

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 CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

2018 INTERNATIONAL BUILDING CODE (IBC) WITH LOCAL AMENDMENTS
 2018 INTERNATIONAL FUEL GAS CODE (IFGC)
 2018 INTERNATIONAL RESIDENTIAL CODE (IRC)
 2018 INTERNATIONAL MECHANICAL CODE
 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
 2015 INTERNATIONAL FIRE CODE (IFC)
 2017 NATIONAL ELECTRICAL CODE (NEC).

PROPERTY LEGAL DESCRIPTION:
 SEE SCHEDULE "C" OF TITLE REPORT



JOB ID: WSANM0041570
 WSANM0041419
 WSANM0041644
 WSANM0041447
 WSANM0041645



SITE NUMBER: AZL02187
SITE NAME: FLAGSTAFF ROOFTOP
SITE TYPE: ROOFTOP
ADDRESS: 123 N SAN FRANCISCO ST
 FLAGSTAFF, AZ 86001
PARCEL ID: 10119013



PROJECT TEAM

APPLICANT / LESSEE: AT&T MOBILITY
 1452 EDINGER AVE.
 TUSTIN, CA 92780
 CONTACT: CHRISTIE ASARI-PRICE
 PHONE: (714) 476-3479
 EMAIL: CH0897@ATT.COM

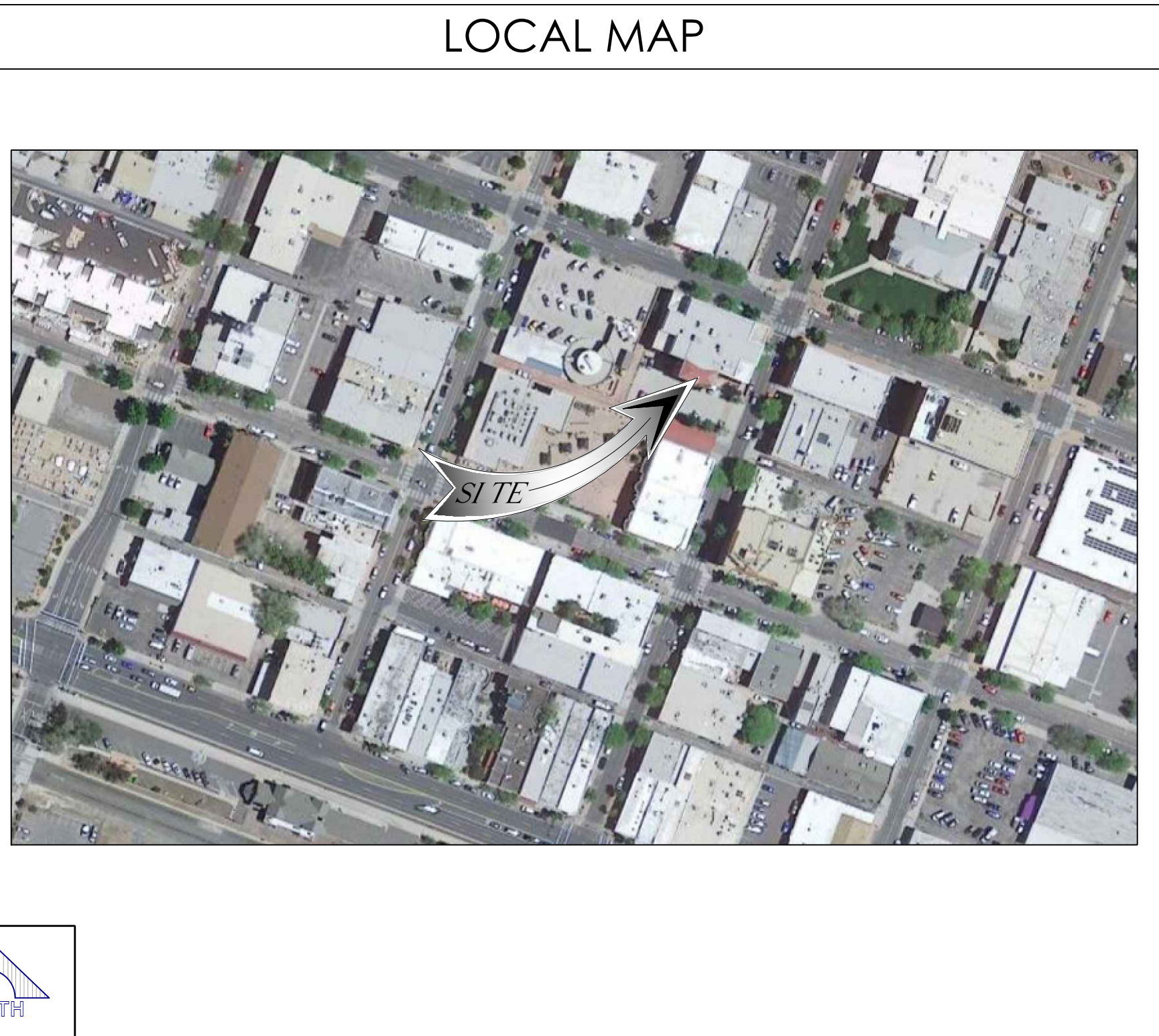
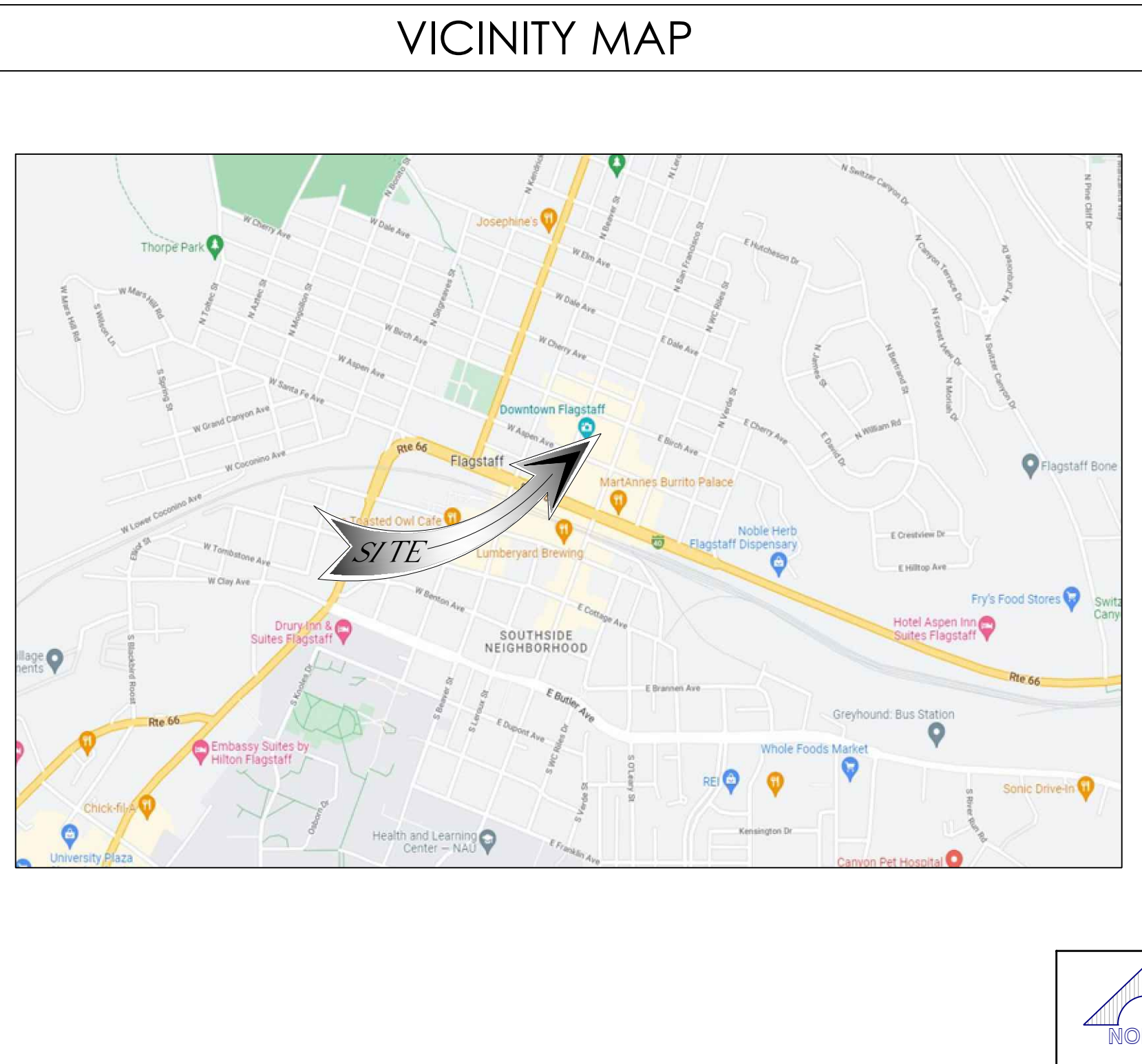
PROJECT MANAGER: CENTERLINE COMMUNICATIONS
 CONTACT: ASHLEY MURPHY
 MAIL: AMURPHY@CLINELLC.COM
 PH: (424) 644-4572

CONSTRUCTION MANAGER: CONTACT: DEAN LASATER
 EMAIL: DL5855@att.com
 PH: (602) 284-5521

SITE ACQUISITION: CENTERLINE COMMUNICATIONS
 CONTACT: MONICA SPENCER
 EMAIL: MSPENCER@CLINELLC.COM
 PH: (657) 342-7943

A&E MANAGER: PM&A
 CONTACT: JAMES "DEAN" WALKER
 EMAIL: JWALKER@PMASS.com
 PH: (714) 230-5714

ZONING: CENTERLINE COMMUNICATIONS
 CONTACT: MONICA SPENCER
 EMAIL: MSPENCER@CLINELLC.COM
 PH: (657) 342-7943



PROJECT DESCRIPTION

PROPOSED SITE BUILD OF AN UNMANNED TELECOMMUNICATIONS FACILITY, CONSISTING OF THE FOLLOWING:

TOWER/ANTENNA SOW:

- INSTALLATION OF (9) AT&T PANEL ANTENNAS
- INSTALLATION OF (9) AT&T REMOTE RADIO UNITS (RRU'S)
- INSTALLATION OF (6) AT&T RRH MOUNTS
- INSTALLATION OF (2) AT&T DC-9 SURGE SUPPRESSORS
- INSTALLATION OF FRP SCREEN WALL CONCEALMENT PANELS

EQUIPMENT SOW:

- INSTALLATION OF AN AT&T 7'-0" X 23'-0" (161 SQ. FT.) TELECOMMUNICATION LEASE AREA
- INSTALLATION OF (2) AT&T EMERSON -48V POWER PLANT RACKS
- INSTALLATION OF (2) AT&T HYBRID RACKS
- INSTALLATION OF (1) AT&T 200A AC POWER PANEL
- INSTALLATION OF (8) AT&T BATTERY STRINGS, (32) 170AH BATTERIES
- INSTALLATION OF (1) AT&T 200AMP METER/ DISCONNECT
- INSTALLATION OF (1) AT&T GEN PLUG
- INSTALLATION OF (1) AT&T CABLE TRAY
- INSTALLATION OF (1) AT&T VERTICAL CHASE TRAY
- INSTALLATION OF (4) #6AWG DC POWER & (2) 18 PAIR FIBER TRUNK CABLES
- INSTALLATION OF (12) AT&T RECTIFIERS
- INSTALLATION OF (2) AT&T 6651 BASEBAND UNITS
- INSTALLATION OF (1) AT&T HVAC UNIT
- INSTALLATION OF (1) AT&T PANEL BOARD AT THE EQUIPMENT ROOM
- INSTALLATION OF (2) AT&T BOLLARDS
- INSTALLATION OF (1) AT&T DC50 SURGE SUPPRESSOR

PROJECT AREA:

- 7'-0" X 23'-0" (161 SQ. FT.) EQUIPMENT LEASE AREA
- (3) 11'-0" X 11'-0" FRP SCREENED BOXES (TOTAL 363 SQ FT)
- TOTAL LEASE AREA: 524 SQ FT

Issued For:
AZL02187
FLAGSTAFF ROOFTOP

123 N SAN FRANCISCO ST
 FLAGSTAFF, AZ 86001
 PARCEL ID: 10119013

USID: 324052
 FA CODE: 14623976

DRAWN BY: MLDV
 CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T. WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

SHEET INDEX		REV.
PART A	TITLE SHEET	0
T-1	GENERAL NOTES	0
GN-1	GENERAL NOTES	0
GN-2	GENERAL NOTES	0
EME-1	EME SIGNAGE LOCATION PLAN	0
LS-1	SITE SURVEY	1
A-1	SITE PLAN	0
A-2	ENLARGED SITE PLAN	0
A-2.1	ENLARGED BASEMENT EQUIPMENT PLAN & BASEMENT EQUIPMENT PLAN	0
A-3	ANTENNA PLAN & SCHEDULE & EQUIPMENT PLAN	0
A-4	SOUTHEAST ELEVATION	0
A-5	NORTHEAST ELEVATION	0
A-6	LINE OF SIGHT ELEVATION	0
D-1	DETAILS	0
D-2	DETAILS	0
D-2.1	DETAILS	0
D-3	SITE SIGNAGE	0
D-4	MATERIAL SAFETY DATA SHEET & LEAD ACID BATTERY-2	0
D-5	EXTERNAL ALARM DETAIL	0
E-1	UTILITY SITE PLAN	0
E-2	SINGLE LINE DIAGRAM	0
G-1	GROUNDING NOTES	0
G-2	GROUNDING PLANS	0
G-3	GROUNDING DETAILS	0
S-1	STRUCTURAL NOTES	0
S-2	SCREEN WALL PLAN	0
S-3	FRP SCREENWALL ELEVATIONS/PLANS	0
S-4	DETAILS	0
S-5	TRUSS UPGRADE DETAILS	0
S-6	STRUCTURAL DETAILS	0

REV	DATE	DESCRIPTION

Licensors:

Sheet Title:
TITLE SHEET

Sheet Number:
T-1

SITE INFORMATION

PROPERTY OWNER: AWD, RINK INC.
 123 N SAN FRANCISCO ST
 FLAGSTAFF, AZ 86001

JURISDICTION: CITY OF FLAGSTAFF
 WIND LOADS: 105 MPH (3-SECOND GUST)
 EXPOSURE CATEGORY: C
 SEISMIC ZONE: 1
 FLOOD ZONE: X
 PARCEL ID #: 10119013
 ZONING: NR00N
 LATITUDE (NAD 83): 35°11'56.30"N (35.198972)
 LONGITUDE (NAD 83): 111°38'51.17"W (-111.647547)
 BASE OF EXISTING STRUCTURE: ± 6907.0' (NAVD 88)
 TOP OF PROPOSED STRUCTURE: ± 71'-0" A.G.L.

ACCESSIBILITY REQUIREMENTS: FACILITY IS AN UNMANNED EQUIPMENT SPACE NOT INTENDED FOR HUMAN HABITATION AND ONLY FREQUENTLY VISITED BY MAINTENANCE PERSONAL. ACCESSIBILITY IS NOT REQUIRED PER IBC 2018, SECTION 1103.2.9 (EQUIPMENT SPACES)

GENERAL CONTRACTOR NOTES

DO NOT SCALE DRAWINGS

THESE PLANS ARE FORMATTED TO BE FULL SIZE AT 24" X 36". CONTRACTORS SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR MATERIAL ORDERS OR BE RESPONSIBLE FOR THE SAME.

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

STATEMENTS

STRUCTURAL ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWINGS SET. FOR ANALYSIS OF EXISTING AND/OR PROPOSED COMPONENTS, REFER TO STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.

ANTENNA MOUNT ANALYSIS IS NOT WITHIN THE SCOPE OF WORK CONTAINED IN THIS DRAWING SET. FOR ANALYSIS OF MOUNT TO SUPPORT EXISTING AND/OR PROPOSED COMPONENTS, REFER TO ANTENNA MOUNT STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.

DRIVING DIRECTIONS

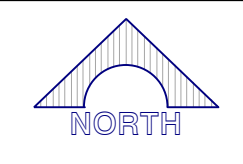
DIRECTIONS FROM PHOENIX SKY HARBOR INTERNATIONAL AIRPORT:

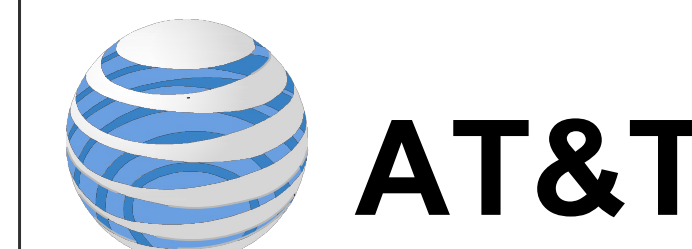
1. HEAD EAST ON E SKY HARBOR BLVD 46 FT
2. USE THE LEFT LANE TO STAY ON E SKY HARBOR BLVD 190 FT
3. SLIGHT LEFT TOWARD E SKY HARBOR BLVD 436 FT
4. TURN LEFT ONTO E SKY HARBOR BLVD 0.1 MILES
5. USE THE LEFT LANE TO MERGE ONTO I-10 W VIA THE RAMP TO DOWNTOWN/PHOENIX/AZ-51/AZ-202 LOOP 0.8 MILES
6. MERGE ONTO I-10 W 4.9 MILES
7. TAKE EXIT 143A-143B TO MERGE ONTO I-17 N TOWARD FLAGSTAFF 139 MILES
8. CONTINUE ONTO AZ-89A 1.7 MILES
9. CONTINUE ONTO HISTORIC RTE 66/S MILTON RD/RTE 66 0.8 MILES
10. TURN LEFT ONTO N LEROUX ST 390 FT
11. TURN RIGHT ONTO E ASPEN AVE 75 FT. SITE WILL BE ON THE LEFT

POWER AGENCY: A.P.S.
 TELCO PROVIDER: TBD

RFDS NAME: AZL02187
 ISSUE: 1.00
 REVISION: V1.0
 DATE: 03/19/2024
 RFDS VERSION: FINAL
 RFDS ID: RFDS-25126
 UPDATED BY: AC7856
 DATE/TIME UPDATED: 05/09/2025

DIGALERT
 800-227-2600
 Call 2 Full Working Days In Advance





FIELD BY:	CEF / TLG
DRAWN BY:	RDG
CHECKED BY:	RLF

REVISIONS		
NO.	DATE	DESCRIPTION
1	06/27/25	FINAL / UPDATE TITLE
0	10/25/22	PRELIM / TITLE REVIEW



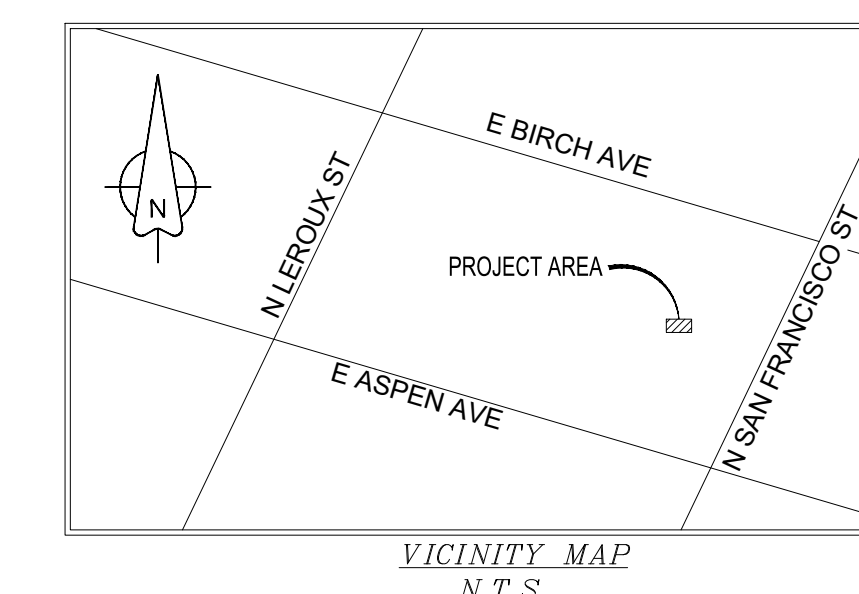
REUSE OF DOCUMENT
THE IDEAS & DESIGN INCORPORATED HEREON, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF RLF CONSULTING, LLC & IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT WRITTEN AUTHORIZATION OF RLF CONSULTING, LLC.

PROJECT No.
18003217
SITE NAME:
AZL02187

SITE ADDRESS:
123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001

SHEET TITLE:
TOPOGRAPHIC SURVEY

SHEET NO. LS-1	REVISION:
--------------------------	-----------



LESSEE'S LEASE AREA LEGAL DESCRIPTION
A TRACT OF LAND BEING A PORTION OF LOTS 19 THROUGH 24, INCLUSIVE, BLOCK 18, TOWN OF FLAGSTAFF, AS SHOWN ON THE PLAT THEREOF, RECORDED IN BOOK 1 OF MAPS, PAGES 7, 7A AND 7B, RECORDS OF COCONINO COUNTY, ARIZONA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FROM BRASS CAP IN HANDHOLE AT THE INTERSECTION OF NORTH SAN FRANCISCO STREET AND EAST BIRCH AVENUE, WHICH A BRASS CAP IN HANDHOLE AT THE INTERSECTION OF EAST BIRCH AVENUE AND NORTH LEROUX STREET BEARS NORTH 69°05'34" WEST, A DISTANCE OF 350.00 FEET; THENCE SOUTH 20°54'26" WEST, A DISTANCE OF 152.43 FEET; THENCE NORTH 69°05'34" WEST, A DISTANCE OF 25.00 FEET; THENCE NORTH 69°05'34" WEST, A DISTANCE OF 118.02 FEET; THENCE SOUTH 20°54'26" EAST, A DISTANCE OF 41.08 FEET; THENCE SOUTH 69°03'21" EAST, A DISTANCE OF 15.00 FEET; THENCE SOUTH 20°54'25" WEST, A DISTANCE OF 26.03 FEET; THENCE SOUTH 69°03'34" EAST, A DISTANCE OF 12.30 FEET; THENCE NORTH 20°54'26" EAST, A DISTANCE OF 32.99 FEET; THENCE SOUTH 69°22'01" EAST, A DISTANCE OF 4.85 FEET; THENCE SOUTH 20°38'42" WEST, A DISTANCE OF 32.99 FEET; THENCE SOUTH 69°05'34" EAST, A DISTANCE OF 85.72 FEET; THENCE SOUTH 20°54'26" WEST, A DISTANCE OF 15.00 FEET TO THE POINT OF BEGINNING.

THENCE NORTH 20°19'02" EAST, A DISTANCE OF 11.00 FEET; THENCE SOUTH 69°40'58" EAST, A DISTANCE OF 11.00 FEET; THENCE SOUTH 20°19'02" WEST, A DISTANCE OF 11.00 FEET; THENCE NORTH 69°40'58" WEST, A DISTANCE OF 11.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 121 SQUARE FEET OR 0.003 ACRES, MORE OR LESS.

