GENERAL INFORMATION

- THIS UNSTAFFED AND RESTRICTED EQUIPMENT SITE, WILL BE USED FOR THE TRANSMISSION OF RADIO SIGNALS FOR THE PURPOSE OF PROVIDING PUBLIC CELLULAR SERVICE.
- T-MOBILE CERTIFIES THAT THIS WIRELESS EQUIPMENT FACILITY WILL BE SERVICED ONLY BY CARRIER EMPLOYEES AND THE WORK ASSOCIATED WITH ANY EQUIPMENT CANNOT BE PERFORMED BY HANDICAPPED PERSONS. THIS FACILITY WILL BE FREQUENTED ONLY BY SERVICE PERSONNEL FOR REPAIR PURPOSES. PURSUANT TO THE AMERICANS WITH DISABILITIES ACT (ADA), APPENDIX B SECTION 4.11 (5) (b), THIS FACILITY IS EXEMPT FROM
- NO POTABLE WATER SUPPLY IS TO BE PROVIDED AT THIS LOCATION.
- NO WASTE WATER OR SOLID WASTE WILL BE GENERATED AT THIS LOCATION.
- T-MOBILE MAINTENANCE CREW (ONE PERSON) WILL MAKE AN AVERAGE OF ONE TRIP PER MONTH AT ONE HOUR PER TRIP

T. Mobile.

A SEPARATE ELECTRICAL PERMIT IS REQUIRED.

Be done in a WABO certified fabrication shop.

Is required to be done by a WABO certified welder and have

Special Inspections by a WABO certified Inspection Agency

Have either the special inspection report or the WABO

fabrication shop certification available on site for the

ALL Welding:

Building Inspector.

CONSULTANT

CONSTRUCTION MANAGER

DEVELOPMENT MANAGER

OPERATIONS MANAGER

REGULATORY REVIEW

CONSTRUCTION MANAGER

PROJECT MANAGER

LANDLORD'S REPRESENTATIVE

PROJECT LEAD

SITE ACQUISITION

CARRIER

RF ENGINEER

TOTEM LOCKE

SITE NAME:

SITE NUMBER: SE03314B

DRAWINGS, CALCULATIONS AND

FABRICATION OF ITEMS THAT ARE

DESIGNED BY OTHERS SHALL BE

TO FABRICATION.

PRODUCT DATA FOR THE DESIGN AND

UBMITTED TO THE EOR FOR APPROVAL

PRIOR TO SUBMITTING TO THE BUILDING

DEPARTMENT FOR REVIEW AND PRIOR

PROJECT: ANCHOR / L600 LOCATION:

12504 116TH AVENUE NE. KIRKLAND, WA 98034

VICINITY MAP m Creek otem Creek SITE LOCATION An Artful Touch Olive Garden Courtyard-Seattle Kirkland

APPROVAL/SIGN OFF OF DRAWINGS

REVIEWERS SHALL CLEARLY PLACE INITIALS ADJACENT TO EACH

REDLINE NOTE AS DRAWINGS ARE BEING REDLINED

DATE | SIGNATURE

DATE | SIGNATURE

GENERAL LOCATION MAP SITE LOCATION ME 1121 St

DRIVING DIRECTIONS

FROM T-MOBILE BOTHELL, WA OFFICE:

DEPART SOUTH ON N CREEK PKWY TURN RIGHT ONTO NE 195TH ST NORTHCREEK CHEVRON ON THE CORNER

TAKE RAMP LEFT FOR I-405 S TOLL ROAD

TAKE RAMP LEFT AND FOLLOW SIGNS FOR NE 128TH ST TOLL ROAD

TURN RIGHT ONTO NE 128TH ST, AND THEN IMMEDIATELY TURN LEFT ONTO 116TH AVE NE

ARRIVE AT 116TH AVE NE, BEHIND McDONALDS 47.712553, -122.185344

LEGAL DESCRIPTION

POR OF SW 1/4 OF NW 1/4 LY WLY OF PSH NO 1 SLY OF LN BEG AT PT 644.68 FT N OF SW COR OF SUBD TH S 85-13-30 E 157.40 FT TH S 54-19-00 E TO ELY LN & N OF LN RNG S 88-02-09 E FR PT 376.07 FT N OF SW COR OF SUBD LESS CO RD LESS BAAP ON W LN THOF N 01-57-51 E 401.07 FT 8 S 88-02-09 E 42 FT FR SW COR OF SD SUBD TH N 01-57-51 E 186 FT TH S 88-02-09 E 155.22 FT TH S 53-03-39 E 83.86 FT TH S 01-57-51 W 137.93 FT TH N 88-02-09 W 223.93 FT TO BEG. PER KING COUNTY ASSESSOR RECORDS

PROJECT TEAM

APPLICANT:

19807 NORTH CREEK PARKWAY BOTHELL, WA 98011

PROJECT ENGINEER:

CORNERSTONE ENGINEERING, INC. 16928 WOODINVILLE-REDMOND RD N.E.

WOODINVILLE, WA 98072 MARK W OLSON, P.E. (425) 487-1732

PROJECT CONSULTANT:

RYKA CONSULTING 5628 AIRPORT WAY S., STE 112 SEATTLE, WA 98108 (206) 523-1941

PROPERTY OWNER:

NORSCOT ENTERPRISES, LLC 12504 116TH AVE NE KIRKLAND, WA 98034

CODE INFORMATION:

BUILDING CODE: IBC 2015

OCCUPANCY: GROUP U

LATITUDE:

LONGITUDE:

CONSTRUCTION TYPE: V-B

ZONING CLASSIFICATION: TL 6B

GENERAL INFORMATION:

2. TRAFFIC IS UNAFFECTED.

JURISDICTION: CITY OF KIRKLAND, WA

PROPOSED BUILDING USE: TELECOMM

SITE LOCATION (BASED ON NAD 83):

TOP OF STRUCTURE: 24.0' (TOP OF BUILDING)

BASE OF STRUCTURE: 127.3' AMSL 1-A REPORT 4/17

47° 42' 45.19" N (47.712553)

122° 11' 07.24" W (-122.185344)

1. PARKING REQUIREMENTS ARE UNCHANGED. (NON ASSIGNED TECH PARKING)

PROJECT INFORMATION

PROJECT MANAGER:

JESSICA PIERCE (206) 523-1941

jpierce@rykaconsulting.com

CONSTRUCTION MANAGER: SEBASTIAN LEW (206) 523-1941

slew@rykaconsulting.com

SITE ACQUISITION: **KELLER HIGBEE**

(206) 523-1941 khigbee@rykaconsulting.com

ccontreras@rykaconsulting.com

282605-9096

±0.54 ACRES

AREA OF PARCEL:

PROJECT AREA:

±135.0 SQ FT (EQUIPMENT AREA)

PERMITTING: CHRISTINE CONTRERAS

(206) 523-1941

PROJECT DESCRIPTION

ELECTRICAL DIAGRAMS

ELECTRICAL DIAGRAMS

City of Kirkland

Thomas Hoque, PCD

Todd Anderson, FIRE

Reviewed by:

ANTENNA (ROOFTOP) WORK:

REMOVE:

A-3.2

• (ALL) 7/8"Ø COAX LINES

DRAWING INDEX

DWG DESCRIPTION

TITLE SHEET

SITE PLAN

DETAIL SHEET

DETAIL SHEET

DETAIL SHEET

DETAIL SHEET

DETAIL SHEET

RF DETAILS

RF DETAILS

GENERAL NOTES

EXISTING ENLARGED SITE PLAN

ANTENNA PLANS & SCHEDULES

EXISTING & PROPOSED EQUIPMENT PLANS

EXISTING & PROPOSED NORTH ELEVATIONS

SCHEMATIC GROUNDING PLAN & DETAILS

ANTENNA FRAMING PLANS (BY OTHERS)

STRUCTURAL NOTES (BY OTHERS)

STRUCTURAL DETAILS (BY OTHERS)

- (12) AWS/PCS DIPLEXERS (6 PER SECTOR)
- (2) FRIG RRU'S
- (2) FHFB RRU'S
- (2) COVP UNITS
- (2) HCS 1.0 HYBRID CABLES (1) ROOFTOP EQUIPMENT PLATFORM

• (2) HEX ANTENNAS W/ (2) OCTOPORT ANTENNAS

- (2) AEHC RRU'S
- (2) AHLOA RRU'S (2) AHFIG RRU'S
- (2) HCS 2.0 HYBRID CABLES W/ PENDANTS
- (1) 6'x6'x10' TALL FRP ANTENNA / EQUIPMENT ENCLOSURE (ALPHA SECTOR)

EQUIPMENT (GROUND) WORK:

REMOVE:

- (1) PURCELL POWER CABINET
- (1) NOKIA ULTRASITE CABINET
- (1) FCOA CABINET
- (2) POWER/TELCO CABINETS
- (1) COVP UNIT
- ALL UNUSED FLEXI SYSTEM MODULES

REPLACE:

(1) CSR 7210 ROUTER W/ (1) CSR IXRe ROUTER 100 AMP SERVICE W/ 200 AMP SERVICE (PER SEPARATE SCOPE OF WORK UNDER SEPARATE ELECTRICAL PERMIT)

- (ALL) NEW FLEXI SYSTEM MODULES PER LATEST RFDS
- (1) HPL3 POWER CABINET
- (2) HCS 2.0 JUNCTION BOX
- (1) LED SERVICE LIGHT W/ 4 HR TIMER
- **NEW IMPERVIOUS AREA:** (1) 200 AMP PPC PANEL 0 SQ. FT.

- (1) FSMF BASEBAND UNIT (RE-USED)

(PER RFDS VERSION: 5.0 - 08/07/2020 - 8:59:45 AM\ / 1\ (PROJECT TYPE: ANCHOR

|||-T--Mobile-

PLANS PREPARED BY:



PHONE: 425.487.1732 WWW.CORNERSTONE-ENGR.COM

=PROJECT INFO:

SE03314B

TOTEM LOCKE

12504 116TH AVENUE NE KIRKLAND, WA 98034 KING COUNTY

ISSUED FOR:

CONSTRUCTION

=REV: DATE: =ISSUED FOR: = 08-10-20 REVISED RFDS JRF 08-05-20 FINAL A 06-15-20 PRELIMINARY

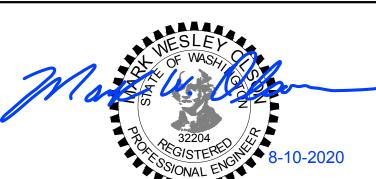
DRAWN BY: CHK :: =

MWO MWO

CURRENT ISSUE DATE:

08-10-20

LICENSURE:



JURISDICTIONAL APPROVAL:

CITY OF KIRKLAND REVIEWED BY TCHAN 10/26/2020

PROPRIETARY INFORMATION:

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS AND OMISSIONS. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. HE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN WHICH IS RELATED TO NAMED CLIENT IS STRICTLY PROHIBITED.

DRAWING TITLE:

TDRAWING NUMBER:

TITLE SHEET

CEI JOB NUMBER: ANCHOR 20-06029

PARCEL NUMBER:

- (1) HPL3 BATTERY CABINET
- (1) AAV CUBE
- (1) EQUIPMENT H-FRAME
- (1) GPS ANTENNA

BNR20-05907 APPROVED PLANS - T-Mobile (RE:WIR20-00464) - 10/26/20 Page 1 of 20

GENERAL NOTES:

- DRAWINGS ARE NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE, THIS SET OF DOCUMENTS IS INTENDED TO BE USED FOR DIAGRAMMATIC PURPOSES ONLY, UNLESS NOTED OTHERWISE. THE GENERAL CONTRACTOR'S SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, AND ANY REQUIREMENTS DEEMED NECESSARY TO COMPLETE PROJECT AS DESCRIBED IN THE DRAWINGS AND OWNER'S PROJECT MANUAL
- PRIOR TO THE SUBMISSION OF BIDS, CONTRACTORS INVOLVED SHALL VISIT THE JOB SITE TO FAMILIARIZE THEMSELVES WITH ALL CONDITIONS AFFECTING THE PROPOSED PROJECT. CONTRACTORS SHALL VISIT THE CONSTRUCTION SITE WITH THE CONSTRUCTION/CONTRACT DOCUMENTS TO VERIFY FIELD CONDITIONS AND CONFIRM THAT THE PROJECT WILL BE ACCOMPLISHED AS SHOWN. PRIOR TO PROCEEDING WITH CONSTRUCTION, ANY ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER VERBALLY AND IN WRITING.
- THE ARCHITECTS/ENGINEERS HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK, CONTRACTORS BIDDING THE JOB ARE NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS. THE BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE ARCHITECT/ENGINEER OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO SUBMISSION OF CONTRACTOR'S PROPOSAL. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED OTHERWISE.
- 4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- ALL WORK PERFORMED ON THE PROJECT AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK.
- GENERAL CONTRACTOR SHALL PROVIDE, AT THE PROJECT SITE, A FULL SET OF CONSTRUCTION DOCUMENTS UPDATED WITH THE LATEST REVISIONS AND ADDENDA OR CLARIFICATIONS FOR USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT. THIS SET IS A VALID CONTRACT DOCUMENT ONLY IF THE TITLE SHEET IS STAMPED "FOR CONSTRUCTION" AND EACH SUCCESSIVE SHEET BEARS THE ARCHITECT'S SIGNED WET STAMP.
- 8. THE STRUCTURAL COMPONENTS OF ADJACENT CONSTRUCTION OR FACILITIES ARE NOT TO BE ALTERED BY THIS CONSTRUCTION PROJECT UNLESS NOTED OTHERWISE
- 9. SEAL ALL PENETRATIONS THROUGH FIRE-RATED AREAS WITH U.L. LISTED OR FIRE MARSHALL APPROVED MATERIALS IF APPLICABLE TO THIS FACILITY AND OR PROJECT SITE.
- 10. CONTRACTOR TO PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF PROJECT AREA DURING CONSTRUCTION.
- 11. CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- 12. CONTRACTOR SHALL KEEP GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, AND RUBBISH OFFSITE. CONTRACTOR SHALL REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY OR PREMISES. SITE SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- 13. THE GENERAL CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
- 14. THE CONTRACTOR SHALL PERFORM WORK DURING OWNER'S PREFERRED HOURS TO AVOID DISTURBING NORMAL BUSINESS.
- 15. THE CONTRACTOR SHALL PROVIDE THE CLIENT PROPER INSURANCE CERTIFICATES NAMING CLIENT AS ADDITIONAL INSURED, AND CLIENT PROOF OF LICENSE(S) AND PE & PD INSURANCE.
- 16. CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL INSPECTIONS.
- 17. CAUTION! CALL BEFORE YOU DIG! BURIED UTILITIES EXIST IN THE AREA AND UTILITY INFORMATION SHOWN MAY NOT BE COMPLETE. CONTACT THE ONE-CALL UTILITY LOCATE SERVICE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. DIAL 811.
- 18. CONTRACTOR TO DOCUMENT ALL WORK PERFORMED WITH PHOTOGRAPHS AND SUBMIT TO CLIENT ALONG WITH REDLINED CONSTRUCTION SET.
- 19. CONTRACTOR TO DOCUMENT ALL CHANGES MADE IN THE FIELD BY MARKING UP (REDLINING) THE APPROVED CONSTRUCTION SET AND SUBMITTING THE REDLINED SET TO THE CLIENT UPON

COMPLETION.

