

# BUILDING DESIGN<sup>®</sup> + CONSTRUCTION

WHERE  
TECHNOLOGY  
AND INNOVATION  
COLLIDE

JULY/AUGUST 2024

## 2024 GIANTS 400 REPORT

Ranking the Nation's Largest  
Architecture, Engineering, and  
Construction Firms

19

TORREY VIEW DEVELOPMENT  
SAN DIEGO, CALIF.

SGC HORIZON

Program encourages the firm’s employee-owners to become creative problem-solvers by providing funding for innovation projects. “The program’s success is undeniable. It has already championed nine transformative projects, each tackling unique challenges and complexities, ultimately saving resources or driving new revenue streams,” says the firm.

**Haskell’s** venture capital arm, Dysruptek, continues to launch, develop, and support ConTech innovations. Its latest development, Steel Harmony, is a plugin for Autodesk’s Revit platform

that catalogs unallocated steel in the Haskell Steel (the company’s steel fabrication operation) inventory and matches applicable members with designers’ plans, saving time and money. Dysruptek also formed a partnership with Hyperframe, a metal framework kit that can be snapped together in minutes. Hyperframe begins building the framework using its proprietary web-based application called HyperBIM. After loading the structure’s design into the application, it extracts the wall components and automatically runs a clash detection. It then highlights any conflicts

and optimizes the model. Its installation process uses AR headsets to give real-time instructions on where each piece needs to be snapped into place.

**Hill International** implemented the use of data analytics, automated workflows, and purpose-built dashboards on large projects and programs. Benefits include real-time performance measurement, identifying bottlenecks, and evaluating key performance indicators (KPIs). The results have been so positive that the firm is exploring ways to offer its data analytics capabilities as a stand-alone

service.

**HITT Contracting’s** dedicated R&D team, Co|Lab, investigated more than 20 projects with 25 partners in 2023, including one of the first 3D printing uses of Caracol’s Heron AM robotic arm in the U.S. The team also pioneered ECOPact, a low-carbon concrete mix, alongside Holcim and Baker Concrete, on a data center in Virginia. ECOPact emits 35-45% less carbon than standard concrete, says the firm.

