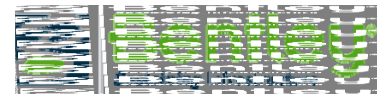


Discover the New Value in MicroStation V8i (SELECTseries 1) bentleyuser.dk 2009

Chris Bober – Director, MicroStation Product Line



ProjectWise



sisHYD

AutoPLANT

SUPERLOAD

HAMMER

OpenPlant

promise

MXROAD

HAESTAD

METHODS' WATER SOLUTIONS

PondPack

V8i

STAAD by Bentley

WaterGEMS

ConstructSim

RAM A Bentley Solutions Center

CADScript

Design++

InRoads

AXSYS

ProSteel

AutoPIPE

GEOPAK

MicroStation



speedikon

Descartes

PowerCivil

HEVACOMP

OPTRAM

V8i Spans the Infrastructure Disciplines



V8i Spans the Infrastructure Lifecycle



V8i Scales from Small to Large Projects



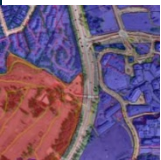
Solutions



Bridges



Buildings



Cadastral and Land Development



Campuses



Power Generation



Rail and Transit



Communications



Electric and Gas Utilities



Factories



Roads



Metals and Mining



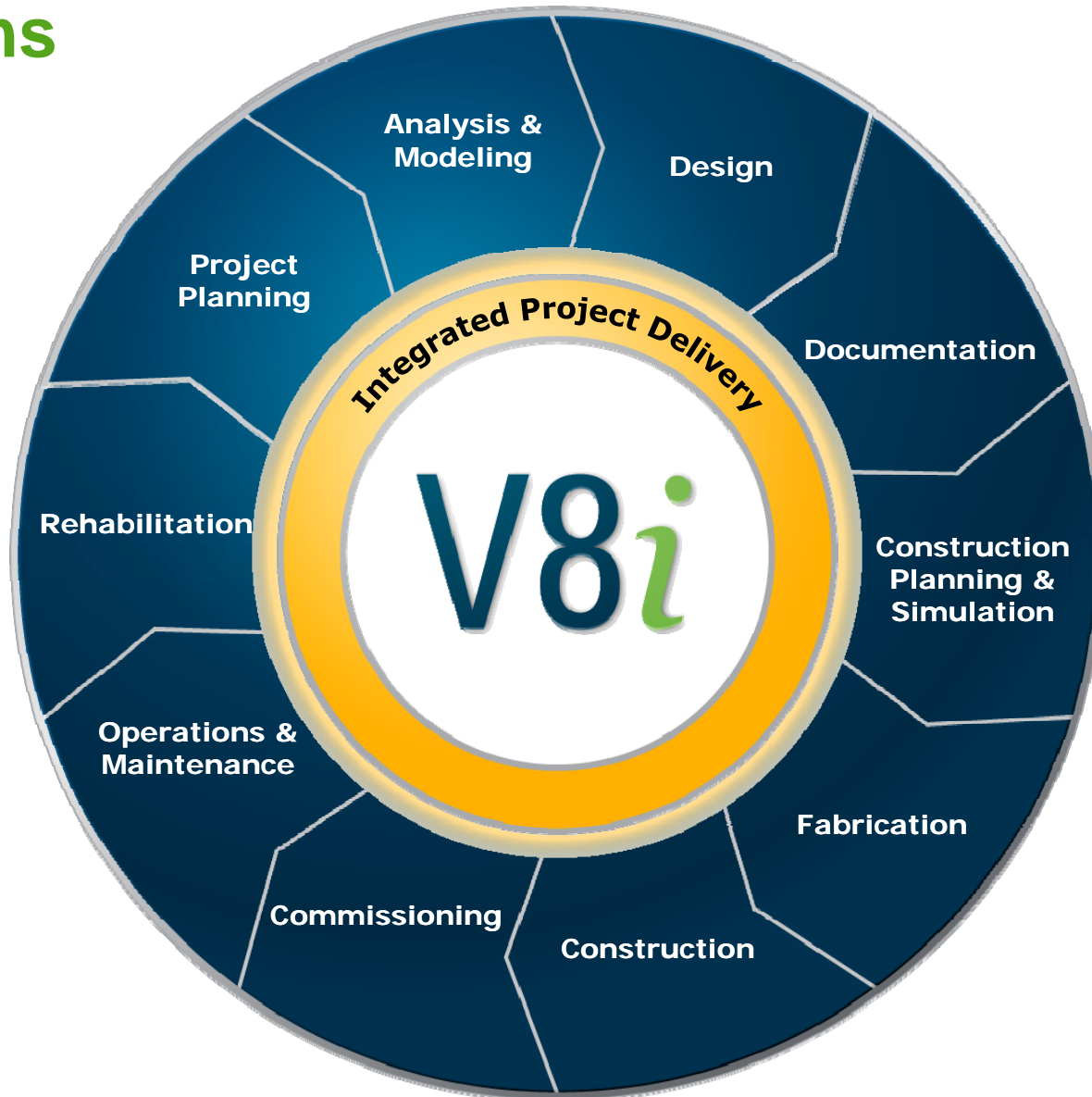
Water and Wastewater



Oil and Gas



Solutions



V8i Means Continuity

V8i

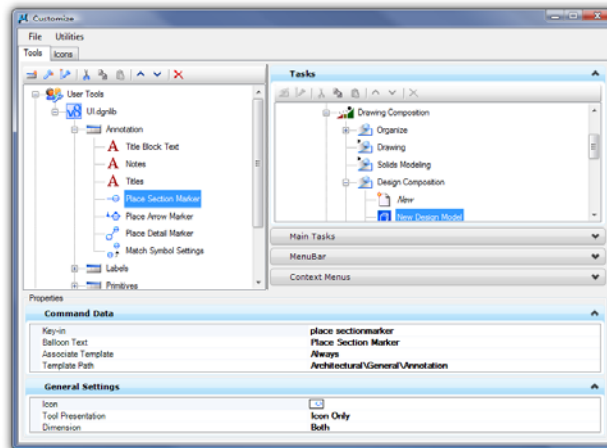
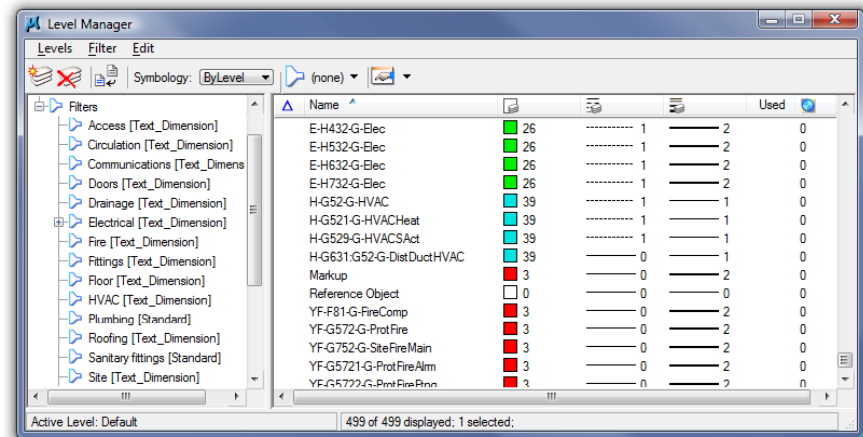
- Represents the full potential of the V8 generation
- No DGN file format change
- Works seamlessly with prior versions of MicroStation
- V8i applications are forward and backward compatible
- ProjectWise manages prior versions of applications seamlessly

MicroStation V8i What's NOT New

Feature
Same V8DGN Format

Advantage
Enables the team to transition seamlessly from previous versions of software to V8i

Benefit
Eliminate wasted time
Improve upgrade experience
Maintain high quality data



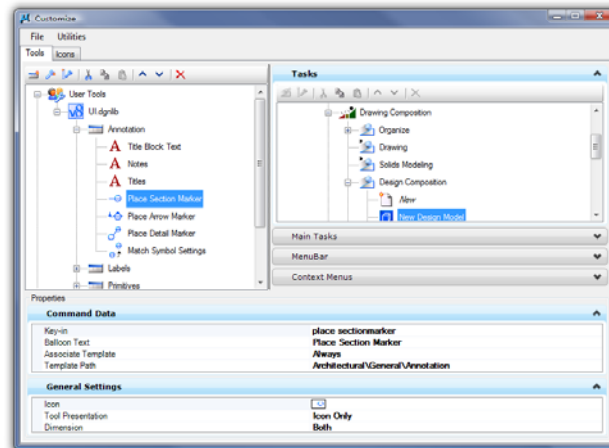
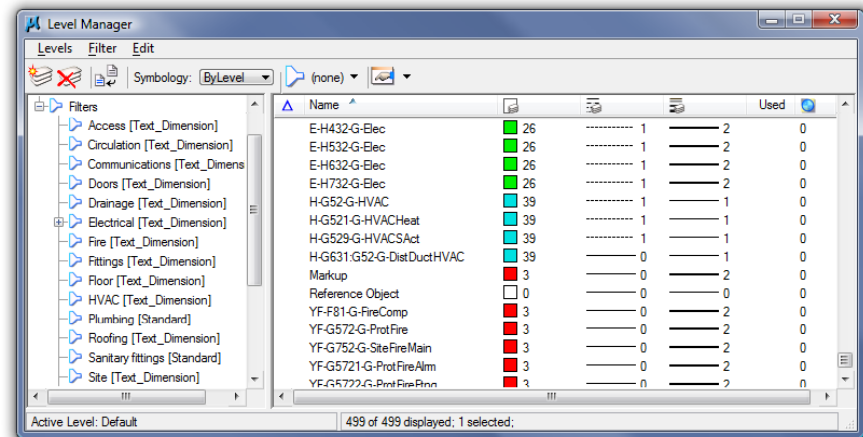
MicroStation V8i What's NOT New

Feature
Supports current standards



Advantage
Streamlines the process of moving projects from older versions of software to V8i

Benefit
Eliminate wasted time
Reduce risk to project schedule
Maintain high quality data



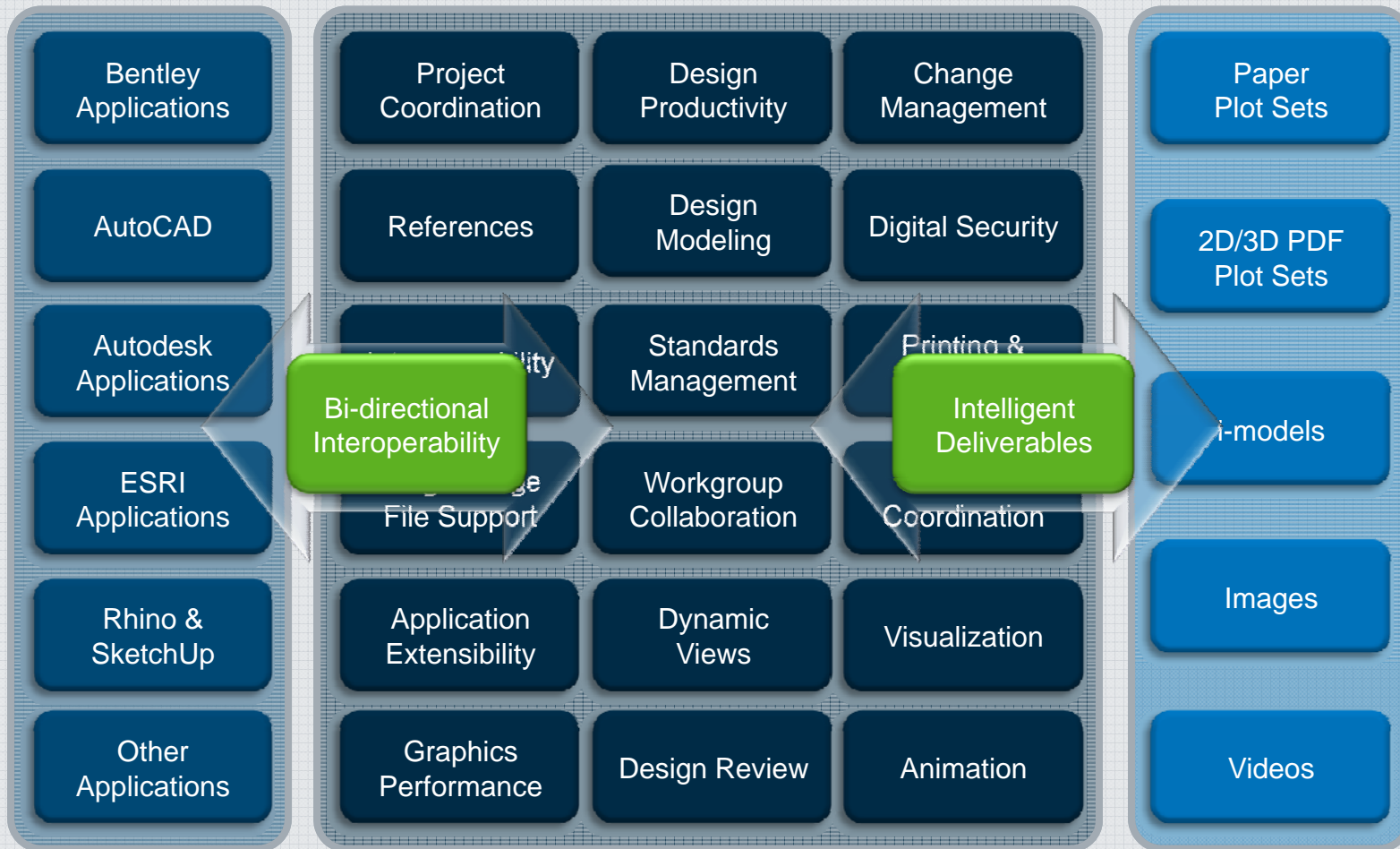
MicroStation V8*i* (SELECTseries 1)

- MicroStation V8*i*
 - Launched November 6, 2008
- MicroStation V8*i* (SELECTseries 1)
 - Released November 2, 2009
- Also available today
 - MicroStation PowerDraft V8*i* (SELECTseries 1)
 - GenerativeComponents Extension V8*i* (SELECTseries 1)
 - ProjectWise V8*i* (SELECTseries 1)
 - ProjectWise Navigator V8*i* (SELECTseries 1)
 - ProjectWise InterPlot V8*i* (SELECTseries 1)
- V8*i* applications available throughout Q4

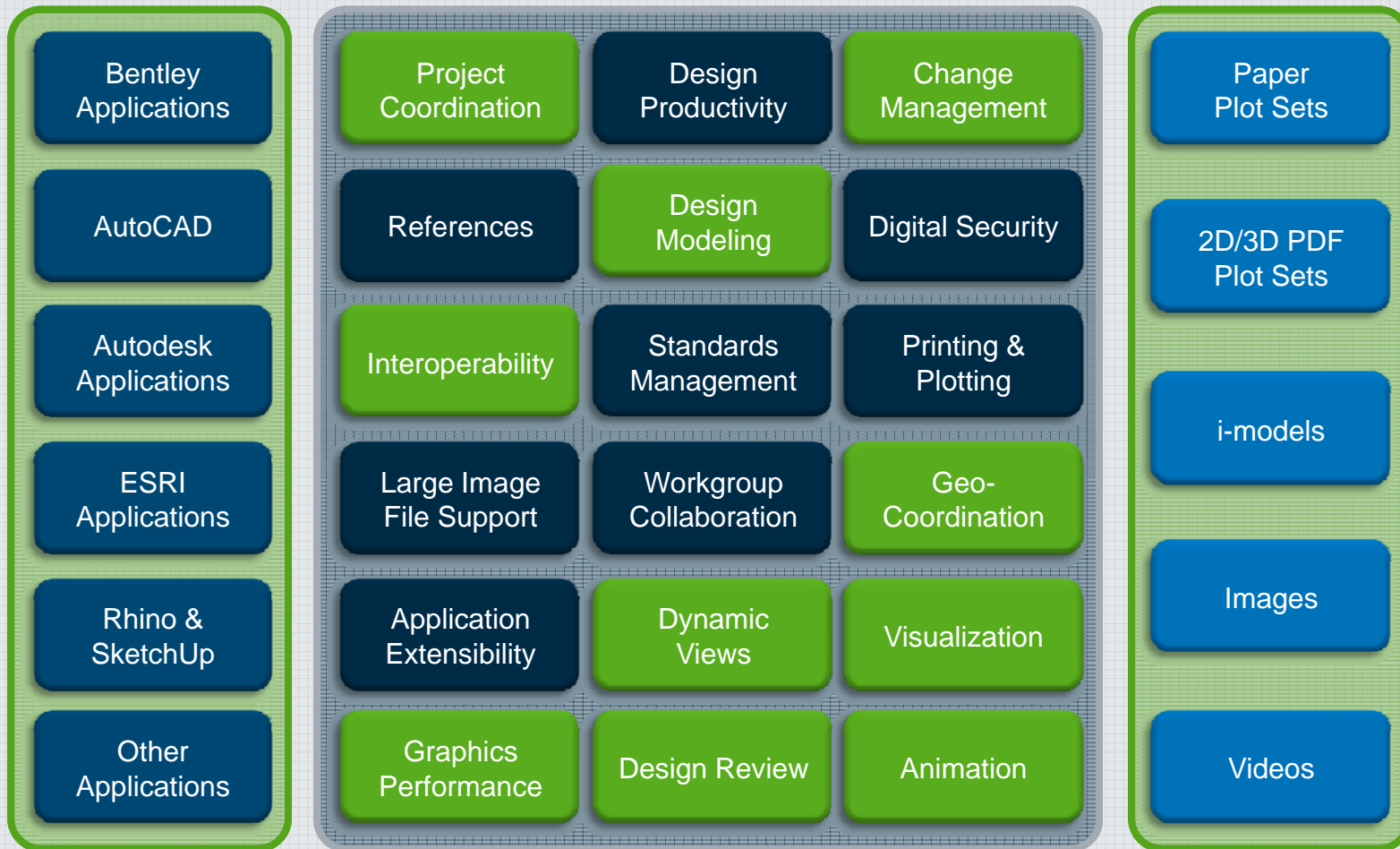
MicroStation V8i Feature Map



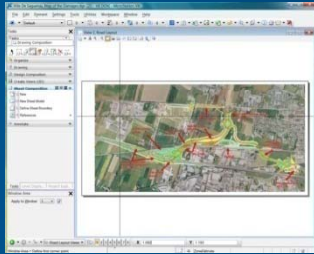
MicroStation V8i Feature Map



MicroStation V8i Feature Map



MicroStation V8i (SELECTseries 1) Themes

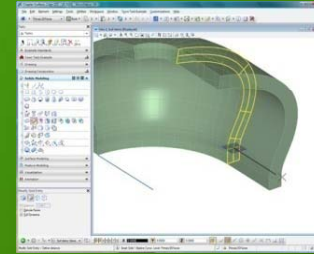


Interoperable Software

- Trusted RealDWG support
- Reference 50+ image types
- Object Enabler support
- Rhino 3DM, SketchUp SKP
- 3DS, Google Earth KML
- ProjectWise integration

Intuitive Design Modeling

- Push-Pull solids editing
- Freeform surface creation
- Generative Design
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- Flexible mesh modeling
- Place Google Content

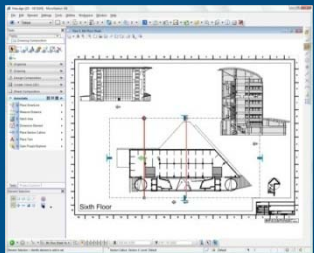


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- Geospatial Referencing
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- Near real-time realistic rendering
- Point-and-shoot simplicity
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- Multi-core support for 32 processors

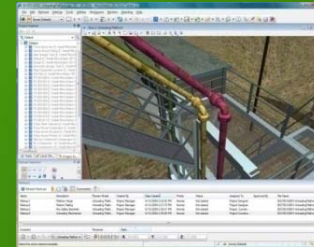


Interactive Dynamic Views

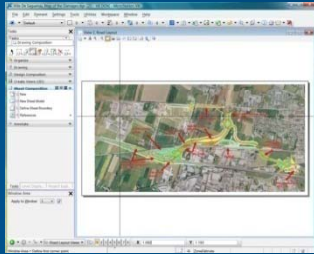
- Simplify 3D experience
- Slice and filter 3D models
- Streamline Drawing Composition
- Drag and drop views
- Automate drawing updates
- Update linked annotation

Insightful Design Review

- Create or manage markups
- Overlay markup files
- Publish i-models for review
- Approve/reject comments
- View status/notifications



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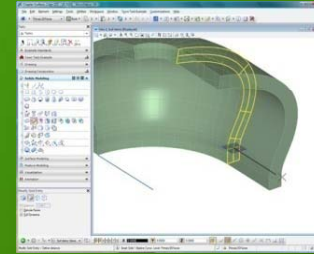


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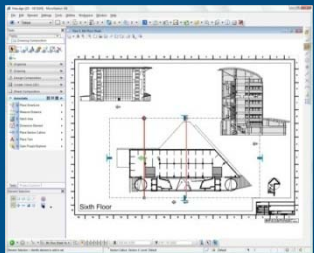


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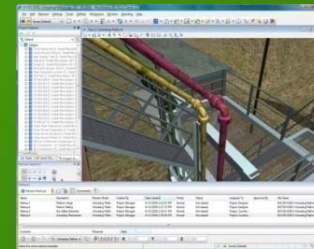


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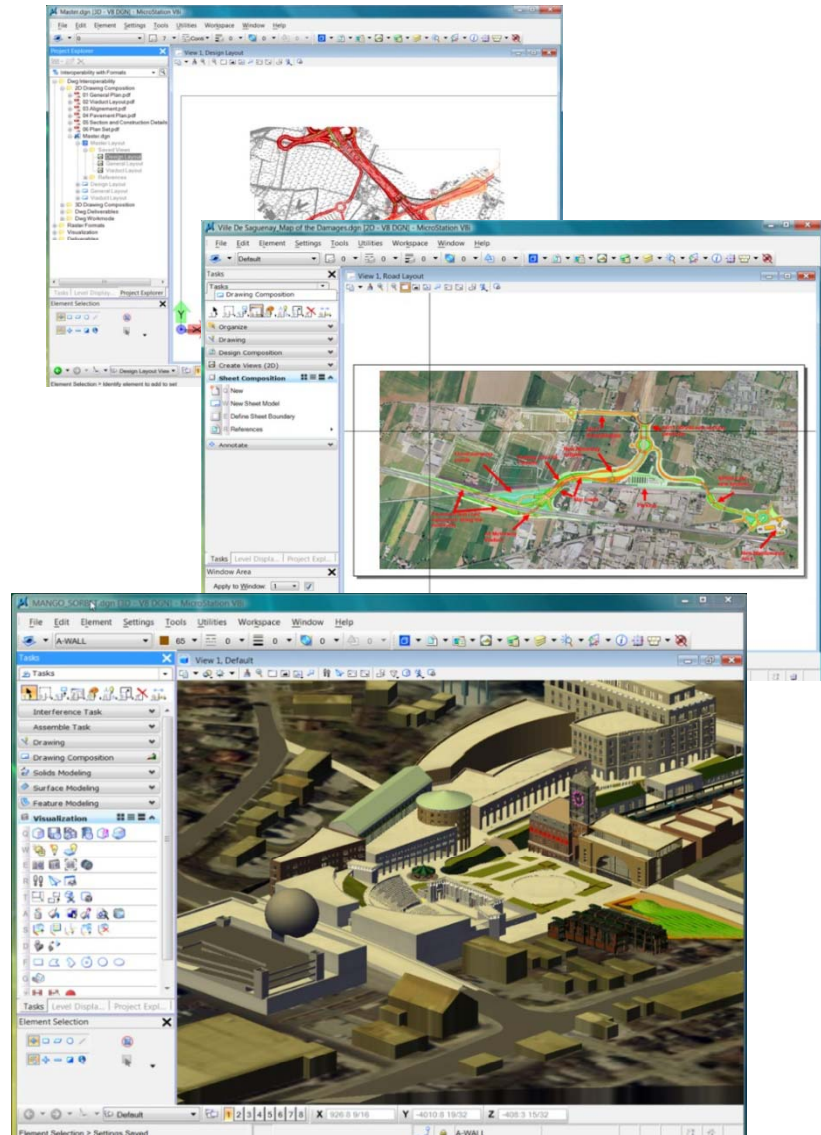
Insightful Design Review