- 20. FOR COLLOCATION SITES: CONTACT TOWER OWNER REPRESENTATIVE FOR PARTICIPATION IN BID
- 21. GENERAL CONTRACTOR IS TO COORDINATE ALL POWER INSTALLATION WITH POWER COMPANY AS REQUIRED. CONTRACTOR TO REPORT POWER INSTALLATION COORDINATION SOLUTION(S) TO NETWORK CARRIER REPRESENTATIVE, PROJECT CONSTRUCTION MANAGER AND ARCHITECT.
- 22. ANY SUBSTITUTIONS OF MATERIALS AND/OR EQUIPMENT, MUST BE APPROVED BY CLIENT CONSTRUCTION MANAGER.
- 23. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE PENETRATION OF EXISTING ROOFING MATERIALS OCCUR, THE GENERAL CONTRACTOR SHALL COORDINATE WITH BUILDING OWNER AND BUILDING ROOFING CONTRACTOR OF RECORD FOR INSTALLATION, PATCH, REPAIR OR ANY AUGMENTATION TO THE ROOF, AND HAVE THE WORK GUARANTEED UNDER THE ROOFING CONTRACTOR'S WARRANTY FOR MOISTURE PENETRATION OR AND OTHER FUTURE BREACH OF ROOFING INTEGRITY.
- 24. IN THE CASE OF ROOFTOP SOLUTIONS WITH THE INSTALLATION OF ANTENNAS WITHIN CONCEALED (SHROUDED) SUPPORT FRAMES OR TRIPODS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE FRP DESIGNER/FABRICATOR TO ENSURE THAT THE FINAL FRP SHROUD IS SIMULATING (IN APPEARANCE) DESIGNATED EXISTING EXTERIOR BUILDING FACADE MATERIALS, TEXTURES, AND COLORS. THE CONTRACTOR SHALL FURTHERMORE ENSURE THE USE OF COUNTERSUNK FASTENERS IN ALL FRP CONSTRUCTION. WHEN PHOTO SIMULATIONS ARE PROVIDED, THE CONTRACTOR SHALL ENSURE THAT FINAL CONSTRUCTION REPRESENTS WHAT IS INDICATED IN PHOTO SIMULATIONS. SHOP DRAWINGS SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, CONSTRUCTION COORDINATOR, AND ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.
- 25. IN THE CASE OF ROOFTOP SOLUTIONS FOR EQUIPMENT AND/OR ANTENNA FRAMES WHERE ANCHORING TO A CONCRETE ROOF SLAB IS REQUIRED, CONTRACTORS SHALL CONFIRM (PRIOR TO SUBMITTING BID) WITH CONSULTING CONSTRUCTION COORDINATOR AND ARCHITECT THE PRESENCE OF POST TENSION TENDONS WITHIN THE ROOF SLAB - RESULTING FROM AN UNDOCUMENTED DESIGN CHANGE IN THE EXISTING BUILDING "AS-BUILT DRAWING SET" - HAVING INDICATED AN ORIGINAL DESIGN SOLUTION OF REINFORCED CONCRETE W/ EMBEDDED STEEL REBAR. IN THE EVENT POST TENSION SLAB SOLUTION IS PRESENT, CONTRACTOR SHALL INCLUDE PROVISIONS FOR X-RAY PROCEDURES (INCLUDED IN BID) FOR ALL PENETRATION AREAS WHERE ANCHORING OCCURS.

26. GENERAL & SUB CONTRACTORS SHALL USE STAINLESS STEEL METAL LOCKING TIES FOR ALL CABLE TRAY TIE DOWNS AND ALL OTHER GENERAL TIE DOWNS (WHERE APPLICABLE). PLASTIC ZIP TIES SHALL NOT BE PERMITTED FOR USE ON CLIENT PROJECTS. RECOMMENDED MANUFACTURE SHALL BE: PANDUIT CORP. METAL LOCKING TIES MODEL NO. MLT4S-CP UNDER SERIES-304 (OR EQUAL). PANDUIT PRODUCT DISTRIBUTED BY TRIARC OF TACOMA, WA.

DESIGN CRITERIA:

THE STRUCTURAL DESIGN OF THIS PROJECT IS IN ACCORDANCE WITH THE 2015 INTERNATIONAL BUILDING CODE WITH WASHINGTON STATE BUILDING CODE AMENDMENTS (2015 IBC)

DESIGN DATA FOR THE CITY OF KIRKLAND, WA:

-ROOF SNOW LOAD

-WIND EXPOSURE ____

CODE COMPLIANCE:

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

BUILDING/DWELLING CODE 2015 IBC (STATE BUILDING CODE, WAC CHAPTER 51-50)

2015 IRC (STATE BUILDING CODE, WAC CHAPTER 51-51) 2015 IBC (STATE BUILDING CODE, WAC CHAPTER 51-50) MECHANICAL CODE 2015 IMC (STATE BUILDING CODE, WAC CHAPTER 51-52) ELECTRICAL CODE 2017 NEC (DEPT. OF LABOR & INDUSTIRES, WAC CHAPTER 296-46B) 2015 IFC (STATE BUILDING CODE, WAC CHAPTER 51-54A) FIRE/LIFE SAFETY CODE

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE 2015 IBC BUILDING CODE.

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 2015 IBC. STRENGTHS AT 28 DAYS AND MIX CRITERIA SHALL BE AS

	TYPE OF CONSTRUCTION	28 DAY STRENTHS (fc)	W/C RATIO	MINIMUM CEMENT CONTENT PER CUBIC YARD
A.	SLABS ON GRADE TOPPING SLABS CONCRETE PIERS	2,500 PSI	≤ 0.45	5 SACKS
В.	ALL STRUCTURAL CONCRETE EXCEPT WALLS	4,000 PSI	≤ 0.45	6 1/2 SACKS
C.	CONCRETE WALLS	4,000 PSI	≤ 0.45	6 1/2 SACKS

CEMENT SHALL BE ASTM C150, PORTLAND CEMENT TYPE II U.N.O.

- 2. THE GENERAL CONTRACTOR SHALL SUPERVISE AND BE RESPONSIBLE FOR THE METHODS AND PROCEDURES OF CONCRETE PLACEMENT.
- ALL CONCRETE WITH SURFACES EXPOSED TO STANDING WATER SHALL BE AIR-ENTRAINED WITH AN AIR-ENTRAINING AGENT CONFORMING TO ASTM C260, C494, C618, C989 AND C1017. TOTAL AIR CONTENT SHALL BE IN ACCORDANCE WITH ACI 318.
- 4. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (INCLUDING SUPPLEMENT S1), GRADE 60, fy=60,000 PSI. EXCEPTIONS: ANY BARS SPECIFICALLY SO NOTED ON THE DRAWINGS SHALL BE GRADE 40, fy=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.
- REINFORCING STEEL SHALL BE DETAILED (INCLUDING HOOKS AND BENDS) IN ACCORDANCE WITH AC1 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.
- 6. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- SPIRAL REINFORCEMENT SHALL BE PLAIN WIRE CONFORMING TO ASTM A615, GRADE 60, fy=60,000
- NO BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE SHALL BE FIELD BENT UNLESS SPECIFICALLY SO DETAILED OR APPROVED BY THE CONSULTANT.
- 10. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS:

- CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
- CONCRETE EXPOSED TO EARTH OR WEATHER (#6 BARS OR LARGER) (#5 BARS OR SMALLER)	2" 1 1/2"
- CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND (SLABS, WALLS AND JOISTS) (#11 BARS AND SMALLER) (BEAMS, COLUMNS) (PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS)	3/4" 1 1/2"

- 11. BARS SHALL BE SUPPORTED ON CHAIRS OR DOBIE BRICKS.
- 12. ANCHOR BOLTS TO CONFORM TO ASTM A307.
- 13. NON-SHRINK 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.

STRUCTURAL STEEL NOTES:

- 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 THE A.I.S.I. "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION. SUPERVISION SHALL BE IN ACCORDANCE WITH 2015 IBC CHAPTER 22, BY A QUALIFIED TESTING AGENCY DESIGNATED BY THE CONSULTANT. THE CONSULTANT SHALL BE FURNISHED WITH A COPY OF ALL INSPECTION REPORTS AND TEST
- 3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:

TYPE OF MEMBER

A.	WIDE FLANGE SHAPE	ASTM A992, Fy 50 KSI
B.	OTHER SHAPE, PLATES AND ROD	ASTM A36, Fy 36 KSI
C.	PIPE COLUMNS	ASTM A53, Fy 35 KSI
D.	STRUCTURAL TUBING	ASTM A500, Fy 46 KSI
E.	ANCHOR BOLTS	ASTM A307
F.	CONNECTION BOLTS	ASTM A325

- 4. ALL MATERIAL TO BE HOT DIPPED GALVANIZED AFTER FABRICATION PER A123/A123M-13.
- 5. ALL WELDING SHALL BE IN CONFORMANCE WITH A.I.S.I. AND AWS STANDARDS AND SHALL BE PERFORMED BY W.A.B.O. 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.
- 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."
- BOLTED CONNECTIONS SHALL USE BEARING TYPE ASTM A325 BOLTS (3/4" DIA.) AND SHALL HAVE A MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
- 8. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A307 BOLTS
- 9. ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE DESIGN & 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

TOWER/POLE NOTES:

- VERIFICATION THAT THE PROPOSED TOWER/POLE CAN SUPPORT THE PROPOSED ANTENNA LOADING IS TO BE DONE BY OTHERS.
- 2. PROVIDE SUPPORTS FOR THE ANTENNA COAX CABLES TO THE ELEVATION OF ALL INITIAL AND FUTURE ANTENNAS. ANTENNA COAX CABLES ARE TO BE SUPPORTED AND RESTRAINED AT THE CENTERS SUITABLE TO THE MANUFACTURER'S REQUIREMENTS.

ABBREVIATED ROOFTOP SAFETY PROCEDURES (WHEN APPLICABLE)

(AS PER "ACCIDENT PREVENTION PROGRAM" - BY PERMISSION OF WREN CONSTRUCTION, INC. -03/01/99)

FALL PROTECTION METHODS AND EQUIPMENT ROOF TOP INSTALLATIONS

- FOR WORK BEING PERFORMED WITHIN 25' OF AN UNPROTECTED ROOF EDGE, THE CONSTRUCTION | SPECIAL INSPECTIONS SUPERVISOR SHALL DESIGNATE A TRAINED SAFETY MONITOR TO OBSERVE THE MOVEMENTS AND ACTIVITIES OF THE CONSTRUCTION WORKERS.
- 2. SAFETY MONITOR SHALL WARN CONSTRUCTION WORKERS OF HAZARDS (I.E., BACKING UP TOWARD A ROOF EDGE, ETC.) OR UNSAFE ACTIVITIES. THE SAFETY MONITOR MUST BE ON THE SAME ROOF AND WITHIN VISUAL AND VERBAL DISTANCE OF THE CONSTRUCTION WORKERS.
- 3. CONSTRUCTION INVOLVING WORKERS TO APPROACH WITHIN 6' OR LESS OF AN UNPROTECTED ROOF EDGE. REQUIRES WORKERS TO USE SAFETY LINE.
- 4. SAFETY LINE SHALL BE MINIMUM ½" DIAMETER NYLON, WITH A NOMINAL TENSILE STRENGTH OF
- 5. SAFETY LINE SHALL BE ATTACHED TO A SUBSTANTIAL MEMBER OF THE STRUCTURE.
- 6. SAFETY LINE LENGTH SHALL BE SET ALLOWING CONSTRUCTION WORKER TO REACH EDGE OF ROOF, BUT NOT BEYOND.
- 7. SAFETY BELTS SHALL BE WORN BY ALL CONSTRUCTION WORKERS
- MONTHLY SAFETY INSPECTION AND MAINTENANCE OF THE FALL PROTECTION EQUIPMENT SHALL OCCUR BY THE SAFETY COMMITTEE REPRESENTATIVES, INCLUDING:

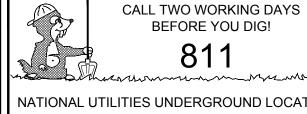
INSPECTION OF CONSTRUCTION AREA FOR HAZARDS USE OF AN INSPECTION CHECKLIST INTERVIEWING COWORKERS REGARDING SAFETY CONCERNS REPORTING AND DOCUMENTING ANY HAZARDS REPORTING HAZARDS TO THE SAFETY COMMITTEE FOR CONSIDERATION POSTING RESULTS OF INSPECTION AND ANY ACTION TAKEN RECEIVING AN UNBIASED REVIEW OF ONE'S OWN WORK AREA BY ANOTHER COWORKER SAFET

REFER TO ROOFTOP WORK AREA SAFETY PROTOCOL NATIONAL ASSOCIATION OF TOWER ERECTORS 2000 PUBLICATION

REPRESENTATIVE

REFERENCED OSHA REGULATION/STANDARDS SHALL BE REVIEWED BY TOWER ERECTORS, EQUIPMENT INSTALLERS, AND TOWER/ROOF TOP CONTRACTORS/SUBCONTRACTORS 29 CFR 1926.500 - SCOPE, APPLICATION, AND DEFINITIONS

> 29 CFR 1926.501 - DUTY TO HAVE FALL PROTECTION 19 CFR 1926.502 - FALL PROTECTION SYSTEMS CRITERIA AND PRACTICES



NATIONAL UTILITIES UNDERGROUND LOCATE SAFETY PRECAUTION SHALL BE IMPLEMENTED BY CONTRACTOR(S) AT AL RENCHING IN ACCORDANCE WITH CURRENT OSHA STANDARDS ELECTRIC - RED SEWER - GREEN GAS/OIL - YELLOW SURVEY - PINK TEL/CATV - ORANGE PROPOSED - WHITE WATER - BLUE

SYMBOLS AND ABBREVIATIONS

A/C AGL APPROX	AIR CONDITIONING ABOVE GRADE LEVEL APPROXIMATELY	MAX MECH MTL MFR	MAXIMUM MECHANICAL METAL MANUFACTURE
BLDG	BUILDING	MGR	MANAGER
BLK	BLOCKING	MIN	MINIMUM
B.O.	BOTTOM OF	MISC	MISCELLANEOUS
B.O.S.	BOTTOM OF STEEL	WIICO	WIIOOEEE WEOOO
D.O.O.	BOTTOM OF GIELE	N/A	NOT APPLICABLE
CLG	CEILING	NIC	NOT IN CONTRACT
CLR	CLEAR	N.S.	NEAR SIDE
CMU	CONCRETE MASONRY UNIT	NTS	NOT TO SCALE
CONC	CONCRETE		1101 10 00/122
CONST	CONSTRUCTION	O.C.	ON CENTER
CONT	CONTINUOUS	O.D.	OUTSIDE DIAMETER
00111	33111113333	O/H	OVERHEAD
DBL	DOUBLE	0,11	0 1 21 11 12 13
DIA/Ø	DIAMETER	PLCS	PLACES
DIAG	DIAGONAL	PLYWD	PLYWOOD
DN	DOWN	PROJ	PROJECT
DET	DETAIL	PROP	
DWG	DRAWING	PSF	POUNDS PER SQUARE FOOT
50	5.4	PSI	POUNDS PER SQUARE INCH
EA	EACH	PT	PRESSURE TREATED
EL	ELEVATION		
ELEC	ELECTRICAL	RAD	RADIUS
EQ	EQUAL	REQ	REQUIRED
EQUIP	EQUIPMENT	RM	ROOM
E.W.	EACH WAY	RO	ROUGH OPENING
EXT	EXTERIOR		
		SCH	SCHEDULE
FIN	FINISH	SHT	SHEET
FLUOR	FLUORESCENT	SIM	SIMILAR
FLR	FLOOR	SPEC	SPECIFICATION
F.S.	FAR SIDE	SF	SQUARE FOOT
FT	FOOT	SS	STAINLESS STEEL
		STL	STEEL
GA	GAUGE	STRUCT	STRUCTURAL
GALV	GALVANIZED	STD	STANDARD
G.C.	GENERAL CONTRACTOR	SQ FT	SQUARE FOOT
GRND	GROUND	SQ IN	SQUARE INCH
GYP BD	GYPSUM WALL BOARD	SUSP	SUSPENDED
LIOD7	LIODIZONITAL	THE	THOK
HORZ	HORIZONTAL	THK THRU	THICK THROUGH
HR HT	HOUR HEIGHT	TNNG	TINNED
HVAC	HEATING VENTILATION	T.O.	TOP OF
HVAC		T.O.S.	TOP OF TOP OF STEEL
	AIR CONDITIONING	TYP	TYPICAL
I.D.	INSIDE DIAMETER	111	TITIOAL
IN	INCH	UNO	UNLESS NOTED OTHERWISE
INFO	INFORMATION	0.10	C.LEGO NOTED OTTLERWIGE
INSUL	INSULATION	VERT	VERTICAL
INT	INTERIOR	V.I.F.	VERIFY IN FIELD
IBC	INTERNATIONAL BUILDING CODE		· ··· · · · · · · · · · · · · · · · ·
		W/	WITH
LBS	POUNDS	W/O	WITHOUT
		WP	WATER PROOF

}	PLATE	$\hspace{1cm} \hspace{1cm} \hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}\hspace{1cm}$	CHAIN-LINK FENCE
-	CENTERI INF	_ XOXO	CHAIN-LINK FENCE W/ BARB WIRE
2	OLIVILINE		WOOD FENCE
Ξ)	EXISTING	— т — т —	TELEPHONE
	DETAIL NUMBER	—— Р —— Р ——	POWER
-#			GROUND WIRE
" /	SHEET NUMBER	CDAX	COAXIAL CABLE

SPECIAL INSPECTIONS IN ACCORDANCE WITH 2015 IBC SECTION 1704.

