

**ATLANTIC DIVISION**  
**NAVAL FACILITIES ENGINEERING COMMAND**  
**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
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8. LANTDIV Interim Specifications Revisions (ISR)

February 2004



(Rev. 02/04)

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

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## **GUIDE SPECIFICATIONS USED BY ATLANTIC DIVISION, NAVAL FACILITIES ENGINEERING COMMAND**

**POLICY:** Use the most current version of the Unified Facilities Guide Specifications (UFGS) available on the Construction Criteria Base website on the UFGS homepage. 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 Construction Criteria Base web site updates the UFGS database monthly. It is the AE’s responsibility to ensure that the most current version of the specification is used prior to 100% design. The UFGS can be found on the CCB website at:

<http://www.ccb.org/ufgs/ufgs.htm>

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

<http://www.lantdiv.navfac.navy.mil/>

Select EICO under the Organization pull down menu. On the Engineering Innovation and Criteria Office web page select Publications, then Guide Specifications on the Active Criteria tab, and select Regional Guide Specifications.

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

<http://www.lantdiv.navfac.navy.mil/>

Select Capital Improvements under the Business Lines pull down menu, and then select Engineering and Design. Click on the Specification Support Tab.



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(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: E.J. Gallaher, 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 LANTDIV 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 LantDiv specifications web page at [www.lantdiv.navfac.navy.mil](http://www.lantdiv.navfac.navy.mil). Once there proceed to “Capital Improvements”, “Engineering and Design”, and “Spec Support” to the specification webpage. Under “Specifications Graphics”, download “AE Specification Cover Sheet”. For DB RFPs, please consult the NAVFAC DB website, [www.wbdg.org/ndbm](http://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 LANTDIV 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 LANTDIV.

## INSTRUCTIONS TO AEs AND TYPISTS

1. Submit an outline specification, basis of design, and layout drawings to the LANTDIV 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 LANTDIV Design Homepage for a sample outline specification. It is important that all AEs preparing their first specification for LANTNAVFACENGCOM 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 LANTDIV 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 LANTDIV through a system of Interim Specification Revisions (ISR), and must be incorporated by the AE firm.**
- SPECIAL NOTE:** LANTDIV Sample Specifications (available from LANTDIV Homepage) and LANTDIV 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 LANTDIV 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 (LANTDIV or its AE firm) 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 LANTDIV 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 submittal is made to LANTDIV. 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 or Mr. Jim Baldwin at 757-322-8421 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 LANTDIV when the 100 percent submittal is returned to the AE.

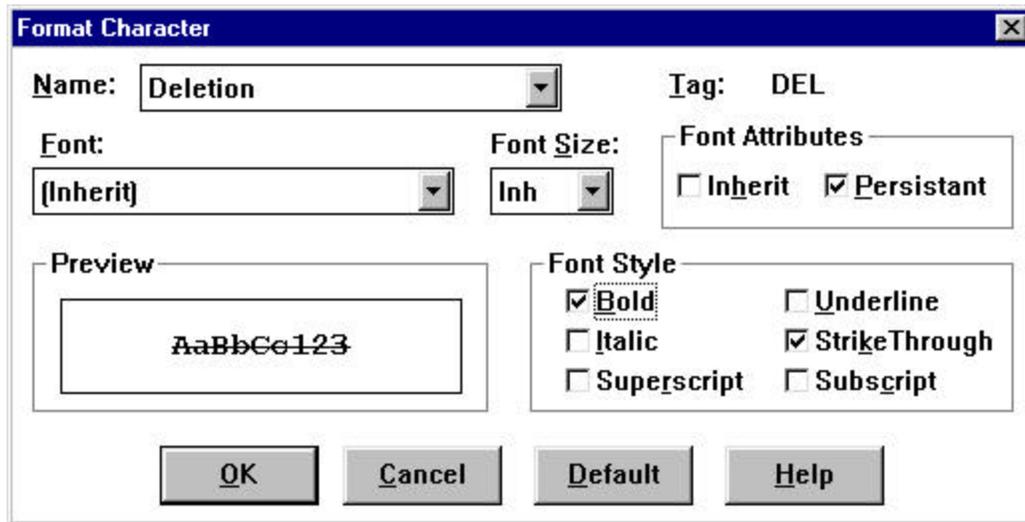
17. Review comments will be made on specifications submitted by AE firms. It is mandatory that the AE acceptably respond to these comments. Corrections and changes must be made as requested or the AE must explain why such corrections or changes were not made. If the AE disagrees with any comment, it 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

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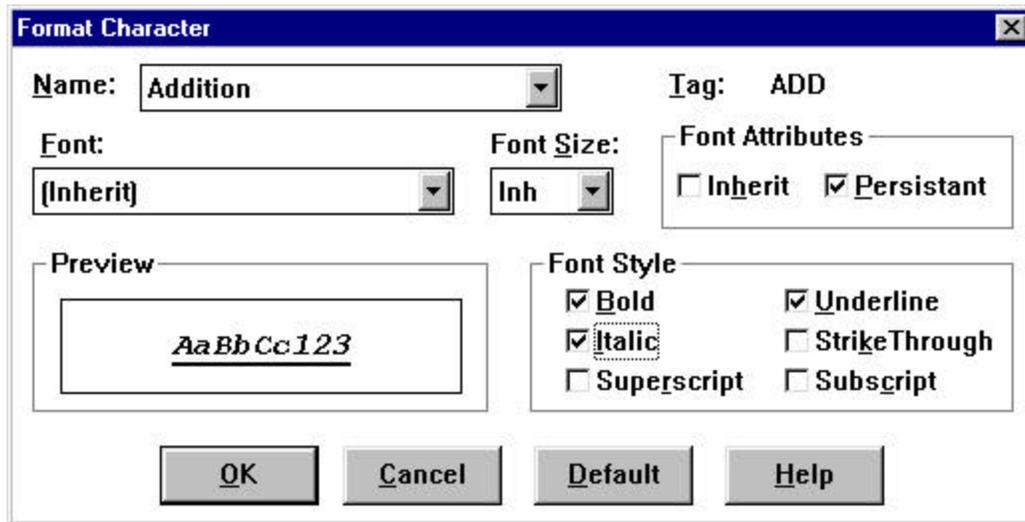
resolution of comments, or the AE firm may be required to attend an on-board review at LANTDIV to resolve comments.