LESSEE'S ACCESS & UTILITY EASEMENT LEGAL DESCRIPTION

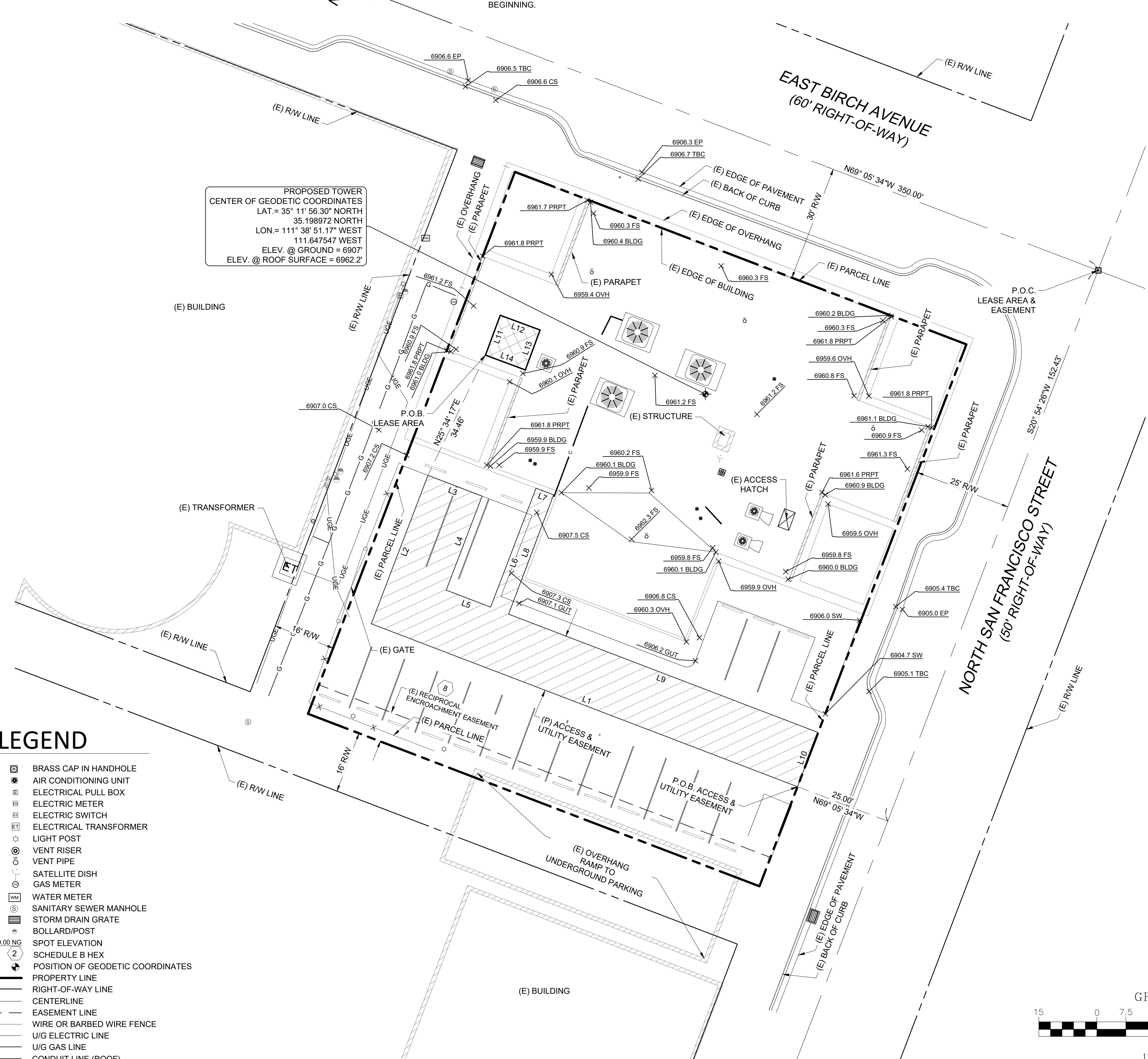
A TRACT OF LAND BEING A PORTION OF LOTS 19 THROUGH 24, INCLUSIVE, BLOCK 18, TOWN OF FLAGSTAFF, AS SHOWN ON THE PLAT THEREOF, RECORDED IN BOOK 1 OF MAPS, PAGES 7, 7A AND 7B, RECORDS OF COCONINO COUNTY, ARIZONA, AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING FROM BRASS CAP IN HANDHOLE AT THE INTERSECTION OF NORTH SAN FRANCISCO STREET AND EAST BIRCH AVENUE, WHICH A BRASS CAP IN HANDHOLE AT THE INTERSECTION OF EAST BIRCH AVENUE AND NORTH LEROUX STREET BEARS NORTH 69°05'34" WEST, A DISTANCE OF 350.00 FEET; THENCE SOUTH 20°54'26" WEST, A DISTANCE OF 152.43 FEET; THENCE NORTH 69°05'34" WEST, A DISTANCE OF 25.00 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 69°05'34" WEST, A DISTANCE OF 118.02 FEET; THENCE NORTH 20°54'26" EAST, A DISTANCE OF 41.08 FEET; THENCE SOUTH 69°03'21" EAST, A DISTANCE OF 15.00 FEET; THENCE SOUTH 20°54'25" WEST, A DISTANCE OF 26.03 FEET; THENCE SOUTH 69°03'34" EAST, A DISTANCE OF 12.30 FEET; THENCE NORTH 20°54'26" EAST, A DISTANCE OF 32.99 FEET; THENCE SOUTH 69°22'01" EAST, A DISTANCE OF 4.85 FEET; THENCE SOUTH 20°38'42" WEST, A DISTANCE OF 32.99 FEET; THENCE SOUTH 69°05'34" EAST, A DISTANCE OF 85.72 FEET; THENCE SOUTH 20°54'26" WEST, A DISTANCE OF 15.00 FEET TO THE POINT OF BEGINNING.

LINE	LENGTH	BEARING
L1	118.02	N69° 05' 34"W
L2	41.08	N20° 54' 26"E
L3	15.00	S69° 03' 21"E
L4	26.03	S20° 54' 25"W
L5	12.30	S69° 05' 34"E
L6	32.92	N20° 54' 26"E
L7	4.85	S69° 22' 01"E

LINE	LENGTH	BEARING
L8	32.99	S20° 38' 42"W
L9	85.72	S69° 05' 34"E
L10	15.00	S20° 54' 26"W
L11	11.00	N20° 19' 02"E
L12	11.00	S69° 40' 58"E
L13	11.00	S20° 19' 02"W
L14	11.00	N69° 40' 58"W



PROPOSED TOWER
CENTER OF GEODETIC COORDINATES
LAT. = 35° 11' 56.30" NORTH
35.198972 NORTH
LON. = 111° 38' 51.17" WEST
111.647547 WEST
ELEV. @ GROUND = 6907'
ELEV. @ ROOF SURFACE = 6962.2'

SURVEYOR NOTES

- ALL TITLE INFORMATION IS BASED UPON A COMMITMENT FOR TITLE INSURANCE PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, ORDER NO.: 6356330 EFFECTIVE DATE: 04/25/2025.
- SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE.
- THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
- SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

FLOOD ZONE DESIGNATION

THE PROPOSED LEASE PREMISES SHOWN HEREON APPEAR TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 04005C8609G DATED 09/03/2010.

FLOOD ZONE "X" IS DEFINED AS: AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN, DETERMINED TO BE OUTSIDE THE 1% AND 0.2% ANNUAL CHANCE FLOODPLAINS.

PROJECT META DATA

- ELEVATIONS SHOWN HEREON ARE REPRESENTED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ESTABLISHED FROM GPS DERIVED ELLIPSOID HEIGHTS, APPLYING GEOID 12B SEPARATIONS CONSTRAINING TO NGS CORS STATIONS PROVIDED IN THE "ONLINE POSITIONING USER SERVICE" (OPUS) SOLUTION FOR THIS SPECIFIC SITE.
- BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM ARIZONA STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.
- FIELD WORK FOR THIS PROJECT WAS PERFORMED ON 10/13/22.

LESSOR'S LEGAL DESCRIPTION

LOTS 19 THROUGH 24, INCLUSIVE, BLOCK 18, TOWN OF FLAGSTAFF, AS SHOWN ON THE PLAT THEREOF, RECORDED IN BOOK 1 OF MAPS, PAGES 7, 7A AND 7B, RECORDS OF COCONINO COUNTY, ARIZONA.

EXCEPTING THEREFROM THE WESTERLY 16.00 FEET.

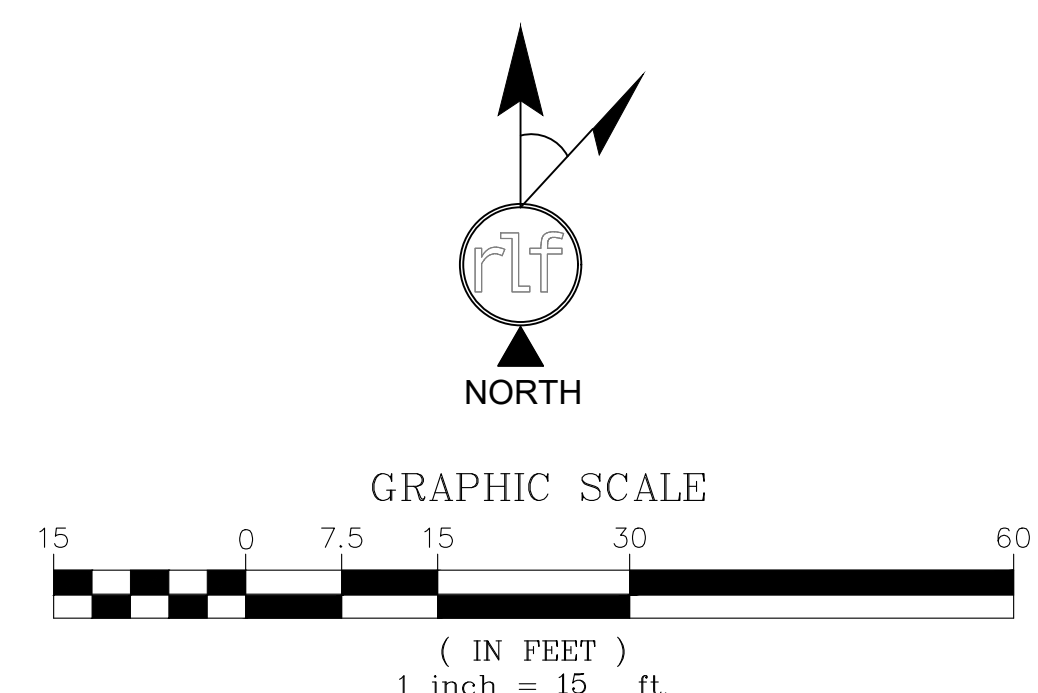
SCHEDULE B EXCEPTIONS

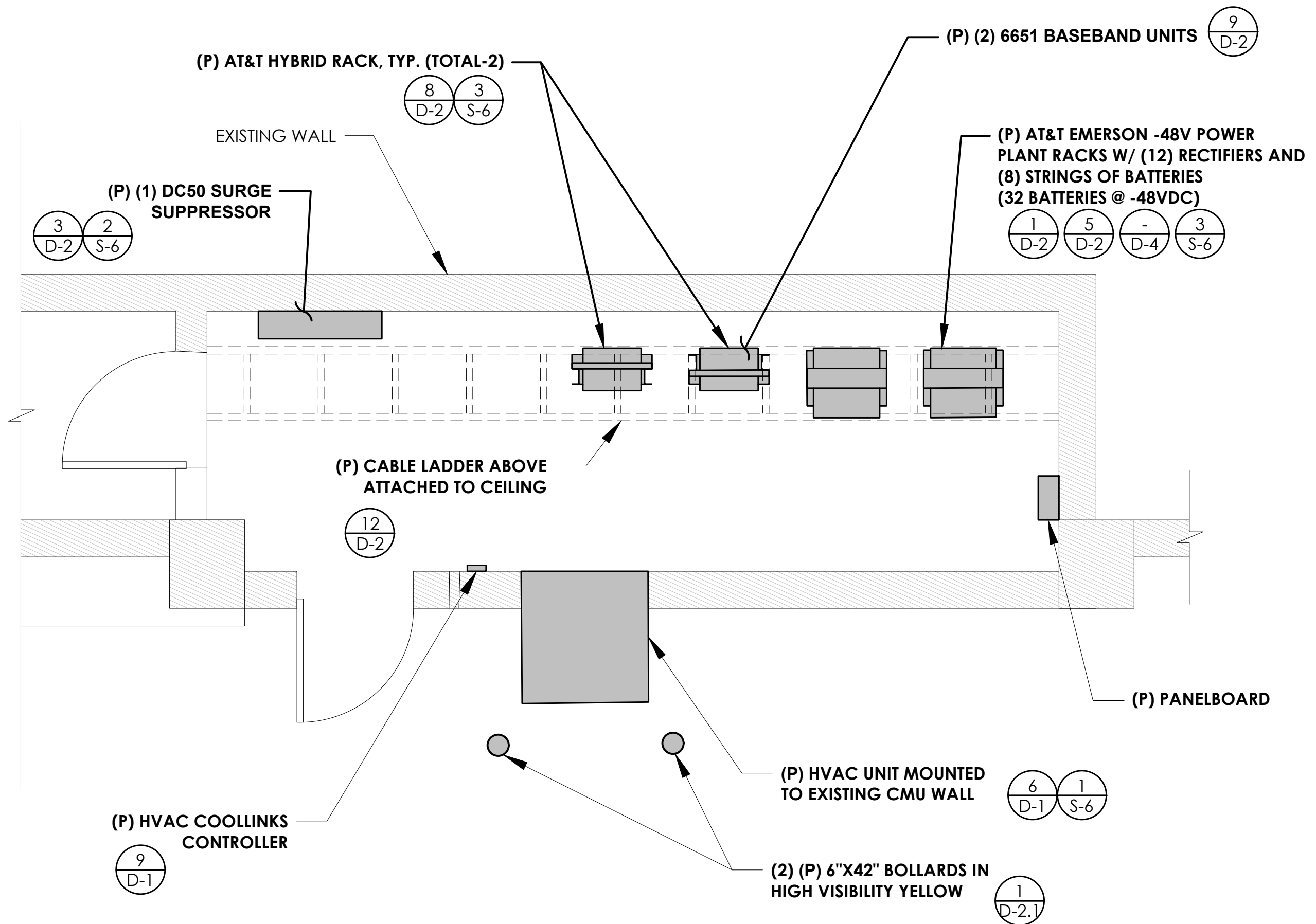
- AN EASEMENT FOR RECIPROCAL ENCROACHMENT AND INCIDENTAL PURPOSES IN THE DOCUMENT RECORDED AS DOCKET 1740, PAGE 812.

ITEMS 1 THRU 6 & 8 THRU 14 OF THE CLIENT PROVIDED TITLE REPORT DO NOT CONTAIN GRAPHICALLY PLOTTABLE EASEMENTS, SETBACKS, RESTRICTIONS OR OTHER ENCUMBRANCES. THE SURVEYOR CANNOT GUARANTEE THAT NON-PLOTTABLE ENCUMBRANCES DO NOT EXIST THAT MAY AFFECT THE SUBJECT LEASED PREMISES.

LEGEND

- BRASS CAP IN HANDHOLE
- AIR CONDITIONING UNIT
- ELECTRICAL PULL BOX
- ELECTRIC METER
- ELECTRIC SWITCH
- ELECTRICAL TRANSFORMER
- LIGHT POST
- VENT RISER
- VENT PIPE
- SATELLITE DISH
- GAS METER
- WATER METER
- SANITARY SEWER MANHOLE
- STORM DRAIN GRATE
- BOLLARD/POST
- SPOT ELEVATION
- SCHEDULE B HEX
- POSITION OF GEODETIC COORDINATES
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- EASEMENT LINE
- WIRE OR BARBED WIRE FENCE
- U/G ELECTRIC LINE
- U/G GAS LINE
- CONDUIT LINE (ROOF)

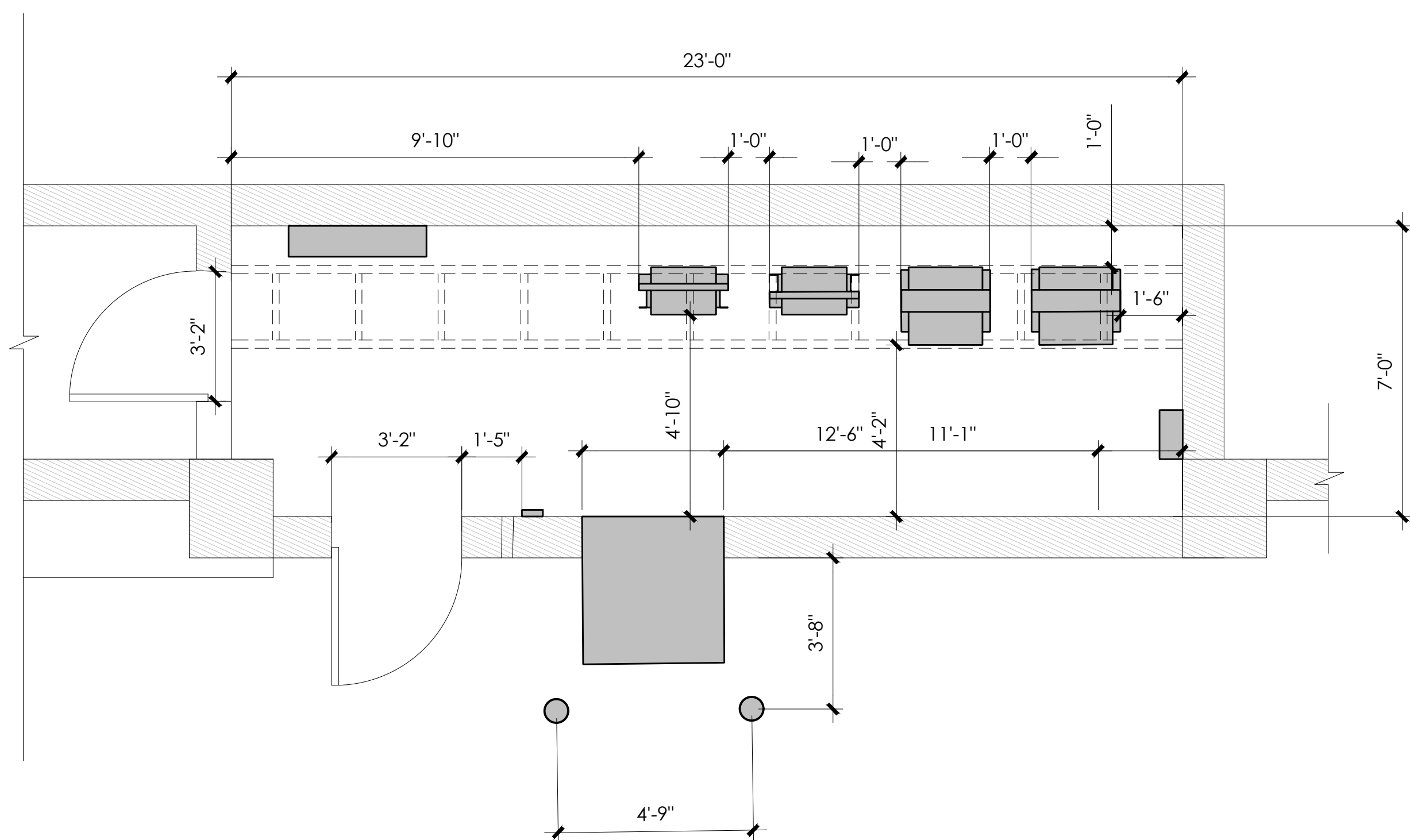




EQUIPMENT PLAN

24"x36" SCALE: 3/8" = 1'-0" 2' 1' 0" 2'

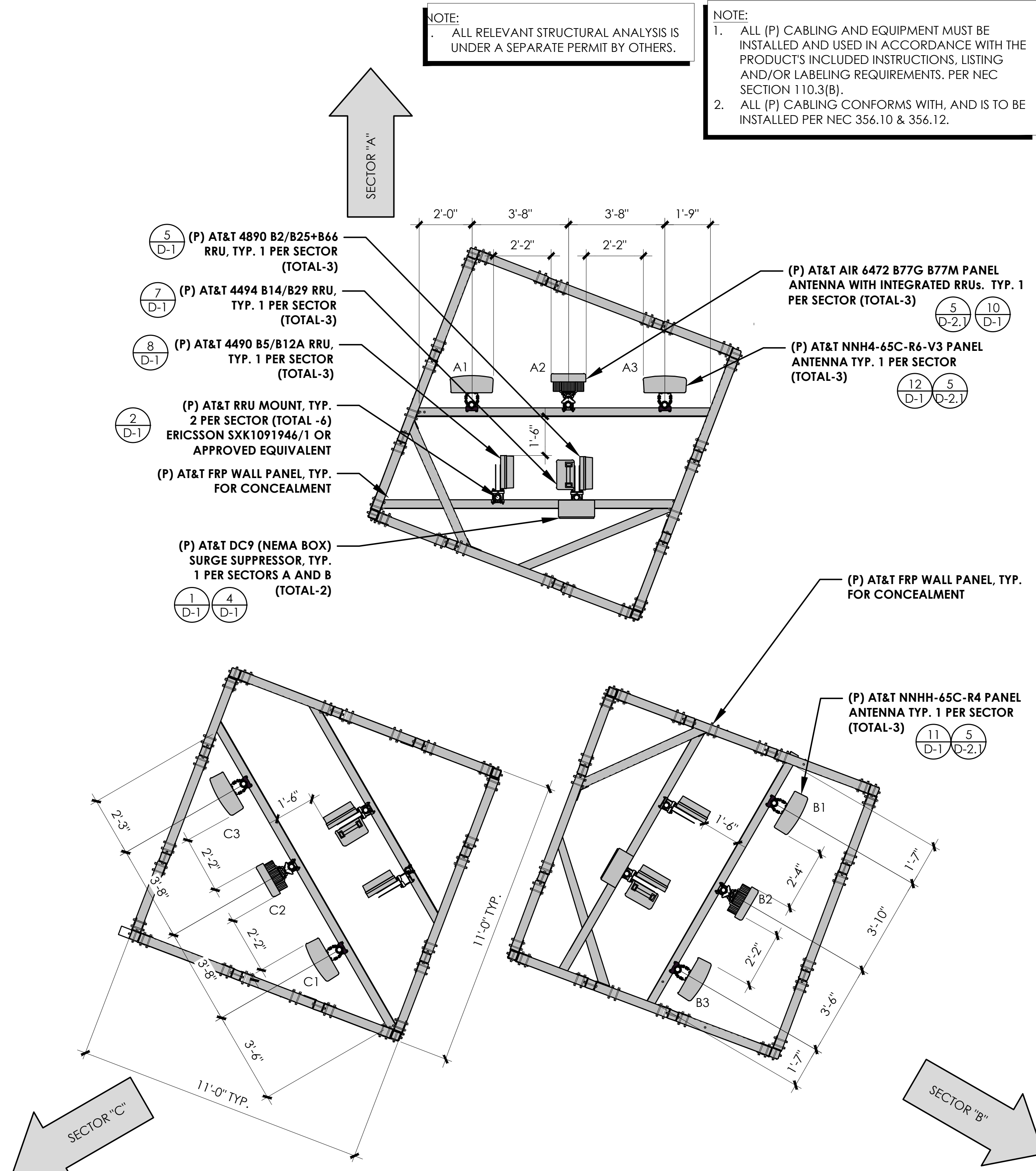
2



DIMENSION PLAN

24"x36" SCALE: 3/8" = 1'-0" 2' 1' 0" 2'

3



(P) ANTENNA SCHEDULE

	POS	ANTENNA RAD CENTER	AZIMUTH	ANTENNA MAKE	ANTENNA MODEL	RRH MODEL	SURGE SUPPRESSOR	FEEDER TYPE	FEEDER LENGTH
SECTOR 'A'	A1	67'-0"	0°	COMMSCOPE	NNH4-65C-R4	(1) ERICSSON 4490 B5/B12A	(2) DC9-48-60-24-PC16-EV	(4) PWRT-606-S POWER TRUNKS & (2) RFT-482M-001 FIBER TRUNK CABLES	SECTOR A: ±244° SECTOR B: ±242° SECTOR C: ±237°
	A2	68'-0"	0°	ERICSSON	AIR6472 B77G B77M				
	A3	67'-0"	0°	COMMSCOPE	NNH4-65C-R6-V3	(1) ERICSSON 4494 B14/B29 (1) ERICSSON 4890 B25/B66			
SECTOR 'B'	B1	67'-0"	120°	COMMSCOPE	NNH4-65C-R4	(1) ERICSSON 4490 B5/B12A			
	B2	68'-0"	120°	ERICSSON	AIR6472 B77G B77M				
	B3	67'-0"	120°	COMMSCOPE	NNH4-65C-R6-V3	(1) ERICSSON 4494 B14/B29 (1) ERICSSON 4890 B25/B66			
SECTOR 'C'	C1	61'-0"	240°	COMMSCOPE	NNH4-65C-R4	(1) ERICSSON 4490 B5/B12A			
	C2	62'-0"	240°	ERICSSON	AIR6472 B77G B77M				
	C3	61'-0"	240°	COMMSCOPE	NNH4-65C-R6-V3	(1) ERICSSON 4494 B14/B29 (1) ERICSSON 4890 B25/B66			

ANTENNA PLAN & SCHEDULE

24"x36" SCALE: 1/2" = 1'-0" 2' 1' 0" 2'

1

PREPARED FOR

1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:

P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY. STE. 210
ROSWELL, GA 30076
OFFICE: (678) 280-2325

PROJECT ID: P-170594

Issued For:

AZL02187
FLAGSTAFF ROOFTOP

123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013

USID: 324052
FA CODE: 14623976

DRAWN BY: MLDV
CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T. WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

REV	DATE	DESCRIPTION
-----	------	-------------

Licensor:

Sheet Title:
ANTENNA PLAN & SCHEDULE & EQUIPMENT PLAN

Sheet Number:
A-3

NOTE:
1. ALL RELEVANT STRUCTURAL ANALYSIS IS UNDER A SEPARATE PERMIT BY OTHERS.

