

PRCA20241630
Flag Poles revision

See sheet TS for revisions notes:
See engineering for footing and
construction details.

Approval of submitted plans is not an approval of
omissions or oversight by this office or
noncompliance with any applicable regulations of
local government. The contractor is responsible for
making sure that the building complies with all
applicable building codes and regulations of the
local government.

THE APPROVED CONSTRUCTION PLANS AND ALL
ENGINEERING MUST BE POSTED ON THE JOB AT ALL
INSPECTIONS IN A VISIBLE AND READILY
ACCESSIBLE LOCATION.
PRINT in COLOR and to SCALE.

SYMBOLS LEGEND

ROOM IDENTIFICATION	XXX XXX
DOOR NUMBER	XXX
WINDOW NUMBER	XX
EQUIPMENT NUMBER	XX
WALL TYPE	XX
CENTERLINE	CL
NORTH ARROW	
DATUM	
REVISION	#
COLUMN GRID/LINE	X
ENLARGED DETAIL MARK	X A.B.B.B
BUILDING SECTION MARK	X A.X
DETAIL MARK	X A.B.B.B
EXTERIOR ELEVATIONS SYMBOL	X A.X

LIST OF DRAWINGS

GENERAL	
G0.1	PROJECT INFORMATION
CIVIL (REFERENCE ONLY)	
C5-101	SANITARY SEWER PLAN
C6-101	WATER PLAN
C7-101	JOINT UTILITY TRENCH PLAN
ARCHITECTURAL	
A1.1	OVERALL SITE PLAN
A1.2	SITE PLAN - FOUNTAIN
A1.3	SITE PLAN - LANDSCAPE
STRUCTURAL	
S1	GENERAL NOTES
S2	WATER & PLANTER
FOUNTAIN DESIGN	
TS PERMIT	WATER FEATURE DRAWING

2021 IBC REFERENCE

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION
312.1 ...MISCELLANEOUS GROUP U... STRUCTURES OF AN ACCESSORY
CHARACTER...NOT CLASSIFIED IN ANY SPECIFIC OCCUPANCY...INCLUDING
RETAINING WALLS

CODE/ZONING INFORMATION

GOVERNING CODE
2021 INTERNATIONAL BUILDING CODE
2021 WASHINGTON STATE ENERGY CODE, COMMERCIAL
ADOPTED BY WA STATE BUILDING CODE COUNCIL
AND ANY CITY OF PUYALLUP ORDINANCE

ZONING
FAIR
HEIGHT LIMIT: 50'

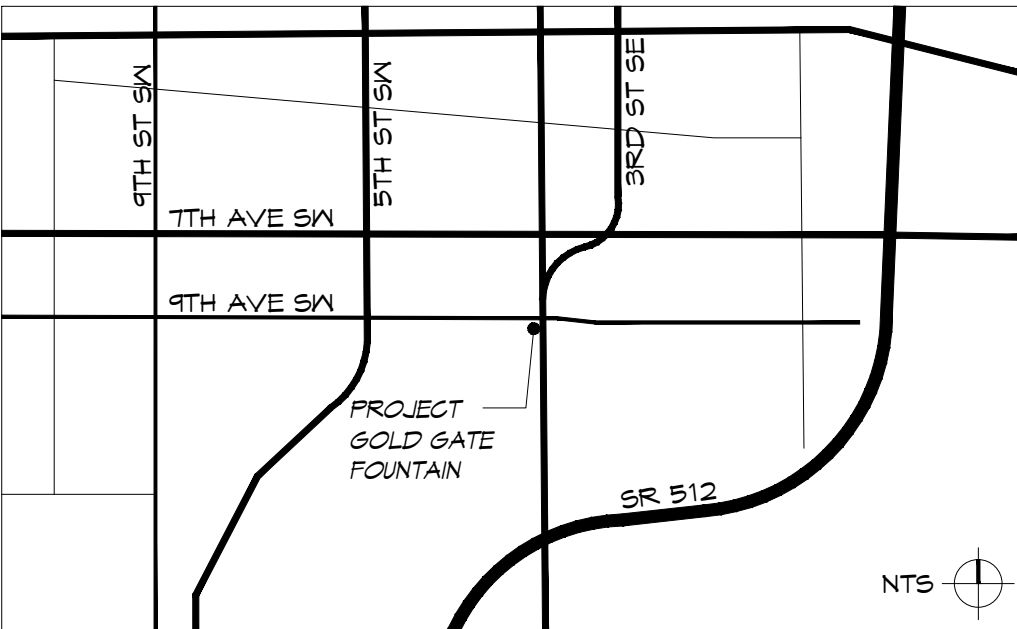
PROJECT INFORMATION

PROJECT NAME
WASHINGTON STATE FAIR
GOLD GATE - FOUNTAIN
PROJECT ADDRESS
110 9TH AVE SW
PUYALLUP, WA 98371
PROJECT DESCRIPTION
INSTALL FOUNTAIN WITHIN GOLDGATE PLAZA
TAX PARCEL NUMBER
0420331121
LEGAL DESCRIPTION
Section 33 Township 20 Range 04 Quarter 11 : NE OF NE & N 1/2 OF SE OF NE
LY ELY OF 5TH ST & W OF STATE HWY LESS RDS TOG/W 1/2 5TH ST SW ABUTT
VAC BY ORD 2865 EASE OF RECORD PER ETN 527237 ALSO EXC POR CYD TO
CY OF PUYALLUP FOR ADD'L R/W PER ETN 4529976 OUT OF & COMB 1-000,
1-017, 1-019, 1-020, 1-031, 1-045, 1-055, 1-101, 1-103 & 1-105 (DCPPJES9-16-80)
DC12/12/08JU 10668175DC 6/5/2020B8
DEFERRED PERMITS
ELECTRICAL (L&J)

PROJECT DIRECTORY

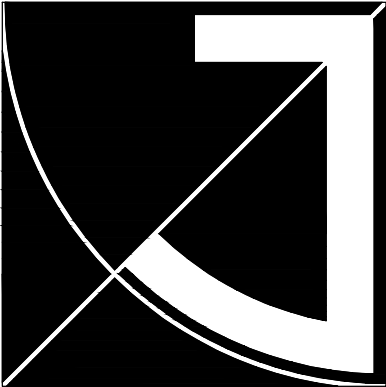
THE OWNER WASHINGTON STATE FAIR MARTY MATTES (COO) 110 9TH AVE SW PUYALLUP, WA 98371 marty@thefair.com 253.841.5356	CONTRACTOR ABSHER CONSTRUCTION CURT GIMMESTAD (VP) 1001 SHAW ROAD PUYALLUP, WA 98371 curt.gimместad@absherco.com 253.845.9544
FOUNTAIN DESIGN TURNSTONE CONSTRUCTION, INC ANDREW DORNAN 7004 180TH AVE NE, #101 REDMOND, WA 98052 adornan@turnstoneconstruction.com	CIVIL ENGINEER JMJ TEAM JUSTIN JONES, PE 905 MAIN ST, SUITE 200 SUMNER, WA 98390 justin@jmjteam.com
THE ARCHITECT JEFF BROWN ARCHITECTURE, LLC JEFF BROWN, ARCHITECT, AIA SONGYI CHO (CONTACT PERSON) 12181 C STREET S TACOMA, WA 98444 songyi.cho@hotmail.com 509.432.4651	
STRUCTURAL ENGINEER CHRIS TYNBOE, P.E. CHRIS TYNBOE 12181 C STREET S TACOMA, WA 98444 cclynboe@cs.com 253.537.8128	

LOCATION MAP



ABBREVIATIONS

&	AND	GW8	GYPSUM WALL BOARD
<	ANGLE	HDR	HEADER
@	AT	INT.	INTERIOR
°	DEGREE	MFR	MANUFACTURE
ø	DIAMETER	NTS	NOT TO SCALE
B/W	BETWEEN	O.C.	ON CENTER
BLCK	BLOCKING	RC	RAIN CHAIN
¢	CENTERLINE	PW, PLW	PLY WOOD
APP.	APPROXIMATE(LY)	REF	REFRIGERATOR
CLR.	CLEAR(ANCE)	SCHD	SCHDULE
C.O.	CLEAR OPENING	SHTG	SHEATHING
COL.	COLUMN	S.D.	SMOKE DETECTOR
CONC.	CONCRETE	TEM	TEMPER/SAFETY
C.J.	CONTROL JOINT		GLASS
DEMO	DEMOLISH (ION)	T.O.BM	TOP OF BEAM
DN	DOWN	T.O.P.	TOP OF PLATE
DIM	DIMENSION	T.O.S.	TOP OF STEEL
D/W	DISH WASHER	TYP.	TYPICAL
ELEC.	ELECTRIC (AL)	U.N.O.	UNLESS NOTICED
E.Q.	EQUAL		OTHERWISE
E.J.	EXPANSION JOINT	VIF	VERIFY IN FIELD
EXT.	EXTERIOR	WIN	WINDOW
F.O.F.	FACE OF FINISH	W.T.	WEATHER THRESHOLD
F.F.	FINISH FLOOR	W/	WITH
FT	FOOT (FEET)	W/O	WITHOUT
FTG	FOOTING	WD	WOOD
FND	FOUNDATION		