SOILS/GEOTECHNICAL:

☐ SHORING INSTALLATION AND MONITORING ☐ OBSERVE AND MONITOR EXCAVATION □VERIFY SOIL BEARING psf BEARING □SUBSURFACE DRAINAGE PLACEMENT □ VERIFY FILL MATERIAL AND COMPACTION □ VERIFY CONDITIONS AS ANTICIPATED □PILE PLACEMENT (AUGER CAST/DRIVEN PILE) □OTHER

REINFORCED CONCRETE:

□OTHER

□REINFORCING STEEL AND CONCRETE PLACEMENT □PRESTRESSED/PRECAST CONCRETE FABRICATION AND ERECTION □BATCH PLANT INSPECTION □SHOTCRETE □GROUTING

STRUCTURAL STEEL: ☐FABRICATION AND SHOP WELDS □ERECTION AND FIELD WELDS AND BOLTING □OTHER

STRUCTURAL ALUMINUM

☐FABRICATION AND SHOP WELDS □ ERECTION AND FIELD WELDS AND BOLTING □OTHER

STRUCTURAL MASONRY □ CONTINUOUS **□PERIODIC** \sqcap OTHER

OTHER:

ANCHORING TO CONCRETE:

☐BOLTS INSTALLED IN CONCRETE □POST-INSTALLATION ADHESIVE ANCHORS **▼POST-INSTALLATION MECHANICAL ANCHORS**

=PLANS PREPARED BY: =



16928 WOODINVILLE-REDMOND RD NE, SUITE 210 WOODINVILLE, WA 98072 PHONE: 425.487.1732 WWW.CORNERSTONE-ENGR.COM

PROJECT INFO:

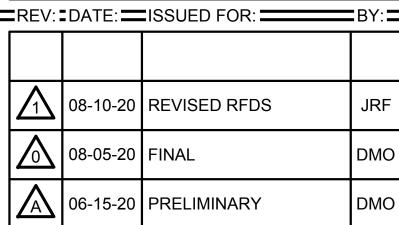
SE03314B

TOTEM LOCKE

12504 116TH AVENUE NE KIRKLAND, WA 98034 KING COUNTY

ISSUED FOR:

CONSTRUCTION



=DRAWN BY: === CHK.: ==

MWO CURRENT ISSUE DATE:

MWO

08-10-20

LICENSURE:

JURISDICTIONAL APPROVAL:

CITY OF KIRKLAND REVIEWED BY TCHAN 10/26/2020

PROPRIETARY INFORMATION:

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DRAWING TITLE:

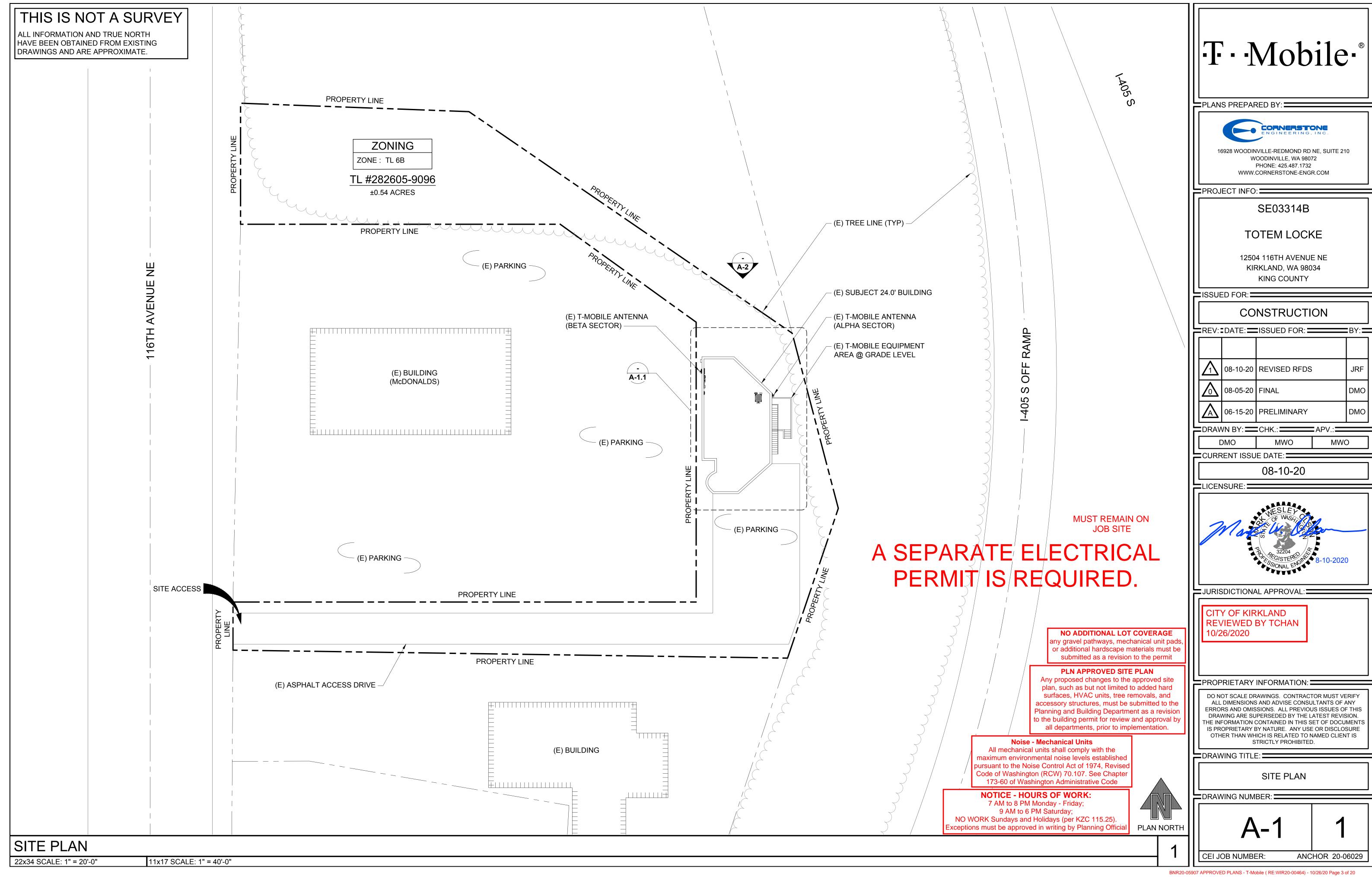
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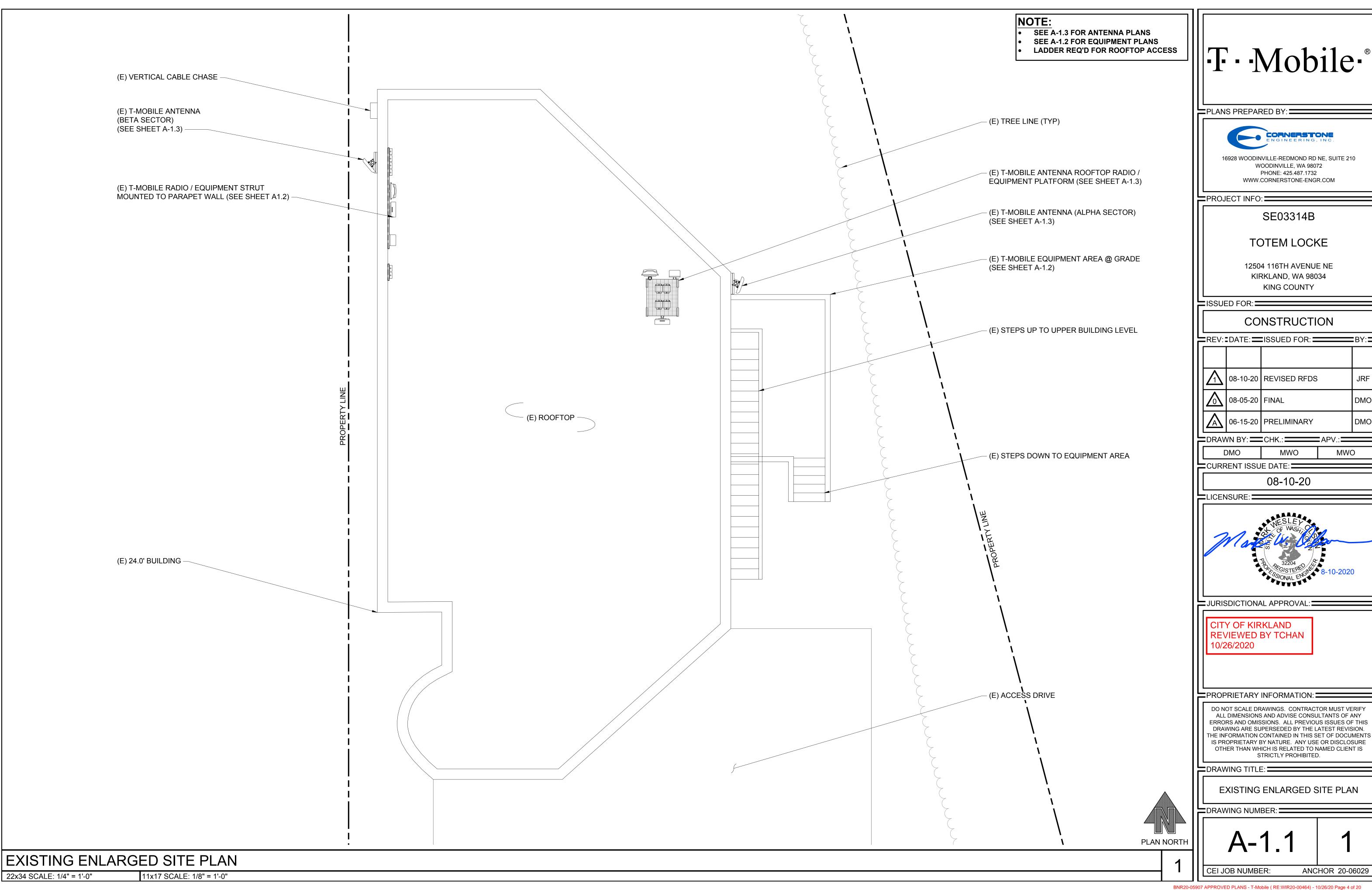
CEI JOB NUMBER:

GENERAL NOTES

ANCHOR 20-06029

BNR20-05907 APPROVED PLANS - T-Mobile (RE:WIR20-00464) - 10/26/20 Page 2 of 20

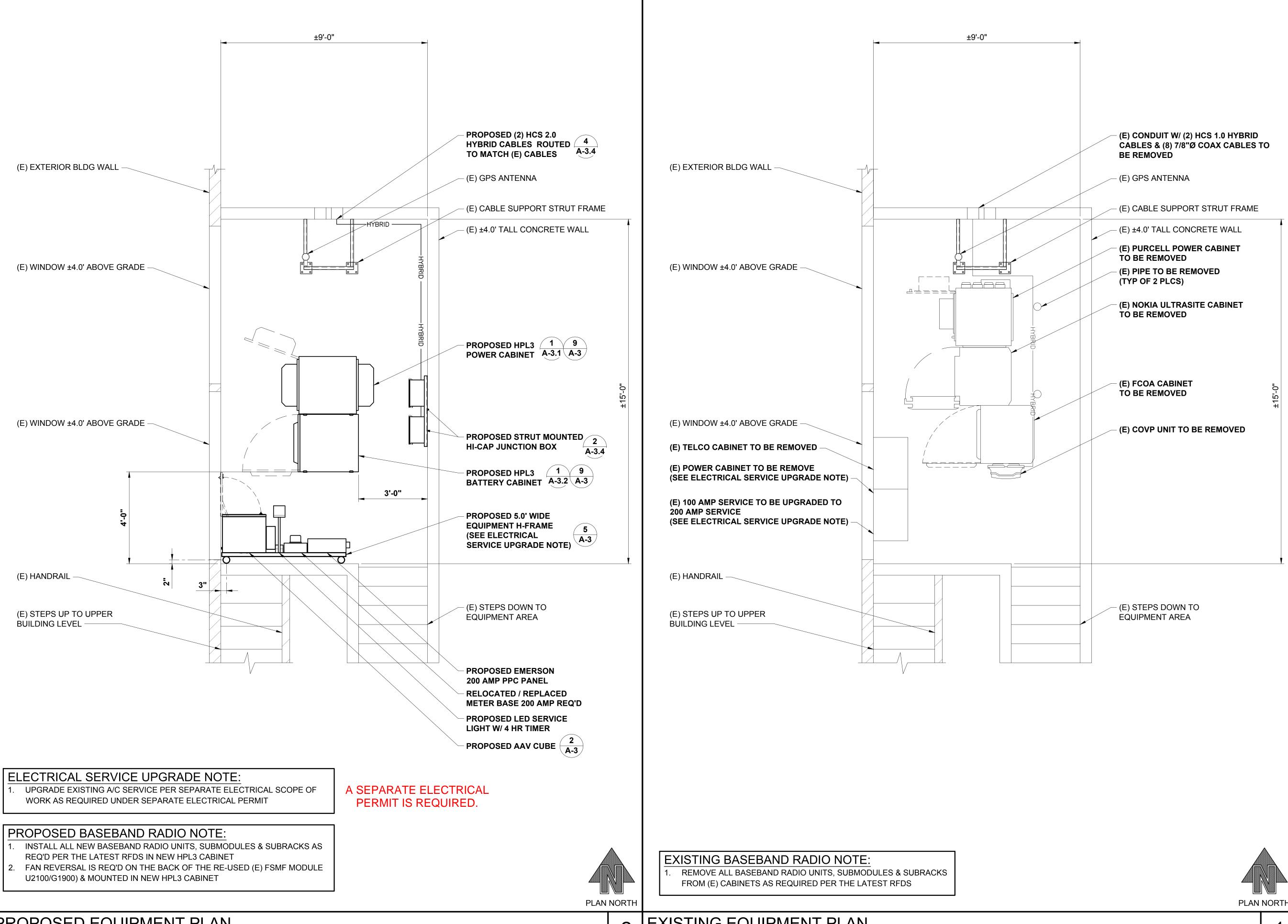




BNR20-05907 APPROVED PLANS - T-Mobile (RE:WIR20-00464) - 10/26/20 Page 4 of 20

JRF

MWO



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TOTEM LOCKE

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ISSUED FOR:

CONSTRUCTION

=REV: DATE: =ISSUED FOR: = 08-10-20 REVISED RFDS JRF 08-05-20 FINAL DMO 06-15-20 PRELIMINARY DMO

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DRAWING TITLE:

EXISTING & PROPOSED EQUIPMENT PLANS

TDRAWING NUMBER:

CEI JOB NUMBER:

A-1.2

ANCHOR 20-06029

PROPOSED EQUIPMENT PLAN

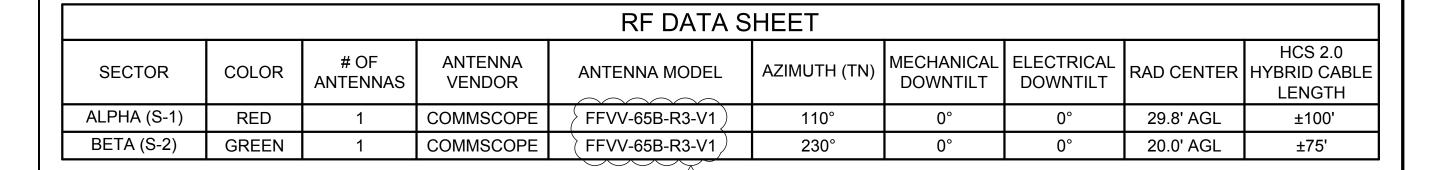
11x17 SCALE: 1/4" = 1'-0"

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

EXISTING EQUIPMENT PLAN

22x34 SCALE: 1/2" = 1'-0" 11x17 SCALE: 1/4" = 1'-0"

BNR20-05907 APPROVED PLANS - T-Mobile (RE:WIR20-00464) - 10/26/20 Page 5 of 20



RADIOS @ ANTENNAS			
RADIO	# OF RADIOS	TECHNOLOGY	LOCATION
AHOLA	(2)	L700/L600/N600	NEAR ANTENNAS
AHFIG	(2)	U21/L21/L19/G9	NEAR ANTENNAS
AEHC	(1)	2.5 GHz	29.8' LEVEL
AEHC	(1)	2.5 GHz	25.5' LEVEL

MODULES / RADIOS @ EQUIPMENT						
MODULE # OF MODULES TECHNOLOGY LOCATION						
BASEBAND	ALL	PER RFDS	HPL3 CABINET			
(E) FSMF	(1)	U2100/G1900	HPL3 CABINET			

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Ш			

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PROJECT INFO:

IISSUED FOR:

9

- (E) HCS 1.0 HYBRID

REMOVED (TYP OF 2)

(E) FHFB RRU TO BE

(E) ANTENNA MOUNT

TO BE REMOVED

(E) DIPLEXER TO

(TYP OF 2 PLCS)

(E) HEX ANTENNA TO BE REPLACED

"ALPHA"

PLAN NORTH

BE REMOVED

CABLE TO BE

REMOVED

SE03314B

TOTEM LOCKE

12504 116TH AVENUE NE KIRKLAND, WA 98034 KING COUNTY

CONSTRUCTION

=REV::DATE:=ISSUED FOR:= 08-10-20 REVISED RFDS JRF 08-05-20 FINAL 06-15-20 PRELIMINARY

=DRAWN BY: === CHK.: = MWO MWO DMO

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CITY OF KIRKLAND REVIEWED BY TCHAN 10/26/2020

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DRAWING TITLE:

ANTENNA PLANS & SCHEDULES

DRAWING NUMBER:

CEI JOB NUMBER: ANCHOR 20-06029

	MISC. EQUIPMENT					
MODULE # OF MODULES TECHNOLOGY LOCATION						
CSR IXRe	(1)	-	POWER CABINET			
RECTIFIER	AS REQ'D	1	POWER CABINET			
BREAKERS	AS REQ'D	1	POWER CABINET			
PENDANT	(2)	HCS 2.0	NEAR ANTENNAS			
JUNCTION BOX	JUNCTION BOX (2) HCS 2.0 GROUND EQUIP.					

RADIOS & SYSTEM MODULES SCHEDULE

11x17 SCALE: NTS

(E) STRUT MOUNTED

(E) STRUT MOUNTED

RRU TO BE REMOVED

RRU TO BE REMOVED

COVP UNIT TO BE REMOVED

(E) STRUT MOUNTED FRIG

(E) STRUT MOUNTED FHFB

(E) COVP UNIT TO BE REMOVED -

PLATFORM TO BE REMOVED -

REMOVED (TYP OF 4 PLCS) -

(E) FRIG RRU TO BE REMOVED

(E) DIPLEXER BELOW

PLATFORM TO BE

(E) EQUIPMENT

DIPLEXER TO BE REMOVED

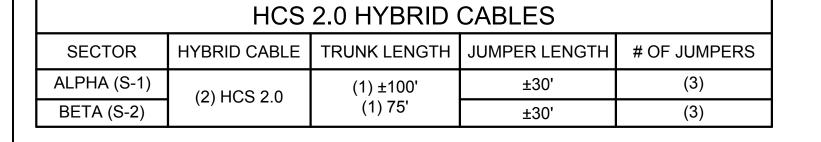
REMOVED (TYP OF 6 PLCS)

22x34 SCALE: NTS

"BETA"

(E) HEX ANTENNA

TO BE REPLACED



11x17 SCALE: NTS

RFDS		
SITE NUMBER	SE03314B	
SITE NAME	TOTEM LOCKE	
PROJECT TYPE	ANCHOR	
RFDS VERSION	5.0 - 8/07/2020 - 8:59:45 AM	1 \



"BETA"

NOTE: MIN 3" CLR FACE TO FACE IN LINE SPACING OF ANTENNAS TO LIMIT SHADOWING

- PROPOSED 5

AEHC RRU A-3.4

REPLACEMENT (1

OCTO ANTENNA A-3

PLAN NORTH

PROPOSED (2) HCS 2.0 HYBRID CABLE 4 **ROUTED TO MATCH (E) CABLES** A-3.4

2'-0"

"ALPHA"

PROPOSED STRUT MOUNTED HCS 2.0 PENDANT A-3.4 PROPOSED STRUT MOUNTED AHLOA RRU A-3

REPLACEMENT OCTO ANTENNA, BELOW

MOUNTED ON NEW PIPE MOUNT 1

MOUNTED ON NEW PIPE MOUNT 5

(PER STRUCTURAL DESIGN)

(PER STRUCTURAL DESIGN)

PROPOSED AEHC RRU, ABOVE

PROPOSED STRUT MOUNTED AHFIG RRU A-3 PROPOSED HCS 2.0 PENDANT A-3.4

PROPOSED AHLOA RRU, BELOW

PROPOSED ACCESS DOOR

PROPOSED AHFIG

RRU, ABOVE PROPOSED 6'x6'x10' TALL FRP **ANTENNA / EQUIPMENT ENCLOSURE** (PER STRUCTURAL DESIGN)

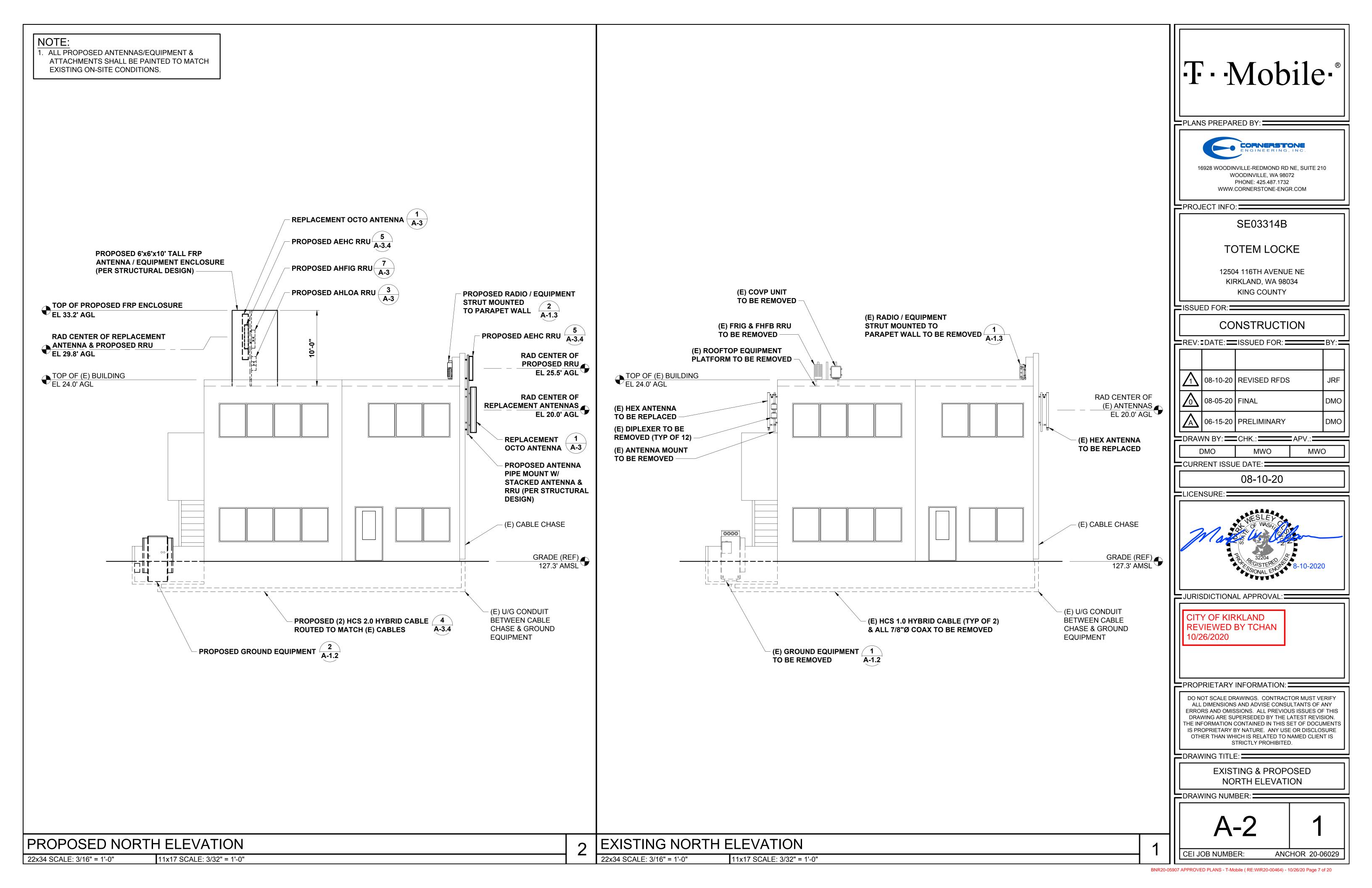
PROPOSED ANTENNA PLAN

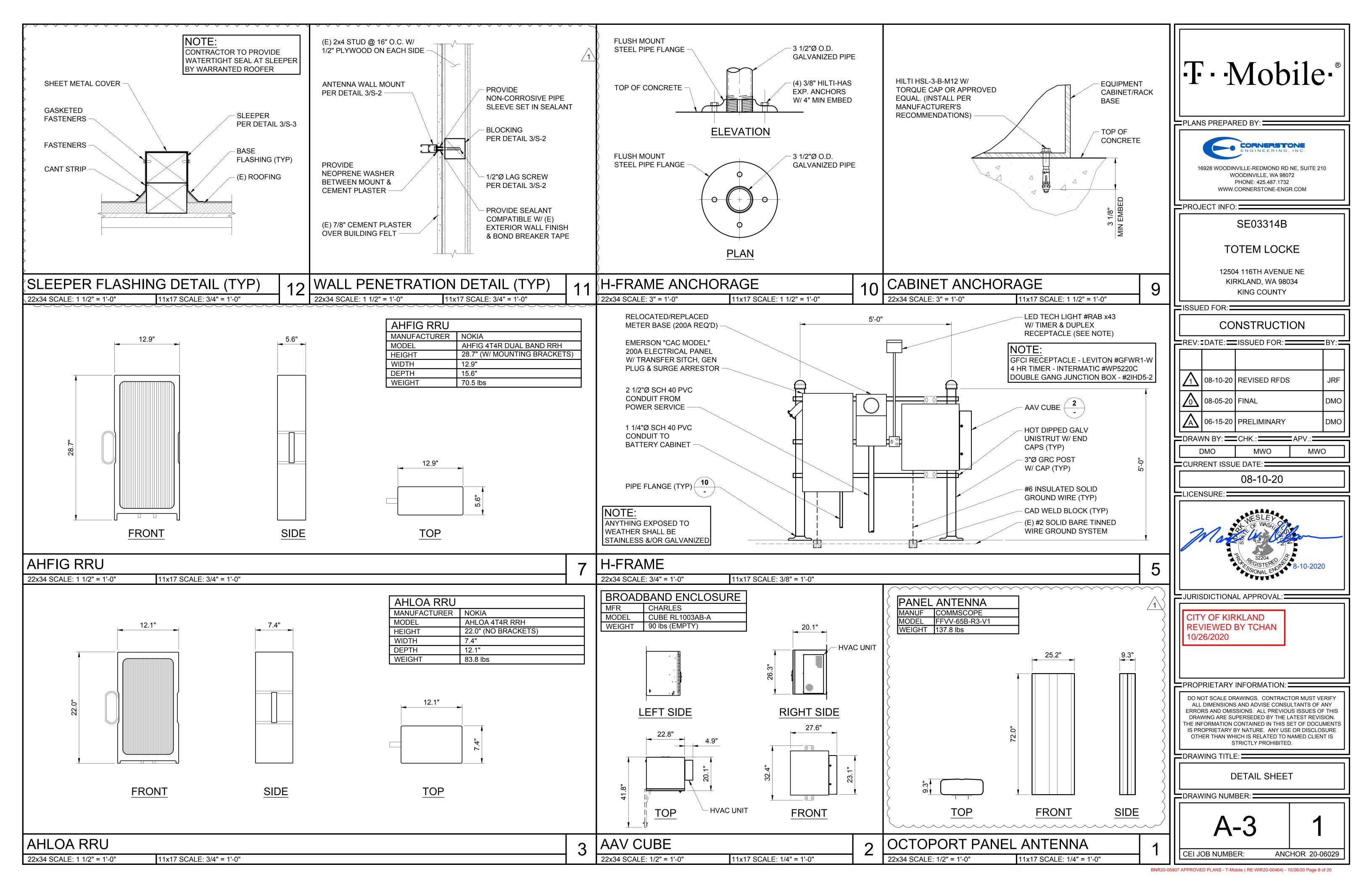
EXISTING ANTENNA PLAN 11x17 SCALE: 1/8" = 1'-0"

