



## 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.

21. ALL ITEMS NOT LISTED AS "EXISTING" OR "PROVIDED BY OTHERS" ARE TO BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
22. ALL MATERIALS FURNISHED UNDER THIS CONTRACT SHALL BE NEW, UNLESS OTHERWISE NOTED.
23. WHERE EXISTING MATERIALS ARE RE-USED, THE CONTRACTOR SHALL ENSURE THAT ALL OF THE EXISTING MATERIALS ARE FREE FROM DEFECTS OR HAVE BEEN REPAIRED TO LIKE NEW CONDITION.
24. ALL WORK SHALL BE GUARANTEED AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP. THE CONTRACTOR SHALL REPAIR OR REPLACE AT THEIR EXPENSE ALL WORK THAT MAY DEVELOP DEFECTS IN MATERIALS OR WORKMANSHIP WITHIN ONE YEAR AFTER FINAL ACCEPTANCE OF THE ENTIRE PROJECT OR A PREDETERMINED PERIOD OF TIME (AS NEGOTIATED WITH THE PROPERTY OWNER AND WIRELESS CARRIER), WHICHEVER IS GREATER.
25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO THE EXISTING CONSTRUCTION AND REPAIR ALL DAMAGES TO BETTER THAN NEW CONDITION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DAMAGE TO THE BUILDING SITE OR ANY ADJACENT STRUCTURES. THE PROPERTY OWNER SHALL BE SOLE AND FINAL JUDGE AS TO THE QUALITY OF THE REPAIRED CONSTRUCTION. ANY REPAIRS OR MODIFICATIONS WHICH MUST BE MADE SHALL BE MADE AT THE EXPENSE OF THE CONTRACTOR.
26. THE EXISTING CONDITIONS REPRESENTED HEREIN ARE BASED ON VISUAL OBSERVATIONS AND INFORMATION PROVIDED BY OTHERS. LYNX CONSULTING INC. CANNOT GUARANTEE THE CORRECTNESS NOR COMPLETENESS OF THE EXISTING CONDITIONS AS SHOWN AND ASSUMES NO RESPONSIBILITY THEREOF. THE CONTRACTOR AND SUB-CONTRACTORS SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AS REQUIRED FOR PROPER EXECUTION OF THE PROJECT. THE CONTRACTOR AND SUB-CONTRACTORS SHALL REPORT ANY CONFLICTS OR DISCREPANCIES TO THE ENGINEER PRIOR TO CONSTRUCTION.
27. THE CONTRACTOR SHALL CALL FOR UTILITY LOCATES, VERIFY LOCATIONS AND MARK ALL BURIED UTILITIES PRIOR TO PERFORMING ANY EXCAVATIONS OR GRADING ACTIVITIES.
28. DO NOT SCALE THESE DRAWINGS. DIMENSIONS ARE EITHER TO THE FACE OF FINISHED ELEMENTS OR TO THE CENTERLINE OF ELEMENTS, UNLESS OTHERWISE NOTED. CRITICAL DIMENSIONS SHALL BE VERIFIED AND THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
29. LYNX CONSULTING INC. HAS NOT CONDUCTED, NOR DOES IT INTEND TO CONDUCT ANY INVESTIGATION AS TO THE PRESENCE OF HAZARDOUS MATERIALS, INCLUDING, BUT NOT LIMITED TO, ASBESTOS WITHIN THE CONFINES OF THIS PROJECT. LYNX CONSULTING INC. DOES NOT ACCEPT RESPONSIBILITY FOR THE INDEMNIFICATION, REMOVAL, OR ANY EFFECTS FROM THE PRESENCE OF THESE MATERIALS. IF EVIDENCE OF HAZARDOUS MATERIALS IS FOUND, WORK IS TO BE SUSPENDED AND THE PROPERTY OWNER NOTIFIED. THE CONTRACTOR IS NOT TO PROCEED WITH FURTHER WORK UNTIL INSTRUCTED BY THE PROPERTY OWNER IN WRITING.
30. THE GENERAL CONTRACTOR AND EACH SUBCONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS, DIMENSIONS, AND UTILITIES ON SITE PRIOR TO THE COMMENCEMENT OF WORK. ALL DISCREPANCIES BETWEEN THESE DOCUMENTS AND THE EXISTING ON-SITE CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEER'S ATTENTION. NO CLAIM FOR ADDITIONAL COMPENSATION FOR WORK WHICH COULD HAVE BEEN FORESEEN BY AN INSPECTION, WHETHER SHOWN ON THE CONTRACT DOCUMENTS OR NOT, WILL BE ACCEPTED OR PAID.
31. THE CONTRACTOR SHALL VERIFY AND COORDINATE SIZE AND LOCATION OF ALL OPENINGS FOR STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL, OR ARCHITECTURAL WORK.
32. THE CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF ANY AND ALL MECHANICAL, ELECTRICAL, PLUMBING, OR STRUCTURAL ELEMENTS AND THAT ALL REQUIRED CLEARANCES FOR THE INSTALLATION AND MAINTENANCE ARE MET. IN THE CASE OF ANY CONFLICTS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. THE ENGINEER HAS THE RIGHT TO MAKE MINOR MODIFICATIONS IN THE DESIGN OF THE FACILITY WITHOUT THE CONTRACTOR GETTING ADDITIONAL COMPENSATION.
33. IF THE CONTRACTOR OR SUB-CONTRACTORS FIND IT NECESSARY TO DEVIATE FROM THE ORIGINAL APPROVED PLANS, THEN IT IS THE CONTRACTOR'S AND THE SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE ENGINEER WITH COPIES OF THE PROPOSED CHANGES FOR THEIR APPROVAL BEFORE PROCEEDING WITH THE WORK. IN ADDITION, THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY APPROVALS FROM THE BUILDING AUTHORITIES FOR THE PROPOSED CHANGES BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR AND SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR PROCURING ALL NECESSARY INSPECTIONS AND APPROVALS FROM BUILDING AUTHORITIES DURING EXECUTION OF THE WORK.

## 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 2021, STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS FOLLOWS.

TYPE OF CONSTRUCTION	28 DAY STRENGTH (f <sub>c</sub> )	W/C RATIO	MINIMUM CEMENT CONTENT PER CUBIC YARD
SLAB ON GRADE TOPPING SLABS CONCRETE PIERS	3,000 PSI	≤ 0.45	5 1/2 SACKS
ALL STRUCTURAL CONCRETE	4,000 PSI	≤ 0.45	6 1/2 SACKS
CONCRETE WALLS	4,000 PSI	≤ 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 2021
5. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENTS S1), GRADE 60, f<sub>y</sub>=60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, f<sub>y</sub>=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<sub>y</sub>=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) 2" (#5 BARS OR SMALLER) 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.

