

Prefontaine Fountain

90% Design Presentation

Prepared For:



Seattle
Parks & Recreation

By:



PREFONTAINE FOUNTAIN & SURROUNDING OPEN SPACE REHABILITATION

PROJECT GOALS - RECAP

Prefontaine Fountain's existing condition is overcome with a variety of issues of violent crime, visibility and safety, creating a space that no longer facilitates itself as a public resource but as a public burden. The goals below outline the variables the project team is working to resolve, guiding design strategies that honor the past while implementing solutions to present day problems.

ADDRESS AGING INFRASTRUCTURE ISSUES

1. New plumbing services.

ADDRESS PUBLIC HEALTH & SAFETY ISSUES

2. Wall heights in combination with street slopes create hiding spots and lack of visibility.
3. Fountain bowl feature encourages garbage accumulation.
4. Fountain in its current position is most susceptible for vandalism and vagrancy.

CREATE A USER-FOCUSED PUBLIC OPEN SPACE

5. Existing structure blocks access through the site, causing users to avoid the area.
6. Re-establish community investment in the space.
7. Original turtles are broken and are not suitable vandal-resistant elements.
8. Opportunity for new commemorative plaque.
9. Three trees internal to the Prefontaine Place property are in poor health condition and must be removed. Opportunity for one new tree(TBD). Street trees to remain.



FOUNTAIN UPDATES - RECAP

CLEANING & REPAIR EVALUATION

Fountain cleaning and evaluation has been completed to identify where the cast stone is in need of repairs. At this time, no pieces needing in kind replacement have been identified.

PROPOSED RESTORATION WORK INCLUDES:

- Routing out 100% of the mortar joints on the pre-cast fountain to a depth of 3/4 of an inch.
- Flushing joints with water to remove all dust and debris.
- Tuck point 100% of mortar joints using Type N mortar. Mortar color, texture and tooling to match existing.
- Route out cracks in the pre-cast fountain to a width and depth of 1/4 inch minimum; install new patch.
- Square cut the perimeter of any spalls to a depth of 1/4 inch minimum and prep surface per Cathedral Stone Jahn repair mortar specification; install new patch.
- Lightly clean new tuck pointing using Prosoco Safety Klean.



Cleaned Fountain Back Wing Wall - North of Monument



Cleaned Fountain Back Wing Wall - South of Monument

FOUNTAIN UPDATES - RECAP

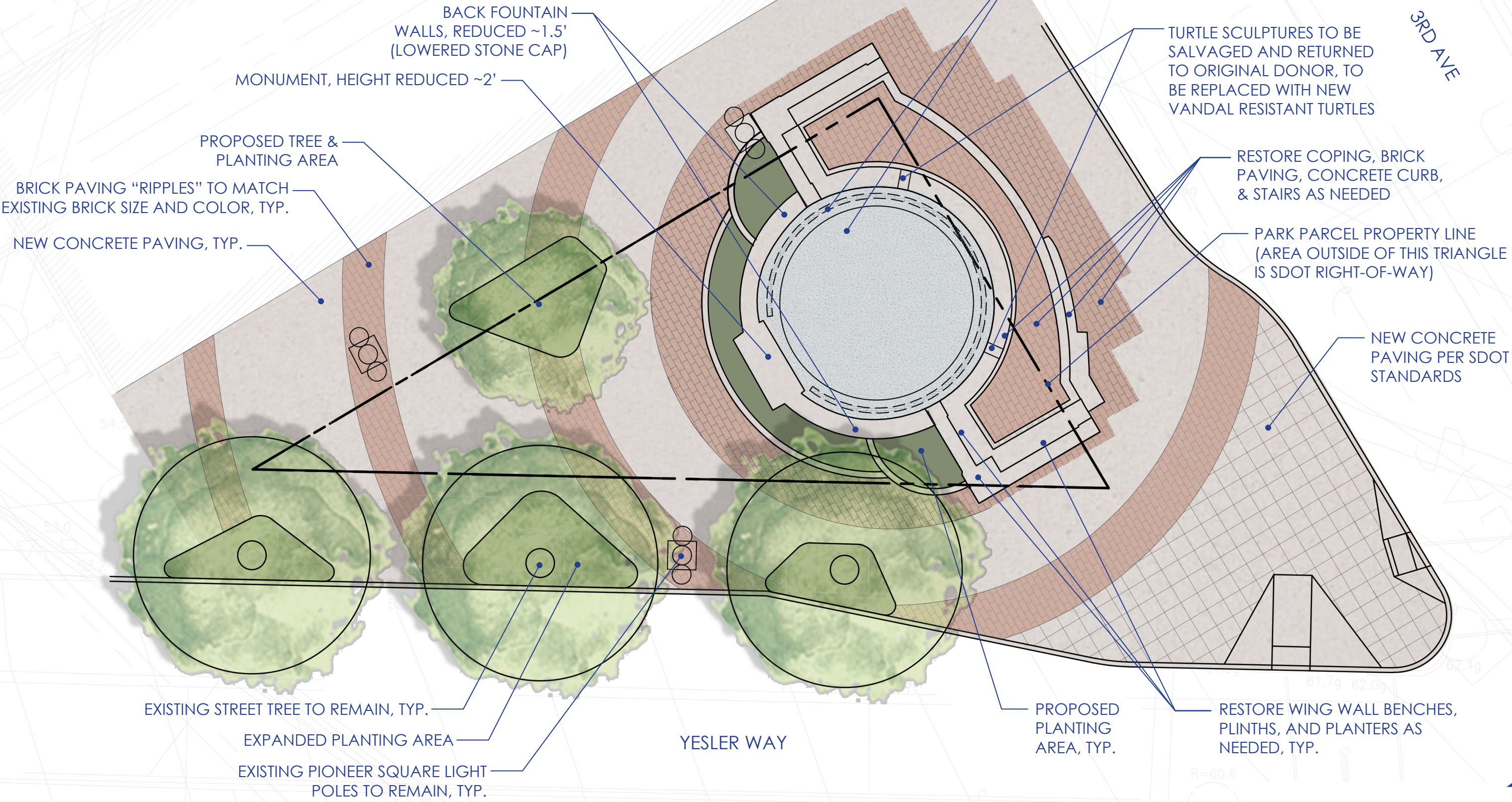
TREE REMOVAL

Also completed has been the removal of the center tree in the existing brick planter, which was coming into contact with the stone monument and causing stress to the structure.

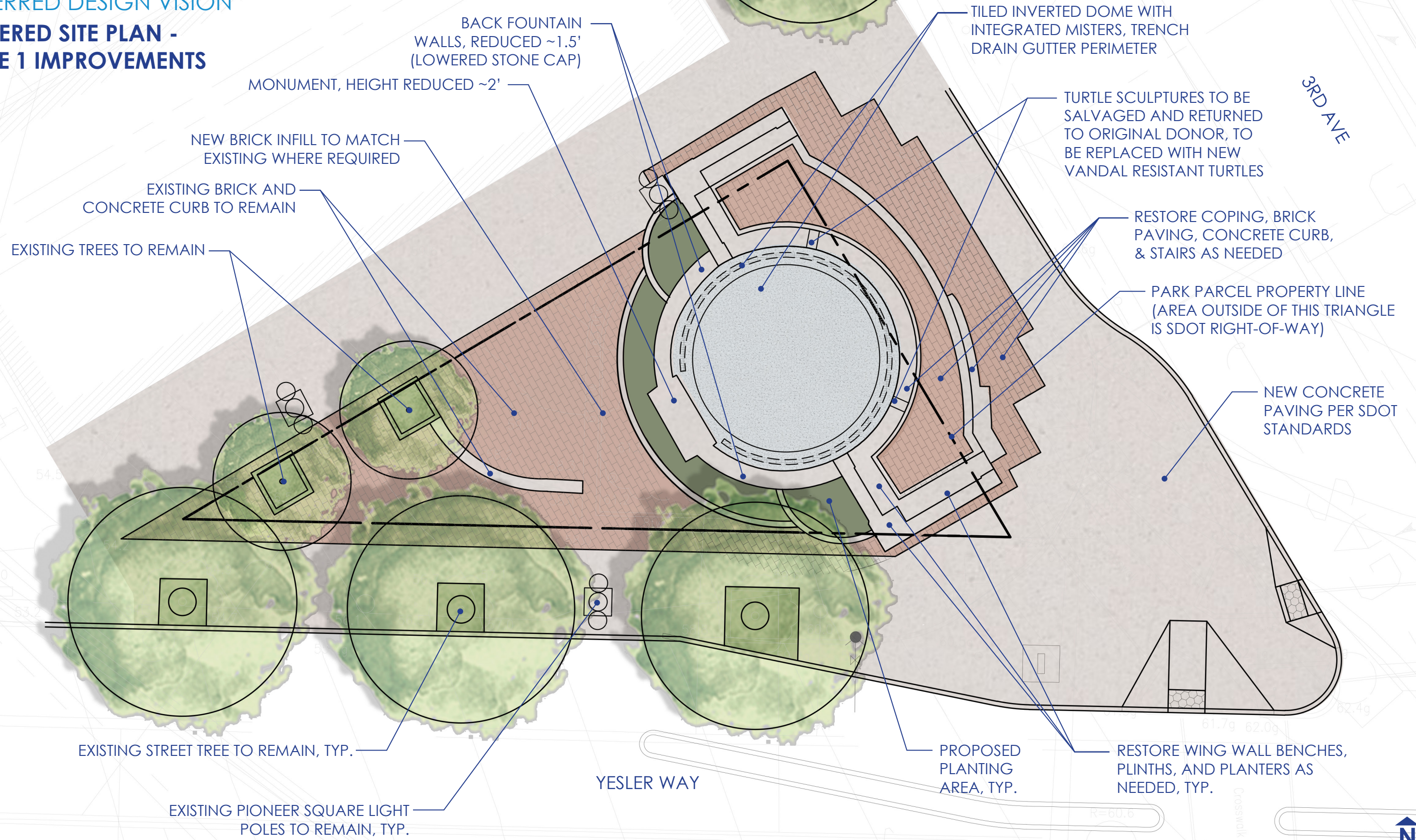
Tree at back of monument that has been removed.



