City of Puyallup Building **REVIEWED FOR COMPLIANCE**

RayC 11/21/2024 10:13:16 AM



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.

PRCA20241630

Special inspection is specified per the engineering design and code standards see Sheet S-1 for details.

WABO certified special inspection is required, unless other wise approved per chapter 17 of the IBC.

Geo-technical inspections; See Geo-technical report dated January 11 2024 by Earth Solutions NW, LLC for inspection recommendations by the Geo-technical engineering report. Provide reports for City inspection review.

SYMBOLS LEGEND

| ROOM IDENTIFICATION | XXX [XXX] |
|----------------------|--------------|
| DOOR NUMBER | XXX |
| WINDOW NUMBER | ⟨xx⟩ |
| EQUIPMENT NUMBER | ×x> |
| WALL TYPE | <u> </u> |
| CENTERLINE | CL |
| NORTH ARROW | |
| DATUM | • |
| REVISION | /# |
| COLUMN GRID/LINE | X |
| ENLARGED DETAIL MARK | |

ENLARGED DETAIL MARK

EXTERIOR ELEVATIONS SYMBOL



DETAIL MARK



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 SITE PLAN - LANDSCAPE STRUCTURAL **GENERAL NOTES**

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 9837

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 6/5/2020BB

PUYALLUP, WA 98371

JMJ TEAM JUSTIN JONES, PE

905 MAIN ST, SUITE 200

SUMNER, WA 98390

justin@jmjteam.com

curt.gimmestad@absherco.com 253.845.9544

DEFERRED PERMITS ELECTRICAL (L&I)

PUYALLUP, WA 98371

PROJECT DIRECTORY

THE OWNER

WASHINGTON STATE FAIR

MARTY MATTES (COO) CONTRACTOR

ABSHER CONSTRUCTION
CURT GIMMESTAD (VP)
1001 SHAW ROAD 110 9TH AVE SW`

marty@thefair.com 253.841.5356 FOUNTAIN DESIGN
TURNSTONE CONSTRUCTION, INC CIVIL ENGINEER ANDREW DORNAN 7004 180TH AVE NE, #101

REDMOND, WA 98052 adronan@turnstoneconstruction.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

LOCATION MAP

7TH AVE SM

9TH AVE SM

ABBREVIATIONS

ANGLE

DEGREE

DIAMETER

BETWEEN

BLOCKING

COLUMN

DOWN

EQUAL

EXTERIOR

CONCRETE

DIMENSION

DISH WASHER

ELECTRIC (AL)

FACE OF FINISH

FINISH FLOOR

FOOT (FEET)

FOUNDATION

FOOTING

EXPANSION JOINT

CENTERLINE

CLEAR(ANCE)

APPROXIMATE(LY)

CLEAR OPENING

CONTROL JOINT

DEMOLISH (ION)

ΑT

B/W

BLCK

APP.

CLR.

C.O.

COL.

C.J.

DN

DIM

D/W

ELEC.

E.Q.

E.J.

EXT.

F.F.

FTG

FND

F.O.F.

DEMO

CONC.

. PROJECT -

GOLD GATE

HDR

INT.

MFR

NTS

O.C.

RC

REF

SCHD

SHTG

TEM

T.O.BM

T.O.P.

T.O.S.

TYP.

U.N.O.

VIF

WIN

W.T.

W/

W/O

WD

PW, PLW

FOUNTAIN

STRUCTURAL ENGINEER CHRIS FYNBOE, P.E CHRIS FYNBOE 12181 C STREET S TACOMA, WA 98444 ccfynboe@cs.com 253.537.8128

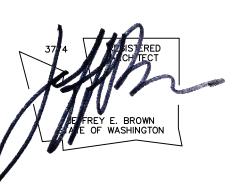
JEFF BROWN

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 OF V | Traffic | | |

WASHINGTON STATE FAIR GOLD GATE - FOUNTAIN

DRAWING TYPE

NTS (

GYPSUM WALL BOARD

HEADER

INTERIOR

MANUFACTURE

NOT TO SCALE

ON CENTER

RAIN CHAIN

REFRIGERATOR

SMOKE DETECTOR

TEMPER/SAFETY

TOP OF BEAM

TOP OF PLATE

UNLESS NOTICED

VERIFY IN FIELD

WEATHER THRESHOLD

TOP OF STEEL

TYPICAL

OTHERWISE

WINDOW

WITH WITHOUT

WOOD

PLY WOOD

SCHDULE

GLASS

SHEATHING

PERMIT DOCUMENTS

ISSUE DATE ISSUE DESCRIP.

| 10.11.24 | PERMIT | |
|----------|--------|--|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

