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Hot News

BIMdrive News

Digicon continues development of its BIMdrive software for specifications. Prototypes will be demonstrated at ICIS and CSC conferences. Refer to [BIMdrive News](#) for more information.

Digicon Seal Program

Digicon has developed and will implement in 2010 a "Seal" program, for manufacturers to use in their proprietary specifications, product descriptions, and MSDS sheets. The seal instills confidence in specifiers who use them. Read more at [Digicon Seal](#).

BrandedSPEC Sections Available

Specifiers can help us to build this unique database of free proprietary sections by downloading and using them in your projects. Please review the [Current BrandedSPEC Sections](#) in this newsletter.

Section Updates

The majority of updated sections have been 'reformatted' to enable compatibility with BIMdrive. Refer to [SpecSuite News, 2010-Q2 Update](#) for additional details.

Digicon News

BIMdrive News

As announced in previous newsletters, BIMdrive is the first BIM software built for Canadian specifications. BIMdrive is being developed by Digicon, with the assistance of IRAP research funding.

As BIM software, BIMdrive will enable users to interact with specification data as though they were BIM objects. The first version of the software has been developed with 'data integrity' as our primary objective; connectivity to BIM models (for more automated links between models and the specifications) is anticipated to be added later in 2010. The fundamental requirement that specifications and drawings must complement each other, and the application of this principle to the BIM environment, is raising very interesting questions that are currently being contemplated by the BIM community at large. The international developed IFD Library movement is one critical component in the long-range solution; this topic will be covered in future articles about IFD Library and BIMdrive.

Since our last issue, BIMdrive development has progressed to a 'prototype' stage. Prototypes of the software will be presented at the ICIS conference in April, and the CSC Conference in May .

Digicon BIM Presentations

David Watson delivered a BIM specifications seminar at the No Frills trade show hosted by the CSC Toronto Chapter. An introduction to BIM delivered by Ganesh Bala (Cohos Evamy's BIM expert) rounded out the BIM sessions.

BIM presentations will be delivered at the ICIS Delegates Assembly in Sydney, Australia in April and at the CSC Conference in Saskatoon. In both cases, Digicon will provide an overview of how our BIMdrive development is progressing, and identifying issues which are being raised in this new venue (not just technical ones, but cultural ones as well).

Contact David Watson if you are interested in attending or offering a seminar at your workplace. Announcements of further dates and locations will be provided in later newsletters.

BrandedSPEC* News

Digicon Seal

Digicon has developed a "seal" program, where a specially designed seal can be used to "brand" manufacturers' proprietary specifications. The seal will contain the year of issue and must be renewed annually (at nominal cost) by manufacturers.

The seal should reassure specifiers that the specification is current for the year dated, and that it meets our "standard of care". Of course, all specifications found on BrandedSPEC pages in Spex.ca will have this seal (we are currently in the process of applying them).



Current BrandedSPEC Sections

For those SpexNews readers who have not yet checked out the BrandedSPEC sections, we have listed them here for convenience.