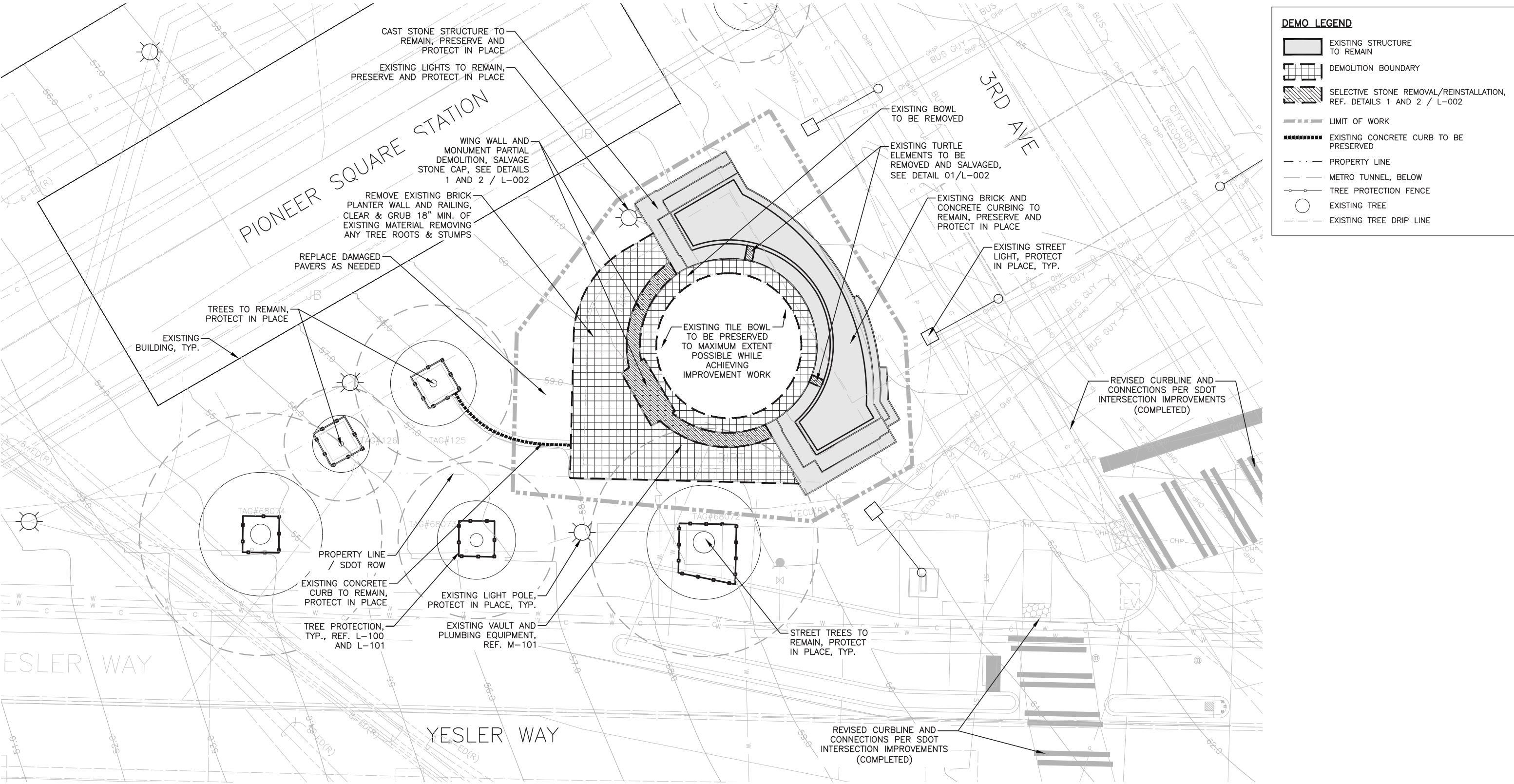
PREFERRED DESIGN VISION
RENDERED SITE PLAN



PREFERRED DESIGN VISION RENDERED SITE PLAN - PHASE 1 IMPROVEMENTS



90% CONSTRUCTION DOCUMENTATION
TECHNICAL DEMOLITION PLAN (pg. 05)

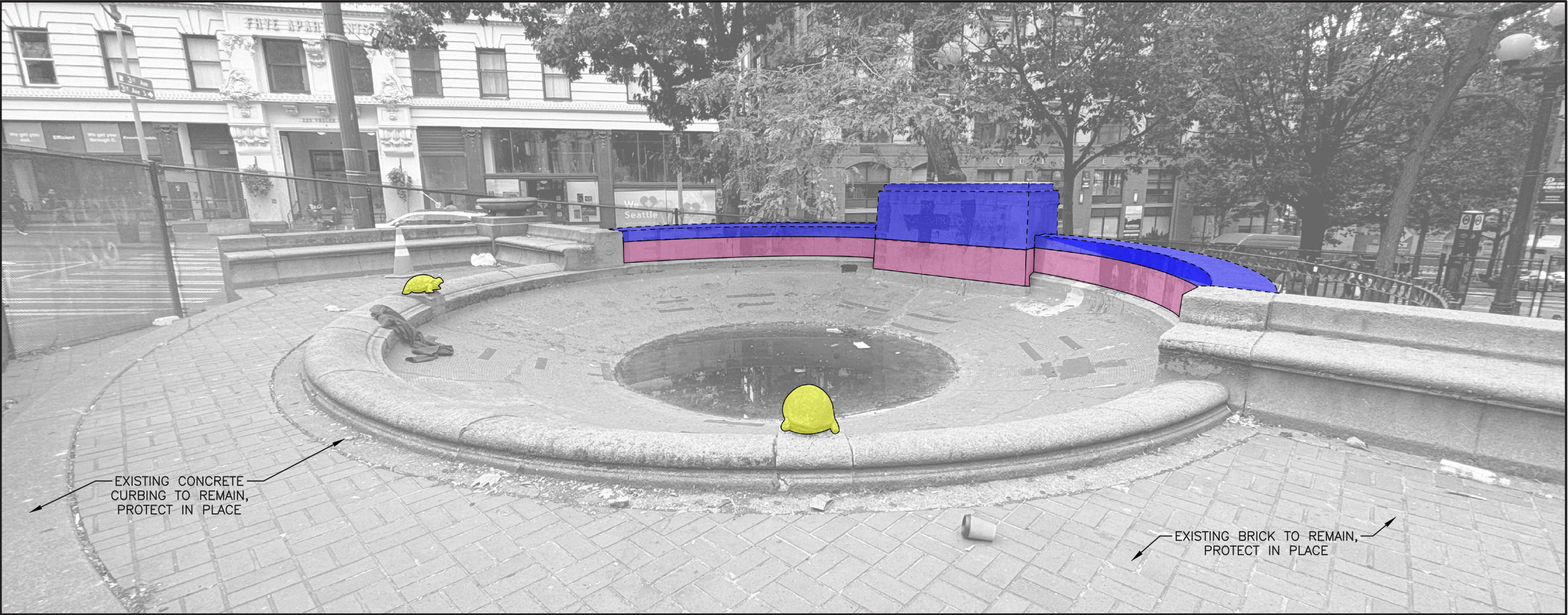


90% CONSTRUCTION DOCUMENTATION

SELECTIVE DEMOLITION DETAIL (pg. 06)

NOTES:

- 1. EXISTING STONE WALL COURSE IN PINK TO BE REMOVED AND DISPOSED OF.
- 2. EXISTING STONE TURTLE ELEMENTS TO BE REMOVED AND SALVAGED, SEE DETAIL 02/L-002.
- 3. EXISTING STONE CAP IN BLUE TO BE REMOVED AND SALVAGED (OR RE-INSTALLED AS REQUIRED), AND RESET, SEE DETAIL 03/L-002.
- 4. ALL EXISTING STONE STRUCTURE NOT IDENTIFIED FOR REMOVAL TO BE PROTECTED IN PLACE.
- 5. ALL FOUNDATIONS/FOOTINGS TO BE PROTECTED IN PLACE.



