

# Siddharth Barot

## PROJECT COORDINATOR – Project Planning, Project Scheduling & Quantity Takeoffs

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## SKILLS

- **Project Controls:** Microsoft Project, Excel (cost tracking, variance analysis, baseline planning, forecasting)
- **CAD & BIM Tools:** AutoCAD, Revit (modeling, view tags, sheet setup, work-sets), BIM 360 (version control)
- **Takeoff & Estimation:** Revit, Bluebeam (quantities, PDF comparisons, area checks, markups), Excel (rate sheets)
- **Document Control:** BIM 360 Docs, Aconex (RFIs, submission Package, drawing logs, revision history, metadata)

## WORK EXPERIENCE

### Project Coordinator

August 2024 – Present

*GIP Construction Engineering*

*Ontario*

- Compiled 80+ monthly progress reports integrating baseline variances, float analysis, and earned value indices via Primavera P6 dashboards, improving documentation compliance accuracy and timeline forecasting by 35% accuracy.
- Cross-verified 300 as-built drawings weekly through AutoCAD overlays and total station data, resolving mismatches and eliminating construction rework discrepancies in design execution by approximately 95% drawing fidelity.
- Documented 500+ field measurements using digital laser tools and labor resource charts to compare productivity rates, enhancing construction planning accuracy and site activity forecasting consistency by nearly 40% tracking precision.
- Processed 100+ RFIs through matrix-based tracking logs and reviewed consultant responses to eliminate detail gaps in fabrication drawings, ensuring specification conformance turnaround metrics stayed at 100% SLA compliance.
- Prepared 150+ technical meeting minutes with ISO 9001 formatting, assigning corrective actions through stakeholder matrices, increasing cross-discipline traceability and engineering follow-up accountability by 90% communication clarity.

### Field Inspector

April 2023 – July 2024

*Four Corners Engineering*

*Ontario*

- Executed 500+ structural inspections referencing CSA A23.1 and ASTM D3740 codes, identifying material conformity gaps in concrete placements, welds, and anchor bolts, resulting in noncompliance rejection rate reduction by 100%.
- Completed 180 caisson quality inspections up to 40 metres deep using verticality measurement logs and total station surveys, preventing misalignment and eliminating vertical deviation inconsistencies by 90% alignment consistency.
- Facilitated 250 live excavation and drilling activities using rig logbooks and axial tolerance readings, mitigating installation defects and real-time misalignment issues across subgrade assemblies by approximately 40% field coordination.
- Inspected 90 concrete batches using ASTM C143, C1064, and C231 test methods, rejecting out-of-spec materials based on slump and temperature thresholds, preserving structural uniformity and strength integrity by 100% reliability.
- Recorded 300+ safety observations using JHA audit software during rigging, confined space entries, and equipment operation, enabling predictive hazard mitigation and reducing site-based near-miss incidents by 100% operational safety.

### Project Engineer

December 2017 – March 2021

*Arvind Smart Spaces Limited*

*India*

- Organized design-execution alignment across six projects using BIM coordination via Revit and Navisworks, resolving clashes and maintaining construction sequence adherence with zero schedule deviation by 100% milestone assurance.
- Evaluated constructability of design drawings using Tekla Structures and AutoCAD, performing spatial load path checks and minimizing material waste across framing layouts and HVAC spaces by approximately 30% design optimization.
- Executed procurement operations for 30+ vendors using ERP-based supplier analytics, optimizing purchase lead times, and ensuring vendor rating-based allocation for maximum delivery predictability by nearly 20% logistics efficiency.
- Tracked over 10,000 tasks through Microsoft Project WBS management and BIM 360 dashboards, building S-curve charts and distribution maps for stakeholder visibility, enhancing schedule tracking efficiency by 45% project governance.
- Conducted weekly audits for site logistics and waste segregation zones under ISO 14001 guidelines, maintaining safety KPIs and ensuring regulatory compliance across all field activities with zero infractions by 100% compliance validation.

## EDUCATION

### PG Certificate – Urban Design

September 2022 – April 2023

*Sheridan College, Ontario*

### PG Certificate – Construction Project Management

January 2022 – August 2022

*Canadore College, Ontario*

### Bachelor's Degree – Civil Engineering

July 2011 – May 2015

*Gujarat Technological University, India*

## CERTIFICATIONS

- **Personal Track Safety (PTS) – A&B Rail Services LTD – 2024**
- **CCIL – Canadian Council of Independent Laboratories – 2024**