

**City of Puyallup
Development
Engineering
APPROVED**

See permit
for additional
requirements.

Linda Lian
11/15/2023
9:04:24 AM



CLIENT: **PRCTI20231407**



IMPLEMENTATION TEAM/CLIENT:



DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DRAWINGS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWINGS ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF LYNX CONSULTING, INC. NEITHER LYNX CONSULTING, INC. NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.

**City of Puyallup
Building
REVIEWED
FOR
COMPLIANCE**

BSnowden
10/25/2023
11:57:17 AM



PROJECT NAME: TAC FERRIS WHEEL-NODE 13
**PROJECT LOCATION: 110 9TH AVE SW
PUYALLUP, WA 98371**
FUZE PROJECT ID: 16481916

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

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

Full sized legible color plans are required to be provided by the permittee on site for inspection.



VICINITY MAP



PROJECT INFORMATION

JURISDICTION: CITY OF PUYALLUP LATITUDE: 47°10'56.79"N
ZONING CLASS: 7300-AMUSMENTS 47.182444°
PARCEL NUMBER: 0420331121 LONGITUDE: 122°17'55.48"W
TRS: SEC 33, TWN 20N, RNG 4E -122.298747°
PARCEL SIZE: 50.77 ACRES GROUND ELEVATION: 40.83' AMSL
STRUCTURE HEIGHT: 23'-6" (TOP OF BUILDING)
HIGHEST APPURTENANCE: 22'-11" (TOP OF ANTENNA)

LIST OF DRAWINGS

SHEET	DESCRIPTION
T-1	COVER SHEET
N-1	GENERAL NOTES
C-1	PROPOSED SITE PLAN
A-1	EXISTING AND PROPOSED ELEVATIONS
A-2	CONSTRUCTION DETAILS
A-3	CONSTRUCTION DETAILS
RF-1	EXISTING AND PROPOSED ANTENNA CONFIGURATIONS
RF-2	PROPOSED IT DIAGRAM

SCOPE OF WORK

VERIZON WIRELESS PROPOSES TO MODIFY AN EXISTING WIRELESS FACILITY WITH THE FOLLOWING SCOPE OF WORK:

- REMOVE (1) PCS RRU (MRRUS12 B2) AT ANTENNAS
- REMOVE (1) AWS RRU (MRRUS12 B4) AT ANTENNAS
- REMOVE (1) RRU MOUNT
- MODIFY (1) ANTENNA MOUNT (PER PLANS BY OTHERS UNDER SEPARATE COVER)
- ADD (1) ANTENNA MOUNT
- ADD (2) RRU MOUNTS
- ADD (1) LS6 ANTENNA (AIR4435 B77)
- ADD (1) CBRS ANTENNA (RRUS4408 B48)
- ADD (1) PCS RRU (RRUS4402 B2) AT ANTENNAS
- ADD (1) AWS RRU (RRUS4402 B66) AT ANTENNAS

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 (DCPPUES9-16-80) DC12/12/08JU 10668175DC 6/5/2020BB

CODE COMPLIANCE

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT CONDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

WASHINGTON STATE AND LOCAL BUILDING CODES WITH THE FOLLOWING REFERENCE CODE:

- 2018 INTERNATIONAL BUILDING CODE (IBC)
- 2018 INTERNATIONAL MECHANICAL CODE (IMC)
- 2018 INTERNATIONAL FIRE CODE (IFC)
- 2017 NATIONAL ELECTRIC CODE (NFPA 70)
- ANSI/TIA-222-H (REVISION H)

DRIVING DIRECTIONS

- (FROM SEATAC INTERNATIONAL AIRPORT, WA)
- HEAD SOUTH ON PACIFIC HWY S/TUKWILA INTERNATIONAL BLVD
 - TURN LEFT TO MERGE ONTO WA-518 E TOWARD I-5/I-405/RENTON
 - CONTINUE STRAIGHT TO STAY ON WA-518 E
 - SLIGHT LEFT ONTO I-405 N
 - USE THE RIGHT 2 LANES TO TAKE EXIT 2 TO MERGE ONTO WA-167 S TOWARD AUBURN
 - USE ANY LANE TO TURN SLIGHTLY LEFT ONTO N MERIDIAN AVE
 - TURN RIGHT ONTO 9TH AVE SW
 - TURN LEFT ONTO FAIRVIEW DR
 - TURN LEFT INTO PARKING LOT
 - TURN RIGHT
 - DESTINATION WILL BE ON THE LEFT

CONTACTS

PROPERTY OWNER:
WESTERN WASHINGTON FAIR ASSOCIATION
110 9TH AVE SW
PUYALLUP, WA
98371-6811

APPLICANT:
RENA PEYTON
VERIZON WIRELESS
3120 139TH AVE SE, SUITE 01W102
BELLEVUE, WA 98005
PHONE: (425) 603-2272

PROFESSIONAL OF RECORD:
BERT WHITE
LYNX CONSULTING, INC
17311 135TH AVE NE, SUITE A-100
WOODINVILLE, WA 98072
PHONE: (253) 230-2335
bwhite@lynxconsulting.org

APPLICANT AGENT:
JULEI CAMPOS
LYNX CONSULTING, INC
17311 135TH AVE NE, SUITE A-100
WOODINVILLE, WA 98072
PHONE: (206) 388-7611
jcampos@lynxconsulting.org

PERMITTING CONTACT:
AILEEN ZAVALAS
LYNX CONSULTING, INC
17311 135TH AVE NE, SUITE A-100
WOODINVILLE, WA 98072
PHONE: (206) 972-1368
ozavales@lynxconsulting.org

APPROVALS

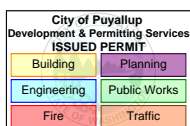
TITLE	SIGNATURE	DATE
REPRESENTATIVE		
RF ENGINEER		
PROPERTY OWNER		

REV	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
3	7/25/23	REVIEW COMMENTS
2	7/24/23	FCD'S ISSUED FOR SUBMITTAL
1	4/10/23	PCD'S ISSUED FOR REVIEW

PROJECT: **TAC FERRIS WHEEL**
**110 9TH AVE SW
PUYALLUP, WA 98371**

SHEET TITLE:
COVER SHEET

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD: BEW
REVISION NO: 3	SHEET NO: T-1



