

DATE: JUNE 25, 2014  
FROM: PFB ARCHITECTS  
SUBJECT: BIDDER QUESTION RESPONSES  
PROJECT: **RELOCATE JOLIET CBOC PHASE II - BID PACKAGE C**  
TO: **OWNER, CONTRACTORS**

Responses to bidder questions are provided below **[in bold]**.

1. RFI 1- referring to water meters (insertion vortex) under section 23 09 23: What is the application data:

Flow Rates  
Operating Temperatures  
Operating Pressures  
Line Sizes

RFI 2- referring to water meters (insertion turbine) under section 23 09 23: What is the application data:

Flow Rates  
Operating Temperatures  
Operating Pressures  
Line Sizes

RFI 3- referring to water steam (vortex) under section 23 09 23: What is the application data:

Flow Rates  
Operating Temperatures  
Operating Pressures  
Line Sizes

**[The flow meters that are defined in section 2.6 D, E and F were removed from the drawings and are not required.]**

2. Will CT scanner pad detail 2 shown on drawing CS 101 be required on all 4 sides of the pad?  
**[Yes, detail 2 is required on all 4 sides.]**
3. Keynote 7 Drawing CS101- will future type B concrete post be required under this contract or future contract? If post are in future contract, will sidewalk replacement be required if foundation wall detail 2 is required on east side? Or will post contractor replace the sidewalk? **[The bollards labeled as future will be under a different contract. For this contract, the Contractor will be required to restore any site elements damaged during construction.]**
4. Drawing A101B3- are there specific floor leveling requirements for sound booths and control room? **[The concrete floor slab beneath the sound booths is required to be leveled within  $\pm 1/4"$  in 10'-0". If required, the Contractor is to utilize Ardex, or equal, floor leveling**

**compound to bring existing slab within levelness requirements. Contractor to prep existing slab to receive floor leveling compound.]**

