

MSCM Project Report

Intern presentation

Euseok Jeong



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Welcome to Microsoft Campus Modernization – Washington Village

Microsoft Campus Modernization Master Plan

The master plan for Campus Modernization manifests Microsoft's vision for its physical legacy, its aspirations for the built environment that houses its employees, and the programmatic requirements of its business operations.

The development program proposes three million square feet of new construction spread over 17 new buildings on a 72-acre site. The predominant use is office with about 500,000 square feet set aside for amenities, services, and other supporting uses. The proposed buildings replace the “Star” buildings, which were the first village of office buildings developed by Microsoft (dating to the 1980s). About 20 acres of the site are dedicated to open space and programmed with a mix of active and passive recreational uses.

Campus Modernization is a bike-and-walk-only zone, where intra-campus, short-hop transportation needs are served predominantly by pedestrian and bicycle linkages. Automobile access is restricted to the circular loop road. The only locations where automobiles are permitted access in to the campus are at designated drop-offs that are located along the periphery of the campus. Parking is provided in a 7,000-space, 4-level subterranean garage. Access to this structure is provided from the loop road.

Lake Bill, named for Bill Gates, Microsoft's co-founder, is preserved and serves as the defining feature in a passive programmed parkland. Baseball diamonds, a cricket field, and soccer fields are also provided in a zone of active recreation.

Microsoft Campus Modernization Program Overview

The development program envisions the construction of 17 new buildings. Together these will provide about 2.5 million square feet of office and 500,000 square feet of supporting uses.

Each building is designed to be four floors in height to encourage physical activity and walk-up interactions between colleagues. Buildings follow a 30 or 60-foot module with a maximum building width of 180 feet (some are narrower). All except one building (the Executive Briefing Center) are provided with central atriums to maximize natural daylight and provide walk-up vertical circulation.

Each village is unique and different. The buildings are grouped into four villages, which are characterized by their street condition, program, or constructability. For example, Washington Village comprises buildings fronting 156th Avenue. Sammamish Village is defined by those buildings fronting 31st Street. Whatcom Village comprises buildings along 36th Street. Chelan Village is comprised of predominately specialty buildings.

Washington Village Overview

The Washington Village consists of five buildings, a pedestrian connector bridge and an access tunnel to the subterranean garage in the Northwest corner of the Microsoft Campus Modernization Project. The Washington Village is 9.93 acres and is bordered by 156th street to the west, 36th street to the north, the garage and Whatcom Village to the east and the Sammamish Village to the south.

West Garage Entry Ramp (WGER)

- WGER serves as the primary access to the garage from 156th St.
- The WGER begins on grade at 156th, proceeds east under building 211 (E) and continues subgrade to level P1 of the parking garage.
- Tunnel will be shored, excavated, constructed then buried.
- Construction Schedule March 20 – January 21

Building 7 (A)

- Cast-in-place post tensioned concrete structure. 175,945 GSF.
- 1 basement level connected to the garage and building N by a service tunnel.
- 5 floors above grade: Floor 1 is primarily comprised of Multi-Purpose Rooms (MPRs) and some amenity space. Floors 2-5 is Intelligent Workspace (IW) office neighborhoods.
- Construction Schedule May 21 – January 23.

Building 8 (B)

- Cast-in-place post tensioned concrete structure. 218,317 GSF.
- 2 basement levels connected to the garage and building 209 (C) by a service tunnel.
- 5 floors above grade: Floor 1 is IW, office neighborhoods, retail and some amenity space. Floors 2-5 is IW office neighborhoods.
- The NW corner ties into a pedestrian bridge connecting to West campus and houses a bike storage facility under the bridge connection.
- Construction Schedule May 20 – April 22.

Building 9 (C)

- Cast-in-place post tensioned concrete structure. 178,527 GSF.
- 2 basement levels connected to the garage and building 208 (B) by a service tunnel.
- 5 floors above grade: Floor 1 is dedicated to cafés, markets and an urban food hall. Floors 2-5 is IW office neighborhoods.
- Construction Schedule August 20 – June 22.

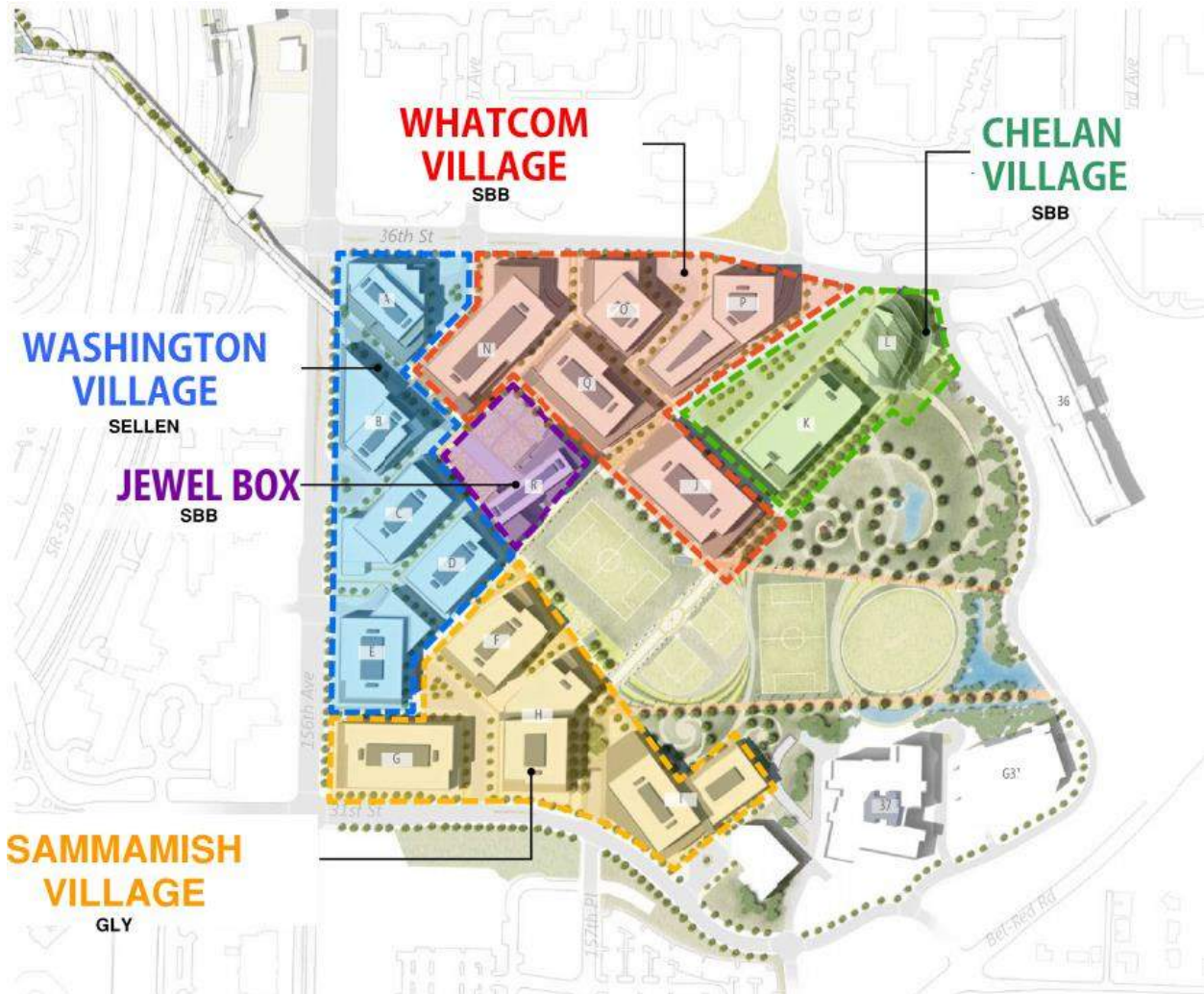
Building 10 (D)