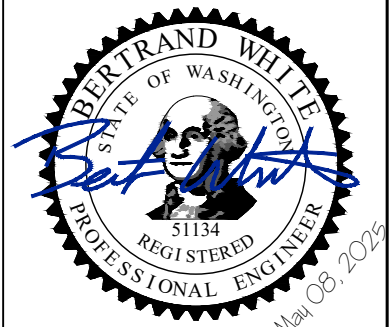
CLIENT:



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.



REV	DATE	DESCRIPTION
-	-	-
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3	5/9/25	FCD'S ISSUED FOR SUBMITTAL
2	2/11/25	REVISED ANTENNA MODEL
1	1/16/25	PCD'S ISSUED FOR REVIEW

PROJECT:

**SEA  
MERCER EAST**

76TH AVE SE  
MERCER ISLAND, WA 98040

SHEET TITLE:

# GENERAL NOTES

FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO:  <b>3</b>	SHEET NO:  <b>N-1</b>

## 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  
2021 INTERNATIONAL BUILDING CODE; SECTIONS 1701, 1704, & 1705

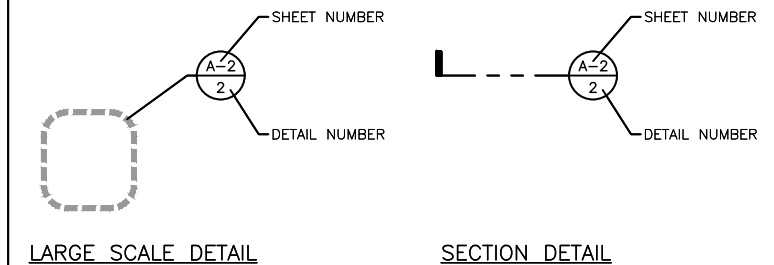
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|--|---|
| <input type="checkbox"/> STRUCTURAL STEEL (1705.2; AISC 360)             | <input type="checkbox"/> SPRAYED FIRE-REST MATERIALS (1705.3)             |
| <input type="checkbox"/> STEEL - OTHER THAN STRUCTURAL STEEL (1705.2.2)  | <input type="checkbox"/> 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 2021 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 SHAPES	ASTM A992, f <sub>y</sub> 50 KSI
OTHER SHAPES, PLATES AND RODS	ASTM A36, f <sub>y</sub> 36 KSI
PIPE COLUMNS	ASTM A53, f <sub>y</sub> 35 KSI
STRUCTURAL TUBING	ASTM A500, f <sub>y</sub> 46 KSI
ANCHOR BOLTS	ASTM A307
CONNECTION BOLTS	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.

## LEGEND



Call Before You Dig

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

CLIENT:



IMPLEMENTATION TEAM/CLIENT:



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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  
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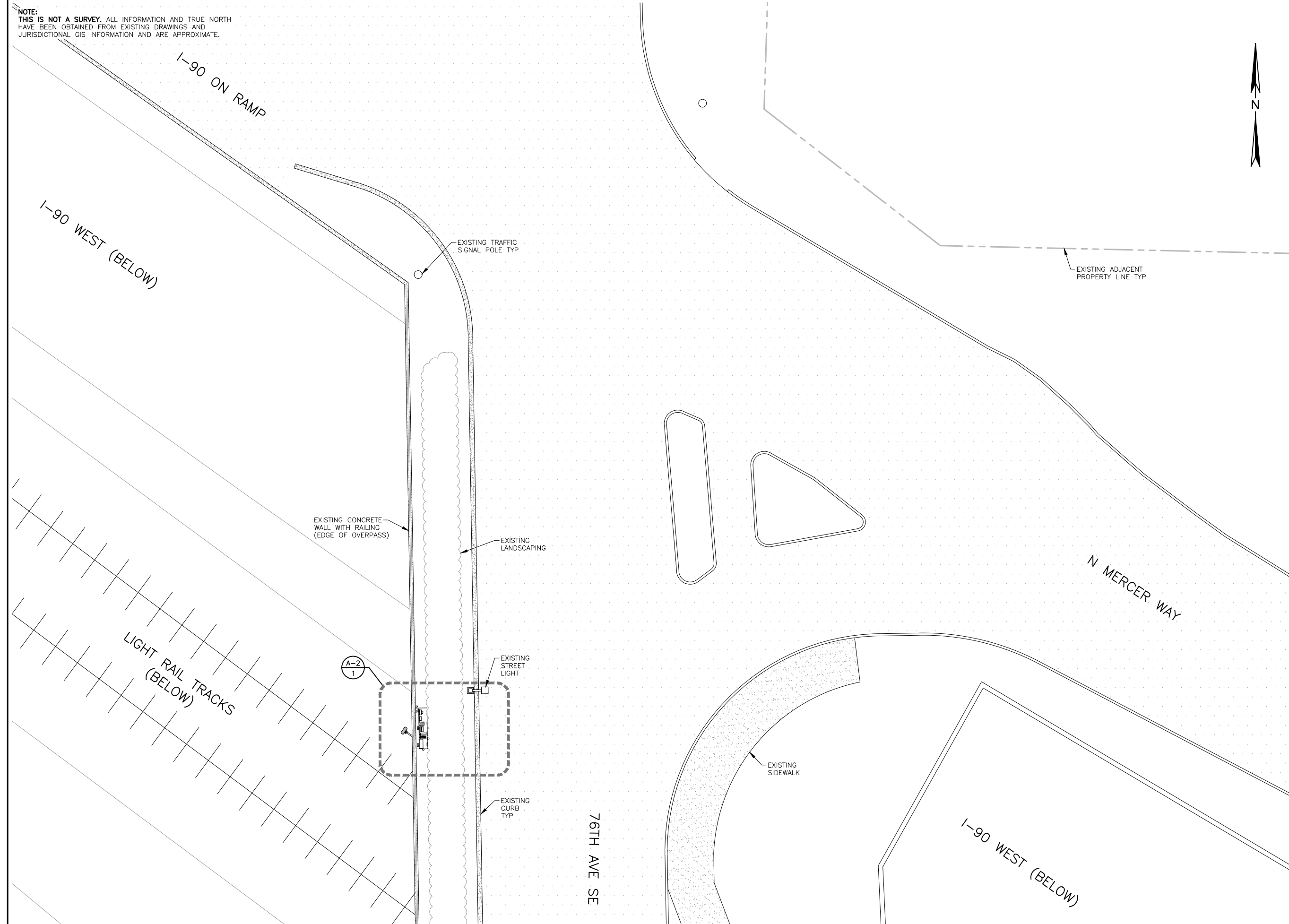
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3	5/9/25	FCD'S ISSUED FOR SUBMITTAL
2	2/11/25	REVISED ANTENNA MODEL
1	1/16/25	PCD'S ISSUED FOR REVIEW