<u>Section Number</u>	<u>Section Name</u>	<u>Manufacturer</u>	Products
03 11 24	<u>Grade Beam Void Forms</u>	<u>Beaver Plastics Ltd.</u>	<u>Frost Cushion</u>
07 21 13	<u>Foam Board Insulation</u>	<u>Owens Corning Canada Inc.</u>	<u>Celfort,Codebord,Foamular 400/600/1000</u>
07 21 16	<u>Glass Fibre Blanket Insulation</u>	<u>Owens Corning Canada Inc.</u>	<u>Pink Fiberglas</u>
07 21 26	<u>Blown Glass Fibre Insulation</u>	<u>Owens Corning Canada Inc.</u>	<u>PROPINK</u>
07 92 10	<u>Joint Sealing</u>	<u>Henkel Canada Corporation</u>	<u>LePage GreenSeries All-Purpose Acrylic Urethane Indoor/Outdoor Joint Sealant</u>
07 92 19	<u>Acoustic Joint Sealants</u>	<u>Henkel Canada Corporation</u>	<u>LePage GreenSeries Draft and Acoustical Sealant</u>
08 14 23	<u>French Terrace Doors</u>	<u>All Weather Windows</u>	<u>Versailles French Terrace Doors</u>
08 14 25	<u>Sliding Metal Clad Wood Doors</u>	<u>All Weather Windows</u>	
08 15 31	<u>Sliding PVC Frame Glass Doors</u>	<u>All Weather Windows</u>	<u>Everest 1000 Sliding Patio Doors</u>
08 15 33	<u>Sliding PVC Frame Glass Doors</u>	<u>All Weather Windows</u>	<u>Viscount 6000 Sliding Patio Door</u>
08 15 35	<u>Sliding PVC Frame Glass Doors</u>	<u>All Weather Windows</u>	<u>Hy-Distinction Sliding Patio Doors - Series 3050</u>
08 52 41	<u>Metal Clad Wood Windows</u>	<u>All Weather Windows</u>	<u>1500 Series WeatherGARD Windows</u>
08 53 21	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>2000 Series Energy Saver Picture Windows</u>
08 53 22	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>2500 Series Casement and Awning Windows</u>
08 53 23	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>6500 Series Titan Glider and Single Hung</u>
08 53 25	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>7000 Series Magnum Glider and Single Hung</u>
08 53 26	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>8000 Series Carriage Windows</u>
08 53 27	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>8500 Series Carriage Windows</u>
08 53 31	<u>Metal Clad PVC Windows</u>	<u>All Weather Windows</u>	<u>3550 Series HyDistinction Windows</u>
08 53 32	<u>Metal Clad PVC Windows</u>	<u>All Weather Windows</u>	<u>Distinction Series 3500</u>
08 53 33	<u>PVC Windows</u>	<u>All Weather Windows</u>	<u>3600 Series Distinction Windows</u>
08 53 34	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>3800 Series Distinction Windows</u>
08 53 41	<u>Tubular Plastic Windows</u>	<u>All Weather Windows</u>	<u>4600 Series Glider & Double Hung Windows</u>
09 81 00	<u>Glass Fibre Acoustic Insulation</u>	<u>Owens Corning Canada Inc.</u>	<u>QUIETZONE,SELECTSOUND</u>
31 23 23	<u>Foam Board Soil/Structure Protection</u>	<u>Beaver Plastics Ltd.</u>	<u>G-Tec</u>
31 23 23	<u>Lightweight Foam Fill for Earth Stabilization</u>	<u>Beaver Plastics Ltd.</u>	<u>Geofoam</u>
31 23 24	<u>Below Grade Foam Fill</u>	<u>Beaver Plastics Ltd.</u>	<u>Terrafoam HS-40</u>

Click on these links to review BrandedSPECs published by these manufacturers:

- [All Weather Windows](#)
- [Beaver Plastics Ltd](#)
- [Henkel Canada Corp](#)
- [Owens Corning Canada Ltd](#)

*BrandedSPEC is a library of brand name (proprietary) master specifications, product descriptions and MSDS sheets, that have been specially written to specify a particular manufactured product. The cost of development and maintenance of BrandedSPEC documents is borne by the manufacturers themselves, and offered to the construction industry FREE. For more information, browse the Spex.ca BrandedSPEC Page online 24/7.

Contact Geri at 519-712-9509, or our toll-free number, for further information on our BrandedSPEC services for manufacturers or information on manufacturers for whom we have provided these documents since 1998.

Industry News

CSC Green TEK-AID Still Pending

A comprehensive TEK-AID on "Environmental/Green Supplement" will be released in the near future by Construction Specifications Canada (CSC) (the exact date is still unknown), and made available through the Spex.ca website. This publication explains the purpose and application of sustainability, specifically as they relate to the specifications and contractual aspect of our industry. The TEK-AID has two significant parts - an explanatory Digest plus supporting Specification Sections prepared in a "master specification" context. These master specifications are focused on citing contractual criteria that applies to all administrative and technical specifications - from Division 00 through to Division 49. These new CSC documents will also be compatible with current CMS master specifications - Divisions 2 thru 49, which are developed and maintained by Digicon.

