

From: SBT-22 Facilities Manager, Dave Everett
To: NAVFAC/ROICC Construction Manager, Paul Mullins
Subj: Proposed changes; Design Review Comments, ROF Combatant Craft Layout Drawings

Paul,

The below listed comments are provided as the most recent summary of comments and design review suggestions for the planned ROF project.

Parking Area – Drawing referenced C2.1

The parking area islands and landscaping presents a nice, but not necessary feature for the user. Unless LEED motivated, user prefers maximum space utilization and minimum maintenance. Any savings could be directed to clear trees at the SE access, near the Boat Ramp.

Discussed at recent review meeting. Trees will be eliminated at POV landscape islands.

Bldg 2440 – Operations Building

1. User requests installation of a Cage area (105) roll-up door (approx 6'W by 7'H) that would replace alcove Rear Entry Door (101) and to relocate the Rear Entry Door (101) under the NE stairway or on the NE side, near the Male Showers (112). **Discussed at recent review meeting. Conflicts with Life Safety egress to replace Rear Entry Door 101 and would require the loss of cages if it was provided in addition to Rear Entry Door 101.**
2. User requests four cameras in Armory (107) area, one directed at entry door(s) and one in each of the three subdivision/caged areas. **Referred to project electrical engineer.**
3. User would like the central area between Entry (102) and Lobby (103) considered as a medical treatment area with various wall mounted medical equipment. **Discussed at recent review meeting. Designer will coordinate with User to provide some items, such as first aid.**
4. User requests relocating the Cage access opening to Male Shower (112) from current location to the center wall, adjacent to the male Head (111). **Male shower 112 access has been revised.**
5. Concern about a Life Safety Code requirement for additional doors that lead to the corridor on the second floor, affecting rooms 204, 207, 209. **Conflicts with furniture arrangement.**
6. User concern/request to consider a second door in rooms 205, 208, 210. **Additional doors are not required. Will confirm with DBFPE.**
7. User requests a metal awning over the exterior stairway at the NE end of building 2440. **Will comply. Metal cover shown by designer on some, but not all drawings.**
8. User requests surrendering one foot of the 12' dimension of the River Ops Control Watch (206) to be added to the 39'10-1/8" dimension of the Briefing Area (203). **Will comply, corrected by designer.**

9. User requests inclusion of floor outlets (if not already specified by Mr. Herve Lara), central in each of the divisible areas on the Briefing Room (203). **Resolved by project electrical engineer.**
10. User requests dimensions of RTUO (210) follow/mimic dimensions of SITUO (203). Resizing RTUO (210) would make the approx wall dimensions would change to 24'11" by 23'6". **Will comply, corrected by designer.**
11. User request the 3' reduction of RTUO (210) be absorbed in RTUO (208) to provide new dimension of 24'11" by 29'-7-3/8". **Will comply, corrected by designer.**
12. User requests the following room re-designation:
 - a. SITUO (205) changes to RTUO (205)
 - b. SITUCO (204) changes to RTUCO (204)
 - c. RTUO (208) changes to SITUO (208)
 - d. RTUCO (207) changes to SITUCO (207) **Will comply, corrected by designer.**
13. Consider the corridor (200) alcove area outside River Ops Control Watch (206) as a potential area for shredders, recycle bins, in addition to a common coffee mess area. User requests installed finished counter top, approx 10' long at a height 36-40" above the floor, with power available for small appliances (20A circuit). **Referred to Interior Designer. Designer will provide 12' counter.**

Bldg 2441 – Boat Maintenance/Staging Area

1. Consideration for floor drainage. With the possibility of fuel/oil/coolant spills, user concerns are whether the spills can be contained and directed. Reports are that a floor height, open gutter is included in the RFP to address this concern for containment. **Trench drain system and oil water separator is being detailed by project mechanical engineer.**
2. Overhead 110V, Air and Water service connections. Users requests two overhead hose and reel style service stations that can be dropped/pulled down to provide quick turnaround service without trip hazards in the maintenance floor area. **Referred to project electrical engineer.**
3. 110V, Air and Water service connections throughout the staging area and water hose bibs at six locations (2 per elevation) on the exterior of the building. **Referred to project mechanical engineer.**
4. Floor finish. User recommends a broom finish (not smooth) for some texture/non-slip footfall but also a clear seal coat to minimize absorption of spills and liquids. **Discussed at recent review meeting, broom swept finish is not appropriate, clear seal coat will be provided.**
5. Ensure appropriate outfitting for first aid and AED's. **Will comply, corrected by designer.**

6. Users requests consideration to incorporate two small Weapons Cleaning Machines, possible located on the outside NW exterior wall. **Discussed at recent review meeting, not in RFP, funds not available at this time.**

Bldg 2442

1. Print A2.1 indicates 24 interior bollards inside the building. User requests elimination of these bollards due to the high potential for damage to boats, trailers, and vehicles during transport. **Discussed at recent review meeting, interior bollards have been eliminated.**
2. Platform construction.
 - a. Although final confirmation is uncertain, User believes the width of the platform can be narrowed to 48" unless UFC or higher level reference mandates width at 60".
 - b. User preference would be for an open-grate steel deck, running the full length of the building. It is suggested that concrete/cement platforms be located inside the stairway access doors, then transition to steel, open-grate deck/platform.
 - c. User recommends setting the BOTTOM HEIGHT of the platform/deck walkway at 66".
 - d. User questions why there is no conveyance for pedestrian traffic from the platform to the lower building floor area. If needed. The users suggests two 48" stairways, located at a inside point, aligned with the centerline of the exterior stairways.

Discussed at recent review meeting. Rear platform to be 72" wide, 84" high, with 66" clear underneath, open grate steel deck, running the full length of the building. Four interior stairways are being provided with exterior stairway system being eliminated.

DESIGN COORDINATION AND REVIEW - COMMENTS
NAVAL SPECIAL WARFARE COMMAND, SAN DIEGO, CA

PROJECT MANAGER:
Terry Artrip, NAVFACSE

COMMENTS BY: Sam Martindale, P.E.		CODE: N4412	PHONE: 619-447-0772	DATE: 12 Feb. 2009
PROJECT TITLE AND LOCATION: MILCON P210, SOF RIVERINE & COMBATANT CRAFT OPS FACILITY (SBT-22) NASA STENNIS SPACE CENTER, MS				TYPE OF REVIEW: 65% Design
NO.	DWG.NO. or SPEC.SECT.	COMMENTS		A-E RESPONSE
1	All Dwgs	Follow requirements in UFC 1-300-2 and UFC 1-300-09N. Use the standard labeling , section cut, and detail bubble labeling system. At the start of each discipline there should be a discipline title sheet with list of abbreviations and a legend of symbols use in the sheets with that discipline.		Corrected by designer.
2	Dwg T-1	Index of Drawings: Add a column for NAVFAC Drawing Numbers. They are issued after the pre-final submittal via the NAVFACSE IPT PM.		Corrected by designer, column added to Sht. Cover 1.
3	Dwg T-2	IBC 2006 Notes: Please verify the references to sections 903 and 907. The wording is odd. You start out saying not required and then in the second sentence indicate the item will be provided. I believe the UFC governs each of these items and not the IBC. Please verify requirement list in the RFP and with the NAVFACSE Fire Protection Engineer.		This is being re-written by the Architect to clarify compliance with each code involved.
4	Dwg S2.1	<p>This sheet is labeled as "Storage Building Foundation." This sheet shows the entire compound and the surrounding area and seems to be mislabeled.</p> <ol style="list-style-type: none"> 1. A foundation plan needs to be a larger scale focusing on the buildings only, with a large enough scale to see all necessary dimensions and showing section cuts for details. 2. A foundation plan needs to show the coordinates for at least two corners to each building, otherwise how is an accurate location assured? 3. Why show on these drawings the wash rack, the helo-pad, the new sheet pile wall, and the launch ramp work, when none of these options have been awarded? 		<p>This sheet has been relabeled as C1.1.</p> <ol style="list-style-type: none"> 1. Foundation plan for Boat Storage Building 2442 is now labeled S2.1. 2. Coordinates will be added by engineering staff. 3. Non awarded options have been deleted.

