4	5	6				
REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH
A	1	8.72	1	15.44	1	22.16	1	28.88	1	35.59	1
B	1	12.72	1	19.44	1	26.16	1	32.88	1	39.59	1
C	2	27.42	2	27.42	2	27.42	2	27.42	2	27.42	2
D	0	-	1	10.72	2	10.72	5	10.72	2	10.72	2
E	2	5.72	3	5.72	4	5.72	5	5.72	6	5.72	7
TOTAL WEIGHT	Lbs.	8.8	11.4	13.9	16.8	19.0	21.8	24.4	27.0	29.6	32.2
A	2	8.72	2	15.44	2	22.16	2	28.88	2	35.59	2
B	1	12.72	1	19.44	1	26.16	1	32.88	1	39.59	1
C	2	33.63	2	33.63	2	33.63	2	33.63	2	33.63	2
D	0	-	1	16.95	2	16.95	4	16.95	5	16.95	5
E	4	5.72	6	5.72	8	5.72	10	5.72	12	5.72	14
TOTAL WEIGHT	Lbs.	11.5	15.3	19.3	23.4	27.0	30.3	33.6	36.9	40.2	43.5
A	2	8.72	2	15.44	2	22.16	2	28.88	2	35.59	2
B	2	12.72	2	19.44	2	26.16	2	32.88	2	39.59	2
C	2	41.38	2	41.38	2	41.38	3	41.38	3	41.38	3
D	0	-	1	24.67	3	24.67	4	24.67	5	24.67	5
E	6	5.72	9	5.72	15	5.72	18	5.72	21	5.72	24
TOTAL WEIGHT	Lbs.	14.0	19.3	24.9	30.3	34.3	40.5	44.5	48.5	52.5	56.5

NOTE: HANGERS ARE PRE-ASSEMBLED

PART A 1/2" X 2" FIBERGLASS PLATE  
 PART B 2" X 2" FIBERGLASS SQUARE TUBING 1/4" WALL  
 PART C 3/4" 10 UNC THREADED STEEL HANGER, RODS, NUTS AND WASHERS, HOT DIPPED GALVANIZED (HDS) OR ZINC PLATED.  
 PART D INTERMEDIATE RODS: 3/4" 10 UNC THREADED STEEL RODS, NUTS AND WASHERS, HOT DIPPED GALVANIZED (HDS) OR ZINC PLATED

ANCHOR FOR 6" FIBERGLASS DUCT											
PART	NO.	1	2	3	4	5	6				
REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH
A	1	9.76	1	17.52	1	25.28	1	33.04	1	40.80	1
B	1	13.76	1	21.52	1	29.28	1	37.04	1	44.80	1
C	2	28.13	2	28.13	2	28.13	2	28.13	2	28.13	2
D	0	-	1	11.13	3	11.13	4	11.13	5	11.13	5
E	2	6.76	3	6.76	5	6.76	6	6.76	7	6.76	7
TOTAL WEIGHT	Lbs.	9.4	12.2	14.9	17.7	20.5	23.3	26.1	28.9	31.7	34.5
A	2	9.76	2	17.52	2	25.28	2	33.04	2	40.80	2
B	1	13.76	1	21.52	1	29.28	1	37.04	1	44.80	1
C	2	35.39	2	35.39	2	35.39	2	35.39	2	35.39	2
D	0	-	1	18.39	3	18.39	4	18.39	5	18.39	5
E	4	6.76	6	6.76	10	6.76	12	6.76	14	6.76	16
TOTAL WEIGHT	Lbs.	12.1	16.4	20.7	25.1	29.6	33.9	38.3	42.7	47.1	51.5
A	2	9.76	2	17.52	2	25.28	2	33.04	2	40.80	2
B	2	13.76	2	21.52	2	29.28	2	37.04	2	44.80	2
C	2	44.1	2	44.12	2	44.12	3	44.12	3	44.12	3
D	0	-	1	27.12	3	27.12	4	27.12	5	27.12	5
E	6	6.76	9	6.76	12	6.76	15	6.76	18	6.76	21
TOTAL WEIGHT	Lbs.	15.3	21.3	26.7	32.7	38.3	44.3	50.3	56.3	62.3	68.3

