

NAVAL FACILITIES ENGINEERING COMMAND

ATLANTIC

ENGINEERING AND DESIGN DIVISION

CODE CI46

6506 HAMPTON BOULEVARD

NORFOLK, VIRGINIA 23508-1278

SPECIFICATION PREPARATION MANUAL

1. List of Guide Specifications
2. Cover Sheet
3. Instructions to AEs and Typists
4. Checklists for Reviewing/Writing Project Specifications
5. Reservation of Review and Approval by the Government of Contractor
Submittals on Construction Contracts
6. Submittal Deletions
7. Project Information Form
8. NAVFAC Atlantic Interim Specifications Revisions (ISR)

August 2004

TABLE OF CONTENTS

The documents listed should be consulted prior to beginning preparation of project specifications for projects prepared for NAVFAC Atlantic. AE can access the entire Specification Preparation Manual on the NAVFAC Atlantic Homepage.

1. List of Guide Specifications Used by NAVFAC Atlantic (08/04)
2. Cover Sheet (08/04)
3. Instructions to AEs and Typists (08/04)
4. Checklists for Writing/Reviewing Project Specifications (08/04)
5. Reservation of Review and Approval by the Government of Contractor Submittals on Construction Contracts (08/04)
6. Submittal Deletions (02/04)
7. Project Information Form (09/03)
8. NAVFAC Atlantic Interim Specification Revisions (ISR) (08/04)

GUIDE SPECIFICATIONS USED BY NAVAL FACILITIES ENGINEERING COMMAND, ATLANTIC

POLICY: Use the most current version of the Unified Facilities Guide Specifications (UFGS) available on the Whole Building Design Guide website. Where UFGS have an “A” (Army) version and an “N” (Navy) version covering the same content (e.g. 14240A and 14240N), utilize the “N” version. Otherwise, use the unified UFGS (e.g. 14240).

The UFGS database is updated monthly. It is the AE’s responsibility to ensure that the most current version of the specification is used at the 100% design stage. The UFGS can be found on the Whole Building Design Guide website at:

http://www.wbdg.org/ccbref/pa_dod_ufigs.php?category=pa

EXCEPTION TO POLICY: Utilize NAVFAC Atlantic Regional guide specifications where they exist. The NAVFAC Atlantic Regional guide specifications can be found at:

http://www.wbdg.org/pdfs/navfac_regionalguidespecs.pdf

SAMPLE SPECIFICATIONS: NAVFAC Atlantic has some sample specifications, which cover construction practices/materials not covered in the Unified Guide Facilities Specifications or NAVFAC Atlantic Regional guide specifications. These specifications are typically taken from a previous job and thus may need altering to accommodate the current project. NAVFAC Atlantic’s sample specifications can be found at the Specifications’ Support page on the NAVFAC Atlantic website:

https://portal.navfac.navy.mil/portal/page?_pageid=34,54852,34_54862:34_55884&_dad=ptl&_schema=PTLP

(Rev 08/04)



(A)

N62470-0_-B-___

(B)

NAVFAC
SPECIFICATION
NO. 05-0_-___

Appropriation:

(C)

Project Title

(D)

At the

Project Location

(D)

(Station Project Number)

(E)

DESIGNED BY:

(F)

Firm Name
Street Address
City, State Zip
(A/E Contract N62470-__-D-___)

SPECIFICATION PREPARED BY:

(G)

Architectural:
Civil:
Structural:

Mechanical:
Electrical:
Fire Protection:

Submitted By:

Date: Month, Day, Year

(H)

SPECIFICATION APPROVED BY:

(I)

Specification Branch Head: S.L. McMillion, P.E.
Engineering and Design Director: P.N. Bolton, P.E.
For EFD for Commander, NAVFAC:
Date:

NOTES ON THE USE OF THE COVER SHEET OF PROJECT SPECIFICATION

- A. For all NAVFAC Atlantic projects which are NOT Design-Build RFPs, this cover sheet **must** be used as the cover sheet for the project specifications. It is a Word document which is formatted to coordinate properly with the signature software to ensure that signatures are inserted in the proper locations on the sheet. Text in the gray boxes **MUST NOT** be moved on the sheet. The Word document is available on the NAVFAC Atlantic specifications web page at https://portal.navy.mil/portal/page?_pageid=34_54852_34_54862:34_55884&_dad=ptl&_schema=PTLP. Under “Specifications Graphics”, download “AE Specification Cover Sheet”. For DB RFPs, please consult the NAVFAC DB website, www.wbdg.org/ndbm, for the appropriate cover sheet for the RFP.
- B. Insert the project construction contract number (eg. N62470-01-B-1067) and specification number (eg. 05-01-1067) in the appropriate spaces shown. On AE contracts, **do not** use the AE contract number.
- C. Insert the proper appropriation data to the right of the word "Appropriation:". This will usually include abbreviations such as MCON, O&MN, NFHD, FHMAD, ERN, MCNRF or NIF, or NAF, as applicable.
- D. Insert project title and location in the appropriate places.
- E. Insert the station project number in parenthesis below the location. Obtain the station project number from the project manager. This number is not the same as the specification number or contract number. If the project is a MCON project, insert the project P-number; for example, “FY-1996 MCON Project P-934”.
- F. Insert the name of the design firm and the city and state where located in the appropriate place. In addition, insert the AE Contract Number under which the design was prepared.
- G. Insert the names (typed) of each specifier for the applicable discipline.
- H. Insert the name of the project manager where noted "Submitted by:". Insert the date of the final typing of the specification. This information can be typed or it can be inserted using the signature software.
- I. Leave these spaces blank. Data for these spaces will be inserted by the government.

INSTRUCTIONS TO AEs AND TYPISTS

1. Submit an outline specification, basis of design, and layout drawings to the NAVFAC Atlantic Specifications Branch (Code CI46), prior to starting the project specification so that it can be ascertained that appropriate guide specifications will be used. **Refer to the "Specification Guide" on the NAVFAC Atlantic Design Homepage for a sample outline specification. It is important that all AEs preparing their first specification for NAVFAC Atlantic contact the Specifications Branch and make an appointment to discuss all phases in the preparation of project specifications.**

2. Specifications shall be prepared using SpecsIntact. The Unified Facilities Guide Specifications (UFGS) are updated on a monthly basis, and are posted on the UFGS website. The AE shall obtain the latest UFGS for use in project specifications from the website. It is important that editing of guide specifications be done as late in the project cycle as feasible. This will minimize changes required in specifications between the 100 percent and final submittals. **It is imperative that the AE contact the NAVFAC Atlantic Specifications Branch Head, (757) 322-4406 to ensure an understanding of these requirements.** Generally, the AE will not be responsible for UFGS guide specification updates and changes that occur after the final submittal is made. Where (UFGS) are not available for a subject matter, the AE shall develop and execute them through the SpecsIntact template processing mode so that the programs in SpecsIntact will operate on the section. **Interim changes to guide specifications will be published by NAVFAC Atlantic through a system of Interim Specification Revisions (ISR), and must be incorporated by the AE firm.**

SPECIAL NOTE: NAVFAC Atlantic Sample Specifications (available from NAVFAC Atlantic Homepage) and NAVFAC Atlantic Regional Guide Specifications must be used in lieu of their companion UFGS.

3. For the 100 percent submittal, marked copies of UFGS are not acceptable. Submit copies of typed specifications (tags removed). AE shall utilize the redlining (revisions) feature of the SpecsIntact editor to identify deletions from and additions to the guide specification. **All deletions shall be shown in bold print and lined out. All additions shall be shown in bold print, italicized, and underlined.** See Attachments 3-A and 3-B for guidance in formatting the redlining (revisions) feature. **This special editing feature will have to be reset on your computer each time you update your SpecsIntact program with the new CCB. To do this you must open a job; go into a section and select "format".** AE shall run a submittal register and submit with the typed specification. AE shall run all verification reports when printing the 100 percent specification and include with the submittal. See Attachments 3-C through 3-E for guidance on printing specifications, submittal register, and verification reports.

4. For the final submittal, AE shall "execute" the redlining (revisions) feature in all specification sections. This will make all edits permanent. After "execution", AE shall run all verification reports to ensure tagging accuracy. Final submittal shall be in Electronic Bid Set (EBS) format in accordance with the ESOL/EBS requirements on the NAVFAC Atlantic web page. See Attachment 3-F for settings to Print PDF files.

5. Project specification **sections must contain the official date of release of the guide specification** so that they can be compared to dates of latest versions on the UFGS web page. This date appears immediately below the specification section title. Choose the "Section Dates" under the "Show" box on the "Options" screen. (See Attachment 3-E)

6. Project "Submittal Register" and all verification reports shall be developed through SpecsIntact system and shall be furnished with both the 100% and the final submittals. Do not submit the Report titled "Submittal List". Except for the submittal register, reports will not be included in the final "searchable pdf file of the technical specification" when projects are advertised. Where specifications are edited by more than one operator, the specifications should be merged before running the reports. The AE firm must execute section 01330 in order to operate SpecsIntact submittal features properly. Exercise caution in editing specifications to avoid deleting tags, which are needed to properly run the Submittal Register and the verification reports.

SPECIAL SUBMITTAL REGISTER REQUIREMENTS:

Column (f), the Classification Government or AE Reviewer Column of the Submittal Register shall be completed by the AE. Only those items which are scheduled to be reviewed/approved by the Government or the AE firm as the government's agent will have the "G" appearing in Column (f) of the Submittal Register. For a listing of these items please refer to the document "Reservation of Review and Approval By the Government of Contractor Submittals on Construction Contracts" in Document 5 of this Manual. The text of specifications must be annotated to show the "G" beside the item where listed in the "Submittals" paragraph of each section of specifications. The AE shall tag the "G" in the text so that it will automatically appear in the Submittal Register. It is suggested that you contact the NAVFAC Atlantic Specification Branch Head at telephone (757) 322-4406 and discuss these features before processing project specifications.

7. AE shall provide the entire project specification in electronic format on CD. The original SpecsIntact source files shall be placed in a "Specs" folder on the CD. Within the "Specs" folder should be three subfolders, "Pulldata", "Printdata", and "Submittal Register". The SEC files shall be placed in the "Pulldata" folder. The PRN files shall reside in the "Printdata" folder. The files created by the Submittal Register Program feature in SpecsIntact shall be placed in the "Submittal Register" folder.

8. For Division 00, AE responsibility includes Document 00102, "List of Drawings", and Document 00120, "Supplementary Instructions to Bidders". **(Fill in all data.)** For other contractual documents, AE shall complete the "Project Information Form" (PIF). A copy of the PIF and instructions for locating the PIF on CCB are included in Document 7 of this Manual. Submit an edited copy of the PIF with the 100 percent and final submittals. If edited in SpecsIntact, use "BOLD" and "ITALICS" to distinguish the added project information from the original form. All applicable Division 01 sections shall be prepared by the AE.

9. Refer to UFC 1-300-02, Unified Facilities Guide Specifications (UFGS) Format Standard, for criteria concerning UFGS format and writing style. 24. Do not include project specific dimensions or locations in the specifications. This information belongs on the drawings. Likewise, except for unit price items, do not include quantities in the specifications.

10. Do not refer to bid items on the drawings, except in rare instances; see Document 00120, "Supplementary Instructions to Bidders".

11. Do not use trade names or proprietary specifications without appropriate approval (see NAVFAC P-68, Contracting Manual). Use of proprietary specifications must be approved by the Acquisition Division. The AE must provide technical justification to the Project Manager to support the request for Justification and Authorization.

12. Thoroughly edit guide specifications to delete material, which does not apply to the project. Fill in blanks and make additions where required. Delete underlining of blanks in final submittal.

13. Scheduling the work is important for all projects but especially for modernization, rehabilitation, or alterations of existing buildings and for utility outages. Specify limitations on the Contractor's operations or any special sequence of work. If existing buildings are involved, specify if they will be occupied or vacant. If occupied, coordinate with the Station and determine how many buildings or what areas will be made available to the Contractor at one time for work. If cooling, heating, or other systems must be kept in operation, state when and for how long the systems may be out of operation; specify if temporary piping will be required. If asbestos handling or removal of lead asbestos paint is involved in the project, scheduling of work is critical if portions of a building being worked are to remain occupied. The Station and the ROICC should approve the specified schedule of work before the final design submittal. It is not sufficient to state that work will be done as directed or that there will be interruptions as directed. **The Contractor must be given a reasonable schedule of work to enable him to submit a firm bid.**

14. **Section 01450, Quality Control.** A Section 01450 shall be edited by the AE and included as part of the 100% submittal. For projects with an estimated construction cost less than 1 million dollars, contact this office for a sample Section 01450 to use. UFGS-01450N should be used for projects greater than 1 million dollars. AE shall include any special QC Manager requirements and any QC Specialist requirements. The Construction Support group (Code CI52) will review the 100% submittal and coordinate with the AE and ROICC to establish final requirements. AE should contact Mr. Bill Colden at (757) 322-8413 regarding any questions for the 01450 section. **Do not include 01450 Forms at the end of this section.**

15. Coordination. Thoroughly check drawings and specifications to ensure that materials and equipment specified are identical to those shown on the drawings.

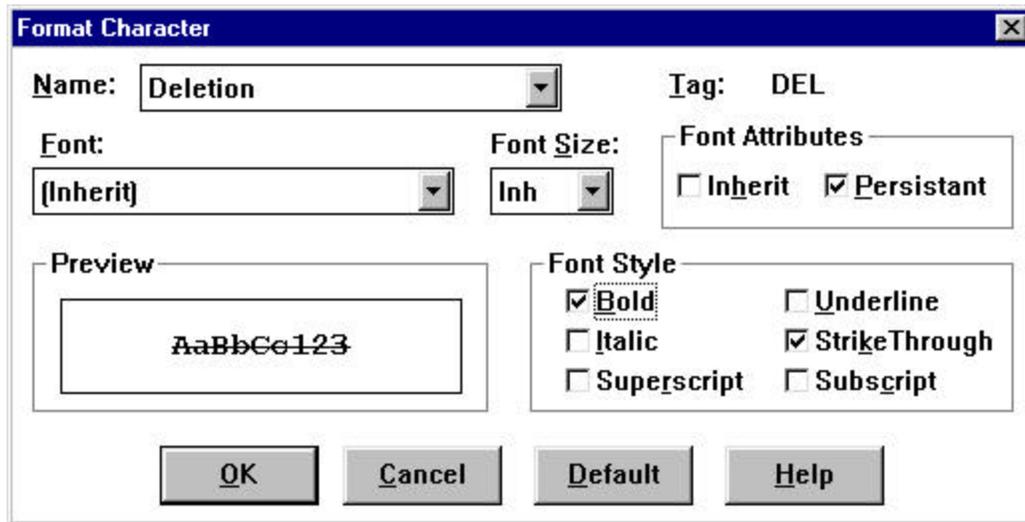
16. NAVFAC drawing numbers will be furnished by the Government when the 100 percent submittal is returned to the AE.

17. Review comments will be made on specifications submitted by AE firms. It is mandatory that the AE acceptably respond to these comments. Corrections and changes must be made as requested or the AE must explain why such corrections or changes were not made. If the AE disagrees with any comment, it is imperative that the disagreement is resolved with the commentator prior to the final submittal. If necessary, submittals will be returned to AE firms for resolution of comments, or the AE firm may be required to attend an on-board review at NAVFAC Atlantic to resolve comments.

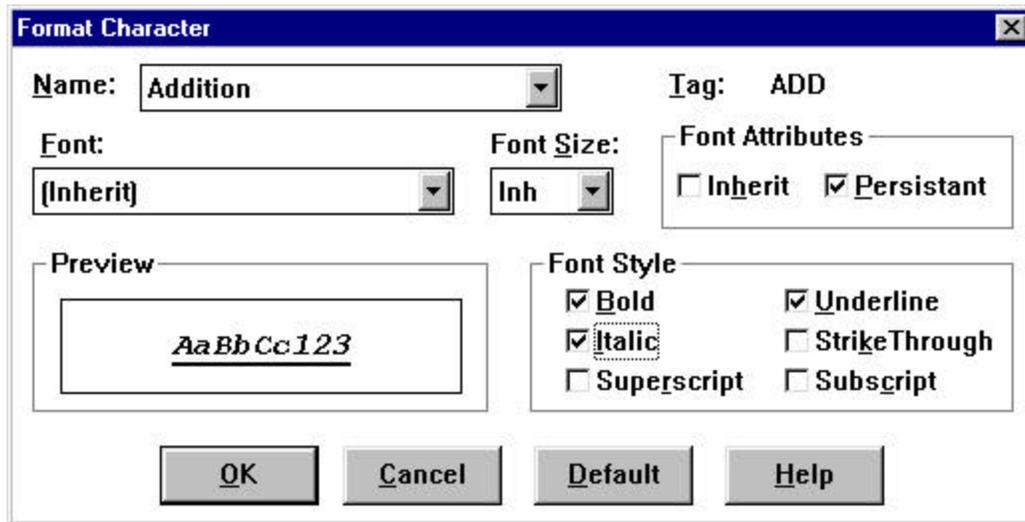
SPECIAL NOTES TO TYPISTS

(Rev. 08/04)

