

Rebecca Snelling

JE Dunn Construction

#LeanLPS

Organiza y promueve

Promueve

ITeC



The Change Business Ltd
developing people + delivering projects



Patrocina



Media Partners



infoconstrucción



DPA ARQUITECTURA

BIM Community

Con la colaboración de





JEDUNN®
CONSTRUCTION

≡ WE EXIST TO ≡

ENRICH LIVES

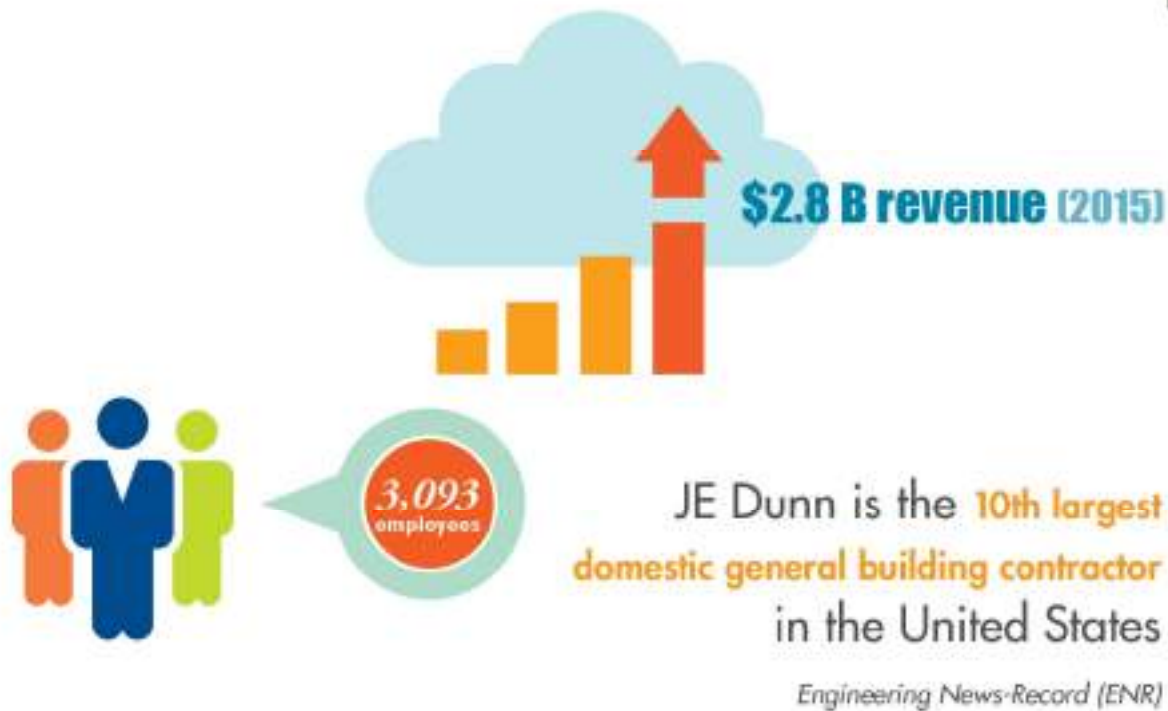
»» THROUGH INSPIRED ««

PEOPLE AND PLACES

JEDUNN®

JE Dunn BY THE NUMBERS

A family- and employee-owned business founded in 1924 by John Ernest Dunn, Sr. in Kansas City (our corporate headquarters). With **4 regions** and **20 offices** across the United States, we have the ability to complete nearly any type of project in the country.



JE Dunn Rankings
Engineering News-Record (ENR) Rankings for JE Dunn Construction

13 CM at Risk	15 Solar	5 Data Centers
10 Domestic General Building	12 Education	21 Entertainment
6 Healthcare	16 Government	25 Green Construction

**COMPANY
VISION
STATEMENT**

Our vision is to be an indispensable business partner for our clients by first understanding their purpose, goals and customers and then delivering transformational solutions with certainty of results.