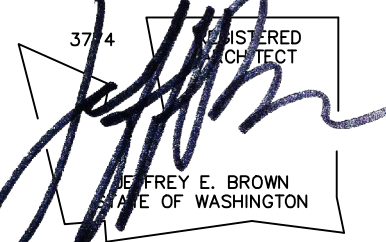


JEFF BROWN ARCHITECTURE

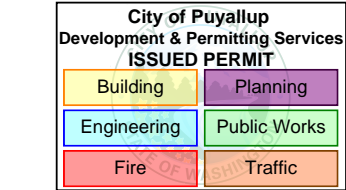
JEFF BROWN ARCHITECTURE
12181 C STREET SOUTH
TACOMA, WA 98444

PROJECT LEAD

JEFFREY E. BROWN
253.806.8324
jeff@jeffbrownarchitecture.com



PROJECT NAME/ADDRESS



WASHINGTON STATE FAIR
GOLD GATE - FOUNTAIN
110 9TH AVE SW
PUYALLUP, WA 98371

DRAWING TYPE

PERMIT DOCUMENTS

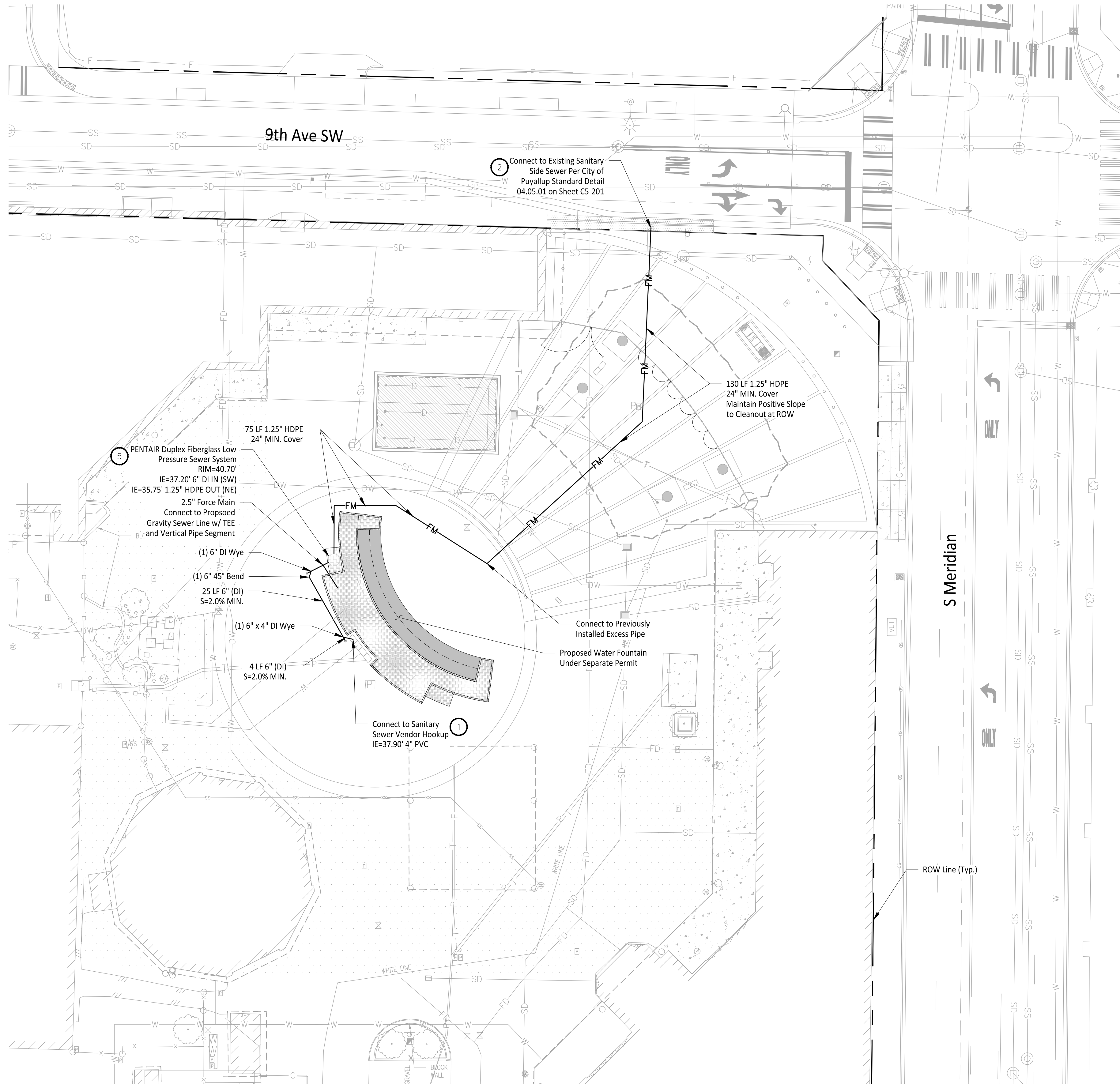
ISSUE DATE	ISSUE DESCRIP.	NO.
10.11.24	PERMIT	

SHEET TITLE

GENERAL INFORMATION

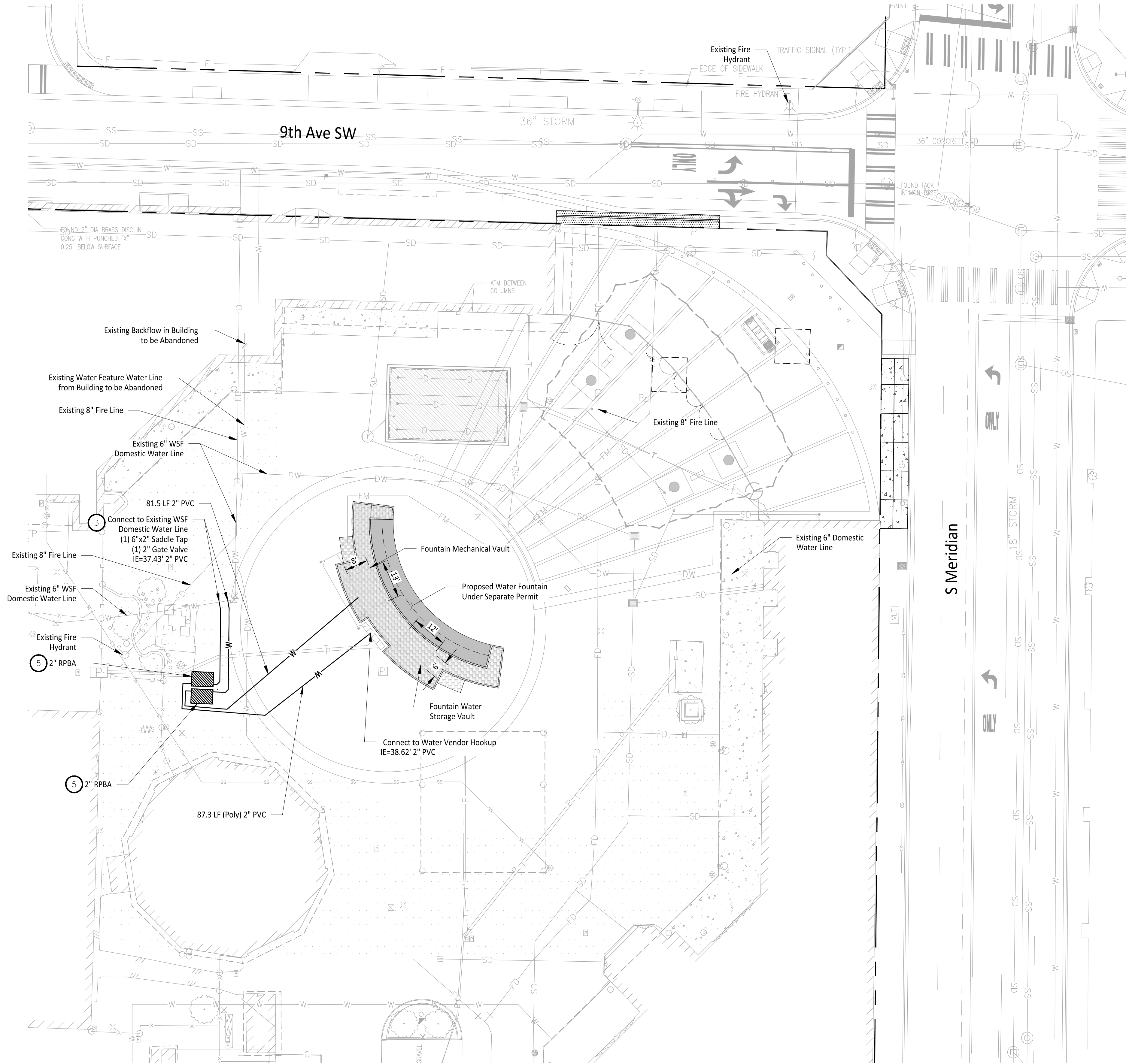
SHEET #

G0.1



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Path: C:\Users\DesikManickam\OneDrive\Projects - General\1507 - Washington State Fair\1507-012 Gold Gate CAD\ Plotted by: DesikManickam Date: 17-Oct-24 3:10:44pm File: 1507012C-UT-WTR.dwg



CONSTRUCTION NOTES

- Domestic Water Service and Sanitary Sewer Vendor Hook Ups to be Installed per Detail A on Sheet C6-201
- Use Vertical Bends as Necessary to Install Water Pipe, Allowing Clearances from City of Puyallup Standard Details 03.01.03-1 & 03.01.03-2.
- Wet Tap to be Installed for Connection to Existing WSF Domestic Water Line per Detail B on Sheet C6-201.
- Contractor to install foam pad between pipe crossings with less than 18" of vertical clearance. The pad shall be O.D. x O.D. x 2.5 inches thick minimum or as required to protect the pipes. Above O.D. is equal to the outside diameter of the larger pipe. The pad shall be a polyethylene foam plank (Dow Plastics Ethafoam 220), or approved equal. See Detail B on Sheet C5-201 for detail, and Sheet C6-201 for City of Puyallup Utility Crossing Standard Details.
- Reduced Pressure Backflow Assembly to be installed Per City of Puyallup Standard Detail 03.04.02 on Sheet C6-202.
- Fountain to drain to Sewer

GENERAL NOTES

- Contractor to Pothole, Locate Horizontal and Vertical Utilities and Verify with Engineer prior to any Utility Work.

