



SAN BRUNO RECREATION & AQUATIC CENTER

Construction Advisory
Committee Update

June 21, 2023





AGENDA

1. Construction Update and Look Ahead Schedule
 - a) Project Information Update
 - b) Completed To Date
 - c) Schedule Update (Public Outreach)
 - d) What's Happening Next 30 Days and Beyond?
 - e) Adopted Projects Update
 - I. City Parkway and Crystal Spring Intersection
 - II. Beckner Shelter Road Projects
 - f) Change Order and Project Budget Update
 - g) Project Overview and Outlook
2. Questions

Construction Update and Look Ahead Schedule



PROJECT INFORMATION



Start Date: September 2021



Project Completion: (Late) Fall 2023



Estimated Cost Completed To Date: 66.51% (May 2023)



EarthCam Link: https://share.earthcam.net/RecCenterBuild/rec_center_build/camera/view_1



Multivista Aerial Photo on 04/06/23



Multivista Aerial Photo on 06/06/23

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (Through 06/20/23)



April 17, 2023

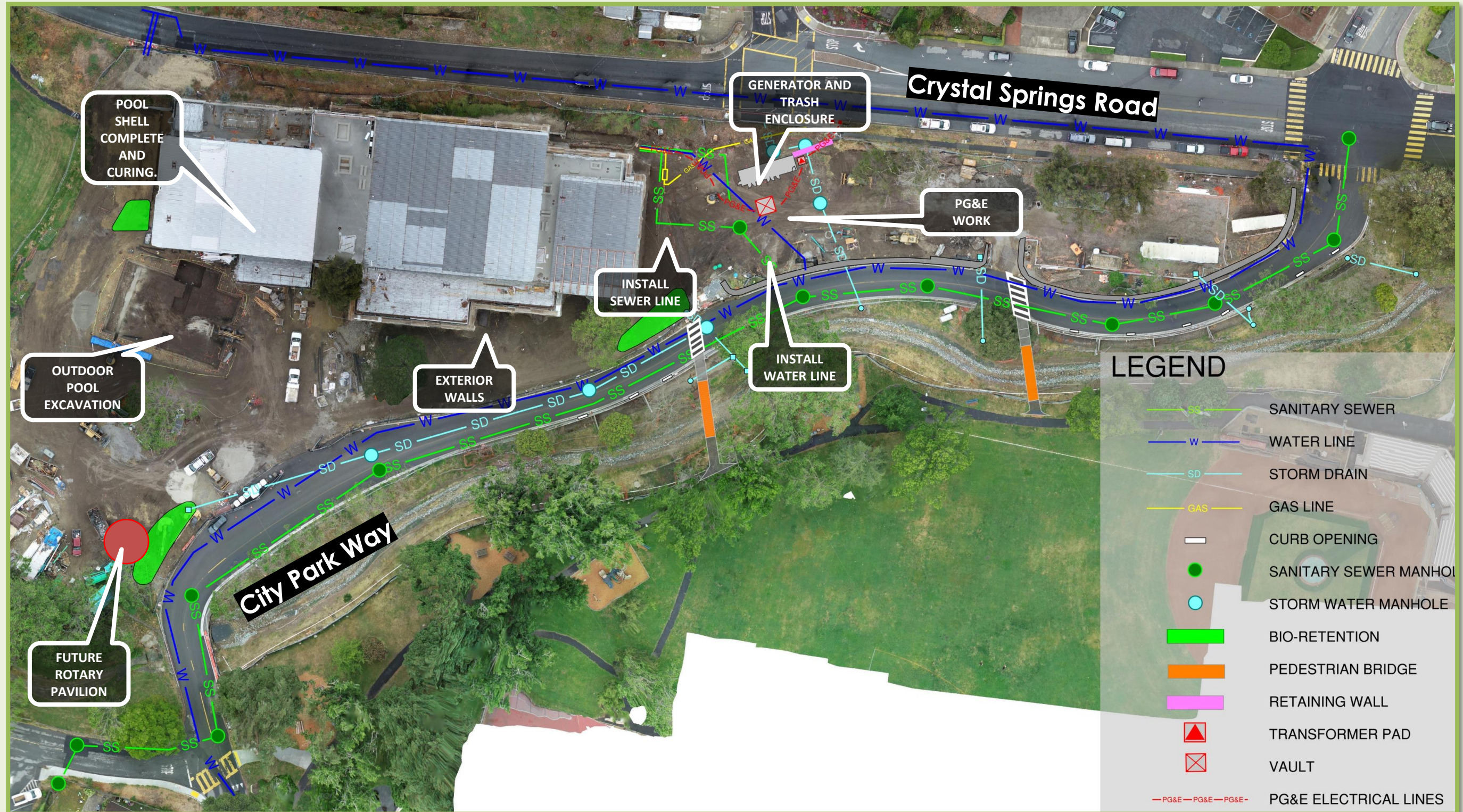


June 20, 2023



Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)

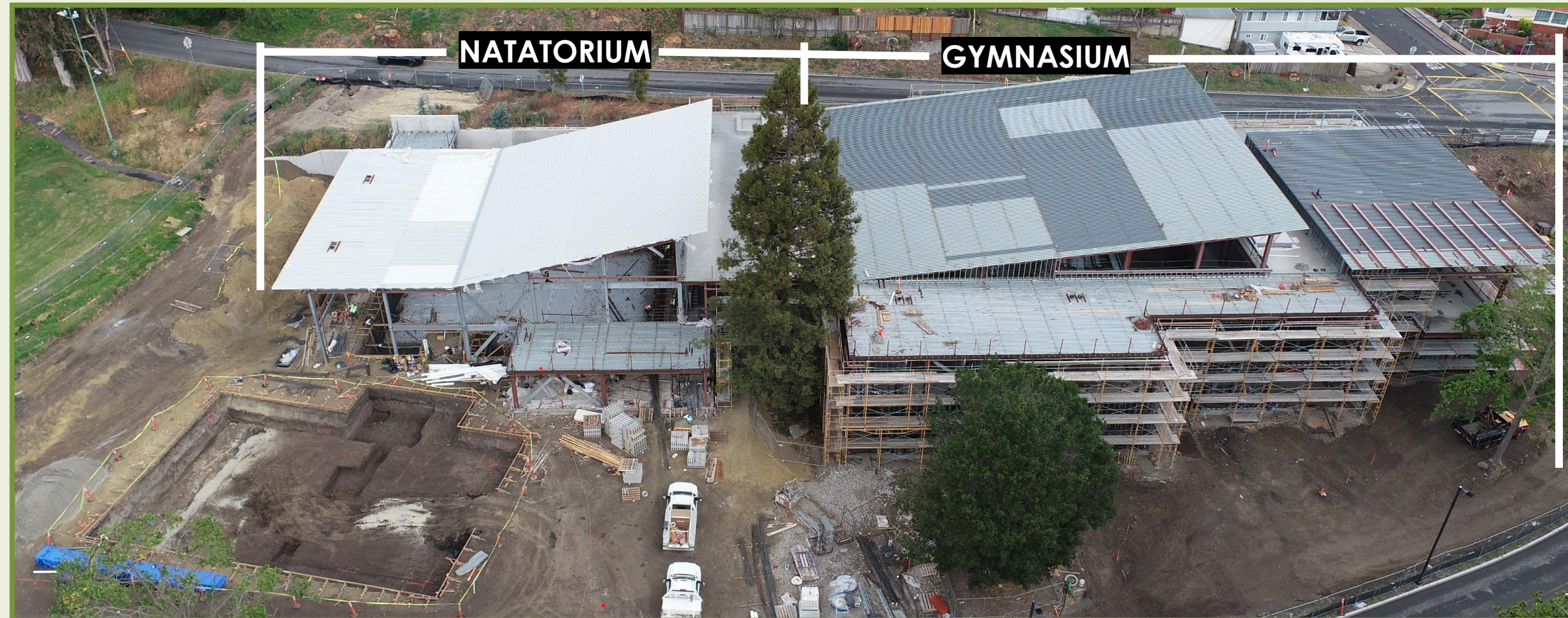


Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



BUILDING AND OUTDOOR POOL UPDATE



NATATORIUM

- Completed pool plumbing
- Completed rebar
- Poured bottom of pool shell
- Commenced installing CMU Walls
- Poured Mechanical Roof Curbs

OUTDOOR POOL (Critical Path)

- Started pool excavation
- Completed pool plumbing trenches
- Installed pool plumbing

GYMNASIUM

- Completed exterior wall framing and started installing exterior wall sheathing
- Continue with (MEP) Mechanical, Electrical, Plumbing installation (90% complete)
- Continue with interior wall framing

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: BUILDING EXTERIOR



NORTH



EAST



SOUTH



WEST

Completed

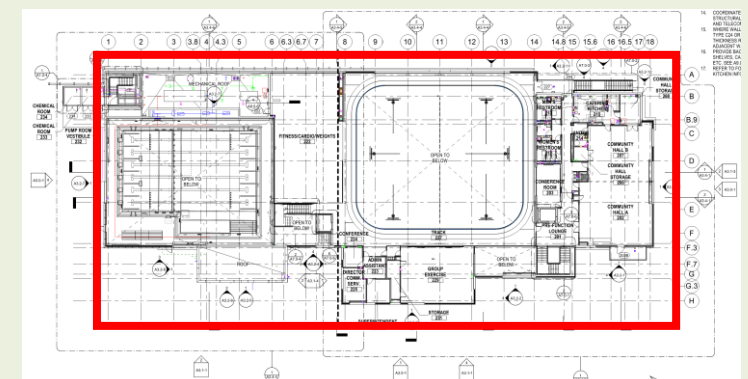
- External wall framing
- Exterior wall sheathing began



RENDERING - WEST



RENDERING - EAST



KEY MAP



Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: NATATORIUM – 1ST FLOOR – INDOOR POOL



FACING NORTH-WEST



FACING NORTHEAST



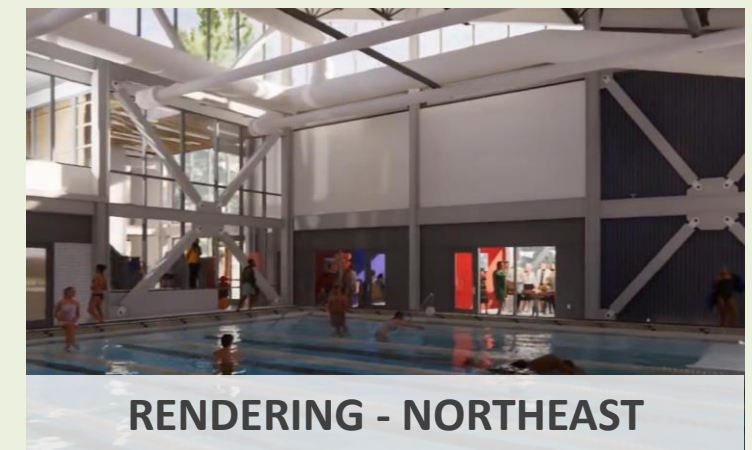
FACING NORTH



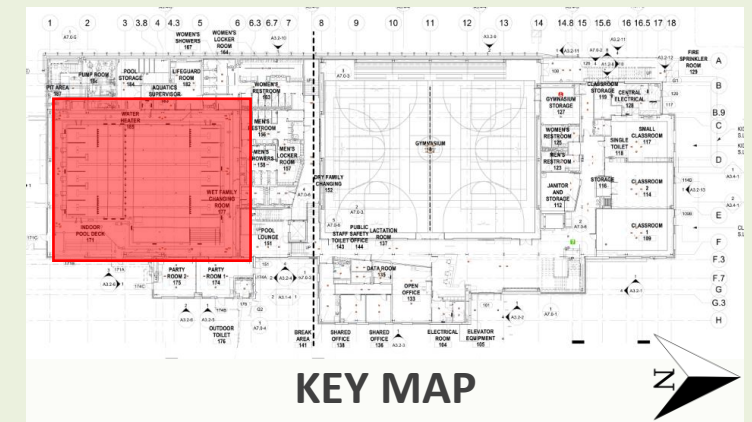
FACING SOUTH-WEST

Completed

- Pool inspection completed.
- Pool plumbing completed.
- Rebar completed.
- Indoor Pool Shell completed and in curing period