**Lease Crutcher Lewis** is aiming to be the first regional contractor to commit to reducing embodied carbon

**CONTRACTORS** □ TOP 90

Rank	Company	2023 GC Revenue	Rank	Company	2023 GC Revenue	Rank	Company	2023 GC Revenue
1.	Turner Construction	\$16,994,841,680	31.	Clune Construction	\$2,029,492,851	61.	Caddell Construction	\$1,014,486,340
2.	Whiting-Turner Contracting Co., The	\$11,125,479,482	32.	Robins & Morton	\$2,024,152,962	62.	Truebeck Construction	\$1,007,102,589
3.	STO Building Group	\$11,081,000,000	33.	Pepper Construction	\$1,841,469,000	63.	Lease Crutcher Lewis	\$993,258,819
4.	DPR Construction	\$9,451,699,454	34.	Hunter Roberts Construction Group	\$1,819,000,000	64.	Hoar Construction	\$964,612,000
5.	Gilbane Building Company	\$7,164,866,000	35.	CORE Construction Group	\$1,776,433,230	65.	Commercial Contracting Corp.	\$962,262,952
6.	Hensel Phelps	\$7,066,756,913	36.	J.T. Magen & Company	\$1,764,807,845	66.	Beck Group, The	\$961,510,929
7.	ARCO Construction Companies	\$6,543,334,988	37.	Haskell	\$1,728,851,688	67.	Coastal Construction Group	\$952,036,617
8.	JE Dunn Construction	\$6,478,700,000	38.	Fortis Construction	\$1,708,744,853	68.	Satterfield & Pontikes Construction	\$917,000,000
9.	Walbridge	\$5,889,887,504	39.	M.C. Dean	\$1,655,109,078	69.	Kraus-Anderson	\$888,102,133
10.	Barton Malow Holdings	\$5,873,333,889	40.	Shawmut Design and Construction	\$1,637,126,700	70.	Rogers-O'Brien Construction	\$871,800,000
11.	Brasfield & Gorrie	\$5,610,118,102	41.	Boldt Company, The	\$1,620,503,000	71.	Torcon	\$813,553,701
12.	HITT Contracting	\$5,609,449,981	42.	Power Construction	\$1,600,000,000	72.	McCownGordon Construction	\$790,800,000
13.	Suffolk Construction	\$5,555,100,000	43.	Summit Contracting Group	\$1,568,814,737	73.	Level 10 Construction	\$752,164,352
14.	Clark Group	\$5,430,336,000	44.	Messer Construction	\$1,560,912,470	74.	VCC Construction	\$750,019,967
15.	PCL Construction Enterprises	\$5,308,668,607	45.	Wertz Company & Affiliates, The	\$1,558,430,000	75.	Harkins Builders	\$742,000,000
16.	Skanska USA	\$5,092,804,368	46.	Manhattan Construction	\$1,522,756,670	76.	Sundt Construction	\$703,738,556
17.	Holder Construction	\$5,011,000,000	47.	Miron Construction	\$1,449,277,552	77.	Saunders Construction	\$690,585,433
18.	McCarthy Holdings	\$4,749,099,153	48.	Lendlease	\$1,426,059,809	78.	McLaren Engineering Group	\$690,000,000
19.	Yates Companies, The	\$4,545,407,319	49.	Adolfson & Peterson Construction	\$1,408,938,694	79.	C.W. Driver Companies	\$681,992,198
20.	Swinerton	\$4,199,470,000	50.	Burns & McDonnell	\$1,350,000,000	80.	AECOM	\$680,340,000
21.	Balfour Beatty US	\$3,668,457,085	51.	BL Harbert International	\$1,342,097,734	81.	Millie and Severson General Contractors	\$636,000,000
22.	Walsh Group, The	\$3,575,696,592	52.	Webcor	\$1,319,700,000	82.	Bernards	\$633,246,000
23.	Gray	\$3,483,409,256	53.	McShane Companies, The	\$1,295,691,733	83.	Batson-Cook Construction	\$603,814,865
24.	Mortenson	\$3,419,936,000	54.	W.E. O'Neil Construction	\$1,271,790,253	84.	Kaufman Lynn Construction	\$596,802,314
25.	Austin Industries	\$3,349,765,273	55.	Findorff	\$1,264,320,573	85.	Rand Construction	\$565,000,000
26.	Alberici-Flintco	\$3,309,891,015	56.	LeChase Construction Services	\$1,138,503,842	86.	Mycon General Contractors	\$561,842,866
27.	Ryan Companies US	\$3,140,168,008	57.	Rycon Construction	\$1,131,569,000	87.	Rodgers Builders	\$560,867,179
28.	Alston Construction	\$2,370,778,000	58.	Clancy & Theys Construction	\$1,105,888,642	88.	Skender	\$558,238,934
29.	Choate Construction	\$2,192,355,381	59.	JRM Construction Management	\$1,100,000,000	89.	Bozzuto Construction	\$543,000,000
30.	Crossland Construction	\$2,064,098,922	60.	James G. Davis Construction	\$1,031,003,932	90.	Sampson Construction	\$528,943,073

SOURCE: ENR 2024 GIANTS 400 REPORT



people—across functions and roles—dedicated to identifying programs, initiatives, and paths to address the mental health crisis in the industry. Among its first initiatives are Culture of Care Conversations (safe-space conversations specifically for field team members) and MHWLW workstreams (external and internal workstreams to focus on developing mental health initiatives for jobsites, offices, industry, and communities).

**Skanska USA**, last year, became one of the first contractors to develop and launch its own secure generative AI tool. Called Skanska Sidekick, the program provides a chatbot interface with a dynamic feature: uploading and querying internal work documents. A few use cases

include reviewing and editing content, summarizing information, and refining talking points.

**Skyler Design Build** implemented two innovative strategies over the past year: a dedicated labor force that travels nationwide for healthcare projects, and the implementation of expedited natural disaster response reconstruction and restoration services. “These innovations have resulted in significant cost savings for clients, expedited construction timelines, and minimized losses for insurance and healthcare facilities,” says the firm.

**Tester Construction Group** launched TCGreen, an initiative to reduce environmental impact on projects, while also improving the quality of buildings

for end users. Focal points of TCGreen include the installation of green roofs, analysis and implementation of renewable energy, reduction and handling of material waste on project sites, and energy efficiency.

**W. M. Jordan Company** launched a Lean Construction Services department to promote a culture of continuous improvement by applying Lean techniques and strategies across all aspects of the company, and its projects.

