

Specs Intact

2007

NASA Facility Engineering
&
Real Property Conference

Presented By:

Patricia Robinson and Cheryl Fitz-Simon

The background features a dark teal top section with a horizontal fountain pen. The pen has a silver barrel with a green and blue gradient on the left side. Below the teal section is a brown section with a subtle, embossed floral pattern. The text is centered in the brown section.

Specs Intact

&

Unified Facilities Guide Specifications



*Progression
of
Major Steps Forward*

Progression of Major Steps Forward

- Coordination and adoption of MOU between DoD and NASA
- Joint Effort to Comply with CSI MF2004
 - Renaming and Renumbering to new 50 Division Format
- Merging NASA and DoD Unified Master Reference List (UMRL)
- Agreement Proposed and Accepted by DoD for Editing of UFGS Database

Progression of Major Steps Forward

- Major realignment between Government Agencies and Construction Industry
 - Cobie
 - BIM
 - Unifomat



*Progression
of
NASA Specifications*

NASA Merging with Unified Facilities Guide Specifications (UFGS)

- 2004 Started Gap Analysis of NASA, NAVFAC, and USACE Specifications
- NASA'S Original Database Consisted of 221 Specifications

NASA Merging with Unified Facilities Guide Specifications (UFGS)

- Original NASA Database Consisted of 221 Specifications
 - 36 Previously Merged
 - 60 Deleted (Redundant with UFGS)
- Current Database Consists of 125 Specifications
 - 12 NASA Unique Specifications
 - 8 Submitted for Review and Merger
 - 62 In Review with SGS-DE or UFGS Discipline Working Group (DWG)



*Unified Facilities Guide
Specifications (UFGS)*

Unified Facilities Guide Specifications (UFGS)

- **836 Specifications Contained in UFGS**
 - **334 Specifications Preparing Activity is NAVFAC**
 - **377 Specifications Preparing Activity is USACE**
 - **125 Specifications Preparing Activity is NASA**

Unified Facilities Guide Specifications

- **UFGS Follows CSI MasterFormat™ 2004**
 - Supports Divisions 00-49
 - UFGS unified for use by all participating agencies have a level 3 or level 4 MasterFormat™ number
 - UFGS that are agency-specific have a fifth level number indicating it as an agency specific
 - ❖ A specification that has a fifth level number
 - "10" indicates USACE
 - "20" indicates NAVFAC
 - "30" indicates AFCESA
 - "40" indicates NASA

Unified Facilities Guide Specifications

- **Unified Master Reference List (UMRL)**
 - Document lists publications referenced in the Unified Facilities Guide Specifications
 - Establishes requirements for the work
 - The UMRL is maintained up-to-date on a continuing basis
 - A tool used in SpecsIntact for automatic reference updating
 - Guide Specification Section 01 42 00 **SOURCES FOR REFERENCE PUBLICATIONS** include all organizations listed in the UMRL



*Unified Facilities Guide
Specifications (UFGS)
Sustainability*



UFGS Sustainability

- Leadership in Energy and Environmental Design (LEED™) documents represent the U.S. Green Building Council's efforts to develop a standard.
 - Improves environmental and economic performance of commercial buildings and equipment
 - Uses established and/or advanced industry principles, practices, materials and standards

UFGS Sustainability

- **SECTION 01 33 29 LEED™
DOCUMENTATION (07/06)**
 - **Covers the requirements for providing documentation and obtaining certain credits to acquire LEED™ certification**
 - **Projects are not registered with USGBC for validation of credits earned**
 - **Validation of credits earned will be accomplished by the Government**

UFGS Sustainability

- **SECTION 01 62 35 RECYCLED / RECOVERED MATERIALS (07/06)**
 - Covers the requirements for use of products containing recycled or recovered materials
 - Implementation of Resource Conservation and Recovery Act RCRA
 - Promotes the use of products containing recycled materials
 - Cost effective manner, items containing the highest percentage of recycled and recovered materials

UFGS Sustainability

- **US Green Building Council (USGBC)**
Collaborating Organizations referenced within the UFGS
 - **Carpet and Rug Institute (CRI)**
 - **Master Painters Institute (MPI)**
 - **National Association of Corrosion Engineers (NACE)**
 - **The Society For Protective Coating (SSPC)**

UFGS Sustainability

- **SECTION 09 68 00 CARPET (01/07)**
 - **Green Council**
 - Carpet and Rug Institute's (CRI) Green Label Indoor Air Quality program
 - Volatile organic compounds (VOCs) are organic chemical compounds that have high enough vapor pressures under normal conditions to significantly vaporize and enter the atmosphere



LEED™ *Projects*

**USACE
NAVFAC
NASA**

DISTRIBUTION of FY07 ARMY MILCON & BRAC SPIRiT & LEED RATINGS

MSC	Number of FY07	SSD Not Applicable	P2 Field Blank	PENDING	BRONZE or LESS & LESS THAN CERTIFIED	SPIRiT			LEED-NC®				Percent of Projects Meet'g or Exceed'g Goals	
						SILVER	GOLD	PLATINUM	CERTIFIED	SILVER	GOLD	PLATINUM		
AED	28	28												-
GRD	15	15												-
HNC														-
LRD	40	1		20	1		16			2				46%
NAD	32	3	1	7			19			1	1			72%
NAY	6			6										0%
NWD	26	2	1	1			7			15				92%
POD	16	5					11							100%
SAD	30	7		3		1	13		1	4	1			78%
SPD	5	2				1	2							67%
SVD	33	12		1			7			13				95%
TAC	8	8												-
CE	239	83	2	38	1	2	75	0	1	35	2	0		72%

DISTRIBUTION of FY07 AIR FORCE MILCON & BRAC LEED RATINGS

MSC	Number of FY07 Projects	SSD Not Applicable	P2 Field Blank	PENDING	BRONZE or LESS & LESS THAN CERTIFIED	SPiRiT RATING			LEED-NC®				Percent of Projects Meet'g or Exceed'g Goals	
						SILVER	GOLD	PLATINUM	CERTIFIED	SILVER	GOLD	PLATINUM		
AED														-
GRD														-
HNC														-
LRD	19	3	1	12	1				2					13%
NAD	12			8			2		2					17%
NVD	8	2							3	3				100%
POD	12	4				1	1		6					75%
SAD	29	26	1	2										0%
SPD	12	6		2	1				3					50%
SVD	21	9							12					100%
TAC	2	2												-
CE	115	52	2	24	2	1	3	0	28	3	0	0		54.0%

NAVFAC LEED Self-Certified Buildings

- **NAVFAC Northwest**
 - Waterfront Shops at IMF (FY03 P174), NBK Bangor, WA – Certified Level
 - HAZMAT Warehouse (FY05 P049), NAS Whidbey Island, WA – Certified Level
 - Design calcs/manufacture data - 20% water savings and 20-25% energy savings
 - CVN Maintenance Complex (FY05 P346), PSNS, WA – Certified Level
 - BEQ (FY06 P-155), NAVSTA Everett, WA – Certified Level

NAVFAC LEED Self-Certified Buildings

- **NAVFAC Southwest**
 - AIRCRAFT FIRE RESCUE STATION (FY04 P-095), MCB Camp Pendleton, CA - Certified Level
 - BOQ (FY04 P-198), Naval Postgraduate School, CA – Silver Level
 - Educational Facility Repl. Phase 2 (FY04 P-203), Naval Postgraduate School, CA – Certified Level
 - Renovate Aircraft Maintenance Hanger (FY04 P-217), NAS Lemoore, CA - Certified Level
 - Taxiway/Control Tower (FY04 P-748), NAS North Island San Diego, CA - Certified Level

NAVFAC LEED Self-Certified Buildings

- **NAVFAC Southwest (Continued)**
 - **Squadron Operations Facility (FY04 P-751), NAS North Island San Diego, CA – Certified Level**
 - **Warfare Assessment Lab Addition, (FY05 P-008), NSWC Corona, CA - Certified Level**
 - **BEQ (FY05 P-014), MCB Camp Pendleton, CA – Silver Level**
 - **Consolidated OPS Center (FY05 P-032), MCB Camp Pendleton, CA – Certified Level**
 - **BEQ (FY05 P-440), MCAS Yuma, AZ - Certified Level**

NAVFAC LEED Self-Certified Buildings

- **NAVFAC Southwest (Continued)**
 - **Operational Training Center (FY05 P-614), 29 Palms, CA – Certified Level**
 - **Reclamation/Conveyance Facility, Phase 1 (FY06 P-110), MCB Camp Pendleton, CA – Certified Level**
 - **Advanced Sensors Integration Facility, (FY06 P-121), NAWS China Lake, CA - Certified Level**

NAVFAC LEED Self-Certified Buildings

- **NAVFAC Midlant**
 - **Mission Support Facility (FY04 P-251), NTC Dam neck, VA – Certified Level**
- **NAVFAC Washington**
 - **Defense Intelligence Center Addition Bolling AFB, Washington, DC – Certified Level**
 - **Presidential Helicopter Programs Support Facility (FY06 P-159A), NSWC Patuxent River, Patuxent River, MD – Certified Level**
 - **Presidential Aircraft Maintenance Hangar (FY06 P-448A), MCB Quantico, Quantico, VA – Certified Level**

NAVFAC LEED Self-Certified Buildings

- NAVFAC Washington
 - Wesley Brown Field House (FY06 P-334), USNA, Annapolis, MD – Certified Level
- NAVFAC Midwest/NAVFAC Southeast
 - RTC Barracks (FY01), Naval Training Center, Great Lakes, IL – Silver Level
 - RTC Barracks (FY02), Naval Training Center, Great Lakes, IL – Silver Level
 - RTC Barracks (FY04 P-736), Naval Training Center, Great Lakes, IL – Certified Level