GENERAL INFORMATION

SHEET #

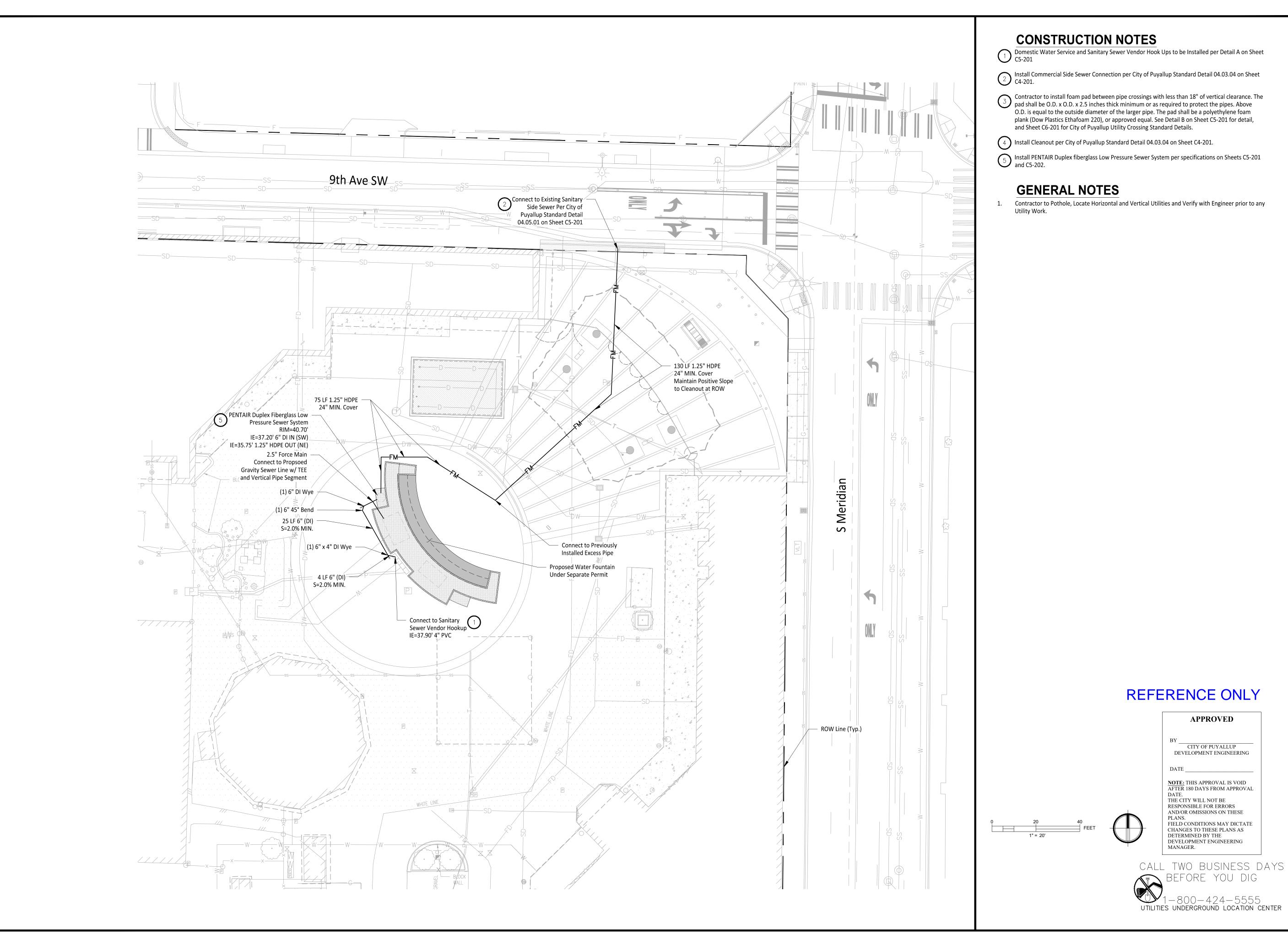
SHEET TITLE

GENERAL NOTES

- 1. CODE CONFLICTS
- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH MOST CURRENT APPLICABLE CODE AND ORDINANCES OF PIERCE COUNTY
- 2. DISCREPANCY IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPORT DISCREPANCIES FOUND WITHIN THESE DOCUMENTS TO THE ARCHITECT AS SOON AS THEY ARE
- 3. SCALING DRAWINGS
- DO NOT SCALE THE DRAWINGS. CONTACT ARCHITECT WITH ANY CONFLICTS DIMENSIONS
- DIMENSIONS ARE TO FACE OF STUD AND FACE OF CONC. U.N.O. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, EXISTING CONDITIONS, AND MEMBER SIZES PERTAINING TO THE WORK PRIOR TO PROCEEDING. ALL DIMENSIONS OF EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE ARCHITECT MUST BE NOTIFIED IN WRITING OF ANY VARIATION FROM THE DIMENSIONS AND/OR CONDITIONS SHOWN ON THESE DRAWINGS.
- 5. DOORS AND WINDOWS ALL WINDOW AND DOOR SIZES SHALL BE VERIFIED AND FIELD MEASURED PRIOR TO FABRICATION
- **EXISTING CONDITIONS**

EXISTING STRUCTURE TO REMAIN

- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AT THE SITE AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY UNCERTAINTIES OR DISCREPANCIES WITHIN THESES DOCUMENTS CONTRACTOR SHALL PROTECT THE EXISTING SITE WORK, LANDSCAPING, AND AREAS OF THE SITE NOT IN THE SCOPE OF WORK
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS BEFORE COMMENCING ANY DEMOLITION. DEMOLITION DEBRIS SHALL NOT BE ALLOWED TO DAMAGE OR OVERLOAD THE EXISTING STRUCTURE. PROTECT
- **HEALTH AND SAFETY** CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY PRECAUTIONS AND THE MEANS AND METHODS TO PERFORM THE WORK.
- CONTRACTOR SHALL PROVIDE TEMPORARY BRACING FOR THE STRUCTURE AND STRUCTURAL COMPONENTS UNTIL ALL FINAL CONNECTIONS HAVE BEEN COMPLETED IN ACCORDANCE WITH THE PLANS 9. QUALITY STANDARDS ALL CONSTRUCTION SHALL MEET OR EXCEED INDUSTRY STANDARDS. DETAILS
- ARE PROVIDED FOR MINIMUM QUALITY AND TO GIVE STANDARDS OF CONSTRUCTION. IF CONDITION IS NOT SPECIFICALLY DETAILED, SUBMIT A DETAIL FOR GUIDANCE AND REVIEW FOR ACCEPTANCE. CONTRACTOR SHALL PROVIDE BLOCKING AS REQUIRED FOR ALL CASEWORK, FIXTURE, AND SPECIALTY ITEMS.



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,

Contractor to Pothole, Locate Horizontal and Vertical Utilities and Verify with Engineer prior to any

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



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

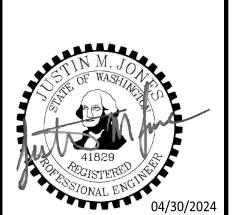
WSF Gold Gate

Redevelopment

Civil Construction Permit

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY

City of Puyallup relopment & Permitting Service ISSUED PERMIT Building Planning Engineering Public Works Fire OF W Traffic



| V | VN BY: | DM | DESIGN BY: | JJ |
|---|----------|----------|-------------------|----|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | 04-18-24 | City Co | mment Revision #2 | 2 |
| | 03-04-24 | City Co | mment Revision #: | 1 |
| | DATE | DESCRIP' | TION | |

