

June 16, 2009

*Response comments dated July 21, 2009*

**SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY  
BLGS. 2440, 2441 AND 2442  
STENNIS SPACE CENTER  
35% Review – Ted Floore, Architect**

**DRAWINGS**

- All Plans      Slope slabs to floor drains, sinks and trenches?  
**Typical slopes will be provided and are shown on “S” Sheets.**  
- *July 21 – OK*
- Sheet A1.1      Bldg. 2440 –
- Room 105- Cages: Should floor be sloped to floor drains?
  - **Slope will be provided.**  
- *July 21 – OK*
  - Rear Entry: If floor is meant to be hosed down, should there be a drain in the mat recess, otherwise this will fill up with water?
  - **Design intent is for mopping down. We will investigate and determine if User prefers to add a drain at the mat recess.**  
- *July 21 – If the floors intended to be mopped only, then why go to the expense of installing floor drains? How will the traps in the floor drains be kept wet – will trap primers be installed?*
  - Stair 115: Show Fire Riser that extends to second floor.
  - **Riser is located in Building 2441 at the First Floor.**  
- *July 21 – OK*
  - Indicate rated walls and doors on this and on the LS plans.
  - **Rating indication will be provided.**  
- *July 21 – OK*
  - Building Access for disabled: Is there a written statement that exempts the building, except the front door and lobby from accessibility requirements? Shower 108 and Head 109 to have all required accessories and clearances.
  - **The RFP requires accessibility (UFAS Standards) for parking, sitework, and the first floor only.**  
- *July 21 – It does not appear that Shower 108 or Head 109 meet the requirements. See attached Sections 604.1 and 608.2.*

- Provide legend for wall types. Which walls are full height to underside of roof deck?
- **Legend will be provided. CMU walls on the first floor extend to underside of ceiling/floor slab system.**
  - July 21 – OK
- Show CJ
- **CJ is shown on S1.1 and could be added to this sheet.**
  - July 21 – Sorry, my comment was not clear. I meant CJ for the walls, not the slab. CJ shown on exterior elevations – transfer locations and note on this sheet. However, the Keyway joint covers should be indicated on this sheet.

Bldg. 2441 –

- Maintenance/Staging area: Floor trench should be solid (like FD) and Clerestory dashed.
- **Linework will be corrected.**
  - July 21 – OK
- Show extents of slab recess at OH doors
- **Shown on S1.3 and could be added to this sheet.**
  - July 21 – OK. Add note to I/S1.3 that recess occurs at each OH Door location, then recesses on A1.1 not necessary.
- Show CJ
- **There is no control joint for Building 2441.**
  - July 21 – CJ for walls. Sheet A1.8 shows CJ on exterior elevations – transfer locations and note on this sheet.

Sheet A1.2

Bldg. 2440 –

Mechanical Room door 9 and exterior door 2 – double door gives 6’ of opening, but the interior stair door is only 3’ wide and the exterior stair is only 4’ wide. These wide openings are not accessible via the stairs. They can be reduced in width to a single leaf door.

**Pair doors are specified in the RFP.**

- July 21 – What is reason for wide interior openings and narrower exterior access and openings? Perhaps author of RFP should be asked and the door widths modified if necessary.