5	Dwg S.??	Seem to be missing all structural sheets showing structural framing. You need to submit a complete all in one package, even though you may be using a vendor for the building .	Sht. F1.1, Bldg. 2440 Flr. Framing Plan added to package. Further details to be added to package.
6	Dwg C 2.1	Repeat Comment – Have you obtain NASA concurrence to connection the POV lot to Lower Gainsville road? This drawing is labeled as “Overall Drainage Plan.” Normal practice is to show the new contour lines. Provide the full description of the Benchmark to be used the construction of this project, both vertical and horizontal controls.	Broadmoor has received an email from Paul Mullins dated March 5, 2009, indicating approval. Contour lines and benchmark data to be added by engineering staff.
7	Dwg C 2.2	Please clarify the various diagonal lines. Do they represent drainage swales? If yes don't we need a construction detail? Repeat Comment: Change the enclosure around the trash dumpster. For durability make the fixed wall CMU block, match color and type use on the buildings. Entrance way should be swing and lockable metal gates, either solid painted steel or galvanized chain-link fence with privacy slats.	Clarified on symbol schedule Sht. C1.0. Construction details provided on Sht. C2.1. Dumpster enclosure revised as per comment.
8	Dwg C 2.3	The fence line crosses the compound entrance driveway. Need to show and specify a gate. Is it double swing or sliding? Does it need to be automated? Do we need a badge swipe and video camera connected to the Main SBT 22 quarter deck?	A gate with all accessories will be provide in accordance with recently received UFC. Video camera to be building mounted.
9	Dwg C 2.4	All these details need the appropriate labeling bubble indicate the detail number, the from sheet and the to sheet (this sheet).	Corrected by designer.
10	Dwg C 3.1	The abbreviations used on this sheet needs to be on the Civil Title sheet. The details on sheet C 3.2 need section cut bubbles from this sheet.	Corrected by designer.
11	Dwg C 3.2	All these details need the appropriate labeling bubble indicate the detail number, the from sheet and the to sheet (this sheet). The Legend on this sheet needs to be on the Civil Title sheet.	Corrected by designer.
12	Dwg C4.1	Label the sidewalk that surrounds the Boat Storage Building.	This sidewalk is being deleted beyond building personnel entrances.

13	Dwg S 1.1	Show section cuts on the plan view with corresponding details on this sheet.	Corrected by designer.
14	Dwg S 1.2	Bollard Detail: Where is this detail used in plan view? Add a Detail bubble to the label line similar to how you labeled Section A and B. If this is protecting some structure from vehicle impact, suggest you increase the height to 4-5 ft to make sure it is visible from the backing maneuvers of the large SBT-22 vehicles (large pickups and Vans.)	Corrected by designer. Bollard detail corrected as per recent review meeting discussion.
15	Dwg S 2.1	Bollard Detail: Where is this detail used in plan view? Add a Detail bubble to the label line similar to how you labeled Section A and B. If this is protecting some structure from vehicle impact, suggest you increase the height to 4-5 ft to make sure it is visible from the backing maneuvers of the large SBT-22 vehicles (large pickups and Vans.)	Corrected as per Item No. 14 above.
16	Dwg A 1.1	The shower area needs a drying area with benches and towel hangers as you exit the shower. Appears that you may have to delete 2 cages to make this happen. Many abbreviations on the see that should be displayed on Architectural Title sheet – see comment #1.	Shower area revised as per recent review meeting discussion. Corrected by designer.
17	Dwg A 1.1 Second	Sheet should be A 1.2. Add term EWC to legend. Does the Coffee counter in the hallway include a sink and garbage disposal? For the counter in the River Ops Control Room, please indicate the inclusion of slots spaced evenly apart to allow the pass through of computer power cords and other connection cords.	Corrected by designer. Corrected by designer. Yes, corrected by designer and I.D. staff. Corrected by designer and I.D. staff.
18	Dwg A 1.3	The bottom have of the Section A label bubble have the numbers reversed. The left side indicates the from sheet and should list A1.1, A1.2 and the right side indicates the to sheet and should list A 1.3.	Corrected by designer.
19	Dwg A 1.4	Add a detail bubble to the section label line that provides a section number or alpha designation and show the from and to see sheet.	Corrected by designer.

20	Dwg A 1.6	<p>The elevation views on the building should be showing a rain gutter and down spout system for handling the rain fall off the roofs.</p> <p>The label for the bollards should include the standard detail bubble, with the top half indicating the detail number on sheet where the detail is shown, the bottom left half indicating the from sheet (A 1.6), and the bottom right half indicating the to sheet (C 1.3). Also per my previous comments the height needs to be 4-5 feet tall in order to be seen from the larger SBT22 vehicles, while backing.</p>	<p>Designer coordinating gutter and downspout system with Met. Bldg. provider.</p> <p>Corrected by designer.</p>
21	Dwg 1.7	<p>There is a disconnect between this sheet and the architectural roof plans sheet, as to whether the exit stairs have a covered roof.</p>	<p>Covered roof to be indicated on all appropriate drawings.</p>
22	Dwg A 1.10	<p>Make the following changes /improvement to the design:</p> <p>For the first floor male shower – Per my comments at the CDW provide an entry area to the shower that provides an area for users to both undress and to dry post shower. This area should be large enough to support at least 50% of the occupancy of the shower. It should have a continuous bench along the wall and multiply hooks for hanging clothing and towels.</p> <p>Inside the shower area, what is the purpose of the hook adjacent each shower head? Instead of the hook, provide at each shower head a small stainless steel shelf for placing personal shower items like shampoo bottles, soap bars or body soap bottles, etc.</p> <p>In all restrooms (Heads) provide a seat protector dispenser behind each toilet. Inside each toilet stall provide a hook to hang jackets. Near the entrance door provide a stainless steel shelf to place items a person may be carrying, such as file folder, clip boards, drinks, etc.</p> <p>I expect better performance from your designer on these types of details. Even your Design QCM should be able to pick up on these types of items. I should not have to police you to provide a quality product you can be proud of.</p>	<p>Shower and restroom details to be revised in accordance with discussion at recent review meeting to include the changes/improvements indicated.</p>

23	Dwg A 1.?	Sheet following A 1.10 is the roof plan for the combined Operations and Maintenance buildings, but is mislabeled in the vertical title block. Looks like sheet number should be A 1.11.	Corrected by designer.
24	Dwg E 1.0	Nicely done electrical discipline title sheet. Good layout and very comprehensive. Good Job!!!	Response by others.
25	Dwg E 2.1	Recommend adding a double head fixture (a fixture on opposite side of the pole) to the F11A light pole near the pedestrian walkway between the parking lot and the Riverine Compound.	Response by others.
26	Dwg E 4.1	Need to increase the number of outlets in the walls around the perimeter of the SEAL cage room. Need both for now with access from the rear of the cages. Also go for the future in case the room's occupancy is changed. Need a NP outlet in the Armory. Need a NP and SP outlet in the CSS office.	Response by others.
27	Dwg E 4.2	I don't see any NP or SP outlets on the second floor. Coordinate with the occupant to determine the best placement and provide an adequate number per the RFP and to provide coverage throughout the floor.	Response by others.
28	Dwg P 1.1	Where is the grease interceptor for the trench drain and where is the associated piping? Is this to be shown on the P-drawings or the C-drawings?	Response by others. We will also indicate these items on our "C" sheets.
29	Dwg P 1.2	Does the hallway coffee counter need a sink and disposal?	Response by others. See Item #17 above.
30	Specs	Section 01331N, paragraph 1.7.1 of the RFP requires the submitted design specification to be in the current CSI Masterformat. As such, you need to meet the current specification numbering scheme indicated on the Whole Building Design Site and on the CSI website (http://www.csinet.org/s_csi/sec.asp?TRAC KID=&CID=5&DID=5)	Specifications to be revised to Specsintact system as per discussion at recent review meeting.
31	Specs	General Comment: Many sections in this submittal are out of order, making review difficult. This also shows a poor Design Quality Control. Please correct at the next submittal.	Specifications to be revised to Specsintact system as per discussion at recent review meeting.