1507-012

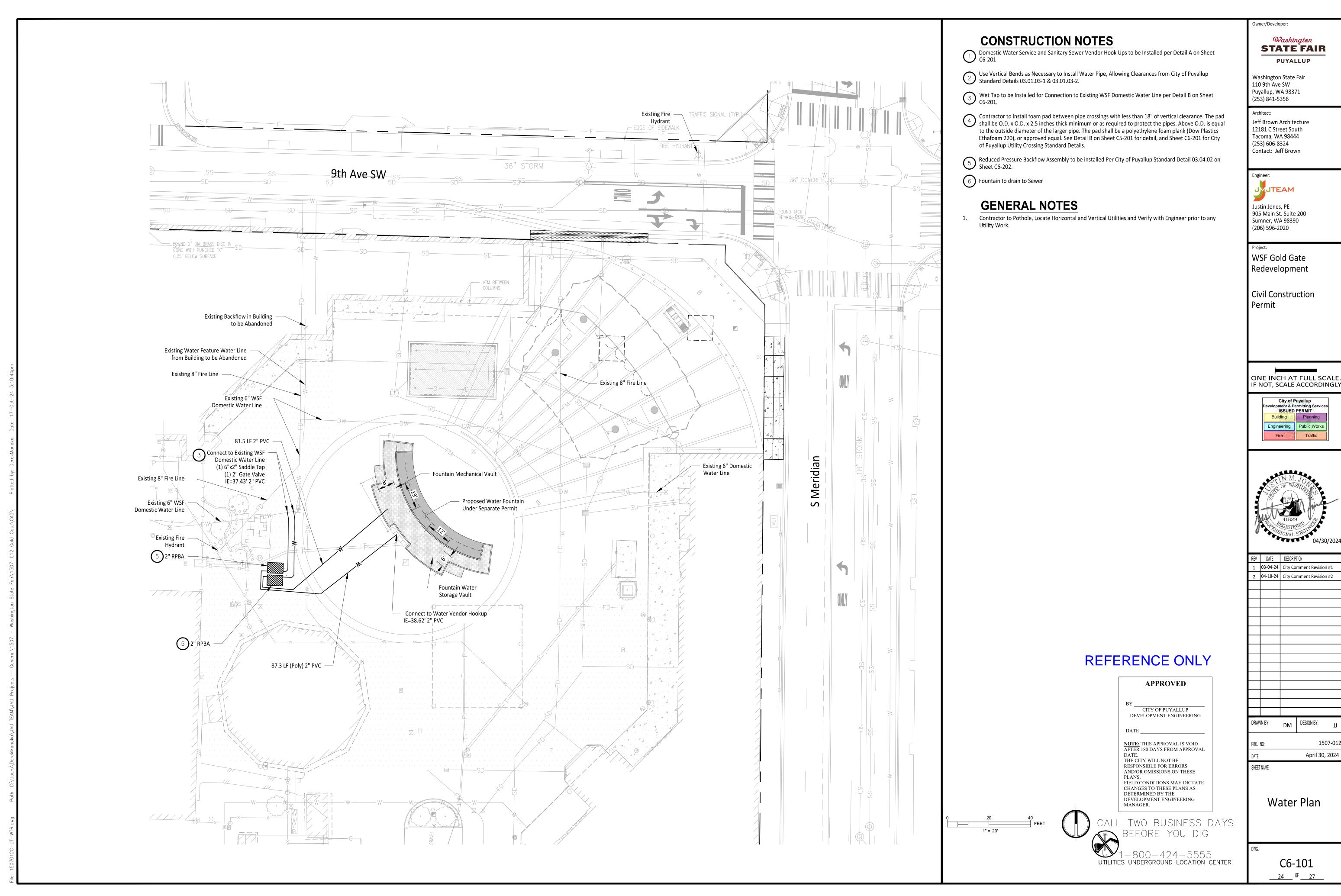
April 30, 2024

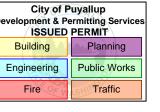
Sanitary Sewer Plan

> C5-101

DRAWN BY:

SHEET NAME

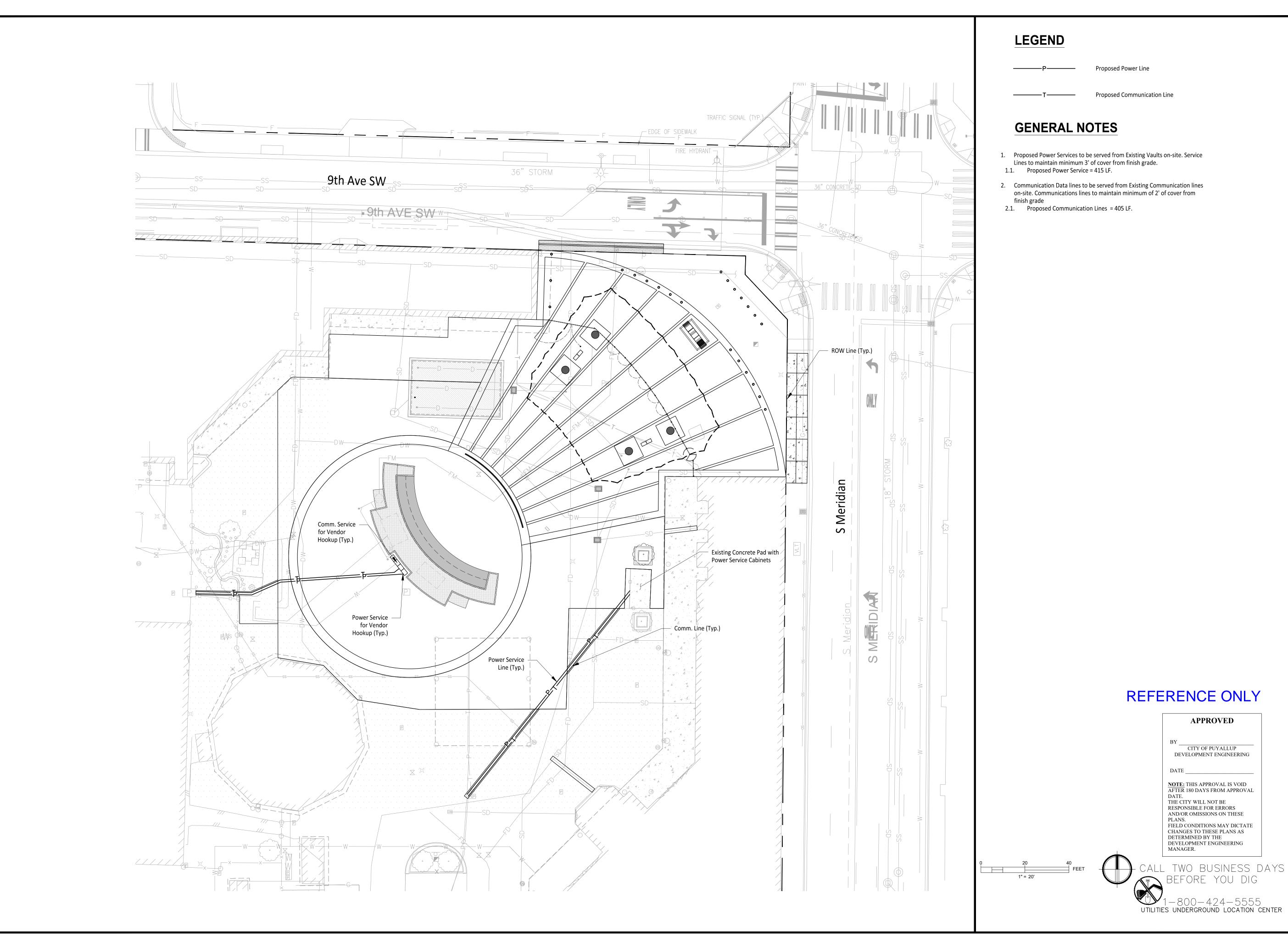






| / | DAIE | DESCRIP | IION | |
|----|----------|---------|------------------|----|
| | 03-04-24 | City Co | mment Revision # | 1 |
| | 04-18-24 | City Co | mment Revision # | 2 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| ΆV | /N BY: | DM | DESIGN BY: | JJ |

