



SEATTLE PUBLIC SCHOOLS | ONE ROOF FOUNDATION
GENERATOR STUDIO | SWIFT COMPANY TEAM

MEMORIAL STADIUM RENOVATION

LANDMARKS PRESERVATION BOARD

APRIL 02, 2025

1. BUILDING HISTORY + EXISTING CONDITIONS

2. LANDMARK + PROJECT OBJECTIVES

3. PRELIMINARY DESIGN PROPOSAL + OBSERVATIONS

- CONTEXTUAL CHANGES
- STRUCTURAL + SYSTEM INTERVENTIONS
- SITE DESIGN + ACCESSIBILITY

BUILDING HISTORY + EXISTING CONDITIONS



CIVIC FIELD TO SCHOOL STADIUM:
Community pressure helped to select the final home of the school district's new stadium.



MEMORIAL STADIUM CONSTRUCTION
The new stadium held its first event, the Seattle High School Football Jamboree, on September 26, 1947.



MEMORIAL WALL ADDITION
The memorial was built to honor Seattle and King County students who died during WWII.



SEATTLE'S CIVIC CENTER:
The area around Memorial Stadium was selected as the site for the Century 21 Exposition and as a future civic center.



1946

The city land between Harrison and Republican streets holding Civic Field and the Civic Ice Arena was transferred to the Seattle School District as the site for their future athletic stadium.

1947

Designed by Seattle architect George W. Stoddard and built by the Puget Sound Bridge and Dredging Company. The stadium was designed to be built in stages, with a final horse-shoe shaped stand to the west that was never built. The Memorial Wall, was an addition built several years after the completion of the stadium.

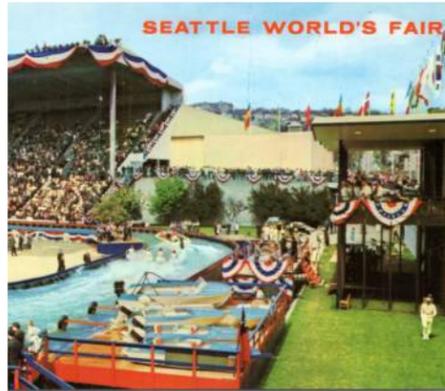
1951



MARIANNE HANSON: Designed the war memorial while a senior at Garfield High school. Marianne went on to have several successful careers including graphic design, illustration, sculpture, theater costume design, and editorial and fiction writing.

1956

Several of the parcels surrounding the Memorial Stadium had already been acquired by the city such as McCaw Hall, then a Civic Auditorium, the National Guard Armory, and Mercer Playground (the future International fountain). The rest of the parcels were assembled through condemnation of "blighted" properties. What had been separate parcels connected by a street grid would start to become the civic center we know today, with its series of community spaces bound together by a network of green pedestrian promenades.



THE WORLD'S FAIR :
The event was the catalyst for creating the park-like city center we know today.



MEMORIAL NO MORE?
Disney's Imagineering made an offer to buy Seattle Center.



LANDMARK DESIGNATION:
In October 4, 2023, the Memorial Wall was added to the city's list of Landmark sites.



A LASTING MEMORIAL:
The reconstruction of Memorial Stadium brings an opportunity for a re-connection to the Memorial Wall.



1962

The Memorial Stadium held the opening and closing ceremonies during the fair. The stadium field was transformed into an aquadrome which held water-skiing shows throughout the fair.

1988

In 1989, local veteran and activist Guy Gallipeau led a demonstration to City Hall to oppose the demolition of the War Memorial Wall. The city and school board turned down the offer which would have led to the demolishing of the Seattle Center and Memorial Stadium.

2023

The features of the memorial to be preserved included the memorial wall with associated steps, fountains, all structural walls and foundations that support the wall in situ, and the site area on which the memorial resides, including 20' of space on all sides of the wall.

PRESENT

With the reconstruction of the stadium at its back, there is an opportunity to undertake needed updates to the appearance of the memorial, re-imagine the relationship between the wall and the community through better access, and increase opportunities to gather and reflect on the service and sacrifice made by those serving in WWII.



Marianne Hanson - 1952, Seattle
Courtesy of Simons Family

Marianne Hanson (1932-2015) was born and raised in Seattle to Swedish immigrant parents. She was a high school senior, at Garfield High School, when she entered the design competition for the Memorial Wall. Hers was one of five finalists selected for review from 61 entries.

An interesting aspect of Hanson's design is its similarity to the primary facade of the Seattle Art Museum in Volunteer Park, designed by architect Carl F. Gould and built in 1932. The museum and the memorial wall designs share a tall, stepped wall with fluted end wall sections that partially surround fountain basins. Both designs, while based on classical forms, embody characteristics of the Art Deco and Modern styles. No specific references to the museum have been discovered, but as an art student it is likely that Hanson had seen the building from repeated visits.

After her graduation in 1950, she attended the Burnley Art School on a national art scholarship. It was during this time that she met her husband, Milton Simons (1923-1973) and Hanson left school in order to support her family. In 1953, they had their first child, Serge Simons. She later attended the University of Washington, where she graduated with a bachelor's degree, magnum cum laude, from the School of Art.

Hanson had multiple careers in graphic design, illustration, sculpture, theater costume design, and as an editorial and fiction writer. She also opened art galleries in several states. One of these was the Milann Gallery in Seattle, which Marianne founded with her husband, Milt Simons, in August 1959. Milt Simons was one of only a

few Black artists showing work, playing music and directing his own gallery during that era. The 800 square foot Milann Gallery operated as a co-op, and the space also served as an art studio as well a venue for music, including performances for their jazz ensemble, The Puget Sounds, with which Hanson played piano. The gallery, which closed in 1961, occupied a former bakery space on 34th Avenue in Madrona neighborhood, one of the city's first racially integrated neighborhoods. Later, in 1968, the same space became the Black Panther Party's local headquarters. In late 1970s the Simons opened another gallery, the Origin Arts Originals, at 321 E Pine Street, which showed Milt Simons work until 1973. He died in November of that year.

From 2008-2014, Marianne Hanson wrote as an independent historian for the editorial website Blackpast.org, a site dedicated to providing comprehensive, reliable, and accurate information concerning the history of African Americans in the US and around the globe.

Hanson unveiled the Memorial Wall at its dedication on May 29th, 1951.



Memorial Wall Sketch by Marianne Hanson
Courtesy of SPS

Sources: LPB 351/23 Memorial Wall Report on Designation, <https://blackartslegacies.crosscut.com/articles/milt-simons>, <https://www.historylink.org/file/20854>, <https://archive.seattletimes.com/archive/?date=19990726&slug=2973820>



The City of Seattle
Landmarks Preservation Board
 Mailing Address: PO Box 94649, Seattle WA 98124-4649
 Street Address: 600 4th Avenue, 4th Floor

LPB 351/23

REPORT ON DESIGNATION

Name and Address of Property: **Memorial Wall (on Memorial Stadium property)**
401 5th Avenue N

Legal Description: *Specific parcel where designated Memorial Wall features and site reside:*

Parcel B: (198820-0775)
 Lots 1 through 12, Block 55, D. T. Denny's Home Addition, according to the plat thereof recorded in Volume 3 of Plats, page 115, records of King County, Washington; Together with the vacated alley within said block and vacated streets adjacent; Less that portion of vacated road as described in deed to the City of Seattle recorded under Recording No. 20000718000203.

At the public meeting held on October 4, 2023 the City of Seattle's Landmarks Preservation Board voted to approve designation of the Memorial Wall at 401 5th Avenue N as a Seattle Landmark based upon satisfaction of the following standard for designation of SMC 25.12.350:

- A. *It is the location of, or is associated in a significant way with, an historic event with a significant effect upon the community, City, state, or nation.*
- C. *It is associated in a significant way with a significant aspect of the cultural, political, or economic heritage of the community, City, state or nation.*
- D. *It embodies the distinctive visible characteristics of an architectural style, or period, or of a method of construction.*
- E. *It is an outstanding work of a designer or builder.*

Administered by The Historic Preservation Program
 The Seattle Department of Neighborhoods
 "Printed on Recycled Paper"



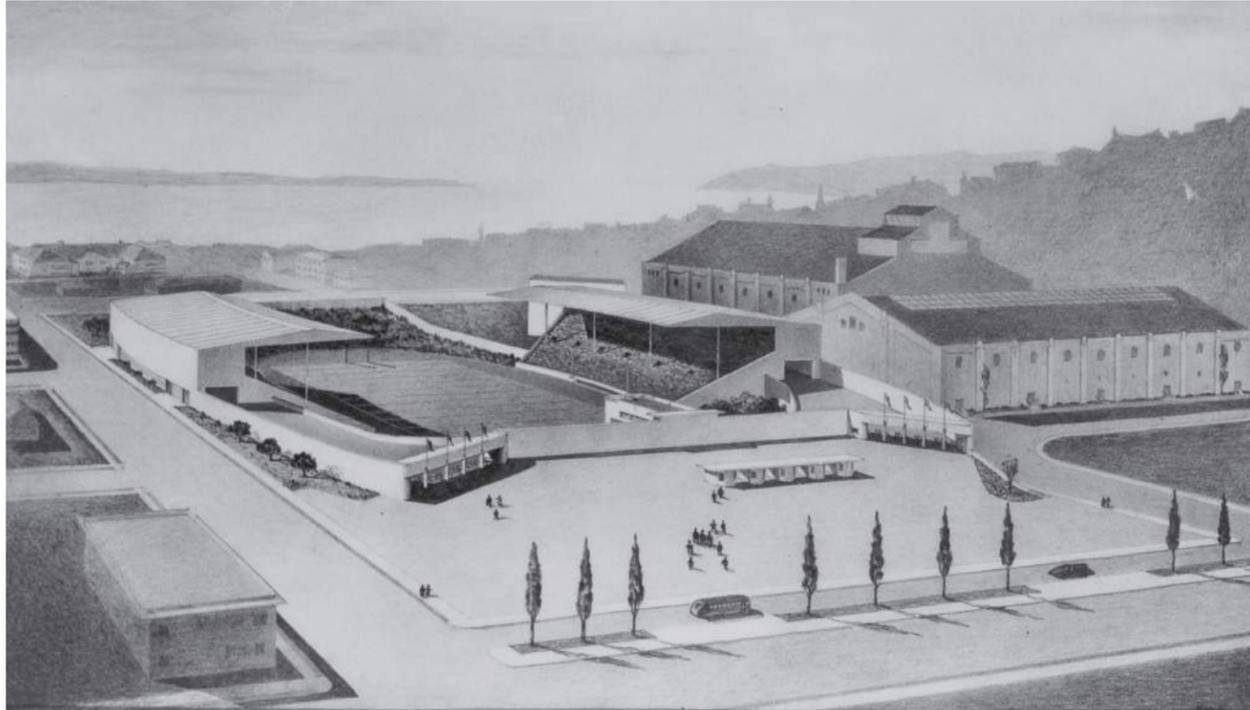
Drawing not to scale. Showing relative scale of 20' offset from memorial landmark features (dashed red line), based on confirmation of the following assumptions:

- 1) That dash-dot line vicinity of green line is center line of vacated right-of-way.
- 2) That dash-dot line vicinity of green line is division between Parcels A & B.
- 3) That 4th Ave N right-of-way is 66' wide, therefore half is 33'.

Memorial Landmark Features Site Plan with 20 Foot Offset
 Part of the Report on Designation Documentation Package



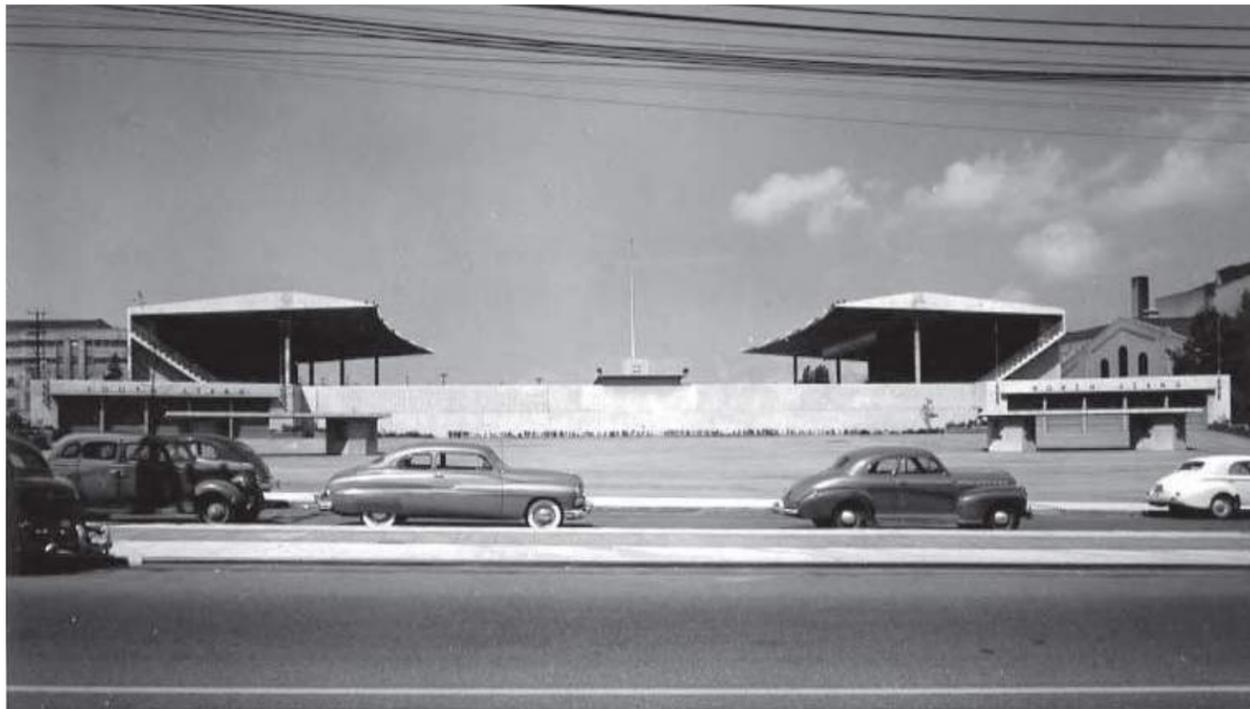
Memorial Wall with Original Planting, 1950s
Courtesy of Paul Dorpat, Seattle Times



Architectural Drawing of Proposed Stadium by Architect George W. Stoddard, ca 1946
Courtesy of SPS Archives



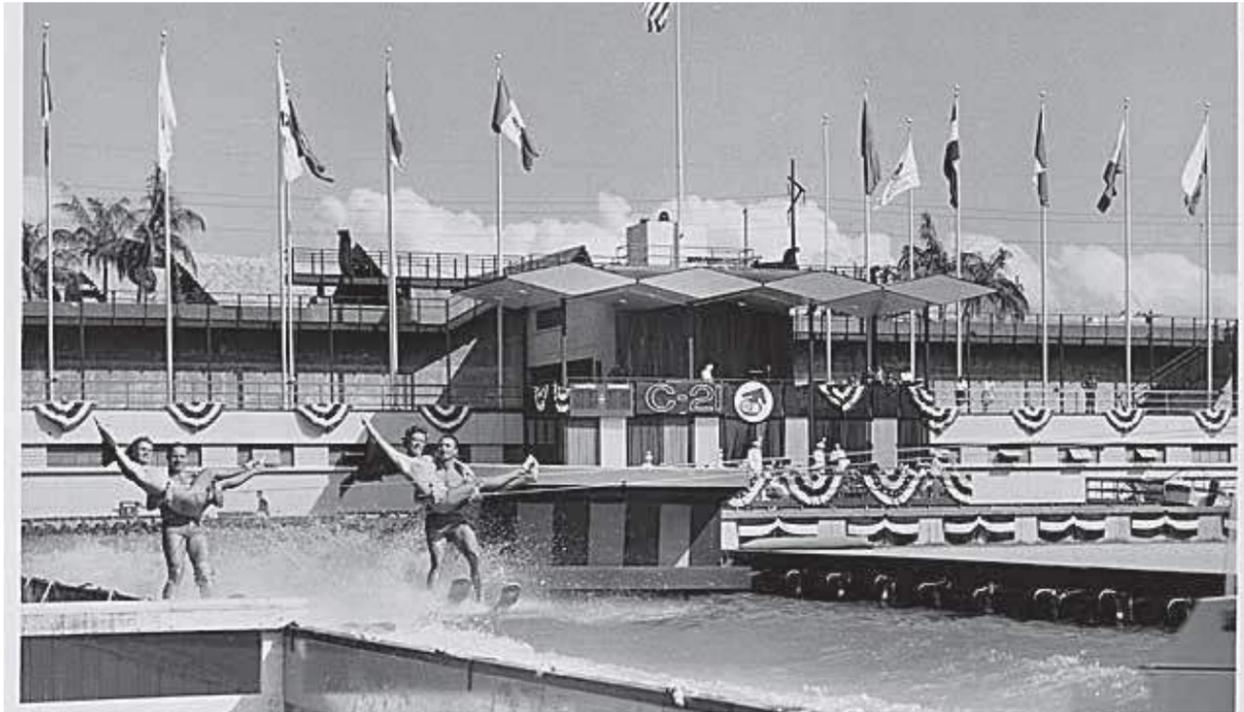
East Entry Plaza and Ticket Kiosks, ca 1950
Courtesy of SPS Archives



Dearborn-Massar Photograph of the Eastern Facade of Memorial Stadium, ca 1948
Courtesy of UW Special Collections



View of the Memorial Wall and Stadium Looking NW, 1957
Courtesy of Seattle Public Library



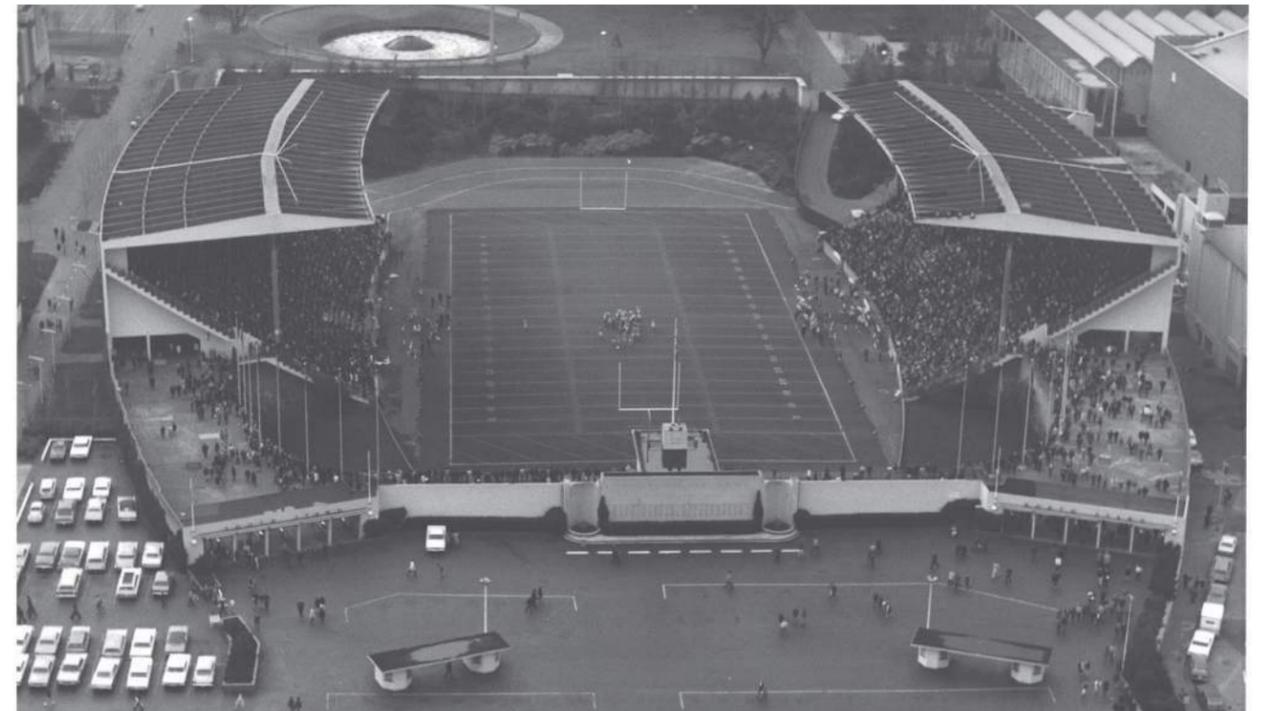
Memorial Stadium Water Ski Show Looking East at Seattle World's Fair, 1962
Courtesy of MOHAI archives



Paul Dorpat Photograph of Ceremony at the Memorial Wall, ca 1960s
Courtesy of Seattle Times

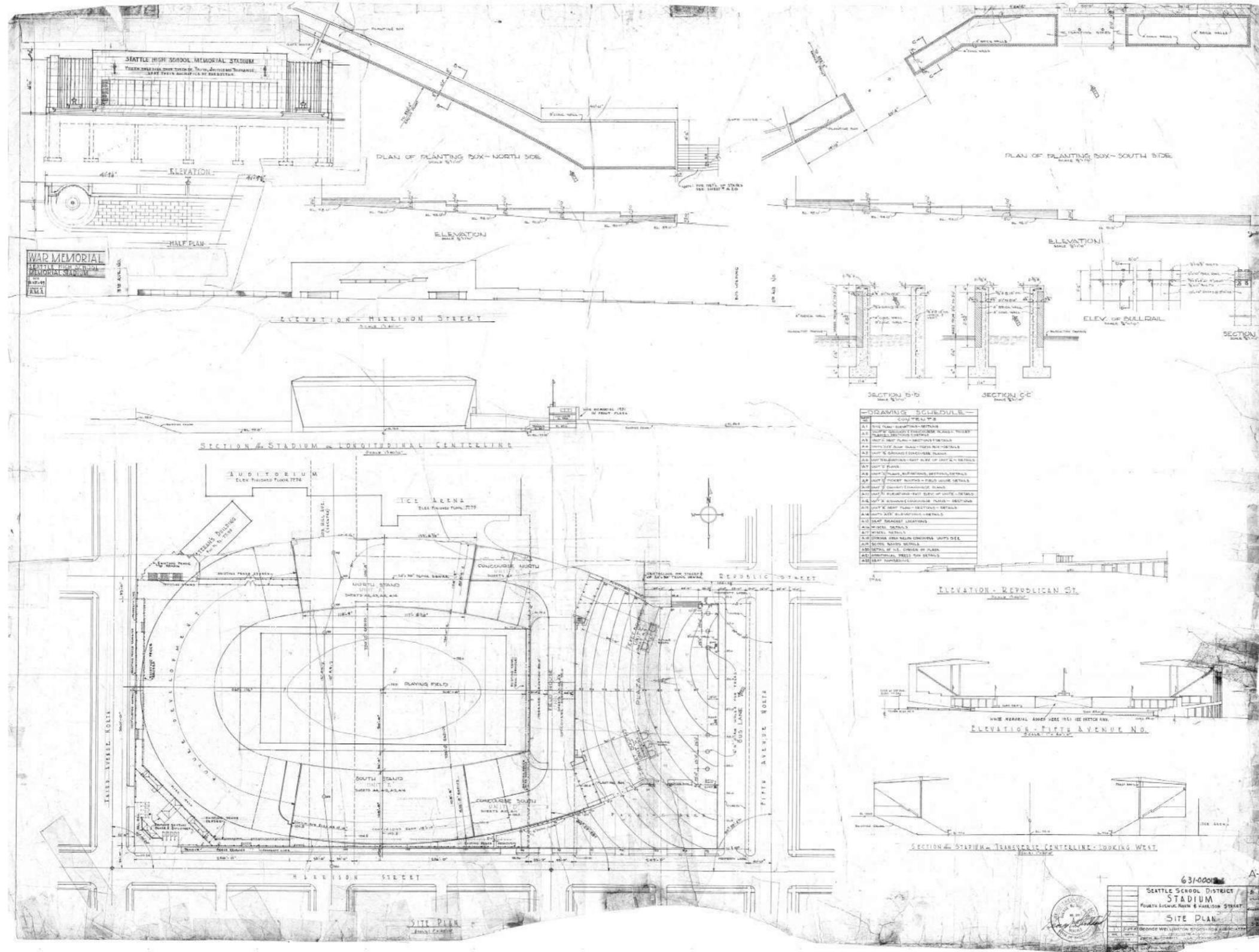


Memorial Wall Behind the Hawaii Pavilion and Gardens at Seattle World's Fair, 1962
Image Posted on Tiki Central Website



Aerial view of Stadium Looking West, ca 1967
Courtesy of SPS Archives (Photo documentation post 1960s not available from SPS.)

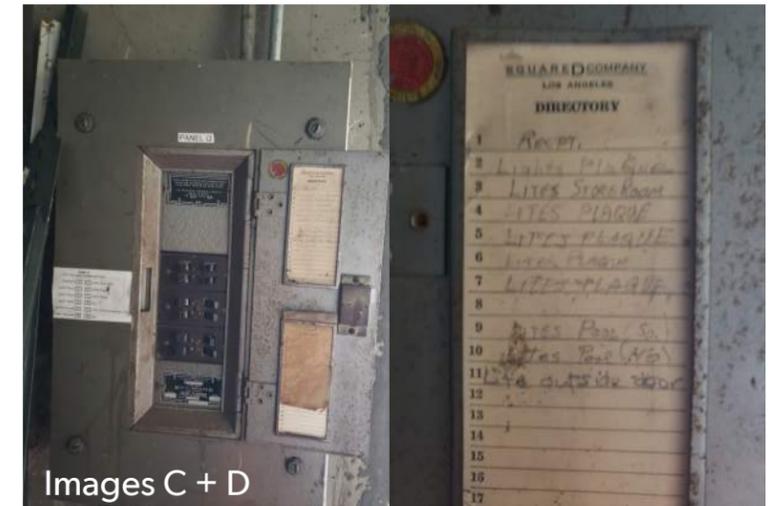
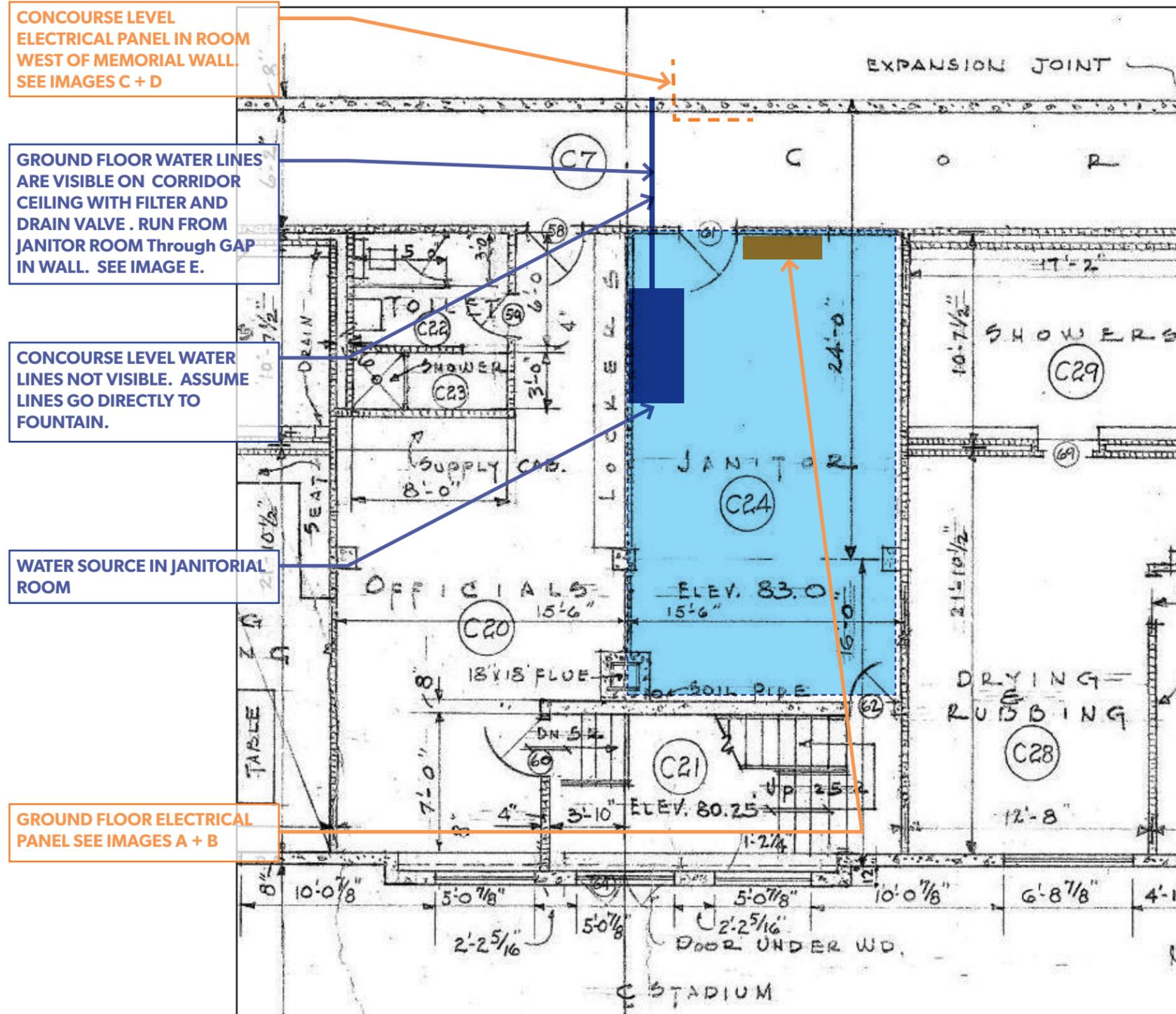
BUILDING HISTORY + EXISTING CONDITIONS | Original Drawings (5/29/1947) - Overall Plans



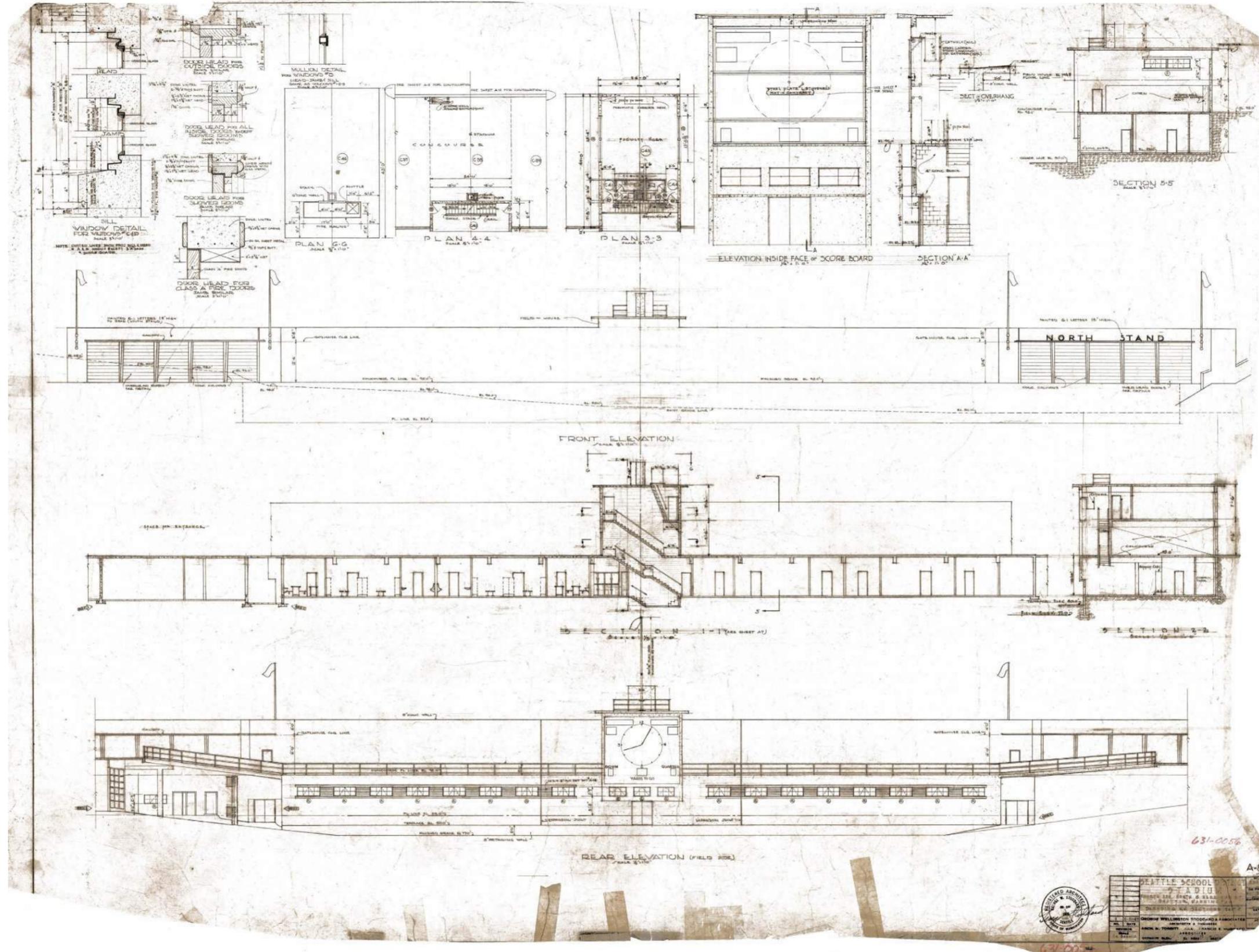
BUILDING HISTORY + EXISTING CONDITIONS | Original Drawings (2/21/1947) - Mechanical Room