32	Specs	Section 02300, paragraph 3.17 makes reference to a Division 2 Section covering sub-drainage. That section is not included.	Specifications to be revised to Specsintact system as per discussion at recent review meeting.
33	Specs	<p>Section 02300: paragraph 3.22 refers to “owners property.” Change that to indicate “Station.”</p> <p>Regarding any project requirements indicating soil to be obtain or disposed of, do not indicate availability from the station or that the station is a place of disposal. All import shall be from off station and all export shall be to off station.</p> <p>Regarding the language in sub-paragraph B, that the Architect shall direct consider the following:</p> <ul style="list-style-type: none"> • While the design and construction is internal to your organization, how much involvement do you want the architect to provide? • If you are allowing the Architect or Design of Record to provide direction to the construction crew, consider that any direction that changes contract time or cost can only come from the Contracting Officer and if such direction is given without the Contracting Officer involvement it will be at your own risk and cost. 	Specifications to be revised to Specsintact system as per discussion at recent review meeting.
34	Specs	Sections 81113, 84113, and 85113 all need to indicate a compliance of doors, window, amd their frames to ATFP blast loads, as prescribe by the RFP.	Specifications to be revised to Specsintact system as per discussion at recent review meeting.
35	Calculus	The calculations are now much more complete and thorough. However they are still missing key Civil Engineer calculations showing hydrology and drainage structures capacities. Include these and the calculations from the building vendor showing structural members and column foundation loading at the pre-final submittal. Failure to submit a complete package will be grounds for rejection.	Additional / complete calculations will be provided at the pre-final submittal.
36	Design Pkg	The Design Quality Control Manager need to thoroughly review the entire design submission package to ensure it is complete, meets UFC and RFP requirements, and to look for inter-discipline coordination errors.	The DQC will comply with UFC / RFP requirements.

37	Annotated Comments	I did not receive the annotated comments from by concept design review. This is standard practice and professional courtesy to answer my comments from the previous submit at each submittal stage. Again failure to do so at the pre-final will be cause for rejection.	Response to comments from concept design review forwarded on March 2, 2009.
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DESIGN COORDINATION AND REVIEW - COMMENTS
NAVAL SPECIAL WARFARE COMMAND, SAN DIEGO, CA

PROJECT MANAGER:
Terry Artrip, NAVFACSE

COMMENTS BY: Sam Martindale, P.E.		CODE: N4412	PHONE: 619-447-0772	DATE: 05 Nov. 2008
PROJECT TITLE AND LOCATION: MILCON P210, SOF RIVERINE & COMBATANT CRAFT OPS FACILITY (SBT-22) NASA STENNIS SPACE CENTER, MS				TYPE OF REVIEW: 15% Design
NO.	DWG.NO. or SPEC.SECT.	COMMENTS		A-E RESPONSE
1	Dwg T-1	Please use the standard NAVFAC Title block and a D-Size sheet. Follow requirements in UFC 1-300-2 and UFC 1-300-09N.		Completed by designer.
2	Dwg T-1	Delete "New Government Facility" from the title. Add to the title first line – "FY2008 MILCON P-210." Add to the second line "SOF" Riverine ... Add to the fourth line "NASA" John C. Stennis		Completed by designer.
3	Dwg T-2	Change title similar to first sheet.		Completed by designer.
4	Dwg C 1.1	Plan view orientation appears to close to NASA facilities per approved site approval. See FEAD for copy. May need to rotate clockwise about 30 degrees.		Adjusted by Architect, completed by designer.
5	Dwg C 2.1	Connection of the POV lot to Lower Gainesville road is not per RFP and the NASA site approval. To connect as soon you will need to seek approval. Mr. Mullins may help, but it becomes your responsibility as you are making the deviation.		Discussed at CDW, desired by User. Broadmoor to review with NASA/Mullins.
6	Dwg C 3.1	The trash enclosure is usually a masonry wall on three sides with dual swing steel gates. Check for NASA base requirement and UFC guidance.		Corrected by designer.
7	Dwg C 4.1	Does the shrub line around the main compound perimeter pavement, but inside the fence line meet with ATFP sight visibility and requirements not to create a visual barrier allow placement of possible explosives?		The only shrubs inside the fence line are around the trash enclosure.
8	Dwg S 1.1	The concrete strength listed in the foundation notes does not match the center page note indicating 4000 psi.		Corrected by designer.
9	Dwg S 1.2	The concrete strength listed in the notes does not match the strength notes on each detail.		Corrected by designer.

DESIGN COORDINATION AND REVIEW - COMMENTS
NAVAL SPECIAL WARFARE COMMAND, SAN DIEGO, CA

PROJECT MANAGER:
Terry Artrip, NAVFACSE

COMMENTS BY: Sam Martindale, P.E.		CODE: N4412	PHONE: 619-447-0772	DATE: 03 APR. 2009
PROJECT TITLE AND LOCATION: MILCON P210, SOF RIVERINE & COMBATANT CRAFT OPS FACILITY (SBT-22) NASA STENNIS SPACE CENTER, MS				TYPE OF REVIEW: Final Early Start Design Boat Store Bldg FND
NO.	DWG.NO. or SPEC.SECT.	COMMENTS	A-E RESPONSE	
1	All Dwgs	Vertical Title Block: Make the following changes/corrections- Fill in First Initial – Last Name of the Designer, Draftsman (DRW), Reviewer (the Design QC Manager), and the PM (T. Artrip) Fill in your Construction Contract Number.	Title block filled in. Number filled in.	
2	Dwg S2.1	For Sections A and B: To be consistent, change the Compacted Fill note to read: "Compacted Fill, 12" Minimum – Compacted to 95% per ASTM 1557."	Note has been corrected.	
3	Dwg S2.1	For Sections A and B: the note indicating 4000 psi concrete does not match the specifications.	Specification has been corrected.	
4	Specs	Section 03 31 00.00 10: Paragraph 1.6.2.1 The compressive strength list for slab on grade does not match the call outs found on sheet S2.1. Please coordinate.	Specification has been corrected.	
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**Riverine and Combatant Craft Operation Facility
Stennis Space Center, MS
URS 50% Design Submittal Comments**

General

Comments

Basis of Design

The “Design Analysis/Basis of Design” is supposed to be a presentation of facts to demonstrate the concept of the project is fully understood and the design is based on sound engineering principles. At the next submittal, please provide a Design Analysis/Basis of Design prepared in accordance with RFP Section 01331N, Paragraph 1.8. Please refrain from the use of acronyms in text without having written out the full name previously. Example: “SWPPP” on the first page of this section.

Will provide at next submittal.

Civil Drawings

Comments

General

Confirm the correct drawing border to use with NAVFAC Southeast.

Corrected by designer.

General Civil

Provide graphic scales on civil sheets.

Corrected by designer.

General Civil

Provide general notes establishing the horizontal and vertical datums.

To be provided by engineering staff.

General Civil

No information has been provided in drawings and specifications regarding required additional geotechnical engineering services, undercutting of building and pavement areas, and replacement with compacted select fill. Please provide in accordance with RFP Project Program, G103099.

Will provide at next submittal.

General Civil

No alignments or details have been provided for utilities to support the facility, which include water, sewer (including lift station) and natural gas.

Will provide at next submittal.

Cover 1

Indicate the progress level of Submittal on the cover for all future submittals (e.g. 50% Submittal, 100% Submittal, etc.). All documents submitted for review should establish what submittal they are part of.

Corrected by designer.

Cover 1

Update the Index of Drawings, it currently doesn't include any mechanical or electrical drawings.

Corrected by designer.

C1.1 The sheet number and title appear incorrect.

Corrected by designer.

C1.1 Would be helpful to have site plan sheets similar to C2.2 and C2.3 that have only site plan features. Then site plan features could be removed from C2.2 and C2.3 leaving more room for the grading and drainage information that needs to be provided.

Corrected by designer.

C2.1 Some of the details and notes on this sheet are duplicates of ones on C5.2. Suggest only including once.

Corrected by designer.

C2.2 Correct the sheet title to 'Drainage Plan Part 1'.

Corrected by designer.