- Sheet A1.3 Is attic space ventilated for heat buildup? Non-vented metal soffit called – no roof venting. Roof insulation is shown on other sheets to be 2” insulation board, but heat will buildup inside attic and radiate down thru ceiling to occupants.  
**HVAC design calls for non-vented attic. Attic will be partial conditioned area with over R-30 insulation.**  
 - July 21 – *Do not see means to partially condition attic space on M1.2*
- Sheet A1.4 - Detail 9 – Masonry ties should be shown in the masonry joints.  
**The tie is in the joint of the face veneer and the Heckmann anchor screws into the 8” CMU.**  
 - July 21 – *OK*
- Section B – Is there an access path to the space above the Armory ceiling. How is this space ventilated? **Do not need any ventilation over Armory.**  
 - July 21 – *Why is ventilation (or access) not needed for this space. The armory is conditioned (M1.1) leaving the possibility of condensation forming on the surface of the cool concrete on hot days.*
- Section B – it appears that all walls extend to roof. Will there be batt insulation on top of ceiling tiles to reduce the sound transmission from room to room? Will GWB extend along at least one side to a higher elevation for security? Attic ventilation? **Will comply.**  
 - July 21 – *OK*
- Sheet A1.5 - Window “A” in 2 hour rated wall. Rated HM frame and fire glass? Indicate rated doors/frames/windows on schedules. **Windows shall be ¾ hour rated windows.**  
 - July 21 – *OK. Confirm rating required in 2 hour wall.*
- Show OH door enclosures. **Our section does not cut through. Detail on sht. A1.21.**  
 - July 21 – *Effort was taken to show vehicle in bay. Section was not cut thru steel column. Showing enclosure on wall gives client opportunity to see height of door opening in relation to vehicles and bay height.*
- Door into Armory should show that it is a dutch door. **This is not the user requested.**  
 - July 21 – *Response unclear. Plan shows two door swings for this door. Clarify*

- Should there be a section for the plumbing chase wall? **No**
  - *July 21 – OK*
- Window type notation for clerestory windows. **Added notation.**
  - *July 21 – OK*
- Show light fixtures at correct heights. **See E3.1 for fixture heights.**
  - *July 21 – Showing fixtures gives client opportunity to see height of lights in relation to vehicles and bay height. Unit Heaters should also be indicated.*
- Move finish grade up to proper height at doorways. Will finish grade at OH doors be flush with the 1” recess at the door or will it be 1” below? **Finish grade at OH door will be 1” recess at doors flush with paving.**
  - *July 21 – OK*
- Exterior elevations indicated gutters and downspouts. Show here also. **Has been added.**
  - *July 21 – OK*

Sheet A1.6 Wall sections 1 & 2 – review and modify for actual use. Add those necessary for rated and unrated walls. Show rated walls to extend to underside of deck. **Has been shown.** *July 21 – OK* Indicate that “fire caulk” to be UL tested assembly. Indicate that all penetrations to be sealed in accordance with a UL tested assembly. **Note has been added to sht. A1.0** *July 21 – OK*

Sheet A1.7 - Door and hardware remarks says “6x12 vision panel, glazing to match” match what? **4”x24” vision panel shall match windows.**

- *July 21 – OK*
- Notes – add note that all exposed conduit, JB, ductwork, etc. in exposed painted structure areas to be painted. **Note has been added to A1.7.**
- *July 21 – OK*

Sheet A1.8 - Show exterior louvers and vents. Note finish color. **Neither bldg., Ops nor staging, are being vented.**

- *July 21 – I do not think that the building code allows vehicle spaces to be unvented. Verify with Mechanical Engineer of Record.*
- Do UH in service bays require outside air supply? **See mech. Comments.**
- *July 21 – OK*
- CJ in rated walls to be UL tested assembly. **Will comply.**
- *July 21 – OK*