NAVFAC LEED Self-Certified Buildings

- NAVFAC Washington
 - Wesley Brown Field House (FY06 P-334), USNA, Annapolis, MD – Certified Level
- NAVFAC Midwest/NAVFAC Southeast
 - RTC Barracks (FY01), Naval Training Center, Great Lakes, IL – Silver Level
 - RTC Barracks (FY02), Naval Training Center, Great Lakes, IL – Silver Level
 - RTC Barracks (FY04 P-736), Naval Training Center, Great Lakes, IL – Certified Level

NAVFAC LEED Self-Certified Buildings

- **NAVFAC Midwest/NAVFAC Southeast**
 - **RTC Barracks (FY04 P-737), Naval Training Center, Great Lakes, IL – Certified Level**
 - **RTC Barracks (FY04 P-738), Naval Training Center, Great Lakes, IL – Certified Level**
 - **RTC Barracks (FY04 P-739), Naval Training Center, Great Lakes, IL – Certified Level**
 - **RTC Barracks (FY06 P-740), Naval Training Center, Great Lakes, IL – Certified Level**
 - **RTC Barracks (FY06 P-741), Naval Training Center, Great Lakes, IL – Certified Level**

NAVFAC LEED Self-Certified Buildings

- **NAVFAC EUROPE**
 - **Base Ops Support I (FY04 P-635), NAS Sigonella, Italy – Certified Level**
 - **Consolidated Santo Stefano Facilities Bldg M (FY04 P-995), Naval Support Facility, La Maddalena, Italy – Certified Level**
 - **Consolidated Santo Stefano Facilities Bldg W (FY04 P-995), Naval Support Facility, La Maddalena, Italy – Certified Level**

NAVFAC LEED™ Self-Certified Buildings

- NAVFAC PACIFIC (NAVFAC HAWAII, NAVFAC GUAM, NAVFAC JAPAN)
 - Pacific Warfighting Center (FY06 P-113), CIC PAC, Pearl Harbor, HI – Certified Level

NAVFAC USGBC LEED Certified Buildings

- Bachelor Quarters, Naval Training Center, Great Lakes, IL – LEED version 1 Certified
<http://www.eere.energy.gov/femp/highperformance/overview.cfm?ProjectID=513>
- Building 850, Naval Base Ventura County Public Works Department, Port Hueneme, CA – LEED 2.0/2.1 Gold
<http://www.eere.energy.gov/femp/highperformance/overview.cfm?ProjectID=51>

NAVFAC USGBC LEED™ Certified Buildings

- Bachelor Quarters (FY03 P-301), Naval Base Kitsap-Bremerton, Bremerton, WA – LEED version 2 Certified
<http://www.eere.energy.gov/femp/highperformance/overview.cfm?ProjectID=498>
- Personnel Support Facility (FY03 P-137), Naval Amphibious Base, Norfolk, VA – LEED version 2 Silver -- *Case study for High Performance Federal Buildings Database completed and submitted to FEMP.*

NAVFAC USGBC LEED™ Certified Buildings

- **Airborne Mine Countermeasures Facility (FY04 P-526), Naval Station, Norfolk, VA – LEED version 2 Certified --**

NASA Leed™ Certified Buildings

- **WSTF Health and Fitness Center**
- **JSC Astronaut's Crew Quarters at JSC**

UFGS (Continued)

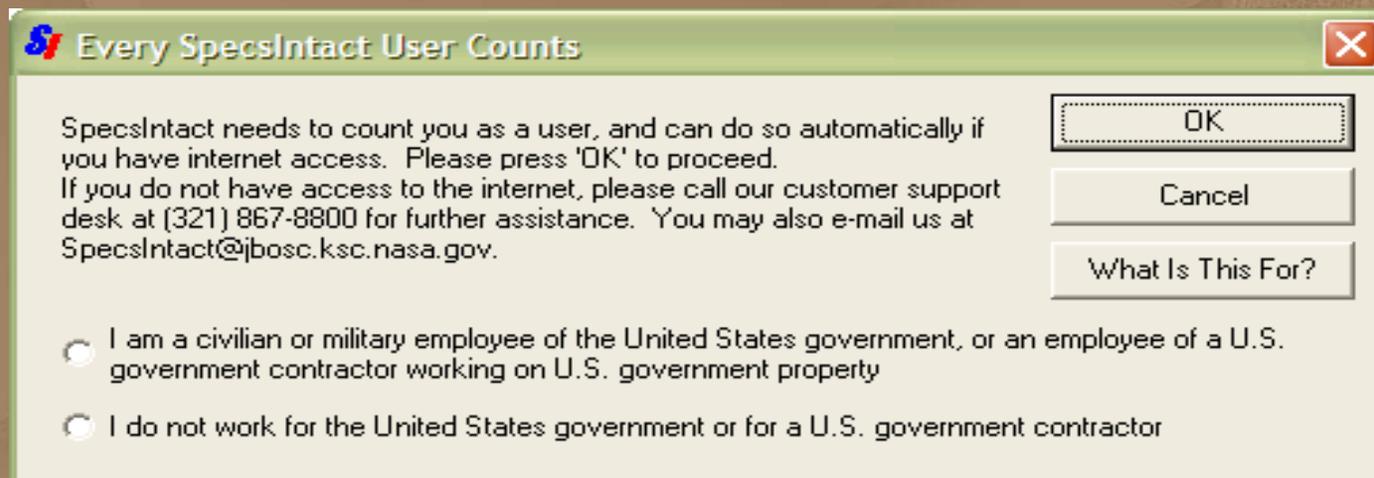
- **Reliability Centered Building and Equipment Acceptance (RCBEA)**
 - **Testing protocols**
 - **Quality Control**
 - **Life Cycle Monitoring (How long a piece of equipment lasts and Cost and maintenance frequency)**



*The Start
of Counting
New Installations*

SpecsIntact User Counts

- Developed to obtain an actual count of SpecsIntact Users
 - Launched the first time with SpecsIntact September 2004 was installed



The image shows a screenshot of a Windows dialog box titled "Every SpecsIntact User Counts". The dialog box has a green title bar with a close button (X) in the top right corner. The main text reads: "SpecsIntact needs to count you as a user, and can do so automatically if you have internet access. Please press 'OK' to proceed. If you do not have access to the internet, please call our customer support desk at (321) 867-8800 for further assistance. You may also e-mail us at SpecsIntact@jbosc.ksc.nasa.gov." Below the text are three buttons: "OK", "Cancel", and "What Is This For?". At the bottom, there are two radio button options: "I am a civilian or military employee of the United States government, or an employee of a U.S. government contractor working on U.S. government property" and "I do not work for the United States government or for a U.S. government contractor".

Every SpecsIntact User Counts

SpecsIntact needs to count you as a user, and can do so automatically if you have internet access. Please press 'OK' to proceed.
If you do not have access to the internet, please call our customer support desk at (321) 867-8800 for further assistance. You may also e-mail us at SpecsIntact@jbosc.ksc.nasa.gov.

I am a civilian or military employee of the United States government, or an employee of a U.S. government contractor working on U.S. government property

I do not work for the United States government or for a U.S. government contractor

OK

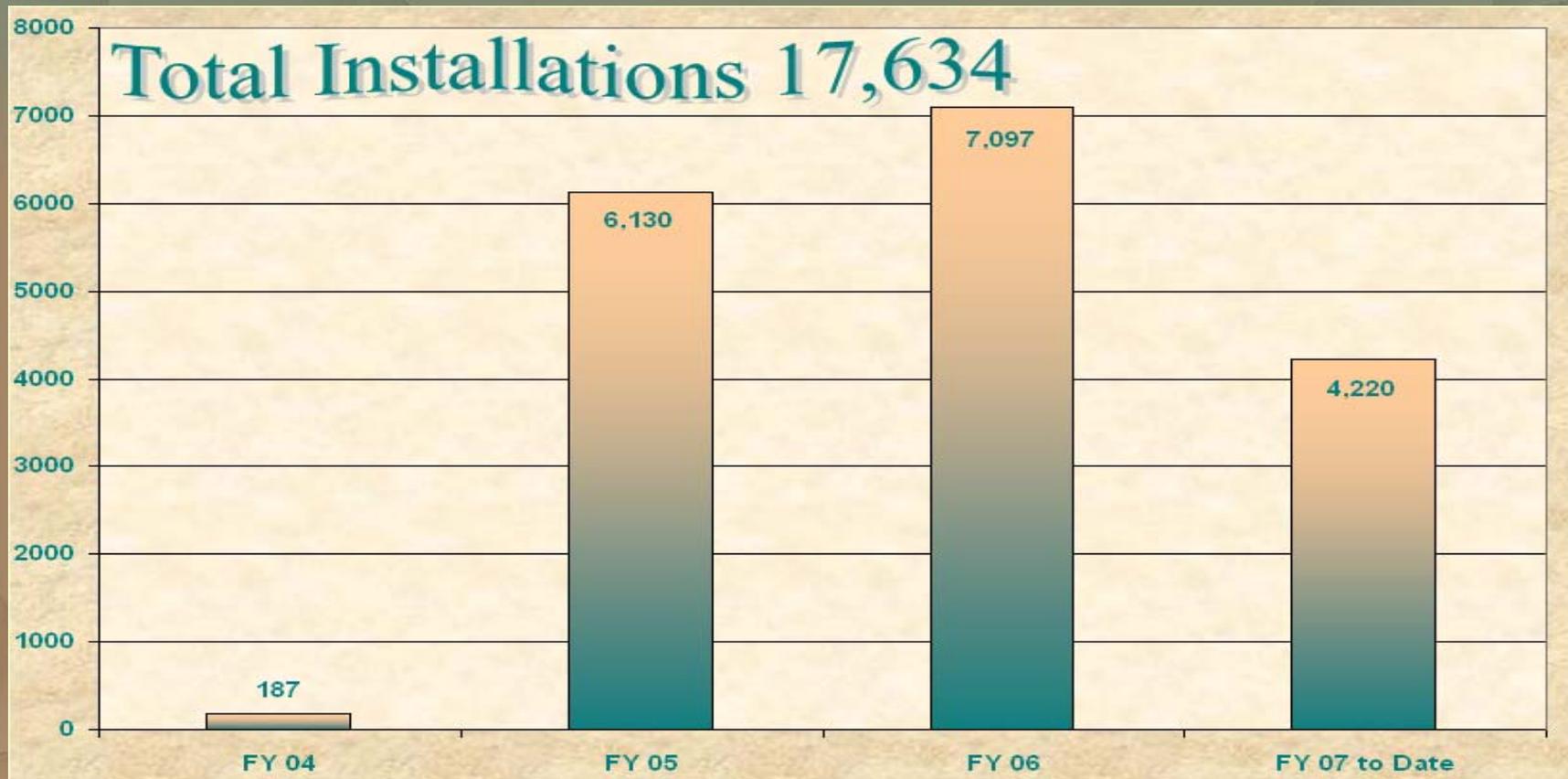
Cancel

What Is This For?

