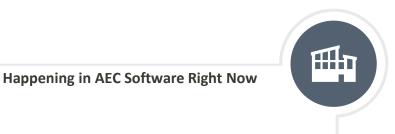


# Architecture, Engineering, and Construction Software Sector Update

Harris Williams | Q4 2022

# **Key Trends in the AEC Software Market**

The construction industry continues to embrace new technology and digital transformation efforts to improve safety, efficiency, and profitability.



### Modular, Off-Site, and Prefab Construction

The use of prefabrication and off-site construction is becoming a key strategic advantage for construction companies as speed, safety, and quality are all improved.

#### **Robots and Drones**

Construction robots and drones are helping enhance the safety and productivity of job sites by taking over repetitive, labor-intensive tasks and assisting with site surveys, progress monitoring, and inspections.



#### Wearables

Wearable technologies are becoming increasingly common on the job site. GPS, biometric, and environmental sensors are being outfitted to monitor workers' movements, vital signs, and safety conditions as part of broader efforts to capture more data from the job site.



3-D printing continues to emerge as a leading sustainable and efficient method of construction that produces less waste and requires fewer labor resources than traditional site-built construction.



# **Green Building**

Legislation and public interest in reducing the impact of climate change are driving adoption of green construction technologies, including solar, smart appliances and building systems, and zero-energy building design.

# **Artificial Intelligence and the Connected Construction Site**

Advanced technologies, including IoT devices, AI, and AR / VR, are helping AEC firms improve logistical challenges and increase worker safety while enabling managers to make faster and more informed decisions based on real-time data.





# Perspectives on AEC Software Landscape

#### **DESIGN**



Solutions to aid in the design and modeling of buildings and infrastructure

**Building Information** Modeling

**Computer-Aided Design** 

**Select Market Participants** 













## **Key Trends**

- Increased mandatory and voluntary adoption of 5D BIM across key project constituents
- Integration of building life cycle considerations, notably maintenance, operations, and energy usage, into the design stage, resulting in increased complexity and demand for technology innovation

### **PLAN**



Solutions designed to forecast and manage time, materials, and costs prior to work beginning

**Bidding** 

**Cost Estimating** 

Takeoff

**Select Market Participants** 









# **Key Trends**

- Incorporation of real-time material and cost data into the project planning stage to give owners and contractors greater clarity into project costs and timelines
- Integration of third-party estimation and takeoff tools into larger project management suites to create more seamless transitions between construction phases

### **BUILD**



Solutions designed to manage the build phase of the construction process, including planning, scheduling, labor, and logistics

**Project Management**  **Inventory** and Supply Chain

Workforce Management

**Select Market Participants** 

















## **Key Trends**

- Expansion of project management suites through addition of native tools or integration of third-party point solutions to create comprehensive platforms
- Adoption of field and mobile tools to connect the job site with the office to increase real-time visibility into projects



# What We're Reading

### **Construction Spending Dips, But Contractors Remain Optimistic**

#### Construction Dive - October 4, 2022

Headline declines in annual residential and nonresidential spending have painted a fearful picture of the short-term outlook in construction across the U.S. However, these discouraging macroeconomic trends are at odds with high contractor confidence across the industry, as many see the significant recent momentum in spend on water projects and commercial construction as demonstrating hope for continued expansion. *Read the full article here.* 

#### **Lumber Prices Fall Back to Around Their Pre-Covid Levels**

### Wall Street Journal – September 27, 2022

Following a rush to stockpile inventory during the height of COVID-19 that caused lumber prices to skyrocket, homebuilders have experienced an inverse movement in the price of materials against the Federal Reserve's recent interest rate hikes. With prices for lumber falling below prepandemic levels, industry leaders are implementing strategies to choke off production in order to maintain break-even profit.

Read the full article <u>here.</u>

# **Tomorrow's Equipment Operators**

### Engineering News Record – August 10, 2022

The construction industry faces a two-fold headwind with its labor force: fewer skilled workers and higher labor costs. In response, AEC firms are turning to virtual reality platforms for employee training and certification, allowing new hires to quickly and comprehensively be brought up to speed and put on the jobsite. Coupled with continued advancements in automated equipment, industry leaders see resiliency into the future. Read the full article here.

### **Procore to Expand Into Fintech Services, CEO Says**

### Construction Dive – August 10, 2022

The material procurement process has been a perpetual thorn in the side of the construction industry at large. Platforms like Procore, with its 2021 acquisition of payment and lien process management firm Levelset, are addressing this gap in effective construction payments offerings through M&A in order to augment its current workforce and invoice management offerings and drive holistic value creation for its users.

Read the full article here.

# **Recent Harris Williams Publications**

• Sector Update: Real Estate & Property Tech | Q3 2022



Link to Read

• Sector Update: Engineering & Construction | Q4 2022



Link to Read



# **Select Recent AEC Software Transactions**

Schneider Electric's pending acquisition of Aveva Group





Announced: September 21, 2022

- Provider of engineering design, information management, and software solutions to industrial, utility, data center, and energy customers
- By acquiring complete ownership of Aveva, Schneider will be able to grow the business faster by simplifying decision-making, enabling seamless interactions between teams, accelerating investments in R&D, and enabling a more coordinated sales strategy across the companies

# Trimble's acquisition of B2W Software





Closed: September 14, 2022

- Developer of a unified heavy construction software platform for the construction industry
- The acquisition of B2W expands Trimble's already extensive portfolio of civil and infrastructure solutions through the addition of a dedicated project management platform designed specifically for heavy civil construction contractors

OpenGov's acquisition of Cartegraph





Closed: September 1, 2022

- Developer of infrastructure management and public agency operations solutions software intended for government agencies, utilities, and educational institutions
- This acquisition enhances OpenGov's portfolio of solutions for state and local government through the addition of asset management tools for public works, utilities, parks, and other government-owned facilities