PROJECT:  
**SEA  
MERCER EAST**  
76TH AVE SE  
MERCER ISLAND, WA 98040

SHEET TITLE:  
**PROPOSED  
SITE PLAN**

FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW

REVISION NO: <b>3</b>	SHEET NO: <b>C-1</b>
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22"x34" SCALE: 1" = 10'-0"  
11"x17" SCALE: 1" = 20'-0"

PROPOSED SITE PLAN | 1

CLIENT:



IMPLEMENTATION TEAM/CLIENT:



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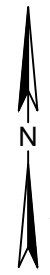
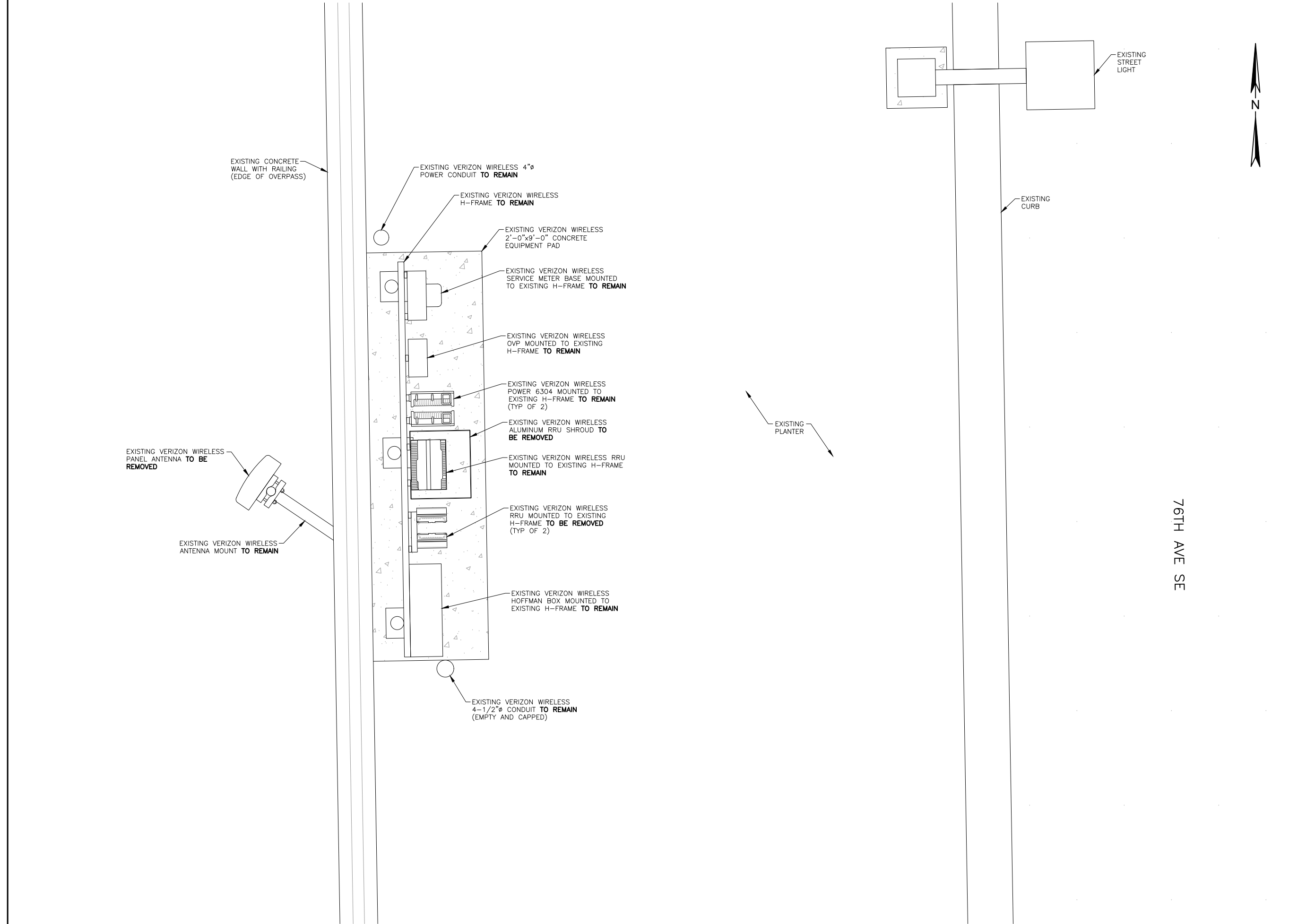


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PROJECT:  
**SEA  
 MERCER EAST**  
 76TH AVE SE  
 MERCER ISLAND, WA 98040

SHEET TITLE:  
**EXISTING  
 EQUIPMENT  
 PLAN**

FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: A-1



76TH AVE SE

22"x34" SCALE: 1" = 1'-0"  
 11"x17" SCALE: 1/2" = 1'-0"  
 1" 6" 0" 1"

CLIENT:



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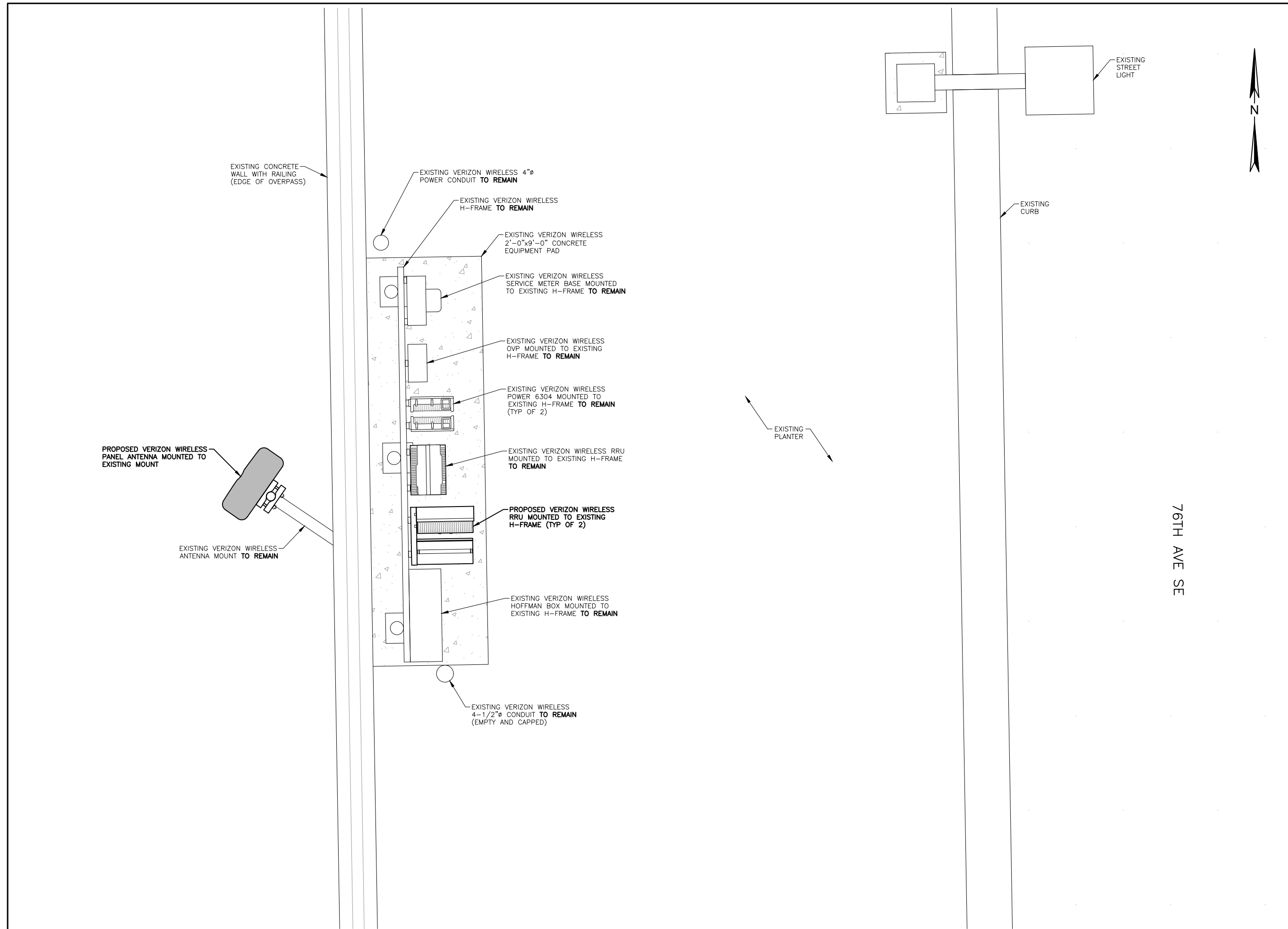


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PROJECT:  
**SEA MERCER EAST**  
 76TH AVE SE  
 MERCER ISLAND, WA 98040

SHEET TITLE:  
**PROPOSED EQUIPMENT PLAN**

FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: A-2



22"x34" SCALE: 1" = 1'-0"  
 11"x17" SCALE: 1/2" = 1'-0"

CLIENT:



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.



REV	DATE	DESCRIPTION
-	-	-
-	-	-
-	-	-
-	-	-
3	5/9/25	FCD'S ISSUED FOR SUBMITTAL
2	2/11/25	REVISED ANTENNA MODEL
1	1/16/25	PCD'S ISSUED FOR REVIEW

PROJECT:  
**SEA**  
**MERCER EAST**  
 76TH AVE SE  
 MERCER ISLAND, WA 98040

SHEET TITLE:  
**EXISTING AND PROPOSED ELEVATIONS**

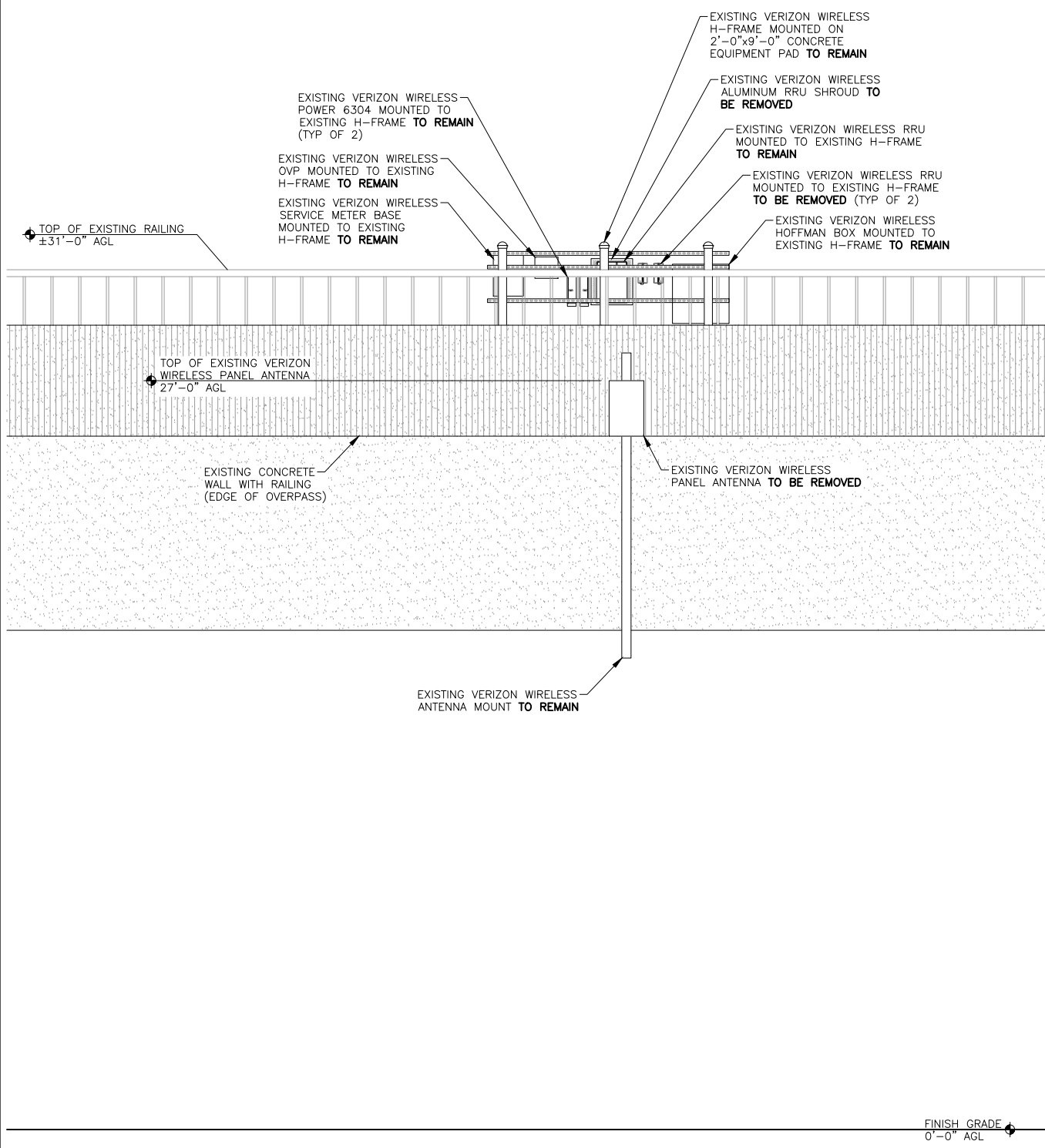
FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD: BEW
REVISION NO:	SHEET NO:

3

A-3

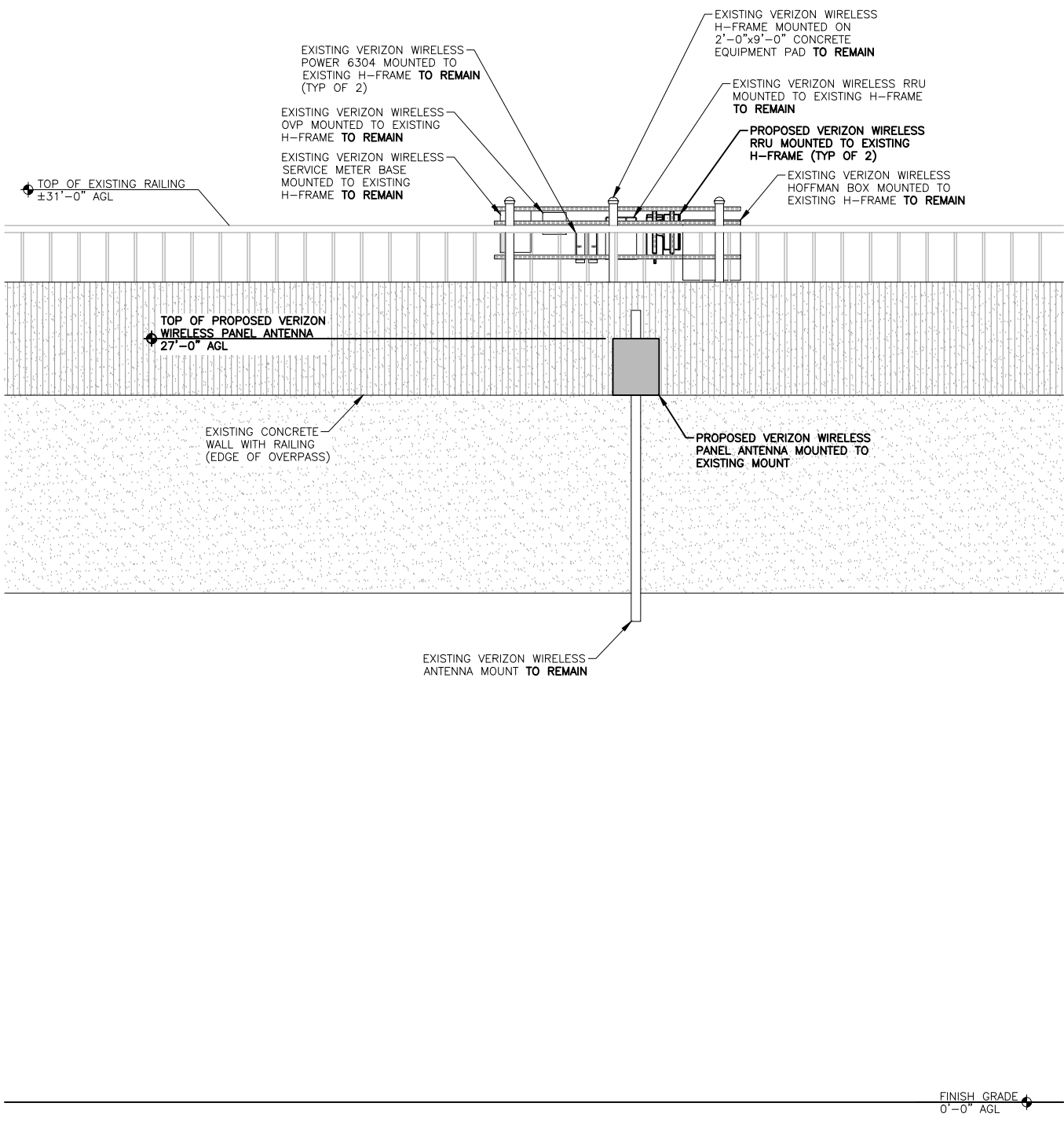
NOTES:

- 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 TOWER MOUNTED EQUIPMENT AND CABLES, THE CONTRACTOR SHALL REVIEW THE APPROVED STRUCTURAL ANALYSIS SUPPLIED BY OTHERS AND MODIFY, IF REQUIRED, ALL APPLICABLE MEMBERS AS REQUIRED BY THE CERTIFIED STRUCTURAL REPORT.
- THE CONTRACTOR SHALL INSPECT THE TOWER 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.
- THE CONTRACTOR SHALL RE-TORQUE ALL EXISTING MOUNTING HARDWARE, AND REPLACE ANY COMPONENTS THAT ARE DEEMED WORN OR DAMAGED.



22"x34" SCALE: 3/8" = 1'-0"  
 11"x17" SCALE: 3/16" = 1'-0"

EXISTING ELEVATION 2



22"x34" SCALE: 3/8" = 1'-0"  
 11"x17" SCALE: 3/16" = 1'-0"

PROPOSED ELEVATION 1

EXISTING ANTENNA SCHEDULE

ALPHA SECTOR	AZIMUTH	TIP HEIGHT	QTY	VENDOR	MODEL	LENGTH	WIDTH	DEPTH	MECH TILT	ELEC TILT	CABLE QTY	FEEDER TYPE	FEEDER LENGTH	ADDITIONAL EQUIPMENT
850	305°	27'-0"	1	JMA	DX12FR0260	24.0"	15.0"	5.3"	4'	1'	1	6x12 HYBRID	20'-0"	RRUS4449 B5/B13
700										3'				RRUS4402 B2
PCS										1'				RRUS4402 B66
AWS										2'				