ICIS

Next Delegates Assembly will be in April 2010, in Sydney Australia

ICIS members (including Digicon) meet to discuss the latest trends in specifications globally. Digicon intends to be represented there by David Watson, Digicon President (and ICIS Secretary) and Wayne Watson, Digicon Information Inc., Vice President. CSC will also be represented. The theme at this Conference will be looking to the distant future (2025) to see what our "construction world" will look like.



CSC National Conferences

May 26-30, 2010: - Saskatoon, Saskatchewan

CSC will host its annual conference in Saskatoon, Saskatchewan on May 26 - 30, 2010.

More information about the upcoming CSC conference can be found at <http://www.cscconference.ca>.



CSC Principles of Construction Documentation (PCD) - Online Course

Digicon is frequently asked for assistance editing specifications by our subscribers. For those who have little formal training, we highly recommend taking the PCD course. For many people who do not reside in a city where there is an active CSC chapter, the online course is the next best thing. This online course is hosted by SAIT (based in Calgary), but instructors are highly experienced CSC (usually RSW) members.

The next PCD Online course begins June 1, 2010. To register, go to <http://www.sait.ca/de>, course code CNST 245, or call 1-877-284-7248. Or, you can contact the CSC office at info@csc-dcc.ca or call 416-777-2198.

CCDC News

Coming Soon - CCDC 5A and 5B:

New: CCDC is expected to release two (2) new documents early in 2010. They are:

CCDC 5A – Construction Management Contract – For Services, and

CCDC 5B – Construction Management Contract – For Services and Construction.

Digicon will be releasing support for these contract forms in CMS and MiniSPEC Division 00 and 01 sections accordingly. We are sure pleased to see this document development and release happen - none to soon.

CCDC Documents About to be Released:

We note from a recent CCDC advisory, that two (2) additional CCDC documents are due for release shortly. These two documents are:

CCDC 17 – Stipulated Price Contract Between Owner and Trade Contractor for CM Projects.

Guide to CCDC Construction management Contracts.

SpecSuite News, 2010-Q2 Update

BIMdrive Upgrade Continues

During our development of BIMdrive, and the resulting conversion of our specification texts to the new format, we have begun a process of re-structuring all our specifications – while still maintaining consistency with our current format. These changes will be reflected in our legacy (word processing) file formats as 'improvements' in editability for our Word and WordPerfect customers.

While this change was motivated by our desire to operate in a BIM world easier, it is our opinion that this change led to a very nice side-effect – it also makes our legacy word processing text easier to read and edit.

Canadian Master Specification (CMS)

Our primary specification product, CMS is this year, undergoing a complete technical make-over and update to all of its sections - including updated sections in this calendar quarter. This updating includes minor text re-structuring to accommodate our ongoing BIM development program (mentioned above). In addition to the BIMdrive modifications, sections in Division 0, 01, 03, 04, 05, 06, 07, 10, 11, 13, 14 underwent additional technical refinement. Sections in Division 00 and 01 were updated to reflect changes in related CCDC 2 and CCDC 23 documents. All sections listed have had standards reviewed and updated.

MiniSPEC

There are no MiniSPEC updates this quarter.

Sections Updated This Quarter

Updates this quarter include the following summary of specific sections.