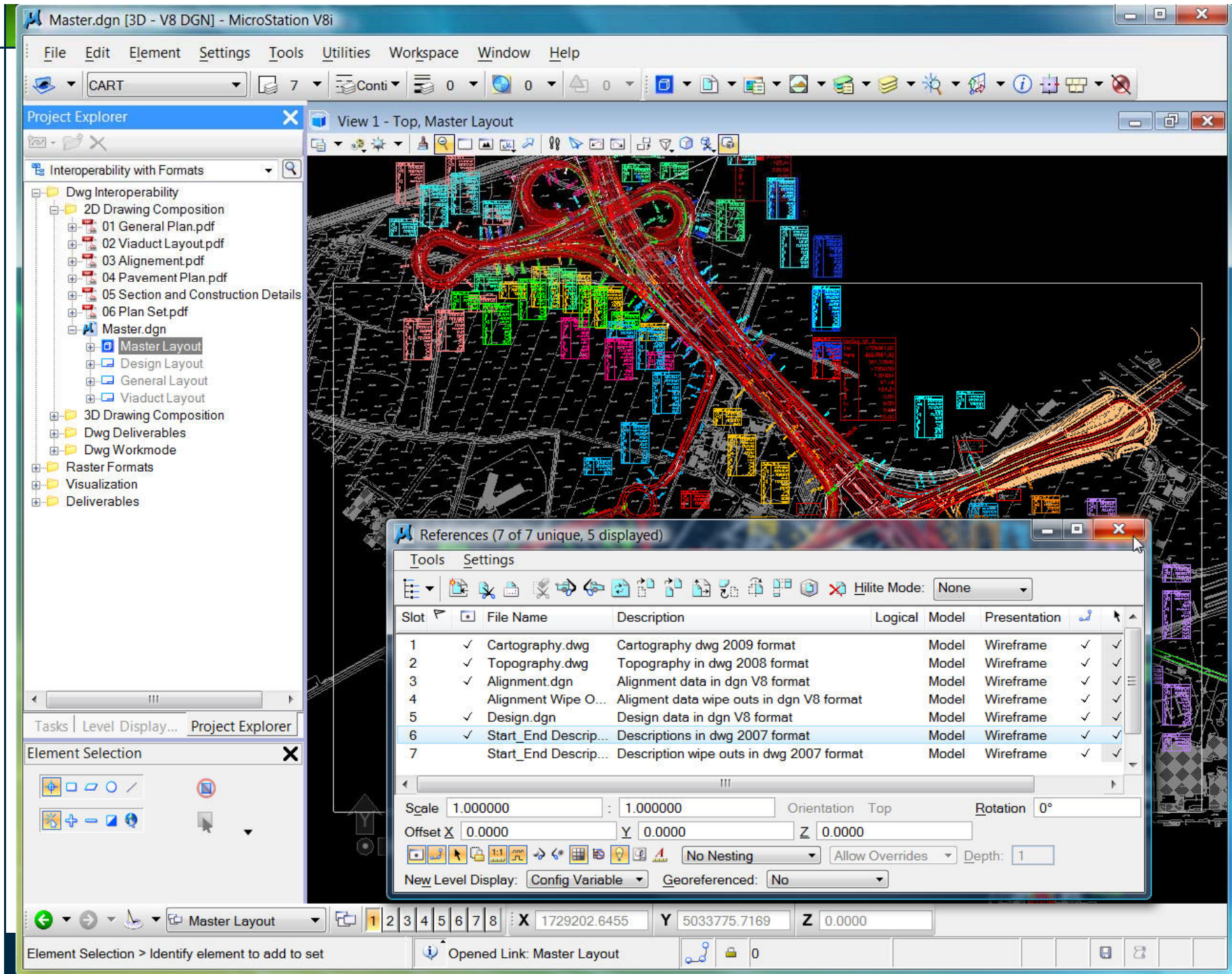
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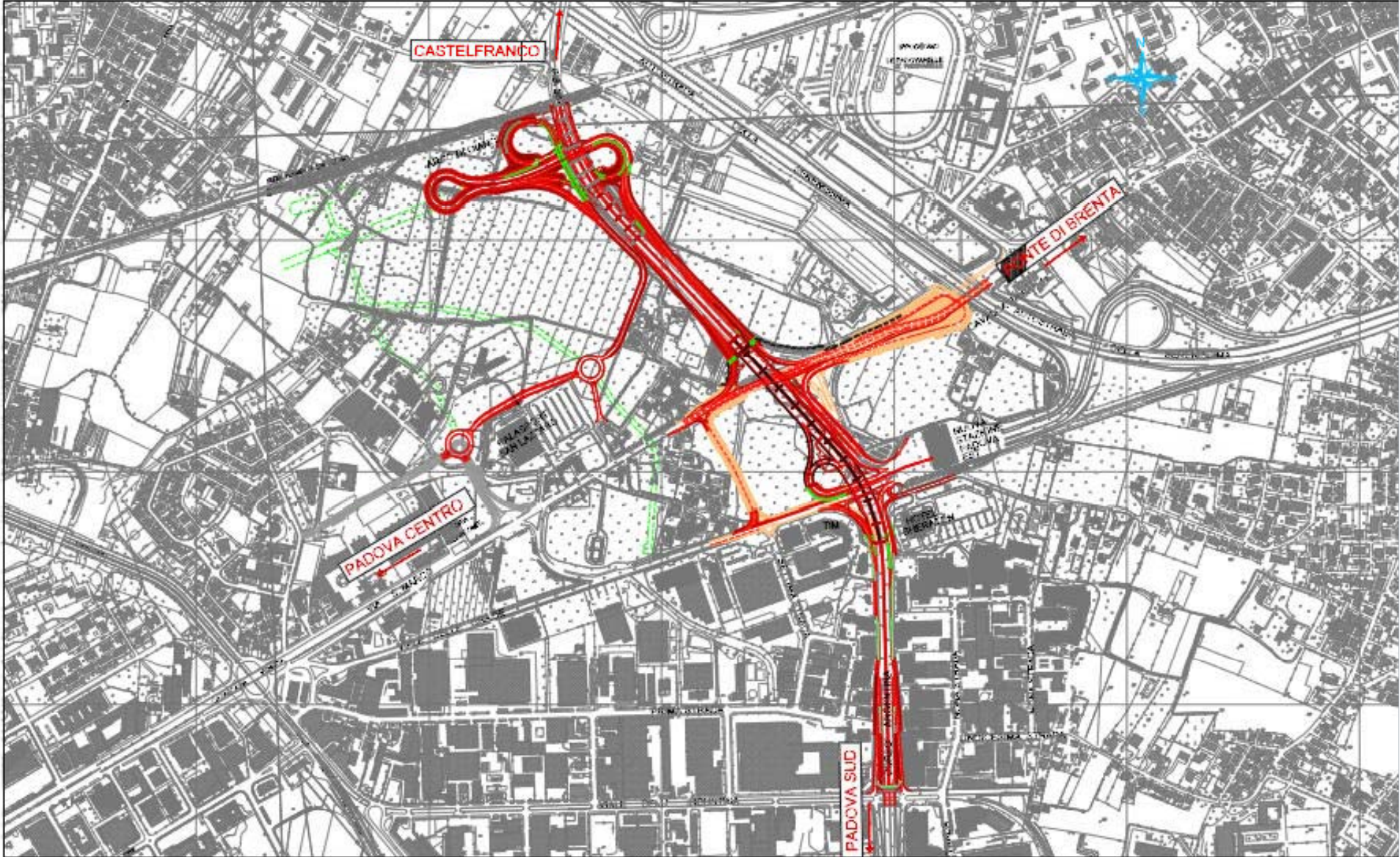


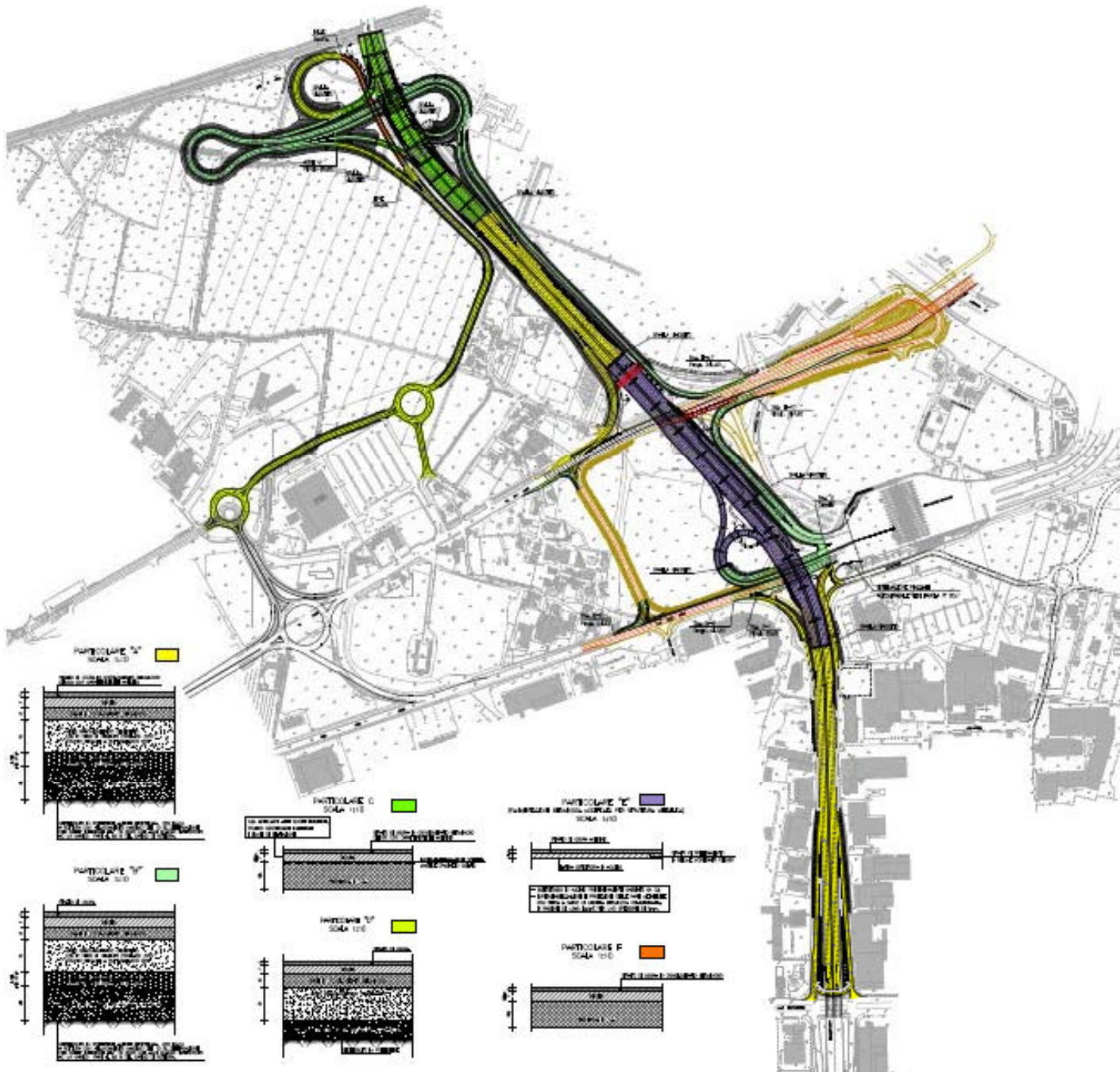
Why Interoperate?

- Share work efficiently across a multi-discipline team that has diverse project needs
- Develop designs accurately in full project context without unnecessary rework
- Maintain project intelligence and avoid lossy translations as information is transferred between applications

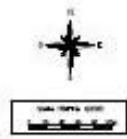


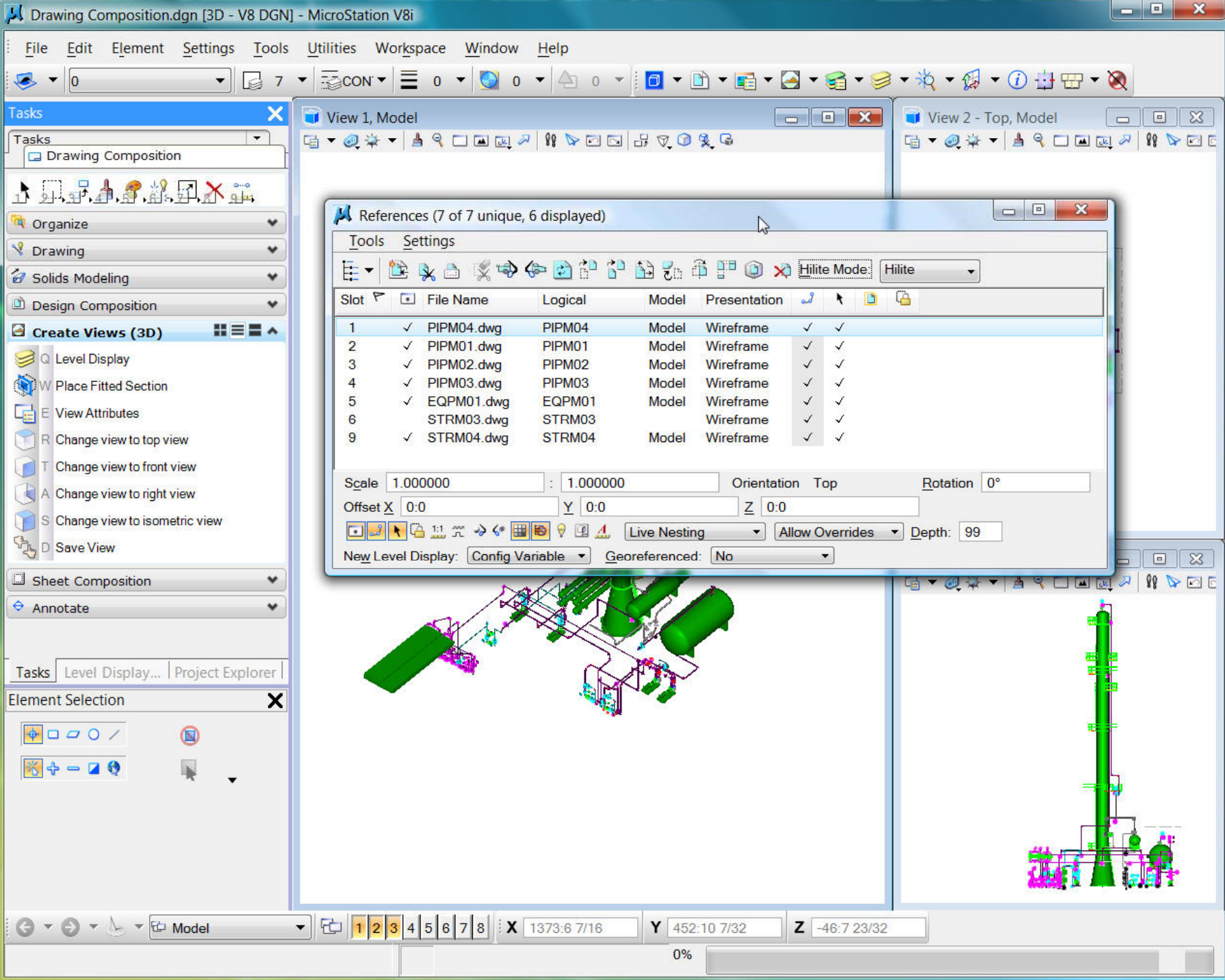






- LEGENDA
- INCROCIATO STRADALE 250 x 70'
 - INCROCIATO STRADALE 250 x 70'
 - INCROCIATO STRADALE 250 x 70'
 - INCROCIATO STRADALE 250 x 70'
 - INCROCIATO STRADALE 250 x 70'
 - INCROCIATO STRADALE 250 x 70'





References (42 of 42 unique, 24 displayed)

Tools Settings

Hilite Mode: Hilite

File Name	Description	Model	Presentation		
✓ ParkingScheme2.skp	SketchUp Parking Garage	Default	Wireframe	✓	✓
✓ ver_9.1_Roofmodel.3dm	Rhino Canopy Study	Default	Wireframe	✓	✓
TREES AND PEOPLE.dgn	DGN Trees and People		Wireframe	✓	✓
✓ ..\Shell181_GrTheater_layout.dgn	DGN Theater Layout	MASTER	Wireframe	✓	✓
✓ ..\ShellTERRRAIN.dgn	DGN Terrian Model	Default	Wireframe	✓	✓
TABLES and CHAIRS.dgn	DGN Tables and Chairs		Wireframe	✓	✓
✓ Cherry Garcia.dgn	DGN Massing Model	Default	Wireframe	✓	✓

Scale 1.000000 : 1.000000 Orientation Top Rotation -46.88°

Offset X 2974:1 1/8 Y -4288:11 1/4 Z 42:8 7/32

No Nesting Allow Overrides Depth: 1 New Level Display: Config Variable Georeferenced: No

Feature Modeling

Visualization

Q W E R T A S D F G

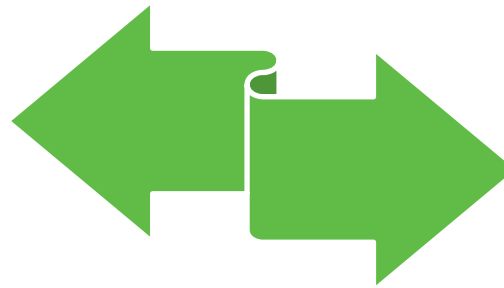
Tasks Level Displa... | Project Expl...

Element Selection

Element Selection > Settings Saved



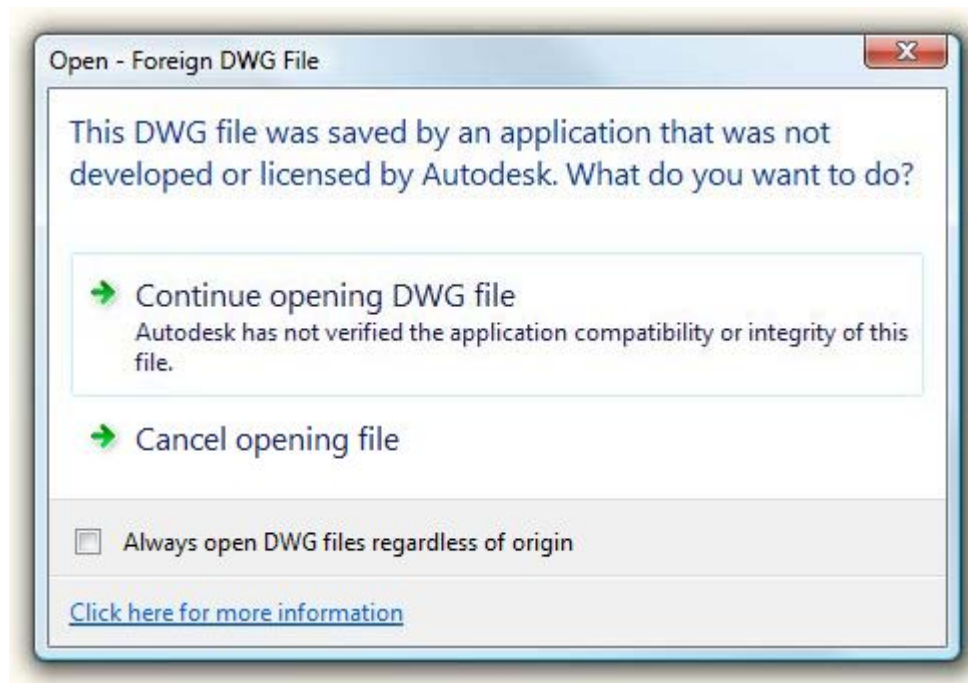
The Interoperability Agreement

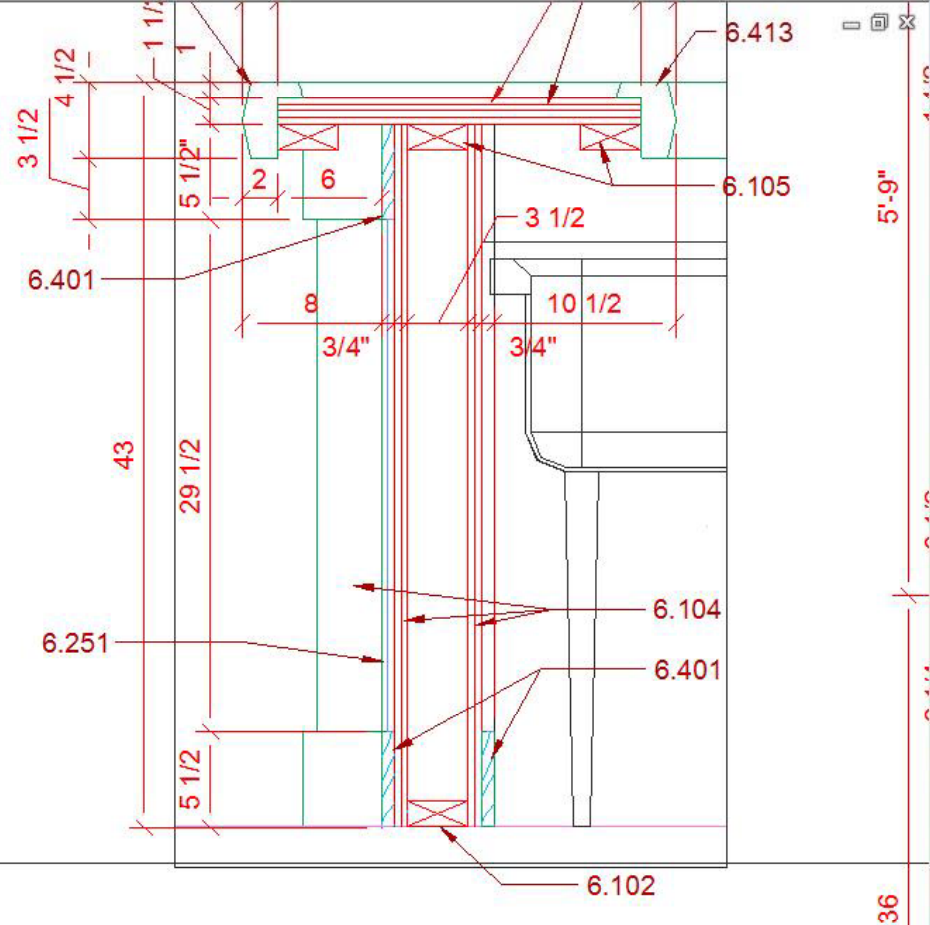
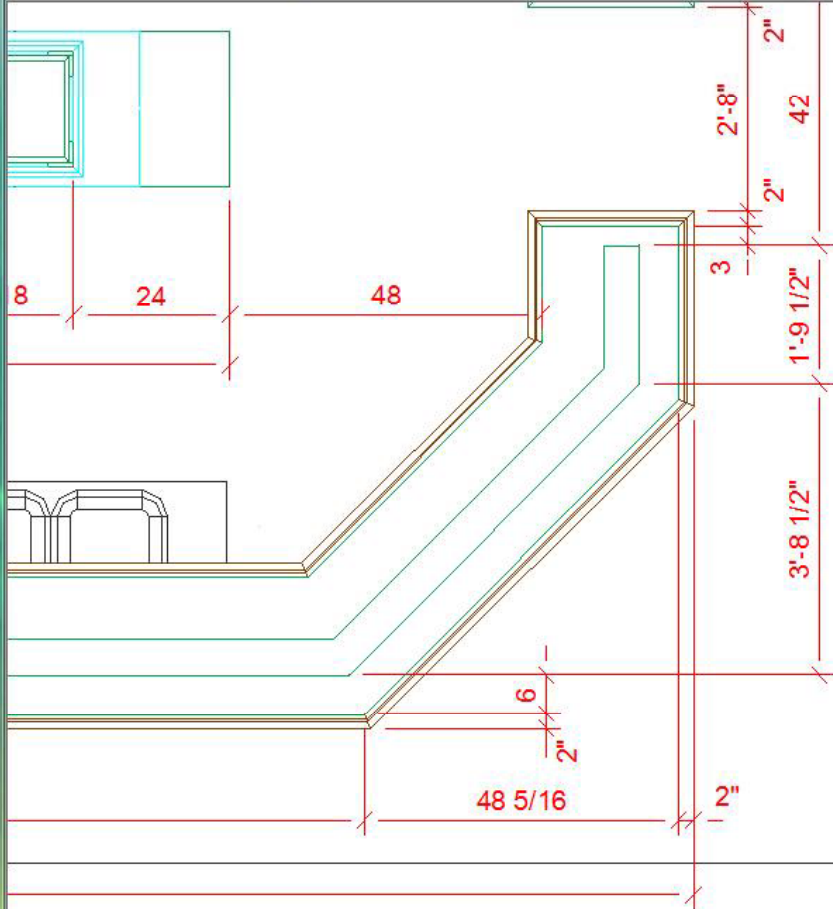


+
Object Enablers
APIs
Technical Support

+
Object Enablers
APIs
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V8i TrustedDWG

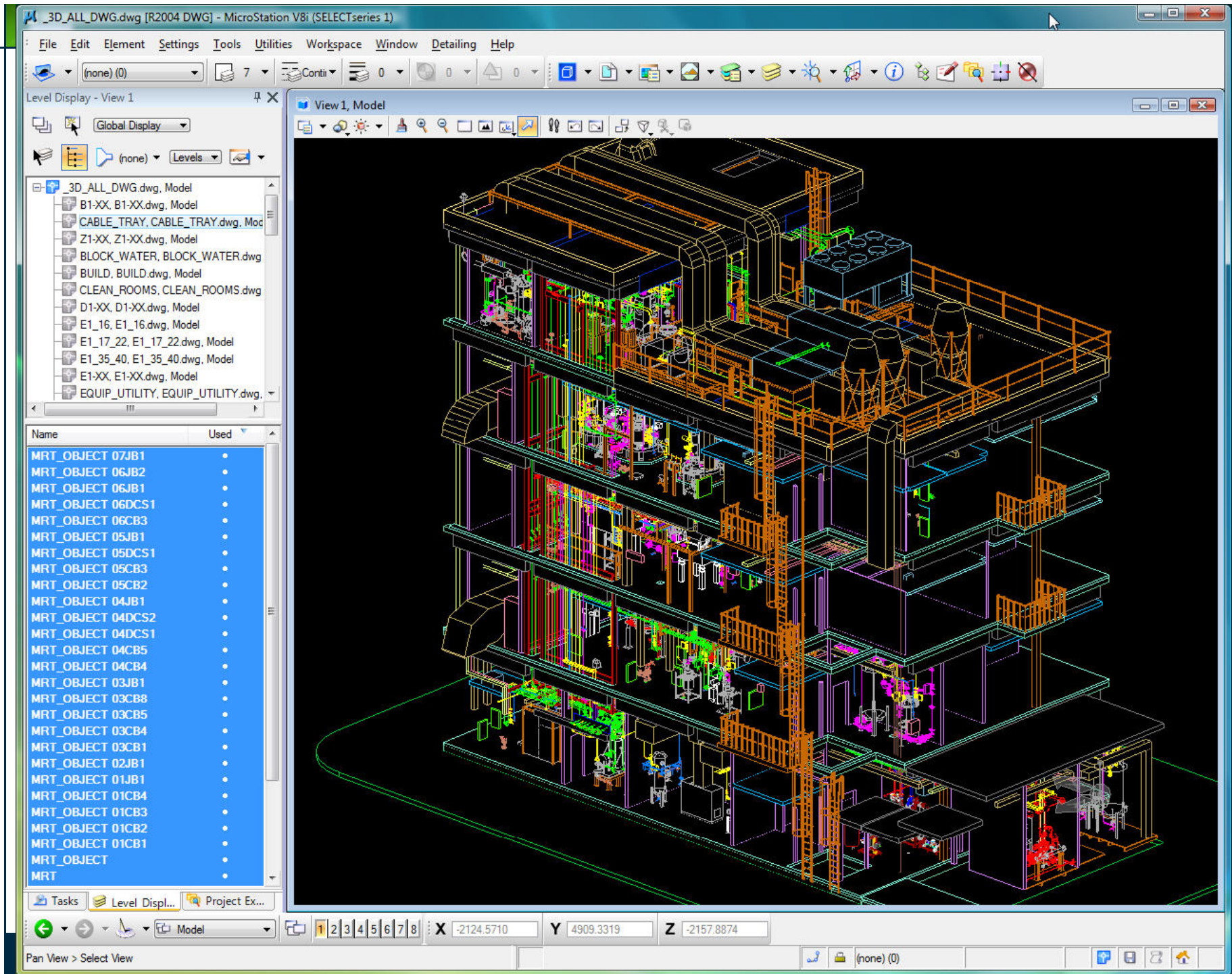




E3 **BAR SECTION**
A3.3 **SCALE: 1"=1'-0"**

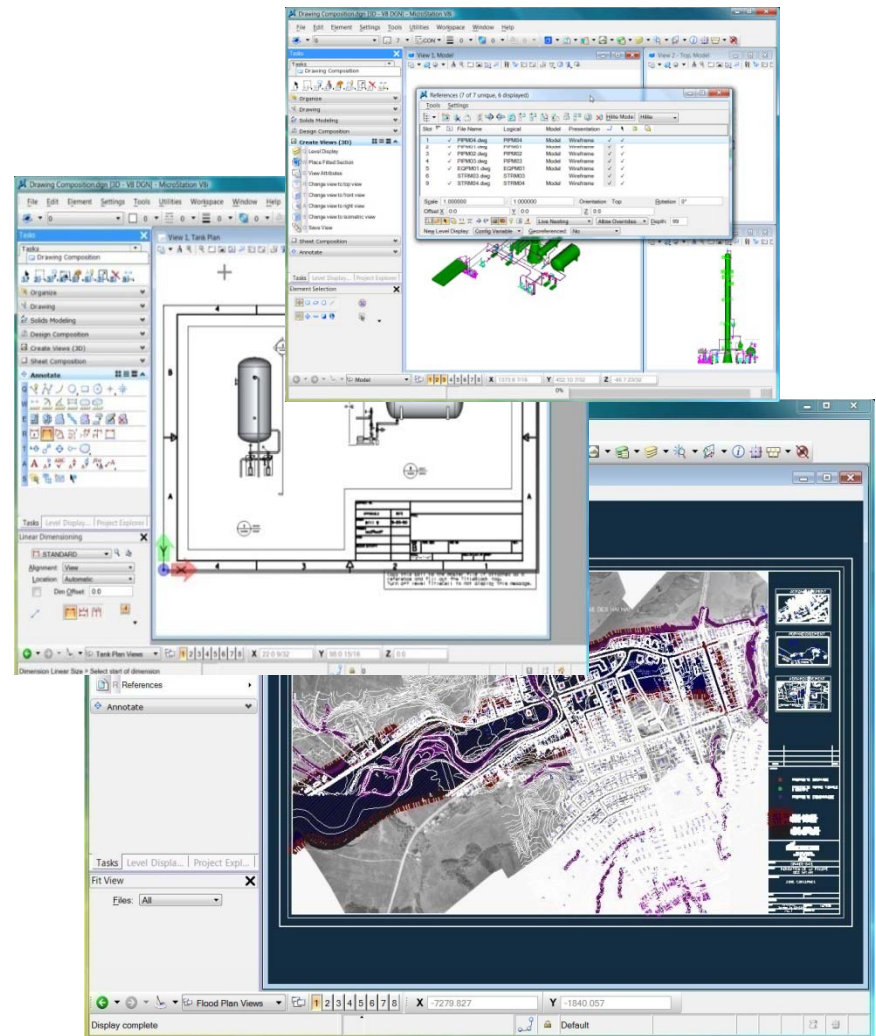
Model 24X36

Specify first corner: Specify opposite corner:
 Command: '_pan
 Press ESC or ENTER to exit, or right-click to display shortcut menu.
 Command:

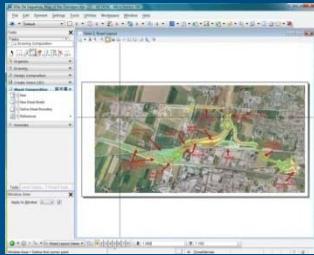


The Interoperability Advantage

- Improve Efficiency
 - Assemble information easily from multiple sources
 - Reuse assembled information
- Increase Quality
 - Read and write RealDWG files
 - Create better performing assets
- Save Money
 - Consolidate software
 - Reduce data translation cost
 - Eliminate need for re-work



MicroStation V8i Feature Detail

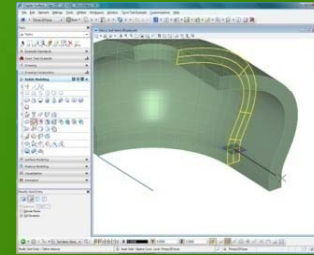


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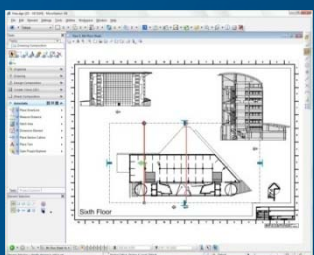


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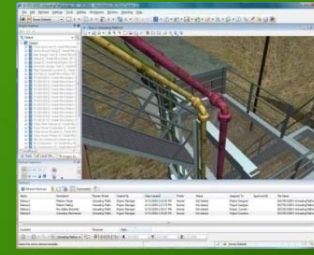


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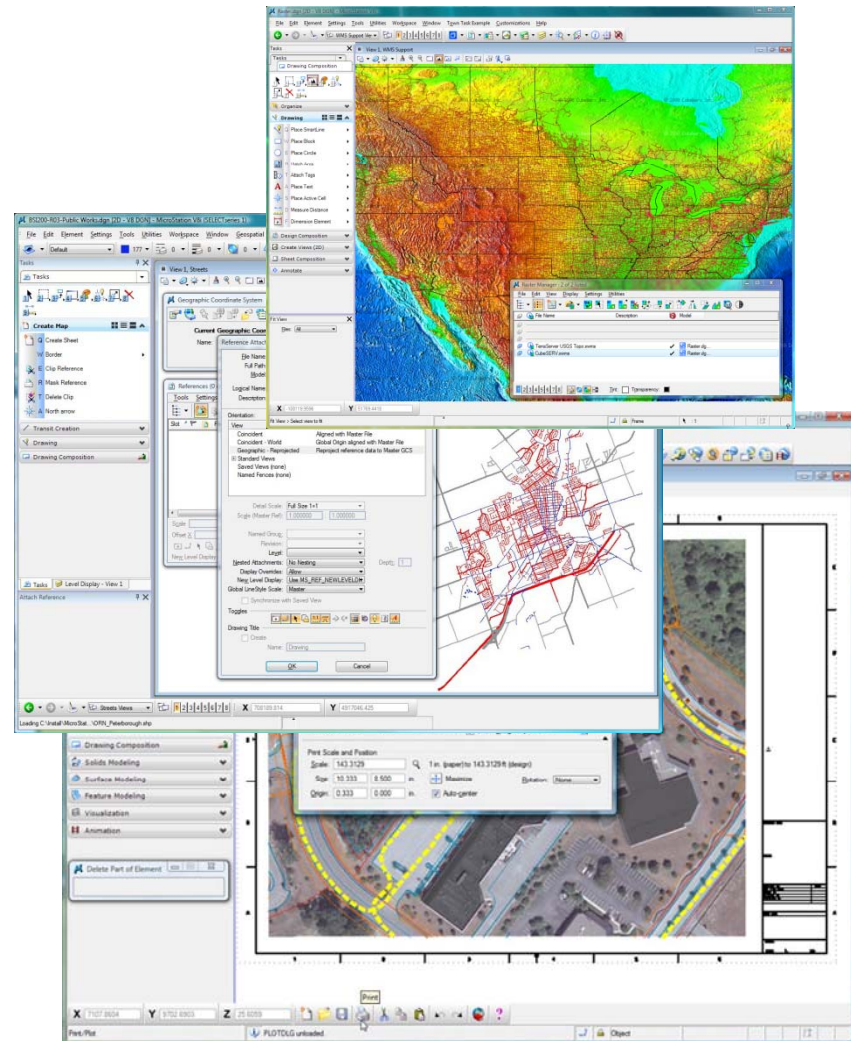
Insightful Design Review

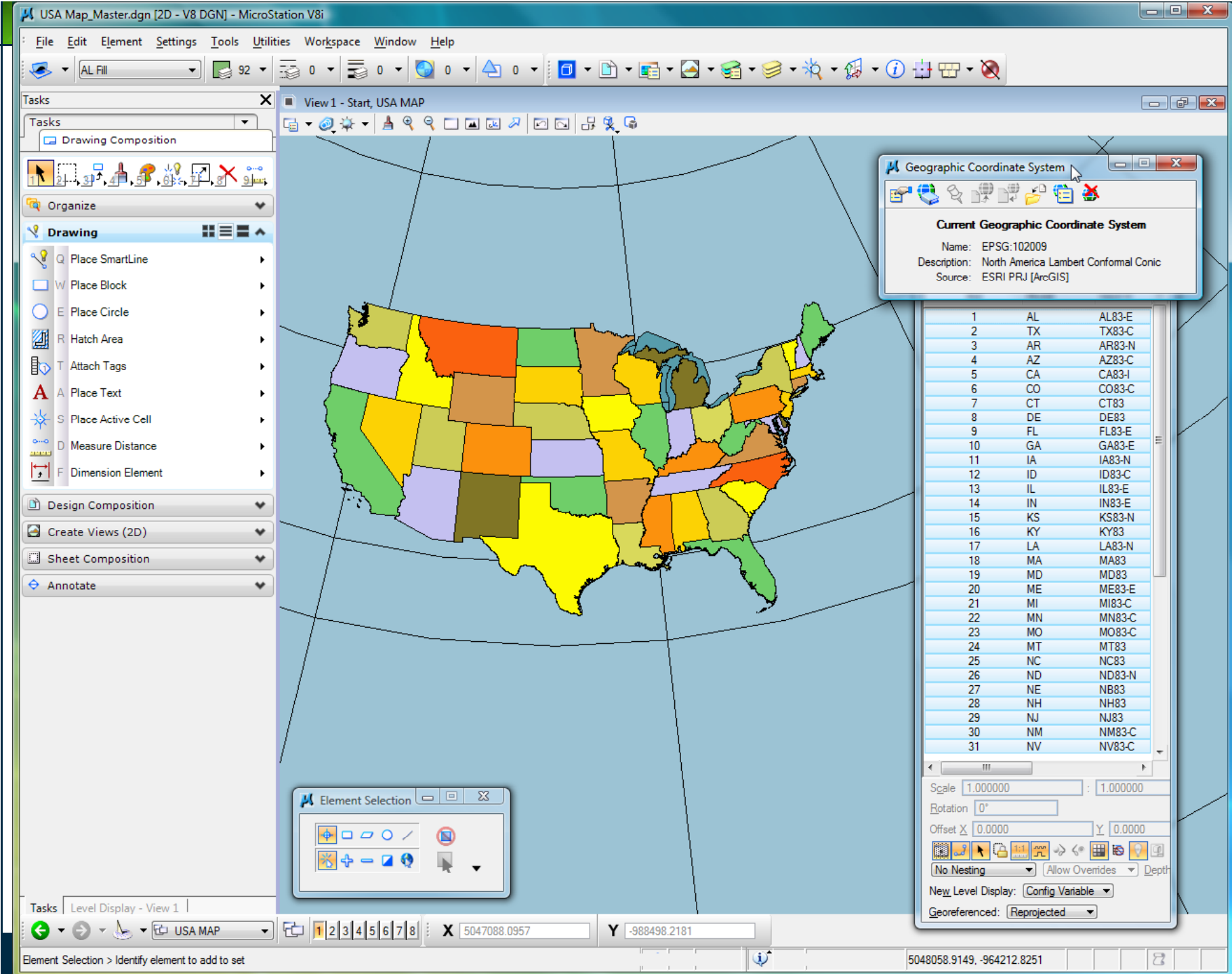
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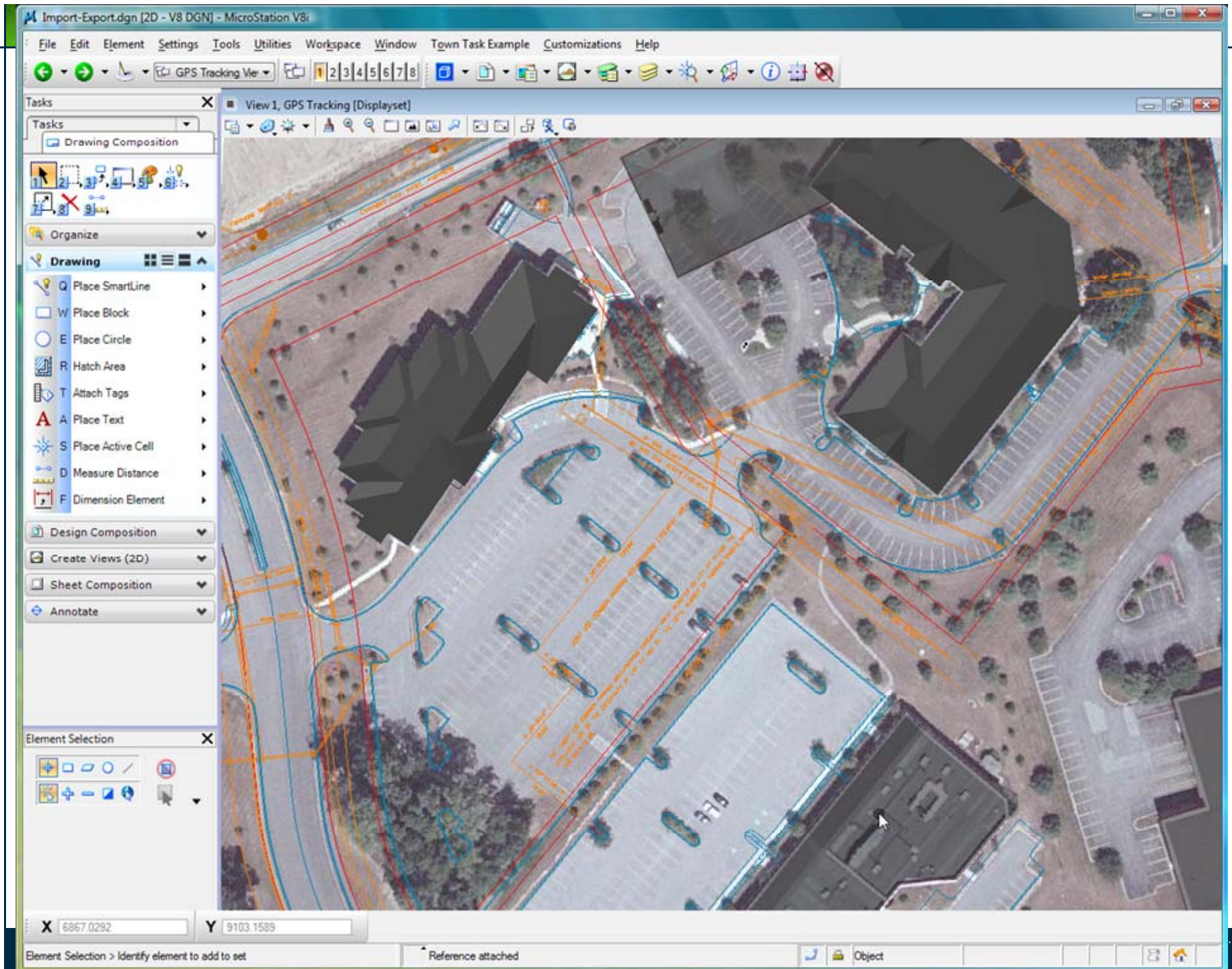


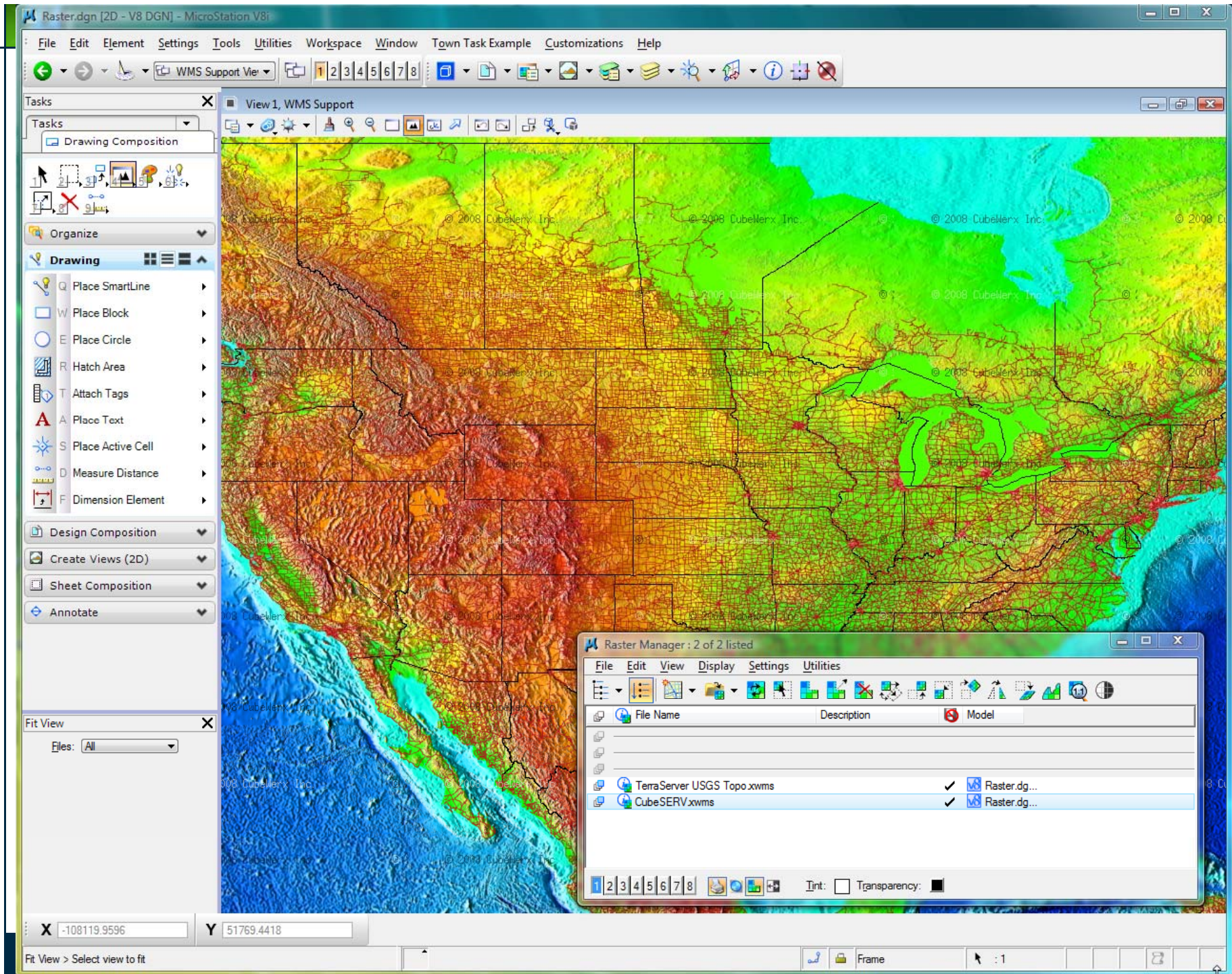
Why Geo-Coordinate Anything?

- Assemble information with multiple coordinate systems from multiple sources
- Align work accurately to create a reliable view of the design project in real-world context
- Avoid on-site coordination errors as project is constructed
- Create data-rich design and construction deliverables











Geographic Coordinate System

Current Geographic Coordinate System

Name: Azimuthal Equal Area
Description:
Source: From Geographic Placemarks

Global Positioning System

Settings Status Position

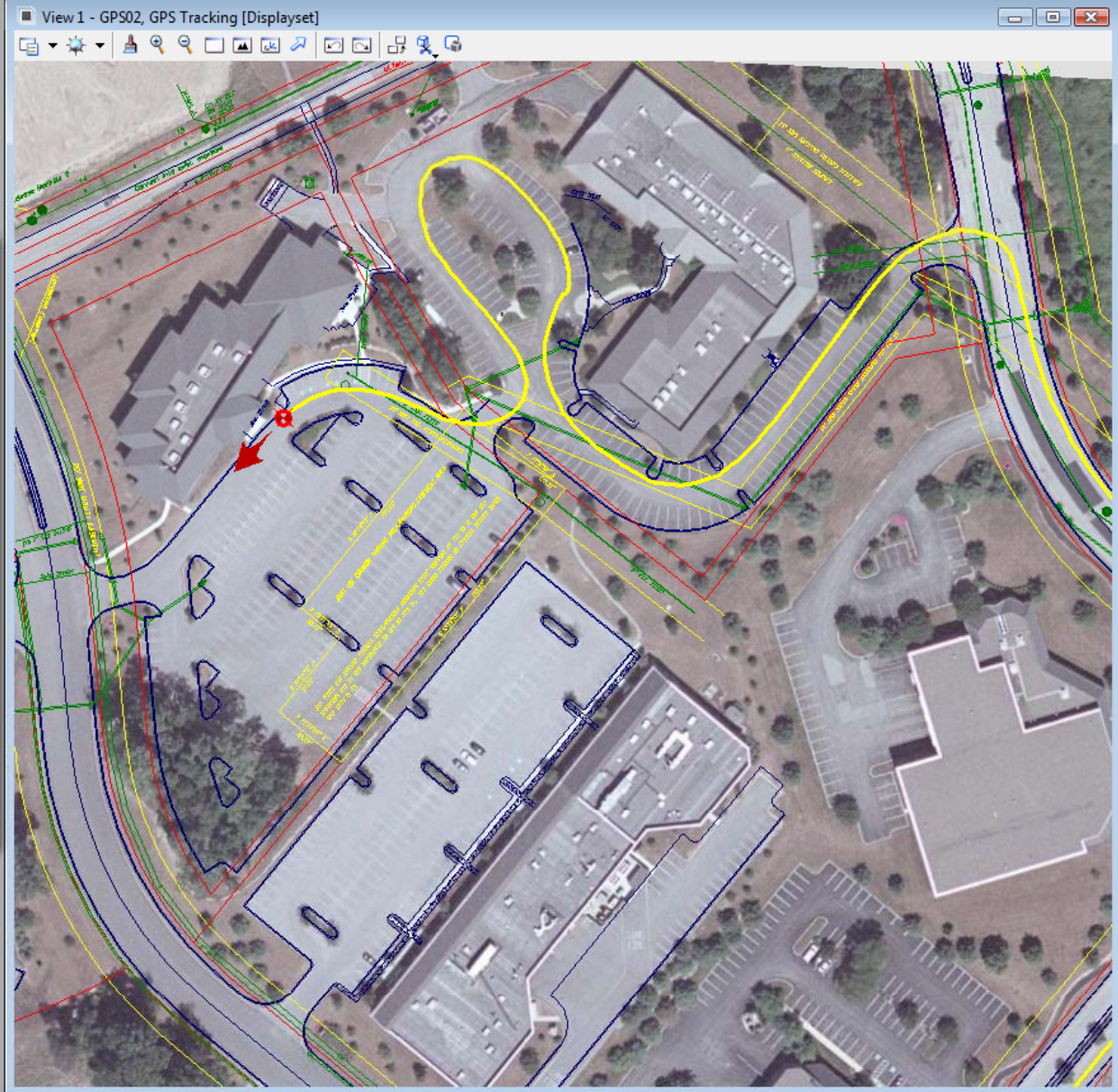
Sky Plot

Satellites	Signal
22	44
14	41
18	39
30	37
12	36
31	41
9	28
11	
32	14

Raw Data

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SGPRMC,112053.000,A,4003.9241,N,07541.2572,W,6.57,21  
SGPGGA,112054.000,4003.9233,N,07541.2580,W,1.07,1.2,1  
SGPGSA,A,3,30,22,18,14,12,09,31,,,,,2.2,1.2,1.9*3E  
SGPGSV,3,1,09,22,80,153,43,14,62,318,41,18,38,136,39,30,  
SGPGSV,3,2,09,12,32,077,38,31,24,222,41,09,22,046,26,11,  
SGPGSV,3,3,09,32,00,312,14*44  
SGPRMC,112054.000,A,4003.9233,N,07541.2580,W,2.50,21
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Element Selection