PROPOSED ANTENNA SCHEDULE

RFDS DATE: 6/26/2024

ALPHA SECTOR	AZIMUTH	TIP HEIGHT	QTY	VENDOR	MODEL	LENGTH	WIDTH	DEPTH	MECH TILT	ELEC TILT	CABLE QTY	FEEDER TYPE	FEEDER LENGTH	ADDITIONAL EQUIPMENT
850	305°	27'-0"	1	COMMSCOPE	NNV4S6-65S-F4	24.0"	19.6"	7.8"	4'	4'	1	6x12 HYBRID	20'-0"	RRUS4449 B5/B13
700										4'				RRUS4890 B2/B66
PCS										4'				
AWS										4'				
LS6									0'					RRUS8863 N77D

CLIENT:



IMPLEMENTATION TEAM/CLIENT:



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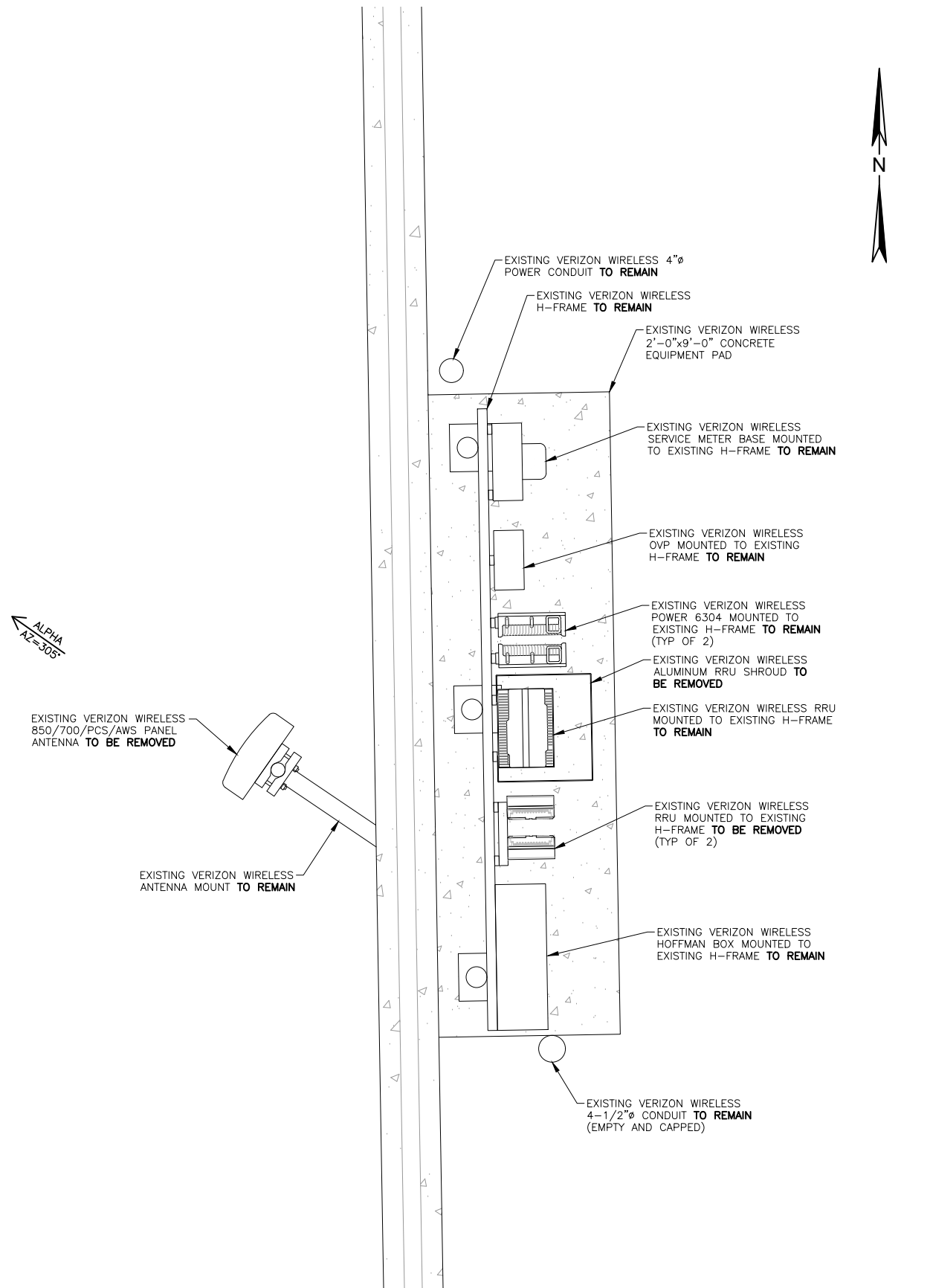


REV	DATE	DESCRIPTION
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3	5/9/25	FCD'S ISSUED FOR SUBMITTAL
2	2/11/25	REVISED ANTENNA MODEL
1	1/16/25	PCD'S ISSUED FOR REVIEW

