

AEC EXHIBITION HALL EXPANSION

- 01 | Design Development Progress
- 02 | Sustainable Aspects
- 03 | Schedule
- 04 | Next Steps

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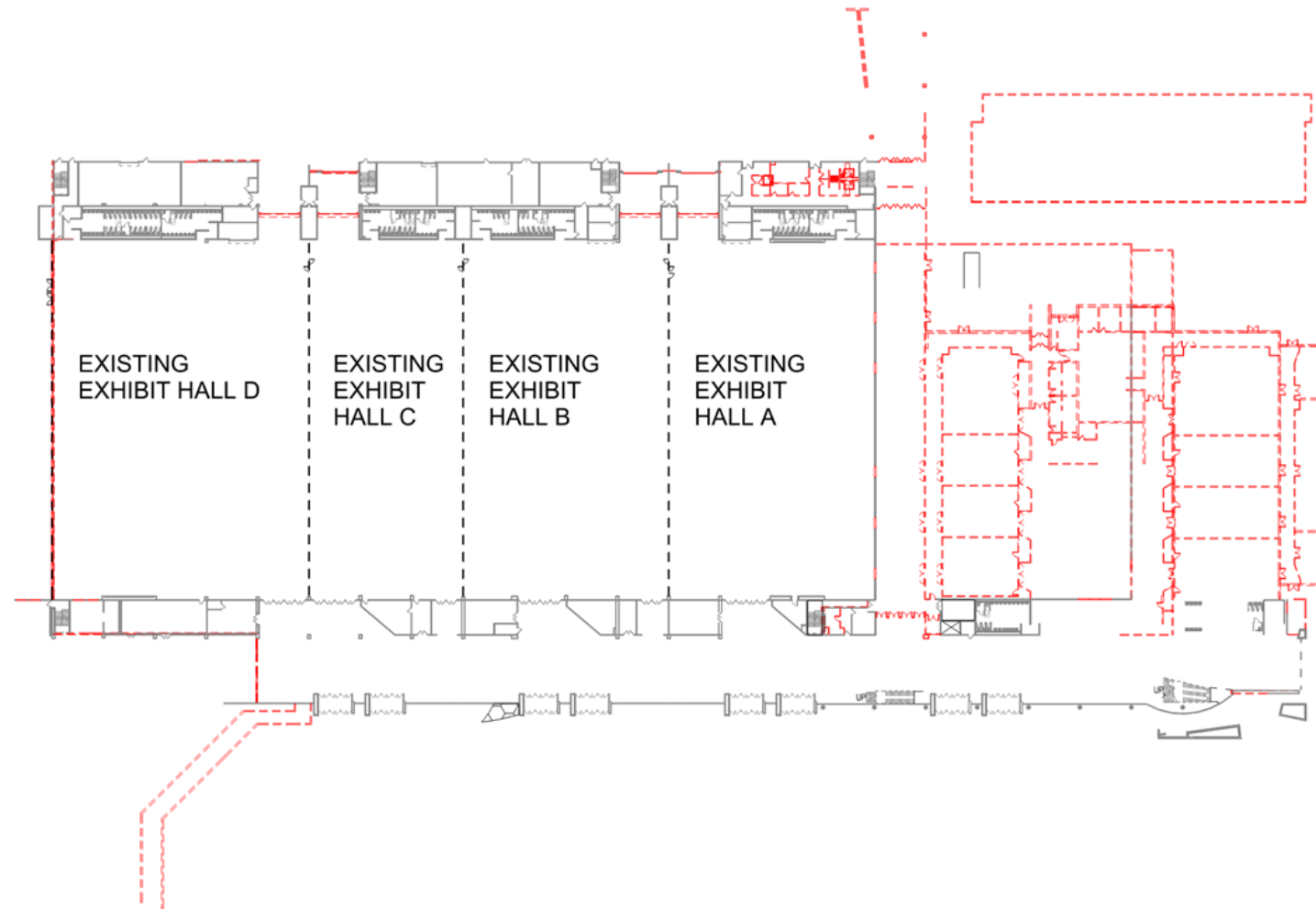
DESIGN

Design Development Progress

Existing Exhibition Hall - Aerial View



Existing Exhibition Hall Floor Plan - Proposed Demo



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Schematic Design - Site and First Floor