### **Compusoft's acquisition of Resource and Financial Management Systems**

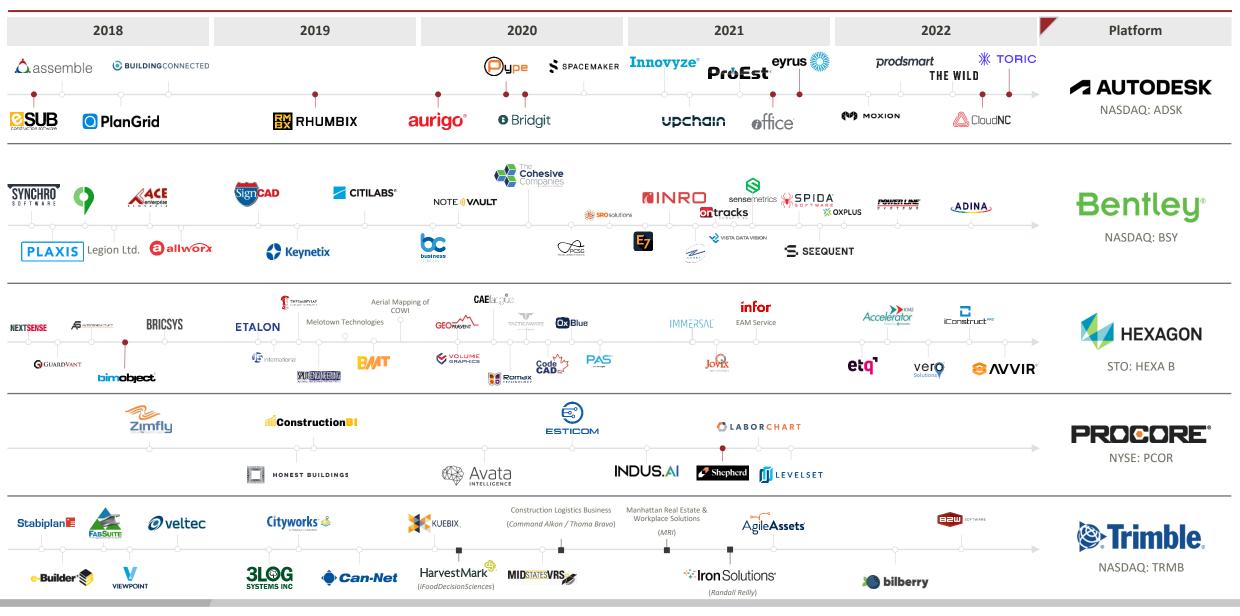




Closed: July 12, 2022

- · Provider of a full suite of ERP and business management solutions for flooring businesses
- This investment expands Compusoft + 2020's coverage of the "Spaces for the Living" ecosystem, establishing a leading presence in the North American flooring market. The combined company will be ideally positioned to be the reference end-to-end platform dedicated to the global flooring industry

# **Select Public Company AEC Software Acquisition Activity**

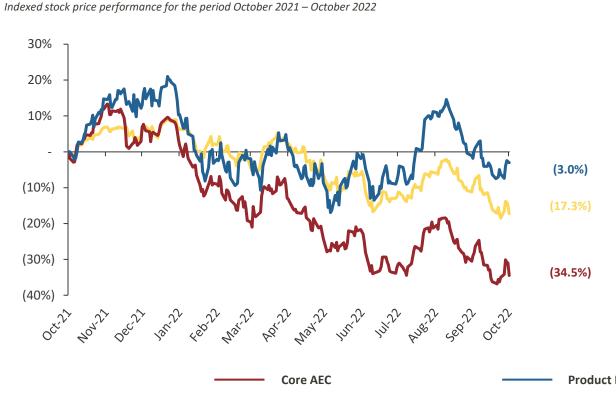


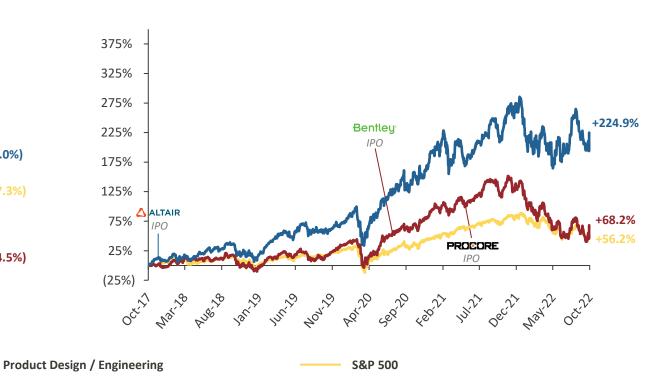
# **AEC Sector Public Company Trended Stock Performance**