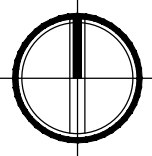
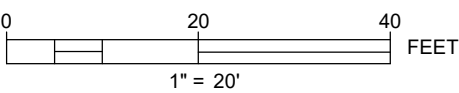
REFERENCE ONLY

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.



CALL TWO BUSINESS DAYS BEFORE YOU DIG

1-800-424-5555
UTILITIES UNDERGROUND LOCATION CENTER

Owner/Developer:

Washington
STATE FAIR
PUYALLUP

Washington State Fair
110 9th Ave SW
Puyallup, WA 98371
(253) 841-5356

Architect:

Jeff Brown Architecture
12181 C Street South
Tacoma, WA 98444
(253) 606-8324
Contact: Jeff Brown

Engineer:



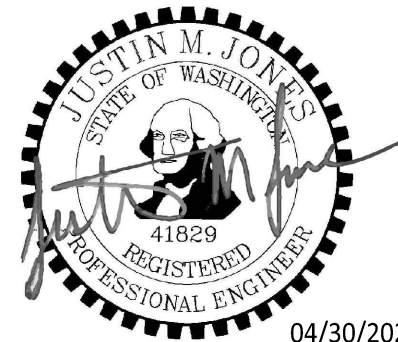
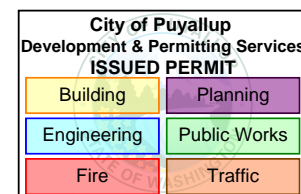
Justin Jones, PE
905 Main St. Suite 200
Sumner, WA 98390
(206) 596-2020

Project:

**WSF Gold Gate
Redevelopment**

**Civil Construction
Permit**

ONE INCH AT FULL SCALE.
IF NOT, SCALE ACCORDINGLY



REV	DATE	DESCRIPTION
1	03-04-24	City Comment Revision #1
2	04-18-24	City Comment Revision #2

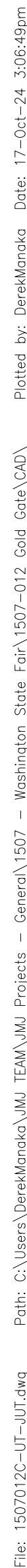
DRAWN BY:	DM	DESIGN BY:	JJ
PROJ. NO:	1507-012		
DATE:	April 30, 2024		
SHEET NAME			

Water Plan

DWG.

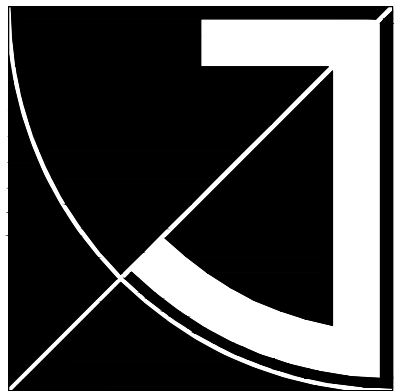
C6-101

24 OF 27



<h1 style="text-align: center;">Joint Utility Trench Plan</h1>	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div> <p>DWG.</p> <p style="font-size: 2em; font-weight: bold;">C7-101</p> <p><u> 27 </u> OF <u> 27 </u></p> </div> </div>	

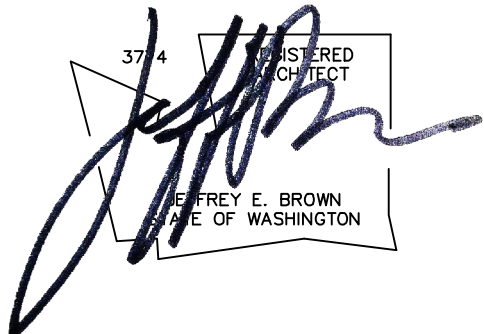
1-800-424-5555
UTILITIES UNDERGROUND LOCATION CENTER



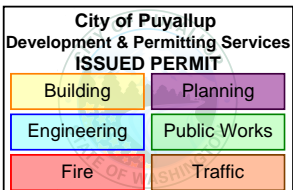
JEFF BROWN
ARCHITECTURE

JEFF BROWN ARCHITECTURE
12181 C STREET SOUTH
TACOMA, WA 98444

PROJECT LEAD
JEFFREY E. BROWN
253.606.8324
jeff@jeffbrowarchitecture.com



PROJECT NAME/ADDRESS



WASHINGTON STATE FAIR
GOLD GATE - FOUNTAIN
110 9TH AVE SW
PUYALLUP, WA 98371

DRAWING TYPE

PERMIT
DOCUMENTS

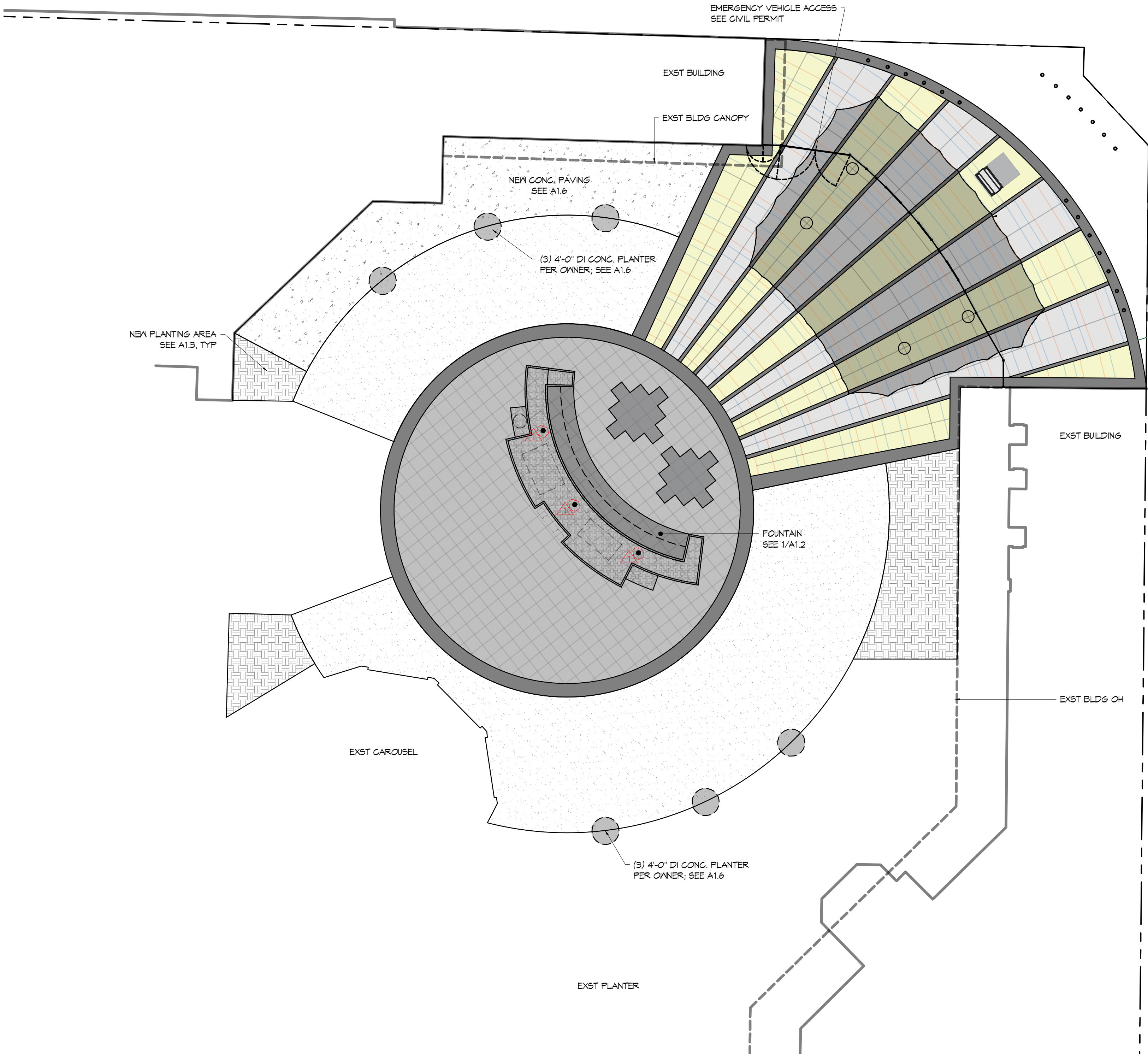
ISSUE DATE	ISSUE DESCRIP.	NO.
10.11.24	PERMIT	
02.18.25	FIELD REV	

SHEET TITLE

SITE PLAN
OVER ALL

SHEET #

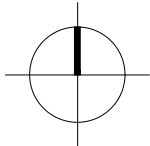
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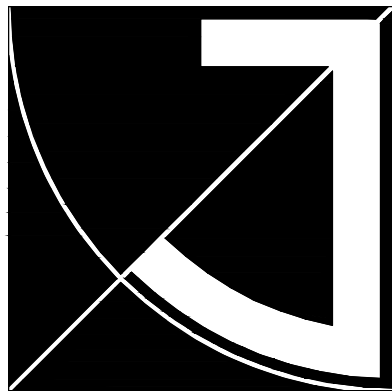


SEE FOLLOWING PERMIT FOR
- CANOPY & PLAZA LAYOUT (BLDG)
PER PERMIT # PRGNC20231601 (GOLD GATE)
- CIVIL PERMIT (INCLUDING UNDERGROUND UTILITY)
PRCCP20231620
- FENCE PERMIT
PRFN20241193

SITE PLAN - OVERALL

(11X17) SCALE: 1" = 40'-0"
(22X34) SCALE: 1" = 20'-0"

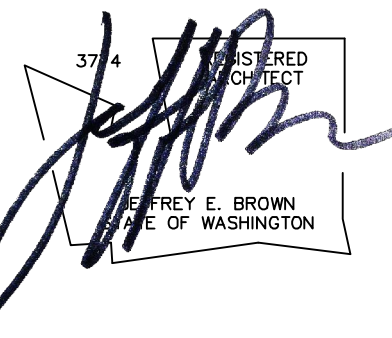




JEFF BROWN
ARCHITECTURE

JEFF BROWN ARCHITECTURE
12181 C STREET SOUTH
TACOMA, WA 98444

PROJECT LEAD
JEFFREY E. BROWN
253.606.8324
jeff@jeffbrownarchitecture.com



PROJECT NAME/ADDRESS

City of Puyallup Development & Permitting Services	
ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