C2.2 Because there's so much being shown on this sheet, recommend freezing layers that are covered on other sheets (e.g. silt fence, hay bales, work area, proof rolled site access roads, etc. are all shown on SWPPP dwgs.).

Corrected by designer.

C2.2 It is not clear what the 77'-55^{5/8}" dimension at the top center of the page is dimensioning from.

Corrected and removed by designer.

C2.2 Minimum AT standoff distance line is confusing. Minimum AT standoff should be shown around individual buildings, not limits of paving. Ultimately it appears as though the only building affected by a standoff is the Operations Building. An 82' standoff should be shown around this building.

Corrected by designer. Minimum AT standoff line is shown around Operations Building 2440 & 2441 on Shts. C1.1, C1.2, and C1.3.

C2.2 Ensure the required security fence clear zones are being met in accordance with UFC 4-022-03, Security Engineering: Fence, Gates, and Guard Facilities. This requires 20 feet clear outside the fence and 30 feet clear inside the fence, from any structure, parking, or other site feature.

Corrected by designer, verified by Architect.

C2.2 In the lower left corner of the sheet there is a 'Conventional Standoff Distance 148'' note pointing in space. This project falls within a controlled perimeter, therefore this 148' standoff doesn't appear to be applicable to this project, please delete.

Deleted by designer.

- C2.2 How is motorcycle parking being designated; by sign, pavement markings, or other? Please indicate and detail.
Designation is by sign and markings with details in pre-final documents.
- C2.2 Provide signs in front of handicap, fuel efficient vehicles and carpool/vanpool parking spaces. Provide details.
Signs will be provided with details in pre-final documents.
- C2.2 Provide concrete curb and gutter or curb adjacent to all landscape islands in accordance with G202002.A.
Corrected by designer.
- C2.2 Drainage curb callout indicates detail is on this sheet. Detail is on drawing C3.2.
Corrected by designer.
- C2.2 Provide details at next submittal for: security fence and gates; dumpster enclosure; all concrete pads (e.g. antenna, chiller, cond., transformer, generator, dumpster, etc.); etc.
UFC for fence, gates, and turnstiles just received. All details will be provided in pre-final documents.
- C2.2 Callout and detail required pedestrian turnstile with card reader control between the parking lot and the Operations Building in accordance with RFP G204001.D.
UFC for fence, gates, and turnstiles just received. All details will be provided in pre-final documents.
- C2.2 and C2.3 Currently there is not enough geometry on these sheets to construct the project. Please provide all geometry for the project.
Geometry is being provided by engineering staff.
- C2.2 and C2.3 Adequate information has not been included to evaluate the overall drainage intent. Very few proposed grades have been provided; water is shown flowing thru curbs and uphill; water appears to flow to areas that are not prepared to receive the water; no structures are indicated; etc. Provide a complete design along with proposed grades, proposed contours, top and bottom of bank locations for swales, structures, etc. Be sure all off site runoff has been addressed.
Complete design is being provided by engineering staff.
- C2.2 and C2.3 Address on the drawings what the 100-year Flood Elevation is so it's clear all buildings and equipment pads are above it. Provide elevation for tops of all slabs.
Elevations provided by engineering staff.

- C2.2 and C2.3 Sidewalks around buildings are called out as 5' wide, but most of them appear to be drawn at less than that?
All sidewalks will be min. 5' wide and will be dimensioned on plans.
- C2.2 and C2.3 Provide pavement markings and signage at the next submittal.
Corrected by designer.
- C2.2 and C2.3 Provide bollards at all vehicle access doors for the Boat Maintenance Building and the Boat Storage Building in accordance with RFP G202005.B.
Bollards will be provided in accordance with discussion at recent review meeting, 4' high, in locations as requested by User.
- C2.2 and C2.3 Provide signage for the facility in accordance with RFP G204005.
Signage will be indicated on pre-final submittal.
- C2.2 and C3.1 Parking lot site plan on C2.2 doesn't agree with paving plan on C3.1. One indicates plantings at the center of the parking lot and the other indicates an 8' sidewalk?
Corrected by designer.
- C2.3 Provide and detail motor operated double sliding vehicle access gate with card reader control on both sides in accordance with RFP G204001.C.
Will be provided and detailed in accordance with recently received UFC.
- C2.3 Coordinate location of lockable, single leaf swing gates with Users. Currently, one is located behind a curbed area and the other is located next to a swale/ditch.
Discussed at recent review meeting and will be provided in accordance with User desires.
- C2.3 Clarify the drive has an asphalt width of 24' as required by RFP G2010.A.
Drive will be min. 24' wide and shown by designer.
- C2.3 Delete reference to boat ramp widening work or say not in contract.
Corrected by designer.
- C2.3 and C3.2 C2.3 indicates drainage curb along the south side of the asphalt drive 'only', but C3.2 indicates a 6" curb along the north side of this same drive? Please clarify which is correct; it seems odd to have curbing along only one side of a road.
Corrected by designer, all curbs along roadways have been deleted.
- C2.4 Some of these details belong on paving detail sheets, not on the drainage detail sheet.
Corrected by designer.

- C2.4 Where are the 'Joints' and 'Parking Bumper' details intended to apply?
Will be corrected by designer and engineering staff.
- C3.1 Detail concrete motorcycle parking in accordance with RFP G2020.A.
Will be detailed by designer.
- C3.1 Concrete bicycle rack slab and sidewalk along south side of parking lot are not shown on this plan? Provide adequate information for construction of bicycle rack slab.
Will be corrected by designer and engineering staff.
- C3.1 Where does drainage curb start and stop? Limits are not clear on this drawing.
Corrected by designer.
- C3.2 We suggest removing the 3 big dark circles (existing dolphin) falling across the details. This applies to other sheets as well.
Corrected by designer.
- C3.2 Some text in the details on this page are showing up larger than they should and it's overlapping other text.
Corrected by designer.
- C3.2 Detail "A" – The initial saw cut is not deep enough. For 7" concrete we suggest saw cut be at least 2 inches deep.
Corrected by designer and engineering staff.
- C3.2 The curb detail indicated on this sheet will not work for the drainage curb indicated along the asphalt drive.
Corrected by designer.
- C3.2 Expansion Joint (EJ) – The joint type shown does not appear to contain any expansion joint material and is not really an expansion joint. It appears this should be a construction joint or doweled control joint.
Will be corrected by designer and engineering staff.
- C3.2 Keyways are not desirable with concrete pavement this thin (7"), please revise details.
Will be corrected by designer and engineering staff.
- C3.2 Asphalt Roadway Section – Please make it clear if this section also applies to parking lot pavement. Indicate all required tack and prime coats at base and between lifts.
Will be corrected by designer and engineering staff.
- C3.2 Asphalt Roadway Section – Note for excavating 10" is not clear in intent.
Corrected by designer.

- C3.2 Sidewalk Joint – Define depth of WWM placement and provide detail for expansion joint.
Will be corrected by designer and engineering staff.
- C4.1 Correct the sheet title to ‘Landscaping Plan Part 1’.
Corrected by designer.
- C4.1 and C4.2 Add landscaping callouts to these Landscaping Plans.
Corrected by designer.
- C4.1 and C4.2 In accordance with RFP PTS G205005, provide required concrete edging material, weed fabric and 3” of mulch. Two inches of mulch is currently indicated in the details on C4.2.
Corrected by designer.
- C4.2 Handicap details shouldn’t be shown on Landscaping Plans.
Corrected by designer.
- C4.2 Handicap Parking Sign – Proposed handicap parking spaces don’t appear to be sized as van accessible. Either revise size of parking spaces or remove van accessible sign from this detail.
Corrected by designer.
- C5.1 Text is falling off the right side of the sheet.
Corrected by designer.