GENERAL NOTES

1. THESE DOCUMENTS ARE FOR THE DESIGN OF AN UNMANNED TELECOMMUNICATIONS FACILITY. THE FACILITY SHALL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE. THE FACILITY WILL NOT BE OPEN TO THE PUBLIC AND SHALL HAVE RESTRICTED ACCESS TO THE WIRELESS CARRIER'S PERSONNEL AND SERVICE EQUIPMENT.
2. THE WIRELESS CARRIER CERTIFIES THAT THIS TELECOMMUNICATIONS FACILITY WILL BE SERVICED ONLY BY THE CARRIER'S EMPLOYEES AND THEIR SUB-CONTRACTORS, FOR INSPECTION AND REPAIR PURPOSES ONLY.
3. ON AVERAGE THE WIRELESS CARRIER'S EMPLOYEES OR SUB-CONTRACTORS (TYPICALLY ONE PERSON) WILL VISIT THE WIRELESS FACILITY TWO TIMES PER MONTH FOR A DURATION OF APPROXIMATELY ONE HOUR.
4. THIS FACILITY IS UNMANNED AND IS NOT FOR HUMAN HABITATION (NO ADA ACCESS IS REQUIRED).
5. THIS FACILITY WILL CONSUME NO UNRECOVERABLE ENERGY.
6. NO POTABLE WATER SUPPLY IS TO BE PROVIDED TO THIS FACILITY.
7. NO WASTE WATER WILL BE GENERATED FROM THIS FACILITY.
8. NO SOLID WASTE WILL BE GENERATED FROM THIS FACILITY.
9. WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND FEDERAL CODES, ORDINANCES AND REGULATIONS. ALL NECESSARY LICENSES, CERTIFICATES, ETC., REQUIRED BY AUTHORITY HAVING JURISDICTION SHALL BE PROCURED AND PAID FOR BY THE CONTRACTOR.
10. WORK SHALL COMPLY WITH ALL MANUFACTURER'S RECOMMENDED SPECIFICATIONS. THE CONTRACTOR SHALL FOLLOW SPECIFICATIONS SHOWN IN THESE DOCUMENTS, ONLY WHEN THOSE SPECIFICATIONS ARE MORE STRINGENT THAN THE MANUFACTURER'S.
11. WHERE ONE DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS, EVEN THOUGH NOT SPECIFICALLY MARKED ON THE DRAWINGS OR REFERRED TO IN THE SPECIFICATIONS, UNLESS OTHERWISE NOTED.
12. IN EVERY EVENT, THESE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL BE INTERPRETED AS A MINIMUM ACCEPTABLE MEANS OF CONSTRUCTION. HOWEVER, THIS SHALL NOT RELIEVE THE CONTRACTOR, SUB-CONTRACTOR, AND/OR SUPPLIER/MANUFACTURER FROM PROVIDING A COMPLETE AND CORRECT JOB WHEN ADDITIONAL ITEMS ARE REQUIRED TO THE MINIMUM SPECIFICATION. IF ANY ITEMS NEED TO EXCEED THESE MINIMUM SPECIFICATIONS TO PROVIDE A COMPLETE, ADEQUATE AND SAFE WORKING CONDITION, THEN IT SHALL BE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE DRAWINGS. FOR EXAMPLE, IF AN ITEM AND/OR PIECE OF EQUIPMENT REQUIRES A LARGER WIRE SIZE (I.E. ELECTRICAL WIRE), STRONGER OR LARGER PIPING, INCREASED QUANTITY (I.E. STRUCTURAL ELEMENTS), REDUCED SPACING, AND/OR INCREASED LENGTH (I.E. BOLT/ BAR LENGTHS), THEN IT SHALL BE DEEMED AND UNDERSTOOD TO BE INCLUDED IN THE BID/PROPOSAL. THESE DOCUMENTS ARE MEANT TO SERVE AS A GUIDE AND ALL ITEMS REASONABLY INFERRED SHALL BE DEEMED TO BE INCLUDED.
13. SEE THE STRUCTURAL ANALYSIS BY OTHERS UNDER SEPARATE COVER FOR APPLICABLE CODE REFERENCES AND PROPOSED DESIGN LOADS.
14. NO WORK SHALL COMMENCE WITHOUT THE APPROVED STRUCTURAL ANALYSIS REPORT (STAMPED AND SIGNED) PROVIDED BY OTHERS UNDER SEPARATE COVER.
15. THE CONTRACTOR, PRIOR TO INSTALLATION OF ANTENNAS, EQUIPMENT, AND/OR COAX CABLES, SHALL REVIEW THE APPROVED STRUCTURAL ANALYSIS AND MODIFY, IF REQUIRED, ALL APPLICABLE MEMBERS AS INDICATED IN THE CERTIFIED STRUCTURAL ANALYSIS.
16. THESE DESIGN DOCUMENTS AND SPECIFICATIONS SHALL NOT BE CONSTRUED TO CREATE A CONTRACTUAL RELATIONSHIP OF ANY KIND BETWEEN THE ENGINEER AND THE CONTRACTOR.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP OF ALL TRADES AND REMOVE ALL DEBRIS FROM THE CONSTRUCTION SITE. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE BUILDING, SITE AND ANY SURROUNDING AREA TO BETTER THAN EXISTING CONDITION.
18. THE CONTRACTOR SHALL ADEQUATELY BRACE AND PROTECT ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, ETC., ACCORDING TO APPLICABLE CODES, STANDARDS AND BEST CONSTRUCTION PRACTICES.
19. THE CONTRACTOR SHALL MEET ALL OSHA REQUIREMENTS FOR ALL SITE CONDITIONS AND INSTALLATIONS.
20. WHERE NEW PAVING, CONCRETE SIDEWALKS, OR PATHS MEET EXISTING CONSTRUCTION, THE CONTRACTOR SHALL MATCH THE EXISTING SLOPE AND ELEVATION AS TO MAINTAIN A SMOOTH TRANSITION.

SPECIAL INSPECTIONS

RECOMMENDED TESTING AGENCY: _____ PHONE: (____) ____-____
(A WABO-CERTIFIED SPECIAL INSPECTION AGENCY IS REQUIRED)

THE OWNER, OR THE OWNER'S AGENT, IS REQUIRED TO HIRE AN INDEPENDENT TESTING/INSPECTION AGENCY TO PERFORM REQUIRED SPECIAL INSPECTIONS.

THE INDEPENDENT AGENCY HIRED TO PERFORM THE DUTIES OF SPECIAL INSPECTION IS REQUIRED TO BE A REGISTERED AGENCY WITH WASHINGTON ASSOCIATION OF BUILDING OFFICIALS (WABO), UNDER THE SPECIAL INSPECTION REGISTRATION PROGRAM (SIRP) STANDARD NO. 1701 OR MOST CURRENT ADOPTED SPECIAL INSPECTION STANDARD PUBLISHED BY WABO.

SPECIAL INSPECTOR MUST BE CONTACTED IN ADVANCE OF ANY WORK NOTED BELOW. IT IS THE RESPONSIBILITY OF THE OWNER OR OWNER'S DESIGNEE TO NOTIFY THE SPECIAL INSPECTION AGENCY AND SCHEDULE A BUILDING INSPECTION IN A TIMELY MANNER. COPIES OF ALL INSPECTION REPORTS MUST BE POSTED ON SITE AND SUMMARY LETTERS SUBMITTED TO THE BUILDING INSPECTION SUPERVISOR. UNRESOLVED NON-CONFORMANCIES MUST BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE MUNICIPALITY'S INSPECTOR.

REQUIRED SPECIAL INSPECTIONS
2018 INTERNATIONAL BUILDING CODE; SECTIONS 1701, 1704, & 1705

- | | |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> STRUCTURAL STEEL (1705.2; AISC 360) | <input type="checkbox"/> SPRAYED FIRE-REST MATERIALS (1705.3) |
| <input type="checkbox"/> STEEL - OTHER THAN STRUCTURAL STEEL (1705.2.2) | <input type="checkbox"/> INTUMESCENT FIRE-RESIST CTGS (1705.14) |
| <input type="checkbox"/> STRUCTURAL CONCRETE (1705.3) | <input type="checkbox"/> EIFS (1705.15) |
| <input type="checkbox"/> REINF. STEEL/PRESTRESSING TENDONS (1705.3) | <input type="checkbox"/> POST-INSTALLED ANCHORS (1705.3; AISC 315: D.9.2) |
| <input type="checkbox"/> SHOTCRETE (1705.3; 1910) | <input type="checkbox"/> SMOKE CONTROL (1705.17) |
| <input type="checkbox"/> STRUCTURAL MASONRY (1075.4) | <input type="checkbox"/> STRUCTURAL STEEL (SFRS 1705.11.1; AISC 314) |
| TMS 402/ACI 530/ASCE 5; | <input type="checkbox"/> STRUCTURAL WOOD (SFRS 1705.11.2) |
| TMS 602/ACI 530.1/ASCE 6 | <input type="checkbox"/> COLD FORMED STEEL FRAMING (SFRS 1705.11.2) |
| <input type="checkbox"/> HIGH LOAD DIAPHRAGMS (WOOD 1705.5.1) | <input type="checkbox"/> ACCESS FLOORS (SFRS 1705.11.5.1) |
| <input type="checkbox"/> GRADING, EXCAVATION, AND FILLING (SOILS 1705.6) | <input type="checkbox"/> STORAGE RACKS (SFRS 1705.11.7) |
| <input type="checkbox"/> DRIVEN DEEP FOUNDATIONS (1705.7) | <input type="checkbox"/> ARCHITECTURAL COMPONENTS (SFRS 1705.11.5) |
| <input type="checkbox"/> CAST-IN-PLACE DEEP FOUNDATIONS (1705.8) | <input type="checkbox"/> MECH. AND ELEC. COMPONENTS (SFRS 1705.11.6) |
| <input type="checkbox"/> INSTALLATION OF PRECAST ELEMENTS (1705.3) | <input type="checkbox"/> SEISMIC ISOLATION SYSTEMS (SFRS 1705.11.8) |
| <input type="checkbox"/> OTHER _____ | |

STRUCTURAL STEEL NOTES

1. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW PRIOR TO FABRICATION.
2. STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION (INCLUDING FIELD WELDING, HIGH STRENGTH FIELD BOLTING, EXPANSION BOLTS, AND THREADED EXPANSION ANCHORS) SHALL BE BASED ON A.I.S.I "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH IBC 2018 CHAPTER 22, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE ENGINEER. THE ENGINEER SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST RESULTS.
3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

TYPE OF MEMBER WIDE FLANGE SHAPE S OTHER SHAPES, PLATES AND RODS PIPE COLUMNS STRUCTURAL TUBING ANCHOR BOLTS CONNECTION BOLTS	ASTM A992, f_y 50 KSI ASTM A36, f_y 36 KSI ASTM A53, f_y 35 KSI ASTM A500, f_y 46 KSI ASTM A307 ASTM A325
-----------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------
4. ALL MATERIAL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION PER A123/A123M-00.
5. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.I. AND AWS STANDARDS AND SHALL BE PERFORMED BY WABO CERTIFIED WELDERS USING E70 XX ELECTRODES. ONLY PREQUALIFIED WELDS (AS DEFINED BY AWS) SHALL BE USED. WELDING OF GRADE 60 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING LOW HYDROGEN ELECTRODES. WELDING OF GRADE 40 REINFORCING BARS (IF REQUIRED) SHALL BE PERFORMED USING E70 XX ELECTRODES. WELDING WITHIN 4" OF COLD BENDS IN REINFORCING STEEL IS NOT PERMITTED. SEE REINFORCING NOTE FOR MATERIAL REQUIREMENTS OF WELDED BARS.
6. COLD-FORMED STEEL FRAMING MEMBERS SHALL BE OF THE SHAPE, SIZE AND GAGE SHOWN ON THE PLANS. PROVIDE MINIMUM SECTION PROPERTIES INDICATED. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE A.I.S.I. "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
7. BOLTED CONNECTIONS SHALL USE BEARING TYPE ASTM A325 BOLTS (3/4" DIAMETER) AND SHALL HAVE A MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
8. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIAMETER ASTM A307 BOLTS UNLESS NOTED OTHERWISE.
9. ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION SPECIFICATION AND IN ACCORDANCE WITH ASTM A36 UNLESS NOTED OTHERWISE.
10. ALL WELDS TO BE 1/4" FILLET UNLESS NOTED OTHERWISE.
11. TOUCH UP ALL FIELD DRILLING AND WELDING WITH 2 COATS OF GALVACON (ZINC RICH PAINT) OR APPROVED EQUAL.