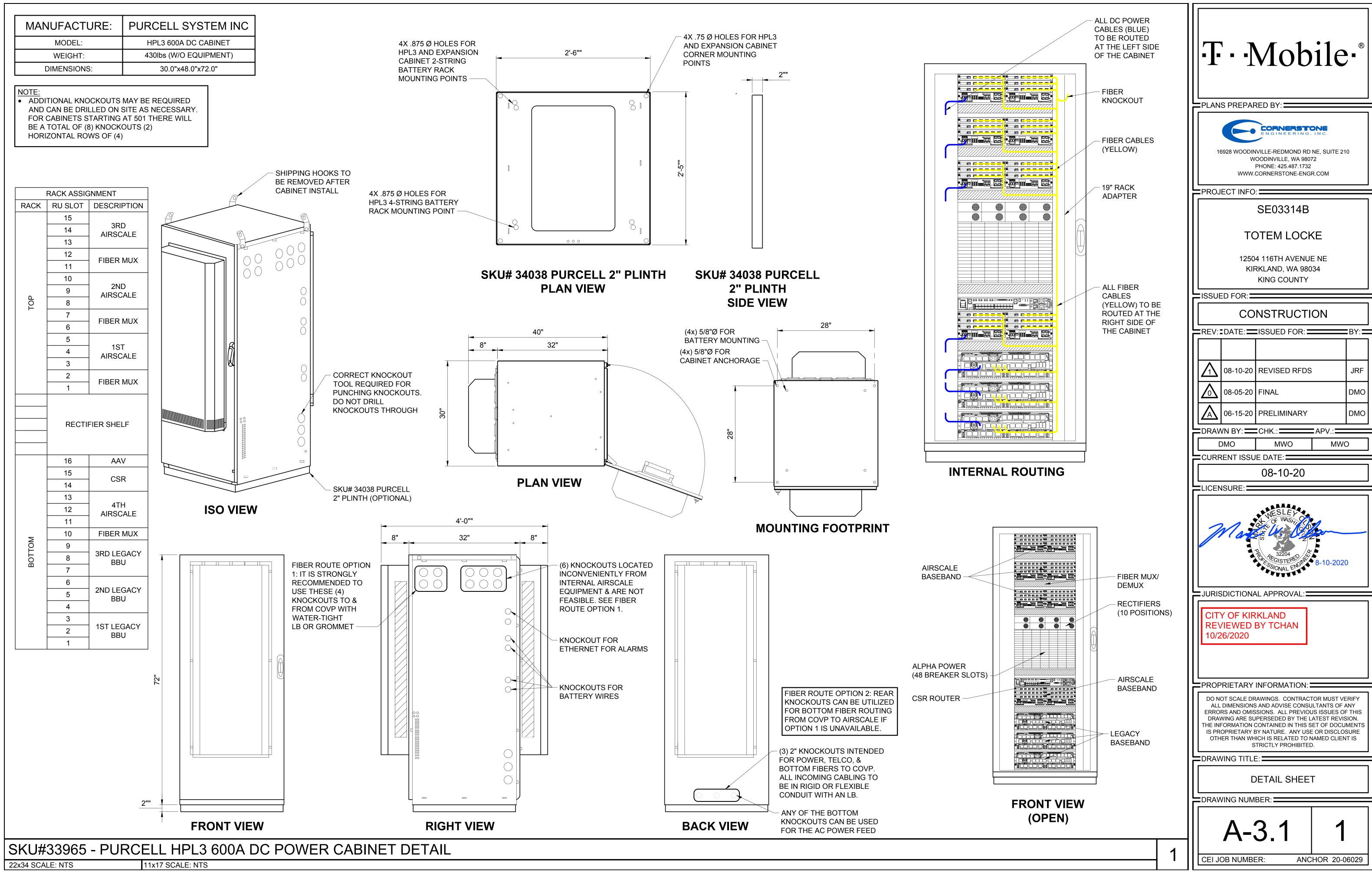
BNR20-05907 APPROVED PLANS - T-Mobile (RE:WIR20-00464) - 10/26/20 Page 6 of 20

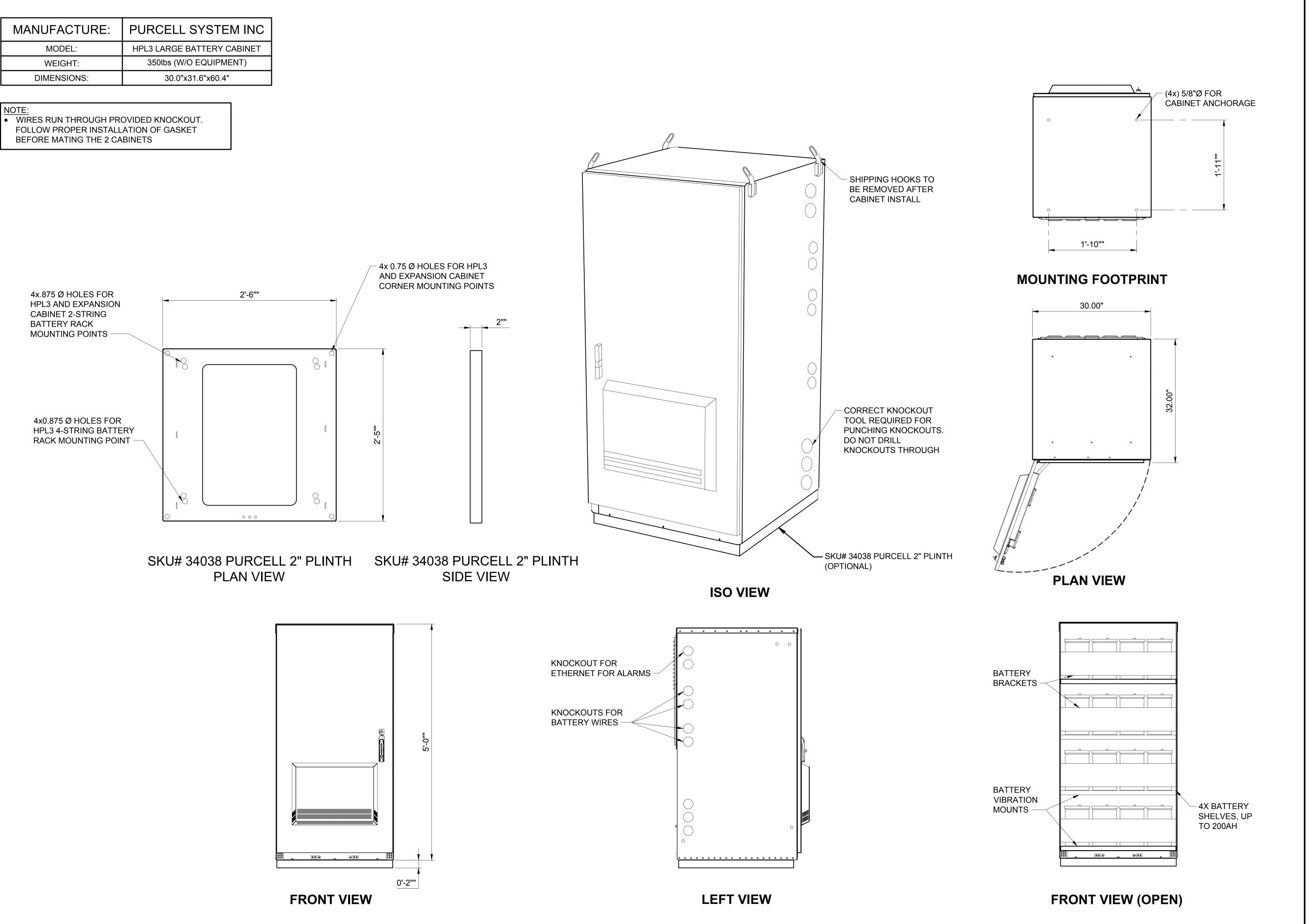
22x34 SCALE: 1/4" = 1'-0" 11x17 SCALE: 1/8" = 1'-0"

22x34 SCALE: 1/4" = 1'-0"









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PROJECT INFO:

SE03314B

TOTEM LOCKE

12504 116TH AVENUE NE KIRKLAND, WA 98034 KING COUNTY

ISSUED FOR:

CONSTRUCTION

Ľ	REV: DATE: ISSUED FOR: BY:				
	Δ	08-10-20	REVISED RFDS	JRF	
	\triangle	08-05-20	FINAL	DMO	
	A	06-15-20	PRELIMINARY	DMO	

DRAWN BY: CHK.:

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CITY OF KIRKLAND REVIEWED BY TCHAN

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BDRAWING TITLE:

DETAIL SHEET

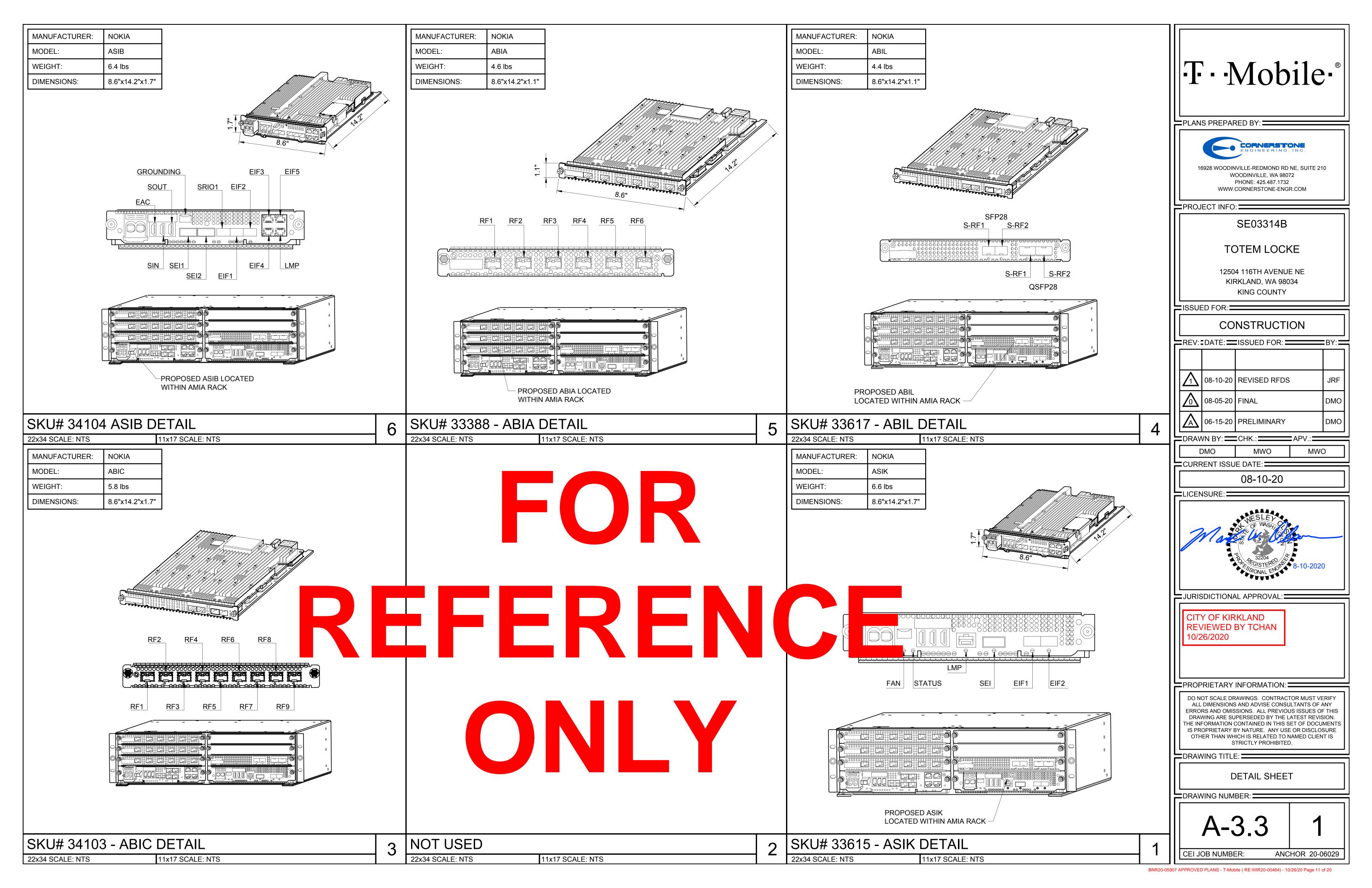
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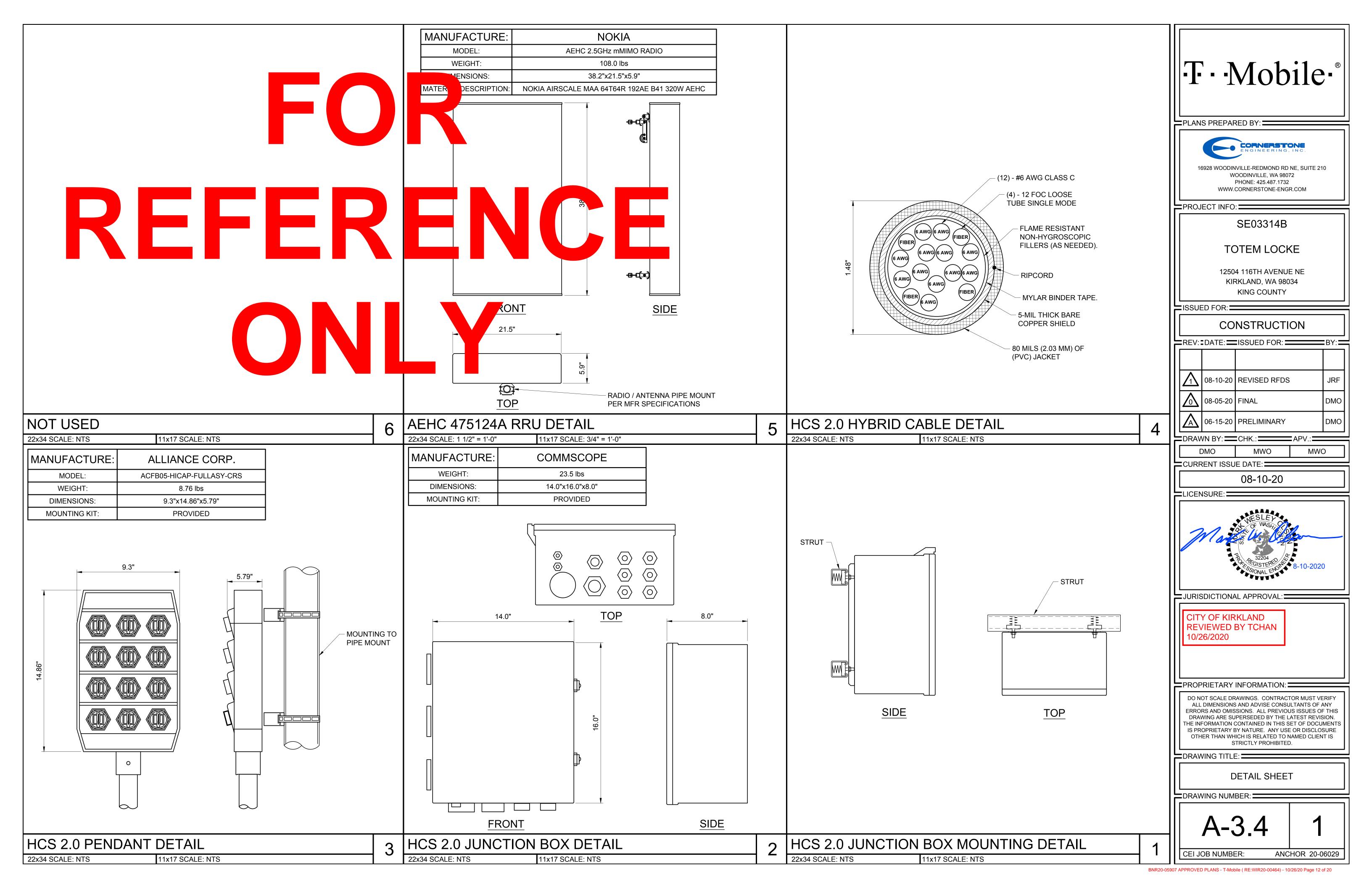
A - 3.2