Civil Specifications **Comments**

- Division 1 The Division 1 Specifications should be taken directly from Part 2 of the RFP, unedited, and included as the project Division 1 Specifications. Please delete any overlapping Contractor prepared Division 1 sections included with the 50% Submittal.
Corrected by Architect.
- 02300 In accordance with the RFP, please resubmit this section as UFGS 31 23 00.00 20, Excavation and Fill.
Corrected by Architect.
- Missing Civil No specifications have been provided for: clearing and grubbing; undercutting; water; sewer; storm; natural gas; landscaping (sod, seed, plantings, etc.); asphalt pavements and base course; concrete pavements; pavement markings; and fencing and gates. In accordance with the RFP, submit the following UFGS Specifications:
31 23 00.00 20, Excavation and Fill
32 11 26.16, Bituminous Concrete Base Course

- 32 11 16.16, Base Course for Rigid and Subbase Course for Flexible Paving
- 32 11 24, Graded Crushed Aggregate Base Course for Flexible Pavement
- 32 10 00.00 25, Bituminous Concrete Pavement
- 32 12 10, Bituminous Tack and Prime Coats
- 32 13 13.06, Portland Cement Concrete Pavement for Roads and Site Facilities
- 32 17 23.00 20, Pavement Markings
- 33 40 01, Storm Drainage

In general, specification manual will be submitted at pre-final in Specsintact format. Proposed table of contents will be provided prior to that as discussed at recent review meeting.

General

Has a submittal register been developed for this project? Please provide with 100% Submittal.

Submittal Register initiated on January 7, 2009 and will be provided at pre-final submittal.

Structural Drawings

Comments

- | | |
|-------------------|--|
| S1.1 | Detail "Typical Beam" indicates draped strand in the concrete beam. Plan and calculations do not show that. Please coordinate.

Post Tensioned system deleted as of 3/11/09. |
| S1.1 | Foundation General Notes refer to pile foundation, but there is no indication of a pile foundation in the plan. Please coordinate.

Corrected by designer. |
| S1.1 | There is no second floor framing plan included in the submittal for Bldg.2440?

Sht. F1.1, Bldg. 2440 Flr. Framing Plan added to package. Further details to be added to package. |
| S1.1, S1.2 & S2.1 | Detail "Typical at all overhead doors" refers to sheet C-3, which is not in this submittal.

Corrected by designer. |
| S1.2 & S2.1 | Calculations call for 6" post-tensioned slab and 7" reinforced concrete, but drawing shows 5" in "typical control joint detail" and 8" in sections A/S1.2 and B/S1.2. Please coordinate the thickness and type of structural system for the slab (reinforced or post-tensioned).

Post Tensioned system deleted as of 3/11/09. Calculations and details to be revised by engineering staff. |

- S2.1 Provide reinforcing and thickness for 5x5 level landing.
Will be provide by designer and engineering staff.
- S-01 (shop dwg.) In these shop drawings, what does note under Foundation Plan “Max. fill height allowed = 20 inches” mean?
Shop drawing will be revised and resubmitted.
- S-01 (shop dwg.) Notes on these shop drawings should be revised to be project specific.
Shop drawing will be revised and resubmitted.

Architectural Drawings

Comments

- General Provide a sheet indicating symbols, abbreviations, and their meaning (sheet cut on, sheet shown on, etc.). Locations of section cuts shown in this drawing set are difficult to trace.
Corrected by designer.
- General Provide a Life Safety Plan for each building indicating fire separations, access to exits, exit capacity, occupancies of each space, travel distances to exits, etc.
Life Safety Plan to be provided by DBFPE and coordinated with Architect.
- General Why is 5/12 roof slope proposed on Buildings 2440 and 2442 and 4/12 slope proposed on Building 2441?
As discussed at recent review meeting, to avoid undesirable roof plan.
- Cover 1 and 2 Delete “NASA” from title of the project.
Corrected by designer.
- Cover 2 Obtain written concurrence of NAVFAC Fire Protection Engineer that the Maintenance and Staging Building (2441) is F-1 occupancy instead of H occupancy.
Will be coordinated by Architect.
- Cover 2 None of the square footages for space or floor match the square footages indicated on the drawings (A1.1 or A1.2). As an example: 1st Floor – 8,759 SF vs. 8,584 SF; Cages – 4,467 SF vs. 4,516 SF; Armory – 1,456 SF vs. 1,484 SF; and Maint/Staging area – 6,642 SF vs. 6,879 SF. The number of occupants may need to be re-stated once you determine which statements of area are correct.
Corrected by designer.
- Cover 2 Under “Exit Access Requirements,” the correct reference should be to Table 1015.1 (not to Section 1014), and the correct wording should be that “2 exits are required for greater than 49 occupants.”
Will be corrected by designer and Architect.

- Cover 2 For exits from the Armory, refer to 1015.2.1, Exception 1, which says that for buildings equipped with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2, the separation distance of the exit doors shall be not less than 1/3 of the length of the maximum overall diagonal dimension of the area served. You may need to add an exit or move one of the exits further from the other.
- Will be reviewed and coordinated with DBFPE. Occupant load of 15 may require only one exit.**
- Cover 2 Exit access travel distance per Table 1016.1 is 250 feet for F-1, occupancy with a sprinkler system, not 300 feet as indicated on this drawing.
- Corrected by designer.**
- Cover 2 Delete Exit access travel distance for H-1 occupancy if there is no H-1 occupancy area.
- Corrected by designer.**
- Cover 2 Allowable Height and Building Area has conflicts. First floor of Building 2440 is not 6,554 SF on the 1st floor, nor 6,682 SF on the 2nd floor (per Sheet A1.1). Similarly, Building 2441 stated area of 8,098 SF does not agree with Sheet A1.1. Please revise after you have rectified the actual square footages.
- Areas to be corrected by designer and will be reviewed by Architect.**
- Cover 2 Despite the fact that the Facility (Stennis or NAVFAC) has designated 2440 and 2441 as two buildings, are they not - for construction and code purposes – one building with ‘mixed use (non-separated) occupancy? If so, how does this affect the code analysis? If they are two separate buildings, it appears that they could require a fire-resistant wall between them per Table 602 (X<5 feet).
- Will be reviewed and coordinated with DBFPE. Architect intends to detail a rated wall between 2440 & 2441.**
- Cover 2 Verify that a fire protection system is required by 903.2.3 as stated in your code analysis.
- Will be reviewed by Architect.**
- Cover 2 Verify Basic Wind Speed of 130 MPH, since this indicates it came from Figure 1609 (IBC) alone, not from IBC, ASCE 7-02, and UFC 3-310-01, as required by RFP Part 4, Section B10 1.3.2.2.
- UFC 3-310-01 calls for Wind Speed of 130 MPH at Stennis. Engineering staff to review.**
- Cover 2 Use Importance Factor of II per RFP Part 4, Section B10 1.3.2.1, not III as indicated on this drawing. Recalculate all design loads listed based on the correct parameters.
- Will be reviewed by engineering staff.**

- Cover 2 Life Safety Code Analysis – Add Building 2442 to this analysis.
Will be reviewed and coordinated with DBFPE and added to package.
- Cover 2 Life Safety Code Analysis – Per NFPA 101, Table 6.1.14.4.4(b), Business Occupancies are required to be separated from all Industrial and Storage occupancies by 2-hour rated construction (and may be reduced to 1-hour with an approved automatic sprinkler system).
Will be reviewed and coordinated with DBFPE.
- Cover 2 Life Safety Code Analysis – Check square footages, they need to match what is on the plan sheets.
Will be reviewed and coordinated with DBFPE.
- Cover 2 Life Safety Code Analysis – Verify whether or not the Armory is a High Hazard Occupancy, and modify your analysis accordingly.
Will be reviewed and coordinated with DBFPE.
- Cover 2 Life Safety Code Analysis – Use of 100 SF/ person and 45 occupants for cages conflicts with Building Code analysis. Please be consistent.
Will be reviewed and coordinated with DBFPE.
- Cover 2 Life Safety Code Analysis – Exit Access Travel Distance for sprinklered General Industrial Occupancies is 250 feet per Table A.7.6., not 300 feet as indicated on this drawing.
Corrected by designer.
- Cover 2 In the Building Code Analysis for Building 2441, does the square footage on this sheet match the square footage of this building as indicated on Sheet A2.1?
Corrected by designer.
- Cover 2 Revise Basic Wind Speed, Importance Factor, and all load analysis for Building 2442 in accordance with previous comments for Buildings 2440 and 2441.
Will be reviewed by engineering staff.
- General Ensure that formal interviews with the Users are performed and that the results are well documented and distributed to all relevant parties.
Interview conducted on 12/17/08, will verify documentation and distribution.
- S1.1 Show cage pedestals on this drawing. (Repeat Comment from Concept Submittal).
Corrected by designer.
- S1.1 Make sure to accommodate drains in cage area, heads, showers, mechanical room, as well as trench drains in boat maintenance area. (Repeat Comment from Concept Submittal).