### BASE ANCHOR FOR 5" FIBERGLASS DUCT

NUMBER OF DUCTS WIDE											
PART	NO.	1	2	3	4	5	6				
REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH
A	1	22.1	1	39.2	1	56.4	1	73.6	1	90.8	1
B	1	32.3	1	49.4	1	66.6	1	83.8	1	101.0	1
C	2	33.9	2	33.9	2	33.9	2	33.9	2	33.9	2
D	0	-	1	10.33	2	10.33	3	10.33	4	10.33	4
E	2	5.72	3	5.72	4	5.72	5	5.72	6	5.72	7
TOTAL WEIGHT	Lbs.	5.6	8.1	10.6	13.1	15.7	18.2	20.7	23.2	25.7	28.2
A	2	12.72	2	19.44	2	26.16	2	32.88	2	39.59	2
B	2	19.97	2	19.97	2	19.97	2	19.97	2	19.97	2
C	2	27.94	2	27.94	2	27.94	2	27.94	2	27.94	2
D	0	-	1	24.94	2	24.94	3	24.94	4	24.94	4
E	6	5.72	9	5.72	12	5.72	15	5.72	18	5.72	21
TOTAL WEIGHT	Lbs.	11.1	16.2	21.7	27.1	32.5	37.9	43.3	48.7	54.1	59.5

BASE ANCHOR FOR 6" FIBERGLASS DUCT

NUMBER OF DUCTS HIGH											
PART	NO.	1	2	3	4	5	6				
REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH	REQ'D	LENGTH
A	1	9.76	1	17.52	1	25.28	1	33.04	1	40.80	1
B	1	13.76	1	21.52	1	29.28	1	37.04	1	44.80	1
C	2	14.13	2	14.13	2	14.13	2	14.13	2	14.13	2
D	0	-	1	11.13	2	11.13	3	11.13	4	11.13	4
E	2	6.76	3	6.76	4	6.76	5	6.76	6	6.76	7
TOTAL WEIGHT	Lbs.	5.9	8.6	11.3	14.0	16.7	19.4	22.1	24.8	27.5	30.2
A	2	9.76	2	17.52	2	25.28	2	33.04	2	40.80	2
B	1	13.76	1	21.52	1	29.28	1	37.04	1	44.80	1
C	2	21.39	2	21.39	2	21.39	2	21.39	2	21.39	2
D	0	-	1	18.39	2	18.39	3	18.39	4	18.39	4
E	4	6.76	6	6.76	8	6.76	10	6.76	12	6.76	14
TOTAL WEIGHT	Lbs.	8.6	13.9	18.2	22.6	26.9	31.3	35.7	40.1	44.5	48.9
A	2	9.76	2	17.52	2	25.28	2	33.04	2	40.80	2
B	2	13.76	2	21.52	2	29.28	2	37.04	2	44.80	2
C	2	30.15	2	30.15	2	30.15	2	30.15	2	30.15	2
D	0	-	1	27.15	2	27.15	3	27.15	4	27.15	4
E	6	6.76	9	6.76	12	6.76	15	6.76	18	6.76	21
TOTAL WEIGHT	Lbs.	11.5	17.7	23.9	30.1	36.3	42.5	48.7	54.9	61.1	67.3

THIS SHEET FOR DESIGN INFORMATION ONLY. NOT TO BE INCLUDED IN CONTRACT PLANS  
 PLATE 2.3 - 2

SUBJECT		TYPICAL HANGER INSTALLATION OF 5" OR 6" FIBERGLASS CONDUITS FOR STEEL GIRDER BRIDGES	
APPROVED BY	C. FUEHRER	CHECKED	R.P.
DATE	11/09/22	SCALE	NONE
DRAWING NUMBER	DU-24-S-15346-2	TITLE	Typ. O.P. Eng'g. & Design
PUBLIC SERVICE ELECTRIC AND GAS COMPANY	DISTRIBUTION SYSTEMS/ELECTRIC BUSINESS UNIT	SHEET 2	OF 2 SHEETS