<u>Design Criteria</u> SQUARE FOOTAGE: OCCUPANCY LOAD: 705 SF 25 PSF FLOOR DEAD LOAD: 50 PSF FLOOR LIVE LOAD: ROOF DEAD LOAD: 8 PSF VIN# RP9LT6048BA028157 SNOW LOAD: 60 PSF 90 MPH WIND SPEED. 23,500 lbs Building Weight: FRAME - OUTRIGGER M12X10.8 MAIN I-BEAM: MIZATU. © ANGLE & ROD AND 13GA FORMED STEEL OUTRIGGER @ 48" O.C. SOLID REAR CROSSMEMBERS AND RECESSED TAIL LIGHTS CROSSMEMBER: NOTE: DETACHABLE W/ 2 5/16" CUP AND JACK 4 W/BRAKES, 6-MULTI-LEAF SPRINGS OVERSLUNG (DUAL TANDEM ASSEMBLY) AXLES: NOTE: 82 1/2" SPRING CENTERS MIN 3 MIL BLACK ASPHALT FRAME TIES, IF REQUIRED, ON SITE BY OTHERS TIRES: PAINT: TIE DOWNS: FLOOR - TRANSVERSE BOTTOM BOARD: INSULATION: WOVEN PLASTIC INSULATION SUPPORT CSA R-20 UNFACED FIBERGLASS 2X6 #2 SPF EQUAL OR BETTER @ 16" O.C. (TRANSVERSE) 2X6 #2 SPF EQUAL OR BETTER RIM JOIST: 1ST LAYER 5/8" T&G PLYWOOD 16" O.C. MIN. SPAN INDEX VINYL ROLL GOODS (CLASS B/2 F.S.) WOOD PLANK LOOK (COLOR = COGOLEUM 9451 DIAMOND FLOOR) COVERING: EXTERIOR WALLS 2X6 STUD GRADE SPF EQUAL OR BETTER @ 16" O.C. SINGLE 2X6 #2 SPF EQUAL OR BETTER DOUBLE 2X6 #2 SPF EQUAL OR BETTER STUDS: BOTTOM PLATE: WALL HEIGHT: 1/2" VCG (CLASS A/1 F.S.) WALL COVERING: (COLOR = WINDSONG) CSA_R-20 UNFACED FIBERGLASS BATTS INSULATION: SHEATHING: HOUSEWRAP UNDER SIDING SHEATHING: SMT 29 GA MESA STEEL SIDING (COLOR = CRIMSON RED) SMT 29 GA MESA STEEL SIDING (COLOR = BRILLIANT) TRIM: INTERIOR WALLS 2X4/2x6 STUD GRADE SPF EQUAL OR BETTER @ 16" O.C. STUDS: BOTTOM PLATE: SINGLE 2X4/2x6 #3 SPF EQUAL OR BETTER TOP PLATE(S): DOUBLE 2X4/2x6 #3 SPF EQUAL OR BETTER 8' -0" / 1/2 WALL PER SHEET A2 1/2" VCG (CLASS A/1 F.S.) WALL HEIGHT: WALL COVERING: (COLOR = WINDSONG) WHITE WOOD PROFILES @ WINDOWS AND DOORS VINYL BATTENS AT TOP, VERTICAL SEAMS, INSIDE AND OUTSIDE CORNERS 4" VINYL COVE BASE (6" IN RESTROOM) (COLOR = TOFFEE P182) TRIM ROOF BOW TRUSSES @ 16" O.C. W/60# LIVE LOAD 14" HEEL X 15 1/2" CROWN 11' - 6" LONG TRUSS# T2621432 18" HIGH 29 GA MESA STEEL SIDING RAFTERS: MANSARD (COLOR = BRILLIANT) 1/2" PREFINISHED GYPSUM(CLASS A/1 F.S.) USE 1/4" VC PANELING (RUFF STUFF) TO COVER PLUMBING SOFFIT CHASE CEILING PANEL: INSULATION: R-30 INSULATION 7/16" OSB 16/0 SPAN SHEATHING: .045 BLACK EPDM RUBBER ROOF FULLY ADHERED POWERED SCREENED GABLE VENT TO ACTIVATE @ 60% RELATIVE HUMIDITY ROOF VENTING: ROOF VENTING: NON-POWERED SCREENED GABLE VENT (8X8) (VENT COLOR = CRIMSON RED) K-60 J-RAIL **GUTTERS** EXTERIOR DOORS 36X80 CHALLENGER INS/STEEL DOOR W/WOOD JAMBS, 15 SAFETY GLAZED LITE KIT, WEATHER STRIPPING, H/C THRESHOLD (U=. 39) TELL CLOSER #12641BC PA AL TELL DEADBOLT #DB2051 US32 SINGLE CYLINDER, GRADE 2 TELL #LC2481CTL 26D KEYED ENTRY LEVER, GRADE 2 HARDWARE: HARDWARE: HARDWARF. 72X80 CHALLENGER INS/STEEL DOOR W/WOOD JAMBS, 15 SAFETY GLAZED LITE KIT, WEATHER STRIPPING, H/C THRESHOLD (U=. 39)(1-DOOR INACTIVE W/SIDEBOLTS & PUSH/PULL PLATE) TELL CLOSER #12641BC PA AL TELL DEADBOLT #DB2051 US32 SINGLE CYLINDER, GRADE 2 HARDWARE: HARDWARE: TELL #LC2481CTL 26D KEYED ENTRY LEVER, GRADE 2 ALL TO BE KEYED ALIKE TO #562454 HARDWARE (COLOR = CRIMSON RED) INTERIOR DOORS 36X80 PREFINISHED EMBOSSED SIX PANEL HOLLOW CORE SNOW WHITE DOOR W/ BALL BEARING HINGES JAMBS: WHITE WOOD JAMBS TELL PASSAGE #LS707PS-BSN LEVER SET AND FLOOR MOUNT DOOR STOP 36X80 PREFINISHED EMBOSSED SIX PANEL HOLLOW CORE SNOW WHITE DOOR W/ BALL BEARING HINGES WHITE WOOD JAMBS TELL PRIVACY #LS707PV-BSN LEVER SET AMD FLOOR MOUNT DOOR STOP ONE SPRING HINGE ON RESTROOMS AND SHOWER ROOM DOOR 24X80 PREFINISHED EMBOSSED SIX PANEL HOLLOW CORE SNOW WHITE DOOR W/ BALL BEARING HINGES JAMBS: HARDWARE: NOTE JAMBS:

WHITE WOOD JAMES

HARDWARE:

TELL PASSAGE #LS707PS-BSN LEVER SET FLOOR MOUNT DOOR STOP

APPROVED FOR PRODUCTION

WINDOWS

EXTINGUISHER:

IF REQUIRED BY OTHERS AT SITE

Armstrong Trailers 12 x 64 Lunch Room 11'-9" x 60'-0" Actual Size

```
VIWINTECH G2255 36 X60 36X45 FIXED GLASS OVER 36X15 HORIZONTAL SLIDER W/DIG,
                                 WHITE VINYL FRAME, MINIBLINDS (COLOR=WHITE) SAFETY GLASS, BUG SCREEN AND PVC BRICK MOLD
                                VIWINTECH G2255 30X27 HORIZONTAL SLIDER W/DIG, WHITE VINYL FRAME, MINIBLINDS (COLOR=WHITE)BUG SCREEN AND PVC BRICK MOLD (U=.655 SHGC=.582)
     2:
ELECTRICAL
                                 ALL ELECTRICAL TO MEET CSA STANDARDS
                                 120/240V SINGLE PHASE, 3 WIRE, 60HZ W/GROUND
24 CIRCUIT WITH MAIN 100AMP BREAKER CQ0124M125C100
     SERVICE:
     LOAD CENTER:
                                 1 1/2" EMT CONDUIT STUB THRU SIDEWALL
MIN. #14 AWG NM UP TO 40A. > 40A IN SE TYPE WIRE. (CSA)
     ENTRANCE:
      RACEWAY:
                                 4' 2 T8-TUBE FLUORESCENT W/DIFFUSER AND ELECTRONIC BALLAST W/LUMINAIR DISCT. 75W WEATHERPROOF EXTERIOR LIGHTS VR1
     LIGHTS: 9
EXTERIOR LIGHT 2
                                 COMBO DUAL BULB FLOOD LIGHT & EXIT LIGHT W/BATT BACKUP #LPXH70RWHDH (1) CEILING MOUNT
     EM-LIGHTS
                                 VENTLINE 100 CFM EXHAUST FAN/LT COMBO # V2244-100 W/13W FLUORESCENT BULB LOSONE 300-CFM LOSONE EXHAUST FAN #L300
     EXHAUST FAN:
     EXHAUST FAN:
                                 W/ RVGL50 ROOF CAP FOR ABOVE FANS
CSA RECEPTS AND SWICHES TO BE GROUNDED TO BOX
         NOTE:
                                 120V 15A IVORY DUPLEX GROUNDING TYPE
120V 15A IVORY DUPLEX GFCI PROTECTED
120V 15A IVORY DUPLEX GFCI PROTECTED, WP FOR HEAT TAPE
     RECEPTACLES:
                                 120V 20A IVORY DUPLEX GROUNDING TYPE (DEDICATED)
                                 120V 15 AMP IVORY TOGGLE TYPE
120 VOLT SMOKE DETECTORS WIRED IN SERIES W/BATTERY BACK UP
     SWITCHES:
     MISC:
PLUMBING
                                 TYPE L COPPER (PRESSURE REGULATOR VALVE SUPPLIED BY OTHERS AT SITE) MANIFOLDED IN SOFFIT ALONG CEILING
     SUPPLY LINES:
         NOTE:
     WASTE LINES:
NOTE:
                                 SCHEDULE 40 PVC
                                  MANIFOLDING BELOW FLOOR AND ACROSS MATE LINES TO BE BY OTHERS AT SITE
                                 VENT(S) MAY NEED TO BE FINISHED ON SITE BY OTHERS DUE TO SHIPPING REQUIREMENTS 240V, 40GAL WATER HEATER W/PAN AND DISCONNECT
     NOTE:
WATER HEATER:
                                 H/C TYPE, WHITE W/ELONGATED BOWL AND OPEN FRONT SEAT W/1.6GAL FLUSH TANK
     WATER CLOSET:
                                 WHITE W/ELONGATED BOWL AND OPEN FRONT SEAT W/1.6GAL FLUSH TANK
H/C TYPE, 20X18 WHITE WALL MOUNT W/H/C FAUCET
     WATER CLOSET:
     I AVATORY.
                                 19X17 WHITE WALL MOUNT W/FAUCET
     LAVATORY:
                                 INSULATE P-TRAP & SUPPLY LINES ON H/C LAVS, ALSO COVER VALVES
         NOTE:
                                 HOT WATER TEMPERING VALVE PER ASSE 1016 AND/OR 1070 33X22 DOUBLE BOWL STAINLESS STEEL W/1-HANDLE FAUCET
         NOTE:
     SINK
     FLOOR DRAIN:
                                 3" FLOOR DRAIN W/ SHIP LOOSE TRAP SEAL PRIMER
                                 (TRAP SEAL PRIMER INSTALLED BY OTHERS AT SITE)
H/C WALL MOUNT TYPE W/INTEGRAL DRAIN AND FLUSH VALVE
        NOTE:
     URINAL:
                                 WALL MOUNT TYPE W/INTEGRAL DRAIN AND FLUSH VALVE
                                 H/C 36X36 FIBERGLASS RECEPTOR W/WRAP AROUND AND 18" VERTICAL GRAB BARS, SEAT (SHOWER TO CONFORM TO ANSIZ124. 1 AND ASTME-162 )
     SHOWER:
         NOTF:
     MISC:
                                 SETS GRAB BARS (1) 24", AND (1) 30" DIAGONAL, 1 1/2 DIAMETER" SETS GRAB BARS (1) 12" VERTICAL AT URINAL
                                 18X36 MIRROR WITH STAINLESS STEEL FRAME
T.P. DISPENSER (2 ROLL) #BB2888
                                 24 OZ LIQUID SOAP DISPENSER #BB155
HAND DRYER EHD-501
     PARTITIONS:
                                 H/C MODESTY PARTITIONS W/COAT HOOK
                                 18"X49" URINAL BLIND
                                 (COLOR = GREY)
HVAC
                                 67,500\ \mbox{BTU} GAS HEAT IN WALL HUNG UNIT (FUEL LINES BY OTHER AT SITE) SHIP LOOSE LP CONVERSION KIT
     HEATING:
                                 3-TON 240/208V SINGLE PHASE BARD WALL HUNG UNIT W/WGCRVS-5A
     COOLING:
         NOTE:
                                 FOR 208V SERVICE, CHANGE LOWVOLTAGE TAP TO 208
         NOTE:
                                 (COLOR = BEIGE)
                                 BARD DIGITAL NON-PROGRAMMABLE #8403-057
FIBERGLASS 16" X 6" IN ROOF FOR S/A (CONSTRUCTED TO SMACNA STANDARDS)
FIBERGLASS 16" X 6" IN ROOF FOR R/A (CONSTRUCTED TO SMACNA STANDARDS)
      THERMOSTAT
     DUCTS:
     DUCTS:
                                 10X10 WHITE W/ADJUSTABLE DAMPER IN CEILING.
10X10 WHITE REGISTERS IN CEILING TO FALSE LINED PLENUM WALL
7"X14" BOOT TO R/A DUCT IN PLENUM WALL
     DIFFUSERS:
      RETURN AIR:
     RETURN AIR:
SPECIALTIES
     COUNTERTOP:
                                 LFT OF 24" HPL COUNTER W/4@ BACKSPLASH
                                 (COLOR = BLACK PEARL ) WILSONART OR EQUAL
                                 MERILLAT BASE & OVERHEAD CABINETS (COLOR PAPRIKA)
UAB48 H/C SINK BASE W/ DOUBLE DOOR
      CABINETS:
     BASE CABINET:
                                 UAB36 H/C BASE W/ DOUBLE DOOR
     BASE CABINET:
     BASE CABINET: 2
                                 UAB18 H/C BASE W/ SINGLE DOOR
                                 9" TOE KICK COVER FOR H/C BASE CABINET
     WALL CABINET:
                                 W2424 OVERHEAD WALL CABINET W/ SINGLE DOOR W3624 OVERHEAD WALL CABINET W/ DOUBLE DOOR
     WALL CABINET: 1
                                  1" FILLERS PER SHEET A3
```