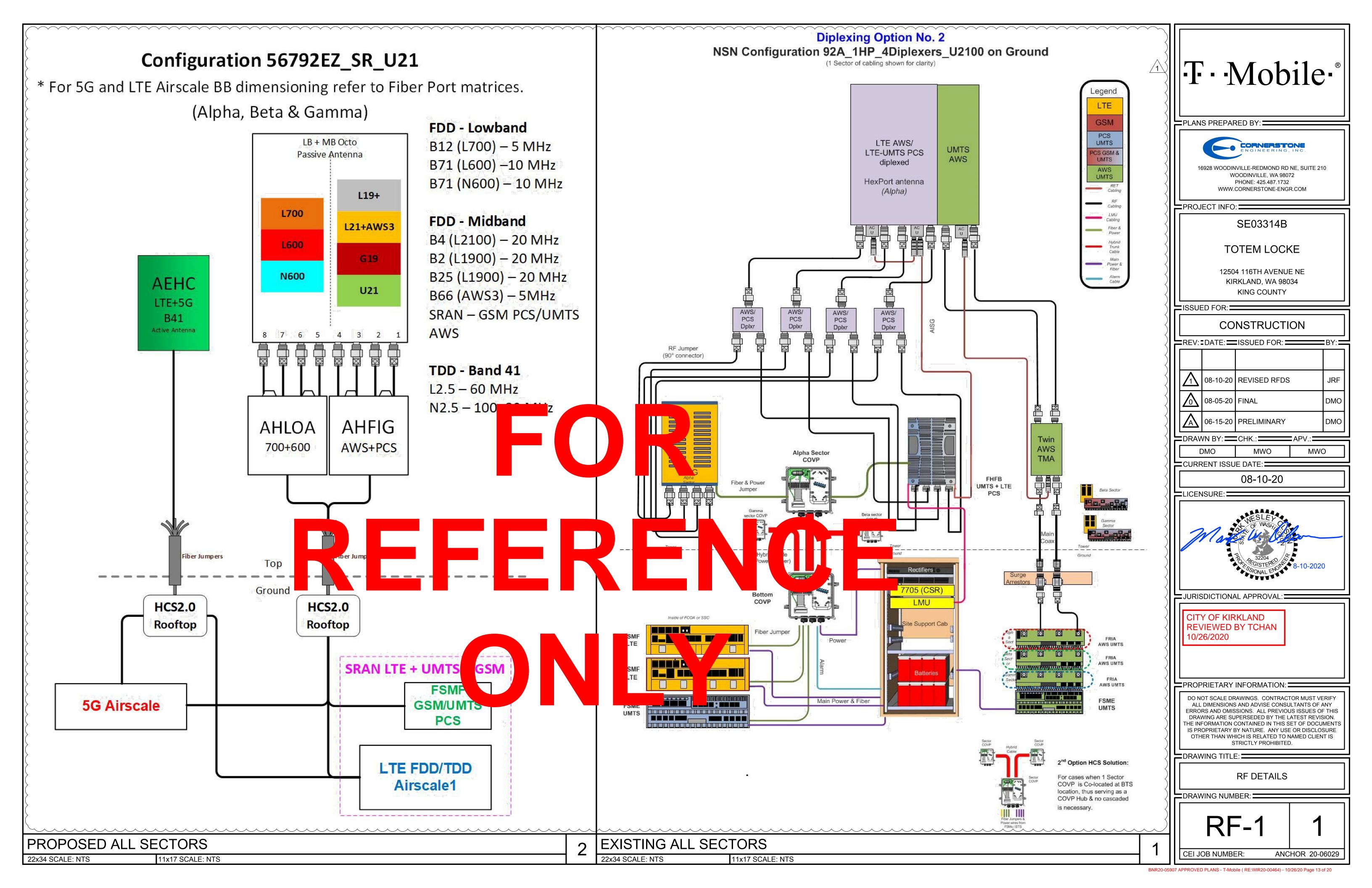
CEI JOB NUMBER: ANCHOR 20-06029

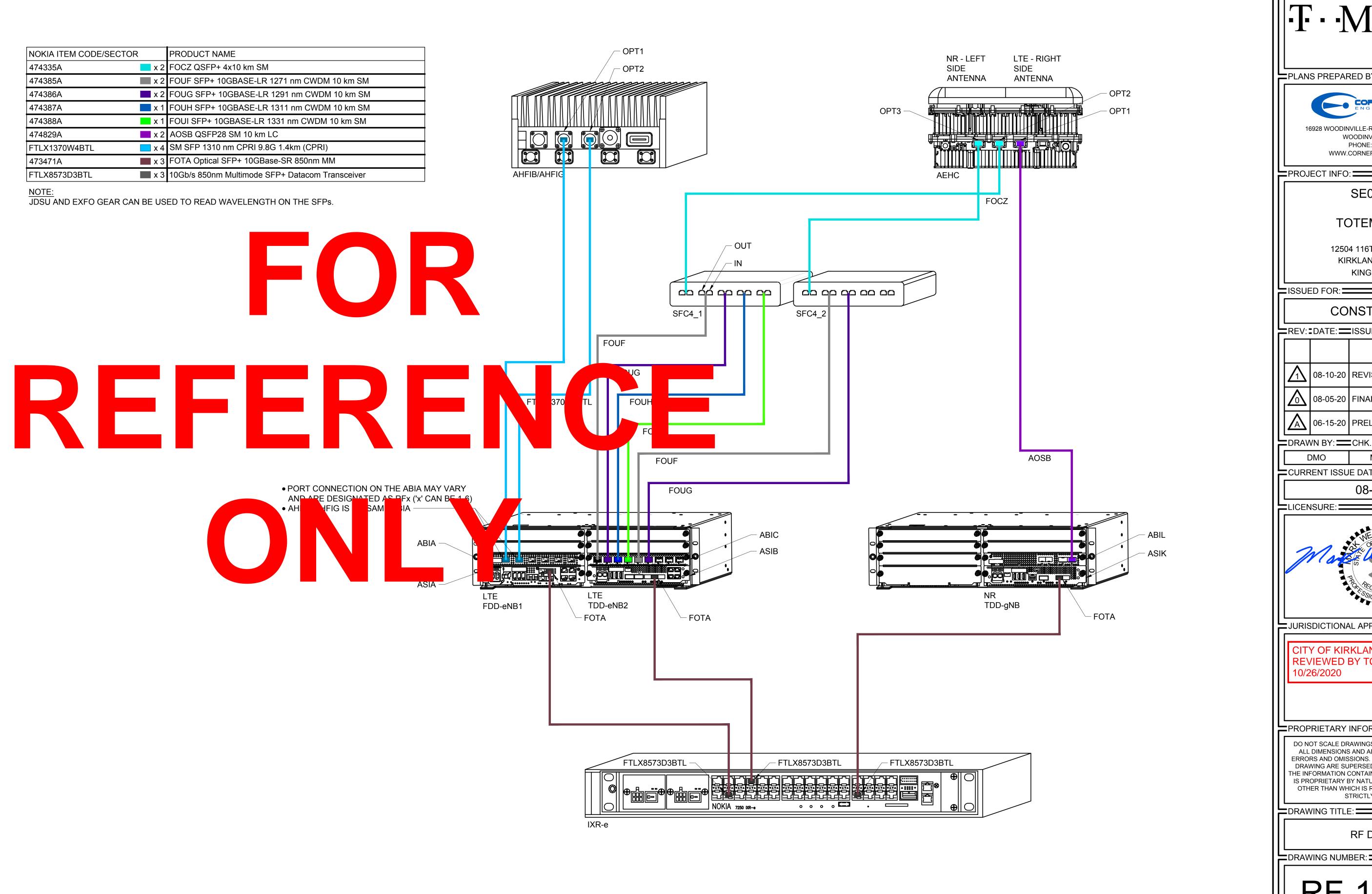
SKU#33966 - PURCELL HPL3 LARGE BATTERY CABINET DETAIL

22x34 SCALE: NTS 11x17 SCALE: NTS









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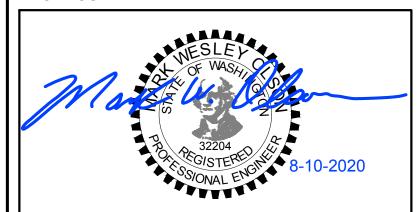
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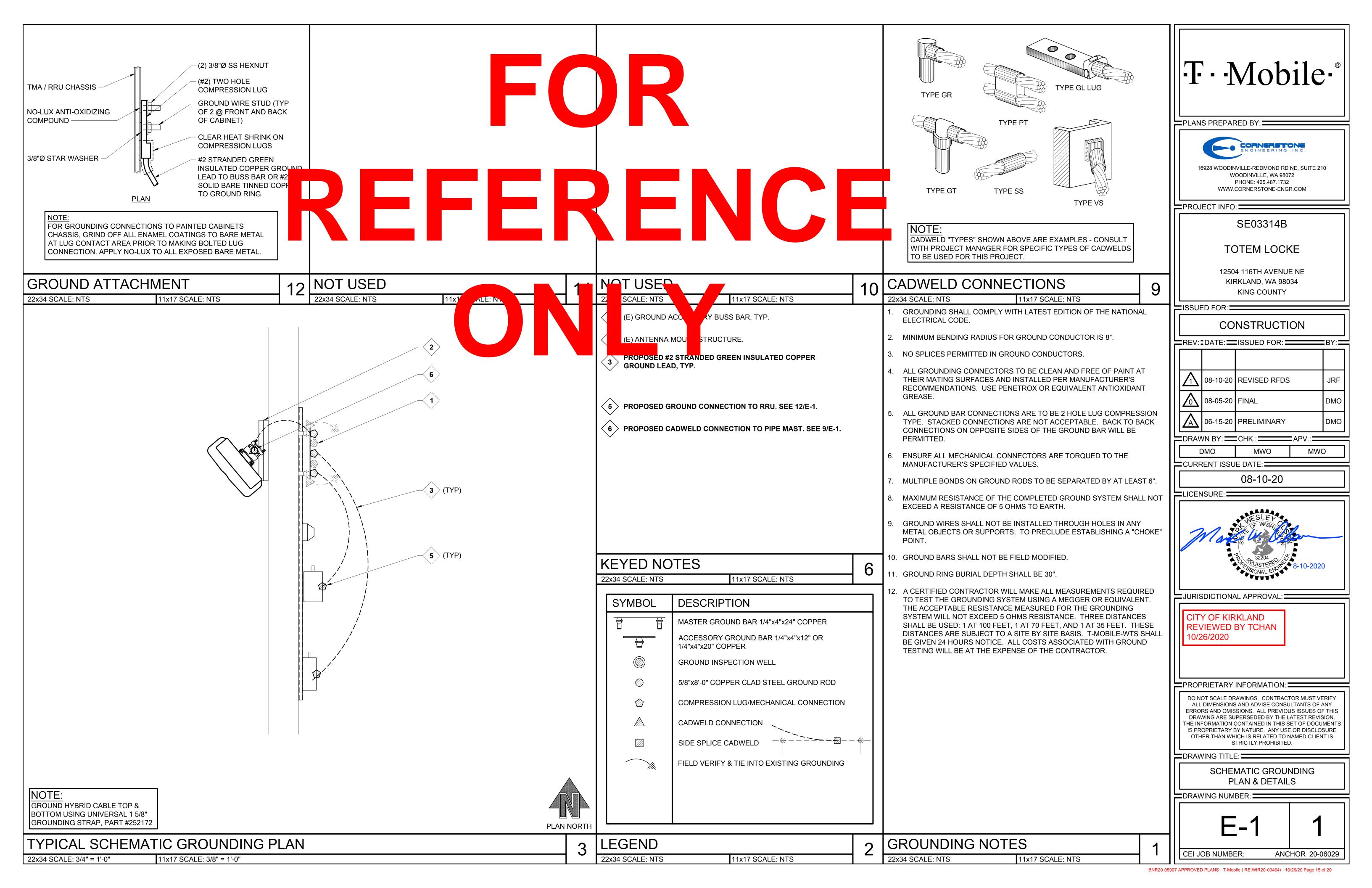
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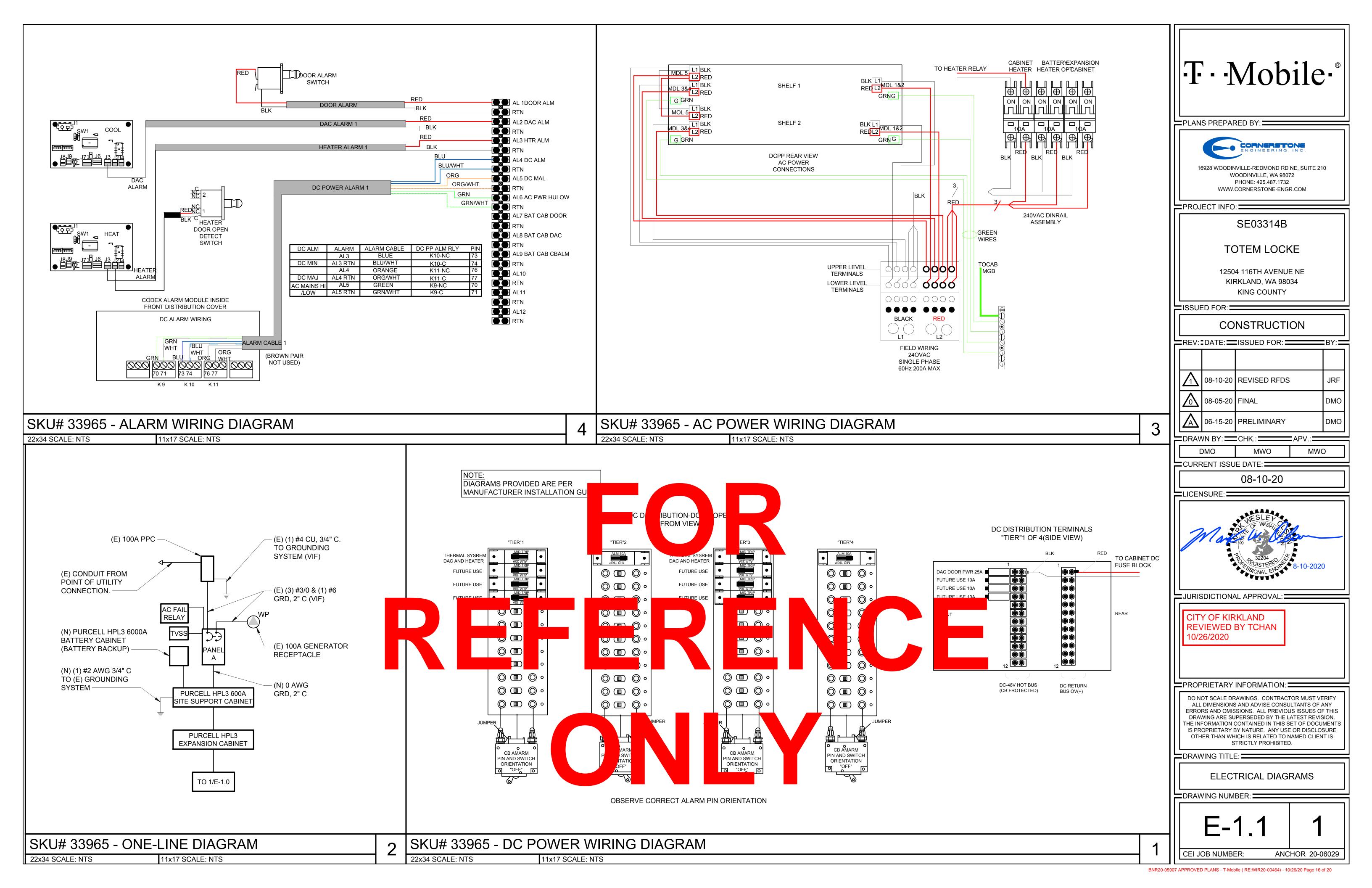
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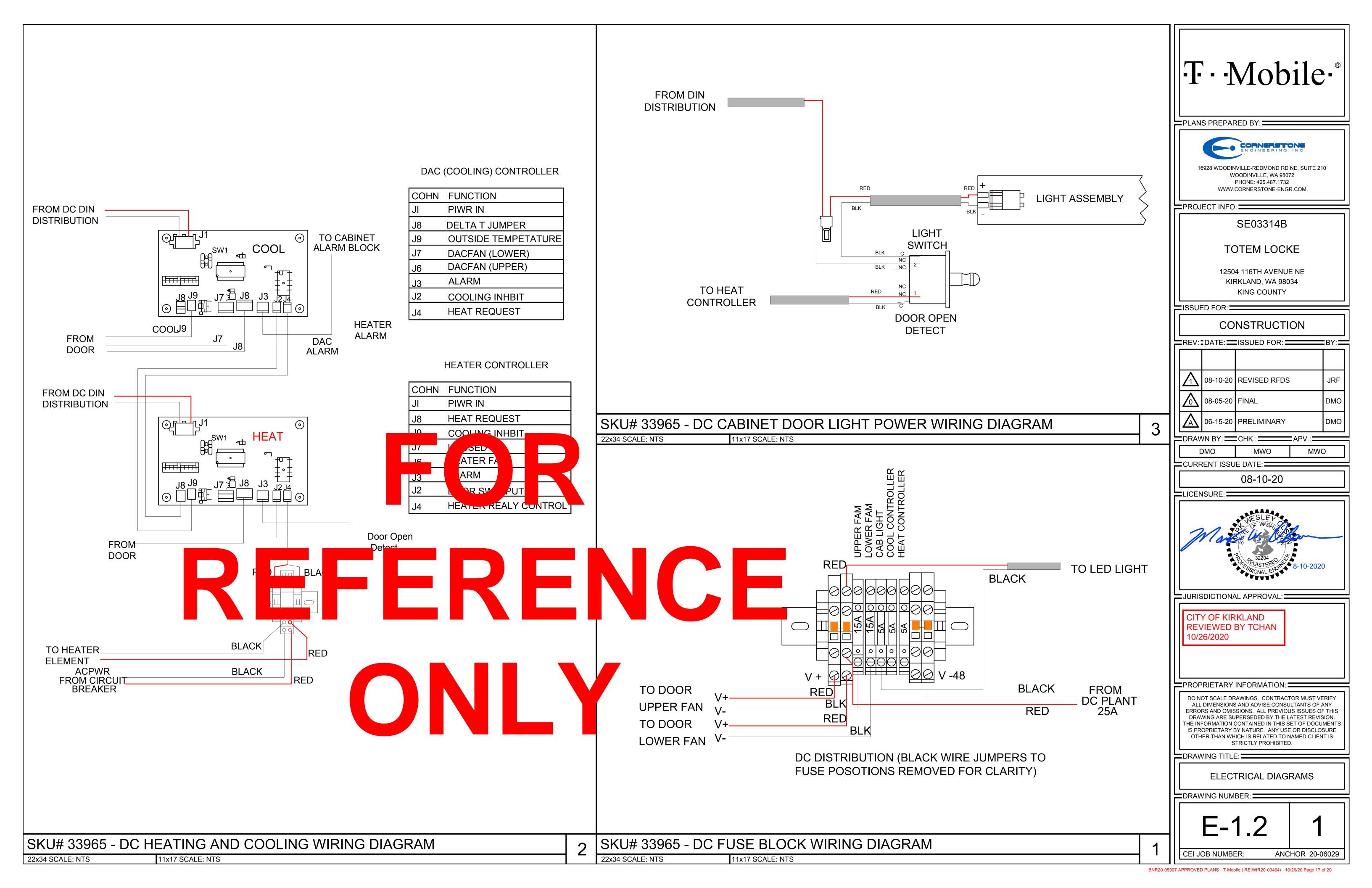
RF DETAILS