RENDERING - NORTHEAST



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: GYMNASIUM – 1st FLOOR – GYMNASIUM



FACING NORTH



FACING WEST



FACING EAST



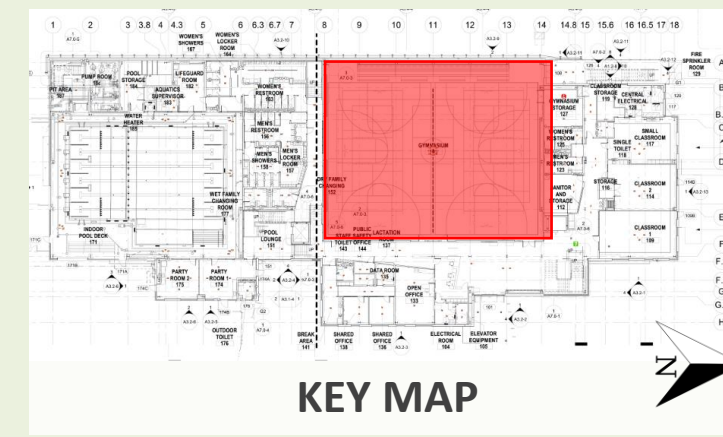
FACING SOUTH

Completed

- Interior framing and soffits
- (MEP) Mechanical, Electrical and Plumbing 90% complete



RENDERING - FACING SOUTH



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: GYMNASIUM – 1st FLOOR



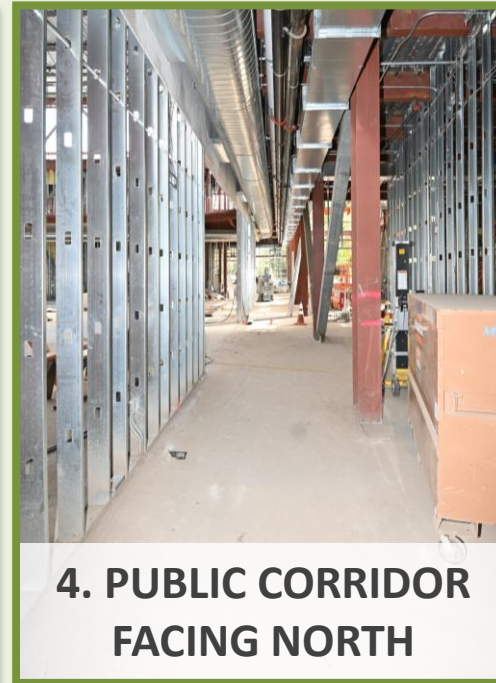
1. FRONT LOBBY



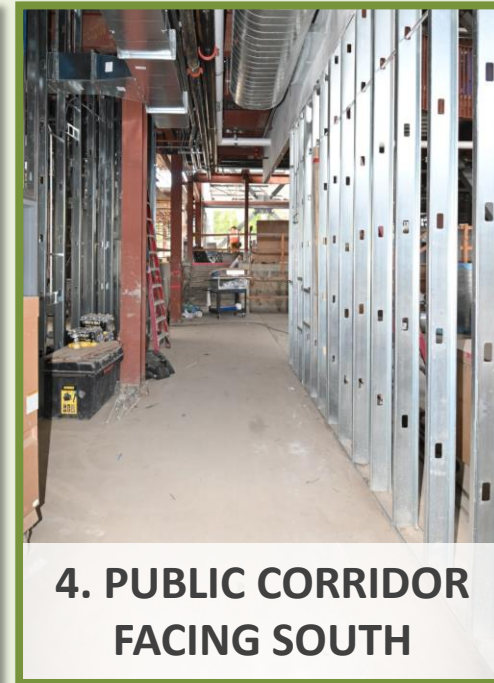
2. SHARED OFFICE RM 136



3. OPEN OFFICE RM 133



4. PUBLIC CORRIDOR FACING NORTH



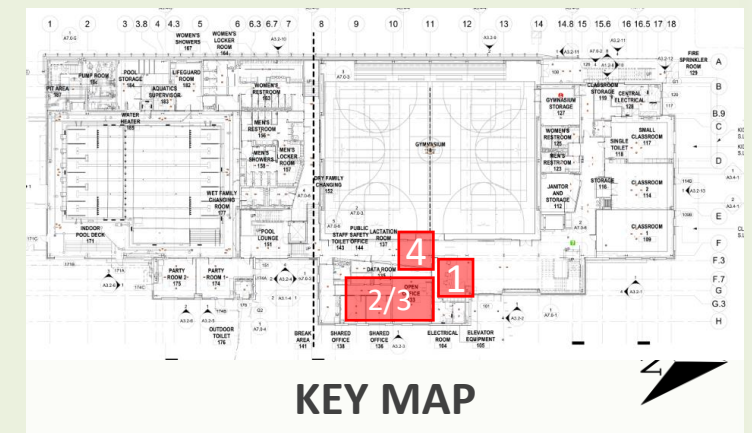
4. PUBLIC CORRIDOR FACING SOUTH

Completed

- Interior framing and soffits
- (MEP) Mechanical, Electrical and Plumbing 90% complete



RENDERING - FRONT LOBBY



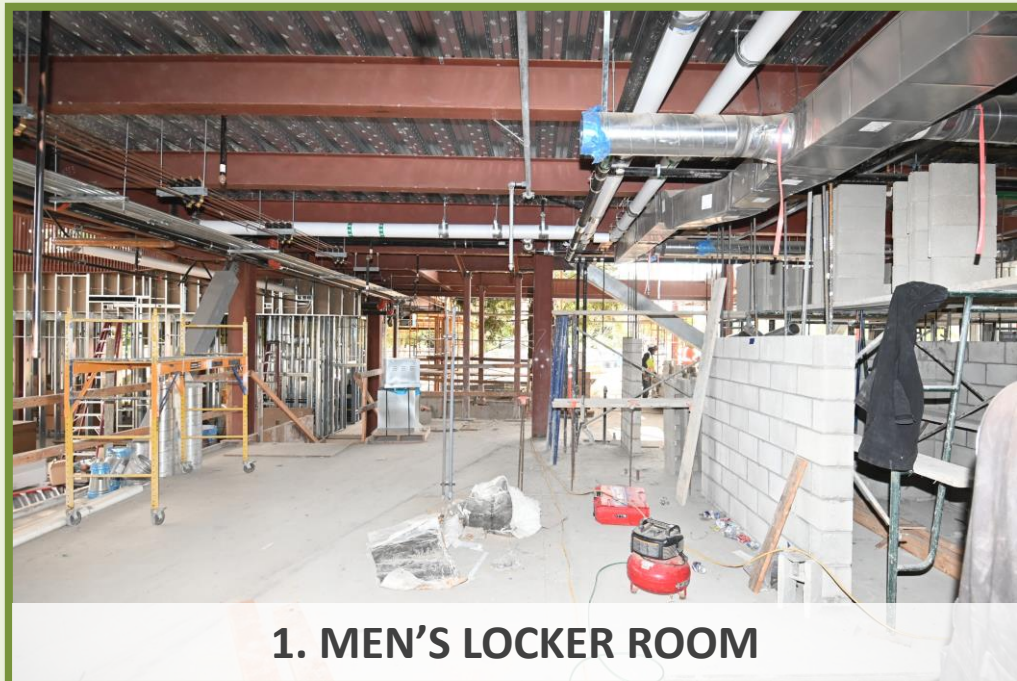
KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



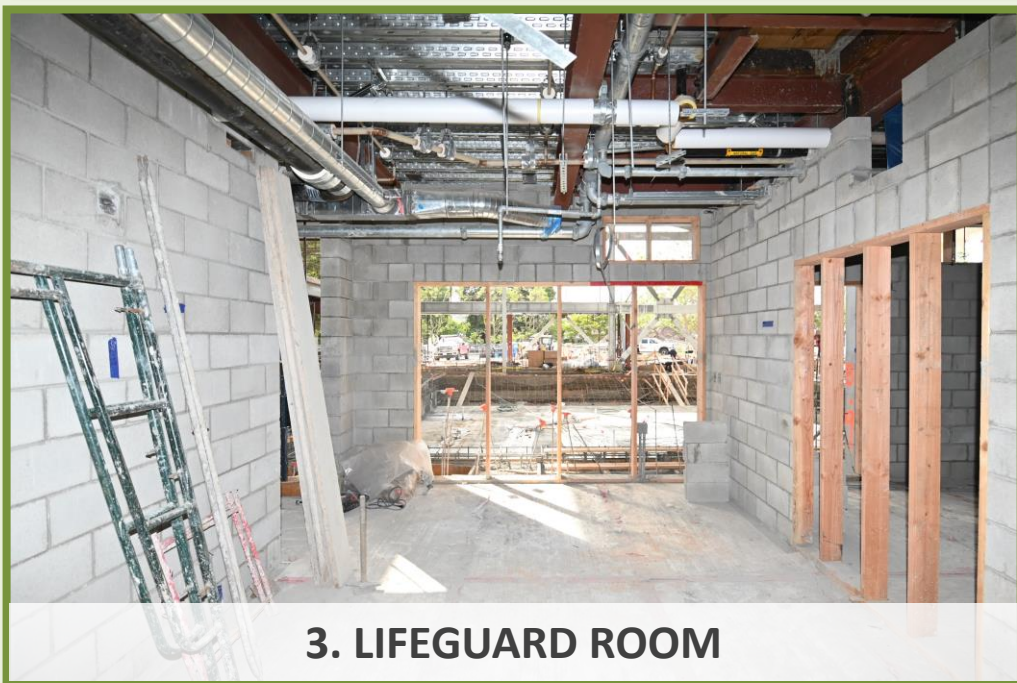
ONSITE UPDATE: GYMNASIUM – 1ST FLOOR



1. MEN'S LOCKER ROOM



2. WOMEN'S RESTROOM



3. LIFEGUARD ROOM



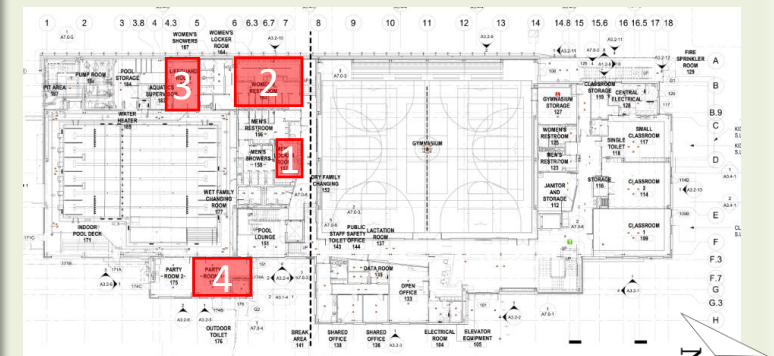
4. PARTY ROOM 1

Completed

- Interior framing and soffits
- (MEP) Mechanical, Electrical and Plumbing 90% complete