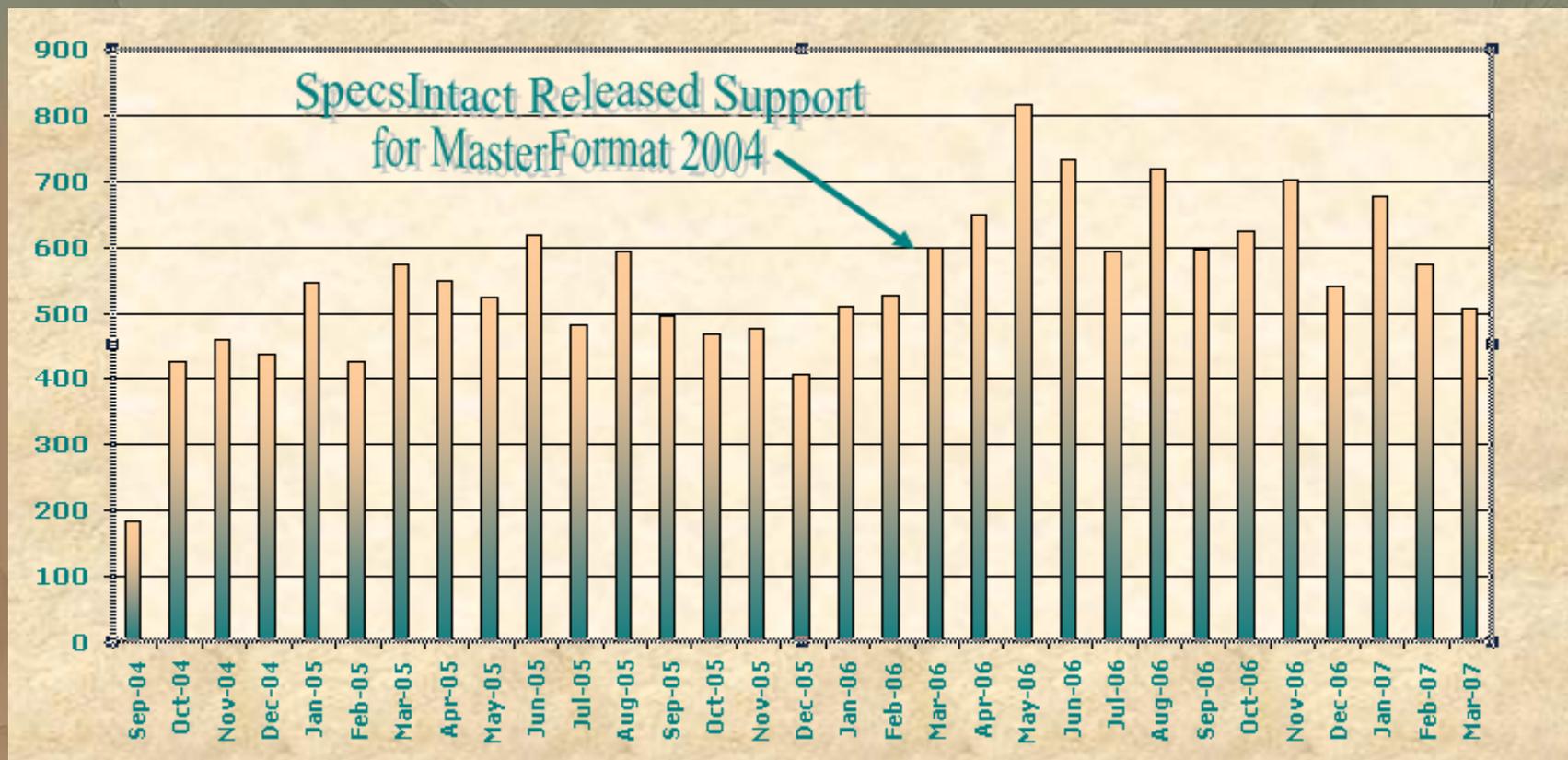
New SpecsIntact Installations Since 2004

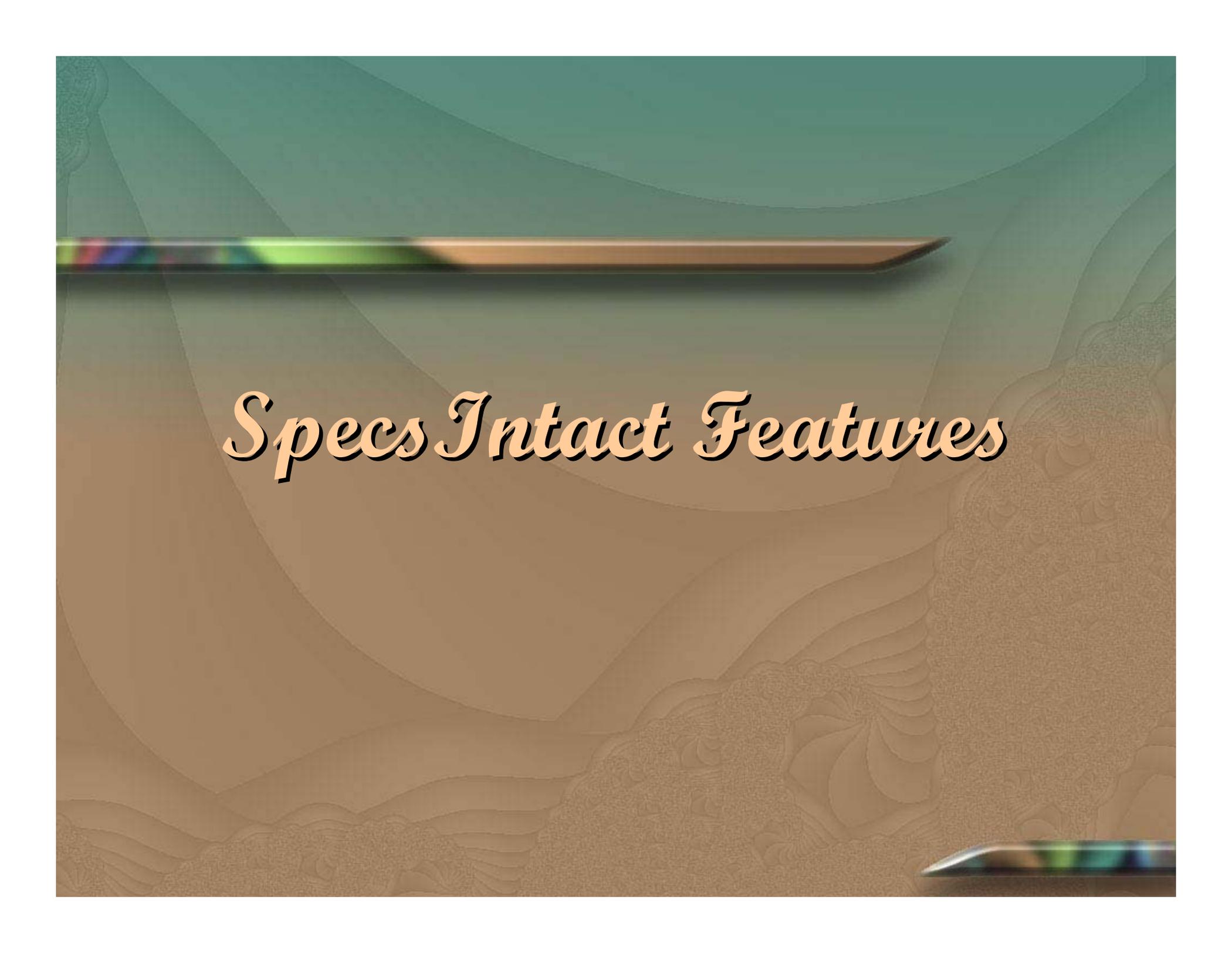
- FY 04 – 187
- FY 05 – 6,130
- FY 06 – 7,097
- FY 07 to Present – 4,220
- Total Installations – 17, 634