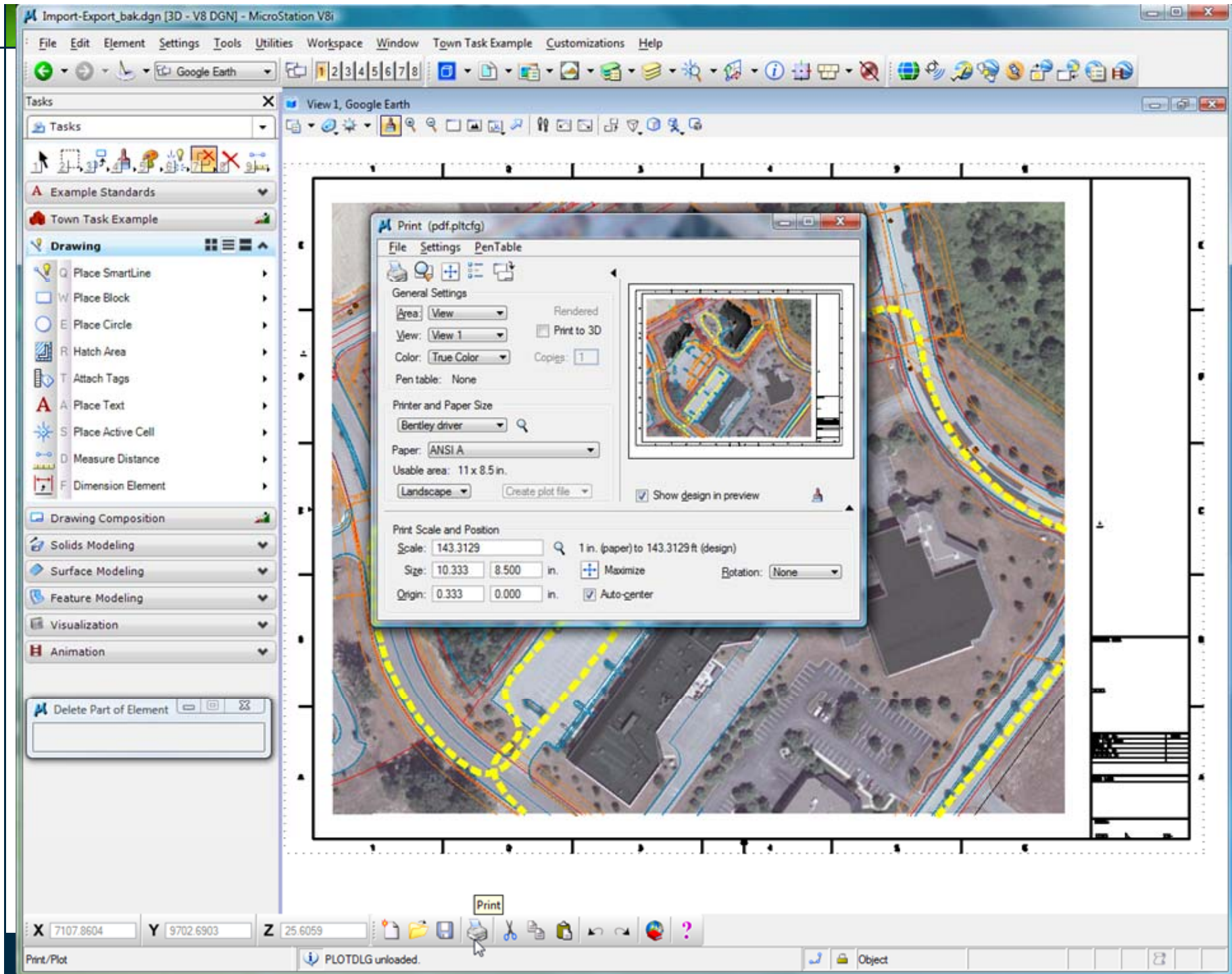


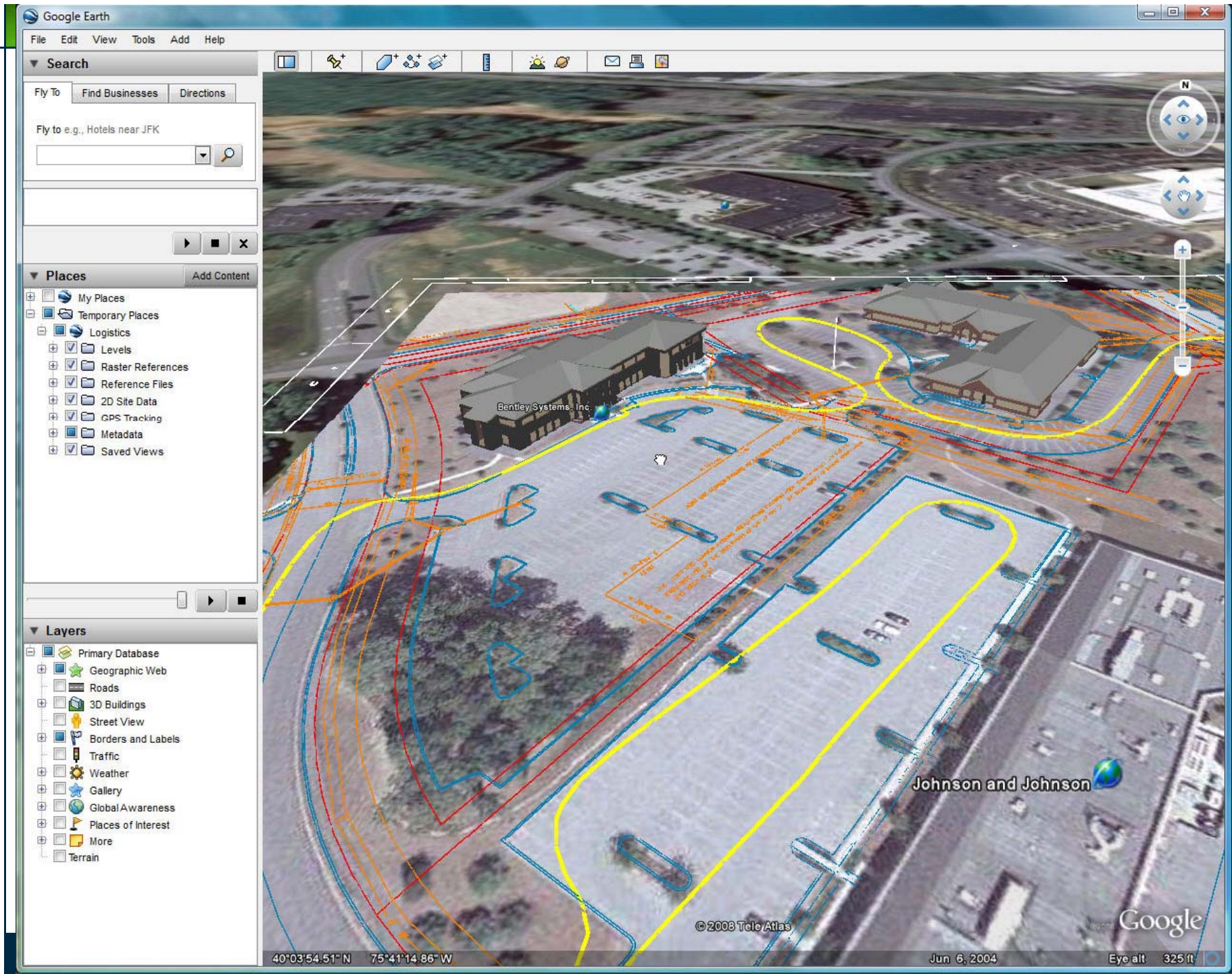
X 7474.8914 Y 8903.3808

Display complete

Saved point 286 based on area

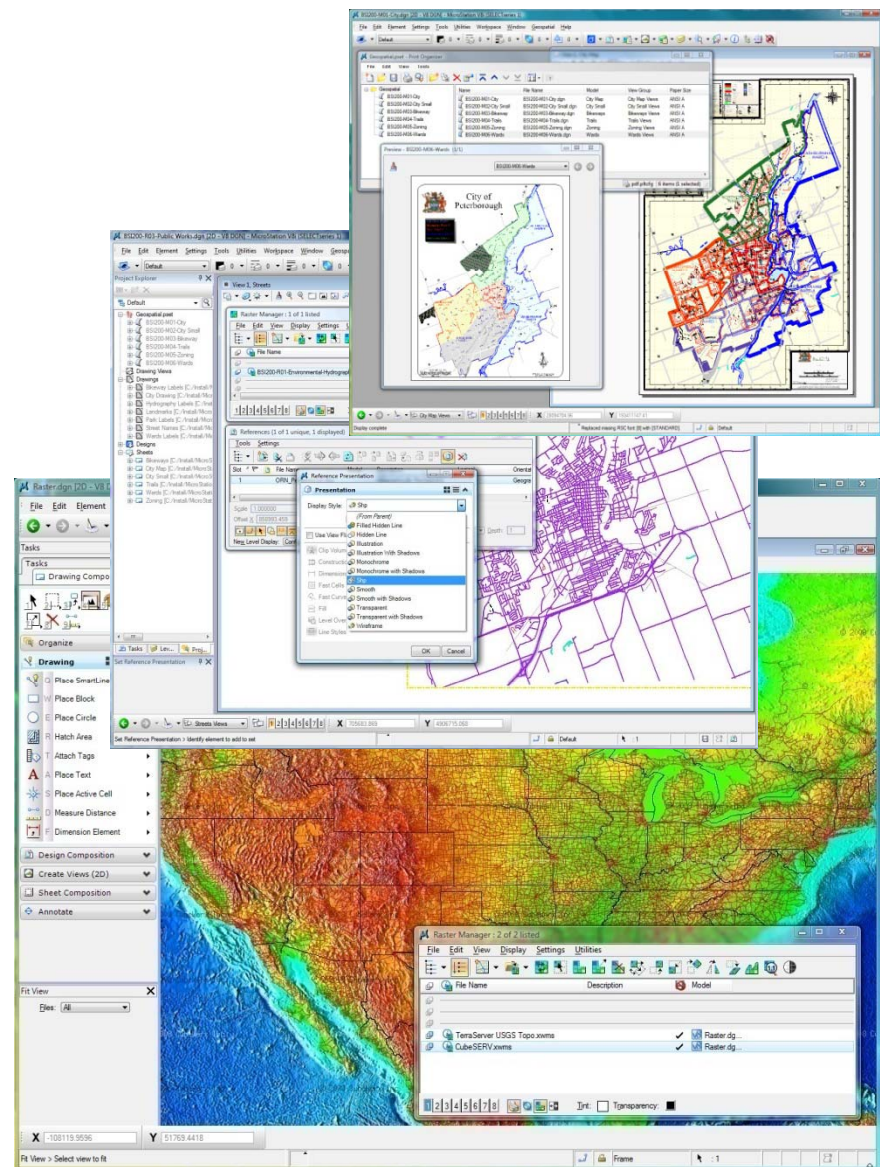
Misc Data



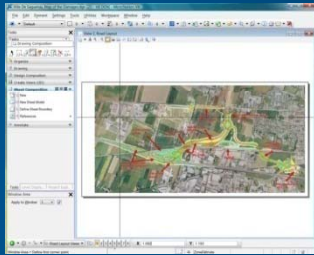


The Intrinsic Advantage

- Save Time
 - Streamline process
 - Reuse native data
 - Avoid doing things twice
- Improve Quality
 - Add Geo-Context to PDF's
 - Enhance data richness
- Reduce Risk
 - Eliminate mistakes on site



MicroStation V8i Feature Detail

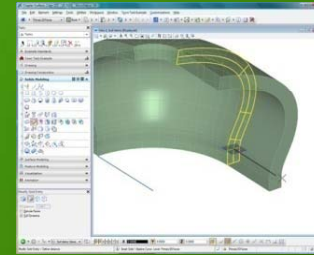


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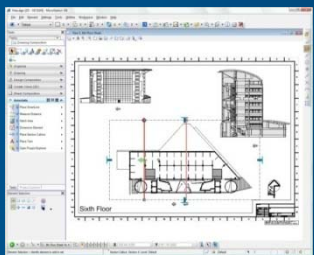


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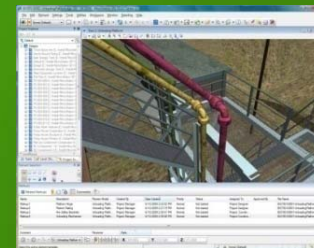


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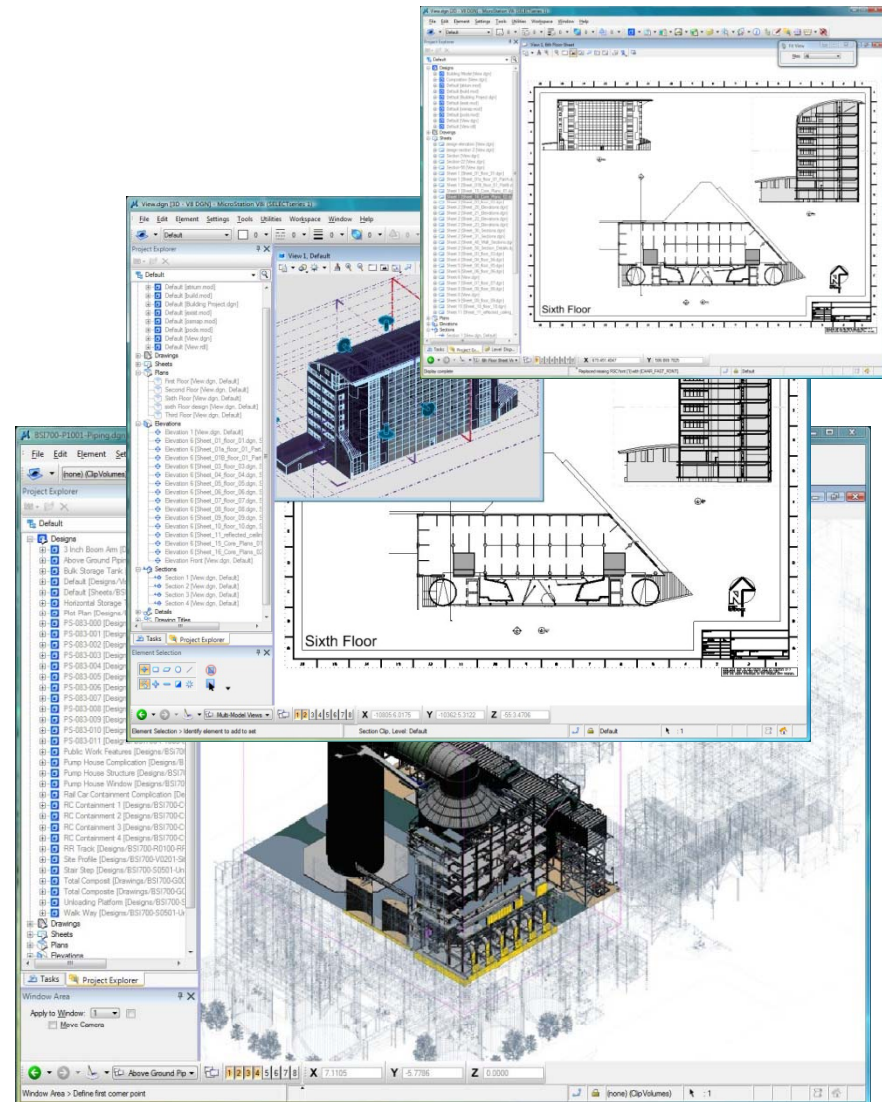
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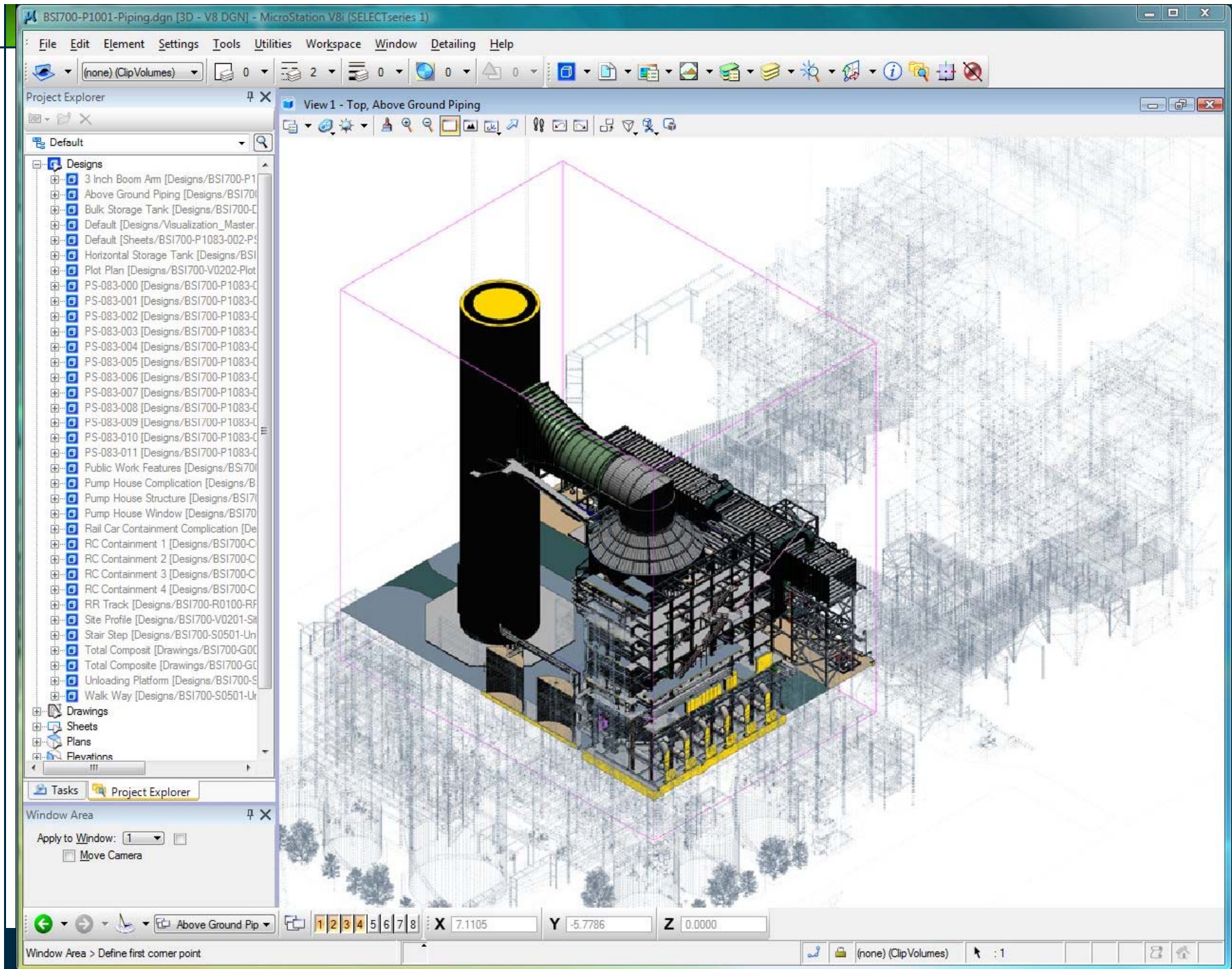
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Why Use Dynamic Views?

- Synchronize models and drawings to coordinate deliverables
- Simplify and automate the drawing composition process
- Improve drawing package production efficiencies
- Make project information reliable across all design and drawing files
- Slice and filter 3D models to remove clutter and simplify view





View.dgn [3D - V8 DGN] - MicroStation V8i (SELECTseries 1)

File Edit Element Settings Tools Utilities Workspace Window Help

Project Explorer

- Default
 - Default [atrium.mod]
 - Default [build.mod]
 - Default [Building Project.dgn]
 - Default [exist.mod]
 - Default [psmap.mod]
 - Default [pods.mod]
 - Default [View.dgn]
 - Default [View.rdl]
- Drawings
- Sheets
- Plans
 - First Floor [View.dgn, Default]
 - Second Floor [View.dgn, Default]
 - Sixth Floor [View.dgn, Default]
 - sixth floor design [View.dgn, Default]
 - Third Floor [View.dgn, Default]
- Elevations
 - Elevation 1 [View.dgn, Default]
 - Elevation 6 [Sheet_01_floor_01.dgn, S
 - Elevation 6 [Sheet_01a_floor_01_Part
 - Elevation 6 [Sheet_01B_floor_01_Part
 - Elevation 6 [Sheet_03_floor_03.dgn, S
 - Elevation 6 [Sheet_04_floor_04.dgn, S
 - Elevation 6 [Sheet_05_floor_05.dgn, S
 - Elevation 6 [Sheet_06_floor_06.dgn, S
 - Elevation 6 [Sheet_07_floor_07.dgn, S
 - Elevation 6 [Sheet_08_floor_08.dgn, S
 - Elevation 6 [Sheet_09_floor_09.dgn, S
 - Elevation 6 [Sheet_10_floor_10.dgn, S
 - Elevation 6 [Sheet_11_reflected_ceilin
 - Elevation 6 [Sheet_15_Core_Plans_01
 - Elevation 6 [Sheet_16_Core_Plans_02
 - Elevation Front [View.dgn, Default]
- Sections
 - Section 1 [View.dgn, Default]
 - Section 2 [View.dgn, Default]
 - Section 3 [View.dgn, Default]
 - Section 4 [View.dgn, Default]
- Details
- Drawinn Titles

Tasks Project Explorer

Element Selection

Multi-Model Views

X -10805.6.0175 Y -10362.5.3122 Z -55.3.4706

Element Selection > Identify element to add to set

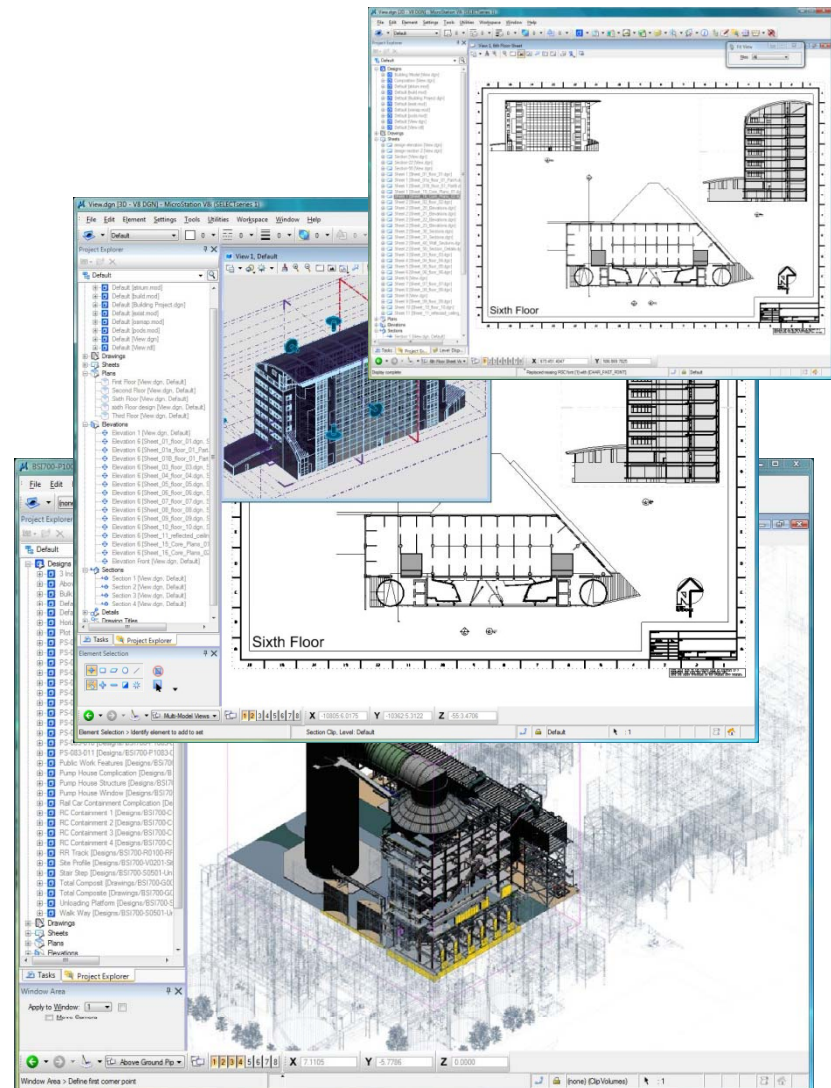
Section Clip, Level: Default

Default

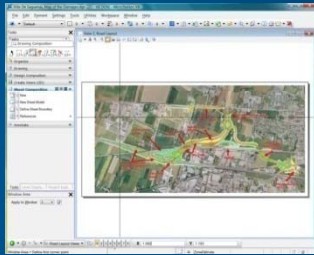
: 1

The Dynamic Views Advantage

- Save Time
 - Automate 3D/2D updates
 - Eliminate repetitive tasks
 - Streamline drawing composition
 - Simplify user interaction
- Save Money
 - Improve productivity
 - Reduce risk of errors
- Improve Quality
 - Make design information reliable
 - Produce data-rich deliverables



MicroStation V8i Feature Detail

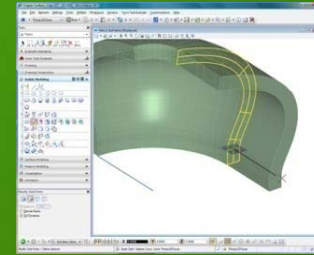


Interoperable Software

- Trusted RealDWG support
- Reference 50+ image types
- Object Enabler support
- Rhino 3DM, SketchUp SKP
- 3DS, Google Earth KML
- ProjectWise integration

Intuitive Design Modeling

- Push-Pull solids editing
- Freeform surface creation
- Generative Design
- 3D Printing Support
- Flexible mesh modeling
- Place Google Content

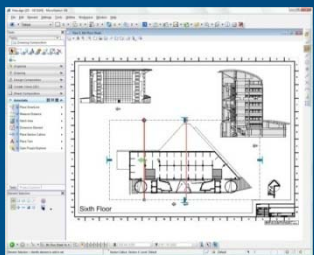


Intrinsic Geo-Coordination

- Geospatial Referencing
- Simple AEC Transformation
- OGC Web Map Server support
- GPS Device Integration
- Create Geo-Coordinated PDF
- Reference ESRI SHP Files
- Google Earth Integration

Iterative Luxology Rendering

- Near real-time realistic rendering
- Point-and-shoot simplicity
- Rich Photorealistic Content (RPC)
- Distributed/networked rendering
- Professional quality animation
- Multi-core support for 32 processors

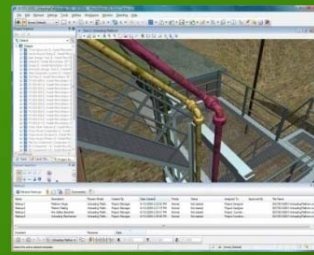


Interactive Dynamic Views

- Simplify 3D experience
- Slice and filter 3D models
- Streamline Drawing Composition
- Drag and drop views
- Automate drawing updates
- Update linked annotation

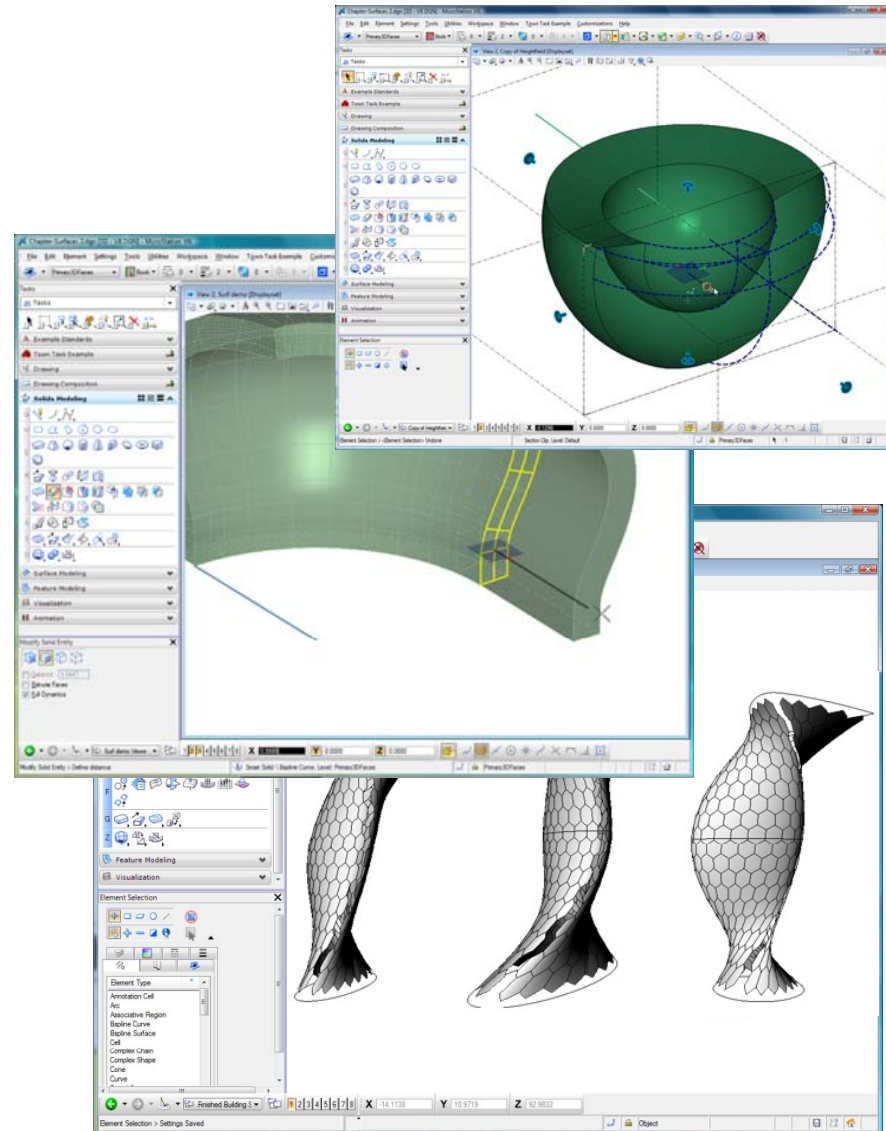
Insightful Design Review

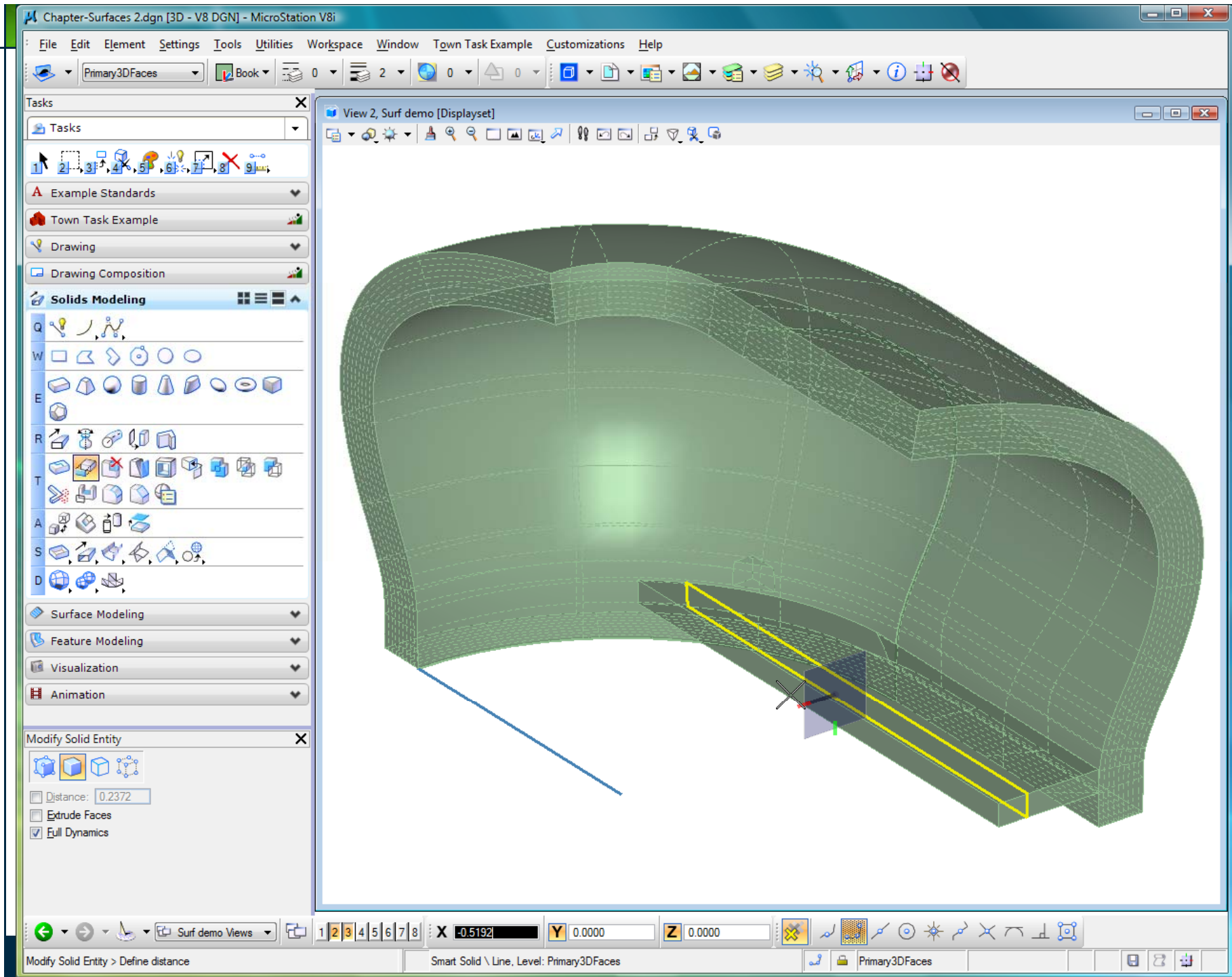
- Create or manage markups
- Overlay markup files
- Publish i-models for review
- Approve/reject comments
- View status/notifications