WASHINGTON STATE FAIR
GOLD GATE - FOUNTAIN
110 9TH AVE SW
PUYALLUP, WA 98371

DRAWING TYPE

PERMIT
DOCUMENTS

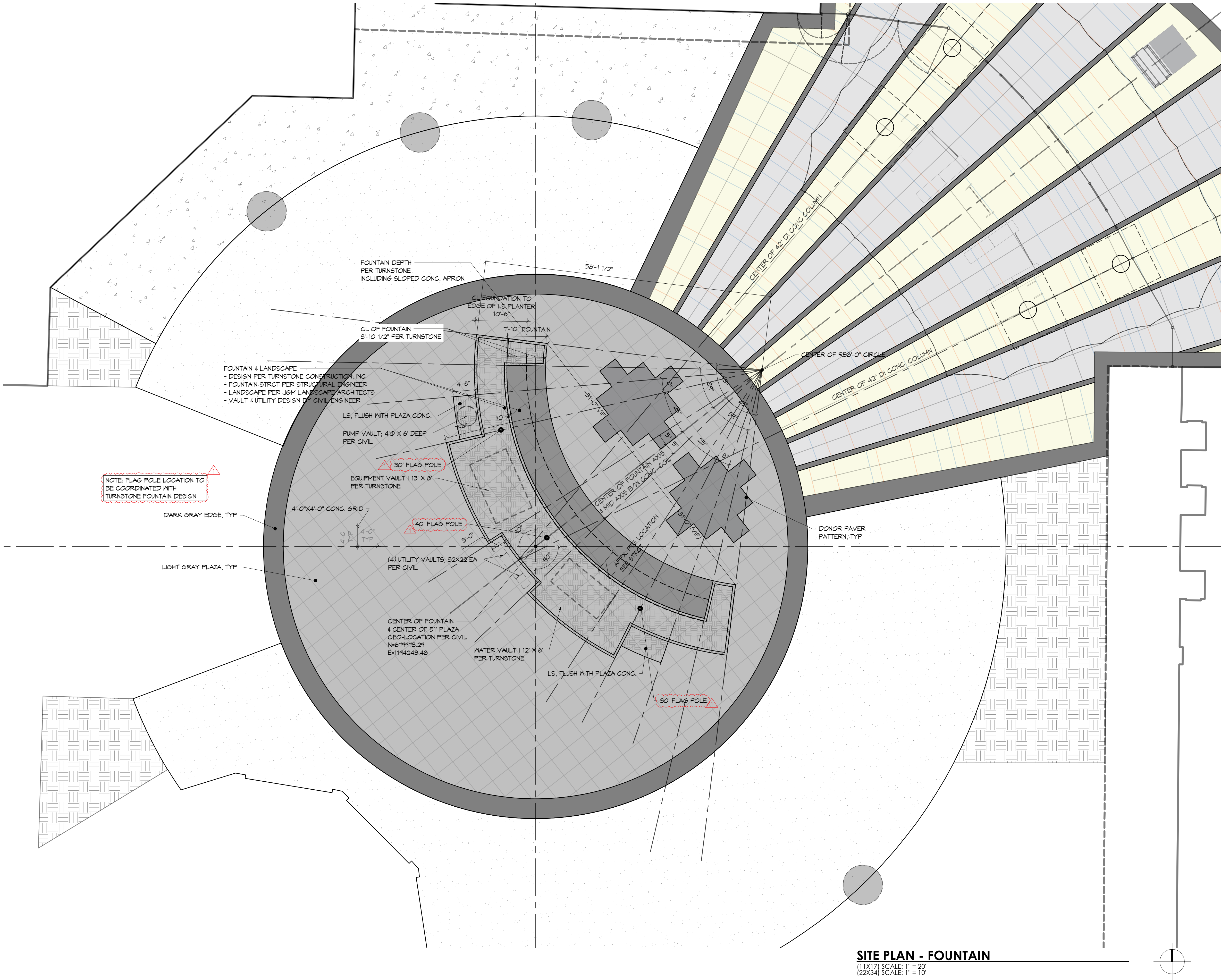
ISSUE DATE	ISSUE DESCRIPT.	NO.
10.11.24	PERMIT	
02.18.25	FIELD REV	

SHEET TITLE

SITE PLAN
FOUNTAIN

SHEET #

A1.2





PROJECT LEAD
JEFFREY E. BROWN
253.606.8324
jeff@jeffbrowncarchitecture.com

JEFFREY E. BROWN
253.404.8324

eff@jeffbrowarchitecture.com

PROJECT NAME/ADDRESS



110 9TH AVE SW
PUYALLUP, WA 98371

DRAWING TYPE

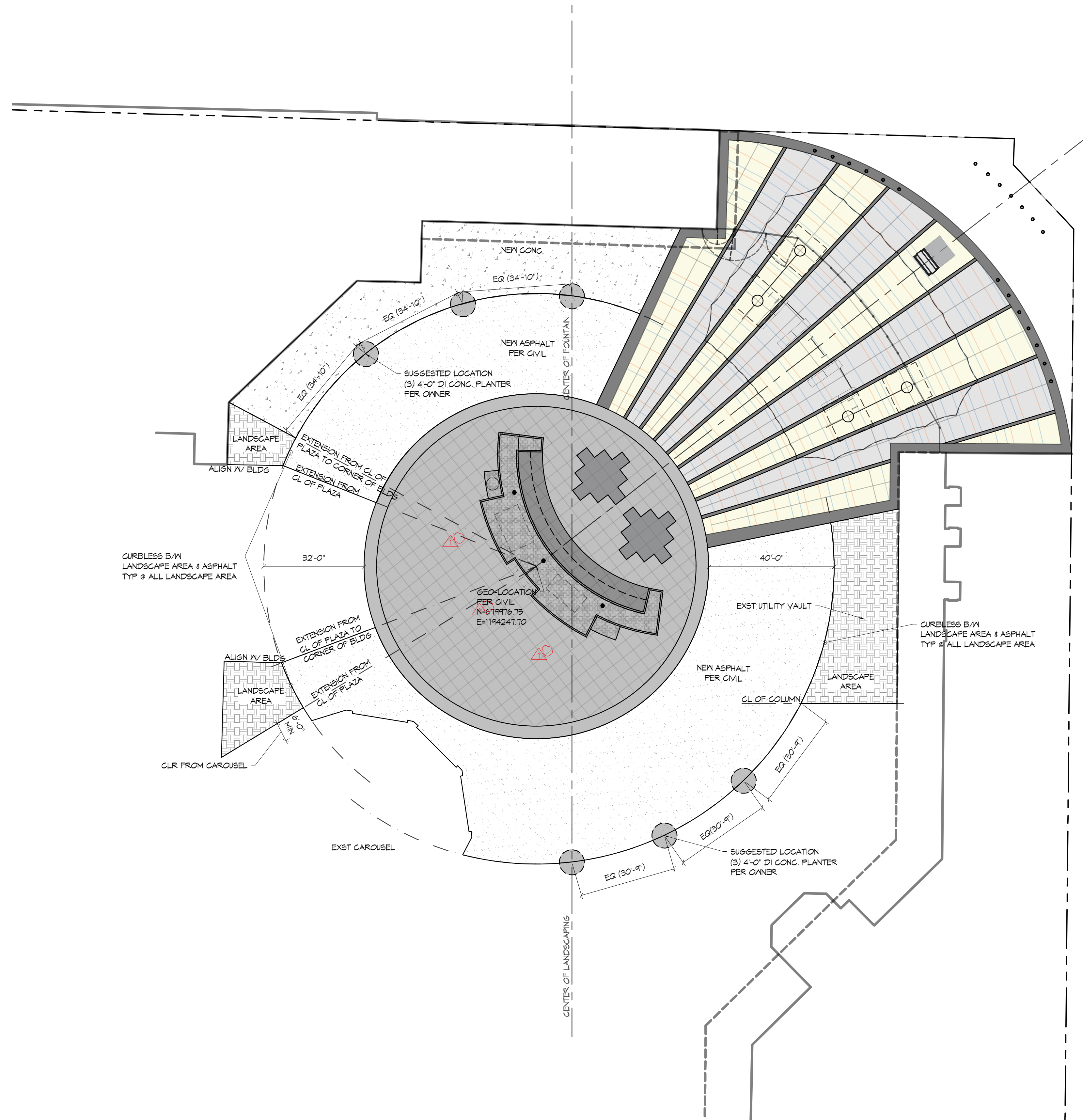
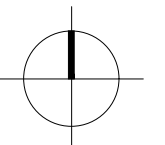
PERMIT DOCUMENTS

SHEET TITLE

ITE PLAN LANDSCAPING

EET #

A1.3



SITE PLAN - LANDSCAPE

(11X17) SCALE: 1" = 40'
(22X34) SCALE: 1" = 20'

1.0 Construction Notes.

These notes supplement the specification. Any discrepancy found among the drawings, specifications, these notes, and the site conditions shall be reported to the Architect/Engineer, who shall correct such discrepancy in writing. Any work done by the Contractor after discovery of such discrepancy shall be done at the Contractor's risk. The Contractor shall verify and coordinate the dimensions among all drawings prior to proceeding with any work or fabrication. The Contractor is responsible for all erection bracing, formwork and temporary construction shoring.