New Installations Since FY04



New Installations By Month





Specs Intact Features

Overview

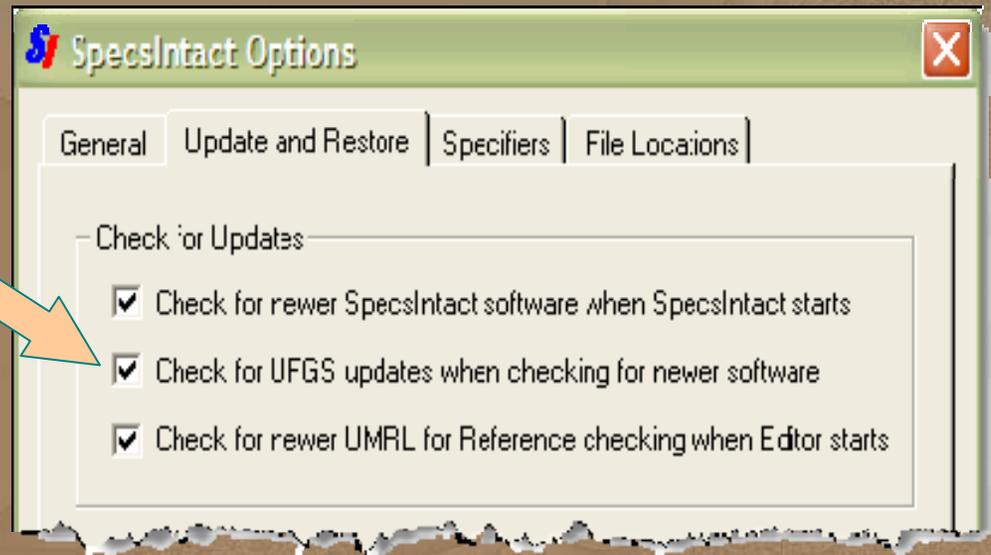
- Automatic Updates
- XML
- MasterFormat 2004
- Drag & Drop
- Global Search & Replace
- Global Settings for Units of Measure, Revisions and CSI MasterFormat Version

Overview

- Publishing to PDF and Microsoft Word
- Help Menu
- Reference Wizard
- Future Enhancements ~ Coming Soon!

Automatic Updates

- SpecsIntact Now Automatically Checks for:
 - Newer Software
 - Newer UFGS Master
 - Unified Master Reference List (UMRL)



Extensive Markup Language (XML)



XML View by Web Browser

Click Here to Close Options

<u>Units of Measure</u> <input checked="" type="radio"/> English Units <input type="radio"/> Metric Units <input type="radio"/> Both Units	<u>Revisions</u> <input checked="" type="radio"/> Hide Redlined Text <input type="radio"/> Display Redlined Text	<u>Notes</u> <input checked="" type="radio"/> Hide Notes <input type="radio"/> Display Notes	<u>Section HyperLinks</u> <input type="radio"/> Use XML Extension <input type="radio"/> Use SEC Extension <input checked="" type="radio"/> Use JavaScript
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Hide

Section Table of Contents

SECTION 00 62 35

RECYCLED / RECOVERED MATERIALS

04/06

PART 1 GENERAL

1.1 REFERENCES

1.2 OBJECTIVES

1.3 EPA DESIGNATED ITEMS INCORPORATED IN THE WORK

1.4 EPA PROPOSED ITEMS INCORPORATED IN THE WORK

1.5 EPA LISTED ITEMS USED IN CONDUCT OF THE WORK BUT NOT INCORPORATED IN THE WORK

SECTION 00 62 35 - Microsoft Internet Explorer provided by JBOSC

File Edit View Favorites Tools Help

Address <http://si.ksc.nasa.gov/sidownloads.aspx/siDisplay.aspx?xml=http://si.ksc.nasa.gov/sidownloads/ufgs/sec/00%2062%2035.sec>

mywebsearch Search Failed to retrieve buttons from MyWebSearch. Retry

Click Here to Close Options

<u>Units of Measure</u> <input checked="" type="radio"/> English Units <input type="radio"/> Metric Units <input type="radio"/> Both Units	<u>Revisions</u> <input checked="" type="radio"/> Hide Redlined Text <input type="radio"/> Display Redlined Text	<u>Notes</u> <input checked="" type="radio"/> Hide Notes <input type="radio"/> Display Notes	<u>Section HyperLinks</u> <input type="radio"/> Use XML Extension <input type="radio"/> Use SEC Extension <input checked="" type="radio"/> Use JavaScript
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Hide

SECTION 00 62 35
RECYCLED / RECOVERED MATERIALS
04/06

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

40 CFR 247 Comprehensive Procurement Guideline for Products Containing Recovered Materials

1.2 OBJECTIVES

Government procurement policy is to acquire, in a cost effective manner, items containing the highest percentage of recycled and recovered materials practicable consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The Environmental Protection Agency (EPA) has designated certain items which must contain a specified percent range of recovered or recycled materials. EPA designated products specified in this contract comply with the stated policy and with the EPA guidelines. The Contractor shall make all reasonable efforts to use recycled and recovered materials in providing the EPA designated products and in otherwise utilizing recycled and recovered materials in the execution of the work.

1.3 EPA DESIGNATED ITEMS INCORPORATED IN THE WORK

Local intranet

XML

- XML is now a mainstream technology
- Industry is rapidly adopting
- AG, IBM, Sun, Microsoft, Netscape, DataChannel, SAP and many others have already announced support for XML
- Will provide more flexibility and benefits
- Providing a Style Sheet allows the display of well formed documents in most browsers

XML

- SpecsIntact became fully XML compliant in v4.2.0.785
- The new software works with both the new XML and older SGML formats simultaneously and transparently
- The new XML format will be incompatible with prior SpecsIntact software versions
- The XML Guide Specifications and software was released and distributed at the same time

CSI MasterFormat™ 2004

- Software
 - Supports MasterFormat 2004
 - Supports both MasterFormat 1995 and MasterFormat 2004
 - File name increased from 6 alpha/numeric characters up to 14 numeric characters
 - 00 00 00.00 00
 - First three levels are mandatory
 - Last two levels are optional
 - Will use the fifth level to indicate the agency
 - Supports the new Division Numbers

CSI MasterFormat™ 2004

- Guide Specifications
 - Were converted and available by the April 2006 release
 - Guide Specifications and software were released and distributed at the same time
 - Will be maintained in MasterFormat 2004 only
 - Will not disassemble the Submittal Procedures Section (currently 01330 – MF 01 33 00)
 - Will not disassemble the Sources for Reference Publications (currently 01420 – MF 01 42 00)

SI Explorer's Drag & Drop

- SI Explorer now provides the capability to drag & drop sections from Windows Explorer to the SI Explorer.

Global Search & Replace

- Provides capability to Search / Replace text for an entire Project or Master.

Enter Search Text

Find:
Contractor

Replace With:
Subcontractor

Ignore Lowercase/Uppercase

Search whole word

Mark Revisions

Find
Replace
Cancel
Help
Backup

Please consider backing up first!

Global Settings

- Allows you to store specific settings with a Job
- Units of Measure Options
 - Controls the SI Editors view options as well as the Process/Print options
- Revisions Option
 - Sets the SI Editor to automatically use and view Revisions
- CSI MasterFormat Version
 - Is defaulted to the MasterFormat Version of the Primary Master

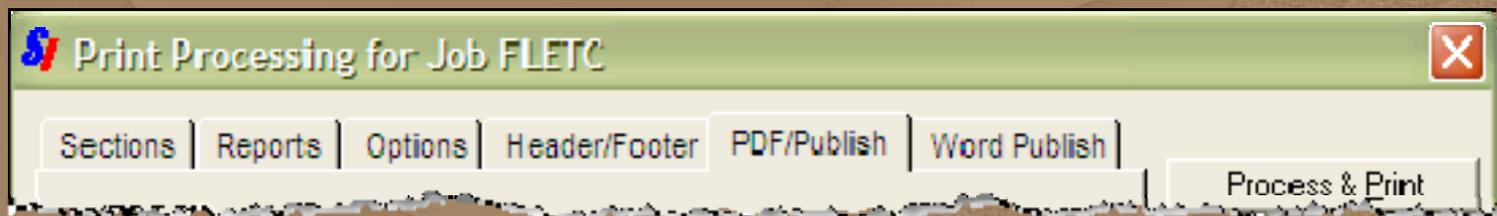
The screenshot shows a dialog box titled "Properties for Job: FLETC" with a close button (X) in the top right corner. The dialog has five tabs: "General", "Schedule", "Specifiers", "Options", and "Comments". The "Options" tab is selected. Under the "Editing Options" section, there are three main groups of settings:

- Units of Measure:** A group box containing three radio buttons: "English" (selected), "Metric", and "Both". Below these is a checked checkbox labeled "Use this setting when printing this Job".
- Use Revisions:** A checked checkbox labeled "Use Revisions".
- CSI MasterFormat Version:** A group box containing two radio buttons: "MasterFormat 1995" and "MasterFormat 2004" (selected).

At the bottom of the dialog, there are four buttons: "Print...", "OK", "Cancel", and "Help".