#### SPECIAL NOTES TO TYPISTS

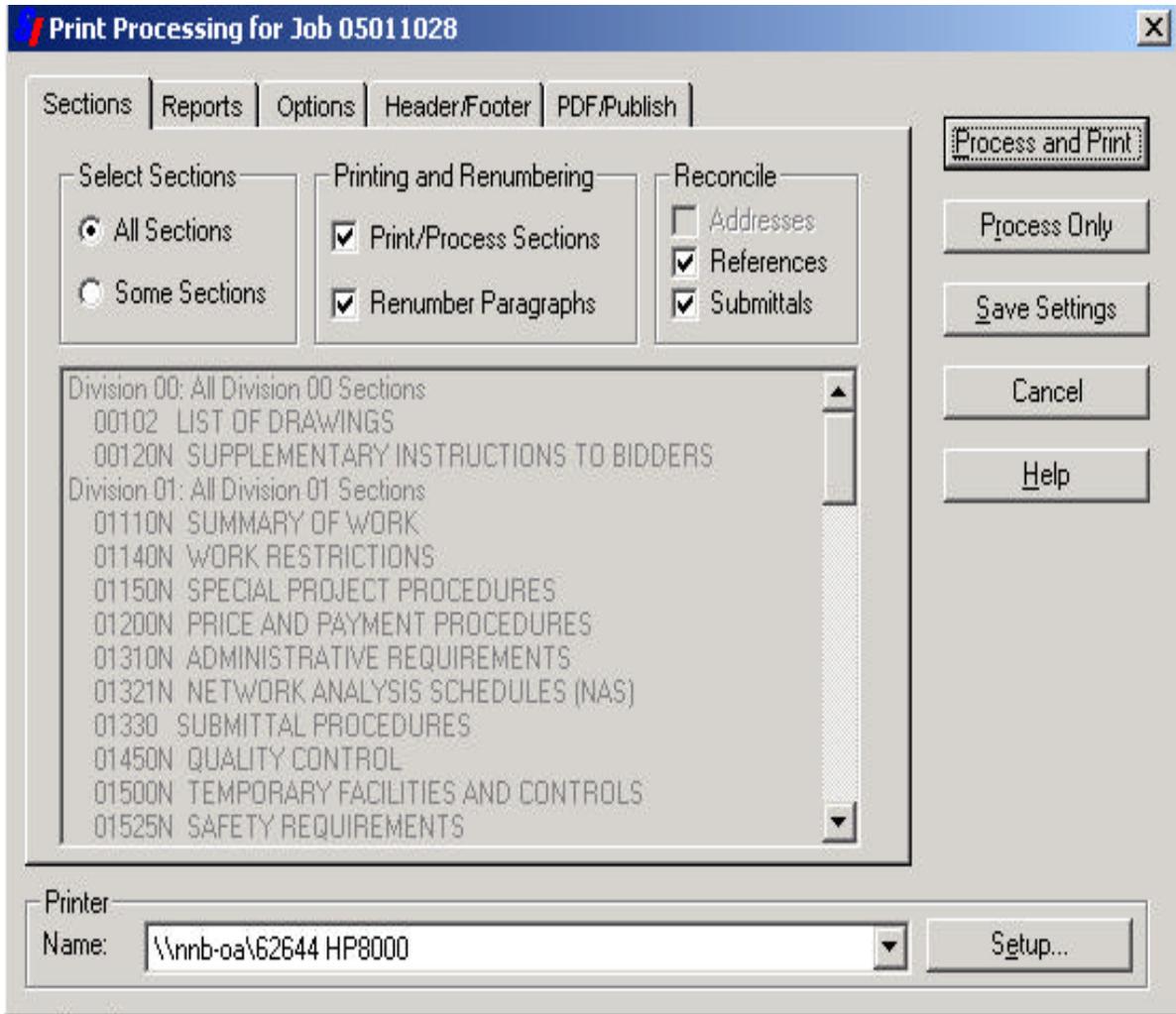
1. Margins: The margins should allow enough room so the document can meet the margin requirements when reproduced on 8.5-by 11-inch paper. The margins are as follows: top = 3/4 inch, right side = 3/4 inch; bottom = 1/2 inch; and left margin = 1 inch. Specification number and section number at bottom 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 Architect-Engineer or LANTDIV.
6. Ensure table headers line up correctly.