1.10 Bidder's warranty.

By the act of submitting a bid for the proposed contract, the Contractor warrants that: The Contractor and all subcontractors he intends to use have carefully and thoroughly reviewed the drawings and structural notes and have found them complete and free from ambiguities and sufficient for the purpose intended; further that, The Contractor has carefully examined the site of the work and that from his own investigations, he has satisfied himself as to the nature and location of the work, as to the character, quality, quantities of material and difficulties to be encountered, as to the extent of equipment and other facilities needed for the performance of the work and as to the general and local conditions, and other items which may in any way affect the work or its performance, further that, The Contractor and all workmen he intends to use are skilled and experienced in the type of construction represented by the drawings and documents bid upon; further that, Neither the Contractor nor any of his employees, agents, intended suppliers, or subcontractors have relied upon any verbal representations allegedly authorized or unauthorized from the owner or his employees or agents, including the Architect or Engineers, in assembling the bid figures; further that, The bid figure is based solely upon the construction contract documents and properly issued written addenda and not upon any other written or verbal representations.

1.20 Codes.

All methods, materials and workmanship shall conform to the 2021 International Building Code (IBC) as amended and adopted by the local building authority. All reference to other codes and standards, (ACI, ASTM, etc.), Shall be for the latest or most current edition available.

1.30 Design criteria.

Uniform loads:		
Loads	Live load	Dead load
Roof	25 psf*	actual

*15% increase in stresses for wood framing allowed for snow live load.

Concentrated loads:

Mechanical units or other concentrated loads on roof or floor. All manufacturers of pre-engineered systems shall locate, coordinate, verify weights, etc., And design their system for these loads.

Lateral loads:

Wind (IBC 1609)

110 MPH - 3 second gust

Iw = 1.0

Exposure C

Earthquake Design Data (IBC 1613)

Ie = 1.0

Ss = 1.27

S1 = 0.438

Site Class D

SDS= 1.06

SD1 = 0.679

Seismic Design Catagory D

Cantilever Column Systems - Special reinforced concrete

Cs = .70

R = 1.50

Equivalent lateral force method

1.40 Soil data.

2500 psf bearing. See soils report by Earth Solutions, July 18th, 2023

1.50 Inspection - see specifications.

1.60 Differed Submittals / Shop drawings.

Submit differed submittals / shop drawings to be reviewed by the Engineer for the following:

Concrete mix
Reinforcing steel

1.70 Miscellaneous.

Verify all dimensions and conditions in the field.

Verify size and location of all openings in the floors, roof and walls with Architectural, mechanical and electrical drawings.

Construction details not specifically shown on the drawings shall follow similar details of sections of this project as approved by the Architect/Engineer.

See architectural, mechanical and electrical drawings for dimensions and locations of openings not dimensioned or shown on structural plans.

1.80 Special Inspections

Special inspection in accordance with IBC section 1704 shall be provided for the following work items: (Refer tp Section 1704 for complete descriptions)

Item	Required for	Frequency
Reinforced Concrete	Reinforcing Reinforcing welding Bolts installed in concrete Use of correct design mix Slump & air tests Placement of concrete	Periodic Continuous Periodic Continuous Continuous Periodic
Soil compaction	Bearing capacity	Periodic

1.90 Quality Assurance

Quality Assurance Plans for Seismic Resistance: Unless otherwise provided by the Architect or other Consultants for this project, the Contractor shall provide quality assurance for each of the following systems:

Piping systems and mechanical units containing flammable combustibile or highly toxic materials.

Anchorage of electrical equipment used for emergency or standby power systems.

Suspended ceiling systems and their anchorage.

Each Contractor responsible for the construction of the building's seismic-force-resisting system or other system listed in the quality assurance plan(s) shall submit a written contractor's statement of responsibility to the Building Official, Owner and Architect prior to commencement of the work on that system. The statement of responsibility shall meet all the requirements of IBC 1705.3.

2.0 Site work.

2.10 Excavation.

Excavate to depth shown and to firm undisturbed material. Over-excavations shall be backfilled with lean concrete (f'c = 2,000 psi) at the Contractor's expense. Exercise extreme care during excavation to avoid damage to buried lines, tanks, and other concealed items. Upon discovery, do not proceed with work until receiving written instructions from Architect. A competent representative of the owner shall inspect all footing excavations for suitability of bearing surfaces prior to placement of reinforcing steel. Provide drainage as necessary to avoid water-softened subgrade.

2.20 Fill, backfill and compaction.

Backfill against walls shall not be placed until after the removal of all material subject to rot or corrosion. All fill placed against retaining walls or basement walls shall be free-draining granular material. Structural fill other than pea gravel shall be granular, placed in 6 inch lifts and compacted to at least 95% of its maximum dry density as determined by ASTM D-1557 (Mod. Proctor) and ASTM D-698 (Standard Proctor). Pea gravel fill shall have a maximum particle size of 3/8" diameter.

3.0 Structural Concrete.

3.10 General.

All concrete shall be hard rock concrete meeting requirements of ACI-301, "Specifications for Structural Concrete for Buildings." Proportioning of ingredients for each concrete mix shall be by method 2 or the alternate procedure given in ACI-301. Place concrete per ACI-304 and conform to ACI-604(306) for winter concreting and ACI-605(305) for hot weather concreting. Use interior mechanical vibrators with 7,000 rpm minimum frequency. Do not over-vibrate. Concrete shall be placed in a single pour between construction or control joints. Protect all concrete from premature drying, excessive hot or cold temperature for seven days after placing.

3.20 Strength.

Twenty-eight day compressive strengths shall be:

	psi	slump
Slabs	4000	3" +/- 1"
Beams, columns, vertically		
Formed walls	4000	3" +/- 1"
Footings	4000	4" +/- 1"

These slumps may be increased with proper addition of admixtures for workability without changing the water content of the original aproved mix design. Admixtures containing chlorides are not permitted unless approved by the Engineer.

3.30 Materials.

Cement: ASTM 150, type I or type I-II. Engineer's approval is needed for use of type III cement.

Coarse and fine aggregate: ASTM C-33.

Water shall be clean and potable.

3.40 Water reducing admixtures.

Water reducing admixture: ASTM C-494. Admixtures shall be used in exact accordance with manufacturer's instructions.

Synergized performance systems: Concrete using admixtures to produce flowable concrete may be used subject to Engineer's approval.

Air entrainment: ASTM C-260 and ASTM C-494, entrain 4% plus/minus 1% by volume in all exposed concrete and footings.

No other admixtures permitted unless approved by the Engineer.

3.50 Formwork and shoring.

Follow recommended practice for concrete formwork (ACI-347).

Reshoring for early removal of original supports will not be permitted.

While reshoring operations are underway, no construction loads will be permitted on the new construction.

All shoring shall be the responsibility of the Contractor. Formwork supports and shoring shall be designed to provide finished concrete surfaces at all faces level, plumb, and true to the dimensions and elevations shown. Tolerances and variations shall be as specified.

3.60 Reinforcing steel.

Detail, fabricate, and place per ACI-315 and ACI-318. Support reinforcement with approved chairs, spacers, or ties.

Deformed bar reinforcement: ASTM A-615 Grade 60

Welded deformed bar reinforcement: ASTM A-706 Grade 60, weldable grade, submit weld procedures and mill certificates showing carbon content for all bars to be welded.

Welded wire fabric: ASTM A-185 & ASTM A-82 fy = 65 ksi
Deformed bar anchors: ASTM A-496

All reinforcing shall be lap-spliced a minimum lap of 40 bar diameters except as noted specifically on the structural drawings. No more than 50% of horizontal or vertical bars shall be spliced at one location.

Provide elbow bars (40 diameter) to lap horizontal steel at corners and intersections in footings and walls.

Lap welded fabric 12" or one spacing plus 2", whichever is more.

3.70 Concrete cover on reinforcing (unless shown otherwise).

Bottom of footings	3"
Formed earth face & slab-on-grade	2"
Walls, weather face	1-1/2"
Columns and beams to stirrups	1-1/2"
Bottom of interior slab	3/4"
Walls, inside face	1"

3.80 Construction joints.

Construction joint spacing in walls shall not exceed 50' on center except as directed by the Architect/Engineer.

Horizontal construction joints in beams and girders are not permitted except where indicated. Vertical construction joints in beams and slabs shall be located between the midpoint and the third point of the span. Unless noted otherwise, location of the construction or control joints in slab-on-grade shall be on column grids or under permanent partitions and shall not exceed 20'-0" c/c each way.

No joists, beams or girders shall be sleeved for piping or conduit except as noted on the structural drawings or as approved by the Architect/Engineer.

Electrical conduit in slabs, shall be placed at the mid-depth of the slab at a minimum spacing of three times the conduit diameter. Conduit outside diameter shall not exceed one-third of the slab thickness.

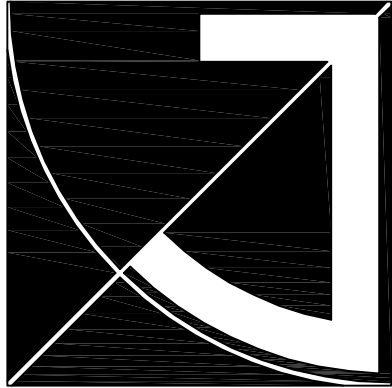
Provide control joints in exposed hollow core topping at each end of each hollow core plank. Provide additional joints parallel to planks at 16' o/c maximum.