- Cast-in-place post tensioned concrete structure. 135,479 GSF.
- 2 basement levels connected to the garage by service tunnel.
- 4 floors above grade: Floor 1 is dedicated to cafés, markets and an urban food hall. Floors 2-4 is IW office neighborhoods.
- Construction Schedule August 21 – May 23.

Building 11 (E)

- Cast-in-place post tensioned concrete structure. 199,923 GSF.
- 2 basement levels connected to the garage by service tunnel.
- 5 floors above grade: Floor 1 is primarily comprised of MPRs, some amenity space and a bike storage facility. Floors 2-5 is IW office neighborhoods.
- Construction Schedule August 20 – June 22.

Village Delineation Map



Microsoft Campus Modernization – Washington Village

JOB OFFICE AND JOB SITE ADDRESS

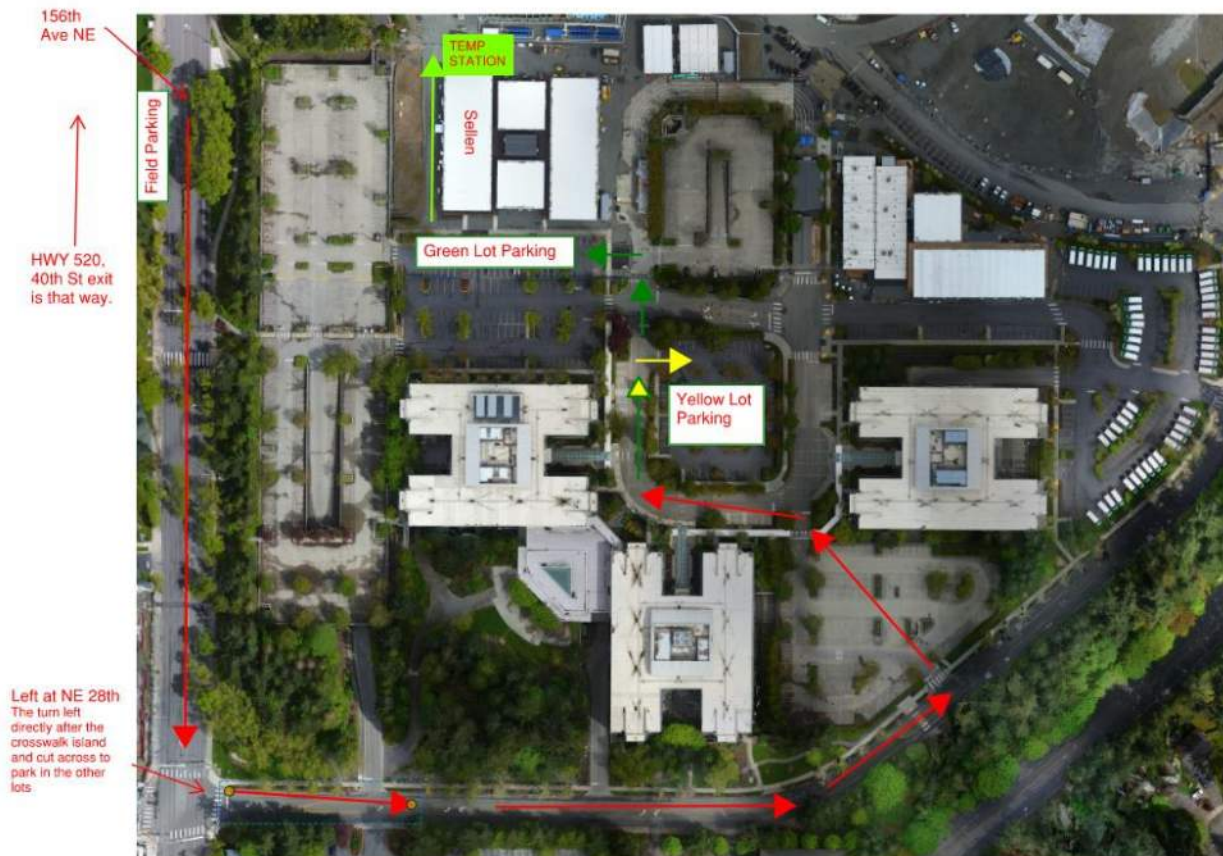
Address: 3097 157th Pl NE Redmond, WA 98052

Phone: 425-869-5110 (front desk land line)

PARKING

Parking for the job site office is shared with GLY directly in front of the office trailers (green lot) and next to building 27 (yellow lot). Follow the red lines below to access that area. Overflow office people, foremen, field crew, and subcontractors park in the Building 40/41 garage across 156th from the site office complex. This may change when the volume of workers increases.

While we should be able to accommodate everyone, be aware that we may have about 500 people working on just the Sellen buildings which will make entering/exiting the garage slow. Public transportation and carpooling is recommended. The job site easily accessible by bus – the Overlake Transit Center is approximately 1 mile from the job site.