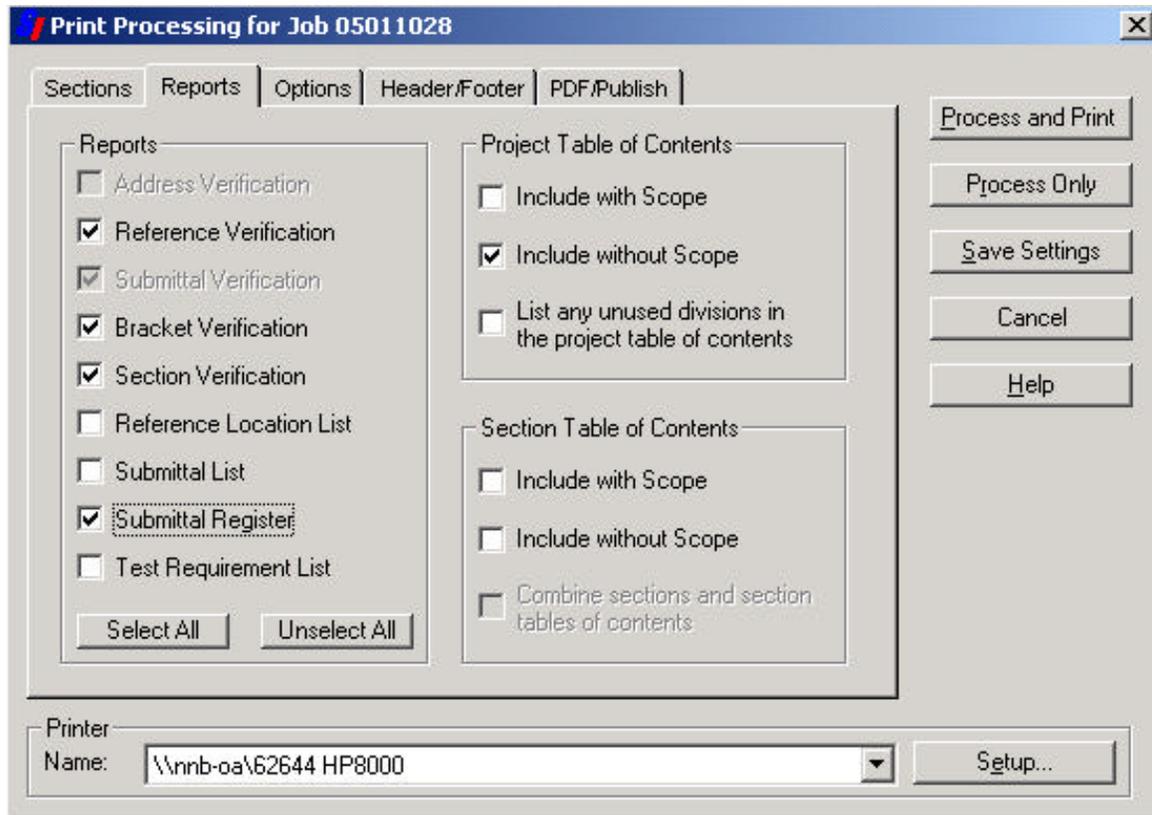
- To initiate desired redlining character format:
  1. Go to “Format” on the pull down menu tool bar.
  2. Select “Character”.
  3. (Alt+C will perform Steps 1 & 2)
  4. Under name, select “Deletion”.
  5. Toggle on “Bold” and “Strike-through”.
  6. Screen should match that shown above.
  7. Select “OK”.
- 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.



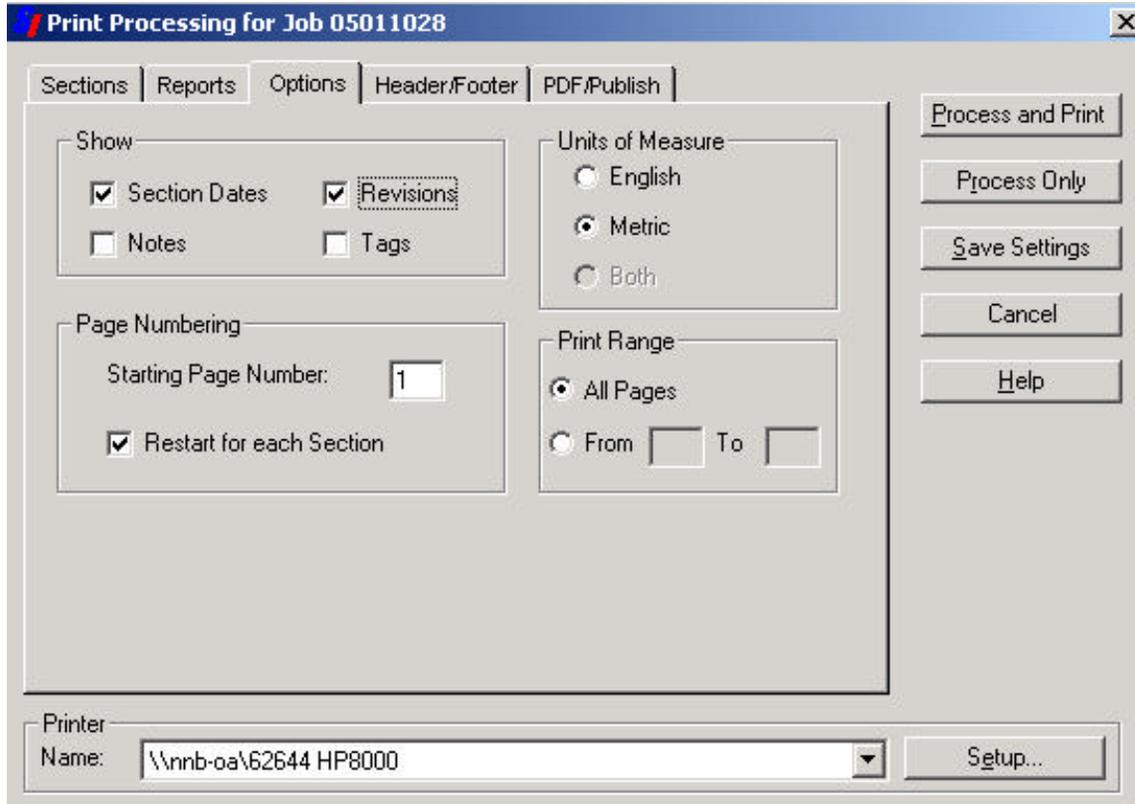
- To initiate desired redlining character format:
  1. Go to “Format” on the pull down menu tool bar.
  2. Select “Character”.
  3. (Alt+C will perform Steps 1 & 2.)
  4. Under name, select “Addition”.
  5. Toggle on “Bold”, “Italic”, and “Underline”.
  6. Screen should match that shown above.
  7. Select “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”.