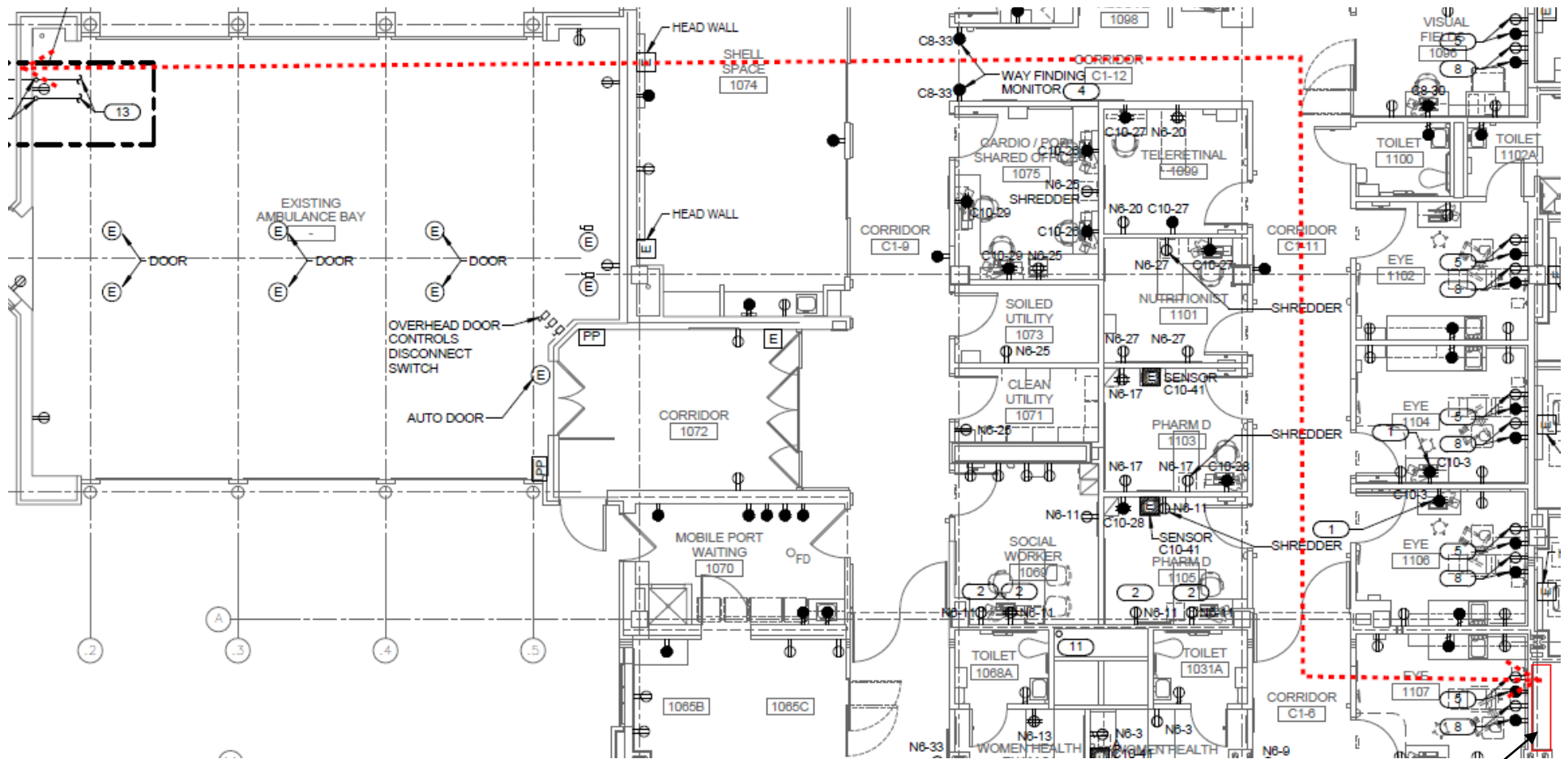
5. Per the note on drawing A101B3 note 22, will the VA have this report generated so as not to have all the contractors have it done? **[Contractor is to include the cost of the Radiation Transmission Testing and Calculation Report in their bid. Contact information has been provided for the VA's preferred, qualified radiation physicist. This work is then to be completed by the selected GC at the beginning of the construction period]**
6. We ask the VA consider our request to limit Contractor warranty period to 1-year or less. **[The Contractor shall provide the warranty for the installation of items per the Contract Documents and FAR 52.246-21.]**
7. Can you explain what exactly should be included in alternate #1 deduct? The drawings show certain items included, but there are other items such as the ATS being replaced, but the ATS are not shown as part of the deduct. Another example is Light Fixture "S1" being fed from the Boiler Plant, if the generator is being deducted, I would assume the fixture, conduit, wire, excavation and etc. would be deducted as well? Can I assume that if it is not shown as part of the deduct, even though it is part of the emergency generator system that is not to be deducted from the base bid?. **[Refer to project solicitation, Bid Form P. 3 - 4 for a detailed description of the Work to be included in Alternate Bid Item 01. If the work is not shown as part of the deduct, it is not to be deducted from the base bid.]**
8. Is the generator to be removed from the trailer and set in place on the concrete pad? Or will the generator be set in place with the trailer setting on the pad? If the trailer is to be removed, what happens to the trailer? Will the VA take possession; do we need to have it hauled back to Hines? **[The generator will be removed from the trailer and set in place on the concrete pad. The Contractor is responsible for returning the trailer to Hines VA.]**
9. Who is responsible for the generator Pad? GC or EC? **[The GC is responsible for the generator pad.]**
10. Is the generator a diesel generator? Who is responsible for the initial fill-up? **[The generator is a diesel generator. The Contractor is responsible for initial fill-up of the 300 gallon tank.]**
11. Who is responsible for getting the generator running and testing? Is the owner contracting direct to caterpillar for this? **[Contractor to include cost for Caterpillar Commissioning.]**
12. Who is responsible for cutting / patching and excavating the existing asphalt parking lot? **[The Contractor is responsible.]**
13. Who will do the cutting and patching of the walls and floor of the radiological room? Are these walls lead lined? Will they be lead lined? **[The Contractor is responsible for all cutting and patching of walls and floors. The existing walls in Rad Room 1090 contain lead lining to 7'-0" AFF. Any cutting and patching in this room will be required to be done to maintain the required radiation shielding]**
14. Who is responsible for cutting and patching the floors and walls throughout the rest of the facility? **[The Contractor is responsible for cutting and patching as identified in the Contract Documents.]**