01 EXISTING FOUNTAIN SELECTIVE DEMOLITION DIAGRAM
SCALE: NTS

90% DESIGN DOCUMENTATION

SELECTIVE DEMOLITION DETAIL (pg. 06)

- NOTES:
- 1. TURTLE TO BE REMOVED AND RETURNED TO ORIGINAL DONOR.
 - 2. SEPARATE FROM BASE AT MORTAR JOINT. AVOID DAMAGING BOTH BASE AND TURTLE.
 - 3. CUT AND CAP EXISTING FOUNTAIN PLUMBING WITHIN TURTLE BASE PLINTH.



02 EXISTING TURTLE ELEMENT REMOVAL AND SALVAGE

SCALE: NTS

90% DESIGN DOCUMENTATION

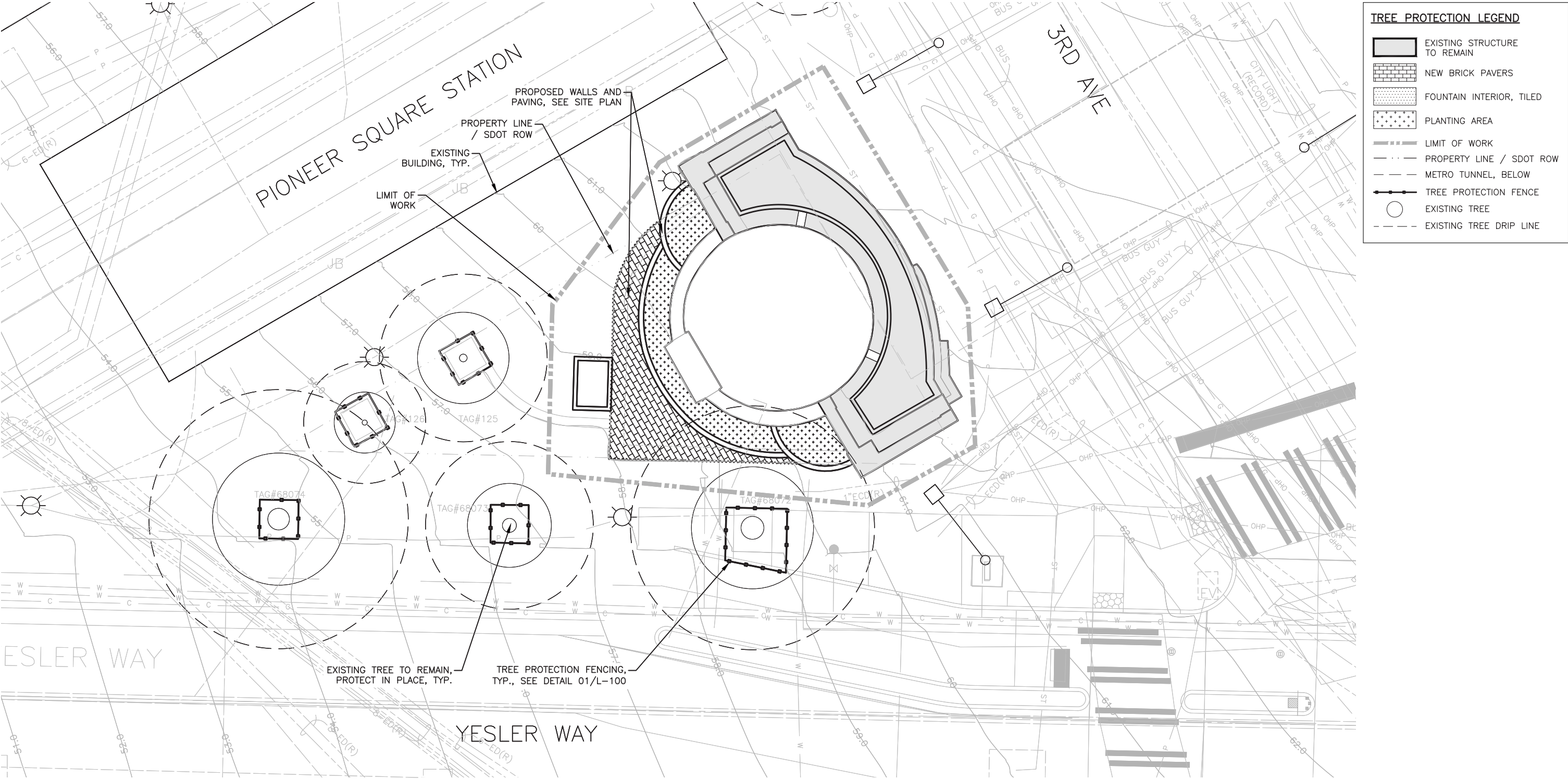
SELECTIVE DEMOLITION DETAIL (pg. 06)

- NOTES:
- 1. RESTORE REMOVED CAST STONE WALL CAPS AND MONUMENT AT LOWERED LOCATIONS SHOWN IN GREEN.
 - 2. CONTRACTOR TO CONFIRM ALL LOCATION, HEIGHTS AND CONDITION OF STONE WITH ENGINEER PRIOR TO RE-SETTING WALL ELEMENTS.
 - 3. NEW TURTLE SCULPTURES SHOWN TO BE LOCATED IN PLACE OF REMOVED TURTLES ELEMENTS, AS SHOWN IN GREEN.
- FABRICATOR TO FINALIZE AND COORDINATE TURTLE SCULPTURE ATTACHMENT AND INSTALL.

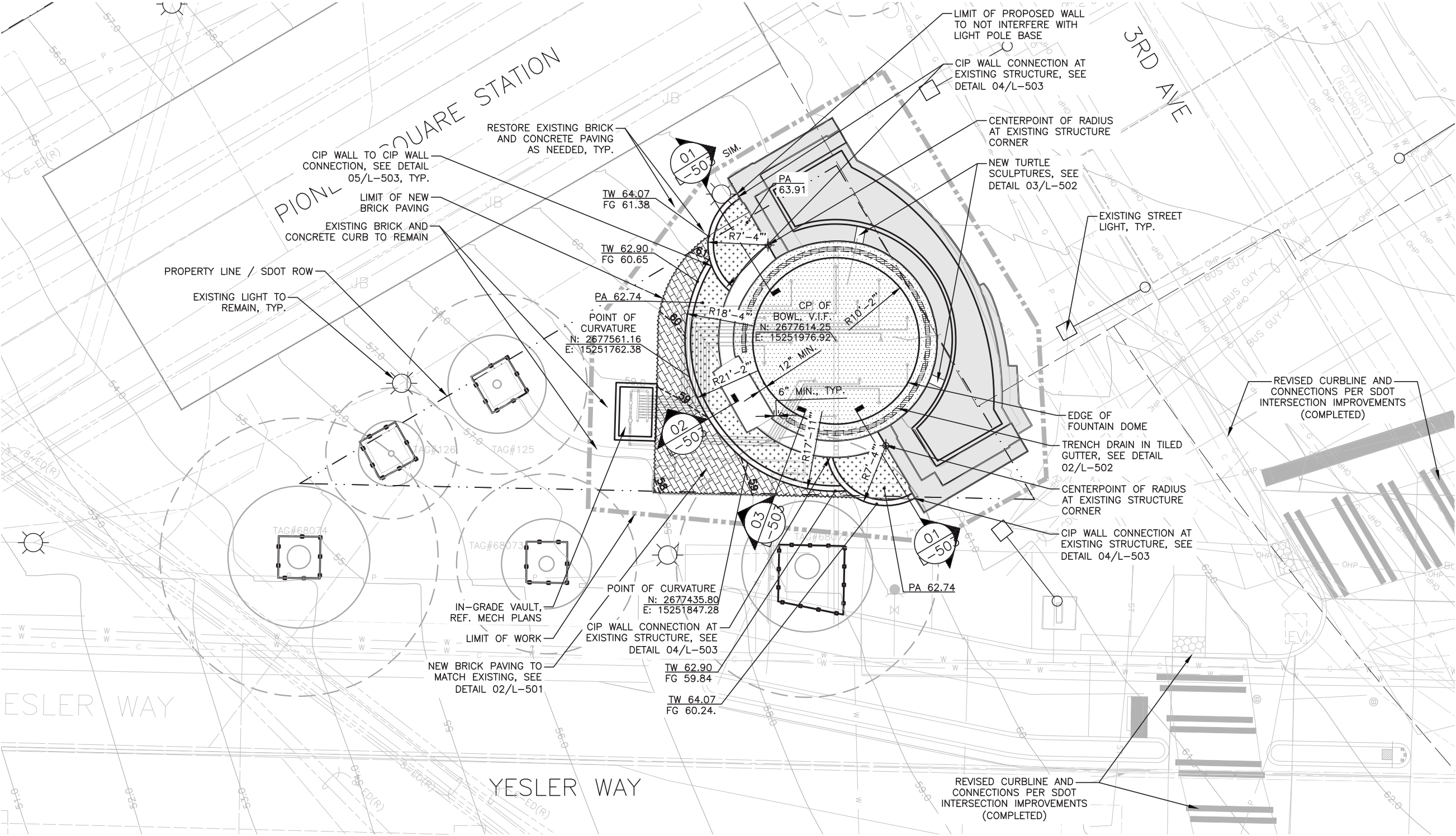


03 EXISTING FOUNTAIN SELECTIVE STONE RESTORATION DIAGRAM
SCALE: NTS

90% DESIGN DOCUMENTATION
TREE PROTECTION PLAN (pg. 08)