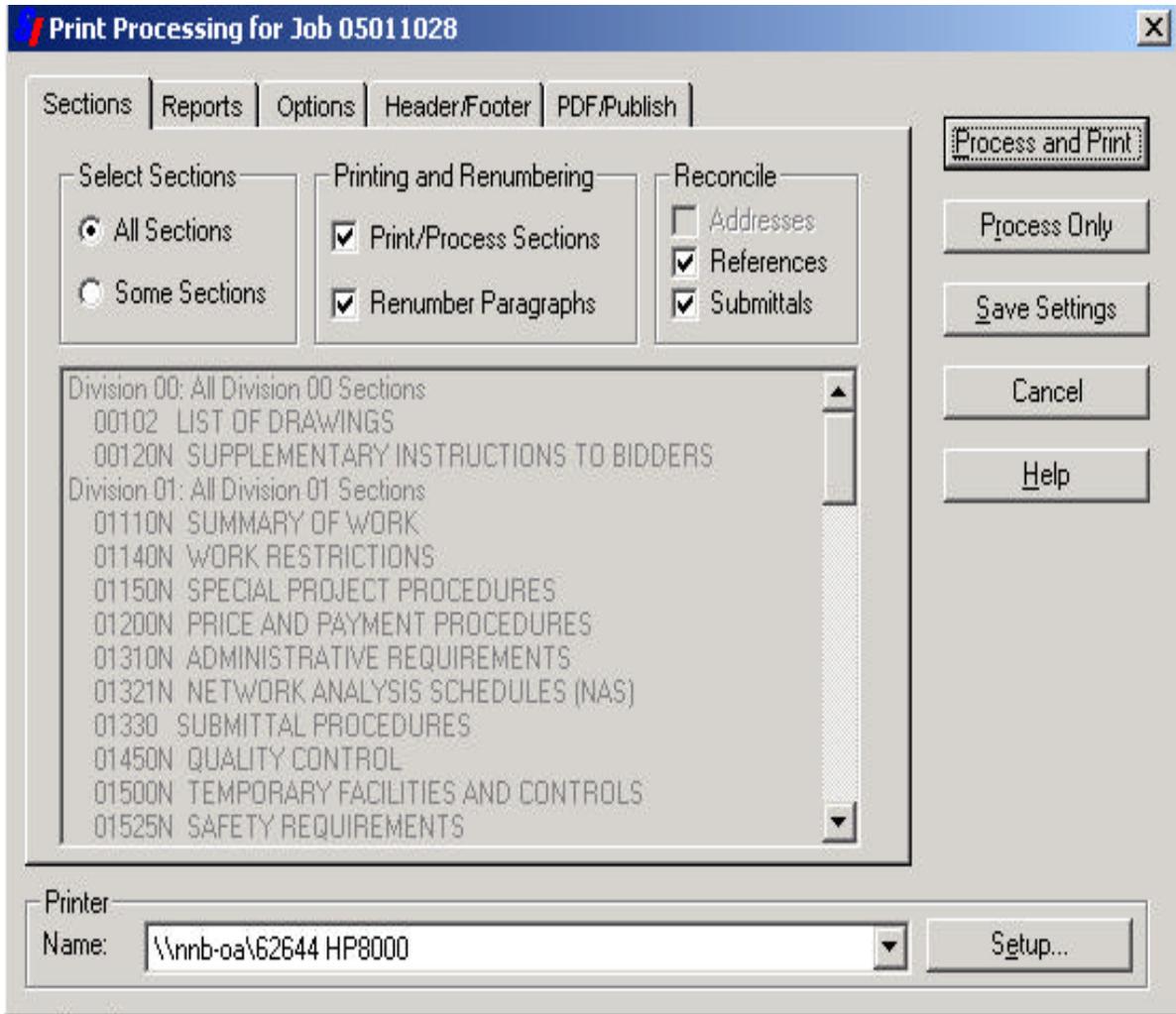
1. Margins: The margins should allow enough room so the document can meet the margin requirements when reproduced on 8.5-by 11-inch paper. The margins are as follows: top = 3/4 inch, right side = 3/4 inch; bottom = 1/2 inch; and left margin = 1 inch. Specification number and section number at bottom of page shall not lie within the 1/2-inch margin. Justification of right margin is not desired; however, maintain right margin. Each numbered paragraph is indented two spaces (start typing at third space) from the paragraph number. Paper shall be 8.5-by 11 inches.
2. Project table of contents is automatic when using SpecsIntact system.
3. Number pages **consecutively** throughout each **section** of the project specification. This is automatic when using SpecsIntact system.
4. In the body of the project specification, capitalize the paragraph title. Do not capitalize in the body of the specification unless required by rules of grammar, with the exception of Contractor, Contracting Officer, Government, and Quality Control Manager (QC).
5. Delete underline spaces left for material to be inserted by the specification writer.
6. Ensure table headers line up correctly.



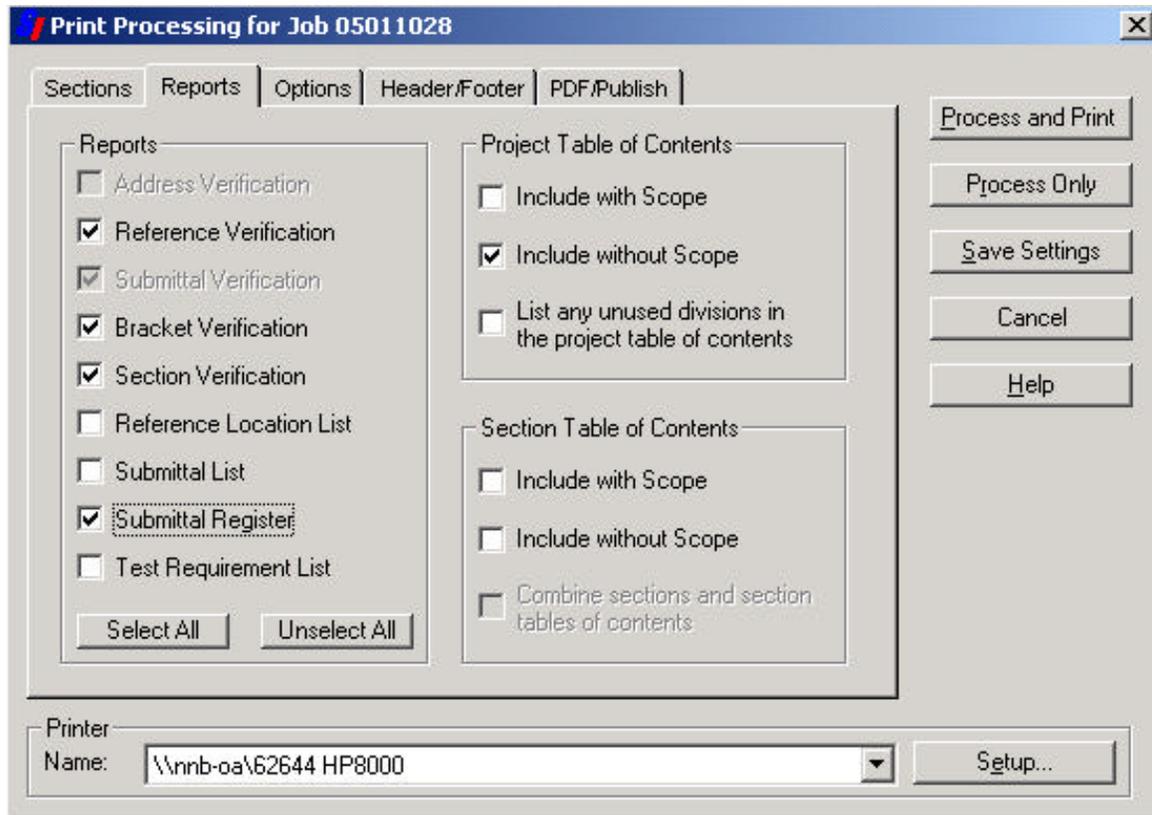
- To initiate desired redlining character format:
 1. Go to “Format” on the pull down menu tool bar.
 2. Select “Character”.
 3. (Alt+C will perform Steps 1 & 2)
 4. Under name, select “Deletion”.
 5. Toggle on “Bold” and “Strike-through”.
 6. Screen should match that shown above.
 7. Select “OK”.
- This becomes the default mode for this computer and only needs to be reset if a different character format is desired, and each time you update SGML from the latest CD.



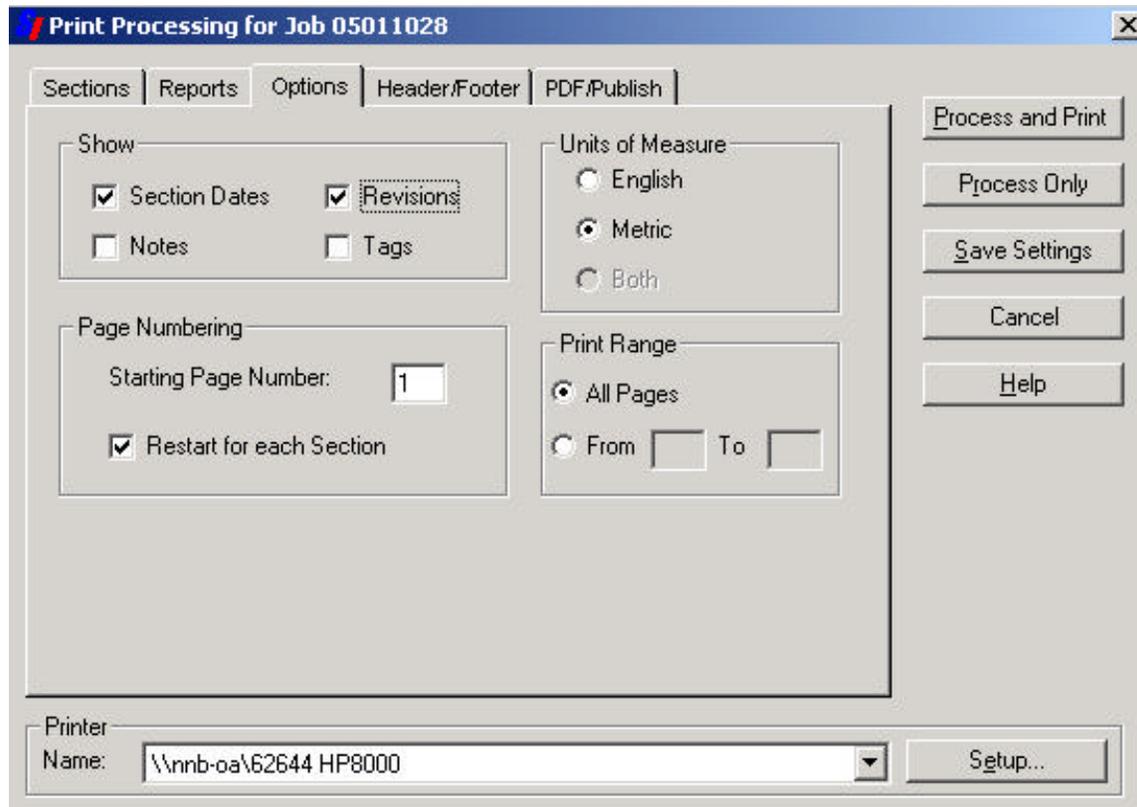
- To initiate desired redlining character format:
 1. Go to “Format” on the pull down menu tool bar.
 2. Select “Character”.
 3. (Alt+C will perform Steps 1 & 2.)
 4. Under name, select “Addition”.
 5. Toggle on “Bold”, “Italic”, and “Underline”.
 6. Screen should match that shown above.
 7. Select “OK”.
- This becomes the default mode for this computer and only needs to be reset if a different character format is desired and each time you update SGML from the latest CD.



- These are the typical print screen settings.
- Prior to printing, verify the “Reports” (See Attachment 3-D), “Options” (See Attachment 3-E) and “Header/Footer” Settings.
- For 35 percent submittals, only an outline specification is required. The outline specification can be created using the print process as follows:
 1. Toggle on “All Sections” in the Select Sections box.
 2. Select the “Reports” tab and toggle on the “Include with Scope” in the Project Table of Contents box (Similar to Attachment 3-D).
 3. Select “Process and Print”.

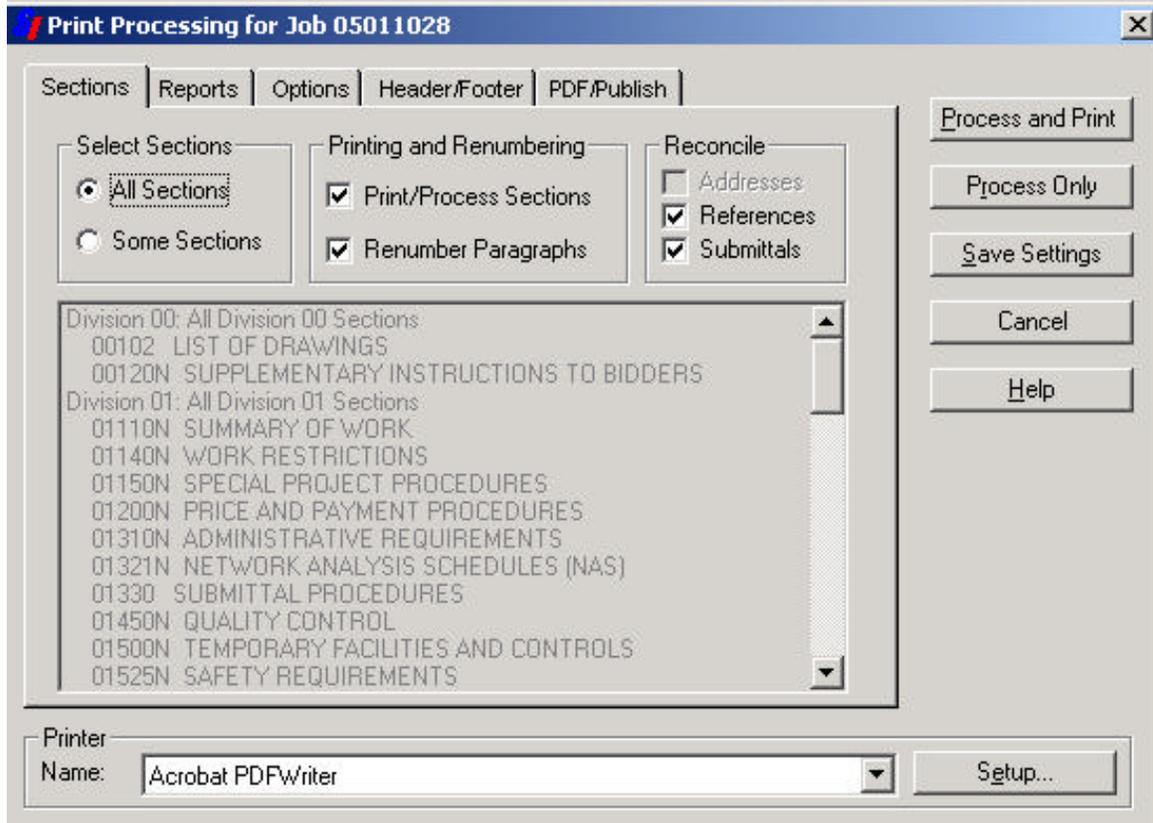


- This is the typical “Reports” screen.
- Select the indicated reports.
- Select the Project Table of Contents.
 - Do not select “List any unused divisions in the project table of contents”.



- This is the typical “Options” screen when printing 100 percent specifications.
- Revisions **SHOULD** be selected in the Show box for 100 percent submittal.
- Select the appropriate Unit of Measure, Metric or English.
- Always select the “Restart for each section” in the page numbering box. This must be done prior to running the submittal register.
- Select “Process and Print” or return to the “Sections” screen.

(Rev. 02/03)



To Produce PDF Files:

Use the typical print screen settings, however, the printer must be set to the “Acrobat PDF Writer”.

Follow detailed instructions contained in the document “Creating Specifications in Portable Document Format (PDF)” located on the Spec Support page on the LantDiv website.

*****Submittal Register Program not req'd until new Stand Alone Submittal Register (SASR) is released as part of SpecsIntact*****

The Submittal Register is a Report option that is available from the Process and Print command. This option can be used to generate and print the Submittal Register. The Submittal Register is a submittal tracking log for use in the field. The Submittal Register lists the materials, products, or items for each submittal in addition to the section and paragraph number where the submittal is located.

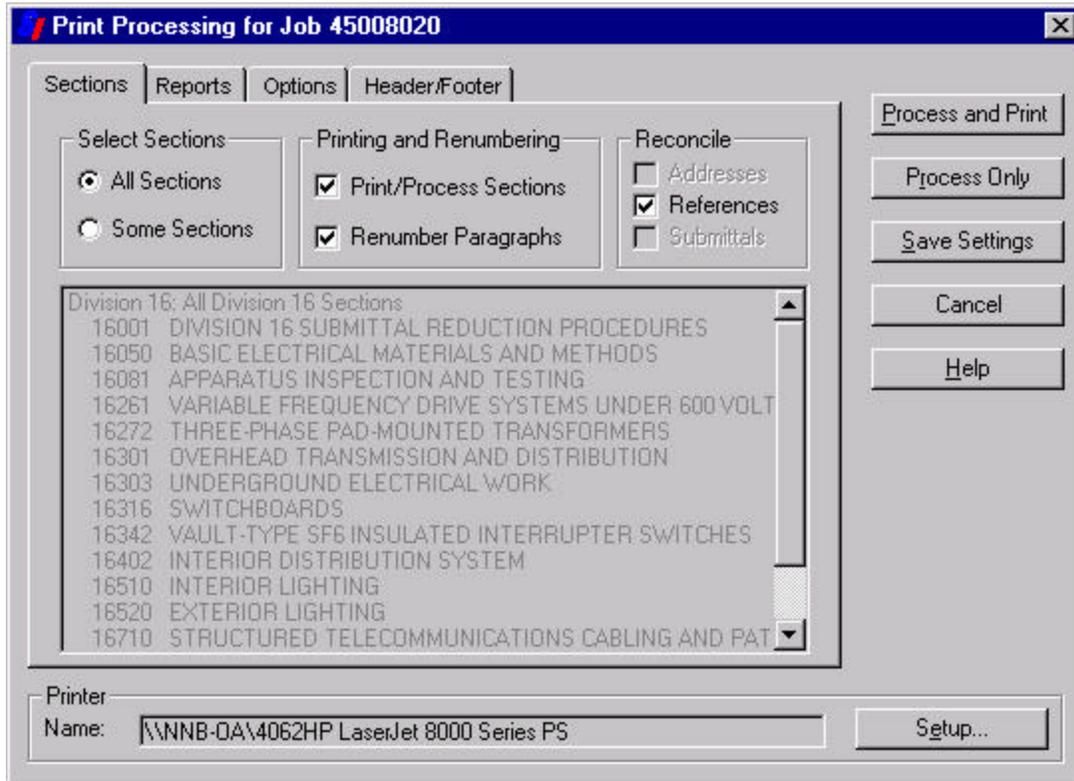
When the Submittal Register is generated, the system searches the Submittal Article within PART 1 of each selected Section, locates all tagged Submittal Descriptions (SDs) listed below the Submittal Article, looks for the Submittal items appearing below the SDs and throughout the Section, and inserts in the Submittal Register the number of the Subpart where the Submittal Item is located. This process requires that tagged submittals in the submittal article are consistent with those in the section text; however, the process is not sensitive to upper or lower case. For more information concerning the required format for submittals, refer to Section 01330, "Submittal Procedures".

SpecsIntact provides the capability to **modify** submittal information by creating a submittal database for the job. This program's information is meant to be used by engineers working in the field and **will not** be recognized by the project.

To create the Submittal Register Program for the disk:

NOTE: The submittal database is a stand-alone system for tracking and updating submittal information for a project. Updated submittal information in the database cannot be used in SPECSINTACT to alter submittal data in the specifications.