15. Who is responsible for furnishing and installing the smart boards in the basement? **[Smart Boards are Owner Furnished, Contractor Installed equipment items]**
16. Who is responsible for furnishing and installing the projector screen in the basement? **[Projector Screen will be furnished under a separate AV UPGRADE contract to the GC, GC is responsible for removal of existing screen and installation and electrical connection of new screen. Refer to note 5 on sheet T-110B]**
17. X-Ray in use signs does not show a part number or manufacturer. Who is responsible for these signs? **[The X-Ray in-use light is to be furnished, installed, and powered by the Contractor. Contractor to provide required conduit to connect the device to the new Philips Equipment. Philips provides the final connection to their equipment.]**
18. What is the proposed start and completion date? Is everything considered to be done on straight time? **[Refer to VA solicitation for all requirements. Contractor is to bid this job to include any recommended premium time required for life safety construction, since half of the building will be occupied during business hours during construction. All other work is to be done on straight time.]**
19. Will there be a time set for an additional site visit? **[There will not be an additional site visit.]**
20. Alternate 2 deduct, is the pole base removal part of this deduct or will it be removed by others? **[All of the work described by the keynotes and within the bold dashed lines labeled ALTERNATE DEDUCT #2 is to be accounted for in alternate #2. The pole base removal is part of alternate #2.]**
21. CS101 - Please clarify the intent of keynote 1 at alternate #2. Is the lineal footage of the curb that is to be removed the same amount as what is to be poured back? This is what the drawings seem to imply. **[The intent of keynote is to indicate which portions of the existing curb and gutter is to be removed. The new curb is shown within the demoed curb, indicated by the 11'-3" radius note. The length of what is being poured back is less than what is being removed]**
22. A752 - There are multiple items shown on the equipment schedule that are shown to be furnished and installed by the contractor. Many of these items do not appear on the equipment list drawings on plan page A751B1, A751B2, A751B3, A751B4. These include items #48, 49, 78, 110, 122, 134, 154, 157, 159, 160, 165, 171, 184, 188, 190, 191, 195, 196, 197. Can an equipment list with quantities be provided or can this be clarified? **[All items listed above, with the exception of Item #122, are not included in the project scope.]**
23. A901 - There is a specification section included for Division 04 and masonry partition types 7 and 7A are shown on the wall types. Where can the masonry work (if any) be found? There does not appear to be any masonry partitions shown on the floor plans. **[Refer to sheets A101B3 & A101B4. The masonry partitions are located along the building separation.]**
24. Drawing indicates for the contractor to furnish and install sign type IN07.01. The interior signage schedule does not indicate what type of sign this is. Please clarify? **[Refer to sheet A801 SIGNAGE GENERAL NOTES. This sign type is detailed in the Department of Veterans Affairs Signage Guide available on the VA TIL website.]**

25. The interior signage schedule indicates to furnish the following signs IN01.01.02 Evac. Map / Fire Exit Plan and IN01.03 Fire Procedure Sign but the drawing does not indicate the locations to install them. **[The referenced sign types are not included in the project scope.]**
26. Equipment Item #116 Peter Pepper Pocketless Bulletin Board 72"W x 48"H Model FB7248, Light Cherry Frame, Profile #9 Lineal to be Contractor furnished and installed does not indicate a fabric type. Please provide a fabric type? **[Fabric type to be selected by Architect from Manufacturer's standard selection.]**
27. The bid schedule on page 5 of the solicitation does not have a lump sum line to write the amount on for deductive alternate bid item No. 2. Will a revised bid schedule be issued? **[No, a revised bid schedule will not be issued. Contractor is to write in "Lump Sum" Bid amount for deductive alternate #2, in the same manner as indicated for alternate #1. ]**
28. Re: Emergency Switchboard "E", Sheet E400: Is there a freight elevator with enough weight capacity to lift the 5 ton transformer from the basement and is there a clear pathway from the freight elevator to the outside loading dock? If these two requirements cannot be met, then we will disconnect the transformer and main disconnect sections of the switchboard, and the GC will have to find a way to extract it from the basement (Floor Slab and/or Wall Removal and Lifting) so that we can transport it to whatever location is required by the VA. Who is the Manufacturer and what is the Interrupting Capacity Rating of Emergency Switchboard "E" so that we request a new section as specified. What is the source if the existing 5kv feeder and where is the source located so we can determine the feeder demo requirements. **[Response: Contractor shall disassemble transformer as required to remove from site. SQUARE D service #19658641]**
29. Re: Switchboard "N" Sheet E401: I can tell by the LSIG requirement that this is a Square D switchboard. Is it a typical Sq-D "I-Line" Switchboard or is this a "Draw-Out" type of switchboard? The prices of the LSIG breakers Quadruple if they are "Draw-Out" type. Is the 400a Circuit breaker from Distribution Panel "DP-QD" being relocated to SWBD "N" equipped with an LSIG Micrologic 6.0A Electronic Trip? **[Response: Verify with SQUARE D. SQUARE D service #19658641]**
30. Re: Routing of the new Generator Feeders.
  - a. Please review the Gen Set routing plan sketches attached and comment on whether or not a new pipe chase is feasible in the location indicated. **[A chase at the location shown is not acceptable as it is within the completed phase 1 area which will be seeing patients at the time of construction.]**
  - b. Please indicate the ceiling deck height of the existing Ambulance Bay, rooms 1074 & 1107 and Corridors C1-12, C1-6, and C1-8. **[Ambulance Bay floor-to-deck height: 15'-0" All other 1st Floor Phase 2 areas: 12'-2"]**
31. Re: Demolition Sheet ED110 - Please furnish the approximate weight of the 5KV transformer in the basement and tell us if its oil filled or dry? Also, can you furnish address of the delivery location? **[Response: Verify with SQUARE D. SQUARE D service #19658641]**
32. Re: Demolition Sheet ED111B; General Note #3; Does this note apply to all of the non-relocated 2x4 (qty 135), 2x2 (qty 34) and recessed down lights (qty-22) shown on ED111B or does this note just apply to the fixtures that are being relocated (Key Notes #3, #4 & #5). **[Response: General Note #3 applies to all existing to remain and relocated light fixtures]**