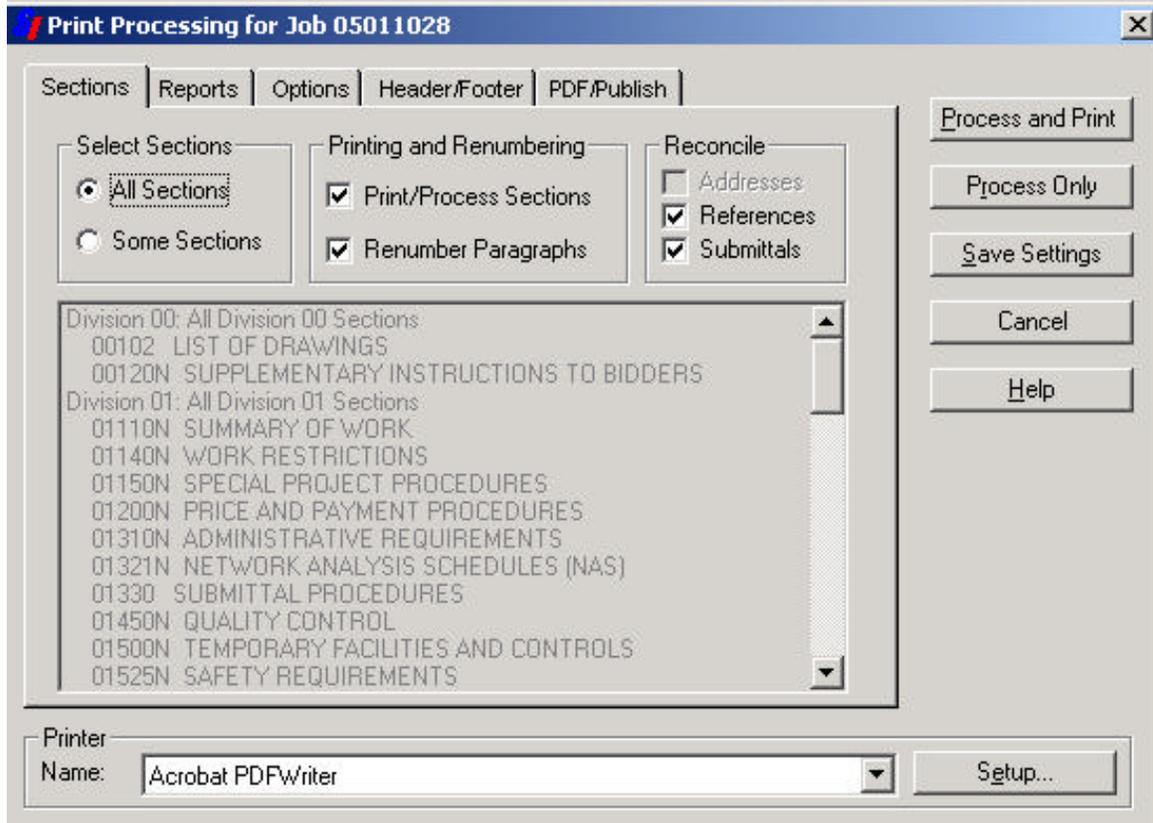


- This is the typical “Reports” screen.
- Select the indicated reports.
- Select the Project Table of Contents.
  - Do not select “List any unused divisions in the project table of contents”.



- 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.

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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.