Building Notes:

- All materials are C and B Custom Modular's standards unless otherwise specified.
- Locate seals and data plate on face of electrical panel or units with no panel seals are to be above suspended
- ceiling cavity at hitch end. All door adjustments are on site by others.
- C and B Custom Modular Inc. is not responsible for local
- Separation distance shall be not less than 32.8ft (10m)
- unless otherwise permitted by the applicable Building Code. the building exterior and the facilities within the building shall be identified with the international symbol of
- accessibility. (Signage by others)

 Automatic Door opener(s) if required by others at site.
- The dealer/owner shall be responsible for on site barrier free provisions, i.e.: Steps, ramps, parking signs etc. per
- Ontario Building Code. Corrosion resistant flashing at top and sides of doors,
- windows and at roof penetrations shall be provided. Building shall not be located in areas that exceed those listed on the cover sheet design criteria.

	Drawing Index						
	Page						
	C1 Project Cover Sheet						
	A1	Building Elevation	s				
	A2	Production Floor	Plan				
	A3	Cabinet Elevations	3				
	E1	Production Electri	ical P	lan			
	S1 Blocking Points						
	S2 Cross Section / Details						
	S3-S5	Production Frame	, Floo	or and Roof	Fram	ing	Plans
	P1	DWV and Fresh V	Vater	Plumbing Sc	hema	tics	
ID		Revision	1				Date
		In	ln		In		
Scale: N/A		Drawn: Doug	Dat 09		Plot D		2011
	Numbers: 7269	Drawing Number: 1485		ĎWG File Name: 11–17269.d			
	oproval Numbers: QPS — Electric			Representitive: is Chadwick			