33. Re: Demolition Sheet ED200 (Alternate #1)
- a. Can you give me the voltage rating of the 1MW gen set so we can determine (or maybe you can furnish) the size of the feeder cables being removed. **[Response: 480V/3P, 3 wire]**
  - b. Also, is this "Tray" cable in a ladder cable tray or is this cable in conduit on a strut rack? **[The cable is in a tray]**
  - c. Also, please furnish the weight of the Gen Set trailer and whether or not it's equipped to be transported with a typical tractor trailer truck? **[A tractor trailer will be required. Contact Patten Power]**
34. Re: Site work Sheet ES-100 and CS101; Please verify the exact location of the relocated Lighting Pole. I overlaid the Civil onto the Electrical Site plan and the Civil places the relocated pole right on top of an existing ATT Pedestal. **[There should not be a conflict for the proposed location of the light pole base as shown on CS101. Any conflicts that arise during construction will be resolved through the typical RFI process.]**
35. Re: Roofing Project includes specifications for roof related work but none is shown on the plans nor is any roof plans reflecting new penetrations. Please clarify extent of roofing scope. **[Contractor to patch roof construction at any new MEP penetrations, or where roofing has been damaged as a result of new work by the Contractor.]**
36. Re: Generator Annunciator Panel; Please furnish a manufacturer or performance spec for this equipment. There was no specification for this as indicated by the Equipment Schedule. **[The manufacturer is Caterpillar]**
37. Re: Automatic Transfer Switches; The Equipment Schedule lists ASCO 300 as the approved model number, but the spec's are calling out for an open transition switch with a By-Pass Isolation switch.
- a. Do you really desire the By-Pass feature? If not the 300 series will do. **[ By-Pass is required]**
  - b. If you want the By-Pass Isolation feature, it is not available in the ASCO 300 series. It is available in the ASCO 7000 series. **[ By-Pass is required]**
  - c. Also, will you accept equals to the ASCO Transfer switches such as Onan, GE/Zenith or Russelectric? **[No equals will be accepted]**
38. Re: The Gen Set Stainless Steel Pull Box. We could not find a manufacturer that builds an in stock Stainless Steel Enclosure that matches the size of the one shown on the plans. 44"h x 50"w x 24"d. Do you have the contact information and catalog number for a manufacturer who does? If not would this be acceptable? Its 60"h x 36"w x 24"d with a hinged door, N4X Stainless Steel and available commercially. If this is unacceptable are you suggesting that we have a custom made enclosure built to the size specifications? **[Provide custom enclosure]**