1507-012 April 30, 2024



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



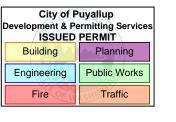
Justin Jones, PE 905 Main St. Suite 200 Sumner, WA 98390 (206) 596-2020

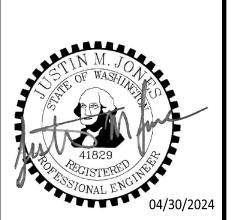
WSF Gold Gate

Redevelopment

Civil Construction Permit

ONE INCH AT FULL SCALE. IF NOT, SCALE ACCORDINGLY





| DAIE | DESCRIP | IION | |
|---------|---------|---------------|------|
| 3-04-24 | City Co | mment Revisio | n #1 |
| 4-18-24 | City Co | mment Revisio | n #2 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| BY: | DM | DESIGN BY: | IJ |

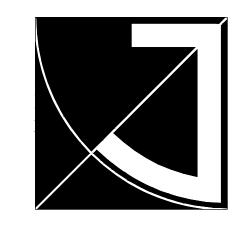
1507-012

April 30, 2024

Joint Utility

Trench Plan

C7-101

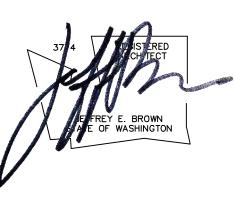


JEFF BROWN ARCHITECTURE

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 Service ISSUED PERMIT | | | |
|---|--------------|--|--|
| Building | Planning | | |
| Engineering | Public Works | | |
| Fire | Traffic | | |
| ~ | | | |

WASHINGTON STATE FAIR GOLD GATE - FOUNTAIN

DRAWING TYPE

PERMIT DOCUMENTS

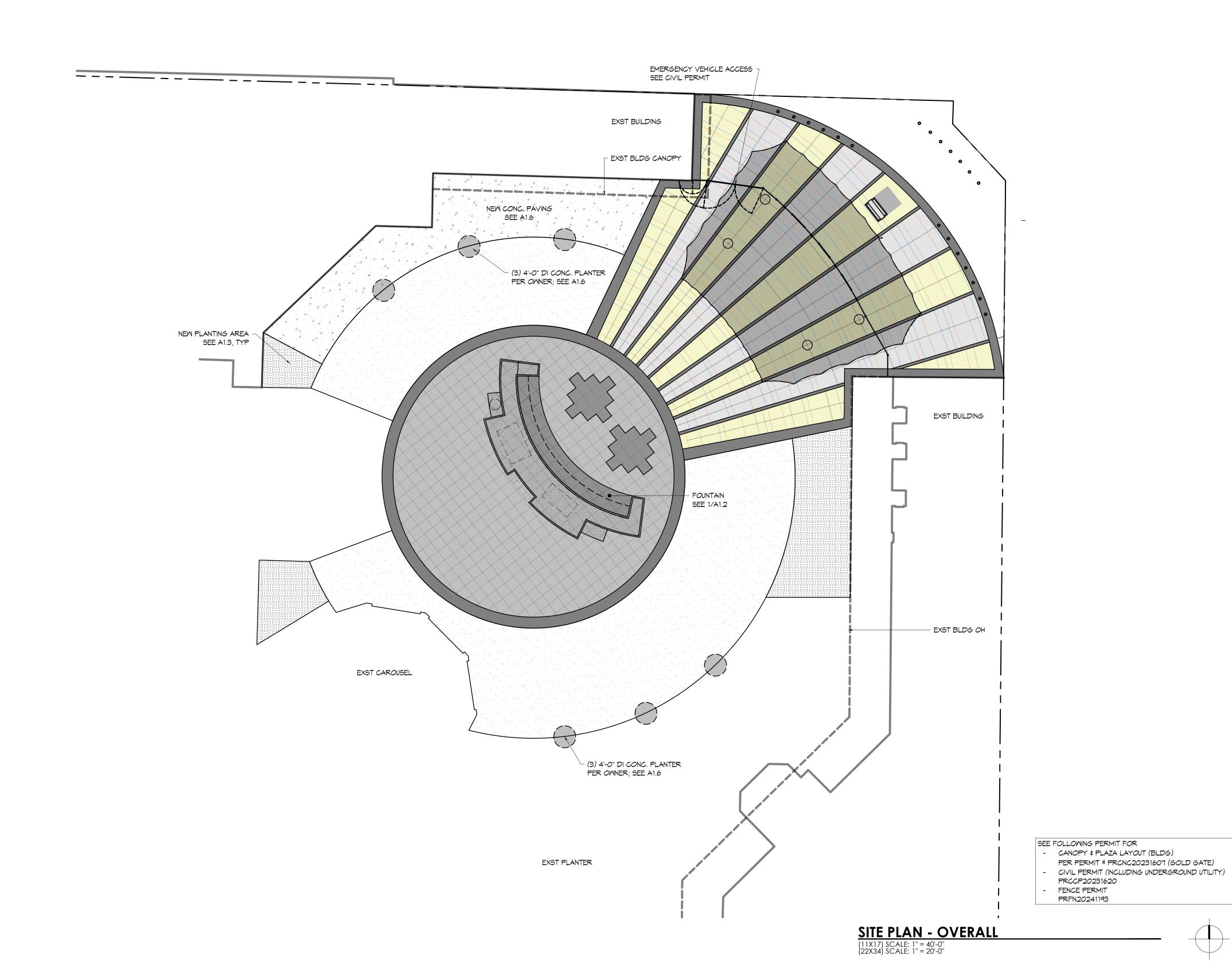
ISSUE DATE ISSUE DESCRIP. NO. 10.11.24 PERMIT