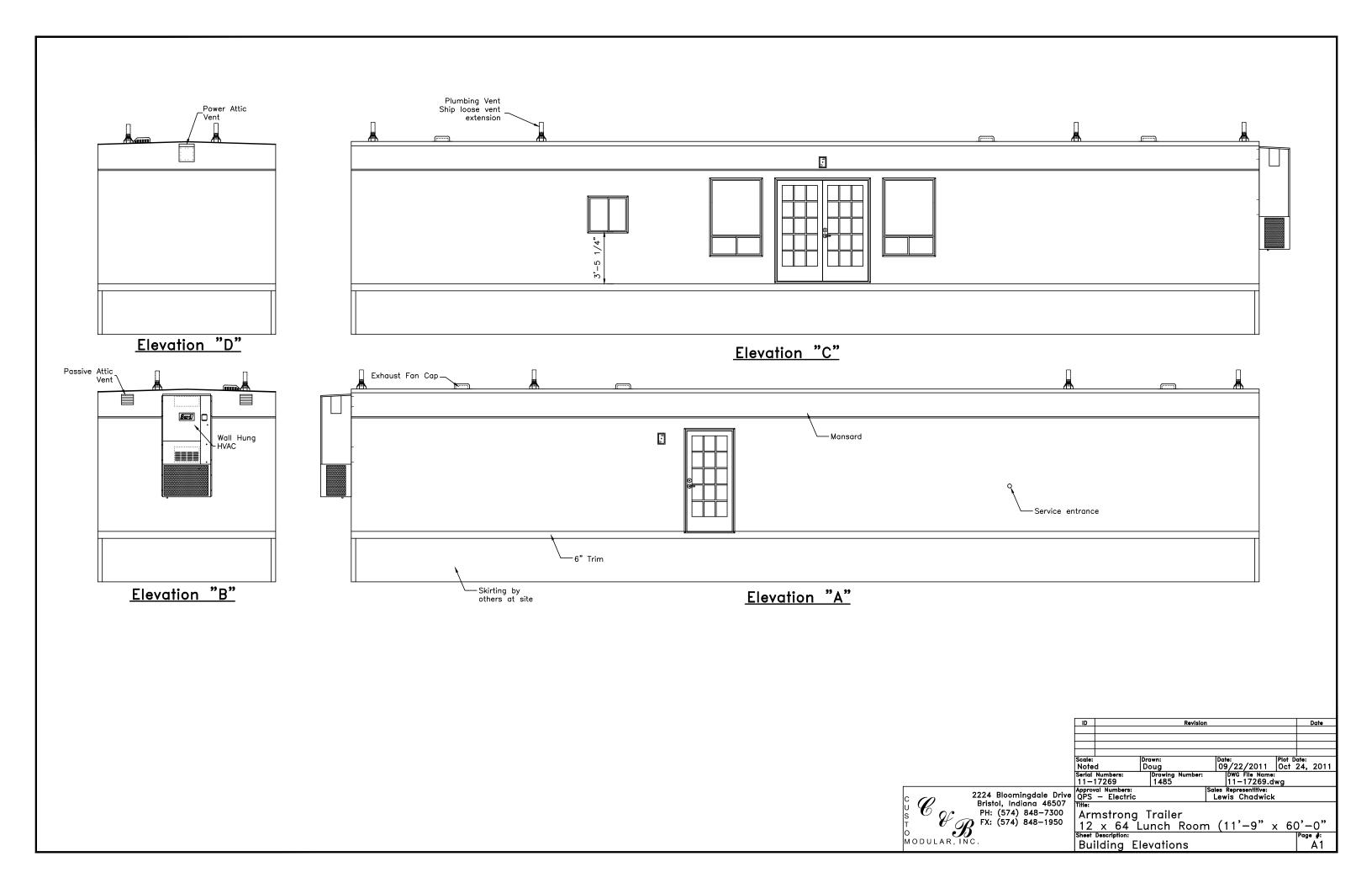
PH: (574) 848-1950 MODULAR, INC.

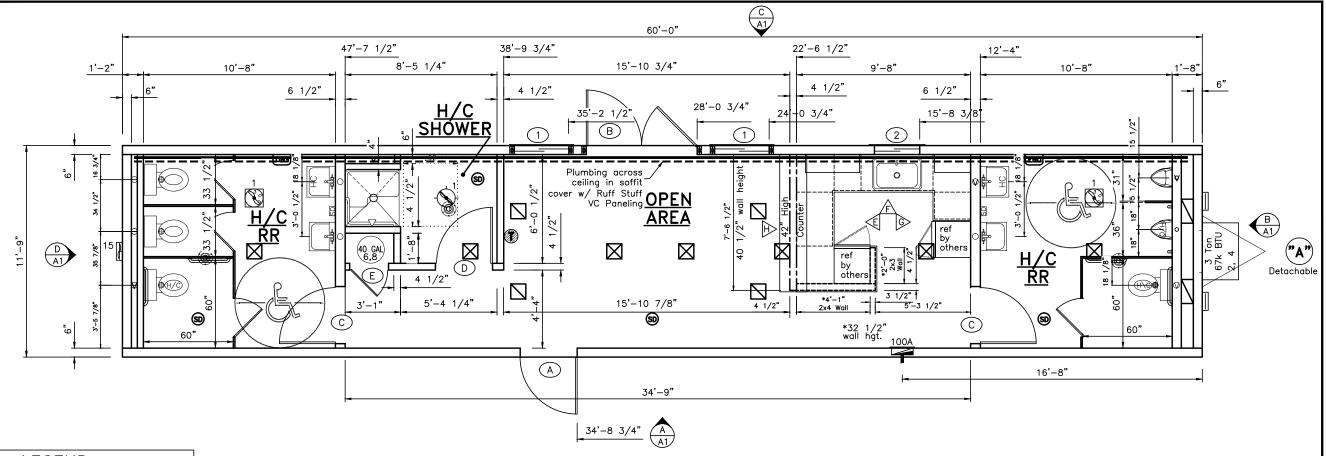
2224 Bloomingdale Drive QPS - Electric

Bristol, Indiana 46507

Armstrong Trailer 12 x 64 Lunch Room (11'-9" x 60'-0"