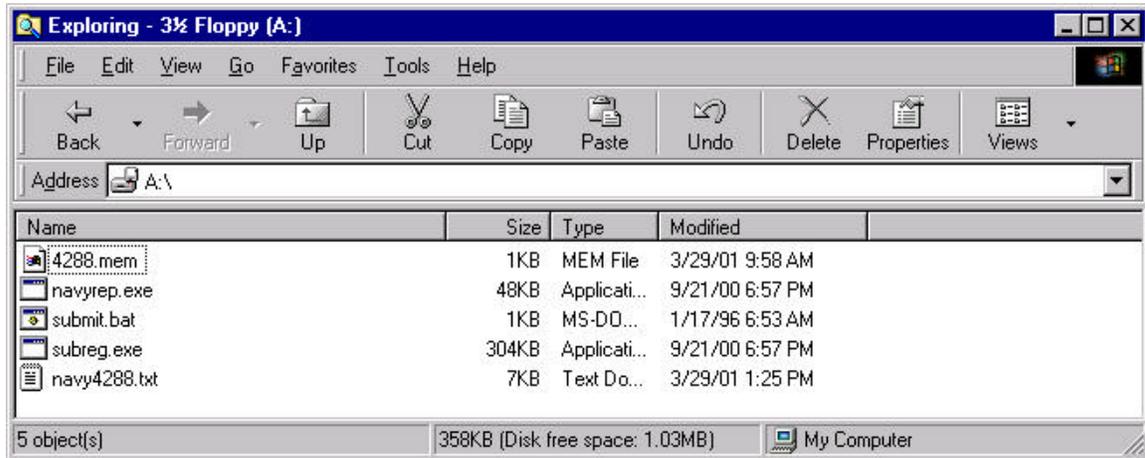
1. Process the Submittal Register as you normally would, with the exception that you don't have to print it. If you have already printed it for the job and if it is correct, you can skip this step since the processed files should be complete.
 - a. Click on the job folder in SpecsIntact
 - b. Click on **File** from the SpecsIntact Menu at the top of the screen
 - c. Click on **Process and Print**
 - d. In the Sections Tab, select All Sections, Print/Process Sections, Renumber Paragraphs and Reconcile References as shown on the following page.
 - e. In the Reports Tab, Select **Submittal Register**
 - f. Set up the Options Tab for your job and click on **Process Only**.



2. From the SpecsIntact Menu, Click on **Process**. From the pull-down menu choose **Submittal Register Program**. If the submittal register has not been processed, "Submittal Register Program" will not be highlighted, and you need to redo the previous step 1.
3. A screen will appear asking you where you want to save it. Insert a blank disk into the drive and select the directory.
4. Click on **OK**.

The Submittal Register Program downloads Submittal data and two program files to a diskette for use in the field. This provides the capability to transfer, track, and update Submittal data for a Job. The following types of files should appear on the disk.

(Rev. 02/03)



Once created and saved, access the submittal register database through the following steps:

1. If saved to a disk, insert the Submittal Register Program disk into the floppy drive.
2. Click "Start" on the Windows toolbar.
3. Select "Run" from the pop up menu.
4. Type in the correct drive and "Submit"; i.e. "a:submit".
5. Follow the instructions on the screen.

(Rev. 08/04)

**CHECKLISTS FOR REVIEWING/WRITING
PROJECT SPECIFICATIONS**

THE ENCLOSED CHECKLISTS SHOULD BE CONSULTED IN WRITING OR REVIEWING PROJECT SPECIFICATIONS. THEY CAN BE A VERY USEFUL TOOL FOR SUSTAINING THE QUALITY OF BOTH THE DRAWINGS AND THE SPECIFICATIONS.

GENERAL CHECKLIST FOR WRITING/REVIEWING SPECIFICATIONS

1. Check that project title is appropriate, that location is correct, and that construction contract and specification numbers are correct.
2. Check for currency of guide data used, such as Division 01 formats, forms, guide specifications, interim specification revisions, and other instructions for A/E and in-house specification writers.
3. Be sure "Description of Work" paragraph is definitive enough to allow bidders to determine whether or not they would be interested in bidding the job. Building type projects should give information on the type of building, foundation system, environmental and electrical systems, and site work. However, description should be no more than two or three sentences and only one paragraph in length. Do not include quantities of materials or scope items in the "Description of Work".
4. Check bid items - Verify need for additive bid items or option items. Do not show additive bid items and option items on the drawings, unless there is no other way to convey the details of the bid item. Refer to P-68 and to the Professional Services Guide. This is an extremely important issue.
5. Ensure that unit priced items such as piling have the quantities inserted in the bid items and that the quantities agree with the drawings and technical specification section.
6. Ensure that all unit priced items have the appropriate "Basis of Bid, Measurement and Payment" paragraph in the associated technical section.
7. Ensure that the proper quality control section is used: UFGS-01450 or UFGS-LM-01450.
8. Reconcile "Project Table of Contents" with project specification to see that all sections are properly listed.
9. Ensure that a proper and reasonable construction time for completion is included in the project. Apply common sense in arriving at the completion time. (Information should be inserted on the "Project Information Form".)
10. Check for proper work scheduling and phasing, especially on repair projects. Remember that it's hard to work at your desk when the repair crew is banging on the walls and taking out your lighting and air conditioning.
11. Check for Government-furnished materials and equipment. Don't confuse relocated equipment with Government-furnished equipment.
12. Remove unauthorized experience clauses - they are difficult to enforce, and invariably lead to protests.
13. Ensure that specific base peculiarities are included and properly edited; e.g., security, medical, safety, traffic, access control, salvage, disposal, utilities charges, and similar features.

(Rev. 08/04)

14. Ensure that Contractor staging/storage area is shown on the drawings. If not shown on the drawings then specify where this will be located.
15. Ensure that terminology used in the project specifications is consistent with that used on the drawings.
16. Ensure that scope of asbestos, lead containing based paint, PCB, or mercury removal/handling is clearly spelled out in the project specifications and is coordinated with the drawings.
17. Ensure that Interim Specification Revisions (ISR) have been incorporated into the project specifications.
18. Ensure that submittals requiring Contracting Officer (A/E or Government) approval are so identified in the technical sections of the specifications - see document "Reservation of Review and Approval by the Government of Contractor Submittals on Construction Contracts" In this manual.
19. Ensure that unnecessary submittals have been deleted in accordance with the "Submittal Deletions" document of this Manual.
20. Ensure that listings of applicable publications in each technical section are edited to agree with the body of the specification and that they are properly updated.
21. Address special scheduling requirements. The following issues are a few of those that are applicable:
 - a. When working at Little Creek, near the piers, work area is in the path of the Norfolk Airport, and a maximum equipment height needs to be specified.
 - b. When working near an airfield Ensure that paragraphs on airfield work restrictions are included, see Section 01150, "Special Project Procedures."
 - c. Any limits on Contractor's accessibility to work?
 - d. Is there any special sequence of work or phasing of work?
 - e. Are operations in existing buildings or occupants affected?
 - f. Specify when and how long outages will be permitted.
 - g. Any temporary equipment or piping required from the Contractor? If so, are drawings required for permitted layout of these?
 - h. Any traffic control personnel needed?
 - i. Any streets that need to be kept open during construction?
 - j. Will work area or building remain occupied, thus impacting on Contractor's operations?

(Rev. 08/04)

22. Delete all brackets ([]s)

01561 Erosion and sediment control -
This section is required on all jobs that have any site grading.

02220 Site Demolition
Does disposal method meet with station policy (especially overseas)?

02315 Excavation & Fill
Identify borrow pit if using Government furnished material.

Identify disposal area if surplus material will be disposed of on Government property.
Provide grading plan for disposal area if

Identify water table depth if borings are not included. Check for special requirements
such as proofrolling, surcharging or special dewatering.

Identify hard material (rock) and make sure scope is covered.

Include special paragraphs from NAVFAC Atlantic for obtaining borrow material if using
"select material" on the Naval Station, Norfolk.

Include special paragraphs from NAVFAC Atlantic for disposal of fill/backfill material to
be used as cover material for the sanitary landfill at Oceana.

Turf paragraph is for incidental seeding.

Correlate capillary water barrier terminology with drawings.

02325 Dredging
Insert dredging quantities and make sure quantity is included in the "Supplementary
Instructions to Bidders". Define type of material to be dredged. Include copy of permit
for information. Make sure all permit requirements are incorporated into drawings and
specifications. Verify disposal area and specify location and other special requirements
for use of disposal area.

02361 Soil Treatment for Termite Control
Include this section for all new building structures (except well houses) for all areas
except Iceland.

02456 Prestressed Concrete Piles
Determine total number of piles and total length of piles. Determine number of test piles
and load tests required. Check that total length of piles and number of load tests are
included in the "Supplementary Instructions to Bidders". Include "Measurement and
Payment" paragraph.

When using prestressed piling in Puerto Rico, allow option of cast in place piles.
NAVFAC Atlantic has sample section.

02458 Timber Poles

- Determine total number of piles and total length of piles.
- Determine number of test piles and load tests required.
- Check that total length of piles and number of load tests are included in the "Supplementary Instructions to Bidders". Include "Measurement and Payment" paragraph.
- Tip to cut-off length must be one foot shorter than ordered pile length to allow for removal of broomed end. Since piles are normally furnished in 40', 45', 50', etc. lengths, tip to cut off length should be 39', 44', 49', etc.
- 02510 Water Distribution, 02530, Sanitary Drainage, and 02630, Storm Sewerage
Allow all pipe options unless there is a valid design reason to delete.
- 02630 Storm Drainage
Do not use corrugated steel piping near the waterfront when subjected to salt water.
- 02741 Bituminous Concrete Pavement
This section is for use for vehicular bituminous concrete pavement, and should not be used for airfield pavement.
- 02761 Pavement Markings
Fed. Spec. TT-P-1952 Paint should be specified for all jobs.
- 02762 Joints, Reinforcement, and Mooring Eyes in Concrete Pavement
For Airfield jobs and large paving jobs, specify silicone joint sealants, unless directed otherwise.
- Fed Spec SS-S-200 joint sealant should be specified for small jobs. Even though fuel resistance may not be required for the job, Fed Spec SS-S-200 joint sealant is a cold applied sealant and may be applied by the Contractors own work force. Applications of hot applied sealant have to be done by a specialty subcontractor.
- 02821 Chain Link Fences and Gates
Normally, used galvanized fabric, post, rails etc. Check special applications where aluminum or PVC coatings are used. Determine whether top and bottom rails or tension wires are used. Determine if barbed wire above fence is required.
- 03300 Air entrained concrete is not required in Azores and Puerto Rico. Verify availability of blended cement in Puerto Rico. Alter cement requirements if required.
- 04200 Compare type of wall (cavity, brick-faced, CMU) with drawings.
Check reinforcement requirements. Are face brick color, texture, and range indicated or specified?
- 05120 Load indicator washers are required for all joints using ASTM A325 or A490 bolts. If AISC certification is required, leave in submittal requirement. AISC certification should be require on all steel framed buildings and elsewhere as determined to be necessary.

(Rev. 08/04)

- 05400 Coordinate with 09100.
Generally, 05400 is load-bearing and 09100 is nonload-bearing construction.
- 05500 Delete **all** items that do not apply to this job.
Check whether it is perfectly clear as to what is to be galvanized, what is to be shop-painted, and what is to be both galvanized and painted.
- 06100 Not normally used.
Intended for wood frame construction and buildings with a lot of finish carpentry and woodwork.
- 07121 Built-Up Bituminous Waterproofing
It is recommended that 07132 or 07141 be used in lieu of 07121.
- 07112 Bituminous Dampproofing
Include for all masonry cavity wall construction. Delete coal tar materials and hot asphalt materials. The coating should be cold-applied. See Interim Specification Revisions (ISR).
- 07212 Insulation types: I, unfaced; II, kraft-faced; III, foil-faced.
In tropical climates, place vapor retarder toward the exterior of the building. Type II is not available with flame spread or smoke developed rating.
- 07240 Exterior Insulation and Finish Systems
Basically, "hardcoat" and "softcoat" are optional. If hardcoat is definitely required, modify the specification. See CEGS-07240 and consider using it instead.
- 07410 Metal Roof and Wall Panels
Provide for alignment of horizontal joints, either in the spec or on the drawings, to produce a uniform, geometric pattern. See ISR.
- 07511 Built-Up Asphalt Roofing (Aggregate Surfaced)
Check roof details. Base flashing should **not** be metal, and should be shown separately from the roof membrane.
- 07600 Flashing and Sheet Metal
Coordinate optional materials with the tables. Each optional material listed must also be specified. Generally, galvanized steel should **not** be specified. There should be no metal base flashing with BUR. For standing seam metal roofing, require that transverse joints be aligned with each other to produce a uniform, geometric pattern.
- 08120 Aluminum Doors and Frames
Coordinate with 08710 on hardware sets.
- 08520 Aluminum Windows
Coordinate window types with the drawings and with ANSI/AAMA 101.
- 08710 Door Hardware

(Rev. 08/04)

- Check types of locks (1000 or 4000 series). For BEQs, industrial, and medical (high use) buildings, use stainless steel, grade 1 locks and devices. For interior doors (generally) use hinges A8112 x 652 (steel with satin chromium plated finish).
- 09100 Metal Support Assemblies
Coordinate with 05400. Generally, 05400 is load-bearing and 09100 is nonload-bearing construction.
- 09212 Furring and Lathing, 09200, Plaster & Stucco and 09310, Ceramic Tile, Quarry Tile, and Paver Tile. Do not use rib lath in backing for ceramic tile.
- 09250 Gypsum Board
Do not use water-resistant wallboard on ceilings. It will sag. Use exterior gypsum soffit board instead. If wallboard is to be painted with semigloss paint, require a skim coat of compound. See ISR.
- 09310 Ceramic Tile, Quarry Tile, and Paver Tile
Make perfectly clear which methods of installation are required and where each method is located. Consider using "glass mesh mortar units" in lieu of portland cement mortar bed in wet locations. Do not use gypsum wallboard for backing in wet locations.
- 09331 Chemical-Resistant Quarry Tile
Use in meat preparation and similar areas requiring chemical resistance.
- 09510 Acoustical Ceilings
If special acoustical panels are required, modify the specification. Standard panels are 5/8 inch and have NRC=.50.
- 09963 High-Build Glaze Coatings
Does the carpet selected actually meet the specification?

Use where "epoxy" paint is indicated.
- 09900 Paints and Coatings
This section needs careful editing. It should be perfectly clear what is to be painted and with which type of paint.
- 10201 Metal [Wall] [and] [Door] Louvers
Louvers alone will not keep out wind driven rain. Either operable louvers or moveable dampers must be required where rain must be excluded.
- 10153 Toilet Partitions
Use Style C, Overhead Braced. Coordinate with drawings.
- 12302 Wardrobe Storage Cabinets and 12303, Wardrobes
Use only in Open Bay BEQs.
- 13121 Preengineered Metal Buildings
Coordinate with Sections 08110, 08331, 08520, 08710, 08800, etc.

(Rev. 08/04)

- 13281 Engineering Control of Asbestos Containing Materials
Properly define scope of work and indicate on drawings. Test any materials that are suspected of containing asbestos.
- 13282 Removal and Disposal of Lead Containing Material
Properly define scope of work. Any building demolition performed on materials that have lead containing paint (defined as “any detectable level of lead”) requires the use of this section. Provide correct disposal procedures based on wastestream characterization (if required). Clearly indicate lead test results on demolition drawings.
- 13283 Removal and Disposal of Lead-Containing Paint
Properly define scope of work, whether actual removal of LCP is required or only health and safety precautions are necessary during demolition. Clearly indicate all LCP on the drawings. Provide correct disposal procedures based on wastestream testing.
- 13286 “Handling of PCB and Mercury in Lighting Ballasts and Lamps”
. Clearly identify all PCB ballasts and mercury lamps on the drawings (Environmental Demolition).
- 14534 Monorails with manual Hoist, 14535, Monorails with Air Motor Powered Hoist, 14622, Monorails with Electric Powered Hoist, 14636, Cranes Overhead Electric, Top Running (under 50,000 pounds), 14637, Cranes, Overhead Electric, Underrunning (under 50,000 pounds)
- Ensure design parameters, such as speeds, operating ranges capacities, and min. H.P., can be met by catalog products from three manufacturers.
- Ensure that the movement of bridge cranes or monorails is not obstructed by any other building systems, such as ductwork, lighting, electrical cabinets or piping.
- 15080 Mechanical Insulation
Insulation is not required on exterior of fan powered variable air volume boxes. Insulate outside air intake ducts. Make sure all items requiring insulation are clearly identified and that insulation materials for all items are specified.
- 15400 Plumbing Systems
- a. Plumbing fixtures: Do not use floor mounted, back outlet, flush valve, wheelchair water closet.
 - b. Plastic pipe - Make sure that plastic DMV piping is not permitted to pass through fire rated walls and floors.
- 15700 Heating, Ventilating and Cooling System
Check drawing to determine if bladder type expansion tank has the correct air separator.
- Ensure "acoustical duct liner" is indicated if specified (including the extent and boundaries of liner installation).
- Check with NAVFAC Atlantic Electrical Engineering Branch to determine if "Radio Control Switch" is required or use only on station where radio controls system is active.

(Rev. 08/04)

Underground fuel oil and waste oil tanks 550 to 20,000 gallons shall be double walled fiberglass, with dipstick for monitoring leaks.

Determine if condenser coils need special coatings. Check with NAVFAC Atlantic Specifications Branch.

Do not attempt to cover fuel oil piping in this section for any application other than a single building system such as a small boiler.

15950 HVAC Testing/Adjusting/Balancing
Testing Adjusting and Balancing

"TAB Engineer's Qualification Requirements:" There are 3 levels of requirements in this paragraph. Specify the minimum qualification requirements needed, keeping in mind the complexity of the systems to be TAB'd.

"Procedures", "Report TAB Work Data:" Ensure the "Air Systems" and "Water Systems" listed in this paragraph are modified to duplicate system terminology used on drawings. Use identical system "marks".

"Inspection, random selections or data checking." Designer should use some creativity or ingenuity in specifying the number of system's to be data checked. A rule-of-thumb is to data-check one system out of four identical systems.