**The Weitz Company & Affiliates’** VDC team implemented several advanced tech tools on projects, including mobile Lidar scanners, the NavVis multi-sensor scanning system, and Dusty Robotics’ Dusty FieldPrinter. The latter takes blueprints for the

jobsite and accurately prints them on the floors and decks for construction layout—and “in a fraction of the time and with increased precision,” says the firm.

**Wesbuilt Construction Managers** develops complete BIM models of all—even very small—projects in the preconstruction and construction phases. This work is done through the firm’s proprietary visual design and construction (VDC) and BIM process, called COLLAB. The company 3D scans all potential project sites prior to developing bids, a process that to a large extent eliminates confusion and dimension discrepancies even before Wesbuilt wins a contract. +

**CM AGENT + PM FIRMS** □ TOP 66

Rank	Company	2023 CM+PM Revenue	Rank	Company	2023 CM+PM Revenue	Rank	Company	2023 CM+PM Revenue
1.	Alfa Tech Consulting Engineers .....	\$1,094,400,000	23.	Wohlsen Construction .....	\$43,163,000	45.	Salas O'Brien.....	\$12,956,633
2.	Skyline Construction .....	\$570,270,804	24.	Satterfield & Pontikes Construction.....	\$43,000,000	46.	Premier .....	\$12,853,349
3.	Hill International .....	\$455,725,631	25.	Procon Consulting.....	\$39,714,355	47.	Progressive Companies .....	\$12,024,741
4.	CG Schmidt.....	\$304,700,000	26.	Skanska USA .....	\$32,400,606	48.	KAI.....	\$12,000,000
5.	STV .....	\$191,907,069	27.	AOA.....	\$29,214,627	49.	EnTech Engineering.....	\$9,968,500
6.	CDM Smith.....	\$153,619,575	28.	RSP Architects.....	\$27,695,000	50.	Bernards .....	\$8,950,000
7.	Gilbane Building Company .....	\$135,134,000	29.	Bancroft Construction .....	\$25,550,000	51.	Balfour Beatty US .....	\$8,827,286
8.	Turner Construction .....	\$133,723,316	30.	Poettker Construction .....	\$24,900,000	52.	Wiss, Janney, Elstner Associates .....	\$8,390,000
9.	AECOM.....	\$117,800,000	31.	A/Z Corporation.....	\$22,800,289	53.	Adolfson & Peterson Construction.....	\$6,789,542
10.	WSP.....	\$110,592,620	32.	Whiting-Turner Contracting Co., The.....	\$22,074,052	54.	Brownstone .....	\$6,709,286
11.	Michael Baker International.....	\$83,359,603	33.	PMA Consultants .....	\$20,181,341	55.	Pointcore Construction .....	\$6,299,073
12.	Kitchell.....	\$81,465,918	34.	AFG Group.....	\$19,733,850	56.	Robins & Morton .....	\$6,234,527
13.	Little Diversified Architectural Consulting.....	\$77,450,189	35.	GBA .....	\$19,642,571	57.	Cordogan Clark.....	\$5,514,000
14.	SSOE Group .....	\$76,144,382	36.	Wesbuilt Construction Managers.....	\$19,200,000	58.	KCI Technologies.....	\$5,363,988
15.	HPM.....	\$69,939,000	37.	Sundt Construction .....	\$18,653,557	59.	Sweetwater Construction .....	\$5,260,249
16.	Henderson Building Solutions.....	\$66,018,508	38.	Campus Construction Management Group.....	\$17,983,160	60.	KPFF Consulting Engineers .....	\$5,167,928
17.	Walbridge .....	\$60,112,495	39.	LeChase Construction Services.....	\$17,073,471	61.	Executive Construction .....	\$5,000,000
18.	McDonough Bolyard Peck.....	\$56,298,936	40.	Cotter Consulting.....	\$16,402,116	62.	Landry/French Construction .....	\$4,960,627
19.	Suffolk Construction.....	\$55,600,000	41.	Swinerton.....	\$16,060,000	63.	Sargenti Architects .....	\$4,825,000
20.	Clune Construction .....	\$52,884,792	42.	Lendlease.....	\$14,630,670	64.	Arora Engineers .....	\$4,276,774
21.	Kraus-Anderson.....	\$51,606,467	43.	Mortenson.....	\$14,181,000	65.	Nehmer .....	\$4,000,000
22.	Barton Malow Holdings .....	\$50,509,338	44.	CORE Construction Group.....	\$13,000,000	66.	Lease Crutcher Lewis .....	\$3,700,000

SOURCE: BDC 2024 GIANTS 400 REPORT