Library	Section #	Section Name	Status
CMS	00 01 07	Seals Page	Updated
CMS	00 01 10	Table of Contents	Updated
CMS	00 11 13	Advertisement for Bids	Updated

Library	Section #	Section Name	Status
CMS	00 11 16	Invitation To Bid	Updated
CMS	00 21 13	Instructions To Bidders	Updated
CMS	00 31 34	Subsurface Investigation Report	Updated
CMS	00 41 13	Bid Form - Stipulated Price	Updated
CMS	00 41 33	Bid Form - Cost Plus	Updated
CMS	00 41 43	Bid Form - Unit Prices	Updated
CMS	00 41 45	Bid Form - Civil Works	Updated
CMS	00 41 73	Supplementary Bid Information Form	Updated
CMS	00 51 00	Notice Of Award	Updated
CMS	00 51 13	Bid Rejection Notice	Updated
CMS	00 52 13	Agreement - Stipulated Price	Updated
CMS	00 52 33	Agreement - Cost Plus	Updated
CMS	00 52 43	Agreement - Unit Price	Updated
CMS	00 52 45	Agreement - Civil Works	Updated
CMS	00 56 13	Definitions - Stipulated Price	Updated
CMS	00 56 33	Definitions - Cost Plus	Updated
CMS	00 56 43	Definitions - Unit Price	Updated
CMS	00 56 45	Definitions - Civil Works	Updated
CMS	00 72 13	General Conditions - Stipulated Price	Updated
CMS	00 72 33	General Conditions - Cost Plus	Updated
CMS	00 72 43	General Conditions - Unit Price	Updated
CMS	00 72 45	General Conditions - Civil Works	Updated
CMS	00 73 03	Supplementary Conditions - Stipulated Price	Updated
CMS	00 73 06	Supplementary Conditions - Cost Plus	Updated
CMS	00 73 09	Supplementary Conditions - Unit Price	Updated
CMS	00 73 12	Supplementary Conditions - Civil Works	Updated
CMS	00 91 10	Addendum Form	Updated
CMS	01 10 00	Summary of Work	Updated
CMS	01 12 00	Multiple Contract Summary	Updated
CMS	01 14 00	Work Restrictions	Updated
CMS	01 19 00	Specifications and Documents	Updated
CMS	01 19 10	Electronic Model Database	Updated
CMS	01 21 00	Allowances	Updated
CMS	01 22 10	Contract Unit Prices	Updated
CMS	01 29 00	Payment Procedures	Updated
CMS	01 31 00	Project Managing And Coordination	Updated
CMS	01 32 00	Construction Progress Documentation	Updated
CMS	01 33 00	Submittal Procedures	Updated
CMS	01 35 18	LEED Requirements and Procedures	Updated
CMS	01 35 23	Health And Safety	Updated
CMS	01 35 26	Environment Protection	Updated
CMS	01 35 91	Restoration Project Procedures	Updated
CMS	01 41 00	Regulatory Requirements	Updated
CMS	01 42 00	References	Updated
CMS	01 43 00	Quality Assurance	Updated