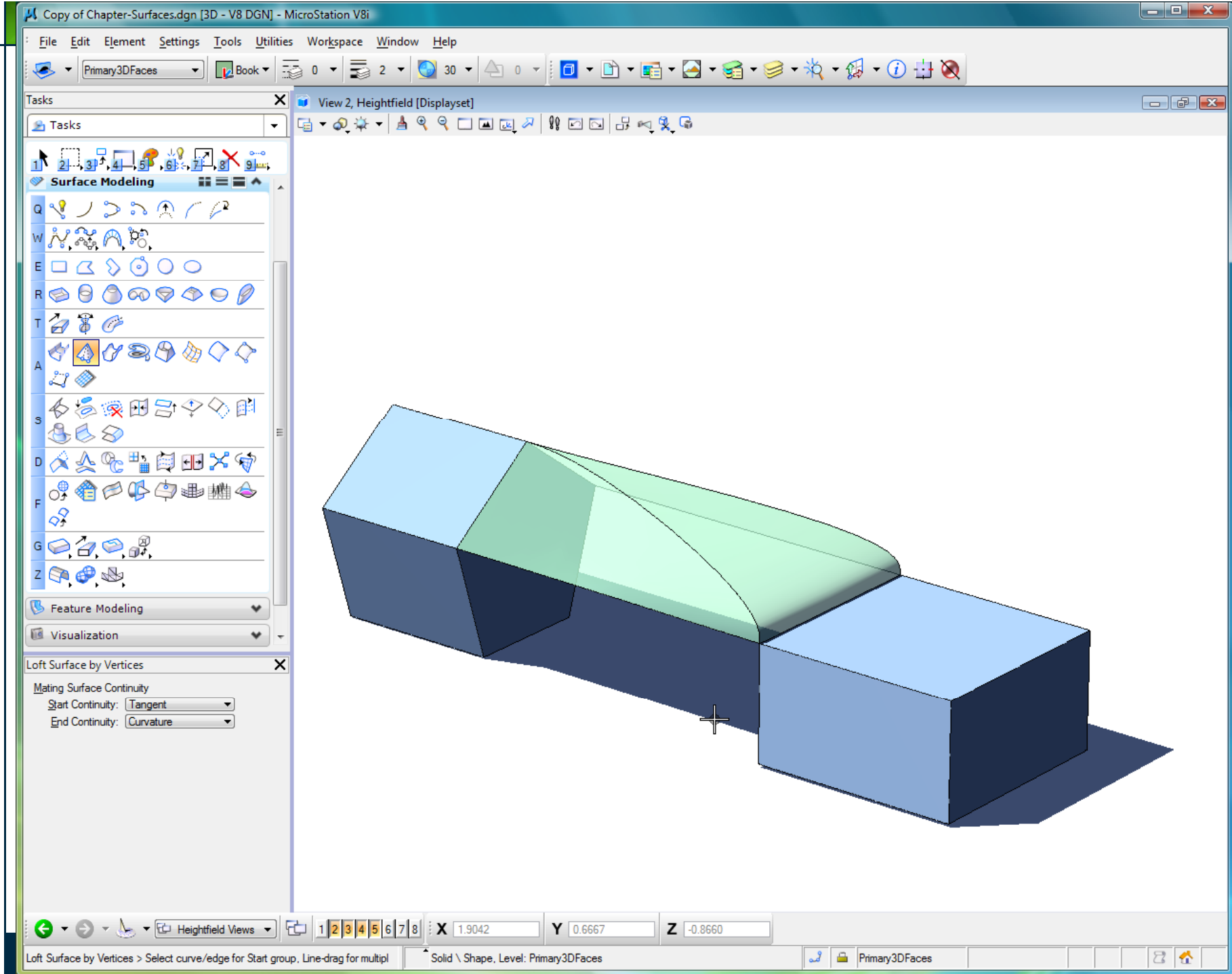


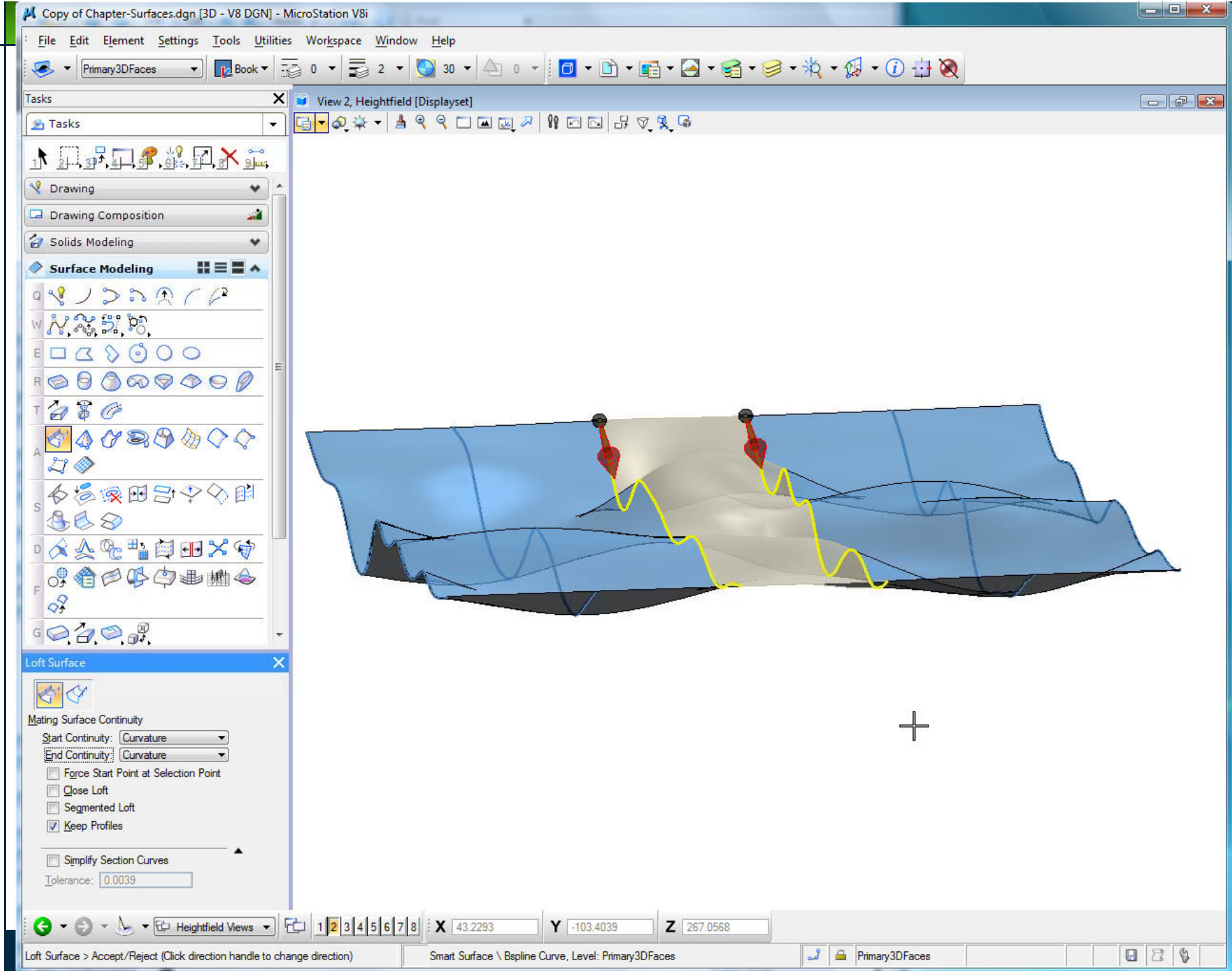
Why Make It “Intuitive”?

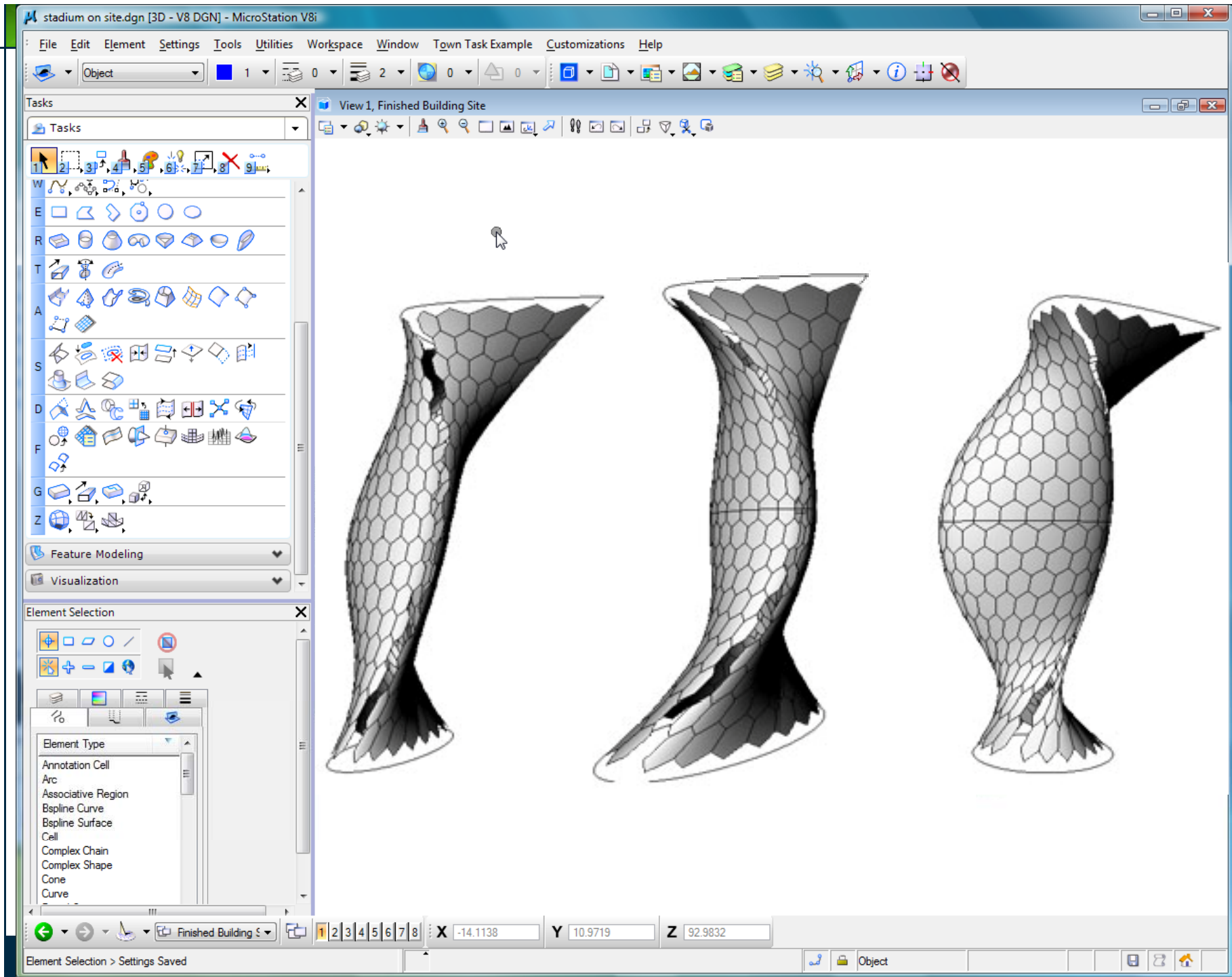
- Satisfy all modeling needs using a single 3d modeling application
- Move models from one design stage to the next without lossy translations
- Model intuitively to create more versatile design models
- Edit models by simply pushing on and pulling at 3d faces
- Generate parametric design models for rapid iteration through design options