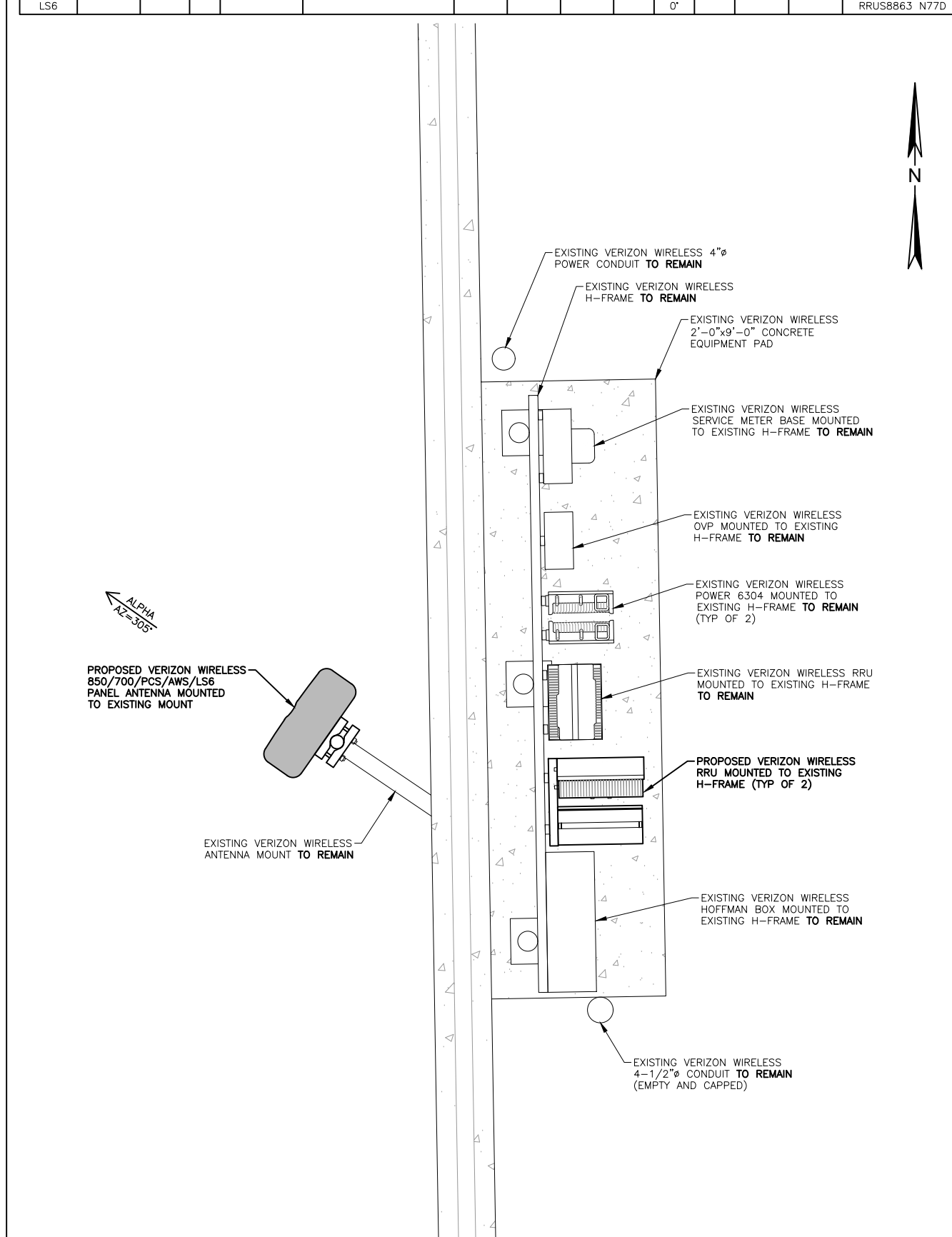
PROJECT:  
**SEA MERCER EAST**  
 76TH AVE SE  
 MERCER ISLAND, WA 98040

SHEET TITLE:  
**EXISTING AND PROPOSED ANTENNA CONFIGURATIONS**

FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: RF-1



EXISTING ANTENNA CONFIGURATION 2

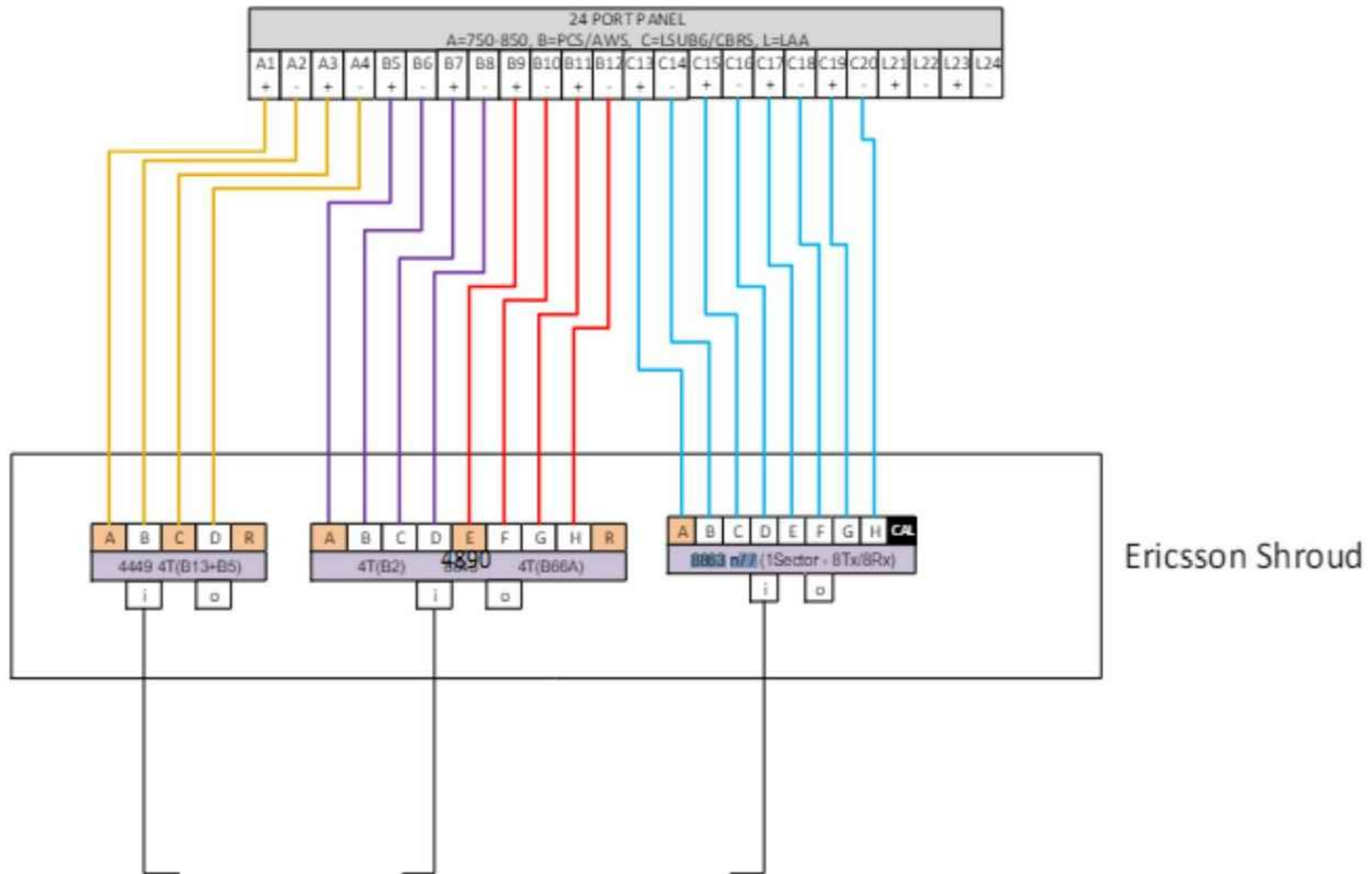
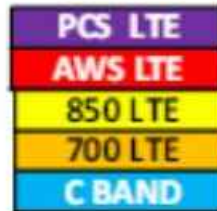


PROPOSED ANTENNA CONFIGURATION 1

22"x34" SCALE: 1"= 1'-0"  
 11"x17" SCALE: 1/2"= 1'-0"

22"x34" SCALE: 1"= 1'-0"  
 11"x17" SCALE: 1/2"= 1'-0"

# SEA – MERCER EAST [1 Sector – 700, 850, AWS, PCS, CBAND]



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3	5/9/25	FCD'S ISSUED FOR SUBMITTAL
2	2/11/25	REVISED ANTENNA MODEL
1	1/16/25	PCD'S ISSUED FOR REVIEW

PROJECT:  
**SEA  
 MERCER EAST**  
 76TH AVE SE  
 MERCER ISLAND, WA 98040

SHEET TITLE:  
**PROPOSED  
 IT DIAGRAM**

FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: RF-2

CLIENT:



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.