RF-1.1

CEI JOB NUMBER: ANCHOR 20-06029







STRUCTURAL NOTES

(THESE NOTES ARE TYPICAL UNLESS NOTED OR DETAILED OTHERWISE ON DRAWINGS)

ALL MATERIALS, WORKMANSHIP, DESIGN, AND CONSTRUCTION SHALL CONFORM TO THE DRAWINGS, SPECIFICATIONS, AND THE INTERNATIONAL BUILDING CODE (IBC), 2015 EDITION. SPECIFICATIONS AND STANDARDS WHERE REFERENCED ON THE DRAWINGS ARE TO BE THE LATEST EDITION.

DESIGN LOADS

DEAD LOADS:

ROOF 15 PSF

LIVE LOADS: ROOF (SNOW LOAD) 25 PSF

(LIVE LOADS ARE REDUCED WHERE PERMISSIBLE PER IBC SECTION 1607.10).

EARTHQUAKE LOADS:

EQUIVALENT LATERAL FORCE PROCEDURE PER ASCE 7-10 SECTION 12.8.

SITE CLASS (ASSUMED)	D
SHORT PERIOD SPECTRAL RESPONSE ACCEL (S _S)	1.253
ONE SECOND SPECTRAL RESPONSE ACCEL (S _I)	0.483
SHORT PERIOD DESIGN SPECTRAL RESPONSE ACCEL (SDS)	0.835
ONE SECOND DESIGN SPECTRAL RESPONSE ACCEL (SDI)	0.488
RISK CATEGORY	II
SEISMIC IMPORTANCE FACTOR (I _E)	1.0
SEISMIC DESIGN CATEGORY	D

BASIC SEISMIC FORCE-RESISTING-SYSTEM **WOOD SHEAR WALLS** RESPONSE MODIFICATION FACTOR, (R) 6.5 REDUNDANCY FACTOR (p) 1.0 SEISMIC RESPONSE COEFFICIENT (C_s) 0.126

W = TOTAL SEISMIC DEAD LOAD AS DEFINED PER ASCE 7-10 SECTION 12.7.2.

BASE SHEAR (V), $V = C_S W = \frac{3DS}{R/L} W$

WIND LOADS:

BASIC WIND SPEED (3 SECOND GUST)	110 MPH
EXPOSURE	В
K_{ZT}	1.0

SEE PLANS FOR ADDITIONAL DESIGN LOADS.

DESIGN LOADS

SCREENWALL DEAD LOAD: 2,400 LBS (INCLUDES APPURTENANCES) ANTENNA MOUNTS: 300 LBS (EA) MAX

ROOFTOP SCREENWALL:

WIND LOAD: 110 MPH EXPOSURE B

 $qz \times (GCr) \times Af = 32.6 PSF = 19.6 PSF (ASD) [h<60']$ 17.17 PSF (Kz = 0.65, Kzt = 1.0, Kd = 0.85) qz = GCr = 1.9 [h<60'] RISK CATEGORY

SEISMIC LOAD: SEISMIC DESIGN CATEGORY D, SOIL TYPE Sd

Fp =	$\frac{0.4apSdslp}{Rp}$ [1+2z/h] Wp = 0.333 Wp (ASD)
ap =	1.0 (SCREENWALL)
Rp =	2.5 (SCREENWALL)
Sds =	0.835 (Ss = 1.253 & Fa = 1.0 BASED ON LAT/LONG)
lp =	1.0 (COMM EQUIPMENT)

SHOP DRAWINGS

SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW PRIOR TO FABRICATION:

1. FRP SCREENWALLS

SHOP DRAWINGS SHALL BE REVIEWED, REVISED AS REQUIRED FOR FIELD CONDITIONS, AND DATE STAMPED BY THE CONTRACTOR PRIOR TO REVIEW BY THE ENGINEER. CONTRACTOR SHALL PROVIDE (3) SETS OF SHOP DRAWINGS FOR ENGINEER'S REVIEW. ALLOW TWO WEEKS FOR SHOP DRAWING APPROVAL BY ENGINEER.

ENGINEER'S SHOP DRAWING REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND CONTRACT DOCUMENTS. MARKINGS OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND ACCURACY, FOR CONFORMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, FOR SELECTING FABRICATION PROCESSES, FOR TECHNIQUES OF ASSEMBLY, AND FOR PERFORMING THE WORK IN A SAFE MANNER.

ENGINEER'S SHOP DRAWING REVIEW OF STRUCTURAL COMPONENTS DESIGNED BY OTHERS IS FOR LOADS IMPOSED ON THE BASIC STRUCTURE. THE COMPONENT DESIGNER IS RESPONSIBLE FOR CODE CONFORMANCE AND ALL CONNECTIONS TO THE BASIC STRUCTURE. SHOP DRAWINGS SHALL INDICATE MAGNITUDE AND DIRECTION OF THE LOADS IMPOSED ON THE BASIC STRUCTURE AND SHALL BE STAMPED & SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE SAME STATE AS THE PROJECT.

FABRICATION SHALL BEGIN ONLY AFTER SHOP DRAWINGS BEARING THE STAMP AND SIGNATURE OF THE PROJECT ARCHITECT, ENGINEER OF RECORD, AND CONTRACTOR HAVE BEEN RECEIVED.

DEFERRED APPROVAL ITEMS

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW THEM AND INDICATE THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE **BUILDING OFFICIAL.**

1. FRP SCREENWALLS

STRUCTURAL STEEL

STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", LATEST EDITION.

SHAPES SHALL CONFORM TO ASTM A992, Fy = 50 KSI.

PLATES, ANGLES, AND RODS SHALL CONFORM TO ASTM A36, Fy = 36 KSI.

STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B, Fy = 46 KSI.

STEEL PIPE SHALL CONFORM TO ASTM A53 GRADE B, Fy = 35 KSI.

BOLTS CONNECTING STEEL MEMBERS SHALL CONFORM TO ASTM A325-N. BOLTS SHALL BE 3/4"Ø MINIMUM, UNO ANCHOR BOLTS SHALL CONFORM TO ASTM A307.

CONTRACTOR SHALL PROVIDE CONNECTION ADJUSTMENT TOLERANCES TO SATISFY THE REQUIREMENTS OF AISC MANUAL OF STEEL CONSTRUCTION.

UNLESS SPECIFIED AS STAINLESS STEEL, ALL STEEL MEMBERS, SHAPES, BOLTS, AND ACCESSORIES EXPOSED TO WEATHER SHALL BE HOT DIP GALVANIZED.

ALL GRADES SPECIFIED ARE MINIMUM GRADES REQUIRED. ALL LUMBER SHALL BE IN ACCORDANCE WITH WWPA GRADING RULES, KILN-DRIED TO MC 19 AND OF THE FOLLOWING MINIMUM STANDARDS:

SIZE CLASSIFICATION	SPECIES	GRADE	Fb (PSI)	Fc (PSI)
SLEEPERS	DOUG-FIR	STUD	700	-
LIGHT FRAMING (STUDS)	HEM-FIR	STUD	675	800
2x JOISTS AND PLANKS	HEM-FIR	#2	850	-
PLATES AND BLOCKING	HEM-FIR	#2	850	-
6x AND LARGER BEAMS AND STRINGERS	DOUG-FIR	#2	875	-
4x AND SMALLER BEAMS AND STRINGERS	HEM-FIR	#2	850	-
ALL POSTS AND TIMBERS	DOUG-FIR	#1	1200	1000

REFER TO PLAN NOTES, SCHEDULES, AND DETAILS FOR MORE SPECIFIC LUMBER SIZE AND GRADE

UNLESS NOTED OTHERWISE IN THE PLANS, ALL WOOD AND WOOD-BASED MEMBERS EXPOSED TO WEATHER OR IN CONTACT WITH CONCRETE, MASONRY, OR WITHIN 8" OF SOIL SHALL BE PRESERVATIVE-TREATED BY VACUUM-PRESSURE IMPREGNATION IN ACCORDANCE WITH AWPA STANDARD U1.

NAILS, BOLTS, AND METAL CONNECTORS FOR WOOD

ALL NAILS SHALL CONFORM TO THE STANDARDS SET FORTH BY THE NATIONAL DESIGN STANDARDS (NDS) FOR WOOD CONSTRUCTION, LATEST EDITION. NAILING NOT SPECIFIED SHALL BE PER IBC TABLE 2304.10.1 NAILING SCHEDULE. ALL NAILS CALLED OUT ON PLANS SHALL BE COMMON NAILS UNLESS

NAIL	SHANK Ø	MIN LENGTH
IVAIL	SHAIR &	IVIIIA EEIAGIII
8d COMMON	0.131Ø	2 1/2" SHANK
10d COMMON	0.148Ø	3" SHANK
12d COMMON	0.148Ø	3 1/4" SHANK
16d COMMON	0.162Ø	3 1/2" SHANK

10d BOX NAILS MAY BE SUBSTITUTED FOR 8d COMMON NAILS WITH NO CHANGE IN NAIL SPACING. FRAMING MEMBERS MAY BE NAILED WITH 16d SINKERS (0.148" x 3 1/4"), BUT ONLY 16d COMMON NAILS SHALL BE USED WHERE 16d NAILS ARE INDICATED IN THIS DRAWING SET. ENGINEER MAY APPROVE OTHER NAILS IF NAIL LABELS ARE SUBMITTED TO ENGINEER PRIOR TO START OF CONSTRUCTION.

ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE

HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. LEAD HOLES FOR LAG BOLTS SHALL BE BORED FOR THE SHANK AND THREADED PORTIONS PER NDS 11.1.3. CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY,

CATALOG TO BE THE LATEST EDITION, OR ENGINEER APPROVED EQUAL. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND WITH THE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY THE MANUFACTURER. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE-HALF OF THE NAILS, SCREWS, OR BOLTS IN EACH MEMBER.

INSTALL SOLID BLOCKING AT ALL BEARING POINTS. ALL SHIMS SHALL BE SEASONED, DRIED, AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED.

GALVANIZATION

UNLESS NOTED OTHERWISE, STEEL CONNECTORS IN CONTACT WITH TREATED WOOD SHALL BE GALVANIZED ACCORDING TO THE FOLLOWING TABLE:

GALVANIZATION	UNTREATED WOOD	CCA-C	SBX	ACQ-C ACQ-D	CBA-A CA-B	OTHER BORATE	ACZ A	OTHER PT WOOD
G90	Х	Х	Х					
G185	Х	Х	Х	Х	Х	Х		
HDG	Х	Х	Х	Х	Х	Х		
STT300	Х	Х	Х	Х	Х	Х	Х	Х

G90 = 0.90 OZ. OF ZINC PER SQUARE FOOT OF AREA G185 = 1.85 OZ. OF ZINC PER SQUARE FOOT OF AREA HDG = HOT DIP GALVANIZED

SST300 = TYPE 316L STAINLESS STEEL

FIBER REINFORCED POLYMER (FRP) SHAPES AND FASTENERS

ALL FRP STRUCTURAL SHAPES SHALL BE 1625 SERIES PULTEX STANDARD PROFILES BY CREATIVE PULTRUSIONS, INC OR APPROVED EQUAL.

ALL FRP FLAT PANELS SHALL BE 1500/1525 OR 1625 SERIES PULTEX STANDARD PROFILES BY CREATIVE PULTRUSIONS, INC OR APPROVED EQUAL.

BOLTS AND NUTS SHALL BE SUPERSTUD FIBER REINFORCED POLYMER FASTENER SYSTEM BY CREATIVE PULTRUSIONS, INC OR APPROVED EQUAL.

ALL FRP PRODUCTS EXPOSED TO WEATHER SHALL CONTAIN AN ULTRAVIOLET INHIBITOR.

ALL FIELD CUT, DRILLED EDGES AND HOLES SHALL BE SEALED WITH CATALYZED RESIN AS RECOMMENDED BY MANUFACTURER.

FIBER REINFORCED POLYMER PRODUCTS SHALL BE DESIGNED AND PROVIDED BY HI-TECH COMPOSITE STRUCTURES OR ENGINEER-APPROVED EQUIVALENT MANUFACTURER. SHOP DRAWINGS ARE REQUIRED PER THE STRUCTURAL NOTES AND SHALL BE DESIGNED AND STAMPED BY THE MANUFACTURER'S PROFESSIONAL ENGINEER LICENSED IN THE SAME STATE AS THE PROJECT. REFER TO THE DESIGN LOADS SECTION OF THE STRUCTURAL NOTES FOR MAXIMUM WEIGHT OF SCREENWALL AS WELL AS LATERAL FORCE REQUIREMENTS.

EXISTING BUILDING

CONTRACTOR SHALL VERIFY ALL DIMENSIONS, MEMBER SIZES AND CONDITIONS OF THE EXISTING BUILDING DEPICTED IN THE DRAWINGS, AND NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES FOR POSSIBLE REDESIGN.

CONTRACTOR RESPONSIBLE FOR COMPLETELY SEALING ALL AREAS WHERE EXISTING ROOF MATERIAL IS PENETRATED OR REMOVED. PROVIDE WATER PROOFING AS REQUIRED BY THE ARCH.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL, CIVIL, ELECTRICAL, AND MECHANICAL DRAWINGS FOR BIDDING AND CONSTRUCTION. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS FOR COMPATIBILITY BEFORE PROCEEDING. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING.

CONTRACTOR TO SEE ARCHITECTURAL, CIVIL, ELECTRICAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF PIPE, VENT, DUCT AND OTHER OPENINGS AND DETAILS NOT SHOWN ON THESE DRAWINGS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTION STABILITY AND TEMPORARY SHORING AS NECESSARY UNTIL PERMANENT SUPPORT AND STIFFENING ARE INSTALLED.

CONTRACTOR-INITIATED CHANGES SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR CONSTRUCTION. CHANGES SHOWN ON SHOP DRAWINGS ONLY WILL NOT SATISFY THIS REQUIREMENT.