Building Cover Sheet



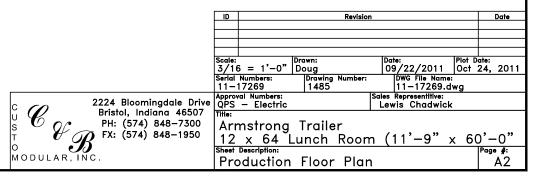


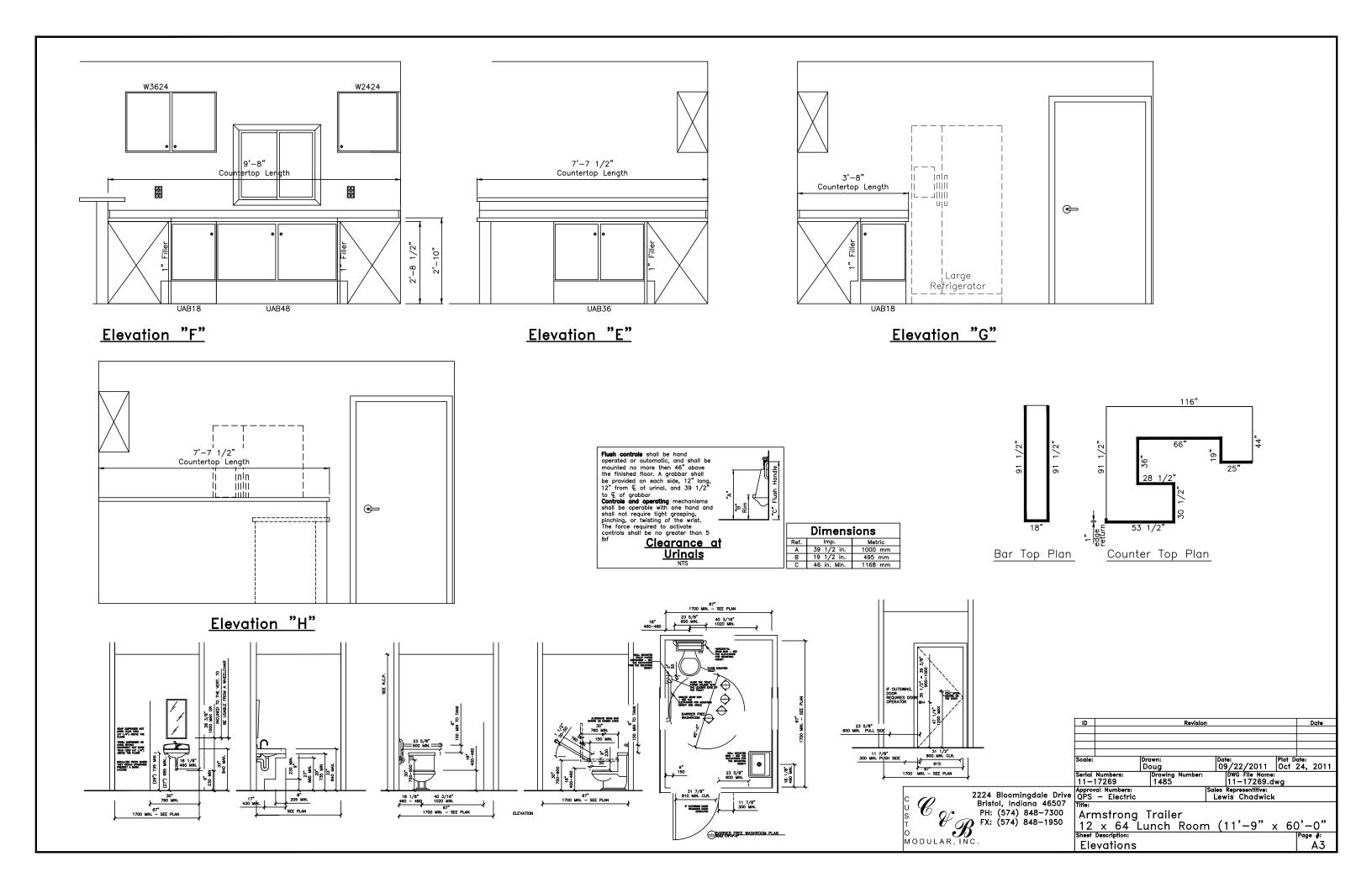
		DRAWING LEGEND
SYMBOL	QTY.	DESCRIPTION
	1	120/240 electric panel (+36" AFF to bottom of panel)
©	2	300 CFM exhaust fan
♦	1	100 CFM exhaust fan/lt combo w/13W flourescent bulb
3	1	Low voltage thermostat (+48" AFF to top)
7	1	Power gable vent
\boxtimes	7	10x10 white SA diffuser with adjustable damper.
	4	10x10 R/A grille through ceiling
	2	Gable vent

		DOOR, WINDOW AND OPENING	SCHEDULE	
SYMBOL	QTY.	DESCRIPTION	ROUGH OPENING	Header
A		Door: 36x80 Challenger ins/steel door w/15 sg—lite kit Frame:Wood Handle: Tell keyed lever — LC2481CTL 26D, Grade 2 /Tell Dead bolt (keyed alike) Closer:Tell 12641 Other: HC threashold, weather stripping, (U=.39)	38 x 81 1/4	(3) 2x4 #2 SPF on edge
В	1	Door: 72x80 Challenger ins/steel door w/15 sg—lite kit Frame:Wood Handle: Tell keyed lever — LC2481CTL 26D, Grade 2 /Tell Dead bolt (keyed alike) Closer: Tell 12641 Other: HC threashold, weather stripping, (U=.39) (1) door inactive w/sidebolt & push/pull plate	74 1/2 x 81 1/4 verify	(3) 2x6 #2 SPF on edge verify
С	2	Door: 36x80 prefinished snow white hollow core wood door Frame: white Wood Handle: Tell passage lever – LS707PS–BSN Closer: Spring hinge Other: Ball bearing hinges, floor mounted door stop, 6 panel	38 x 82	Non—Load bearing
D	1	Door: 36x80 prefinished snow white hollow core wood door Frame: white Wood Handle: Tell privacy lever – LS707PV-BSN Other: Ball bearing hinges, floor mounted door stop, 6 panel	38 x 82	Non—Load bearing
E	1	Door: 24x80 prefinished snow white hollow core wood door Frame: white Wood Handle: Tell passage lever – LS707PS-BSN Closer: Spring hinge Other: Ball bearing hinges, floor mounted door stop, 6 panel	26 x 82	Non—Load bearing
1	2	Window: Wintech G2255 36x60=36x45 window over 36x15 HS w/DIG, safety gla: Frame: Vinyl —White (U=.655 SHGC=.582) Acc. bug screen, 1" Miniblinds (Color — White) and PVC Brickmold	ss 36 1/4 x 60 1/4 up 20" A.F.F.	(3) 2x4 #2 spf on edge
2	1	Window: Wintech G2255 Horizontal Slider 30x27 w/DIG, Frame: Vinyl— White (U=.655 SHGC=.582) Acc. bug screen, 1" Miniblinds (Color — White) and PVC Brickmold	30 1/4 x 27 1/4 up 41 1/4" A.F.F.	(2) 2x6 #2 spf layed flat

Notes:

- All structural headers shall be glued, fastened and bear on
- (1) 2x4/6 jack stud #2 spf each side of opening.
 Doors, windows and openings on end walls do not require structural header because roof trusses carry the load.