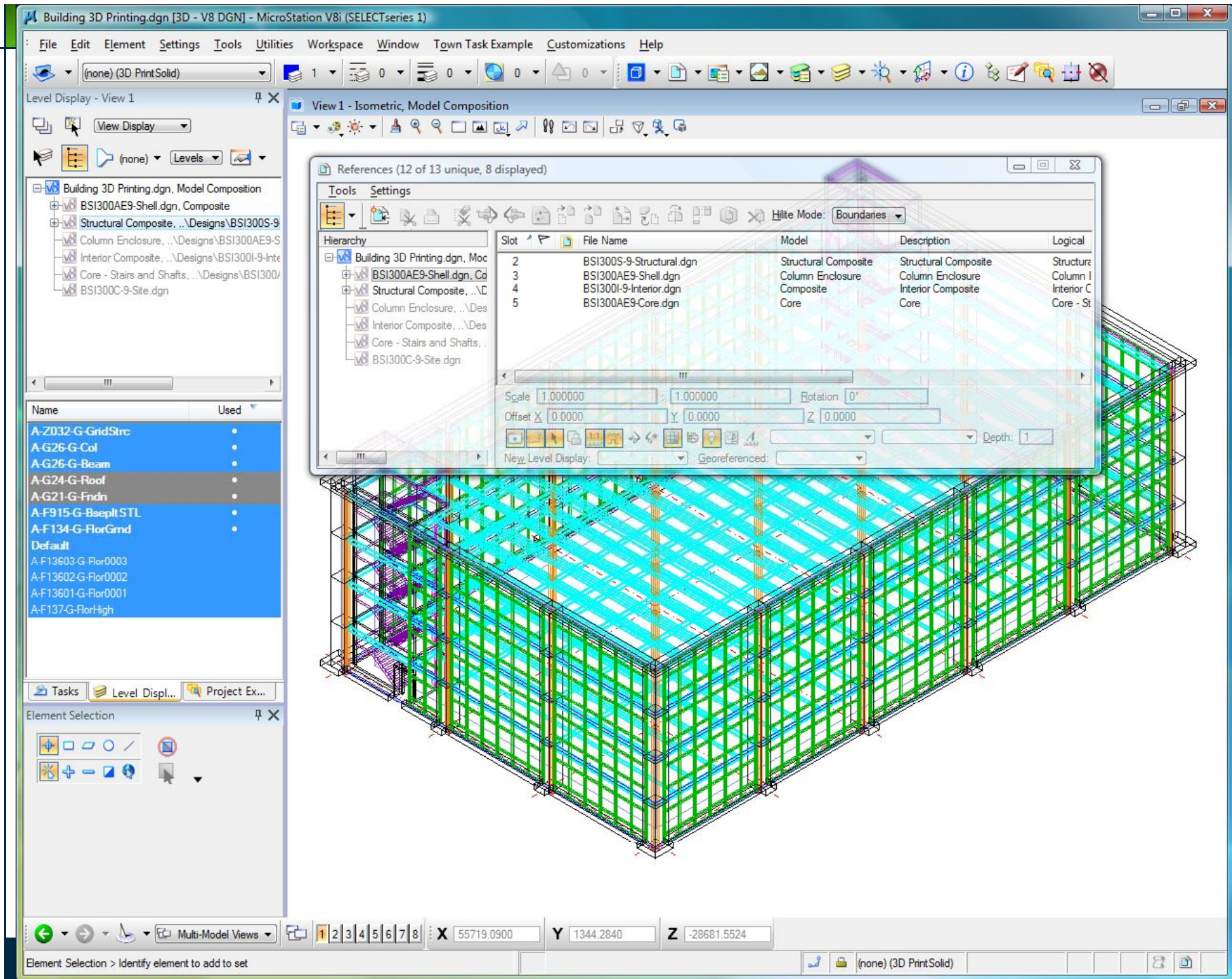


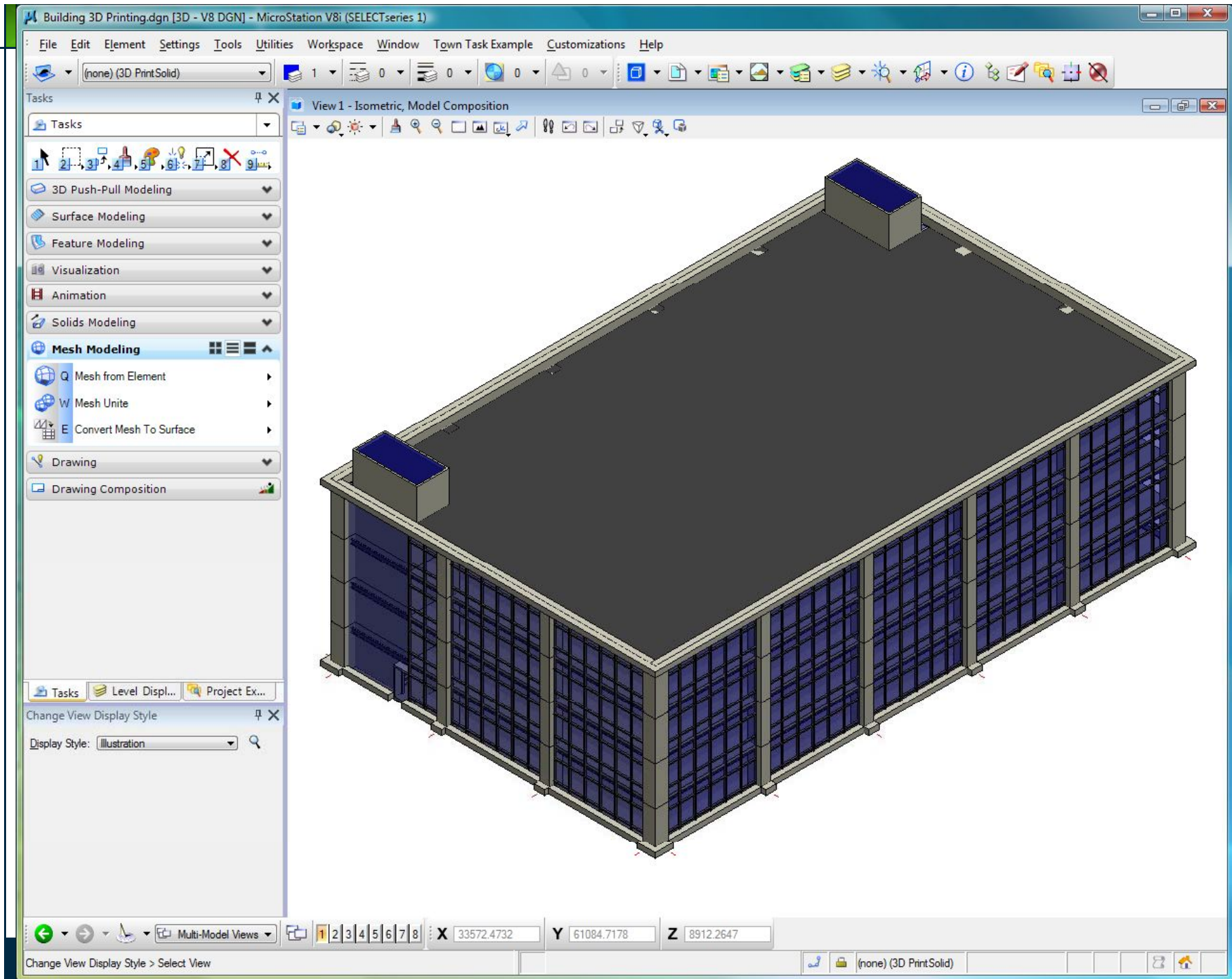


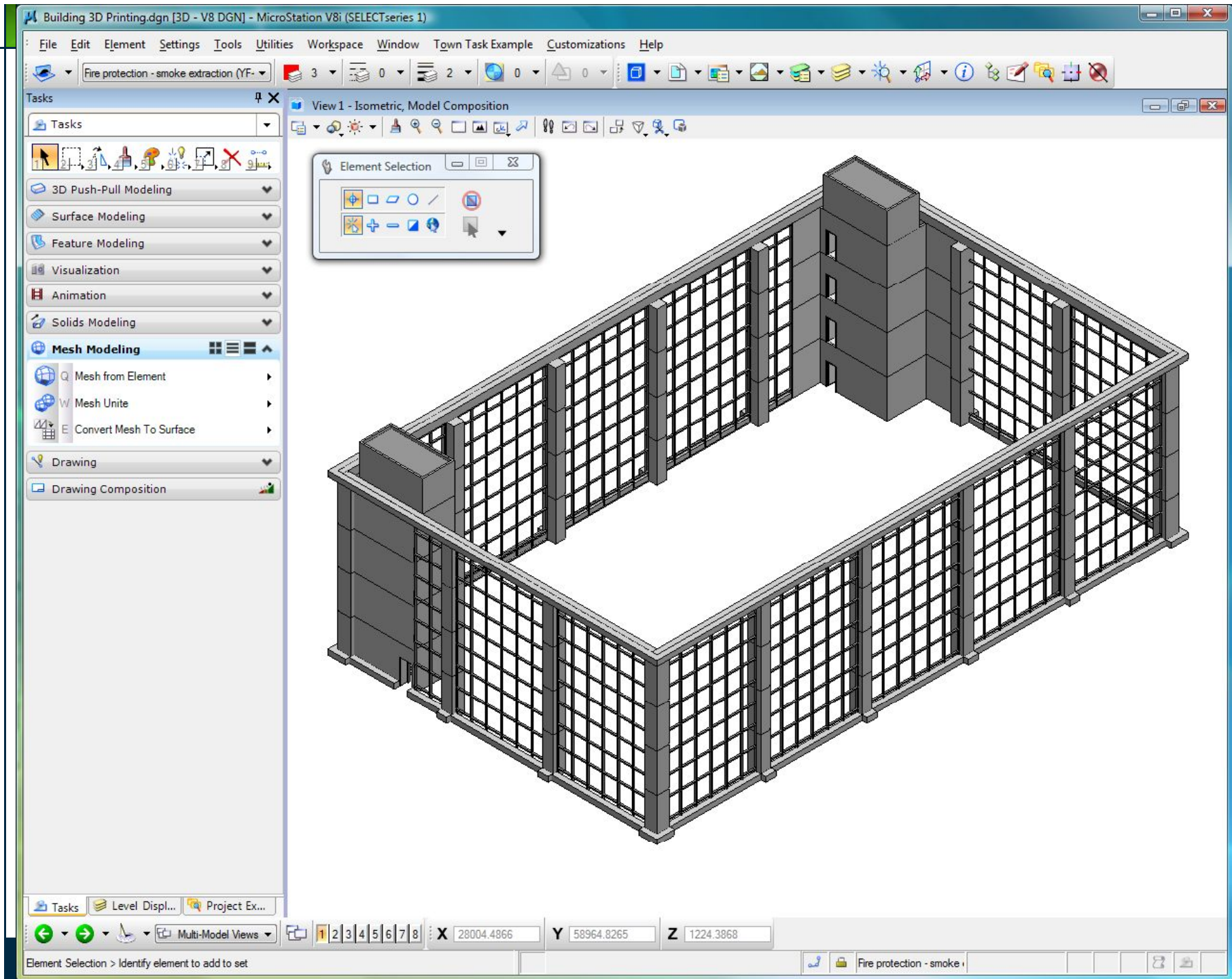


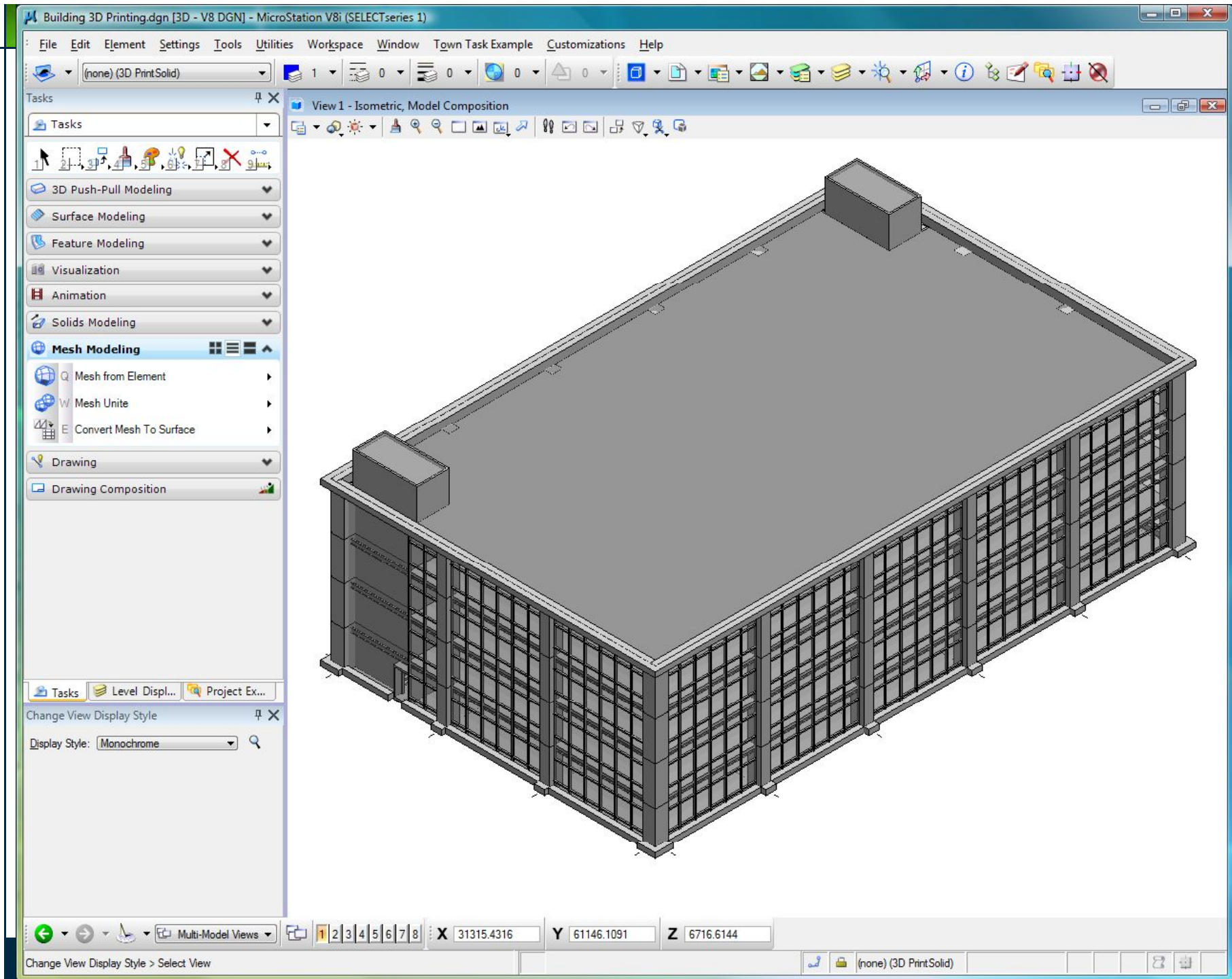


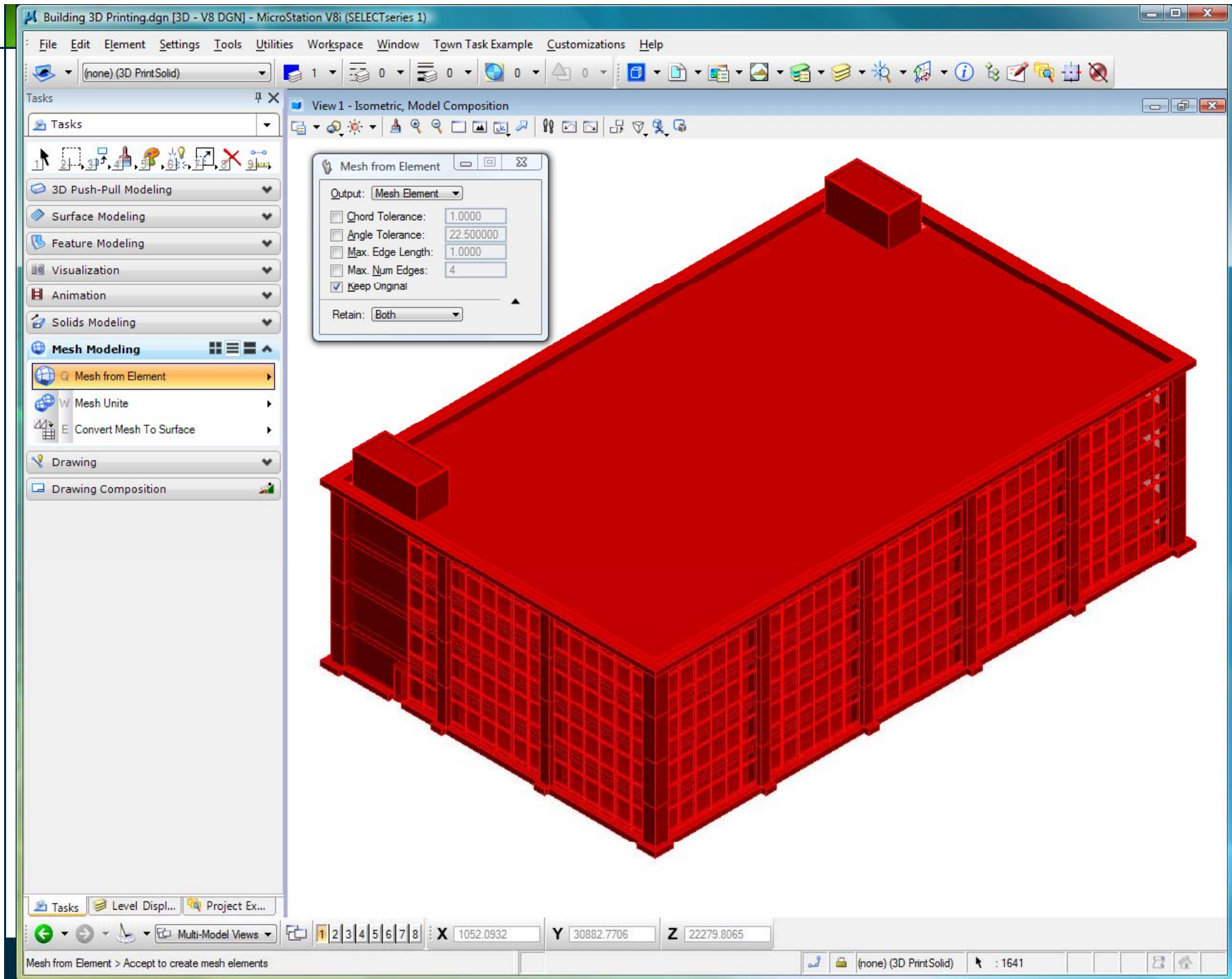


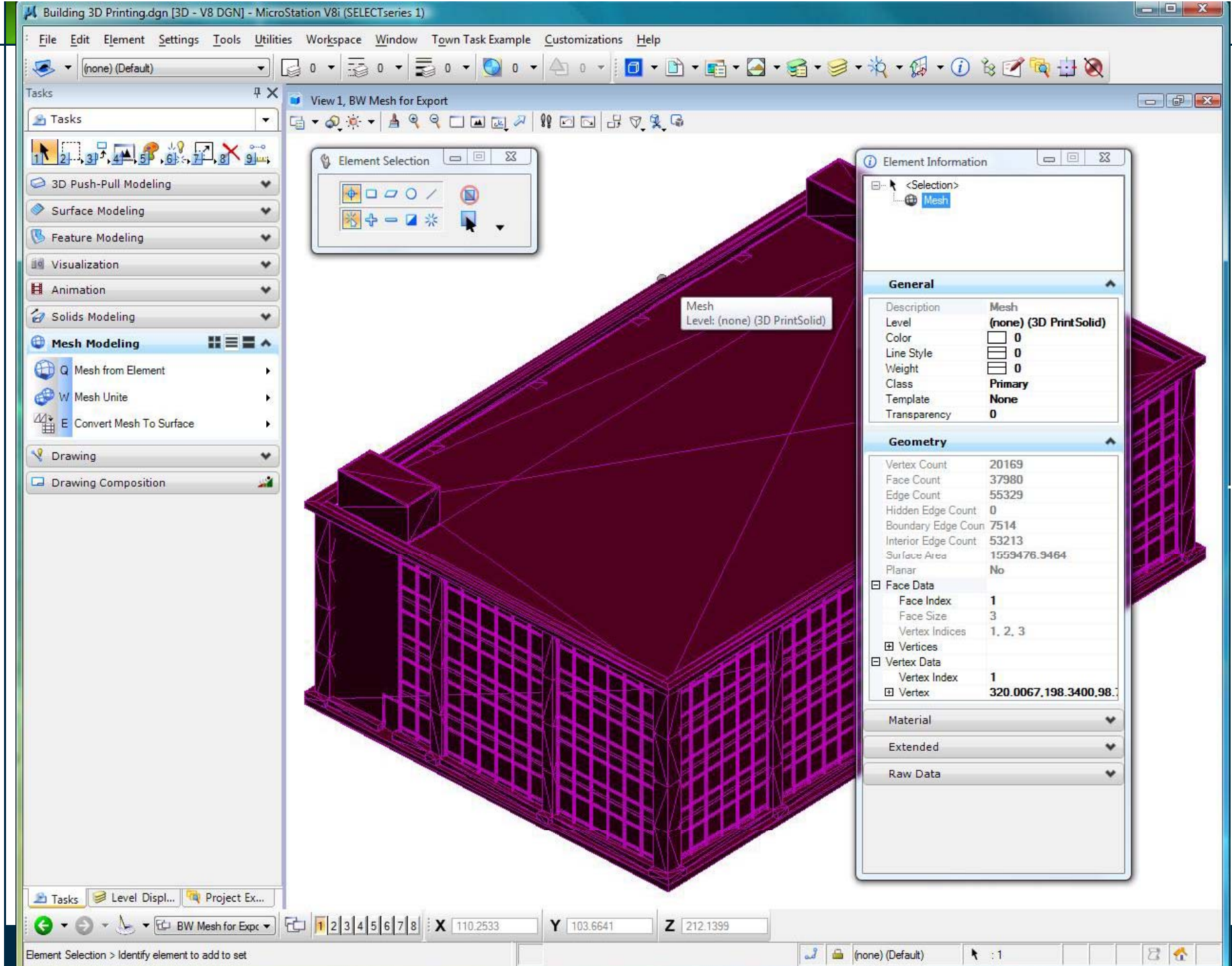












Element Information

<Selection>

- Mesh

General

Description	Mesh
Level	(none) (3D PrintSolid)
Color	0
Line Style	0
Weight	0
Class	Primary
Template	None
Transparency	0

Geometry

Vertex Count	20169
Face Count	37980
Edge Count	55329
Hidden Edge Count	0
Boundary Edge Count	7514
Interior Edge Count	53213
Surface Area	1559476.9464
Planar	No

Face Data

Face Index	1
Face Size	3
Vertex Indices	1, 2, 3

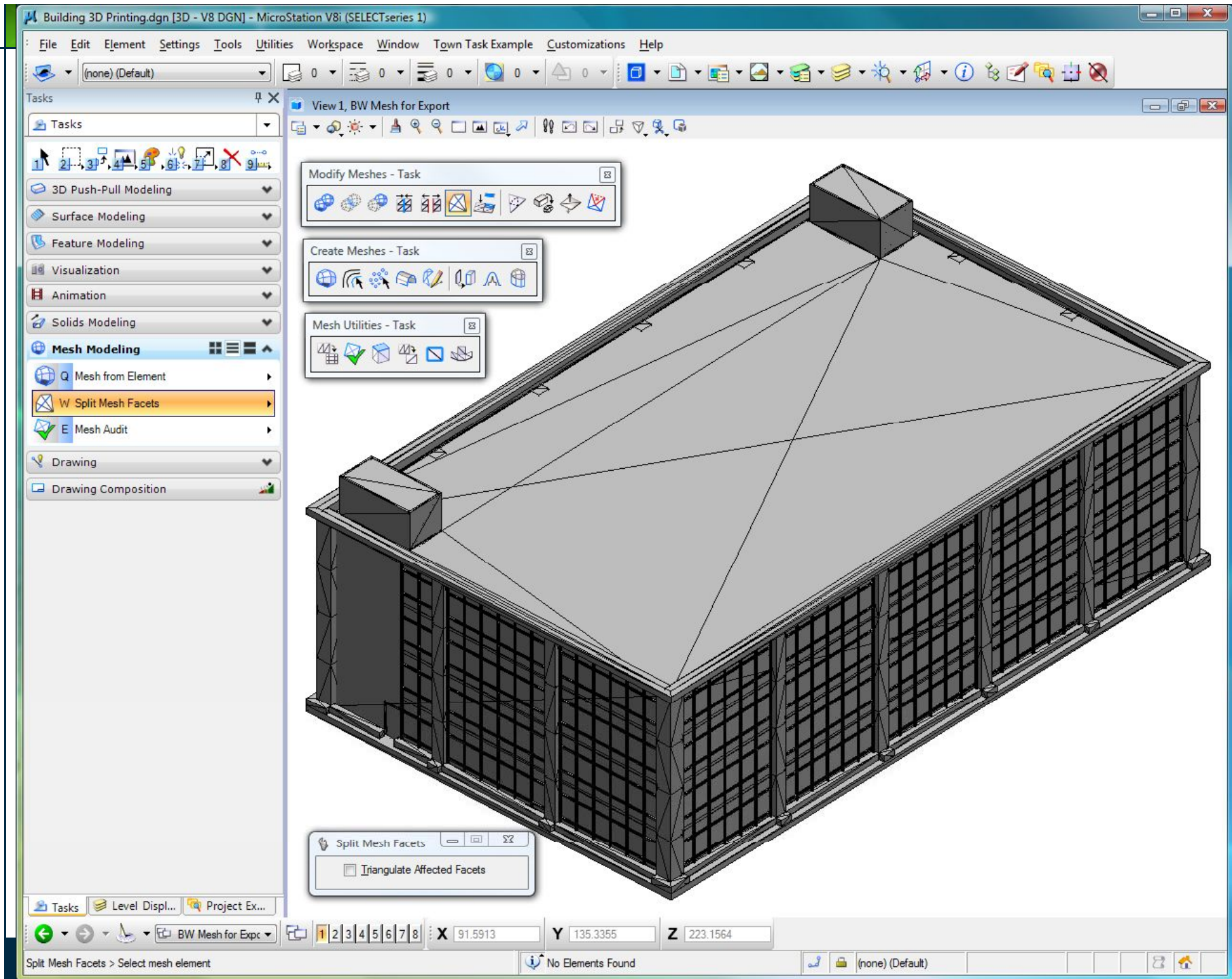
Vertices

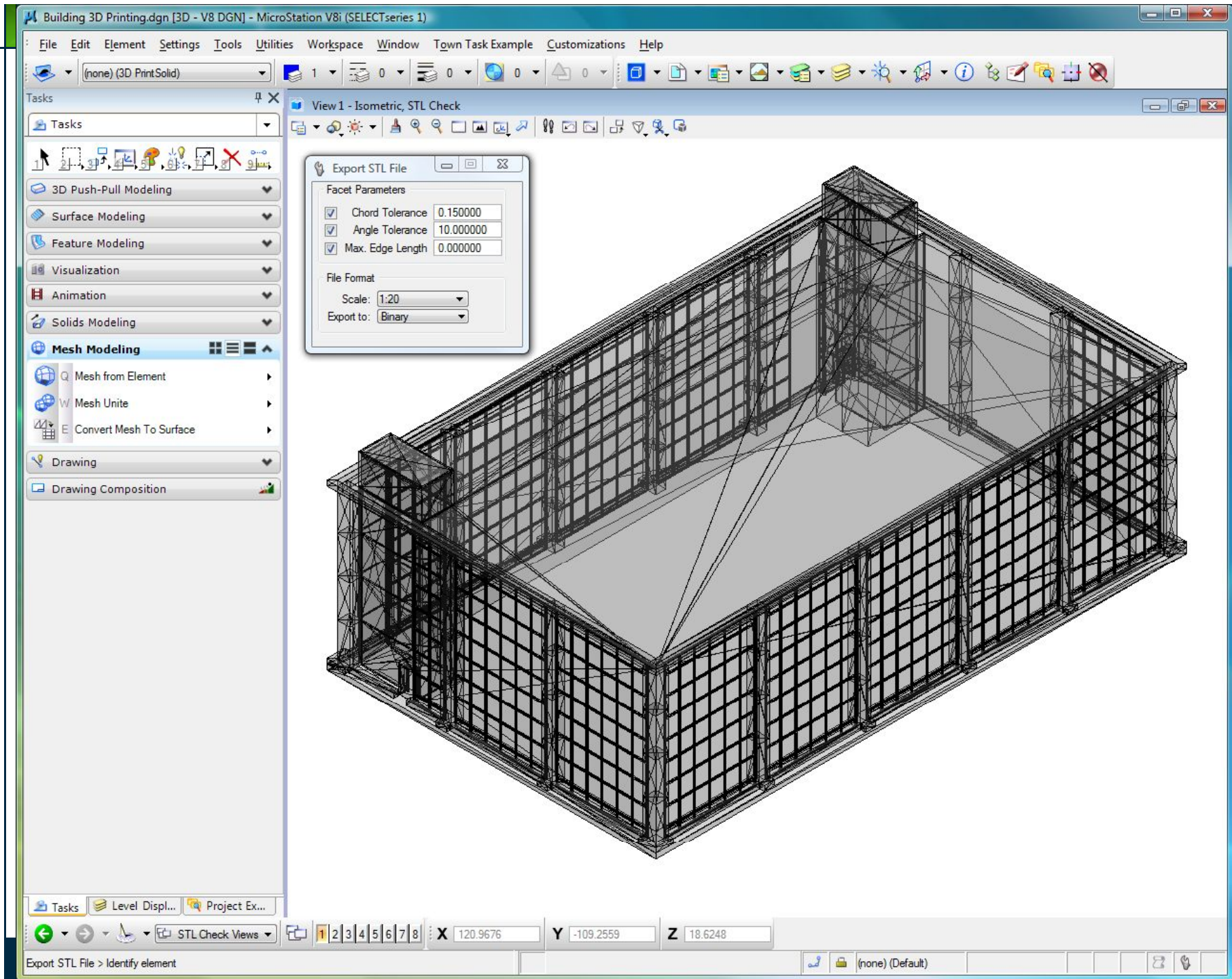
Vertex Index	1
Vertex	320.0067, 198.3400, 98....

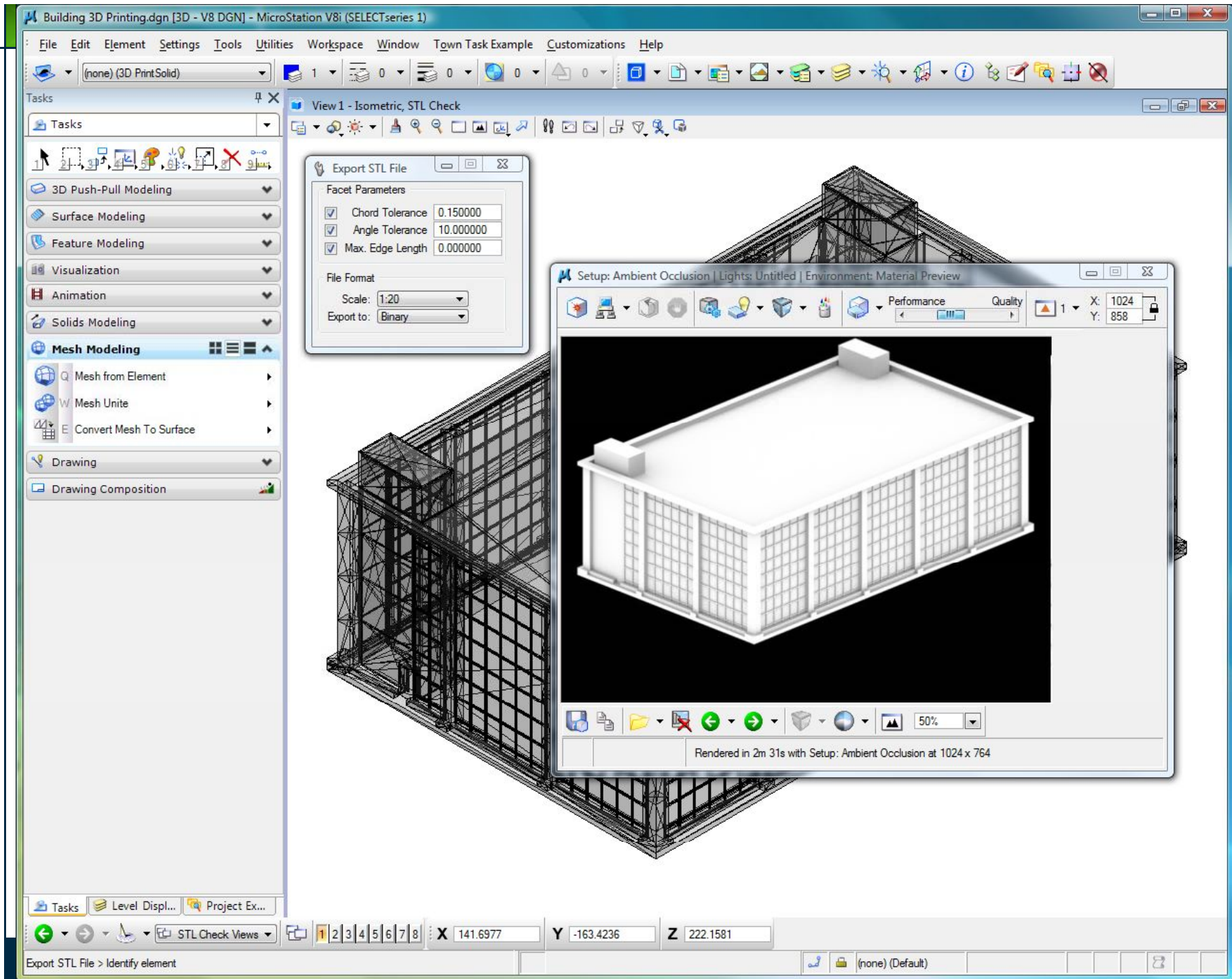
Material

Extended

Raw Data

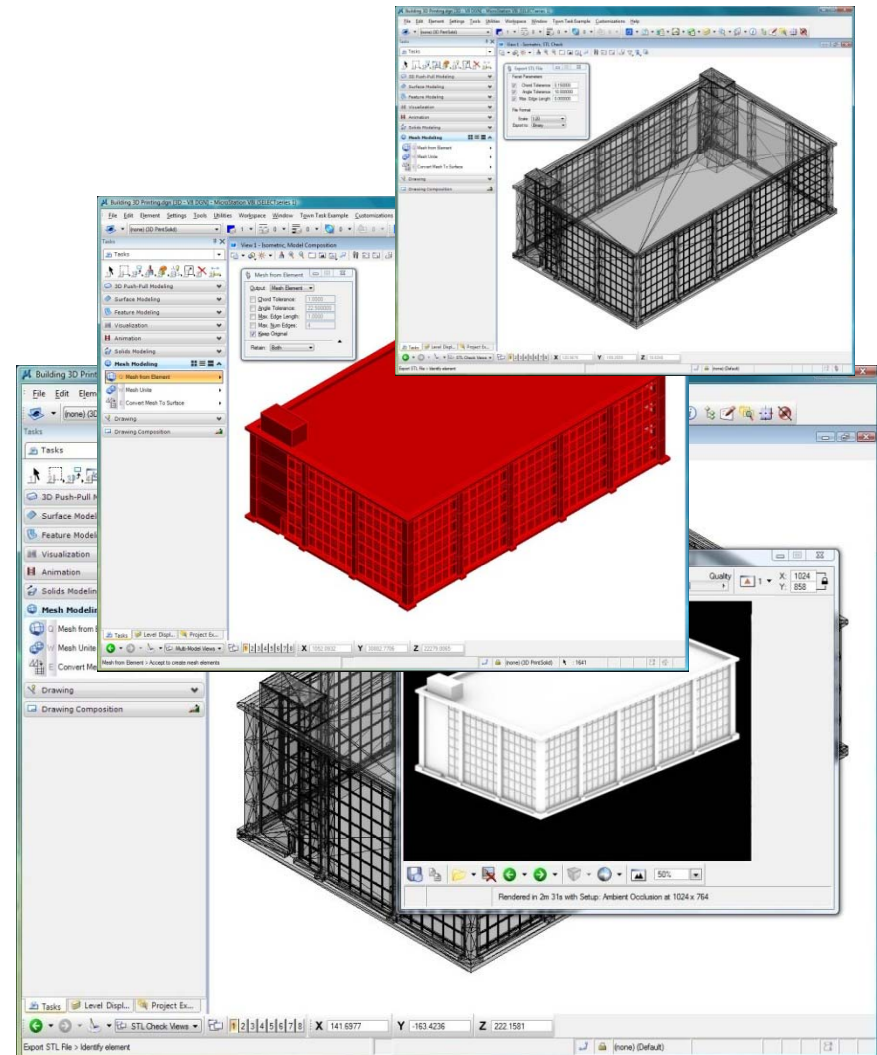






The Intuitive Modeling Advantage

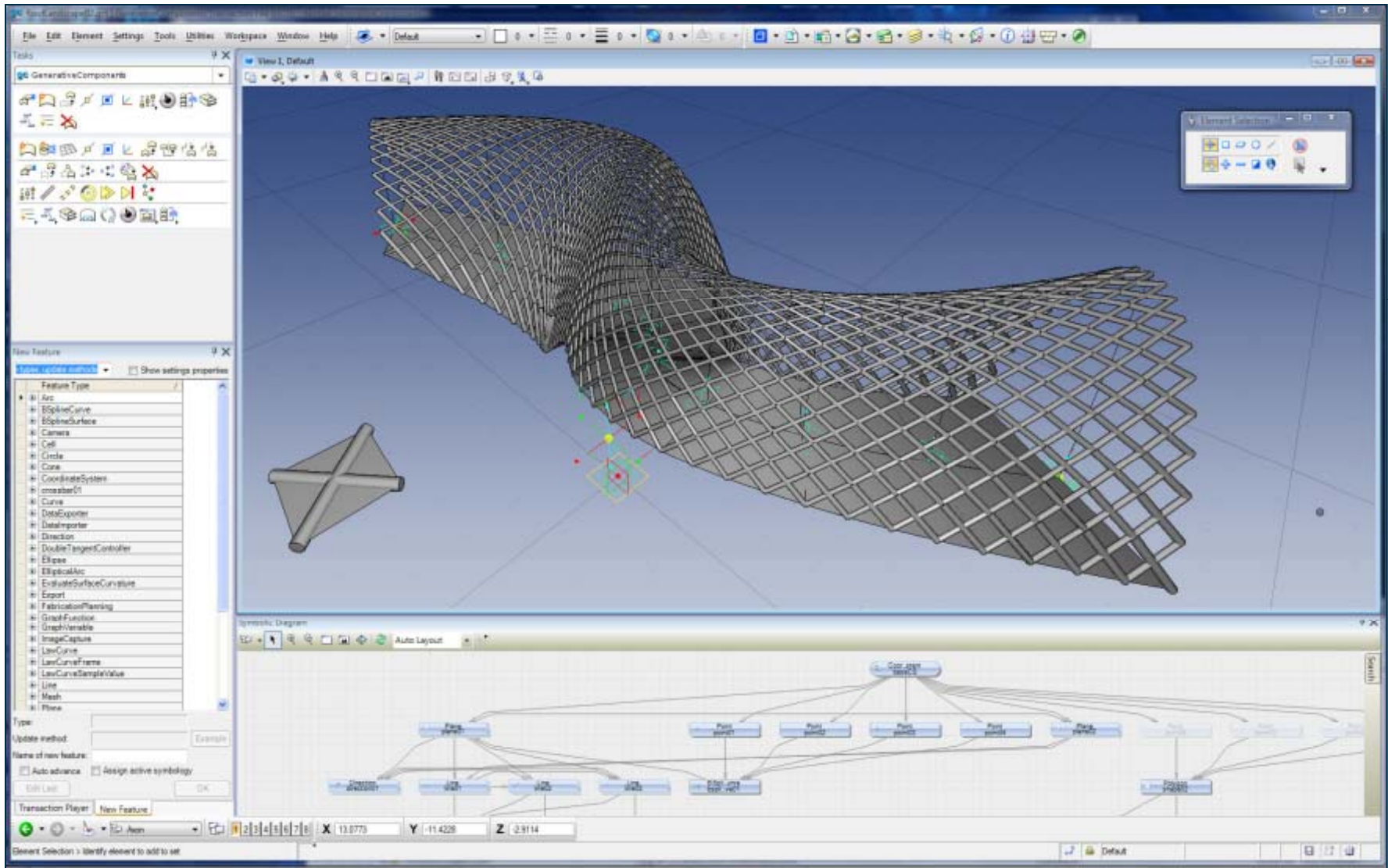
- Save Time
 - Create and edit models faster
 - Avoid duplicating effort
 - Streamline 3D printing process
 - Reuse models from 3rd parties
- Improve Quality
 - Integrate design data
 - Eliminate unnecessary detail
- Save Money
 - Maintain fewer 3D applications
 - Pressure-test digital model before printing to 3D media reduces waste



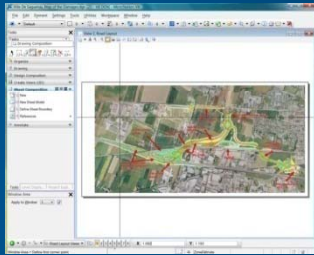
GenerativeComponents V8i

- GenerativeComponents Extension V8i
 - Launched November 6, 2008
- GenerativeComponents Extension V8i (SELECTseries 1)
 - Released November 2, 2009
- GenerativeComponents V8i
 - Stand alone, single install
 - Focused toolset for the generative designer
 - Easily accessible, attractive programs
 - Technology preview in Q4

GenerativeComponents V8i



MicroStation V8i Feature Detail

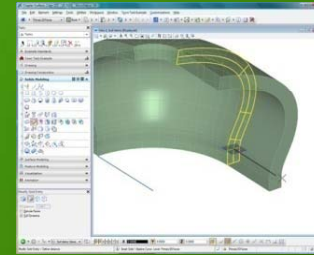


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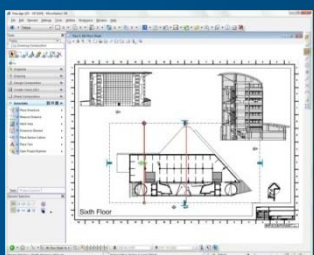


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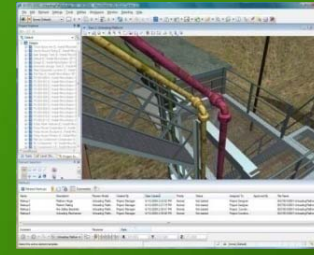


Interactive Dynamic Views

- Simplify 3D experience
- Slice and filter 3D models
- Streamline Drawing Composition
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Insightful Design Review

- Create or manage markups
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Why Luxology?