NOTE:
1. AT&T RRU'S, TMA'S, AND SURGE SUPPRESSORS NOT DEPICTED IN THIS VIEW FOR CLARITY. FOR LOCATIONS OF THESE ITEMS, PLEASE REFER TO PREVIOUS PLANS VIEWS WITHIN THE DRAWING SET

PREPARED FOR
AT&T
1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:
PM&A
P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY, STE 210
ROSWELL, GA 30076
OFFICE: (678) 280-2325
PROJECT ID: P-170594

Issued For:
AZL02187
FLAGSTAFF ROOFTOP
123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013
USID: 324052
FA CODE: 14623976

DRAWN BY: MLDV
CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T. WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

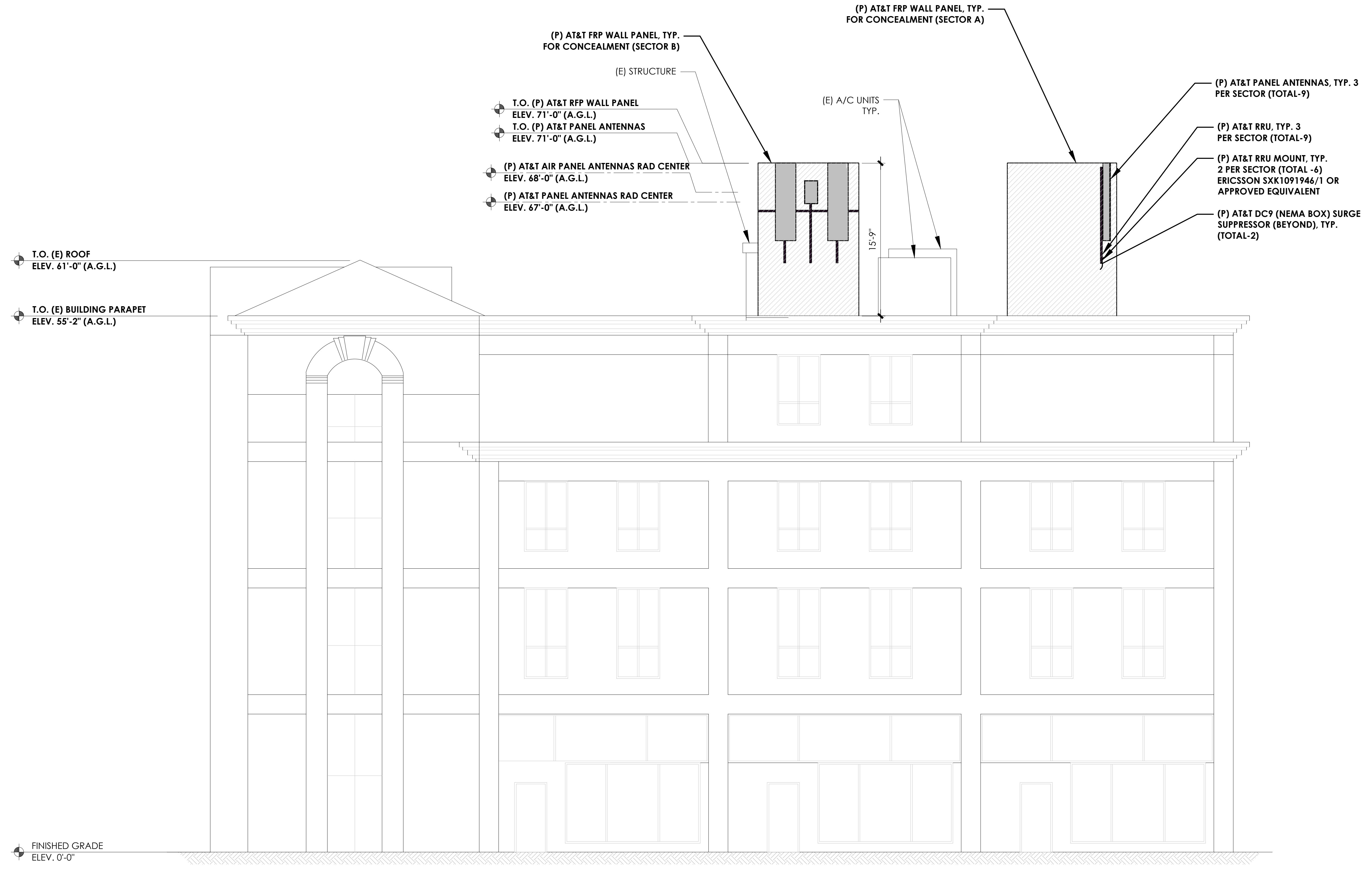
REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

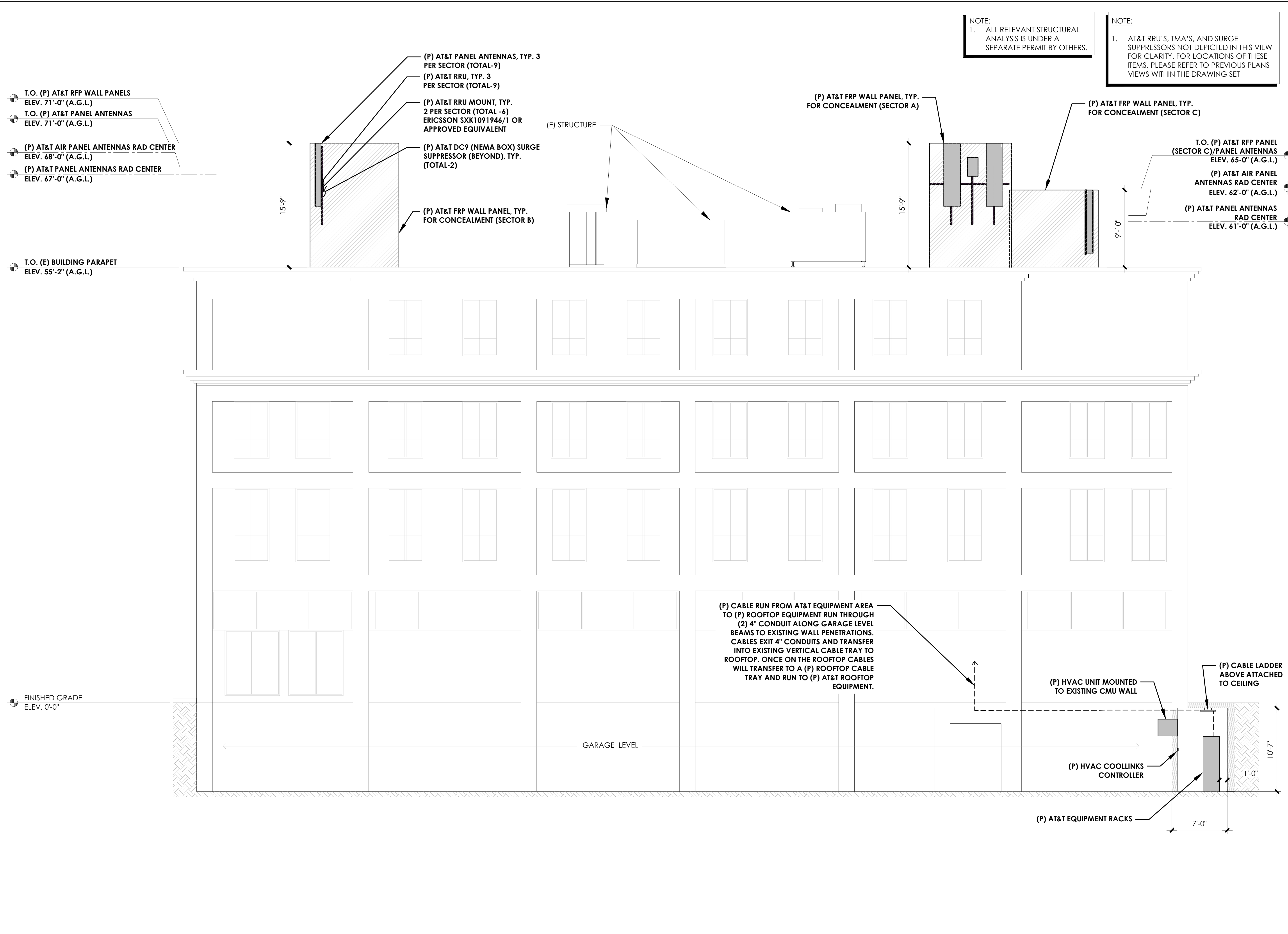
REV	DATE	DESCRIPTION
-----	------	-------------

Licensors:

Sheet Title:
SOUTHEAST ELEVATION

Sheet Number:
A-4





NOTE:
1. ALL RELEVANT STRUCTURAL ANALYSIS IS UNDER A SEPARATE PERMIT BY OTHERS.

NOTE:
1. AT&T RRU'S, TMA'S, AND SURGE SUPPRESSORS NOT DEPICTED IN THIS VIEW FOR CLARITY. FOR LOCATIONS OF THESE ITEMS, PLEASE REFER TO PREVIOUS PLANS VIEWS WITHIN THE DRAWING SET

PREPARED FOR
AT&T
1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:
PM&A
P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY. STE. 210
ROSWELL, GA. 30076
OFFICE: (678) 280-2325
PROJECT ID: P-170594

Issued For:
AZL02187
FLAGSTAFF ROOFTOP
123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013
USID: 324052
FA CODE: 14623976

DRAWN BY: MLDV
CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T. WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

REV	DATE	DESCRIPTION

Licenser:

Sheet Title:
NORTHEAST ELEVATION

Sheet Number:
A-5

NOTE:
1. ALL RELEVANT STRUCTURAL ANALYSIS IS UNDER A SEPARATE PERMIT BY OTHERS.

NOTE:
1. AT&T RRU'S, TMA'S, AND SURGE SUPPRESSORS NOT DEPICTED IN THIS VIEW FOR CLARITY. FOR LOCATIONS OF THESE ITEMS, PLEASE REFER TO PREVIOUS PLANS VIEWS WITHIN THE DRAWING SET

PREPARED FOR
AT&T
1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:
PM&A
P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY, STE 210
ROSWELL, GA 30076
OFFICE: (678) 280-2325
PROJECT ID: P-170594

Issued For:
AZL02187
FLAGSTAFF ROOFTOP
123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013
USID: 324052
FA CODE: 14623976

DRAWN BY: MLDV
CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T. WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

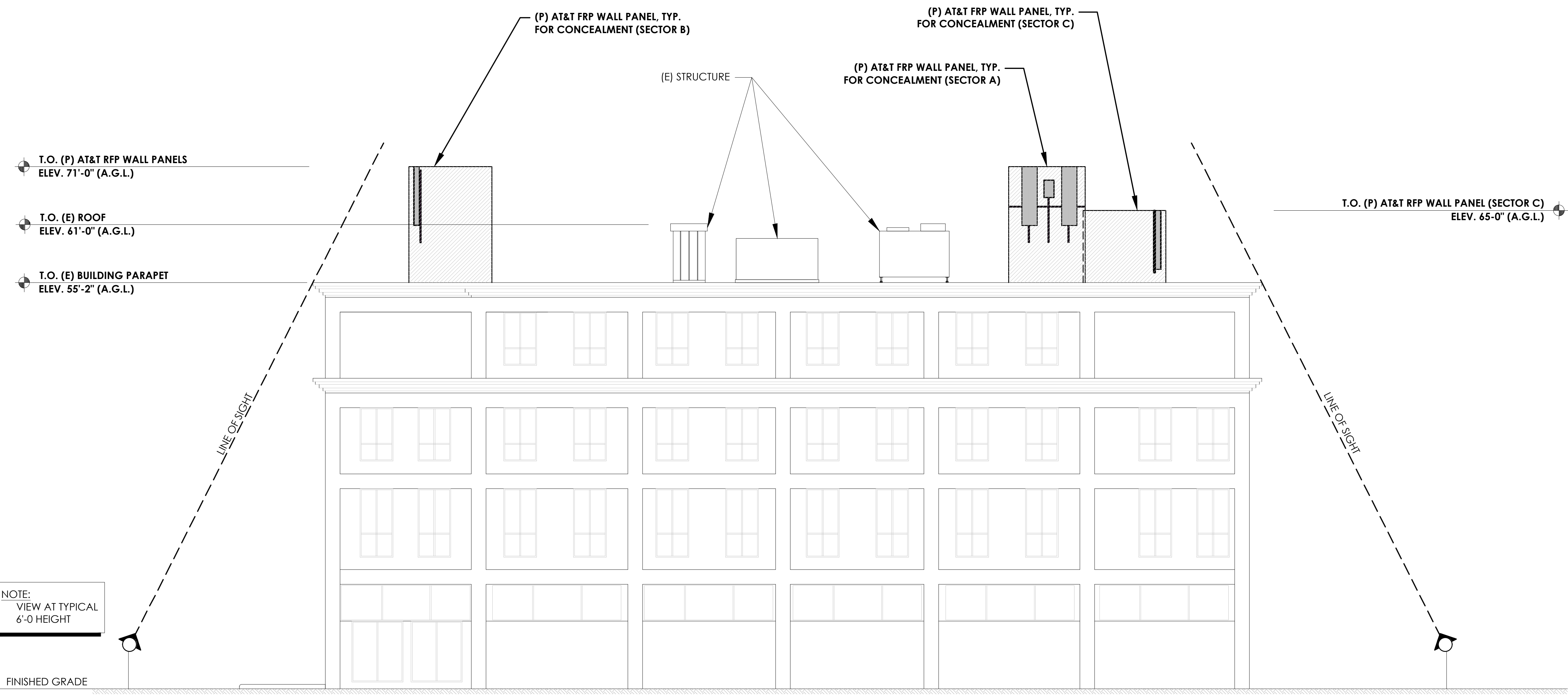
REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

REV	DATE	DESCRIPTION
-----	------	-------------

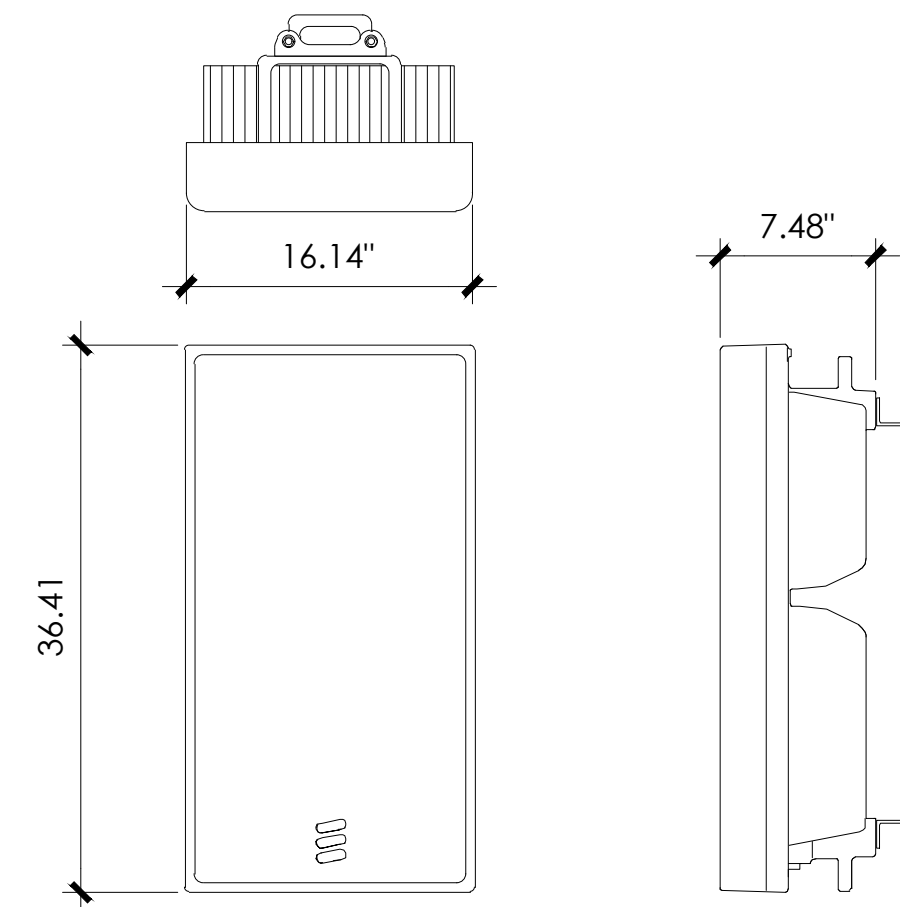
Licenser:

Sheet Title:
LINE OF SIGHT ELEVATION

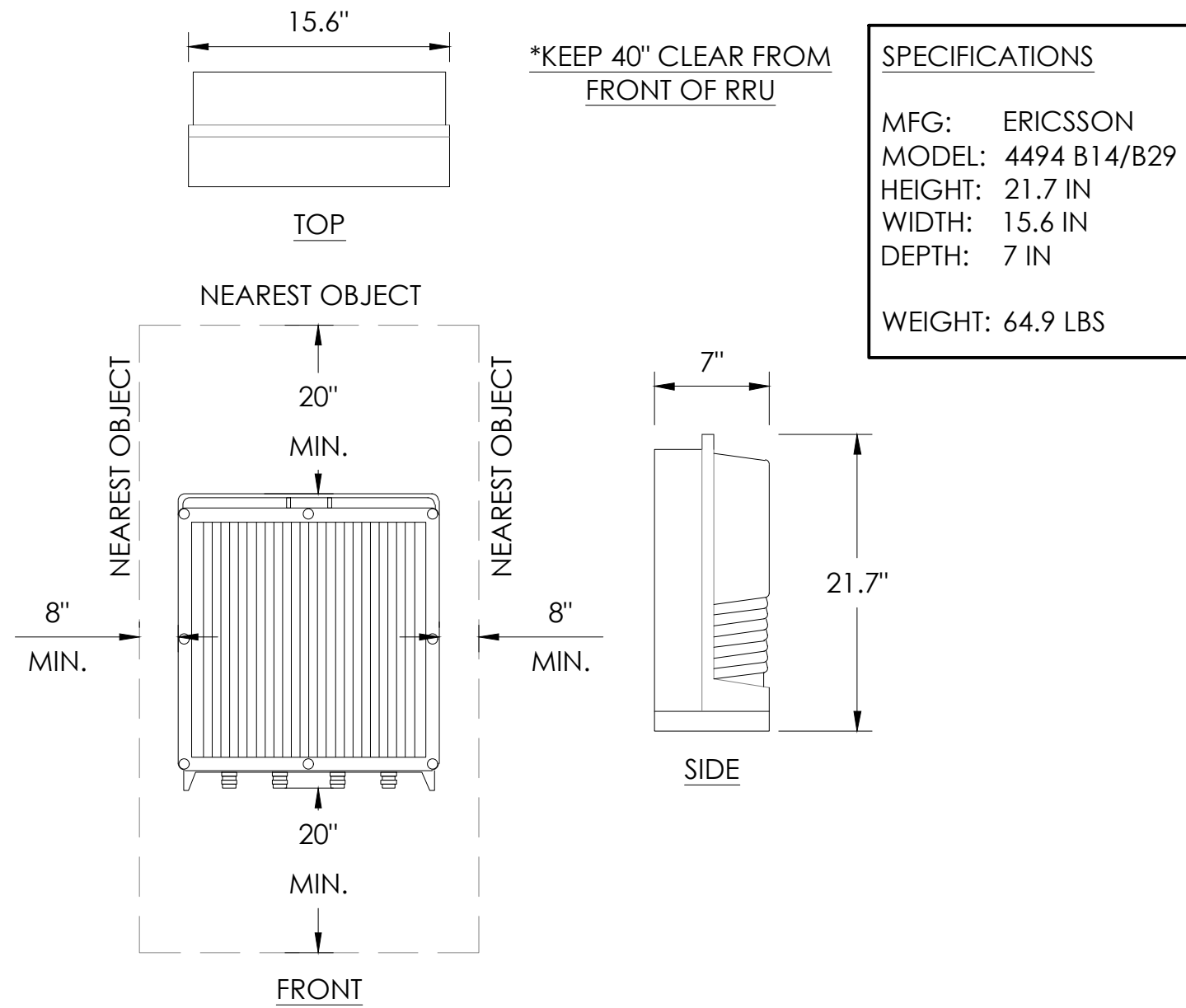
Sheet Number:
A-6



SPECIFICATIONS:
MFG / MODEL / PORT: ERICSSON / AIR 6472 B77G B77M
DIMENSIONS: 36.41" H X 16.14" W X 7.48" D
WEIGHT: 92.59 LBS (W/ MOUNTING KIT)



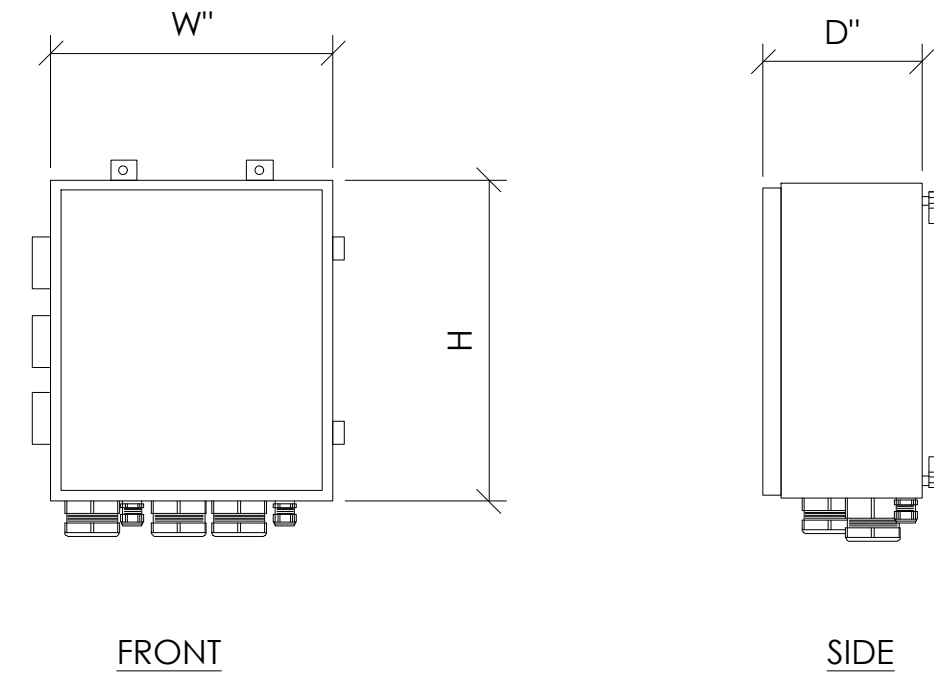
10 AIR 6472 ANTENNA SPECIFICATION
N.T.S.



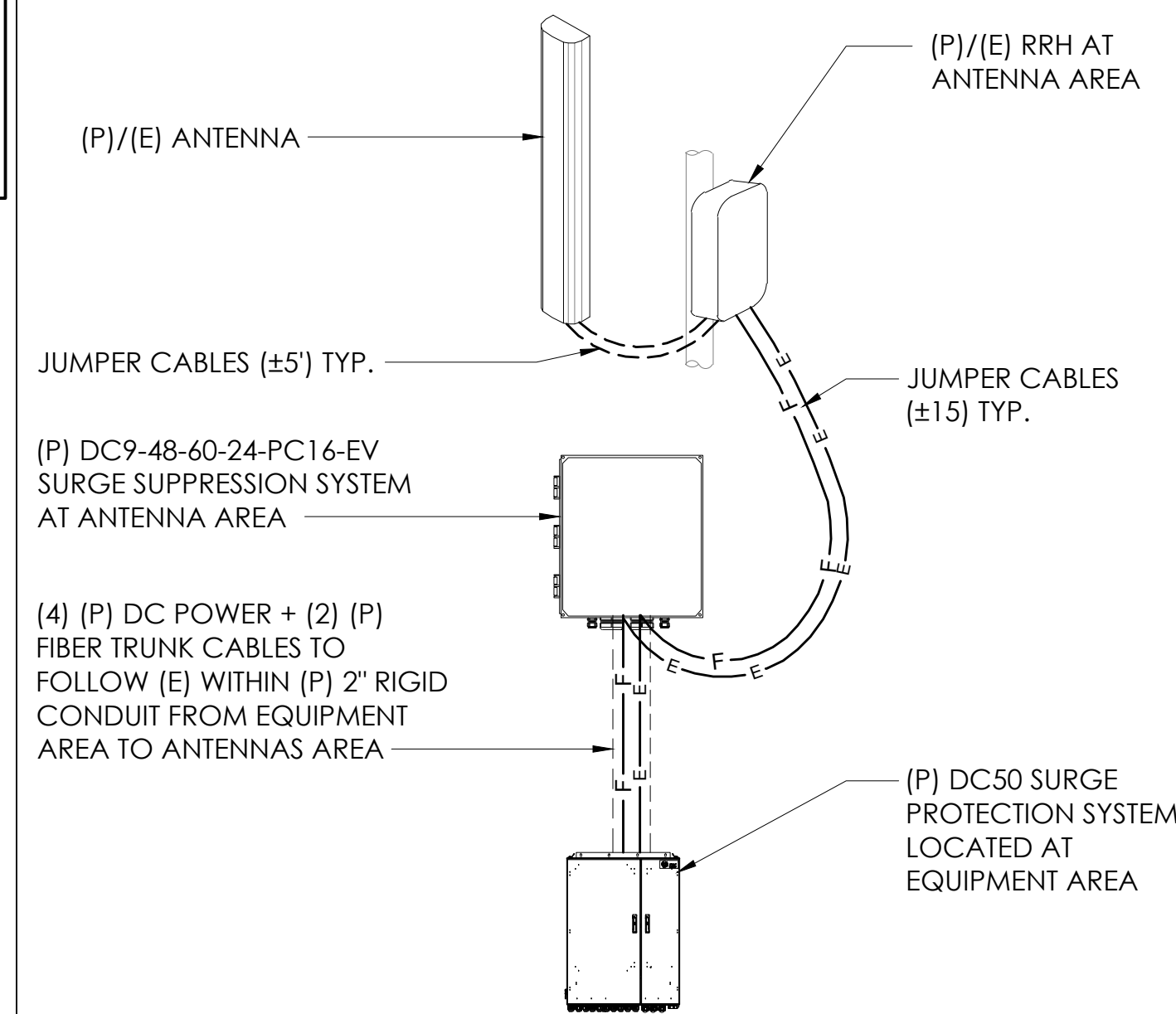
7 RRU 4494 B14/B29 SPECIFICATIONS
N.T.S.