EXTERNAL ORGANIZATIONAL CHART:
DEFINITION: TEAMS THAT WORK ON
SAME PROJECT, BUT DIFFERENT
COMPANY

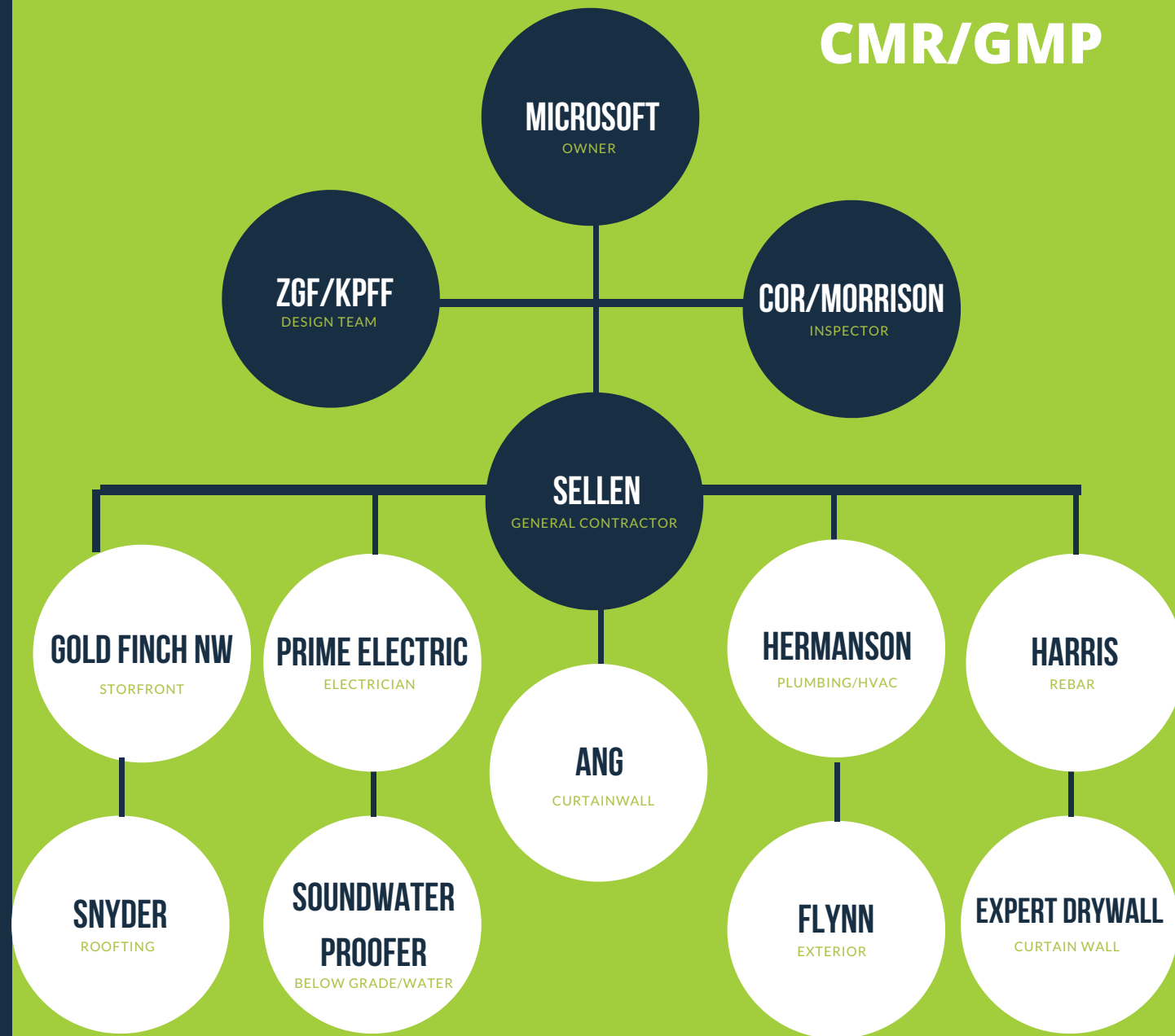
MICROSO FT CAMPUS REFRESH

Microsoft Campus Modernization Master plan.

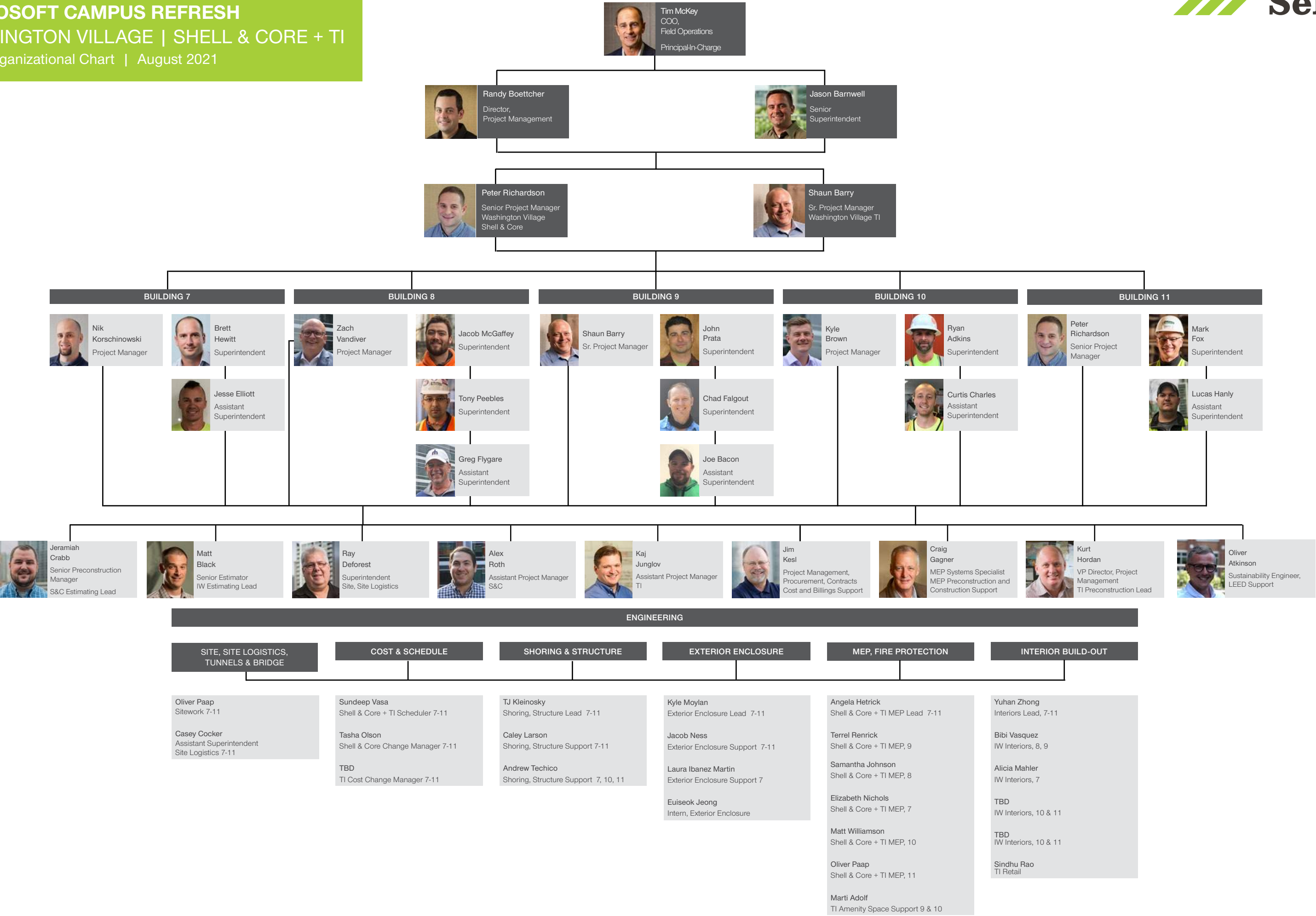
The master plan for Campus modernization manifest Microsoft's vision for its physicals legacy, its aspirations for the built environment that houses its employee, and the programic requirements of its business operation.