# Public Company Stock Performance – Last 12 Months

# Public Company Stock Performance – 5 Years

Indexed stock price performance for the period October 2017 – October 2022





Core AEC **✓** AUTODESK

**NEMETSCHEK** 

**Bentley**<sup>®</sup>

PROCORE









**Product Engineering / Design** 











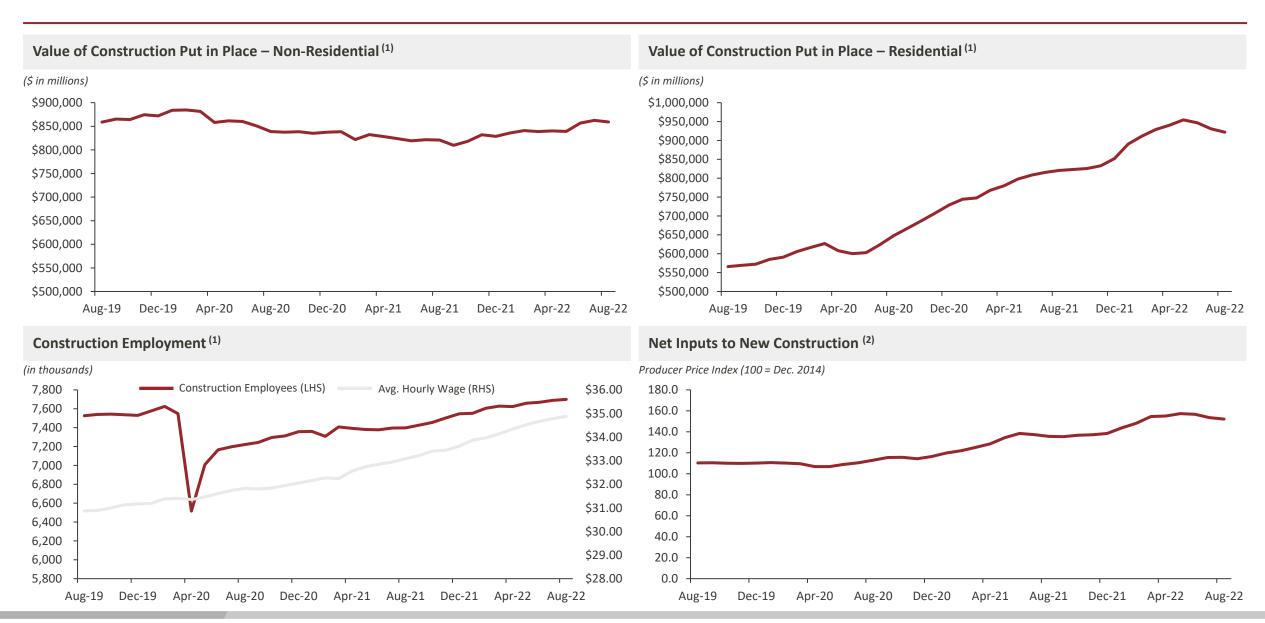
SYNOPSYS<sup>®</sup>



**GROUP** 

Source: S&P Capital IQ

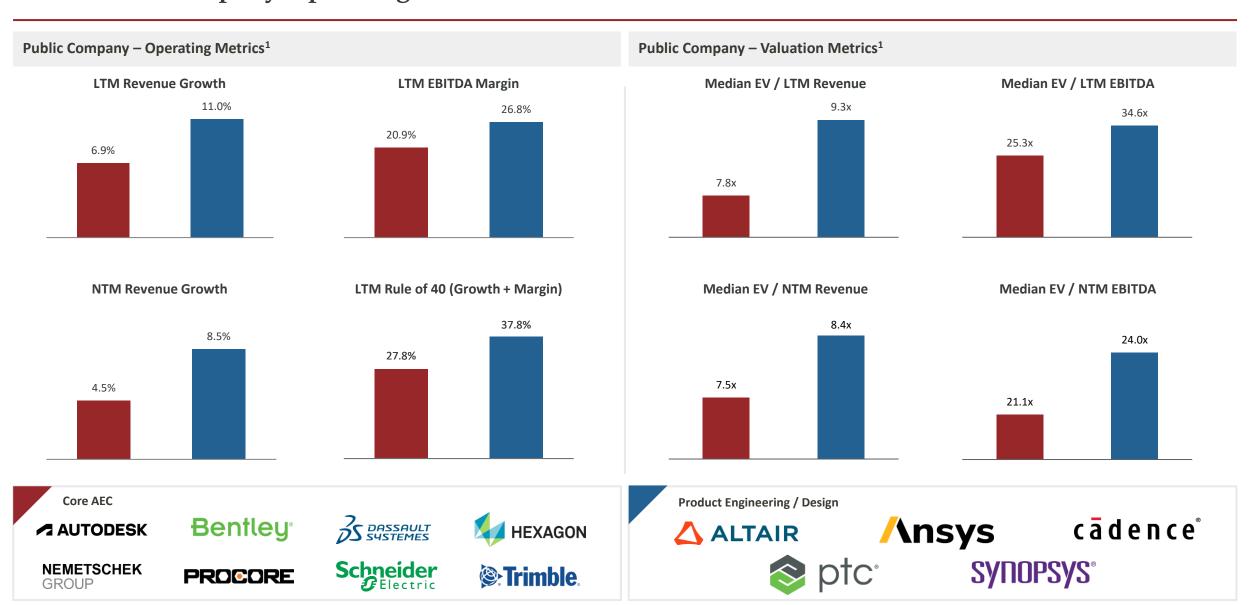
# **Overall Construction Macroeconomic Environment**





<sup>(1)</sup> Source: Federal Reserve Bank of St. Louis – Economic Research Division

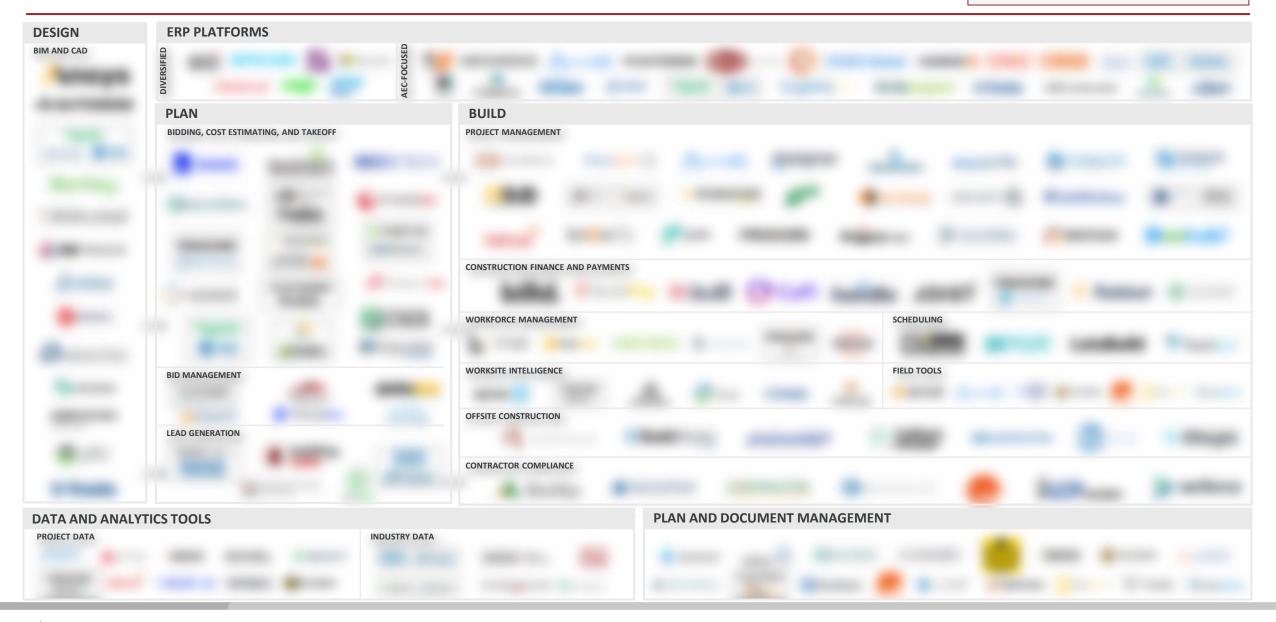
# **AEC Public Company Operating and Valuation Metrics**