SPECIFICATIONS
MFG: ERICSSON
MODEL: 4494 B14/B29
HEIGHT: 21.7 IN
WIDTH: 15.6 IN
DEPTH: 7 IN
WEIGHT: 64.9 LBS

RAYCAP DC9-48-60-24-PC16-EV SURGE SUPPRESSION SOLUTION
DIMENSIONS: 16.34" W X 16.57" H X 8.19" D
WEIGHT: 35 LBS.

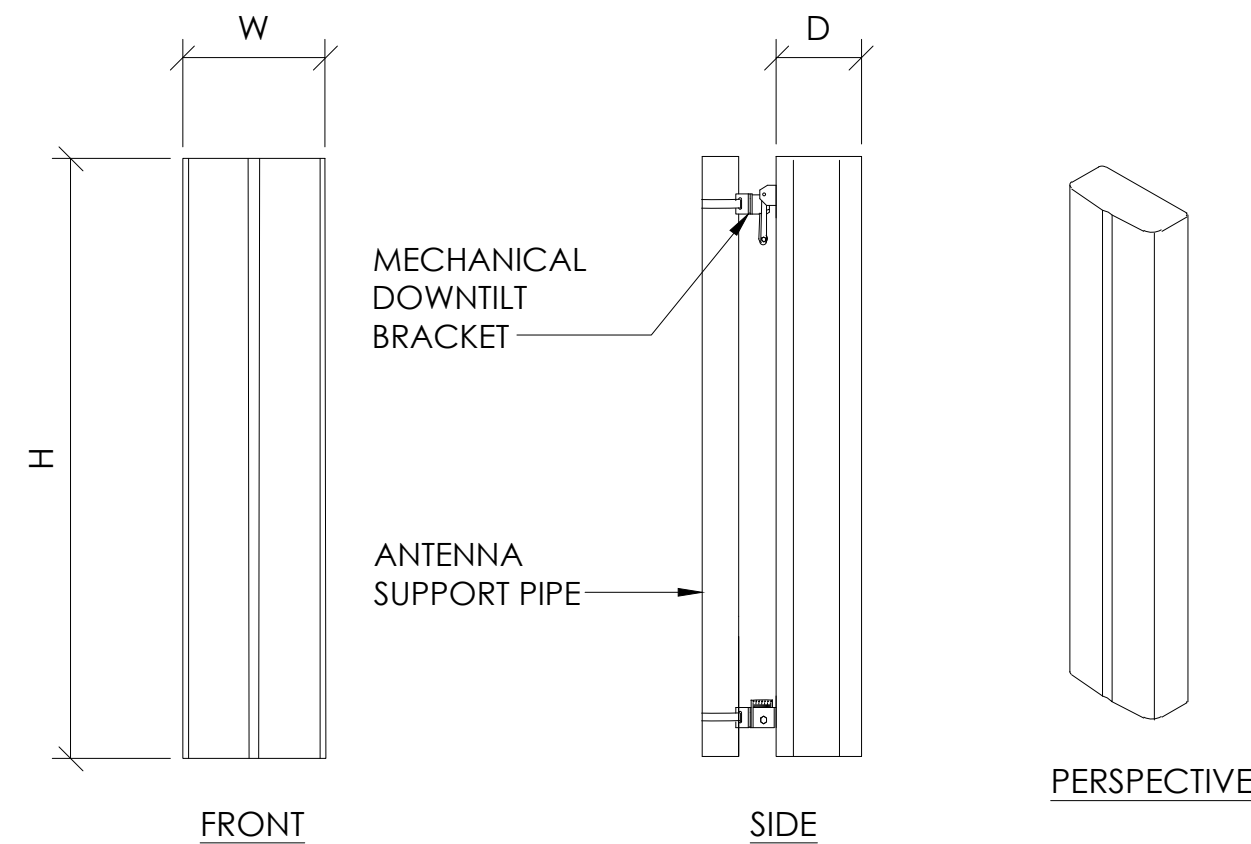


4 DC9-48-60-24-PC16-EV DETAIL
N.T.S.

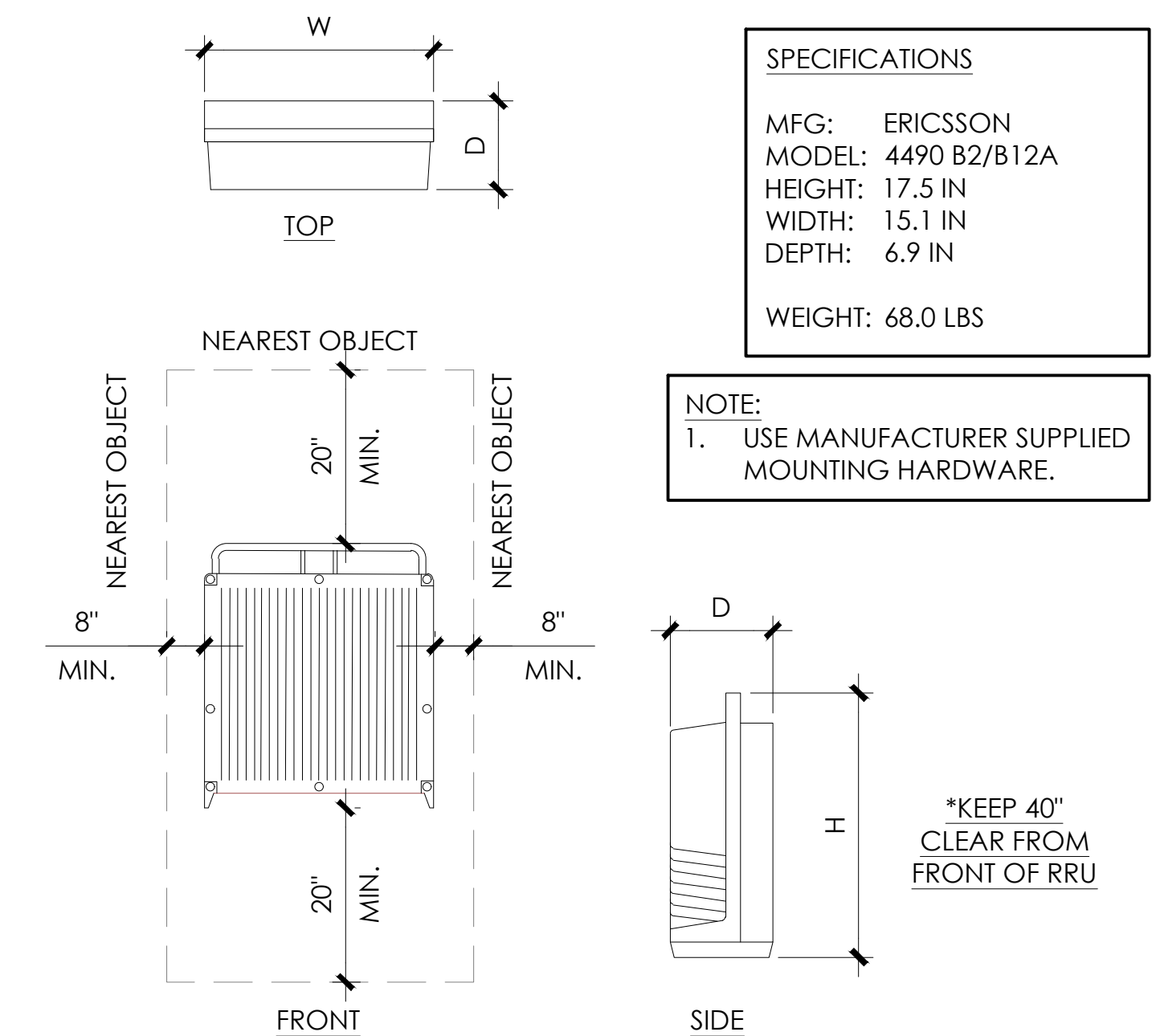


1 (P) POWER / FIBER WIRING SCHEMATIC
N.T.S.

SPECIFICATIONS:
MFG / MODEL / PORT: COMMSCOPE / NNHH-65C-R4
DIMENSIONS: 95.984" H X 19.606" W X 7.756" D
WEIGHT: 86.642 LBS (W/O MOUNTING KIT)



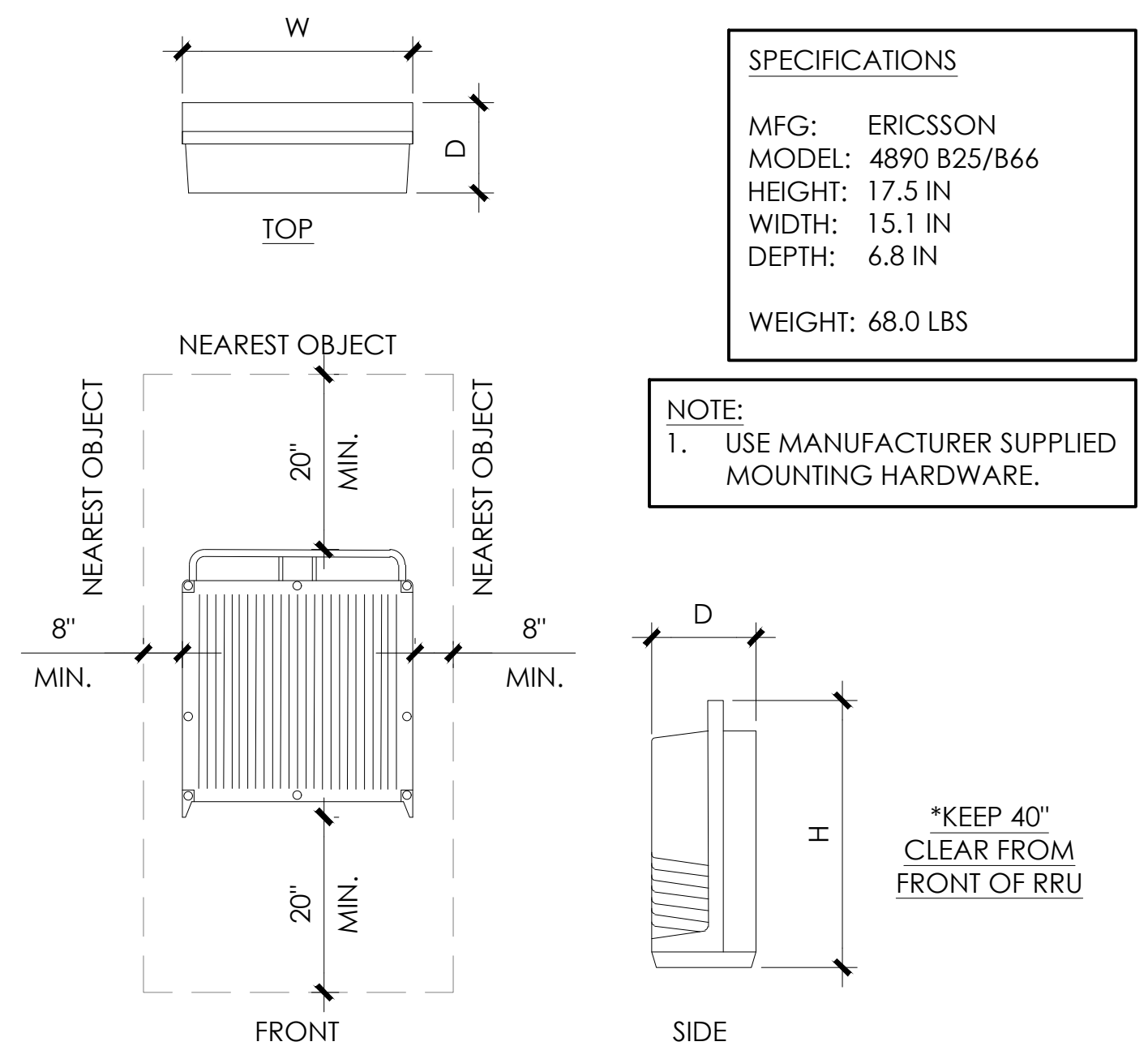
11 ANTENNA SPECIFICATION
N.T.S.



8 ERICSSON RRU 4490 B5/B12A + B66 SPECIFICATIONS
N.T.S.

SPECIFICATIONS
MFG: ERICSSON
MODEL: 4490 B2/B12A
HEIGHT: 17.5 IN
WIDTH: 15.1 IN
DEPTH: 6.9 IN
WEIGHT: 68.0 LBS

NOTE:
1. USE MANUFACTURER SUPPLIED MOUNTING HARDWARE.



5 ERICSSON RRU 4890 B25/B66 SPECIFICATIONS
N.T.S.

SPECIFICATIONS
MFG: ERICSSON
MODEL: 4890 B25/B66
HEIGHT: 17.5 IN
WIDTH: 15.1 IN
DEPTH: 6.8 IN
WEIGHT: 68.0 LBS

NOTE:
1. USE MANUFACTURER SUPPLIED MOUNTING HARDWARE.

SPECIFICATIONS
MFG: ERICSSON
MODELS: SXK1091946/1, SXK1091946/2, SXK1072892/1 (ADAPTER PLATE)
WEIGHT: 16.8 LBS

FEATURES: ACCOMODATES ALL CURRENT ERICSSON MODEL RRU'S
GC TO UTILIZE ADAPTER PLATE FOR 4449/8843 RADIOS
REFERENCE MANUFACTURER SPECS FOR INSTALLATION

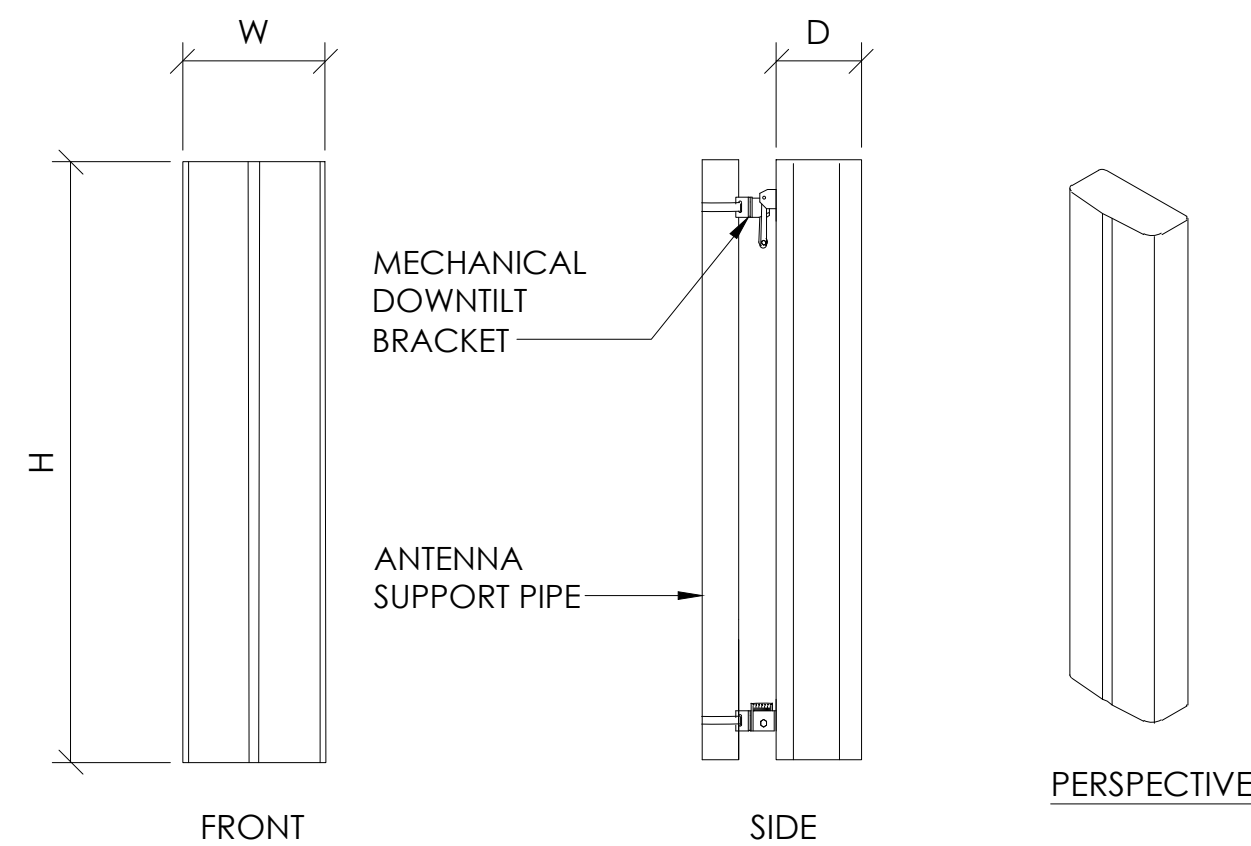
PROPERTY CLASS	
DIAMETER	8.8
M10	36 FT-LBS
M12	63 FT-LBS

(2) (P) SUPPORT ARM, #CD 990585
(4) (P) LOCK NUT M10 A4, DIN 985, #1405
(8) (P) WASHER M10 A4, DIN 125 A, #1308
(8) (P) BOLT M10x30H A4, DIN 933, #2243

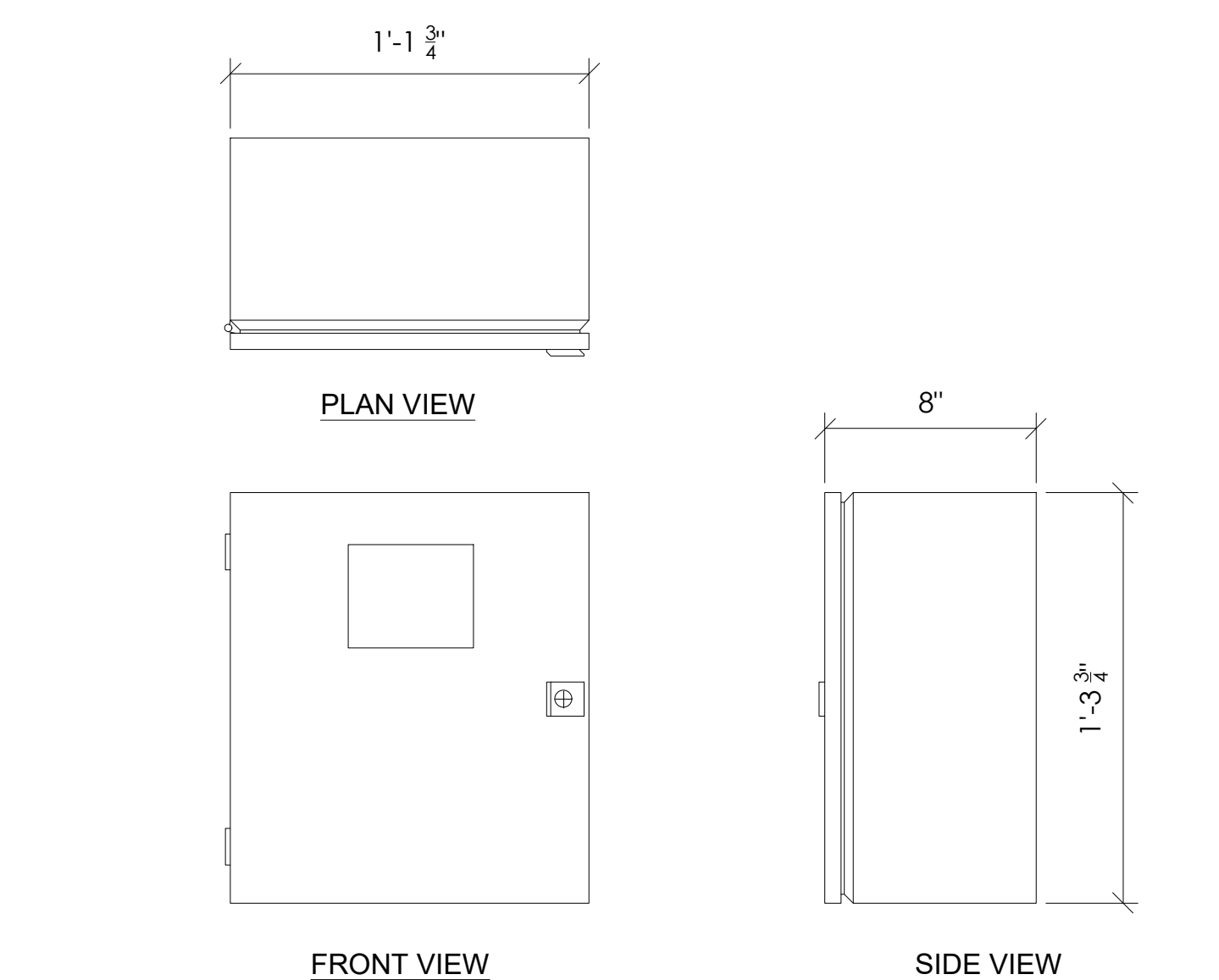
Expansion Dual RRU Support

2 NEW RRU MOUNTING BRACKET (BACK TO BACK)
N.T.S.

SPECIFICATIONS:
MFG / MODEL / PORT: COMMSCOPE / NNH4-65C-R6-V3
DIMENSIONS: 95.984" H X 19.606" W X 7.756" D
WEIGHT: 89.287 LBS (W/O MOUNTING KIT)

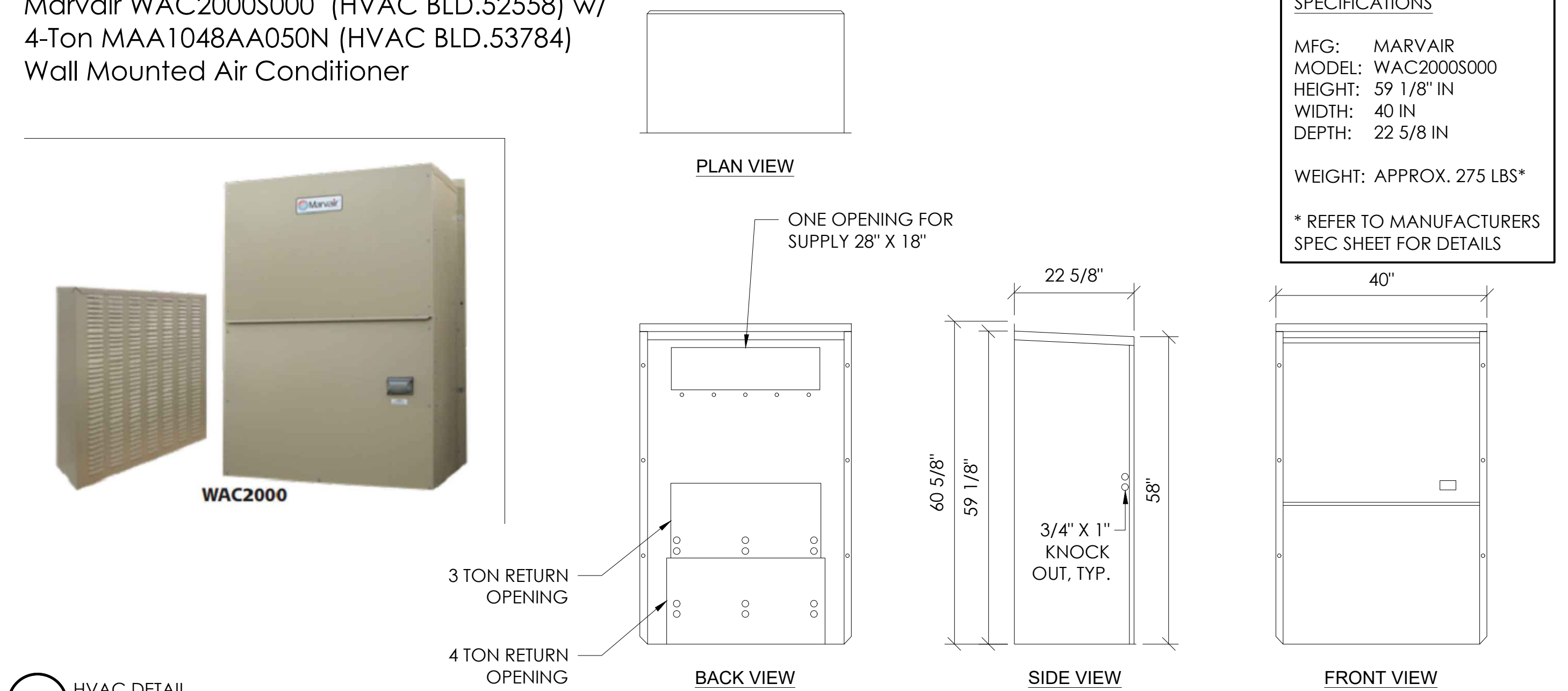


12 ANTENNA SPECIFICATION
N.T.S.



9 COOLINKS 2.0 LEAD LAG CONTROLLER (HVAC BLD.10658) DETAIL
N.T.S.

Marvaair WAC2000S000 (HVAC BLD.52558) w/
4-Ton MAA1048AA050N (HVAC BLD.53784)
Wall Mounted Air Conditioner