- Shows downspouts recessed into exterior CMU. Is this intended? **Not intended, have been changed.**
  - *July 21 – OK*
- Sheet A1.9
- What is material above door type 3? **Metal wall panel**
  - *July 21 – OK*
  - Top of landing of exterior stair is 6”-5” above grade. Does this present a head bump hazard? **Not meant to be walked under.** Is more space and some type of barricade required? **Railing shall be provided.**
  - *July 21 – OK*
- Sheet A1.11
- Structure and soffit required for folding partition in track in briefing room? **Change ceiling grid and treat as 2 rooms with track in middle.**
- *July 21 – Some structure will be required to support the track and the weight of the partition.*
- Soffit not shown over counter in room 200 to match interior elevation 12/A1.17. **Removed ceiling grid to show fur down above cabinets.**
- *July 21 – OK*
- Sheet A1.12
- If the only spaces accessible are the unisex toilet and shower on the first floor, then there is no need to show UFAS clearance boxes on the other restroom plans. **Removed clear spaces.**
  - *July 21 – OK*
  - In female head 212 – can lav be wall mounted to 4” cmu wall without chair? Will building column interfere with chair? **Yes it can be mounted without chair.**
  - *July 21 – OK*
  - Verify that the accessory locations and types indicated on the plans on this sheet are coordinated with the interior elevations on sheet A1.15. **shown on this sheet as similar to interior elevations.**
  - *July 21 – OK*
  - In accessible head 109 – verify that the space between the lavatory and the toilet clearances meets the current requirements. **Being redesigned.**
  - *July 21 – OK, see attached*
- Sheet A1.13
- Verify extents of stair handrails from landing to upper floor. **Verified 12”.**
  - *July 21 – OK*
  - Can 4” CMU plumbing chase wall be cute to avoid interference with use of grab bar behind toilet? **Yes it is not structural.**
  - *July 21 – OK*

- Show rated wall extents. **See sht. A1.0 for legend.**  
*July 21 – OK*
- Sheet A1.15 - Elevations 15 & 16 – is shower seat supposed to be a fold down type?  
**Yes – fold down**  
*July 21 – OK*
- Elevation 16 – is showerhead supposed to be a hand held unit on a bar? **Will comply – need to verify with mechanical.**
  - *July 21 – OK*
  - Elevation 19 – will location of seat protector dispenser interfere with use of grab bar behind toilet? **Does not interfere.**
  - *July 21 – There is a minimum clearance around grab bars and the dispenser appears to be too close to grab bar. Verify minimum clearance.*
  - For all accessible spaces - confirm number, length and location of all grab bars. Tile colors and patterns? **See CID drawings.**
  - *July 21 – OK*
- Sheet A1.16 Elevation 8 – how are dryers vented to outside and the vent lines cleaned?  
**Will follow bathroom exhaust per mechanical.**  
*July 21 – OK. Venting not shown on M1.1. Cleanouts needed for lint removal. Confirm maximum venting length and bend numbers with dryer manufacturer.*
- Sheet A1.17 Elevation 12 – call out Solid Surfacing Material Top and 4” splash.  
**Added both notes.** What kind of cabinets – Plam or stained wood?  
**Should be included in CID package.**  
*July 21 – OK*  
Elevations 13 & 14 – call out solid wood surfacing material and 4” splash.  
**Added both notes.**  
*July 21 – OK*
- Sheet A1.19 Window type “A” – two windows in rated walls. Rated alum frame? Rated glazing? **Changed to “D” window – rated as ¾ hour.**  
*July 21 – OK. Confirm rating, glazing and frame required for 2 hour rated wall.*
- Sheet A1.21 - Detail 26 - How is bottom of OH door secured to steel lintel? **Will be included as submittal item.**  
*July 21 – OK*

- Detail 27 – support angles to be hot dip galvanized and painted. **Will comply.**
- *July 21 – OK*
  
- Detail 27 – exposed section of CMU to be painted to match? **Shall be painted.**
- *July 21 – OK*
  
- Detail 27 – shows depth of floor recess at jamb to be 4”/5”. Some manufacturers may require more room. Remove hard dimension and add note to verify dimension with mfg. Jamb and door to fall completely within bounds of recess. Show extents of steel floor angle at recess. **All have been verified.**
- *July 21 – OK*
  
- Detail 28 – recessed slab area at OH doors to be sloped 1/8” per foot to exterior. Should the finish pavement at this recessed area be 1” down also to prevent blowing rain from moving onto recessed area? **See comment on A1.5.**
- *July 21 – OK*
  
- Detail 28 – “treated blocking beyond”? **Removed note.**
- *July 21 – OK*
- Detail 18 – does steel angle occur on all three sides of recess or just the long side and not the returns to the exterior walls? **No**
- *July 21 – response did not answer questions.*