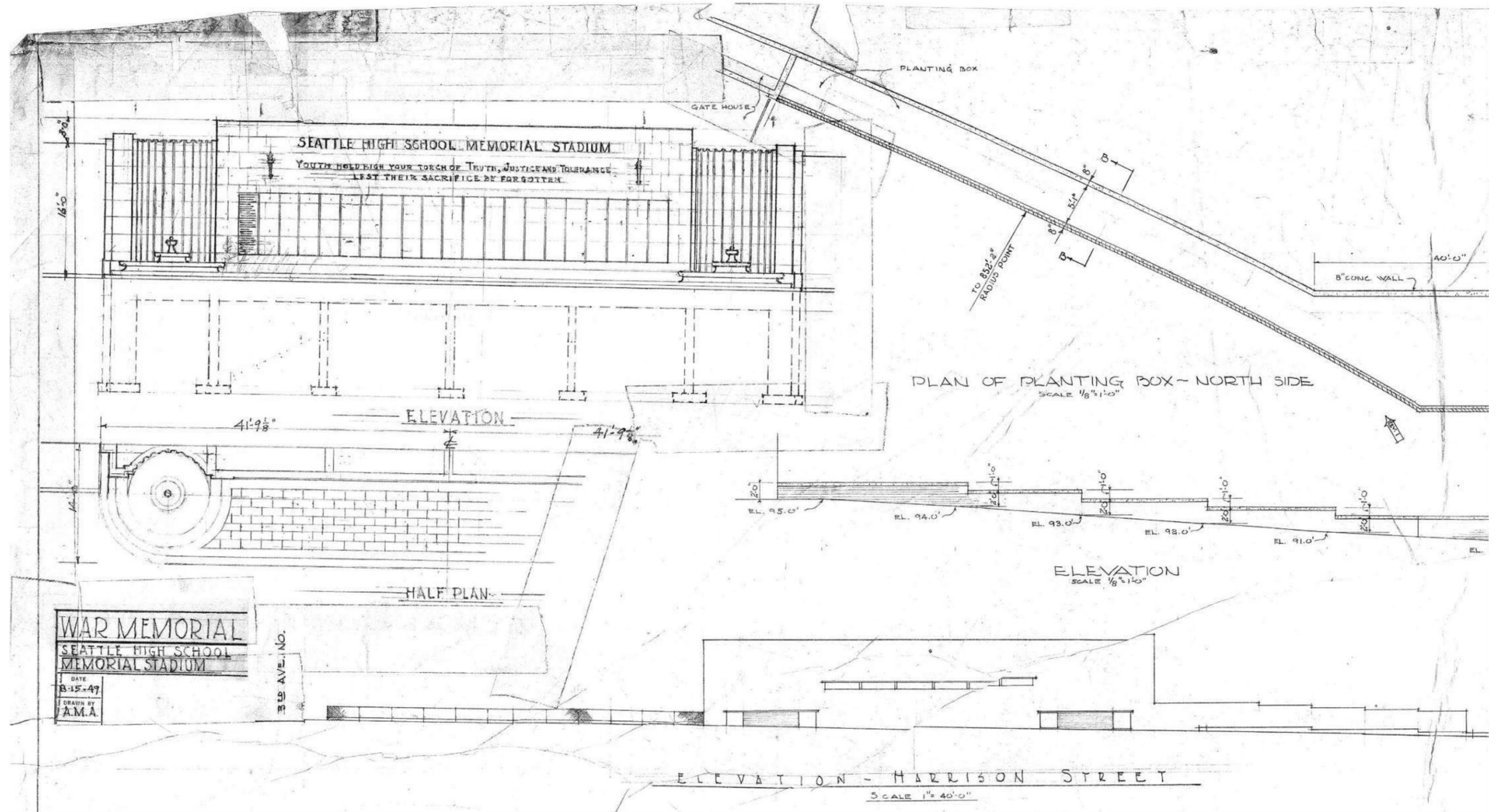
GENERAL NOTES:

NOTES REFLECT PRELIMINARY ON-SITE
FOUNTAIN SYSTEM OBSERVATIONS

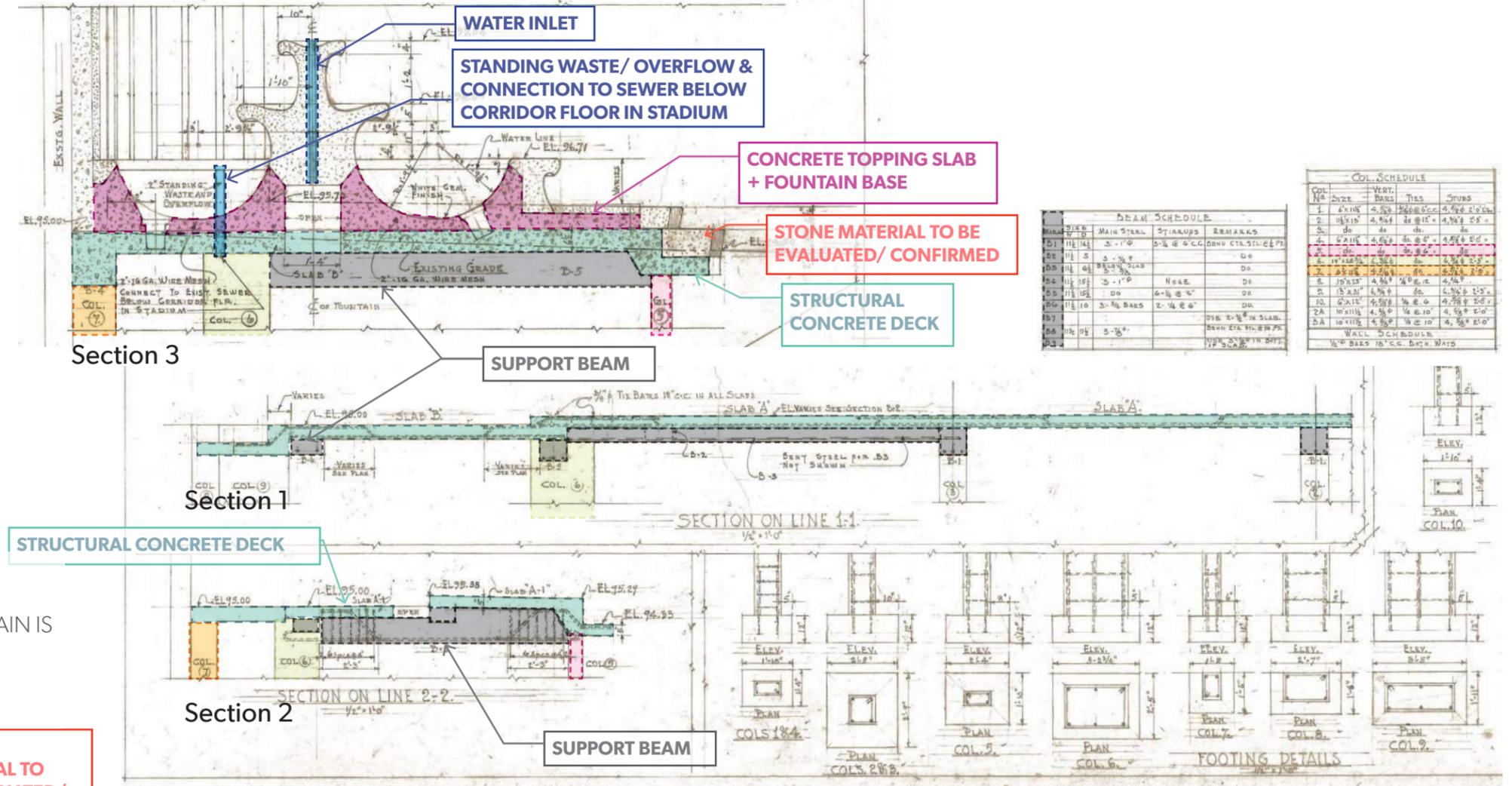
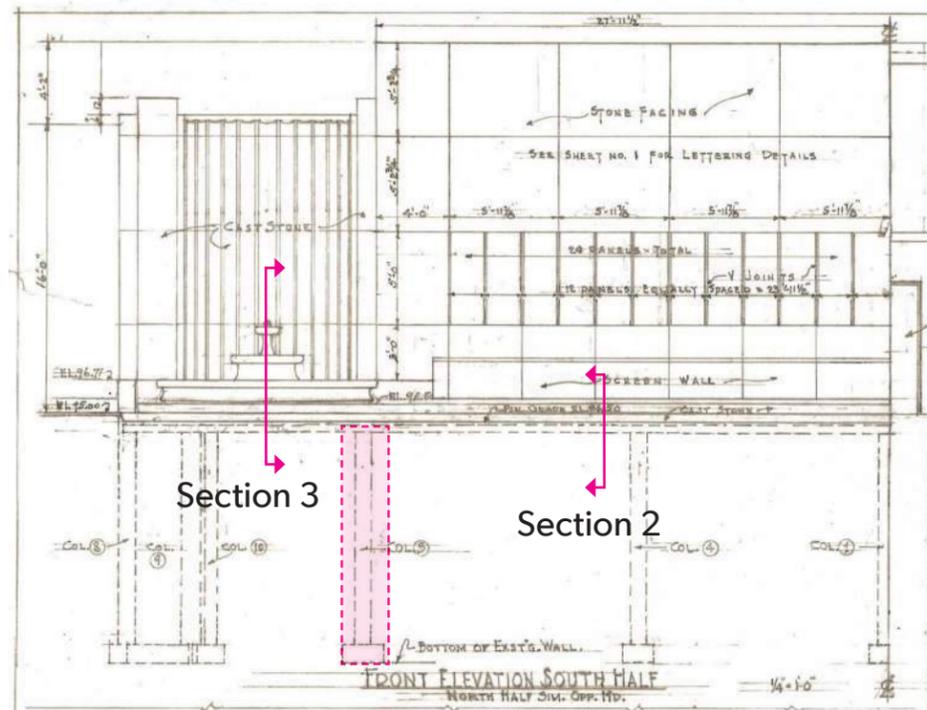


BUILDING HISTORY + EXISTING CONDITIONS | Original Drawings (2/21/1947) - East Stadium Elevations



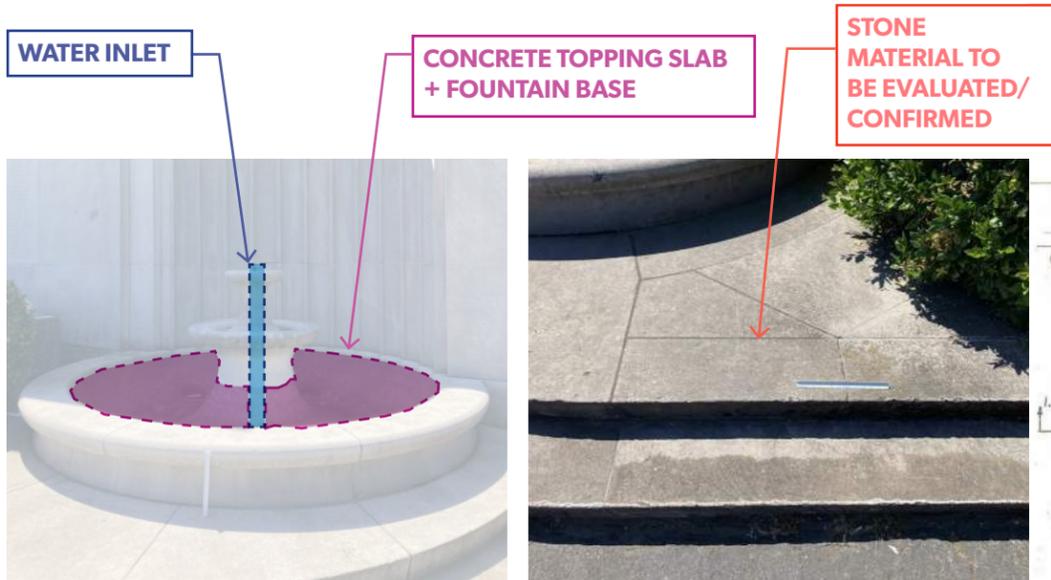


BUILDING HISTORY + EXISTING CONDITIONS | Original Drawings (12/21/1949) - Memorial Wall + Fountain Structural Details

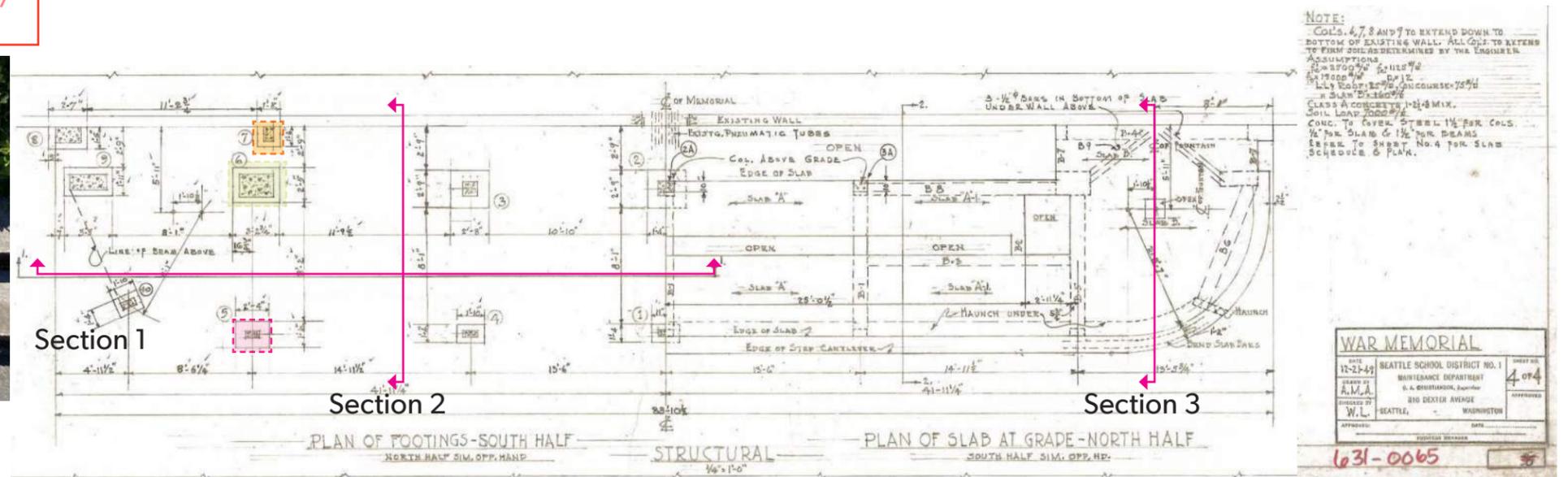


GENERAL SYSTEM NOTES:

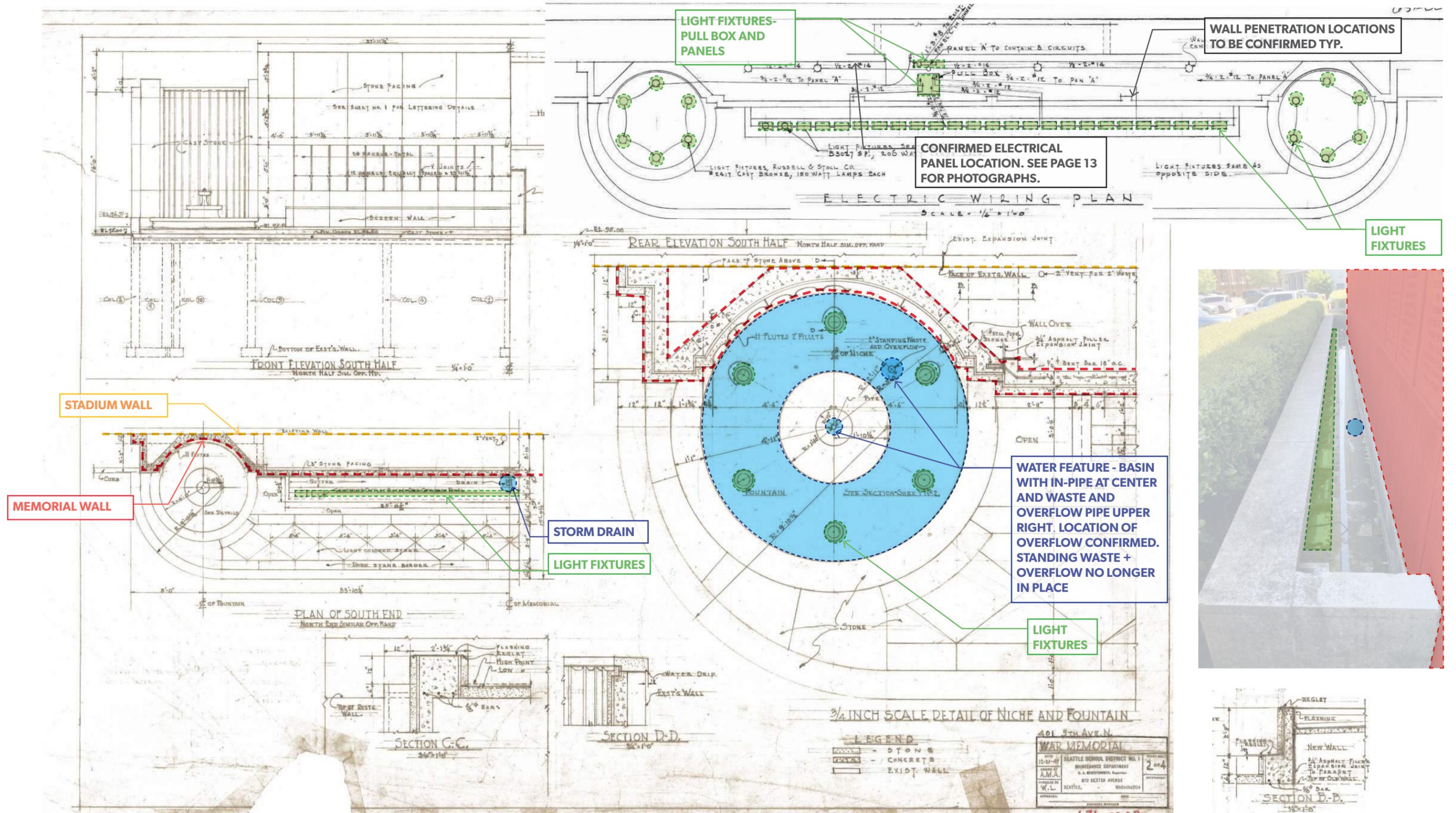
1. CURRENT FUNCTIONALITY OF WATER FEATURE SOURCE PIPE AND DRAIN IS UNKNOWN.
2. CURRENT FUNCTIONALITY OF FEATURE LIGHTING AND ELECTRICAL WIRING IS UNKNOWN.



Fountain Basin and Steps - Symetrical Surface and Structure



BUILDING HISTORY + EXISTING CONDITIONS | Original Drawings (12/21/1949) - Memorial Wall Lighting and Water



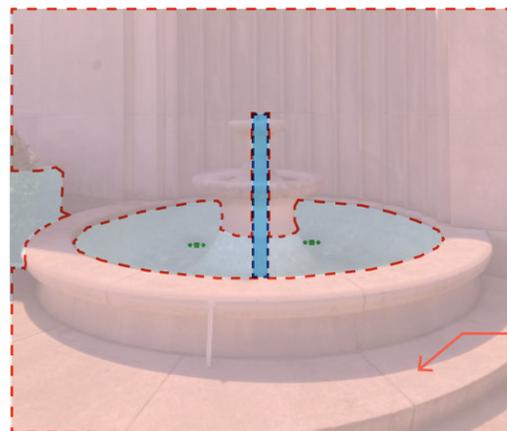
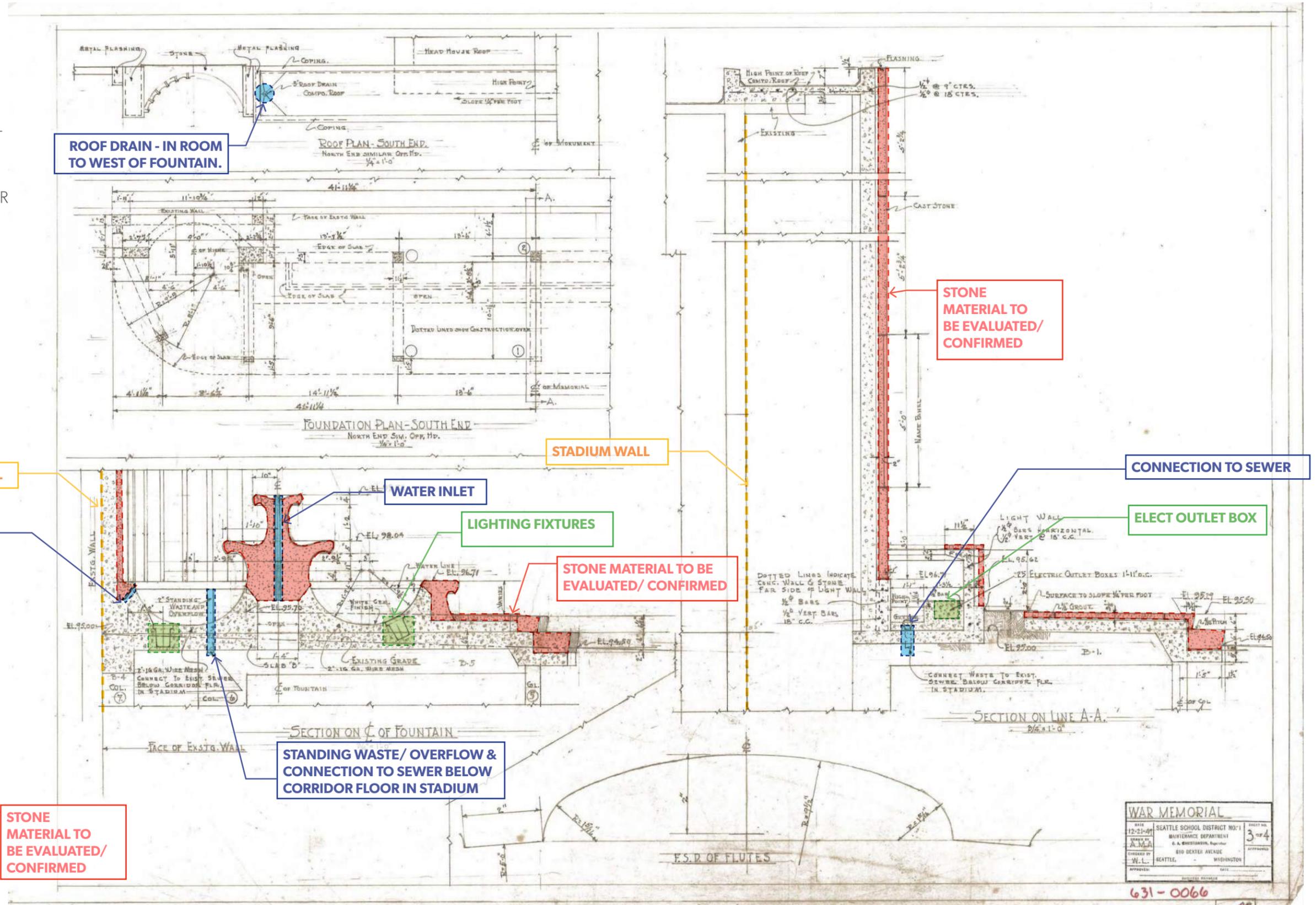
BUILDING HISTORY + EXISTING CONDITIONS | Original Drawings (12/21/1949) - Memorial Wall And Water Feature

GENERAL NOTES:

1. FOR PHOTOGRAPHS OF CURRENT DECORATIVE FOUNTAIN CONDITIONS SEE PAGES 22-24

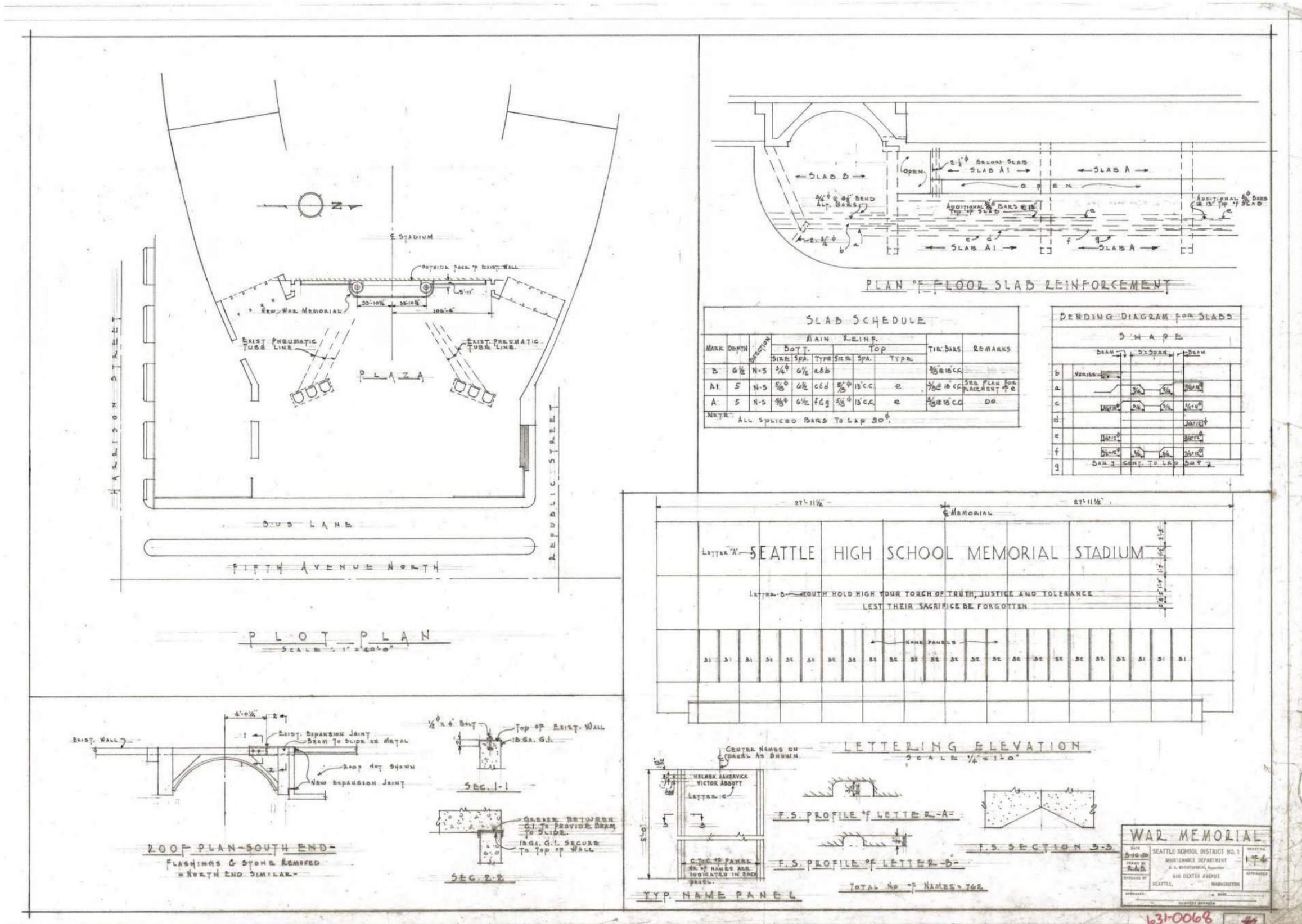
2. FOR PHOTOGRAPHS OF CURRENT LIGHT FIXTURES SEE PAGE 28.