RENDERING - PARTY ROOM 1



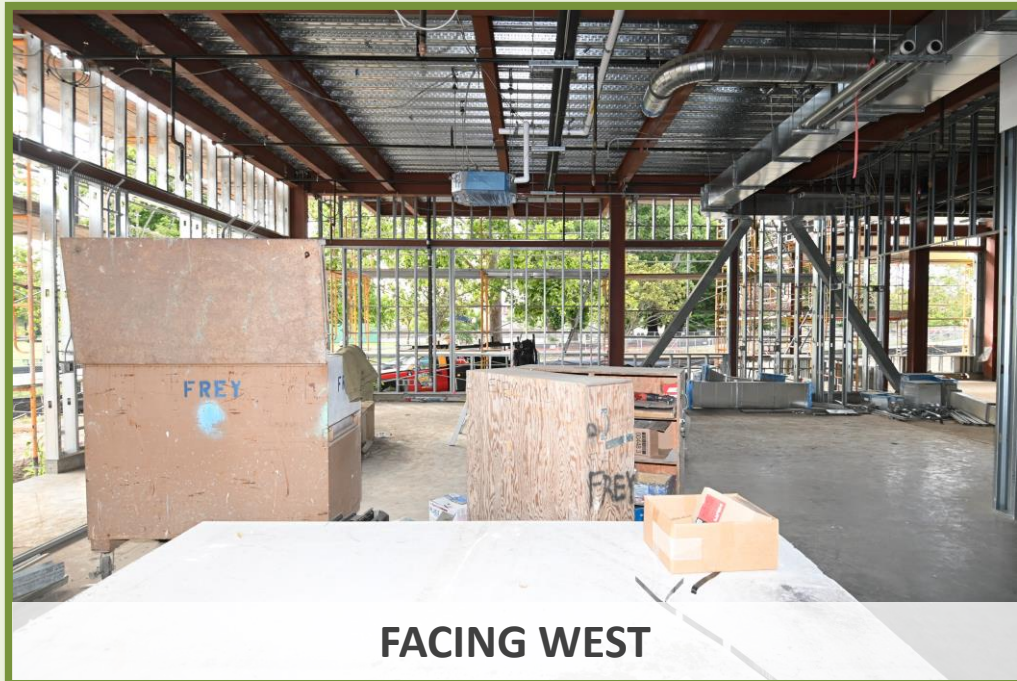
KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: GYMNASIUM – 1st FLOOR – CLASSROOM 2



FACING WEST



FACING NORTH



FACING EAST



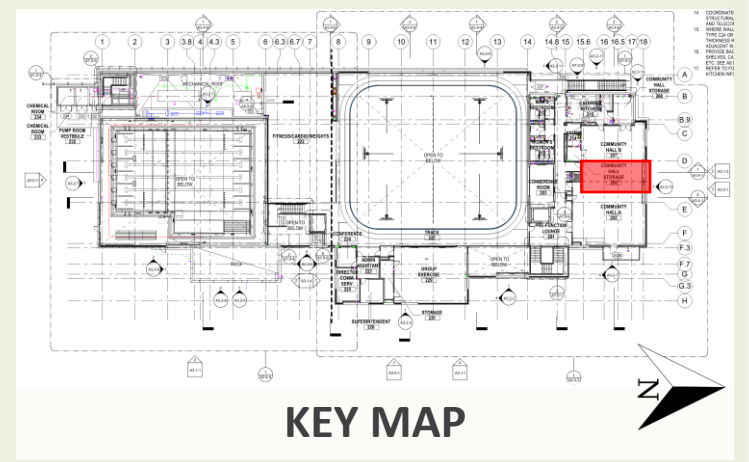
FACING SOUTH

Completed

- Interior framing and soffits
- (MEP) Mechanical, Electrical and Plumbing 90% complete



RENDERING FACING NORTHWEST



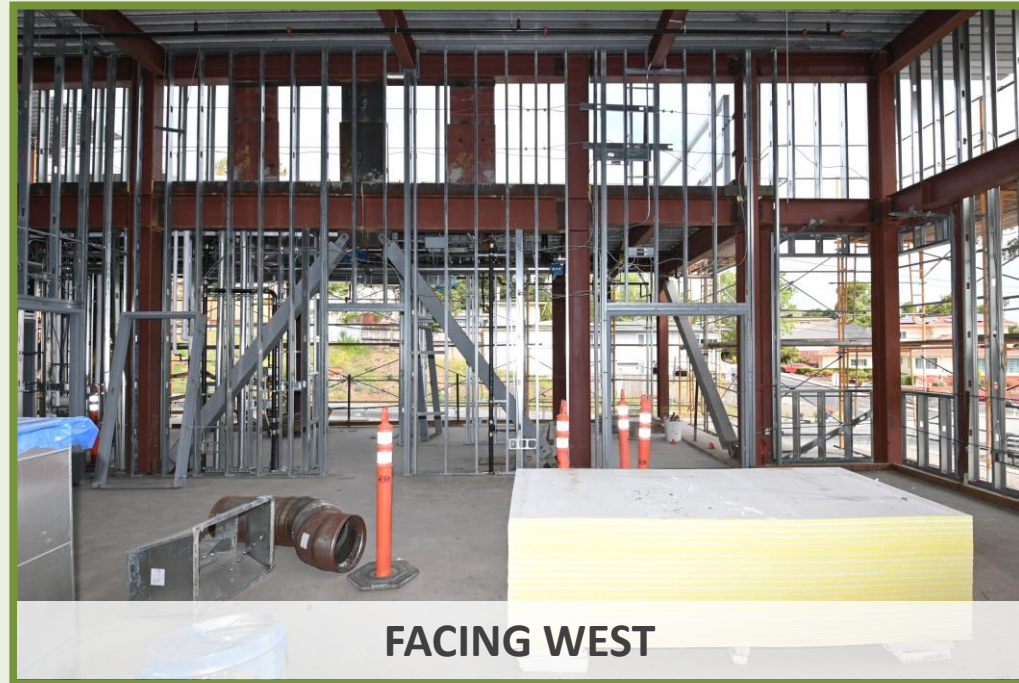
KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: GYMNASIUM – 2ND FLOOR – COMMUNITY HALL



FACING WEST



FACING NORTH



FACING EAST



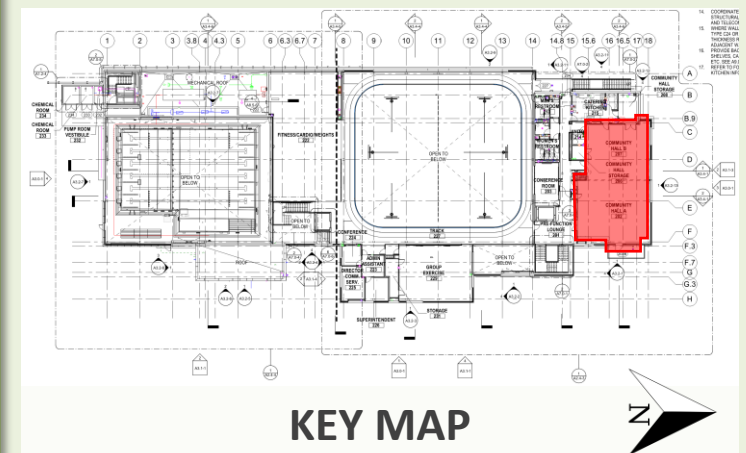
FACING SOUTH

Completed

- Interior framing and soffits
- Mechanical, Electrical and Plumbing 90% complete



RENDERING FACING NORTHWEST



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: GYMNASIUM – 2ND FLOOR – KITCHEN

Completed

- Interior framing and soffits
- Mechanical, Electrical and Plumbing 90% complete



FACING EAST



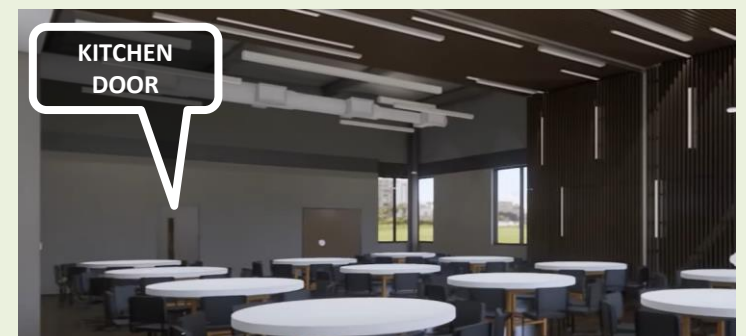
FACING NORTH



FACING EAST

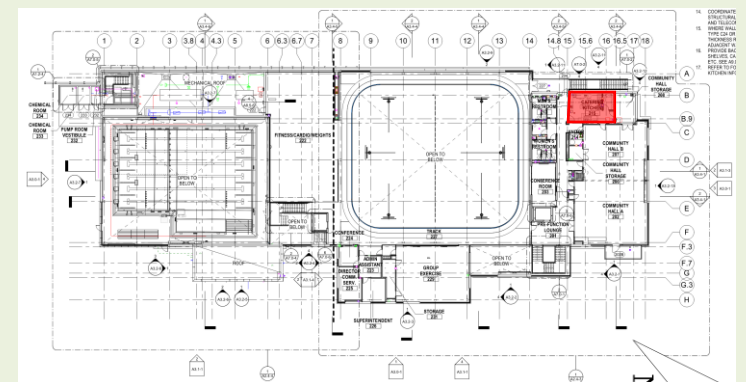


FACING SOUTH



KITCHEN DOOR

KITCHEN ACCESS FROM COMMUNITY HALL



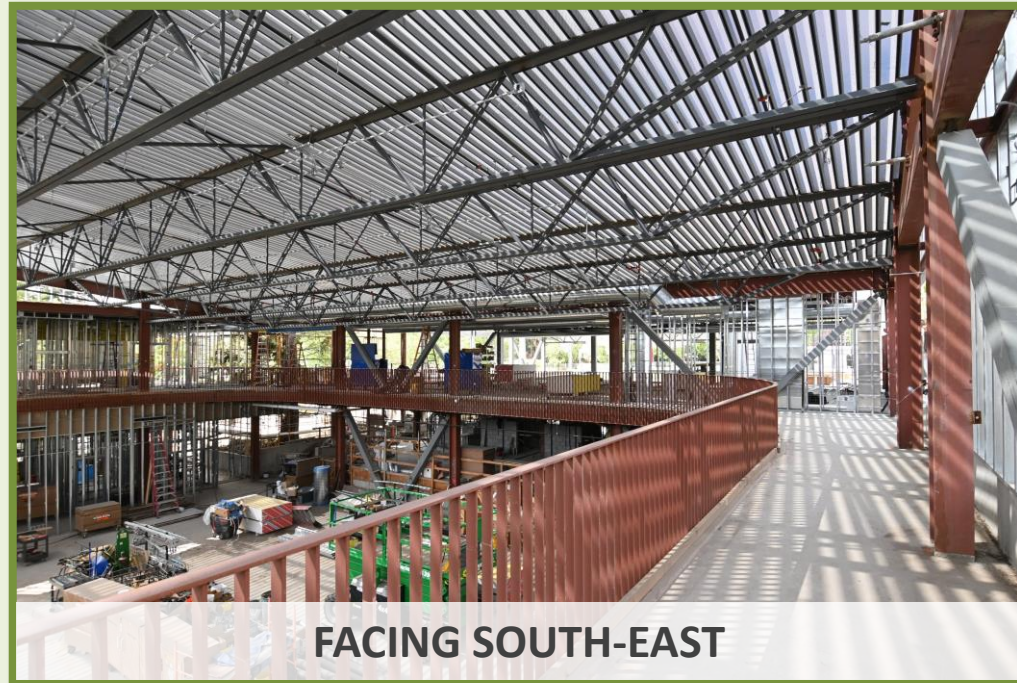
KEY MAP

Construction Update and Look Ahead Schedule

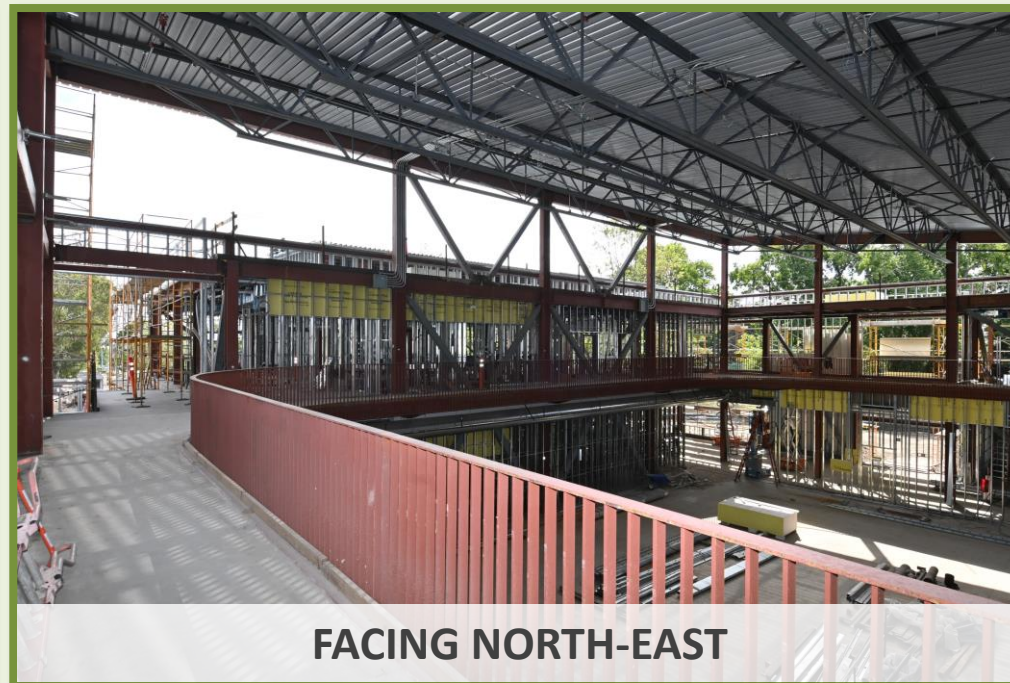
COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: GYMNASIUM – 2ND FLOOR – TRACK