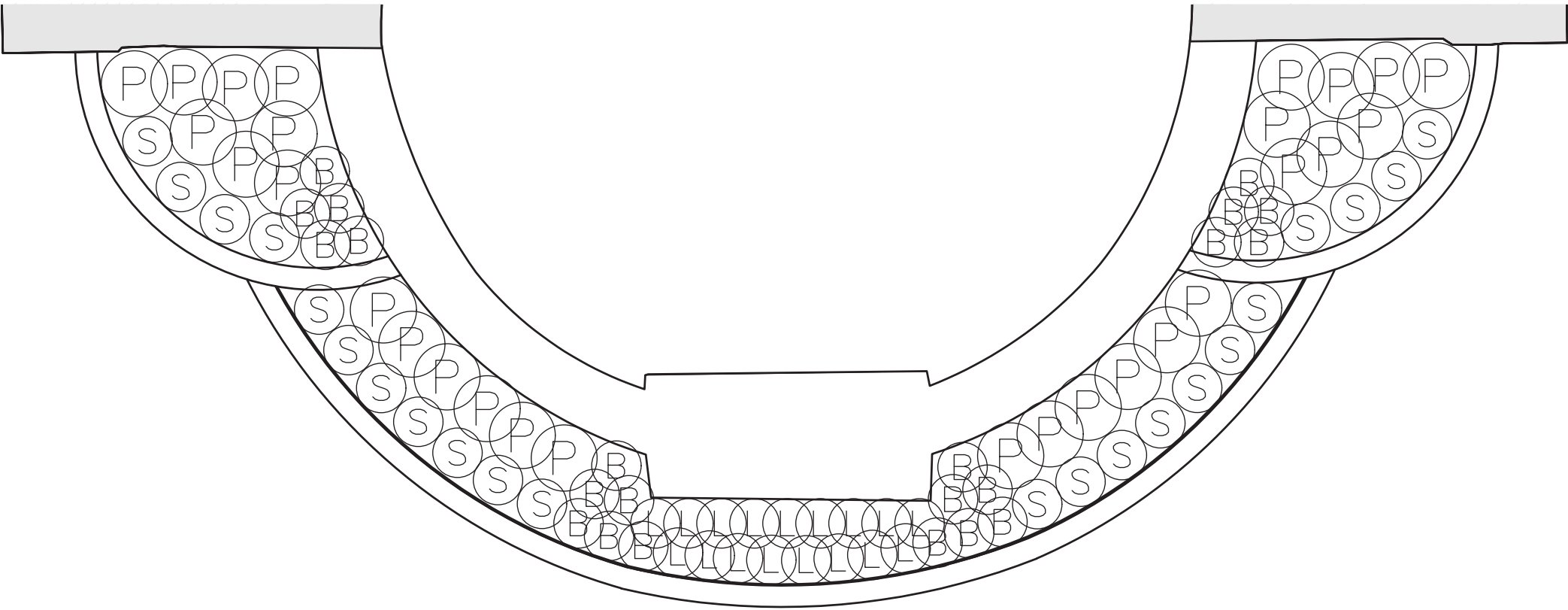


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SITE PLAN (pg. 09)



MATERIALS LEGEND	
	EXISTING STRUCTURE TO REMAIN
	BRICK PAVERS TO MATCH EXISTING, SEE DETAIL 01/L-501
	FOUNTAIN INTERIOR, TILED
	PLANTING AREA
	LIMIT OF WORK
	PROPERTY LINE / SDOT ROW
	METRO TUNNEL, BELOW
	EXISTING BUILDING
	1' PROPOSED CONTOURS
	TREE PROTECTION FENCE
	EXISTING TREE
	EXISTING TREE DRIP LINE

90% DESIGN DOCUMENTATION
PLANTING PLAN (pg. 10-11)



PLANTING SCHEDULE					
SYMBOL	SPECIES NAME	COMMON NAME	SIZE	SPACING	QTY
(B)	BRUNNERA 'JACK FROST'	FALSE FORGET-ME-NOT	1 GAL.	12" O.C.	20
(L)	LIRIOPE MUSCARI 'BIG BLUE'	LILY TURF	1 GAL.	12" O.C.	17
(P)	POLYSTICHUM MUNITUM	WESTERN SWORD FERN	2 GAL.	18" O.C.	28
(S)	SARCOCOCCA HUMILIS 'FRAGRANT VALLEY'	FRAGRANT SWEET BOX	1 GAL.	18" O.C.	22

01 PLANTING ENLARGEMENT
SCALE: 3/8" = 1'-0"



LILY TURF
LIRIOPE MUSCARI 'BIG BLUE'



FALSE FORGET-ME-NOT
BRUNNERA 'JACK FROST'

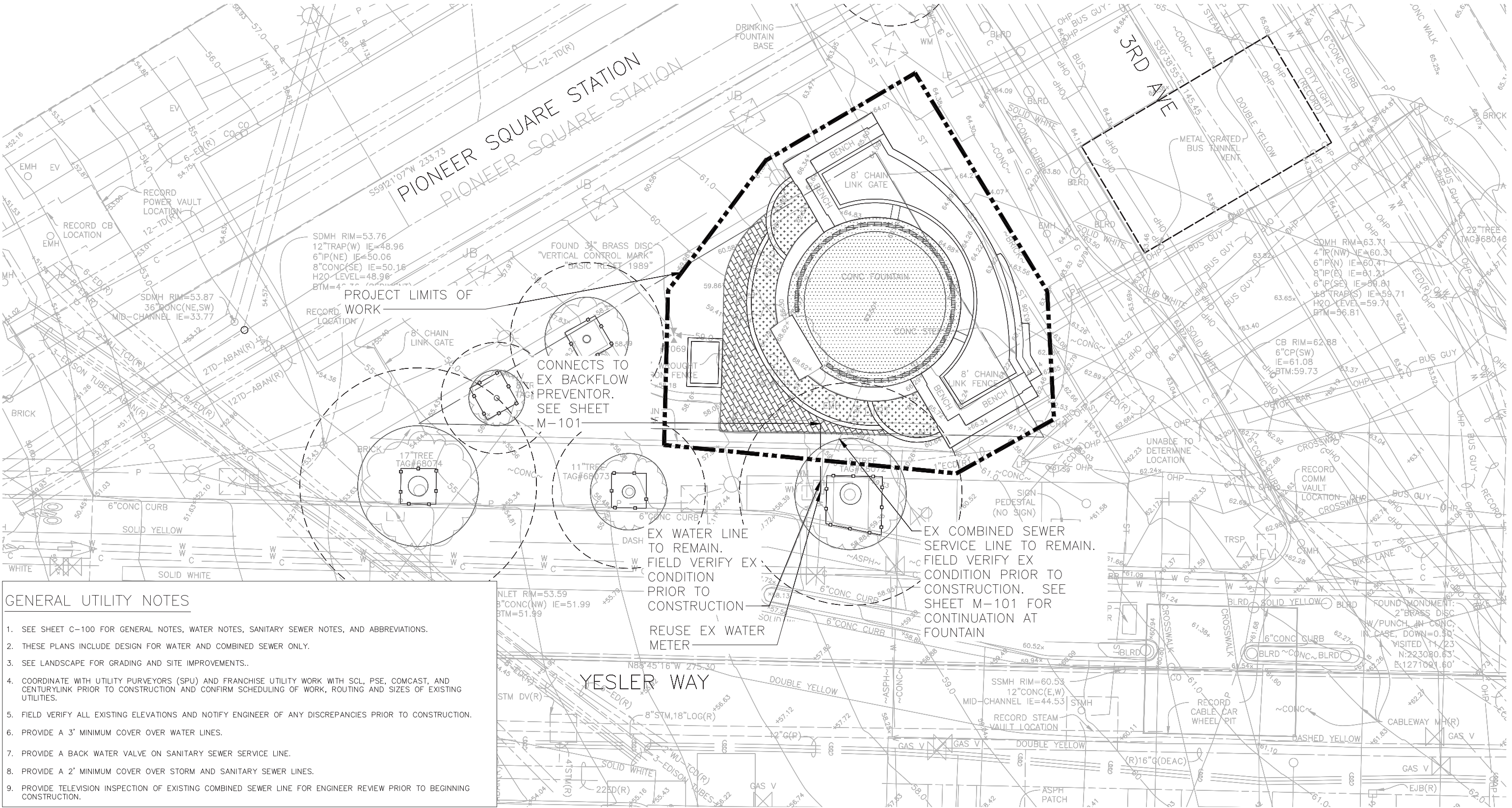


WESTERN SWORD FERN
POLYSTICHUM MUNITUM



FRAGRANT SWEETBOX
SARCOCOCCA HUMILIS 'FRAGRANT VALLEY'