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

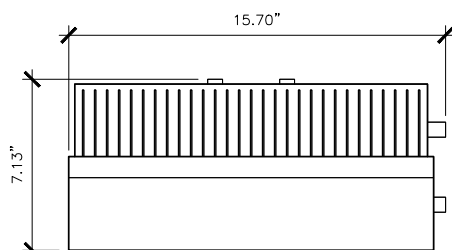
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22"x34" SCALE: NOT TO SCALE  
11"x17" SCALE: NOT TO SCALE

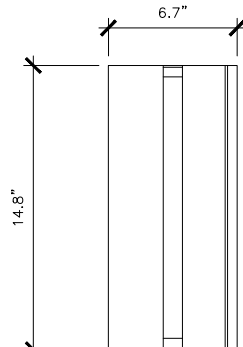
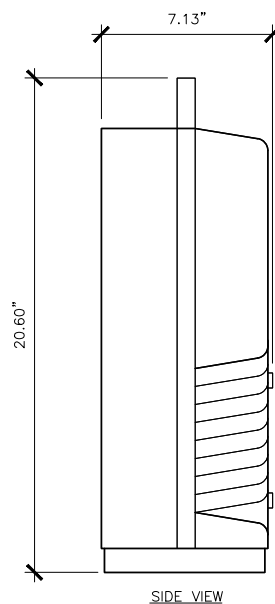
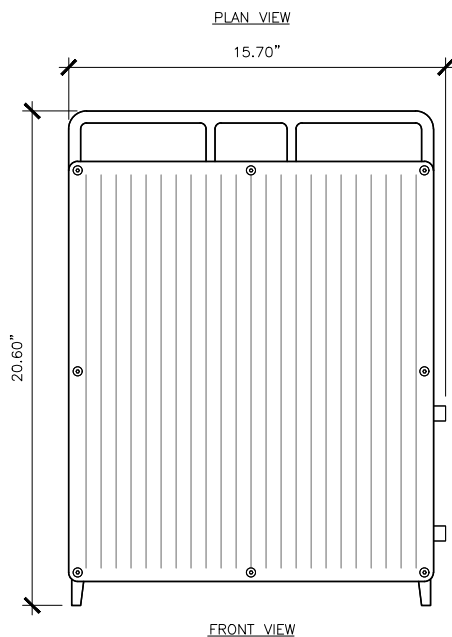
NOT USED 5

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

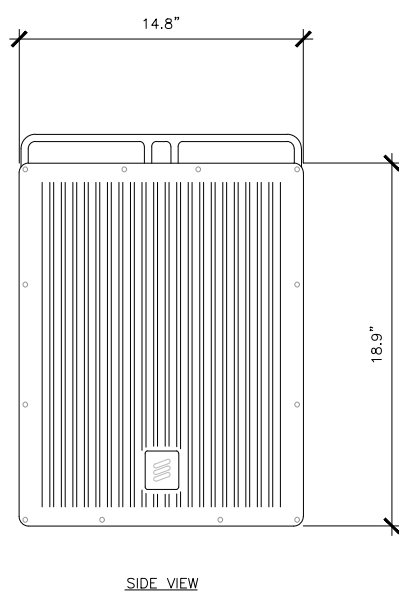
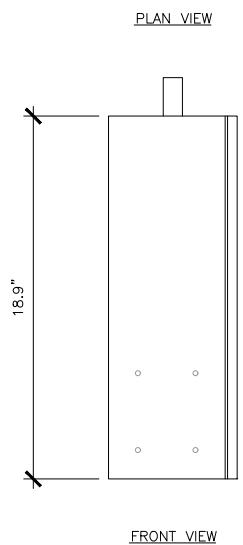
NOT USED 4



RRUS4890 B2/B66 SPECIFICATIONS	
MANUFACTURER:	ERICSSON
HEIGHT:	20.60"
WIDTH:	15.70"
DEPTH:	7.13"
WEIGHT:	68.4 LBS

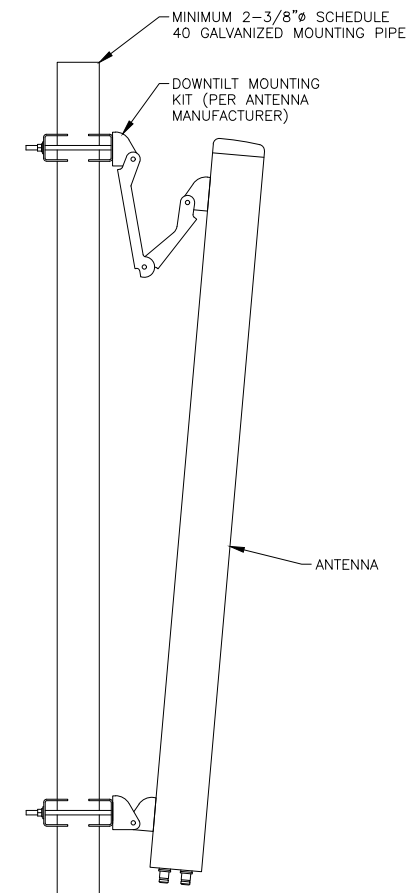


RRUS8863 SPECIFICATIONS	
MANUFACTURER:	ERICSSON
HEIGHT:	18.9"
WIDTH:	14.8"
DEPTH:	6.7"
WEIGHT:	57.4 LBS



NOTES:

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



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PROJECT:

**SEA  
MERCER EAST**

76TH AVE SE  
MERCER ISLAND, WA 98040

SHEET TITLE:

**CONSTRUCTION  
DETAILS**

FUZE PROJECT ID: 16901705	DATE: 1/10/25
DRAFTER: AJB	PROFESSIONAL OF RECORD BEW
REVISION NO: 3	SHEET NO: D-1

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

RRUS4890 B2/B66 3

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

RRUS8863 N77D 2

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

ANTENNA MOUNT 1