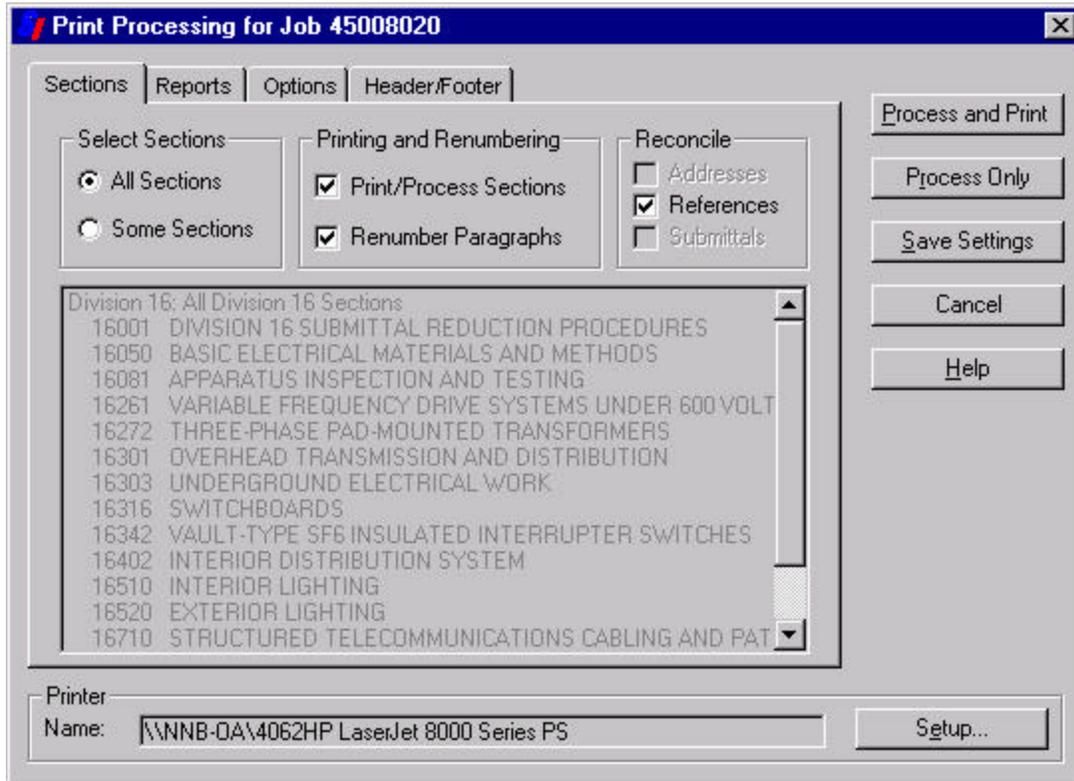
When the Submittal Register is generated, the system searches the Submittal Article within PART 1 of each selected Section, locates all tagged Submittal Descriptions (SDs) listed below the Submittal Article, looks for the Submittal items appearing below the SDs and throughout the Section, and inserts 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.

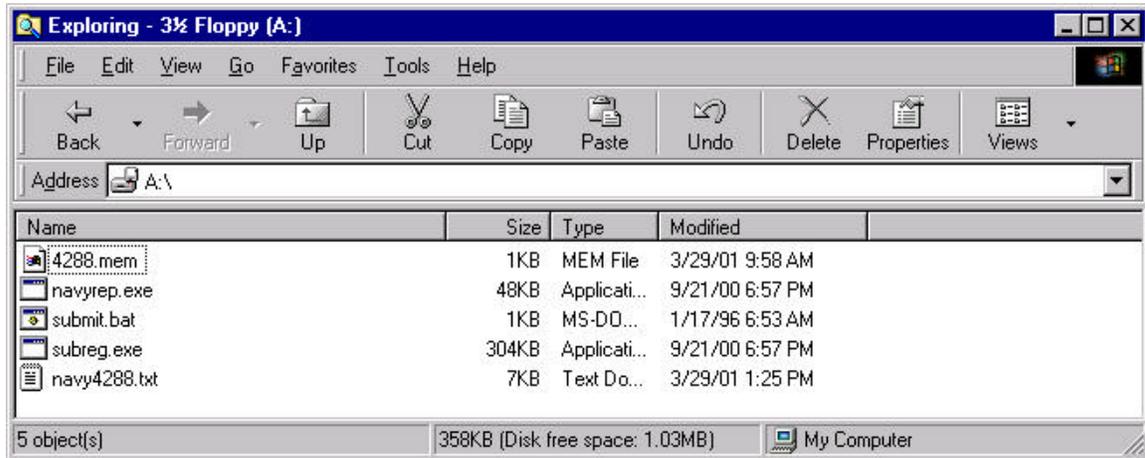
1. Process the Submittal Register as you normally would, with the exception that you don't have to print it. If you have already printed it for the job and if it is correct, you can skip this step since the processed files should be complete.
  - a. Click on the job folder in SpecsIntact
  - b. Click 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.

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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.



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## **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.

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?
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 LANTDIV for obtaining borrow material if using "select material" on the Naval Station, Norfolk.
- Include special paragraphs from LANTDIV for disposal of fill/backfill material to be used as cover material for the sanitary landfill at Oceana.
- Turf paragraph is for incidental seeding. Edit Sections 02921 TURF and 02935 LANDSCAPE MAINTENANCE for most jobs.
- 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.  
LANTDIV 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. Use the LANTDIV version of the guide spec.

02761 Pavement Markings

Fed. Spec. TT-P-1952 Paint should be specified for all jobs. Use a LANTDIV sample specification which specifies a modified Fed. Spec. TT-P-1952 paint for large airfield pavement marking 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 required on all steel framed buildings and elsewhere as determined to be necessary.
- 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

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- 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  
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.

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, Underunning (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

(Rev. 08/03)

- 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 LANTDIV Electrical Engineering Branch to determine if "Radio Control Switch" is required or use only on station where radio controls system is active.