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UTILITY CONNECTIONS (pg. 16-17)



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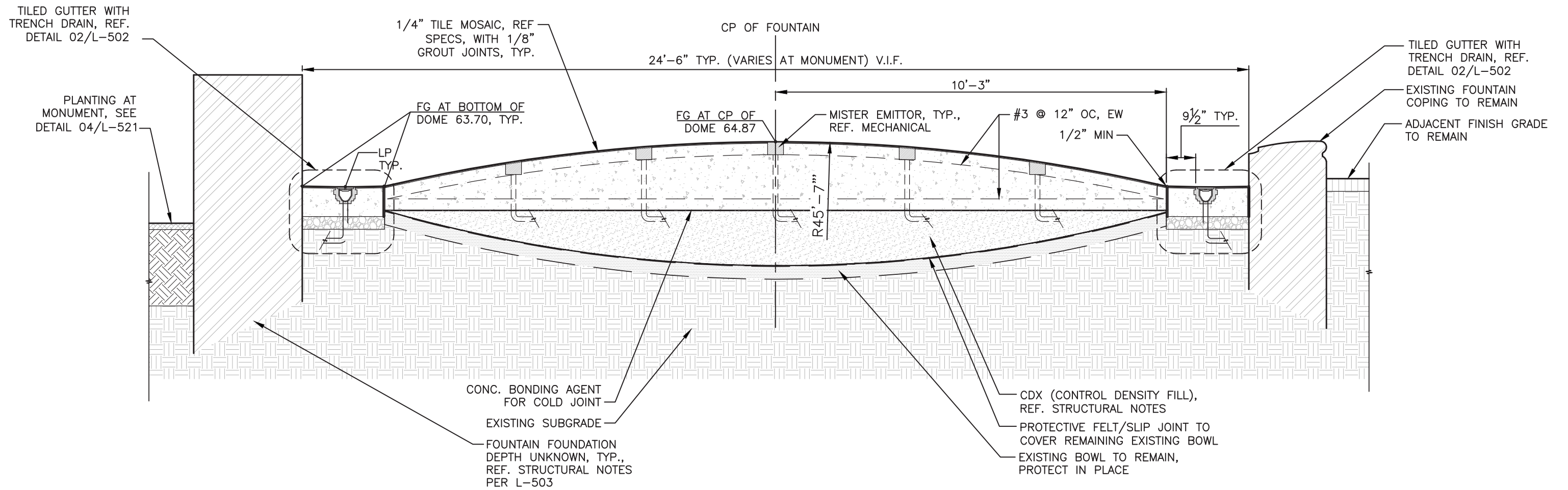
FOUNTAIN BOWL IMPROVEMENT DETAILS (pg. 13)

Detailing of the fountain bowl has been finalized into an inverted dome shape, improving safety concerns over the depth of the bowl. Connecting the dome to a tiled, perimeter gutter allows for more curvature, discouraging vagrant activity interaction and preventing water accumulation with an improved drainage capability.

Where the bowl is able to remain intact, it is proposed to be lined with a protective felt/slip joint, and then filled with a lightweight control density fill (CDX) to level out the working surface. Then, the inverted dome will be cast above, prior to tiling.



VIEW OF FOUNTAIN AREA ALONG 3RD AVE



FOUNTAIN BOWL – TYPICAL SECTION

1/2" = 1'-0"

FOUNTAIN BOWL IMPROVEMENT DETAILS (pg. 13)

The perimeter of the fountain bowl proposes a curved trench drain to optimize drainage and ease of maintenance. The gutter will contain a seamless tiled finish to each edge of the trench drain cover. Below images show the confirmed finish material selections from the 09.03.2025 meeting discussion.

TRENCH DRAIN SELECTION

IRON AGE DESIGNS

A series of circular shapes echoes the project's established concept of water drops rippling outward.



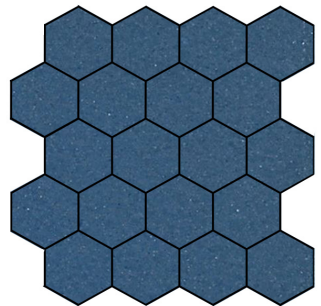
PATTERN NAME:
OBLIO



MATERIAL:
BAKED-ON OIL FINISH

TILE SELECTION

DALTILE



COLOR: GALAXY

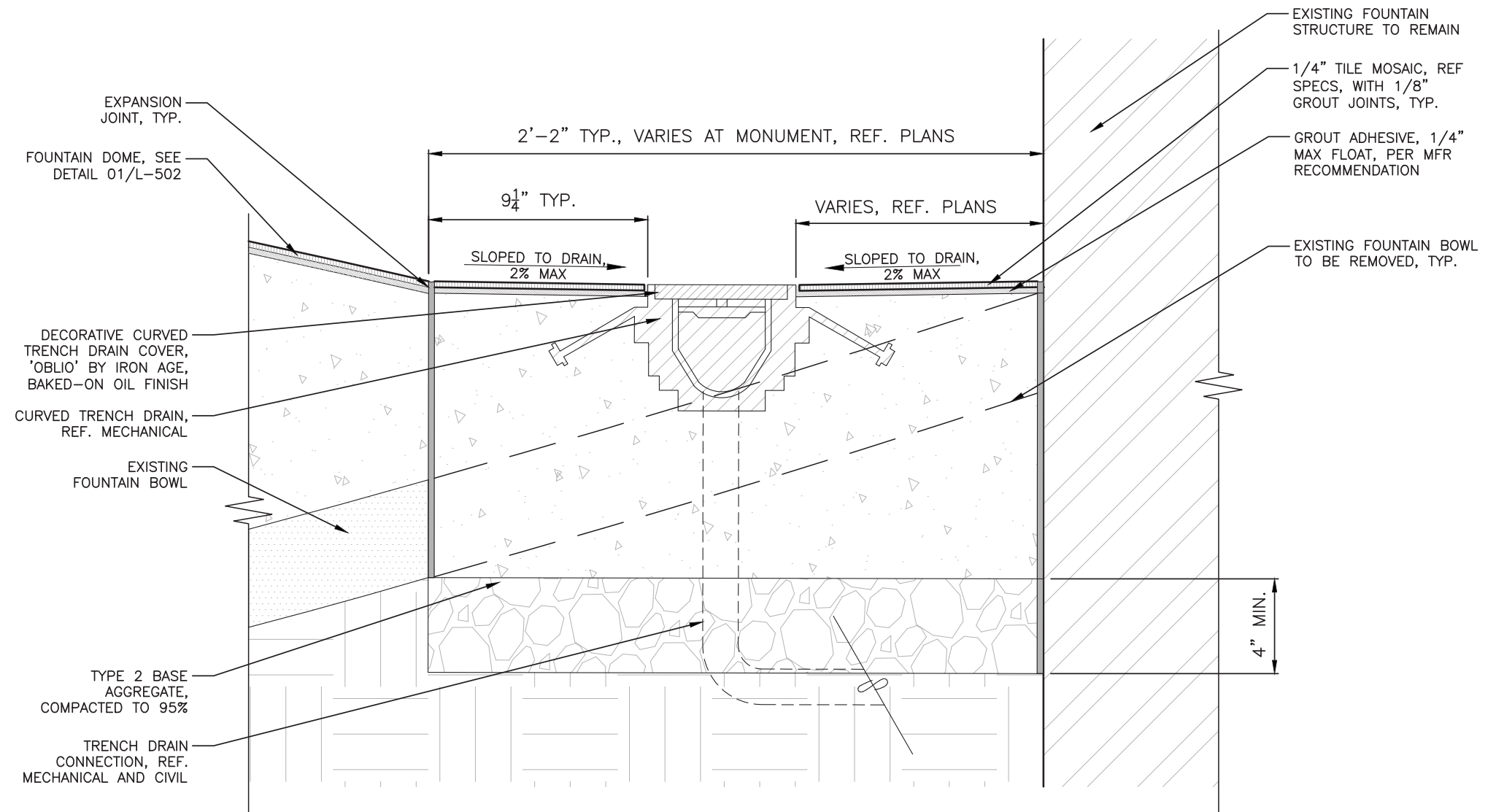
MATERIAL: COLORBODY
PORCELAIN

CHIP SIZE: 2"

SHAPE: HEXAGON MOSAIC

Notes:

- Colorbody Porcelain utilizes color throughout the entire tile body to help disguise chips.
- Hexagon shape allows for larger chip size more proportional with the overall scale of the fountain.