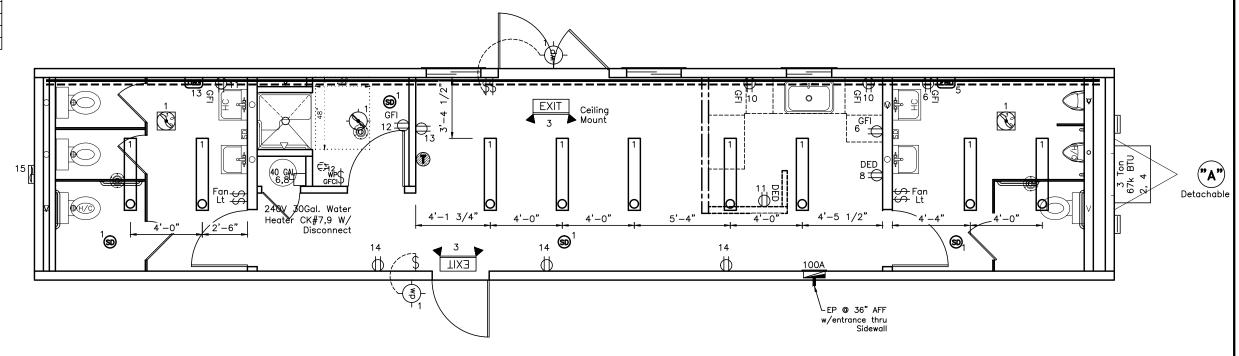


Wire Size Chart				
Breaker Size	Wire Size	Breaker Size	Wire Size	
15A	#14	80A	#4	
20A	#12	90A	#3	
30A	#10	100A	#3	
40A	#8	115A	#2	
50A	#8	130A	#1	
60A	#6	150A	1/0	



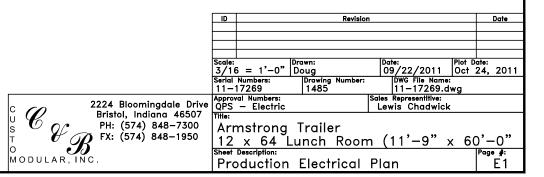
A 120/240v 1PH 60HZ PANEL 100A 2-pole breaker
1 1/2" EMT conduit
(3) #3 THW feeders
#8 GRND

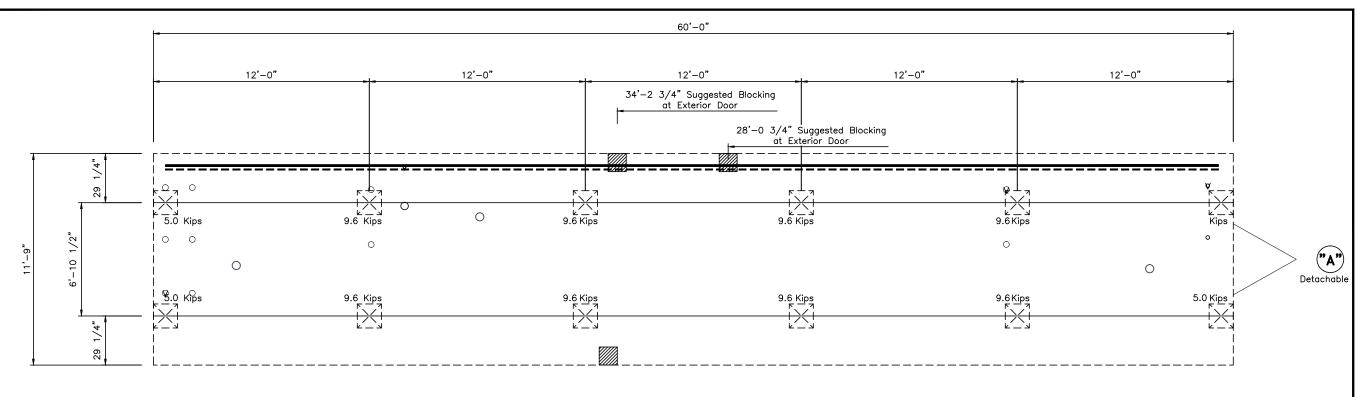
Electrical Riser <u>Diagram</u>



	DRAWING LEGEND					
SYMBOL	QTY.	DESCRIPTION				
	1	120/240 electric panel (+36" AFF to bottom of panel)				
	2	300 CFM exhaust fan				
\(\sigma\)	1	100 CFM exhaust fan/lt combo w/13W flourescent bulb				
(3)	1	Low voltage thermostat (+48" AFF to top)				
	1	Power gable vent				
€≯ WP GFCI	1	120V GFCI recept for heattape (below floor)				
0	4	120V ivory duplex grounding type (+18" AFF unless noted)				
⊕ DED	2	120V ivory duplex grounding type (Dedicated) (+18" AFF unless noted)				
GFI	6	120V ivory duplex GFCI protected (+42" AFF unless noted)				
\$	8	120V ivory toggle type (+42" AFF unless noted)				
	9	120V 4' (2) tube surface mount w/diffuser				
₩ p -	2	120v exterior weatherproof porch light				
SD	4	smoke detector 120v wire in series w/ batt back up				
EXIT	2	Emergency Flood/exit light combo (+88" AFF unless noted) (1) ceiling mount				