SELLEN

CMR/GMP



MICROSOFT CAMPUS REFRESH
WASHINGTON VILLAGE | SHELL & CORE + TI
Team Organizational Chart | August 2021



Monthly Schedule Update Narrative

Progress last month:

- Site
 - Building 10 pad turnover from SBB occurred as planned on 7/20/21.
 - Building 11 pad turnover from SBB occurred as planned on 8/10/21.
 - Closed the haul road north of building 8 as planned due to building 7 construction.

Planned progress for coming month:

- Site
 - Temporary roads and services installation to support Buildings 10 and 11 construction.
 - Ongoing coordination of SBB installed utilities across the WA Village.

Areas of concern and/or potential impacts:

- Building services coming from the Thermal Energy Center (TEC / CUP) will not be available to support start up and commissioning of buildings 8 and 9. We have evaluated multiple options to solve for this, and have recommended the following to JLL and MS:
 - Complete construction of the buildings as far as we can without startup or commissioning and extending the schedule on building 8 by 22 days to complete these tasks and other impacted scopes of work. This will include extended temp heat and dehumidification in addition to some scopes and punch not being able to complete.
- POE lighting has been eliminated from the project and design is transitioning to an enlightened system. Redesign work has begun however an updated Basis of Design will be required from MS before design can complete. There is risk that the updated BOD and could result in schedule impacts due to design and procurement timelines.
- An adjustment to CCR boundary lines is being proposed by MS to CoR. The adjustment would move building 10 (D) from CCR 1, and building 11 (E) from CCR 4, putting both in CCR 3 (See CCR exhibits on page 2). The effects to the Washington Village would be:
 - Building 7 (A) will be the last to complete in CCR 1 in February '23. Garage and sitework completion will remain the critical path to CCR 1 Substantial Completion on 6/15/23.
 - Building 11 (E) will be the last to complete in CCR 3. A new Substantial Completion Date has not been established for this adjustment. Sitework completion will remain the critical path for this turnover however it will be driven by building 11 construction.

Changes to critical path and/or logic revisions:

- No changes to critical path logic.

Major milestone changes:

- No major milestone changes.

Potential acceleration opportunities:

- If the CCR boundary adjustment is approved by the City of Redmond, building 11 would be the last building to complete in CCR 3. If this occurs it is possible our final substantial completion milestone could move up to October/November '23, from the current date of January '24. This would not directly impact the construction sequence of building 11 but would allow us to demobilize from the project sooner.

Status of Float:

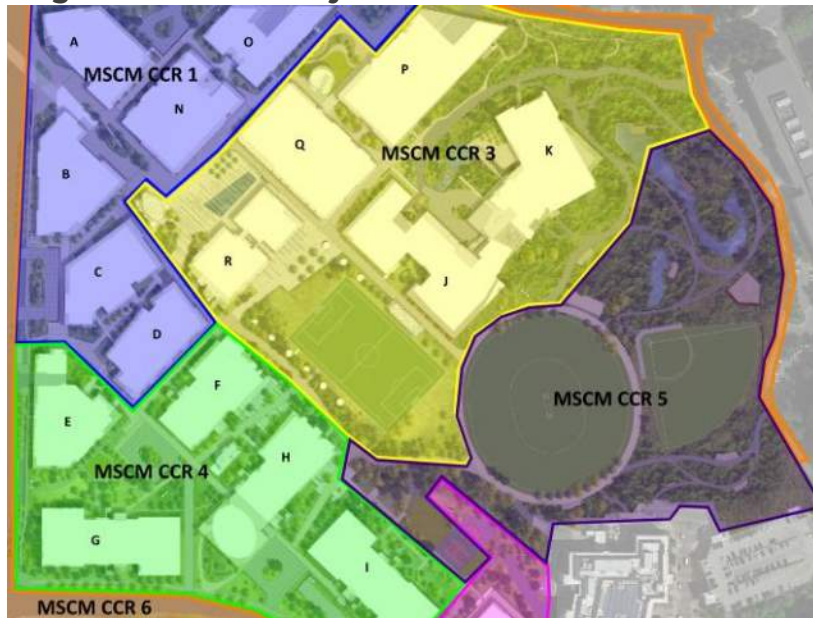
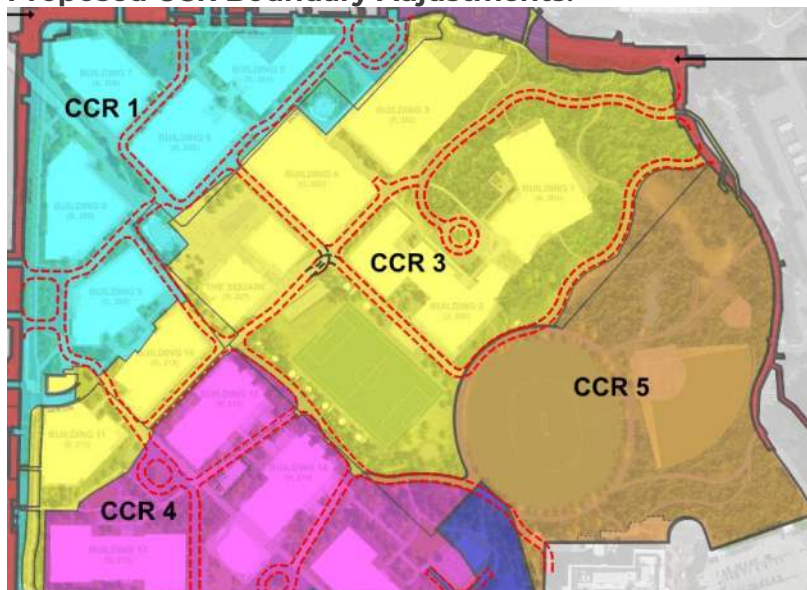
- There is no float in the schedule other than the remaining "Anticipated Weather Impacts" which range between 8 – 14 days per building.