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 LANTDIV 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 LANTDIV or by A/E, except where reserved for LANTDIV 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 LANTDIV 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 LANTDIV 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 – Etyhylene Propylenediene 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

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
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

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
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

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
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

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
	Maintenance		
02935	Landscape	06	Topsoil composition
	Maintenance		tests
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	06	Pozzolan test
	Prestressed Structural		
	Concrete		
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	07	Accessories
	Girders]		
07220	Roof & Deck	07	Installer Qualifications
	Insulation		
07512	Built-up Asphalt	08	Asphalt
	Roofing (Aggregate		
	Surfaced)		
07512	Built-up Asphalt	08	Felts including flashing
	Roofing (Smooth		felts
	Surfaced)		
07512	Built-up Asphalt	08	Primer
	Roofing (Smooth		
	Surfaced)		
07512	Built-up Asphalt	08	Asphalt roof cement
	Roofing (Smooth		
	Surfaced)		

## SUBMITTAL DELETIONS

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
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

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
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

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
13283	Lead Removal/Control and Disposal of Paint with Lead	03	Respirators
13283	Lead 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

<b><u>Spec Section No.</u></b>	<b><u>Specification Section</u></b>	<b><u>SD Number</u></b>	<b><u>Material or Product</u></b>
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
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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](mailto:cgs@efdlant.navfac.navy.mil)

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**LANTNAVFACENGCOM**  
**INTERIM SPECIFICATION REVISIONS (ISR)**

February 2004 Edition

Based on October 2003 CCB and January 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.

LANTDIV  
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:**

<code>&lt;SRF&gt;01300&lt;/SRF&gt;</code>	<b>Section Reference Tag</b>
<code>&lt;REF&gt;ASTM A 1310&lt;/REF&gt;</code>	<b>Reference Tag (In Reference</b>
<b>Section)</b>	
<code>&lt;SUB&gt;Drawings&lt;/SUB&gt;</code>	<b>Submittal Tag</b>
<code>&lt;RID&gt;ASTM A 1310&lt;/RID&gt;</code>	<b>Reference Tag (In Body of Text)</b>

\*\*\*\*\*  
\*\*\*\*\*

**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 LantDiv website.**

<http://www.lantdiv.navfac.navy.mil/>

Choose “Capital Improvements” under the “Business Lines” drop down menu at the top of the page.

Click on the Engineering and Design link.

Choose the Spec Support tab.

LANTDIV  
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" (05/02)

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 1.6.6 QC Organization Responsibilities: In subparagraph (f) (2), change “...allocated spaces, and is \_\_\_\_\_ approved for use.” To read “...allocated spaces, and is approved for use.”

3. Paragraph 1.9.1.2 Submittals Reserved for LANTNAVFACENGCOM Approval: In item d, add an “N” after each specification section number. At the end of this paragraph, add a space before the next paragraph title.

4. Paragraph 1.10 Submittal Classification. Prior to this paragraph, add the following Note:

\*\*\*\*\*  
**NOTE: Paragraphs 1.10 through 1.22 are for Army projects only. Do not include these paragraphs on Navy projects.**  
\*\*\*\*\*

5. SEE SECTION 6, "SUBMITTAL DELETIONS" IN THIS SPEC PREP MANUAL FOR A LIST OF SUBMITTAL ITEMS, WHICH SHALL BE DELETED.

**SECTION 01450:** "Quality Control" (09/03)

1. Paragraph 1.6.2.1.f Requirements: The last two sentences in item (f) should be bracketed .
2. Paragraph 1.13.2 Construction Materials Testing Laboratory Requirements. After this paragraph, add the following paragraph:

“[1.13.3 Construction Materials Testing Laboratory Requirements

\*\*\*\*\*  
**NOTE: Use this paragraph for LANTNAVFACENGCOM project in Puerto Rico in lieu of the previous paragraph.**  
\*\*\*\*\*”

Provide an independent testing laboratory qualified to perform to perform sampling and tests required by this Contract. When the proposed testing laboratory is not accredited by an acceptable “Qualified National Authority” listed in the paragraph entitled “Qualified National Authority,” submit to the Contracting Officer for approval, a certified statement, signed by an official of the testing laboratory attesting that the proposed laboratory, meets or conforms to the following requirements:

- a. Laboratories engaged in testing of construction materials shall meet the requirements of ASTM E 329. However, if Laboratory Evaluation has not been performed, so state and request a deviation submitting evidence of the laboratories quality control program, individual technicians resumes and tests that they perform, laboratory history, and certifying that the remainder of ASTM C 1077 requirements have been met and request an inspection by the Contracting Officer.
- b. Laboratories engaged in testing of concrete and concrete aggregates shall meet the requirements of ASTM C 1077.
- c. Laboratories engaged in testing of bituminous paving materials shall meet the requirements of ASTM D 3666. However, if technicians do not have NICET certification, submit resumes of all laboratory personnel engaged in testing demonstrating their experience and request a deviation.
- d. Laboratories engaged in testing of soil and rock, as used in engineering design and construction, shall meet the requirements of ASTM D 3740. However, if competence has been established by inspection, so state and request a deviation submitting evidence of the laboratories quality control program, individual technicians resumes and test that they perform, laboratory history, and certifying that the remainder of ASTM D 3740 requirements have been met and request an inspection by the Contracting Officer.

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- e. Laboratories engaged in inspection and testing of steel, stainless steel, and related alloys will be evaluated according to ASTM A 880.
- f. Laboratories engaged in nondestructive testing (NDT) shall meet the requirements of ASTM E 543.
- g. Laboratories engaged in Hazardous Materials Testing shall meet the requirements of OSHA and EPA.

