

NSWC
12' Modified R2 Container
Concept #1

A	C	D
1	SECT	
2	NEW 20' x 8'6" x 8'0" STEEL DRY FREIGHT ISO CONTAINER WITH CARGO DOORS ON BOTH ENDS SB862.6	
3	Standard with (8) ISO corner fittings	
4	0 MAJOR STRUCTURAL CHANGE TO CONTAINER	
5	Change container length to 8' OAL	
6	Change Container width to 12' OAL	
7		
8	1 FRONT END MODIFICATIONS	
9	Cutout, frame & reinforce (1) each opening for NSWC louver: Approximately 39" wide x 68.9" high. Frame with 2" x 2" x .12" Steel Tube. with floating threaded inserts to be match drilled along the centerline of the outside surface of the frame.	
10	Supply & install (6) each SB5700	
11		
12	2 REAR END MODIFICATIONS	
13	Remove Cargo Doors and replace with corrugated steel	
14	Cutout, frame & reinforce an opening for a 22" wide x 40" high frame (2"x2"x.12 Steel Tube) with water tight hinged door.	
15	Cutout, frame & reinforce a opening for a 18" wide x 12" high frame (1"x1"x.12 Steel Tube) with water tight hinged door.	
16	Cutout, frame & reinforce an opening for a 29.8" wide x 68.9" high frame (2"x2"x.12 Steel Tube) with floating threaded inserts to be match drilled along the centerline of the outside surface of the frame.	
17		
18	3 CURBSIDE WALL MODIFICATIONS OR CUTOUTS	N/A
19	4 ROADSIDE WALL MODIFICATIONS OR CUT OUTS	N/A
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21		
22	5 ROOF MODIFICATIONS OR CUT OUTS	
23	Cutout, frame & reinforce a 28" wide x 137" long section of roof.	
24	Frame per plans with 5" x 2" x .12 Steel tube for Fans and Coil Rails.	
25	Cut (8) notches in each of the (2) fans	
26	6 FLOOR MODIFICATIONS	N/A
27		
28	7 INTERIOR WALLS & CEILING, INSULATION & LININGS	
29	Supply & install SBI standard insulation package in a custom container, which consists of 1 1/2" foam insulation, 3/8" plywood with white textured plastic lining	
30	Install unistrut vertically on the walls at 16" CL intervals.	
31	Install unistrut lengthwise on the ceiling at 16" CL intervals.	
32	Supply & install bridging straps and (1) fan frame which will consist of 2" square tubing, 5" x 2" tubing and 3" x 2" tubing	
33	Supply & install coil rails.	

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34	8	INTERIOR PARTITION WALLS & DOORS	
35		Fabricate & install (1) each partition wall, with 2" of SBI Insulation	
36		Cutout, frame & reinforce (1) 15" wide x 36" high for removable I/O panel.	
37		Cutout, frame & reinforce (1) 36" wide x 24" high for removable I/O panel.	
38		Cutout, frame & reinforce (1) 8" wide x 8" high for removable I/O panel.	
39		Drill (2) holes for Hansen 6-HKP interface.	
40		Drill (2) holes for Hansen 20-HKP interface.	
41		Drill (2) holes for Hansen 4-HKP interface.	
42		Drill (2) holes for refrigeration lines.	
43		Drill (1) hole for 480 volt power connection.	
44		Drill (1) hole for 120 volt power connection.	
45			
46	9	HEATING, VENTILATION, & AIR CONDITIONING SYSTEMS (HVAC)	N/A
47	9.1	DUCT WORK & FIRE DAMPERS	N/A
48	10	ELECTRICAL & LIGHTING SYSTEMS	N/A
49	10.1	COMMUNICATIONS, CONTROL & ALARM WIRING SYSTEM	N/A
50	11	SAFETY FEATURES, SMOKE DETECTORS, FIRE SYSTEMS	N/A
51	12	BATH OR KITCHEN APPLIANCES, PLUMBING & DRAIN SYSTEMS	N/A
52	13	FURNITURE & BUILT-IN SHELVES & CABINETS	N/A
53			
54	13.1	INSTALL CUSTOMER'S EQUIPMENT	
55		Install fans provided by A&A Refrigeration after modification	
56		Install fans covers provided by NSWC Dahlgren	
57		Install fans cover pin receivers provided by NSWC Dahlgren	
58		Install louvers provided by NSWC Dahlgren	
59		Install fitting provided by NSWC Dahlgren	
60		Install electrical connectors provided by NSWC Dahlgren	
61			
62	13.2	LOOSE EQUIPMENT, JACKS TWISTLOCKS, LIFTING LUGS, ETC.	N/A
63			
64	14	PAINTING SPECIFICATIONS & MARKINGS - INTERIOR & EXTERIOR	
65		Brush Blast (needed areas)	
66		New exterior Marine grade paint on walls & roof - color: TBD	
67			
68	15	QUALITY INSPECTION, TESTING, DATA, DRAWINGS AND CUSTOMER DESIGN & REVIEW MEETINGS	
69		Quality check all features.	
70		General Arrangement Drawings	