CONCRETE NOTES

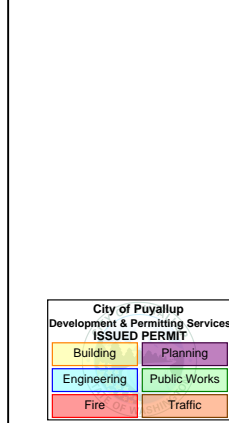
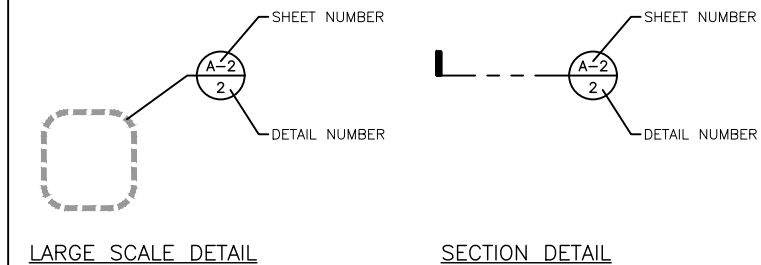
1. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI-318.
2. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH CHAPTER 19 OF THE IBC 2018, STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS.

TYPE OF CONSTRUCTION	28 DAY STRENGTH (f_c)	W/C RATIO	MINIMUM CEMENT CONTENT PER CUBIC YARD
SLAB ON GRADE TOPPING SLABS CONCRETE PIERS	3,000 PSI	\leq 0.45	5 1/2 SACKS
ALL STRUCTURAL CONCRETE	4,000 PSI	\leq 0.45	6 1/2 SACKS
CONCRETE WALLS	4,000 PSI	\leq 0.45	6 1/2 SACKS

CEMENT SHALL BE ASTM C150, PORTLAND CEMENT TYPE II U.N.O.
3. THE GENERAL CONTRACTOR SHALL SUPERVISE AND BE RESPONSIBLE FOR THE METHODS AND PROCEDURES OF CONCRETE PLACEMENT.
4. ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINMENT AGENT CONFORMING TO ASTM C260, C494, C989, AND C1017, TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH TABLE 1904.2.1 OF THE IBC 2018
5. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENTS S1), GRADE 60, $f_y=60,000$ PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, $f_y=40,000$ PSI. GRADE 60 REINFORCING BARS INDICATED ON DRAWINGS TO BE WELDED SHALL CONFORM TO ASTM A706. REINFORCING COMPLYING WITH ASTM A615(S1) MAY BE WELDED ONLY IF MATERIAL PROPERTY REPORTS INDICATING CONFORMANCE WITH WELDING PROCEDURES SPECIFIED IN A.W.S. D14 ARE SUBMITTED.
6. REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH ACI 315 AND 318. LAP ALL CONTINUOUS REINFORCEMENT AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". PROVIDE CORNER BARS AT ALL WALL AND FOOTING INTERSECTIONS. LAP CORNER BARS AT LEAST 30 BAR DIAMETERS OR A MINIMUM OF 2'-0". LAP ADJACENT MATS OF WELDED WIRE FABRIC A MINIMUM OF 8" AT SIDES AND ENDS.
7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-165.
8. SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615, GRADE 60, $f_y=60,000$ PSI.
9. NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY DO DETAILED OR APPROVED BY THE ENGINEER.
10. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

FOOTINGS AND OTHER UNFORMED SURFACES, EARTH FACE	3"
FORMED SURFACES EXPOSED TO EARTH OR WEATHER (#6 BARS OR LARGER) (#5 BARS OR SMALLER)	2" 1-1/2"
SLABS AND WALLS (INTERIOR FACE)	3/4"
11. BARS SHALL BE SUPPORTED ON CHAIRS OR DOBIE BRICKS.
12. ANCHOR BOLTS TO CONFORM TO ASTM A307.
13. NON-SHRINKING GROUT SHALL BE FURNISHED BY AN APPROVED MANUFACTURER AND SHALL BE MIXED AND PLACED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. GROUT STRENGTH SHALL BE AT LEAST EQUAL TO THE MATERIAL ON WHICH IT IS PLACED (3,000 PSI MINIMUM).
14. ALL EXPANSION ANCHORS TO BE HILTI BRAND. ADHESIVE ANCHORS REQUIRE TESTING TO CONFIRM CAPACITY UNLESS WAIVED BY ENGINEER.

LEGEND



CLIENT: **PRCTI20231407**



IMPLEMENTATION TEAM/CLIENT:



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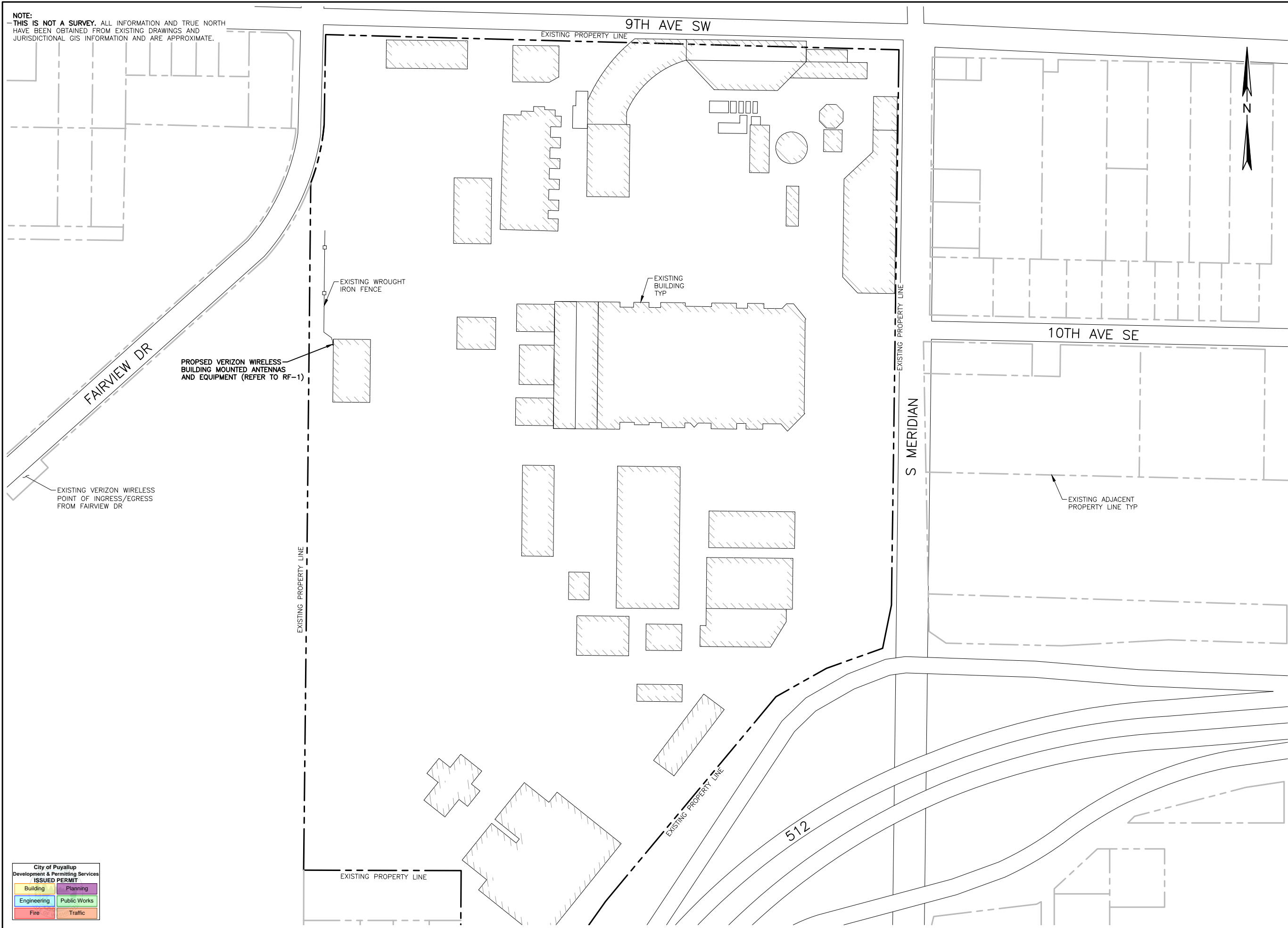
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2	7/24/23	FCD'S ISSUED FOR SUBMITTAL
1	4/10/23	PCD'S ISSUED FOR REVIEW

PROJECT:
TAC FERRIS WHEEL
110 9TH AVE SW
PUYALLUP, WA 98371

GENERAL NOTES

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD: BEW
REVISION NO: 3	SHEET NO: N-1

NOTE:
 THIS IS NOT A SURVEY. ALL INFORMATION AND TRUE NORTH
 HAVE BEEN OBTAINED FROM EXISTING DRAWINGS AND
 JURISDICTIONAL GIS INFORMATION AND ARE APPROXIMATE.