3. FOR PHOTOGRAPHS OF CURRENT WATER INLETS AND OVERFLOW SEE PAGE 29.



Fountain Basin and Steps

STONE MATERIAL TO BE EVALUATED/ CONFIRMED





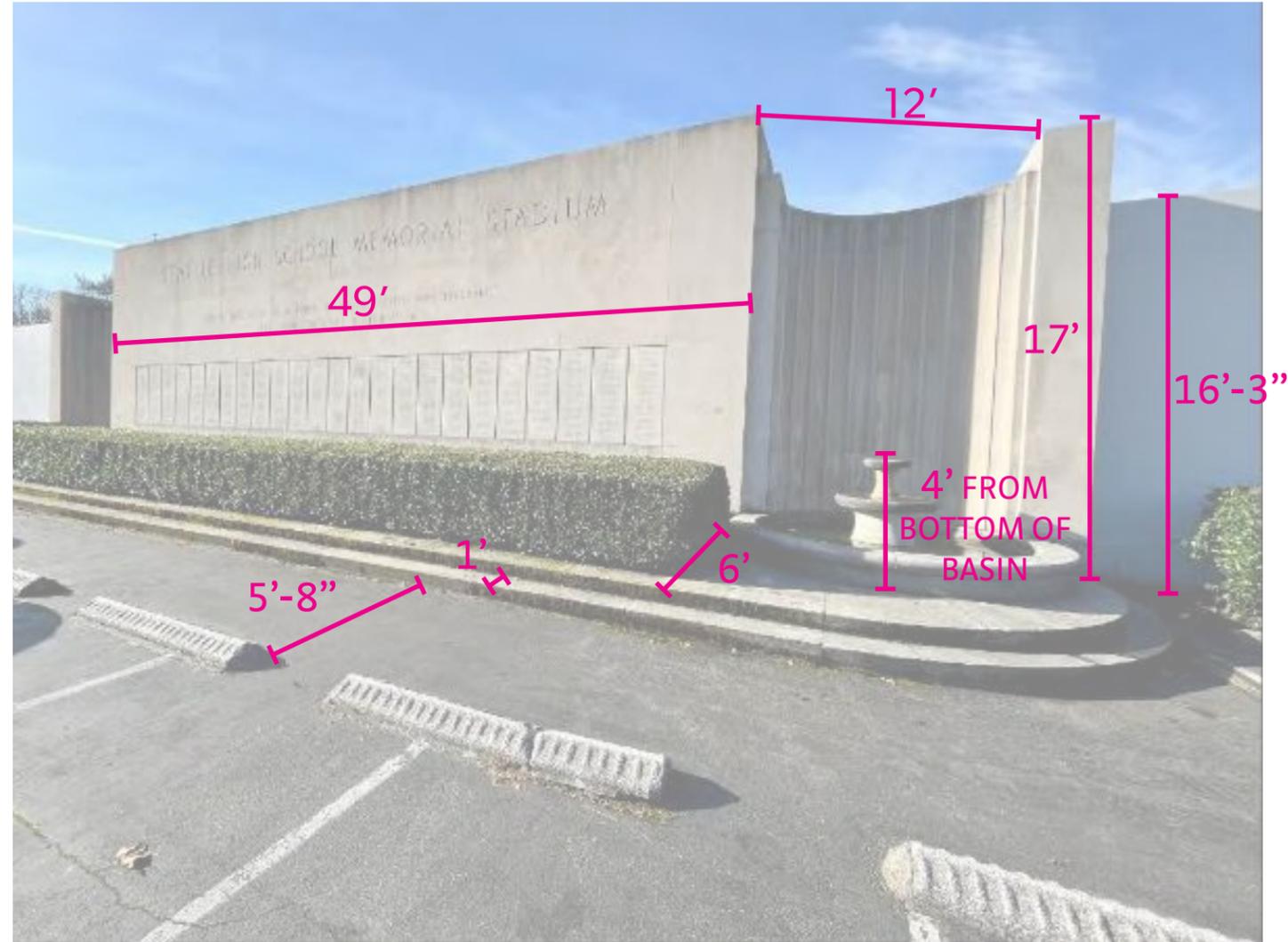
Eastern Stadium Facade Looking North



Memorial Wall View From Parking Lot



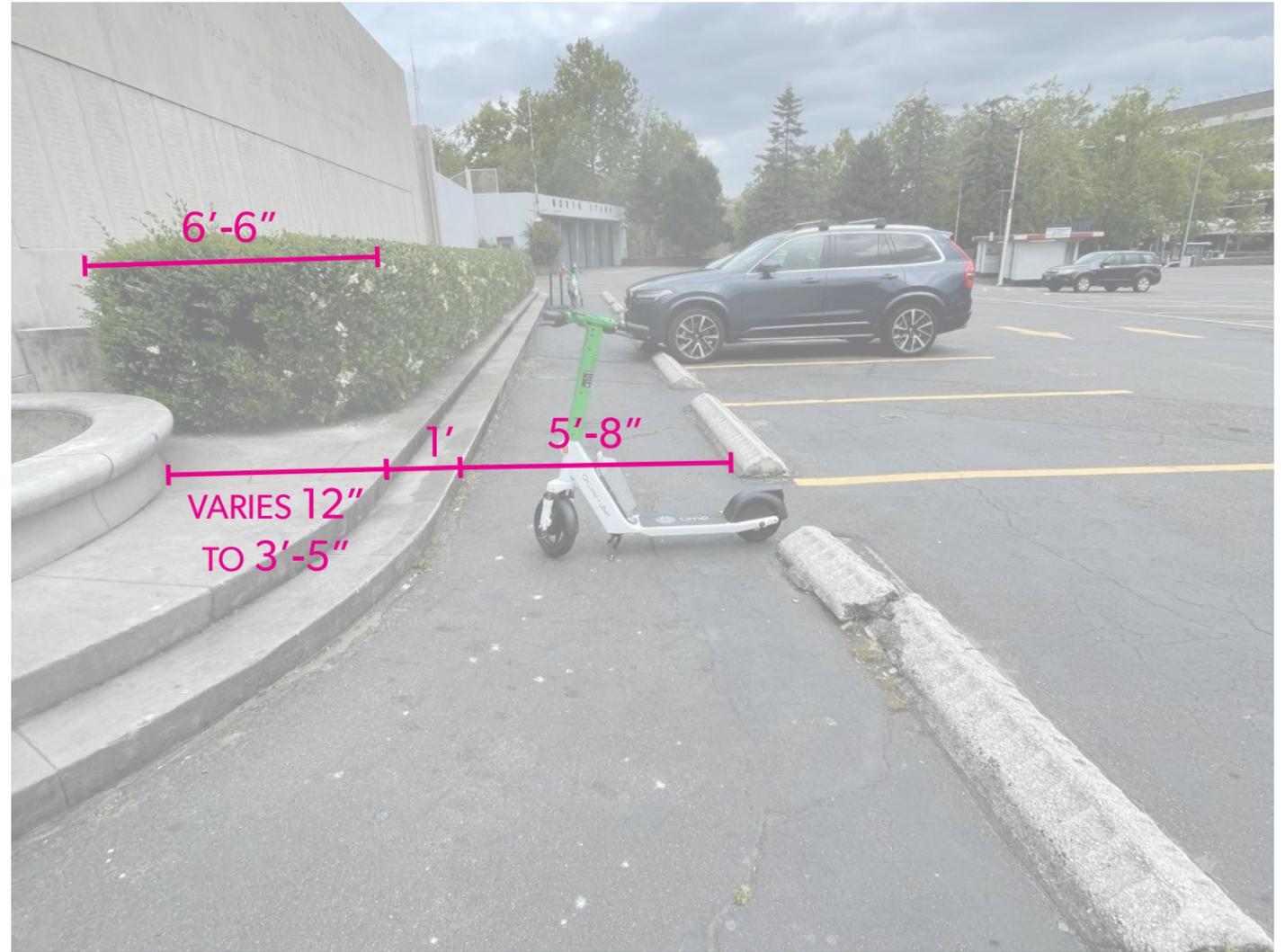
Memorial Wall Looking Southwest



Spatial Analysis



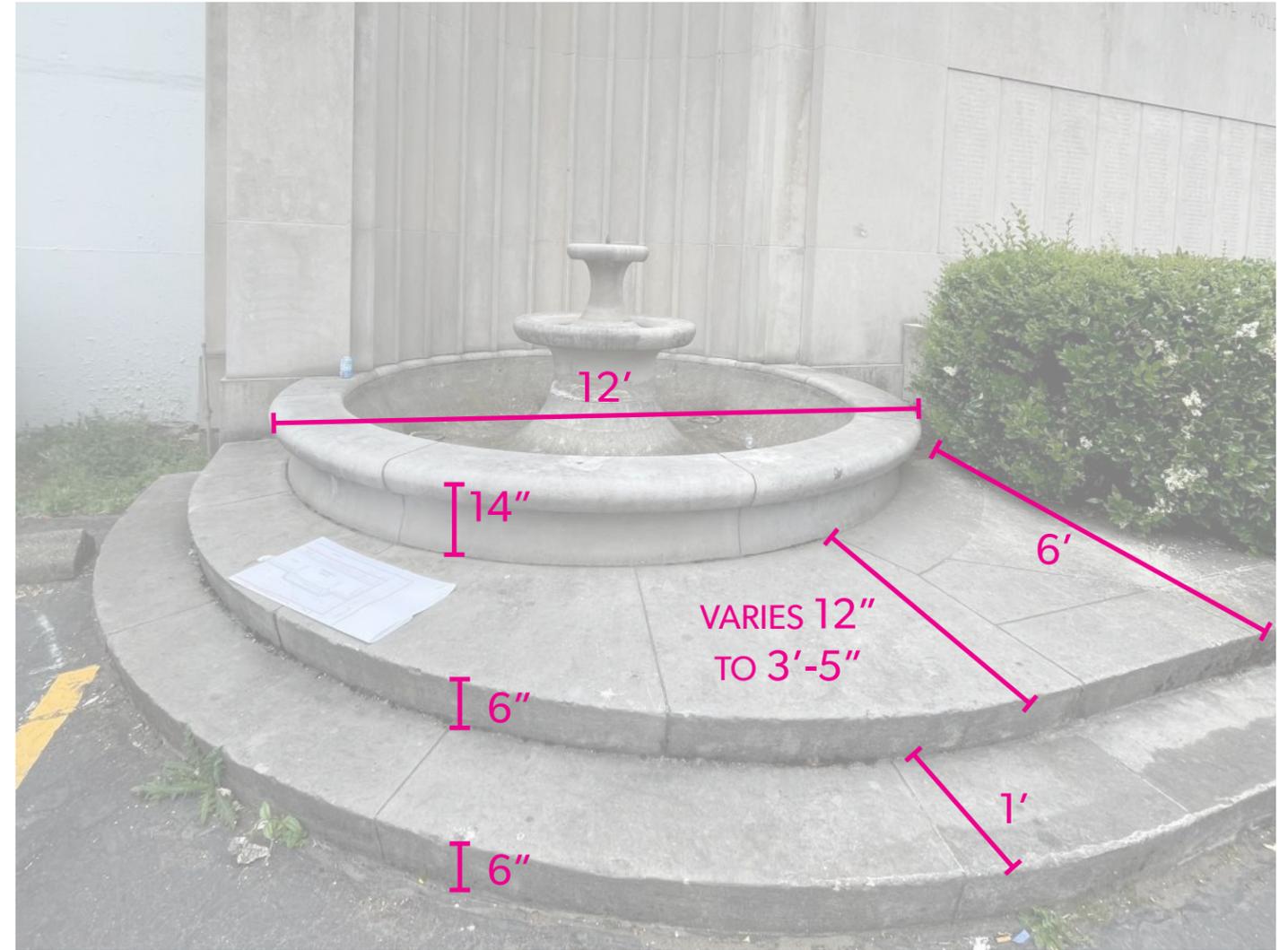
Looking North From Memorial Wall



Spatial Analysis



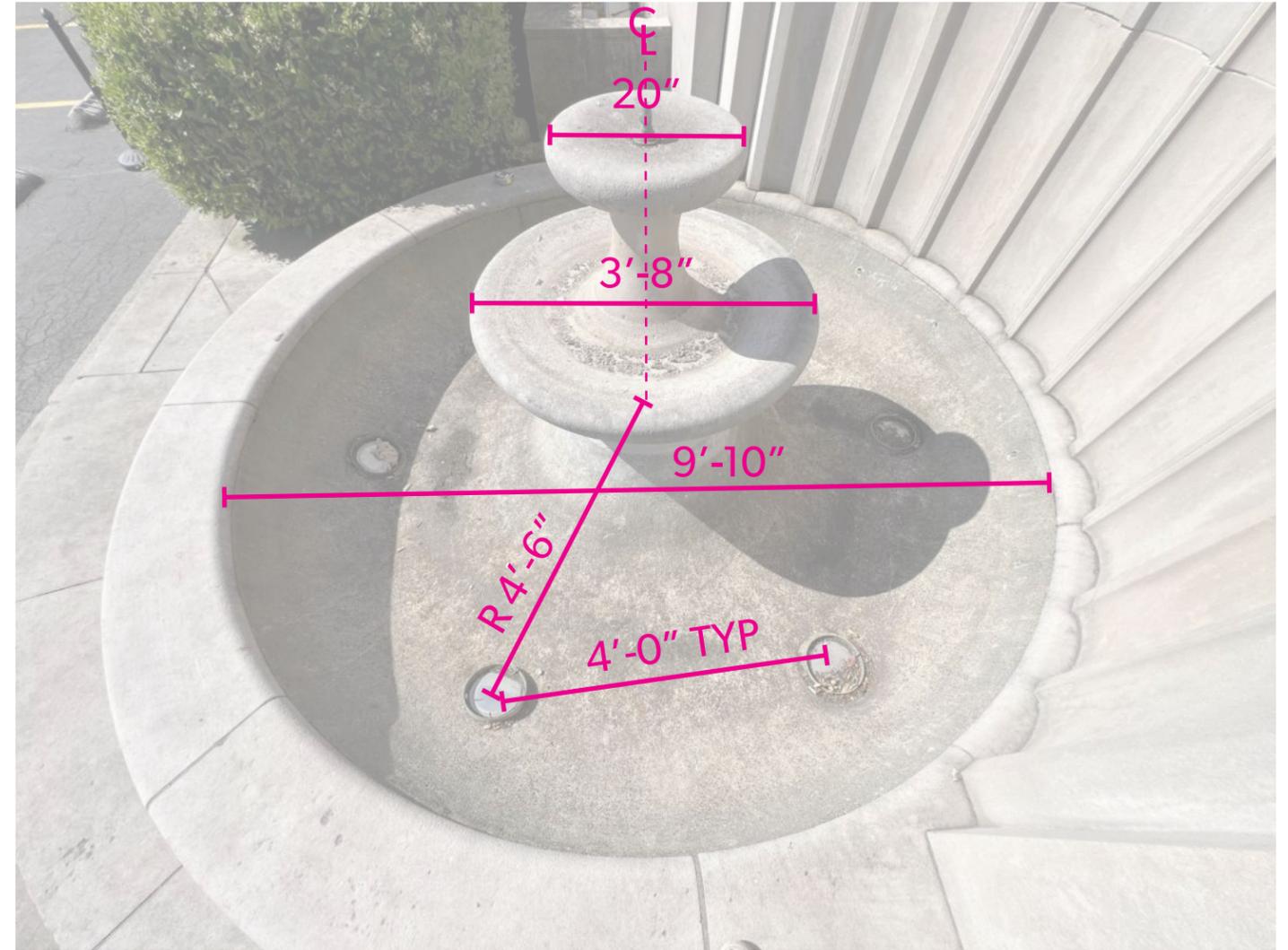
Southern Memorial Fountain



Spatial Analysis



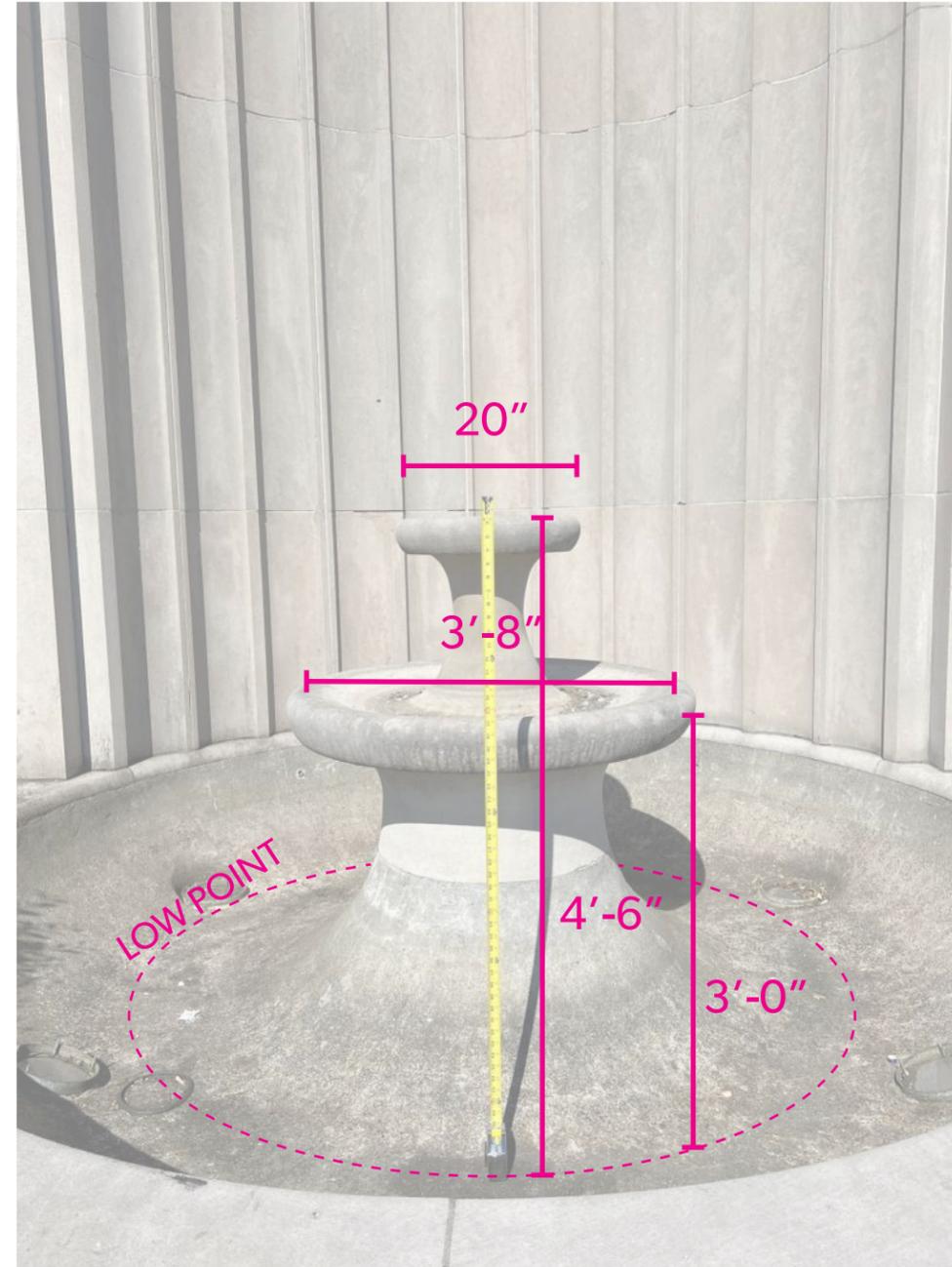
Northern Memorial Fountain Birds Eye



Spatial Analysis



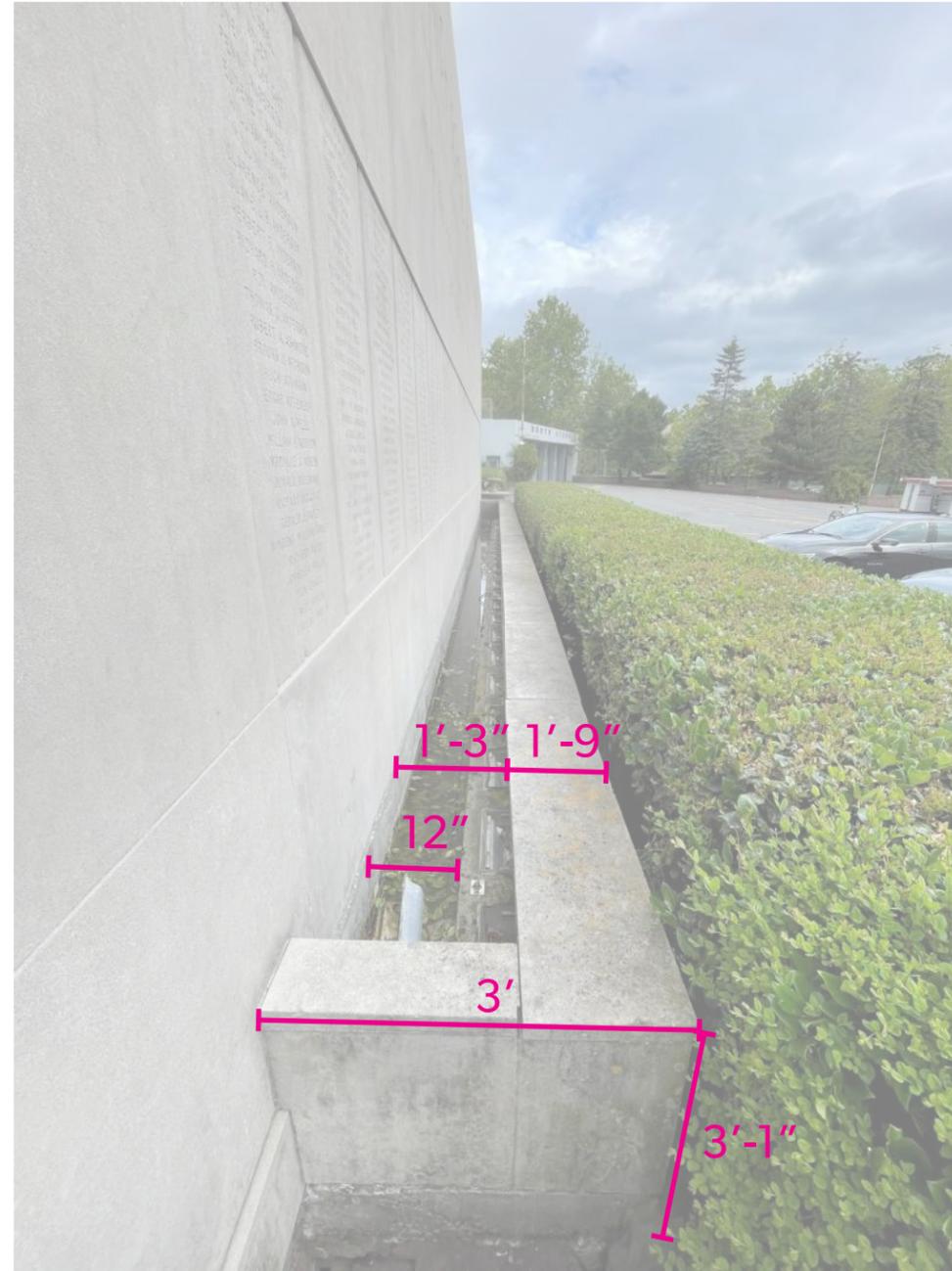
Northern Memorial Fountain Elevation



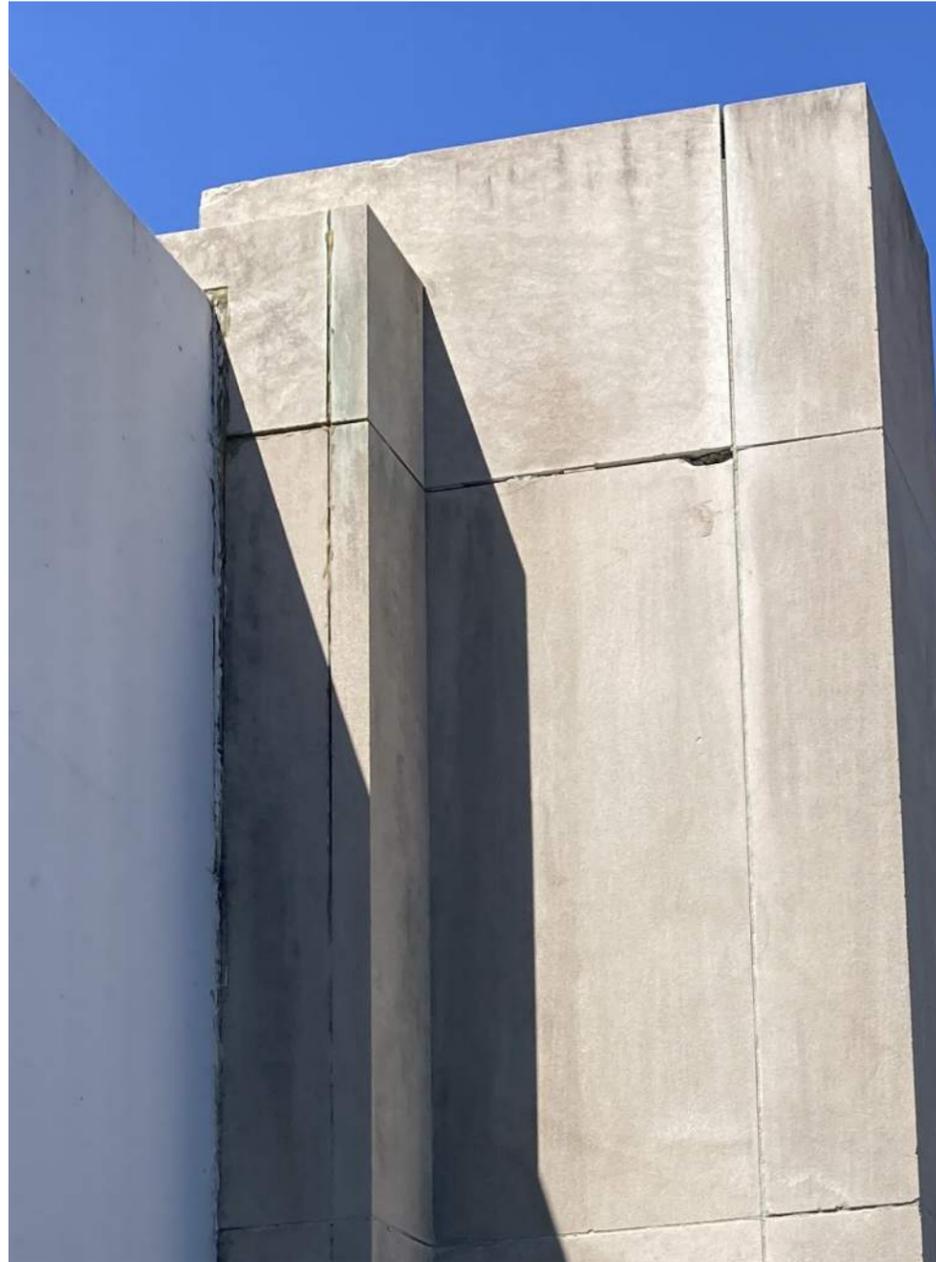
Spatial Analysis



Memorial Wall Up-Lighting Channel



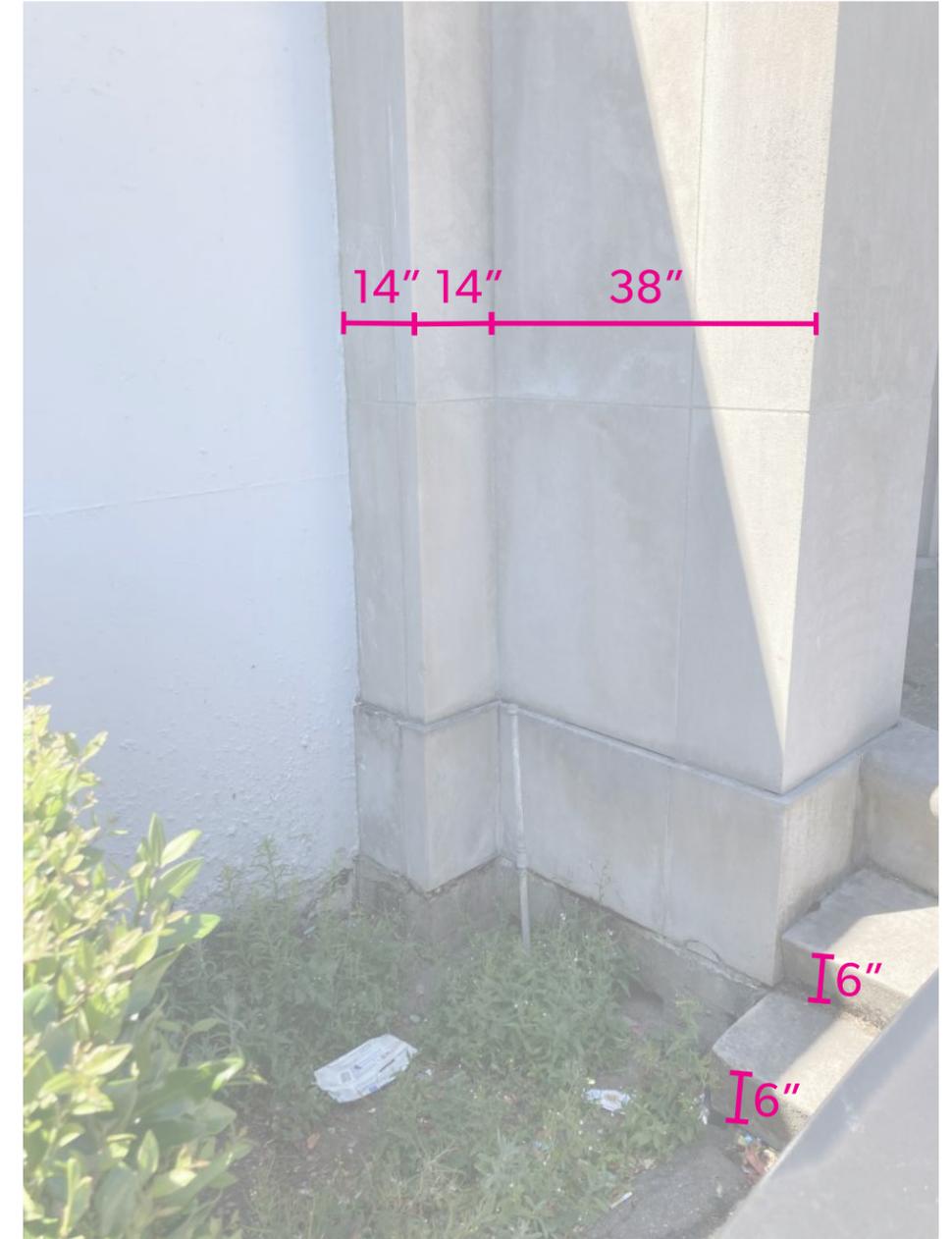
Spatial Analysis



North Memorial Stone Wall and Stadium Concrete Wall at Top of Walls - Stone Chips at Jointing



North Memorial Stone Wall and Stadium Concrete Wall at Grade - Chipping at Exposed Slab and Corner



South Memorial Stone Wall and Stadium Concrete Wall at Grade - Chipping at Exposed Slab and Corner



South Basin Steps - Nosing Chips and Discoloration



North Fountain Steps - Nosing Chips



Memorial Steps - Stone Joint, Discoloration, and Moss



South Fountain Basin Tower - Stone Markings and Discoloration



South Fountain Basin Edge - Stone Deterioration



Fountain Backdrop Fluting - Jointing and Stone Condition



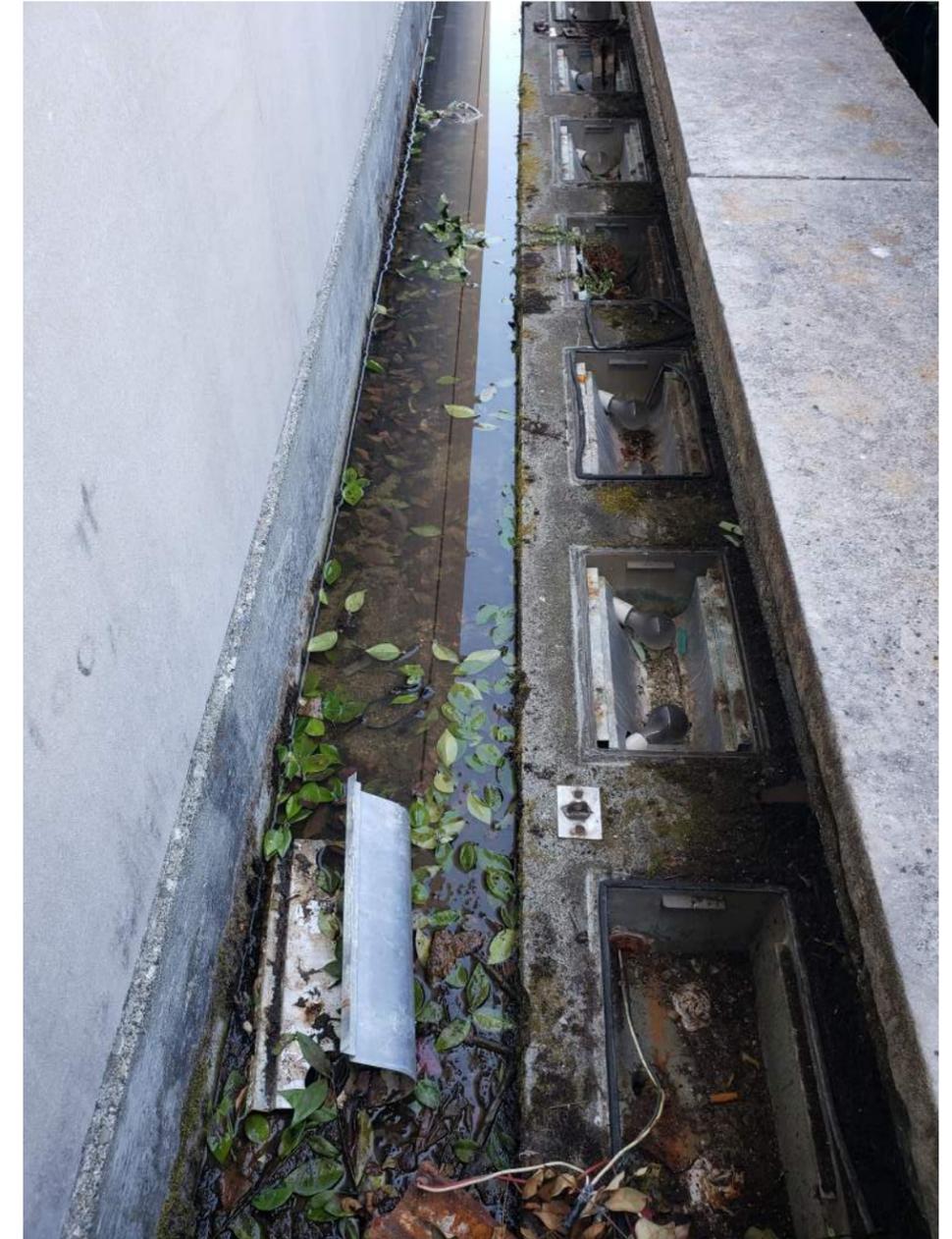
North Fountain Basin - Cloudy Lenses and Debris