FACING SOUTH-EAST



FACING NORTH-EAST



FACING EAST



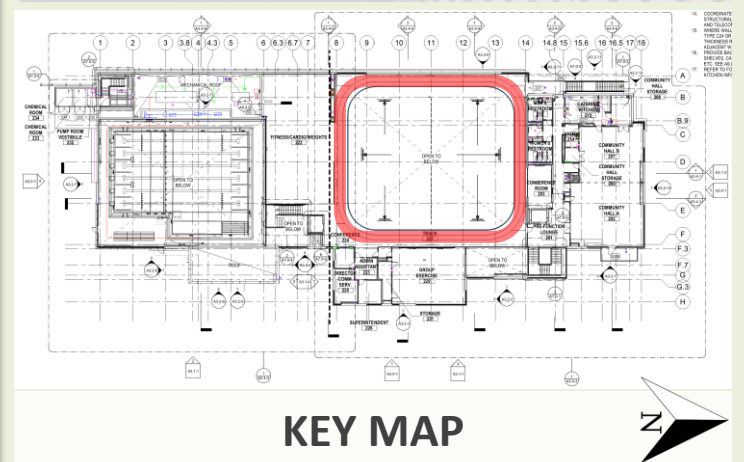
FACING WEST

Completed

- Interior framing and soffits
- Mechanical, Electrical and Plumbing 90% complete



RENDERING FACING NORTHWEST



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



ONSITE UPDATE: GYMNASIUM – 2ND FLOOR – GROUP EXERCISE ROOM



FACING WEST



FACING NORTH



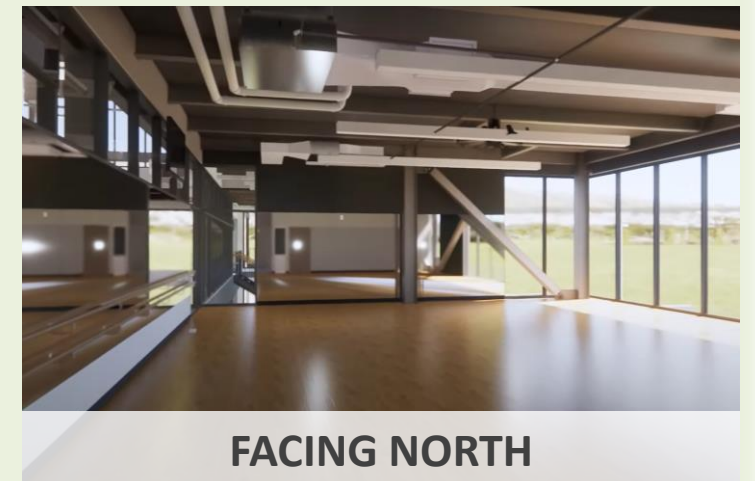
FACING EAST



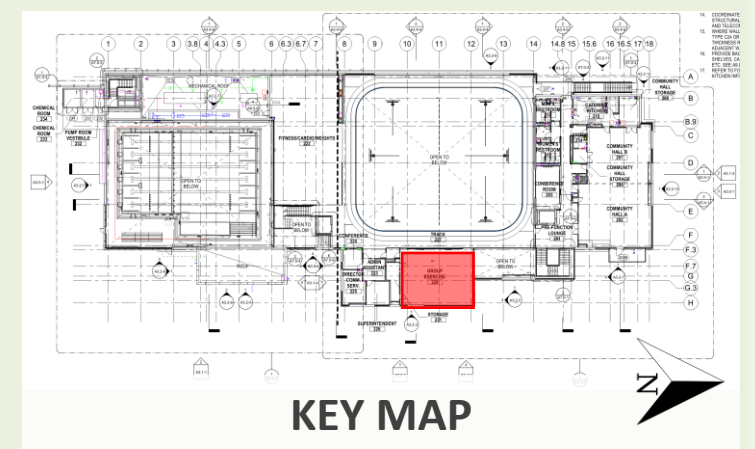
FACING SOUTH

Completed

- Interior framing and soffits
- Mechanical, Electrical and Plumbing 90% complete



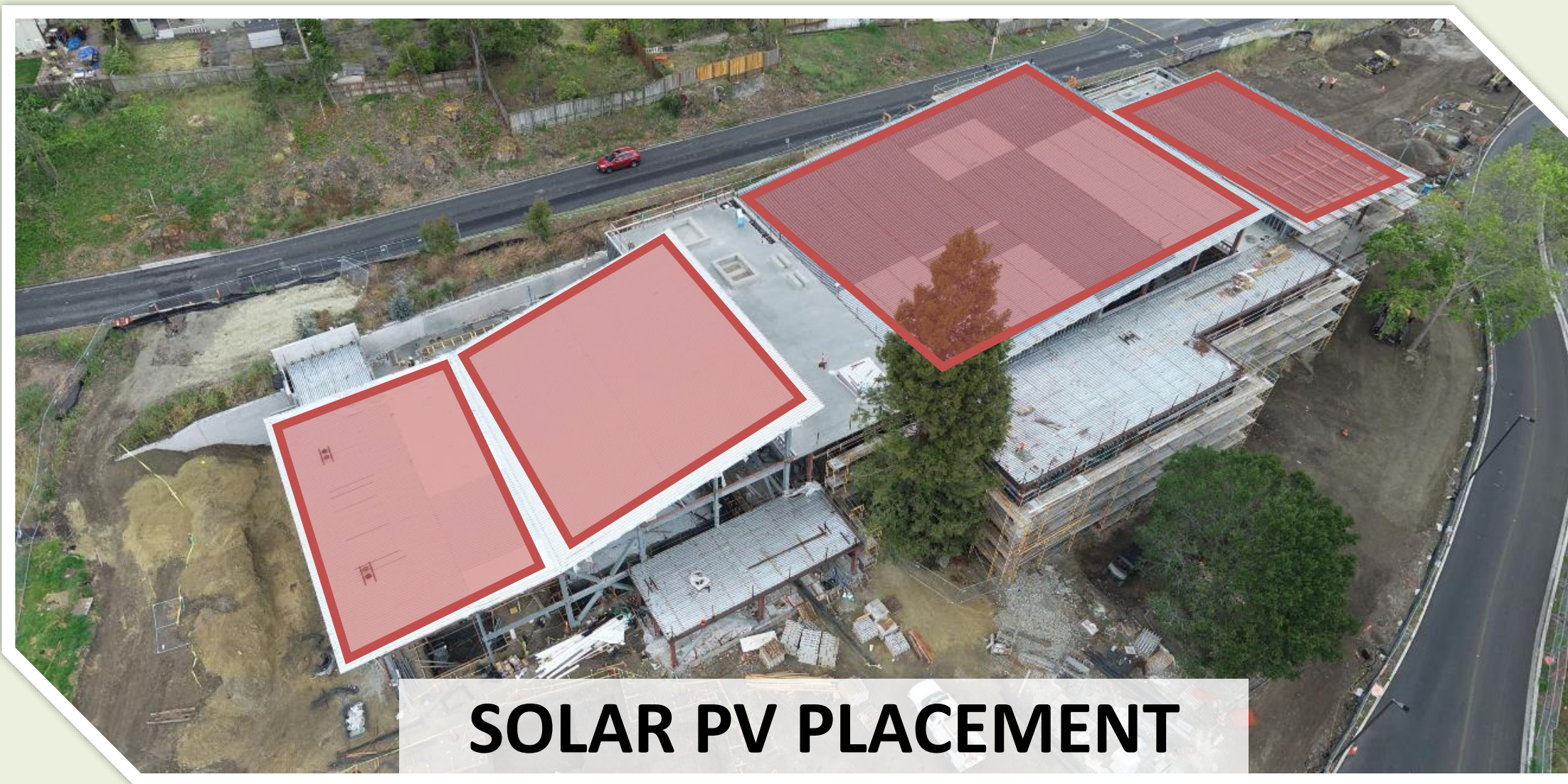
FACING NORTH



KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



SOLAR PV PLACEMENT



EXAMPLE OF BALLAST-MOUNTED SOLAR PANELS

SOLAR PV

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)



OFFSITE UPDATE: SOUTH SIDE



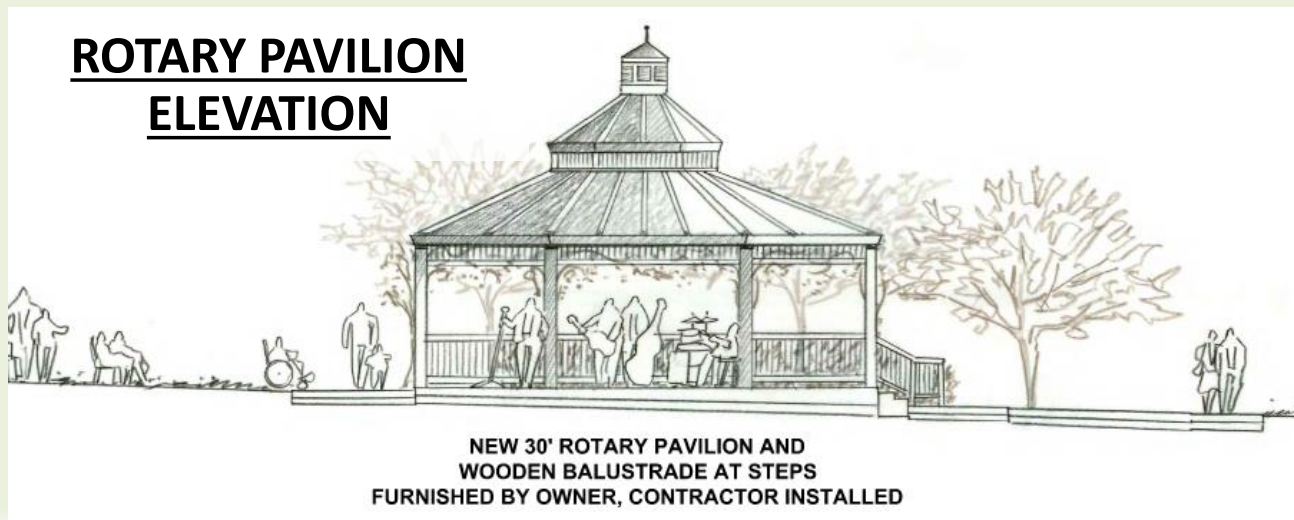
OUTDOOR POOL EXCAVATION



COMPLETED INSTALLING WATER SERVICES ON CRYSTAL SPRINGS ROAD.