1.13.3.1 Inspection of Testing Laboratories

\*\*\*\*\*  
**NOTE: Use this paragraph for LANTNAVFACENGCOM project in Puerto Rico.**  
 \*\*\*\*\*”

Prior to approval of non-accredited laboratories, the proposed testing laboratory facilities and records may be subject to inspection by the Contracting Officer. Records subject to inspection to include equipment inventory, equipment calibration dates and procedures, library of test procedures, audit and inspection reports by agencies conducting laboratory evaluations and certifications, testing and management personnel qualifications, test report forms, and the internal QC procedures.]”

**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,

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

4. Paragraph 3.2 Temporary Wiring: Delete “Article 305 – 6(b),”.

5. 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.

**SECTION 01525:** “Safety Requirements” (10/03)

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 LANTNAVFACENGCOM, 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:

a. 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

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which has been so designated. Used oil not containing any hazardous waste as defined above falls under this definition.”

- b. Delete existing paragraph 1.2.11 Hazardous Materials
- 2. Paragraph 1.6.7 Erosion and Sediment Control Inspection Reports: Delete the criteria note in its entirety, and delete brackets around paragraph.
- 3. 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.]”

LANTDIV  
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 02300:** “Earthwork” (08/03)

1. Do not use this section for LANTDIV jobs. Use Atlantic Division Regional Specification UFGS-L-02315N, “Excavation and Fill” (06/02) instead. For large, complicated earthwork projects contact the Civil Specification Section for direction on which specification to use.

**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

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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 LANTDIV projects. Use Atlantic Division Regional Specification UFGS-L-02456N, “Prestressed Concrete Piles” (09/99) instead.
2. Attach preprinted form “Pile Driving Log” to the end of this section. (Form is available on the Spec Support page on the LANTDIV 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 LANTDIV 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 LANTDIV 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 LANTDIV 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. 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.]

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4. 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.

5. 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” (07/03)

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 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:**

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**“ 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 LANTDIV 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 LANTDIV projects located in Virginia, North Carolina, West Virginia, Maryland or Puerto Rico. Use Atlantic Division Regional Specification UFGS-L-02741N, “Bituminous Concrete Pavement” instead.

**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)

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**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.

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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 (2003; Rev. B) 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)

(Rev. 02/04)

### 1. 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 (2003; Rev. B) 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.**

\*\*\*\*\*

[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 <SUB>test reports</SUB> 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 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.**  
\*\*\*\*\*

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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.”

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DIVISION 05

There are no revisions in Division 05 at this time.

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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.”

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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: Perform 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 07410:** “Metal Roof and Wall Panels”: (9/99)

1. Modify Paragraph 2.15 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.**  
\*\*\*\*\*

Provide fasteners...in the fourth line change “self-tapping” to read “[self-drilling]”. Delete the third sentence and change to read as follow: “Fasteners shall be [[300 Series] [Stainless steel, cadmium plated steel, or zinc cast-head for steel]] [Series 305 stainless steel for aluminum] [\_\_\_\_\_] panels.”

**SECTION 07550:** "Modified Bituminous Membrane Roofing": (09/99)

Use the 02/02 version on the LANTDIV 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”

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2. Paragraph 3.1.15 Gravel Stops and Fascias

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. 02/04)

#### 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.

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DIVISION 08

**SECTION 08110:** “Steel Doors and Frames” (05/01)

1. 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 08110, “Steel Doors and Frames” dated 05/01 (ATFP) located on the specification Homepage @ website;  
[http://www.efdlant.navfac.navy.mil/lantops\\_04/specifications/home406.htm](http://www.efdlant.navfac.navy.mil/lantops_04/specifications/home406.htm).

Then choose “Antiterrorism Force Protection”; choose “08110”.

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

1. Paragraph 1.1 References: Delete reference “AAMA 603.8 and 605.2 in their entirety.

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.

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4. 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-08120, "Aluminum Doors and Frames" dated 09/99 (ATFP) located on the Specification Homepage @website; [http://www.efdlant.navfac.navy.mil/lantops\\_04/specifications/home406.htm](http://www.efdlant.navfac.navy.mil/lantops_04/specifications/home406.htm); then choose "Antiterrorism Force Protection"; then "08120"

**SECTION 08331:** "Rolling Service and Fire Doors" (08/01)

1. Paragraph 2.2.1 Curtains

Add the following criteria note:

\*\*\*\*\*  
**NOTE: Designers should request technical assistance from the door manufacturer for large doors that will be exposed to windloads of 0.96 or more kilopascal 20 or more pounds per square foot. Door systems are required to be operational during these high wind conditions.**  
\*\*\*\*\*

2. 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-08331, "Rolling Service [and Fire] Doors", dated 08/01 (ATFP) located on the specifications [homepage@website](http://www.lantdiv.navfac.navy.mil); <http://www.lantdiv.navfac.navy.mil>;

Then choose "Business Lines" pulldown; select "Capital Improvements"; select the "Engineering/Design" tab; select the "Spec Support" tab; and then under ATFP Specification Information open/download "08331N"

**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-ban 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

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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-ban 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” (08/01)

1. 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 08/01 (ATFP) located on the specifications [homepage@website](http://www.lantdiv.navy.mil/); <http://www.lantdiv.navy.mil/>;

Then choose “Business Lines” pulldown; select “Capital Improvements”; select the “Engineering/Design” tab; select the “Spec Support” tab; and then under ATFP Specification Information open/download “08520”

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

1. Paragraph 1.1 References:

Add the following new reference:

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

“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

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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:

“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.]”