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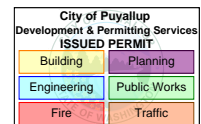
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PROJECT:
**TAC
 FERRIS WHEEL**
 110 9TH AVE SW
 PUYALLUP, WA 98371

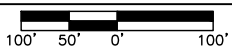
SHEET TITLE:
**PROPOSED
 SITE PLAN**

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW

REVISION NO: 3	SHEET NO: C-1
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22"x34" SCALE: 1" = 100'-0"
 11"x17" SCALE: 1" = 200'-0"



PROPOSED SITE PLAN | 1



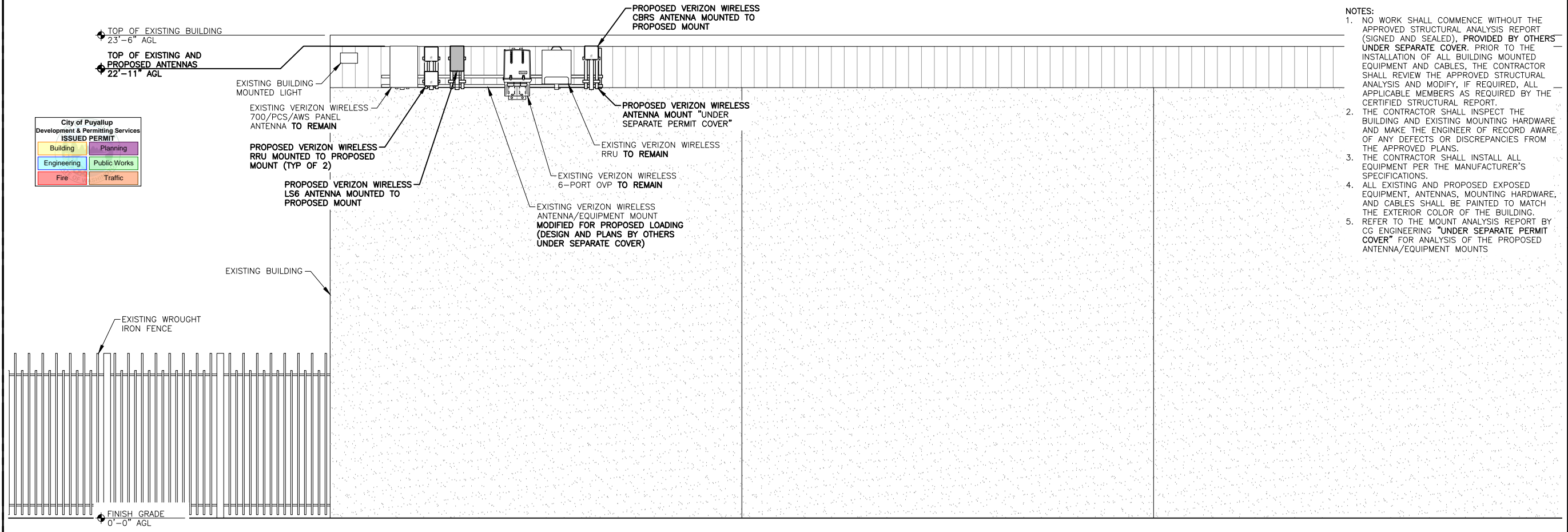
IMPLEMENTATION TEAM/CLIENT:



DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DRAWINGS AND ADVISE CONSULTANTS OF ANY ERRORS OR OMISSIONS. NO VARIATIONS OR MODIFICATIONS TO WORK SHOWN SHALL BE IMPLEMENTED WITHOUT PRIOR WRITTEN APPROVAL. ALL PREVIOUS ISSUES OF THIS DRAWINGS ARE SUPERSEDED BY THE LATEST REVISION. ALL DRAWINGS AND SPECIFICATIONS REMAIN THE PROPERTY OF LYNX CONSULTING, INC. NEITHER LYNX CONSULTING, INC. NOR THE ARCHITECT WILL BE PROVIDING CONSTRUCTION REVIEW OF THIS PROJECT.



- NOTES:
- NO WORK SHALL COMMENCE WITHOUT THE APPROVED STRUCTURAL ANALYSIS REPORT (SIGNED AND SEALED), PROVIDED BY OTHERS UNDER SEPARATE COVER. PRIOR TO THE INSTALLATION OF ALL BUILDING MOUNTED EQUIPMENT AND CABLES, THE CONTRACTOR SHALL REVIEW THE APPROVED STRUCTURAL ANALYSIS AND MODIFY, IF REQUIRED, ALL APPLICABLE MEMBERS AS REQUIRED BY THE CERTIFIED STRUCTURAL REPORT.
 - THE CONTRACTOR SHALL INSPECT THE BUILDING AND EXISTING MOUNTING HARDWARE AND MAKE THE ENGINEER OF RECORD AWARE OF ANY DEFECTS OR DISCREPANCIES FROM THE APPROVED PLANS.
 - THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT PER THE MANUFACTURER'S SPECIFICATIONS.
 - ALL EXISTING AND PROPOSED EXPOSED EQUIPMENT, ANTENNAS, MOUNTING HARDWARE, AND CABLES SHALL BE PAINTED TO MATCH THE EXTERIOR COLOR OF THE BUILDING. REFER TO THE MOUNT ANALYSIS REPORT BY CG ENGINEERING "UNDER SEPARATE PERMIT COVER" FOR ANALYSIS OF THE PROPOSED ANTENNA/EQUIPMENT MOUNTS



22"x34" SCALE: 3/16" = 1'-0"
11"x17" SCALE: 3/32" = 1'-0"

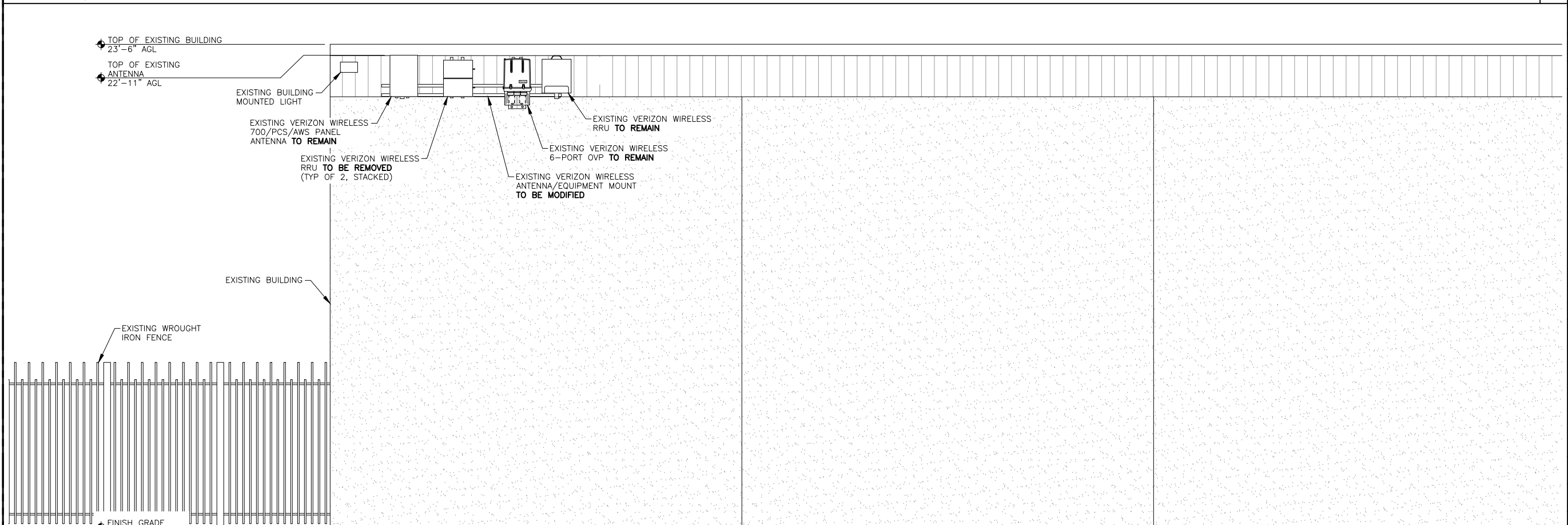
PROPOSED ELEVATION | 2

REV	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
3	7/25/23	REVIEW COMMENTS
2	7/24/23	FCD'S ISSUED FOR SUBMITTAL
1	4/10/23	PCD'S ISSUED FOR REVIEW