Other Challenges / Areas of Concern:

- See individual building reports.

**Milestone Tracker:**

Bldg.	Milestones	Baseline Date	Last Update	Current Schedule	Delta to Last	Comments
7, 8, 9 & 10	CCR 1 Substantial Completion	6/15/23	6/15/23	6/15/23	0	B10 will likely move to CCR 3
11	Building 11 GC Scope Complete	9/15/23	9/15/23	9/15/23	0	
11	CCR 4 Substantial Completion	1/8/24	1/8/24	1/8/24	0	B11 will likely move to CCR 3

Original CCR Boundary Lines:**Proposed CCR Boundary Adjustments:**

PROJECT OVERVIEW REPORT: FRI 8/13/21 - FRI 9/24/21

PROJECT STATUS

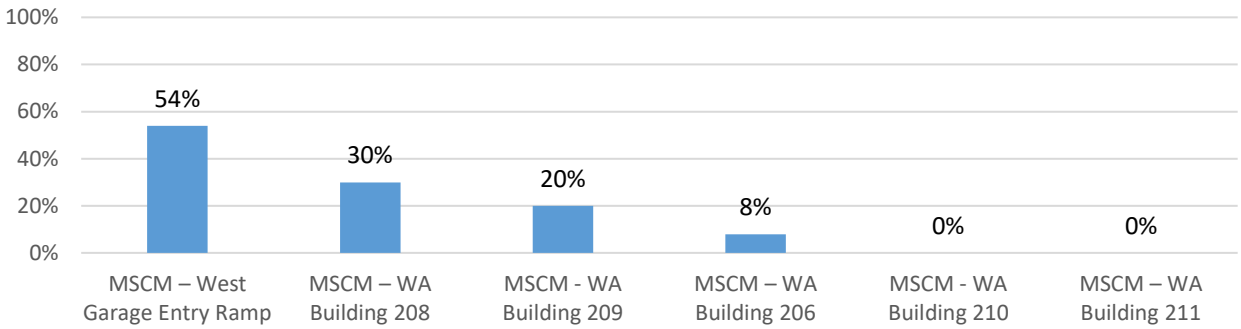
% COMPLETE

36%

% WORK COMPLETE

24%

% Complete of Individual Projects



SUMMARY TASKS

Building X	Floor	Name	Start	Finish	% Complete	Baseline1 Finish
WGER - N		MSCM – West Garage Entry Ramp	Mon 5/7/18	Thu 6/15/23	54%	Tue 6/13/23
WGER - N		Construction Phase	Mon 3/2/20	Thu 6/15/23	54%	NA
WGER - N		Construction Completion Milestones	Wed 2/10/21	Thu 6/15/23	1%	NA
Building 8		MSCM – WA Building 208	Thu 3/26/20	Fri 6/16/23	30%	Wed 6/14/23
Building 8		Building 208 Construction	Thu 3/26/20	Fri 8/19/22	30%	Tue 6/21/22
Building 8		Schedule Impacts	Thu 3/26/20	Fri 5/6/22	90%	Wed 9/30/20
Building 8		CCD 44 - POE Lighting Changes	Thu 6/3/21	Fri 8/13/21	80%	NA
Building 8		Pedestrian Bridge Construction	Thu 7/22/21	Thu 5/19/22	2%	Fri 5/27/22
Building 8		FRP Foundation-Supports- SOG	Thu 7/22/21	Tue 9/14/21	11%	Tue 9/14/21
Building 8	1	FRP Bicycle Storage Rm Elevated Deck	Tue 9/14/21	Tue 10/12/21	0%	Wed 10/13/21
Building 8	1	FRP Elevated Deck-Bridge Beams-Bridge PT Deck	Wed 9/22/21	Thu 2/24/22	0%	Fri 3/4/22
Building 8		Building 208 Construction	Fri 5/8/20	Tue 6/14/22	34%	Tue 5/24/22
Building 8		Construction Hoisting Equipment	Wed 8/5/20	Wed 1/5/22	88%	Thu 12/23/21
Building 8	1	Manlift Hoist	Thu 4/22/21	Wed 1/5/22	83%	NA
Building 8		Building 208 Superstructure	Wed 8/12/20	Wed 3/16/22	81%	Sun 9/12/21
Building 8	R	Roof Construction	Tue 6/15/21	Sun 9/12/21	73%	Sun 9/12/21
Building 8	R	Rooftop- Terrace Construction- CIP- Mechanical-Electrical Pavers Green Roof	Fri 4/16/21	Wed 3/16/22	12%	Wed 2/23/22
Building 8		Building Envelope	Fri 1/15/21	Fri 4/8/22	7%	Mon 2/21/22
Building 8		Stock Curtain Wall Punched Windows	Tue 8/3/21	Thu 11/18/21	0%	Mon 1/17/22
Building 8		Unitized Curtain Wall	Thu 7/15/21	Thu 1/27/22	13%	Mon 1/17/22
Building 8		Punched Windows	Wed 8/11/21	Mon 9/27/21	0%	Wed 10/20/21
Building 8		Curtain Wall Fire Safing	Fri 8/27/21	Tue 10/19/21	0%	Fri 10/22/21
Building 8		Exterior Framing	Thu 7/15/21	Wed 1/5/22	18%	Fri 11/5/21
Building 8		Exterior Cladding	Tue 7/20/21	Fri 2/4/22	2%	NA
Building 8		Waterproofing- 1 thru 5	Fri 1/15/21	Fri 2/18/22	25%	Mon 2/21/22
Building 8		Main Roof Waterproofing	Fri 8/6/21	Wed 12/1/21	0%	NA
Building 8		Building 208 Interior Buildout	Tue 3/2/21	Tue 6/14/22	6%	Tue 5/24/22