Module:	Α		Area s	erved	705 ft	705 ft Panel Voltage 240		240	
			Main E	3reaker	100A	Pai	nel Phase	1	
CKT#	Breaker	Description	QTY	Voltage	Wattage	Connected	Load	Calculated	Total
	size				per item	Load	Factor	load	
1	20 /1	Lights (2-tube)	9	120	71.2	640.8	1.25	801	
		Exhaust fan	2	120	90	180	1.25	225	
		Lighted Exhaust fan	1	120	130	130	1.25	162.5	1188.5
2,4	40 /2	3-ton, Bard	1	240	6240	6240	1.00	6240	6240
3		Emer. Exit/Flood combo	2	120	5	10	1.25	12.5	12.5
5	20 /1	Hand Dryer	1	120	1500	1500	1.00	1500	1500
6	20 /1	GFCI Recepts	2	120	180	360	1.00	360	360
7,9	30 /2	water heater	1	240	4500	4500	1.25	5625	5625
8	20 1	Ded Recept	1	120	500	500	1.00	500	500
10	15 1	GFCI Recepts	2	120	180	360	1.00	360	
11	20 1	Ded Recept	1	120	500	500	1.00	500	500
12	20 /1	GFCI Recepts	2	120	180	360	1.00	360	
		Heattape	1	120	450	450	1.25	562.5	922,5
13	20 /1	Hand Dryer	1	120	1500	1500	1.00	1500	1500
14	15 1	Recepts	3	120	180	540	1.00	540	540
15	20 /1	Gable Vent	1	120	130	130	1.00	130	130
						Total connec	ted load		19018.50
						Actual light lo	oad		963.50
						TCL - ACL			18055.00
						NEC LT load	factor	3.5	3084.38
						Total Load			21139.38
							Panel	l load amps	88.08





34'-8 3/4" Suggested Blocking at Exterior Door

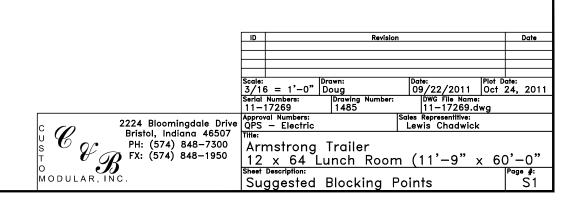
	1	DRAWING LEGEND		
SYMBOL	QTY.	DESCRIPTION		
[X]	12	Blocking up to main I—beam	SITE	WORK
	3	Blocking up to floor framing		

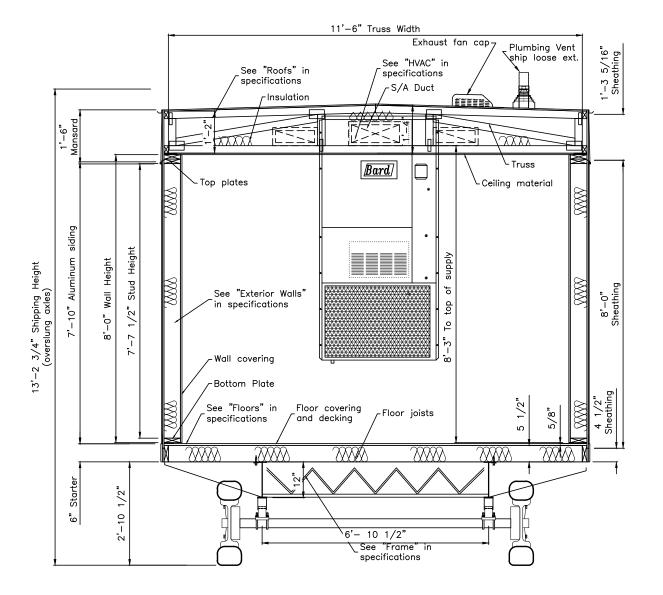
FOUNDATION NOTES

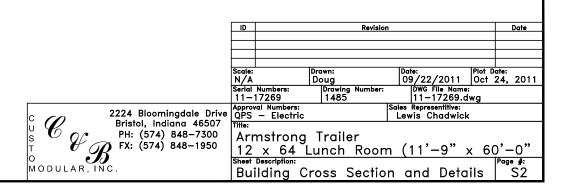
- This is a suggested plan only. Foundation to be designed by a professional engineer or registered architect per local soil and climate conditions in accordance with all applicable local and state
- codes..

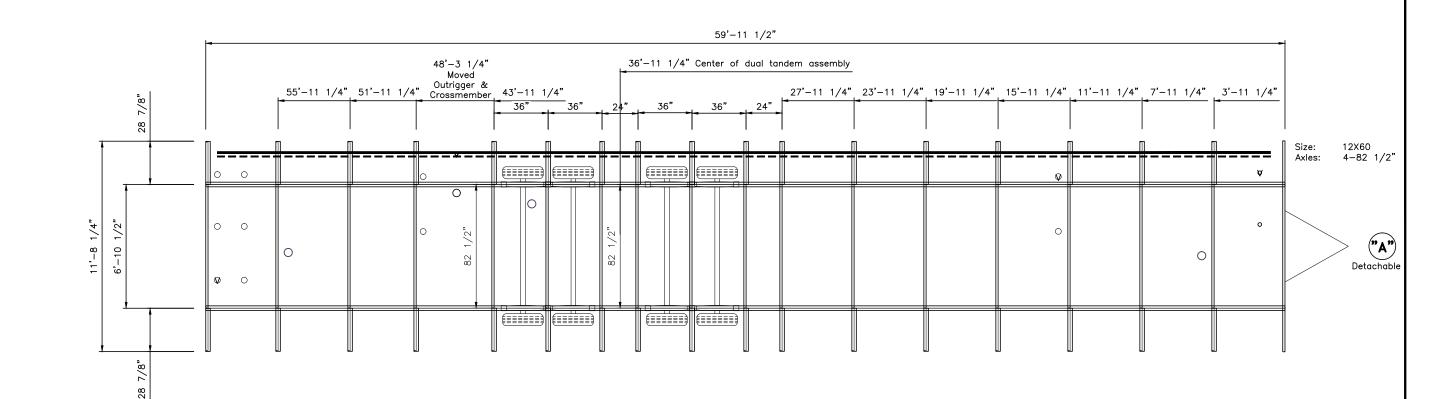
 C&B Custom Modular Inc. assumes no responsibility for actual foundation design and/or construction.