**RESERVATION OF REVIEW AND APPROVAL BY THE GOVERNMENT OF
CONTRACTOR SUBMITTALS ON CONSTRUCTION CONTRACTS**

1. Due to the complexity of certain design features of projects, the critical nature of certain life safety features of design, and the necessity to maintain complete control of construction of certain project features within the Government, it is deemed necessary to maintain review of certain project submittals by the Government (by NAVFAC Atlantic or by A/E, except where reserved for NAVFAC Atlantic only). Submittals reserved for approval by the Government or the Government's agent are marked with a "G" in the specification and in the submittal register. Submittals not marked with a "G" are approved by the Contractor's Quality Control representative.
2. Particular submittals reserved for NAVFAC Atlantic approval are identified in the individual specification sections and in Section 01330. All other "G" submittals are reserved for approval by the designer of record after certification by the Contractor's Quality Control representative.
3. In addition to submittal items already marked with a "G" in the guide specifications, the following Submittal items, not marked with a "G" in the guide specifications, shall be designated with a "G" for NAVFAC Atlantic projects, thus reserved for approval by the designer of record.

Section 02457 – Steel Sheet Piles
SD-02 Steel Sheet Piles

Section 02459 - Cast-in-Place Concrete Piles
SD-06 Load Tests

Section 02467 - Auger Cast Grout Piles
SD-06 Load Tests

Section 02551 - Natural Gas Distribution
SD-03 All submittals

Section 02555 - Exterior Fuel Distribution
All submittals except Pipe, & Pipe Hangers and Supports

Section 02556 - Exterior Pumped Condensate Return
All submittals

Section 02557 - Exterior Buried Preinsulated Water Piping
All submittals

Section 02751 –Concrete Pavement for Airfields and Other Heavy Duty
Pavements
SD-05 Mix Design

Section 02752 - Portland Cement Concrete Pavement for Roads and Site
Facilities

SD-05 Mix Design

Division 7 - Thermal and Moisture Protection

SD-02 Roofing, Flashing, Insulation

SD-03 Roofing, flashing, insulation, roofing shingles; colors and finishes of sheet metal items

Section 07141 – Fluid Applied Waterproofing

SD-03 Fluid Applied Membrane

Section 07320 – Roof Tile

SD-03 Clay Tile, Concrete Tile

Section 07536 – Ethylene Propylene Diene Monomer (EPDM) Roofing

SD-02 EPDM Sheet

SD-03 Flashing

Section 07571 – Foamed Roofing

SD-03 All items

Section 07572 – Coatings for Foamed Roofing

SD-03 All items

Section 07611 - Steel Standing Seam Roofing

SD-04 Roofing Panels

Division 8 - Doors and Windows

SD-02 Doors, Windows, Glass, Finish hardware door and window schedules

Section 08510 - Steel Windows

SD-02 Windows

SD-03 All Items

Section 08900 Glazed Curtain Walls

SD-02 Glazed Curtain Wall System

Division 9 - Finishes

SD-04 Colors, textures, and patterns for all interior and exterior finishes

Section 09641 – Wood Athletic Flooring

SD-02 Hardwood Strip Flooring

SD-03 Hardwood Strip Flooring

Section 09651 – Resilient Tile Flooring

SD-03 Vinyl Composition Tile

Section 09963 - High-Build Glaze Coatings

SD-03 High-Build Glaze Coatings

Section 10201 - Metal [Wall] [and] [Door] Louvers
SD-02 Wall Louvers

Section 10270 - Access Flooring
SD-02 Access Flooring System
SD-03 Pedestals
 Support System
 Floor Panels
SD-04 Access Floor Finish

Section 10505 – Steel Clothing Lockers
SD-03 Material Finish

Section 10605 - Wire Mesh Partitions
SD-02 Wire Mesh Partitions

Section 10800 – Toilet Accessories
SD-03 Manufactured Units

Section 11401 - Electric Kitchen Equipment
SD-03 Kitchen Equipment

Section 11475 – Radiograph Darkroom Equipment
All submittals

Section 11700 - General Requirements for Medical and Dental Equipment
SD-02 All items
SD-03 All items
SD-06 All items
SD-07 All items

Section 12351 - Medical and Dental Casework
SD-02 All items
SD-03 All items

Section 12601 - Theater Seating
SD-02 All items

Section 13034 – Pre-Fabricated Audiometric Rooms
SD-02 All items
SD-03 All items

Section 13038 – Cold Storage Rooms
SD-02 All items
SD-03 All items

Section 13092 – X-Ray Shielding
SD-02 All items
SD-03 All items

Section 13100 - Lightning Protection System
Review all submittals

Section 13209 - Water Storage Tanks
SD-02 All submittals

Section 15080 - Mechanical Insulation
SD-03 Review all submittals for piping insulation when project includes chilled water systems

Section 15183 – Steam system and terminal units
SD-03 Review all submittals
SD-10 Review all submittals

Section 15193 - Gasoline/Diesel Dispensing Systems
Review all submittals

Section 15194 - Aviation Fuel Distribution and Dispensing
SD-03 Review all submittals except; pipe, valves, and fittings
SD-10 Review all submittals

Section 16522 - Airfield Lighting
Review all submittals

Section 16553 - Surgical Lighting Fixtures
Review all submittals

Section 16722 - Pier Telephone Distribution Systems
Review all submittals

Section 16725 - Nurse Call Systems
Review all submittals

Section 16822 - Intercommunication System
Review all submittals

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
02231	Clearing and Grubbing	04	Tree wound paint
02231	Clearing and Grubbing	04	Herbicide
02361	Soil Treatment for Termite Control	04	Pesticides
02510	Water Distribution	07	Water distribution main piping, fittings, joints, valves, and coupling
02510	Water Distribution	07	Water service line piping, fittings, joint, valves and coupling
02510	Water Distribution	07	Shop Applied Lining [and coating]
02510	Water Distribution	07	Fire Hydrants
02521	Water Supply Well	07	Casings
02521	Water Supply Well	07	Cement
02521	Water Supply Well	07	Air line
02521	Water Supply Well	07	Air gage
02521	Water Supply Well	07	Drilling mud
02521	Water Supply Well	07	Water meter
02521	Water Supply Well	07	Screens
02521	Water Supply Well	07	Gravel
02555	Exterior Fuel Distribution	03	Pipe
02555	Exterior Fuel Distribution	03	Strainers
02555	Exterior Fuel Distribution	03	Pipe hangers and supports
02556	Exterior Buried Pumped Condensate Return	03	Pipe and fittings
02556	Exterior Buried Pumped Condensate Return	03	Pipe hangers and supports
02630	Storm Drainage	07	Pipeline and fittings, including factory applied linings and joint material
02630	Storm Drainage	07	Cast-iron frames, covers, and gratings
02630	Storm Drainage	07	Precast concrete structures
02630	Storm Drainage	04	Pipeline materials

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
02741	Bituminous Concrete Paving	07	Asphalt Concrete
02741	Bituminous Concrete Paving	07	Curbs
02741	Bituminous Concrete Paving	07	Guard (Guide) rails
02741	Bituminous Concrete Paving	07	Median barriers
02741	Bituminous Concrete Paving	07	Traffic signs
02751	Concrete Pavement for Airfields and Other Heavy Duty Pavements	07	Cementitious materials
02751	Concrete Pavement for Airfields and Other Heavy Duty Pavements	07	Aggregates
02751	Concrete Pavement for Airfields and Other Heavy Duty Pavements	07	Admixtures
02751	Concrete Pavement for Airfields and Other Heavy Duty Pavements	07	Curing materials
02752	Portland Cement Concrete Pavement For Roads and Site Facilities	07	Cementitious materials
02761	Pavement Marking	07	Construction equipment list
02761	Pavement Marking	07	Reflective media for airfields
02761	Pavement Marking	07	Reflective media for roads and streets
02761	Pavement Marking	07	Paints for airfields
02761	Pavement Marking	07	Paints for roads and streets
02761	Pavement Marking	07	Thermoplastic compounds and primer
02821	Chain Link Fences & Gates	02	Gates
02821	Chain Link Fences & Gates	02	Turnstiles
02821	Chain Link Fences & Gates	02	Post spacing
02821	Chain Link Fences & Gates	02	Location of gate, corner, end and pull

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
02821	Chain Link Fences & Gates	08	posts Fence
02821	Chain Link Fences & Gates	08	Turnstiles
02821	Chain Link Fences & Gates	06	Weight in ounces for zinc
02821	Chain Link Fences & Gates	06	Thickness of PVC coating
02821	Chain Link Fences & Gates	06	Chemical composition and thickness of aluminum alloy coating
02821	Chain Link Fences & Gates	07	Fabric
02821	Chain Link Fences & Gates	07	Posts
02821	Chain Link Fences & Gates	07	Braces
02821	Chain Link Fences & Gates	07	Framing
02821	Chain Link Fences & Gates	07	Rails
02821	Chain Link Fences & Gates	07	Tension Wires
02821	Chain Link Fences & Gates	07	Gates
02821	Chain Link Fences & Gates	07	Padlocks
02921	Turf	03	Wood cellulose fiber mulch
02921	Turf	03	Fertilizer
02921	Turf	08	Erosion control materials
02930	Exterior Plants	08	Metal edging
02930	Exterior Plants	08	Plastic edging
02930	Exterior Plants	08	Erosion control materials
02930	Exterior Plants	08	Metal anchors
02930	Exterior Plants	08	Root control barrier
02935	Landscape Maintenance	08	Pesticides
02935	Landscape Maintenance	08	Antidessicants
02935	Landscape	08	Plant growth regulators

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
	Maintenance		
02935	Landscape	06	Topsoil composition tests
	Maintenance		
03300	Cast-in-place concrete	07	Curing concrete element
03300	Cast-in-place concrete	07	Silica fume manufacturer's representative
03300	Cast-in-place concrete	06	Fly ash
03300	Cast-in-place concrete	06	Pozzolan
03300	Cast-in-place concrete	06	Ground iron blast-furnace slag
03300	Cast-in-place concrete	06	Aggregates
03300	Cast-in-place concrete	06	Fiber-reinforced concrete
03371	Shotcrete	07	Cement
03412	Plant Precast Prestressed Structural Concrete	06	Pozzolan test
05120	Structural Steel	03	Load indicator washers
05120	Structural Steel	03	Load indicator bolts
05120	Structural Steel	07	Steel
05120	Structural Steel	07	Bolts, nuts, washers
05120	Structural Steel	07	Shop primer
05120	Structural Steel	07	Welding electrodes and rods
05120	Structural Steel	07	Pins and rollers
05210	Steel Joists [and Joist Girders]	07	Accessories
07220	Roof & Deck Insulation	07	Installer Qualifications
07512	Built-up Asphalt Roofing (Aggregate Surfaced)	08	Asphalt
07512	Built-up Asphalt Roofing (Smooth Surfaced)	08	Felts including flashing felts
07512	Built-up Asphalt Roofing (Smooth Surfaced)	08	Primer
07512	Built-up Asphalt Roofing (Smooth Surfaced)	08	Asphalt roof cement

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
07512	Built-up Asphalt Roofing (Smooth Surfaced)	08	Surfacing
07512	Built-up Asphalt Roofing (Smooth Surfaced)	08	Walkway material
07513	Built-up Asphalt Roofing (Mineral Surfaced)	08	Primer
07513	Built-up Asphalt Roofing (Mineral Surfaced)	08	Asphalt Roof Cement
07513	Built-up Asphalt Roofing (Mineral Surfaced)	08	Walkway material
07571	Foamed Roofing	04	Polyurthane foam
08745	Electrical Locking Control for Brigs	03	Wiring Materials
08745	Electrical Locking Control for Brigs	07	Locking Control System components
09650	Resilient Flooring	08	Sheet vinyl flooring
09680	Carpet	08	Carpet Installaion
09685	Carpet Tile	02	Installation
09685	Carpet Tile	08	Installation
09685	Carpet Tile	07	Installation experience
09685	Carpet Tile	07	Carpet tile
09900	Paints & Coatings	07	Applicator's qualifications
11171	Packaged Incerators	07	Incinerator
11311	Parallel Plate [for Vertical Tube] Gravity Oil-Water Separator	07	Separator corrosion protection
11375	Aeration Equipment	08	Piping
13121	Preengineered Metal Buildings (Rigid Frame)	07	Preengineered metal building materials
13205	Steel Tanks with Fixed Roofs	03	Pipe and fittings
13217	Fiberglass Plastic Lining for Steel Tank Bottoms (for	07	Primer

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
13217	Petroleum) Fiberglass Plaseic Lining for Steel Tank Bottoms (for Petroleum	07	Fiberglass mat
13217	Fiberglass- Plastic Lining for Steel Tank Bottoms (for Petroleum)	07	Fiberglass cloth
13217	Fiberglass- Plastic Lining for Steel Tank Bottoms (for Petroleum)	07	Epoxy resin binder
13217	Fiberglass-Plastic Lining for Steel Tank Bottoms (for Petroleum)	07	Sand
13217	Fiberglass-Plastic Lining for Steel Tank Bottoms (for Petroleum)	07	Detergent
13217	Fiberglass-Plastic Lining for Steel Tank Bottoms (for Petroleum)	07	Solvent
13219	Cleaning Petroleum Storage Tanks	03	Gasoline-oil-resisting gloves and boots
13219	Cleaning petroleum Storage Tanks	03	Cotton coveralls and hard hat
13281	Engineering Control of Asbestos Containing Materials	07	Vacuums
13281	Engineering Control of Asbestos Containing Materials	07	Water filtration equipment
13281	Engineering Control of Asbestos Containing Materials	07	Ventilation systems
13281	Engineering Control of Asbestos Containing Materials	07	Other equipment used to contain airborne asbestos fibers
13281	Engineering Control of Asbestos Containing Materials	07	Chemical encapsulants sealers
13283	Removal/Control and Disposal of Paint with	03	Vacuum filters

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
13283	Lead Removal/Control and Disposal of Paint with Lead	03	Respirators
13283	Removal/Control and Disposal of Paint with Lead	07	Vacuum filters
13920	Fire Pumps	03	Pipe hangers and supports
13930	Wet Pipe Fire Suppression Sprinklers	03	Pipe hangers and supports
13935	Dry-Pipe Fire Suppression Sprinklers	03	Pipe hangers and supports
13945	[Deluge] [Preaction] Fire Suppression Sprinklers	03	Pipe hangers and supports
13956	Foam Fire Extinguishing for Aircraft Hangars	03	Pipe hangers and supports
13957	Foam Fire Extinguishing for Fuel Tank Protection	03	Pipe hangers and supports
13958	Foam Fire Extinguishing for Haz/Flam Mat'l Facility	03	Pipe hangers and supports
13961	Carbon Dioxide Fire Extinguishing (High Pressure)	03	Pipe hangers and supports
13962	Carbon Dioxide Fire Extinguishing (Low Pressure)	03	Pipe hangers and supports
13971	Dry Chemical Fire Extinguishing for Kitchen Cabinet	03	Piping and accessories
15192	Fuel Oil Piping	03	Pipe and fittings
15211	Low Pressure Compressed Air Piping (Non-Breathing Air Type)	03	Fittings
15211	Low Pressure Compressed Air Piping (Non-Breathing Air	03	Hangers and supports

SUBMITTAL DELETIONS

<u>Spec Section No.</u>	<u>Specification Section</u>	<u>SD Number</u>	<u>Material or Product</u>
15211	Type) Low Pressure Compressed Air Piping (Non Breathing Air Type)	03	Identification labels for piping
15720	Air Handling Units	07	Central station air handlers
15720	Air Handling Units	07	Fans
15720	Air Handling Units	07	Fan-coil units
15720	Air Handling Units	07	Room air induction units
15720	Air Handling Units	07	Gravity ventilators
15720	Air Handling Units	07	Variable-air-volume (VAV) terminal units
16725	Nurse Call System	07	Visual nurse call subsystem
16725	Nurse Call System	07	Audio visual nurse call Subsystem
16725	Nurse Call System	07	Centralized nurse call subsystem
16725	Nurse Call System	07	Central processor controlled subsystem
16822	Intercommunication System	03	Cables and Raceways

PROJECT INFORMATION FORM

1. The Project Information Form (PIF) conveys technical information necessary for completion of the contract clauses by Government Contracts personnel. The PIF shall be submitted with the 100% submittal for review. If edited in SPECSINTACT or Word, use “BOLD” to distinguish the added project information from the form. Comments shall be incorporated, and the PIF shall be resubmitted with the final project documents.
2. The PIF is available on CCB as follows:

-CCB

-Library

-Libraries: Specifications

-Organizations: NAVFAC Guide Specifications

-Categories: Project Information Form

-Project Information Form - NAVFAC Form (Disc A)

PROJECT INFORMATION FORM

This questionnaire form provides technical information used by the Contracts Office to prepare Series 00 of the final contract package. THIS IS NOT A CONTRACT DOCUMENT. Submit a hand marked hard copy of this questionnaire at the 100 percent and final submittal. The designer of record must complete this form. DO NOT USE FOR SOUTHNAVFACENCOM.

PROJECT INFORMATION

- a. Project Name: _____
Location: _____
Contract No.: _____
Acquisition Method [IFB] [RFP]: _____
Estimated Cost: \$ _____
Design Firm:

Contact: _____
Phone: _____
- b. Project Manager: _____
Phone: _____
- c. AIC/EIC or DM: _____
Phone: _____

CLAUSES

- 1. FAR 52.204-2, SECURITY REQUIREMENTS (AUG 1996) - ALTERNATE II (APR 1984)

Under the performance of this contract, will contractor employees be required to have I.D.'s for access to the jobsite? Yes No

Under the performance of this contract, will the contractor require access to classified material? Yes No

2. FAR 52.211-10, COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984) - ALTERNATE I (APR 1984)

Fill in construction time for all projects.

(1) Commence work under this contract within 15 calendar days after the date the Contractor receives the notice to proceed,

(2) Prosecute the work diligently, and

(3) Complete the entire work ready for use not later than [_____] calendar days after notice to proceed.

3. FAR 52.211-6, BRAND NAME OR EQUAL (AUG 1999)

NOTE: To obtain "Level III Contracting Officer Approval", the designer must write a JUSTIFICATION of the need for the "Or Equal", "Proprietary/Restrictive", or the "Performance Specifications" in the contract specification or indicated in the design.

Does project include any Brand Name or Equal statements? (Requires prior approval by a Level III Contracting Officer). [] Yes [] No (If Yes, fill in table below):

Description	Section or Dwg No.	Para. or Dwg View
_____	_____	_____

4. FAC 5252.211-9301, PHASED CONSTRUCTION SCHEDULE (SEP 1996)

NOTE: Determine the number of days required for each phase.