North Fountain Basin Lights - Fixture Hardware Condition



Memorial Wall Light - Fixture Housing and Wiring Condition



Memorial Wall Lighting Trench - Fixture Condition + Standing Water



North Fountain Basin - Water Inlet and Outlet Locations



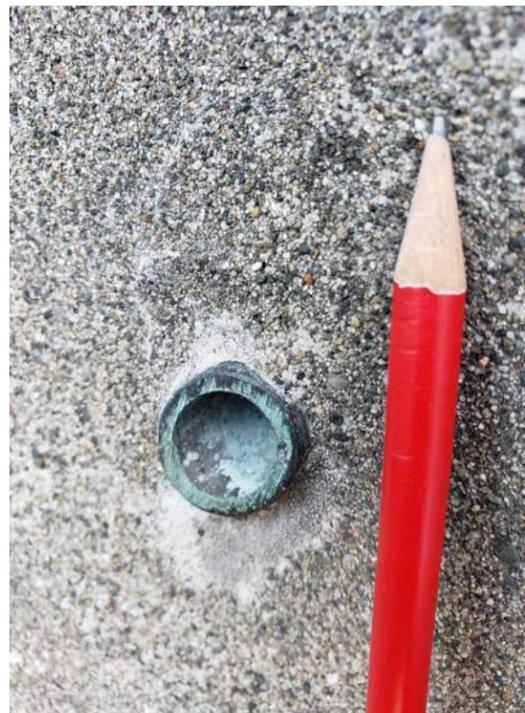
Water Overflow Pipes at Rim



Water Outlet at Basin Low Point



Water Inlet at Pedestal Top



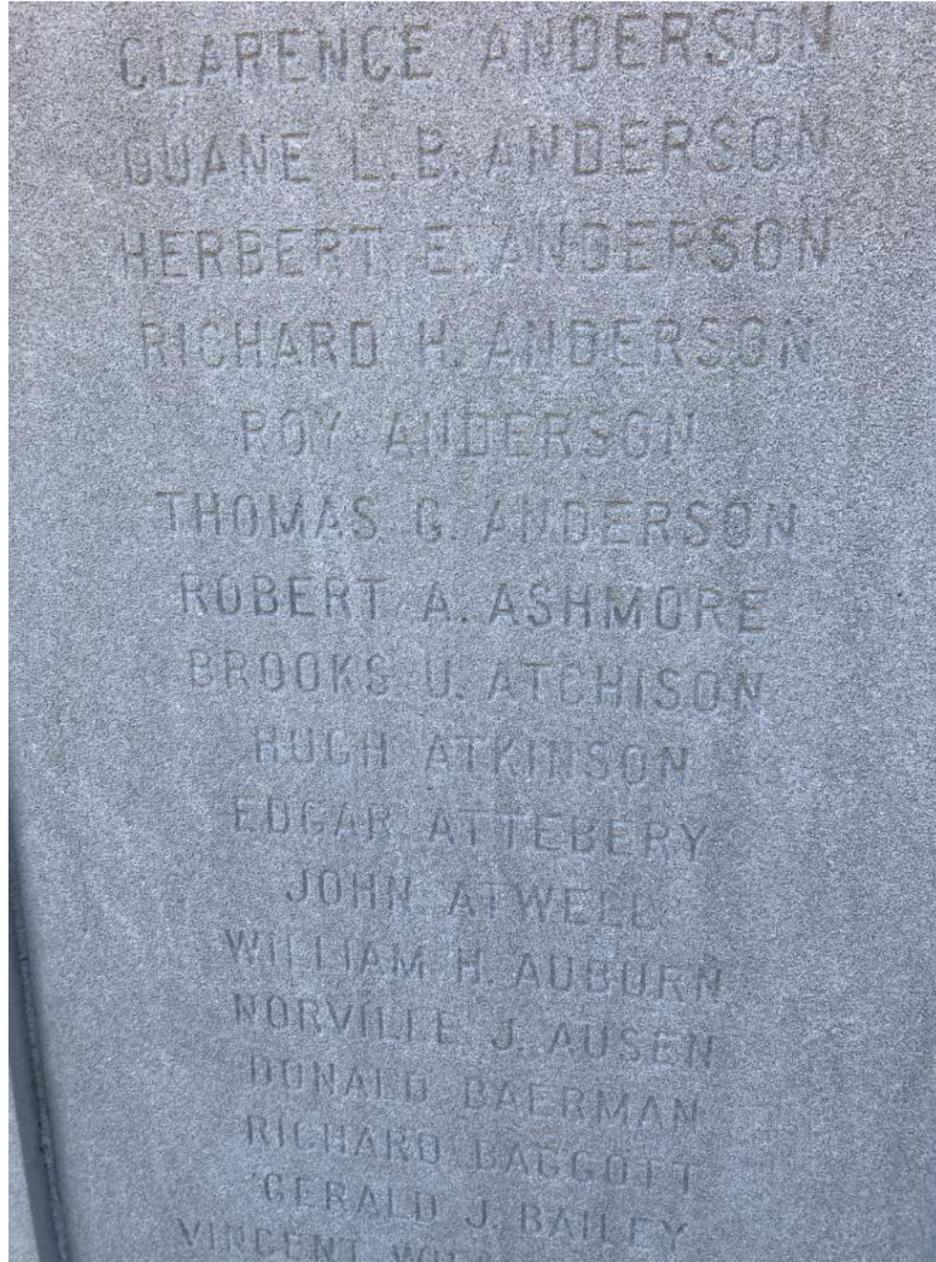
Diameter - TBD



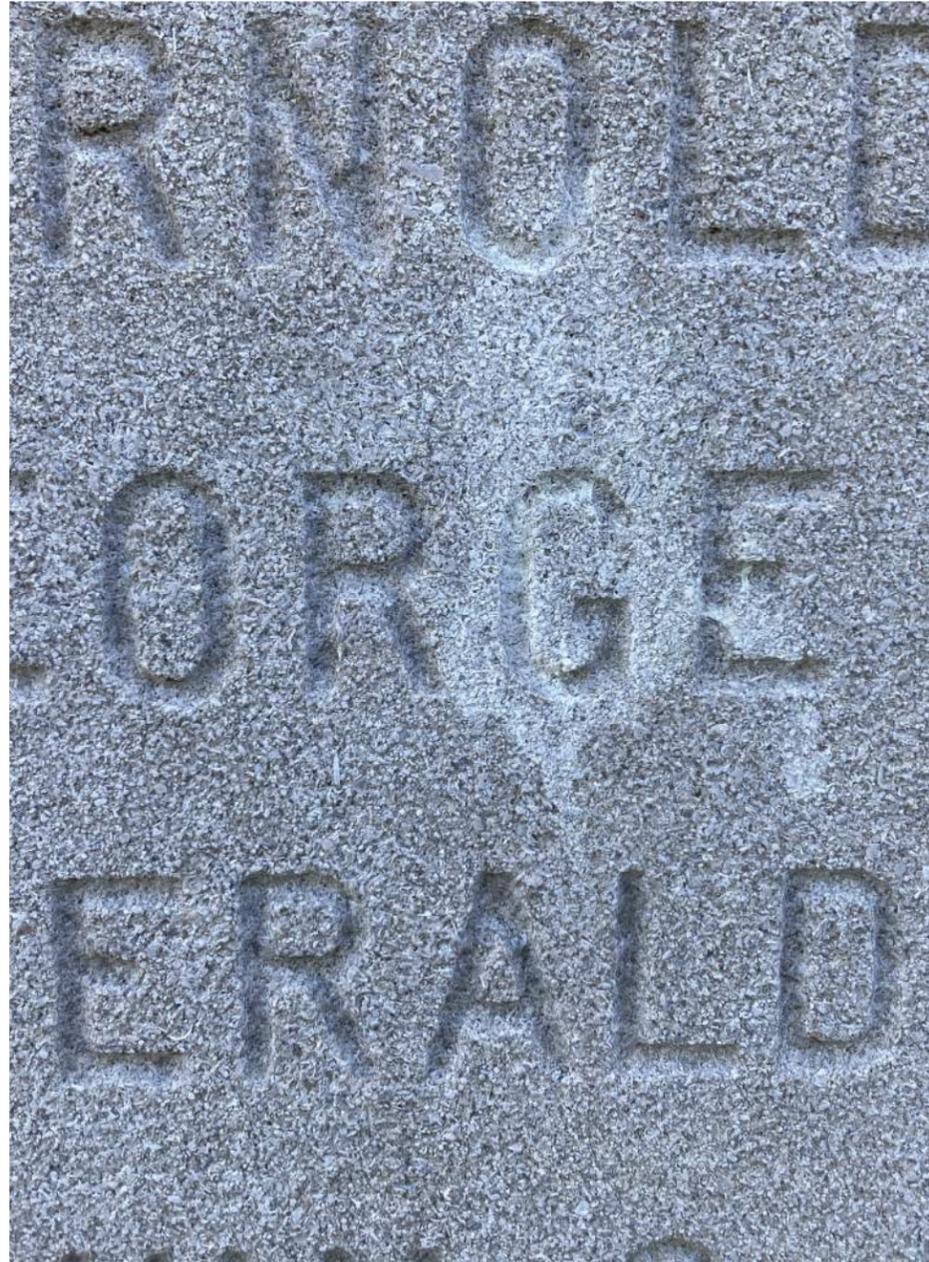
Diameter - TBD



Diameter - TBD



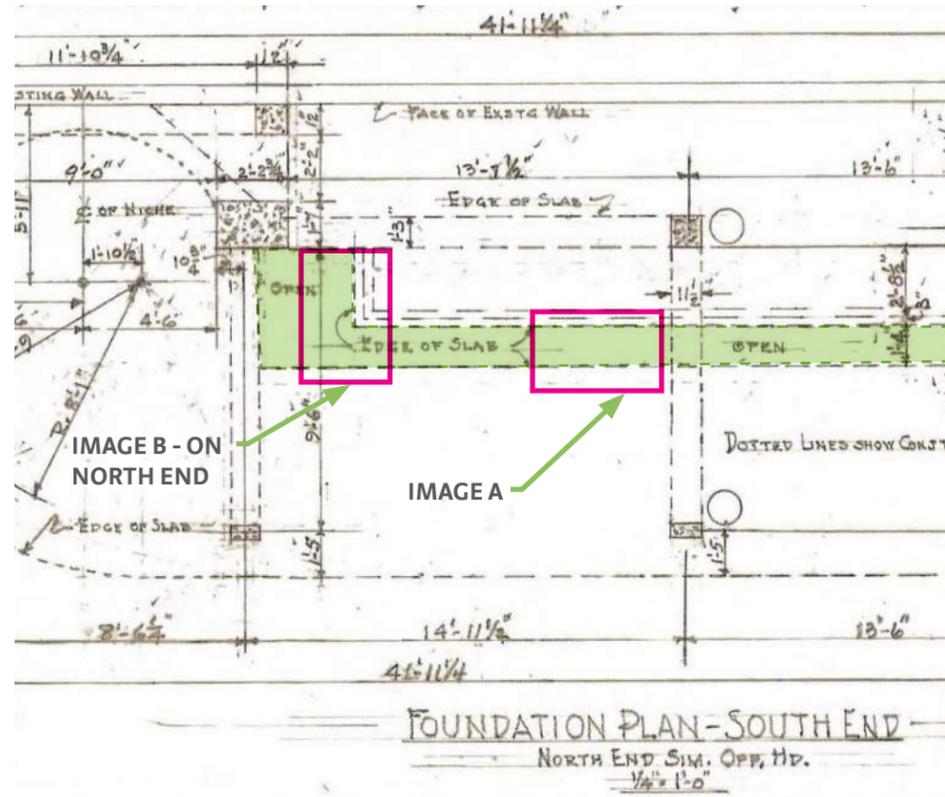
Memorial Wall Names - Stone and Engraving Typ Condition



Names Close Up - Stone Discoloration



Memorial Wall - Stone Patch Work, Two of Three



South Half Planting Area Plan - Symmetrical to North



Existing Planting Area -

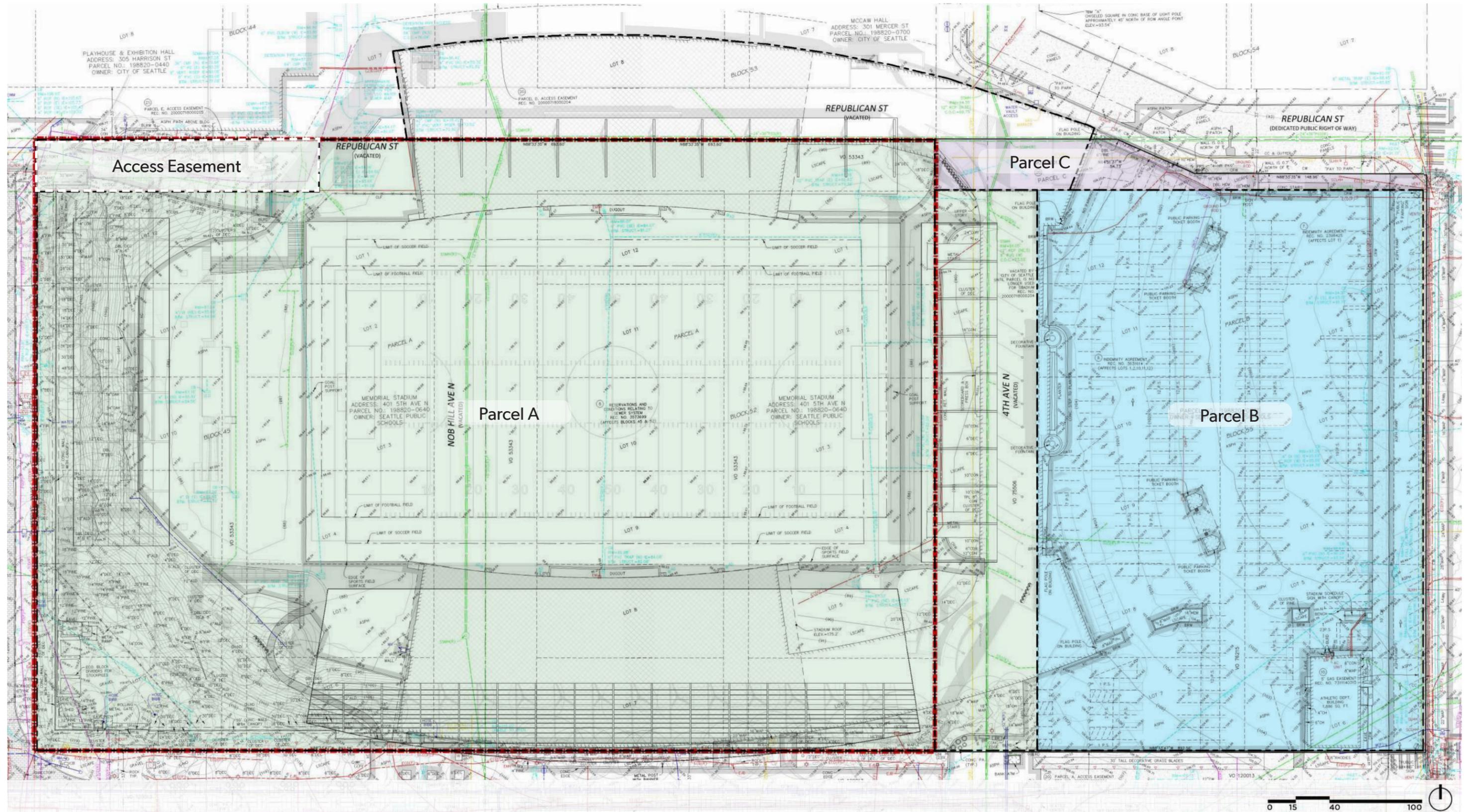


A: Existing Planter - Width of Planter



B: Planter at North End of Lighting Trench - Root Mass and Trash

BUILDING HISTORY + EXISTING CONDITIONS | Current Lot Lines



LANDMARKS + PROJECT OBJECTIVES

LANDMARKS PRESERVATION ORDINANCE (SEATTLE MUNICIPAL CODE)

25.12.20 - PURPOSE AND DECLARATION OF POLICY

THE CITY'S LEGISLATIVE AUTHORITY FINDS THAT THE PROTECTION, ENHANCEMENT, PERPETUATION AND USE OF SITES, IMPROVEMENTS AND OBJECTS OF HISTORICAL, CULTURAL, ARCHITECTURAL, ENGINEERING OR GEOGRAPHIC SIGNIFICANCE, LOCATED WITHIN THE CITY, ARE REQUIRED IN THE INTEREST OF THE PROSPERITY, CIVIC PRIDE AND GENERAL WELFARE OF THE PEOPLE; AND FURTHER FINDS THAT THE ECONOMIC, CULTURAL AND AESTHETIC STANDING OF THIS CITY CANNOT BE MAINTAINED OR ENHANCED BY DISREGARDING THE HERITAGE OF THE CITY AND BY ALLOWING THE UNNECESSARY DESTRUCTION OR DEFACEMENT OF SUCH CULTURAL ASSETS.

LANDMARKS ORDINANCE GOALS / OBJECTIVES

- TO DESIGNATE, PRESERVE, PROTECT, ENHANCE AND PERPETUATE THOSE SITES, IMPROVEMENTS AND OBJECTS WHICH REFLECT SIGNIFICANT ELEMENTS OF THE CITY'S CULTURAL, AESTHETIC, SOCIAL, ECONOMIC, POLITICAL, ARCHITECTURAL, ENGINEERING, HISTORIC OR OTHER HERITAGE, CONSISTENT WITH THE ESTABLISHED LONG-TERM GOALS AND POLICIES OF THE CITY.
- TO FOSTER CIVIC PRIDE IN THE BEAUTY AND ACCOMPLISHMENTS OF THE PAST
- TO STABILIZE OR IMPROVE THE AESTHETIC AND ECONOMIC VITALITY AND VALUES OF SUCH SITES, IMPROVEMENTS AND OBJECTS.
- TO PROTECT AND ENHANCE THE CITY'S ATTRACTION TO TOURISTS AND VISITORS
- TO PROMOTE THE USE OF OUTSTANDING SITES, IMPROVEMENTS AND OBJECTS FOR THE EDUCATION, STIMULATION AND WELFARE OF THE PEOPLE OF THE CITY.
- TO PROMOTE AND ENCOURAGE CONTINUED PRIVATE OWNERSHIP AND USE OF SUCH SITES, IMPROVEMENTS AND OBJECTS NOW SO OWNED AND USED, TO THE EXTENT THAT THE OBJECTIVES LISTED ABOVE CAN BE ATTAINED UNDER SUCH A POLICY.

GENERAL SYSTEM NOTES:

- CURRENT FUNCTIONALITY OF WATER FEATURE SOURCE PIPE AND DRAIN IS UNKNOWN.
- CURRENT FUNCTIONALITY OF FEATURE LIGHTING AND ELECTRICAL WIRING IS UNKNOWN.

PROJECT GOALS / OBJECTIVES

- PRESERVE, PROTECT AND HONOR EXISTING MEMORIAL WALL.
- PROTECT AND/OR REPAIR WALL, SITE , WATER FEATURES, LIGHTING FIXTURES AND CONDUIT.
- IMPROVE SURROUNDINGS IN SUCH A MANNER AS TO INCREASE THE PRESENCE OF THE MEMORIAL WALL.
- CREATE A SPATIAL BUFFER BETWEEN THE MEMORIAL WALL AND SURROUNDING PARKING TO HONOR MEMORIAL WALL AND PROVIDE PLACE FOR VIEWING AND VETERANS EVENTS.
- IMPROVE UNIVERSAL ACCESSIBILITY AND SAFE ACCESS FOR VETERANS, SPS VISITORS, AND PUBLIC.
- ABANDON WATER FUNCTION DUE TO COMPLEXITY OF RENOVATION TO MEET PLUMBING CODE AND SAFETY WHILE PROTECTING HISTORIC FEATURES.

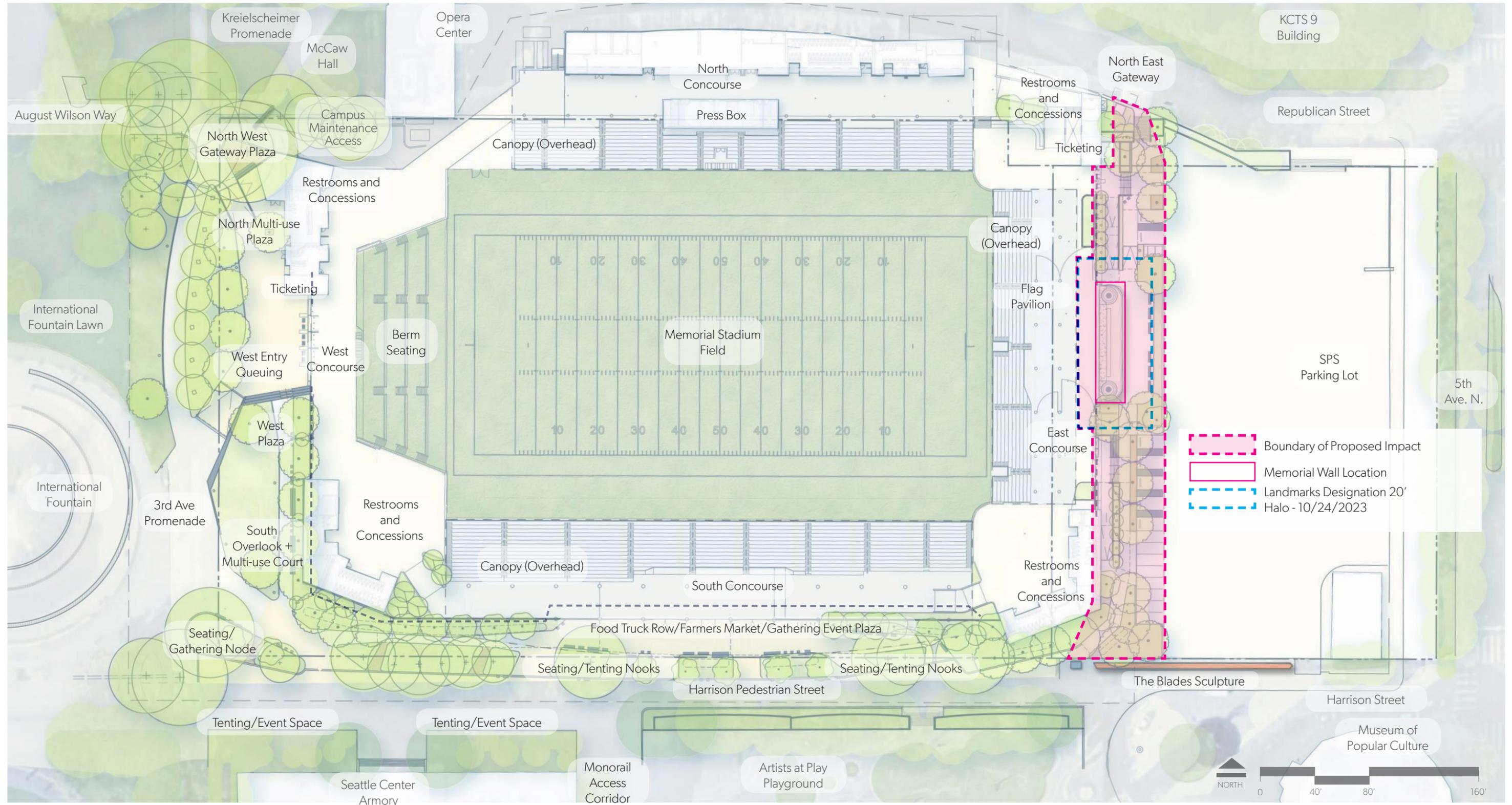
PRELIMINARY SITE PROGRAM

- INCREASE MEMORIAL ZONE AND PROVIDE PUBLIC GATHERING AREA.
- PROVIDE PEDESTRIAN AND UNIVERSAL ACCESS.
- CREATE SEPARATION OF PEDESTRIAN AND VEHICULAR ACTIVITY.

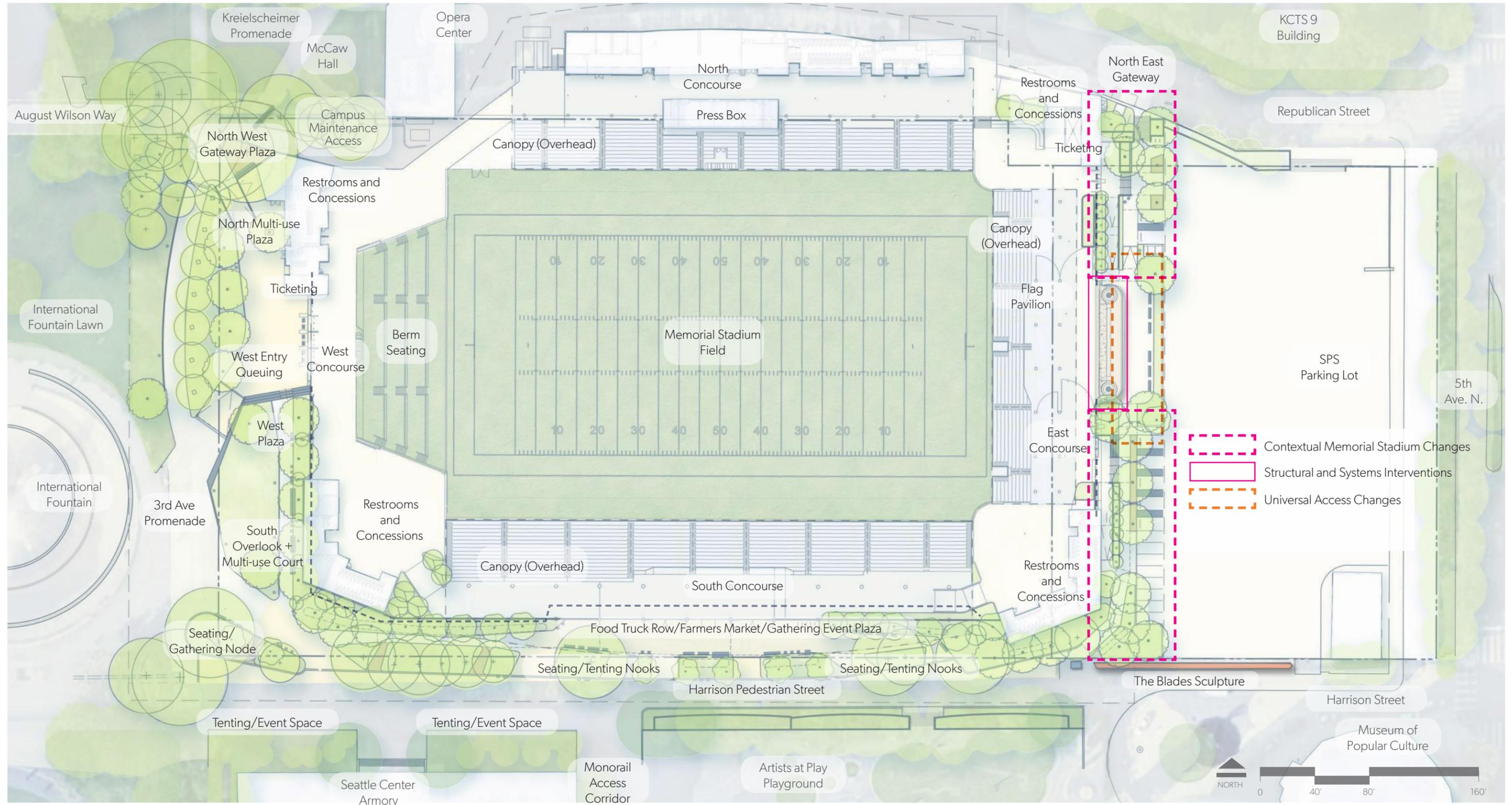
DESIGN PROPOSAL

- SITE CONTEXT
- CONTEXTUAL CHANGES
- STRUCTURAL + SYSTEM INTERVENTIONS
- SITE DESIGN + ACCESSIBILITY

SITE CONTEXT | Memorial Stadium Site Plan - Contextual Overlays



SITE CONTEXT | Memorial Stadium Site Plan - Memorial Preliminary Options Diagram



EXISTING VIEWS



1



2



3



4



5



6



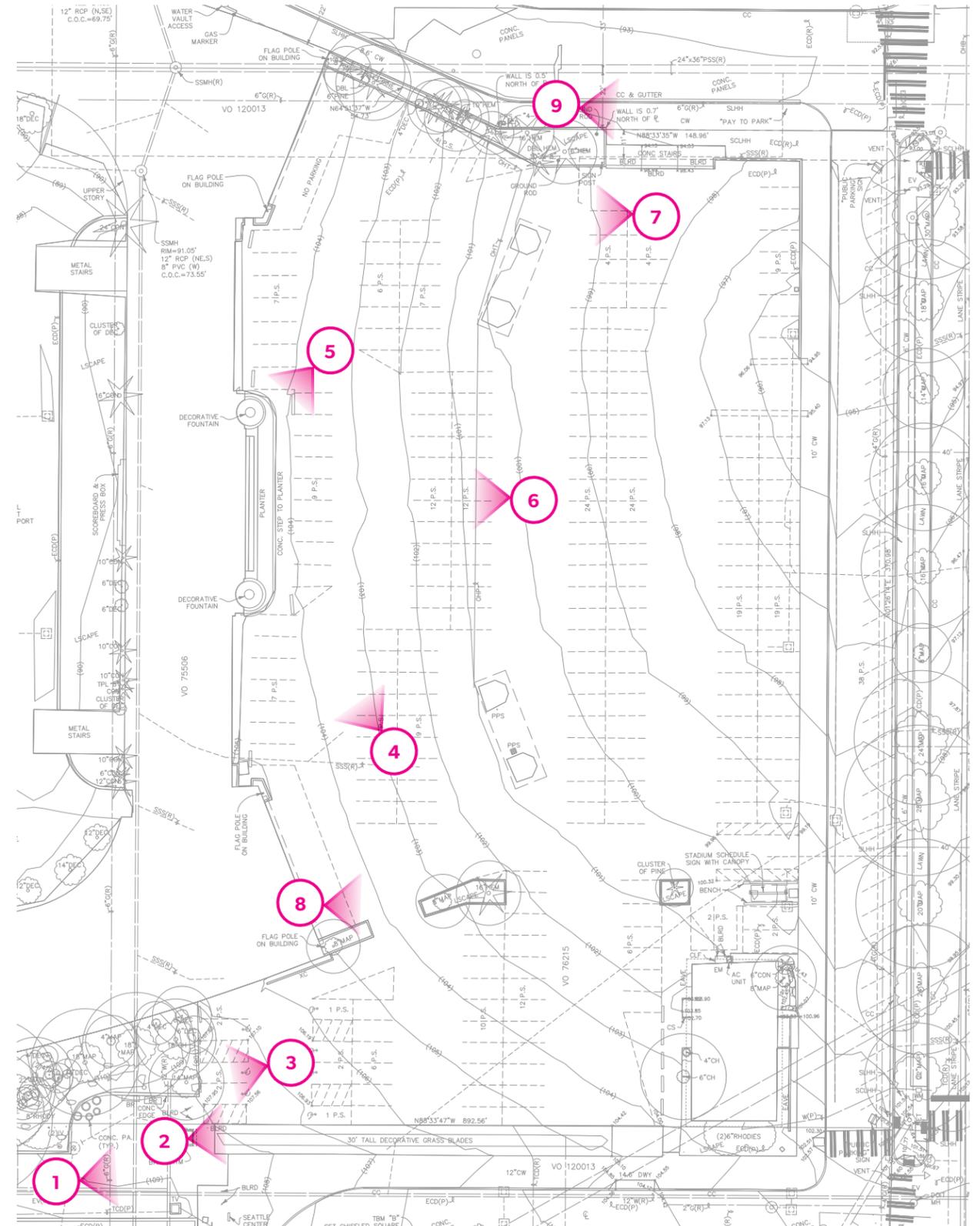
7



8



9



CONTEXTUAL CHANGES | Proposed Memorial Stadium Site Grading

GRADING GOALS AND OBJECTIVES

Existing topography will be modified adjacent to the Memorial Wall and new stadium to provide for universal access, pedestrian routes connecting the site to the north and south of the site. The existing parking lot, adjoining sidewalks and driveways will remain at existing elevation.

EXISTING VIEWS



Republican Street Sidewalk Wall

1



Parking Lot Existing Topography to Remain

2



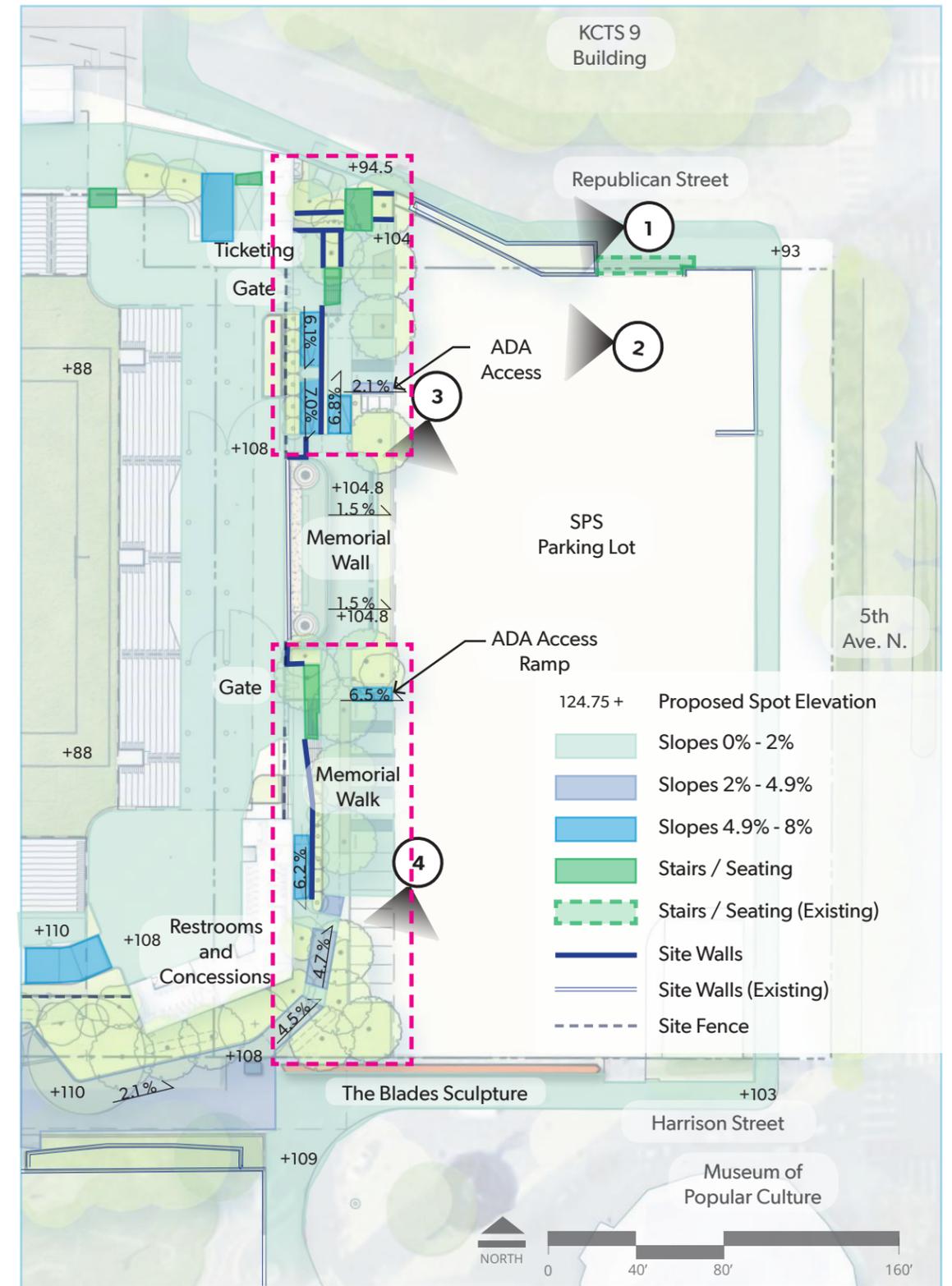
Parking to be Removed From Front of Memorial