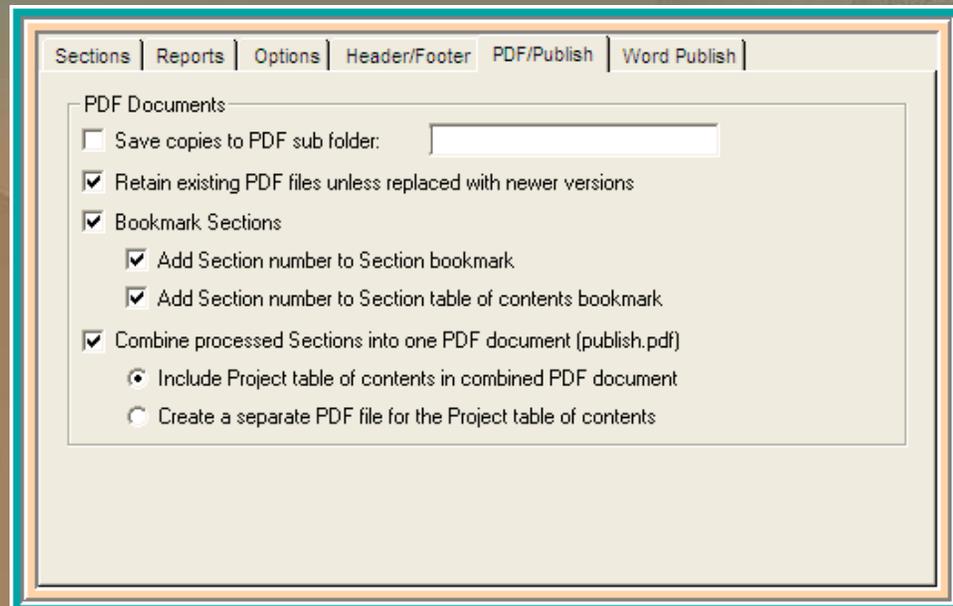
Publishing to PDF and Word

- **Built in Feature to Publish the Guide Specifications to PDF or Word**
 - **Must first select the Project Table of Contents and/or Section Table of Contents**



Publishing to PDF and Word

- Publishing to PDF
 - Features:
 - Bookmark Sections
 - Bookmark Section Table of Contents
 - Ability to Combine Job into one PDF document



The screenshot shows a software interface with a tabbed menu at the top: Sections | Reports | Options | Header/Footer | PDF/Publish | Word Publish. The 'PDF/Publish' tab is active, displaying a 'PDF Documents' section with the following options:

- Save copies to PDF sub folder: [text box]
- Retain existing PDF files unless replaced with newer versions
- Bookmark Sections
 - Add Section number to Section bookmark
 - Add Section number to Section table of contents bookmark
- Combine processed Sections into one PDF document (publish.pdf)
 - Include Project table of contents in combined PDF document
 - Create a separate PDF file for the Project table of contents



SI Editor's
Reference Wizard



Reference Wizard

Select one of the tags to launch the Reference Wizard

You get Everything!

REF RID RTL ORG

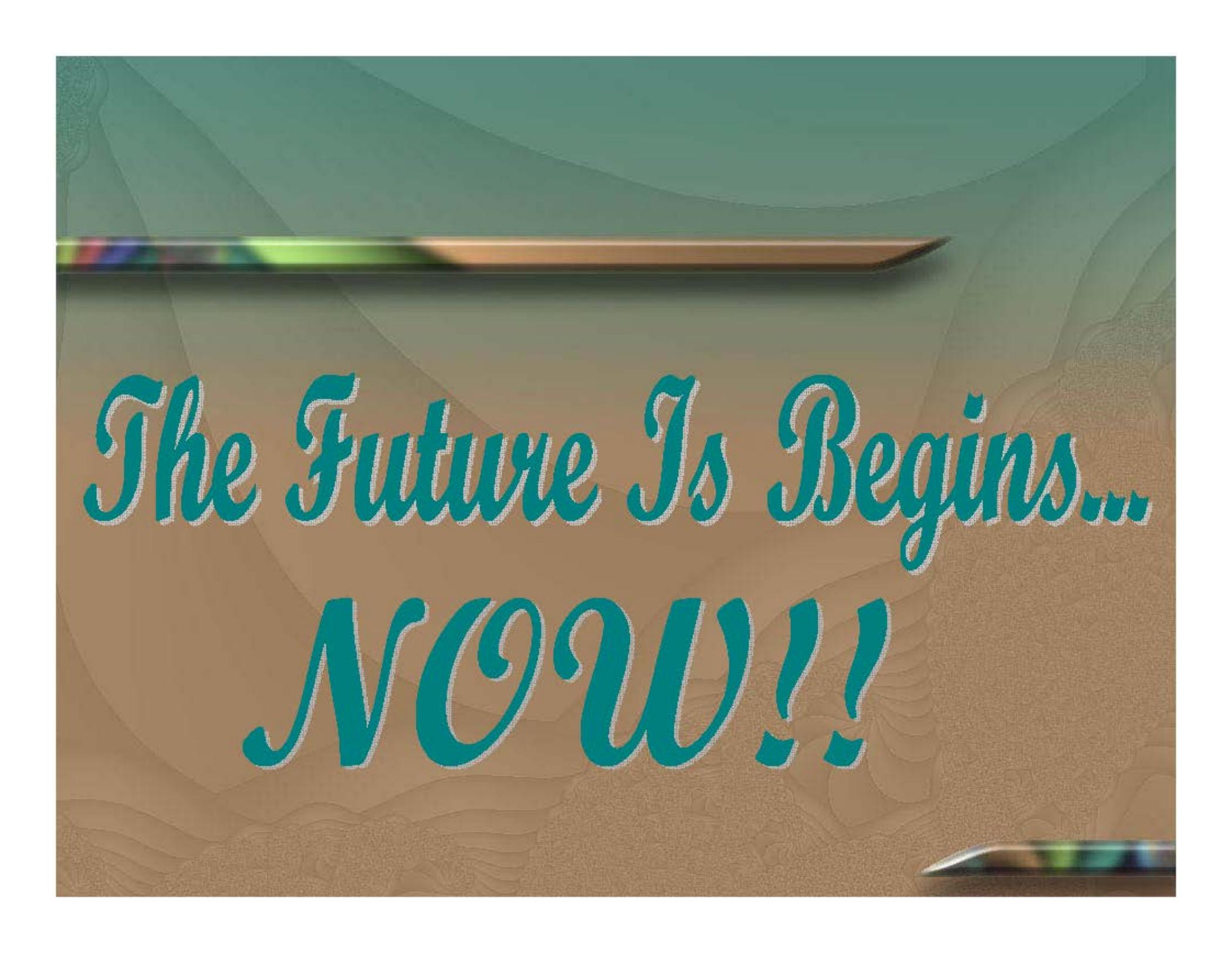
AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE)

ASSE 1009	(1990) Commercial Food Waste Grinder Units
ASSE 1018	(2001) Trap Seal Primer Valves, Water Supply Fed
ASSE 5000	(1998) Professional Qualification Standard for Backflow Prevention Assembly Testers, Repairers and Surveyors

Reference Wizard

HOT



The background is a mix of teal and brown tones with decorative, wavy patterns. A pen is visible at the top and bottom of the frame. The text is written in a teal, cursive font with a white outline.

The Future Is Begins...
NOW!!

Existing SI Tables

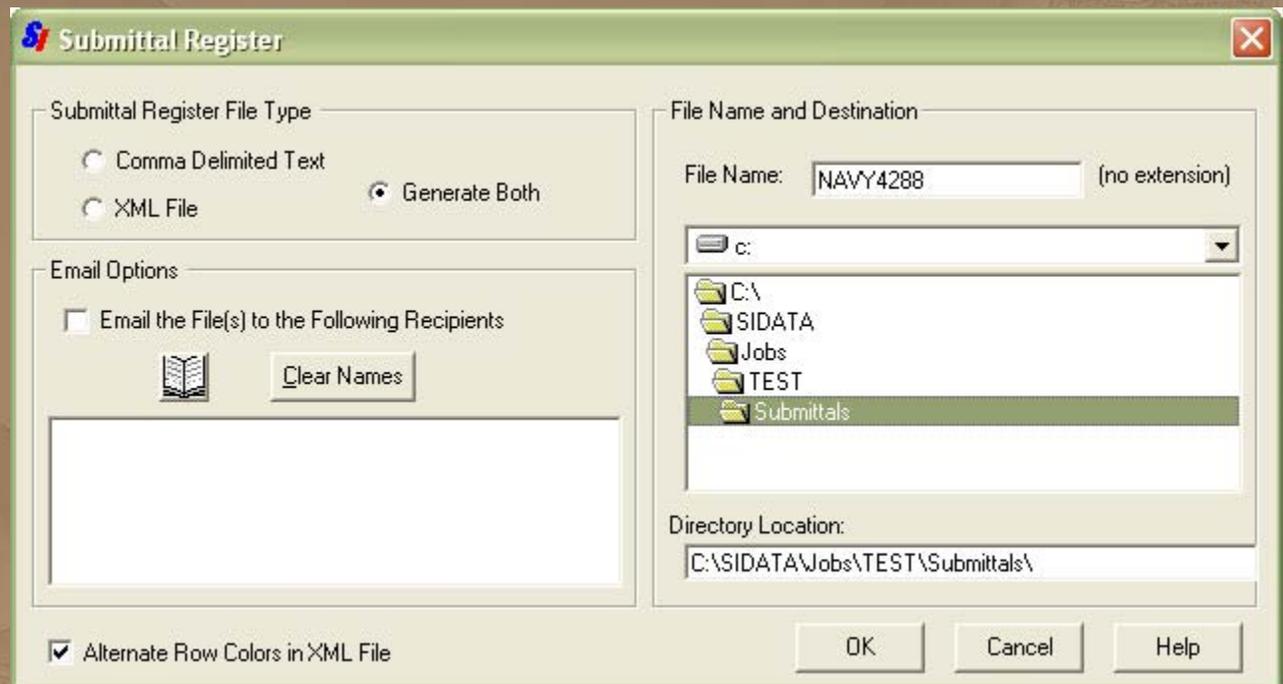
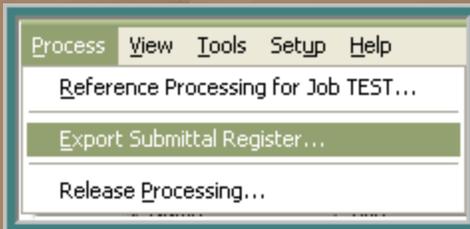
```
<TBL><THD>¶
.....SHERWIN¶
.....<HL1>COATING</HL1>.....<HL1>PITTSBURGH</HL1>.....<HL1>WILLIAMS</HL1>.....<HL1>GLIDDEN</HL1>¶
</THD>¶
.....<SUB>Inhibitive·Metal·Primer</SUB>.....6-712.....B50W21.....6970¶
.....¶
.....<SUB>Pigmented·Sealer</SUB>.....6-2.....B28W200.....5111¶
.....¶
.....<SUB>Latex·Block·Filler</SUB>.....6-7.....B25W25.....5317¶
.....¶
.....<SUB>Alkali·Resistant·Primer</SUB>.....6-3.....A5V2.....5212H¶
.....¶
.....<SUB>Enamel·Undercoat</SUB>.....6-755.....B49W2.....[300]·[310]¶
.....¶
.....<SUB>Exterior·Wood·Primer</SUB>.....6-809.....Y24W20.....3651¶
.....¶
.....Acrylic·latex,·flat.....72·line.....A6·SERIES.....6500¶
.....¶
.....<SUB>Acrylic·Latex</SUB>,·gloss.....78·line.....A8·SERIES.....6600¶
.....¶
.....Water·base·<SUB>Acrylic·Epoxy</SUB>.....16·line.....B70·SERIES.....5277/5278¶
.....¶
</TBL>¶
```

New SI Tables

WOW!!!