NOTES:

- NOTES:
1. REFERENCE SPECS FOR SUBMERSIBLE MOSAIC TILE COLOR AND TYPE, MANUFACTURER: DALTILE CONTRACTOR TO PROVIDE SAMPLE TO ENGINEER.
 2. CLEARFACE MOUNTING SYSTEM AND ADHESIVE PER MANUFACTURER'S RECOMMENDATIONS
 3. ALL GROUT JOINTS TO BE 1/8" UNLESS OTHERWISE NOTED.

02 FOUNTAIN BOWL – GUTTER ENLARGEMENT
3" = 1'-0"

90% DESIGN DOCUMENTATION

FOUNTAIN BOWL IMPROVEMENT VISUALIZATION - VIEW ALONG 3RD AVENUE

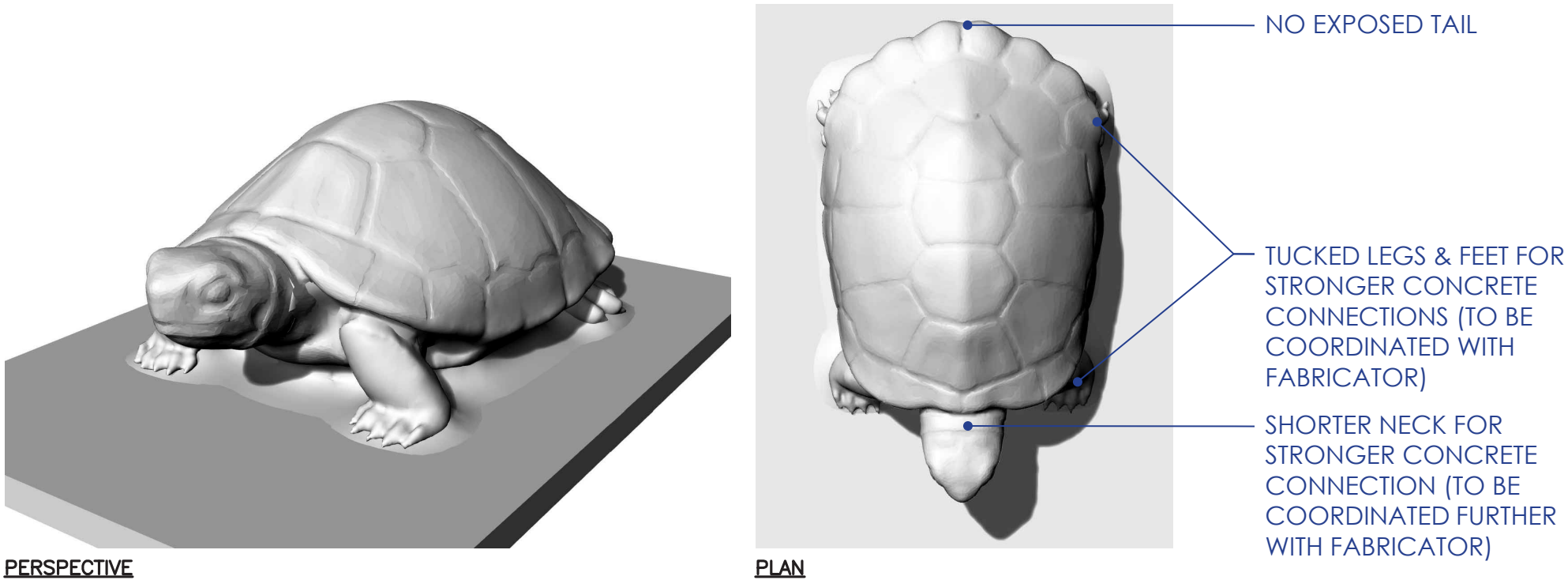


TURTLE REPLACEMENT (pg. 13)

Coordination is underway to create the turtle sculptures that will be located where the existing turtles are to be salvaged and returned to the original donor.

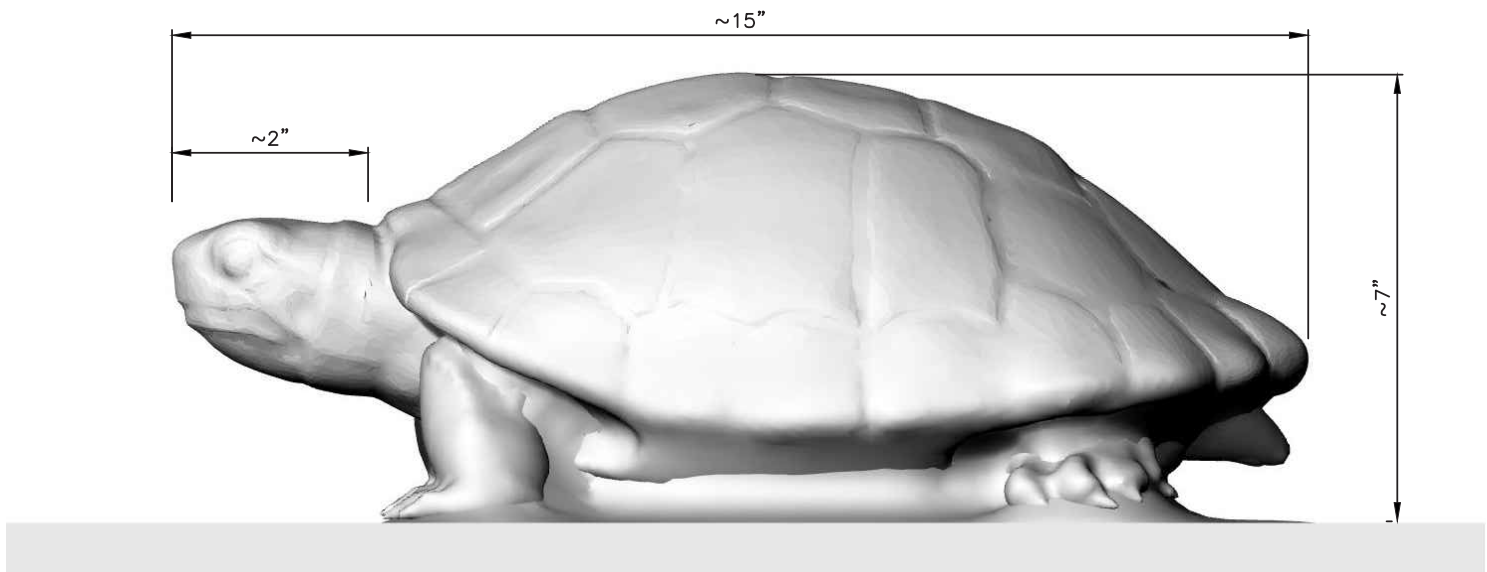
These high level renderings show the form the new turtles are taking, with fabrication constraints in mind. The turtles form is intended to emulate the Pacific Northwest’s native pond turtle.

The pieces will be fabricated from reinforced, high strength precast concrete, color-matched to the existing fountain’s precast stone color as close as possible for seamless integration. Further modifications to ensure detail and constructibility will continue to evolve as the fabrication vendor progresses development and creation.