REINFORCED CONCRETE

TABLE 1705.3 REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION				
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCE O STANDARD *	IBC REFERENCE
1. Inspect reinforcement, including prestressing tendons, and verify placement.	-	X	ACI 318: CH 20, 25.2, 25.3, 25.5.1-25.5.3	1908.4
2. Reinforcing bar welding: a. verify weldability of reinforcing bars other than ASTM A706; b. inspect single-pass fillet welds, max 5/16", and c. inspect all other welds.	-	X	AWS D1.4 ACI318: 26.4	-
3. Inspect anchors cast in concrete.	X	X	ACI318: 17.8.2	-
4. Inspect anchors post-installed in hardened concrete members. * a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads. b. Mechanical anchors and adhesive anchors not defined in 4.a.	X	X	ACI 318: 17.8.2.4 ACI318: 17.8.2	-
5. Verify use of required design mix.	-	X	ACI 318: CH 19,25.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete	X	-	ASTM C172, ASTM C31, ACI 318: 26.5, 26.12	1908.10
7. Inspect concrete and shotcrete placement for proper application techniques	X	-	ACI 318: 26.5	1908.5, 1908.7, 1908.8
8. Verify maintenance of specified curing temperature and techniques	-	X	ACI 318: 26.5.3-26.5.5	1908.9
9. Inspect prestressed concrete for: a. Application of prestressing forces; and b. Grouting of bonded prestressing tendons	X	-	ACI318: 26.10	-
10. Inspect erection of precast concrete members	-	X	ACI318: 26.9	-
11. Verify in-situ concrete strength, prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs	-	X	ACI318: 26.11.2	-
12. Inspect formwork for shape, location, and dimensions of the concrete member being formed	-	X	ACI318: 26.11.1.2(b)	-

ABBREVIATIONS

ABBREVIATION	MEANING	ABBREVIATION	MEANING
@	AT	HDR	HEADER
Ø	DIAMETER	HORIZ	HORIZONTAL
//	PARALLEL	MFR	MANUFACTURE
B.U.	BUILT UP		OR MANUFACTURED
BLKG.	BLOCKING	O.C.	ON CENTER
BOTT.	BOTTOM	PL.	PLATE
BRG.	BEARING	REQ'D	REQUIRED
CLR.	CLEAR	SCHED	SCHEDULE
COL.	COLUMN	SHTHG.	SHEATHING
CONN.	CONNECTION	SIM.	SIMILAR
CONT.	CONTINUE	TYP.	TYPICAL
DBL	DOUBLE	U.N.O.	UNLESS NOTED OTHERWISE
EA.	EACH		
EQ.	EQUAL	VERT	VERTICAL
F.O.	FACE OF	W/	WITH



JEFF BROWN ARCHITECTURE

JEFF BROWN ARCHITECTURE
12181 C STREET SOUTH
TACOMA, WA 98444

PROJECT LEAD

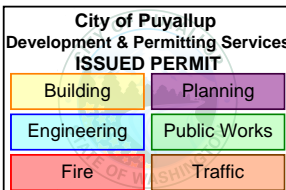
JEFFREY E. BROWN
253.606.8324
jeff@jeffbrownarchitecture.com

STRUCTURE ENGINEER

C. CHRISTIAN FYNBOE
253.537.8128
ccfynboe@cs.com



PROJECT NAME/ADDRESS



WASHINGTON STATE FAIR
GOLD GATE - WATER WALL

110 9TH AVE SW
PUYALLUP, WA 98371

PROJECT NUMBER

DRAWING TYPE

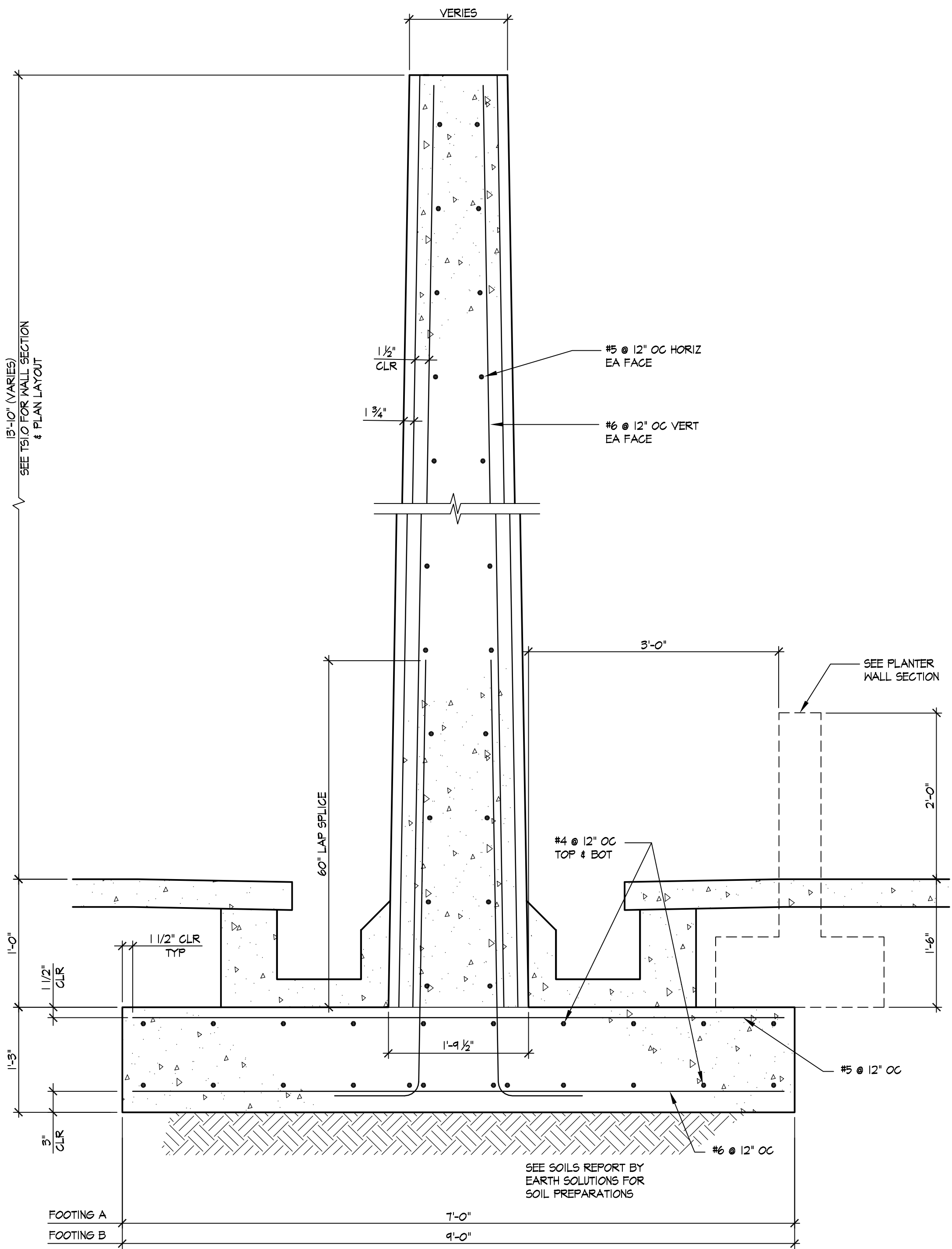
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ISSUE DATE	ISSUE DESCRIP.	NO.
10.11.24		
04.23.24	REVISION	3