UPCOMING MILESTONES

Building X	Name	Start	Finish
	Milestone: Yes	Fri 8/13/21	Wed 9/15/21
Building 9	Level 4 Structure Complete	Tue 8/17/21	Tue 8/17/21
Building 9	Level 5 Structure Complete	Wed 9/15/21	Wed 9/15/21
Building 9	Start MEP Distribution Install	Fri 8/13/21	Fri 8/13/21
Building 8	Bld 8 Finish Building Structure	Sun 9/12/21	Sun 9/12/21
Building 8	Level 3 Building Perimeter Watertight	Fri 9/10/21	Fri 9/10/21

CRITICAL ACTIVITIES

Building X	Floor	Name	Start	Finish	% Complete
Building 8	R	Deck Cure	Fri 7/23/21	Thu 8/19/21	32%
Building 8	R	FRP Delay Strip	Tue 8/10/21	Mon 8/16/21	0%
Building 8	2	Polish Floor- 4 Pass	Wed 8/11/21	Tue 8/24/21	0%
Building 8	2	Protect Floor	Mon 8/23/21	Wed 8/25/21	0%
Building 8	2	Layout-Top Track- Critical Wall Frame-Shafts-Electric Rm- Top Out	Wed 8/18/21	Wed 9/8/21	0%
Building 8	2	Install Folding Dr Supports- All Zones	Tue 9/7/21	Mon 9/20/21	0%
Building 8	2	Frame Walls Soffits Hard Lids	Thu 9/16/21	Fri 9/24/21	0%
Building 9	5	Zone 1 Place Bottom bar	Fri 8/13/21	Mon 8/16/21	0%
Building 9	5	Zone 1 Place PT Cables-Profile	Tue 8/17/21	Tue 8/17/21	0%
Building 9	5	Zone 1 Install Mid Slab Pathways	Tue 8/17/21	Thu 8/19/21	0%
Building 9	5	Zone 1 Place Top Steel	Thu 8/19/21	Thu 8/19/21	0%
Building 9	5	Zone 1 Verify MEP In slab RI	Thu 8/19/21	Thu 8/19/21	0%
Building 9	5	Zone 1 Install top of slab embeds and Trim	Tue 8/17/21	Wed 8/18/21	0%
Building 9	5	Zone 1 Inspections-QC-Deck	Thu 8/19/21	Thu 8/19/21	0%
Building 9	5	Zone 1 Pour Deck	Fri 8/20/21	Fri 8/20/21	0%
Building 9	5	Zone 1 Strip Edge Form	Mon 8/23/21	Mon 8/23/21	0%
Building 9	5	Zone 1 Prep PT Cables to Stress	Tue 8/24/21	Tue 8/24/21	0%
Building 9	5	Zone 1 Stress PT Cables	Wed 8/25/21	Wed 8/25/21	0%
Building 9	5	Zone 1 Cut PT Cables- Engineers Approval	Thu 8/26/21	Thu 8/26/21	0%
Building 9	5	Zone 1 Patch PT Cables	Thu 8/26/21	Thu 8/26/21	0%
Building 9	5	Zone 1 Strip and Reshore	Fri 8/27/21	Tue 9/7/21	0%
Building 9	5	Zone 2 Form Soffit 10938 SF	Thu 8/12/21	Mon 8/23/21	0%
Building 9	5	Install Structural steel Bracing	Fri 8/20/21	Fri 8/20/21	0%
Building 9	5	Zone 2 Layout	Fri 8/20/21	Fri 8/20/21	0%
Building 9	5	Zone 2 Install PT Heads	Fri 8/20/21	Fri 8/20/21	0%
Building 9	5	Zone 2 Install Wall to Floor Deck Plank	Fri 8/20/21	Fri 8/20/21	0%

