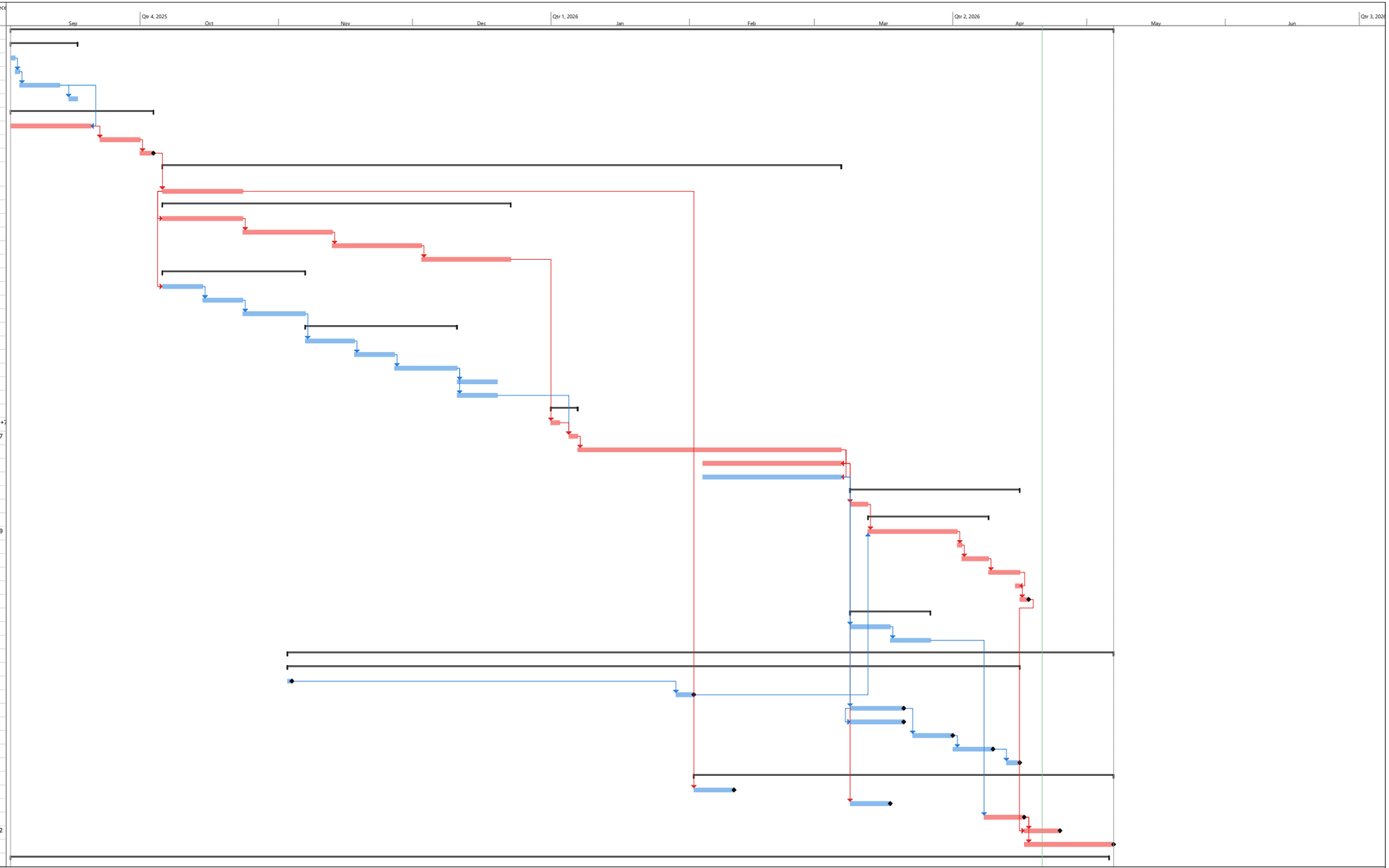
ID	Task Mo	Task Name	Duratio	Predece
1		**Timber Strong Design-Build**	**177 da**	
2		**Task 1: Research**	**11 day**	
3		1.1 Past Comp. Teams	1 day	
4		1.2 Comp. Rules	1 day	3
5		1.3 Structural Systems	7 days	4
6		1.4 Material Availability	2 days	5
7		**Task 2: Design Selection**	**24 day**	
8		2.1 Structural Systems	14 day	5FF
9		2.2 Viable Design Options	7 days	8
10		2.3 Select Design	3 days	9
11		**Task 3: Final Struct. Analysis & Design**	**110 days**	
12		**3.1 Framing Plan**	14 day	10
13		**3.2 Gravity Design**	**56 day**	
14		3.2.1 Roof Design	14 day	12SS
15		3.2.2 2nd Floor Bearing Wall	14 day	14
16		3.2.3 2nd Floor Design	14 day	15
17		3.2.4 1st Floor Bearing Wall	14 day	16
18		**3.3 Diaphragm Design**	**24 day**	
19		3.3.1 Diaphragm Forces	7 days	12SS
20		3.3.2 Diaphragm Parameters	7 days	19
21		3.3.3 Connection Design	10 day	20
22		**3.4 Shear Wall Design**	**24 day**	
23		3.4.1 Shear Wall Forces	7 days	21
24		3.4.2 Shear Wall Paramaters	7 days	23
25		3.4.3 Connection Design	10 day	24
26		**3.5 Uplift Connection Design**	7 days	25
27		**3.6 Tiedown & Anchor Design**	7 days	25
28		**3.7 Cantilever Beam Design**	**4 days**	
29		3.7.1 Beam Member Selection	2 days	17FS+7
30		3.7.2 Overturning Stability Che	2 days	29,27
31		**3.8 Final Calculation Packet**	43 day	30
32		**3.9 Final Structural Drawings**	23 day	31FF
33		**3.10 BIM Model**	23 day	31FF
34		**Task 4: Pre-Comp. Construction**	**28 day**	
35		**4.1 Material Procurement**	4 days	32
36		**4.2 Prefabrication**	**19 day**	
37		4.2.1 Wall Panel	14 day	35,49
38		4.2.2 Floor Panel	1 day	37
39		4.2.3 Roof Assembly	4 days	38
40		**4.3 Mock Assembly & Practice**	5 days	39
41		**4.4 Transportation Prep**	1 day	40FF
42		**Task 5: Competition**	2 days	41
43		**Task 6: Impact Assessment**	**14 day**	
44		**6.1 Carbon Footprint**	7 days	33
45		**6.2 Triple Bottom Line**	7 days	44
46		**Task 7: Deliverables**	**133 da**	
47		**7.1 Competition Deliverables**	**118 da**	
48		7.1.1 Intent & Eligibility	1 day	
49		7.1.2 Ladder Safety	2 days	48
50		7.1.3 Phase 1A	10 day	33
51		7.1.4 Phase 1B	10 day	50SS
52		7.1.5 Phase 2 Presentation	7 days	50
53		7.1.6 Change Orders & Final Su	7 days	52
54		7.1.7 Phase 3	3 days	53
55		**7.2 Capstone Deliverables**	**68 day**	
56		7.2.1 30%	7 days	12
57		7.2.2 60%	7 days	32
58		7.2.3 90%	7 days	45
59		7.2.4 Final Presentation	6 days	58,42
60		7.2.5 Final Report & Website	14 day	58
61		**Task 8: Project Management**	**176 da**	



Project: Timber-Strong Scope S
Date: Tue 4/21/26

Task | Split | Milestone | Summary | Project Summary | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | External Tasks | External Milestone | Deadline | Critical | Critical Split | Progress | Manual Progress