SHEET TITLE

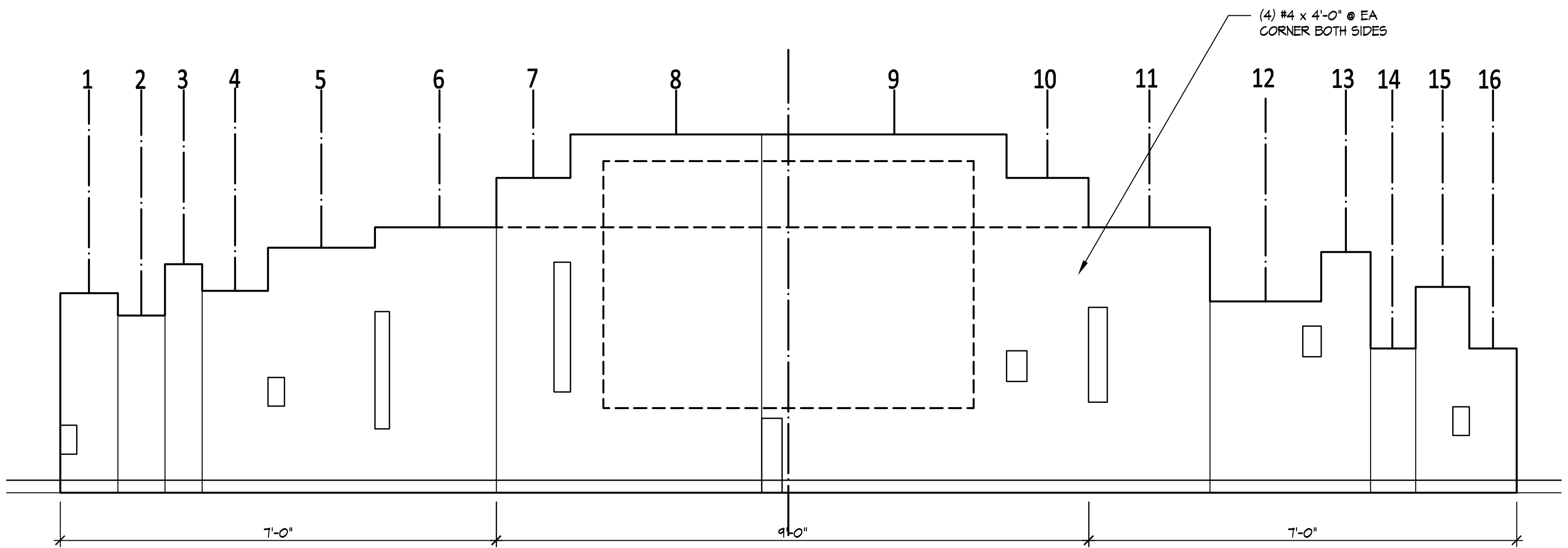
GENERAL NOTES

SHEET #

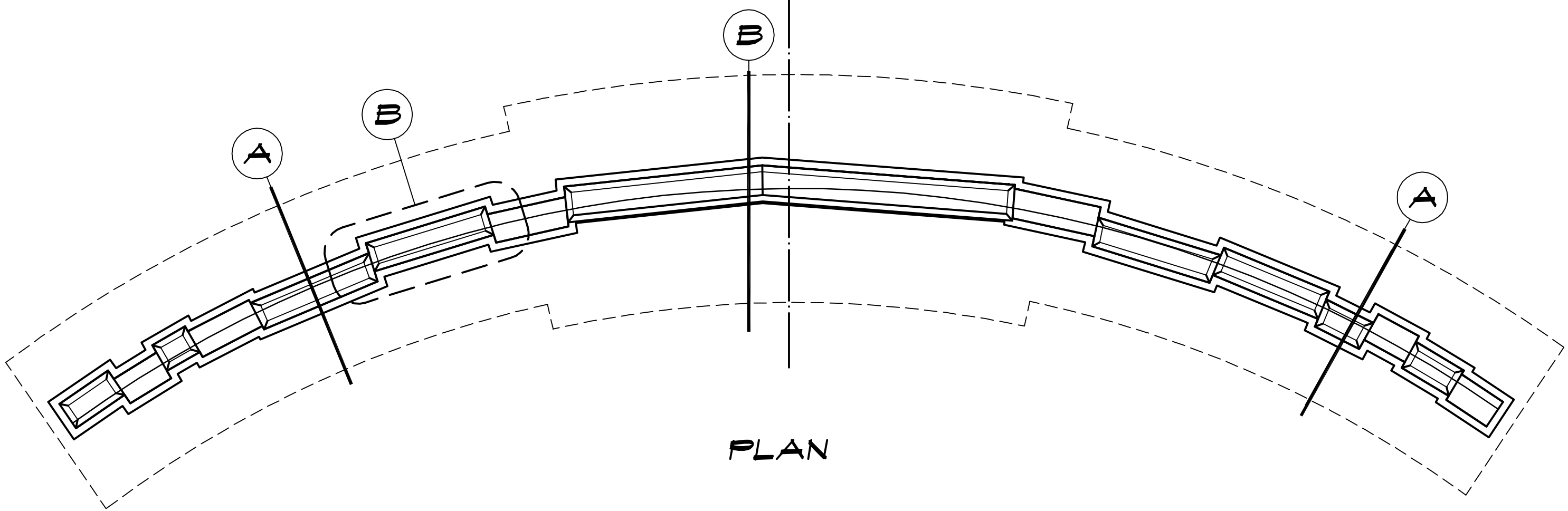


A WATER WALL SECTION

1" = 1'-0"



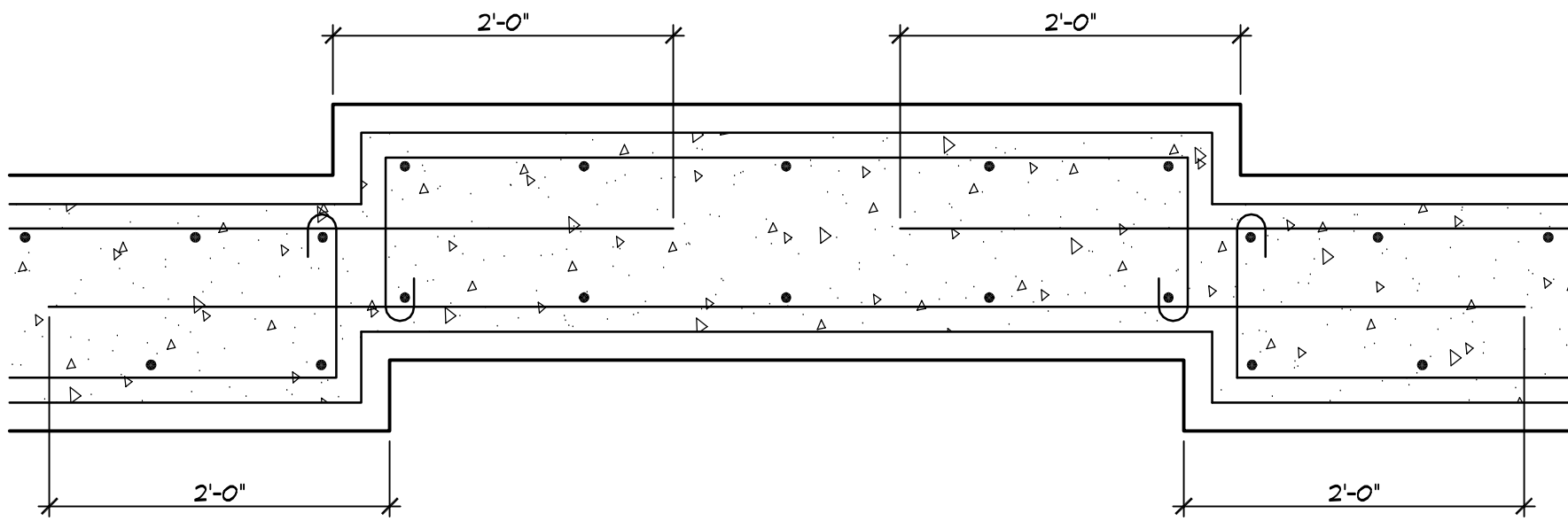
ELEVATION



PLAN

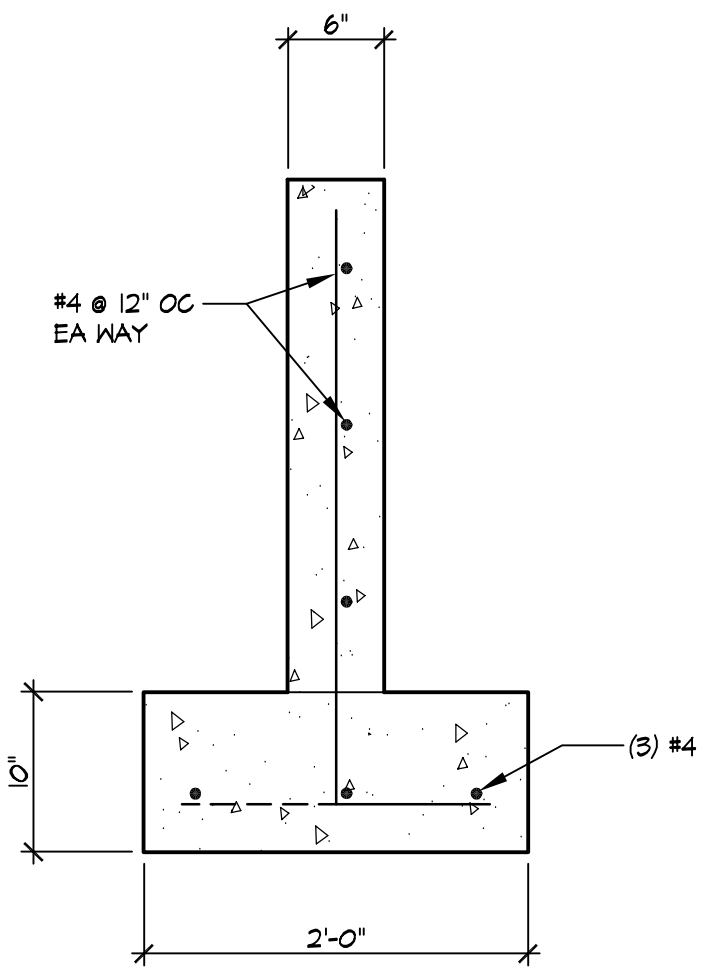
WATER WALL PLAN / ELEVATION

1/4" = 1'-0"



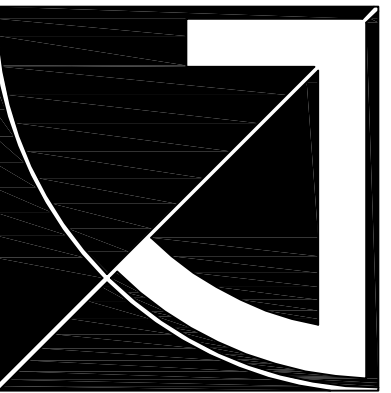
B PLAN - REBAR AT OFFSET

1" = 1'-0"



PLANTER WALL SECTION

1" = 1'-0"



**JEFF BROWN
ARCHITECTURE**

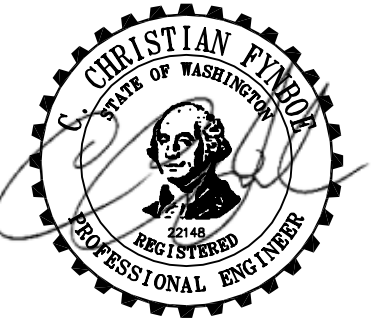
JEFF BROWN ARCHITECTURE
12181 C STREET SOUTH
TACOMA, WA 98444

PROJECT LEAD

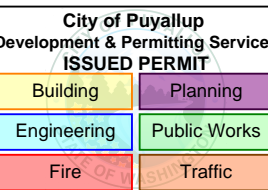
JEFFREY E. BROWN
253.406.5324
jeff@jeffbrowncarchitecture.com