Will be corrected by designer and coordinated with Mechanical Engineer.

A1.1 Door from Cages 105 to Stairs 115 should swing in the direction of egress (from Cages to Stairs), not as currently shown.

Corrected by designer.

A1.1 Per previous comment, relocate doors to comply with separation requirement.

Corrected by designer.

A1.1 Indicate extent of roof overhangs on this drawing.

Corrected by designer.

A1.1 Should bollards be provided on the inside of the Maintenance and Staging area to protect coiling doors from the inside?

Discussed at recent review meeting, deleted by User.

A1.1 Provide indication of where exterior elevations are cut/shown.

Corrected by designer.

A1.1 Please explain need for Vault Door Hinge on Door 01.

Corrected and deleted by designer.

A1.1 Provide elevations of doors and frames to accompany door schedule.

Will be provided by designer and Architect.

A1.1 If Door 02 is going to function as an entrance door, it should have an entrance mat, be an insulated door, have min 6" x 12" vision panels (1 per leaf), and have a knock box.

Corrected by designer.

A1.1 Indicate Door 03 at Side Entry 104 and Rear Entry 101 are to be hollow metal, have an entrance mat, knock box, and min 6" x 12" vision panel – or make this a different door number. Door 03 shown at other locations should be indicated as hollow metal.

Corrected by designer.

A1.1 Please explain the requirement for a deadbolt on Door 04(s).

Corrected and deleted by designer.

A1.1 Please explain requirement for STC of 42 for Door(s) 09.

Corrected and deleted by designer.

A1.1 Indicate materials and hardware requirements for Door 05 and Door 017.

Corrected by designer.

A1.1 Please explain purpose of un-numbered door between Stairs 115 and Vestibule 116. Delete if unnecessary, and number/label if required.

Corrected by designer.

A1.1 Please identify where to find the wall section cut by 1/A1.1/A3.1 on west exterior wall of Cage area. Depictions on Sheet A3.1 are for interior walls.

Will be reviewed by Architect and corrected by designer.

A1.1 Indicate on this sheet the extent of enlarged plan details for toilet rooms.

Corrected by designer.

A1.1 Provide an enlarged detail of Stair 115 and Vestibule 116.

Corrected by designer.

A1.2 Revise the sheet number from 'A1.1' to 'A1.2'.

Corrected by designer.

A1.2 Identify the thin line that encircles the second floor plan, approximately 1.5 feet away from the walls on the west, north, and east sides, and over 20 feet away on the south side.

Corrected by designer, labeled as overhang.

A1.2 We suggest that this sheet is a better place than Sheet A1.1 to show the window schedule, since there are no windows on the first floor.

Corrected by designer.

A1.2 Delete one 'p' from 'RIVER OPPTS CONTROL WATCH' here and on the Room Number Schedule on Sheet A1.1.

Corrected by designer.

A1.2 Show extent of adjacent Building 2441.

Corrected by designer.

A1.2 It appears that the south window in the west wall of Room 210 may need to be re-located due to conflict with adjacent Building 2441.

Will be reviewed by Architect.

A1.2 Finish Schedule – Refer to RFP Part 4, Section C10, Paragraph C102001 1.2.1 Sound Insulated Doors and Frames. This paragraph directs the D/B Contractor to “provide sound insulated doors and frame assemblies into rooms requiring wall assemblies to be sound insulated with a Sound Transmission Class (STC) rating as required. The STC rating for the door and frame assembly shall be not less than the wall assembly STC rating.” The intent of the RFP was to require specific STC ratings for walls in specific rooms – not for all rooms. Door/frame assemblies in rooms with a specified STC are to be sound insulated in accordance with the paragraph above. Other doors/frame assemblies do not need to be sound insulated. Please correlate the Finish Schedule on this sheet with the Door

Schedule to make sure that all door/frame assemblies in walls requiring an STC rating are rated accordingly.

Will be reviewed by Architect and corrected by designer.

A1.2 Finish Schedule – Wall finish for Entry should be IRWT/EP.

Corrected by designer.

A1.2 Finish Schedule – The RFP calls for the floor finish in CSS to be CPTT-1, since this is office space. The Schedule indicates concrete.

Discussed at recent review meeting, User prefers concrete.

A1.2 Finish Schedule – The RFP called for a GWB ceiling for the Entry. This was to avoid placing acoustical tile in the ceiling at frequently-used entrances where they will be subjected to high humidity, which could cause the tiles to sag. The Finish Schedule shows acoustical ceiling tile (ACT) at entrances with a finished ceiling. It might be acceptable to leave ACT as the finish for Entry 102 because of infrequent use, but we feel the GWB should be used at Vestibule 116, and metal panels on the soffit at Side Entry 104.

Discussed at recent review meeting, ACT deleted, metal panels to be used at 104.

A1.2 Finish Schedule – Please provide recessed mats at all entrances in accordance with the RFP.

Corrected by designer.

A1.2 Finish Schedule – The RFP (see Part 3, Page 26) called for the walls around all telecommunications rooms to extend to the structure above. Please review the Room Requirements in Part 3 of the RFP to ensure that you have accurately identified all rooms that are required to have walls extend to the structure above.

Will be reviewed by Architect.

A1.2 Finish Schedule – The Coffee Mess was identified as part of the River Ops Control Watch Station on Page 35 of part 3 of the RFP. The counter for the Coffee Mess is required to be a minimum of 12 feet long and is to consist of base cabinets and wall cabinets.

Corrected by designer.

A1.3 Suggest moving the “Detailed Building Requirements (Main Wind Force Resisting Components)” to one of the Structural Drawings.

Corrected by designer.

A1.3 Show connection detail of the 6” CMU wall to the steel frame.

Detail being developed by engineering staff in coordination with Met. Bldg. provider.

- A1.3 Show through-wall flashing at intermediate locations, steel stiffening angles, control joints and/or expansion joints, and other information relevant to construction of the CMU wall.
- Details being developed by Architect.**
- A1.3 Top left detail – Number this detail. Identify location of through-wall flashing. Identify the location of the insulation between the wythes of this wall system. Provide a minimum of 1” actual dimension air space, not including insulation space, between wythes in accordance with RFP Part 4, Section B20, Paragraph B201001 1.1.3. Provide bituminous dampproofing in accordance with RFP Part 4, Section B201002 1.1.1, not ‘Tyvek’ as indicated on this drawing.
- Details being developed by Architect. Tyvek has been deleted.**
- A1.3 Right center detail – Number this detail. Identify location of through-wall flashing. Identify the location of the insulation in this wall system. Show ‘1/2” Densglass Gold Sheathing’ indicated in Section A in this detail. Provide bituminous dampproofing in accordance with RFP Part 4, Section B201002 1.1.1, not ‘Tyvek’ as indicated on this drawing.
- Details being developed by Architect. Tyvek and Densglass have been deleted.**
- A1.3 Section A – Label rooms in this section. Indicate how you intend to address the juncture of the steel frame and the acoustical ceiling. The ceiling is to be flat; there shall be no inclined areas. Identify the meaning of note indicating ‘6” CMU @ 8” O.C.’ at the bottom left of this section. Provide detail of area around and construction of ‘cast stone lintel.’ Identify lines below perimeter beam at inside face of 6” CMU. Verify that 6” CMU will span 25 feet vertically. Indicate Building 2441 in the right side background. Provide graphic depiction of rigid insulation within the roof system.
- Section being revised by Architect and designer; 6” CMU has been replaced with 8” CMU. Cast stone lintel detail will be provided.**
- A1.3 Provide background and derivation for U-Factors and R-Values indicated at top of this sheet.
- Calculations to be provided by engineering staff.**
- A1.4 Remove the north arrow from this building section and label it as Section B.
- Corrected by designer.**
- A1.4 Indicate walls that extend to roof above – generally, the “10’ Stud Walls” indicated are not correct.
- Corrected by designer.**
- A1.4 Provide details at the roof overhang at each end of this section.