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**SECTION 08800:** "Glazing" (10/03)

1. 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-08800, "Glazing", dated 02/03 (ATFP) located on the specifications [homepage@website](mailto:homepage@website); <http://www.lantdiv.navfac.navy.mil/>;

Then choose "Business Lines" pulldown; select "Capital Improvements"; select the "Engineering/Design" tab; select the "Spec Support" tab; and then under ATFP Specification Information open/download "08800"

**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.

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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 “thic kness for medical,” to read “thickness for high abuse/impact prone environments, medical,”

**SECTION 09310:** “Ceramic Tile, Quarry Tile, and Paver Tile” (08/02)

1. Paragraph 3.8 Expansion Joints: Delete “07900 Joint Sealing” and replace with “07920N, Joint Sealants”

**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]”.

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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

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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 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” (11/03)**

#### 1. Paragraph 2.1.1.1-2.1.1.3+ Physical Characteristics:

1. 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

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- 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”

**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.”

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**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 the other 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 an 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.”

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**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:**

**1. Design kitchen systems for energy efficiency in compliance with FEMP/Energy Star requirements specified at [www.eren.doe.gov/femp/procurement](http://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](http://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](http://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](http://www.eren.doe.gov/femp/procurement). Indicate the design parameters on the drawings.**

\*\*\*\*\*"

5. Paragraph 2.1.17 Dishwashers

Following this paragraph title, add:

\*\*\*\*\*"

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

\*\*\*\*\*"

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**SECTION 13110N:** "Cathodic Protection by Galvanic Anodes" (9/00)

1. 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)

1. 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)

1. 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)

1. 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)

1. 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.

**SECTION 13702N:** "Basic Intrusion Detection Systems (IDS)" (09/99)

The interim specification revisions for Section 13702N have been incorporated. This updated version dated (02/04) is available from the LANTDIV Home Page and shall be used on current LANTDIV projects. The final specification should be available on the April 2004 CCB.

**SECTION 13703N:** "Commercial Intrusion Detection Systems (IDS)" (09/99)

The interim specification revisions for Section 13703N have been incorporated. This updated version dated (02/04) is available from the LANTDIV Home Page and shall be used on current LANTDIV projects. The final specification should be available on the April 2004 CCB.

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**SECTION 14210:** "Electric Traction Elevators" (03/01)

1. In the third criteria note after the section title, change the web address to locate the NAVFAC "Elevator Design Guide." Delete the Web address in the sixth line and substitute in its place the following web address; "<http://www.lantdiv.navy.mil>," then choose the "Organization" pull-down menu, select "EICO", pick "Publications", pick "Interim Technical Guidance", and open "ITG FY01-01: "Elevator Design Guide".

**SECTION 14240:** "Hydraulic Elevators" (09/02)

1. Follow the NAVFAC "Elevator Design Guide" throughout the design of the elevators. Guide is located at: "<http://www.lantdiv.navy.mil>," then choose the "Organization" pull-down menu, select "EICO", pick "Publications", pick "Interim Technical Guidance", and open "ITG FY01-01: "Elevator Design Guide".

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 2.7.5 Wiring and Traveling Cables

In the first sentence delete the reference to "Article 620"

4. Paragraph 3.2.2.3 Speed Tests

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

5. Paragraph 3.2.2.4 Leveling Tests

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

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**GENERAL**

1. Typists must comply with the following note:

\*\*\*\*\*  
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**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:**

<b>&lt;SRF&gt;01330&lt;/SRF&gt;</b>	<b>Section Reference Tag</b>
<b>&lt;RID&gt;ASTM 1310&lt;/RID&gt;</b>	<b>Reference Identifier</b>
<b>&lt;SUB&gt;Drawings&lt;/SUB&gt;</b>	<b>Submittal Tag</b>

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

Do NOT use this specification section on LANTDIV projects. Use LANTDIV Specification UFGS-L-15080N, “Mechanical Insulation” (08/03) from the LANTDIV 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 LANTDIV projects. Instead, use the LANTDIV regional specification section UFGS-L-15400N, “Plumbing Systems” (2/03) from the LANTDIV Home Page or the October 2003 CCB.

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

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

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

Do not use this version of the specification section on LANTDIV projects. Instead, use the advance copy of the new LANTDIV regional specification section UFGS-L-15700N, “Heating,

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Ventilating and Cooling System” (1/04) from the LANTDIV 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 LANTDIV projects. Instead, use Section 15741N, "Water Source Heat Pump Systems" (02/03).

**SECTION 15810N:** “Ductwork and Ductwork Accessorie s” (08/03)

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

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

Do not use this section for LANTDIV projects. Instead, use the advance copy of the new LANTDIV Regional Guide Specification UFGS-L-15700N, “Heating, Ventilating and Cooling System ” (01/04) from the LANTDIV 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 LANTDIV Home Page.

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

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

**SECTION 16262N:** "Installation of Uninterruptible Power Supply (UPS) System" (9/99)

The interim specification revisions for Section 16262N have been incorporated. This updated version dated (02/04) is available from the LANTDIV Home Page and shall be used on current LANTDIV projects. The final specification should be available on the April 2004 CCB.

**SECTION 16273N:** "Single-Phase Pad-Mounted Transformers" (02/03)

The interim specification revisions for Section 16273N have been incorporated. This updated version dated (02/04) is available from the LANTDIV Home Page and shall be used on current LANTDIV projects. The final specification should be available on the April 2004 CCB.

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

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

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

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

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

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

**SECTION 16770:** "Radio and Public Address Systems" (04/02)

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

**SECTION 16782N:** “[Master] [Community] Antenna Television System” (09/99)

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