6 HVAC DETAIL
N.T.S.

SPECIFICATIONS
MFG: MARVAIR
MODEL: WAC2000S000
HEIGHT: 59 1/8" IN
WIDTH: 40 IN
DEPTH: 22 5/8 IN
WEIGHT: APPROX. 275 LBS*
* REFER TO MANUFACTURERS SPEC SHEET FOR DETAILS

PREPARED FOR

1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:

P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY. STE 210
ROSWELL, GA 30076
OFFICE: (678) 280-2325
PROJECT ID: P-170594

Issued For:
AZL02187
FLAGSTAFF ROOFTOP
123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013

DRAWN BY: MLDV
CHECKED BY: EVR

THE INFORMATION CONTAINED
IN THE SET OF DRAWINGS IS
PROPRIETARY & CONFIDENTIAL
TO AT&T WIRELESS ANY USE OR
DISCLOSURE OTHER THAN AS IT
RELATES TO AT&T WIRELESS IS
STRICTLY PROHIBITED

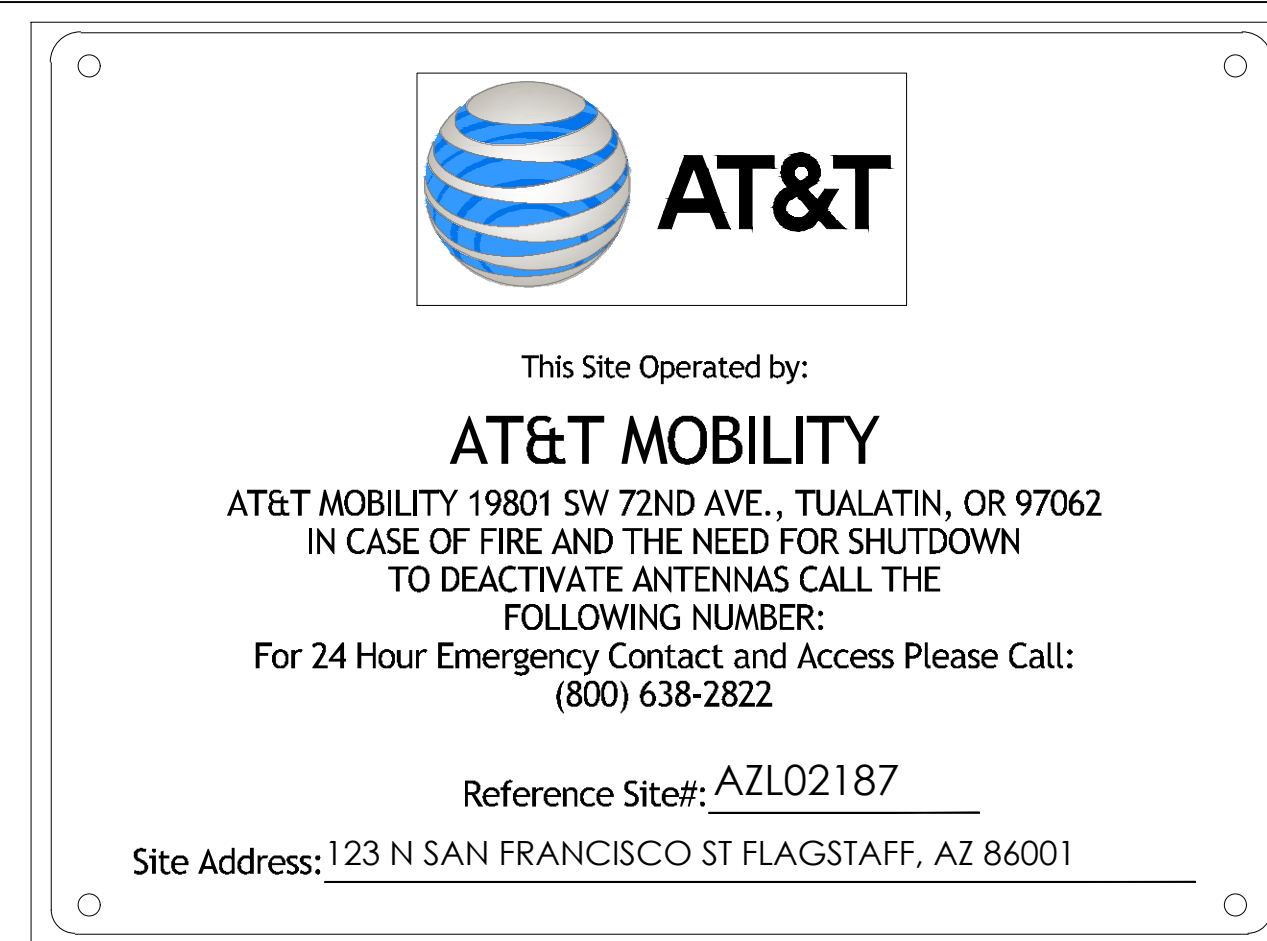
REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

REV	DATE	DESCRIPTION

Licensors:

Sheet Title:
DETAILS

Sheet Number:
D-1



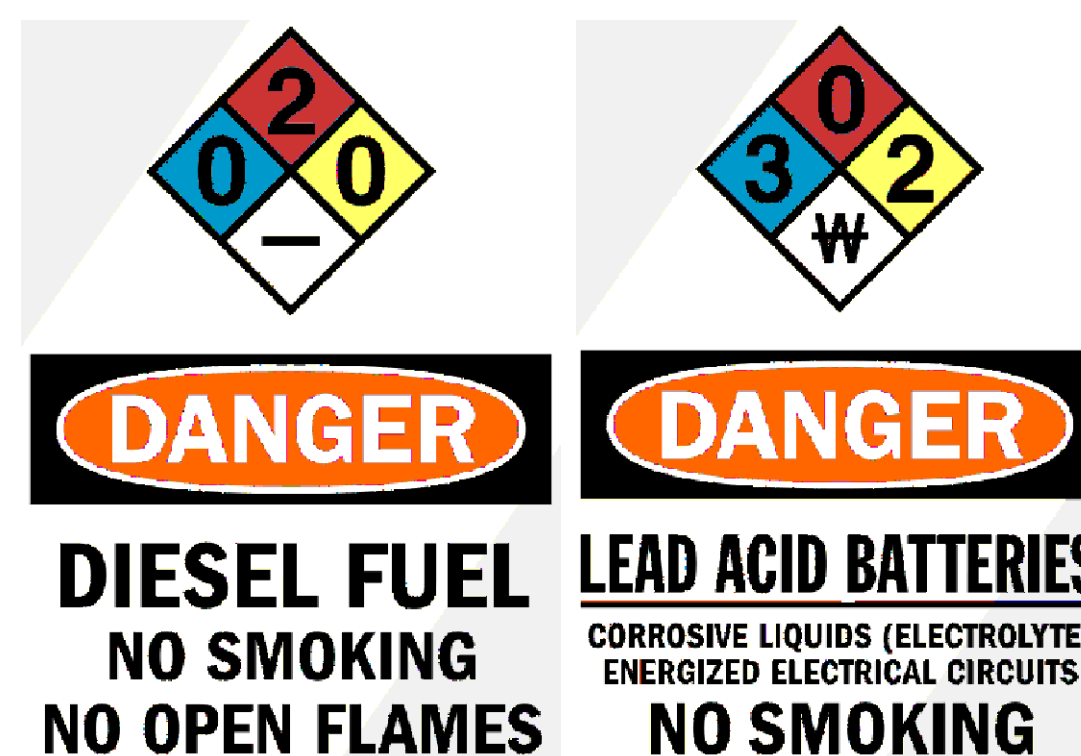
10 FENCED COMPOUND SIGNAGE
 N.T.S.



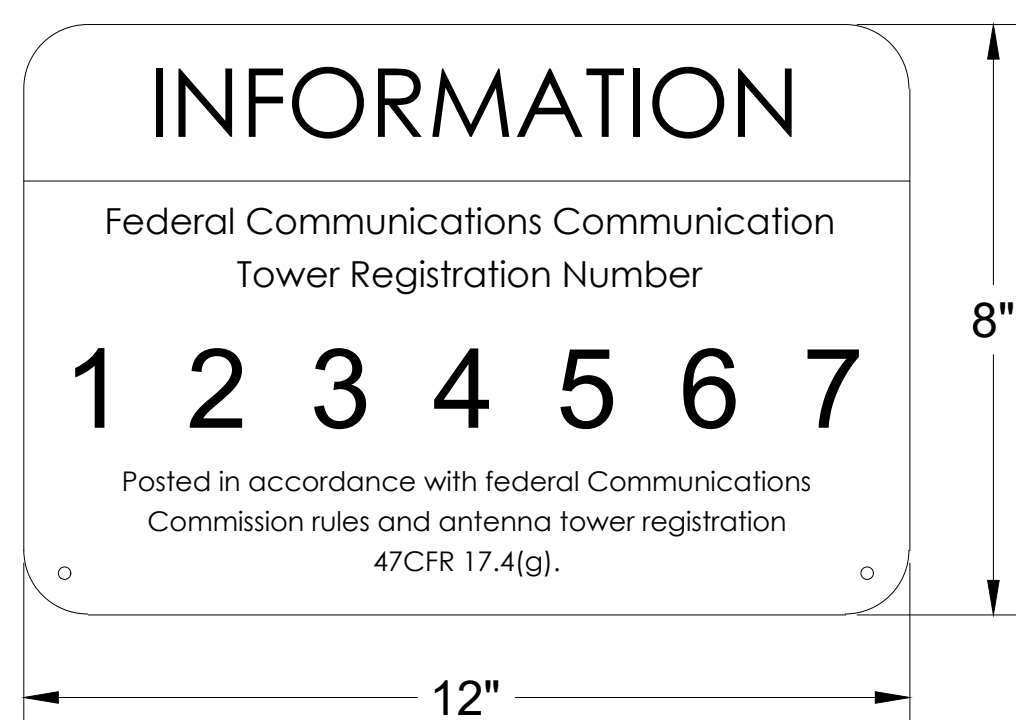
9 FENCED COMPOUND SIGNAGE
 N.T.S.



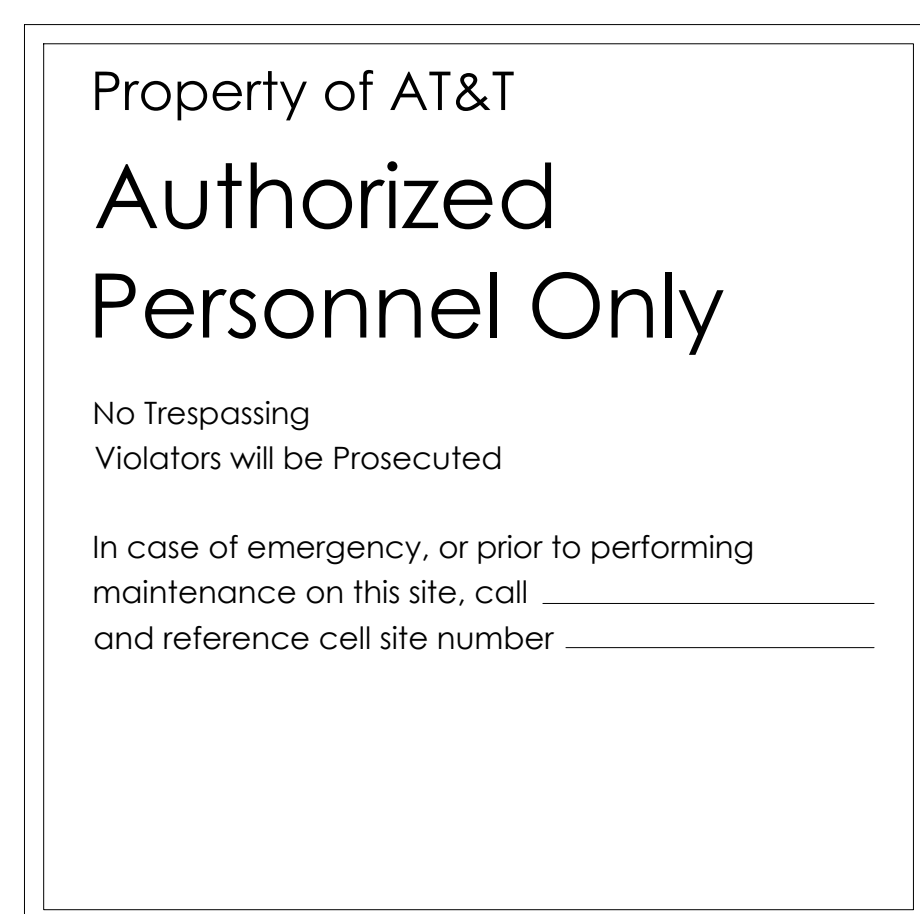
8 DOOR / EQUIPMENT SIGN
 N.T.S.



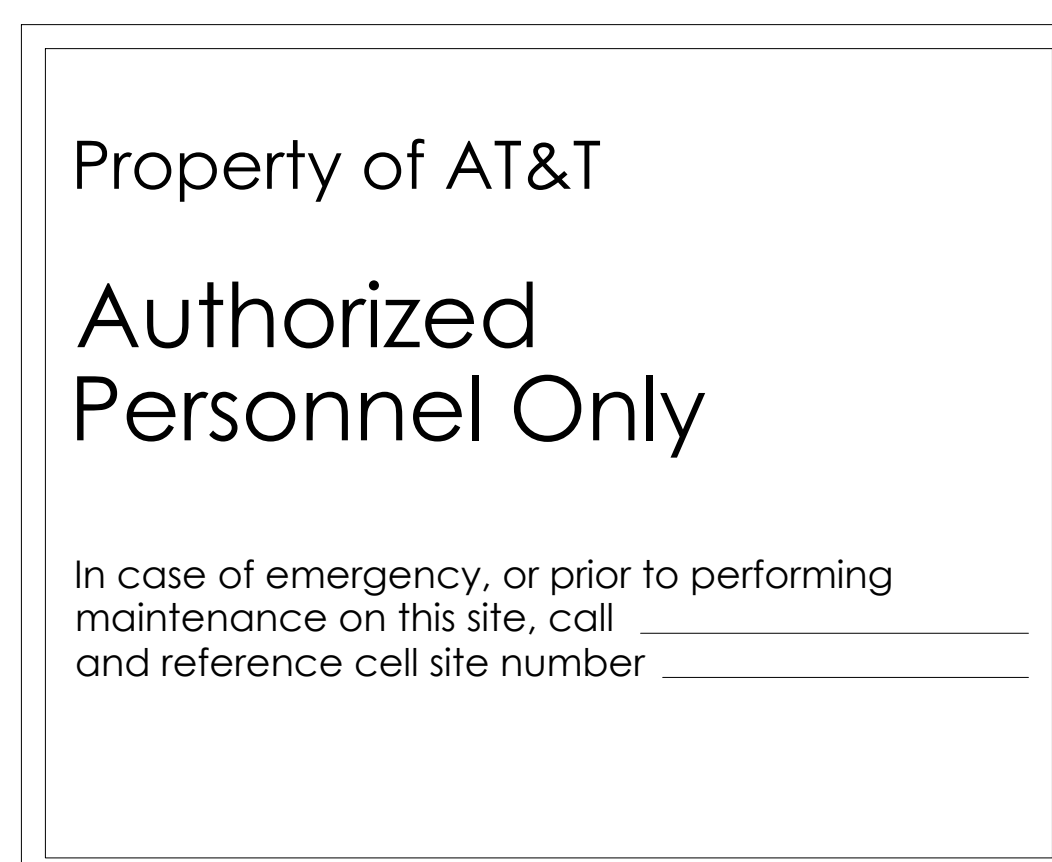
7 NFPA HAZARD SIGN - TYPICAL
 N.T.S.



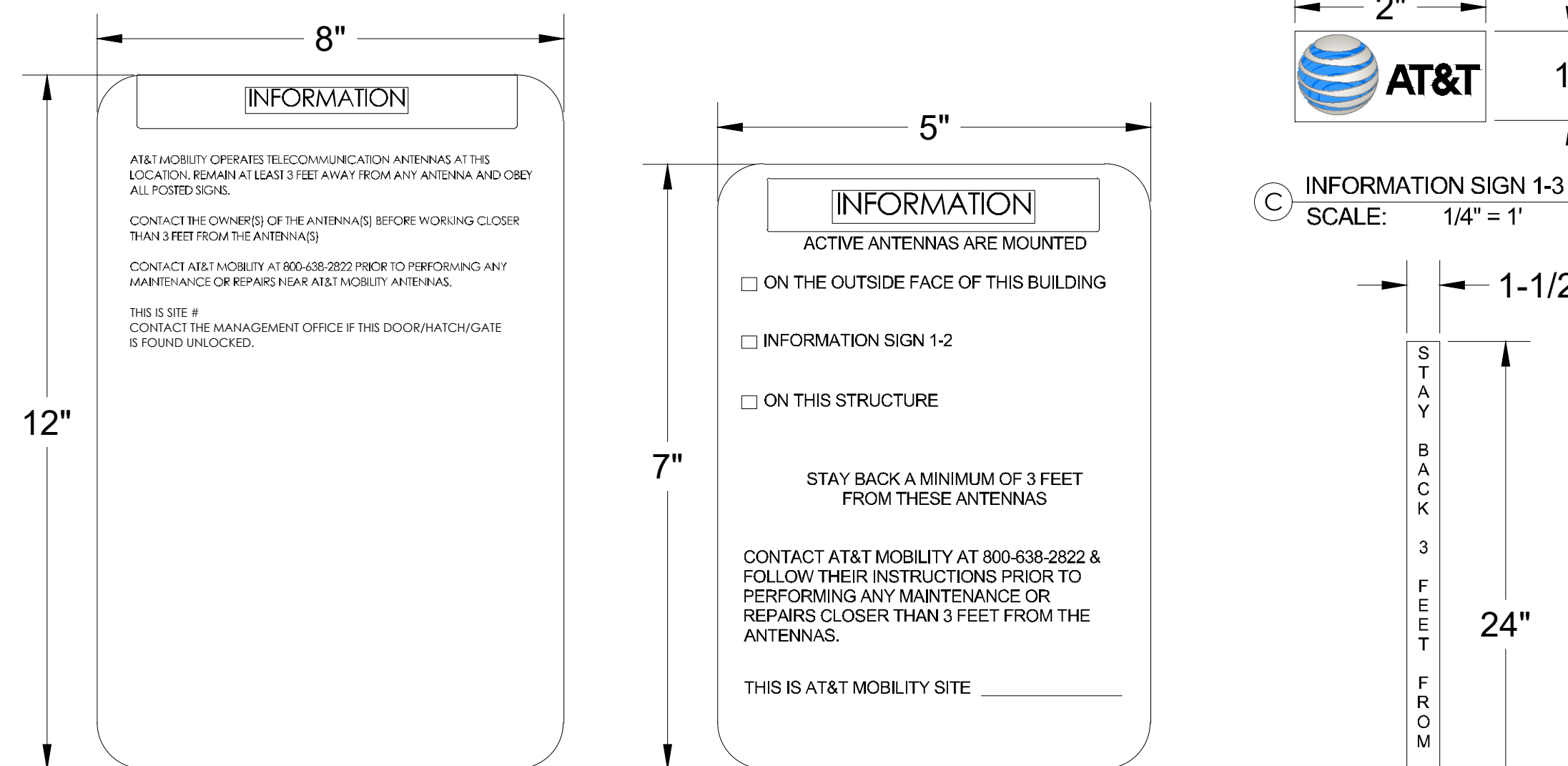
6 FCC ASR SIGNAGE
 N.T.S.



5 GATE SIGNAGE
 N.T.S.



4 SHELTER / CABINET DOORS SIGNAGE
 N.T.S.



A INFORMATION SIGN 1-1
 SCALE: 1/2" = 1'

B INFORMATION SIGN 1-2
 SCALE: 3/4" = 1'

C INFORMATION SIGN 1-3
 SCALE: 1/4" = 1'

D INFORMATION SIGN 1-4
 SCALE: 3/16" = 1'

1. CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE w/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.

2. FABRICATION:

*SIGN 1-1: ENTRANCE DOOR, SEE DETAIL 1A, THIS SHEET

SIGN 1 IS TO BE MADE ON THE 50 MIL ALUMINUM SHEETING (SIZE 8 INCHES BY 12 INCHES) w/ FOUR (4) 1/4 INCH MOUNTING HOLES, ONE EACH CORNER OF THE SIGN FOR MOUNTING w/ HARDWARE w/ TIE WRAPS. THE MAIN BACKGROUND COLOR IS TO BE WHITE FRONT & BACK w/ BLACK LETTERING.

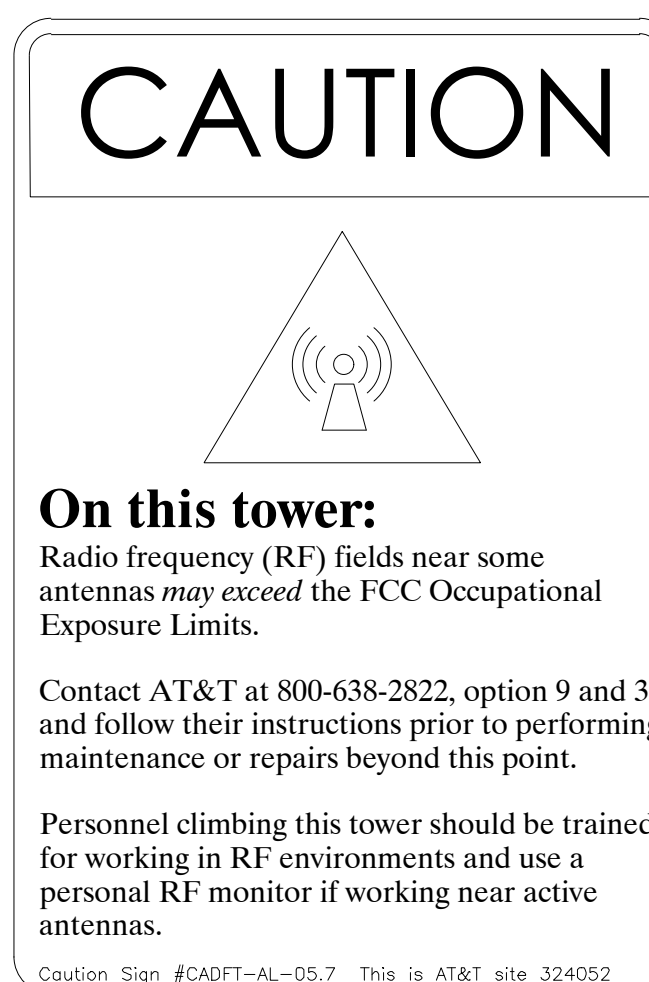
THE INFORMATION BAND SHALL BE 1.2 INCH SOLID GREEN BAND w/ 0.5 INCH HIGH BLACK LETTERING. THE BODY TEXT SHALL BE IN BLACK LETTERING w/0.2 INCH HIGH LETTERS. THE REF LINE SHALL BE IN 1/8 INCH LETTERS.

THE PLACEMENT OF TEXT SHALL BE DONE IN A MANNER THAT WILL PERMIT EASY READING FROM A DISTANCE OF APPROXIMATELY 6 FEET IN FRONT OF THE SIGN.

3 INFORMATION SIGNAGE
 N.T.S.

NOTE:

1. CONTRACTOR SHALL INSTALL ALL INFORMATION SIGNAGE IN ACCORDANCE w/ AT&T WIRELESS DOCUMENT #03-0074, RF EXPOSURE POLICY AND RF SAFETY COMPLIANCE PROGRAM, LATEST EDITION.
2. CONTRACTOR SHALL CONTACT AT&T R-RFSC FOR INFORMATION ON MPE LEVELS AND INSTRUCTIONS ON LEVEL AND LOCATION OF SIGNAGE



2 CAUTION SIGN
 N.T.S.

ALL PAINT WILL BE BAKED w/ENAMEL w/ UV PROTECTIVE COATING OVER THE FACE OF THE SIGN.