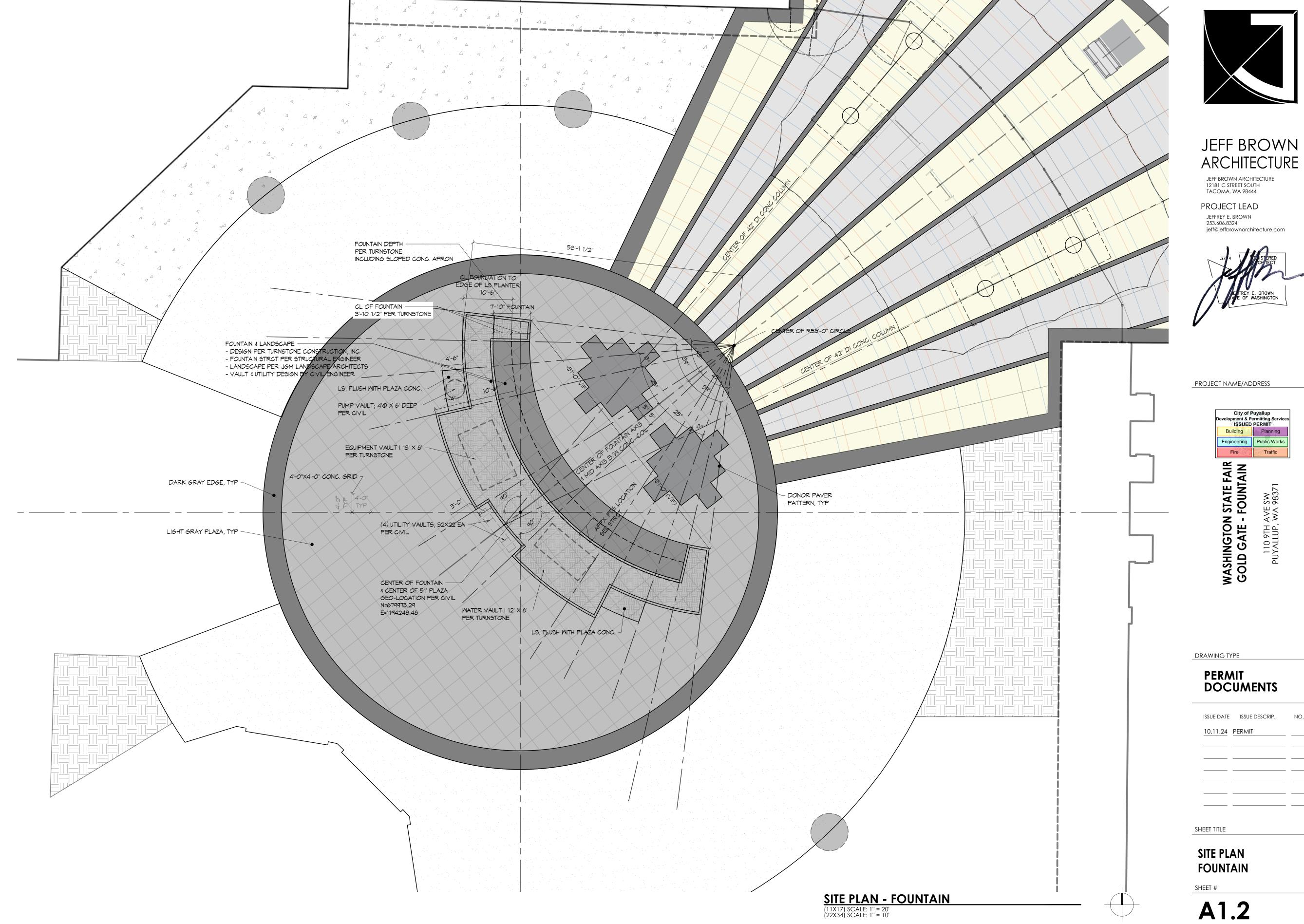
SHEET TITLE

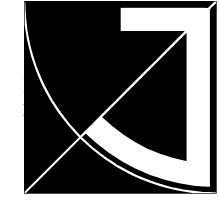
SITE PLAN **OVER ALL**

SHEET #

A1.1

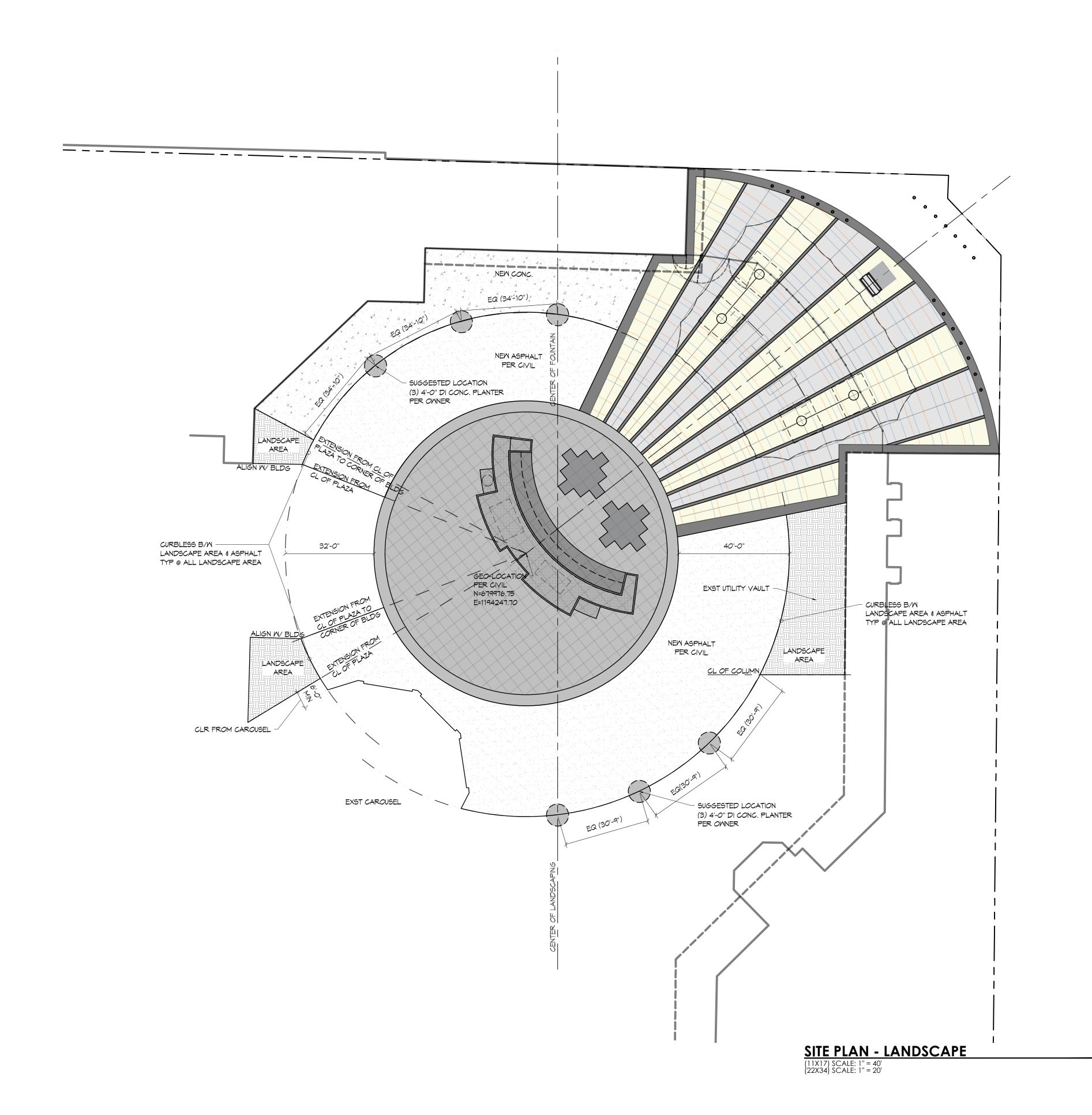


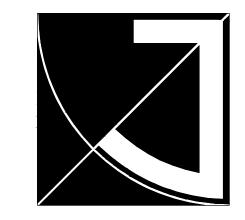






| ISSUE DATE | ISSUE DESCRIP. | NO. |
|------------|----------------|-----|
| 10.11.24 | PERMIT | |
| | | |
| | | |
| | | |





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 Serv ISSUED PERMIT | | |
|--|-------------|--|
| Building | Planning | |
| Engineering | Public Work | |
| Fire OF V | SHITraffic | |

WASHINGTON STATE FAIR GOLD GATE - FOUNTAIN

DRAWING TYPE

PERMIT DOCUMENTS

ISSUE DATE ISSUE DESCRIP. NO. 10.11.24 PERMIT

SHEET TITLE

SITE PLAN LANDSCAPING

A1.3

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 preengineered 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) le = 1.0

Ss = 1.27 $S_1 = 0.438$ Site Class D $S_{DS} = 1.06$

 $S_{DI} = 0.679$

Seismic Design Catagory D Cantilever Column Systems - Special reinforced concrete

Cs = .70R = 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 Differred Submittals / Shop drawings.

Submit differred 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

Soil compaction

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

| \ 1 | 1 , | |
|---------------------|-----------------------------|------------|
| Item | Required for | Frequency |
| Reinforced Concrete | Reinforcing | Periodic |
| | Reinforcing welding | |
| | Bolts installed in concrete | Continuous |
| | Use of correct design mix | Periodic |
| | Slump & air tests | Continuous |
| | Placement of concrete | Continuous |
| | | Periodic |
| | | |

Bearing capacity

1.90 Quality Assurance

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

Piping systems and mechanical units containing flammable combustible or highly toxic

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 freedraining 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:

4000 3" +/- 1" Beams, columns, vertically 4000 3" +/- 1" Formed walls 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

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

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.

Periodic

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.

ASTM A-185 & ASTM A-82 fy = 65 ksiWelded wire fabric: 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 2" Formed earth face & slab-on-grade 1-1/2" Walls, weather face 1-1/2" Columns and beams to stirrups

Bottom of interior slab 3/4" Walls, inside face

3.80 Construction joints.

one-third of the slab thickness.

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

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.

TABLE 1705.3

slabs

Inspect formwork for shape

location, and dimensions of

the concrete member being