3

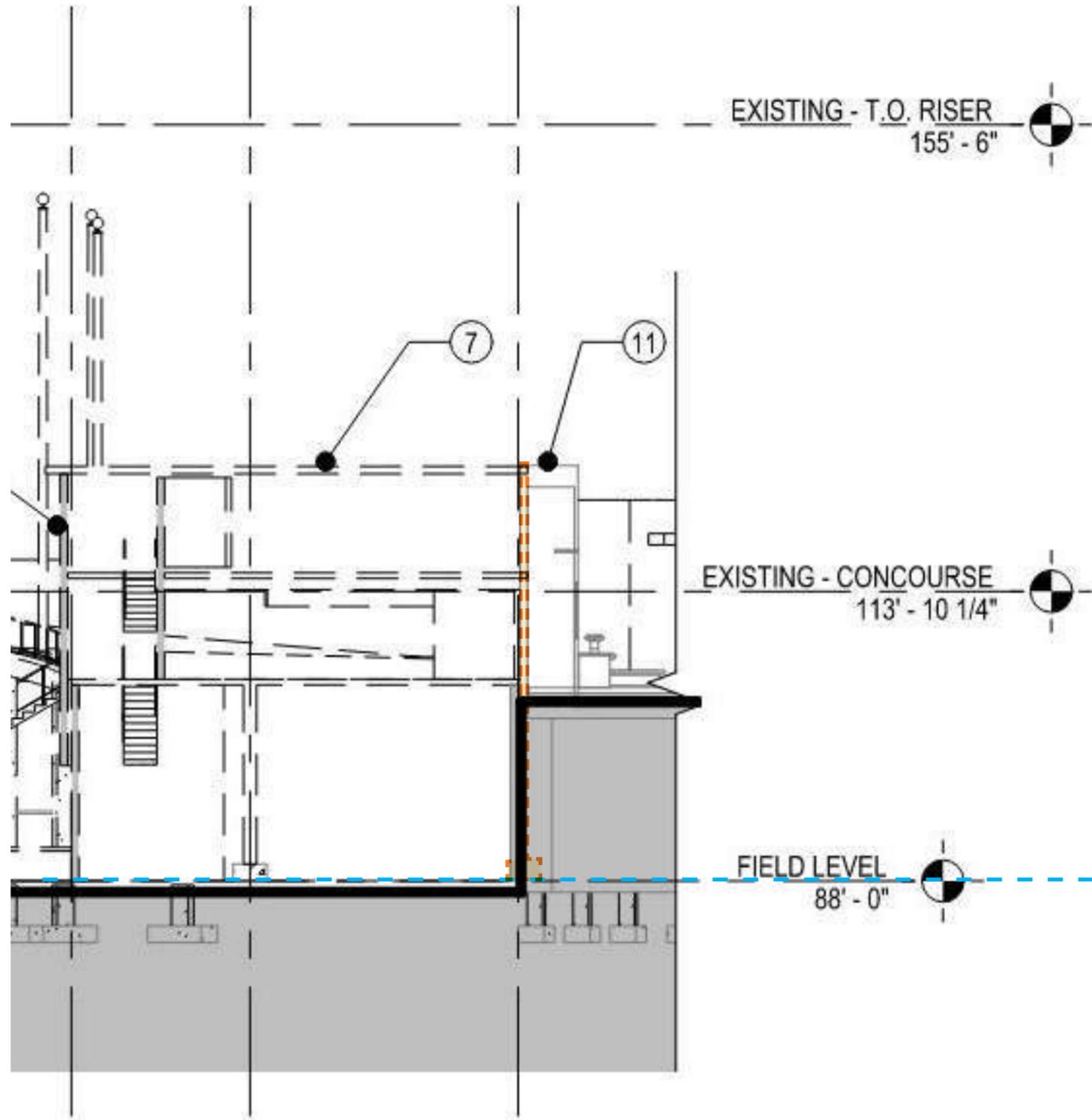


Parking Lot Existing Topography to Remain

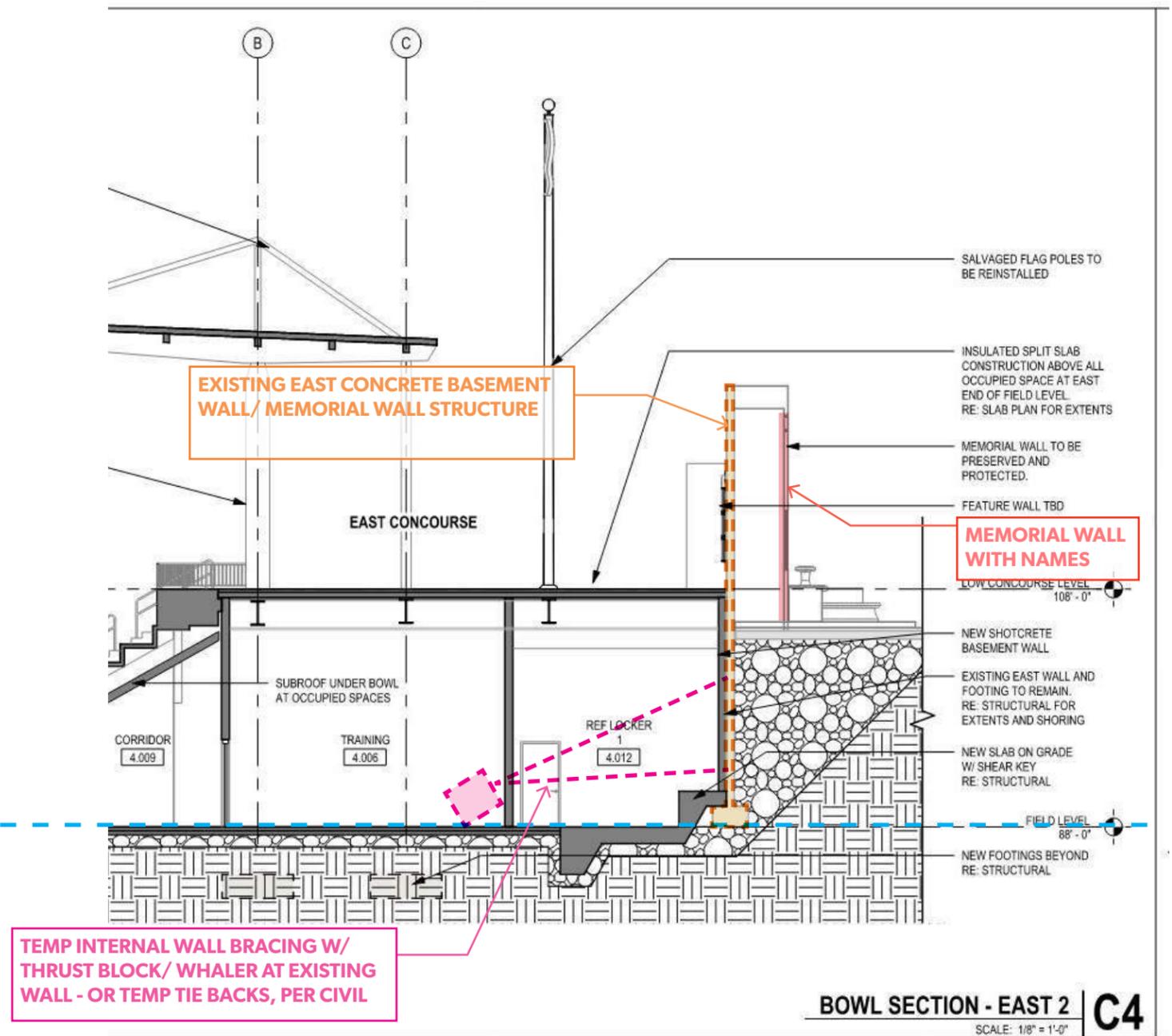
4



STRUCTURAL AND SYSTEM INTERVENTIONS | Proposed Memorial Wall Structural Section



Existing Section of Memorial Wall and Foundations



Proposed East Section of Memorial Wall, Temporary Shoring, and Foundations

STRUCTURAL AND SYSTEM INTERVENTIONS | Original Drawings (12/21/1949) - Proposed Impact Extents

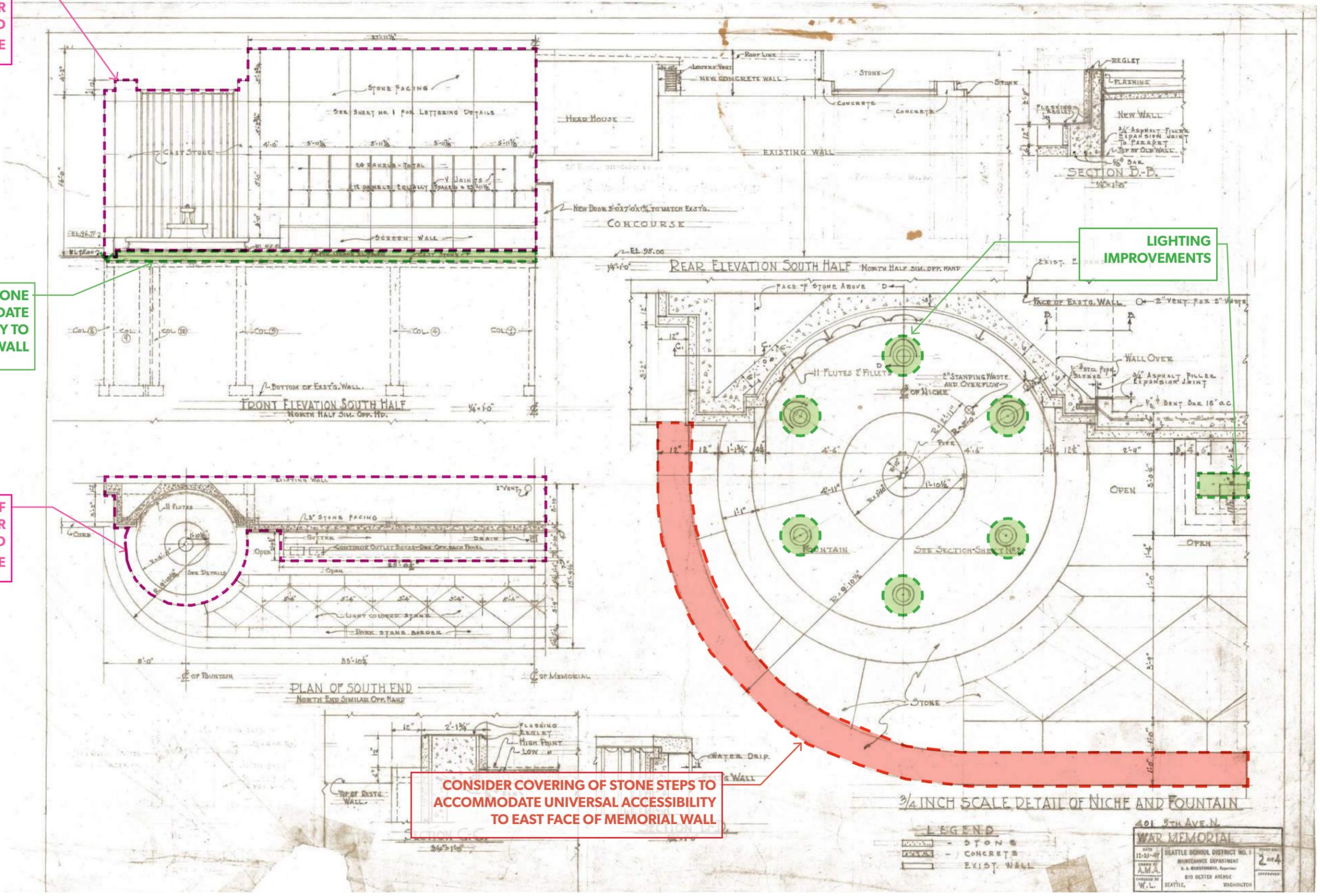
PROPOSED EXTENT OF PROTECTION FOR MEMORIAL WALL AND FOUNTAIN NICHE

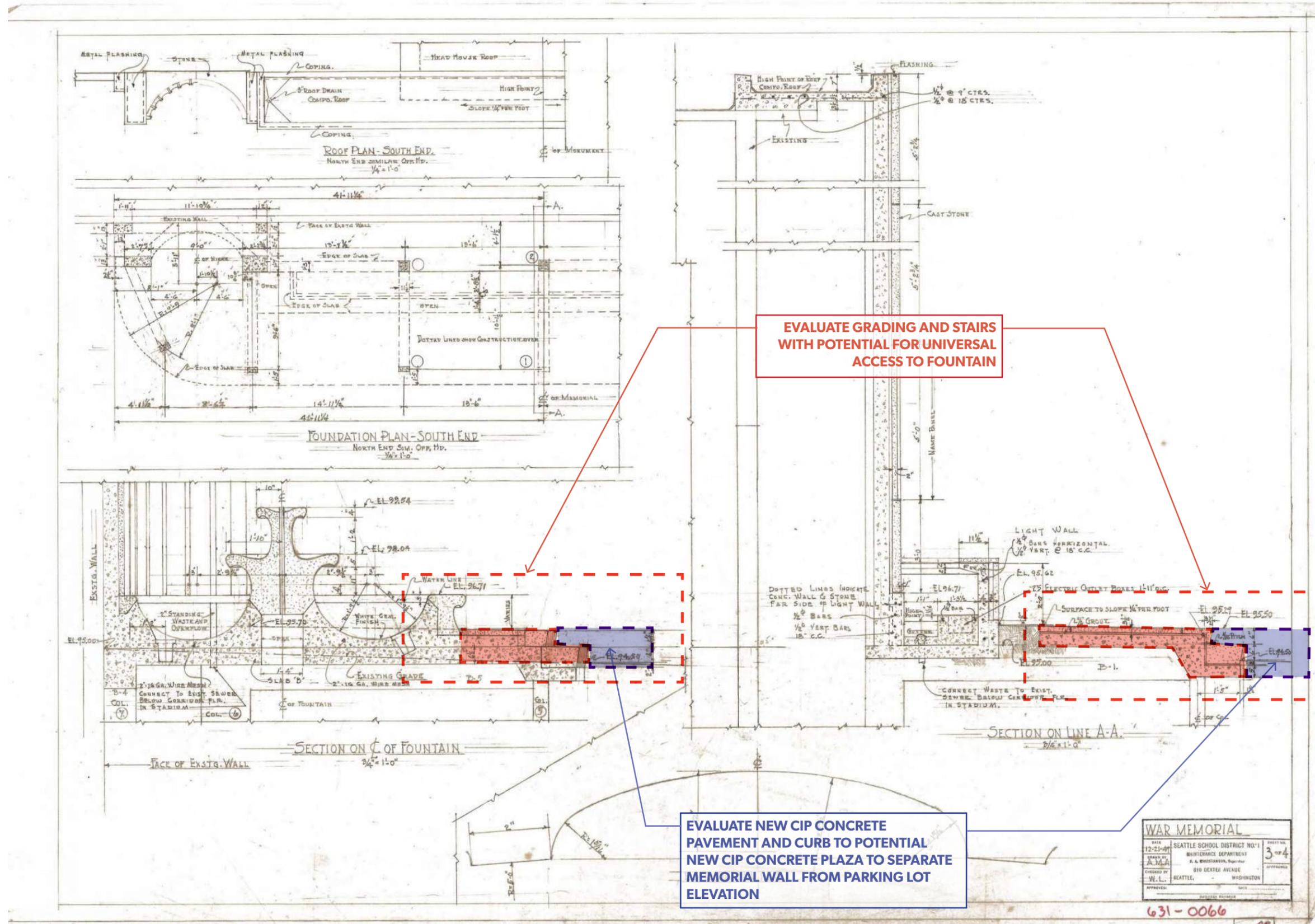
CONSIDER COVERING OF STONE STEPS TO ACCOMMODATE UNIVERSAL ACCESSIBILITY TO EAST FACE OF MEMORIAL WALL

PROPOSED EXTENT OF PROTECTION ZONE FOR MEMORIAL WALL AND FOUNTAIN NICHE

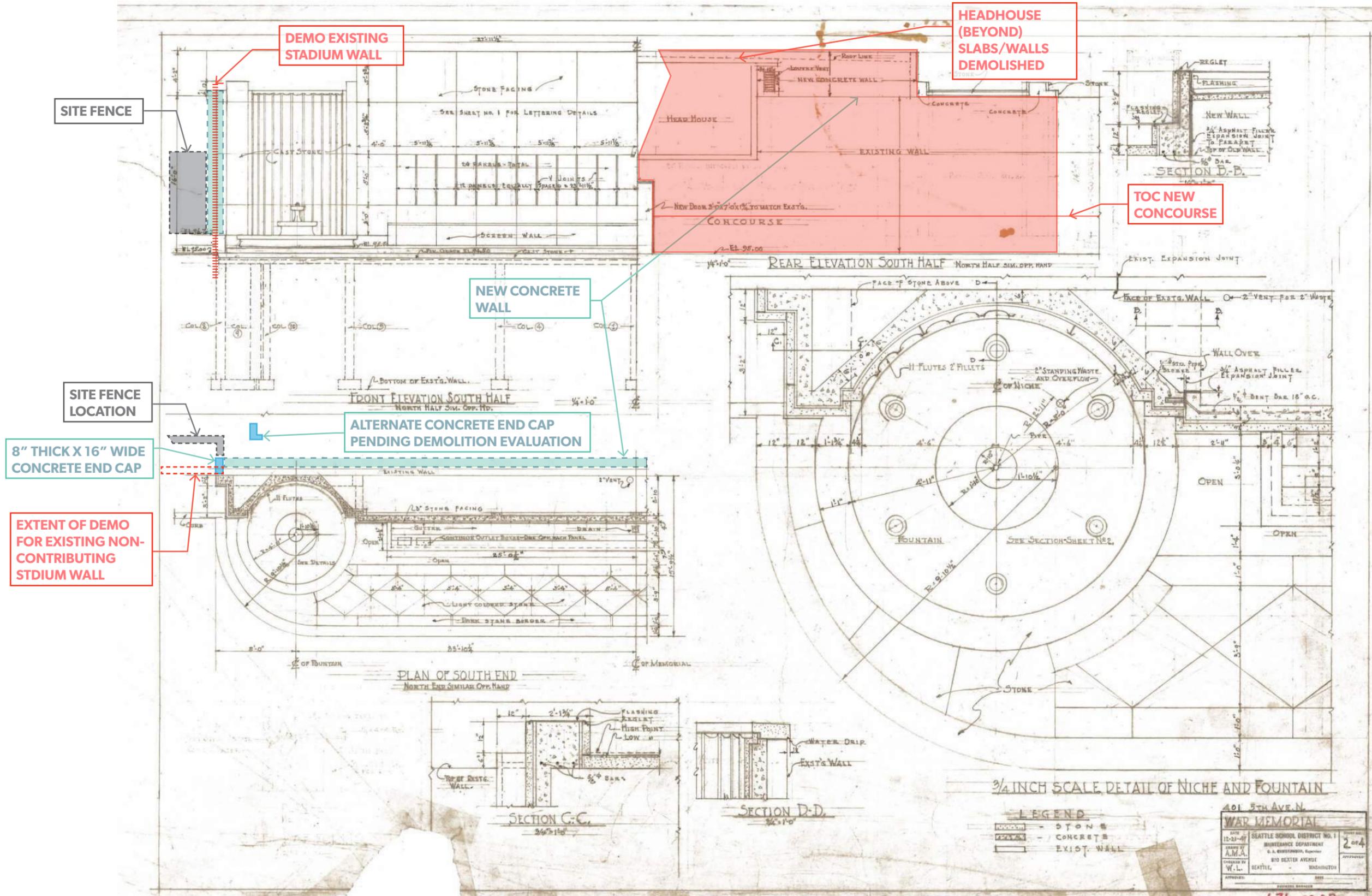
CONSIDER COVERING OF STONE STEPS TO ACCOMMODATE UNIVERSAL ACCESSIBILITY TO EAST FACE OF MEMORIAL WALL

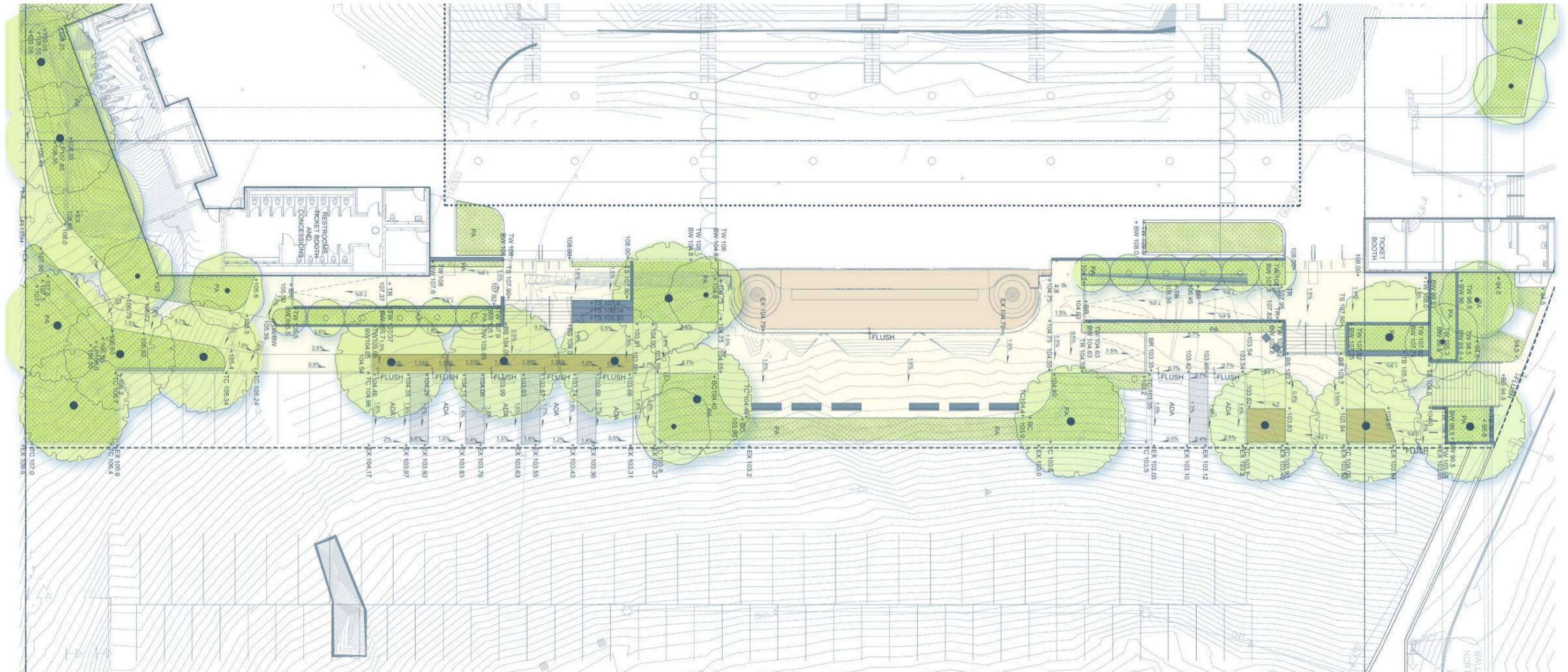
LIGHTING IMPROVEMENTS



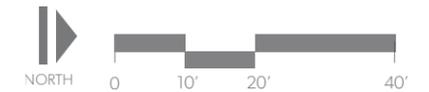


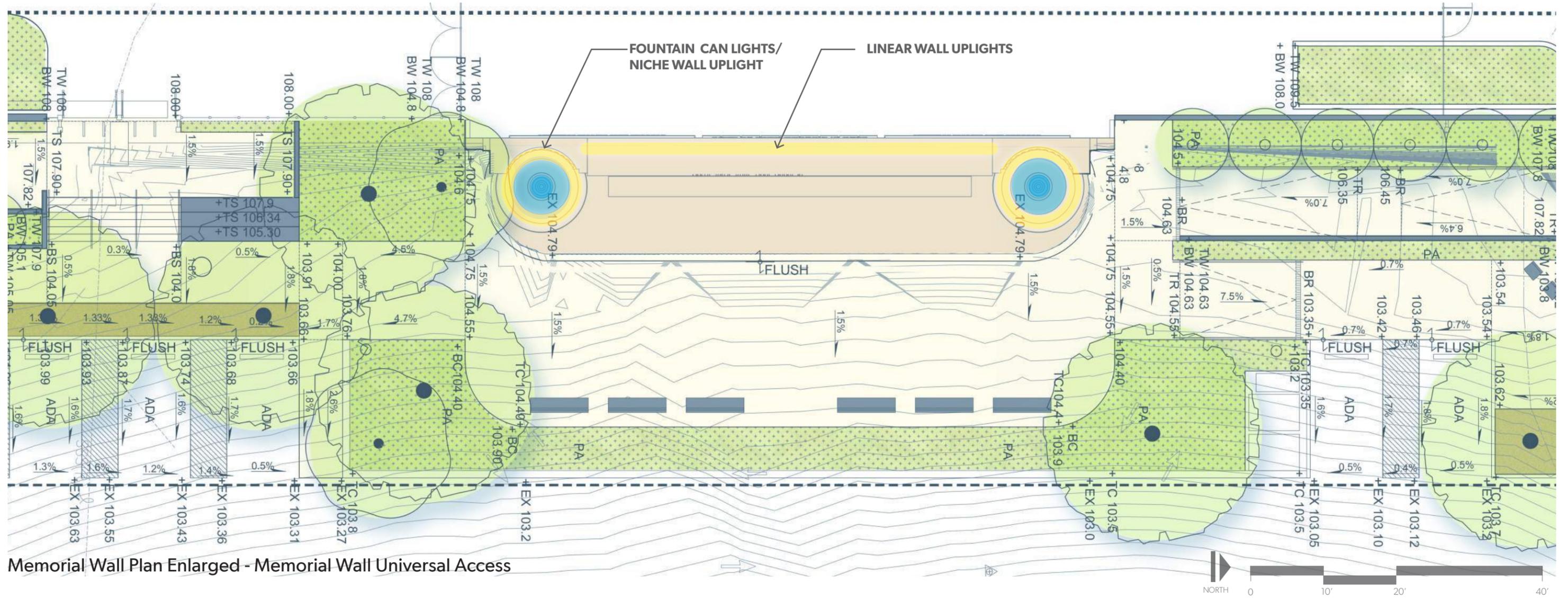
STRUCTURAL AND SYSTEM INTERVENTIONS | Original Drawings (12/21/1949) - Proposed Impact Extents





East Side Plan - Memorial Wall Universal Access

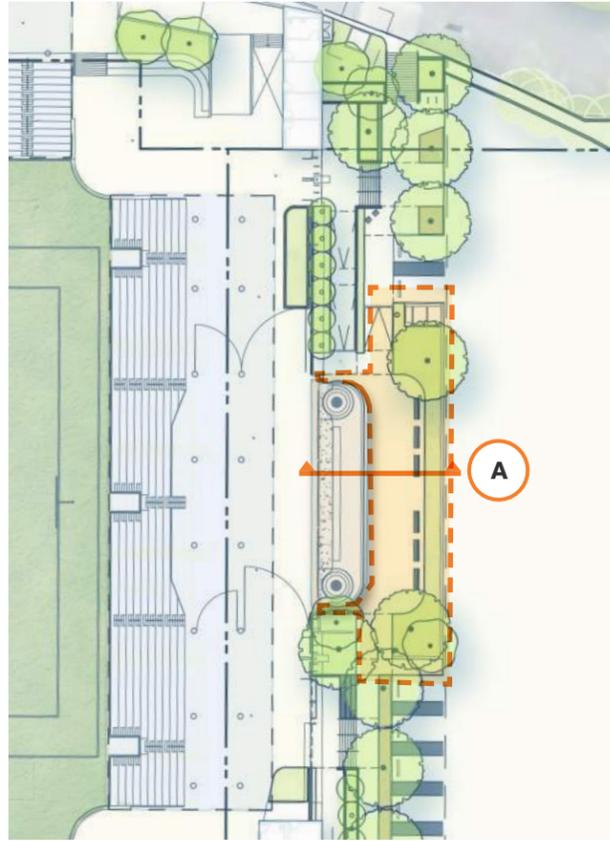




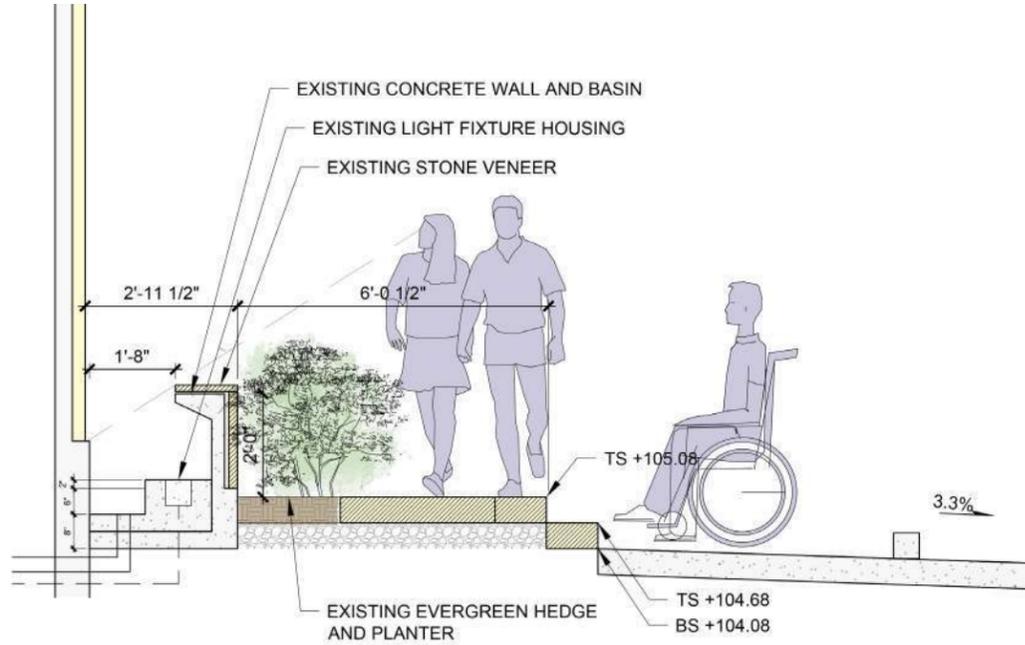
Memorial Wall Plan Enlarged - Memorial Wall Universal Access



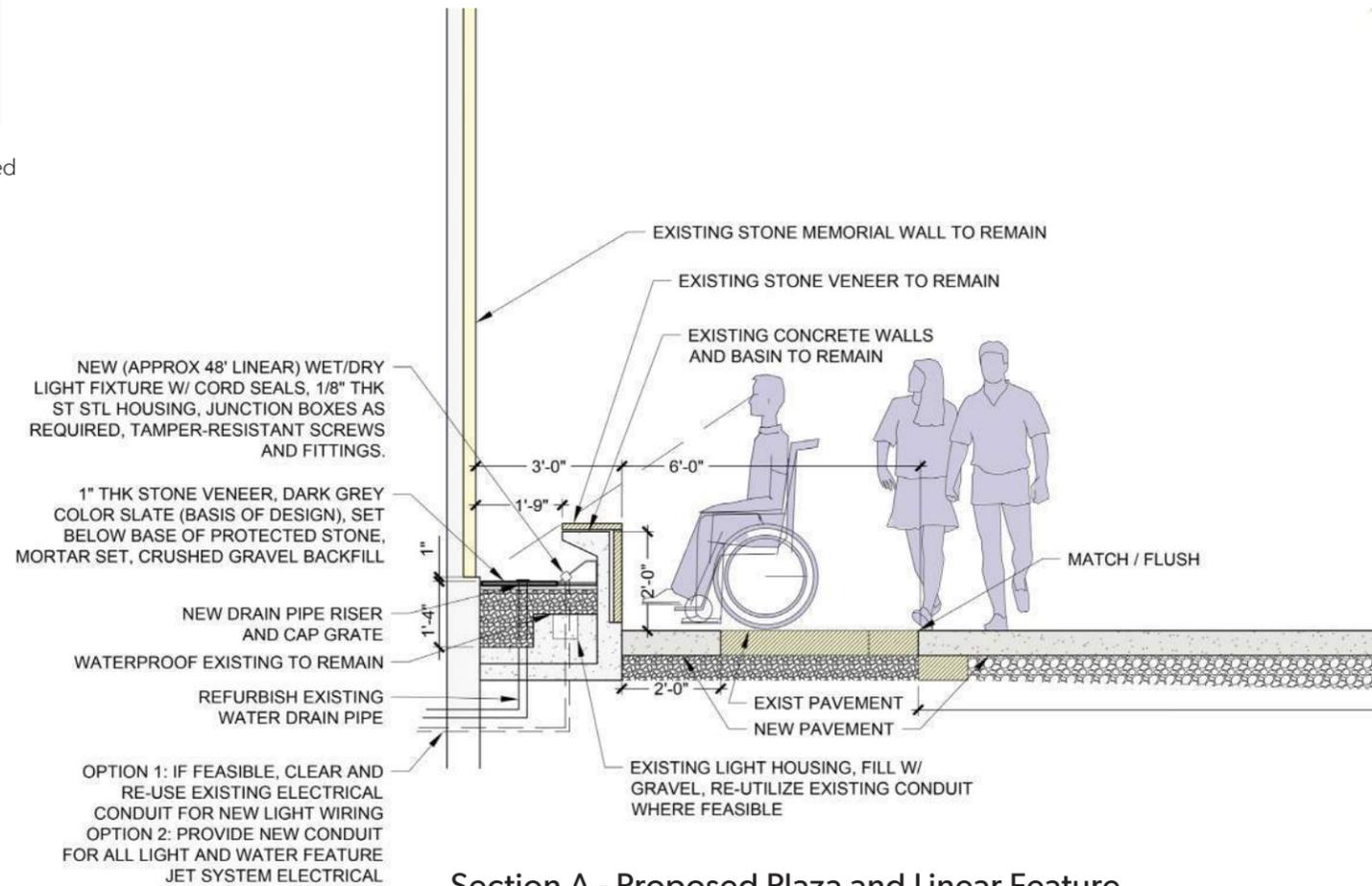
Memorial Wall Lighting - Concept Images



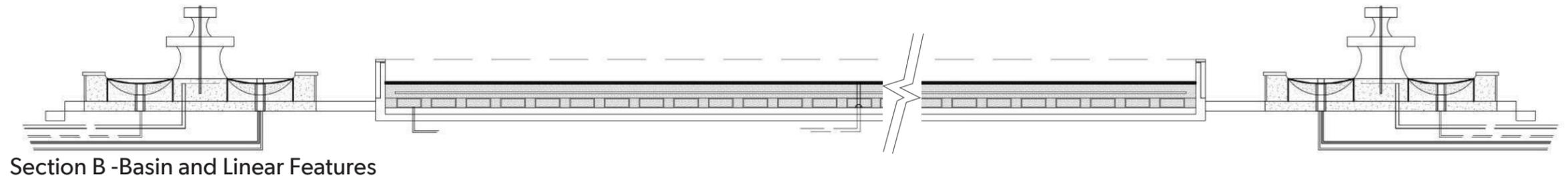
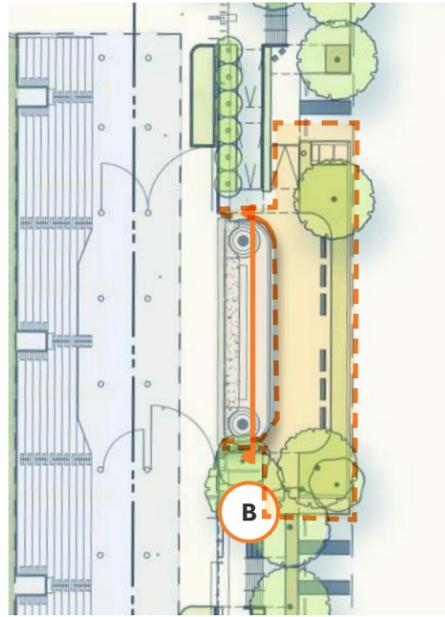
 Universal Access + Elevated Memorial Plaza Changes