<u>PHASE</u>	<u>DESCRIPTION</u>	<u>SCHEDULED START DAY</u>	<u>COMPLETION DAY</u>
A	[_____]	[_____]	[_____]
B	[_____]	[_____]	[_____]
C	[_____]	[_____]	[_____]

5. FAR 52.211-12, LIQUIDATED DAMAGES -- CONSTRUCTION (SEP 2000)

(If project is phased, provide percentage of construction cost for each phase)

Phase A _____percent, Phase B _____percent, Phase C _____percent

6. FAC 5252.214-9301, NOTICE TO BIDDERS (JUN 1994)

Does project include additive or option bid items? [] Yes [] No (If Yes, include a bid schedule showing base bid and any additive or option items.)

7. FAR 52.223-3, HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (JAN 1997)

Will this contract require delivery of hazardous material that will remain in place when the project is completed for which the station requires Material Safety Data Sheets? Yes No

8. FAR 52.223-4, RECOVERED MATERIAL CERTIFICATION (OCT 1997)

Does this contract use "Recovered Material"? (i.e. Materials that have been collected or recovered from solid waste per FAR 23.405(a)). Yes No

9. FAR 52.225-9, BUY AMERICAN ACT -CONSTRUCTION MATERIALS (JUN 2003)

Does the project have any exemptions to the Buy American Act? (Prior approval is required for an exemption.) Yes No (If Yes, fill in table below:)

Description	Section or Dwg No.	Para. or Dwg View
-------------	--------------------	-------------------

10. FAR 52.225-11, BUY AMERICAN ACT -CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (JUN 2003)

Use this if contract is greater than \$6,806,000. Yes No

11. FAR 52.236-4, PHYSICAL DATA (APR 1984)

Is physical data (e.g., test borings, hydrographic, weather conditions data) to be furnished or made available to offerers? Yes No (If Yes, complete the following)

(1) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by

_____(insert a description of investigative methods used, such as surveys, auger borings, core borings, test pits, probings, test tunnels).

(2) Weather conditions:

_____(Insert a summary of weather records and warnings).

(3) Transportation facilities:

_____(Insert a summary of transportation facilities providing access from the site, including information about their availability and limitations).

(4) _____
_____(Insert other pertinent information, e.g. Asbestos/Lead Reports).

12. FAR 52.236-21, SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997) - ALTERNATES I, II (APR 1984)

Are record shop drawings required? Yes No

Reproducible copies of these record drawings required? Yes No

13. DFARS 252.236-7002, OBSTRUCTION OF NAVIGABLE WATERWAYS (DEC 1991)

Will construction cause obstruction of navigable waterways? Yes No

14. DFARS 252.236-7005, AIRFIELD PRECAUTIONS (DEC 1991)

Is construction near an airfield? Yes No

15. DFARS 252.236-7006, COST LIMITATION (JAN 1997) / FAC 5252.236-9308, INFORMATION CONCERNING COST LIMITATIONS (JUN 1994)

Does this project contain a statutory cost limitation (design/build for housing for example)? Yes No Amount: \$_____

16. FAC 5252.236-9304, UTILITIES FOR CONSTRUCTION AND TESTING (JUN 1994)

Is the contractor responsible for obtaining utilities required for construction and testing at his expense from either local utility companies or government sources? Yes No

17. FAC 5252.236-9305, AVAILABILITY OF UTILITIES (JUN 1994)

Is the Government providing utilities at no cost to the contractor? Yes No

List Government utilities provided (electric, water, sanitary, etc).

18. FAR 52.245-1, PROPERTY RECORDS (APR 1984); FAR 52.245-2, GOVERNMENT PROPERTY (FIXED-PRICE CONTRACTS) (DEC 1989); FAR 52.245-3, IDENTIFICATION OF GOVERNMENT-FURNISHED PROPERTY (APR 1984); FAR 52.245-4, GOVERNMENT-FURNISHED PROPERTY (SHORT FORM) (APR 1984); FAR 52.245-19, GOVERNMENT PROPERTY FURNISHED "AS IS" (APR 1984)

Is there Government-furnished property in the contract? Yes No

Is the estimated value of the Government-furnished property greater than or equal to \$100,000? Yes No

Has this property been identified in Section 01110 and terms specified? Yes No

Will the property be provided "As Is" and require the contractor to modify/repair it? Yes No

19. FAC 5252.245-9302, LIMITED ASSUMPTION OF RISK BY GOVERNMENT (JUN 1994)

Is construction performed near naval ammunition depots or magazines where the Government will assume part of the risk? Yes No

ADDITIONAL INFORMATION FOR CONTRACT SPECIALIST

Normal Bid Acceptance Period is 60 days.

Does this project need a longer period? Yes No (If Yes)
Days _____

Does this project specify any proprietary items? Yes No

(A/E indicate where these items can be found in the specification by providing the section, paragraph and/or drawing location.) (DM attach copy of J & A approval letter for all proprietary items)

Description	Section or Dwg No.	Para. or Dwg View
_____	_____	_____

COMPLETE THE FOLLOWING ONLY FOR PROJECTS IN ITALY

For projects in Italy, provide the Societa' Organismi d' Attestazione (S.O.A.) (Qualifying Agencies) work categories for this project in accordance with Italian D.P.R. 34/00 (Decreto del Presidente della Repubblica 25 febbraio 2000, n. 34). Refer to the NAVFACENCOM Engineering Field Activity Mediterranean website for guidance.

a. Prevailing Work Category: OG-___

The related classifications (sub-categories) and percentages for this Work Category:

Classification OS-___
Percentage of work: _____%

b. All additional Work Categories other than the Prevailing Category (as required).

First Additional Work Category : OG-___

The related classifications (sub-categories) and percentages for this Work Category:

Classification OS-___
Percentage of work: _____%

Second Additional Work Category : OG-___

The related classifications (sub-categories) and percentages
for this Work Category:

Classification OS-____

Percentage of work: _____%

Comments or suggestions for changing this document should be forwarded to:

Commander
Naval Facilities Engineering Command
Engineering Innovation and Criteria Office, Code EICO
6506 Hampton Blvd
Norfolk, VA 23508-1278

FAX: (757) 322-4416 or
Email: cgs@efdlant.navfac.navy.mil

(Rev. 08/04)

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS (ISR)

August 2004 Edition

Based on April 2004 CCB and July 2004 UFGS Website

NOTES TO A/E FIRMS:

1. Incorporate the following modifications into the appropriate specification sections for the 100 percent submittal of the project specifications.
2. Do not submit section table of contents, technical notes, and criteria notes from guide specifications with any submittal.

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
GENERAL COMMENTS

1. In general, typists must comply with the following NOTE:

ISR comments that involve the addition of references, submittals or section references require that the typist add the appropriate SGML “tagging”. The correct tagging is indicated in the ISR comment, and the typist must use the SGML software to correctly “tag” the item. Do not type the tag notation in the specification text. Tagging types:

<SRF>01300</SRF>	Section Reference Tag
<REF>ASTM A 1310</REF>	Reference Tag (In Reference Section)
<SUB>Drawings</SUB>	Submittal Tag
<RID>ASTM A 1310</RID>	Reference Tag (In Body of Text)

2. ANTI-TERRORISM/FORCE PROTECTION (ATFP):

If a project requires incorporation of ATFP safeguards, architectural, mechanical, and electrical requirements beyond those currently found in the UFGS are required to satisfy the ATFP design criteria. These modifications can be found on the Specification Support page on the NAVFAC Atlantic website.

https://portal.navfac.navy.mil/portal/page?_pageid=34,54852,34_54862:34_55884&_dad=ptl&_schema=PTLP

NAVFAC Atlantic
INTERIM SPECIFICATION REVISIONS
DIVISION 01

SECTION 01110: “Summary of Work” (02/03)

1. NOTES FOR SPECIFICATION COVER SHEET – DELETE THIS COVER SHEET FROM THE SPECIFICATION SECTION. USE COVER SHEET FORMAT INDICATED IN SECTION 2 OF THIS MANUAL.

SECTION 01140N: “Work Restrictions” (02/03)

1. Paragraph 1.4.16 Naval Base, Norfolk, VA: Item a., delete sentence and replace with:

“a. Contractor registration. Register with the Base Police Truck Investigation Team, located behind Pass and ID Office (Building CD-9) on Hampton Boulevard, Naval Air Station, Norfolk, VA 23511-5000, telephone number (757) 322-2979.”

Item d, delete “Officer in Charge of Contractors” and replace with “Officer in Charge of Construction”.

SECTION 01200: “Price and Payment Procedures” (12/01)

1. Paragraph 1.6.1 Content of Invoice: In item a, change “7300/41” to read “7300/30”.

SECTION 01330: "Submittals Procedures" (01/04)

1. GENERAL: In paragraphs 1.1.1, 1.5, 1.5.1, 1.5.2, 1.5.3, and 1.5.5, delete bracketed references to electronic submittal register program and format.

2. Paragraph 1.2 SUBMITTALS. First paragraph. Delete and replace with the following:

“Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are[for Contractor Quality Control approval][for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government]. The following shall be submitted in accordance with Section <SRF>01330</SRF> SUBMITTAL PROCEDURES:”

3. Paragraph 1.4.6 QC Organization Responsibilities: In subparagraph (f) (2), change “...allocated spaces, and is _____ approved for use.” To read “...allocated spaces, and is approved for use.”

SECTION 01450: "Quality Control" (04/04)

(Rev. 08/04)

1. Paragraph 1.6.2.1.f Requirements: The last two sentences in item (f) should be bracketed .

SECTION 01500: "Temporary Facilities and Controls" (02/03)

1. Paragraph 1.5 Temporary Utilities: at the end of the first sentence of the second paragraph, "The point of which...", change "is as indicated," to read "shall be coordinated with the Contracting Officer."

2. Paragraph 1.7.1.1 Delete this paragraph in its entirety and replace with the following:
"[1.7.1.1 [Typhoon] [Hurricane] Condition of Readiness

Unless directed otherwise, comply with:

a. Condition FOUR (Sustained winds of 93 km/hr (58mph) or greater expected within 72 hours): Normal daily jobsite cleanup and good housekeeping practices. Collect and store, in piles or containers, all scrap lumber, waste material, and rubbish for removal and disposal at the close of each work day. Maintain the construction site including storage areas, free of accumulation of debris. Stack form lumber in neat piles less than one m (4 feet) high. Remove all debris, trash, or objects that could become missile hazards. Review requirements pertaining to "Condition THREE" and continue action as necessary to attain "Condition FOUR" readiness. Contact Contracting Officer for [Condition Requirements] [Condition of Readiness (COR) updates and completion of required actions].

b. Condition THREE (Sustained winds of 93 km/hr (58 mph) or greater expected within 48 hours): Maintain "Condition FOUR" requirements and commence securing operations necessary for "Condition TWO" readiness. Cease all routine activities which might interfere with securing operations. Commence securing and stow all gear and portable equipment. Make preparations for securing buildings. Reinforce or remove formwork and scaffolding. Secure machinery, tools, equipment, materials, or remove from the jobsite. Expend every effort to clear all missile hazards and loose equipment from general base areas. Contact Contracting Officer for weather and COR updates and completion of required actions.

c. Condition TWO (Sustained winds of 93 km/hr (58 mph) or greater expected within 24 hours): Secure the jobsite, and leave Government premises.

d. Condition ONE. (Sustained winds of 93 km/hr (58 mph) or greater expected within 12 hours): Contractor access to the jobsite and Government premises is prohibited.]"

3. Paragraph 1.11.3.1 Trailer Sign

At the end of this paragraph delete "See Sketch No. 01500 (graphic)." It is no longer necessary to provide the trailer sign at the end of this spec section.

4. Paragraph 2.1 Backflow Preventers: Add submittal tags around the title of this paragraph. Change title to all capital letters.

5. Paragraph 3.2 Temporary Wiring: Delete "Article 305 – 6(b),".

(Rev. 08/04)

SECTION 01525: "Safety Requirements" (01/04)

1. Paragraph 1.2 SUBMITTALS.

Under SD-01 Preconstruction Submittals, remove submittal tags from submittal item "Proof of Qualification for Crane Operators" and place submittal tags only around the text "Crane Operators" of this submittal item.

2. Paragraph 1.6.1.6 Crane Operators.

Place submittal tags around the paragraph title.

3. Paragraph 1.8.1 EM 385-1-1 Contents.

Place submittal tags around item e. "Crane Critical Lift Plan" and item p. "Crane Work Plan".

4. Paragraph 1.13.7 Third Party Certification of Barge-Mounted Mobile Cranes.

Place submittal tags around the paragraph title.

5. Paragraph 3.7.5 Trenching Machinery:

After this paragraph, add the following subparagraph:

"[3.7.6 Historic Use of Pesticides

**NOTE: For NAVFAC ATLANTIC, include the following for projects at MCB
Camp Lejeune, Jacksonville NC.**

Based on historical information, housing units at Slocum Village and Hancock Village have been routinely treated with pesticides for termite and insect control. Application of pesticides followed standard practices and guidelines in effect and as allowed by law at the time of application. Chemicals potentially used include chlordane, DDT, DDE, aldrin, and heptachlor. Residuals of these chemicals and their breakdown products may be encountered during building demolition and site preparation. The Contractor shall take all appropriate measures necessary to ensure that employees and others are adequately protected from incidental encounters with these chemicals during the course of demolition, site preparation, and construction.]"

SECTION 01575: "Temporary Environmental Controls" (02/03)

1. Paragraph 1.2.7 Hazardous Waste:

After this paragraph, add the following paragraphs and renumber paragraphs thereafter:

"1.2.8 Hazardous Materials

Hazardous materials as defined in 49 CFR 171 and listed in 49 CFR 172.

Hazardous material is any material that:

- a. Is regulated as a hazardous material per <REF> 49 CFR 173<REF>, or
- b. Requires a Material Safety Data Sheet (MSDS) per 29 CFR 1910.120, or
- c. During end use, treatment, handling, packaging, storage, transportation, or disposal meets or has components which meet or have potential to meet the definition of a hazardous waste as defined by 40 CFR 261 Subparts A, B, C, or D.

Designation of a material by this definition, when separately regulated or controlled by other instructions or directives, does not eliminate the need for adherence to that hazard-specific guidance which takes precedence over this instruction for “control” purposes. Such materials include ammunition, weapons, explosive actuated devices, propellants, pyrotechnics, chemical and biological warfare materials, medical and pharmaceutical supplies, medical waste and infectious materials, bulk fuels, radioactive materials, and other materials such as asbestos, mercury, and polychlorinated biphenyls (PCBs). Nonetheless, the exposure may occur incident to manufacture, storage, use and demilitarization of these items.

1.2.9 Waste Hazardous Material (WHM)

Any waste material which because of its quantity, concentration, or physical, chemical, or infectious characteristics may pose a substantial hazard to human health or the environment and which has been so designated. Used oil not containing any hazardous waste as defined above falls under this definition.”

2. Delete existing paragraph 1.2.11 Hazardous Materials

3. Paragraph 1.3, SD-11 Closeout Submittals. Add the following:

Note: For projects located in North Carolina where 1 or more acres (0.4 or more hectares) of land area are disturbed during construction, add submittal item for stormwater inspection reports for general permit.

[Stormwater Inspection Reports for General Permit]”

4. Paragraph 1.6.7 Erosion and Sediment Control Inspection Reports: Delete the criteria note in its entirety, and delete brackets around paragraph and insert the following:

Note: For projects located in North Carolina where 1 or more acres (0.4 or more hectares) of land area are disturbed during construction, delete Erosion and Sediment Control paragraph and use the following paragraph.

“[1.6.7 _{Erosion and Sediment Control Inspection Reports} and _{Stormwater Inspection Reports for General Permit}

Submit "Erosion and Sediment Control Inspection Reports" (form provided at the pre-construction conference) and "Stormwater Inspections for General Permit NCG010000 – Land Disturbing Activities" (form provided at http://h2o.enr.state.nc.us/su/PDF_Files/SW_General_Permits/NCG01_Inspect_log.pdf) to the Contracting Officer once every 7 calendar days and within 24 hours of a storm event that produces 0.5 inch or more of rain.]”

5. Paragraph 1.12; d. Storm Water Management and Control: After the bracketed paragraph Item (4), add the following Note and bracketed paragraph:

Note: For projects located in Virginia where 1 or more acres (0.4 or more hectares) of land area are disturbed during construction, use the following paragraph Item (4) and its sub-items (a) through (e).

[(4) Storm Water Pollution Prevention Measures and Notice of Intent 40 CFR 122.26, EPA 832-R-92-005. Provide a "Storm Water Pollution Prevention Plan" (SWPPP) for the project. The SWPPP will meet the requirements of the State of Virginia general permit for storm water discharges from construction activities. Submit the SWPPP to the Contracting Officer for review, approval and signature a minimum of 15 days prior to the start of any land disturbing activities. The Contractor shall maintain an approved copy of the SWPPP shall be kept at the construction on-site office, and continually updated as regulations require, to reflect current site conditions.

Following SWPPP approval, submit Registration Statement and appropriate permit fees to the Virginia Department of Environmental Quality (VDEQ) before any land disturbing activities begin. Coverage under the permit begins on the day the Registration Statement and fee are: (1) postmarked by mail, (2) registered online at the VDEQ’s website, or (3) hand delivered to the VDEQ office. The Contractor is responsible for all associated fees, contact VDEQ to determine applicable fees.

The Contractor shall install, inspect, and maintain best management practices (BMPs) as required by the general permit. The Contractor shall prepare and submit to VDEQ, BMP Inspection Reports as required by the general permit.

Once construction is complete and the site has been stabilized with a final, sustainable cover, submit the Notice of Termination to VDEQ within 30 days after all land disturbing activities end.

At the time of submittal to VDEQ, the Contractor shall concurrently forward copies of the SWPPP, Registration Statement, BMP Inspection Reports, and Notice of Termination to the Contracting Officer, and to Mid-Atlantic Environmental at: Commander, Naval Facilities Engineering Command, MIDLANT, Code: EV2, 9742 Maryland Avenue, Norfolk VA 23511-3095.

Information on the permit application, SWPPP requirements, Registration Statement, BMP Inspection Reports, and Notice of Termination can be found in the Virginia Permit Regulation 9 VAC 25-180. The Registration Statement, Notice of Termination, and permit fee forms can be found on the VDEQ website <http://www.deq.virginia.gov/vpdes/permitfees/html> . This website also contains the permit regulations and information on how to obtain coverage online.

The SWPPP shall:

- (a) Identify potential sources of pollution which may be reasonably expected to affect the quality of storm water discharge from the site.
- (b) Describe and ensure implementation of practices which will be used to reduce the pollutants in storm water discharge associated with industrial activity at the construction site.
- (c) Ensure compliance with terms of the State of Virginia’s general permit for storm water discharge.
- (d) Select and implement applicable best management practices from EPA 832-R-92-005.
- (e) Provide completed copy of the Registration Statement, BMP Inspection Reports and Notice of Termination except for effective date.]”