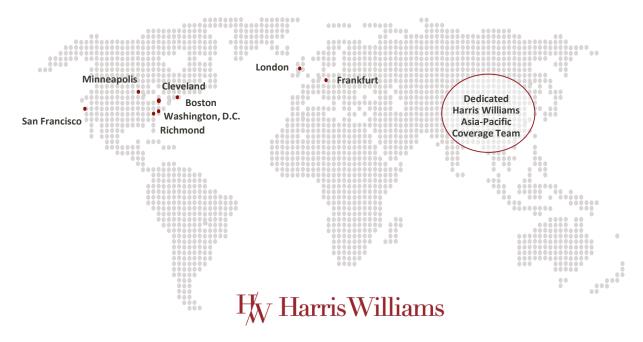
# **AEC Market Landscape**

To view full market map, please contact:

hwtech AEC/RE@harriswilliams.com



# Harris Williams: At a Glance











- 30 years and thousands of deals closed
- **70%** of revenue from repeat clients
- 100% of revenue is from M&A advisory
- 8 offices across the U.S. and Europe
- 10 industry groups with deep sector expertise

# The Harris Williams Technology Group

### **Technology Coverage Areas**

- Application Software
- Infrastructure & Security Software
- IT & Managed Services

## **Sector Coverage Areas**

- Architecture, Engineering,
   & Construction
- Education
- Human Capital Management
- Pharma

- Compliance
- Government & Public Sector
- Industrial
- Legal
- Real Estate & Property Tech
- eCommerce & Retail
- Healthcare
- Office of the CFO
- Supply Chain & Logistics

### **Thematic Focus Areas**

- SaaS/Cloud
- Integrated Payments
  - Digital Transformation
     AI/Machine Learning

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# Harris Williams Technology Group Transaction Experience

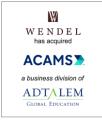
















































































# Harris Williams Capabilities and Locations



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Aerospace, Defense & Government Services



Business Services



Building Products & Materials



Consumer



Energy, Power & Infrastructure



Healthcare & Life Sciences



Industrials



Specialty Distribution



Technology



Transportation & Logistics

### **Office Locations**

#### **United States**

#### **Boston**

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#### Richmond

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#### Washington, D.C.

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#### London

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# Sources and Disclosures

#### Sources

- 1. S&P Capital IQ
- 2. Pitchbook
- 3. https://www.constructiondive.com/news/nonresidential-construction-spending-dips-contractors-optimistic/633272/
- 4. <a href="https://www.wsj.com/articles/lumber-prices-fall-back-to-around-their-pre-covid-levels-11664239652?mod=hp\_lead\_pos5">https://www.wsj.com/articles/lumber-prices-fall-back-to-around-their-pre-covid-levels-11664239652?mod=hp\_lead\_pos5</a>
- 5. <a href="https://www.enr.com/articles/54588-tomorrows-equipment-operators">https://www.enr.com/articles/54588-tomorrows-equipment-operators</a>
- 6. https://www.constructiondive.com/news/procore-fintech-expansion-opportunities-construction-earnings/629352/

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# Appendix



# **Recent Sector M&A Transactions Detail**

Closed Date	Target	Acquirer	Business Description	Enterprise Value (\$M)	Implied EV / Revenue	Implied EV / EBITDA
Pending	AVEVA	Schneider Electric	AVEVA is a provider of engineering design, information management, and software solutions for the AEC, energy, and other end markets.	\$12,294.1	8.3x	78.7x
Pending	BIM SPOT	smino	BIM SPOT provides a software solution that supports the BIM-based process of building design, construction, and operation.	NA	NA	NA
Pending	Quest Construction Data Network	BuildCentral	Quest Construction Data Network develops SaaS-based bid management systems for public construction, RFPs, and general goods and services procurement.	NA	NA	NA
09/28/22	Computer Line Associates	CADMATIC	Computer Line Associates provides software solutions and services to EPC contractors and infrastruction owner-operators.	NA	NA	NA
09/14/22	LoadSpring Solutions	Blattner Technologies	LoadSpring Solutions develops and provides cloud-computing based project management software.	NA	NA	NA
09/14/22	B2W Software	Trimble Inc.	B2W Software Inc. provides construction software, services, and solutions for the heavy construction industry.	NA	NA	NA
09/01/22	Cartegraph Systems	OpenGov	Cartegraph Systems is a provider of asset management software for government agencies, utilities, and educational institutions.	\$400.0	NA	NA
09/01/22	Cloudmilling	PTC	Cloudmilling develops and operates a cloud-native CAM platform for machinists and engineers.	NA	NA	NA
08/22/22	Bimfire Tools	Symetri	Bimfire Software is a provider of a Revit plugin for fire safety design, which integrates fire safety information directly into the BIM process for a digital workflow.	NA	NA	NA
08/18/22	Computer Aided Technology	GoEngineer	Computer Aided Technology distributes and implements software and hardware solutions for 3D solid modeling and analysis, and enterprise-wide data management.	NA	NA	NA
07/29/22	Nativ Labs	Built Technologies	Nativ Labs Inc develops and operates a deal management enterprise software for commercial real estate investment industry.	NA	NA	NA
07/12/22	SingleOps LLC	FTV; Five Elms Capital	SingleOps LLC develops business management and cloud-based scheduling software solutions.	NA	NA	NA
07/17/77	Resource and Financial Management Systems (RFMS)	Compusoft + 2020 (TA Associates)	RFMS is a provider of ERP, CRM, measuring, and estimating applications, and payment solutions to the flooring industry.	NA	NA	NA
07/06/22	BoCad 2 software division of AVEVA	Schuller & Company	BoCad 2 is a provider of 3D software solutions for the design of steel structures, cladding, glazing, and timber for the AEC industry.	NA	NA	NA