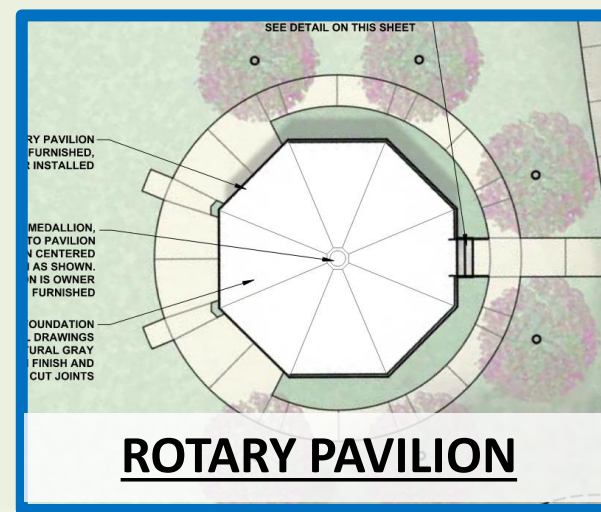


STORM DRAIN INSTALLATION

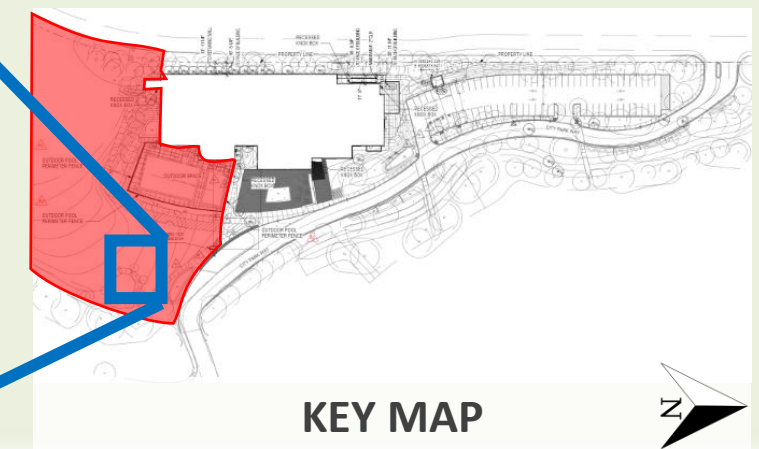


ROTARY PAVILION ELEVATION

NEW 30' ROTARY PAVILION AND WOODEN BALUSTRADE AT STEPS FURNISHED BY OWNER, CONTRACTOR INSTALLED



ROTARY PAVILION



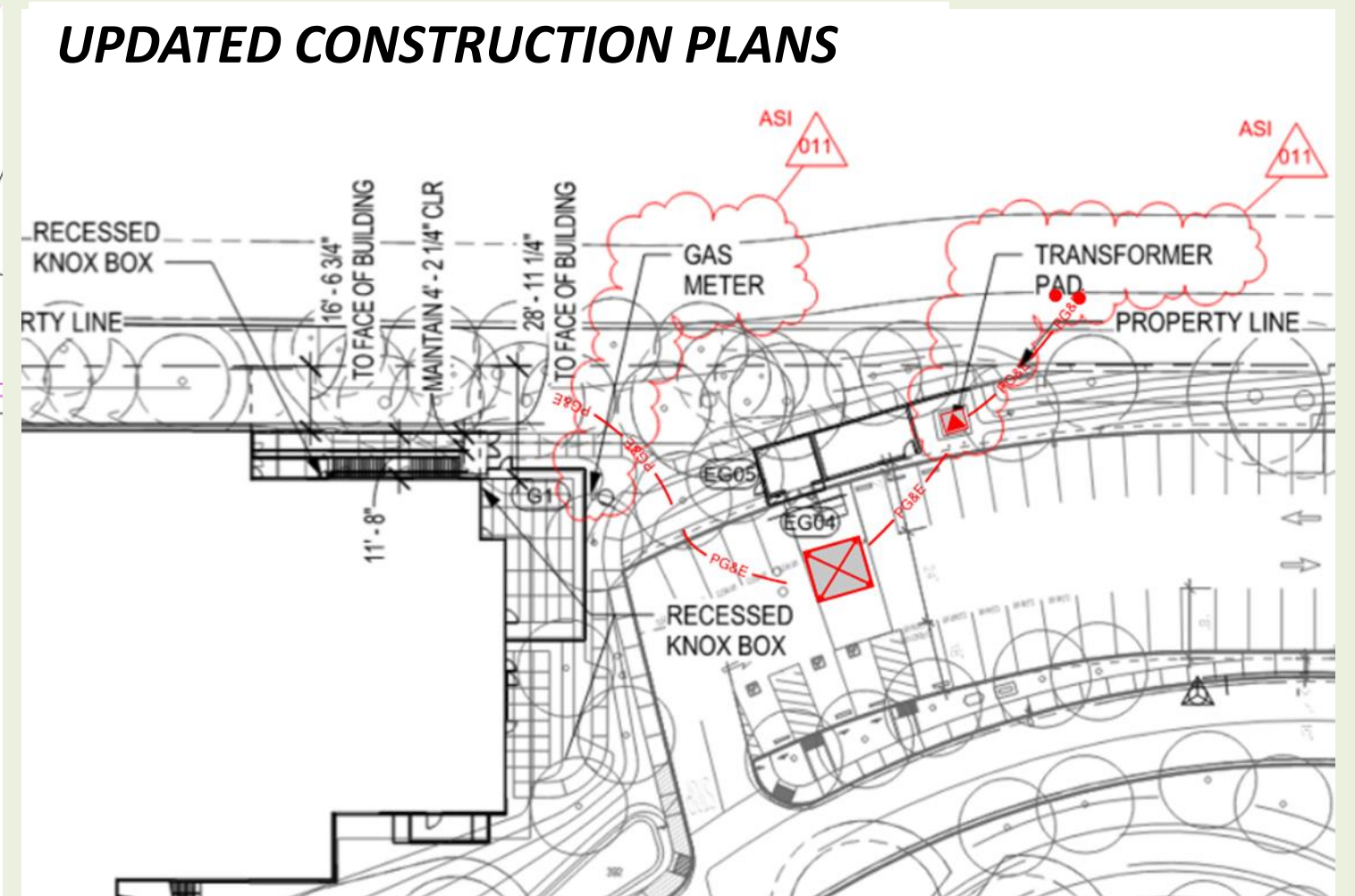
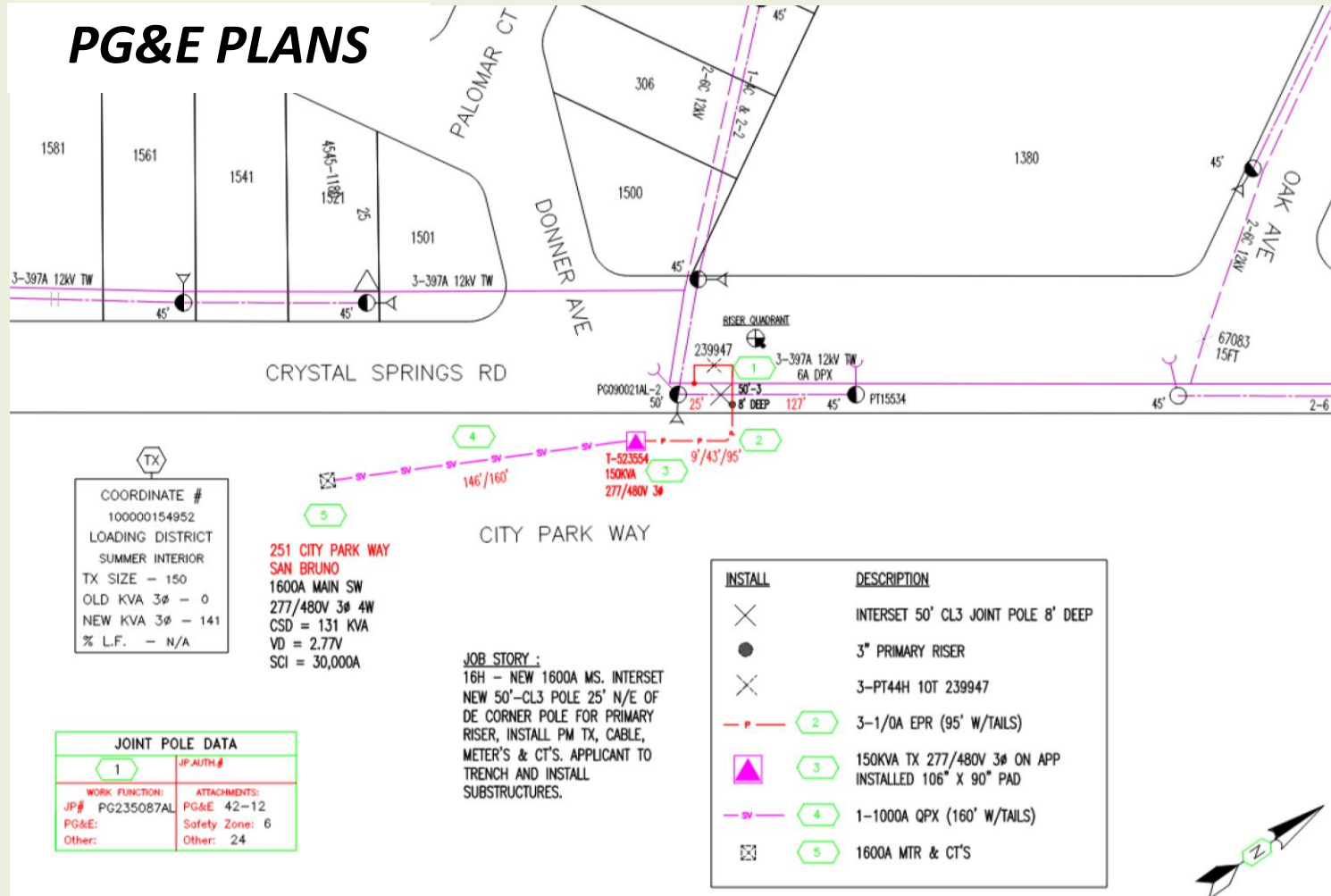
KEY MAP

Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)

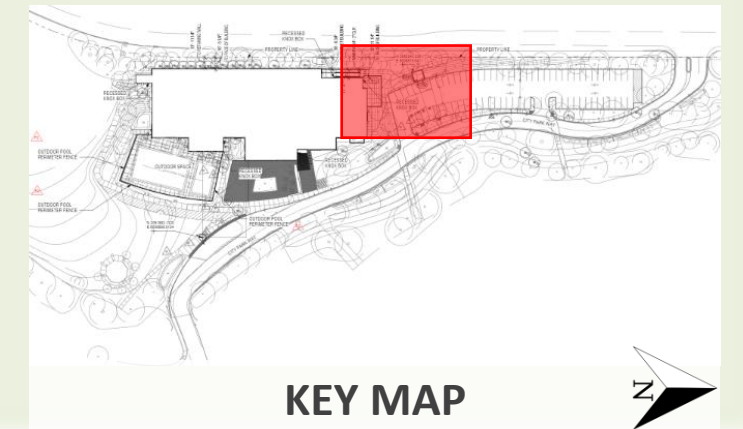


PG&E Update



PG&E Schedule

1. **Received** PG&E Plans – 5/16/23
2. **Completed** - Preconstruction Meeting (6/8/23)
3. **(3 weeks)** - Contractor to install PG&E substructures and transformer/pad
4. **(TBD)** - PG&E inspection (mandrill testing) and pad/transformer inspection
5. **(1 Week)** - City Building Inspection and tagging for meter
6. **(TBD)** - PG&E to confirm meter release and schedule for power
7. **(TBD)** – Power Service Drop