PROJECT:
TAC FERRIS WHEEL
110 9TH AVE SW
PUYALLUP, WA 98371

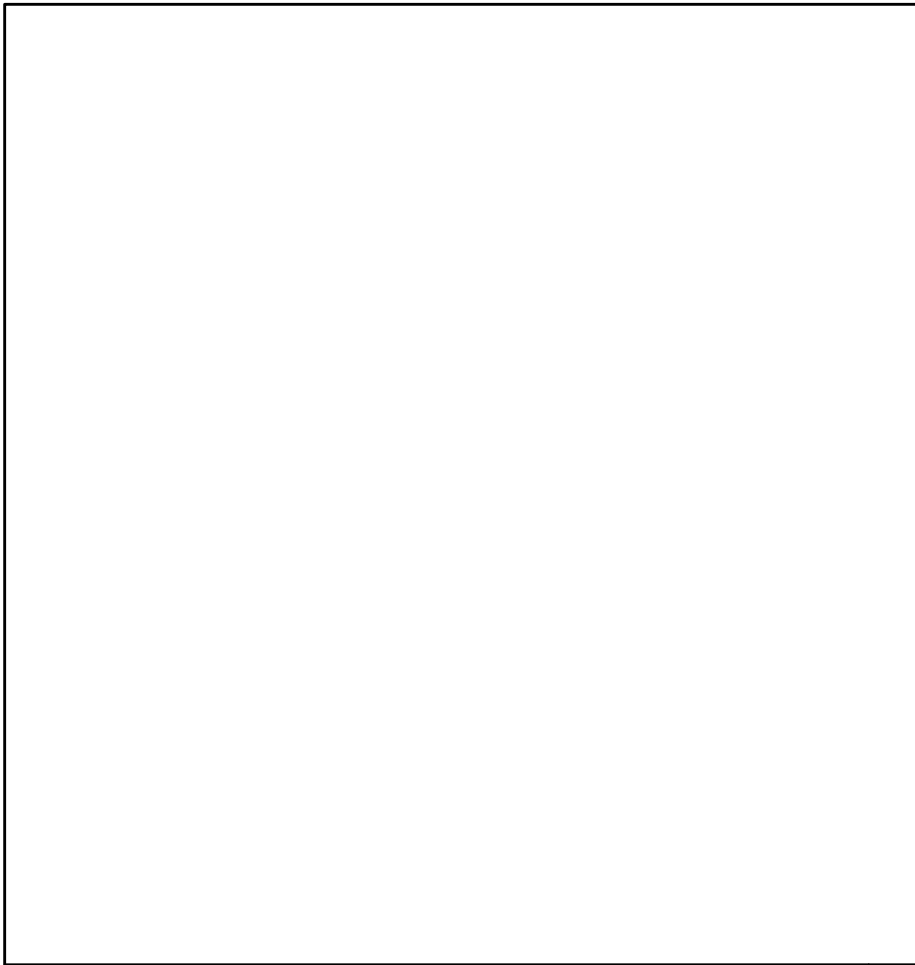
SHEET TITLE:
EXISTING AND PROPOSED ELEVATIONS

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: A-1

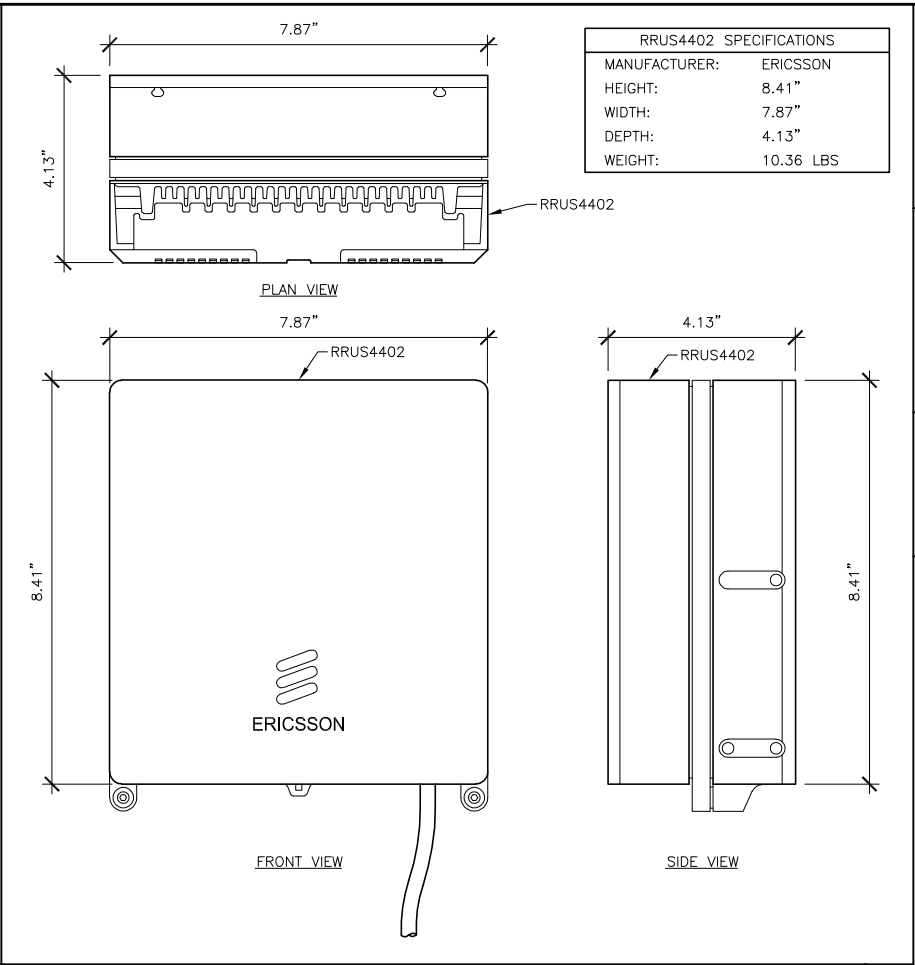


22"x34" SCALE: 3/16" = 1'-0"
11"x17" SCALE: 3/32" = 1'-0"

EXISTING ELEVATION | 1



AIR4435 B77 SPECIFICATIONS	
MANUFACTURER:	ERICSSON
HEIGHT:	14.61"
WIDTH:	7.90"
DEPTH:	4.10"
WEIGHT:	14.11 LBS



RRUS4402 SPECIFICATIONS	
MANUFACTURER:	ERICSSON
HEIGHT:	8.41"
WIDTH:	7.87"
DEPTH:	4.13"
WEIGHT:	10.36 LBS

CLIENT: **PRCTI20231407**

IMPLEMENTATION TEAM/CLIENT:

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22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