Building 8		Stair Shaft Buildout	Tue 3/2/21	Wed 1/19/22	51%	Mon 1/24/22	Building 9	5	Zone 2 Install Inserts-Embeds-Block outs- Edge form	Fri 8/20/21	Fri 8/20/21	0%
Building 8		P2 P01 Electrical and Mechanical Buildout and Tunnel	Wed 3/31/21	Fri 9/10/21	60%	Tue 1/18/22	Building 9	5	Zone 2 Install Stud Rails	Fri 8/20/21	Fri 8/20/21	0%
Building 8	P01	Electrical and Cable Room Buildout	Thu 5/13/21	Thu 2/17/22	9%	NA	Building 9	5	Zone 2 Place Beam Steel	Fri 8/20/21	Mon 8/23/21	0%
Building 8		Elevators	Fri 8/13/21	Thu 3/10/22	0%	Fri 3/11/22	Building 9	5	Zone 2 Place Bottom bar	Tue 8/24/21	Wed 8/25/21	0%
Building 8	1	Level 1 Interior Buildout	Fri 7/2/21	Tue 6/14/22	3%	Mon 3/7/22	Building 9	5	Zone 2 Place PT Cables-Profile	Thu 8/26/21	Thu 8/26/21	0%
Building 8	2	Level 2 Interior Buildout	Mon 8/9/21	Thu 3/24/22	0%	Mon 3/7/22	Building 9	5	Zone 2 Install Mid Slab Pathways	Thu 8/26/21	Fri 8/27/21	0%
Building 8	3	Level 3 Interior buildout	Mon 8/23/21	Wed 4/20/22	0%	Mon 3/21/22	Building 9	5	Zone 2 Place Top Steel	Mon 8/30/21	Mon 8/30/21	0%
Building 8	4	Level 4 Interior Buildout	Tue 9/7/21	Wed 5/4/22	0%	Mon 4/4/22	Building 9	5	Zone 2 Verify MEP In slab RI	Mon 8/30/21	Mon 8/30/21	0%
Building 8	5	Level 5 Interior Buildout	Thu 9/23/21	Wed 5/18/22	0%	Thu 4/21/22	Building 9	5	Zone 2 Inspections-QC-Deck	Mon 8/30/21	Mon 8/30/21	0%
Building 8	1	Bicycle Shower Room Buildout	Fri 7/23/21	Thu 1/13/22	5%	Mon 5/16/22	Building 9	5	Zone 2 Pour Deck	Tue 8/31/21	Tue 8/31/21	0%
Building 9		MSCM - WA Building 209	Tue 9/22/20	Fri 6/16/23	20%	Wed 6/14/23	Building 9	5	Zone 2 Strip Edge Form	Wed 9/1/21	Wed 9/1/21	0%
Building 9	1	Building 209 Construction	Tue 9/22/20	Fri 10/14/22	20%	Wed 8/3/22	Building 9	5	Zone 2 Prep PT Cables to Stress	Thu 9/2/21	Thu 9/2/21	0%
Building 9		Schedule Impacts	Fri 2/12/21	Fri 5/6/22	78%	Wed 9/30/20	Building 9	5	Zone 2 Stress PT Cables	Fri 9/3/21	Fri 9/3/21	0%
Building 9		CCD 44 - POE Lighting Changes	Thu 6/3/21	Wed 8/18/21	75%	NA	Building 9	5	Zone 2 Cut PT Cables- Engineers Approval	Tue 9/7/21	Tue 9/7/21	0%
Building 9	1	Building 209 Construction	Tue 9/22/20	Thu 8/4/22	22%	Mon 8/1/22	Building 9	5	Zone 2 Patch PT Cables	Tue 9/7/21	Tue 9/7/21	0%
Building 9	1	Construction Hoisting Equipment	Fri 10/9/20	Thu 2/17/22	88%	Thu 2/3/22	Building 9	5	Zone 2 Strip and Reshore	Wed 9/8/21	Thu 9/16/21	0%
Building 9		Building 209 Superstructure	Tue 10/20/20	Wed 2/9/22	53%	Wed 10/20/21	Building 9	5	Zone 3 Strip and Reshore	Fri 9/17/21	Tue 9/21/21	0%
Building 9	1	Level 1 Construction	Tue 10/20/20	Wed 9/8/21	95%	Tue 5/11/21	Building 9	1	Coordinated Pre Install Hangers and Supports	Mon 7/19/21	Tue 8/17/21	45%
Building 9	3	Level 3 Construction	Thu 6/10/21	Thu 8/19/21	93%	Thu 8/5/21	Building 9	1	Layout Polish Areas Review	Wed 8/18/21	Fri 8/20/21	0%
Building 9	4	Level 4 construction	Thu 7/8/21	Wed 9/1/21	40%	Mon 8/30/21	Building 9	1	Layout-Top Track- Critical Wall Frame-Shafts-Electric Rm- Top Out	Wed 8/25/21	Fri 9/17/21	0%
Building 9	5	Level 5 Construction	Tue 8/3/21	Tue 9/28/21	0%	Thu 9/23/21	Building 9	2	Layout-Top Track- Critical Wall Frame-Shafts-Electric Rm- Top Out	Mon 9/20/21	Fri 10/8/21	0%
Building 9	R	Roof Construction	Mon 8/30/21	Wed 10/27/21	0%	Wed 10/20/21	Building 7	1	Excavate Zone 4 Footings	Thu 8/12/21	Fri 8/13/21	0%
Building 9		Terrace Construction-Roof top	Wed 7/14/21	Wed 2/9/22	5%	Thu 1/27/22	Building 7	1	Rat Slab	Mon 8/16/21	Mon 8/16/21	0%
Building 9	R	Building Envelope	Thu 7/8/21	Tue 4/19/22	5%	Thu 2/17/22	Building 7	1	Form Footings	Tue 8/17/21	Wed 8/18/21	0%
Building 9	1	Exterior Framing	Thu 7/8/21	Tue 4/19/22	6%	Wed 11/3/21	Building 7	1	Place Rebar	Wed 8/18/21	Thu 8/19/21	0%
Building 9		Stock Curtain Wall Punched Windows	Thu 9/2/21	Thu 10/28/21	0%	NA	Building 7	1	Place Rebar	Tue 8/17/21	Wed 8/18/21	0%
Building 9		Canopy	Thu 7/15/21	Thu 3/3/22	52%	NA	Building 7	1	MEP	Wed 8/18/21	Wed 8/18/21	0%
Building 9		Building 209 Interior Buildout	Wed 7/14/21	Thu 8/4/22	1%	Mon 8/1/22	Building 7	1	Close Walls	Thu 8/19/21	Fri 8/20/21	0%
Building 9		Stair Shaft Buildout	Wed 7/14/21	Wed 1/5/22	12%	NA	Building 7	1	One Side Walls	Mon 8/23/21	Wed 8/25/21	0%
Building 9		Electrical and Data Room Buildout	Tue 8/31/21	Tue 5/3/22	0%	NA	Building 7	1	Place Rebar	Tue 8/24/21	Wed 8/25/21	0%
Building 9	P02	P-2 Interior Buildout	Fri 7/30/21	Mon 11/22/21	1%	Tue 11/30/21	Building 7	1	MEP	Wed 8/25/21	Wed 8/25/21	0%
Building 9	P01	P-1 Interior Buildout	Wed 7/14/21	Mon 1/3/22	1%	Mon 12/6/21	Building 7	1	Close Walls	Thu 8/26/21	Fri 8/27/21	0%
Building 9	1	Level 1 Interior Buildout	Mon 7/19/21	Fri 6/24/22	1%	Fri 6/17/22	Building 7	1	One Side Walls	Mon 8/30/21	Wed 9/1/21	0%
Building 9	2	Level 2 Interior Buildout	Mon 9/20/21	Fri 6/10/22	0%	NA	Building 7	1	Place Rebar	Tue 8/31/21	Wed 9/1/21	0%
Building 7		MSCM – WA Building 206	Thu 6/25/20	Fri 6/16/23	8%	Wed 6/14/23	Building 7	1	MEP	Wed 9/1/21	Wed 9/1/21	0%
Building 7		Building 206 Construction	Thu 6/25/20	Tue 4/4/23	8%	Thu 2/2/23	Building 7	1	Close Walls	Thu 9/2/21	Tue 9/7/21	0%
Building 7		Building 206 Construction	Thu 6/25/20	Fri 2/3/23	5%	Mon 11/7/22	Building 7	1	One Side Walls	Wed 9/8/21	Mon 9/13/21	0%
Building 7		Construction Hoisting Equipment	Wed 5/5/21	Fri 9/2/22	81%	Wed 8/31/22	Building 7	1	Place Rebar	Mon 9/13/21	Tue 9/14/21	0%
Building 7		Tower Crane	Thu 6/17/21	Mon 8/22/22	50%	NA	Building 7	1	MEP	Tue 9/14/21	Tue 9/14/21	0%
Building 7		Building 206 Substructure	Thu 6/25/20	Wed 10/6/21	61%	Tue 10/19/21	Building 7	1	Close Walls	Wed 9/15/21	Fri 9/17/21	0%
Building 7	P02	Building 206 Basement Construction	Wed 6/16/21	Fri 9/3/21	59%	Thu 9/9/21						
Building 7	P02	Building 206 Tunnel	Wed 7/21/21	Wed 10/6/21	10%	Tue 10/19/21						