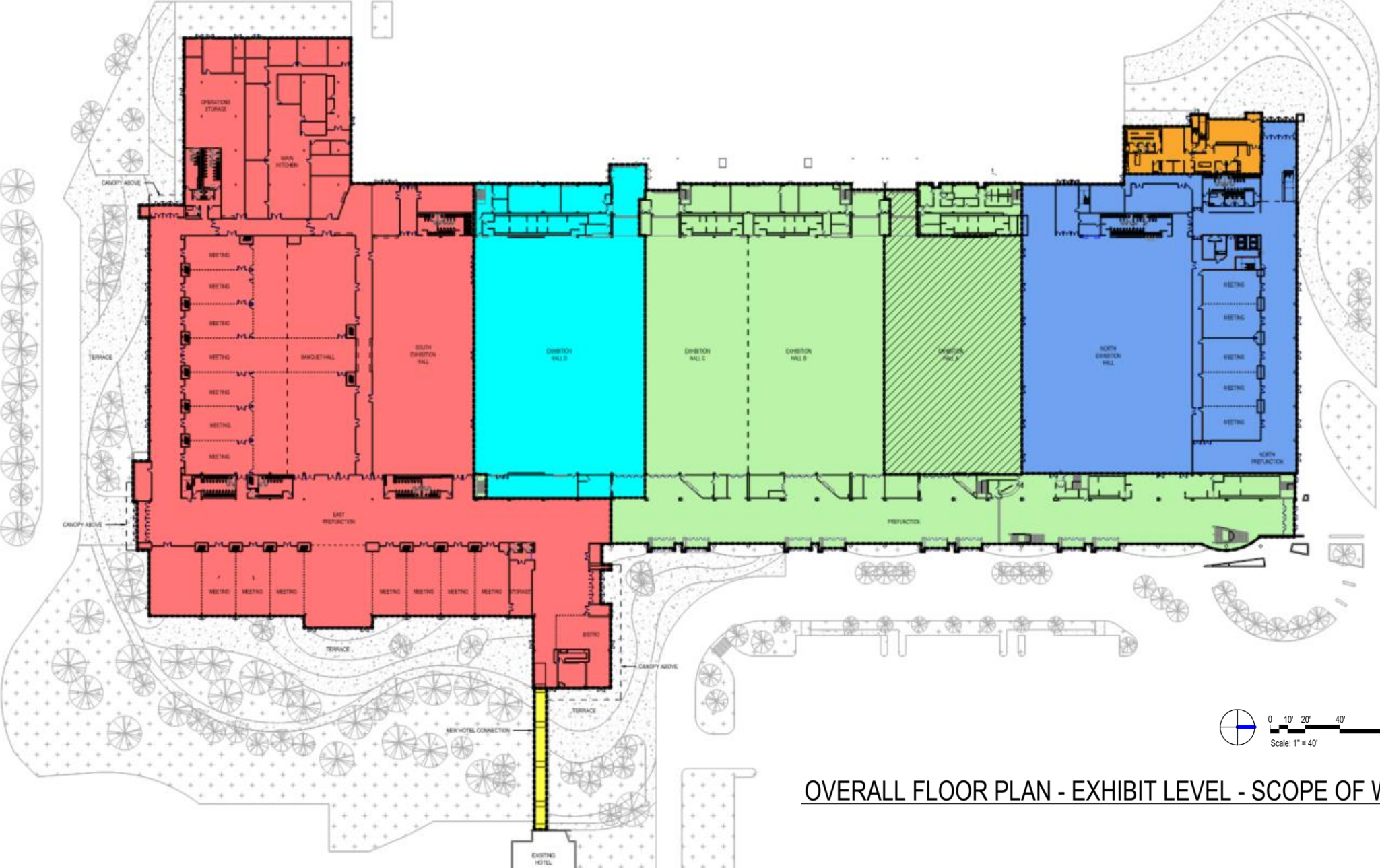


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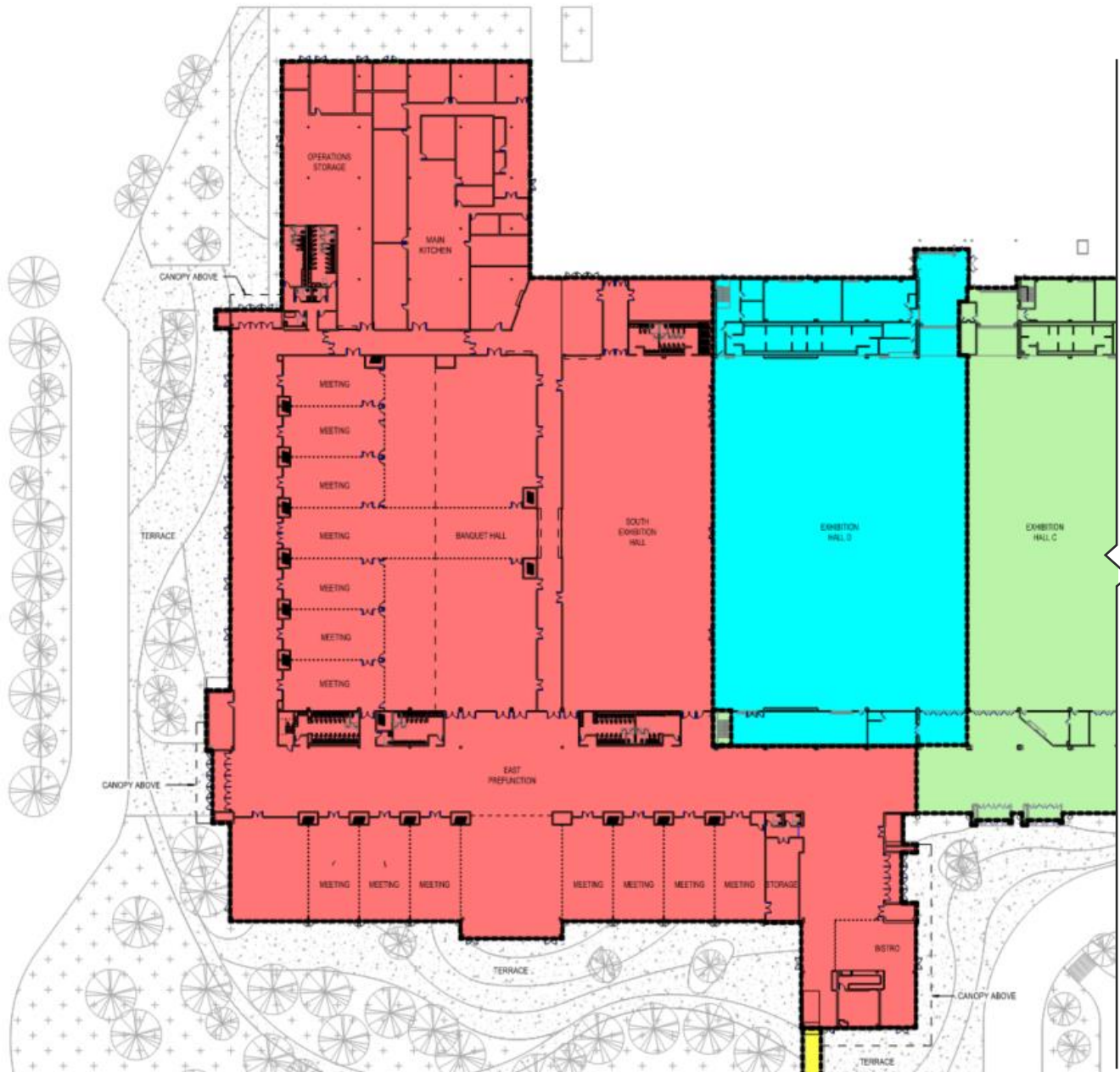
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






30% Design Development - Overall Site and First Floor



OVERALL FLOOR PLAN - EXHIBIT LEVEL - SCOPE OF WORK

30% Design Development – First Floor South



	01 SOUTH EXHIBITION CENTER ADDITION	= 144,824 S.F.
	02 HOTEL CONNECTOR	= 1,343 S.F.
	03 NORTH EXHIBITION CENTER ADDITION	= 64,245 S.F.
	04 RELOCATED ADMIN / OPS	= 5,625 S.F.
	EXISTING - MODIFIED FIRST FLOOR	= 41,667 S.F.
	EXISTING - UNMODIFIED FIRST FLOOR	<u>= 121,576 S.F.</u>
TOTAL		= 379,280 S.F.
	EXHIBIT HALL A	= 26,417 S.F.