*SIGN 1-2: POLE, SEE DETAIL 1B, THIS SHEET

SIGN 2 MUST BE A NON METALLIC LABEL w/ AN ADHESIVE BACKING. THE LABEL SHALL BE MADE USING VINYL OR SIMILAR WEATHERPROOF MATERIAL. THE LABEL SHALL BE APPROXIMATELY 5X7 INCHES w/ A WHITE BACKGROUND AND BLACK LETTERING. THE GREEN BAND SHALL BE 1.375 INCH IN HEIGHT & THE LETTERING SHALL BE BLACK w/ 0.75 INCH HIGH LETTERS. THE TEXT LETTERING SHALL BE BLACK w/ 1/8 INCH HIGH LETTERS. UV PROTECTION SHALL BE PLACED OVER THE FRONT OF THE LABEL.

*SIGN 1-3: BACK OF ANTENNAS, SEE DETAIL 1C & 3, THIS SHEET

*SIGN 3 IS A 1 INCH X 2 INCH PANEL THAT CAN BE APPLIED TO THE BACK OR SIDE OF AN ANTENNA TO IDENTIFY IT AS AN AT&T ANTENNA.

*SIGN 1-4: SIDE OF ANTENNAS, SEE DETAIL 1D & 3, THIS SHEET

SIGN 4 IS MADE FROM TRANSPARENT MATERIAL 1-1/2 INCHES WIDE & 24 INCHES LONG. THE LETTERING IS TO BE BLACK w/ 1/2 INCH LETTERING IN A VERTICAL COLUMN. THE SPACING BETWEEN WORDS MUST BE SUCH THAT IT IS EASILY READ & FILLS THE LENGTH OF THE SIGN.

SIGNAGE AND STRIPING INFORMATION

1. THE FOLLOWING INFORMATION IS A GUIDELINE w/ RESPECT TO PREVAILING STANDARDS LIMITING HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY AND SHOULD BE USED AS SUCH. IF THE SITE'S EMF REPORT OR ANY LOCAL, STATE OR FEDERAL GUIDELINES OR REGULATIONS SHOULD BE IN CONFLICT w/ ANY PART OF THESE NOTES OR PLANS, THE MORE RESTRICTIVE GUIDELINE OR REGULATION SHALL BE FOLLOWED AND OVERRIDE THE LESSER.
2. THE PUBLIC LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 1mWcm² AND THE OCCUPATIONAL LIMIT OF RF EXPOSURE ALLOWED BY AT&T IS 5mWcm²
3. IF THE BOTTOM OF THE ANTENNA IS MOUNTED (8) EIGHT FEET ABOVE THE GROUND OR WORKING PLATFORM LINE OF THE PERSONAL COMMUNICATION SYSTEM (PCS) AND DOES NOT EXCEED THE PUBLIC LIMIT OF RF EXPOSURE LIMIT THEN NO STRIPING OR BARRICADES SHOULD BE NEEDED.
4. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES AND STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
5. IF THE PUBLIC LIMIT OF RF EXPOSURE ON THE SITE IS EXCEEDED AND THE AREA IS PUBLICLY ACCESSIBLE (e.g. ROOF ACCESS DOOR THAT CANNOT BE LOCKED, OR FIRE EGRESS) THEN BOTH BARRICADES AND STRIPING SHALL BE PLACED AROUND THE ANTENNAS. THE EXACT EXTENT OF THE BARRICADES & STRIPING SHALL BE DETERMINED BY THE EMF REPORT FOR THE SITE DONE BEFORE OR SHORTLY AFTER COMPLETION OF SITE CONSTRUCTION. USE THE PLANS AS A GUIDELINE FOR PLACEMENT OF SUCH BARRICADES AND STRIPING.
6. ALL TRANSMIT ANTENNAS REQUIRE A THREE LANGUAGE WARNING SIGN WRITTEN IN ENGLISH, SPANISH, AND CHINESE. THIS SIGN SHALL BE PROVIDED TO THE CONTRACTOR Y THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION. THE LARGER SIGN SHALL BE PLACED IN PLAIN SIGHT AT ALL ROOF ACCESS LOCATIONS AND ON ALL BARRICADES. THE SMALLER SIGN SHALL BE PLACED ON THE ANTENNA ENCLOSURES IN A MANNER THAT IS EASILY SEEN BY ANY PERSON ON THE ROOF. WARNING SIGNS SHALL COMPLY w/ ANSI C95.2 COLOR, SYMBOL, AND CONTENT CONVENTIONS. ALL SIGNS SHALL HAVE AT&T'S NAME AND THE COMPANY CONTACT INFORMATION (e.g. TELEPHONE NUMBER) TO ARRANGE FOR ACCESS TO THE RESTRICTED AREAS. THIS TELEPHONE NUMBER SHALL BE PROVIDED TO THE CONTRACTOR BY THE AT&T CONSTRUCTION PROJECT MANAGER AT THE TIME OF CONSTRUCTION.
7. PHOTOS OF ALL STRIPING, BARRICADES & SIGNAGE SHALL BE PART OF THE CONTRACTORS CLOSE OUT PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PACKAGE & SHALL BE TURNED INTO THE AT&T CONSTRUCTION PROJECT MANAGER AT THE END OF CONSTRUCTION. STRIPING SHALL BE DONE w/ FADE RESISTANT YELLOW SAFETY PAINT IN A CROSS-HATCH PATTERN AS DETAILED BY THE CONSTRUCTION DRAWINGS. ALL BARRICADES SHALL BE MADE OF AN RF FRIENDLY MATERIAL SO AS NOT TO BLOCK OR INTERFERE w/ THE OPERATION OF THE ANTENNAS. BARRICADES SHALL BE PAINTED w/ FADE RESTRAINT YELLOW SAFETY PAINT. THE CONTRACTOR SHALL PROVIDE ALL RF FRIENDLY BARRICADES NEEDED, & SHALL PROVIDE THE AT&T CONSTRUCTION PROJECT MANAGER w/ A DETAILED SHOP DRAWING OF EACH BARRICADE. UPON CONSTRUCTION COMPLETION.

1 GENERAL NOTES
 N.T.S.



DRAWN BY: MLDV
 CHECKED BY: EVR

THE INFORMATION CONTAINED
 IN THE SET OF DRAWINGS IS
 PROPRIETARY & CONFIDENTIAL
 TO AT&T. WIRELESS ANY USE OR
 DISCLOSURE OTHER THAN AS IT
 RELATES TO AT&T WIRELESS IS
 STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

REV	DATE	DESCRIPTION

Licensors:

Sheet Title:
SITE SIGNAGE

Sheet Number:
D-3

EnerSys SAFETY DATA SHEET **HAWKER** Form #: SDS 853026
 Revised: AB
 Supersedes: AA (06-16-10)
 DCO #: 1001828

TSCA:
 TSCA Section 86 - Inventory Status: All chemicals comprising this product are either exempt or listed on the TSCA Inventory.
 TSCA Section 12b (40 CFR Part 707.60(b)): No notice of export will be required for articles, except PCB articles, unless the Agency so requires in the context of individual sections 5, 6 or 7 articles.
 TSCA Section 13 (40 CFR Part 707.20): No import certification required (EPA 309-B-99-001, June 1999, Introduction to the Chemical Import Requirements of the Toxic Substances Control Act, Section IV.A).

RCRA:
 Spent Lead Acid Batteries are subject to streamlined handling requirements when managed in compliance with 40 CFR sections 266.80 or 40 CFR part 273. Waste sulfuric acid is a characteristic hazardous waste, EPA hazardous waste number D002 (corrosivity) and D006 (lead).

CAA:
 EnerSys supports preventative actions concerning ozone depletion in the atmosphere due to emission of CFCs and other ozone depleting chemicals (ODCs), defined by the USEPA as Class I substances. Pursuant to Section 601 of the Clean Air Act Amendments (CAAA) of 1990, finalized on January 19, 1993, EnerSys established a policy to eliminate the use of Class I ODCs prior to the May 15, 1993 deadline.

STATE REGULATIONS (US):
Transition 66:
 Warning: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. Wash hands after handling.
INTERNATIONAL REGULATIONS:
 Distribution into Quebec to follow Canadian Controlled Product Regulations (CPR) 24(1) and 24(2).
 Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as sold.

ENVIRONMENTAL INFORMATION:
 Revised: AB (04-25-17)

NFPA Hazard Rating for Sulfuric Acid:
 Reactivity (Yellow) = 2
 Health (Blue) = 3
 Sulfuric acid is water-reactive if concentrated.

DISCLAIMER:
 This Safety Data Sheet is created by the manufacturer to comply with the requirements of 39 CFR 1910.1200. To the extent allowed by law, the manufacturer hereby expressly disclaims any liability to any third party, including users of this product, including, but not limited to, consequential or other damages, arising out of the use of, or reliance on, this Safety Data Sheet.

PowerSafe SBS Front and Top Terminal
 Telecommunications NEBS™ Compliant*

Battery Performance Specifications

Visit us at www.enerSys.com

EnerSys RESERVE POWER

*NEBS™ Compliance SDS-Cone
 Includes the following SDS: SBS 810, SBS 814, SBS C11, SBS 145, SBS 196, SBS 170, SBS 190, SBS 100, SBS 100F and SBS 118F
 Publication No. US-SBS-PS-AD January 2017

BATTERY STRING CALCULATIONS

- (4) BATTERIES PER STRING (CONNECTED IN SERIES)
- 190Ah PER BATTERY (190Ah PER STRING FROM (4) BATTERIES IN SERIES)
- 12 VOLTS PER BATTERY (48V PER STRING FROM (4) BATTERIES IN SERIES)

190Ah X 48V / 1000 = 9.12kWh PER STRING (8) TOTAL STRINGS = 72.96kWh

SBS 170F BATTERY SPECS (1 UNIT)

LENGTH = 22.1"
 WIDTH = 4.92"
 HEIGHT = 11.1"
 WEIGHT = 116 LBS

SBS 190F BATTERY SPECS (1 UNIT)

LENGTH = 22.1"
 WIDTH = 4.92"
 HEIGHT = 12.4"
 WEIGHT = 132 LBS

PowerSafe SBS

Features and Benefits

- Capacity range 7-361Ah
- 8V and 12V monobloc configurations
- Multiple string configurations available
- Two-year shelf life
- SA-4228 compliant
- Proven long service life
- High energy density and cycling capability

Construction

- Utilizes Thin Plate Pure Lead (TPPL) technology. Thin positive grids are produced from high purity lead from a unique manufacturing process to maximize corrosion resistance and service life while increasing energy density.
- Separators are Absorbent Glass Mat (AGM) made from high purity, superior quality fluors. The electrolyte is absorbed within the AGM, preventing acid spills in case of accidental damage.
- Electrolyte is produced from extremely high purity acid to reduce self discharge rates and float currents.
- Container and cover in flame retardant UL94-V0 material, highly resistant to shock and vibration.
- Front terminal batteries use tin-plated copper terminals. Top terminal batteries use a copper alloy insert.
- Self-regulating one way pressure relief valves prevent ingress of atmospheric oxygen.

Installation and Operation

- Space efficient footprint
- Valve Regulated Lead Acid (VRLA) design reduces maintenance requirements
- Lifting handles for easy handling
- Greater than 10 year life expectancy in float service at 77°F (25°C)
- TPPL technology provides increased active material surface area which yields increased energy density
- Operating temperature: -40°F (-40°C) to 122°F (50°C)
 Recommended temperature: 68°F (20°C) to 88°F (30°C)

Standards

- Approved as non-hazardous cargo for ground, sea and air transportation in accordance with US DOT Regulation 49 and ICAO & IATA Packing Instruction 806. Please see our SDS for complete details at www.enerSys.com
- Complies with Telcordia® SR-4228, Network Equipment Building System (NEBS™) Criteria Levels
- The management systems governing the manufacture of this product are ISO 9001:2008 and ISO 14001:2004 certified

General Specifications

Battery Type	Number of Cells	Nominal Voltage (V)	Nominal Capacity			Nominal Dimensions			Typical Weight (lbs)	Short Circuit Current (Amps)	Internal Resistance (mΩ)	Electrolyte (per cell)			Pre Acid (per cell)			Lead Weight (lbs)							
			1hr Rate @ 25°C	1hr Rate @ 20°C	1hr Rate @ 15°C	Length (in)	Width (in)	Height (in)				Volume (per cell)	Weight (per cell)	Volume (per cell)	Weight (per cell)										
SBS 8*	6	12	7	7	5.43	138	3.33	86.0	3.90	93.0	5.55	2.70	455	27.1	M6 F	0.10	0.38	1.08	0.49	0.03	0.11	0.43	0.18	4.26	1.93
SBS 15	6	12	14	14	7.87	200	3.60	77.0	5.51	140	11.5	6.20	891	13.5	M6 M	0.20	0.75	2.14	0.87	0.06	0.21	0.86	0.38	7.83	3.56
SBS 30	6	12	26	26	9.84	250	3.82	97.0	6.14	156	20.3	9.50	1566	7.90	M6 M	0.40	1.51	4.33	1.85	0.11	0.43	1.72	0.78	15.5	7.04
SBS H30	6	12	26	26	9.84	250	3.82	97.0	6.14	156	21.2	9.60	1566	7.90	harness	0.40	1.51	4.33	1.85	0.11	0.43	1.72	0.78	15.5	7.04
SBS 40	6	12	38	38	9.84	250	3.82	97.0	8.11	206	29.1	13.2	2184	5.60	M6 M	0.58	2.23	6.29	2.90	0.17	0.63	2.53	1.15	21.2	9.51
SBS 60	6	12	51	51	9.86	220	4.76	121	10.3	261	40.8	18.5	2918	4.40	M6 M	0.85	3.22	9.21	4.17	0.24	0.91	3.85	1.85	29.1	13.2
SBS 110	3	6	118	118	7.87	200	6.19	208	8.41	239	46.7	21.2	3804	1.70	M6 M	0.95	3.60	10.3	4.67	0.27	1.01	4.08	1.86	31.6	14.3
SBS 130	3	6	130	130	7.87	200	6.19	208	8.41	239	50.0	22.7	4111	1.40	M6 M	0.98	3.70	10.5	4.80	0.28	1.04	4.20	1.90	34.2	16.5
SBS 300	1	2	307	310	7.87	200	6.19	208	8.41	239	47.8	21.7	8700	0.28	M6 M	0.95	3.60	10.3	4.67	0.27	1.01	4.08	1.86	31.9	14.5
SBS 300	1	2	361	360	7.87	200	6.19	208	8.41	239	51.1	23.2	11101	0.18	M6 M	0.90	3.39	9.70	4.40	0.26	0.95	3.85	1.75	34.7	15.7
SBS J13	6	12	12	12	6.88	175	3.27	83.0	5.08	129	11.5	5.20	957	13.0	M6 F	0.18	0.69	1.95	0.88	0.05	0.19	0.77	0.35	6.11	3.08
SBS J16	6	12	15	15	7.13	181	2.99	76.0	6.57	167	14.8	6.70	1111	11.0	M6 F	0.23	0.87	2.49	1.13	0.06	0.25	0.99	0.45	11.0	5.00
SBS J30	6	12	26	26	6.54	166	6.89	175	4.92	125	26.0	11.8	1266	7.00	M6 F	0.30	1.48	4.22	1.92	0.11	0.42	1.88	0.76	18.1	8.19
SBS J40	6	12	39	39	7.76	197	6.50	165	6.89	170	35.1	15.9	2400	5.20	M6 F	0.51	2.31	6.61	3.00	0.17	0.65	2.52	1.19	27.6	12.5
SBS J70	6	12	64	64	13.0	325	6.54	166	6.85	174	68.8	27.6	3500	3.50	M6 F	0.98	3.71	10.5	4.81	0.28	1.04	4.21	1.91	44.4	20.2
SBS B6*	6	12	31	31	11.0	280	3.82	97.0	6.26	169	22.7	10.3	1270	10.0	M6 F	0.37	1.42	4.05	1.84	0.11	0.40	1.61	0.73	15.6	7.08
SBS B10*	6	12	38	38	11.0	280	3.82	97.0	7.24	184	26.0	11.8	1390	9.00	M6 F	0.48	1.80	5.15	2.34	0.13	0.51	2.04	0.93	17.7	8.03
SBS B14*	6	12	62	62	11.0	280	3.82	97.0	10.4	264	42.1	19.1	1800	7.00	M6 F	0.78	2.95	8.45	3.83	0.22	0.83	3.35	1.52	28.6	13.4
SBS C11*	6	12	91	92	15.6	395	4.13	105	10.4	264	61.7	28.0	2300	5.00	M6 F	1.29	4.85	13.9	6.29	0.36	1.36	5.50	2.49	43.3	19.7
SBS 100*	6	12	100	100	15.6	395	4.25	108	11.3	287	71.9	32.6	2210	5.00	M6 F	1.34	5.09	14.6	6.80	0.38	1.43	5.77	2.62	49.7	22.6
SBS 145*	6	12	145	145	16.9	429	6.77	172	9.37	238	105	47.6	4100	3.00	M6 F	2.21	8.37	23.9	10.9	0.52	2.35	9.49	4.31	79.5	36.1
SBS B8*	6	12	31	31	11.9	303	3.82	97.0	6.26	169	22.7	10.3	1270	10.0	M6 M	0.37	1.42	4.05	1.84	0.11	0.40	1.61	0.73	15.6	7.08
SBS B10*	6	12	38	38	11.9	303	3.82	97.0	7.24	184	29.2	12.8	1390	9.00	M6 M	0.48	1.80	5.15	2.34	0.13	0.51	2.04	0.93	17.7	8.03
SBS B14*	6	12	62	62	11.9	303	3.82	97.0	10.4	264	42.0	19.1	1800	7.00	M6 M	0.78	2.95	8.45	3.83	0.22	0.83	3.35	1.52	28.6	13.4
SBS C11*	6	12	91	92	16.4	417	4.13	105	10.1	256	61.6	27.9	2300	5.00	M6 M	1.29	4.85	13.9	6.29	0.36	1.36	5.50	2.49	43.3	19.7
SBS 100*	6	12	100	100	15.6	395	4.25	108	11.3	287	71.9	32.6	2210	5.00	M6 M	1.34	5.09	14.6	6.80	0.38	1.43	5.77	2.62	49.7	22.6
SBS 112*	6	12	112	112	22.1	561	4.52	125	12.4	316	90.4	41.0	2500	6.00	M6 M	1.71	6.48	18.5	8.41	0.48	1.82	7.35	3.54	59.8	26.9
SBS 145*	6	12	145	145	17.8	452	6.77	172	10.8	274	116	52.8	3700	3.00	M6 M	2.25	8.51	24.3	11.3	0.83	2.99	9.86	4.38	72.4	32.8
SBS 165*	6	12	165	165	17.8	452	6.77	172	10.8	274	116	52.8	3700	3.00	M6 M	2.45	9.27	26.5	12.0	0.64	2.42	9.72	4.41	82.7	37.5
SBS 170*	6	12	170	170	22.1	561	4.52	125	11.1	283	118	52.5	3400	4.00	M6 M	2.09	7.92	22.7	10.3	0.59	2.23	8.85	4.08	82.0	37.2
SBS 196*	6	12	190	190	22.1	561	4.52	125	12.4	316	132	60.0	3800	3.30	M6 M	2.34	8.85	25.3	11.5	0.65	2.49	10.1	4.56	95.8	43.4

*NEBS Compliance SDS-Cone
 *NEBS values are for reference only and not intended to represent an electric value or base line measurement.

INSTALL STATUS	BATTERY MODEL	TOTAL # OF BATTERY UNITS INSTALLED (EA)	TOTAL ELECTROLYTE VOLUME (GALLONS) PER UNIT	TOTAL ELECTROLYTE WEIGHT (LBS) PER UNIT	TOTAL SULFURIC ACID VOLUME (GALLONS) PER UNIT	TOTAL SULFURIC ACID WEIGHT (LBS) PER UNIT	% SULFURIC ACID BY VOLUME =	TOTAL SULFURIC ACID	TOTAL # OF UNITS x TOTAL SULFURIC ACID VOLUME/UNIT	% SULFURIC ACID BY WEIGHT =	TOTAL SULFURIC ACID	TOTAL # OF UNITS x TOTAL SULFURIC ACID WEIGHT/UNIT	TOTAL ELECTROLYTE BY VOLUME (GALLONS) =	TOTAL # OF UNITS x TOTAL ELECTROLYTE VOLUME/UNIT	TOTAL ELECTROLYTE BY WEIGHT (LBS) =	TOTAL # OF UNITS x TOTAL ELECTROLYTE WEIGHT/UNIT
								BY VOLUME =			BY WEIGHT =					
PROPOSED	ENERSYS POWER SAFE - SBS 170F	32	2.09	22.7	0.59	8.99	28.23%	18.88	39.60%	287.68	66.88	726.40				
TOTAL	N/A	32	2.09	22.7	0.59	8.99	N/A	18.88	N/A	287.68	66.88	726.40				

PREPARED FOR
AT&T
 1355 W. UNIVERSITY
 MESA, ARIZONA 85201

Vendor:
PM&A
 P. MARSHALL & ASSOCIATES
 A CENTERLINE COMMUNICATIONS COMPANY
 1000 HOLCOMB WOODS PKWY, STE 210
 ROSWELL, GA 30076
 OFFICE: (678) 280-2325
 PROJECT ID: P-170594

Issued For:
AZL02187
 FLAGSTAFF ROOFTOP
 123 N SAN FRANCISCO ST
 FLAGSTAFF, AZ 86001
 PARCEL ID: 10119013
 USID: 324052
 FA CODE: 14623976