Building 7		Building 206 Superstructure	Wed 6/23/21	Thu 9/22/22	4%	Wed 5/11/22
Building 7	1	Level 1 Construction	Wed 6/23/21	Mon 10/11/21	19%	Fri 10/15/21
Building 7		Building 206 Interior Buildout	Wed 9/22/21	Fri 2/3/23	0%	Thu 1/26/23
Building 7		Elevators	Wed 9/22/21	Wed 11/9/22	0%	Mon 11/7/22
Building 10		MSCM - WA Building 210	Fri 6/25/21	Fri 6/16/23	0%	Wed 6/14/23
Building 10		Building 210 Construction	Fri 6/25/21	Wed 6/7/23	0%	Fri 4/21/23
Building 10		Building 210 Construction	Tue 7/20/21	Fri 3/3/23	0%	Thu 1/19/23
Building 10		Temp Utilities	Wed 7/21/21	Fri 8/13/21	44%	NA
Building 10		Building 210 Substructure	Tue 7/20/21	Mon 3/14/22	1%	Wed 1/26/22
Building 10		Shoring and Excavation	Tue 7/20/21	Fri 10/29/21	2%	Fri 11/5/21
Building 11		MSCM – WA Building 211	Wed 6/30/21	Tue 1/9/24	0%	Tue 1/9/24
Building 11		Building 211 Construction	Wed 6/30/21	Mon 10/23/23	0%	Wed 8/23/23
Building 11		Building 211 Construction	Mon 8/2/21	Tue 8/1/23	0%	Wed 8/23/23
Building 11		Building 211 Substructure	Mon 8/2/21	Mon 5/16/22	0%	Wed 4/6/22
Building 11		Shoring and Excavation	Tue 8/10/21	Mon 11/29/21	0%	Fri 1/7/22
Building 11		Temporary Power-Dewatering- Temporary Stairs-Temp Bridge	Mon 8/2/21	Thu 5/5/22	0%	NA

Building 7	1	Pour Walls	Mon 9/20/21	Mon 9/20/21	0%
Building 7	1	Place Cap Break	Mon 9/20/21	Wed 9/22/21	0%
Building 7	1	Install Vapor Barrier	Wed 9/22/21	Mon 9/27/21	0%
Building 7		Release to Manufacturing	Wed 9/22/21	Fri 10/29/21	0%
Building 10		Install Row 1 Tieback Anchors B24- B29 and B35-B36	Fri 8/27/21	Fri 8/27/21	0%
Building 10		Install Tierod Walers El 375 El 376	Mon 8/30/21	Wed 9/1/21	0%
Building 10		Excavate and Lag West to El 367-5	Thu 9/9/21	Fri 9/10/21	0%
Building 10		Install West Wall Waler, Tunnel Face Waler and Bracing	Mon 9/13/21	Wed 9/15/21	0%
Building 10		Excavate and Lag East to El 379	Mon 8/16/21	Tue 8/17/21	0%
Building 10		Install Row 1 Soil Nails El 381	Wed 8/18/21	Wed 8/18/21	0%
Building 10		Shoot Lift 1	Thu 8/19/21	Thu 8/19/21	0%
Building 10		Cure Lift 1 Shotcrete	Fri 8/20/21	Sun 8/22/21	0%
Building 10		Excavate and Lag East to El 373	Mon 8/23/21	Tue 8/24/21	0%
Building 10		Install Row 2 Soil Nails El 376	Wed 8/25/21	Wed 8/25/21	0%
Building 10		Install Row 1 Tieback Anchors B19- B23	Thu 8/26/21	Thu 8/26/21	0%
Building 10		Install East Wall Waler at El 374	Thu 8/26/21	Fri 8/27/21	0%
Building 10		Excavate and Lag East to El 367-5	Tue 9/7/21	Wed 9/8/21	0%
Building 10		Install Row 3 Soil Nails El 370-5	Thu 9/9/21	Thu 9/9/21	0%
Building 10		Shoot Lift 3	Fri 9/10/21	Fri 9/10/21	0%
Building 10		Excavate and Lag East to El 362	Thu 9/16/21	Fri 9/17/21	0%
Building 10		Install Row 4 Soil Nails El 365	Mon 9/20/21	Mon 9/20/21	0%
Building 10		Install Row 2 Tieback Anchors B19- B23	Tue 9/21/21	Wed 9/22/21	0%
Building 10		Install Row 2 Tieback Anchors	Thu 9/23/21	Tue 9/28/21	0%
Building 10		Excavate and Lag Tunnel to El 374	Wed 8/11/21	Fri 8/13/21	0%
Building 10		Install Tunnel Bracing	Thu 9/2/21	Fri 9/10/21	0%
Building 11		211 Install Soldier Pile Includes tunnel	Thu 8/12/21	Thu 9/9/21	0%
Building 11		Excavate-Lag Tunnel to El-376	Fri 9/10/21	Thu 9/16/21	0%
Building 11		Excavate- Lag Basment to El-375	Fri 9/17/21	Fri 9/24/21	0%