6. Paragraph 1.12; d. Storm Water Management and Control: After the bracketed paragraph Item (4), add the following Note and bracketed paragraph:

Note: For projects located in North Carolina where 1 or more acres (0.4 or more hectares) of land area are disturbed during construction, use the following paragraph item (4) and delete items (a) through (e).

[Comply with NCG010000, North Carolina General Permit to Discharge Storm Water under the National Pollutant Discharge Elimination System. The existing permit may be obtained from: http://h2o.enr.state.nc.us/su/PDF_Files/SW_General_Permits/NCG010000.pdf
 The inspection form can be obtained from:
http://h2o.enr.state.nc.us/su/PDF_Files/SW_General_Permits/NCG01_Inspect_log.pdf.]”

7. Paragraph 3.7.2 Disposal Requirements

Remove the submittal tags surrounding “laboratory analysis.”

SECTION 01770: “Closeout Procedures” (02/03)

1. Paragraph 1.5.1 As-Built Drawings

Bound the following portion of this paragraph with tailoring tags (for SW DIV) beginning with “[In addition to the requirements of FAC 5252.236-9310,....” And ending with “...[Submit drawings in [_____] CAD format.]”

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 02

SECTION 02220: “Demolition” (09/03)

1. Paragraph 3.3.3 Salvaged Materials and Equipment:

In the sixth paragraph revise the last sentence and address as follows:

"...[by shipping the refrigerant container to the Defense Reutilization and Marketing Services at the following address:

Defense Depot Richmond VA (DDRV)
SW0004
Cylinder Operations
8000 Jefferson Davis Highway
Richmond, VA 23297-5900]."

SECTION 02231: “Clearing and Grubbing” (09/03)

3.6.1 Saleable Timber:

Add to the fourth criteria note the following:

“On all Camp Lejeune and New River projects Base Forestry must harvest timber prior to any construction or site clearing. Choose option 2 for all Camp Lejeune and New River projects.”

SECTION 02325N: “Dredging” (09/99)

1.5 QUANTITY OF MATERIALS

Delete this paragraph in its entirety and replace with:

“The total estimated amount of material to be removed from within the specified limits, including side slopes, but excluding overdepths, is [as indicated] [____ cubic meters cubic yards]. The maximum amount of allowable overdepth dredging is estimated to be [as indicated] [____ cubic meters cubic yards]. The estimated quantity for bidding purposes and for application of the "FAR 52.211-18, Variation in Estimated Quantity" shall be the total quantity, including overdepth. The quantities listed are estimates only. Within the limits of available funds, complete the work specified whether the quantities involved are greater or less than those estimated.”

SECTION 02456N: “Prestressed Concrete Piles” (02/02)

1. Note: Do not use this specification on NAVFAC ATLANTIC projects. Use Atlantic Division Regional Specification UFGS-L-02456N, “Prestressed Concrete Piles” (09/99) instead.

(Rev. 08/04)

2. Attach preprinted form “Pile Driving Log” to the end of this section. (Form is available on the Spec Support page on the NAVFAC ATLANTIC website.)

SECTION 02458N: “Timber Piles” (09/99)

1. Attach preprinted form “Pile Driving Log” to the end of this section. (Form is available on the Spec Support page on the NAVFAC ATLANTIC website.)

SECTION 02460N: “Steel H Piles” (09/99)

1. Attach preprinted form “Pile Driving Log” to the end of this section. (Form is available on the Spec Support page on the NAVFAC ATLANTIC website.)

SECTION 02461: “Wood Marine Piles” (02/03)

1. Attach preprinted form “Pile Driving Log” to the end of this section. (Form is available on the Spec Support page on the NAVFAC ATLANTIC website.)

SECTION 02510N: “Water Distribution” (09/00)

1. Paragraph 1.1 References: Add the following new references:

“AWWA C605 (1994) Underground Installation of Polyvinyl Chloride (PVC) Pressure Pipe and Fittings for Water”

“AWWA C909 (2002) Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe, 4 in. through 12. in. (100 mm through 300 mm), for Water Distribution”

2. Paragraph 2.1.1.2 Polyvinyl Chloride (PVC) Plastic Piping

- a. Pipe and Fittings:...change second sentence to read: “[Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe, AWWA C909, shall be plain end or gasket bell end, Pressure Class 150 with cast iron pipe equivalent OD]”

3. Paragraph 3.1.2.1 Installation of Ductile-Iron Piping, delete note and item c in its entirety and replace with the following:

NOTE: AWWA C105/A21.5 indicates there are two types of film; linear low-density polyethylene film (LLDPE) and high-density cross-laminated polyethylene film (HDCLPE). The LLDPE film has a minimum film thickness of 8 mils and HDCLPE has a minimum film thickness of 4 mils. While the film thickness of the HDCLPE is less it has a higher tensile strength.

There are three types of installation methods: Method A, B and C. Method B is not recommended for bolt-type joints.

- c. Exterior Protection: Completely encase buried ductile iron pipelines with polyethylene tube or sheet, using linear low-density or high density, cross-laminated polyethylene film, in accordance with AWWA C105/A21.5, method A or C installation.”

4. After paragraph 3.1.2.3 add the following new paragraph:

“[3.1.2.4 Installation of Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe
PVCO pipes shall be installed in accordance with AWWA C605.]

5. After paragraph 3.1.4.2 add the following:

“[3.1.4.3 Installation of Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe
PVCO pipes shall be installed in accordance with AWWA C605.

6. Renumber paragraphs “3.1.2.4 through 3.1.2.7” to read “3.1.2.5 through 3.1.2.8”

SECTION 02531: “Sanitary Sewers” (07/04)

1. Paragraph 1.1 References: Add the following new reference:

“ASTM D 2564 (2002) Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems”.

Delete:

“UBPPA UNI-B-3 (1992) Recommended Practice for the Installation of Polyvinyl Chloride (PVC) Pressure Pipe (Nominal Diameters 4-36 Inch)”

and replace with

“UBPPA UNI PUB 9 Installation Guide for PVC Pressure Pipe.”

Replace UBPPA UNI-B-3 with UBPPA UNI PUB 9 throughout specification.

2. Paragraph 2.1.10.1 PVC Plastic Pressure Pipe and Fittings

At the end of item a. (3) Solvent Cement Joint add:

“Solvent cement shall conform to ASTM D 2564.”

3. Paragraph 2.3.4.1 Frames, Covers, and Gratings for Manholes: After this paragraph add the following new paragraph:

“2.3.4.2 Safety Wording for Manhole Covers

Manhole Covers for confined space manholes shall be labeled as required in Section 01525N, “Safety and Occupational Health Requirements”, paragraph titled “Confined Space Signage.””

Renumber subsequent paragraphs as required.

4. Paragraph 3.2.2.1 Leakage Tests, add note as follows:

NOTE: For projects located in Virginia or North Carolina, make the following changes:

Delete item a. Infiltration test and exfiltration test and replace with the following:

“ a. Infiltration tests and exfiltration tests: Perform these tests for sewer lines made of the specified materials, not only concrete, in accordance with ASTM C 969M ASTM C 969, except the allowable leakage limit shall be 9.25 L/day (mm of pipe diameter)(km of sewer), or 100 gal/day(in of pipe diameter)(mile of sewer). Make calculations in accordance with the Appendix to ASTM C 969M ASTM C 969.

5. Paragraph 3.2.3 Tests for Pressure Lines: After the title add the following criteria note:

NOTE: For jobs located in Virginia or North Carolina, make the following changes:

Delete the last sentence and replace it with, “Test PVC plastic pressure lines in accordance with the requirements of UBPPA UNIPUB 9 for pressure and leakage tests, except the allowable leakage limit shall be 9.25 L/day (mm of pipe diameter) (km of sewer), or 100 gal/day (in of pipe diameter) (mile of sewer).”

SECTION 02630: “Storm Drainage” (07/03)

1. Do not use this section for NAVFAC ATLANTIC jobs. Use Atlantic Division Regional Specification Section UFGS-L-02630N, “Storm Drainage” (08/03) instead. Contact the Civil Specification Section for direction on use.

SECTION 02741N: “Bituminous Concrete Pavement” (09/99)

1. Note: Do not use this specification on NAVFAC ATLANTIC projects located in Virginia, North Carolina, West Virginia, Maryland or Puerto Rico. Use Atlantic Division Regional Specification UFGS-L-02741N, “Bituminous Concrete Pavement” instead.

(Rev. 08/04)

SECTION 02761N: "Pavement Markings" (08/02)

1. Paragraph 2.1.3 Reflective Media for Airfields

Delete sentence in its entirety and replace with the following:

"FS TT-B-1325, Type I (Gradation A), or Type III."

2. Paragraph 2.1.4 Reflective Media for Roads and Streets

Delete sentence in its entirety and replace with the following:

"FS TT-B-1325, Type I, Gradation [A] [B]."

SECTION UFGS-L-02951N: "Pavement Removal and Replacement" (09/99)

1. **Note:** This is an Atlantic Division Regional Specification and should be used when contract requires type of work described in the note below.

NOTE: This guide specification covers the requirements for the removal of existing pavement and the provisions of new pavement where trenches, pits, or other excavations are made in existing pavement in Virginia, North Carolina, Maryland, the District of Columbia, West Virginia, and Puerto Rico. Pavement patching of bituminous concrete pavement and portland cement concrete pavement for both roads and parking lots as well as for airfield pavement is specified herein.

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 03

SECTION 03300N: “Cast-In-Place Concrete” (02/02)

1. General note:

Avoid the use of the term "vapor barrier" for the material placed under the slab to minimize the transmission of water vapors. Instead, refer to this material only as a "vapor retarder". Note that there are various types of vapor retarders with varying degrees of permeance but none of these materials form a barrier against the transmission of water vapors unless the material is part of a water proofing system. Refer to materials that create a true barrier as waterproofing systems. This specification change will be more consistent with ACI 302.1R-96.

2. Paragraph 1.1 References

Delete references ASTM A 616/A 616M and ASTM A 617/A 617M.

Add the following reference:

“ASTM A 996/A 996M (2004) Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement”

3. Paragraph 2.4.1 Cement

Change text regarding fly ash content from “shall not exceed 25 percent” to “shall not be less than 20 percent nor exceed 40 percent”.

4. Paragraph 2.5.1 Reinforcing Bars

Delete paragraph in its entirety and replace with the following:

“ACI 301/301M unless otherwise specified. ASTM A 615/A 615M with the bars marked A, S, W, Grade [300] [420]; or ASTM A 996/ASTM A 996M with the bars marked Type R, Grade [300] [420]. [ASTM A 706/A 706M]. Galvanized, ASTM A 123/A123M.] [Zinc-coated (galvanized) bars, ASTM A 767/A 767M and ASTM A 780.] [Epoxy-coated reinforcing steel bars, ASTM A 775/A 775M.] [Epoxy-coated prefabricated steel reinforcing bars, ASTM A 934/A 934M.]”

5. Paragraph 2.5.6 Fiber Reinforced Concrete

Change text regarding metric units of fiber concentration from “2.6 kg of fibers per cubic meter” to “0.89 kg of fibers per cubic meter”.

SECTION 03311: “Marine Concrete” (9/99)

1. 1.1 References

(Rev. 08/04)

Delete references ASTM A 616/A 616M and ASTM A 617/A 617M.

Add the following reference:

“ASTM A 996/A 996M (2004) Rail-Steel and Axle-Steel Deformed Bars for Concrete Reinforcement”

2. Paragraph 2.1.2 Contractor furnished mix design

Change text regarding fly ash content from “shall not exceed 25 percent” to “shall not be less than 20 percent nor exceed 40 percent”.

3. Paragraph 2.5.1 Reinforcing Bars

Delete paragraph in its entirety and replace with the following:

“ACI 301/301M unless otherwise specified. ASTM A 615/A 615M with the bars marked A, S, W, Grade [300] [420]; or ASTM A 996/ASTM A 996M with the bars marked Type R, Grade [300] [420]. [ASTM A 706/A 706M]. Galvanized, ASTM A 123/A123M.] [Zinc-coated (galvanized) bars, ASTM A 767/A 767M and ASTM A 780.] [Epoxy-coated reinforcing steel bars, ASTM A 775/A 775M.] [Epoxy-coated prefabricated steel reinforcing bars, ASTM A 934/A 934M.]”

4. Paragraph 2.2.7.5 Fiber Reinforced Concrete

Change text regarding metric units of fiber concentration from “2.6 kg of fibers per cubic meter” to “0.89 kg of fibers per cubic meter”.

5. Paragraph 2.2.11 Expansion/Contraction Joint Filler

Change paragraph to read;

“ASTM D 1751, ASTM D 1752, or 100% recycled material meeting ASTM D 1752 (subparagraphs 5.1 to 5.4). Material shall be 13 mm ½ inch thick, [unless otherwise indicated.]”

SECTION 03410N: “Plant-Precast Structural Concrete” (3/00)

1. Paragraph 1.3 Submittals

SD-06 Test Reports: Delete this paragraph in its entirety and substitute it with the following:

“Concrete mix design G

Submit copies of laboratory test reports showing that the mix has been successfully tested to produce concrete with the properties specified and that mix will be suitable for the job conditions. The laboratory test reports shall include mill test and all other test for cement, [silica fume,] aggregates, and admixtures. Provide maximum nominal aggregate size, gradation analysis, percentage retained and passing sieve, and a graph of percentage

retained versus sieve size. Test reports shall be submitted along with the concrete mix design. Obtain approval before concrete placement.

NOTE: Require aggregate quality testing on large concrete projects, where concrete is exposed to seawater, alkali soils, moist conditions, or the quality of the aggregates is questionable.

[Aggregates]

[Submit test results for aggregates in accordance with ASTM C 227 for potential alkali-silica reactions, ASTM C 295 for petrographic analysis.]”

2. Paragraph 1.7.3 Concrete Mix Design: Delete this paragraph in its entirety and substitute it with the following:

“Thirty days minimum prior to concrete placement, submit a mix design for each strength and type of concrete. Submit a complete list of materials including type; brand; source and amount of cement, fly ash, pozzolans, [silica fume], ground slag, and admixtures, and applicable reference specification. Provide mix proportion data using at least three different water-cement ratios for each type of mixture, which will produce a range of strength encompassing those required for each class and type of concrete required. If source material changes, resubmit mix proportion data using revised source material. No material shall be provided unless proven by trail mix studies to meet the requirements of this specification, unless otherwise approved in writing by the Contracting Officer. The submittal shall clearly indicate where each mix design will be used when more than one mix design is submitted. Submit additional data regarding concrete aggregates if the source of aggregate changes.”

3. Paragraph 2.2.1 Cement

Change text regarding fly ash content from “shall not exceed 25 percent” to “shall not be less than 20 percent nor exceed 40 percent”.

4. Paragraph 2.2.6.1 Reinforcing Bars: In the first, second and third line change “400” to read “420”.

SECTION 03412N: “Plant-Precast Prestressed Structural Concrete” (09/99)

1. Paragraph 1.3 Submittals: Under SD-06 Test Reports add the following:

“[Aggregates]

NOTE: Require aggregate quality testing on large concrete projects, where concrete is exposed to seawater, alkali soils, moist conditions, or the quality of the aggregates is questionable.

(Rev. 08/04)

[Submit test results for aggregates in accordance with ASTM C 227 for potential alkali-silica reactions, ASTM C 295 for petrographic analysis].”

2. Paragraph 1.6.4 Mix Design: Delete the paragraph in its entirety and substitute it with the following:

“Thirty days minimum prior to concrete placement, submit a mix design for each strength and type of concrete. Submit a complete list of materials including type; brand; source and amount of cement, fly ash, pozzolans, [silica fume], ground slag, and admixtures, and applicable reference specification. Provide mix proportion data using at least three different water-cement ratios for each type of mixture, which will produce a range of strength encompassing those required for each class and type of concrete required. If source material changes, resubmit mix proportion data using revised source material. No material shall be provided unless proven by trail mix studies to meet the requirements of this specification, unless otherwise approved in writing by the Contracting Officer. The submittal shall clearly indicate where each mix design will be used when more than one mix design is submitted. Submit additional data regarding concrete aggregates if the source of aggregate changes.”

3. Paragraph 1.6.5 Requirements: Delete this paragraph in its entirety, and replace with the following:

“Submit copies of laboratory _{test reports} showing that the mix has been successfully tested to produce concrete with the properties specified and that mix will be suitable for the job conditions. The laboratory test reports shall include mill test and all other tests for cement, [silica fume,] aggregates, and admixtures. Provide maximum nominal aggregate size, gradation analysis, percentage retained verses sieve size. Test reports shall be submitted along with the concrete mix design. Obtain approval before concrete placement.”

4. Paragraph 2.2.1 Cement

Change text regarding fly ash content from “shall not exceed 25 percent” to “shall not be less than 20 percent nor exceed 40 percent”.

5. Paragraph 2.2.6.1 Reinforcing Bars: In the first, second and third line change “400” to read “420”

SECTION 03450: “Plant –Precast Architectural Concrete” (09/99)

1. In paragraph 1.5.1.2 Product Quality Control

In the second line change “[A1] [A2]” to read “[C1] [C2] [C3] [C4]”

2. Paragraph 2.1.1 Contractor-Furnished Mix Design

Delete the existing criteria note and add the following new criteria note:

NOTE: For standard mixes, use the first bracketed sentence to describe air content. When using gap-graded or one size architectural aggregates with a high coarse

(Rev. 08/04)

aggregate mix-used for exposed aggregate panels, delete the air percentage requirements and use the second bracketed sentence that references ASTM C 185. The typical volumetric testing does not work with the large amount of aggregate in the mix.

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 04

SECTION 04200: “Masonry” (9/03)

1. Paragraph 1.2 Submittals:

SD-02 Shop Drawings

Insert submittal item “Reinforcing steel G” with submittal tags.

2. Paragraph 1.4.1 Masonry Units

In the second sentence, delete “Type II,”. Delete the third sentence, “Protect moisture controlled units (Type I) from rain and ground water.”

3. Paragraph 2.4 CONCRETE MASONRY UNITS (CMU)

Add Note:

“NOTE: Designer should verify control joint spacing. ASTM designations Type I or Type II, have been deleted and industry has reduced recommended spacing of control joints in concrete masonry.”

In the editor’s note, second paragraph, delete the first sentence, “Type I is moisture controlled, Type II is non-moisture controlled.”