COATING	PITTSBURGH	SHERWIN WILLIAMS	GLIDDEN
Inhibitive Metal Primer	6-712	B50WZ1	6970
Pigmented Sealer	6-2	B28W200	5111
Latex Block Filler	6-7	B25W25	5317
Alkali Resistant Primer	6-3	A5V2	5212H
Enamel Undercoat	6-755	B49W2	[300] [310]
Exterior Wood Primer	6-809	Y24W20	3651
Acrylic latex, flat	72 line	A6 SERIES	6500
Acrylic Latex, gloss	78 line	A8 SERIES	6600
Water base Acrylic Epoxy	16 line	B70 SERIES	5277/5278

Export Submittal Register



Export Submittal Register

Microsoft Excel - navy4288.htm

File Edit View Insert Format Tools Data Window Help Adobe PDF

Type a question for help

Arial 10

Section Number

	A	B	C	D	E	F	G	H
	Section Number	Activity Number	Transmittal Number	UNUSED	Subpart Number	Submittal Item	SD Number	Submittal Classification
2	01 11 00				1.5.1.3	Energy Performance Rating	7	
3	01 14 00				1.11.1	Visit Request for Pearl harbor Naval Shipyard Form (PHNSY 14ND-SYD-5512/28)	1	
4	01 14 00				1.11.1	Completed Special Access Determination (NAVSEA 5510/15)	1	
5	01 14 00				1.11.3	Pier parking authorization	1	
6	01 14 00				1.11.7	Government guard services	1	
7	01 14 00				1.9.1	Meal Signature Record Book (MSRB)	1	
8	01 14 00				1.9.2	Dining and lodging requirements	1	
9	01 14 00				1.9.3	Housing plan	1	
10	01 14 00				1.9.4	Medical plan	1	
11	01 14 00				1.6	Contractor regulations	1	
12	01 14 00				1.1	Transportation of personnel, materials, and equipment	1	
13	01 14 00				1.10.2	Purchase orders	1	
14	01 14 00				1.4.1.1	List of Contact Personnel	1	
15	01 14 00				1.5.20.1	Personnel List	1	
16	01 14 00				1.5.22	Personnel List	1	
17	01 14 00				1.5.23	Vehicle List	1	
18	01 14 00				1.5.24	Statement of Acknowledgement Form SF 1413	1	
19	01 20 00.00 20				1.3	Schedule of prices	1	
20	01 20 01.00 10				3.1	Report Outline	6	
21	01 33 00				1.3.1	Submittal register	1	
22	05 05 23.00 14				1.5	Welding Procedure Qualifications	3	
23	05 05 23.00 14				1.6	Welder, Welding Operator, and Tacker Qualification	3	
24	05 05 23.00 14				1.7	Inspector Qualification	3	
25	05 05 23.00 14				1.5.2	Previous Qualifications	3	
26	05 05 23.00 14				1.5.3	Pre-qualified Procedures	3	
27	05 05 23.00 14				3.2	Quality Control	6	
28	05 05 23.00 14				3.3.1	Nondestructive Examination	6	
29	05 05 23.00 14				1.5.1	Certified Welding Procedure Specifications (WPS)	7	

navy4288/

Ready

Proposed Alternate Paragraph Numbering

Performance-Prescriptive
Example Specification

CSI/DBIA and Building
Systems Design, Inc.

SECTION 08 44 13

GLAZED ALUMINUM CURTAIN WALL

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Aluminum-framed curtain wall, with vision glazing and glass, metal, and stone infill panels.
- B. Associated louvers.

1.02 RELATED SECTIONS

- A. Section 03 30 00 - Cast-In-Place Concrete: Weld plates embedded in concrete for attachment of anchors.
- B. Section 05 12 00 - Structural Steel Framing: Steel attachment members.

1.03 REFERENCES

- A. AA DAF-45 - Designation System for Aluminum Finishes; The Aluminum Association, Inc.
- B. AAMA CW-10 - Care and Handling of Architectural Aluminum From Shop to Site; American Architectural Manufacturers Association

PART 2 PRODUCTS

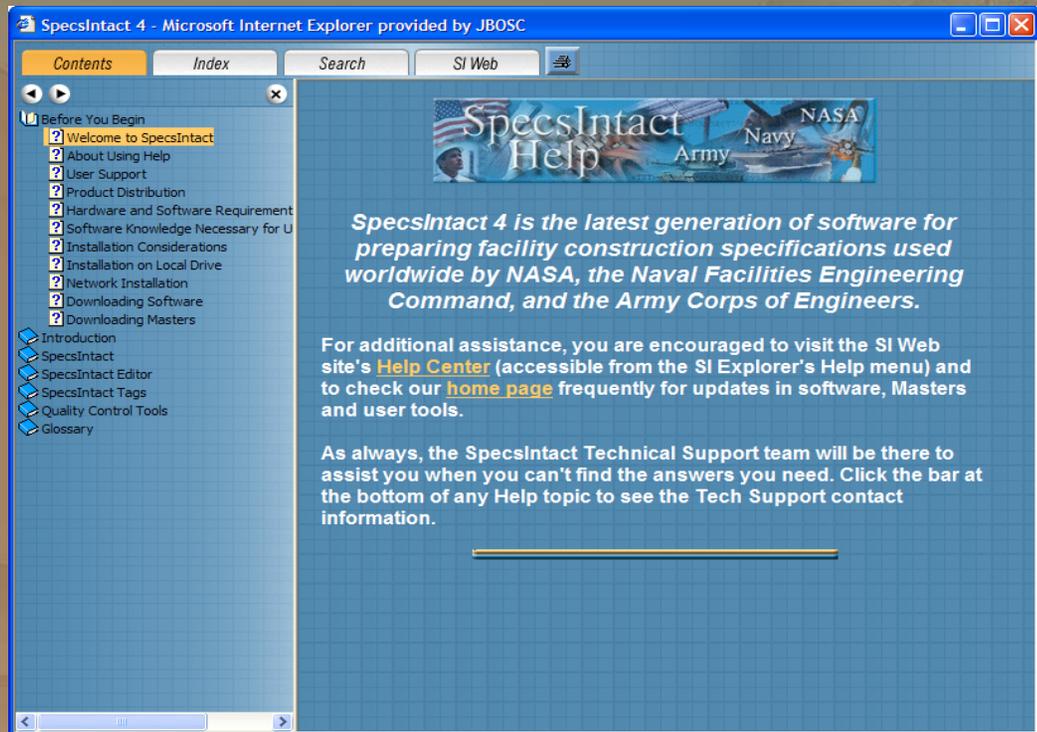
2.01 MANUFACTURERS

- A. The design is based on ABC Manufacturing Company's XYZ Series curtain wall.
- B. Other Acceptable Manufacturers:
 - 1. _____
 - 2. _____
 - 3. Substitutions Procedures: See Section 01 25 00

Improved Help Menu

- Provides the following Options

- Web Help



The screenshot shows a web browser window titled "SpecsIntact 4 - Microsoft Internet Explorer provided by JBOSC". The browser has tabs for "Contents", "Index", "Search", and "SI Web". The "Contents" tab is active, displaying a table of contents with a tree view on the left and a main content area on the right. The tree view includes sections like "Before You Begin", "Introduction", and "Glossary". The main content area features a banner for "SpecsIntact Help" with logos for NASA, Navy, and Army. Below the banner, there is a paragraph of text describing the software and its use by various organizations, followed by a paragraph encouraging users to visit the Help Center and check for updates.

SpecsIntact 4 - Microsoft Internet Explorer provided by JBOSC

Contents Index Search SI Web

Before You Begin

- Welcome to SpecsIntact
- About Using Help
- User Support
- Product Distribution
- Hardware and Software Requirement
- Software Knowledge Necessary for U
- Installation Considerations
- Installation on Local Drive
- Network Installation
- Downloading Software
- Downloading Masters

Introduction

- SpecsIntact
- SpecsIntact Editor
- SpecsIntact Tags
- Quality Control Tools
- Glossary

SpecsIntact Help

SpecsIntact 4 is the latest generation of software for preparing facility construction specifications used worldwide by NASA, the Naval Facilities Engineering Command, and the Army Corps of Engineers.

For additional assistance, you are encouraged to visit the SI Web site's [Help Center](#) (accessible from the SI Explorer's Help menu) and to check our [home page](#) frequently for updates in software, Masters and user tools.