REINFORCED CONCRETE

| REC | QUIRED SPECIAL INSPECTION | | | | N |
|-----|--|-------------------------------------|-----------------------------------|--|---|
| | TYPE | CONTINUOUS SPECIAL INSPECTION | PERIODIC SPECIAL INSPECTION | REFERENCE D STANDARD | IBC REFERENC |
| | Inspect reinforcement, including prestressing tendons, and verify placement. | - | × | ACI 318: CH 20, 25.2, 25.3, 26.6.1-26.6.3 | 1908.4 |
| | Reinforcing bar welding: a. verify weldability of reinforcing bars other than ASTM A706; b. inspect single-pass fillet | - | X | AWS D1.4 ACI318: 26.6.4 | - |
| | welds, max 5/16", and c. inspect all other wells. | X | | | |
| | Inspect anchors casts in concrete. | - | х | ACI318: 17.8.2 | - |
| | 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 | - |
| | Verify use of required design mix. | • | × | ACI 318: CH 19,26.4.3, 26.4.4 | 1904.1, 1904.2, 1908.2, 1908.3 |
| | Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete | × | - | ASTM C172, ASTM C31, ACI 318: 26.5, 26.12 | 1908.10 |
| | Inspect concrete and shotcrete placement for proper application techniques | × | - | ACI 318: 26.5 | 1908.6, 1908.7, 1908.8 |
| | Verify maintenance of specified curing temperature and techniques | - | х | ACI 318: 26.5.3-26.5.5 | 1908.9 |
| 9. | Inspect prestressed concrete for: a. Application of presstressing forces; and b. Grouting of bonded | X X | - | ACI318: 26.10 | - |
| | prestressing tendons Inspect erection of precast | - | × | ACI318: 26.9 | - |
| 11. | concrete members 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 | - | x | ACI318: 26.11.2 | - |

ACI318: 26.11.1.2(b)

ABBREVIATIONS

| ABBREVIATION MEANING | | ABBREVIA | ABBREVIATION MEANING | |
|----------------------|------------|----------|----------------------|--|
| @ | AT | HDR | HEADER | |
| Ø | DIAMETER | HORIZ | HORIZONTAL | |
| <i>[]</i> | PARALLEL | MFR | MANUFACTURE | |
| B.U. | BUILT UP | | OR MANUFACTURED | |
| BLKG. | BLOCKING | O.C. | ON CENTER | |
| BOTT. | воттом | 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 | |
| EA. | EACH | | OTHERWISE | |
| EQ. | EQUAL | VERT | VERTICAL | |
| F.O. | FACE OF | W/ | WITH | |

REINFORCED CONCRETE

TABLE 1705.3

REOUIRED

VERIFICATION

AND

INSPECTION OF

CONCRETE

CONSTRUCTION

CONTINUOUS PERIODIC

X

REFERENCED IBC

ACI 318: 3.5,

AWS D1.4

ACI 318:

8.1.3, 21.2.8

ACI 318:

3.8.6, 8.1.3,

21.2.8

ASTM C 172

ASTM C 31

ACI 318: 5.6,

ACI 318: 5.9,

ACI 318: 5.11

ACI 318: 18.20

ACI 318:

18.18.4

ACI 318: Ch. 16

ACI 318: 6.2

ACI 318: 6.1.1

X

X

X

ACI 318: Ch. 4, 1904.2,

5.2-5.4 | 1910.2, 1910.3

1909.1

1909.1

1910.6,

ACI 318: 3.5.2

STANDARD^a REFERENCE

TABLE 1705.3

VERIFICATION

INSPECTION

Inspection of

reinforcing stee

tendons, and

Inspection of

reinforcing steel

accordance with

Table 1705.2.2.

