ARENA TO HEALTHCARE CONCEPT (A2HC) – COVID ACUTE ISOLATION UNITS
ALTERNATE CARE FACILITY (ACF)
A2HC – COVID ACUTE CONTAINER
(PROOF OF PRINCIPLE)

ENGINEERING CHANGES
- Field modified isolation room entry door
- Add louver with gravity damper and balancing damper
- Add exhaust fan with HEPA filtering
- Add mounted lighting
- Add emergency back-up power
- Add electrical and data outlets
- Add washable wall and floor covering

MEDICAL EQUIPMENT
- E1. Ventilator capable: Storage Cabinet
- E2. Telemetry/Pump on IV Stand
- E3. Stool
- E4. Over bed table
- E5. Mobile work station
- E6. Linen hamper
- E7. Sharps/Gloves
- E8. Hand sanitizer station
- E9. Infectious waste
- E10. Patient bed
ESTIMATED CONTAINER AVAILABILITY

Note 1: This concept will work with multiple versions of portable moving containers.

<table>
<thead>
<tr>
<th>PODS Inventory by MSC</th>
<th>Total</th>
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<tbody>
<tr>
<td>LRD</td>
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<tr>
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<td>SPD</td>
<td>2687</td>
</tr>
<tr>
<td>SWD</td>
<td>2592</td>
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</tbody>
</table>

* Verified from 1 source – PODS LLC; working others
ENGINEERING CHANGES

- Field modified isolation room entry door
- Add louver with gravity damper and balancing damper
- Add exhaust fan with HEPA filtering
- Add mounted lighting
- Add emergency back-up power
- Add electrical and data outlets
- Provide washable wall and floor covering

NEW EQUIPMENT

E1. Ventilator capable: Storage Cabinet
E2. Telemetry/Pump on IV Stand
E3. Stool
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E9. Infectious waste
E10. Patient bed
E11. Patient toilet (optional)
E12. Patient sink (optional)
NOTES

• Louver may be placed on ceiling or wall depending on orientation.
• Louver should close when exhaust fan is off.
• Provide manual balancing damper for louver.
• Utility chase may not be required depending on orientation.
• This concept assumes units will be placed inside a conditioned space.
A2HC- BUILT IN PLACE STRUCTURES

- Materials are readily available nationwide
- Fabricated in a local warehouse and transported to the final location
- Units can be fabricated and organized in the warehouse for efficient setup.
- This method allows for an assembly line approach increasing productivity.
- This allows for continuous fabrication with simultaneous setup
- Delivered and setup with the use of flat bed truck with hoist/crane to reduce manhandling of panels.

NEW EQUIPMENT: Same as Container concept
SITE REQUIREMENTS FOR ARENA LAYOUTS

ARENA PROVIDED- Field house ice machine

ENGINEERING CHANGES

• All typical floor plan additions
• Build chases for exhaust and utilities
• Construct steps and ramps per unit
• Power/Data distribution

SPECIAL MEDICAL EQUIPMENT

• All typical floor plan additions
• Nurse call
• Patient monitoring
• Portable med gases
• Pharmacy
8’X16’ HORSESHOE LAYOUT

- TOTAL: 120 PODS
- TOTAL: 8 NURSE STATIONS

Note: Notional only. Local life safety egress distances and ABA/ADA must be coordinated with AHJ.
8'X16' ROW LAYOUT

- TOTAL: 140 PODS
- TOTAL: 10 NURSE STATIONS

Note: Notional only. Local life safety egress distances and ABA/ADA must be coordinated with AHJ.
8’X12’ HORSESHOE LAYOUT

- TOTAL: 136 PODS
- TOTAL: 8 NURSE STATIONS

Note: Notional only. Local life safety egress distances and ABA/ADA must be coordinated with AHJ.
8’X12’ ROWS LAYOUT

- TOTAL: 154 PODS
- TOTAL: 12 NURSE STATIONS

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