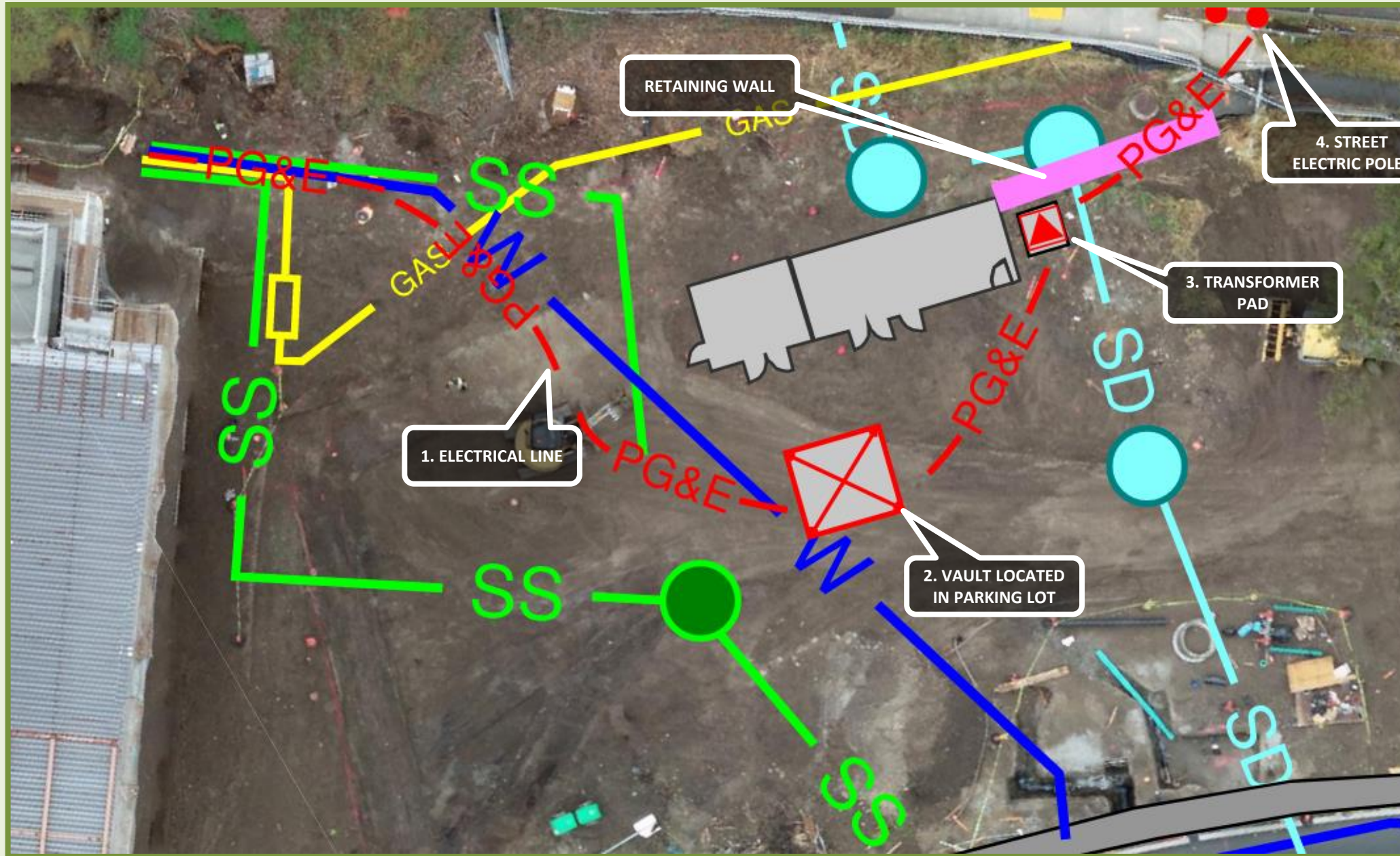


Construction Update and Look Ahead Schedule

COMPLETED TO DATE (MAY/JUNE)

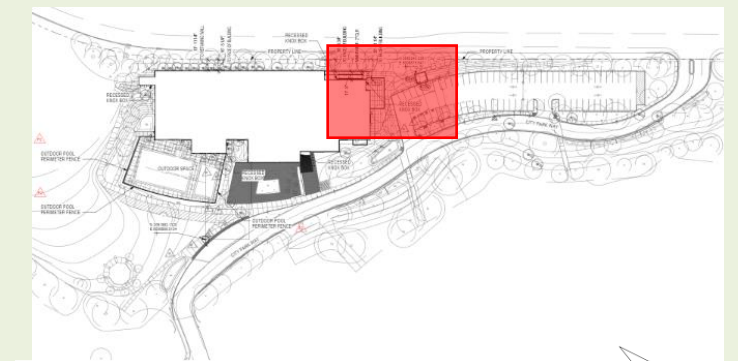


OFFSITE UPDATE (North Side)



PG&E Updates

- Limited allowable bends for electrical conduit:
 - Electric Line rerouted in front of retaining wall
 - Leads into a vault.
 - Routed to the transformer pad.
 - Connected to electrical poles at street



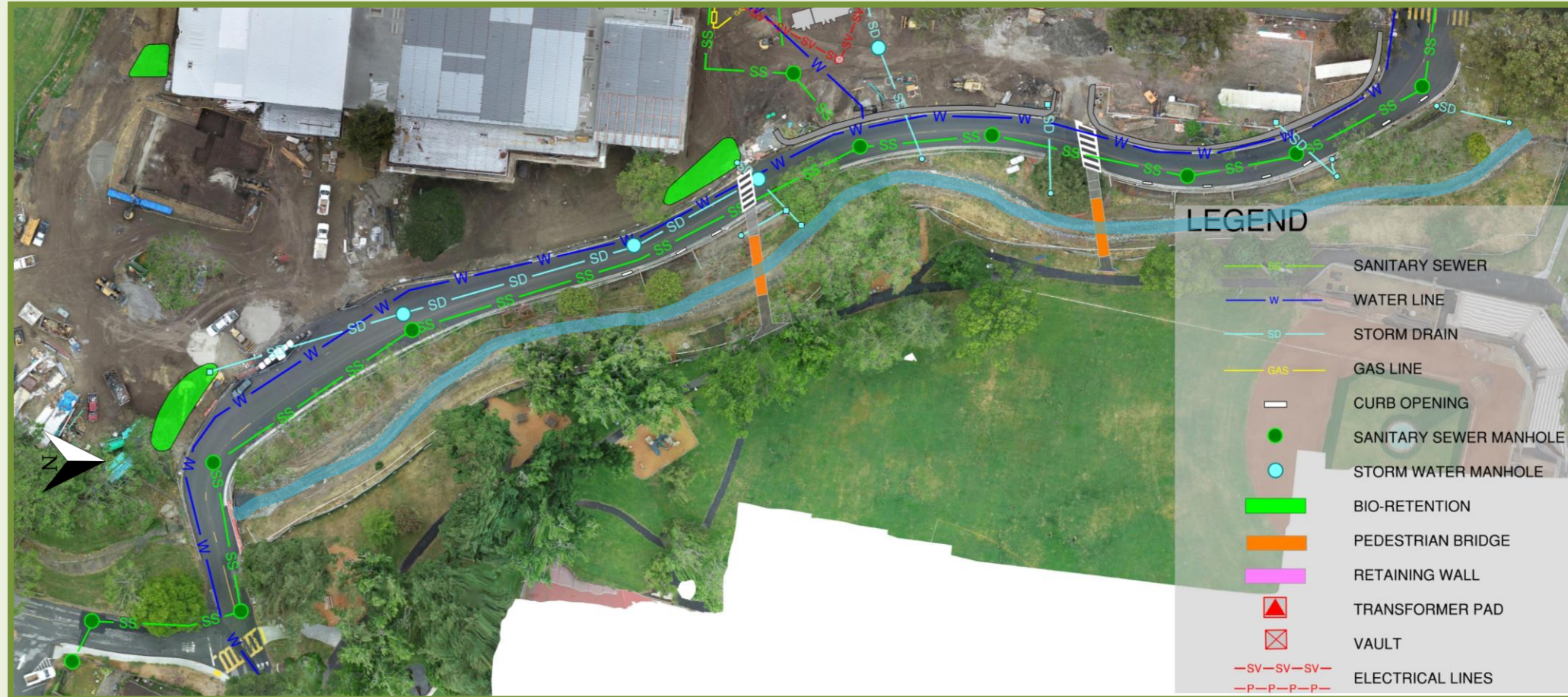
KEY MAP



Construction Update and Look Ahead Schedule

COMPLETED TO DATE (JUNE)

CREEK WORK STARTING

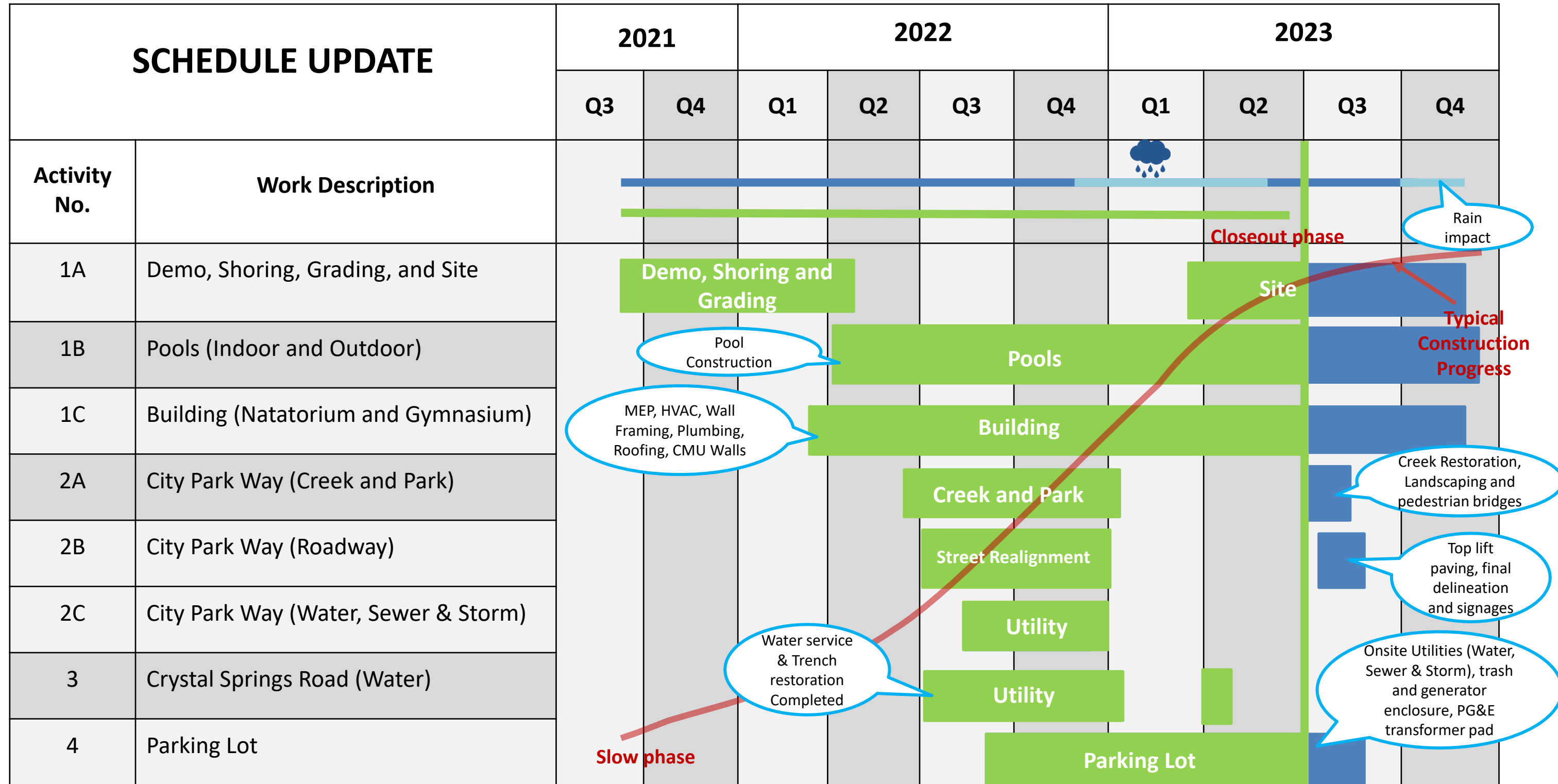


CREEK (June 15th Permit Window)

1. City parkway may be closed for creek work
2. Erosion Damage Repair (Hydrologist & Biologist)
 - Bigger rock needs to be placed
 - Rock Slope Protection needs to be reconfigured to control
3. Landscape work to begin soon



Construction Update and Look Ahead Schedule



Construction Update and Look Ahead Schedule

PUBLIC OUTREACH



- Project Website is regularly updated
- Portable Changeable Message Boards will be used for Future Road Closures
- Detour Signs will be placed as needed
- Communicate with Google Navigation system as needed
- Field Contact Numbers are available on all project signs and City Website
- Daily onsite representative is available at the trailer office
- Calls and emails are being answered and addressed
- Concrete Pour, soil off-haul and Creek Work – City Park Way Closure
- Creek Restoration Work – Pedestrian Pathway Traffic Control/Flaggers

Construction Update and Look Ahead Schedule

WHAT'S HAPPENING NEXT 30 DAYS AND BEYOND?