15 Source: S&P Capital IQ



# Public Market Operational and Valuation Metrics<sup>(1)</sup>

\$ in Thousands	Market	Enterprise	% of 52-Week	LTM	LTM	Enterprise Value/			
Company	Capitalization	Value	High	Gross Margin	EBITDA Margin	LTM Revenue	NTM Revenue	LTM EBITDA	NTM EBITDA
			Core	AEC					
Schneider Electric S.E.	\$63,655,110	\$77,227,136	65.4%	40.6%	18.6%	2.4x	2.4x	12.7x	11.8x
Dassault Systèmes SE	46,055,807	46,578,491	62.9%	84.0%	24.6%	8.5x	8.3x	34.6x	22.1x
Autodesk, Inc.	40,322,471	41,842,471	55.7%	91.6%	20.9%	8.8x	7.9x	42.3x	21.1x
Hexagon AB	25,389,301	29,190,890	71.1%	64.6%	31.5%	5.9x	5.6x	18.7x	14.4x
Trimble Inc.	13,440,368	14,498,768	59.0%	58.2%	20.8%	3.9x	3.7x	18.5x	14.3x
Bentley Systems, Inc.	9,481,266	11,265,979	49.0%	78.4%	19.0%	10.6x	9.7x	55.7x	28.7x
Nemets chek SE	5,575,667	5,594,279	42.4%	54.5%	28.1%	7.1x	7.0x	25.3x	21.8x
Procore Technologies, Inc.	6,769,321	6,295,310	47.0%	80.0%	NM	10.3x	8.2x	NM	NM
Core AEC Median	\$19,414,835	\$21,844,829	57.3%	71.5%	20.9%	7.8x	7.5x	25.3x	21.1x
			Product Design	n / Engineering					
Synopsys, Inc.	\$46,715,943	\$45,901,461	78.1%	80.7%	26.8%	9.3x	8.4x	34.6x	24.0x
Cadence Design Systems, Inc.	44,758,574	44,077,029	83.8%	89.7%	34.5%	13.4x	12.2x	38.9x	29.0x
ANSYS, Inc.	19,303,124	19,671,013	53.6%	90.3%	33.7%	9.9x	9.3x	29.3x	21.1x
PTC Inc.	12,286,983	13,584,577	76.9%	79.5%	25.7%	7.1x	6.6x	27.7x	18.2x
Altair Engineering Inc.	3,535,223	3,449,535	53.3%	77.6%	11.9%	6.2x	5.9x	52.2x	35.1x
Product Design / Engineering Median	\$19,303,124	\$19,671,013	76.9%	80.7%	26.8%	9.3x	8.4x	34.6x	24.0x
Comp Set Median	\$19,303,124	\$19,671,013	59.0%	79.5%	25.2%	8.5x	7.9x	31.9x	21.4x