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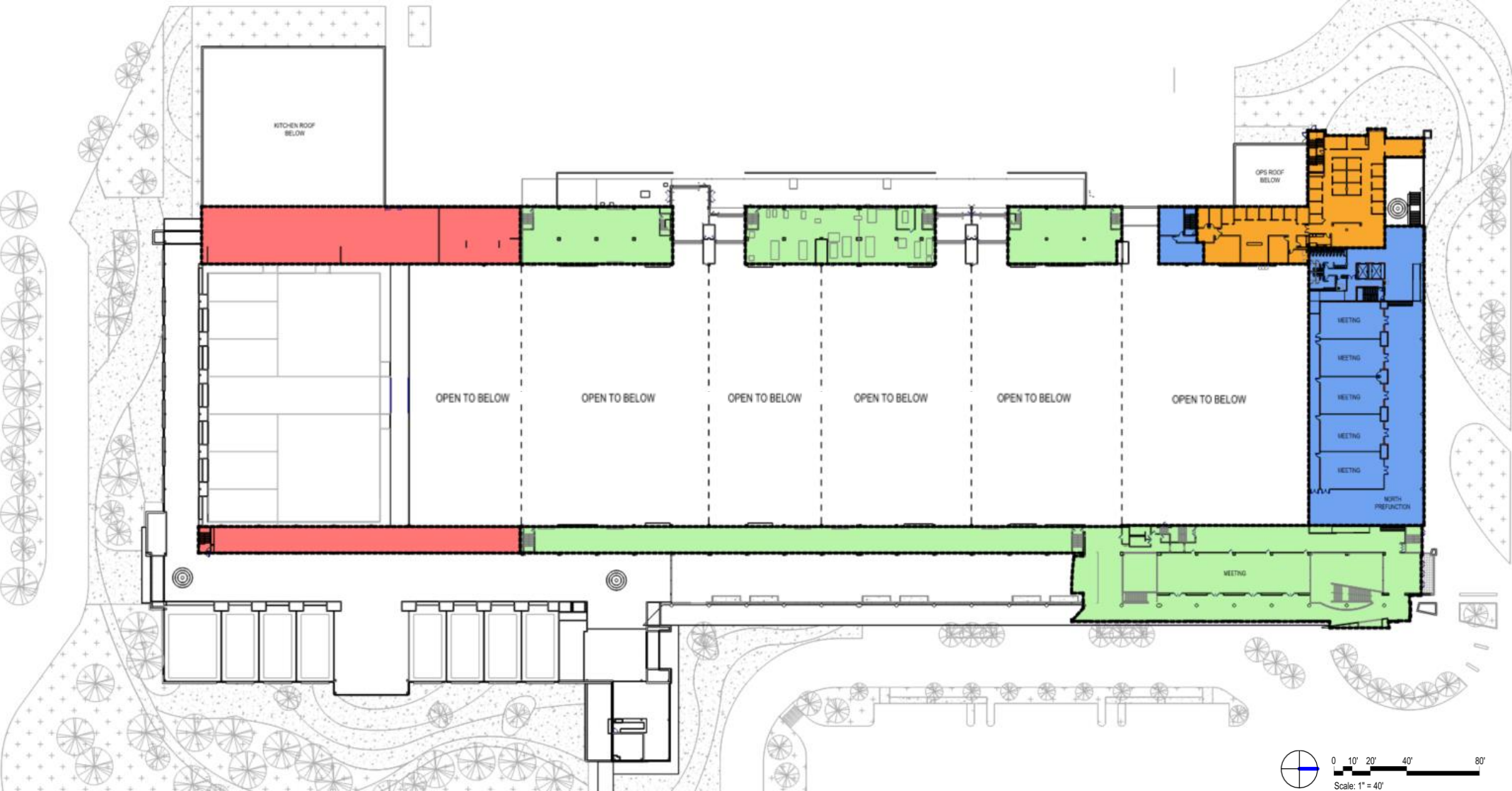
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30% Design Development – First Floor North

	01 SOUTH EXHIBITION CENTER ADDITION	= 144,824 S.F.
	02 HOTEL CONNECTOR	= 1,343 S.F.
	03 NORTH EXHIBITION CENTER ADDITION	= 64,245 S.F.
	04 RELOCATED ADMIN / OPS	= 5,625 S.F.
	EXISTING - MODIFIED FIRST FLOOR	= 41,667 S.F.
	EXISTING - UNMODIFIED FIRST FLOOR	<u>= 121,576 S.F.</u>
	TOTAL	= 379,280 S.F.
	EXHIBIT HALL A	= 26,417 S.F.