STRUCTURE ENGINEER

C. CHRISTIAN FYNBOE
253.537.8128
ccfynboe@cs.com



PROJECT NAME/ADDRESS



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GOLD GATE - WATER WALL**

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**PERMIT
DOCUMENT**

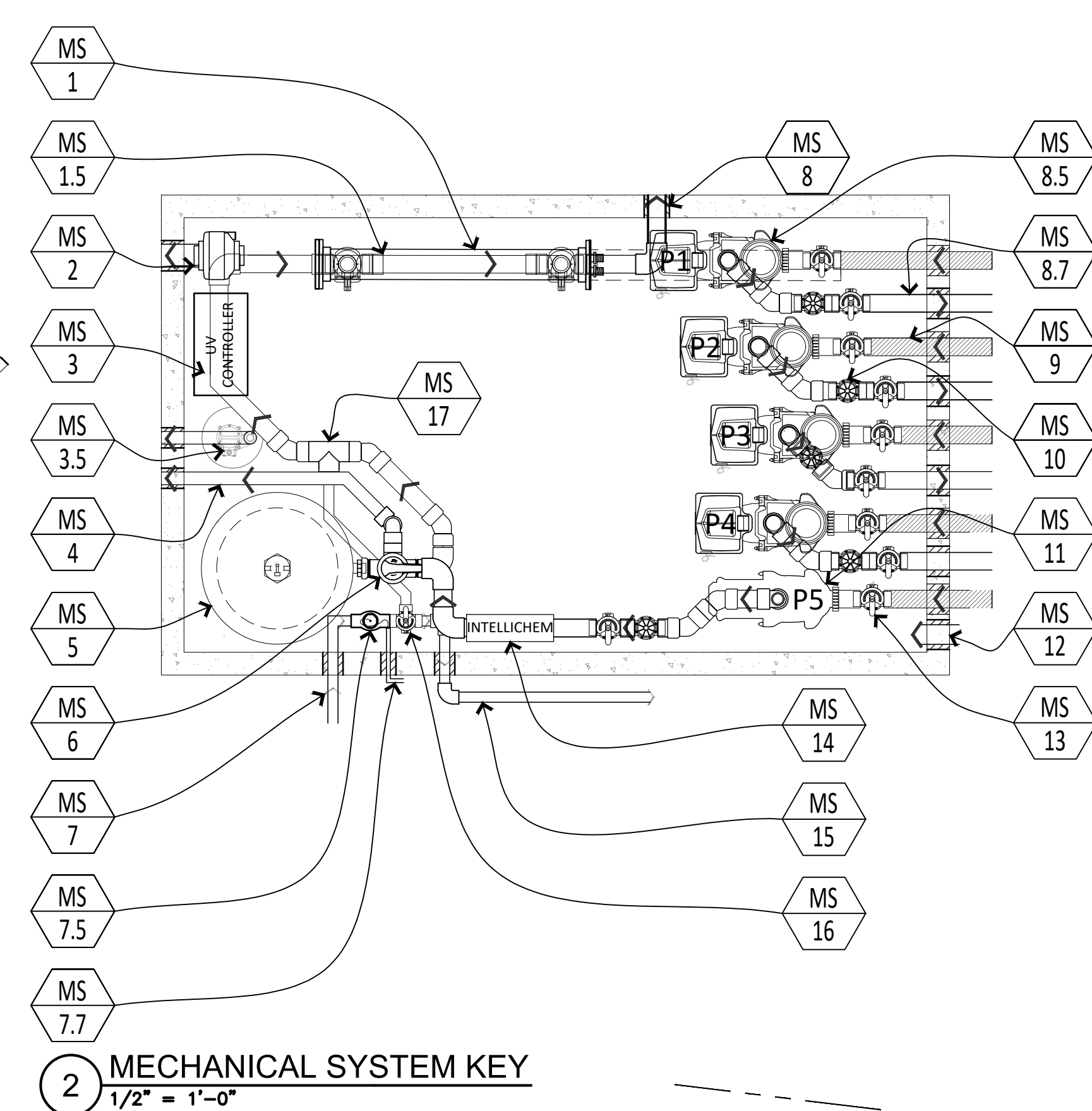
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10.11.24		

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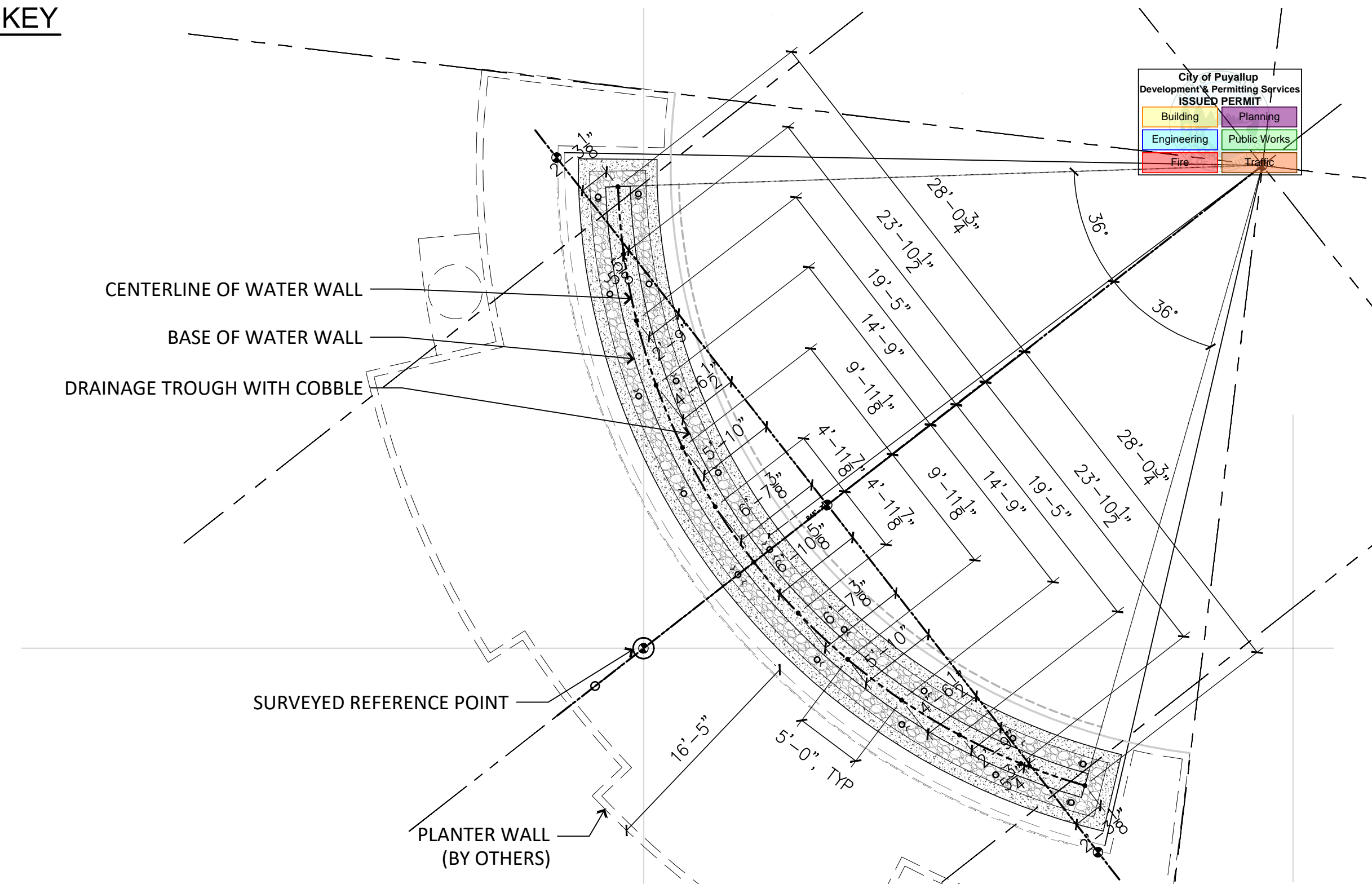
**WATER & PLANTER
WALL SECTIONS**

SHEET #

S2



MS-1 PENTAIR CVP UV TREATMENT LIGHT
MS-1.5 UV LIGHT BYPASS
MS-2 FANTECH VAULT CIRCULATION FAN-EXHAUST
MS-3 PENTAIR CVP UV TREATMENT LIGHT CONTROLLER
MS-3.5 #1 FLOOR DRAIN SUMP PUMP TO SANITARY PUMP STATION
MS-4 FILTER BACKWASH LINE TO PUMP STATION
MS-5 PENTAIR TRITON II SAND FILTER
MS-6 PENTAIR FULL FLO XF BACKWASH VALVE
MS-7 POTABLE BACKFLOW PREVENTED WATER SUPPLY
MS-7.5 AUTO-FILL SOLENOID VALVE
MS-7.7 AUTO-FILL SENSOR CONDUIT FROM WATER VAULT
MS-8 3" FILTER LOOP RETURN TO TOP OF WW
MS-8.5 PENTAIR WHISPERFLO XF VS MULTI PHASE CENTRIFUGAL FEATURE PUMPS #1 - #4
MS-8.7 SUPPLY LINES TO WATER WALL WITH LINK SEALS
MS-9 SUCTION LINES FROM WATER VAULT WITH LINK SEALS
MS-10 PENTAIR CHECK VALVE
MS-11 PENTAIR INTELLIFLO 3 CENTRIFUGAL FILTER PUMP #5
MS-12 4" PVC FRESH AIR INLET
MS-13 PENTAIR FLOW CONTROL/ISOLATION VALVE
MS-14 PENTAIR INTELLICHEM WATER CHEMISTRY MONITOR
MS-15 SUPPLY LINE TO WATER VAULT FOR VAULT FILLING
MS-16 AUTO-FILL 3-WAY VALVE TO SELECT VAULT FILL OR INJECTION POINT
MS-17 AUTO-FILL INJECTION POINT



<u>Summary</u>		
TOTAL GALLONS	2900.00	2900.00
TOTAL LENGTH OF WEIR	44.30	44.30
TOTAL FEATURE DESIGN FLOW (GPM)	553.75	664.50
TOTAL FILTER DESIGN FLOW (GPM)	100.00	100.00
TOTAL DRAINAGE CAPACITY (GPM)	1920.00	1920.00
TOTAL TRANSIT WATER (GALS)	367.33	440.79
FILTER TURNOVER RATE (MINS)	29.00	29.00
TURNOVERS PER DAY	49.66	49.66

<u>%</u>
44.39%
49.06%
54.56%
61.07%
66.67%

15	
DRAWN BY: AD	DESIGN BY: AD
CHECKED BY:	APPROVED BY:
ISSUE DATE: 10.16.2024	
SCALE:	
SHEET:	
TS PERMIT	