Section A - Existing Stair and Linear Feature

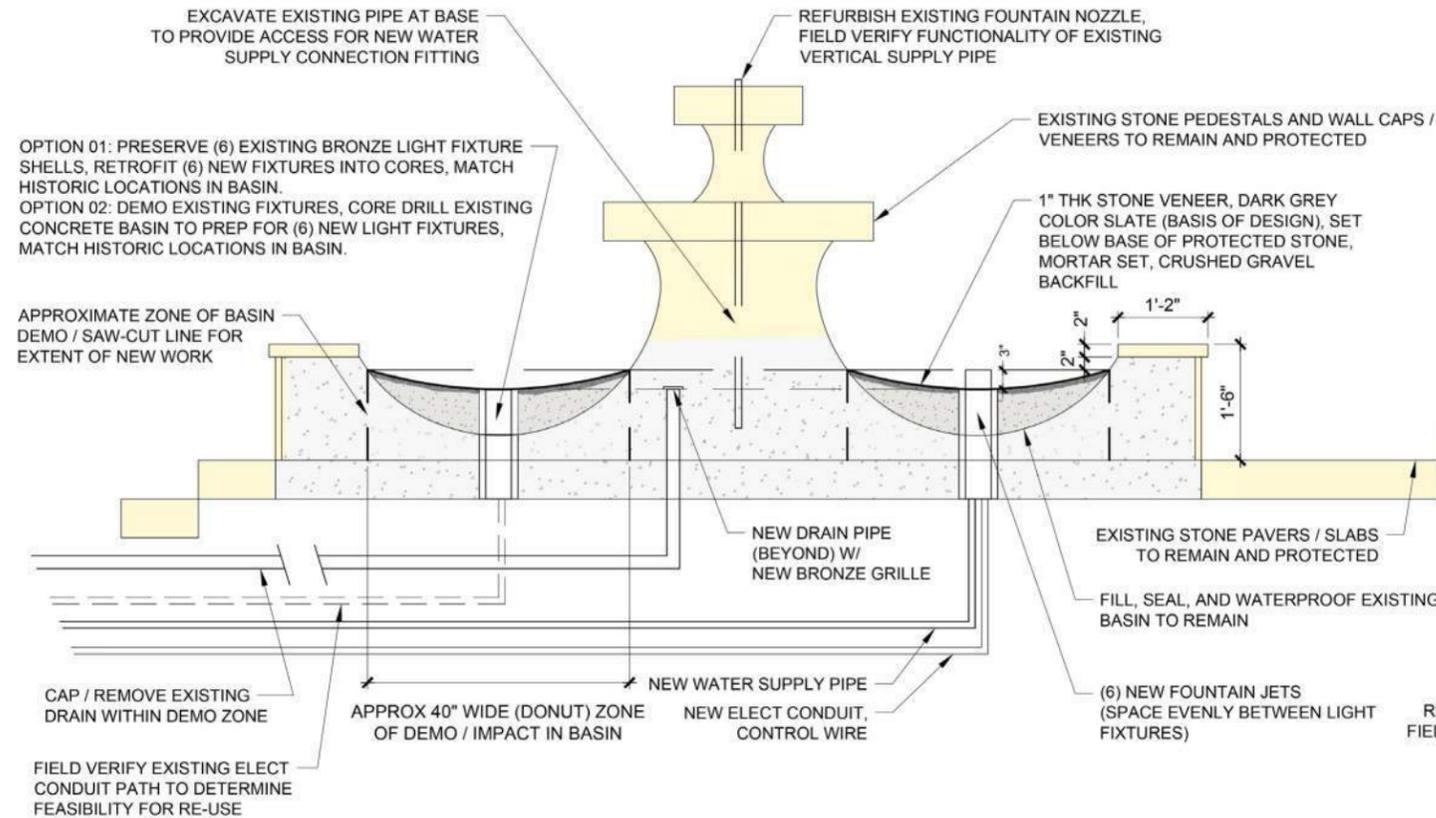


Section A - Proposed Plaza and Linear Feature

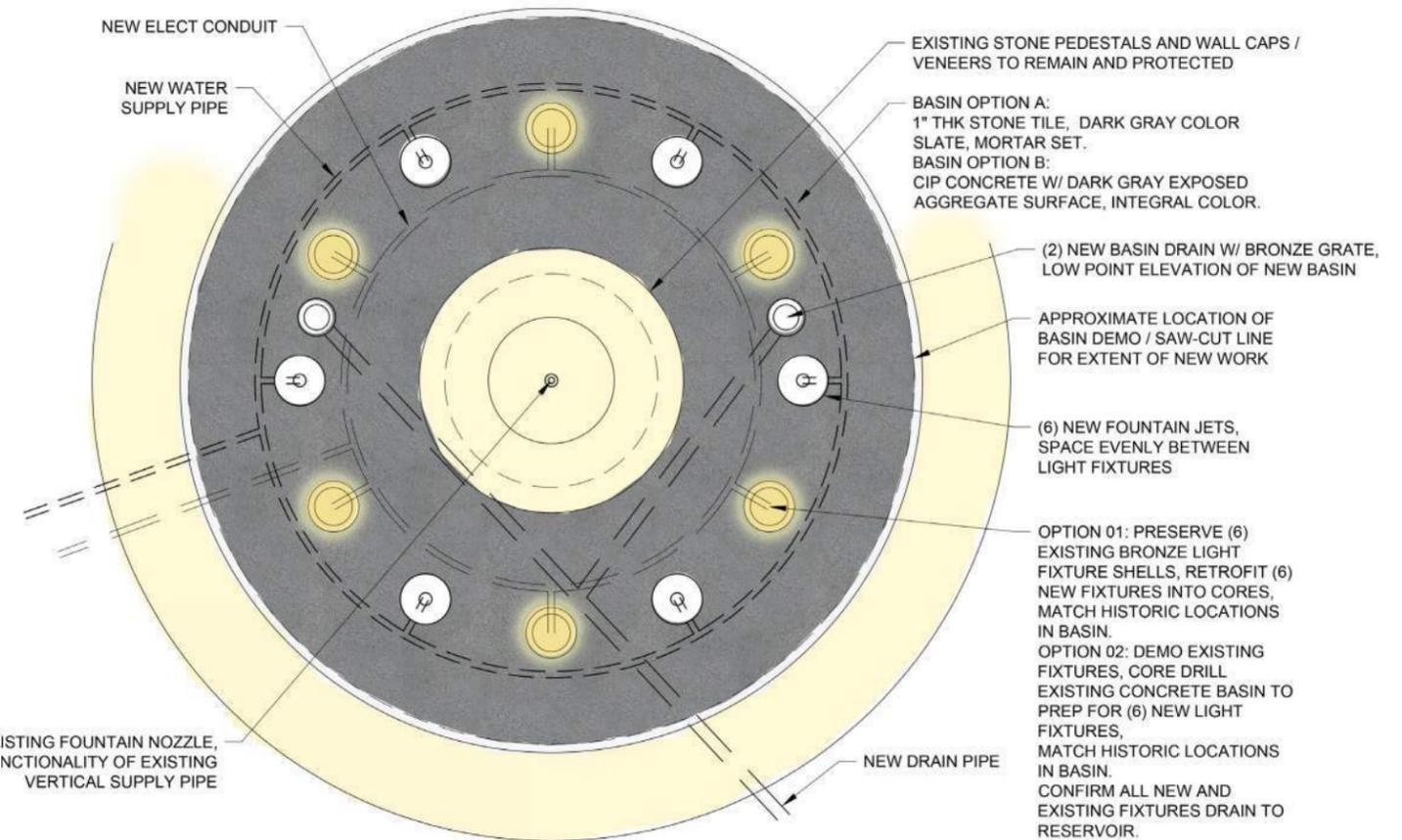


Section B - Basin and Linear Features

Universal Access + Elevated Memorial Plaza Changes

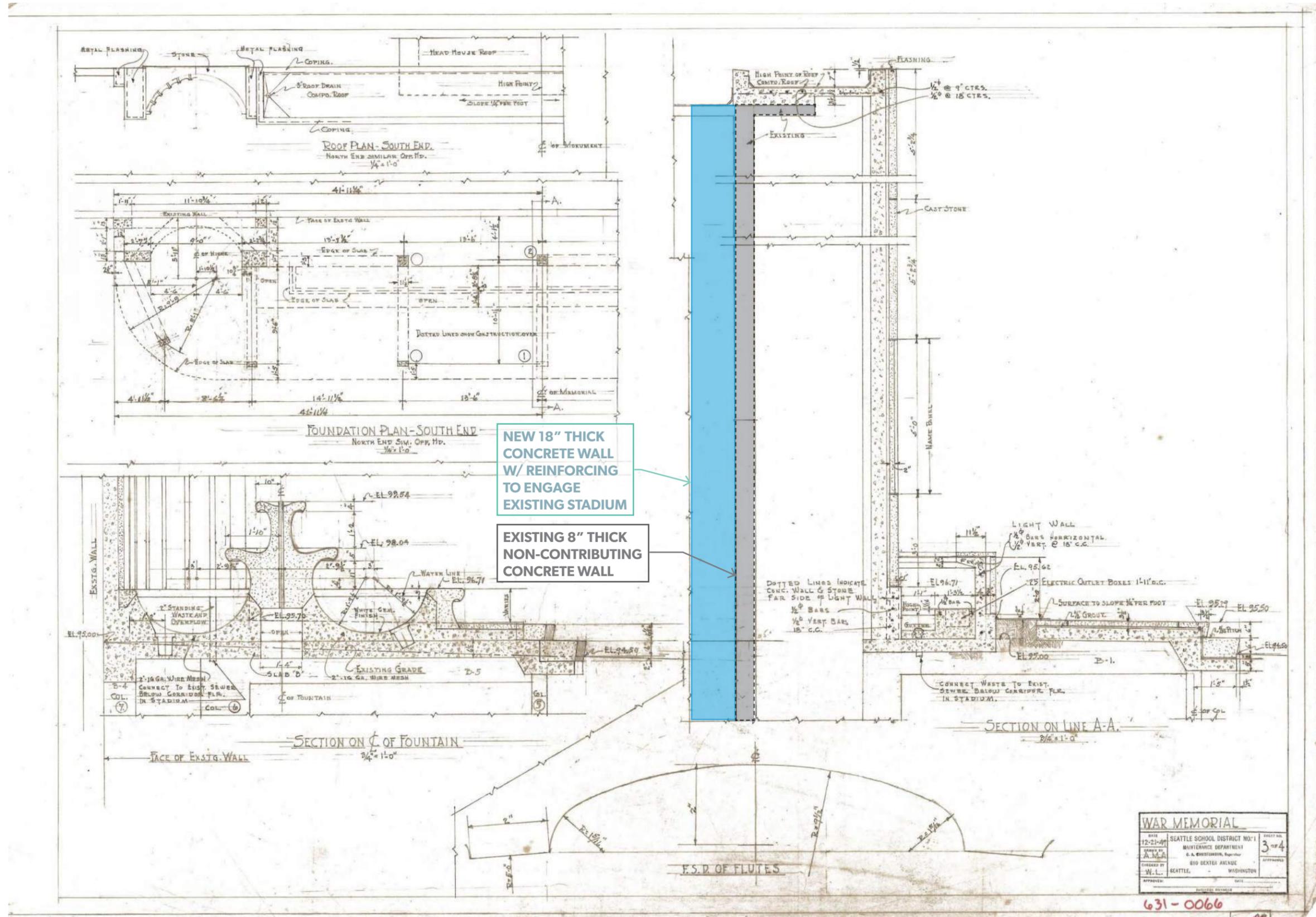


Section B (Enlarged) - Proposed Basin Condition

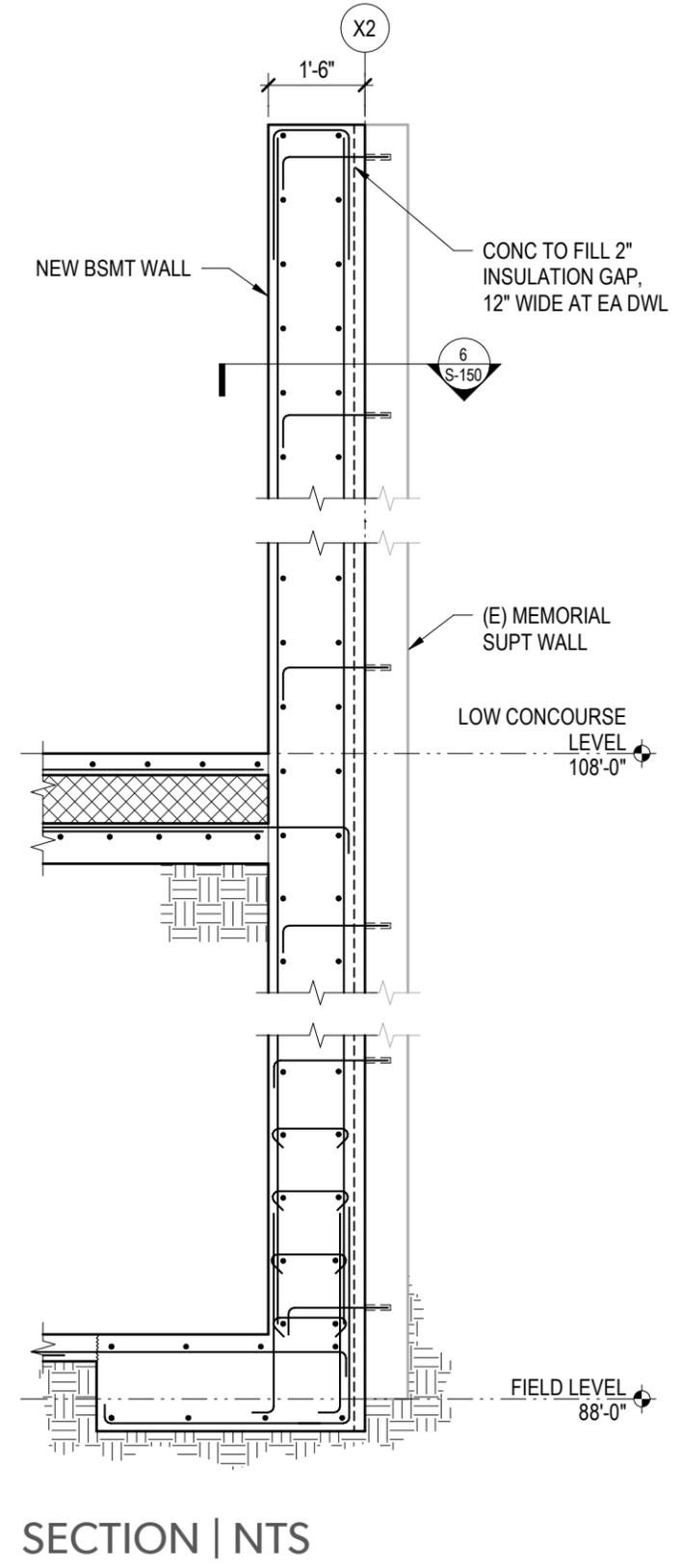
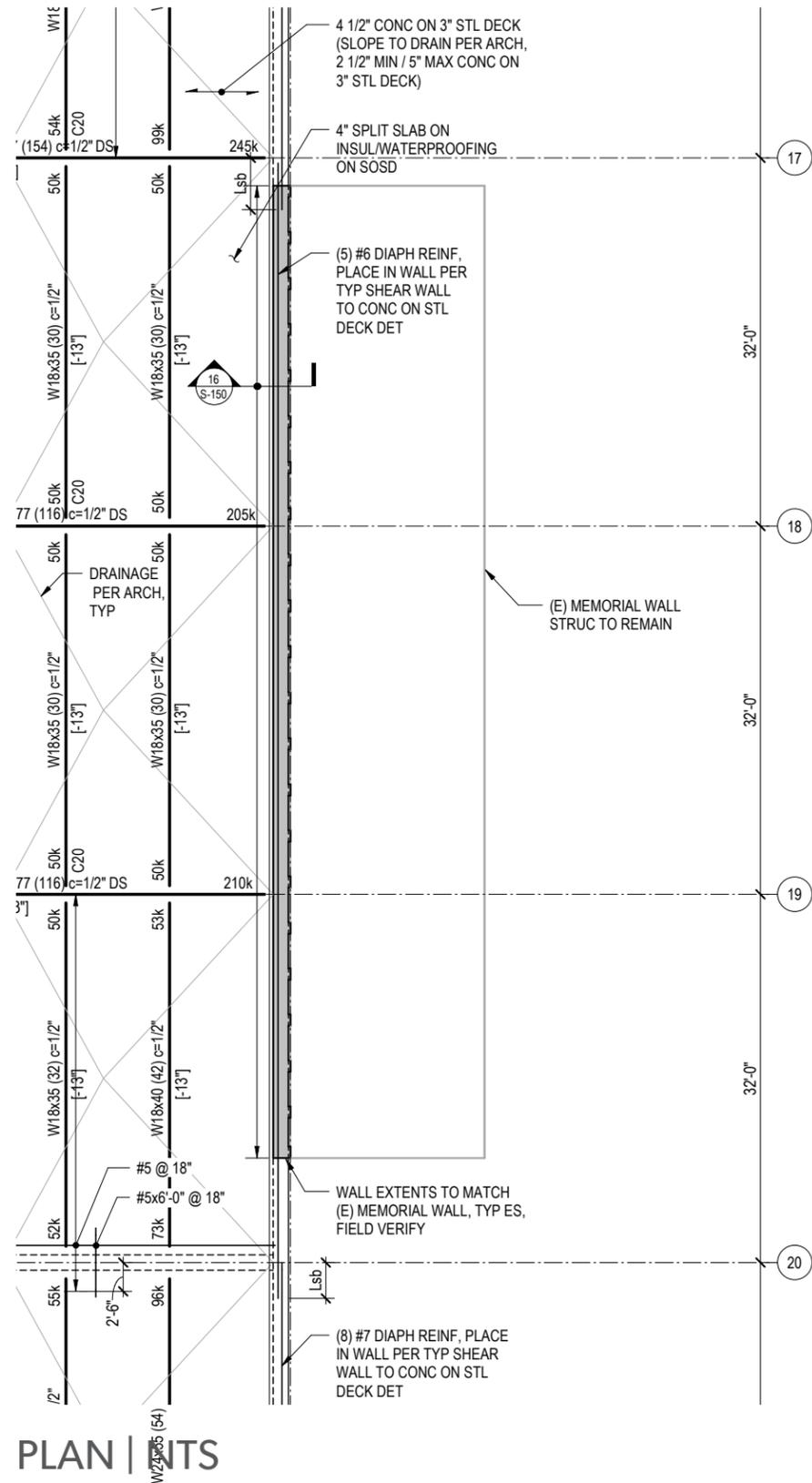


Plan - Proposed Basin Condition

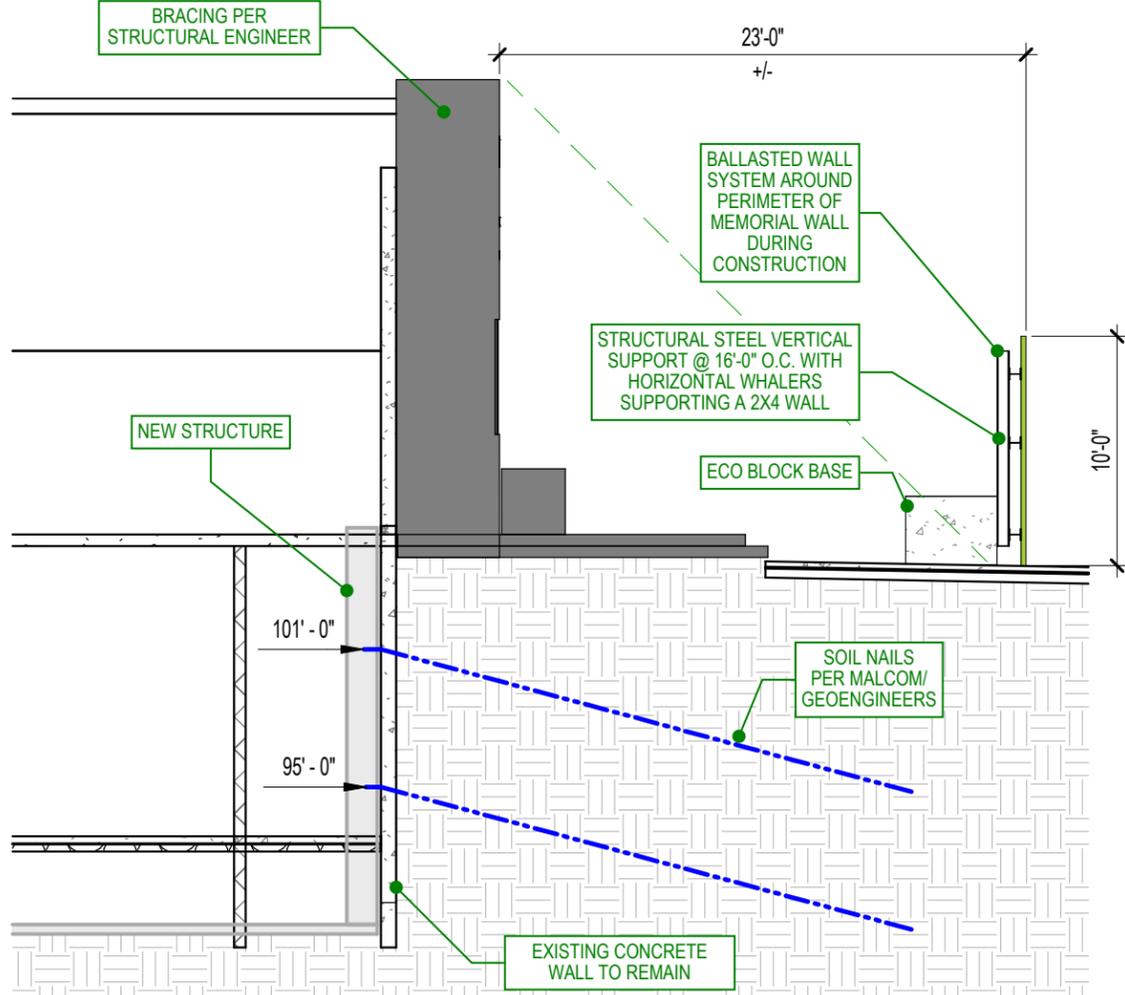
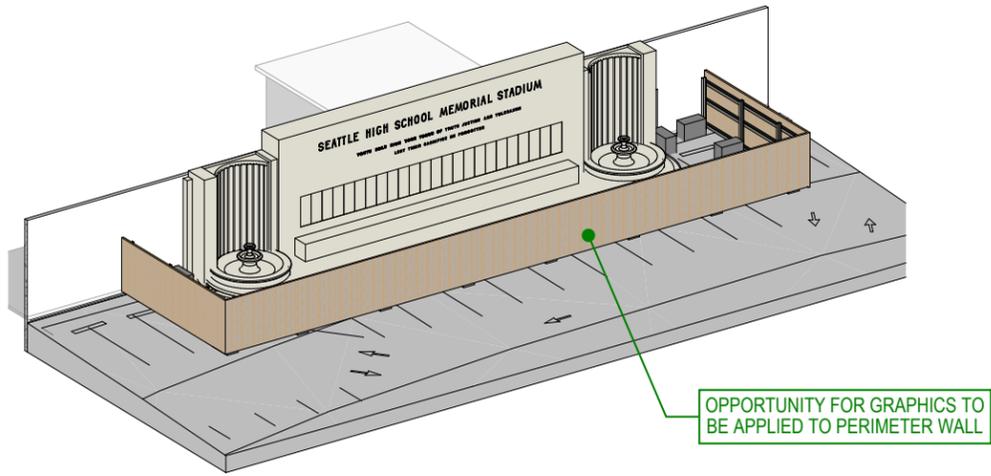
MEMORIAL WALL FINAL DESIGN



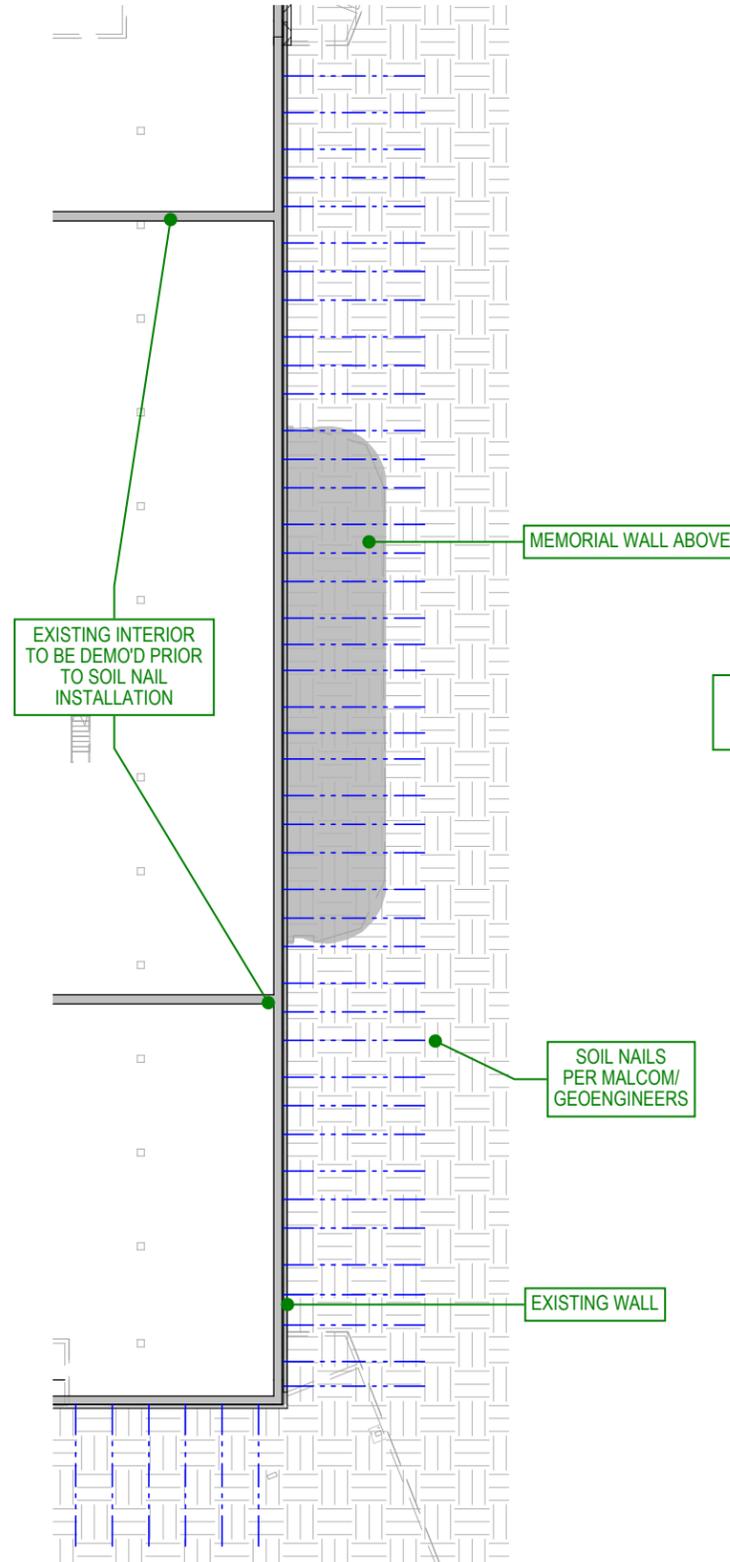
STRUCTURAL AND SYSTEM INTERVENTIONS | Proposed Memorial Wall Structural Section



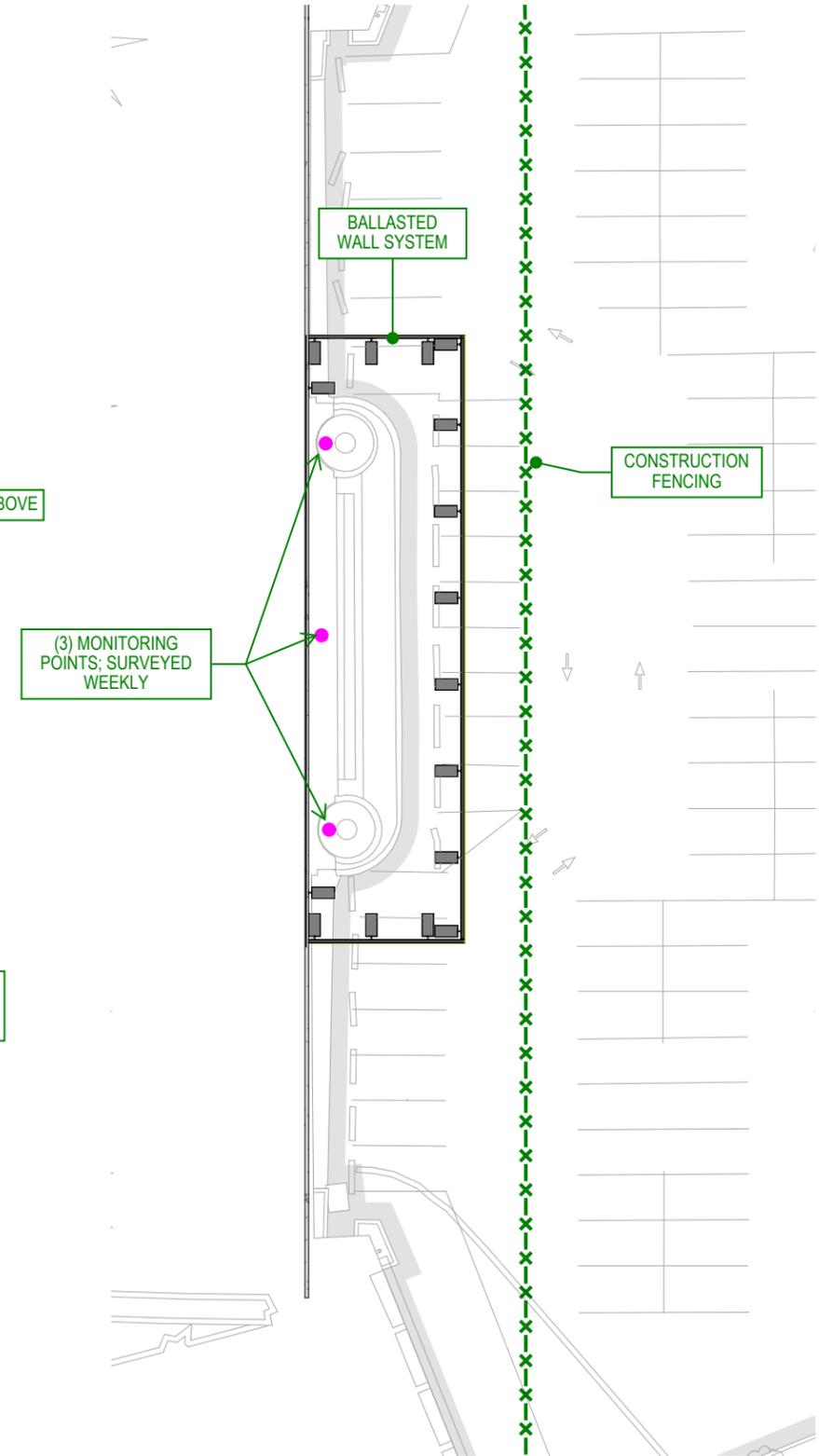
STRUCTURAL AND SYSTEM INTERVENTIONS | Proposed Memorial Wall Structural Section



1 **MEMORIAL WALL - SECTION**
1/8" = 1'-0"

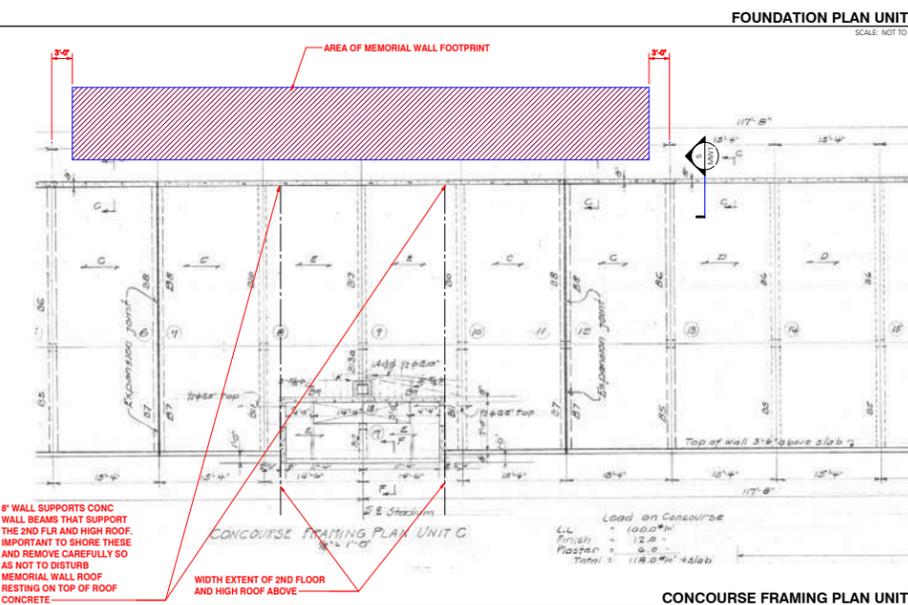
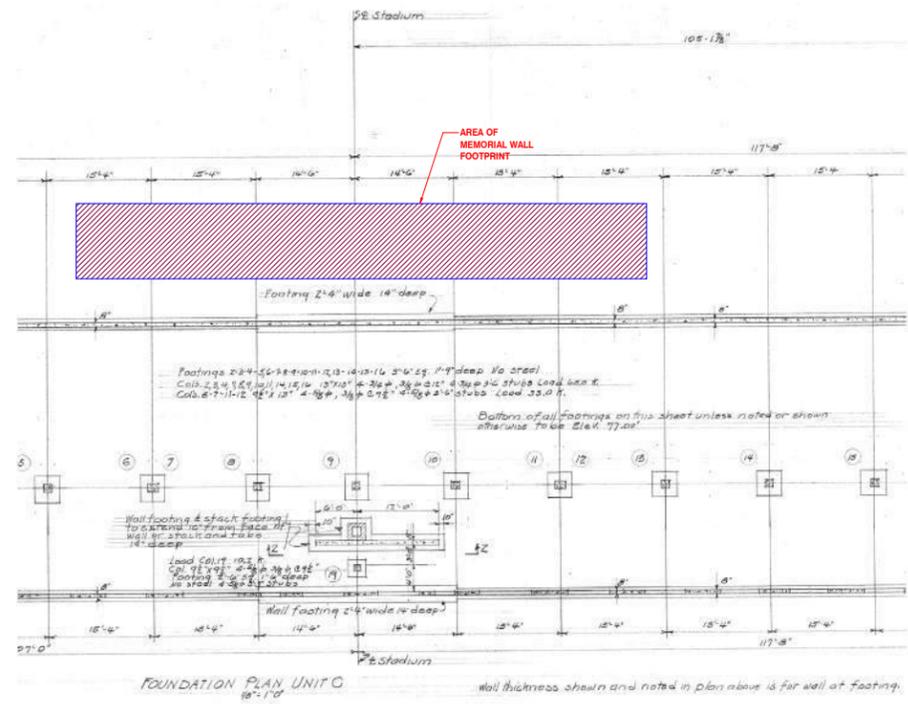


2 **FIELD LEVEL - MEMORIAL WALL**
1" = 30'-0"