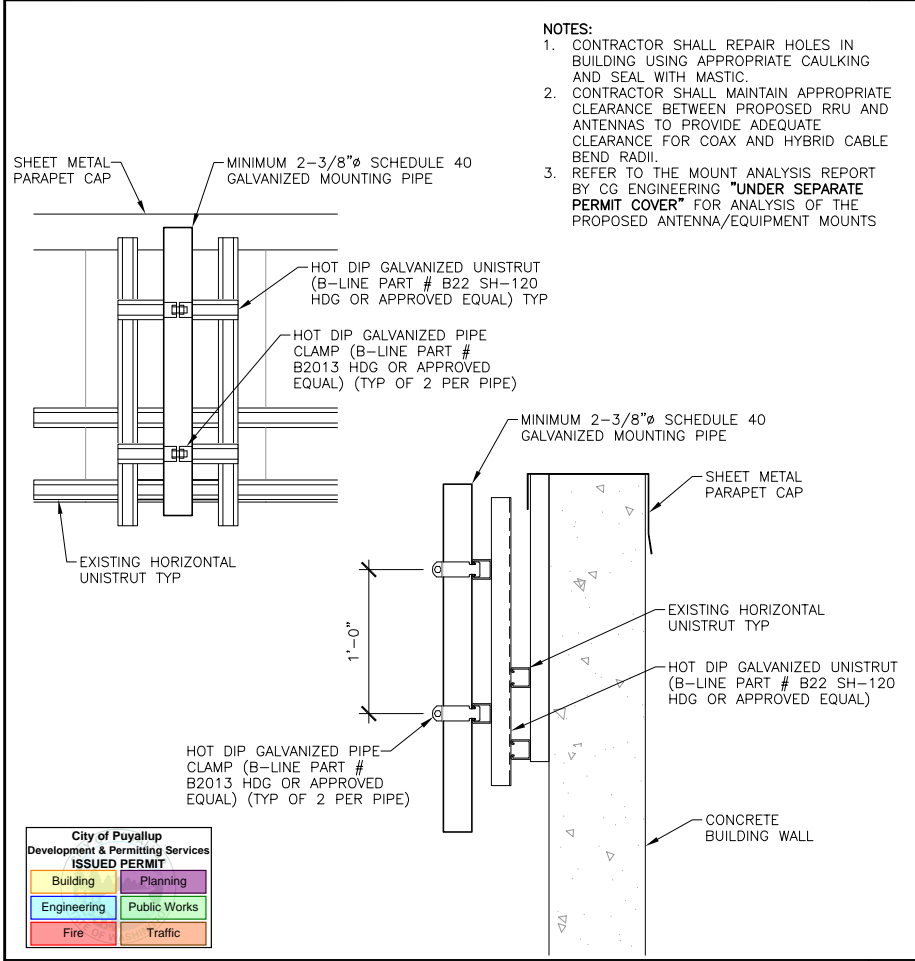
NOT USED 6

22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

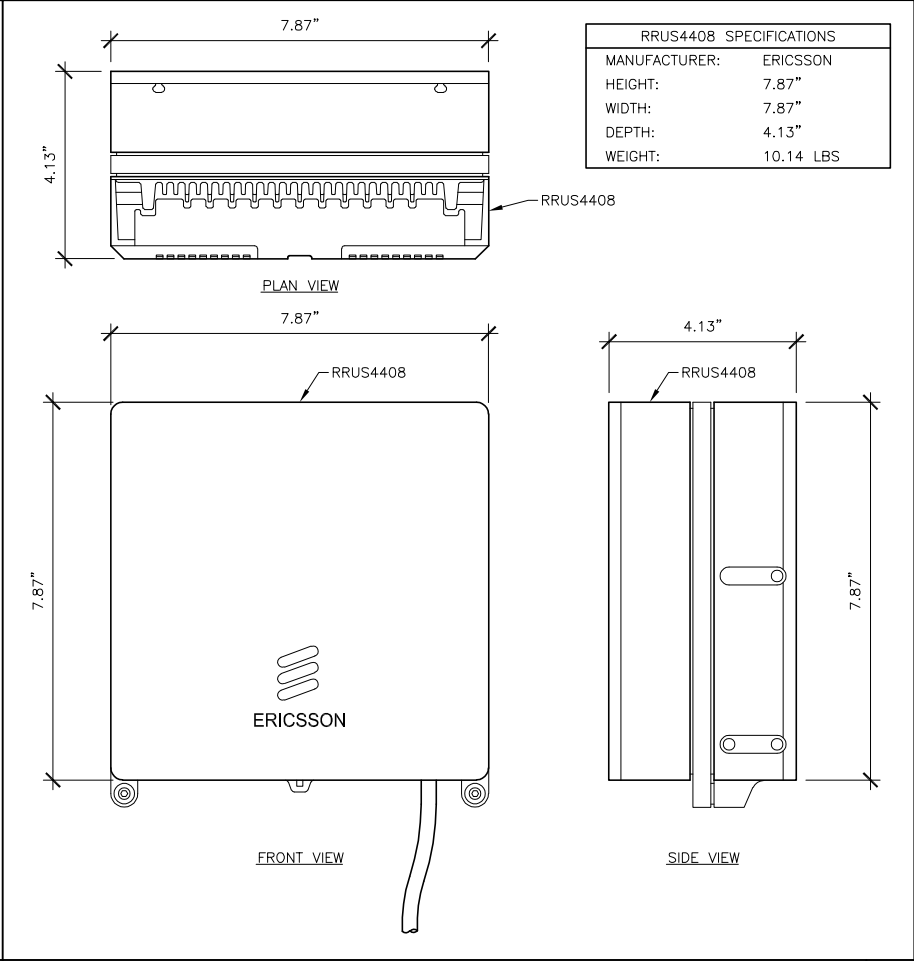
AIR4435 B77 5

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11"x17" SCALE: NOT TO SCALE

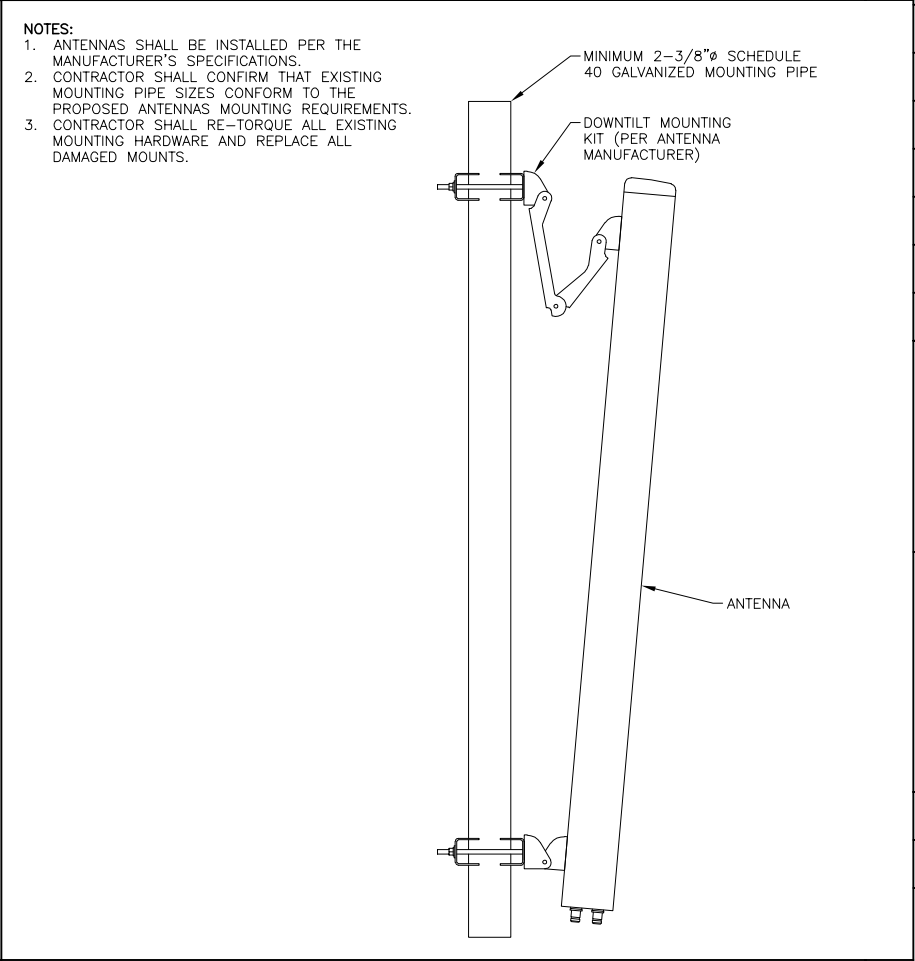
RRUS4402 (PCS/AWS) 4



- NOTES:**
- CONTRACTOR SHALL REPAIR HOLES IN BUILDING USING APPROPRIATE CAULKING AND SEAL WITH MASTIC.
 - CONTRACTOR SHALL MAINTAIN APPROPRIATE CLEARANCE BETWEEN PROPOSED RRU AND ANTENNAS TO PROVIDE ADEQUATE CLEARANCE FOR COAX AND HYBRID CABLE BEND RADII.
 - REFER TO THE MOUNT ANALYSIS REPORT BY CG ENGINEERING "UNDER SEPARATE PERMIT COVER" FOR ANALYSIS OF THE PROPOSED ANTENNA/EQUIPMENT MOUNTS



RRUS4408 SPECIFICATIONS	
MANUFACTURER:	ERICSSON
HEIGHT:	7.87"
WIDTH:	7.87"
DEPTH:	4.13"
WEIGHT:	10.14 LBS



- NOTES:**
- ANTENNAS SHALL BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS.
 - CONTRACTOR SHALL CONFIRM THAT EXISTING MOUNTING PIPE SIZES CONFORM TO THE PROPOSED ANTENNAS MOUNTING REQUIREMENTS.
 - CONTRACTOR SHALL RE-TORQUE ALL EXISTING MOUNTING HARDWARE AND REPLACE ALL DAMAGED MOUNTS.