3. Inspection of

anchors cast in

concrete where

allowable loads

where strength

design is used.

anchors postnstalled in

Inspection of

hardened concrete

. Verifying use

At the time

fabricate specimens for

strength tests, perform slump

and air content

determine the

temperature of the

7. Inspection of

concrete and

placement for

techniques.

proper applicatio

Inspection for

naintenance of

specified curing

emperature and

9. Inspection of

of prestressin

b.Grouting of

prestressing ten-dons in the

seismic force-

resisting

10. Erection of

precast concrete

 Verification of n-situ concrete

strength, prior to

stressing of

and prior to

tendons in posttensioned concre

removal of shores

and forms from beams and structural slabs. Inspect formwork for

shape, location

and dimensions o the concrete member being

bonded

echniques.

concrete:

shotcrete

tests, and

fresh concrete is sampled to

of required design

increased or

welding in

olacement.

including

STRUCTURE ENGINEER C. CHRISTIAN FYNBOE



JEFF BROWN

ARCHITECTURE

JEFF BROWN ARCHITECTURE

jeff@jeffbrownarchitecture.com

12181 C STREET SOUTH

TACOMA, WA 98444

PROJECT LEAD

JEFFREY E. BROWN

253.606.8324

PROJECT NAME/ADDRESS

ISSUED PERMIT Building Engineering | Public Works Fire

WASHINGT GOLD GATE

PROJECT NUMBER

DRAWING TYPE

PERMIT **DOCUMENT**

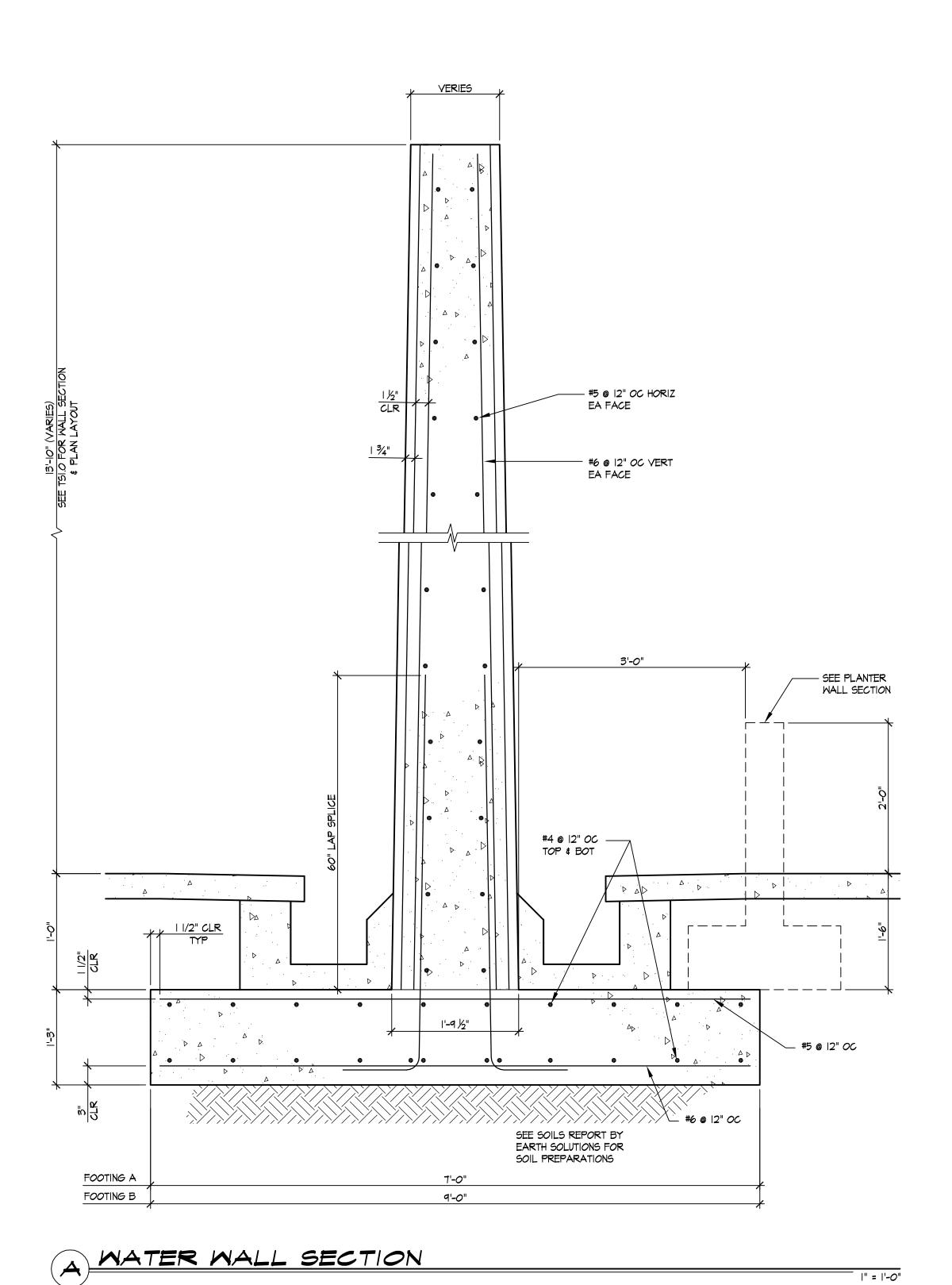
ISSUE DATE ISSUE DESCRIP.