Detail to be provided after coordination with Met. Bldg. provider.

A1.4 Top left detail – Number this detail. Identify location of through-wall flashing. Identify the location of the insulation between the wythes of this wall system. Provide a minimum of 1” actual dimension air space, not including insulation space, between wythes in accordance with RFP Part 4, Section B20, Paragraph B201001 1.1.3. Provide bituminous dampproofing in accordance with RFP Part 4, Section B201002 1.1.1, not ‘Tyvek’ as indicated on this drawing. Verify that 6” CMU conforms to the physical construction requirements cited on RFP Part 3, Page 15 describing construction enclosing the Armory.

Detail being revised by Architect. Tyvek and 6” CMU have been deleted.

A1.5 In Section C, please indicate aspects of the west wall of the space, including windows on 2nd floor of building 2440.

Corrected by designer.

A1.5 Suggest moving the “Detailed Building Requirements (Main Wind Force Resisting Components)” to one of the Structural Drawings.

Corrected by designer.

A1.5 Indicate extent of coiling doors, bollards, and other features.

Corrected by designer.

A1.5 See comments on Sheets A1.3 and 1.4 concerning issues with detail on this sheet.

Corrected by designer.

A1.5 Provide background and derivation for U-Factors and R-Values indicated at top of this sheet.

Calculations to be provided by engineering staff.

A1.5 Provide graphic depiction of rigid insulation within the roof system.

Corrected by designer.

A1.5 Show ‘1/2” Densglass Gold Sheathing’ indicated in Section C in a detail.

Corrected by designer, Densglass deleted.

A1.5 Show profile of boat on trailer to help verify clearances.

Corrected by designer.

A1.6 Right Side Elevation – 25’-0” eave height depiction does not correspond to location of eave. Correct ‘River OPSS’ at left portion of Right Side Elevation. Elevation indicates use of 8” CMU Split Face; all previous drawings indicate this to be 4”. Please reconcile. Is ‘vented metal soffit’ required in a vertical application? Elevation indicates that there are 12 bollards, but only 10 are depicted. Indicate gutters and downspouts.

- Corrected by designer.**
- A1.6 Left Side Elevation – 25’-0” eave height depiction does not correspond to location of eave. Elevation indicates that there are 12 bollards, but only 10 are depicted. Elevation indicates use of 8” CMU Split Face; all previous drawings indicate this to be 4”. Please reconcile. Indicate gutters and downspouts. Identify ‘SL’ at bottom center of this elevation.
- Corrected by designer. Gutter and downspout design being coordinated with Met. Bldg. provider.**
- A1.6 Both Elevations – Indicate location of control joints and/or expansion joints in the masonry.
- Joints to be determined by Architect and shown by designer.**
- A1.7 Front Elevation – Provide a detail of bolting the stair platform to the building. Provide a detail of the 12” x 4’ deep concrete pillar for stair column and attachment of the two.
- Detail to be provided after coordination with engineering staff.**
- A1.7 On the Rear Elevation, provide details of connections of stair elements.
- These stairs have been deleted by the User.**
- A1.7 On the Typical Handrail/Guardrail Detail, refer to UFAS, not ADA or ADAAG. Also, refer to UFAS Figure 19(c) and 19(d) for the correct depiction of handrail extensions at bottom and top of stair runs and modify this drawing to comply.
- Corrected by designer.**
- A1.7 Both Elevations – Indicate location of control joints and/or expansion joints in the masonry.
- Will be corrected by designer after review by Architect.**
- A1.8 and A1.9 Remove square footages from this sheet.
- Corrected by designer.**
- A1.8 and A1.9 Indicate room names on the plan view instead of providing a Room Number Schedule.
- Corrected by designer.**
- A1.8 and A1.9 Providing a graphical materials legend instead of the abbreviation legend provided.
- Will be corrected by designer after review with Architect.**
- A1.9 Verify extent of acoustical ceiling tile.
- Will be corrected by designer after review with Architect.**
- A1.10 Locate soap dispensers (Item #5) above lavatories, not between lavatories as shown, so when they drip, they don’t drip over the floor.

Corrected by designer.

A1.10 Delete reference to ADA clear space, since UFAS is the governing code for accessibility in DOD facilities.

Corrected by designer.

A1.10 In Female Head 212 – Center mirror above the lavatory.

Corrected by designer.

A1.10 In Head 109 – The Grab Bar designation should be ‘4,’ not ‘10.’ Also, make sure that Item 1 does not encroach on the required clear space at the lavatory in this room. Ensure that the door does not swing into the required clear space at the toilet in this room. Swinging the door out is an option.

Corrected by designer.

A1.10 Verify sizes of Items 8 and 9 in Rooms 109 and 212, and make sure Item 9 is reachable by a disabled person in Head 109.

Corrected by designer.

A1.10 Verify that shower stall in Shower 108 complies with the size requirements for this item in UFAS. It does not appear that the shower shown complies with either Fig. 35(a) or 35 (b).

Corrected by designer.

A1.10 Show locations of floor drains in the rooms indicated on this sheet.

Will be corrected by designer after review with Mechanical Engineer.

A1.10 Indicate dimensions of toilet partitions and urinal screens.

Will be corrected by designer after review with Architect.

A1.10 We could not locate Item #14 in Rooms 10 or 112.

Corrected by designer.

A1.10 Provide mirror in Shower 108 in accordance with RFP (Part 3, page 19).

Corrected by designer.

A1.10 Provide screening for the entrance to Male Head 211. Everyone leaving the stairs will have a direct view into the first toilet stall when the door to the head is ajar.

Corrected by designer after review with Architect.

A1.10 Why are plumbing chases behind toilets and urinals different sizes (10” in Rooms 111 and 109 and 1’-5 ¼” in Rooms 211 and 212)?

4” or 10” is typical, the larger chase size is to conceal structural steel members.

- A1.11 Correct sheet number from 'A1.1' to 'A1.11'.
Corrected by designer.
- A1.11 Identify Building 2440 and 2441.
Corrected by designer.
- A1.11 Is it your intent to cover the stairs? No cover is indicated on stair elevations.
The intent is to cover the stairs, elevations will be corrected by designer.
- A1.11 Identify heavy horizontal line near north end of Building 2440.
Deleted by designer.
- A1.11 Show gutters on this drawing.
Will be corrected by designer after review with Met. Bldg. provider.
- A2.1 Identify how personnel are to access this building, particularly the center bay.
Wire mesh partitions have been deleted by User.
- A2.1 Correct the callout (A1.2/A1.3 portion of callout) for Section A.
Corrected by designer.
- A2.1 Bollards near bows of boats were shown in the RFP to protect the stairs and platform between boats. If it is determined that these stairs and elevated walkways are not necessary, the bollards may not be necessary, either.
Bollards and walkways have been deleted by User.
- A2.2 Indicate height at top of clerestory.
Corrected by designer.
- A2.2 Show gutters and downspouts.
Will be corrected by designer after review with Met. Bldg. provider.
- A2.2 Section A was cut through a coiling door on Sheet A2.1. Correct the section on this sheet to show this.
Corrected by designer.
- A2.2 Show platform on long side opposite the doors as well as rear exit doors and exterior stairs.
Platform will be shown by designer, other items have been deleted by User.
- A2.2 Show through-wall flashing at intermediate locations, steel stiffening angles, control joints and/or expansion joints, and other information relevant to construction of the CMU wall.

Details will be determined by Architect and shown by designer.

A2.2 Show profile of boat on trailer to help verify clearances.

Corrected by designer.

A2.2 Top left detail – Number this detail. Suggest taking this detail at bottom right portion of Section A and mirroring all items in the detail. Identify location of through-wall flashing. Identify the location of the insulation between the wythes of this wall system. Provide a minimum of 1” actual dimension air space, not including insulation space, between wythes in accordance with RFP Part 4, Section B20, Paragraph B201001 1.1.3. Provide bituminous dampproofing in accordance with RFP Part 4, Section B201002 1.1.1, not ‘Tyvek’ as indicated on this drawing.