# Public Market Operational and Valuation Metrics<sup>(1)</sup>

Company         Capitalization         Value         High         Gross Margin         ENTIA Margin         TMR Revenue         NTM Revenue         LTM ENTIAL LTM ENTIA		e Value/	Enterprise		LTM	LTM	% of 52-Week	Enterprise	Market	\$ in Thousands
D.R. Horton, Inc. \$23,402,878 \$28,326,478 61.0% 30.0% 23.1% 0.9x 0.9x 3.8x Lennar Corp. 21,706,469 26,219,013 63.4% 28.2% 22.9% 0.8x 0.8x 3.6x NVR, Inc. 13,088,268 12,622,239 66.6% 26.4% 21.4% 1.3x 1.4x 61.x PulteGroup, Inc. 8,681,186 10,546,343 64.6% 28.7% 20.1% 0.7x 0.6x 3.5x Residential Median \$17,397,369 \$19,420,626 64.0% 28.5% 21.1% 0.9x 0.8x 3.7x PulteGroup, Inc. 13,1843,933 \$17,832,434 72.2% 23.3% 10.4% 1.2x 1.1x 11.7x 11.7x WSP Global Inc. 13,770,811 15,463,029 80.9% 19.3% 9.5% 1.8x 2.1x 19.1x 19.1x AECOM 95,478,51 11,632,530 85.5% 6.5% 6.6% 0.9x 0.8x 13.5x KBR, Inc. 6,009,464 7,482,464 75.9% 10.8% 6.7% 1.0x 1.1x 14.6x Hochtief 3,602,349 4,409,375 66.1% 23.7% 11.8% 0.2x 0.2x 16.6x SNC-Lavalin Group Inc. 2,940,929 4,418,549 63.9% 11.7% 3.5% 0.5x 0.5x 0.5x 13.6x EP&C Median \$5,593,192 \$6,644,216 69.1% 11.3% 11.7% 3.5% 0.5x 0.5x 0.5x 13.6x EP&C Median \$5,593,192 \$6,644,216 69.1% 11.3% 14.5% 14.9% 1.3x 1.3x 8.4x 6.6x 0.9x 0.9x 14.1x 1.9x 0.9x 0.9x 0.9x 14.1x 1.9x 0.9x 0.9x 0.9x 0.9x 0.9x 0.9x 0.9x 0	BITDA NTM EBITDA	LTM EBITDA	NTM Revenue	LTM Revenue	EBITDA Margin	Gross Margin	High	Value	Capitalization	Company
Lennar Corp.         21,706,469         26,219,013         63.4%         28.2%         22.9%         0.8x         0.8x         3.6x           NVR, Inc.         13,088,268         12,622,239         66.6%         26.4%         21.4%         1.3x         1.4x         6.1x           PulteGroup, Inc.         8,681,186         10,546,343         64.6%         28.7%         20.1%         0.7x         0.6x         3.5x           Englace Fronce Fr						ential	Resido			
NVR, Inc. 13,088,268 12,622,239 66.6% 26.4% 21.4% 1.3x 1.4x 6.1x PulteGroup, Inc. 8,681,186 10,546,343 64.6% 28.7% 20.1% 0.7x 0.6x 3.5x Residential Median \$17,397,369 \$19,420,626 6.40.% 28.5% 22.1% 0.9x 0.8x 3.7x \$1.4x 1.4x 1.4x 1.4x 1.4x 1.4x 1.4x 1.4x	8x 3.9x	3.8x	0.9x	0.9x	23.1%	30.0%	61.0%	\$28,326,478	\$23,402,878	D.R. Horton, Inc.
PulteGroup, Inc.         8,681,186         10,546,343         64.6%         28.7%         20.1%         0.7x         0.6x         3.5x           Residential Median         \$17,397,369         \$19,420,626         64.0%         28.5%         22.1%         0.9x         0.8x         3.7x           Engine-ring, Procurement, and Construction           Union Solutions Inc.         \$13,843,933         \$17,832,434         72.2%         23.3%         10.4%         1.2x         1.1x         11.7x           WSP Global Inc.         13,770,811         15,463,029         80.9%         19.3%         9.5%         1.8x         2.1x         19.1x           AECOM         9,547,851         11,632,530         85.5%         6.5%         6.6%         0.9x         0.8x         13.5x           Skanska AB (publ)         5,176,920         5,805,968         55.8%         9.9%         5.5%         0.4x         0.4x         7.1x           KBR, Inc.         6,009,464         7,482,464         75.9%         10.8%         6.7%         1.0x         1.1x         14.6x           Hochtief         3,602,389         4,409,175         66.1%         23.7%         1.1%         0.2x         0.2x         0.2x         16.6x	6x 4.6x	3.6x	0.8x	0.8x	22.9%	28.2%	63.4%	26,219,013	21,706,469	Lennar Corp.
Residential Median \$17,397,369 \$19,420,626 64.0% 28.5% 22.1% 0.9x 0.8x 3.7x    Standard Solutions Inc.   \$13,843,933 \$17,832,434 72.2% 23.3% 10.4% 1.2x 1.1x 11.7x     WSP Global Inc.   13,770,811 15,463,029 80.9% 19.3% 9.5% 1.8x 2.1x 19.1x     AECOM 9,547,851 11,632,530 85.5% 6.5% 6.6% 0.9x 0.8x 13.5x     Skanska AB (publ) 5,176,920 5,805,968 55.8% 9.9% 5.5% 0.4x 0.4x 7.1x     HBChitlef 3,600,389 4,409,175 66.1% 23.7% 11.8 0.2x 0.2x 16.6x     SNC-Lavalin Group Inc.   2,940,929 4,418,549 63.9% 5.7% 4.6% 0.8x 0.8x 0.8x 16.3x     Shandard Group PLC 961,395 3,069,095 49.9% 11.7% 3.5% 0.5x 0.5x 0.5x 13.6x     EPRC Median \$5,593,192 \$6,644,216 69.1% 11.3% 6.1% 0.8x 0.8x 0.8x 14.1x     Standard Group Flo.   16,570,667 25,477,211 83.3% 82.8% 8.1% 3.4x 3.6x 42.2x     Atlantia SpA 18,154,162 49,588,408 97.7% 59.5% 60.3% 6.9x 7.4x 11.4x     Bouygues SA 9,921,224 18,477,569 74.7% 54.9% 9.8% 0.5x 0.5x 0.5x 0.5x 4.6x     Elifage SA 7,714,458 20,497,231 82.9% 82.8% 15.4% 10.0x 1.1x 1.1x 6.4x     ACCOM	1x 6.8x	6.1x	1.4x	1.3x	21.4%	26.4%	66.6%	12,622,239	13,088,268	NVR, Inc.
Second   Procurement   Find   Procurement   Find   Procurement   Find   Procurement   Find   Procurement   Find   Procurement   Find   Find	5x 3.0x	3.5x	0.6x	0.7x	20.1%	28.7%	64.6%	10,546,343	8,681,186	PulteGroup, Inc.
Jacobs Solutions Inc. \$13,843,933 \$17,832,434 72.2% 23.3% 10.4% 1.2x 1.1x 11.7x WSP Global Inc. 13,770,811 15,463,029 80.9% 19.3% 9.5% 1.8x 2.1x 19.1x AECOM 9,547,851 11,632,530 85.5% 6.5% 6.6% 0.9x 0.8x 13.5x Skanska AB (publ) 5,176,920 5,805,968 55.8% 9.9% 5.5% 0.4x 0.4x 7.1x KBR, Inc. 6,009,464 7,482,464 75.9% 10.8% 6.7% 1.0x 1.1x 14.6x Hochtief 3,602,389 4,409,175 66.1% 23.7% 1.1% 0.2x 0.2x 16.6x SNC-Lavalin Group Inc. 2,940,929 4,418,549 63.9% 5.7% 4.6% 0.8x 0.8x 0.8x 16.3x John Wood Group PLC 961,395 3,069,095 49.9% 11.7% 3.5% 0.5x 0.5x 0.5x 13.6x EP&C Median \$5,593,192 \$6,644,216 69.1% 11.3% 6.1% 0.8x 0.8x 0.8x 14.1x Ferrovial SA \$46,050,205 \$73,832,977 80.2% 14.5% 14.9% 1.3x 1.3x 8.4x Ferrovial SA 18,154,162 49,588,408 97.7% 59.5% 60.3% 6.9x 7.4x 11.4x Bouygues SA 9,921,224 18,477,569 74.7% 54.9% 9.8% 0.5x 0.5x 0.5x 0.5x 4.6x Elffage SA 7,714,458 20,497,231 82.9% 82.8% 15.4% 10.0x 1.1x 1.1x 6.4x	7x 4.3x	3.7x	0.8x	0.9x	22.1%	28.5%	64.0%	\$19,420,626	\$17,397,369	Residential Median