30% Design Development - Overall Second Floor & Mechanical Mezzanines



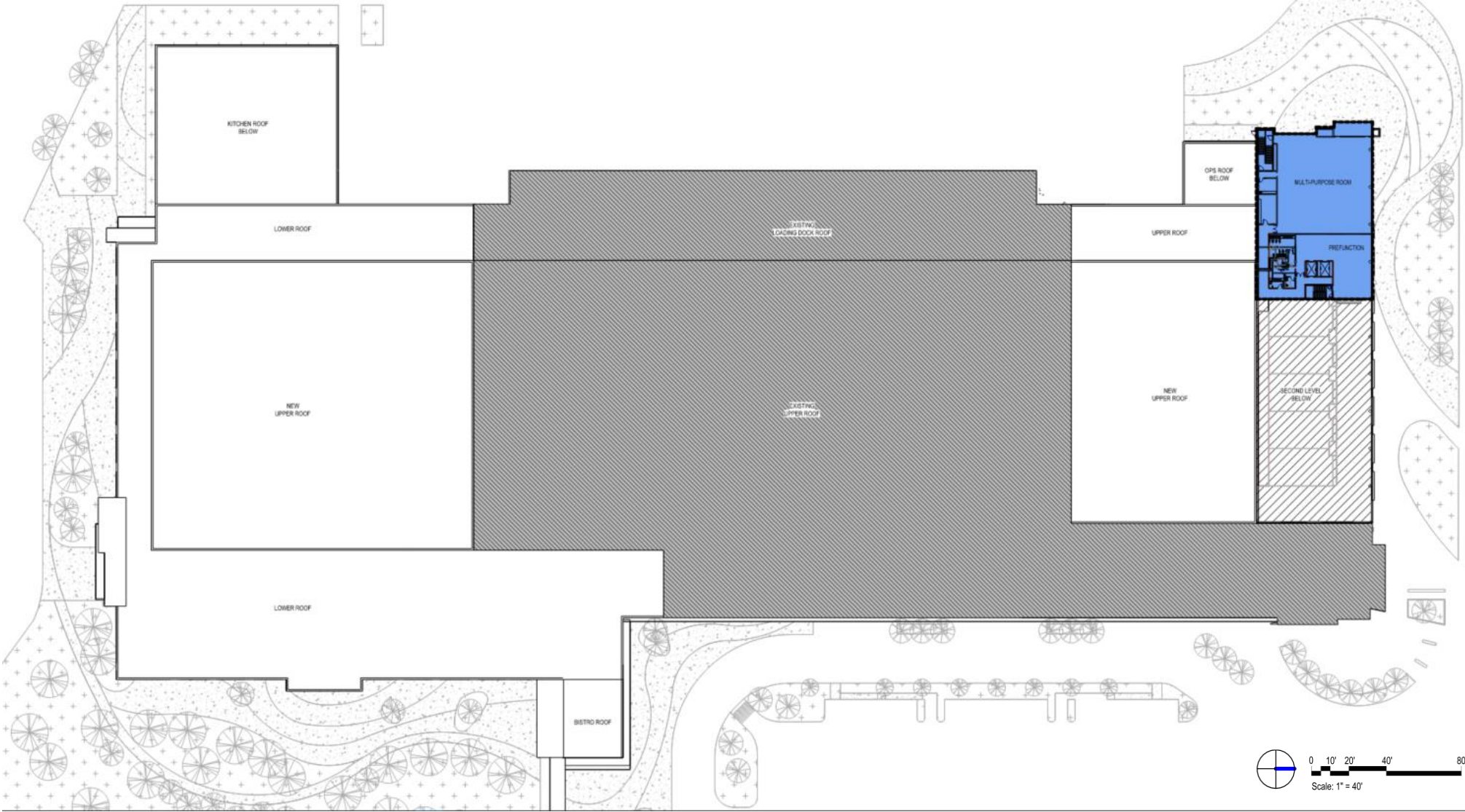
OVERALL FLOOR PLAN - SECOND LEVEL - SCOPE OF WORK

30% Design Development - Second Floor North

	01 SOUTH EXHIBITION CENTER ADDITION	= 17,186 S.F.
	03 NORTH EXHIBITION CENTER ADDITION	= 22,508 S.F.
	04 RELOCATED ADMIN / OPS	= 10,152 S.F.
	EXISTING - UNMODIFIED SECOND FLOOR	= 47,415 S.F.
TOTAL		<u>= 97,261 S.F.</u>