Sheet A1.23 Show gutters **Have been added.**  
*July 21 – OK*

Sheet A2.1 Clerestory above should be dashed, not solid. **Has been changed.**  
*July 21 – OK*

Show extents of recess at OH doors. **Has been added.**  
*July 21 – If recesses are going to be shown here, then they should also be shown on A1.1.*

Sheet A2.2 - What is the height of interior metal liner panels? **Dimension has been added to sheet.**  
*July 21 – OK*

- Why does this roof have 3” batt insulation and other building have 2” board insulation? **All bldgs. have 3” insulation.**
- *July 21 – OK*

- Detail 31 is not the one shown on the larger building section. Coordinate. **Revised to show 3" insulation & metal liner.**  
*July 21 – OK*
- Detail 30 – masonry ties to be in 8" CMU joints? Shown in CMU body. **Revised details.**
- *July 21 – OK*

Sheet A2.4 Louver on exhaust fans? Color? **Showed louvers and color to match building.**  
*July 21 – OK*

## SPECIFICATIONS

- Coordinate specs with materials indicated on drawings and vice versa. **Will comply.**  
Review and edit spec sections for materials and systems to be used. **Will comply.**  
Section 03 11 14 – 1.5 Sample Panels? **Will comply.**  
Section 03 11 14 – 3.2.3 Tunnel forms? **Will comply.**  
Section 04 20 00 – 2.17 Weep Hole Ventilators: wood? **Will comply.** Drawings say open head joint. Coordinate. **Will comply.**  
Are cabinets Plastic laminate, Painted or stained wood. Provide spec section. **Will comply.**  
Section 08 11 13 – Exterior doors to be impact resistant. Doors between bldgs. 2440 and 2441 to be considered exterior doors and galvanized. **Will comply.**  
Section 08 36 13 – Drawings indicate Coiling Doors not sectional overhead doors. How are electrical motors controlled – button at door location only? *July 21 – coordinate controls with client.* Wind loading requirements? **Will comply.**  
Section 08 51 13 – shop drawings do not indicate thermally broken frames. **Will comply.**  
Section 08 71 00 – 2.3.2.3 “Pharmacy” door locks?? **Will comply.**  
Section 10 28 13 – does not include a clipboard holder as shown on the plans. **Will comply.**  
Section 10 44 16 – Use rated cabinets in rated walls. **Will comply.**  
No spec section for folding partitions. **Will comply.**  
Section 13 34 19 – confirm wind loading or 130 MPH with base officials. **Will comply.**

*July 21 – I assume that the “Will Comply” responses to the spec comments above indicates that these will be properly coordinated with the drawings, manufacturers data and the client.*

Attach: ABA Standards 604.1 and 608.2 (3 PAGES)

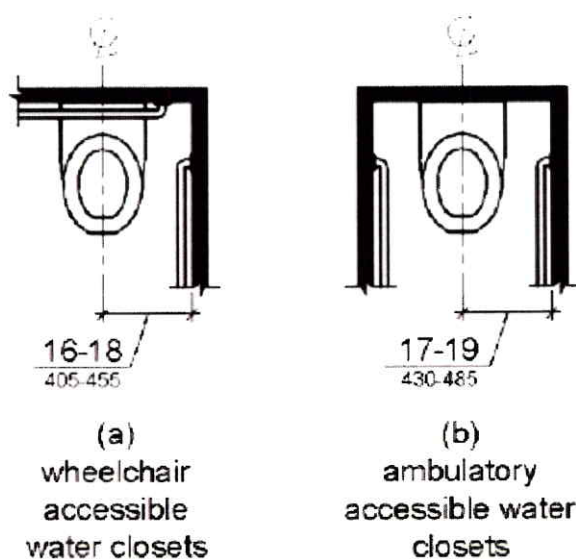
## 604 Water Closets and Toilet Compartments

604.1 General. Water closets and toilet compartments shall comply with 604.2 through 604.8.

EXCEPTION: Water closets and toilet compartments for children's use shall be permitted to comply with 604.9.