As always, the SpecsIntact Technical Support team will be there to assist you when you can't find the answers you need. Click the bar at the bottom of any Help topic to see the Tech Support contact information.

Improved Help Menu

- Provides the following Options

➤ Web Site



Improved Help Menu

- Provides the following Options
 - Web Help Center



Featuring
Sally Specter



Help Menu

- Provides the following Options
 - Quick Tours

also featuring

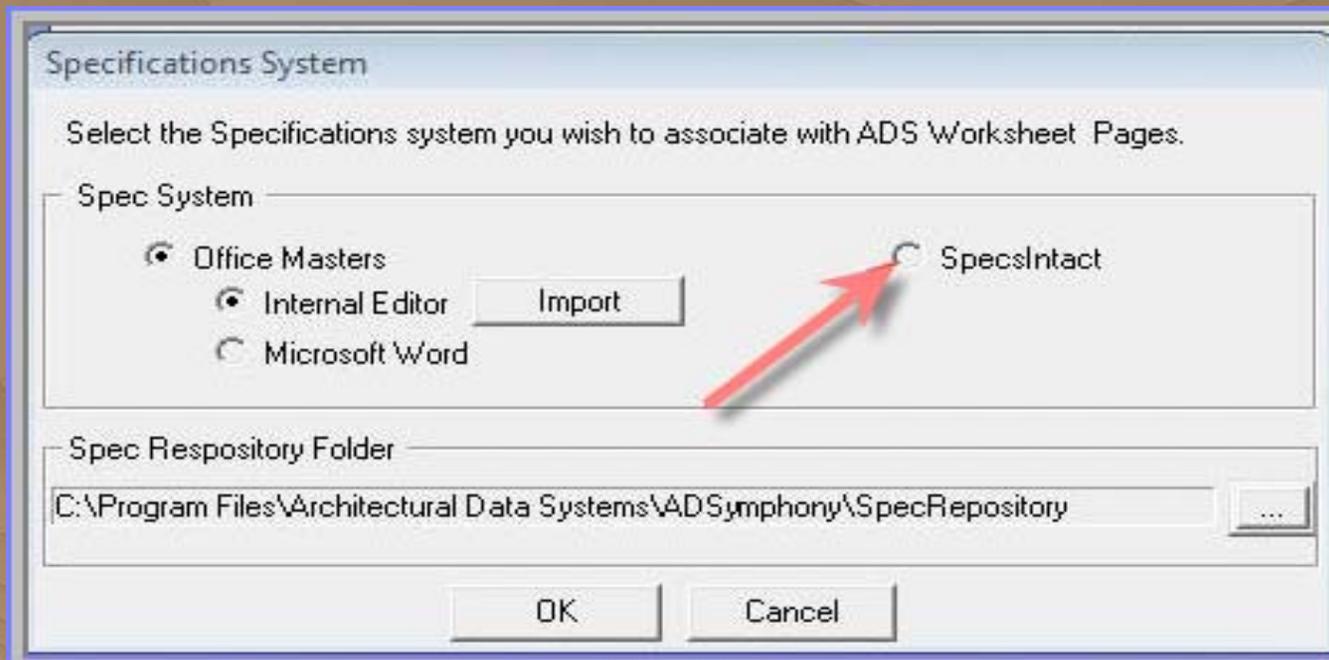
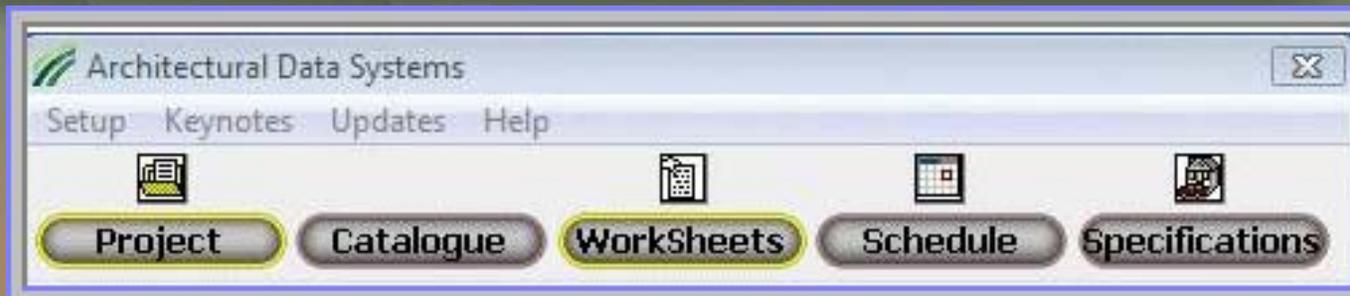




Future Integration

*Architectural Data Systems
(ADS)*

Architectural Data Systems (ADS)



Architectural Data Systems (ADS)



Architectural Data Systems (ADS)

Division Tree

- 0 - Agreements
- 1 - Basic Requirements
- 2 - Existing Conditions
- 3 - Concrete
- 4 - Masonry
 - Brick Unit Masonry
 - Concrete Unit Masonry
 - Thin Brick Veneer
 - Cast Stone
 - Manufactured Stone Veneer
 - Glass Unit Masonry
 - Dimensioned Stone Veneer
 - Mortar Installed Stone Veneer
 - Masonry Accessories
 - Mortar
 - Masonry Restoration
 - Revit Masonry Walls
- 5 - Metals
- 6 - Wood and Plastics
- 7 - Thermal and Moisture Protection
- 8 - Doors and Windows
- 9 - Finishes
- 10 - Specialties
- 11 - Equipment
- 12 - Furnishings
- 13 - Special Construction
- 14 - Conveying Systems
- 21 - Fire Suppression
- 22 - Plumbing
- 23 - HVAC
- 26 - Electrical
- 31 - Earthwork

Name	Title	Division
03 45 00	PLANT-PRECAST ARCHITECTURAL CONCRETE	Concrete
03 45 33	PRECAST[PRESTRESSED] STRUCTURAL CONCRETE	Concrete
03 51 00	ROOF DECKING, CAST-IN-PLACE LOW DENSITY CONCRETE	Concrete
03 51 16	GYPSUM PLANK DECKING (CONTRACTOR'S OPTION)	Concrete
03 52 00	LIGHTWEIGHT CONCRETE ROOF INSULATION	Concrete
03 62 16	METALLIC NON-SHRINK GROUTING	Concrete
03 70 00	MASS CONCRETE	Concrete
04 01 20	REHABILITATION OF REINFORCED AND UNREINFORCED MA	Masonry
04 01 21	REHABILITATION OF REINFORCED AND UNREINFORCED MA	Masonry
04 01 40	RESTORATION AND CLEANING OF MASONRY IN HISTORIC S	Masonry
04 20 00	MASONRY	Masonry
04 21 26	GLAZED STRUCTURAL CLAY TILE AND PREFACED CONCRETE	Masonry
04 23 00	GLASS MASONRY UNITS	Masonry
05 12 00	STRUCTURAL STEEL	Metals
05 30 00	STEEL DECKS	Metals
05 40 00	COLD-FORMED METAL FRAMING	Metals
05 50 00	METAL: MISCELLANEOUS AND FABRICATIONS	Metals
06 10 00	ROUGH CARPENTRY	Wood, Plastics and Composites
06 13 33	PIER TIMBERWORK	Wood, Plastics and Composites
06 18 00	GLUE-LAMINATED CONSTRUCTION	Wood, Plastics and Composites
06 20 00	FINISH CARPENTRY	Wood, Plastics and Composites
06 61 16	SOLID POLYMER (SOLID SURFACING) FABRICATIONS	Wood, Plastics and Composites
07 11 13	BITUMINOUS DAMPPROOFING	Thermal & Moisture Protection
07 12 00	BUILT-UP BITUMINOUS WATERPROOFING	Thermal & Moisture Protection
07 13 53	ELASTOMERIC SHEET WATERPROOFING	Thermal & Moisture Protection
07 14 00	FLUID-APPLIED WATERPROOFING	Thermal & Moisture Protection
07 16 19	METALLIC OXIDE WATERPROOFING	Thermal & Moisture Protection
07 17 00	BENTONITE WATERPROOFING	Thermal & Moisture Protection
07 19 00	WATER REPELLENTS	Thermal & Moisture Protection
07 21 13	BOARD AND BLOCK INSULATION	Thermal & Moisture Protection
07 21 16	MINERAL FIBER BLANKET INSULATION	Thermal & Moisture Protection
07 21 23	LOOSE FILL THERMAL INSULATION	Thermal & Moisture Protection
07 22 00	ROOF AND DECK INSULATION	Thermal & Moisture Protection

cancel submit

Architectural Data Systems (ADS)

ADS Worksheets

ARCHITECTURAL DATA SYSTEMS™

* Required Started Issue

- 0 - Agreements
- 1 - Basic Requirements
- 2 - Existing Conditions
- 3 - Concrete
- 4 - Masonry
 - Brick Unit Masonry
 - Required
 - Edit Local Specifications
 - New Page
 - Deleted Pages
 - Concrete Unit Masonry
 - Thin Brick Veneer
 - Cast Stone
 - Manufactured Stone Veneer
 - Glass Unit Masonry
 - Dimensioned Stone Veneer
 - Mortar Installed Stone Veneer
 - Masonry Accessories
 - Mortar
 - Masonry Restoration
 - Revit Masonry Walls
- 5 - Metals
- 6 - Wood and Plastics
- 7 - Thermal and Moisture Protec
- 8 - Doors and Windows
- 9 - Finishes
- 10 - Specialties
- 11 - Equipment

