TEAMS

Owner
Epic Systems Corporation

Architect
Brian Tucker

General Contractor
Pete Scharenbroch

Plumbing Contractor
Don Magill
LESSONS LEARNED CATEGORIES

- Environment
- Software
- Information Exchange
- Accountability
- Coordinate Systems & Layout
- Prefabrication & Sequenced Production
- Continuous Improvement

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EPIC CULTURE
EPIC SITE HISTORY
2006: Learning Campus – Phase 1
2010: Campus 2
2011: Learning Campus – Phase 2

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2012: Deep Space Auditorium
2013: Campus 3
2015: Campus 4 – Wizards Campus
EPIC CAMPUS 4 INTRO

“WIZARDS ACADEMY”
PROJECT INTRO

10 MONTHS
100,000 SQUARE FEET
100% OCCUPIED

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Trailer Park 2006
Trailer City 2009
BIM Room Today
Shared Network
Shared Facilities
Indoor Plumbing
SOFTWARE
SOFTWARE

REVIT

AUTOCAD

STRUCSOFT

AUTOSPRINK

NAVISWORKS
DRAWING RELEASE SCHEDULE
OVERLAYS
Saturday/Sunday
Monday/Tuesday
Wednesday/Thursday

Change Request

<table>
<thead>
<tr>
<th>Date</th>
<th>05/14/2023</th>
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<tbody>
<tr>
<td>Job Name</td>
<td>01-1234</td>
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<tr>
<td>PIN</td>
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<tr>
<td>Volumes</td>
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<td>Total Amount</td>
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<tr>
<td>Co-Request</td>
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</tbody>
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**Requestor:**
CGA - Brian Tucker

**Description/Why:**
Bay Window Area - Removed 1" return leg from cast stone window jamb return (ACS-2 Shape-WD) at bay window. Revision communicated to supplier (Edwards) through shop drawing review process. No cost impact. - NTH

**Schedule Impact:**
- Cost of Induction: 
- How long can we wait: 

**Approved by:**

**Date Approved:**

Any other information:

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Statistics

• 1419 changes analyzed
• 382 “significant” changes presented to Epic
• 82 “significant” changes rejected – 21%
COORDINATE SYSTEMS AND LAYOUT
COORDINATE SYSTEMS & LAYOUT
COORDINATE SYSTEMS & LAYOUT

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COORDINATE SYSTEMS & LAYOUT
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PREFABRICATION AND SEQUENCED PRODUCTION
PREFABRICATION
PREFABRICATION
PREFABRICATION
PREFABRICATION
PREFABRICATION
SEQUENCED PRODUCTION

Level 1
- Electrical Rooms
- Data Rooms
- OH Rough-Ins & Branch Lines

Level 2
- Electrical Rooms
- Data Rooms
- OH Rough-Ins & Branch Lines

Level 2
- Exterior Wall Drywall
- MEPF Racks
- Build Wall Panels
- Remove Lifts
- Set Wall Panels
- Finishes

Level 1
- Exterior Wall Drywall
- MEPF Racks
- Build Wall Panels
- Remove Lifts
- Set Wall Panels
- Finishes

WATERTIGHT

START BOTTOM-UP

FINISH TOP-DOWN

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SEQUENCED PRODUCTION
STATISTICS
Compared to Previous Epic Campus

- RFI Reduction: 69%
- Schedule Savings: 25%
- Cost Savings: 10%
- Waste Reduction: 90%
- Fall Risk Reduction: 20%
- Building Mains on MEPF Racks: 85%
- Project Morale: Percentageless
WHAT'S NEXT?
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