Schematic Design - Third Floor






OVERALL FLOOR PLAN - THIRD LEVEL - SCOPE OF WORK

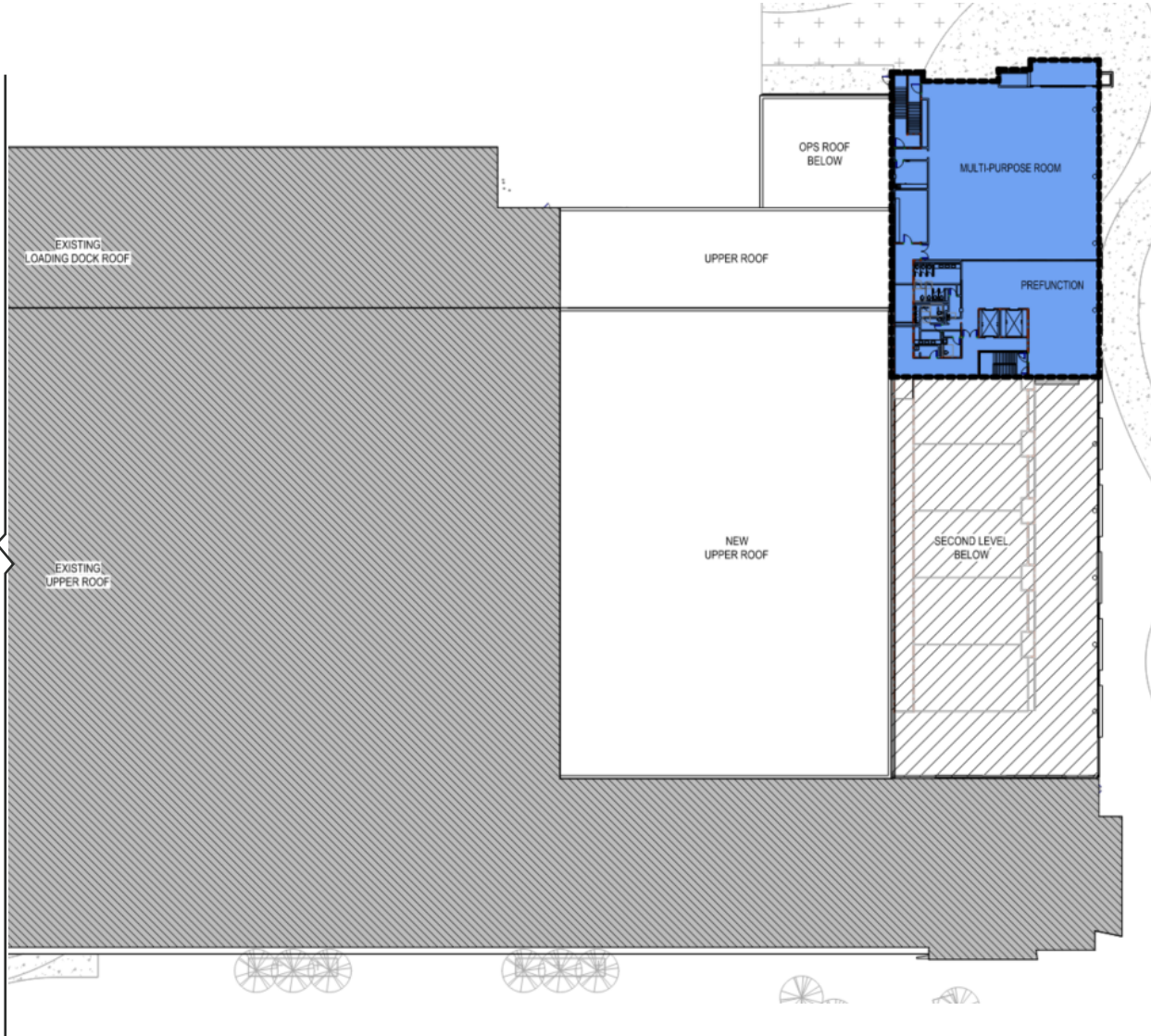


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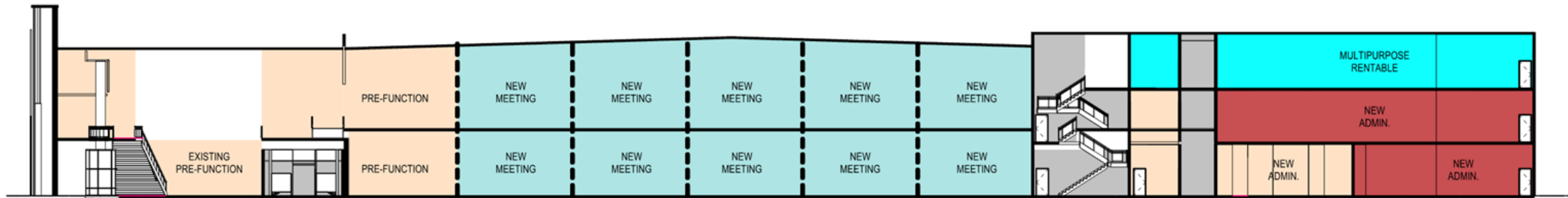
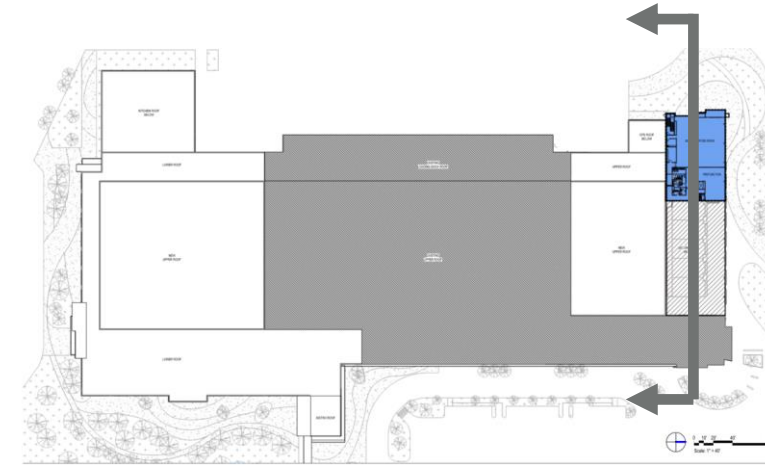
30% Design Development - Third Floor North

	NEW ROOF	
	EXISTING ROOF	
	03 NORTH EXHIBITION CENTER ADDITION	= 12,800 S.F.
	TOTAL	= 12,800 S.F.