In the first sentence of subparagraphs a. b. and c, delete “Type I or II,”.

4. Paragraph 3.7 Reinforcing Steel

Provide submittal tags enclosing the title, “Reinforcing Steel”.

5. Paragraph 3.9.5 Grout Placement

Add the following editor’s note: “On Navy projects, for concrete masonry, limit height of grout pour to 1200 mm 4 feet for all CMU widths of 200 mm 8 inch or wider and limit heights of grout pours to 600 mm 2 feet for all CMU widths of 150 mm 6 inch or less, except as required by ACI 1530.1 which limits grouting heights with respect to grout type in smaller spaces.”

(Rev. 08/04)

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 05

There are no revisions in Division 05 at this time.

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 06

SECTION 06200: “Finish Carpentry” (9/99)

1. Paragraph 2.7.3.1 Cabinet Hardware

Delete this paragraph and substitute it with the following;

“Provide cabinet hardware including two self-closing hinges for each door and two side-mounted metal drawer slides for each drawer and pulls for all doors and drawers as follows. Hardware exposed to view shall be [bright chromium plated] [_____] [as indicated]. All cabinet hardware shall be ANSI/BHMA A156.9, Grade 1 and comply with the following requirements:

- a. Provide concealed Euro-Style, back mounted hinges with opening to 165 degrees with self-closing feature at less than 90 degrees to its closed position.

**Static drawer slide capacity of 100 lbs 444N are appropriate for housing
kitchens, vanities and light commercial construction. Specify a heavier capacity slide
for more abusive situations or where heavier loading of drawers is anticipated.**

- b. Drawer slides shall have a static rating capacity of [100 lbs 444N] [_____] . The slides shall have a self closing/stay-closed action, zinc or epoxy coated steel finish, ball bearing rollers, and positive stop with lift out design.
- c. Drawer Pulls shall be [wire type pulls with center-to-center dimension not less than 3 ½ inches 89 mm and cross sectional diameter of 5/16 inch 8 mm. The handle projection shall be not less than 1 5/16 inches 33 mm.] [_____] [as indicated.]”

At the end of subparagraph c. add the following:

- “d. Drawer catch shall be heavy duty magnetic catch.”

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 07

SECTION 07240: “Exterior Insulation and Finish Systems” (10/01)

1. Paragraph 2.6.2 Insulation Board:
At the end of subparagraph b. add the following:

“c. Drainage: Preform channels into the interior face of insulation board or provide polypropylene drainage lath spacer to provide water drainage system.”

2. Paragraph 3.3.2 Insulation Board:

Unless...at the end of the fifth sentence add the following: “Align drainage channels of integral drainage system or provide polypropylene drainage lath space to provide a path for any water weeped from behind the insulation to escape wall construction.”

SECTION 07413: “Metal Wall Panels”: (05/04)

1. Modify Paragraph 2.4 FASTENERS

**NOTE: Provide series 300 stainless steel in coastal or corrosive environments.
Series 300 fasteners are not available as self-drilling screws for steel panels.**

In the first sentence change “corrosion resisting steel” to “300-series corrosion resisting (stainless) steel”. In the second sentence change “corrosion resisting steel” to 305-series corrosion resisting (stainless) steel”.

SECTION 07550: "Modified Bituminous Membrane Roofing": (03/04)

Use the 02/02 version on the NAVFAC ATLANTIC Specification Homepage, choose Regional Master, in lieu of the NAVFAC 9/99 version on the CCB CD ROM.

SECTION 07600: “Flashing and Sheet Metal” (02/03)

1. Paragraph 1.1 References:

Add the following reference:

“FACTORY MUTUAL (FM)

FM 1-49 (1985, Rev 1998) Property Loss Prevention Data Sheets, Perimeter Flash”

2. Paragraph 3.1.15 Gravel Stops and Fascias

(Rev. 08/04)

Prefabricate in the shapes....in the tenth line change “nails 38 mm 1.5 inches” to read “nails in accordance with FM 1-49

3. Paragraph 3.5.1 Procedure

Submit for.....at the end of this paragraph add the following introductory criteria note before TABLE I. SHEET METAL WEIGHTS, THICKNESSES, AND GAGES

NOTE: Metal gauges listed in the following tables are applicable to light commercial and residential types and uses. Compare metal thickness stated herein with the requirements of SMACNA ASMM and edit these tables using the more stringent requirement of the two. Gauges of metal gutters in the following tables are only applicable to gutters less than 6”x6”. Use SMACNA ASMM for commercial gutters of larger sizes

SECTION 07611: "Steel Standing Seam Roofing": (09/99)

1. Modify the criteria note after paragraph 1.6.6. d. After the last sentence of “Salt Spray Test” add the following sentence; “No. 10. No blisters cannot be normally met by a polyvinylidene fluoride coating less than .04 mm 1.6 mils of thickness. After the last sentence “Abrasion Resistance Test: 100 Liters” and, “Use of 50 liters of sand for polyvinylidene fluoride paints”
2. Paragraph 1.6.6.f, Abrasion Resistance...." Line 2: Delete "[100]".
3. Paragraph 1.7 Warranty:

NOTE: This warranty....authorization...at the end of the Note add the following:
“Use 10 year manufacturer warranty and 1 year contractors warranty for projects located in the Caribbean area.”

Furnish manufacturer’s....in the second line change “last than 20 years” to read “last than [20] [10] years”. In the last sentence change “provide a 2 year contractor” to read “provide a [2] [1] year contractor”.

SECTION 07612: “Aluminum Standing Seam Roofing” (09/99)

1. Paragraph 2.5.5 Abrasion Resistance Test for Color Coating

When subjected to ...in the second line change “100 liters of sand per 0.025 mm MIL” to read “50 liters of sand per one MIL 0.025 mm”

SECTION 07840: “Firestopping” (06/03)

(Rev. 08/04)

1. Paragraph 1.2 Submittals

Add a “G” within submittal tags after all submittals: “Firestopping Materials;”, “Installer Qualifications;”, and “Inspection;”. Under SD-07, delete “In lieu of certificates, drawings showing UL classified materials as part of a tested assembly may be provided. Drawings showing evidence of testing by an alternate nationally recognized independent laboratory may be substituted.”

2. 3.2.2 Fire Dampers

Delete “and firestopped” from the subparagraph.

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 08

SECTION 08110: “Steel Doors and Frames” (02/04)

1. Projects that must meet minimum Antiterrorism/Force Protection requirements, must add additional requirements to this section. These additional requirements are in the specification section 08110, “Steel Doors and Frames” dated 02/04 (ATFP) located on the NAVFAC Atlantic, Capital Improvements, Engineering and Design, Spec Support website; Under “Antiterrorism Force Protection”; choose “08110”.

SECTION 08120: “Aluminum Doors and Frames” (09/99)

1. Paragraph 1.1 Add the following new references under: “AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA)”

AAMA 2605 (1988) Voluntary Specification, Performance Requirements
And Test Procedures for Superior Performance Organic Coatings
On Aluminum Extrusions and Panels

2. Paragraph 2.3.8.2 Organic Coating:

Delete the criteria note and organic coating paragraph and insert in it place the following.

NOTE: When anodic and organic coatings are determined to be available in similar colors and economically competitive in the project area, specify baked enamel finish (AAMA 2603) as an option to Architectural Class II, anodic coating or high-performance finish (AAMA 2605) as an option to Architectural Class I, anodic coating. AAMA 2605 standard roughly equates to a 70% resin polyvinylidene fluoride coating.

Clean and prime exposed aluminum surfaces. Provide a [baked enamel finish in accordance with AAMA 2603 with total dry film thickness not less than 0.02 mm 0.8 mil] [high-performance finish in accordance with [AAMA 2604] [AAMA 2605] with total dry film thickness of not less than 0.03 mm 1.2 mils].”

3. For automatic entrance door controls after to section 08460 ISR Notes.

4. Projects that must met minimum Antiterrorism Force Protection requirements, must add additional requirements to this section. These additional requirements are in the specification section UFGS-08120, “Aluminum Doors and Frames” dated 02/04 (ATFP) located on the NAVFAC Atlantic, Capital Improvements, Engineering and Design, Spec Support website; under “Antiterrorism Force Protection”; choose “08120”

(Rev. 08/04)

SECTION 08460: “Automatic Entrance Doors”

1. Presently there is not UFGS Guide Specification for Automatic Entrance Doors; however if the facility requires the use of these high usage entrance doors, utilize the following paragraphs to specify the safety devices.

“2.xx SAFETY DEVICES

[2.xxx Automatic Swinging Door Safety Device

Provide a dual function safety device that utilizes planar K-band microwave motion detectors and active infrared presence sensors at each door to protect individuals in the path of the swinging door. The planar K-band motion detector shall be capable of sensing an individual moving as slow as 55.8 mm 2.2 inches per foot. The infrared sensors shall employ both diffused presence sensors that see through the plane of the door and distance measuring presence sensors. The infrared sensors shall constantly remain in operation. The safety device shall call for reactivation or creep closing function depending on the location of the sensor. If the sensor is located on the swing side, it will call for reactivation, if it is located on the pull side, it will call for a creep closing function. Sensing system shall be fully adjustable with a universal remote control and meet or exceed the requirements of ANSI 156.10.]

[2.xxx Automatic Sliding Door Safety Device

Provide a dual function safety device that utilizes planar K-band microwave motion detectors and focused active infrared presence sensors at each door to protect individuals in the path of the sliding door. The planar K-band motion detector shall be capable of sensing individuals moving as slow as 55.8 mm 2.2 inches per foot. The focused active infrared sensors shall overlap their patterns for full coverage of the motion pattern and extend its range all the way to the floor surface. The infrared sensors shall constantly remain in operation even when the door is in the closing cycle.”

SECTION 08520: “Aluminum Windows” (02/04)

Projects that must meet minimum antiterrorism force protection requirements, must add additional requirements to this section. These additional requirements are specified in the redline changes indicated on the specification section UFGS-08520, “Aluminum Windows”, dated 02/04(ATFP) located at:

https://portal.navfac.navy.mil/portal/page?_pageid=34_54852.34_54862:34_55884&_dad=ptl&_schema=P_TLP

SECTION 08710: “Door Hardware” (02/02)

1. Paragraph 1.1 References:

Add the following new reference:

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

(Rev. 08/04)

“ASTM E 152 (Rev. A 1981) Fire Tests of Door Assemblies”

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

“NFPA 252 (1995) Fire Tests of Door Assemblies”

2. After Paragraph 1.5.1 add the following new paragraph Hardware Schedule

“1.5.2 Key Shop Drawing Coordination Meeting

Add the following new paragraph “Prior to the submission of the key shop drawing, the Contracting Officer, Contractor, Door Hardware subcontractor, using Activity and Base Locksmith, shall meet to discuss key requirements for the facility”

3. Paragraph 2.3 Hardware Items:

Change the NOTE: “For projects at Camp Lejeune” to read “For projects at Camp Lejeune and New River”

4. Paragraph 2.3.1 Hinges

Add the following new criteria note and paragraph:

NOTE: In accordance with the Department of Defense HandBook of Child Development Centers (MIL-HDBK-1037/2A). Provide Hand and Protection Hardware for the Hinge-side open areas of Child Development Center Doors.

5. Paragraph 2.3.7 Cylinders and Cores

Criteria note: Delete fourth paragraph referring to Bermuda in its entirety.

6. Paragraph 2.3.9 Lock Trim

After the last sentence of the editor’s note, add the following sentence: “When only lever handles will be required, delete the paragraph entitled, “Knobs and Roses” and the first bracket statement in the first sentence of the next paragraph entitled, “Lever Handles”.

7. Paragraph 2.3.9.2 Lever Handles

Delete the first sentence in its entirety and replace with the following:

“Provide lever handles[in lieu of knobs where specified in paragraph entitled "Hardware Sets"].

8. Paragraph 2.3.23 Special Tools

After this paragraph, add the following new paragraph:

(Rev. 08/04)

“2.3.24 [PROTECTION DEVICES

Provide full height hand and finger protection device at the hinge-side area opening of doors and gates. Hinge-side protection device shall be provided on both sides of the doors and gates, covering hinges and space between door and frame when doors are in the open position. The installed device shall push hand and/or fingers out of the opening and away from a crushing hazard. Hinge protection device shall meet the requirements of NFPA 252, US 108, and ASTM E 152.]”

SECTION 08900: "Glazed Curtain Wall" (09/99)

1. Do not use this section except for true curtain wall construction.
2. If this section is used, it must be carefully coordinated with Sections 07600, 08120, 08520, 08800, 09050, etc., to prevent duplication and conflicts.

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 09

SECTION 09100: “Metal Support Assemblies” (9/99)

1. Paragraph 2.1.2.2 Non-load-Bearing Wall Framing and Furring

“NOTE: Minimum thickness...in the fifth line change “thickness for medical,” to read “thickness for high abuse/impact prone environments, medical,”

SECTION 09510: “ Acoustical Ceilings” (07/02)

After the section date “07/02”, add the following: “(AT/FP)”

1. Paragraph 1.1 REFERENCES

Under Reference “AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)” add the following:

“ASTM B 164 (1998) Standard Specification for Nickel-Copper Alloy Rod, Bar, and Wire”

2. Paragraph 2.1.1 Units for Exposed Grid System [A] [_____]

a. Nominal size: In the first line change “600” to read “610” and change “1200” to read “1219”

3. Paragraph 2.1.2 Units for Concealed-Grid System [A] [_____]

g. Nominal size: Change “[300 by 300]” to read “[305 by 305]”

4. Paragraph 2.1.3 Metal Pans [A] [_____]

f. Nominal Size: Change “[600]” to read “[610]”.

5. Paragraph 2.1.4 Impact/Abrasion Resistant Units

f. Nominal Size: Change “[300 by 300]” to read “[305 by 305]”, change “[600 by 600]” to read “[610 by 610]” and change “[600 by 1200]” to read “[610 by 1219]”.

6. Paragraph 2.1.5 Humidity Resistant Composition Units

f. Nominal Size Change “[600 by 1200]” to read “[610 by 1219]”

7. Paragraph 2.1.6 Metal Faced Composition Units

f. Nominal Size: Change “600 by [600] [1200]” to read “610 by [610] [1219]”

8. Paragraph 2.2 Suspension System:

At the end of the editor's note, add the following note: "Include the bracket option below regarding Antiterrorism/force protection requirements when personnel density is greater than one person per 40 square meters, 430 square feet and minimum AT/FP standoff distances are met. Include bracket option for severe seismic disturbance when AT/FP is required. Seismic requirements should be included for all projects located within seismic zones 3 and 4. See NAVFAC Manual P-355 for zones."

Preceding the last sentence of the paragraph text, add the following: "[[Antiterrorism/Force Protection]] and][Seismic] ceiling restraints shall be provided in accordance with ASTM E 580 subject to "severe seismic disturbance".]"

f. Accessibility: In the sixth line change "600 by 600" to read "610 by 610" and in the seventh line change "600 by 1200" to read "610 by 1219"

NOTE: Change criteria note stating "8 or 10 gage wire" to read "10 or 8 gage"

9. Paragraph 2.3.1 Wires

In the first line of the paragraph text, following "[ASTM A 6641/A 641M", delete "Class 1" and change it to read "galvanized regular coating, soft temper,"

In the second line, following "[ASTM A 580/A 580M", change "condition annealed stainless steel," to read "annealed stainless steel,"

After ASTM A 580/A 580M...add the following.

"[ASTM B 164, USN N04400, annealed nickel-copper alloy, [2.7] [] mm [0.1055] [] inches in diameter.]"

10. Paragraph 2.5 Adhesive:

NOTE: Change criteria note stating "Tiles larger than 300 x 600 mm 12 x 24 inches should not be attached by adhesive method." to read, "Tiles larger than 305 x 610 mm 12 x 24 inches should not be attached by adhesive method."

11. Paragraph 3.1.1.1 Plumb Hangers

In the second sentence following "suspended ceiling system", add the following: "or independently supported from the build structural framing".

12. Paragraph 3.1.1.2 Splayed Hangers

At the end of this paragraph, add the following editor's notes and paragraph:

"NOTE: Include AT/FP requirements below regarding acoustical ceilings when personnel density is greater than one person per 40 square meters 430 square feet and minimum AT/FP

(Rev. 08/04)

standoff distances are met. This does not include guard type facilities, single and duplex detached family housing. These requirements are specified in "Department of Defense Antiterrorism Standards for Buildings."

NOTE: When specifying antiterrorism/force protection restraints, include bracket option for antiterrorism/force protection and restraints subject to severe seismic disturbance. Seismic requirements should be included for all projects located within seismic zones 3 and 4. See NAVFAC Manual P-355 for zones.

3.1.1.3 [Antiterrorism/Force Protection][and][Seismic] Restraint System

Provide [antiterrorism/force protection][and][seismic] restraint for the suspension system in accordance with ASTM E 580.[Restraints for antiterrorism/force protection shall be based on severe seismic disturbances.]”

13. Paragraph 3.2.1.1 Hangers

In the fifth sentence, delete “supported from” and replace with “required with”.

14. Paragraph 3.1.5 Adhesive Application

NOTE: In the third sentence change “300 x 600” to read “305 x 610”

SECTION 09680: “Carpet” (04/04)

1. Paragraphs 2.1.1.1 thru 2.1.1.3 [BROADLOOM CARPET][MODULAR TILE CARPET][ENTRANCE CARPET] [A][B][C]:

In subparagraph d. Pile Fiber: Commercial....delete this paragraph and substitute it with the following:

“d. Pile Fiber: Provide one of the following:

- 1) 100% premium branded, yarn-dyed, Type 6,6 continuous hollow filament nylon
- 2) 100% premium branded, solution-dyed m /type 6 or Type 6,6 continuous hollow filament nylon
- 3) Premium branded, Type 6 nylon staple
- 4) Premium branded, Type 6.6 nylon staple
- 5) Wool blended with Wool Bureau certification
- 6) Wool with Wool Bureau certification
- 7) Polyethylene terephthalate (PET) 25-100 percent recycled fiber”

(Rev. 08/04)

SECTION 09900: “Paints and Coatings” (11/03)

1. Paragraph 1.1 REFERENCES

MASTER PAINTERS INSTITUTE (MPI)

MPI 56 (2001) Interior Alkyd Dry Fog/Fall

Change the title “Interior Alkyd Dry Fog/Fall” to “Interior Oil Modified Clear Urethane Gloss”

2. Paragraph 1.2 SUBMITTALS

Immediately following the criteria note, delete the first subparagraph in its entirety.