22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

MOUNT 3

22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

RRUS4408 (CBRS) 2

22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

ANTENNA MOUNT 1

REV	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
3	7/25/23	REVIEW COMMENTS
2	7/24/23	FCD'S ISSUED FOR SUBMITTAL
1	4/10/23	PCD'S ISSUED FOR REVIEW

PROJECT:

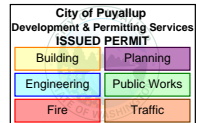
TAC FERRIS WHEEL

110 9TH AVE SW
PUYALLUP, WA 98371

SHEET TITLE:

CONSTRUCTION DETAILS

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: A-2





IMPLEMENTATION TEAM/CLIENT:



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22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

NOT USED 6

22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

NOT USED 5

22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

NOT USED 4

REV	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
3	7/25/23	REVIEW COMMENTS
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PROJECT:
TAC FERRIS WHEEL
110 9TH AVE SW
PUYALLUP, WA 98371

SHEET TITLE:
CONSTRUCTION DETAILS

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW

REVISION NO: 3	SHEET NO: A-3
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22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

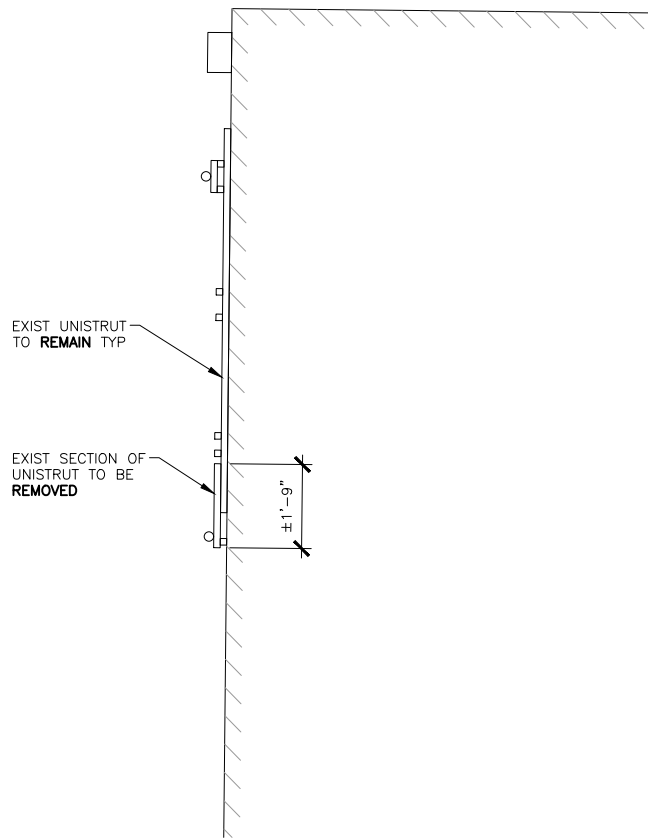
NOT USED 3

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11"x17" SCALE: NOT TO SCALE

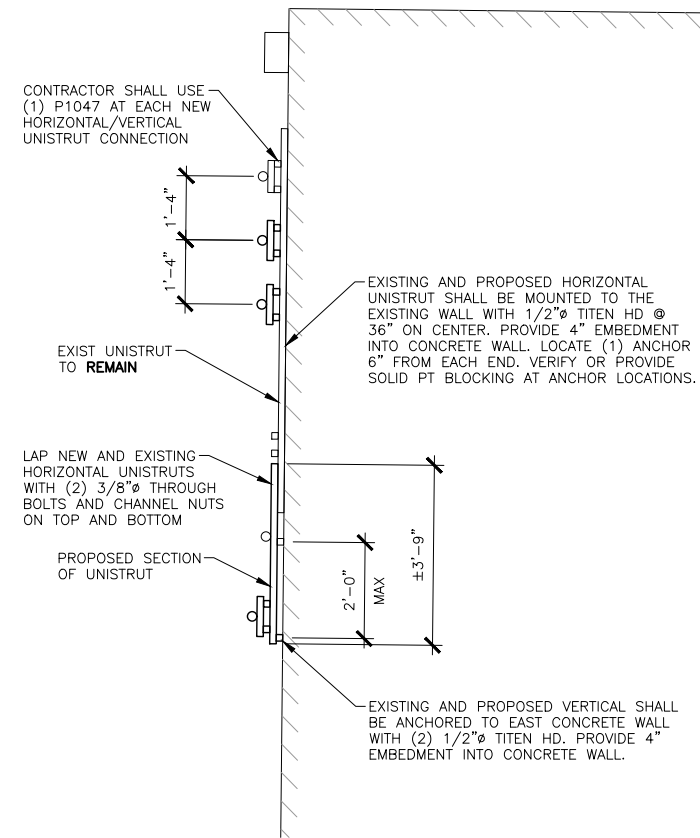
EXISTING ANTENNA MOUNT 2

22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE

PROPOSED ANTENNA MOUNT 1

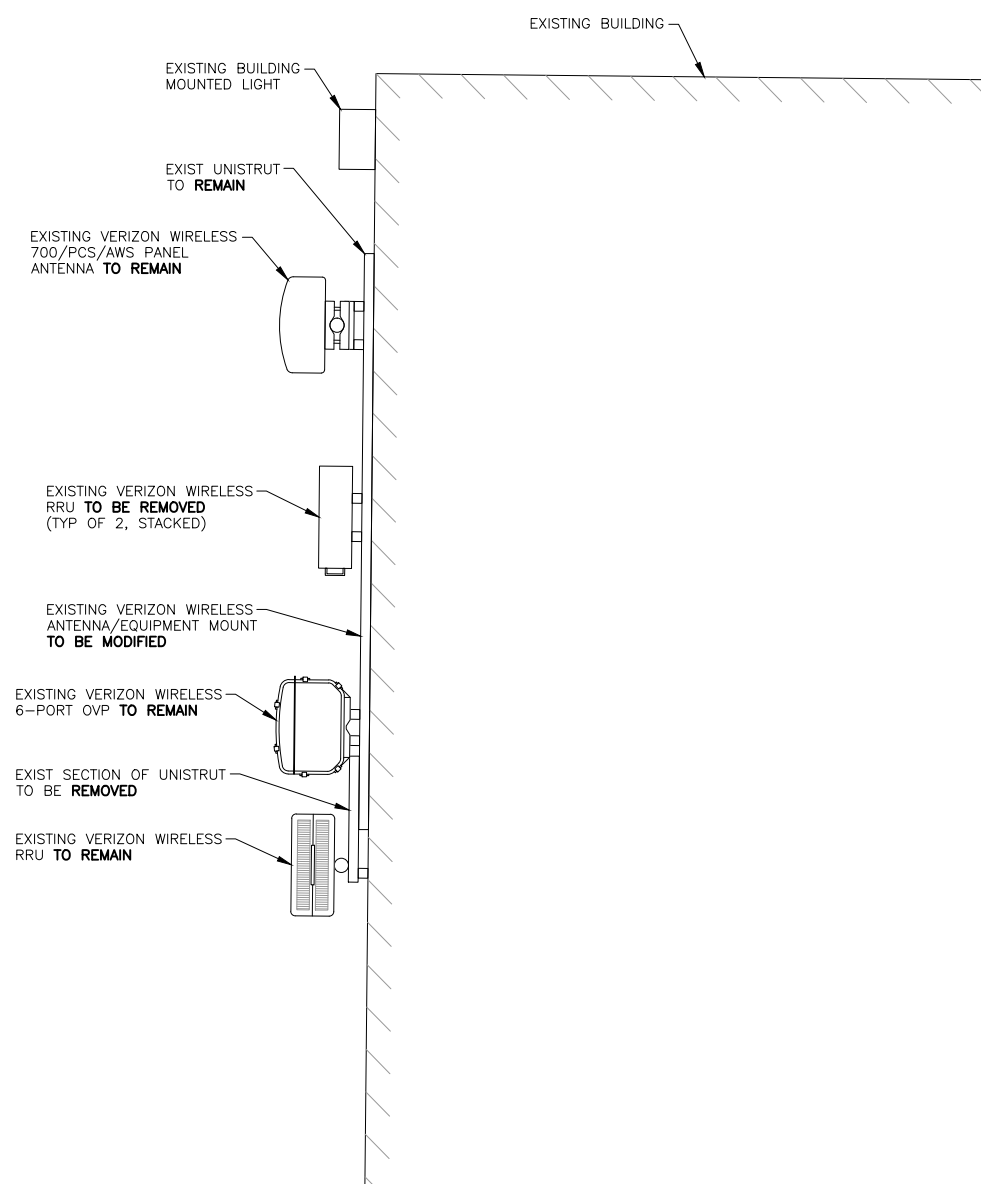


NOTE:
CONTRACTOR SHALL EVENLY SPACE EXISTING AND PROPOSED RRU'S AND ANTENNAS HORIZONTALLY ALONG THE UNISTRUT.



EXISTING ANTENNA SCHEDULE

GAMMA SECTOR	AZIMUTH	TIP HEIGHT	QTY	VENDOR	MODEL	LENGTH	WIDTH	DEPTH	MECH TILT	ELEC TILT	CABLE QTY	FEEDER TYPE	FEEDER LENGTH	ADDITIONAL EQUIPMENT
700	270°	22'-11"	1	AMPHENOL	HTXCWW4513FX	24.1"	16.2"	7.3"	0°	0°	1	6x12 HYBRID 6-PORT OVP	220'-0"	RRUS11 B13
0°										MRRUS12 B2				
0°										MRRUS12 B4				