- Produce high quality images using pre-configured settings to better balance speed and quality
- Deliver photo-realistic interior and exterior views using lighting and textures that mirror project reality
- Improve stakeholder insight and secure buy-in
- Validate the fit and finish of a project
- Secure project funding for design alternatives



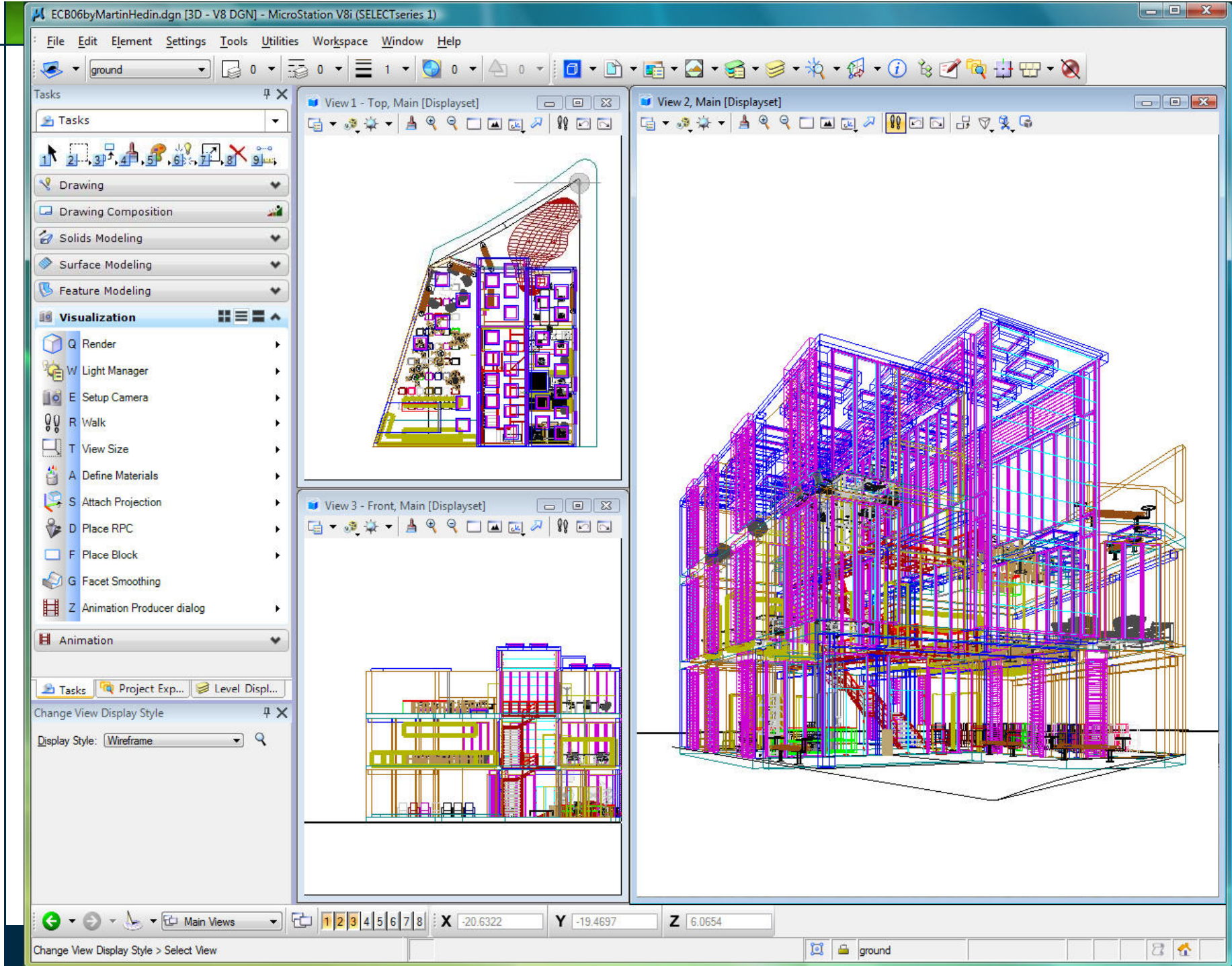


V8*i* Lighting













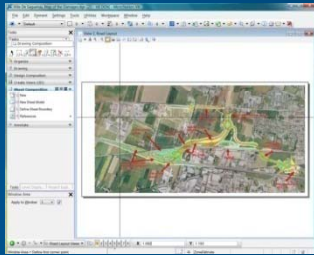


The Iterative Advantage

- Save Time
 - Near real-time rendering
 - 64-bit rendering engine
 - Create time for more design review iterations
- Improve Quality
 - Photo-realistic images
 - Better design
 - Higher Project Win-Rate
- Increase Profits
 - More Efficient Teams
 - Lower Operating Costs



MicroStation V8i Feature Detail

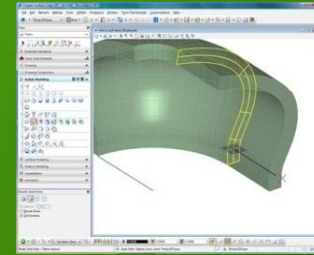


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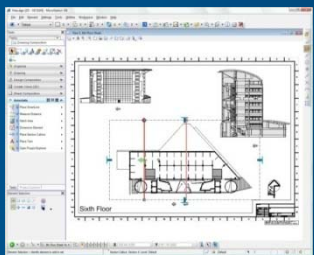


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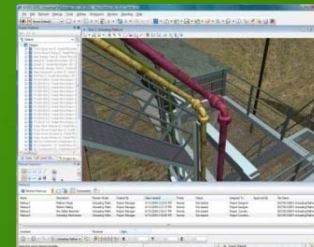


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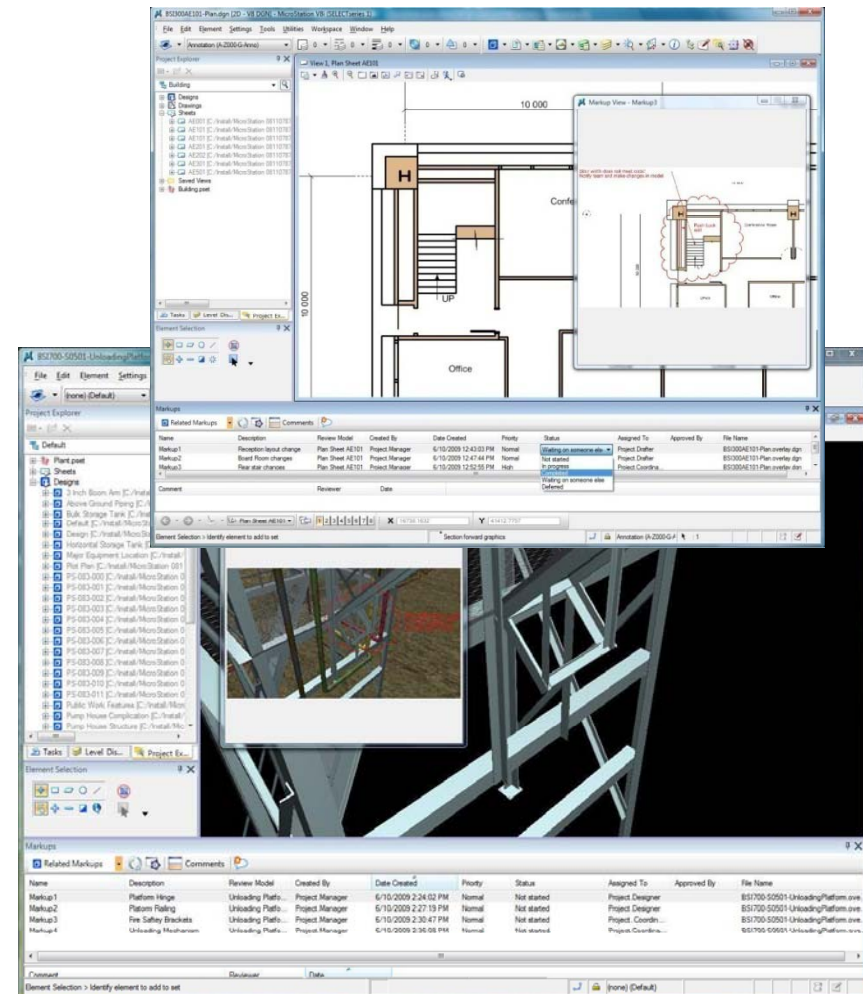
Insightful Design Review

- Create or manage markups
- Overlay markup files
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- View status/notifications



Why Review Designs on Screen?

- Eliminate rooms full of drawings and review designs electronically
- Assemble and review multiple files to coordinate and analyze design decisions
- Enable multi-discipline project teams to add comments to project designs
- Track comment status using the design review mark-up dialog
- Publish all design information to an optimized 3d model file format for interactive review



BSI300AE101-Plan.dgn [2D - V8 DGN] - MicroStation V8i (SELECTseries 1)

File Edit Element Settings Tools Utilities Workspace Window Help

Annotation (A-Z000-G-Anno)

Project Explorer

- Building
 - Designs
 - Drawings
 - Sheets
 - AE001 [C:/Install/MicroStation 08110787]
 - AE101 [C:/Install/MicroStation 08110787]
 - AE101 [C:/Install/MicroStation 08110787]
 - AE201 [C:/Install/MicroStation 08110787]
 - AE202 [C:/Install/MicroStation 08110787]
 - AE301 [C:/Install/MicroStation 08110787]
 - AE501 [C:/Install/MicroStation 08110787]
 - Saved Views
 - Building.pset

View 1, Plan Sheet AE101

Markups

Related Markups Comments

Name	Description	Review Model	Created By	Date Created	Priority	Status	Assigned To	Approved By	File Name
Markup1	Reception layout change	Plan Sheet AE101	Project.Manager	6/10/2009 12:43:03 PM	Normal	Waiting on someone else	Project.Drafter		BSI300AE101-Plan.overlay.dgn
Markup2	Board Room changes	Plan Sheet AE101	Project.Manager	6/10/2009 12:47:44 PM	Normal	Waiting on someone else	Project.Drafter		BSI300AE101-Plan.overlay.dgn
Markup3	Rear stair changes	Plan Sheet AE101	Project.Manager	6/10/2009 12:52:55 PM	High	Not started	Project.Coordina...		BSI300AE101-Plan.overlay.dgn

Fit View

Comment Reviewer Date

Markups

Related Markups Comments

Name	Description	Review Model	Created By	Date Created	Priority	Status	Assigned To	Approved By	File Name
Markup1	Reception layout change	Plan Sheet AE101	Project.Manager	6/10/2009 12:43:03 PM	Normal	Waiting on someone else	Project.Drafter		BSI300AE101-Plan.overlay.dgn
Markup2	Board Room changes	Plan Sheet AE101	Project.Manager	6/10/2009 12:47:44 PM	Normal	Waiting on someone else	Project.Drafter		BSI300AE101-Plan.overlay.dgn
Markup3	Rear stair changes	Plan Sheet AE101	Project.Manager	6/10/2009 12:52:55 PM	High	Not started	Project.Coordina...		BSI300AE101-Plan.overlay.dgn

Comment Reviewer Date

Plan Sheet AE101

59526.9305 54733.3833

Display complete

Annotation (A-Z000-G-A)

BSI300AE101-Plan.dgn [2D - V8 DGN] - MicroStation V8i (SELECTseries 1)

File Edit Element Settings Tools Utilities Workspace Window Help

Annotation (A-Z000-G-Anno)

Project Explorer

- Building
 - Designs
 - Drawings
 - Sheets
 - AE001 [C:/Install/MicroStation 08110787]
 - AE101 [C:/Install/MicroStation 08110787]
 - AE101 [C:/Install/MicroStation 08110787]
 - AE201 [C:/Install/MicroStation 08110787]
 - AE202 [C:/Install/MicroStation 08110787]
 - AE301 [C:/Install/MicroStation 08110787]
 - AE501 [C:/Install/MicroStation 08110787]
 - Saved Views
 - Building.pset

View 1, Plan Sheet AE101

10 000

10 000

UP

Office

Confere

Markup View - Markup3

Stair width does not meet code!
Notify team and make changes in model

Push back wall

Office

Office

Markups

Related Markups Comments

Name	Description	Review Model	Created By	Date Created	Priority	Status	Assigned To	Approved By	File Name
Markup1	Reception layout change	Plan Sheet AE101	Project Manager	6/10/2009 12:43:03 PM	Normal	Waiting on someone else	Project Drafter		BSI300AE101-Plan.overlay.dgn
Markup2	Board Room changes	Plan Sheet AE101	Project Manager	6/10/2009 12:47:44 PM	Normal	Waiting on someone else	Project Drafter		BSI300AE101-Plan.overlay.dgn
Markup3	Rear stair changes	Plan Sheet AE101	Project Manager	6/10/2009 12:52:55 PM	High	Not started	Project Coordina...		BSI300AE101-Plan.overlay.dgn

Comment Reviewer Date

Plan Sheet AE101

X 9546.0145 Y 46046.6300

Element Selection

Annotation (A-Z000-G-A)

BSI300AE101-Plan.dgn [2D - V8 DGN] - MicroStation V8i (SELECTseries 1)

File Edit Element Settings Tools Utilities Workspace Window Help

Annotation (A-Z000-G-Anno)

Project Explorer

- Building
 - Designs
 - Drawings
 - Sheets
 - AE001 [C:/Install/MicroStation 08110787]
 - AE101 [C:/Install/MicroStation 08110787]
 - AE101 [C:/Install/MicroStation 08110787]
 - AE201 [C:/Install/MicroStation 08110787]
 - AE202 [C:/Install/MicroStation 08110787]
 - AE301 [C:/Install/MicroStation 08110787]
 - AE501 [C:/Install/MicroStation 08110787]
 - Saved Views
 - Building.pset

View 1, Plan Sheet AE101

10 000

10 000

Confere

Markup View - Markup3

Stair width does not meet code!
Notify team and make changes in model

Push back wall

10 000

10 300

Office

Office

Conference Room

Context menu:

- Copy
- Create Drawing Title
- Activate
- Exchange
- Release lock on BSI300AE9-Shell.dgn
- Level Off
- Copy Reference
- Move Reference
- Scale Reference
- Rotate Reference
- Clip Reference
- Detach Reference
- Set Reference Presentation
- Select All
- Select None
- Select Previous
- Displayset Set
- Cut to Clipboard
- Copy to Clipboard
- Paste from Clipboard
- Delete Element
- Element Information

Markups

Related Markups

Name	Description	Review Model	Created By
Markup1	Reception layout change	Plan Sheet AE101	Project Manager
Markup2	Board Room changes	Plan Sheet AE101	Project Manager
Markup3	Rear stair changes	Plan Sheet AE101	Project Manager

Status	Assigned To	Approved By	File Name
Waiting on someone else	Project Drafter		BSI300AE101-Plan.overlay.dgn
Waiting on someone else	Project Drafter		BSI300AE101-Plan.overlay.dgn
Not started	Project Coordina...		BSI300AE101-Plan.overlay.dgn

Comment Reviewer Date

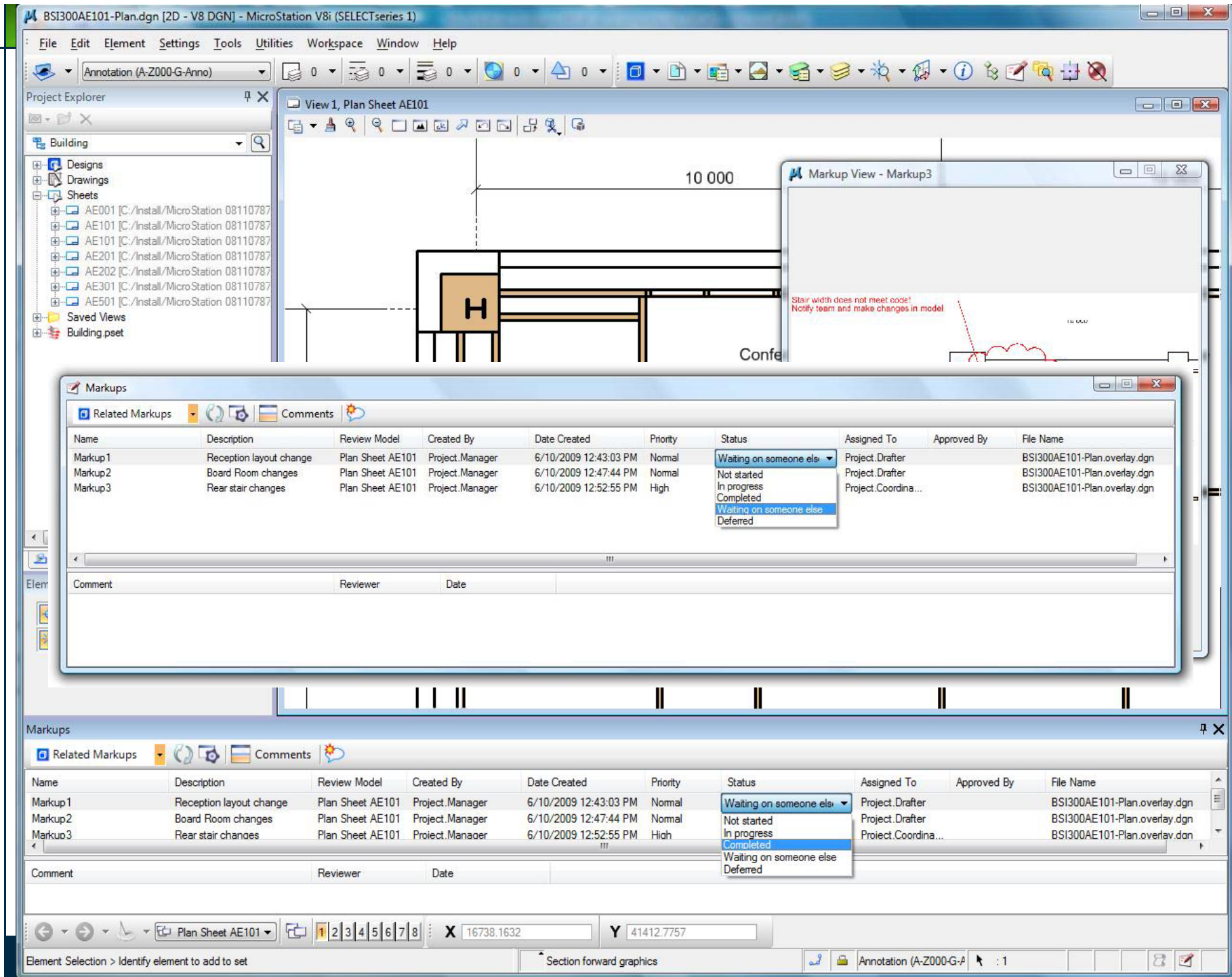
Plan Sheet AE101

X 12250.7542 Y 46149.1489

Element Selection > Identify element to add to set

Section cut graphics

Annotation (A-Z000-G-A) : 1



BSI700-S0501-UnloadingPlatform.dgn [3D - V8 DGN] - MicroStation V8i (SELECTseries 1)

File Edit Element Settings Tools Utilities Workspace Window Detailing Help

Project Explorer

- Default
 - Plant.pset
 - Sheets
 - Designs
 - 3 Inch Boom Arm [C:/Install/MicroStat
 - Above Ground Piping [C:/Install/Micro
 - Bulk Storage Tank [C:/Install/MicroSt
 - Default [C:/Install/MicroStation 0811C
 - Design [C:/Install/MicroStation 0811C
 - Horizontal Storage Tank [C:/Install/M
 - Major Equipment Location [C:/Install/
 - Plot Plan [C:/Install/MicroStation 081
 - PS-083-000 [C:/Install/MicroStation 0
 - PS-083-001 [C:/Install/MicroStation 0
 - PS-083-002 [C:/Install/MicroStation 0
 - PS-083-003 [C:/Install/MicroStation 0
 - PS-083-004 [C:/Install/MicroStation 0
 - PS-083-005 [C:/Install/MicroStation 0
 - PS-083-006 [C:/Install/MicroStation 0
 - PS-083-007 [C:/Install/MicroStation 0
 - PS-083-008 [C:/Install/MicroStation 0
 - PS-083-009 [C:/Install/MicroStation 0
 - PS-083-010 [C:/Install/MicroStation 0
 - PS-083-011 [C:/Install/MicroStation 0
 - Public Work Features [C:/Install/Micro
 - Pump House Complication [C:/Install/
 - Pump House Structure [C:/Install/Mic

Tasks Level Dis... Project Ex...

Element Selection

View 2 - Markup1, Unloading Platform

Markup View - Markup1

Markups

Related Markups Comments

Name	Description	Review Model	Created By	Date Created	Priority	Status	Assigned To	Approved By	File Name
Markup1	Platform Hinge	Unloading Platfo...	Project Manager	6/10/2009 2:24:02 PM	Normal	Not started	Project Designer		BSI700-S0501-UnloadingPlatform.ove
Markup2	Platom Railing	Unloading Platfo...	Project Manager	6/10/2009 2:27:19 PM	Normal	Not started	Project Designer		BSI700-S0501-UnloadingPlatform.ove
Markup3	Fire Safety Brackets	Unloading Platfo...	Project Manager	6/10/2009 2:30:47 PM	Normal	Not started	Project. Coordin...		BSI700-S0501-UnloadingPlatform.ove
Markup4	Unloading Mechanism	Unloading Platfo...	Project Manager	6/10/2009 2:36:08 PM	Normal	Not started	Project.Coordina...		BSI700-S0501-UnloadingPlatform.ove

Comment Reviewer Date

Element Selection > Identify element to add to set

(none) (Default)

BSI700-S0501-UnloadingPlatform.dgn [3D - V8 DGN] - MicroStation V8i (SELECTseries 1)

File Edit Element Settings Tools Utilities Workspace Window Detailing Help

Project Explorer

- Default
- Plant.pset
- Sheets
- Designs
 - 3 Inch Boom Arm [C:/Install/MicroStat
 - Above Ground Piping [C:/Install/Micro
 - Bulk Storage Tank [C:/Install/MicroSt
 - Default [C:/Install/MicroStation 0811C
 - Design [C:/Install/MicroStation 08110
 - Horizontal Storage Tank [C:/Install/M
 - Major Equipment Location [C:/Install/
 - Plot Plan [C:/Install/MicroStation 081
 - PS-083-000 [C:/Install/MicroStation 0
 - PS-083-001 [C:/Install/MicroStation 0
 - PS-083-002 [C:/Install/MicroStation 0
 - PS-083-003 [C:/Install/MicroStation 0
 - PS-083-004 [C:/Install/MicroStation 0
 - PS-083-005 [C:/Install/MicroStation 0
 - PS-083-006 [C:/Install/MicroStation 0
 - PS-083-007 [C:/Install/MicroStation 0
 - PS-083-008 [C:/Install/MicroStation 0
 - PS-083-009 [C:/Install/MicroStation 0
 - PS-083-010 [C:/Install/MicroStation 0
 - PS-083-011 [C:/Install/MicroStation 0
 - Public Work Features [C:/Install/Micr
 - Pump House Complication [C:/Install/
 - Pump House Structure [C:/Install/Mic

Tasks Level Dis... Project Ex...

Element Selection

View 2 - Markup1, Unloading Platform

Markup View - Markup1

Markups

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Markup1	Platform Hinge	Unloading Platfo...	Project.Manager	6/10/2009 2:24:02 PM	Normal	Not started	Project.Designer		BSI700-S0501-UnloadingPlatform.ove.
Markup2	Platform Railing	Unloading Platfo...	Project.Manager	6/10/2009 2:27:19 PM	Normal	Not started	Project.Designer		BSI700-S0501-UnloadingPlatform.ove.
Markup3	Fire Safety Brackets	Unloading Platfo...	Project.Manager	6/10/2009 2:30:47 PM	Normal	Not started	Project.Coordin...		BSI700-S0501-UnloadingPlatform.ove.
Markup4	Unloading Mechaniam	Unloading Platfo...	Project.Manager	6/10/2009 2:36:08 PM	Normal	Not started	Project.Coordina...		BSI700-S0501-UnloadingPlatform.ove.