PERSPECTIVE

PLAN



ELEVATION

NOTES:

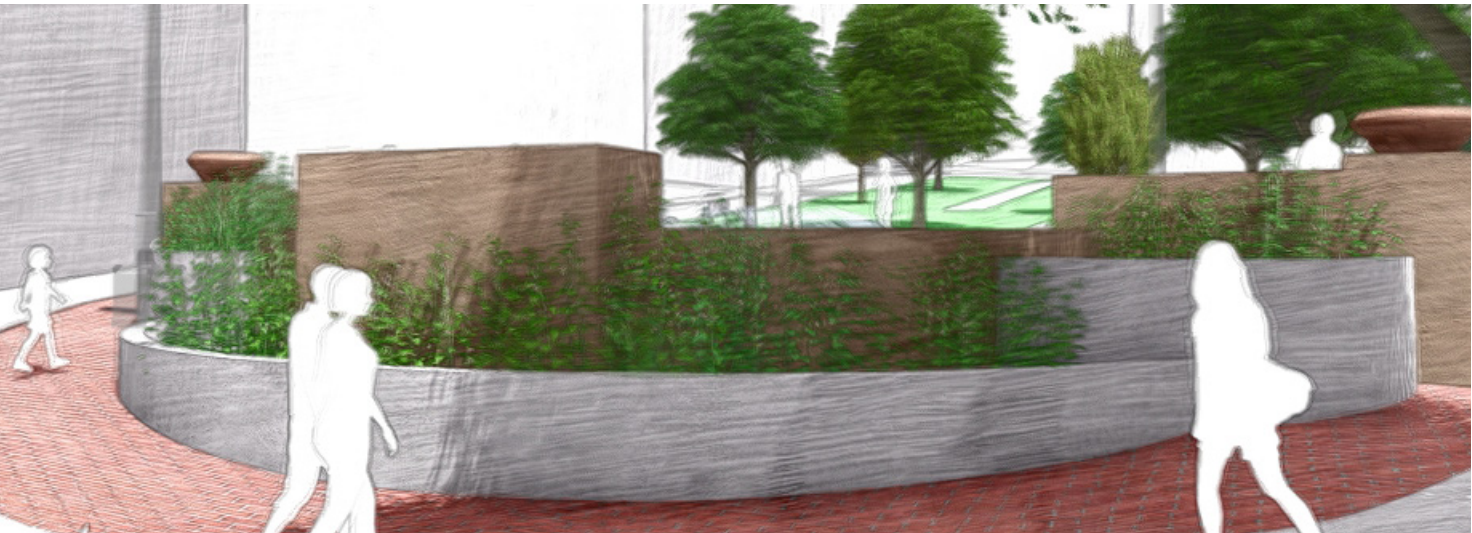
- 1. IMAGES AND DIMENSIONS SHOWN FOR REFERENCE ONLY. FINAL CONCEPT AND SIZE TO BE CONFIRMED WITH ENGINEER PRIOR TO FABRICATION.
- 2. CONTRACTOR TO COORDINATE FABRICATION AND INSTALL OF NEW TURTLE ELEMENTS WITH FABRICATOR.
- 3. TURTLES TO BE FIBER REINFORCED CONCRETE, PER FABRICATOR RECOMMENDATION. TURTLES TO MATCH EXISTING CAST STONE COLOR OF FOUNTAIN STRUCTURE TO REMAIN. CONTRACTOR TO COORDINATE SAMPLES TO BE CONFIRMED WITH THE ENGINEER.

90% DESIGN DOCUMENTATION

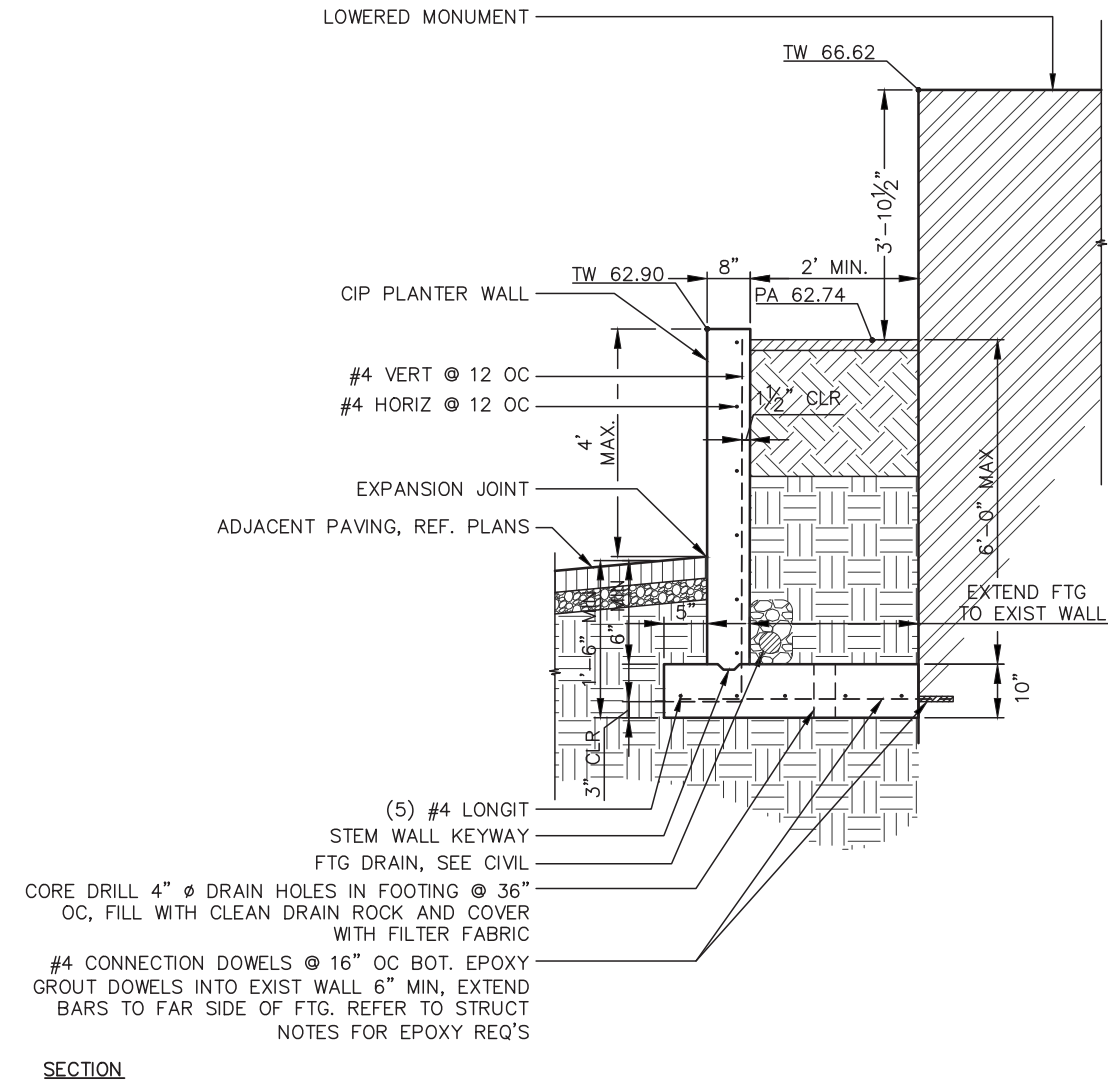
WALL DETAILS (pg. 14)

The planter walls proposed will require careful excavation to ensure there is no risk to compromising the existing fountain structure during construction.

The details shown here are representing the walls that will come near or into contact with the existing fountain structure. Pinning will be required for the upper tier walls to establish a structural connection. The lower tier planter wall footing will require field investigation to confirm how deep the existing monument structure foundation goes. If the footing comes into conflict, pinning will be required.