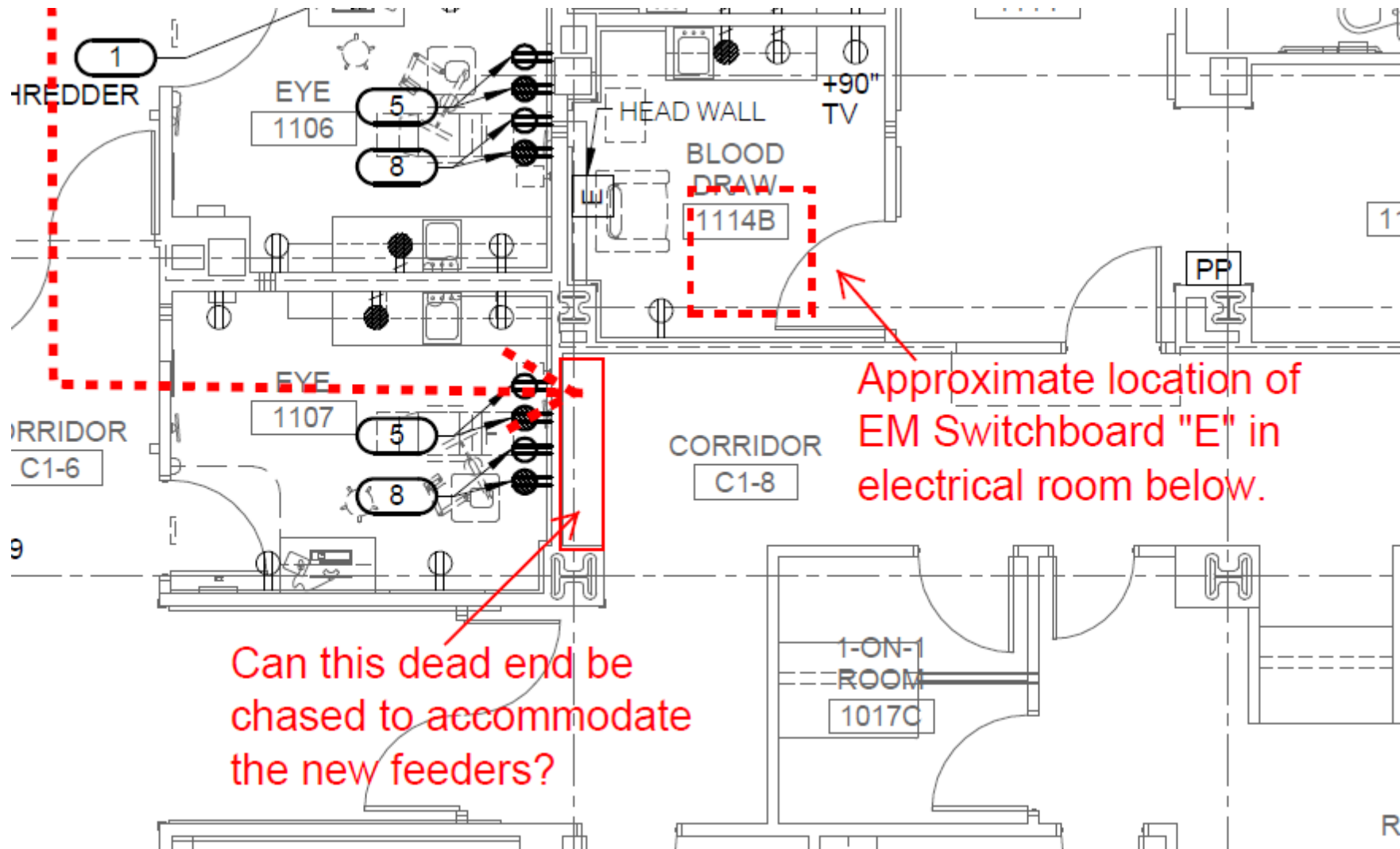
END OF BIDDER QUESTION RESPONSES



This appears to be to most convenient routing to get the New Generator Feeders down to the basement. Can this location be chased out to allow for the conduits going into the basement electrical room below?

Sketch Submitted by bidder for Bidder Question #30. This is not an Architectural Drawing and is not a part of the Bid Set.





If this location is unsuitable, can the design team recommend another suitable spot for 5-4", 3-2", 4- 1" conduits to make their way to the basement?

Sketch Submitted by bidder for Bidder Question #30. This is not an Architectural Drawing and is not a part of the Bid Set.

**WA - SSFSN43PT SERIES ENCLOSURES  
NEMA 4X 304 STAINLESS FREESTANDING SINGLE DOOR**


Product Data Submitted by bidder for Bidder Question #38. This is not a part of the Bid Set.

**Industry Standards**

UL 508, Types 3, 4, 4X & 12  
CSA Certified, Type 4, 4X & 12  
NEMA/EEMAC Types 3, 4, 4X & 12



UL File E64791



CSA File LL66078

**FEATURES-SPECIFICATIONS**
**Applications**

Designed to house electrical and electronic controls, terminals, and instruments in areas that are regularly hosed down or are otherwise very wet. Enclosures are also suitable for outdoor applications.