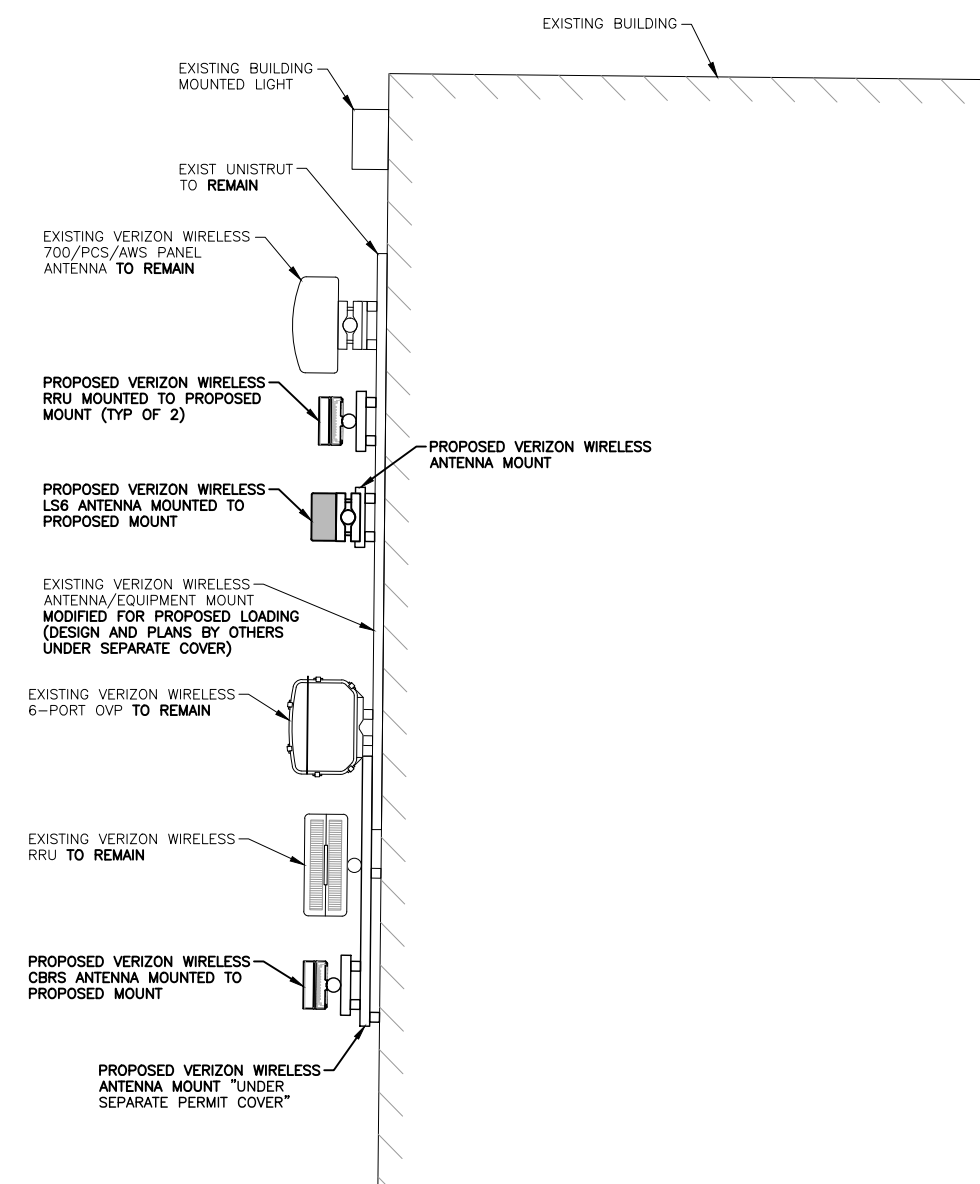
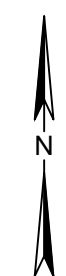
EXISTING ANTENNA CONFIGURATION 2

PROPOSED ANTENNA SCHEDULE

RFDS DATE: 12/2/2023

ALPHA SECTOR	AZIMUTH	TIP HEIGHT	QTY	VENDOR	MODEL	LENGTH	WIDTH	DEPTH	MECH TILT	ELEC TILT	CABLE QTY	FEEDER TYPE	FEEDER LENGTH	ADDITIONAL EQUIPMENT	
700	270°	22'-11"	1	AMPHENOL	HTXCWW4513FX	24.1"	16.2"	7.3"	0°	0°	1	6x12 HYBRID 6-PORT OVP	220'-0"	RRUS11 B13	
0°										RRUS4402 B66					
0°										RRUS4402 B3					
LS6	270°	22'-11"	1	ERICSSON	AIR4435 B77D	14.6"	7.9"	4.1"	0°	3°				NONE	
CBRS	270°	22'-11"	1	ERICSSON	AIR4408 B48	8.4"	7.8"	4.1"	0°	8°					NONE

NOTE:
REFER TO THE MOUNT ANALYSIS REPORT BY CG ENGINEERING "UNDER SEPARATE PERMIT COVER" FOR ANALYSIS OF THE PROPOSED ANTENNA/EQUIPMENT MOUNTS



PROPOSED ANTENNA CONFIGURATION 1

CLIENT:

PRCTI20231407



IMPLEMENTATION TEAM/CLIENT:



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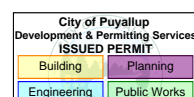


REV	DATE	DESCRIPTION
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-	-	-
-	-	-
-	-	-
3	7/25/23	REVIEW COMMENTS
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1	4/10/23	PCD'S ISSUED FOR REVIEW

PROJECT:
TAC FERRIS WHEEL
110 9TH AVE SW
PUYALLUP, WA 98371

SHEET TITLE:
EXISTING AND PROPOSED ANTENNA CONFIGURATIONS

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: RF-1

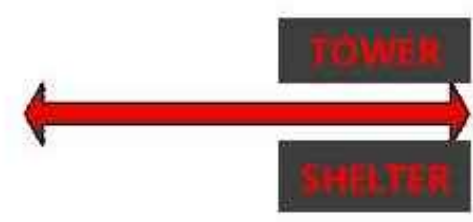
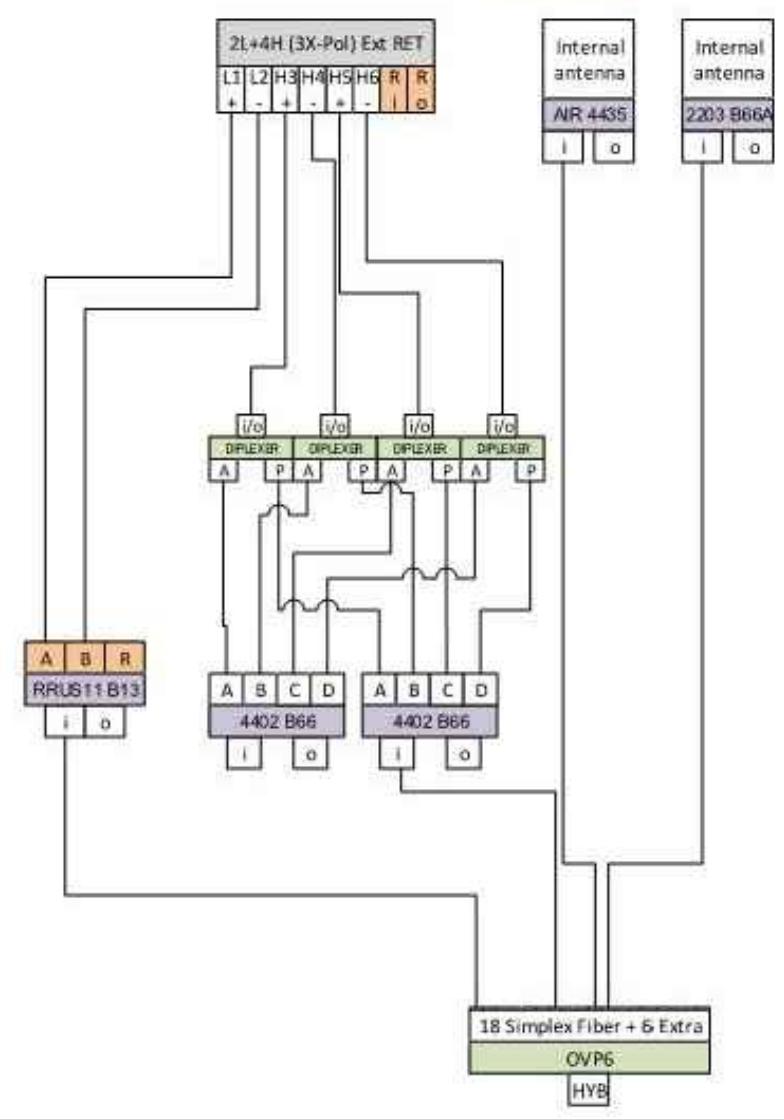


22"x34" SCALE: 3/4" = 1'-0"
11"x17" SCALE: 3/8" = 1'-0"

SMALL CELL NODE
SECTOR 3
FERRIS WHEEL DUS3
001622/0017622

700 LTE
AWS1 LTE
PCS LTE

C Band CBRS



CLIENT: PRCTI20231407



IMPLEMENTATION TEAM/CLIENT:



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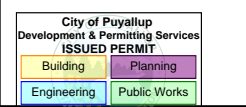


REV	DATE	DESCRIPTION
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PROJECT:
**TAC
FERRIS WHEEL**
110 9TH AVE SW
PUYALLUP, WA 98371

SHEET TITLE:
**PROPOSED
IT DIAGRAM**

FUZE PROJECT ID: 16481916	DATE: 3/30/23
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: RF-2



22"x34" SCALE: NOT TO SCALE
11"x17" SCALE: NOT TO SCALE