Library	Section #	Section Name	Status
CMS	01 45 00	Quality Control	Updated
CMS	01 51 00	Temporary Utilities	Updated
CMS	01 52 00	Construction Facilities	Updated
CMS	01 53 00	Temporary Construction	Updated
CMS	01 55 26	Traffic Control And Procedures	Updated
CMS	01 57 13	Temporary Erosion and Sediment Control	Updated
CMS	01 57 20	Temporary Indoor Air Quality Control	Updated
CMS	01 58 00	Project Identification	Updated
CMS	01 61 00	Product Requirements	Updated
CMS	01 62 00	Product Exchange Procedures	Updated
CMS	01 70 00	Examination And Preparation	Updated
CMS	01 73 00	Execution	Updated
CMS	01 73 30	Cutting And Patching	Updated
CMS	01 74 00	Cleaning And Waste Processing	Updated
CMS	01 74 20	Waste Managing and Disposal	Updated
CMS	01 75 16	Start-Up Procedures	Updated
CMS	01 75 19	Testing, Adjusting And Balancing	Updated
CMS	01 78 10	Closeout Submittals	Updated
CMS	01 78 40	Maintenance Requirements	Updated
CMS	01 79 00	Demonstration And Training	Updated
CMS	01 91 00	Commissioning	Updated
CMS	01 94 00	Facility Decommissioning	Updated
CMS	02 41 15	Hydro-Demolition	Updated
CMS	03 03 30	Concrete Restoration	Updated
CMS	03 11 00	Concrete Forming	Updated
CMS	03 20 00	Concrete Reinforcing	Updated
CMS	03 30 00	Cast-in-Place Concrete	Updated
CMS	03 35 10	Concrete Floor Finishing	Updated
CMS	03 35 11	Concrete Floor Sealing	Updated
CMS	03 35 12	Concrete Admixtures	Updated
CMS	03 35 13	High Tolerance Concrete Floor Finishing	Updated
CMS	03 35 23	Exposed Aggregate Concrete Finishing	Updated
CMS	03 37 13	Shotcrete	Updated
CMS	03 37 15	Shotcrete - Dry Process - Steel Reinforced	Updated
CMS	03 38 00	Post Tensioned Concrete	Updated
CMS	03 39 00	Concrete Curing	Updated
CMS	03 41 00	Structural Precast Concrete	Updated
CMS	03 41 13	Precast Concrete Hollow Core Planks	Updated
CMS	03 45 00	Architectural Precast Concrete	Updated
CMS	03 47 13	Site Cast Tilt-up Concrete	Updated
CMS	03 49 00	Glass Fibre Reinforced Concrete	Updated
CMS	03 52 16	Lightweight Insulating Concrete	Updated
CMS	03 54 00	Self-leveling Underlayment	Updated
CMS	03 62 00	Non-Shrink Grouting	Updated
CMS	03 64 23	Epoxy Sealant Injection	Updated

Library	Section #	Section Name	Status
CMS	04 01 21	Masonry Restoration And Cleaning	Updated
CMS	04 03 44	Water Cleaning Of Masonry	Updated
CMS	04 03 45	Steam Cleaning Of Masonry	Updated
CMS	04 04 05	Mortar and Masonry Grout	Updated
CMS	04 04 15	Masonry Anchorage and Reinforcement	Updated
CMS	04 04 25	Masonry Units	Updated
CMS	04 04 75	Stone Masonry Units	Updated
CMS	04 23 00	Glass Unit Masonry	Updated
CMS	04 26 13	Single Wythe Masonry	Updated
CMS	04 26 16	Veneer Masonry	Updated
CMS	04 26 19	Reinforced Unit Masonry	Updated
CMS	04 27 13	Composite Unit Masonry	Updated
CMS	04 27 23	Cavity Wall Unit Masonry	Updated
CMS	04 29 13	Shop Fabricated Masonry Panels	Updated
CMS	04 42 39	Dimension Stone	Updated
CMS	04 42 66	Quarried Stone	Updated
CMS	04 71 10	Calcium Silicate Unit Masonry	Updated
CMS	05 12 00	Structural Steel	Updated
CMS	05 21 00	Steel Joist Framing	Updated
CMS	05 31 13	Steel Floor Decking	Updated
CMS	05 31 23	Steel Roof Decking	Updated
CMS	05 41 00	Structural Metal Lightweight Framing	Updated
CMS	05 43 10	Metal Slotted Channel Framing	Updated
CMS	05 50 00	Metal Fabrications	Updated
CMS	05 51 00	Metal Stairs	Updated
CMS	06 80 00	Composite Fabrications	Updated
CMS	07 03 71	Shingle Restoration	Updated
CMS	07 03 72	Roofing Tile Restoration	Updated
CMS	07 03 73	Sheet Metal Roofing Restoration	Updated
CMS	07 03 74	Sheet Metal Restoration	Updated
CMS	07 03 75	Joint Sealers For Restoration	Updated
CMS	07 18 00	Traffic Coatings	Updated
CMS	07 19 00	Water Repellents	Updated
CMS	07 24 00	Exterior Insulation and Finish Systems	Updated
CMS	07 31 13	Asphalt Shingles	Updated
CMS	07 31 29	Wood Shingles and Shake Roofing	Updated
CMS	07 32 00	Tile Roofing	Updated
CMS	07 41 43	Composite Roof Panels	Updated
CMS	07 43 11	Sandwich Metal Building Panels	Updated
CMS	07 46 16	Preformed Metal Siding	Updated
CMS	07 46 23	Wood Siding	Updated
CMS	07 50 05	Preparation For Re-Roofing	Updated
CMS	07 61 00	Sheet Metal Roofing	Updated
CMS	07 71 23	Manufactured Gutters And Downspouts	Updated
CMS	07 72 33	Roof Hatches	Updated