604.2 Location. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets shall be arranged for a left-hand or right-hand approach.

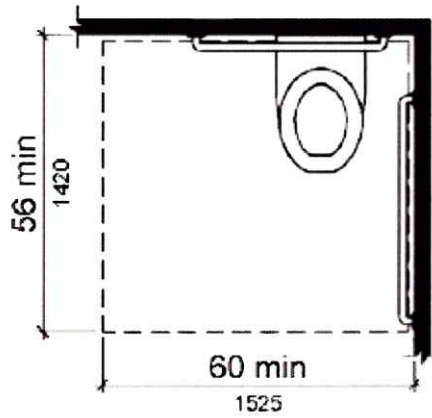
**Figure 604.2 Water Closet Location**



604.3 Clearance. Clearances around water closets and in toilet compartments shall comply with 604.3.

604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.

**Figure 604.3.1 Size of Clearance at Water Closets**

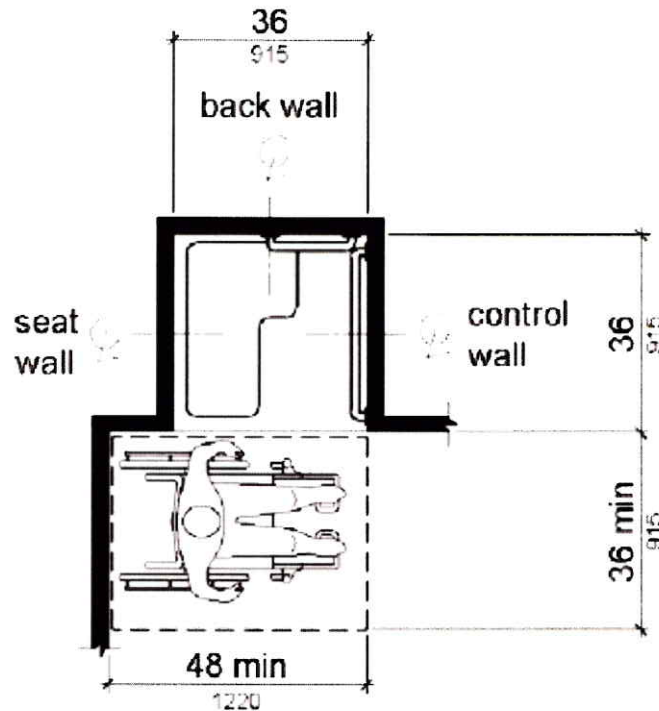


604.3.2 Overlap. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance.

608.2 Size and Clearances for Shower Compartments. Shower compartments shall have sizes and clearances complying with 608.2.

608.2.1 Transfer Type Shower Compartments. Transfer type shower compartments shall be 36 inches (915 mm) by 36 inches (915 mm) clear inside dimensions measured at the center points of opposing sides and shall have a 36 inch (915 mm) wide minimum entry on the face of the shower compartment. Clearance of 36 inches (915 mm) wide minimum by 48 inches (1220 mm) long minimum measured from the control wall shall be provided.

**Figure 608.2.1 Transfer Type Shower Compartment Size and Clearance**



Note: inside finished dimensions measured at the center points of opposing sides

608.2.2 Standard Roll-In Type Shower Compartments. Standard roll-in type shower compartments shall be 30 inches (760 mm) wide minimum by 60 inches (1525 mm) deep minimum clear inside dimensions measured at center points of opposing sides and shall have a 60 inches (1525 mm) wide minimum entry on the face of the shower compartment.

608.2.2.1 Clearance. A 30 inch (760 mm) wide minimum by 60 inch (1525 mm) long minimum clearance shall be provided adjacent to the open face of the shower compartment.