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF A SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND THE STRUCTURAL ENGINEER.

LEGEND					
DEFINITION	SYMBOL	DEFINITION	SYMBOL		
DIRECTION OF FRAMING	4	NATIVE SOIL			
EXTENT OF FRAMING	\longleftrightarrow	GRANULAR FILL			
COLUMNS		STRUCTURAL STEEL	91111111		
COLUMN BEARING ON BEAM		RATED SHEATHING			
BEAM CONTINUOUS OVER SUPPORT	COR	SHEAR WALL (SEE SCHEDULE)	SWX		
CONCRETE WALL	5	COLUMN MARK (SEE SCHEDULE)	<u>a</u>		
BEARING STUD WALL	51111115	FOOTING MARK (SEE SCHEDULE)	⟨FX⟩		
NON-BEARING STUD WALL	5	HOLDOWN MARK (SEE SCHEDULE)	◆		
BEARING STUD SHEAR WALL	\$\tamma\\$	HANGER MARK (SEE SCHEDULE)	×		
NON-BEARING STUD SHEAR WALL	\$7777	FLAG NOTE (SEE PLAN NOTES)	X		
CMU WALL		STEEL MOMENT FRAME CONN.	-		

ABBREVIATIONS ABOVE GLUE-LAMINATED BEAM GLB **ANCHOR BOLT** HORIZ HORIZONTAL ΚP **ALTERNATE** KING POST KIPS PER SQUARE INCH ARCH ARCHITECT KSI BELOW **ANGLE BAR DIAMETER** MECH MECHANICAL BLKG BLOCKING MF MOMENT FRAME MTL BEAM METAL **BOTTOM** NS **NEAR SIDE BRNG** BEARING ON CENTER OPP BTWN BETWEEN OPPOSITE COMPLETE JOINT PENETRATION PLATE PLCS CLEAR PLACES CMU CONCRETE MASONRY UNIT POUNDS PER SQUARE INCH PSI COLUMN PSF POUNDS PER SQUARE FOOT CONC P/T CONCRETE POST TENSIONED PRESSURE TREATED CONN CONNECTION CONTINUOUS REINF REINFORCING COORD COORDINATE REQ'D REQUIRED SCHED **DOUBLE SCHEDULE** SIM SIMILAR DETAIL DIAMETER SOG SLAB ON GRADE DIMENSION STD STANDARD STIFF DIRECTION STIFFENER STL EACH STEEL ELEVATION SYMM SYMMETRICAL EACH SIDE SW SHEARWALL TOC EXISTING TOP OF CONCRETE TOS **EXPANSION** TOP OF STEEL TOW FLOOR TOP OF WALL TYP **FOUNDATION** TYPICAL FOOTING UNO UNLESS NOTED OTHERWISE VERT FAR SIDE VERTICAL





PLANS PREPARED BY:



PROJECT INFO:

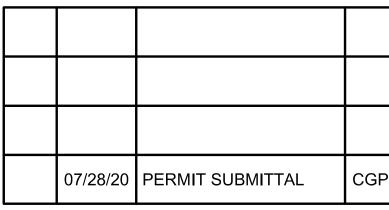
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TOTEM LOCKE

12504 116TH AVENUE NE KIRKLAND, WA 98034 KING COUNTY

ISSUED FOR:

PERMIT SUBMITTAL =REV:=DATE:==ISSUED FOR:



BY:

APV.: \equiv DRAWN BY: \equiv CHK.

CGP DMT JCP **CURRENT ISSUE DATE:**

07/28/2020

LICENSURE:



JURISDICTIONAL APPROVAL:

CITY OF KIRKLAND **REVIEWED BY TCHAN** 10/26/2020

PROPRIETARY INFORMATION:

DO NOT SCALE DRAWINGS. CONTRACTOR MUST VERIFY ALL DIMENSIONS AND ADVISE CONSULTANTS OF ANY ERRORS AND OMISSIONS. ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED BY THE LATEST REVISION. THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN WHICH IS RELATED TO NAMED CLIENT IS STRICTLY PROHIBITED.

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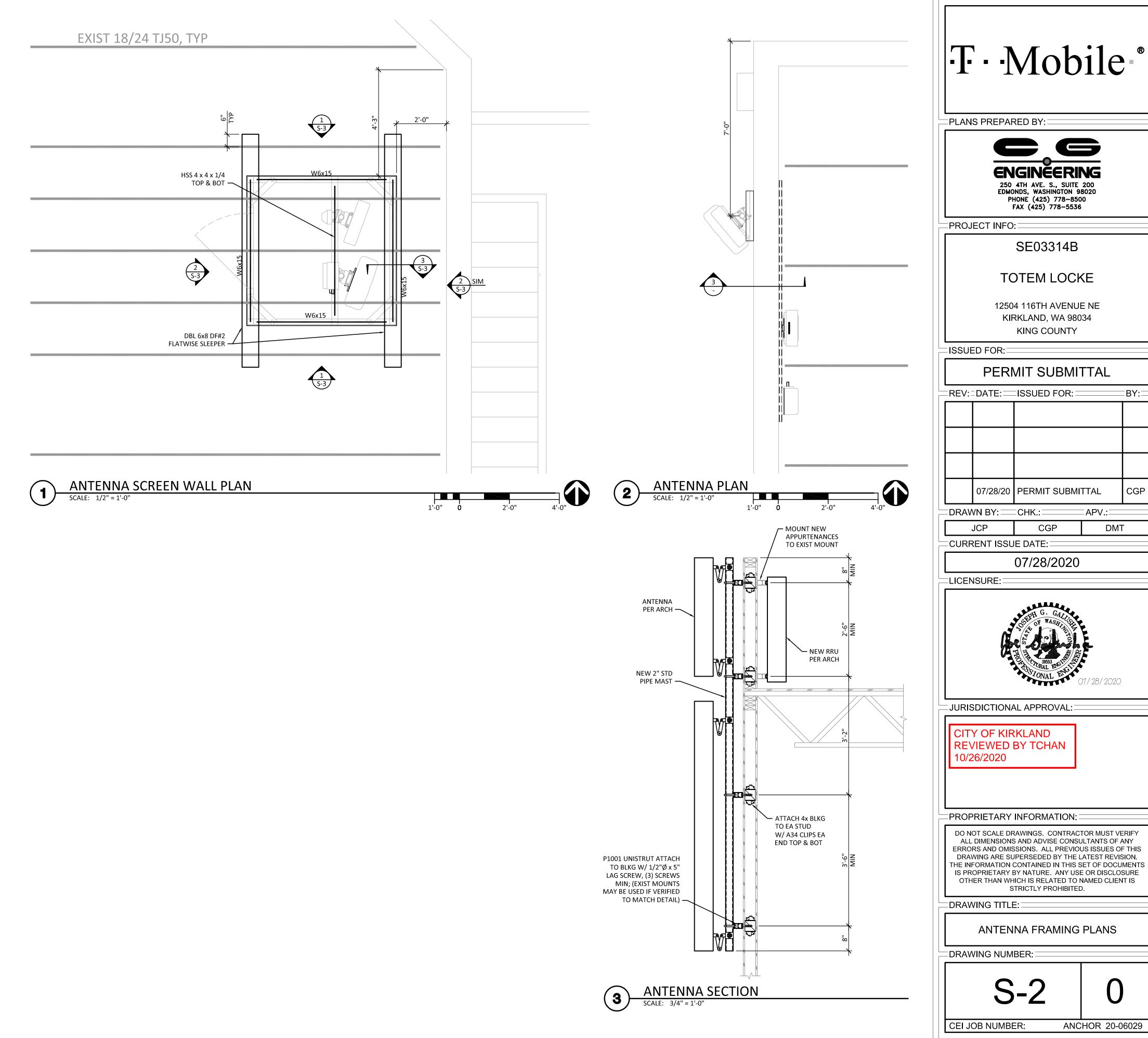
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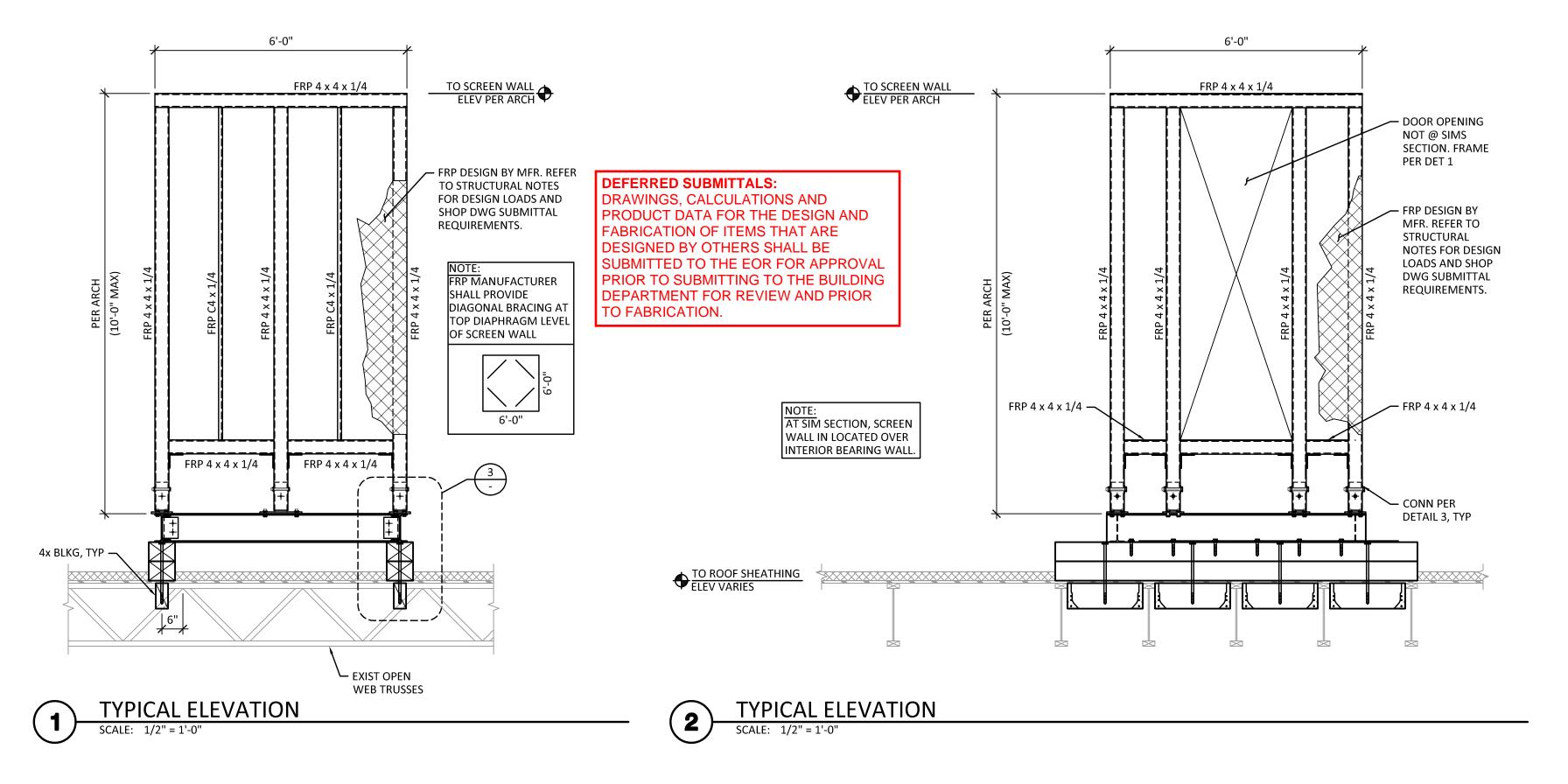
ANCHOR 20-06029

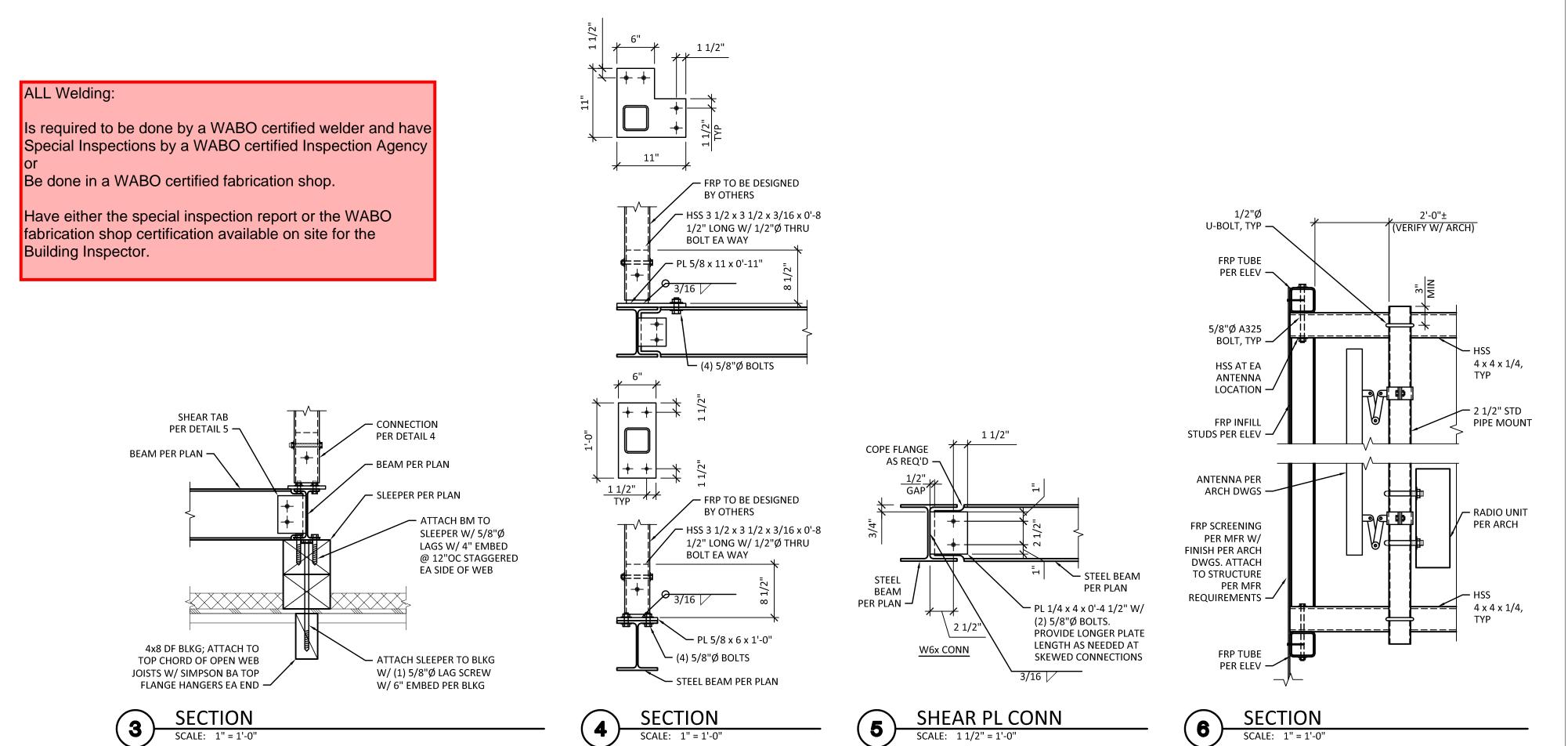
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PLANS PREPARED BY:



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ISSUED FOR:

PERMIT SUBMITTAL

	REV	DATE:	ISSUED FOR:	BY:
		07/28/20	PERMIT SUBMITTAL	CGP

DRAWN BY: CHK.: APV.:

JCP CGP DMT

 \equiv CURRENT ISSUE DATE: \equiv

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CITY OF KIRKLAND REVIEWED BY TCHAN 10/26/2020

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STRUCTURAL DETAILS

DRAWING NUMBER:

CEI JOB NUMBER:

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ANCHOR 20-06029