OUTLINE SPECIFICATION

Temporary Modular Healthcare Facilities            March 23, 2020

THIS IS A SAMPLE OUTLINE SPECIFICATION THAT CAN AND
WOULD BE MODIFIED AS REQUESTED OR REQUIRED.

General Criteria:
1. SUBJECT BUILDING:
   • Module(s):
   • Width: 13’10”
   • Length: 39’
   • Shipping Height: 13’5”

2. CODE CLASSIFICATION:
   • Building Area: See attached
   • Number of Stories: One
   • Construction: II-B or As Required

3. DESIGN LOADS:
   • Floor Live Load: Per Code
   • Wind Load: Per Code
   • Ground Snow Load: Per Code

Modular Support/Foundation:
• Option 1: Axis/MODLOGIQ will set Modular Units on timbers, etc which will be sitting directly onto pavement/Concrete with an approximate 18 -24 inch “crawl space” below
• Option 2: Axis/MODLOGIQ will provide KIP loads, load points, and a recommended description of attachment method of building to foundation.
• Access Ramping/Stairs will be provided as needed (Built at site)

Floor Construction:
• Structural Steel Frame with Cross Members
• R30 Batt Insulation
• ¾” Plywood Subfloor
• 12”x12”x1/8” VCT w/4” Vinyl cove base in all areas other than bathroom which will have 6” Vinyl Cove Base- Based on Armstrong Imperial Texture Standard Excelon
• Axles, Tires and Hitches
**Exterior Wall Construction:**

- 28 Gauge High Rib Siding- Manufacturers Standard Color
- Continuous Rigid Insulation
- Z Bars or Strapping
- Tyvek or Equal Weather Barrier
- 5/8” Exterior Gypsum Sheathing
- 6” Steel Stud
- R21 Fiberglass Batt Insulation
- Vapor Barrier
- 5/8” Vinyl Covered Gypsum with Battens- all seams caulked

**Interior Wall Construction:**

- 3-5/8” Steel Stud framing
- Fiberglass Sound Batt Insulation
- 5/8” Vinyl Covered Gypsum with Battens- all seams caulked

**Ceilings:**

- 2x2 washable ACT
- Prelude 15/16 Grid

**Roof Construction:**

- Structural Steel Frame and Cross Members
- 1-1/2” B Deck
- R-35 Continuous Poly Iso
- ¼” DensDeck
- Adhered 45mil Black EPDM
- Roof Edge Trim to Match Siding
- Gutter and Downspouts to site

**Doors - Exterior:**

- Commercial Double Insulated Steel Doors with Half Lite Glass, Panic Hardware, Closers, Weather stripping

**Doors – Interior:**

- 3’8” x 7’0” Aluminum/Glass Doors and Frames with Standard Grade 1 Hardware for patient room
entry (option for Transfer Grill Panel)

- 3’0” x 7’0” Hollow Metal Doors and Frames with Standard Grade 1 Hardware for support spaces
- 6’0” x 7’0” Hollow Metal Exterior Insulated Doors and Frames with Standard Grade 1 Hardware for Egress

Windows - Exterior:

- 1 Per Isolation/Treatment Room 3’ x 4’ Fixed Vinyl Windows- White

Painting:

- Epoxy Paint for all Walls, HM Doors, and Frames, etc. – 2 finish coats

Casework:

- P-Lam cabinets in Nurses Station AWI - custom grade cabinets
- Particleboard-core casework - White melamine interiors 120 degree self-concealed hinge - 4” Wire pulls Laminate Slab doors/drawers - PVC edge-banding
- 1/2” white vinyl wrapped drawer box - Full-extension drawer slides 32mm adjustable shelf holes - Metal shelf pins
- Solid Surface countertops for all wet areas, a standard color, and 4” backsplash
- P. Lam Counters at all other “non-wet” areas

Electrical:

- Lighting:
  - Provide and install 2x2 LED lay in fixtures-Sealed
  - Provide and install emergency battery packs with 2 heads each.
  - Provide and install ceiling mount exit signs.
  - Provide and install exterior remote emergency fixtures.
  - Provide and install exterior LED wall mount fixture with integral photocell.
  - Provide and install single pole toggle switches for occupancy sensor override.
  - Provide and install exterior LED wall packs with integral photocell at exterior doors.
- Power:
  - Provide and install local distribution panel at each Modular Unit
  - Provide and install Hospital Grade Duplex Receptacles and GFCI where required
- Low Voltage:
  - Provide and install back boxes with ¾” EMT conduit stubs to above ceiling Nurses Call and Low Voltage Requirements- 3 per room
  - Provide and install back box with ¾” stubs for Fire Alarm
  - All wiring, jacks, terminations and low voltage devices and testing for all low voltage to be coordinated/provided by others.
• All Wiring to be MC  
• All Devices to be Hospital Grade  
• Provide an Emergency Generator if Emergency Power is not local or available  
• Final mate line connections and testing onsite by others, anything outside or below the modules or not specifically listed not included.

HVAC:

• OPTION – 1 ISOLATION CONCEPT  
• READILY AVAILABLE AHU Packaged Units with Heat Pumps to be set on exiting site adjacent to Modular Units AND CONFIGURED TO RUN AT 100% OUTSIDE AIR  
• UNITS TO BE CONFIGURED IN SERIES TO COMPENSATE FOR ADDITIONAL CAPACITY AND STATIC PRESSURE NEEDS  
• Provision for separate unit for “Clean” area  
• Galvanized ductwork with 1-1/2” FSK duct wrap  
• Each Patient Room with 12 air changes per hour  
• 100% outside air with direct exhaust to exterior  
• +/- 5,000 CFM Utility fans on Roof  
• +/- 275 CFM Fans for Ante Rooms

Plumbing:

• Floor Mounted Toilet - Tank Type  
• Wall Hung Lavatory Sink- Manual Faucet  
• Copper Domestic Water Piping  
• Cast Iron DWV  
• Water Heater  
• Domestic Water assumed connected to existing Facility  
• Sanitary Waste Water assumed to be connected to existing Facility or connected to a Storage Tank  
• Medical Gases assumed to be connected to existing Facility or to a manifold system with cylinders

SPRINKLER:

• Complete dry pipe system installed for connection to Facility

END OF DOCUMENT
20 BEDS PER FLOOR

8 BEDS

CONTROLLED ENTRY

AT FIRST FLOOR

12 BEDS

SUPPORT SPACE MODULES

STAIRS

PATIENT RESTROOM MODULES

PATIENT ROOM MODULES

STAIRS