3. Criteria notes before paragraph 1.3.2

Change the first sentence of the first criteria note from:

“For projects in continental US, Hawaii, Alaska, and Puerto Rico, require SSPC Certification.” To “Only require SSPC Certification for projects in continental US, Hawaii, Alaska, and Puerto Rico.”

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 10

SECTION 10201: “Metal [Wall] [And] [Door] Louvers” (09/99)

1. Paragraph 1.1 References:

Delete reference AAMA 603.8

Add the following new references under: “AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION (AAMA)”

- AAMA 611 (1988) Voluntary Specification for Anodized Architectural Aluminum
- AAMA 2603 (1988) Voluntary Specification, Performance Requirements And Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels
- AAMA 2604 (1988) Voluntary Specification, Performance Requirements And Test Procedures for High Performance Organic Coatings On Aluminum Extrusions and Panels
- AAMA 2605 (1988) Voluntary Specification, Performance Requirements And Test Procedures for Superior Performance Organic Coatings On Aluminum Extrusions and Panels

2. Paragraph 2.5 Finishes: Delete paragraphs 2.5.1, 2.5.1.1 and 2.5.1.2 under 2.5 Finishes, and add the following:

NOTE: Specify anodic and organic coatings as Contractor’s option when these finishes are determined to be available in similar colors an economically competitive in the project area, unless the project requires use of one or theother to match an existing condition.

2.5.1 Aluminum

Exposed aluminum surfaces shall be factory finished with an [anodic coating] [or] [organic coating]. [Color shall be [_____] [as indicated].] all louvers [for each building] shall have the same finish.

2.5.1.1 Anodic Coating

NOTE: Specify Architectural Class I for harsh atmospheres where dust, gases, salts, and other destructive elements will attack metal finish. Specify Architectural Class II for all atmospheric conditions not requiring Class I.

Clean exposed aluminum surfaces and provide anodized finish conforming to AA 45 and AAMA 611. Finish shall be:

- [a. Architectural Class II (0.01 to 0.0175 mm 0.4 mil to 0.7 mil), designation AA-M10-C22-[A31, clear (natural)] [A32, integral color] [A34, electrolytically deposited color] anodized.]
- [b. Architectural Class I (0.0175 mm 0.7 mil or thicker), designation AA-M10-C22-[A41, clear (natural)] [A42, integral color] [A44, electrolytically deposited color] anodized.]

2.5.1.2 Organic Coating

NOTE: When anodic and organic coatings are determined to be available in similar colors and economically Competitive in the project area, specify baked enamel finish (AAMA 2603) as an option to Architectural Class II, anodic coating or high-performance finish (AAMA 2605) as an option to Architectural Class I, anodic coating. AAMA 2605 Roughly equates to 70% resin polyvinylidene fluoride.

Clean and prime exposed aluminum surfaces. Provide a [baked enamel finish in accordance with AAMA 2603 with total dry film thickness not less than 0.02 mm 0.8 mil] [high-performance finish in accordance with [AAMA 2604] [AAMA 2605] with total dry film thickness of not less than 0.03 mm 1.2 mils].”

SECTION 10605: “Wire Mesh Partitions” (09/99)

1. Paragraph 1.4 Description of Work

After this paragraph add the following new sentence:

“Wire mesh partitions include all cages, dividers, and lockers, etc...attached to the indicated wire mesh partitions.”

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 11

SECTION 11401N: “Electric Kitchen Equipment” (08/01)

1. Add at the end of the criteria note that is below the section title:

**NOTE: The following information shall be shown on the projects drawings:
Design kitchen systems for energy efficiency in compliance with FEMP/Energy
Star requirements specified at www.eren.doe.gov/femp/procurement. Indicate the
design parameters on the drawings.**

2. Paragraph 2.1.4 Refrigerator

Following this paragraph title, add:

**NOTE: Select refrigerators for energy efficiency in compliance with FEMP/Energy
Star requirements specified at www.eren.doe.gov/femp/procurement. Indicate the
design parameters on the drawings.**

3. Paragraph 2.1.5 Ice Makers

Following this paragraph title, add:

**NOTE: Select ice makers for energy efficiency in compliance with FEMP/Energy
Star requirements specified at www.eren.doe.gov/femp/procurement. Indicate the
design parameters on the drawings.**

4. Paragraph 2.1.15 Kitchen Unit

Following this paragraph title, add:

**NOTE: Select kitchen units for energy efficiency in compliance with FEMP/Energy
Star requirements specified at www.eren.doe.gov/femp/procurement. Indicate the
design parameters on the drawings.**

5. Paragraph 2.1.17 Dishwashers

Following this paragraph title, add:

(Rev. 08/04)

NOTE: Select dishwashers for energy efficiency in compliance with FEMP/Energy Star requirements specified at www.eren.doe.gov/femp/procurement. Indicate the efficiency design parameters on the drawings.

(Rev. 08/04)

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 12

There are no revisions in Division 12 at this time.

(Rev. 08/04)

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 13

SECTION 13110N: “Cathodic Protection by Galvanic Anodes” (9/00)

Contact Code CI442, Karl Liebrich, ph (757) 322-4267 for required changes on an as-needed basis.

SECTION 13111N: “Cathodic Protection by Impressed Current” (08/01)

Contact Code CI442, Karl Liebrich, ph (757) 322-4267 for required changes on an as-needed basis.

SECTION 13112N: “Cathodic Protection (Steel Water Tanks)” (03/00)

Contact Code CI442, Karl Liebrich, ph (757) 322-4267 for required changes on an as-needed basis.

SECTION 13205N: “Steel Tanks with Fixed Roofs” (06/02)

Note: Delete the Y2K requirements in the following paragraphs:

“1.2 DEFINITIONS”, “1.3 SUBMITTALS”, “1.11 WARRANTY”, and “2.1 Y2K COMPATIBILITY”. Renumber the remaining paragraphs accordingly.

SECTION 13216N: “Underground Petroleum Tanks” (09/99)

Note: Delete the Y2K requirements in the following paragraphs:

“1.2 DEFINITIONS”, “1.4 SUBMITTALS”, “1.6 WARRANTY”, and “2.1 Y2K COMPATIBILITY”. Renumber the remaining paragraphs accordingly.

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 14

SECTION 14210: “Electric Traction Elevators” (03/01)

1. Follow the NAVFAC “Elevator Design Guide” throughout the design of the elevators. Guide is available from project design team.
2. Paragraph 2.4.2 Logic Control

Delete paragraph in its entirety and replace with the following:

“2.5.1 Logic Control

NOTE: Use microprocessors for elevator logic control. However, solid-state microprocessor control is not desirable for any facility that is subject to an erratic building power supply, or at a remote location. In this situation, specify an electromagnetic switch, relay logic controller.

[Provide commercially available microprocessor controller to enable programmable control of call allocation, logic functions, door control, speed-sensing and car position. Provide a comprehensive and unrestricted method of accessing the microprocessor memory for elevator diagnostic purposes and a method of reprogramming adjustable parameters of computerized controls. Store all programming in non-volatile memory. The microprocessor control system is acceptable only if all hardware, software, and software documentation required to maintain and utilize the microprocessor is provided, and training is provided to Government Personnel by the equipment manufacturer and supplier.

2.5.1.1 On-Board Diagnostic Panel

Provide for each individual elevator microprocessor controller an on-board diagnostic control and LCD display panel that allows unrestricted access to the comprehensive range of adjustable parameters necessary to perform installation, adjusting, maintenance, and testing of the elevator. For each elevator group control, provide a separate on-board diagnostic control and LCD display panel that allows unrestricted access to the comprehensive range of options and adjustments necessary to perform installation, adjusting, maintenance, and testing of the elevator group. The LCD displays shall also provide the capability to display, monitor, and diagnose any and all fault logs, fault history, trouble calls, and diagnostics.

Provide three (3) copies of the complete manufacturer’s software program, with complete software documentation, that shall enable the same level of unrestricted access to all controllers of the same make and model, regardless of the installation date or location. Provide signed certification, from the manufacturer’s corporate headquarters, that guarantees that the microprocessor software and access system will not terminate the unlimited and unrestricted access at any future date.

2.5.1.2 External Port

For each individual elevator controller, and elevator group controller, provide a USB port or an RS 232 port that allows connection to an on-site or a remote portable laptop computer. Provide the same level of unrestricted access as the on-board diagnostic panel.

Provide three (3) copies of the complete manufacturer’s software program, with complete software documentation, that shall enable the same level of unrestricted access to all controllers of the same make and model, regardless of the installation date or location. Provide signed certification, from the manufacturer’s corporate headquarters, that guarantees that the microprocessor software and access system will not terminate the unlimited and unrestricted access at any future date.

2.5.1.3 Repair Requirements

For repair of the microprocessor control system(s), provide maintenance tools, supporting computer software, and software documentation required for complete maintenance of elevator system including diagnostics and adjustments. On-board diagnostic panels shall not require recharging to maintain their memory or authorization for use. Software shall not require periodic reprogramming, or reauthorization. Programs shall be stored in non-volatile memory. [Provide electromagnetic switch, relay logic controller, complete with three (3) copies of the ladder diagram, fully cross-referenced and annotated, with the complete sequence of operations.]”

SECTION 14240: “Hydraulic Elevators” (09/02)

1. Follow the NAVFAC “Elevator Design Guide” throughout the design of the elevators. Guide is available from project design team.

2. In paragraph 2.4.6.3 Pressure Test

Install pressure...wherever 205 kPag appears in this paragraph, change it to read “69 kPag” and wherever “30 psig” appear in paragraph change it to read “10 psig”

3. Paragraph 2.5.1 Logic Control

Delete paragraph in its entirety and replace with the following:

“2.5.1 Logic Control

NOTE: Use microprocessors for elevator logic control. However, solid-state microprocessor control is not desirable for any facility that is subject to an erratic building power supply, or at a remote location. In this situation, specify an electromagnetic switch, relay logic controller.

[Provide commercially available microprocessor controller to enable programmable control of call allocation, logic functions, door control, speed-sensing and car position. Provide a

(Rev. 08/04)

comprehensive and unrestricted method of accessing the microprocessor memory for elevator diagnostic purposes and a method of reprogramming adjustable parameters of computerized controls. Store all programming in non-volatile memory. The microprocessor control system is acceptable only if all hardware, software, and software documentation required to maintain and utilize the microprocessor is provided, and training is provided to Government Personnel by the equipment manufacturer and supplier.

2.5.1.1 On-Board Diagnostic Panel

Provide for each individual elevator microprocessor controller an on-board diagnostic control and LCD display panel that allows unrestricted access to the comprehensive range of adjustable parameters necessary to perform installation, adjusting, maintenance, and testing of the elevator. For each elevator group control, provide a separate on-board diagnostic control and LCD display panel that allows unrestricted access to the comprehensive range of options and adjustments necessary to perform installation, adjusting, maintenance, and testing of the elevator group. The LCD displays shall also provide the capability to display, monitor, and diagnose any and all fault logs, fault history, trouble calls, and diagnostics.

Provide three (3) copies of the complete manufacturer's software program, with complete software documentation, that shall enable the same level of unrestricted access to all controllers of the same make and model, regardless of the installation date or location. Provide signed certification, from the manufacturer's corporate headquarters, that guarantees that the microprocessor software and access system will not terminate the unlimited and unrestricted access at any future date.

2.5.1.2 External Port

For each individual elevator controller, and elevator group controller, provide a USB port or an RS 232 port that allows connection to an on-site or a remote portable laptop computer. Provide the same level of unrestricted access as the on-board diagnostic panel.

Provide three (3) copies of the complete manufacturer's software program, with complete software documentation, that shall enable the same level of unrestricted access to all controllers of the same make and model, regardless of the installation date or location. Provide signed certification, from the manufacturer's corporate headquarters, that guarantees that the microprocessor software and access system will not terminate the unlimited and unrestricted access at any future date.

2.5.1.3 Repair Requirements

For repair of the microprocessor control system(s), provide maintenance tools, supporting computer software, and software documentation required for complete maintenance of elevator system including diagnostics and adjustments. On-board diagnostic panels shall not require recharging to maintain their memory or authorization for use. Software shall not require periodic reprogramming, or reauthorization. Programs shall be stored in non-volatile memory. [Provide electromagnetic switch, relay logic controller, complete with three (3) copies of the ladder diagram, fully cross-referenced and annotated, with the complete sequence of operations.]”

4. Paragraph 2.9.1 Wiring and Traveling Cables

(Rev. 08/04)

In the first sentence delete the reference to “Article 620”

5. Paragraph 3.2.2.3 Speed Tests

Determine actual speed....delete the last two sentences in their entirety.

6. Paragraph 3.2.2.4 Leveling Tests

Test elevator car....delete the last two sentences in their entirety.

(Rev. 08/04)

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 15

SECTION 15080N: “Mechanical Insulation” (09/99)

Do NOT use this specification section on NAVFAC ATLANTIC projects. Use NAVFAC ATLANTIC Specification UFGS-L-15080N, “Mechanical Insulation” (08/03) from the NAVFAC ATLANTIC Home Page. Do not use the version from the CCB disk. The final specification should be available on the April 2004 CCB.

SECTION 15400N: "Plumbing Systems" (6/01)

Do not use this section on NAVFAC ATLANTIC projects. Instead, use the NAVFAC ATLANTIC regional specification section UFGS-L-15400N, “Plumbing Systems” (2/03) from the NAVFAC ATLANTIC Home Page or the October 2003 CCB.

SECTION 15602N: “Refrigeration Equipment For Cold Storage” (09/99)

Do not use this on NAVFAC ATLANTIC projects. Instead, use the advance copy of the new UFGS-15602N, “Refrigeration Equipment For Cold Storage” (08/03) from the NAVFAC ATLANTIC Home Page.

SECTION L-15700N: "Heating, Ventilating and Cooling Systems" (2/03)

Do not use this version of the specification section on NAVFAC ATLANTIC projects. Instead, use the advance copy of the new NAVFAC ATLANTIC regional specification section UFGS-L-15700N, “Heating, Ventilating and Cooling System” (1/04) from the NAVFAC ATLANTIC Home Page. The final version should be available on the April 2004 CCB. .

SECTION 15741: "Vertical Ground-Coupled Heat Exchange Systems (VGCHES)" (11/03)

Do not use this section on NAVFAC ATLANTIC projects. Instead, use Section 15741N, "Water Source Heat Pump Systems" (02/03).

SECTION 15810N: “Ductwork and Ductwork Accessories” (08/03)

Do not use this version of the specification section on NAVFAC ATLANTIC projects. Instead, use the advance copy of the new UFGS-15810N, “Ductwork and Ductwork Accessories” (01/04) from the NAVFAC ATLANTIC Home Page.

SECTION 15895: "Air Supply, Distribution, Ventilation, and Exhaust System" (11/03)

(Rev. 08/04)

Do not use this section for NAVFAC ATLANTIC projects. Instead, use the advance copy of the new NAVFAC ATLANTIC Regional Guide Specification UFGS-L-15700N, "Heating, Ventilating and Cooling System" (01/04) from the NAVFAC ATLANTIC Home Page for systems of less than 60 tons cooling. For larger systems, use UFGS-15720N, "Air Handling Units" and new UFGS-15810N (01/04) from the NAVFAC ATLANTIC Home Page.

(Rev. 08/04)

NAVFAC ATLANTIC
INTERIM SPECIFICATION REVISIONS
DIVISION 16

SECTION 16050N: “Basic Electrical Materials and Methods” (02/03)

The interim specification revisions for Section 16050N have been incorporated. The updated version dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16261N: “Variable Frequency Drive Systems Under 600 Volts” (09/99)

Note: Do NOT use this specification section on NAVFAC ATLANTIC projects. Use Sample Specification UFGS-S-16261, “Variable Frequency Drive System Under 600 Volts” (01/01). This version is available on the NAVFAC ATLANTIC Home Page.

SECTION 16272N: “Three-Phase Pad-Mounted Transformers” (08/03)

The interim specification revisions for Section 16272N have been incorporated. The updated version, Section 16272, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16273: “Single-Phase Pad-Mounted Transformers” (08/03)

The interim specification revisions for Section 16273N have been incorporated. The updated version, Section 16273, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16302N: “Underground Transmission and Distribution” (02/03)

Do NOT use this specification section on NAVFAC ATLANTIC projects. Use NAVFAC ATLANTIC Specification UFGS-L-16303N, “Underground Electrical Work” (02/03) instead. Use the latest version available from the CCB website.

SECTION 16360N: “Secondary Unit Substations” (08/03)

The interim specification revisions for Section 16360N have been incorporated. The updated version, Section 16360, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16402N: “Interior Distribution System” (09/03)

(Rev. 08/04)

The interim specification revisions for Section 16402N have been incorporated. The updated version, Section 16402, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16442N: “Switchboards and Switchgear” (08/03)

The interim specification revisions for Section 16442N have been incorporated. The updated version, Section 16442, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16510N: “Interior Lighting” (08/03)

The interim specification revisions for Section 16510N have been incorporated. The updated version, Section 16510, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website..

SECTION 16520N: “Exterior Lighting” (02/03)

The interim specification revisions for Section 16520N have been incorporated. The updated version, Section 16520, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16710N: “Structured Telecommunications Cabling and Pathway System” (02/03)

The interim specification revisions for Section 16710N have been incorporated. The updated version, Section 16710, “Building Telecommunications Cabling System,” dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16720N: “Administrative Telephone Equipment, Inside Plant” (02/02)

NOTE: Do not use this section to specify interior telephone systems. Use Section 16710, “Structured Telecommunications Cabling and Pathway Systems” to specify interior telephone systems. Section 16710 can be used for both copper and fiber optic cabling and pathway systems.

SECTION 16721N: “Telephone Distribution System, Outside Plant” (02/03)

The interim specification revisions for Section 16721N have been incorporated and are included in Section 16711, “Telecommunications Outside Plant (OSP).” The updated version, Section 16711, dated (8/04) shall be used on current NAVFAC Atlantic projects. This version will be available on the CCB website.

SECTION 16721: "Intercommunication System" (10/02)

(Rev. 08/04)

Do not use this specification section on NAVFAC ATLANTIC projects. Use Section 16822N, "Intercommunication System," (08/03) instead.

SECTION 16770: "Radio and Public Address Systems" (11/03)

Do not use this specification section on NAVFAC ATLANTIC projects. Use Section 16822N, "Intercommunication System" (08/03) instead.

SECTION 16782N: "[Master] [Community] Antenna Television System" (08/03)

Do not use this specification section on NAVFAC ATLANTIC projects. Use Section 16783N, "Community Antenna Television (CATV) Systems" (02/03) instead.