**1aiii: Detailed Bullet Points (Precise, Technical, Formal)**

**Plan Summary (Agent Allocation):**

* h1: Executes sequential Electrical installation (t2) at Room H, then moves for sequential Plumbing installation (t3) at Rooms D and E.
* r1: Moves from Room B to Room F to execute Foundation preparation (t1\_msa).
* r2: Moves from Room C to Room G to execute Foundation preparation (t1\_msb).
* r3: Executes Finishing work (t4\_se1) at Room J, followed by movement to Room I (via Room G) for the final t4\_wcp1.

**Pareto Front Rationale:**

* The Pareto front is the boundary of Pareto efficient solutions.
* It plots the maximum achievable Mission Success Probability for any given Total Cost, representing the optimal compromise in the bi-objective optimization space.
* Optimal Constrained Solution (P ≥ 0.92):
* Solution ID: 7 (Minimum Cost solution for the constraint).
* Mission Success Probability (P): 0.921
* Total Cost: 48.732 units
* Key Retry Assignments: Finishing work (wcp1) by r3 gets 5 retries. Both Foundation preparation tasks (msa, msb) get 3 retries.