APPLICATION OVERVIEW

# Trimble GNSS

## GNSS APPLICATIONS FOR BUILDING CONSTRUCTION

## Effortless precision:
## GNSS solutions built for construction

In construction, every second counts, that's why our Global Navigation Satellite System (GNSS) solutions are built to help you spend less time setting up tripods and more time getting the job done. Unlike traditional total stations, GNSS doesn't need the typical setup routine and has no issues with line of sight across busy job sites, making it the perfect solution for early construction work and large projects. Trimble GNSS solutions offer accurate and reliable positioning for anything your site has to throw at you. With unique capabilities to meet the demands of any project and budget, choose the Trimble GNSS solution that best fits your needs.

The Trimble® R780 and Trimble Catalyst™ GNSS systems support a range of construction applications that vary from trench layout for underground utilities to ongoing QA/QC. Powered by Trimble FieldLink field software, GNSS has never been easier to use. Regardless of your level of experience with GNSS, FieldLink tailors the user experience for contractors, making it as simple as flipping the "on" switch.

With Trimble, you get dependable instruments, construction-ready workflows and office software that can help take the guesswork out of your projects.

Find out more at:
**trimble.com/building-construction-field-systems**

Trimble®

## QA/QC + **spot checks**

Validate construction as it unfolds without ever needing to break out the tripod. With Trimble GNSS solutions, get the confidence you need to verify installation, confirm trade partner's work, and more.

- Get ahead of rework by verifying the position of layout points to ensure construction accuracy before installation begins
- Confirm the position of your trade partner's work and guarantee that your designs will fit with conditions on site
- Capture as-built locations to share the real status of construction back to your teams in the office


## Underground utility **and services layout**

Easily layout long stretches of underground utilities and services without any slow downs due to line of sight or long distances. Use Trimble GNSS systems and FieldLink to:

- Accurately layout underground ducts, banks, conduits and cable runs
- Easily set out storm, sewer and other infrastructure
- Quickly mark out utility stub ups to make tie-ins easy as construction progresses

## Rough-ins, trenches, **and footing digs**

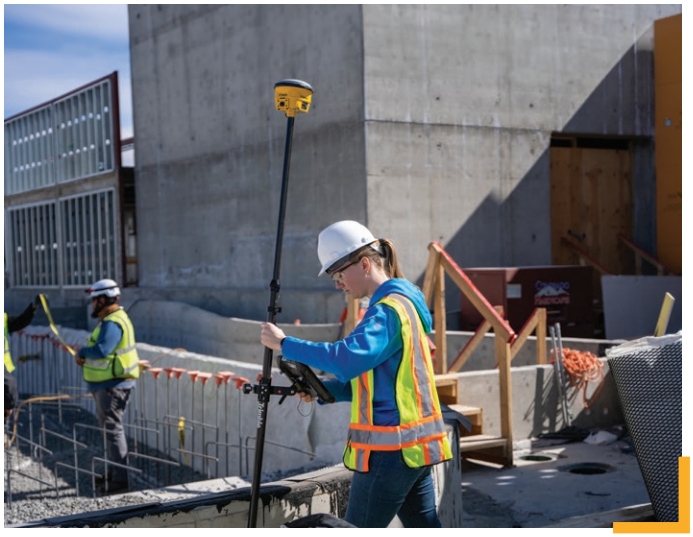
Trimble GNSS systems aren't shy of the dirt. Powered by FieldLink, take Trimble's rugged GNSS systems wherever you need to drive efficiency in the early stages of construction.

- Accurately layout directly from your design data to clearly mark out locations for rough-ins
- Easily stake out footings and structural components
- Safely set out long stretches of trench parameters for underground utility runs

## Top deck **layout**

Top deck layout can be a headache with condensed, busy working conditions. Remove the pressure of finding line of sight to your total station by using GNSS for top deck layout.

- Efficiently layout hanger locations for mechanical ductwork
- Layout plumbing hangers with ease and make sure your system is installed exactly to plan
- Get the fire suppression laid out precisely where it's supposed to be with easy GNSS workflows



## Site logistics and **temporary works**

With get-up-and-go workflows in Trimble FieldLink, Trimble GNSS systems can be used to speed up the construction of temporary structures on site, helping you build with quality and efficiency to keep construction moving.

- Rapidly set out temporary pavement locations to help provide stable ground for construction
- Layout silt fencing to keep things organized and safe onsite while minimising wasted materials
- Use GNSS for fast and easy curb staking throughout the job site

# Construction-ready **GNSS built for you**

Every project demands the right tools—whether you're staking out underground utilities, capturing as-built conditions or spot checking ongoing work. Trimble construction-grade GNSS solutions offer the ideal companion to your existing total station workflows, helping you work faster and more flexibly as projects ramp up. Find the right GNSS solution for your needs below.


Trimble R780 GNSS System

## For those ready to take their projects to new heights

Engineered for the most demanding construction environments, the R780 guarantees you'll always have accurate, reliable data. With integrated Trimble Inertial Platform™ (TIP™) technology, layout is simpler than ever. From laying out trenches in the dirt to hangers on the top-deck, the R780 does it all. Paired with a year of the Trimble CenterPoint® RTX correction service at no charge, GNSS this good has never been so easy to use.


Trimble Catalyst GNSS System

## For those who love high quality, but not high prices

From those who are just getting started with GNSS to seasoned professionals who are looking to scale their business, the Trimble Catalyst GNSS system is the perfect entry point for construction-grade GNSS. Trimble Catalyst is built for fast and accurate layout across wide ranging projects, reliable QA/QC as construction progresses, and any other jobs around the site that need quick positioning.

## Find the **right solution for you**

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|  **Trimble R780** | Trimble ProPoint® GNSS Engine | Trimble TIP Technology | Dual Maxwell™ 7 ASIC Chip | **IP68** | Ultra-rugged, IP68 rated design |
|  **Trimble Catalyst DA2** | Trimble ProPoint GNSS Engine | — | Flexible, software-driven GNSS | **IP65** | Lightweight, IP65 rated design |

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