Latest History Brick Unit Masonry

New Copy Delete Attach Help

Issue Flag	Notes	Info.	Worksheet Item	Setting - Parameter
<input type="checkbox"/>			Brick Item Number	04
<input type="checkbox"/>			Location on Job	
<input type="checkbox"/>			Type of Brick	Select or enter
<input type="checkbox"/>			Series	Select or enter
<input type="checkbox"/>			Manufacturer	Select or enter ViewCatalog
<input type="checkbox"/>			Model	Select or enter
<input type="checkbox"/>			Grade of Brick	Select or enter
<input type="checkbox"/>			Type	Select or enter
<input type="checkbox"/>			Brick Color	Select or enter
<input type="checkbox"/>			Texture	Select or enter
<input type="checkbox"/>			Size	Select or enter
<input type="checkbox"/>			Standard	Select or enter

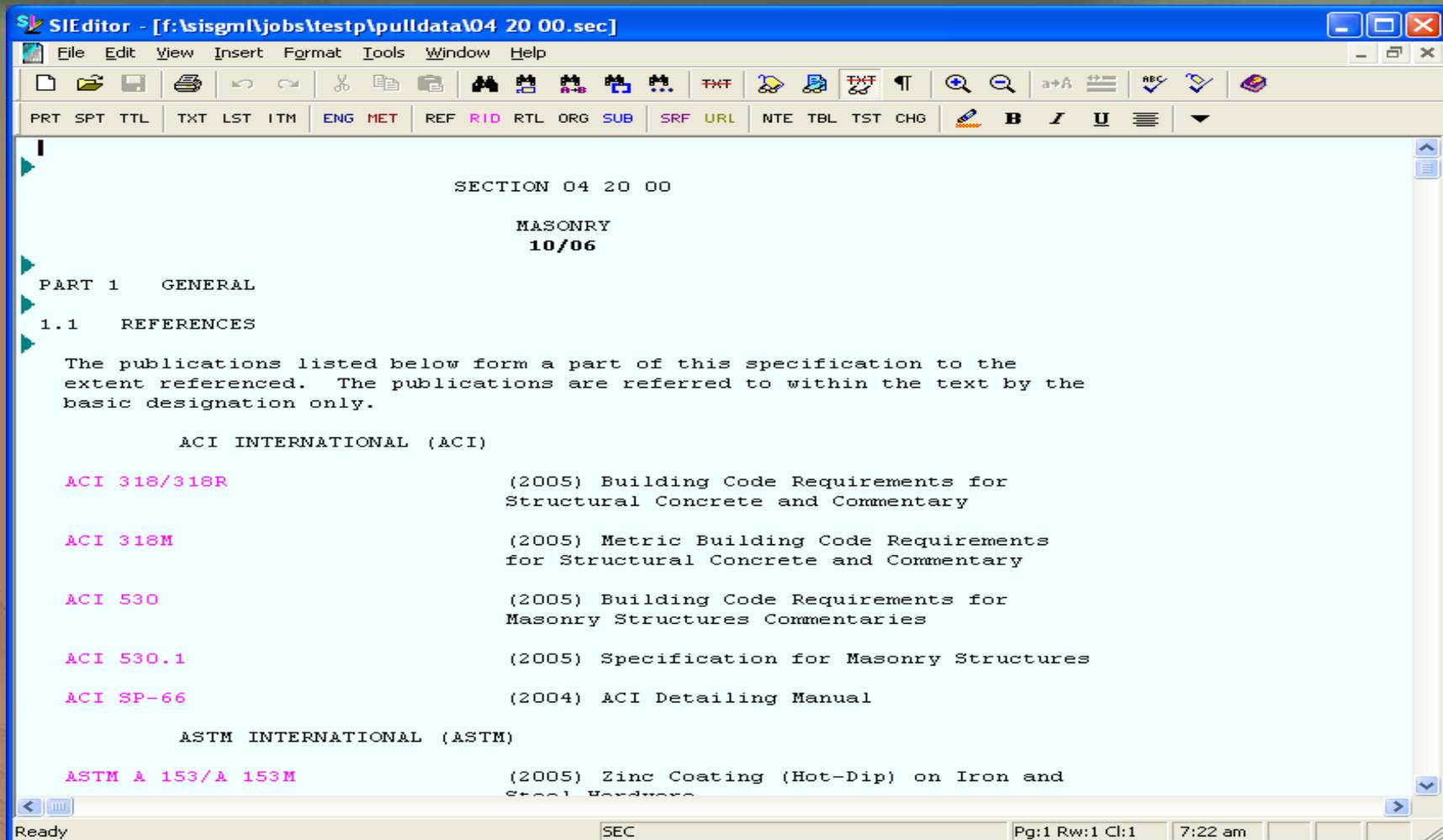
04 01 20.SEC
04 01 21.SEC
04 01 40.SEC
04 20 00.sec

Save Changes Clear All Fields

Schedule Preview

Brick Item Number	Location on Job	Type of Brick	Series	Manufacturer	Model	Grade of B
04		Select or enter	Select or enter	Select or enter	Select or enter	Select or ent

Architectural Data Systems (ADS)



SIEditor - [f:\sisgm\jobs\testp\pulldata\04 20 00.sec]

File Edit View Insert Format Tools Window Help

PRT SPT TTL TXT LST ITM ENG MET REF RID RTL ORG SUB SRF URL NTE TBL TST CHG

SECTION 04 20 00

MASONRY
10/06

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

ACI INTERNATIONAL (ACI)

ACI 318/318R (2005) Building Code Requirements for Structural Concrete and Commentary

ACI 318M (2005) Metric Building Code Requirements for Structural Concrete and Commentary

ACI 530 (2005) Building Code Requirements for Masonry Structures Commentaries

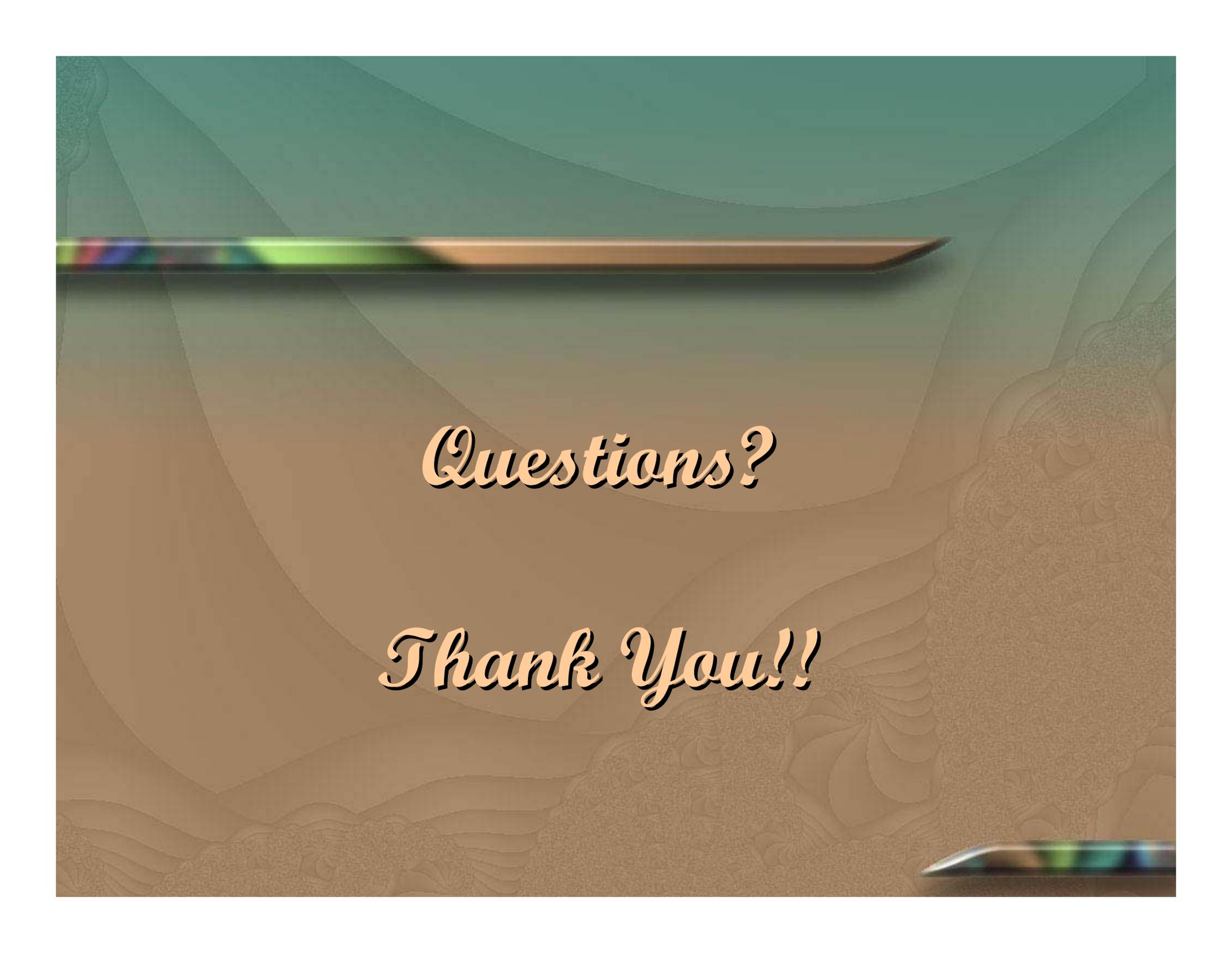
ACI 530.1 (2005) Specification for Masonry Structures

ACI SP-66 (2004) ACI Detailing Manual

ASTM INTERNATIONAL (ASTM)

ASTM A 153/A 153M (2005) Zinc Coating (Hot-Dip) on Iron and Steel Hardware

Ready SEC Pg:1 Rw:1 Cl:1 7:22 am



Questions?

Thank You!!