ONSITE WORK



INDOOR POOL SHELL CURING



COMPLETE EXTERIOR WALL SHEATHING



ROOFING WORK & INSULATION



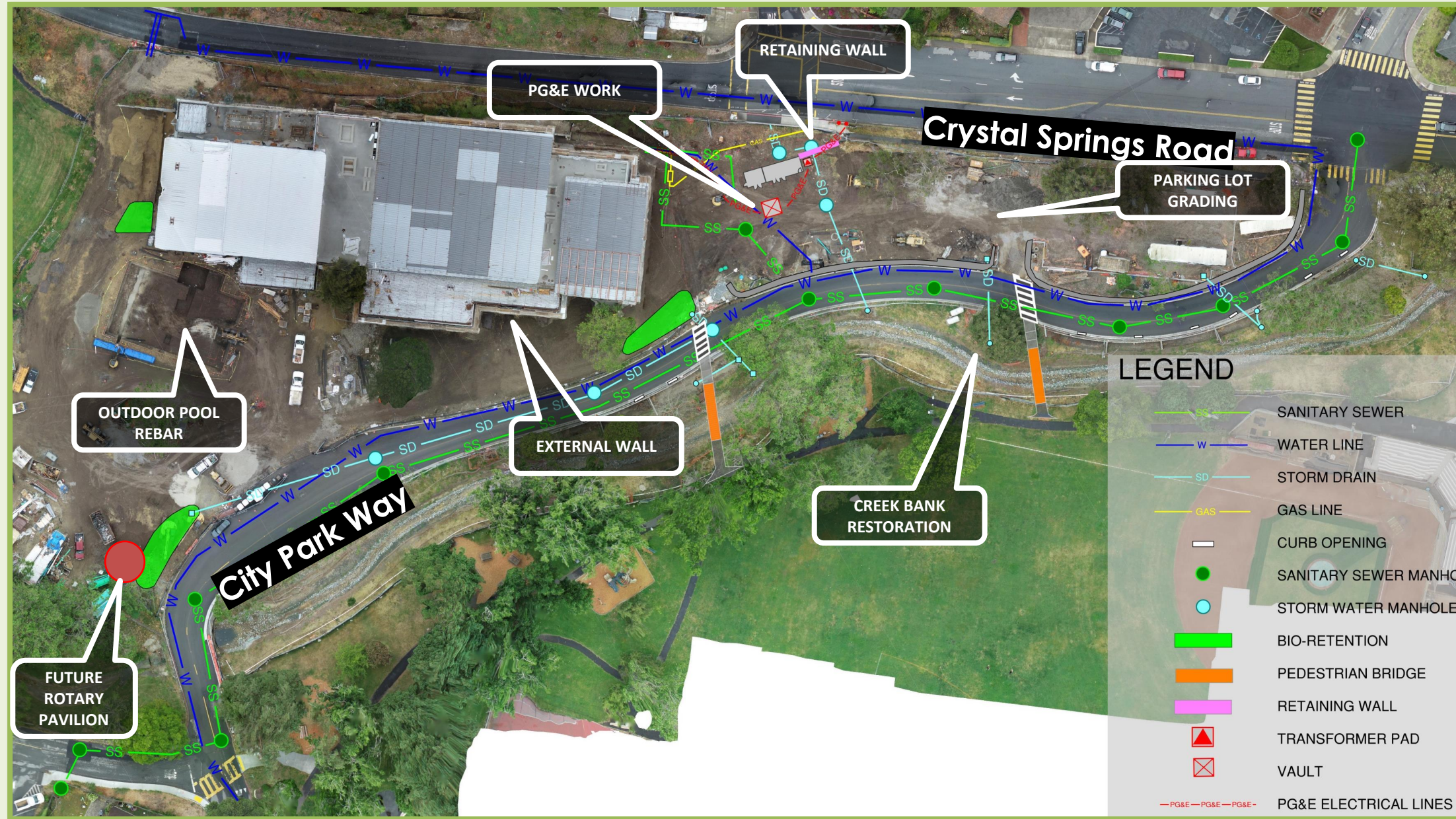
OUTDOOR POOL PLUMBING AND SHELL

- Indoor pool shell curing
- Indoor pool concrete decking
- Outdoor pool plumbing
- Continue installing CMU walls in Natatorium
- Continue with interior wall framing and MEP
- Complete exterior framing
- Continue installing exterior wall sheathing
- Elevator shaft walls
- Pour remaining mechanical roof curbs
- Ongoing exterior framing sign off (Upper levels)
- Ongoing Rough MEP inspection
- Roof insulation starting

Construction Update and Look Ahead Schedule



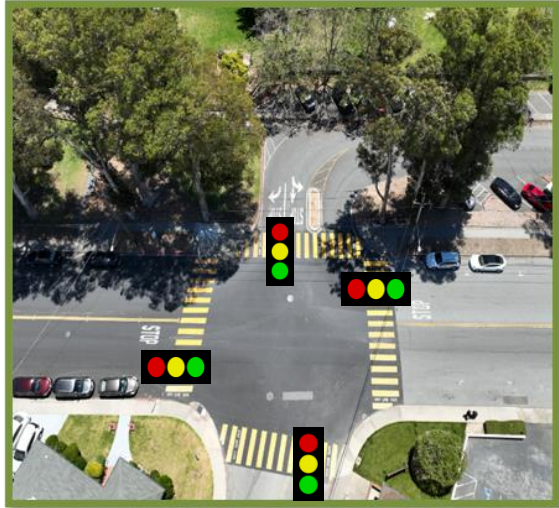
WHAT'S HAPPENING NEXT 30 DAYS AND BEYOND?



OFFSITE WORK

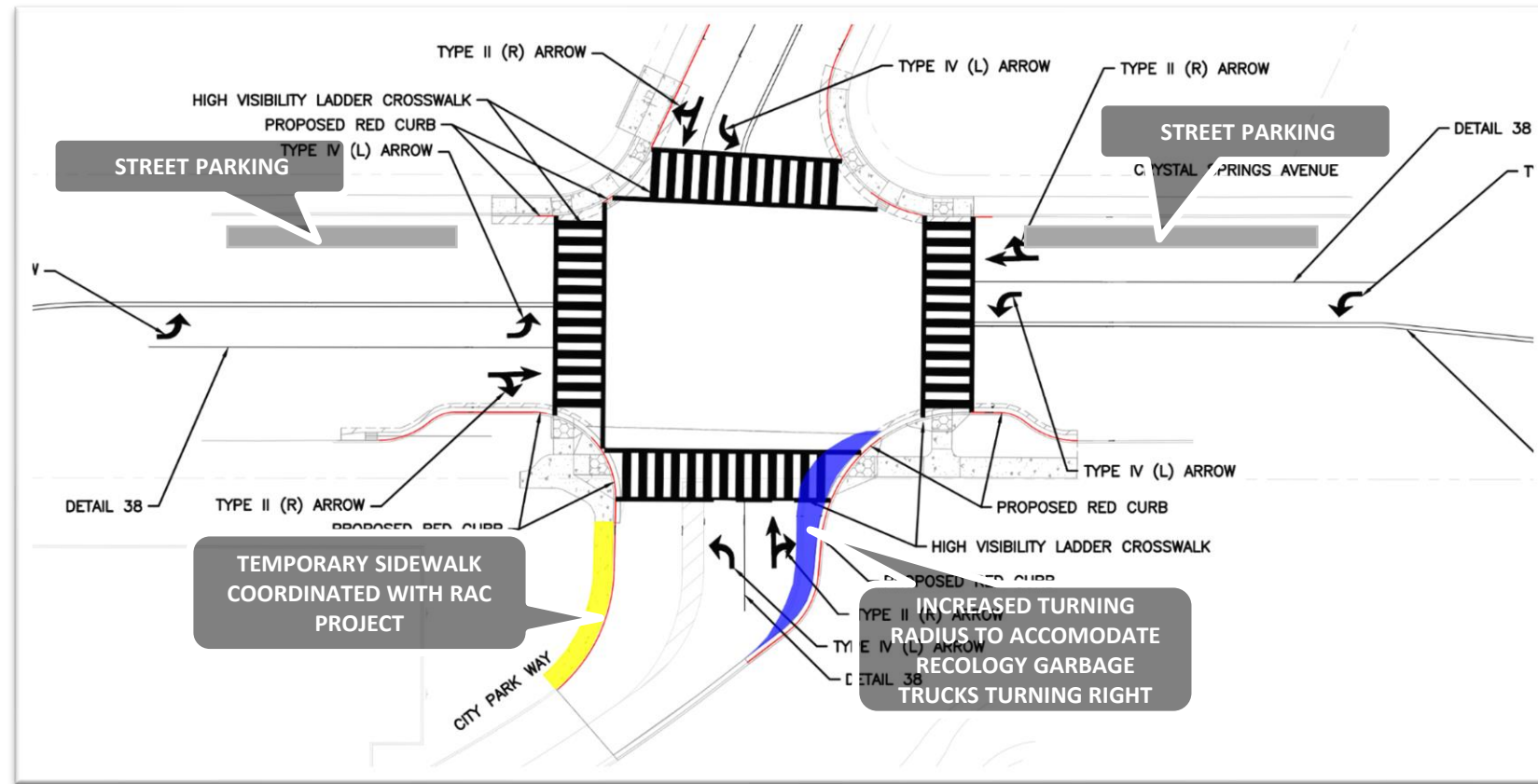
- Parking Lot - Grading and compaction work
- Trash and Generator Enclosure
- Retaining wall at the transformer pad
- PG&E Transformer Pad
- PG&E Gas Line
- Creek Bank Restoration
- Irrigation / Landscape Work
- Pedestrian Bridge
- Bio-Retentions

Crystal Spring / Oak Street / City Parkway Intersection Improvement Project Update



Traffic Signal System (TSS)

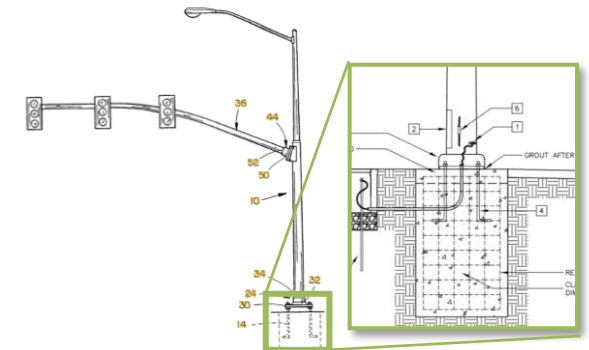
Traffic Engineer (T.E.) presented intersection traffic control alternatives to (TSPC) Traffic Safety and Parking Committee



Designer proceeded with the TSS design preparation

Advertise Project To Receive Bids

Construction NTP



FUNDING SOURCES:
Measure A & G Fund (RAC)

PROJECT BUDGET:
\$800,000.00

SIGNAL POLE AND FOUNDATION DETAIL TO SHOW DEPTH AND SIZE



Per Vehicle Code, the City Engineer or T.E. to recommend the conclusion of the intersection control study. Memorandum to be issued.