30% Design Development – North Building Cross Section

-  New Administration
-  Concourse – Pre-function
-  New Meeting
-  Multipurpose Rentable
-  Support Spaces



30% Design Development – Northeast Corner Entry



30% Design Development – Bistro Entrance / Hotel Connector



30% Design Development – Southeast Corner Entry



30% Design Development – Northwest Corner Entry

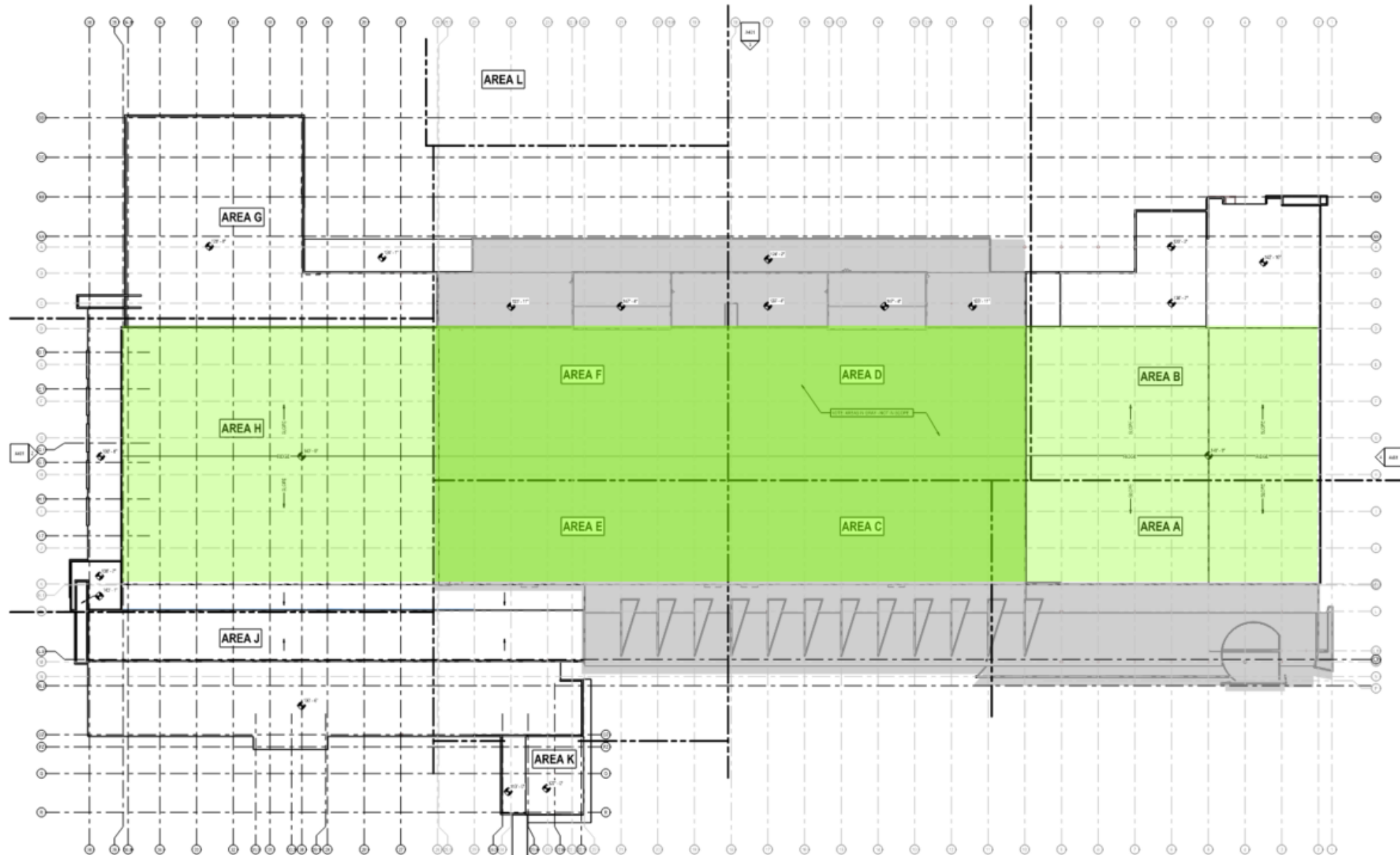


Sustainable Aspects

Sustainable Project Components Update

- Geo-Thermal Mechanical Systems
- Replacement of Existing Steam Boilers
- Elimination of Fossil Fuel Burning Equip.
- Fully Electrified Systems
- Rooftop Solar Panel Installations
- On-Site Electrical Storage