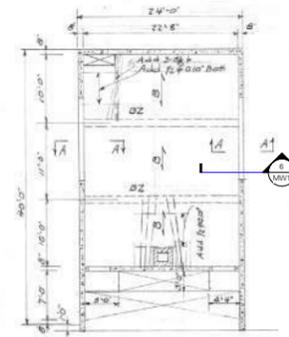
3 **CONCOURSE - MEMORIAL WALL**
1" = 30'-0"

STRUCTURAL AND SYSTEM INTERVENTIONS | Memorial Wall Temporary Structural Bracing

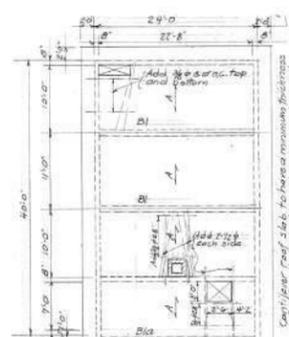


6" WALL SUPPORTS CONC WALL BEAMS THAT SUPPORT THE 2ND FLR AND HIGH ROOF. IMPORTANT TO SHORE THESE AND REMOVE CAREFULLY SO AS NOT TO DISTURB MEMORIAL WALL ROOF RESTING ON TOP OF ROOF CONCRETE

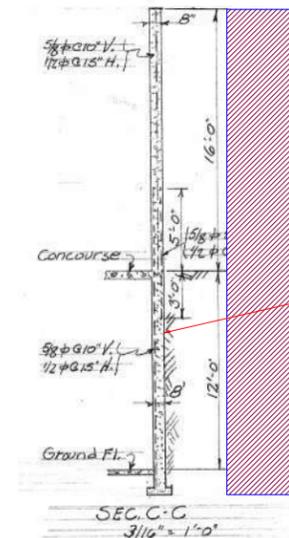
WIDTH EXTENT OF 2ND FLOOR AND HIGH ROOF ABOVE



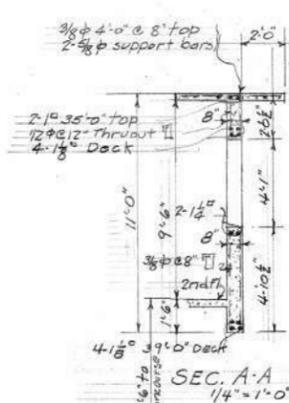
SECOND FLOOR FRAMING PLAN UNIT C



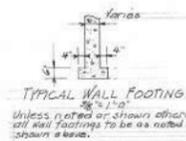
HIGH ROOF FRAMING PLAN UNIT C



5 SECTION C-C



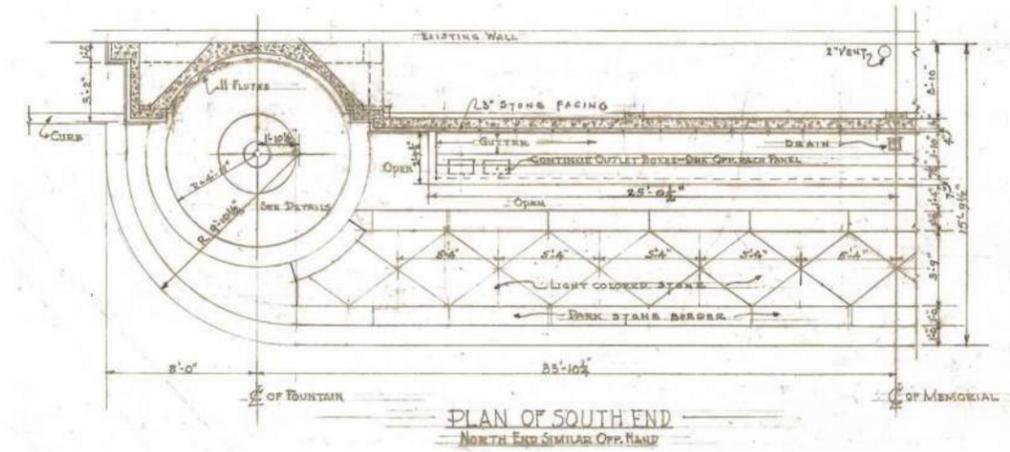
6 SECTION A-A



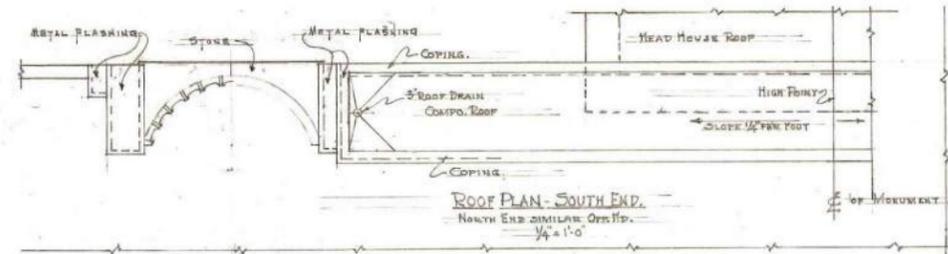
7 TYPICAL WALL FOOTING

GENERAL NOTES FOR ALL STRUCTURES
 All structural 20000psi Superduplex construction. Structural steel to be fireproofed with 2" of concrete. See details for reinforcement of fireproofing.
 Soil pressure 7000.0 psf
 FS reinforcing 20000psi Intermediate grade deformed bars supported on metal chairs or well cured concrete blocks and securely wired in place with #6 double annealed iron wire
 Fc = 9000psi Fc = 20000psi MIX 1-6 Five sacks of cement per cubic yard of concrete. Seven and one-half gallons of water per sack of cement.
 Superduplex construction.
 Main slab bars to have 1/2" of concrete cover, main beams & Col. bars 1/2", main footing bars 3/4" main wall bars 1" on open face, 2" on earth face.
 Unless noted or shown otherwise all walls to be reinforced as follows:
 6" walls to have 1/2" x 15" o.c. H & V.
 8" " " " 12" x 15" o.c. H & V each face
 10" " " " 12" x 15" o.c. H & V each face
 12" " " " 12" x 15" o.c. H & V each face
 Stub walls to supports with 1/2" x 2'-6" stubs 15" o.c. Lap wall bars 2'-0" where spliced.
 At least 2'-1/2" in bottom of all self-supporting walls.
 At least one bar over, under, at each side of opening and diagonally at each corner of each opening in walls with one layer of steel. Two bars in similar positions in walls with two layers of steel. Diagonal bars 4'-0" long.
 If openings are more than 6'-0" in each direction (horizontal & vertical) use 3/8" at side of diagonal, over, and under openings.
 Lap Col. bars where spliced 26 diam in tied Col. 32 diam. in Spiral Col. Min. lap 2'-0".
 Short hor. or vert. bars in small wall sections to be hooked or bent as stirrups or Col. ties.

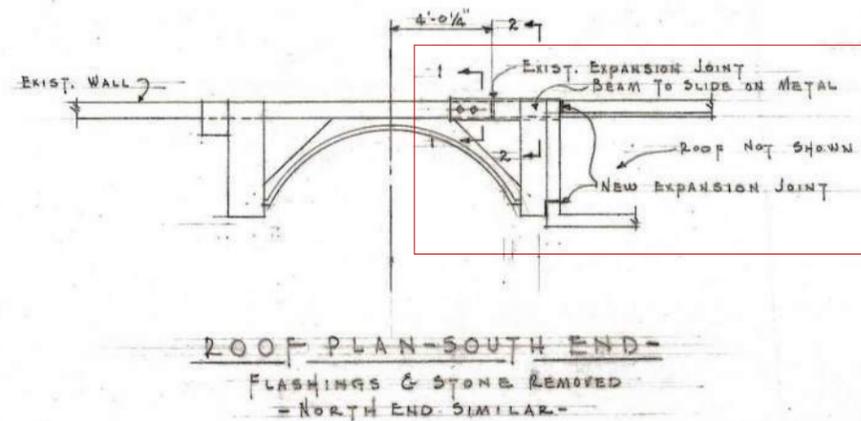
STRUCTURAL AND SYSTEM INTERVENTIONS | Memorial Wall Temporary Structural Bracing



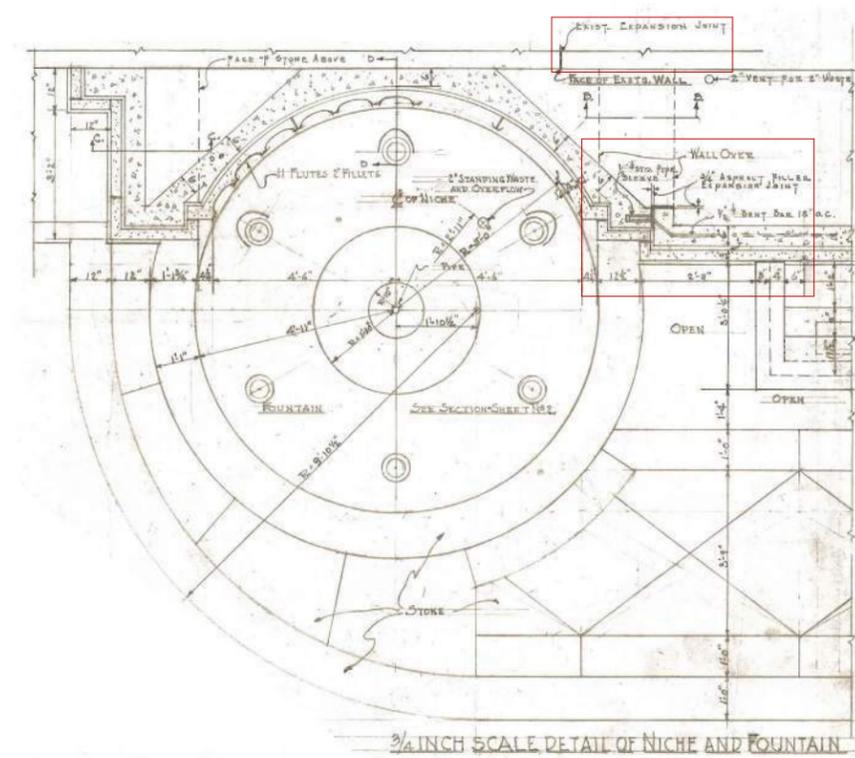
PLAN OF SOUTH END
SCALE: NOT TO SCALE



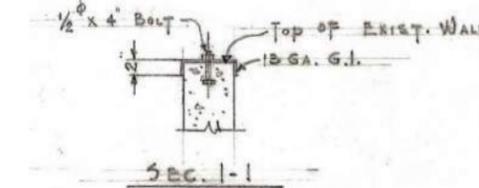
ROOF PLAN - SOUTH END
SCALE: NOT TO SCALE



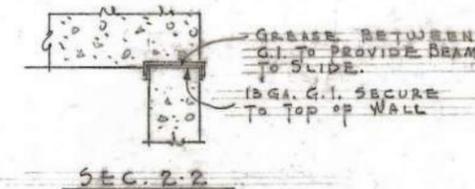
ROOF PLAN - SOUTH END
SCALE: NOT TO SCALE



Second Floor Structural Framing Plan
SCALE: NOT TO SCALE



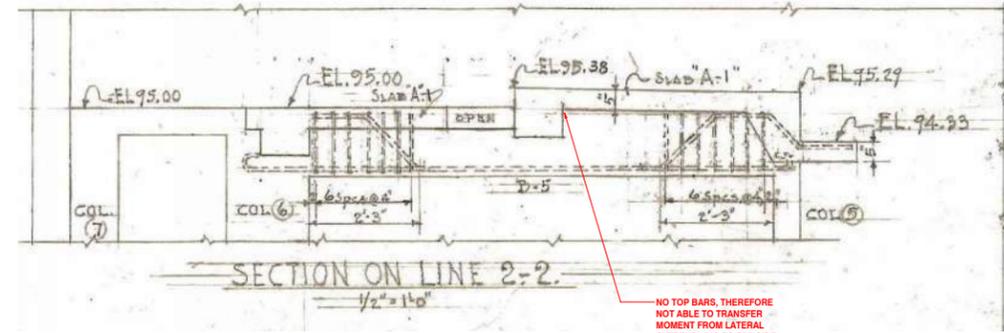
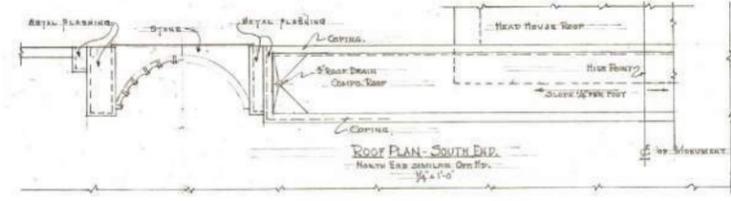
SECTION 1-1
SCALE: NOT TO SCALE



SECTION 2-2
SCALE: NOT TO SCALE

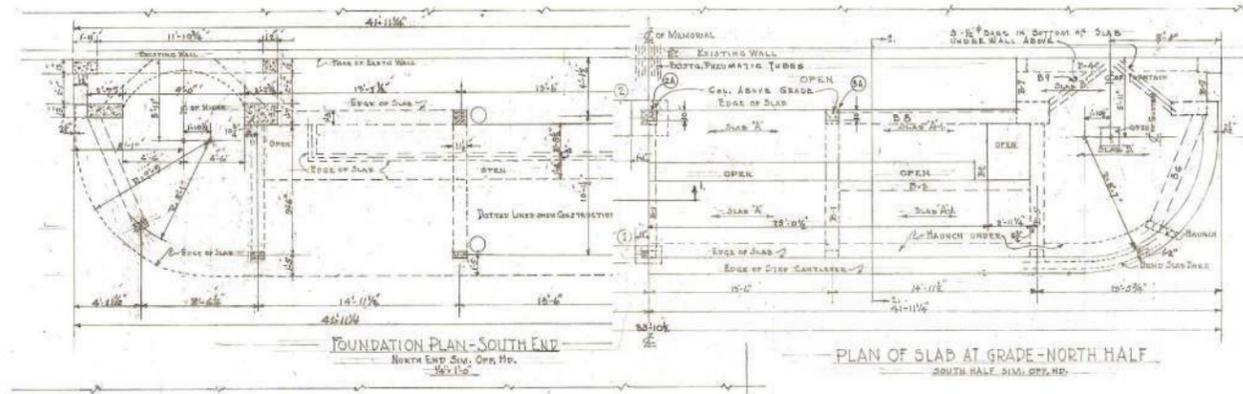
NOTE:
EXPANSION JOINTS EXIST AT EACH END OF THE FLAT SECTION OF WALL. EACH FOUNTAIN IS SEPARATE. THEREFORE, TREAT EACH OF THE THREE SECTIONS SEPARATELY.

STRUCTURAL AND SYSTEM INTERVENTIONS | Memorial Wall Temporary Structural Bracing



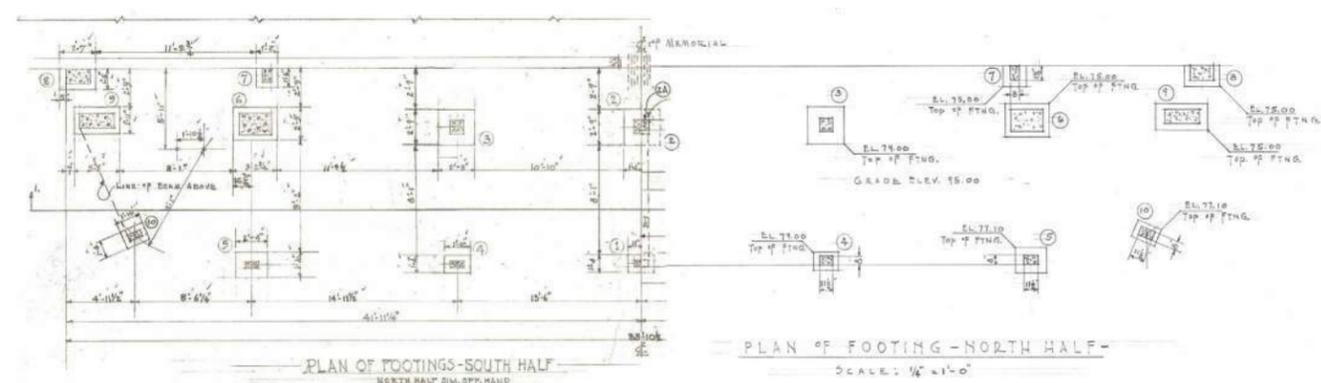
NO TOP BARS THEREFORE NOT ABLE TO TRANSFER MOMENT FROM LATERAL OVERTURNING TO FAR SIDE FOUNDATIONS IN ONE DIRECTION

ROOF PLAN - SOUTH END 4 SECTION ON LINE 2-2
SCALE: NOT TO SCALE



NOTE: THIS CHANGE IS FOR THE NORTH HALF OF THE MEMORIAL ONLY.

FOUNDATION PLAN - SOUTH END
SCALE: NOT TO SCALE

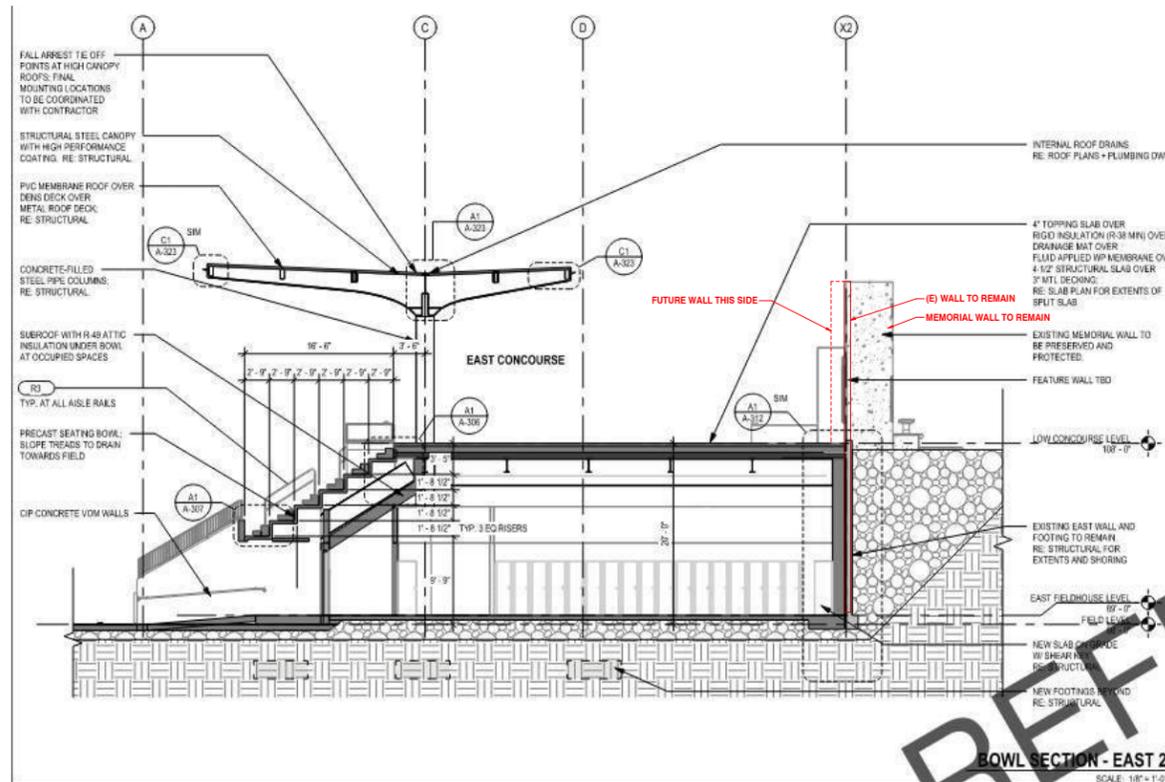


PLAN OF FOOTINGS - SOUTH HALF
SCALE: NOT TO SCALE

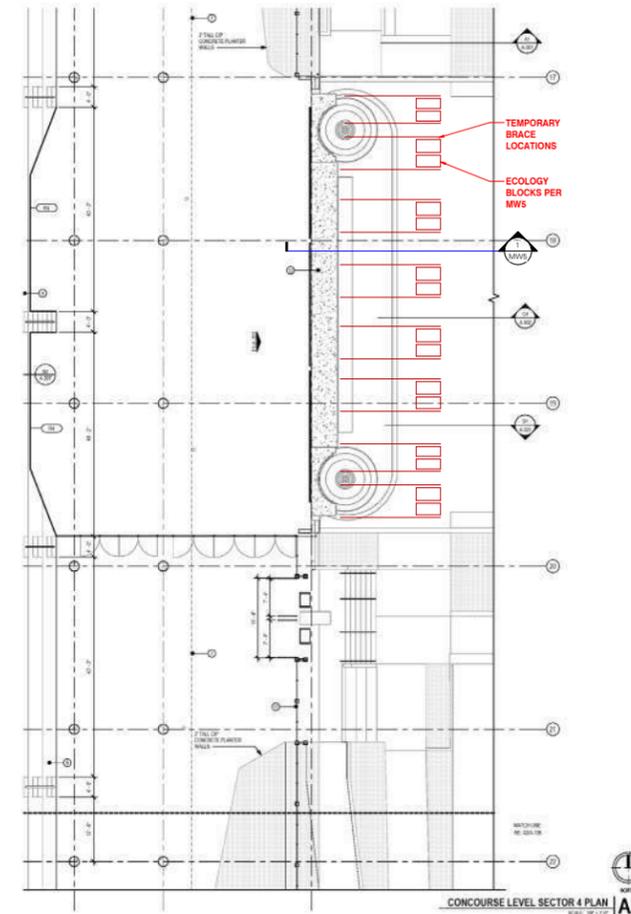
STRUCTURAL AND SYSTEM INTERVENTIONS | Memorial Wall Dwg's Showing Foundations, Grade Plan and Section at Beams



1 MEMORIAL WALL ELEVATION FOR REFERENCE
SCALE: NOT TO SCALE

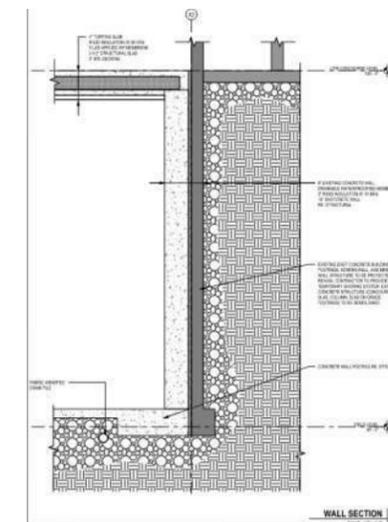


2 BOWL SECTION - EAST 2 FOR REFERENCE
SCALE: NOT TO SCALE



NOTE:
REFERENCE ARCH DRAWINGS A-134.

TEMPORARY BRACING PLAN
SCALE: NOT TO SCALE



4 WALL SECTION FOR REFERENCE
SCALE: NOT TO SCALE



Memorial Wall Condition Assessment and Recommended Preservation Treatments

Background Information:

The Memorial Wall was constructed in 1951 as part of the east facade of the Memorial Stadium, as a commemoration of Seattle Public Schools alumni who died in World War II. The wall is 176 feet long and 22 feet high, and is constructed of Indiana Limestone veneer panels over a concrete wall substrate. The limestone panels in the main central area have a smooth surface, with tight mortar joints and incised lettering. The lower central limestone panels are slightly recessed and have the incised names of the 762 individuals who are commemorated. There is a linear recess for lighting along the front of the wall. Semi-circular recessed areas at each end of the wall have vertically fluted stone panels which provide a backdrop for circular fountains.

Condition Assessment Summary:

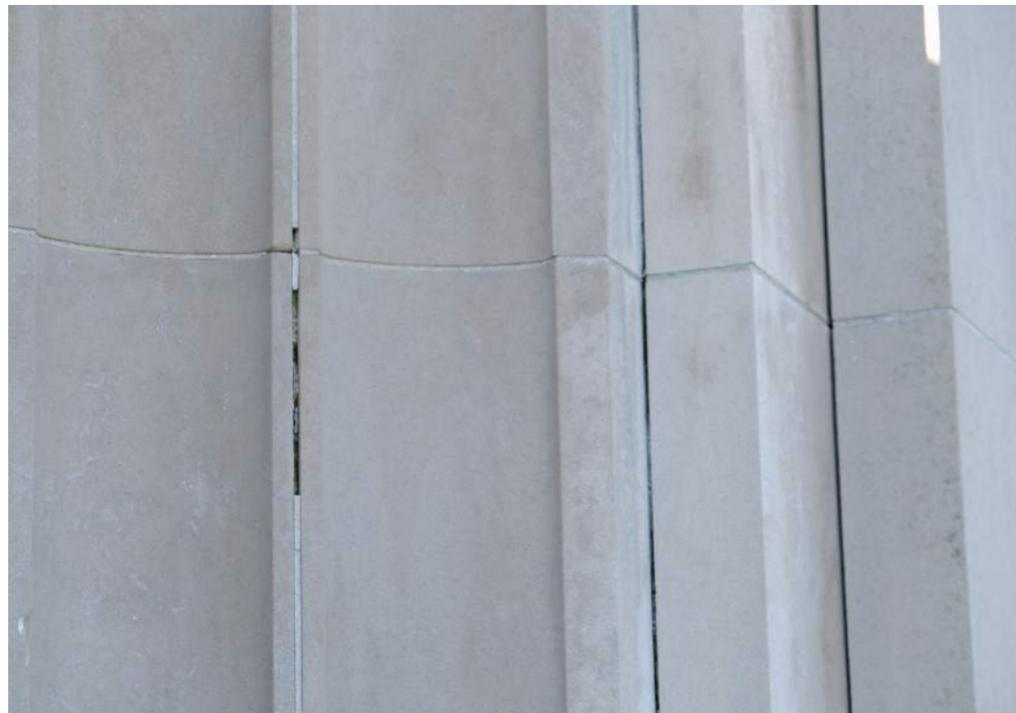
In general the Memorial Wall is in good condition considering its age and weather exposure. There is some mortar failure and areas of mortar loss, surface dirt and organic growth, and localized areas of surface damage (cracks and chips). Areas of previous graffiti removal and previous surface damage repair are evident. The water fountains and the recessed light fixtures are damaged and non-operable. The hedge in front is overgrown and obscures the lower portion of the memorial. These conditions and the recommended preservation treatments are shown on the following pages.



Areas of mortar loss, surface damage, and surface dirt



Mortar loss and organic growth at sky-facing mortar joints



Areas of mortar loss



Areas of mortar loss, surface dirt, and organic growth



Areas of mortar loss, surface damage, and organic growth



Surface damage with a previous repair patch that has failed



Areas of mortar loss, stone cracking, and surface dirt



Areas of mortar loss



Areas of surface damage, organic growth, and dirt



Areas of surface damage, organic growth, and dirt



Areas of mortar loss, surface dirt, organic growth at walking surface pavers



Areas of mortar loss and surface dirt

Recommended Preservation Scope and Methods:

1. Clean all surfaces of the stone

Specifications to comply with

NPS Preservation Brief 1 *Cleaning Treatments for Historic Masonry*

Recommended Cleaning Product: Atlas Preservation D2 Biological Solution

2. Remove existing mortar

Specifications to comply with

NPS Preservation Brief 2 *Repointing Mortar Joints in Historic Masonry*

Remove to a depth of at least twice the width of the mortar joint.

Use hand tools to avoid damage to stone

3. Repair cracks in stone

Use injection mortar technique.

Product: US Heritage Group; Dispersed Hydrated Lime Injection Mortar

4. Repair chips and damage

Use substitute stone repair for surface chips and damage larger than 1/4" depth and 1" across.

Product: Cathedral Stone Products; Sandstone (M70) Jahn,

custom color to match the Indiana Limestone

5. Install new mortar

Specifications to comply with

NPS Preservation Brief 2 *Repointing Mortar Joints in Historic Masonry*

Match existing joint tooling.

Product: US Heritage Group; Type O mortar, color matched

6. Install Graffiti resistant coating

Specifications to comply with

NPS Preservation Brief 8 *Removing Graffiti from Historic Masonry*

Product: water based, vapor permeable, sacrificial graffiti-control coating

7. Repair the water fountains and replace the light fixtures to restore operability

8. Remove and replace the hedge to restore visibility and access to the wall.



MEMORIAL WALL

TEMPORARARY PROTECTION AND STRUCTURAL SUPPORT

PROJECT GOALS / OBJECTIVES

- Preserve, protect and honor existing Memorial Wall.
- Protect and/OR repair wall, site, water features, lighting fixtures and conduit.
- Improve surroundings in such a manner as to increase the presence of the Memorial Wall.
- Create a spatial buffer between the Memorial Wall and surrounding parking to honor Memorial Wall and provide place for viewing and veterans events.
- Improve universal accessibility and safe access for veterans, SPS visitors and public.

PRELIMINARY SITE PROGRAM

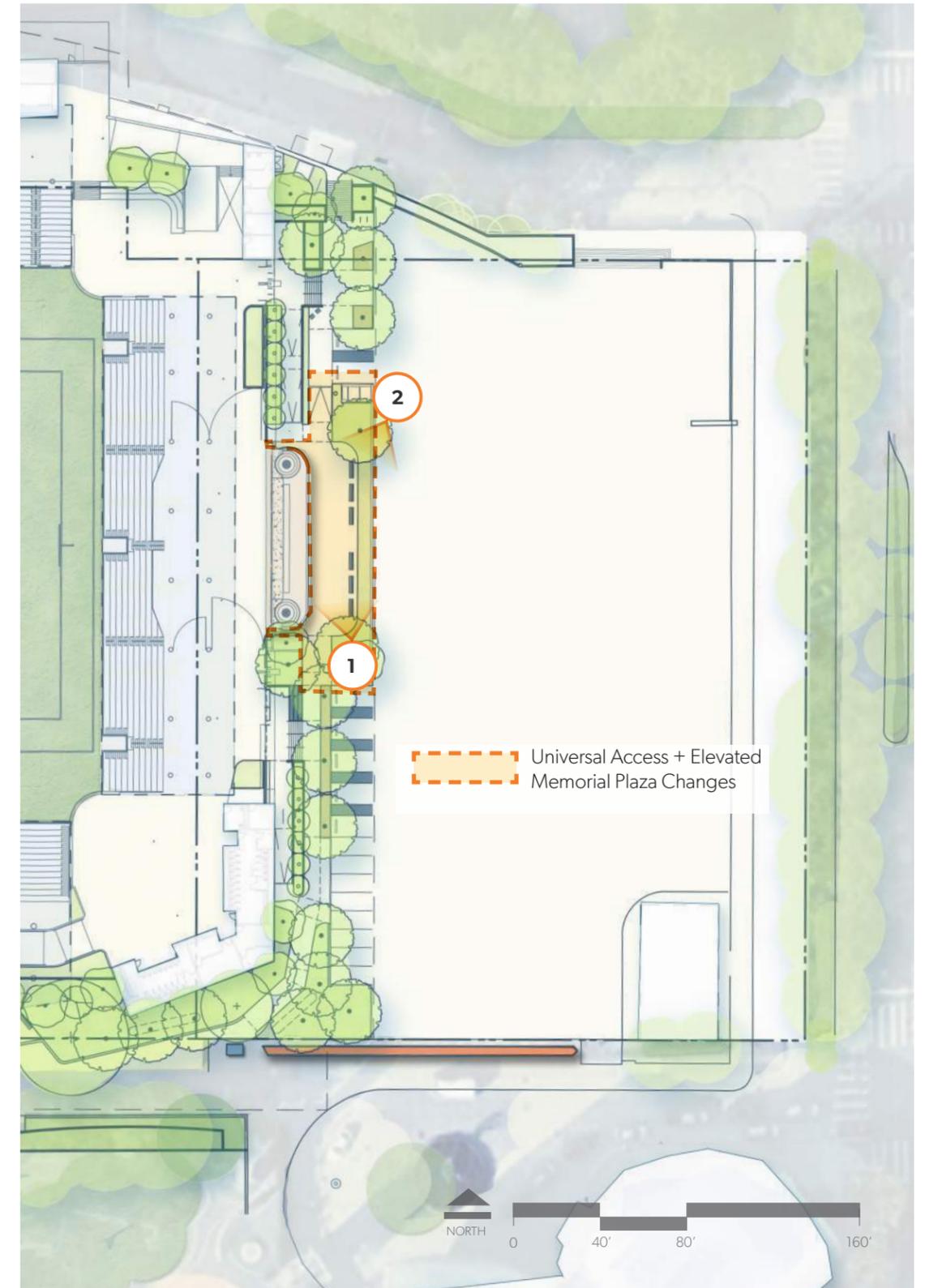
- Increase memorial zone and provide public gathering area.
- Provide pedestrian and universal access.
- Create separation of pedestrian and vehicular activity.