Comment Reviewer Date

Unloading Platform 1 2 3 4 5 6 7 8 X 566.0797 Y 98.0044 Z 449.9815

Element Selection > Identify element to add to set

(none) (Default)



Project Explorer

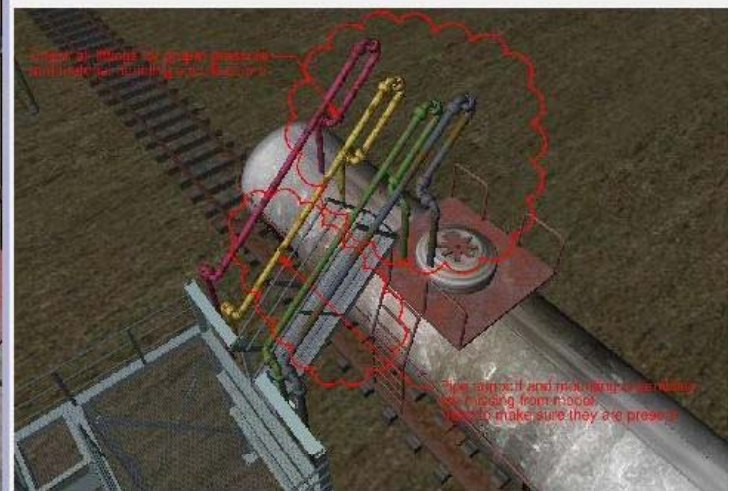
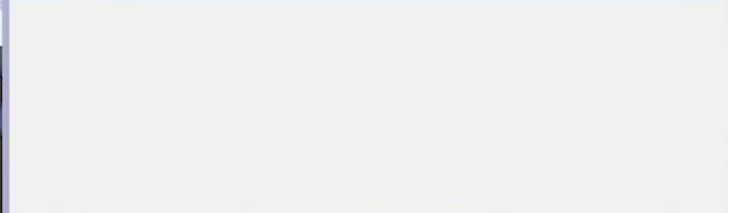
- Default
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- Designs
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 - Bulk Storage Tank [C:/Install/MicroSt
 - Default [C:/Install/MicroStation 08110
 - Design [C:/Install/MicroStation 08110
 - Horizontal Storage Tank [C:/Install/M
 - Major Equipment Location [C:/Install/
 - Plot Plan [C:/Install/MicroStation 081
 - PS-083-000 [C:/Install/MicroStation 0
 - PS-083-001 [C:/Install/MicroStation 0
 - PS-083-002 [C:/Install/MicroStation 0
 - PS-083-003 [C:/Install/MicroStation 0
 - PS-083-004 [C:/Install/MicroStation 0
 - PS-083-005 [C:/Install/MicroStation 0
 - PS-083-006 [C:/Install/MicroStation 0
 - PS-083-007 [C:/Install/MicroStation 0
 - PS-083-008 [C:/Install/MicroStation 0
 - PS-083-009 [C:/Install/MicroStation 0
 - PS-083-010 [C:/Install/MicroStation 0
 - PS-083-011 [C:/Install/MicroStation 0
 - Public Work Features [C:/Install/Micro
 - Pump House Complication [C:/Install/
 - Pump House Structure [C:/Install/Mic

Tasks Level Dis... Project Ex...

Element Selection



View 2, Unloading Platform Markup View - Markup4



Markups

Related Markups Comments

Name	Description	Review Model	Created By	Date Created	Priority	Status	Assigned To	Approved By	File Name
Markup1	Platform Hinge	Unloading Platfo...	Project.Manager	6/10/2009 2:24:02 PM	Normal	Not started	Project.Designer		BSI700-S0501-UnloadingPlatform.ove
Markup2	Platform Railing	Unloading Platfo...	Project.Manager	6/10/2009 2:27:19 PM	Normal	Not started	Project.Designer		BSI700-S0501-UnloadingPlatform.ove
Markup3	Fire Safety Brackets	Unloading Platfo...	Project.Manager	6/10/2009 2:30:47 PM	Normal	Not started	Project.Coordin...		BSI700-S0501-UnloadingPlatform.ove
Markup4	Unloading Mechanism	Unloading Platfo...	Project.Manager	6/10/2009 2:36:08 PM	Normal	Not started	Project.Coordina...		BSI700-S0501-UnloadingPlatform.ove

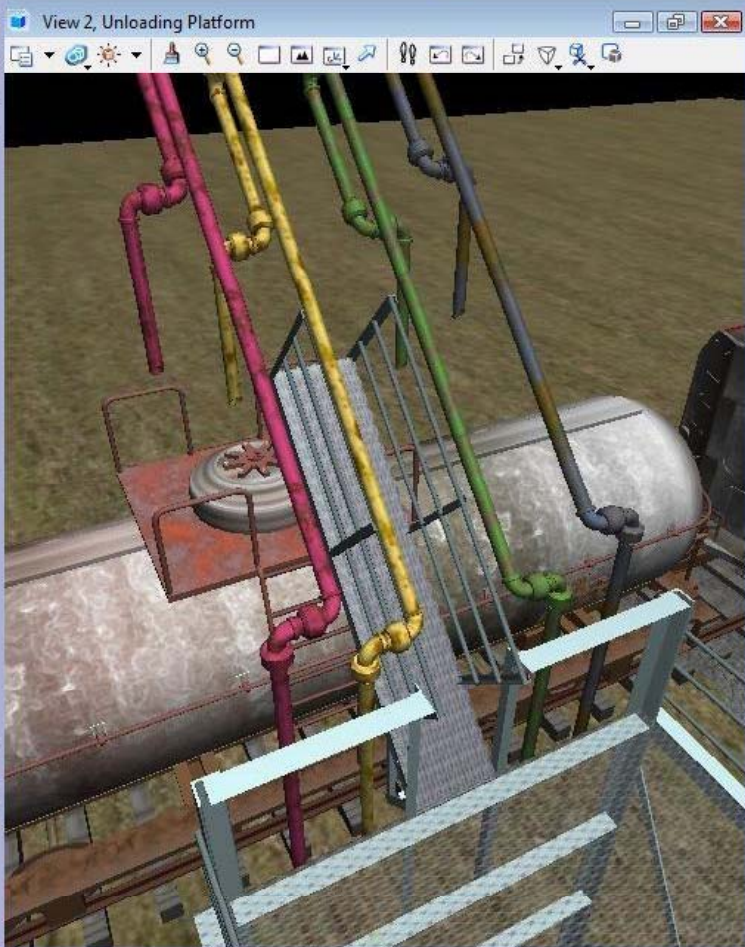


Project Explorer

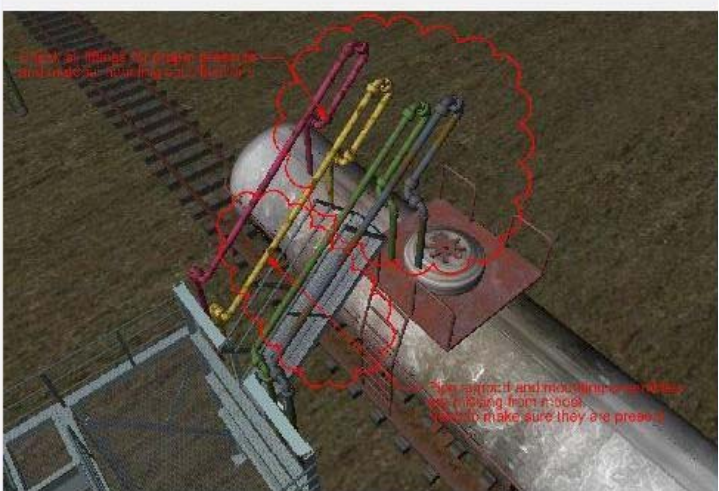
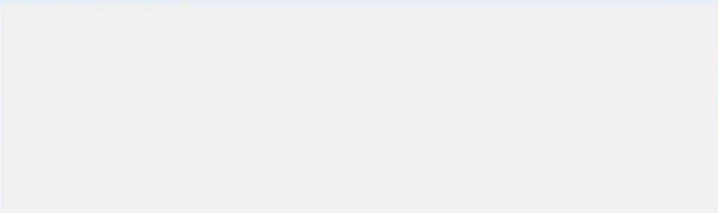
- Default
- Plant.pset
- Sheets
- Designs
 - 3 Inch Boom Arm [C:/Install/MicroStal
 - Above Ground Piping [C:/Install/Micro
 - Bulk Storage Tank [C:/Install/MicroSt
 - Default [C:/Install/Micro Station 0811C
 - Design [C:/Install/Micro Station 00110
 - Horizontal Storage Tank [C:/Install/M
 - Major Equipment Location [C:/Install/
 - Plot Plan [C:/Install/Micro Station 081
 - PS-083-000 [C:/Install/Micro Station 0
 - PS-083-001 [C:/Install/Micro Station 0
 - PS-083-002 [C:/Install/Micro Station 0
 - PS-083-003 [C:/Install/Micro Station 0
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 - PS-083-010 [C:/Install/Micro Station 0
 - PS-083-011 [C:/Install/Micro Station 0
 - Public Work Features [C:/Install/Micr
 - Pump House Complication [C:/Install/
 - Pump House Structure [C:/Install/Mic

Tasks Level Dis... Project Ex...

Element Selection



View 2, Unloading Platform Markup View - Markup4

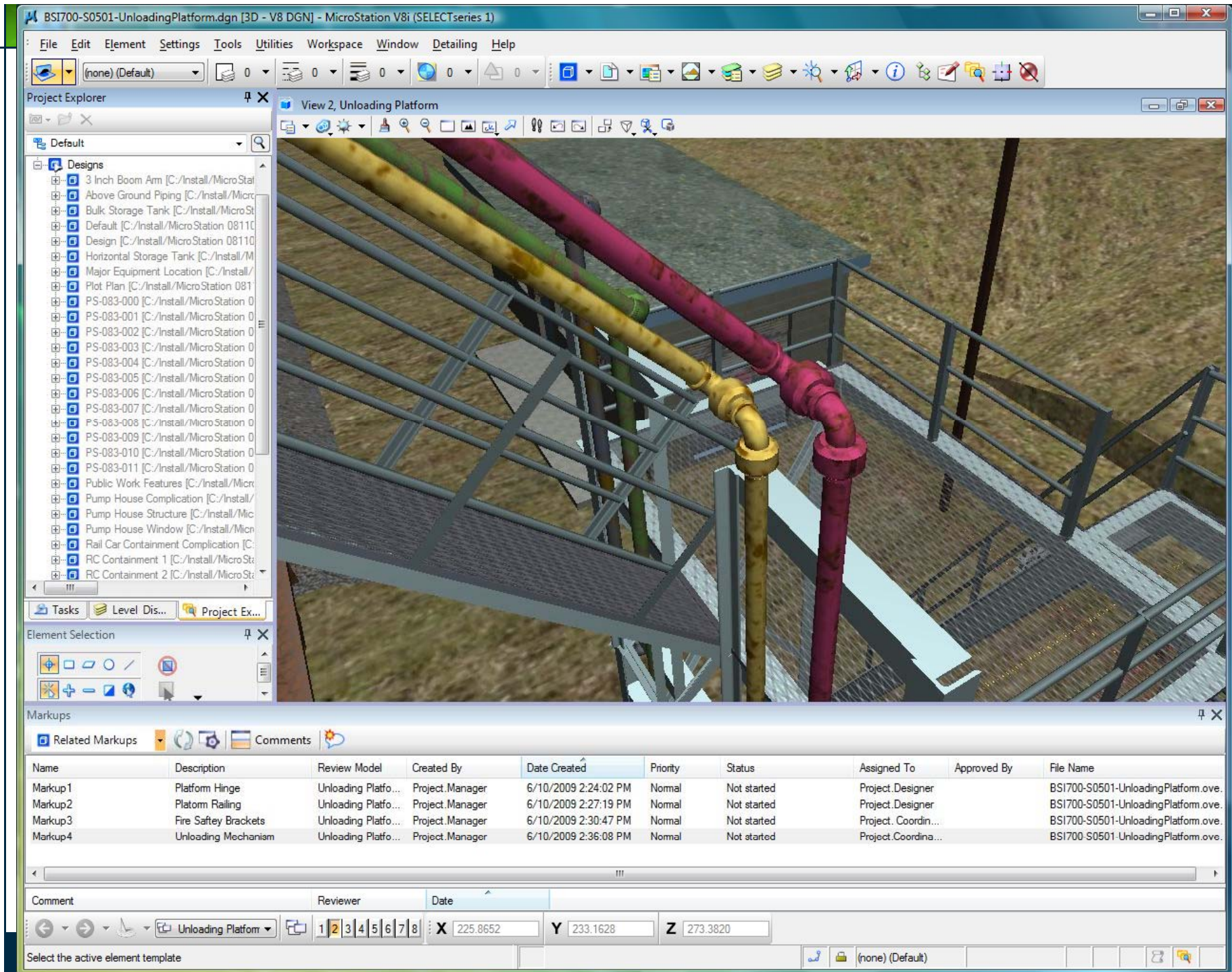


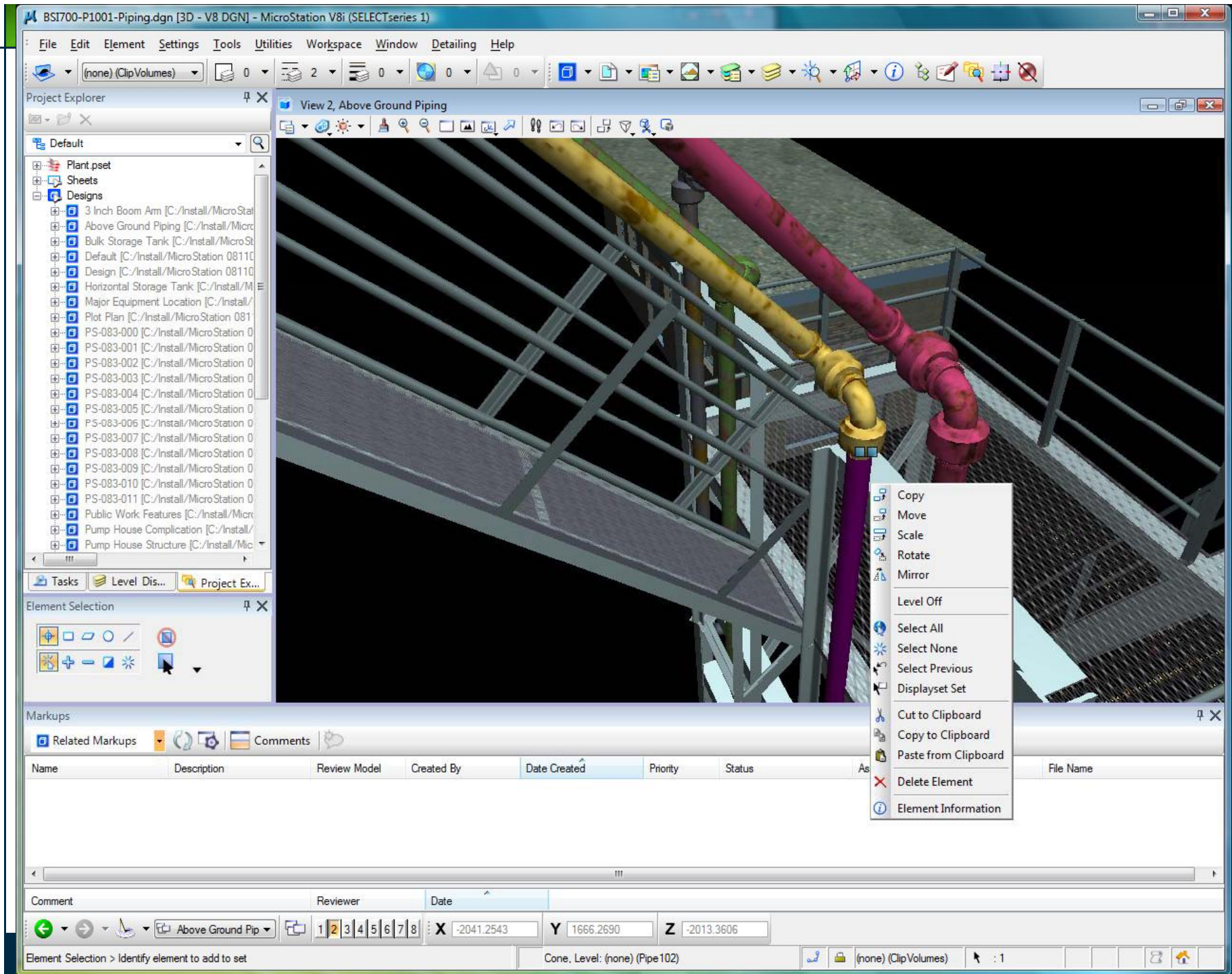
Platform Hinge on right platform
 Platform Railing
 Fire Safety Brackets
 Unloading Mechanism

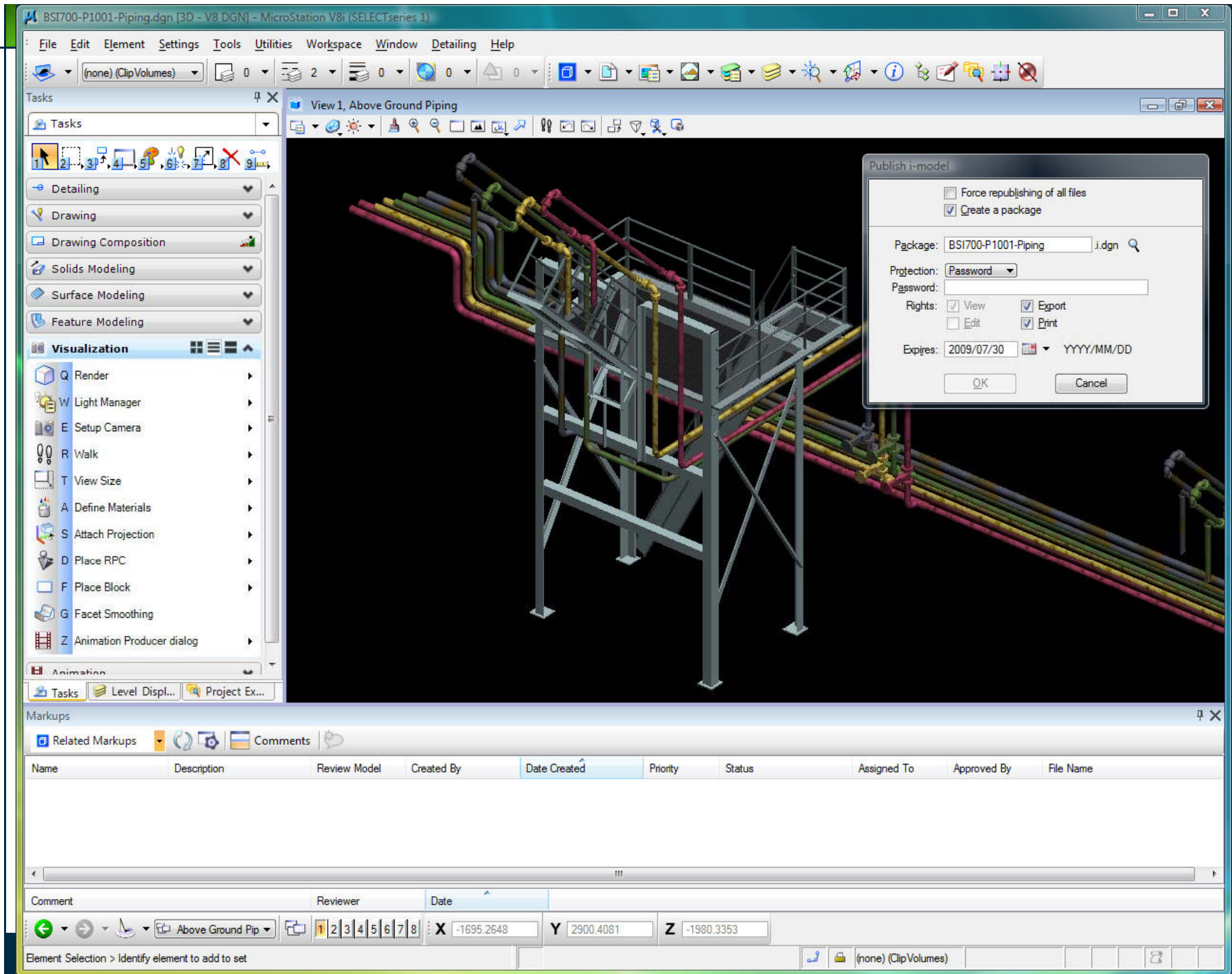
Markups

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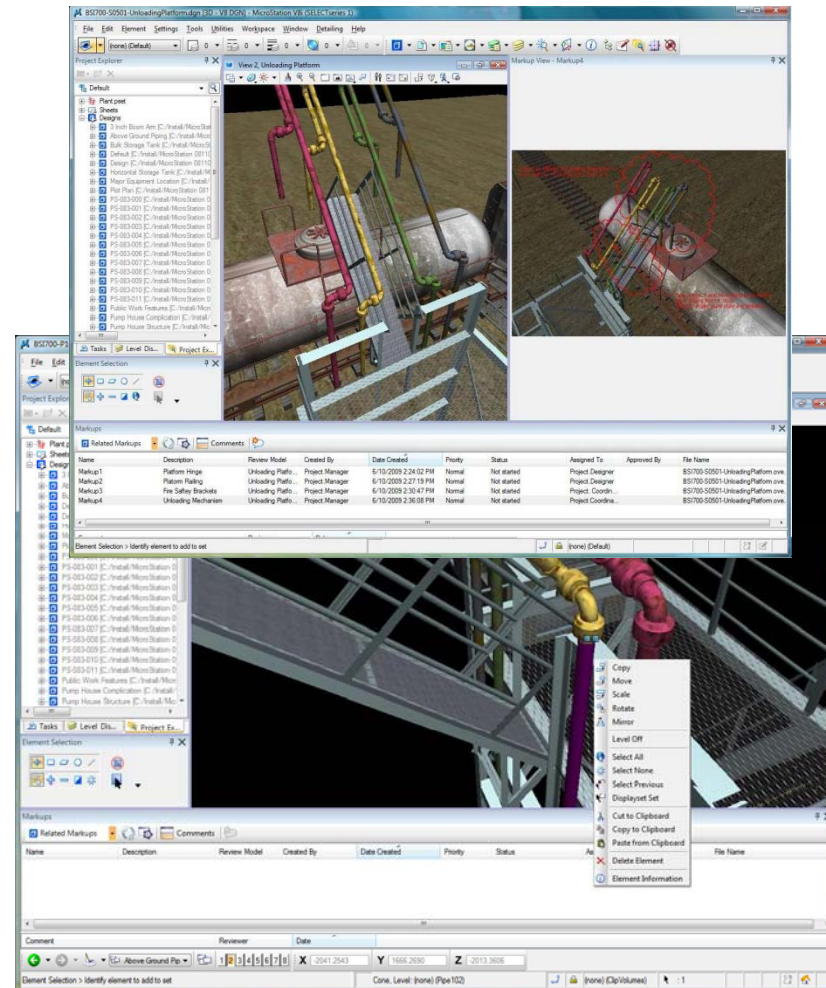






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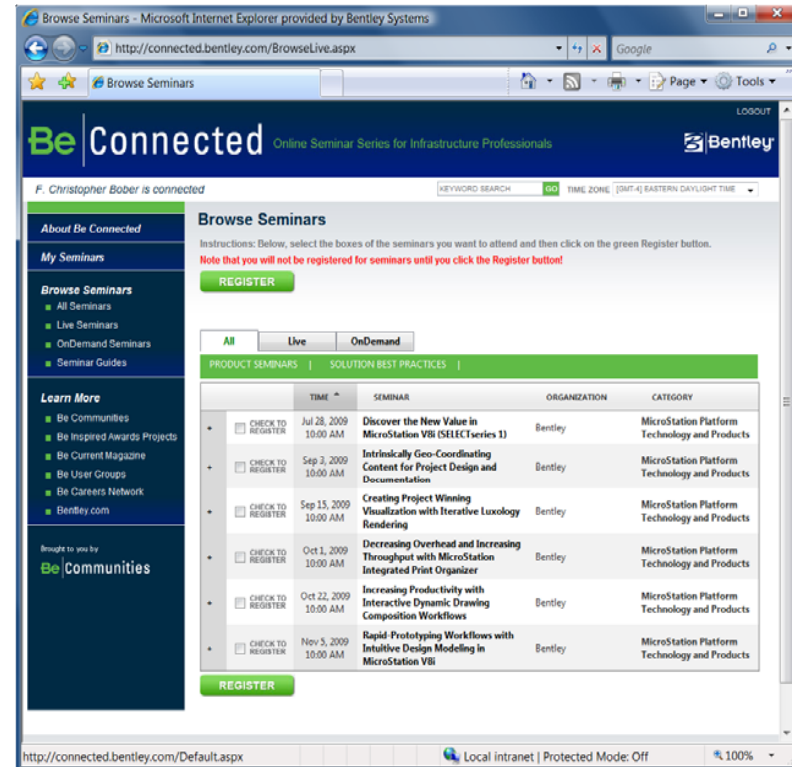
Discover the Value of V8i

- MicroStation eSeminars
 - Intuitive Design Modeling
 - Interactive Dynamic Views
 - Intrinsic Geo-Coordination
 - Integrated Print Organizer
 - Iterative Luxology Rendering
 - Interoperability Across Formats

The screenshot displays the Bentley website's 'MicroStation Value' page. At the top, there is a navigation bar with links for SOLUTIONS, PRODUCTS, TRAINING & LEARNING, SUPPORT & SERVICES, CORPORATE, and COMMUNITIES. The main header features the 'V8i' logo and the 'MicroStation' text with the URL 'www.bentley.com/v8i'. Below the header, there are three sections for eSeminars, each with a 'Register Now' button and a checkmark icon. The first seminar is 'Intrinsic Geo-Coordination' on March 18, 2009. The second is 'Intuitive Design Modeling' on March 25, 2009. The third is 'Iterative Luxology Rendering Engine' on April 8, 2009. To the right, there are two giveaway sections: 'Free MicroStation V8i Book Giveaway' and 'Free MicroStation V8i Mouse Mat Giveaway', both with images of the respective items.

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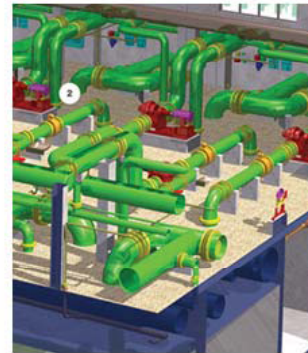
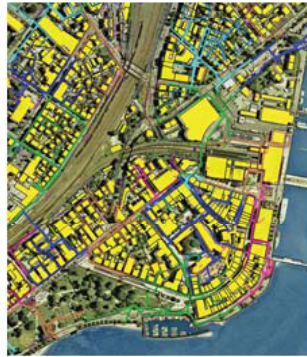
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Products

Forums	Last Post	Threads	Posts
MicroStation MicroStation PowerDraft Bentley Redline Bentley View Bentley CloudWorx Subforum(s) GenerativeComponents , MicroStation - all pre-V8 versions , MicroStation V8 2004 Edition , MicroStation V8 XM Edition , MicroStation V8i , Visualization Forum .	Re: bentley view plots fu... by Phil Chouinaud Today, 1:24 PM	4,729	22,601
ProjectWise Project Team Collaboration ProjectWise Integration Server ProjectWise StartPoint ProjectWise InterPlot Organizer, Server & Driver Packs ProjectWise Dynamic Plot ProjectWise Navigator	Re: V8 XM Title Block Int... by DeanLyon Today, 12:06 PM	396	1,743
Building Analysis and Design Bentley Architecture Bentley Parametric Cell Studio Bentley Building Mechanical Systems Bentley Hevacomp Bentley Tas Bentley Building Electrical Systems speedikon WETO RooDesigner WindowDesigner (ArCon compatible)	Re: Wall Tags by Chris Miller Today, 1:43 PM	546	2,412
Structural Analysis and Design RAM STAAD ProSteel Bentley Structural QSE Sectionwizard AutoPIPE	Re: some STAAD case pleas... by babmsu Today, 10:52 AM	510	1,841
Road Design and Land Development iRoads GEOPAK MX Bentley PowerCivil Arenium Bentley Quantity Manager	Re: Inroads Surface by caddocp Today, 8:28 AM	969	3,816



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Chris Bober – Director, MicroStation Product Line