- Reuse of Some Salvaged Materials from Building Demolition.
- Rainwater Harvesting
- Elimination of Groundwater Irrigation
- Campus Stormwater Management Planning
- Native Landscape & Plantings
- Mature Tree Shading
- Solar Shading Devices
- High Efficiency Glazing
- On-Site Stormwater Mgmt.
- Solar Photovoltaic Ready
- Low Flow Plumbing Fixtures
- High Efficiency Water Heating
- Daylight Harvesting Controls
- Demand Control Ventilation
- Heat Recovery Systems

Rooftop Solar Opportunities

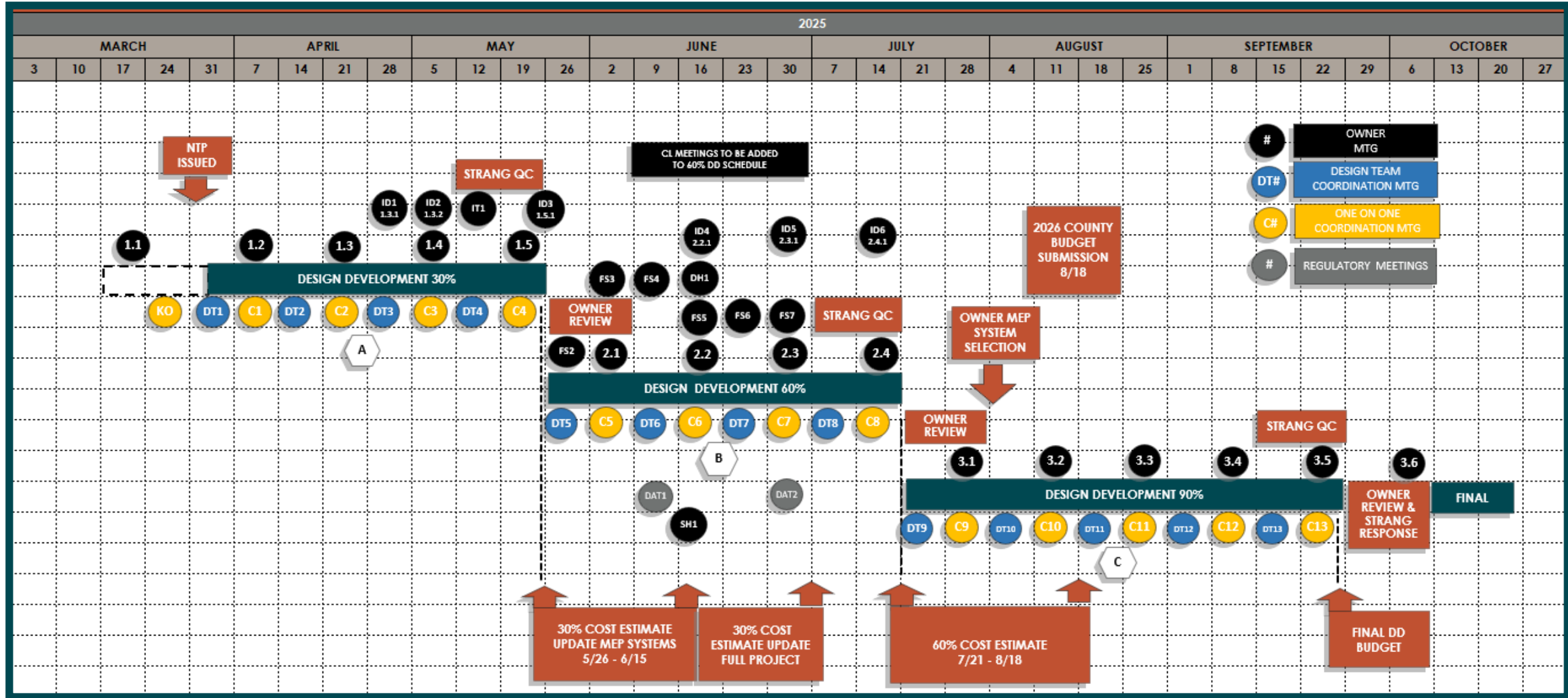


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DESIGN

Schedule

Design Development Schedule



Next Steps

Full Project Schedule