Final Design to be completed (90%)

Final Design Completed
Signal Poles Procurement
Coordination

Bidding and Award

Construction Update and Look Ahead Schedule

BECKNER SHELTER ROAD PROJECTS



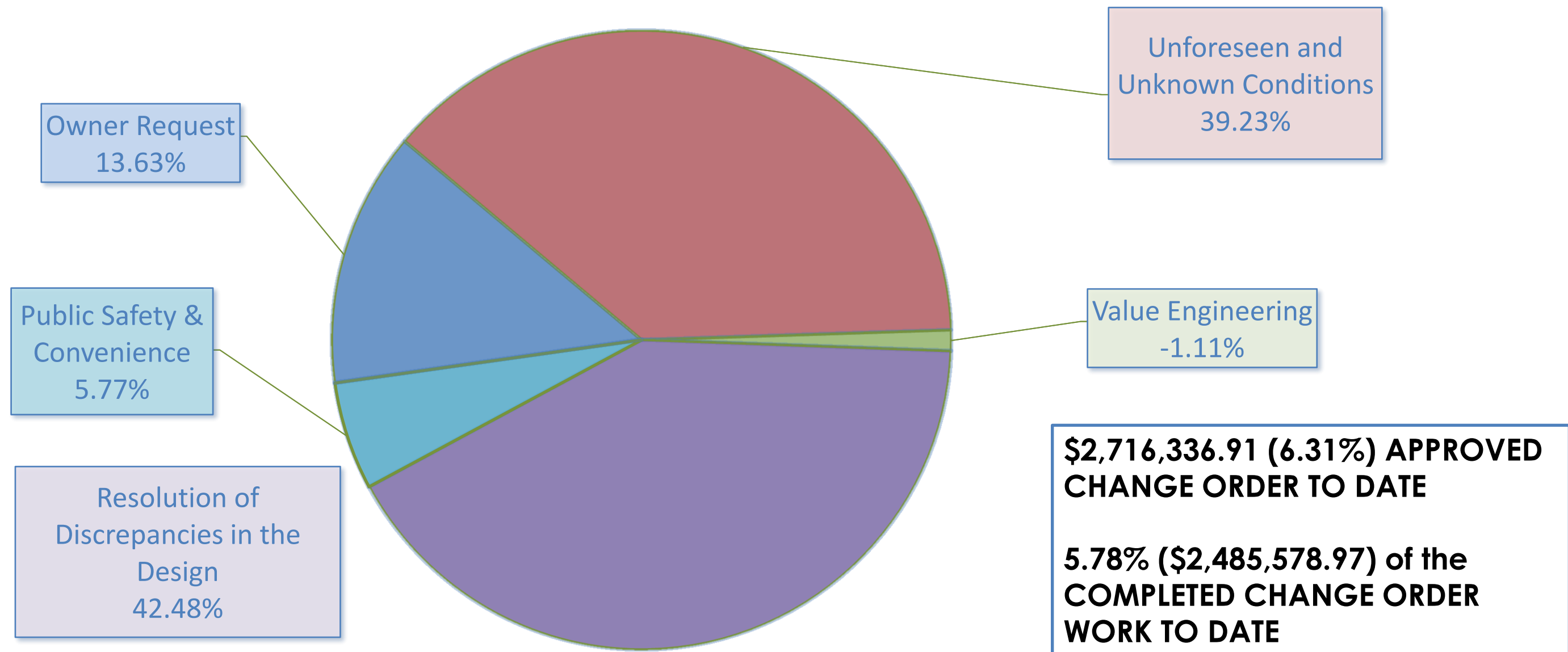
PROJECTS	Design and Management Consultant Agreements	Topographic Surveying	Design Development	Complete Design	Request Quote or Process as Change Order	Begin Construction	Complete Construction
1 Repaving and Parking Lot Striping	●						
2 ADA Bridge	●						
3 Picnic Area #14 ADA Path	●						

Ongoing

Completed



Change Order Report



Construction Update and Look Ahead Schedule

Project Budget Update



Total Project Budget:

- \$62,290,228.00

Total Expenses To Date:

- \$41,282,791.18 (66.27%)

Pre-Construction Phase Cost Total:

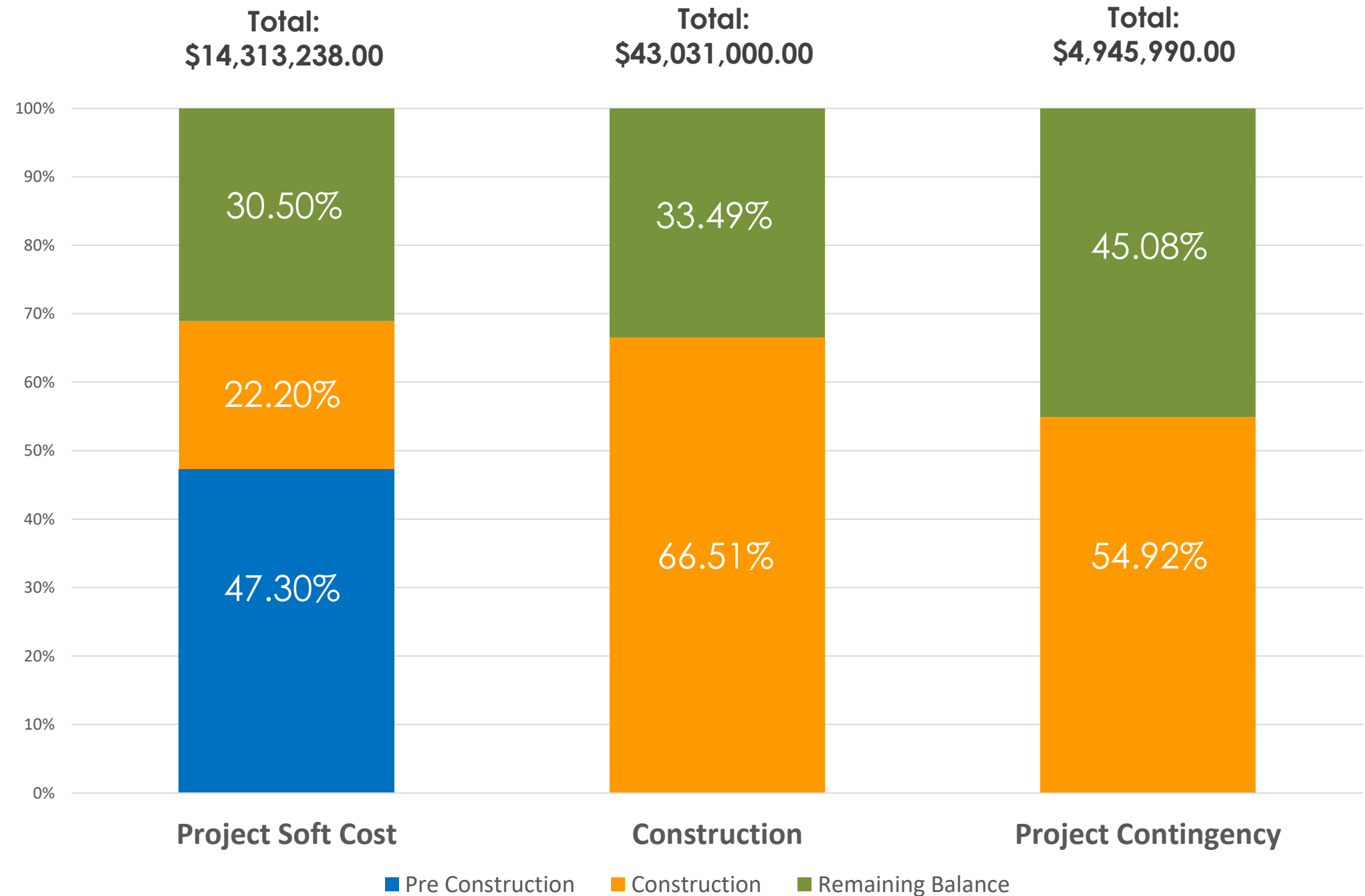
- \$6,770,384.00

Construction Phase Cost To Date:

- \$34,512,407.18

SOFT COSTS

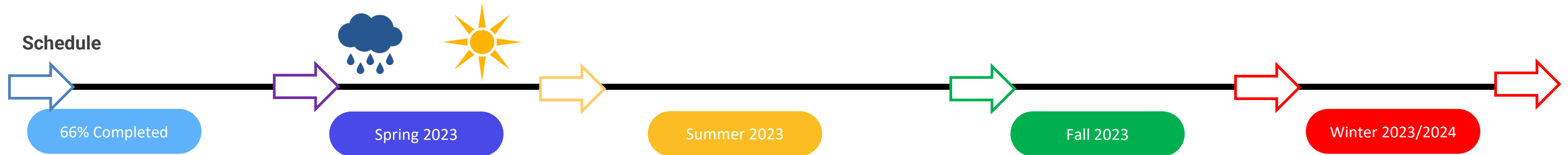
- Design (Group 4)
- Environmental
- Project Manager (Conсор)
- Construction Manager (Griffin Structures)
- Geotechnical, T&I, Waterproofing, Commissioning Services
- Lara Field Parking Lot
- Traffic Signals, Sewer, Water, Sidewalk, CityNet Fiber
- Temporary Space During Construction
- Furniture Fixtures and Equipment
- Electronic systems and special equipment
- Utility company connection and services
- Fees/ Administration/ Business Plan
- Additional Crystal Springs Tree Removal
- Beckner Shelter Projects



OVERVIEW AND OUTLOOK



Current Contingency Balance



- BUILDING STRUCTURES
- CITY PARKWAY/UTIL
- CREEK IMPROVMENTS
- PARKING LOT
- BUILDING INTERIOR
- EXTERIOR WALL FRAMES
- M.E.P /HVAC
- INDOOR POOL PLUMBING

- CRYSTAL SPRING UTILITY
- CREEK RESTORATION
- CREEK LANDSCAPING
- PEDESTRIAN BRIDGE
- PARKING LOT
- BUILDING INTERIOR FRAMES
- M.E.P /HVAC - ROUGH
- **INDOOR POOL EXCAVATION**
- PG&E POWER & GAS

- **INDOOR POOL SHELL**
- **OUTDOOR POOL**
- BUILDING EXTERIORS
- CITY PARKWAY/UTIL
- CREEK RESTORATION
- CREEK LANDSCAPING
- **PG&E GAS & ELECTRIC**
- PARKING LOT
- BUILDING INTERIOR FRAMES
- M.E.P /HVAC - EQUIPMENT INSTALLATION
- ELECTRICAL PANEL BOARDS
- ARCHITECTURAL WALL FINISHES AND ROOF

- BUILDING ROOF
- BUILDING INTERIORS
- **M.E.P/HVAC/ELEVATOR EQUIPMENT INSTALLATION/TESTING**
- **POOL PLUMBING AND MECHANICAL INSTALLATION/TESTING**
- SITE LANDSCAPING and FURNISHING
- ROTARY PAVILLION
- FURNITURE FIXTURE & EQUIPMENT (FF&E)
- PEDESTRIAN BRIDGE

- **COMPLETE COMMISSIONING**
- CITY STAFF OCCUPANCY
- CITY FACILITY STAFF TRAINING
- DEDICATION
- IF DELAYED
- CONSTRUCTION COST INCREASE
- CONSULTANT EXTENSION FEES

THANK YOU

sanbruno.ca.gov/RecCenterBuild