Existing View Looking North - Proposed Impact Zone



Rendered View Looking South West

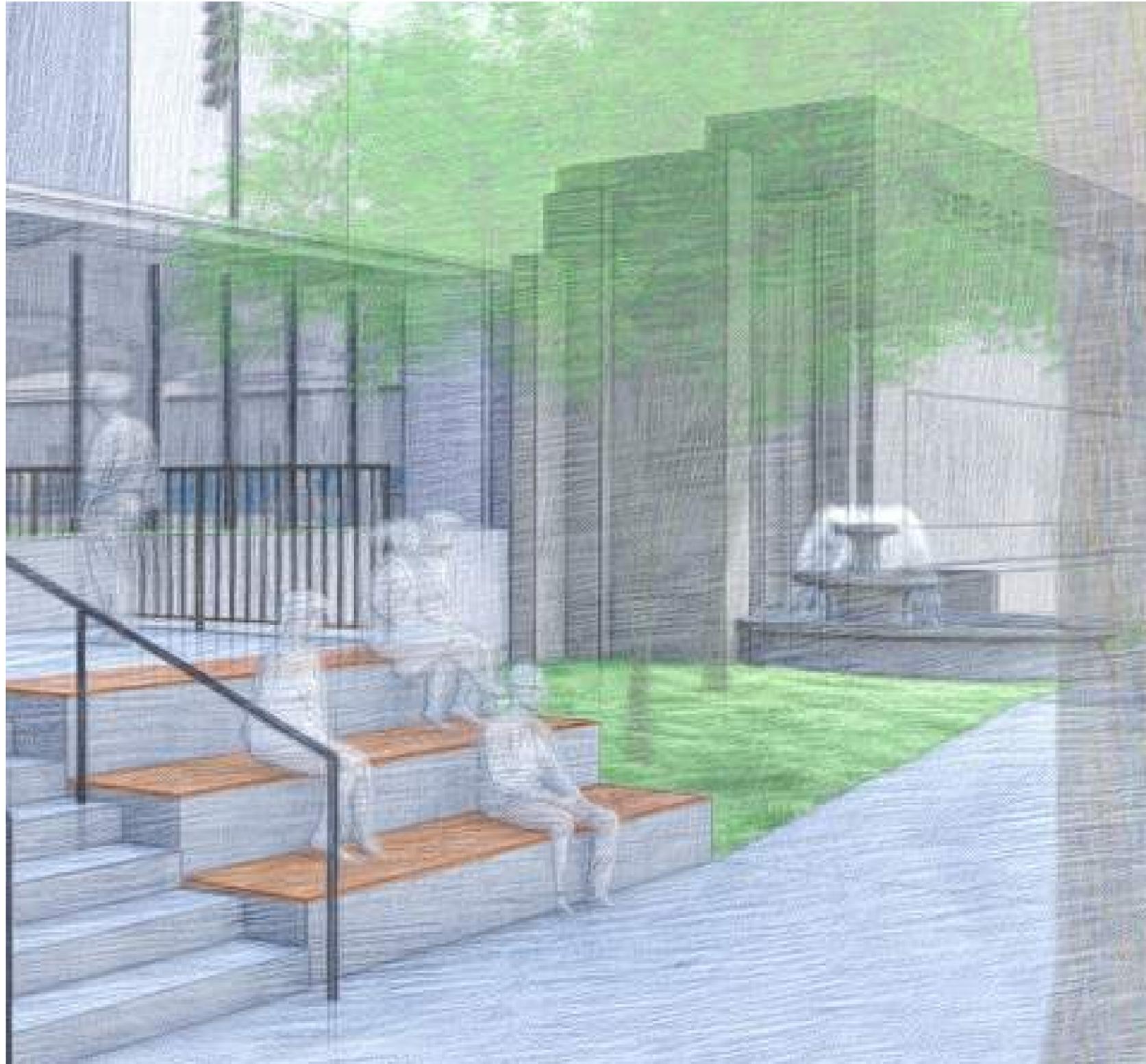




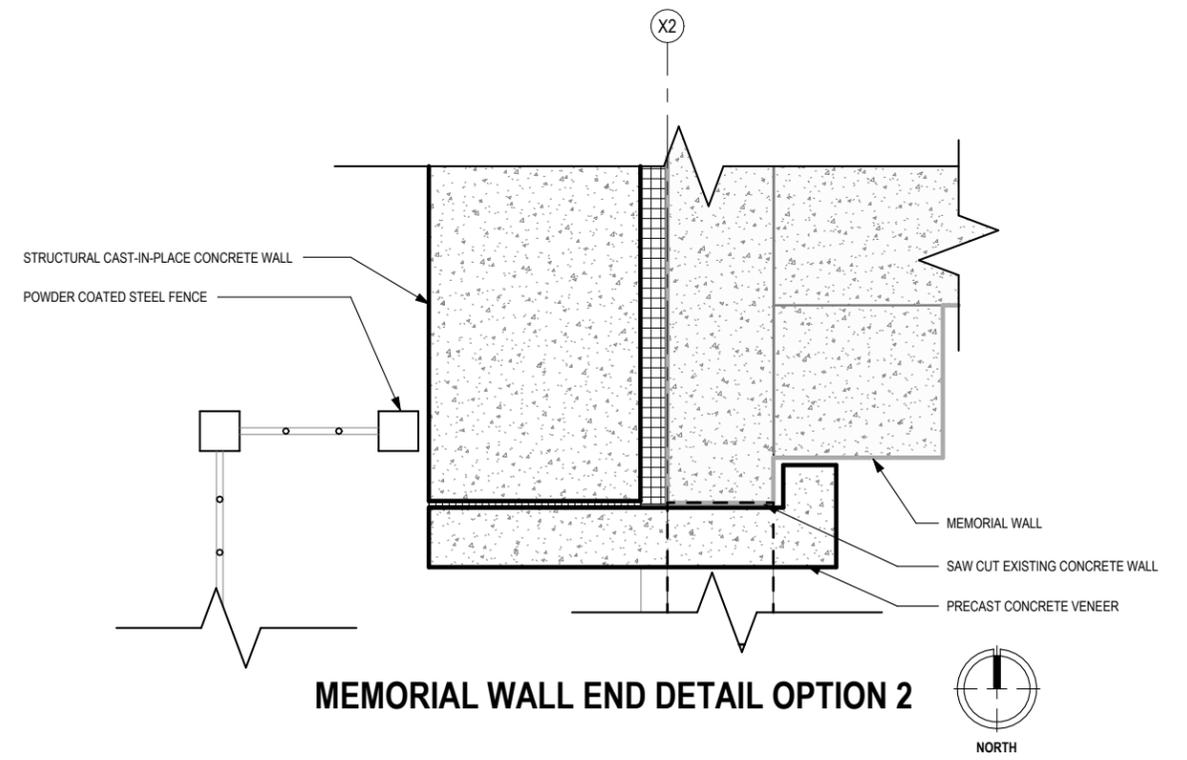
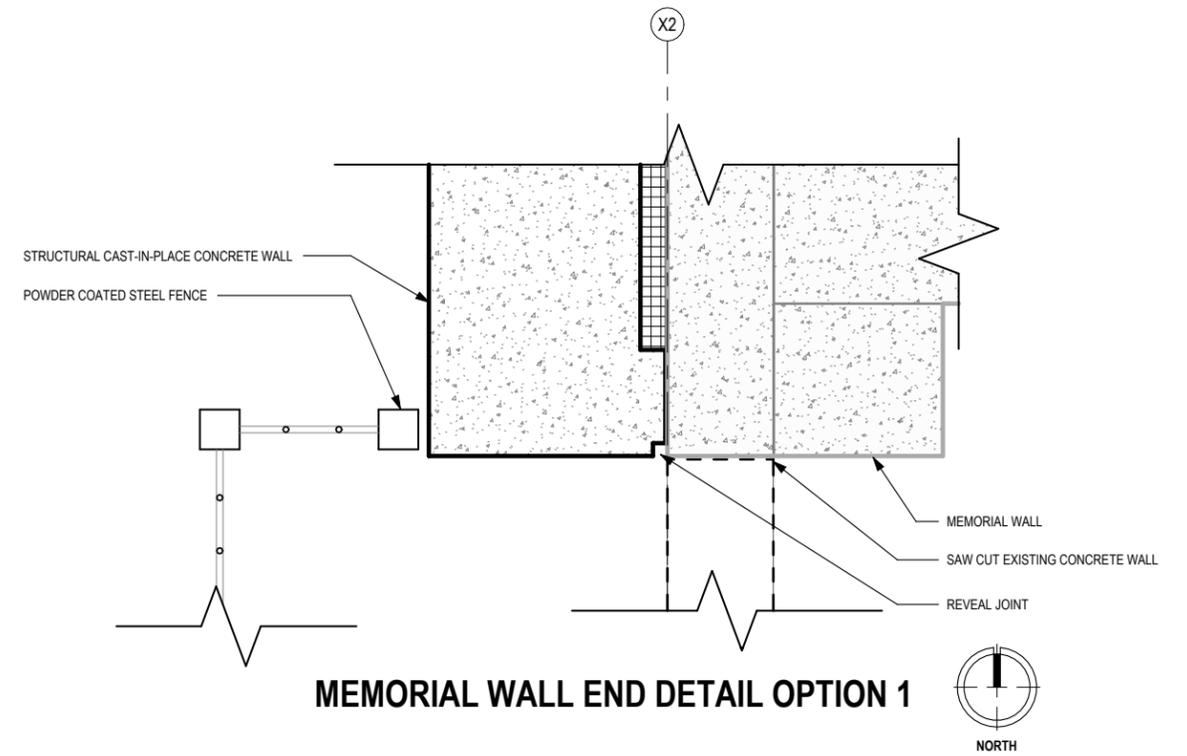
Rendered View Looking West



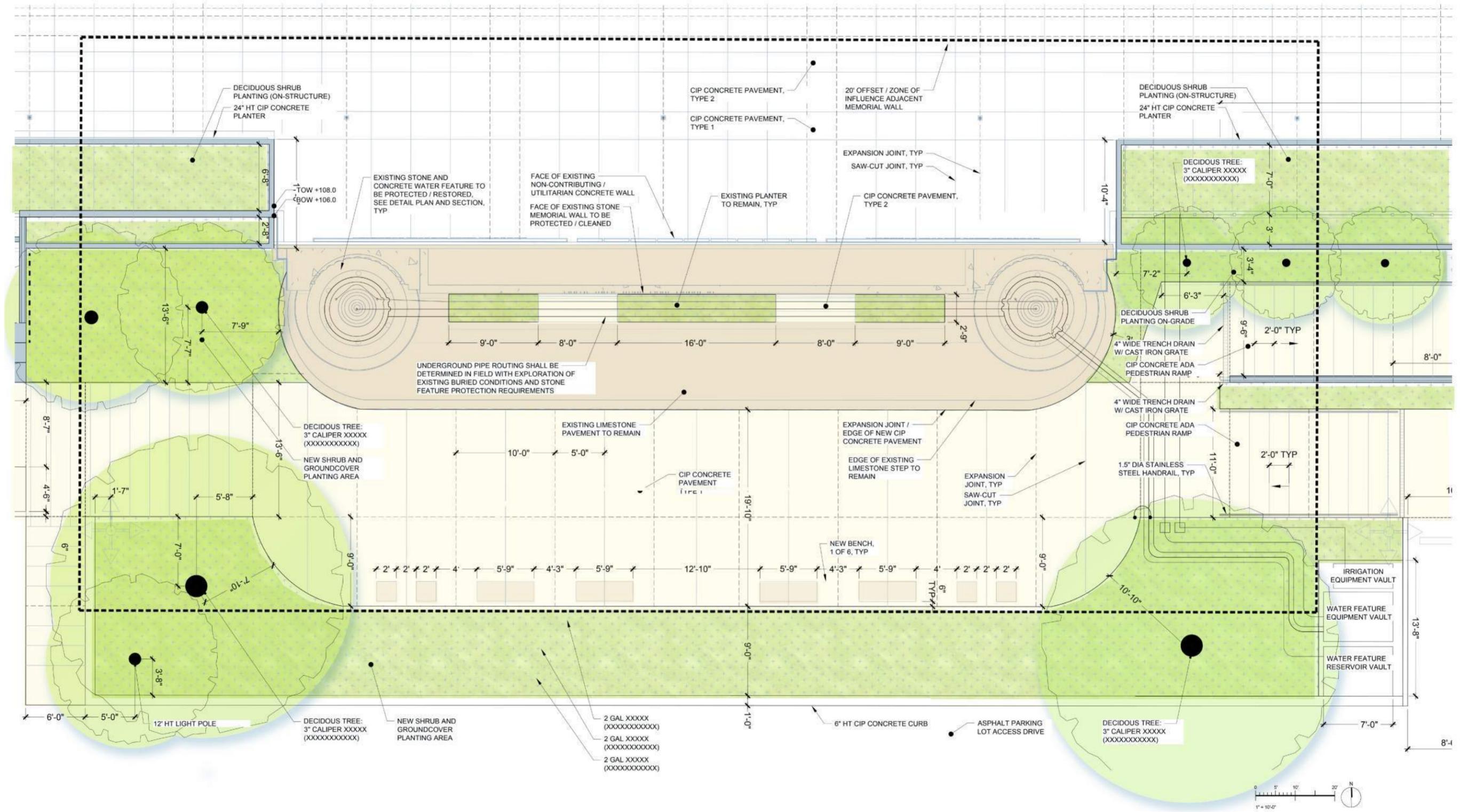
Rendered View Looking West



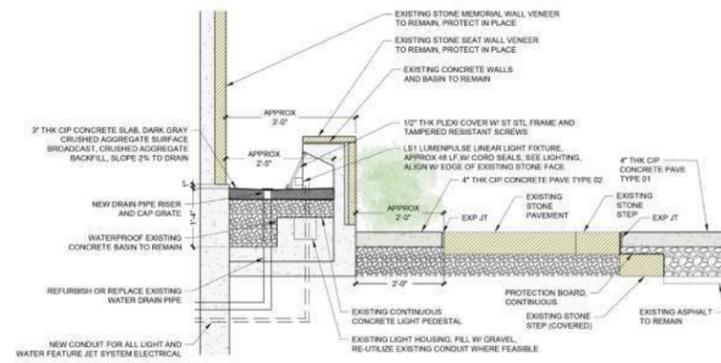
Rendered View Looking Northwest



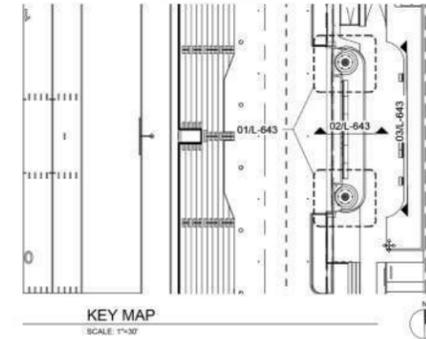
DESIGN INTERVENTION | Memorial Plan Final Design



DESIGN INTERVENTION | Memorial Section Final Design



01 LIGHT CHANNEL ENLARGED DETAIL
SCALE: 3/4" = 1'-0"



GENERAL WATER FEATURE NOTES - BASIS OF DESIGN

WATER FEATURE IMPROVEMENT SHALL CONSIST OF THE FOLLOWING FEATURES ON (2) BOTH ENDS OF THE MEMORIAL WALL:
CENTRAL SPOUT RESTORATION:

1. CLEAN AND REFURBISH OR REPLACE THE EXISTING VERTICAL PIPE AND BRONZE FITTING TO PROVIDE A 6'-0" HEIGHT WATER DISPLAY AT THE TOP OF THE EXISTING UPPER BASIN.

LOWER BASIN JETS:

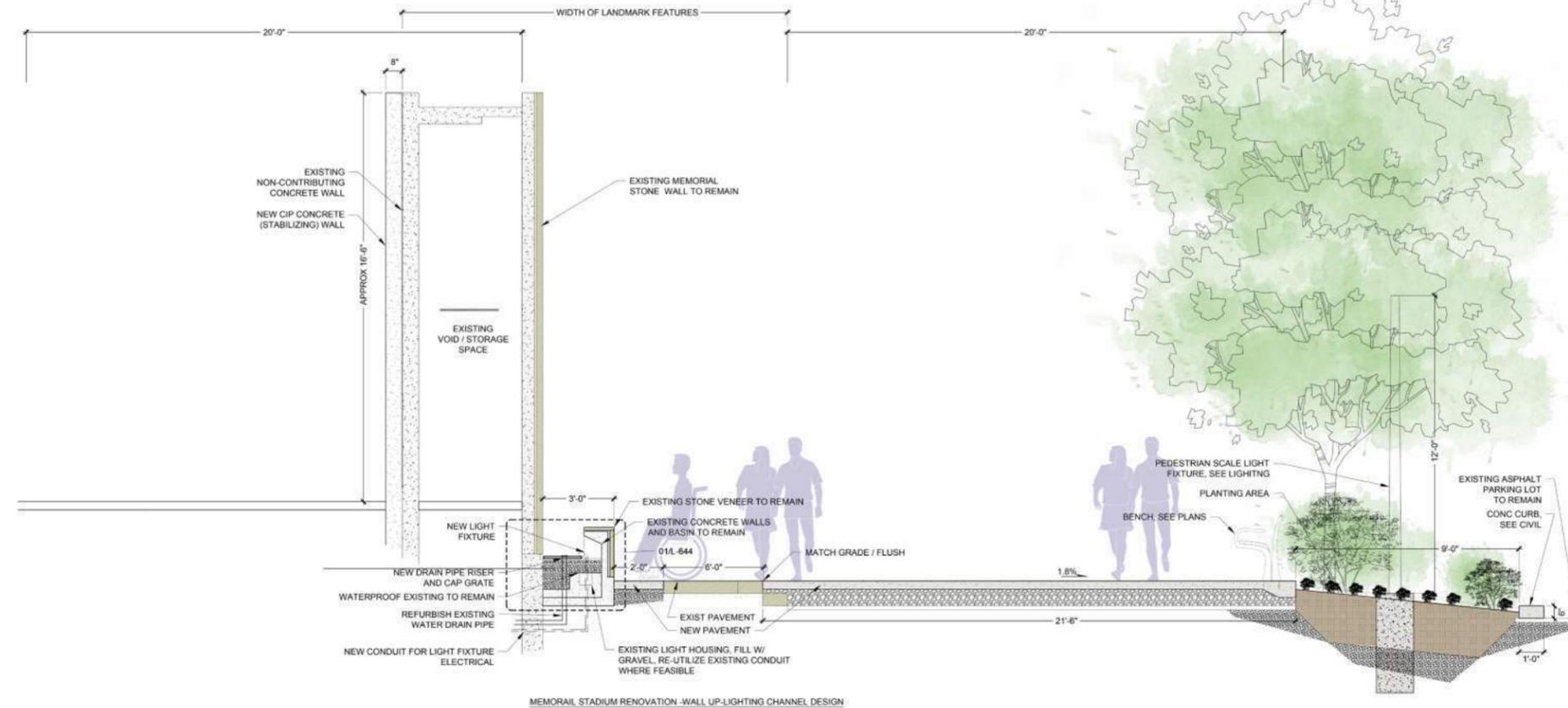
1. PROVIDE (8) DISPLAY JETS, PIPE, AND ASSOCIATED FITTINGS TO PROVIDE A 6'-0" HEIGHT WATER DISPLAY AT THE BOTTOM OF THE EXISTING LOWER BASIN. EXPOSED FIXTURES AND FITTINGS SHALL BE BRONZE, OR STAINLESS STEEL.
2. ALL EXPOSED FITTINGS SHALL BE LOW-PROFILE AND TAMPER-RESISTANT.
3. PROVIDE 2" DIA DRAIN PIPE WITHIN EACH LIGHT FIXTURE HOUSING AND CONNECT TO RESERVOIR VIA GRAVITY SYSTEM. FINAL ROUTE SHALL BE FIELD VERIFIED BY SYSTEM DESIGN-INSTALLER.

GENERAL NOTES:

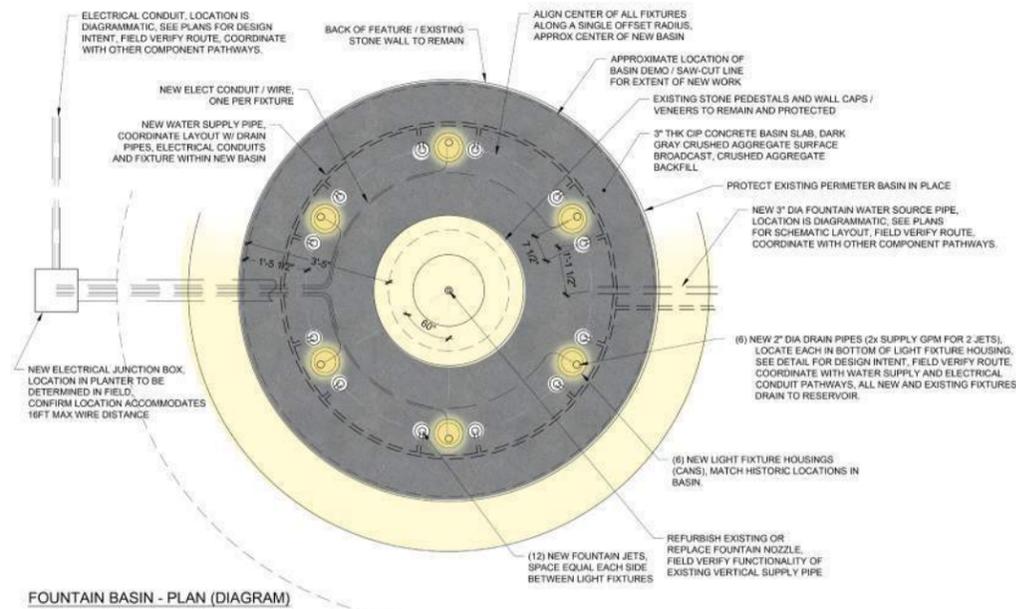
1. PROVIDE CLEAN-OUT OUTSIDE EACH BOWL FEATURE WITH BRONZE GRILLE AND TAMPER-RESISTANT SCREW ATTACHMENT TO FLANGE.
2. SYSTEM SHALL BE DESIGNED TO RUN CONTINUOUSLY AND RE-CIRCULATE WITH A MAXIMUM WATER DEPTH IN THE BASIN OF 3". DURING OPERATION.
3. BASIN SHALL COMPLETELY DRAIN USING GRAVITY INTO RESERVOIR TANK IF DISPLAY JETS ARE NOT IN OPERATION.
4. RESERVOIR TANK SHALL BE LOCATED AND ORIENTATED PER PLANS. CHANGES TO SIZE AND LOCATION REQUIRE REVIEW AND APPROVAL WITH LANDSCAPE ARCHITECT.
5. COORDINATE ALL WATER SUPPLY PIPE, DRAIN PIPE, AND ELECTRICAL CONDUIT AS ILLUSTRATED IN PLANS TO AVOID CONFLICTS WITH TREE INSTALLATION AND FUTURE ROOT ZONES. UTILIZE PVC SLEEVES TO PROVIDE ADDITIONAL PROTECTION OF UNDERGROUND ELEMENTS WITHIN FUTURE TREE ROOT ZONE.
6. INSTALL ROOT BARRIER ALONG ALL UNDERGROUND ELEMENTS WITHIN 10 FEET OF PROPOSED TREES.

CODE COMPLIANCE:

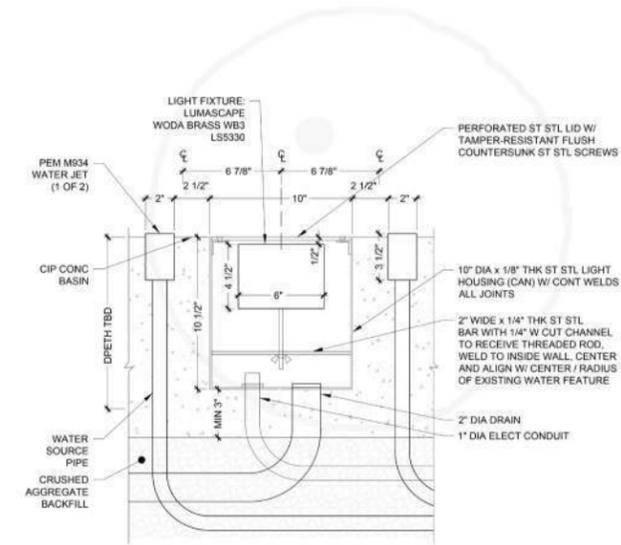
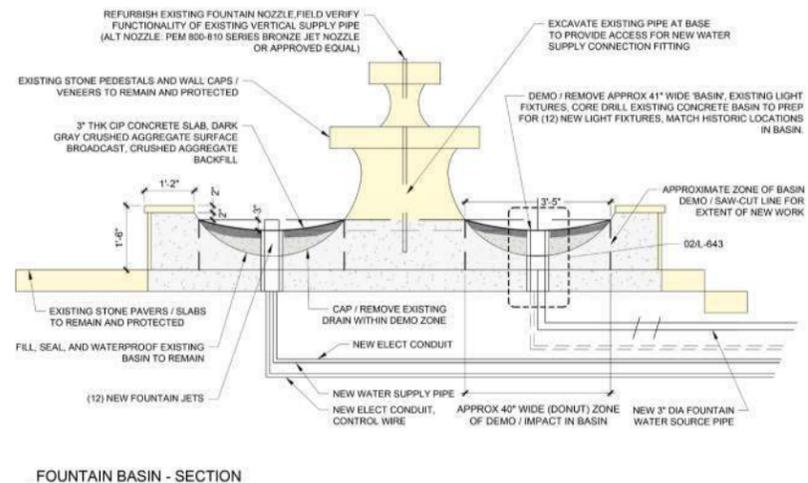
1. ALL NEW AND REFURBISHED SYSTEM COMPONENTS SHALL MEET CURRENT PLUMBING AND ELECTRICAL CODES.



02 LINEAR LIGHT AND WATER FEATURE - SECTION
SCALE: 1/2" = 1'-0"

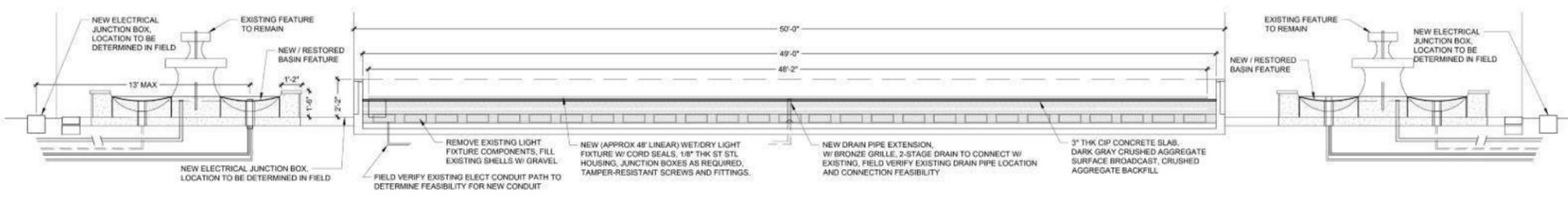


- GENERAL WATER FEATURE NOTES - BASIS OF DESIGN:**
- WATER FEATURE IMPROVEMENT SHALL CONSIST OF THE FOLLOWING FEATURES ON (2) BOTH ENDS OF THE MEMORIAL WALL:
- CENTRAL SPOUT RESTORATION:**
- CLEAN AND REFURBISH OR REPLACE THE EXISTING VERTICAL PIPE AND BRONZE FITTING TO PROVIDE A 6'-0" HEIGHT WATER DISPLAY AT THE TOP OF THE EXISTING UPPER BASIN.
- LOWER BASIN JETS:**
- PROVIDE (6) DISPLAY JETS, PIPE, AND ASSOCIATED FITTINGS TO PROVIDE A 6'-0" HEIGHT WATER DISPLAY AT THE BOTTOM OF THE EXISTING LOWER BASIN. EXPOSED FIXTURES AND FITTINGS SHALL BE BRONZE, OR STAINLESS STEEL.
 - ALL EXPOSED FITTINGS SHALL BE LOW-PROFILE AND TAMPER-RESISTANT.
 - PROVIDE 2" DIA DRAIN PIPE WITHIN EACH LIGHT FIXTURE HOUSING AND CONNECT TO RESERVOIR VIA GRAVITY SYSTEM. FINAL ROUTE SHALL BE FIELD VERIFIED BY SYSTEM DESIGN-INSTALLER.
- GENERAL NOTES:**
- PROVIDE CLEAN-OUT OUTSIDE EACH BOWL FEATURE WITH BRONZE GRILLE AND TAMPER-RESISTANT SCREW ATTACHMENT TO FLANGE.
 - SYSTEM SHALL BE DESIGNED TO RUN CONTINUOUSLY AND RE-CIRCULATE WITH A MAXIMUM WATER DEPTH IN THE BASIN OF 3" DURING OPERATION.
 - BASIN SHALL COMPLETELY DRAIN USING GRAVITY INTO RESERVOIR TANK IF DISPLAY JETS ARE NOT IN OPERATION.
 - RESERVOIR TANK SHALL BE LOCATED AND ORIENTATED PER PLANS, CHANGES TO SIZE AND LOCATION REQUIRE REVIEW AND APPROVAL WITH LANDSCAPE ARCHITECT.
 - COORDINATE ALL WATER SUPPLY PIPE, DRAIN PIPE, AND ELECTRICAL CONDUIT AS ILLUSTRATED IN PLANS TO AVOID CONFLICTS WITH TREE INSTALLATION AND FUTURE ROOT ZONES. UTILIZE PVC SLEEVES TO PROVIDE ADDITIONAL PROTECTION OF UNDERGROUND ELEMENTS WITHIN FUTURE TREE ROOT ZONE.
 - INSTALL ROOT BARRIER ALONG ALL UNDERGROUND ELEMENTS WITHIN 10 FEET OF PROPOSED TREES.
- CODE COMPLIANCE:**
- ALL NEW AND REFURBISHED SYSTEM COMPONENTS SHALL MEET CURRENT PLUMBING AND ELECTRICAL CODES.



01 FOUNTAIN BASIN RENOVATION
SCALE: 3/4" = 1'-0"

02 WATER FEATURE JETS/ LIGHT CAN
SCALE: 3" = 1'-0"



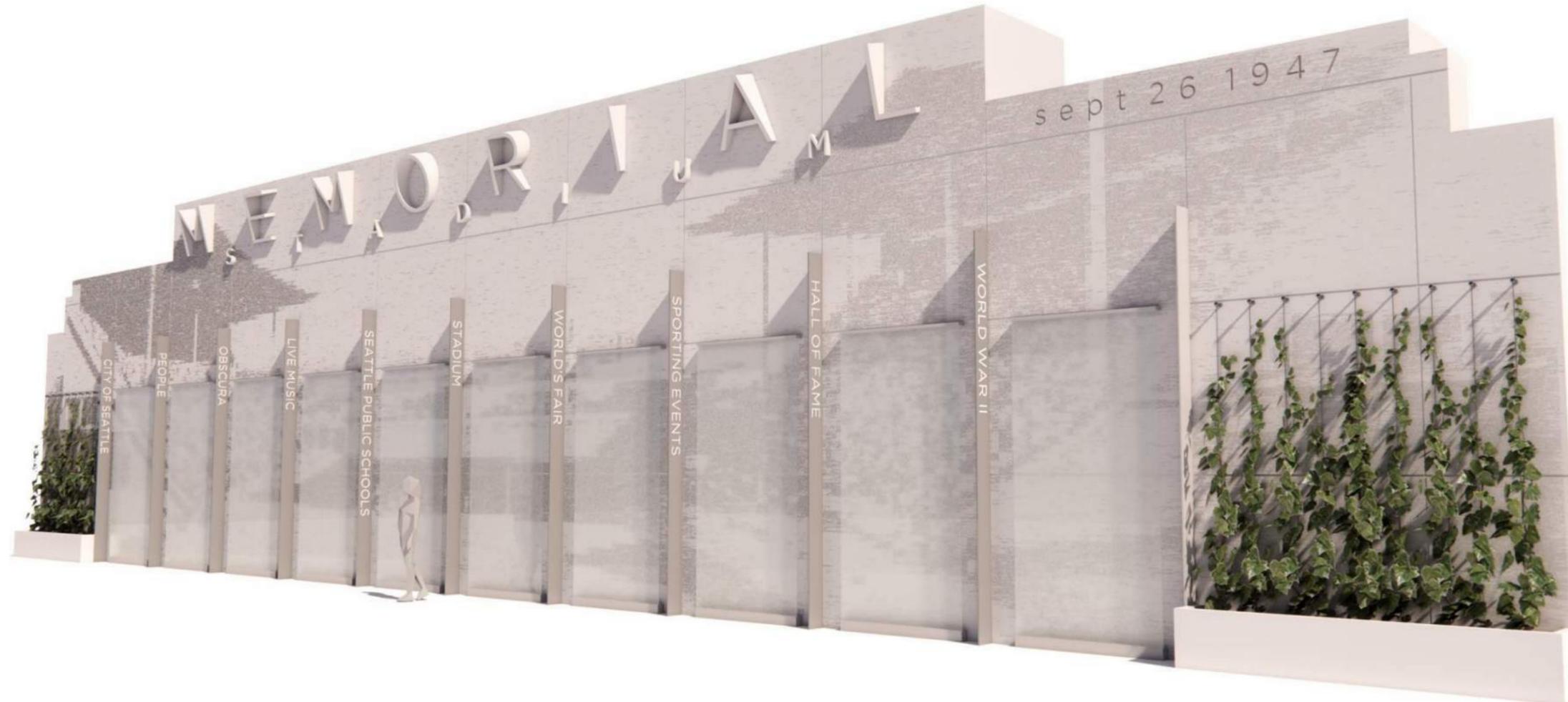
03 LINEAR BASIN AND FEATURES - ELEVATION
SCALE: 1/2" = 1'-0"

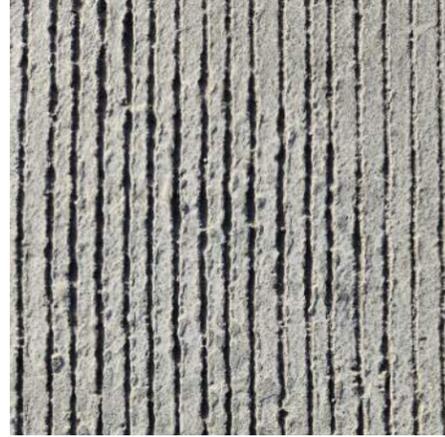
MEMORIAL WALL | Non-Contributing Wall - West Facing Facade



Celebrate the history and culture of Memorial Stadium and Seattle Public Schools. Create opportunities to continue expanding and updating as time passes.

- City of Seattle
- Seattle Public Schools
- People
- Live Music
- Historic Moments
- World's Fair
- Hall of Fame
- Origins
- Obscura







MUSKOGEE CREPE MYRTLE



VENUS DOGWOOD



ALLEE(R) LACEBARK ELM



JAPANESE SNOWBELL



OREGON GRAPE



EVERGREEN HUCKLEBERRY



VARIEGATED EUONYMUS



DENSE YEW



SILVERVEIN CREEPER



BEACH STRAWBERRY



AUTUMN CROCUS



JEANNE D'ARC DUTCH CROCUS