DRAWN BY: MLDV
 CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

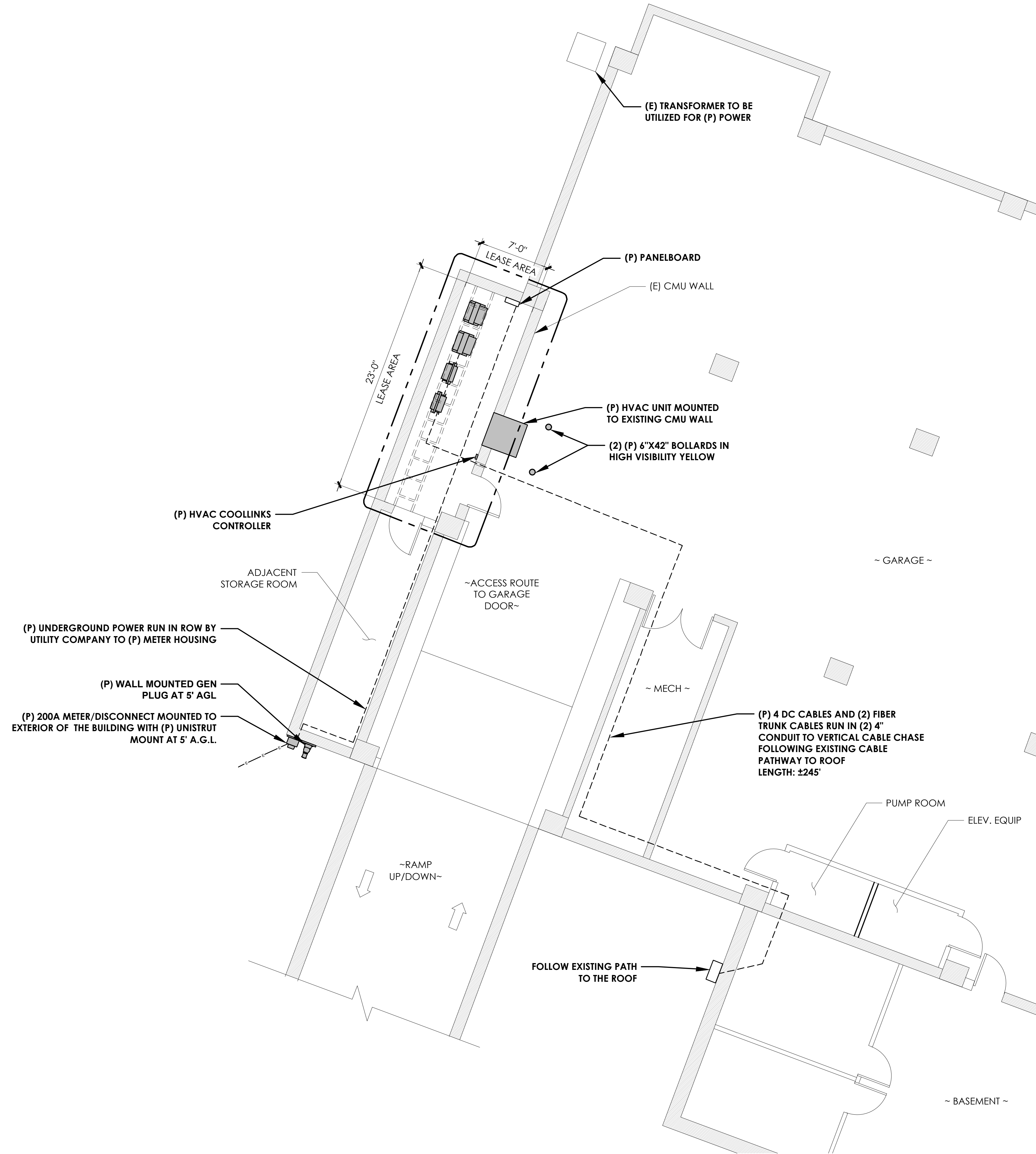
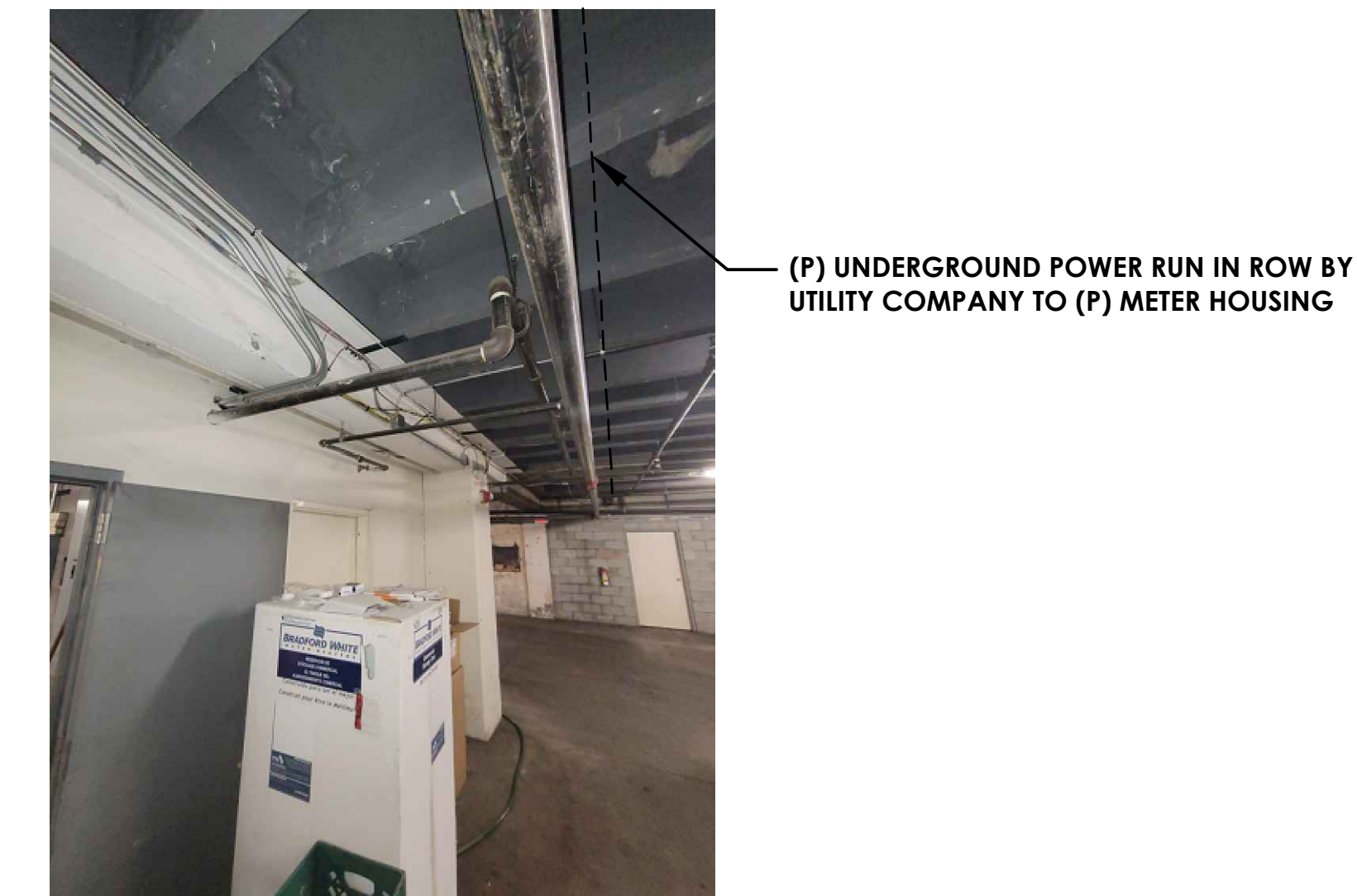
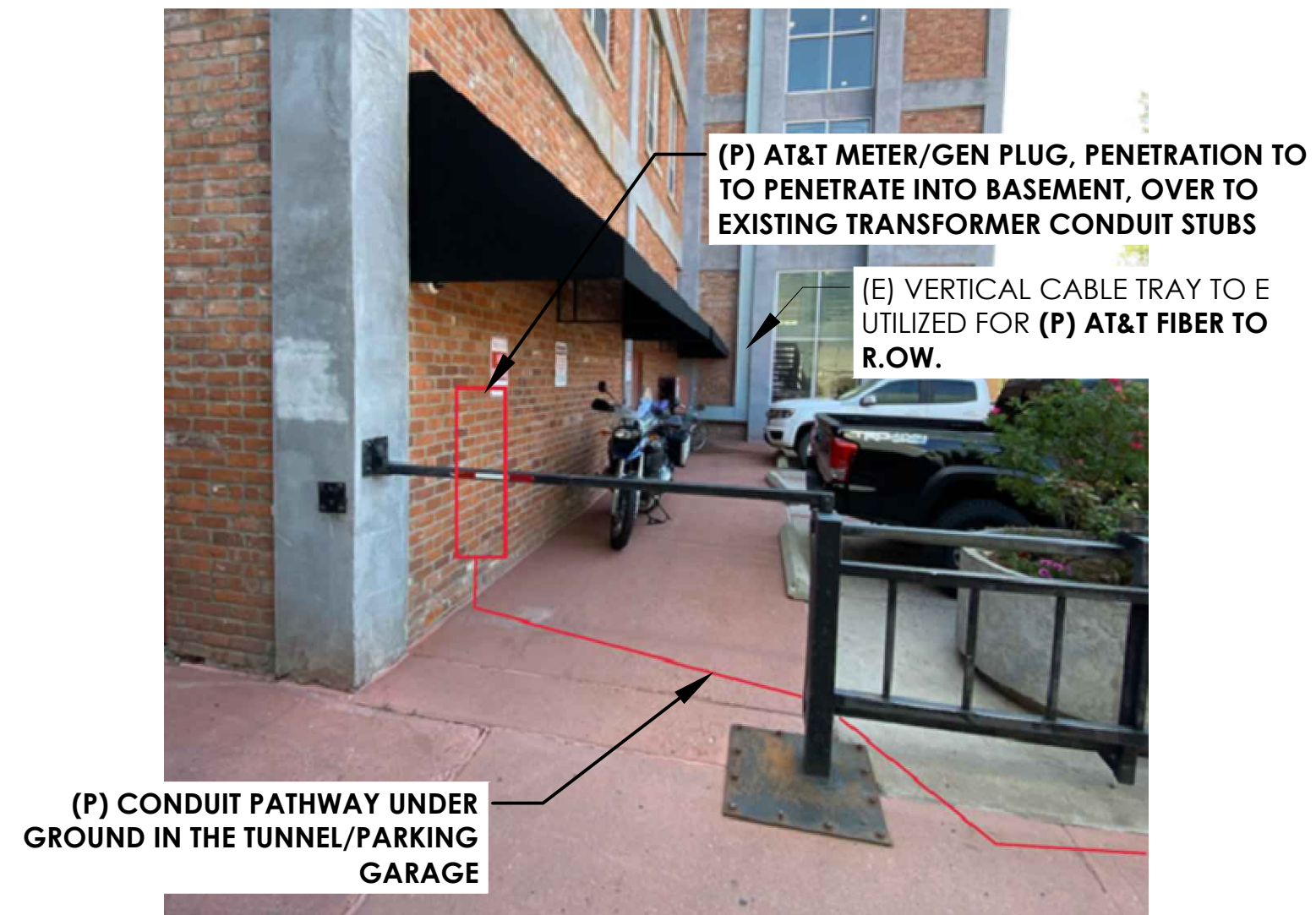
REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

REV DATE DESCRIPTION

Licensors:

Sheet Title:
MATERIAL SAFETY DATA SHEET & LEAD ACID BATTERY -2

Sheet Number:
D-4



PREPARED FOR



1355 W. UNIVERSITY
MESA, ARIZONA 85201

Vendor:



P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY, STE. 210
ROSWELL, GA 30076
OFFICE: (678) 280-2325

PROJECT ID: P-170594

Issued For:

AZL02187
FLAGSTAFF ROOFTOP

123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013

USID: 324052
FA CODE: 14623976

DRAWN BY: MLDV

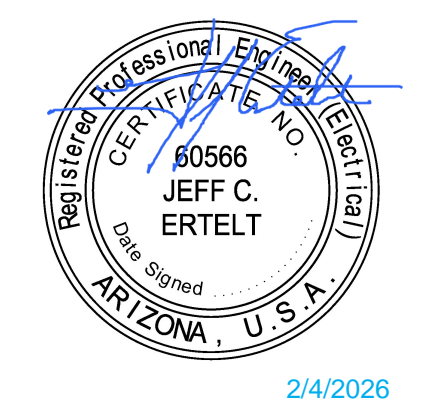
CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T. WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	01/30/26	100% CD

REV	DATE	DESCRIPTION
-----	------	-------------

Licensors:

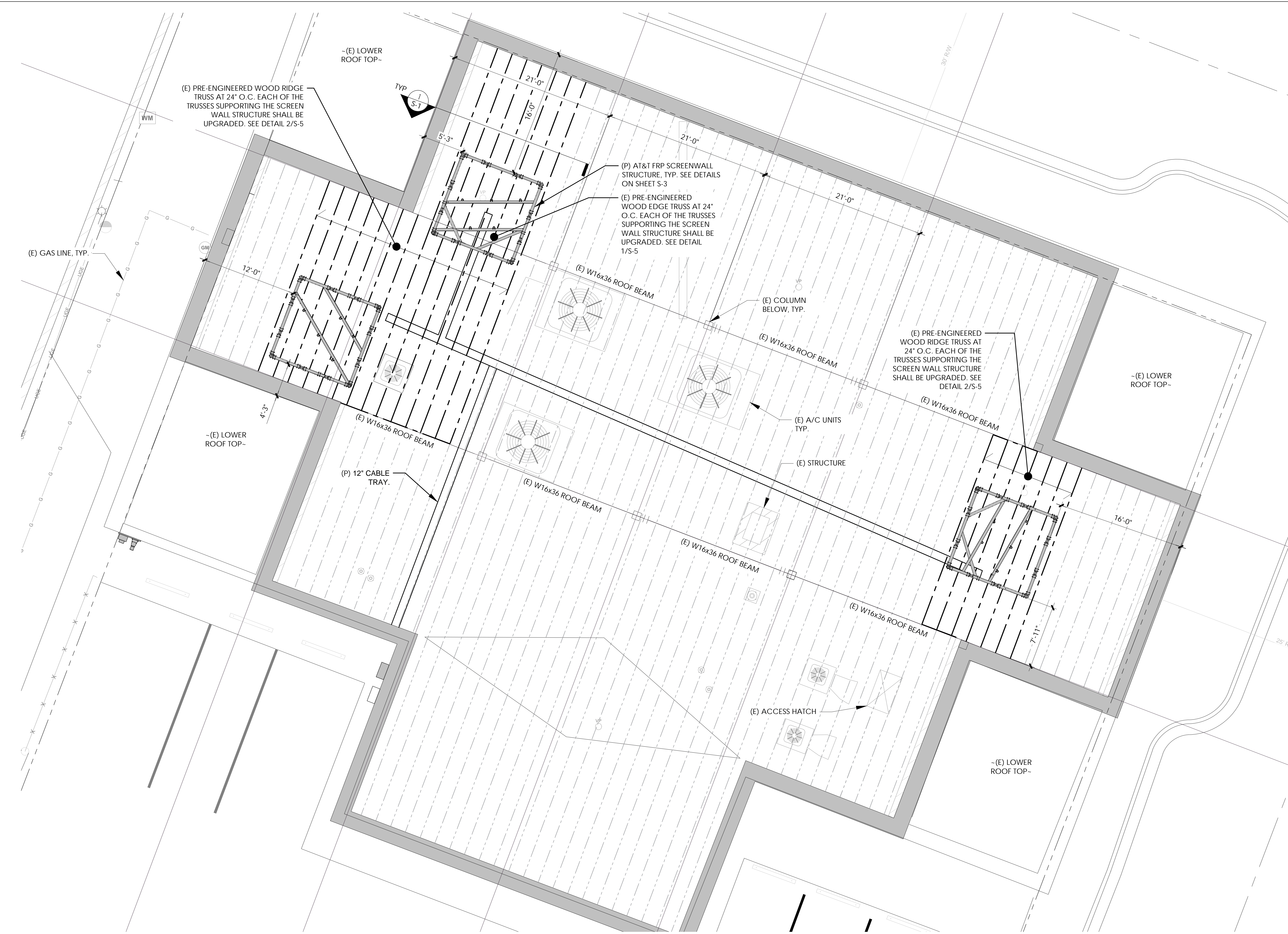



Sheet Title:

UTILITY SITE PLAN

Sheet Number:

E-1



PREPARED FOR

 NEW CINGULAR WIRELESS PCS, LLC ("AT&T")
 19801 SW 72ND AVE., STE. 200
 TUALATIN, OR 97062

Vendor:

 P. MARSHALL & ASSOCIATES
 A CENTERLINE COMMUNICATIONS COMPANY
 1000 HOLCOMB WOODS PKWY, STE. 210
 ROSWELL, GA 30076
 OFFICE: (678) 280-2325
 J5 PROJECT ID: P-077228

Issued For:
AZL02187
 FLAGSTAFF ROOFTOP
 123 N SAN FRANCISCO ST
 FLAGSTAFF, AZ 86001
 PARCEL ID: 10119013
 USID: 324052
 FA CODE: 14623976

DRAWN BY: RJD
 CHECKED BY: EVR

THE INFORMATION CONTAINED
 IN THE SET OF DRAWINGS IS
 PROPRIETARY & CONFIDENTIAL
 TO AT&T WIRELESS ANY USE OR
 DISCLOSURE OTHER THAN AS IT
 RELATES TO AT&T WIRELESS IS
 STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	1/29/26	100% CD

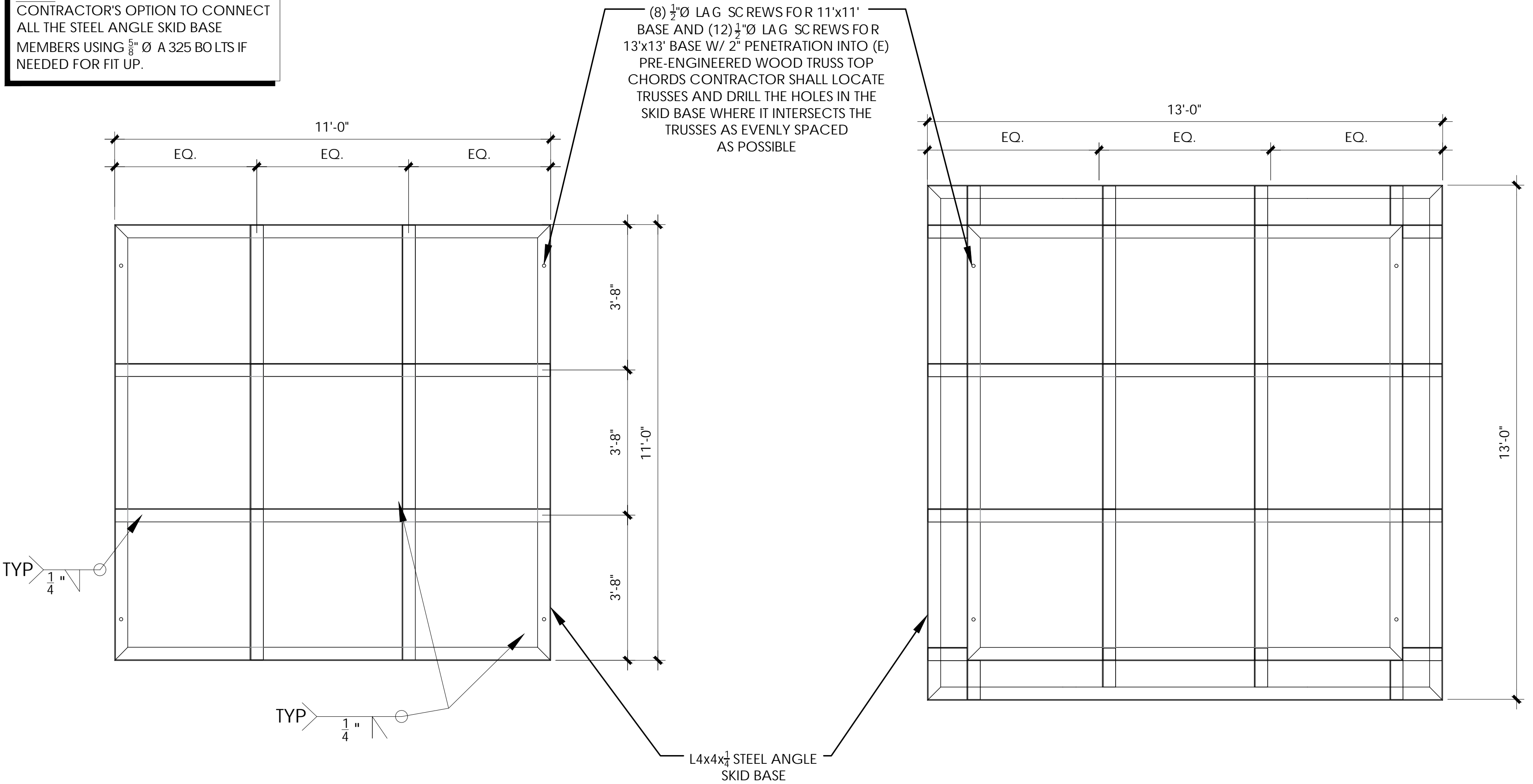
REV	DATE	DESCRIPTION

Licensor:

Sheet Title:
**(P) SCREENWALL
 PLAN**

Sheet Number:
S-2

NOTE:
CONTRACTOR'S OPTION TO CONNECT ALL THE STEEL ANGLE SKID BASE MEMBERS USING $\frac{3}{8}$ " ϕ A 325 BOLTS IF NEEDED FOR FIT UP.

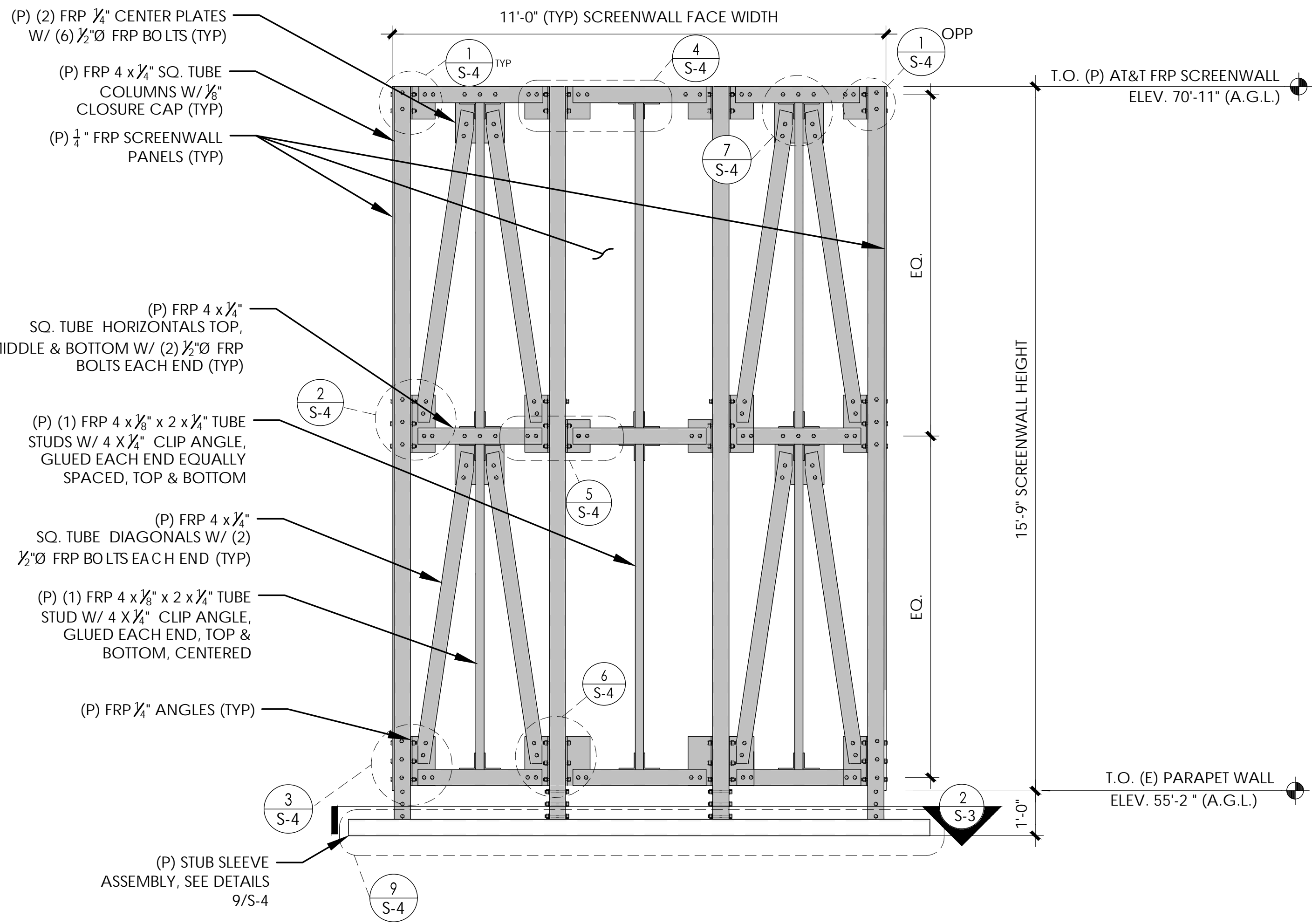


STEEL ANGLE SKID BASE PLANS

24"x36" SCALE: 1/2" = 1'-0"

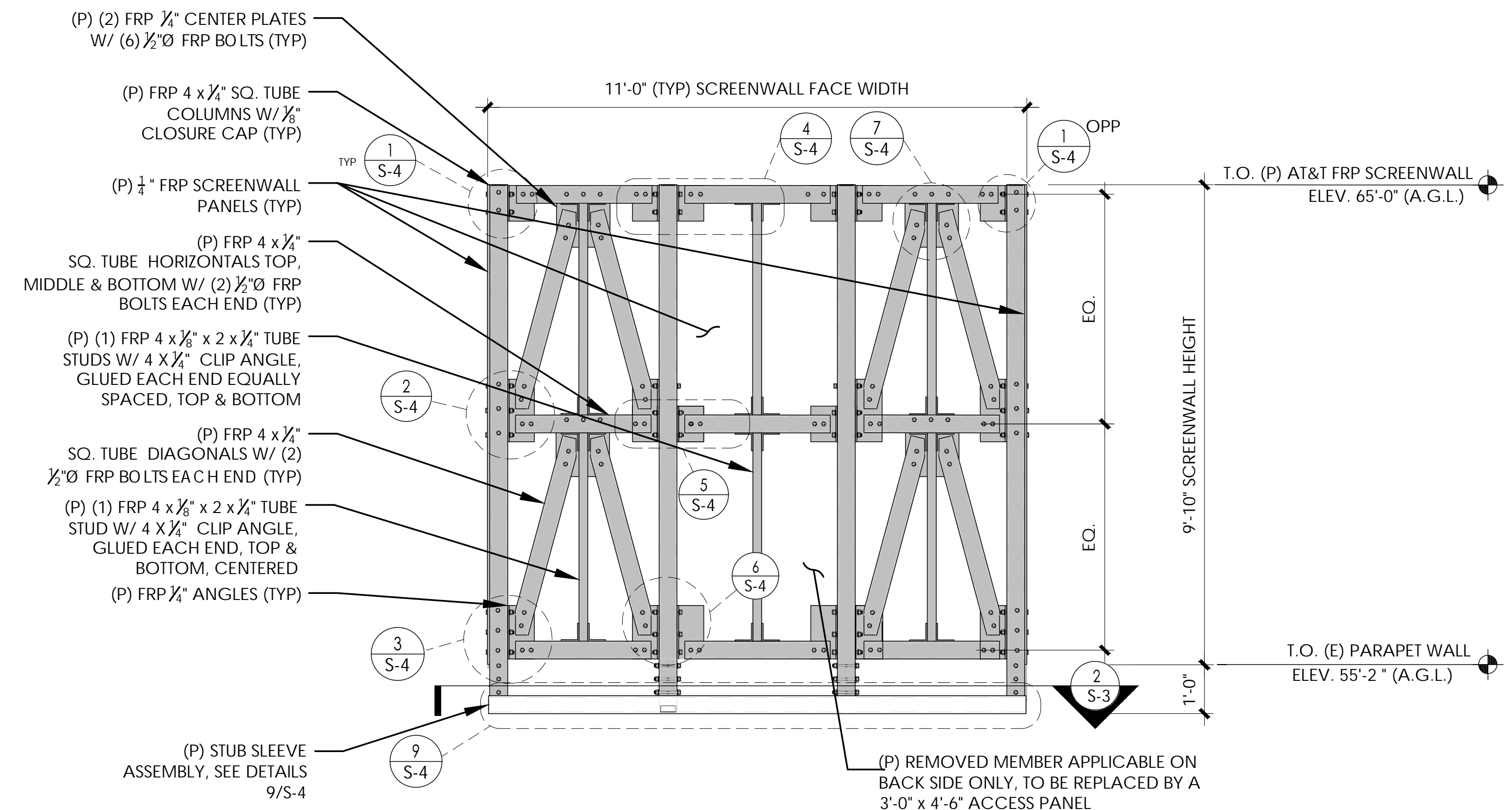
FRP WALL PANEL PLAN

24"x36" SCALE: 1/2" = 1'-0"