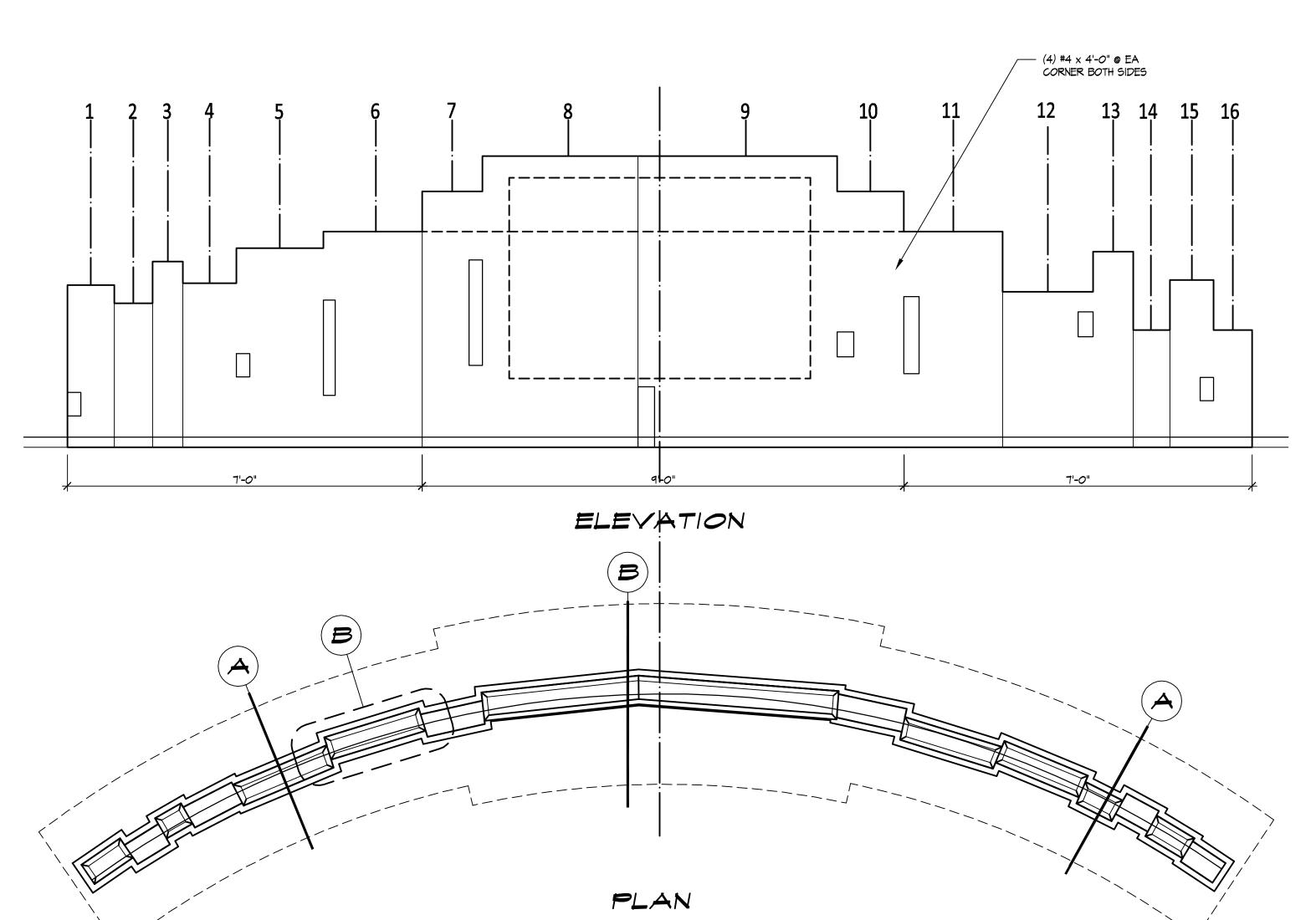
| 10.11.24 | | |
|----------|----------|---|
| 04.23.24 | REVISION | 3 |
| | | |
| | | |

SHEET TITLE

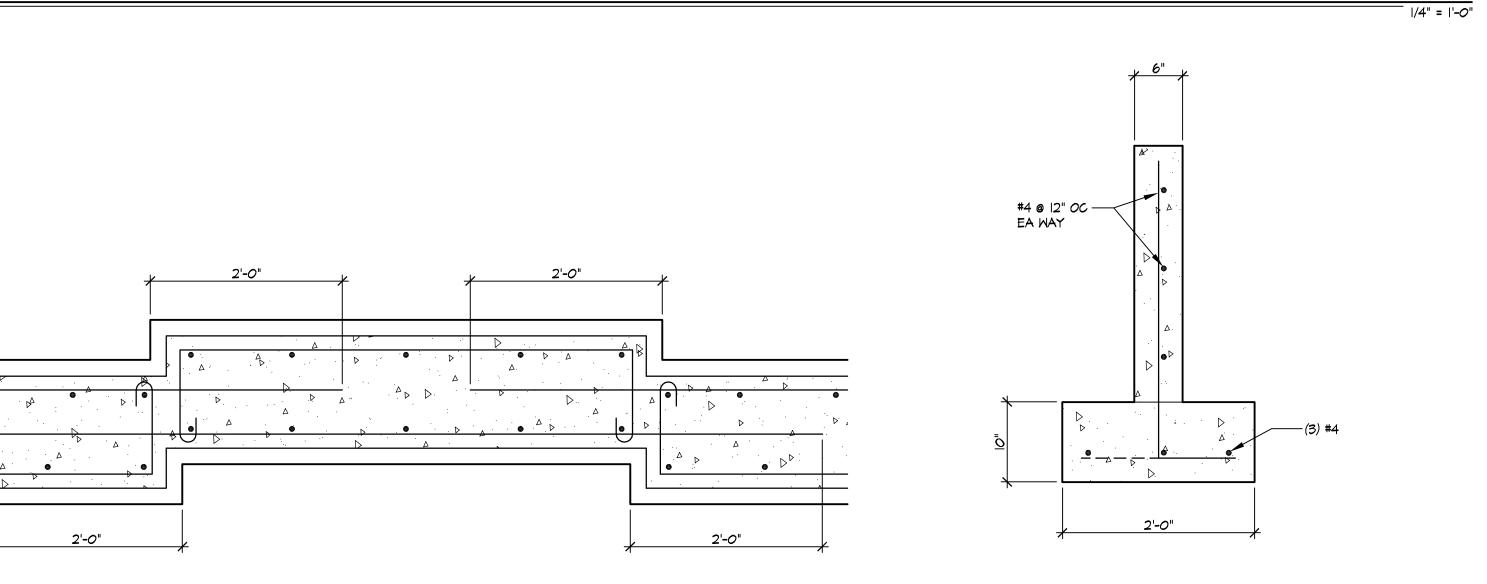
GENERAL NOTES

SHEET #



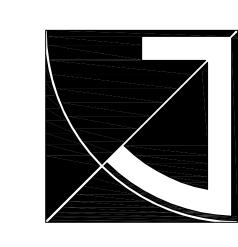


MATER MALL PLAN / ELEVATION





PLANTER WALL SECTION



JEFF BROWN ARCHITECTURE

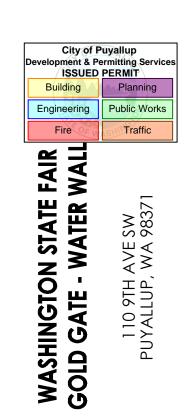
JEFF BROWN ARCHITECTURE 12181 C STREET SOUTH TACOMA, WA 98444

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



PROJECT NUMBER

DRAWING TYPE

PERMIT DOCUMENT

ISSUE DATE ISSUE DESCRIP. NO.

SHEET TITLE

`WATER & PLANTER WALL SECTIONS

SHEET #