WSP Global Inc.  13,770,811  15,463,029  80.9%  19.3%  9.5%  1.8x  2.1x  19.1x  AECOM  9,547,851  11,632,530  85.5%  6.5%  6.6%  0.9x  0.8x  13.5x  Skanska AB (publ)  5,176,920  5,805,968  55.8%  9.9%  5.5%  0.4x  0.4x  7.1x  KBR, Inc.  6,009,464  7,482,464  75.9%  10.8%  6.7%  1.0x  1.1x  14.6x  Hochtief  3,602,389  4,409,175  66.1%  23.7%  1.1%  0.2x  0.2x  16.6x  SNC-Lavalin Group Inc.  2,940,929  4,418,549  63.9%  5.7%  4.6%  0.8x  0.8x  0.8x  16.3x  John Wood Group PLC  961,395  3,069,095  49.9%  11.7%  3.5%  0.5x  0.5x  13.6x  EBRC Median  55,593,192  \$6,644,216  69.1%  11.3%  6.1%  0.8x  0.8x  14.1x  European Public - Private Partnerships  Vinci SA  \$46,050,205  \$73,832,977  80.2%  14.5%  14.9%  1.3x  1.3x  8.4x  Ferrovial SA  Atlantia SpA  18,154,162  49,588,408  97.7%  59.5%  60.3%  6.9x  7.4x  11.4x  Bouygues SA  9,921,224  18,477,569  74.7%  54.9%  9.8%  0.5x  0.5x  0.5x  4.6x  Elffage SA  7,714,458  20,497,231  82.9%  82.8%  15.4%  10.x  11.0x  1.1x  1.1x  1.4x  1.4x  6.4x					ction	ent, and Constru	neering, Procurem	Engi		
AECOM         9,547,851         11,632,530         85.5%         6.5%         6.6%         0.9x         0.8x         13.5x           Skanska AB (publ)         5,176,920         5,805,968         55.8%         9.9%         5.5%         0.4x         0.4x         7.1x           KBR, Inc.         6,009,464         7,482,464         75.9%         10.8%         6.7%         1.0x         1.1x         14.6x           Hochtief         3,602,389         4,409,175         66.1%         23.7%         1.1%         0.2x         0.2x         0.2x         16.6x           SNC-Lavalin Group Inc.         2,940,929         4,418,549         63.9%         5.7%         4.6%         0.8x         0.8x         16.3x           John Wood Group PLC         961,395         3,069,095         49.9%         11.7%         3.5%         0.5x         0.5x         13.6x           EP&C Median         \$5,593,192         \$6,644,216         69.1%         11.3%         6.1%         0.8x         0.8x         14.1x           EP&C Median         \$46,050,205         \$73,832,977         80.2%         14.5%         14.9%         1.3x         1.3x         8.4x           Ferrovial SA         16,570,667         25,477,211         83.3	7x 12.0x	11.7x	1.1x	1.2x	10.4%	23.3%	72.2%	\$17,832,434	\$13,843,933	Jacobs Solutions Inc.
Skanska AB (publ)         5,176,920         5,805,968         55.8%         9.9%         5.5%         0.4x         0.4x         7.1x           KBR, Inc.         6,009,464         7,482,464         75.9%         10.8%         6.7%         1.0x         1.1x         14.6x           Hochtief         3,602,389         4,409,175         66.1%         23.7%         1.1%         0.2x         0.2x         16.6x           SNC-Lavalin Group Inc.         2,940,929         4,418,549         63.9%         5.7%         4.6%         0.8x         0.8x         16.3x           John Wood Group PLC         961,395         3,069,095         49.9%         11.7%         3.5%         0.5x         0.5x         13.6x           EP&C Median         \$5,593,192         \$6,644,216         69.1%         11.3%         6.1%         0.8x         0.8x         14.1x           European Public - Private Partnerships           Vinci SA         \$46,050,205         \$73,832,977         80.2%         14.5%         14.9%         1.3x         1.3x         8.4x           Ferrovial SA         16,570,667         25,477,211         83.3%         82.8%         8.1%         3.4x         3.6x         42.2x           Atlanti	.1x 12.5x	19.1x	2.1x	1.8x	9.5%	19.3%	80.9%	15,463,029	13,770,811	WSP Global Inc.
KBR, Inc.         6,009,464         7,482,464         75.9%         10.8%         6.7%         1.0x         1.1x         14.6x           Hochtief         3,602,389         4,409,175         66.1%         23.7%         1.1%         0.2x         0.2x         16.6x           SNC-Lavalin Group Inc.         2,940,929         4,418,549         63.9%         5.7%         4.6%         0.8x         0.8x         16.3x           John Wood Group PLC         961,395         3,069,095         49.9%         11.7%         3.5%         0.5x         0.5x         13.6x           EP&C Median         \$5,593,192         \$6,644,216         69.1%         11.3%         6.1%         0.8x         0.8x         14.1x           European Public - Private Partnerships           Vinci SA         \$46,050,205         \$73,832,977         80.2%         14.5%         14.9%         1.3x         1.3x         8.4x           Ferrovial SA         16,570,667         25,477,211         83.3%         82.8%         8.1%         3.4x         3.6x         42.2x           Atlantia SpA         18,154,162         49,588,408         97.7%         59.5%         60.3%         6.9x         7.4x         11.4x           Bouygue	.5x 12.4x	13.5x	0.8x	0.9x	6.6%	6.5%	85.5%	11,632,530	9,547,851	AECOM
Hochtief 3,602,389 4,409,175 66.1% 23.7% 1.1% 0.2x 0.2x 16.6x SNC-Lavalin Group Inc. 2,940,929 4,418,549 63.9% 5.7% 4.6% 0.8x 0.8x 16.3x John Wood Group PLC 961,395 3,069,095 49.9% 11.7% 3.5% 0.5x 0.5x 13.6x EP&C Median \$\$5,593,192 \$6,644,216 69.1% 11.3% 6.1% 0.8x 0.8x 14.1x \$\$Vinci SA \$46,050,205 \$73,832,977 80.2% 14.5% 14.9% 1.3x 1.3x 1.3x 8.4x Ferrovial SA 16,570,667 25,477,211 83.3% 82.8% 8.1% 3.4x 3.6x 42.2x Atlantia SpA 18,154,162 49,588,408 97.7% 59.5% 60.3% 6.9x 7.4x 11.4x Bouygues SA 9,921,224 18,477,569 74.7% 54.9% 9.8% 0.5x 0.5x 0.5x 4.6x Eiffage SA 7,714,458 20,497,231 82.9% 82.8% 15.4% 15.4% 1.0x 1.1x 6.4x	1x 6.3x	7.1x	0.4x	0.4x	5.5%	9.9%	55.8%	5,805,968	5,176,920	Skanska AB (publ)
SNC-Lavalin Group Inc.         2,940,929         4,418,549         63.9%         5.7%         4.6%         0.8x         0.8x         16.3x           John Wood Group PLC         961,395         3,069,095         49.9%         11.7%         3.5%         0.5x         0.5x         13.6x           EP&C Median         \$5,593,192         \$6,644,216         69.1%         11.3%         6.1%         0.8x         0.8x         14.1x           European Public - Private Partnerships           Vinci SA         \$46,050,205         \$73,832,977         80.2%         14.5%         14.9%         1.3x         1.3x         8.4x           Ferrovial SA         16,570,667         25,477,211         83.3%         82.8%         8.1%         3.4x         3.6x         42.2x           Atlantia SpA         18,154,162         49,588,408         97.7%         59.5%         60.3%         6.9x         7.4x         11.4x           Bouygues SA         9,921,224         18,477,569         74.7%         54.9%         9.8%         0.5x         0.5x         4.6x           Eiffage SA         7,714,458         20,497,231         82.9%         82.8%         15.4%         1.0x         1.1x         6.4x	.6x 11.1x	14.6x	1.1x	1.0x	6.7%	10.8%	75.9%	7,482,464	6,009,464	KBR, Inc.