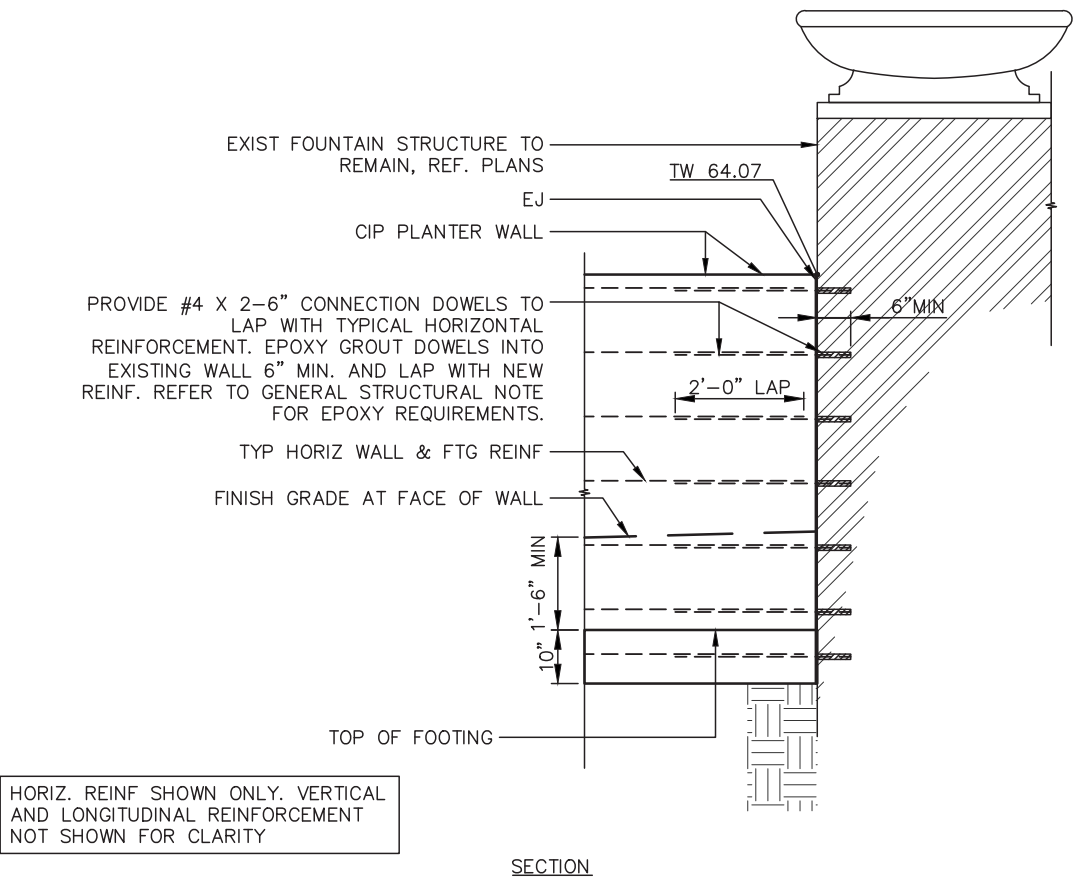


VIEW OF PROPOSED BACK OF FOUNTAIN PLANTER WALLS FROM YESLER



SECTION

02 LOWER TIER CIP WALL AT MONUMENT
SCALE: 1/2" = 1'-0"



SECTION

04 CIP WALL CONNECTION AT EXISTING STRUCTURE
SCALE: 1/2" = 1'-0"

90% DESIGN DOCUMENTATION

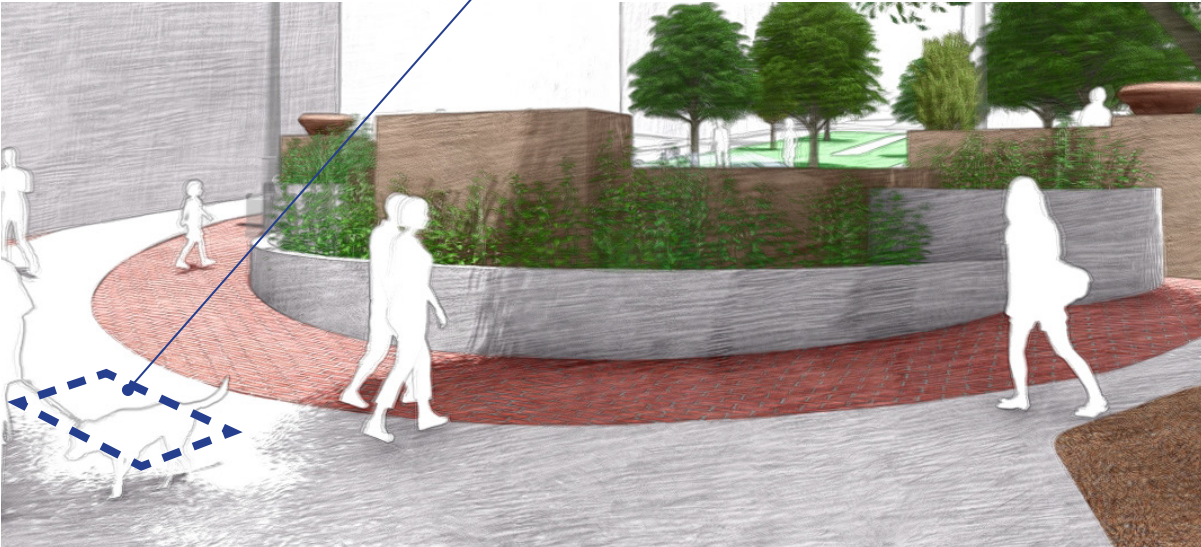
MECHANICAL IMPROVEMENTS (pg. 18-23)

Mechanical improvements to the fountain include a new assembly of piping that will direct water flow to (17) misting water emitters on the surface of the proposed tiled dome. Each mister will be individually controlled by manual valves in a vault assembly, located at finish grade walking surface. This assembly will also include a hose bib connection for maintenance operations in and around the planters.

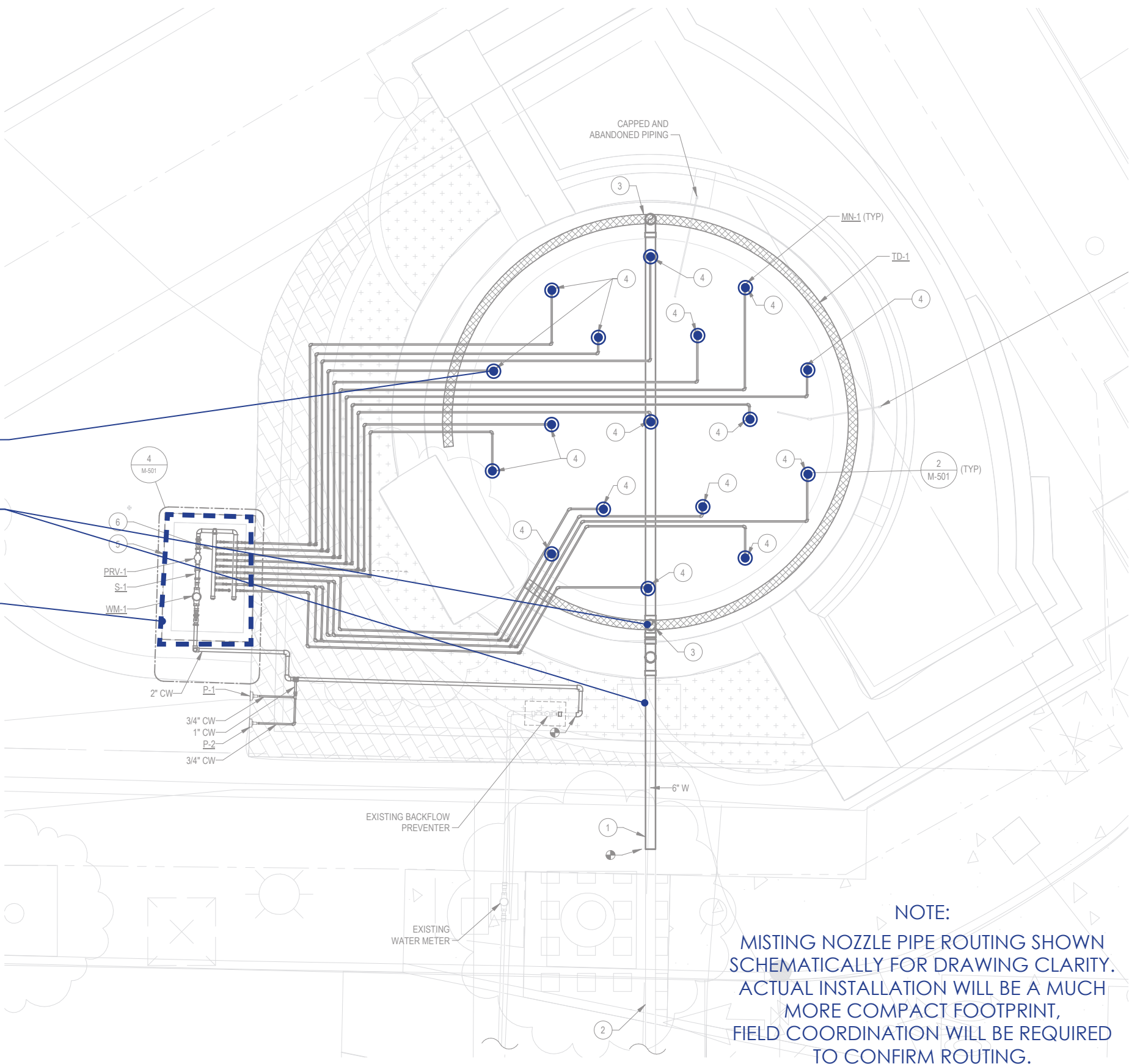
MISTERS LOCATED WITHIN
INVERTED DOME, TYP.

TRENCH DRAIN
CONNECTION TO SANITARY
SEWER AND STORM SYSTEMS

MECHANICAL VALVE ASSEMBLY
TO BE MOUNTED IN SURFACE
LEVEL VAULT AT FINISH GRADE
WITH NON-SLIP FINISH (LOCATION
SHOWN CONCEPTUALLY BELOW)



VIEW OF PROPOSED BACK OF FOUNTAIN PLANTER WALLS FROM YESLER



CONSTRUCTION SEQUENCING
PHASE 1 IMPROVEMENTS

SECONDARY PHASE OF CONSTRUCTION
(AFTER SITE OBSERVATION):

- STRATEGIC LOWERING OF FOUNTAIN WALLS AND MONUMENT
- NEW BACK OF FOUNTAIN TIERED PLANTER WALLS

INITIAL PHASE OF CONSTRUCTION:

- FOUNTAIN STRUCTURE TUCK-POINTING REPAIRS
- NEW MECHANICAL EQUIPMENT
- NEW FOUNTAIN BOWL DOME, GUTTER WITH TRENCH DRAIN, & TILE
- TURTLE REPLACEMENTS