Library	Section #	Section Name	Status
CMS	07 95 13	Expansion Joint Assemblies	Updated
CMS	10 11 00	Visual Display Surfaces	Updated
CMS	10 14 55	Sign Structures	Updated
CMS	10 14 70	Non-slip Floor Tape Markings	Updated
CMS	10 14 75	Tactile Warning Devices	Updated
CMS	10 21 24	Cubicle Curtains	Updated
CMS	10 22 13	Wire Mesh Partitions	Updated
CMS	10 22 22	Demountable Gypsum Partitions	Updated
CMS	10 22 27	Folding Panel Partitions	Updated
CMS	10 22 28	Accordion Folding Partitions	Updated
CMS	10 44 13	Fire Extinguisher Cabinets	Updated
CMS	10 75 00	Flagpoles	Updated
CMS	11 13 20	Loading Dock Levelers	Updated
CMS	11 31 00	Residential Appliances	Updated
CMS	11 40 00	Food Service Equipment	Updated
CMS	11 66 25	Basketball Backstops	Updated
CMS	11 82 26	Waste Compactors And Destructors	Updated
CMS	13 21 26	Cold Storage Rooms	Updated
CMS	13 24 16	Saunas	Updated
CMS	13 24 26	Steam Baths	Updated
CMS	13 34 23	Fabricated Structures	Updated
CMS	14 12 00	Electric Dumbwaiters	Updated
CMS	14 42 13	Inclined Wheelchair Lifts	Updated
CMS	14 42 16	Vertical Wheelchair Lifts	Updated

* CMS Discipline package codes: A = Architectural, C = Civil Engineering, E = Electrical, H = Heritage, I = Interiors, L = Landscape, M = Mechanical, R=Roofing/Waterproofing, S=Structural

CCDC 2 - 2008: Supported by CMS and MiniSPEC

Reminder: CMS and MiniSPEC Division 00 and 01 documents support the current (2008) CCDC contract forms and other documents to address their use on LEED (sustainability) projects.

Relevant URL Links

The following URL links will serve to link readers to topics which are included in our newsletter and activities that impact our industry.

- Arcom (publishers of AIA MASTERSPEC) (<http://www.arcomnet.com>)
- BrandedSPEC (<https://secure.spex.ca/index.php?page=branded/index.php>)
- BuildingSMART International (formerly IA) (<http://www.buildingsmart.com>)
- Canada BIM Council (CBC) (<http://www.canbim.com>)
- Canada Green Building Council (<http://www.cagbc.org>)
- CCDC Documents: (<http://www.ccdc.org/home.html>)
- Construction Specifications Canada (CSC) (<http://www.csc-dcc.ca>)

- CSC Conference: <http://www.cscconference.ca>
- Construction Specifications Institute (CSI) (<http://www.csinet.org>)
- Digicon Information Inc. (<http://www.digicon.ab.ca>)
- IFD Library (<http://www.ifd-library.org>)
- International Construction Information Society (ICIS) (<http://www.icis.org>)
- Canadian Green Building Council (CaGBC): (<http://www.cagbc.org>)
- MasterFormat 2004 (free downloadable PDF on Spex.ca Free page): (<https://secure.spex.ca/index.php?page=freedocs/index.php>)
- OmniClass (<http://www.omniclass.ca> and <http://www.omniclass.org>)
- Spex.ca (<http://www.spex.ca>)

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