John Wood Group PLC         961,395         3,069,095         49.9%         11.7%         3.5%         0.5x         0.5x         13.6x           EP&C Median         \$5,593,192         \$6,644,216         69.1%         11.3%         6.1%         0.8x         0.8x         14.1x           European Public - Private Partnerships           Vinci SA         \$46,050,205         \$73,832,977         80.2%         14.5%         14.9%         1.3x         1.3x         8.4x           Ferrovial SA         16,570,667         25,477,211         83.3%         82.8%         8.1%         3.4x         3.6x         42.2x           Atlantia SpA         18,154,162         49,588,408         97.7%         59.5%         60.3%         6.9x         7.4x         11.4x           Bouygues SA         9,921,224         18,477,569         74.7%         54.9%         9.8%         0.5x         0.5x         4.6x           Eiffage SA         7,714,458         20,497,231         82.9%         82.8%         15.4%         1.0x         1.1x         6.4x	3.8x	16.6x	0.2x	0.2x	1.1%	23.7%	66.1%	4,409,175	3,602,389	Hochtief
EP&C Median         \$5,593,192         \$6,644,216         69.1%         11.3%         6.1%         0.8x         0.8x         14.1x           European Public - Private Partnerships           Vinci SA         \$46,050,205         \$73,832,977         80.2%         14.5%         14.9%         1.3x         1.3x         8.4x           Ferrovial SA         16,570,667         25,477,211         83.3%         82.8%         8.1%         3.4x         3.6x         42.2x           Atlantia SpA         18,154,162         49,588,408         97.7%         59.5%         60.3%         6.9x         7.4x         11.4x           Bouygues SA         9,921,224         18,477,569         74.7%         54.9%         9.8%         0.5x         0.5x         4.6x           Eiffage SA         7,714,458         20,497,231         82.9%         82.8%         15.4%         1.0x         1.1x         6.4x	5.3x 9.2x	16.3x	0.8x	0.8x	4.6%	5.7%	63.9%	4,418,549	2,940,929	SNC-Lavalin Group Inc.
European Public - Private Partnerships           Vinci SA         \$46,050,205         \$73,832,977         80.2%         14.5%         14.9%         1.3x         1.3x         8.4x           Ferrovial SA         16,570,667         25,477,211         83.3%         82.8%         8.1%         3.4x         3.6x         42.2x           Atlantia SpA         18,154,162         49,588,408         97.7%         59.5%         60.3%         6.9x         7.4x         11.4x           Bouygues SA         9,921,224         18,477,569         74.7%         54.9%         9.8%         0.5x         0.5x         4.6x           Eiffage SA         7,714,458         20,497,231         82.9%         82.8%         15.4%         1.0x         1.1x         6.4x	.6x 7.5x	13.6x	0.5x	0.5x	3.5%	11.7%	49.9%	3,069,095	961,395	John Wood Group PLC
Vinci SA       \$46,050,205       \$73,832,977       80.2%       14.5%       14.9%       1.3x       1.3x       8.4x         Ferrovial SA       16,570,667       25,477,211       83.3%       82.8%       8.1%       3.4x       3.6x       42.2x         Atlantia SpA       18,154,162       49,588,408       97.7%       59.5%       60.3%       6.9x       7.4x       11.4x         Bouygues SA       9,921,224       18,477,569       74.7%       54.9%       9.8%       0.5x       0.5x       4.6x         Eiffage SA       7,714,458       20,497,231       82.9%       82.8%       15.4%       1.0x       1.1x       6.4x	.1x 10.1x	14.1x	0.8x	0.8x	6.1%	11.3%	69.1%	\$6,644,216	\$5,593,192	EP&C Median
Ferrovial SA         16,570,667         25,477,211         83.3%         82.8%         8.1%         3.4x         3.6x         42.2x           Atlantia SpA         18,154,162         49,588,408         97.7%         59.5%         60.3%         6.9x         7.4x         11.4x           Bouygues SA         9,921,224         18,477,569         74.7%         54.9%         9.8%         0.5x         0.5x         4.6x           Eiffage SA         7,714,458         20,497,231         82.9%         82.8%         15.4%         1.0x         1.1x         6.4x					ps	rivate Partnershi	European Public - P	E		
Atlantia SpA       18,154,162       49,588,408       97.7%       59.5%       60.3%       6.9x       7.4x       11.4x         Bouygues SA       9,921,224       18,477,569       74.7%       54.9%       9.8%       0.5x       0.5x       4.6x         Eiffage SA       7,714,458       20,497,231       82.9%       82.8%       15.4%       1.0x       1.1x       6.4x	4x 7.5x	8.4x	1.3x	1.3x	14.9%	14.5%	80.2%	\$73,832,977	\$46,050,205	Vinci SA
Bouygues SA       9,921,224       18,477,569       74.7%       54.9%       9.8%       0.5x       0.5x       4.6x         Eiffage SA       7,714,458       20,497,231       82.9%       82.8%       15.4%       1.0x       1.1x       6.4x	.2x 33.1x	42.2x	3.6x	3.4x	8.1%	82.8%	83.3%	25,477,211	16,570,667	Ferrovial SA
Eiffage SA 7,714,458 20,497,231 82.9% 82.8% 15.4% 1.0x 1.1x 6.4x	.4x 11.6x	11.4x	7.4x	6.9x	60.3%	59.5%	97.7%	49,588,408	18,154,162	Atlantia SpA
	6x 4.7x	4.6x	0.5x	0.5x	9.8%	54.9%	74.7%	18,477,569	9,921,224	Bouygues SA
Euro Median \$16,570,667 \$25,477,211 82.9% 59.5% 14.9% 1.3x 1.3x 8.4x	4x 6.1x	6.4x	1.1x	1.0x	15.4%	82.8%	82.9%	20,497,231	7,714,458	Eiffage SA
	4x 7.5x	8.4x	1.3x	1.3x	14.9%	59.5%	82.9%	\$25,477,211	\$16,570,667	Euro Median
Construction Median \$9,114,518 \$11,089,436 65.3% 21.3% 8.1% 0.9x 0.8x 12.6x	6x 7.2x	12.6x	0.8x	0.9x	8.1%	21.3%	65.3%	\$11,089,436	\$9,114,518	Construction Median