**Construction**

- Bodies and doors fabricated from 12 gauge 304 stainless steel
- Continuously welded seams ground smooth, less knockouts or holes
- "Uni-strut" mounting channels are welded horizontally to interior body sides, top, bottom and center
- Optional swing, half, full and rack

panels can be mounted anywhere along "uni-strut" channel

- Rolled lip around three sides of door and along top of enclosures opening excludes liquids and contaminants from entering
- 3 PT 316L SS Padlocking Vault Handle
- Heavy gauge continuous hinge
- Doors are removable by pulling stainless steel continuous hinge pin
- Removable print pocket is provided
- Heavy duty removable lifting eyes
- Doors are sealed with poured in place polyurethane gasket
- Grounding provisions provided

**Finish**

- Top, sides and door have a smooth grained finish, interior has a standard commercial finish
- Optional back panels are white polyester powder (See pages I8-I13)
- Optional "G" panels have a conductive finish (See pages I8-I13)

**Accessories**

- Back panels (reference tables)
- See pages J1-J22

**WA-SSFSN43PT SERIES SINGLE DOOR 3PT HANDLE STAINLESS ENCLOSURES**

CATALOG NUMBER	ENCLOSURE SIZE H X W X D	BACK PANEL CATALOG NUMBER*		BACK PANEL SIZE A X B	STIFFENER		A	F
		WHITE	"G"		DOOR	BODY		
WA602418SSFSN43PT	60.06x24.06x18.06 (1526x611x459)	WA60P24F1	WA60P24F1G	48.00X20.00 (1219x508)	No	No	23.13 (588)	32.06 (814)
WA603624SSFSN43PT	60.06x36.06x24.06 (1526x916x611)	WA60P36F1	WA60P36F1G	48.00X32.00 (1219x813)	No	No	23.13 (588)	32.06 (814)
WA722418SSFSN43PT	72.06x24.06x18.06 (1830x611x459)	WA72P24F1	WA72P24F1G	60.00X20.00 (1524x508)	No	No	29.13 (740)	38.06 (967)
WA722424SSFSN43PT	72.06x24.06x24.06 (1830x611x611)	WA72P24F1	WA72P24F1G	60.00X20.00 (1524x508)	No	No	29.13 (740)	38.06 (967)
WA723018SSFSN43PT	72.06x30.06x18.06 (1830x764x459)	WA72P30F1	WA72P30F1G	60.00X26.00 (1524x660)	No	No	29.13 (740)	38.06 (967)
WA723024SSFSN43PT	72.06x30.06x24.06 (1830x764x611)	WA72P30F1	WA72P30F1G	60.00X26.00 (1524x660)	No	No	29.13 (740)	38.06 (967)
WA723618SSFSN43PT	72.06x36.06x18.06 (1830x916x459)	WA72P36F1	WA72P36F1G	60.00X32.00 (1524x813)	No	No	29.13 (740)	38.06 (967)
WA723624SSFSN43PT	72.06x36.06x24.06 (1830x916x611)	WA72P36F1	WA72P36F1G	60.00X32.00 (1524x813)	No	No	29.13 (740)	38.06 (967)
WA723630SSFSN43PT	72.06x36.06x30.06 (1830x916x764)	WA72P36F1	WA72P36F1G	60.00X32.00 (1524x813)	No	No	29.13 (740)	38.06 (967)
WA723636SSFSN43PT	72.06x36.06x36.06 (1830x916x916)	WA72P36F1	WA72P36F1G	60.00X32.00 (1524x813)	No	No	29.13 (740)	38.06 (967)
WA902420SSFSN43PT**	90.06x24.06x20.06 (2288x611x510)	WA90P24F1	WA90P24F1G	78.00x20.00 (1981x508)	No	No	38.13 (969)	47.06 (1195)
WA903620SSFSN43PT**	90.06x36.06x20.06 (2288x916x510)	WA90P36F1	WA90P36F1G	78.00x32.00 (1981x813)	No	No	38.13 (969)	47.06 (1195)
WA903624SSFSN43PT**	90.06x36.06x24.06 (2288x916x611)	WA90P36F1	WA90P36F1G	78.00x32.00 (1981x813)	No	No	38.13 (969)	47.06 (1195)
WA903636SSFSN43PT**	90.06x36.06x36.06 (2288x916x916)	WA90P36F1	WA90P36F1G	78.00x32.00 (1981x813)	No	No	38.13 (969)	47.06 (1195)

\*Back panels must be ordered separately.

\*\*UL pending on 90" tall cabinet.