Detail will be corrected similar to detail on A1.3

A2.3 This drawing indicates use of 8” CMU Split Face but the detail on Sheet A2.2 indicates this CMU to be 4.” Which is correct?

Corrected by designer, to be 4”.

A2.3 Indicate gutters and downspouts on these elevations.

Will be corrected by designer after review with Met. Bldg. provider.

A2.3 and A2.4 Both Elevations – Indicate locations of control joints and/or expansion joints in the masonry.

Will be indicated by designer after review with Architect.

A2.4 Why change scale of elevation drawings (from Sheet A2.3)?

Corrected by designer

A2.4 Indicate gutters and downspouts on these elevations.

Will be corrected by designer after review with Met. Bldg. provider.

A2.5 Indicate gutters on this drawing.

Will be corrected by designer after review with Met. Bldg. provider.

A3.1 Where do you intend to use this 2-hour wall?

Corrected by designer, 2-hour wall not needed.

A3.1 Provide UL number for Wall Section 2. (Repeat Comment from Concept Submittal).

Architect will provide UL number.

A3.1 Neither wall section will possess the (2-hour or 1-hour) rating indicated unless it extends to structural floor or roof above and penetrations are firestopped. Please clarify this on the drawing. (Repeat Comment from Concept Submittal).

Wall section will be shown in full as demised.

Architectural Specs **Comments**

Table of Contents	<p>The Table of Contents only lists sections through Division 9. Please list all sections.</p> <p>In general, specification manual will be submitted at pre-final in Specsintact format. Proposed table of contents will be provided prior to that as discussed at recent review meeting.</p>
General	<p>All references to the RFP in these comments relate to Part 4, unless noted otherwise.</p>
General	<p>It appears that many of the requirements for products described in the RFP have not been incorporated. Most specification sections read as generic specifications and have not been edited to reflect the requirements of this project. This makes it difficult for a reviewer or contractor to wade through non-applicable information to find a product intended for the project. These specifications should be re-edited.</p>
General	<p>There appear to be many missing specifications that need to be provided. Please review the work involved in the project and add additional sections necessary to completely define the products and procedures.</p>
General	<p>Section 02360 from Part 5 of the RFP needs to be included in the project. It should be included without changes.</p>
042000	<p>Paragraph 1.2.A and others throughout this section – Delete all references to materials that are not used on this project, such as concrete brick, face brick, building (common) brick, hollow brick, and limestone.</p>
042000	<p>Paragraph 1.2.B – This paragraph refers to spec sections, “Water Repellants,” “Joint Sealants,” and “Louvers and Vents” in other divisions that are not provided. Provide these sections.</p>
042000	<p>Paragraph 1.5 – Refer to RFP, Part 4 Paragraph B20 1.7 for all construction submittal requirements, and list all submittals that apply to masonry, including Test Reports (SD-06) and Certificates (SD-07).</p>
042000	<p>Delete references to materials such as brick that are not used on the project.</p>
042000	<p>Paragraph 3.5 – Verify with structural engineer that masonry is to be attached to structural members.</p>
042000	<p>Paragraph 3.8.C.2 – Verify limiting height of grout pour.</p>
042000	<p>Paragraph 3.3 – Describe installation of bituminous dampproofing, rigid insulation, air space, and facing materials. See B201001 in the RFP.</p>
051200	<p>Paragraph 1.2.A and others throughout this section– Delete all references to materials that are not used on this project, such as architecturally exposed structural steel.</p>

- 051200 Paragraph 1.2.B – This paragraph refers to spec sections, “Quality Requirements” and “Steel Decking,” in other divisions that are not provided. Please provide.
- 051200 Revise description(s) of painting to comply with RFP by referencing MPI systems.
- 055000 Paragraph 1.2.A and others throughout this section– Delete all references to materials that are not used on this project, such as pipe columns for supporting wood frame construction and other items.
- 055000 Paragraph 2.1 – Is this paragraph needed, as no manufacturers are indicated in this section?
- 055000 Paragraph 2.6 - This paragraph refers to Section “High-Performance Coatings” in Division 09 that is not provided. Provide this section.
- 055000 Paragraphs 2.6 C., D., E. and all other references to painting in this section – Paint/coating systems described in this section do not comply with the requirements of RFP B201010, Paragraph 1.1, which indicates that “All paint shall be in accordance with the Master Painter Institute (MPI) standards...” or B201010 Paragraphs 1.2 through 1.5, which specify the MPI systems for various exterior surfaces.
- 055000 Paragraph 3.5.C - This paragraph refers to spec section “Joint Sealants” in Division 07 that is not provided. Provide this section.
- 055100 General – RFP requires concrete stairs or steel stairs with concrete filled pans.
- 055100 Paragraph 1.2.A and others throughout this section – Delete all references to materials that are not used on the project, such as ornamental steel framed stairs.
- 055100 Paragraph 1.2.B – This paragraph refers to spec sections, “Pipe and Tube Railings” and “Miscellaneous Rough Carpentry,” in other divisions that are not provided. Please provide the indicated sections or delete the references from this paragraph. If railings and handrails are included in this section, as indicated in Paragraph 1.2.A, then why is a separate specification section dealing with pipe and tube railings required?
- 055100 Paragraph 1.3.A 1 and 2 – indicate source of these performance criteria.
- 055100 Paragraph 2.6. C, D, and E and all other references to painting in this section - Revise description(s) of painting to comply with RFP by referencing MPI systems.
- 055100 Paragraph 2.8 – Delete references that are not included in the RFP, such as “epoxy-resin filled treads.” Stair treads shall be concrete per the RFP.
- 061000 Paragraph 1.2.A and others throughout this section – Delete all references to materials that are not used on this project, such as dimensional lumber, timber, laminated-veneer lumber, and prefabricated wood I-joists.

- 061000 Paragraph 2.5 – Comply with RFP C101001 1.7.5 for referenced standards for various fasteners.
- 062023 Paragraph 1.2.A and others throughout this section– Delete all references to materials that are not used on this project, such as interior standing and running trim, hardboard paneling, and ornamental wood columns.
- 062023 Paragraphs 1.3 B and C – where are MDF and MDO proposed on the project?
- 062023 General – Per the RFP, this project requires wall and base cabinets of natural-finish solid wood construction with 100% acrylic counter tops. This specification does not address either of these items. Revise the section to address the requirements of the RFP.
- 072100 Paragraph 1.2.A and others throughout this section– Delete all references to materials that are not used on this project, such as self-supported, spray-applied cellulosic insulation. Any spray-applied fire-resistive materials shall be inorganic.
- 072100 Paragraph 1.2.B – This paragraph refers to spec section “Sheathing” in Division 06 that is not provided. Provide the referenced section or delete the reference.
- 072100 Paragraph 2.2.D – Verify flame-spread rating of 75 complies with IBC for intended use.
- 072100 Paragraph 2.7 – Per RFP B201002 1.1, Vapor retarders shall comply with ASTM C755.
- 072100 General – Provide description of bituminous dampproofing and installation per RFP Paragraph B201002 1.1.1.
- 081113 Paragraph 1.2.B – This paragraph refers to spec section “Door Hardware” that is not provided. Provide the referenced section.
- 081113 Paragraph 2.3.B.1 – Delete this paragraph. RFP B2030 requires all exterior hollow metal doors to be heavy duty.
- 081113 Paragraph 2.3.C – Revise to comply with RFP C102001.1.1.1 requirements for Level 2 and Level 4 interior doors, depending on usage.
- 081113 Paragraph 2.3.C – Include requirements for sound insulated doors per RFP C102001.1.1.2.
- 08211 This section is listed in the Table of Contents, but is not provided.
- 084113 Paragraphs 1.3 and 1.6G (and others, as applicable) - This is a Department of Defense (DOD) project, and must comply with UFAS, not ADA.
- 084113 Paragraph 1.4.C – Verify that the stated structural load data complies with the RFP requirements (see also drawing comments regarding code analysis).
- 084113 Paragraph 2.5.B – Delete this paragraph.