 Numbers adjacent to piers are vertical loads in

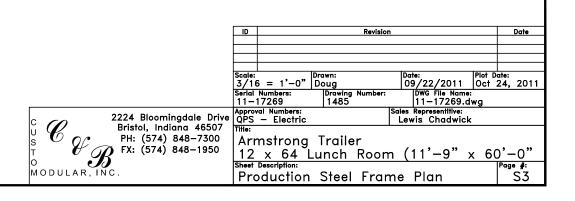


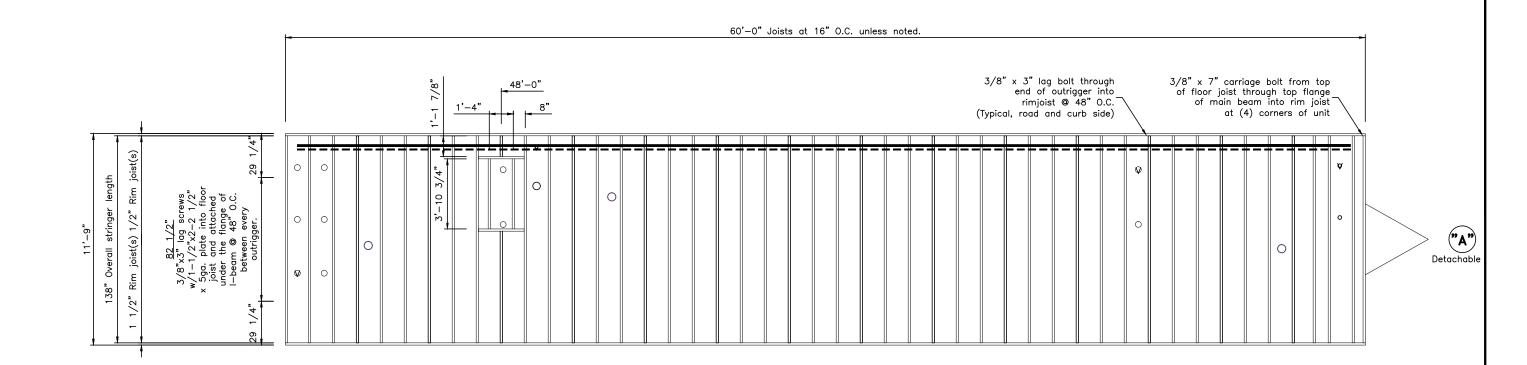




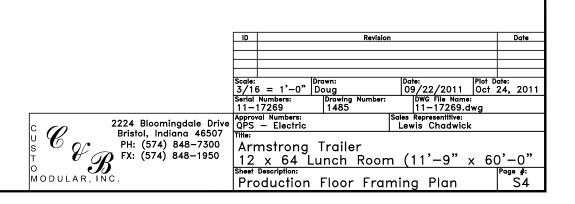


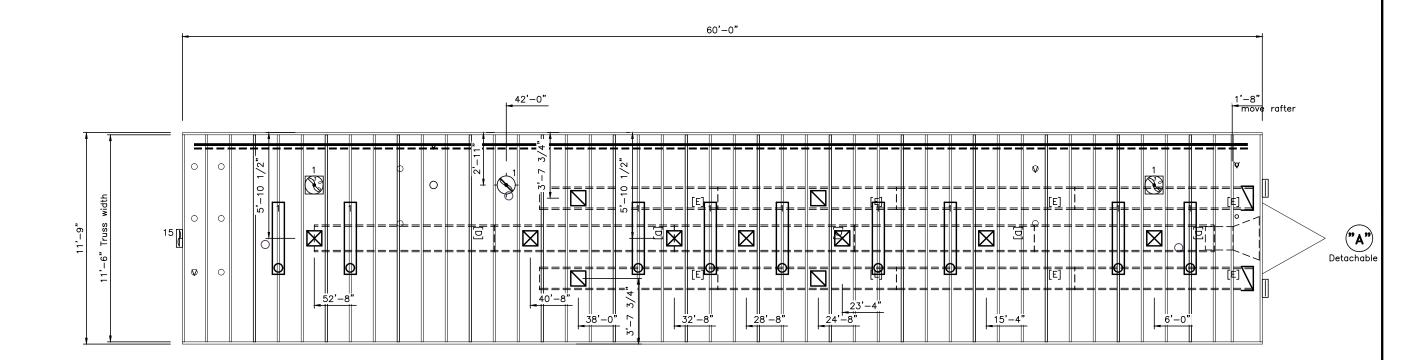
	1	DRAWING	LEGEND
SYMBOL	QTY.		DESCRIPTION





	1	DRAWING	LEGEND
SYMBOL	QTY.		DESCRIPTION





		DRAWING	LEGEND
SYMBOL	QTY.		DESCRIPTION

S	2	300 CFM exhaust fan
\$	1	100 CFM exhaust fan/lt combo w/13W flourescent bulb

~	1	Power gable vent
\boxtimes	7	10x10 white SA diffuser with adjustable damper.
	4	10x10 R/A grille through ceiling

	Duct Legend
ID	Description
D	16w X 6h X 120L
Ε	14w X 4h X 120L (or cut to fit)
	All duct dimensions are INSIDE dims.