TWENTY OFFICES NATIONWIDE

Lean Support



In pursuit of **building perfection**[®]

JEDUN

Dunn Lean Beginnings - 2012

- First Integrated Project Delivery
- First Last Planner® System Project
- Joined Lean Construction Institute
- Leadership visits to TD Industries and Viracon
- Corporate Commitment to Lean

Last Planner® in Design

- Planning design is about planning decisions and developing ideas rather than building to a specific detail
- Tasks are more challenging to define
- Some adaptation of the tool (not the concepts) is required



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Work Register



WORK PLAN | COMMITMENT LOG

Project Name: Sample Campus

Last Update: 06/26/2014

Reason for Variance: 1) Over-committed 2) Miscommunication 3) Previous work not complete 4) Change in work plan 5) Outside Constraint 6) Resource not available 7) Materials/Equipment not available 8) Safety concern 9) Work not authorized by contract/submittal/etc. 10) Other

Item #	Milestone	Promise from Stickie	Performer	Requester	Due Date	Constraints/comments	Done?	Reason for Variance
Target Cost	location, client/business type, photos separate, structured parking		Elise Rainville	DeVine, Dave	25-Jun			
Target Cost	Building benchmarks complete - Use Elise's template		Steve Clem & Dave Brown	Elise Rainville	27-Jun			
Target Cost	building benchmarks complete - Use Elise's template		Chris Frye	Elise Rainville	27-Jun			
Target Cost	Updated site location & GPS reference for borings		Rhett Crocker	Scott Reffett	27-Jun			
Target Cost	Building blocking and site orientation		Dave Brown	James Woods	30-Jun			
Target Cost	Estimated building occupancy counts - Based on LPL 2017 projections		Dave Brown		30-Jun			
Target Cost	Building benchmark summary complete		Elise Rainville	Sara Nomenilli	30-Jun			
Target Cost	Portfolio benchmark confirmation		Matt Feeney	Sara Nomenilli	30-Jun			
Target Cost	Building benchmarks complete - Use Elise's template		Paul Devine	Elise Rainville	30-Jun			
Target Cost	San Diego Tower cash outlay		Tim Brotherton	Elise Rainville	30-Jun			
Target Cost	Parking option layouts with cut/fill and parameters		Rhett Crocker	Dave Brown	2-Jul			
Target Cost	Input on grading, water retention, pond location		Rhett Crocker		2-Jul			
Target Cost	Skin & Aesthetic design defined with sketches and rough data		Dave Brown		3-Jul			
Target Cost	Solar shading and glare control optimum design (overhangs & fins)		James Woods		3-Jul			
Target Cost	Family groupings of sustainable strategies		James Woods		3-Jul			
Target Cost	Campus cooling plant demand		James Woods		3-Jul			
Target Cost	Preliminary LEED Scorecard (Platinum) & LBC Petals		John McFarland		3-Jul			
Target Cost	Cost feedback for parking options		Reed Thomas		3-Jul			
Target Cost	Make recommendation on parking option		Core Group		7-Jul Morning Meeting			
Target Cost	Floor plates with program areas		Dave Brown		8-Jul			
Target Cost	Test fit strategies to validate building width/size		Steve Clem		8-Jul			
Target Cost	Sustainable option narratives with descriptions & additional data (sketches & quantities)		James Woods	Reed Thomas	8-Jul			
Target Cost	Site layout with footprints and rough grade		Rhett Crocker	Reed Thomas	8-Jul			
Target Cost	Provide geotech report		Scott Reffett	Reed Thomas	9-Jul			
Target Cost	Grass s.f. per building		Dave Brown		13-Jul			
Target Cost	Preliminary GBCI and Living Building Challenge review & certification							

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Daily Huddle

Check-In Session Report-Out

Today's date

1 What commitments have you completed since our last check-in?							
Commitment							
2 What work will you complete today (by our next session)?							
Commitment							
3 What constraints are keeping you from getting your work done?							
Who's Responsible?							
4 Overall, are you still on track to meet your commitments to the project?							

JE Dunn current state....

- Last Planner® System on **all** Projects
- Pursuing Perfection Program
- Retrospectives
- Visual Controls
- Just-in-time Delivery
- Team Alignment
- Weekly Office Huddles
- Process Mapping
- Root Cause Problem Solving
- 5S
- Kanban
- A3s
- Purposeful meetings
- Last Planner® in Design
- Project Conditions of Satisfaction
- Lean Leadership Learning Sessions
- LPS for GMs

Results

- Higher employee engagement
- Improved trade, designer, owner relationships
- More efficient project delivery, better flow
- Over 100 Improvements made and shared
- Early identification and prevention of problems
- Less waste
- More value



*Lean is the
way we are,
not
something
that we do.*