9'-10" AND 15'-9" ELEVATION

24"x36" SCALE: 1/2" = 1'-0"



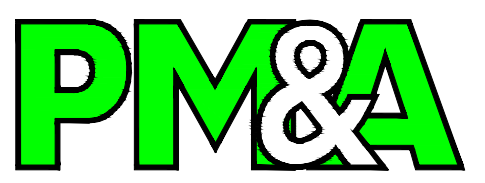
24"x36" SCALE: 1/2" = 1'-0"

PREPARED FOR



NEW CINGULAR WIRELESS PCS, LLC ("AT&T")
19801 SW 72ND AVE., STE. 200
TUALATIN, OR 97062

Vendor:



P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY. STE. 210
ROSWELL, GA 30076
OFFICE: (678) 280-2325

J5 PROJECT ID: P-077228

Issued For:

AZL02187
FLAGSTAFF ROOFTOP

123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013

DRAWN BY: RJD

CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	1/29/26	100% CD

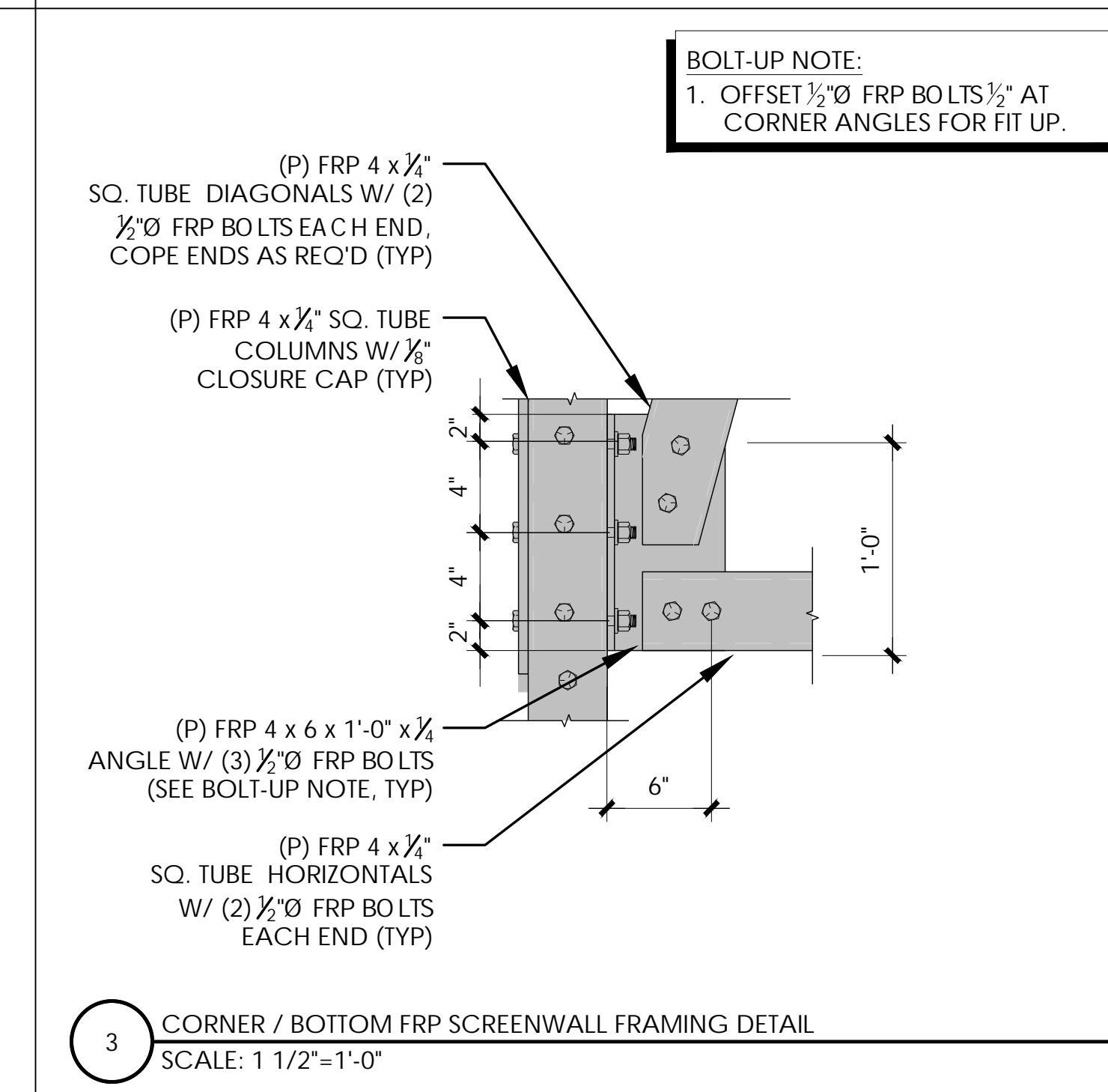
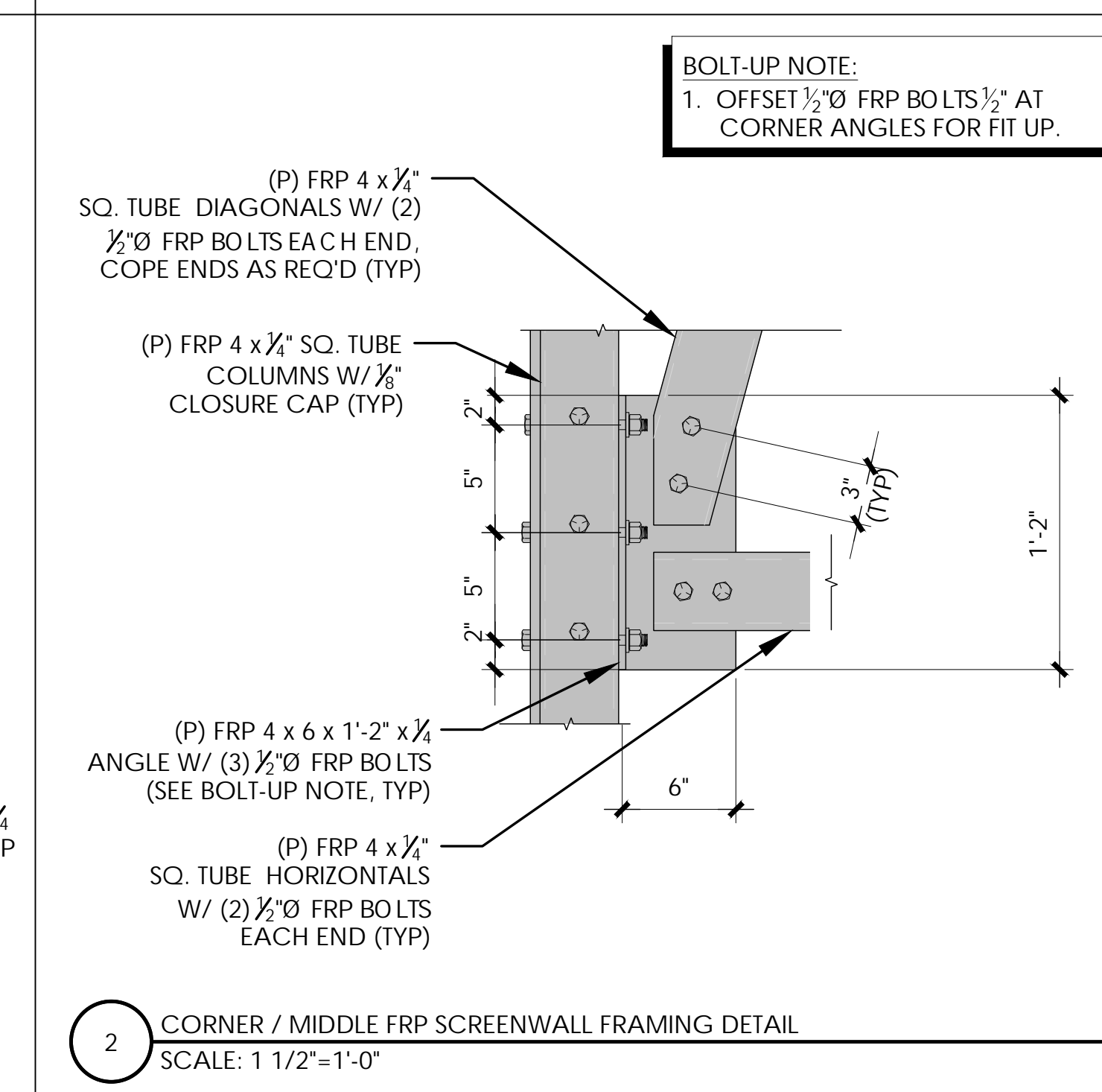
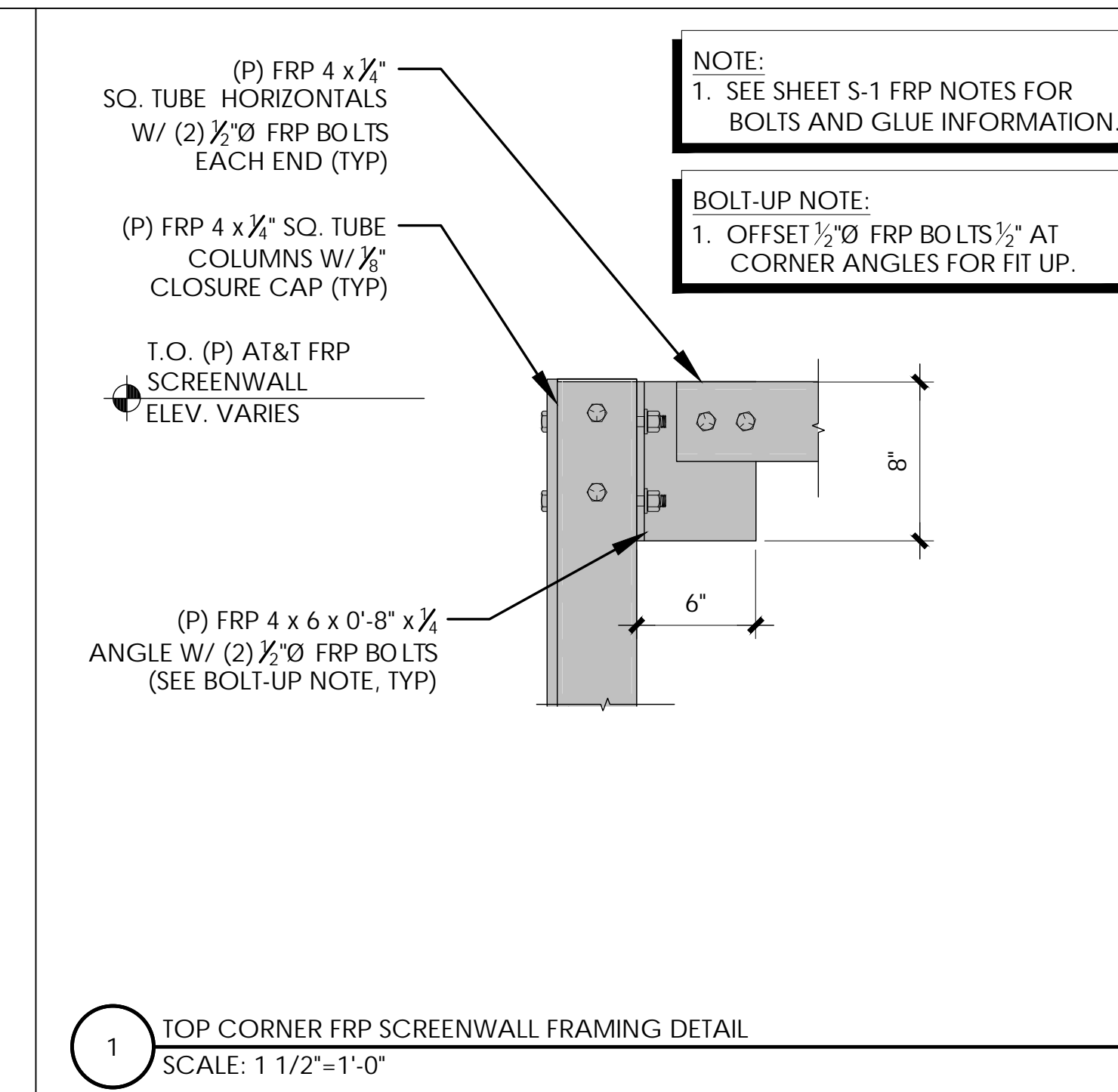
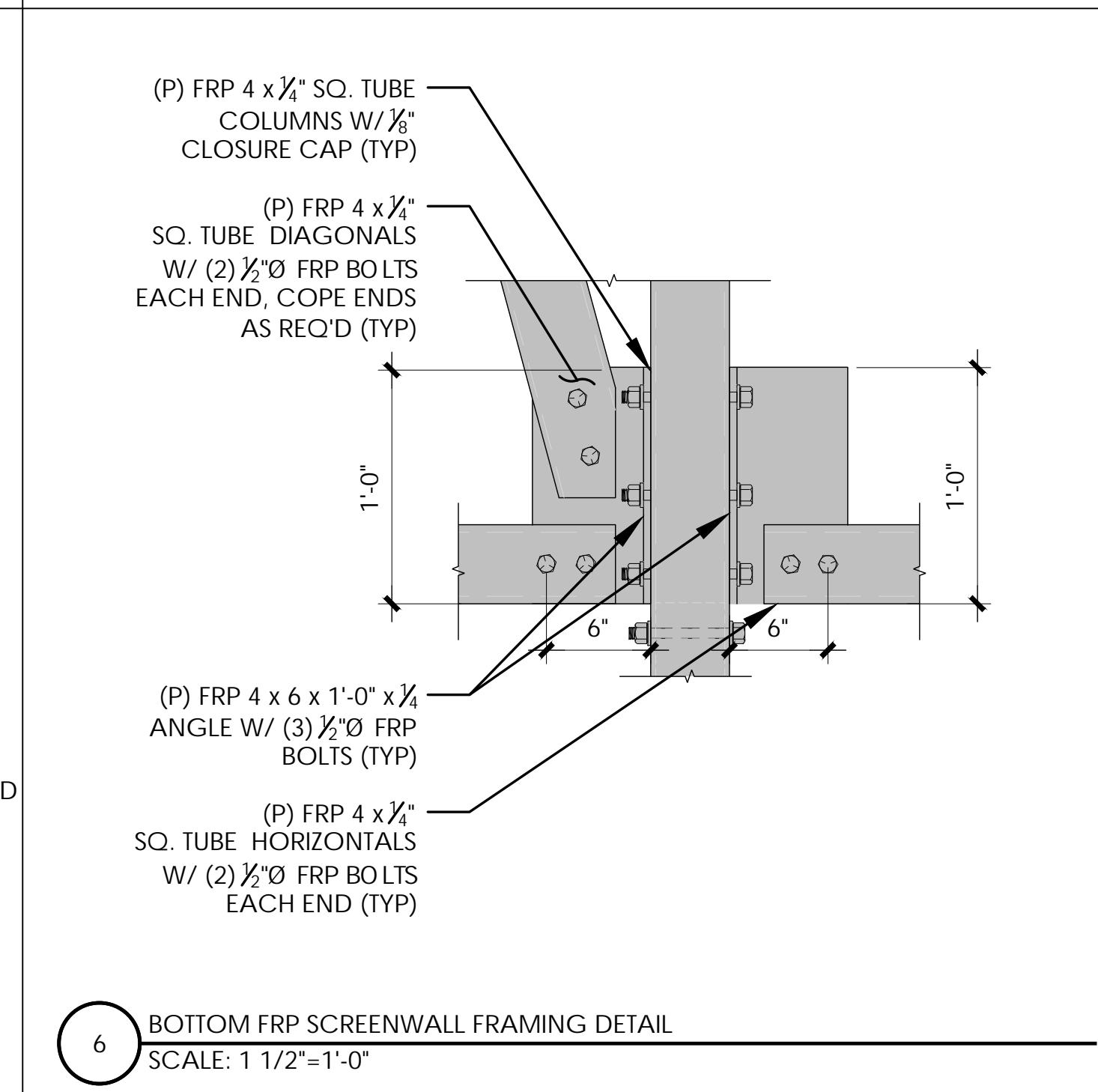
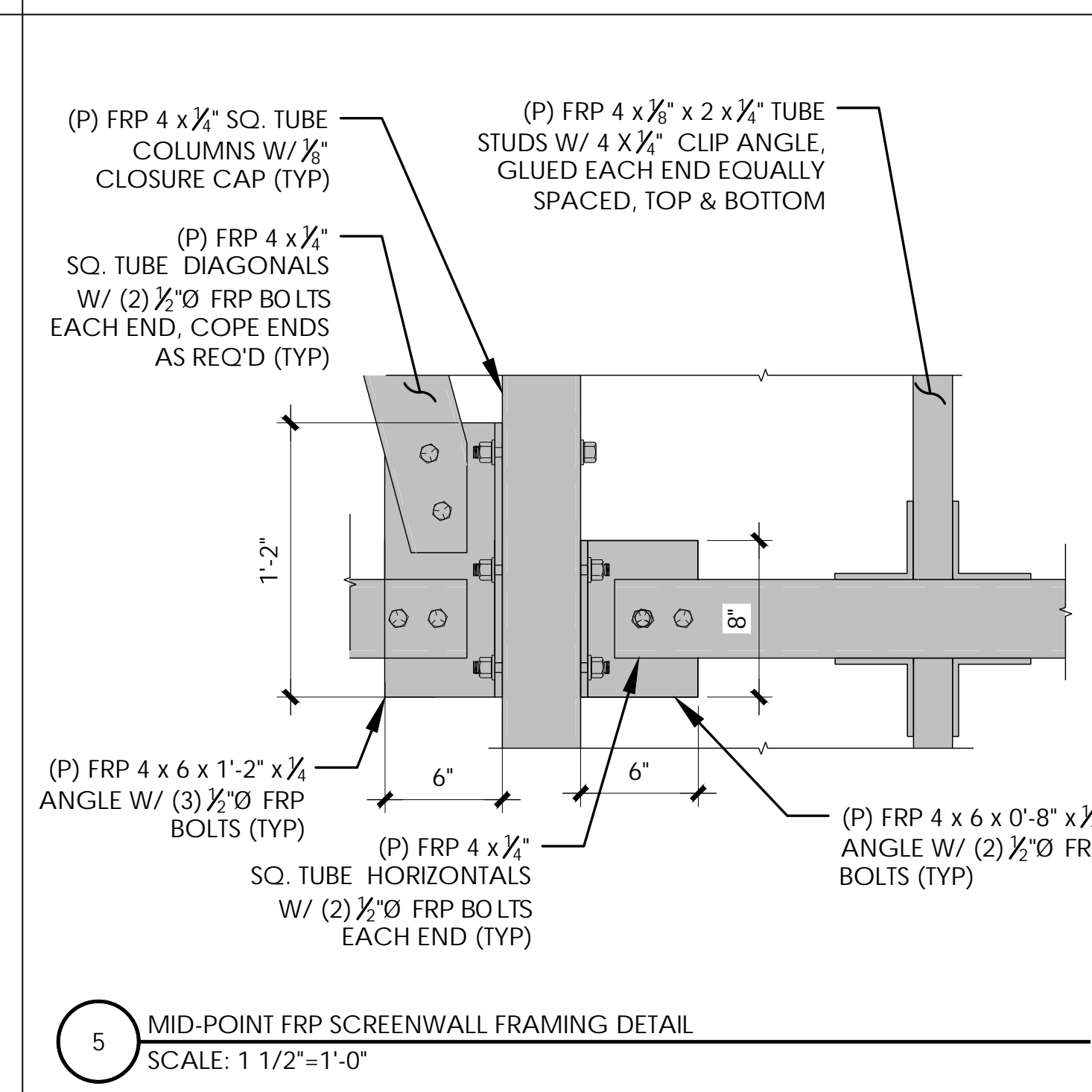
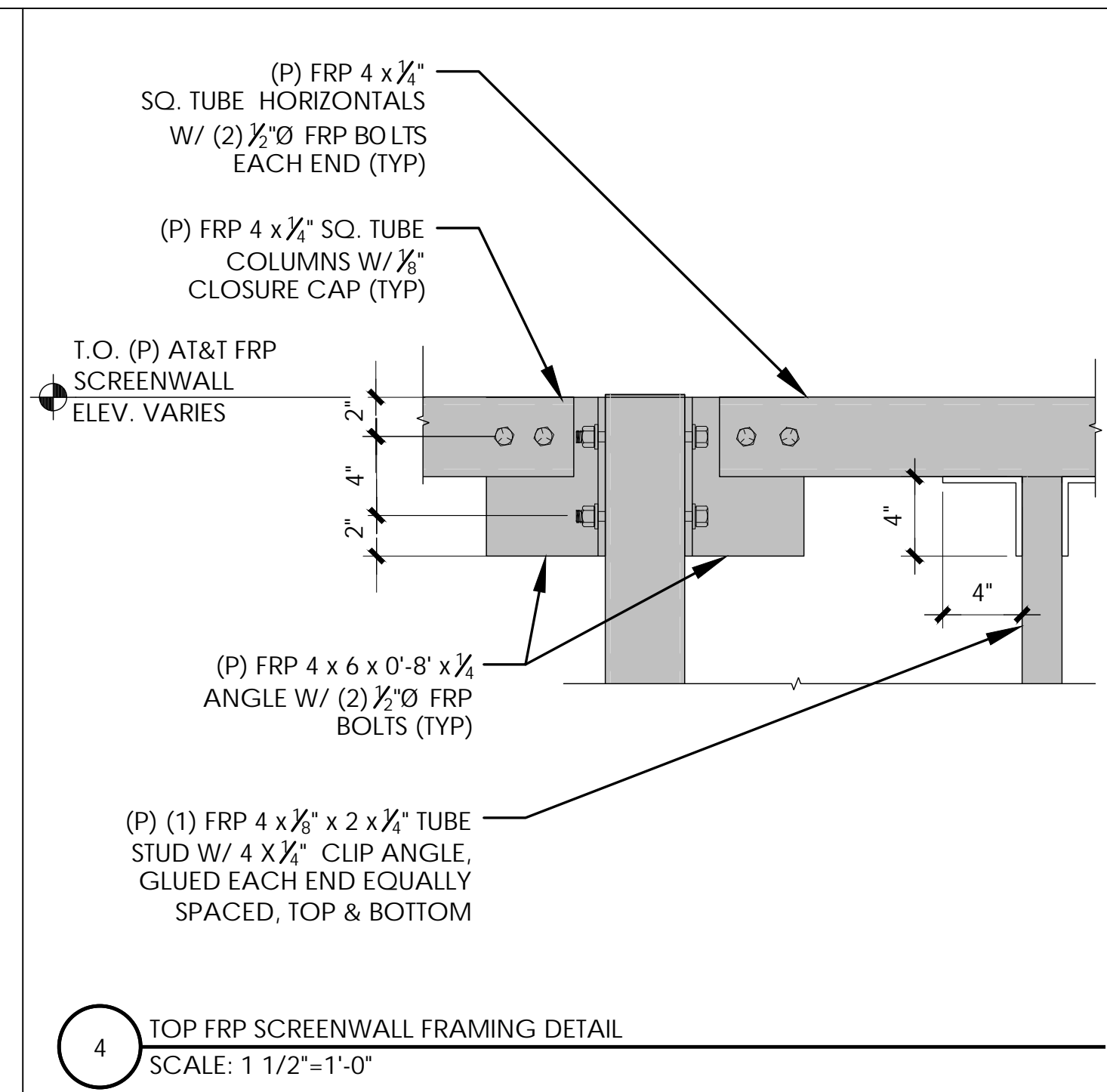
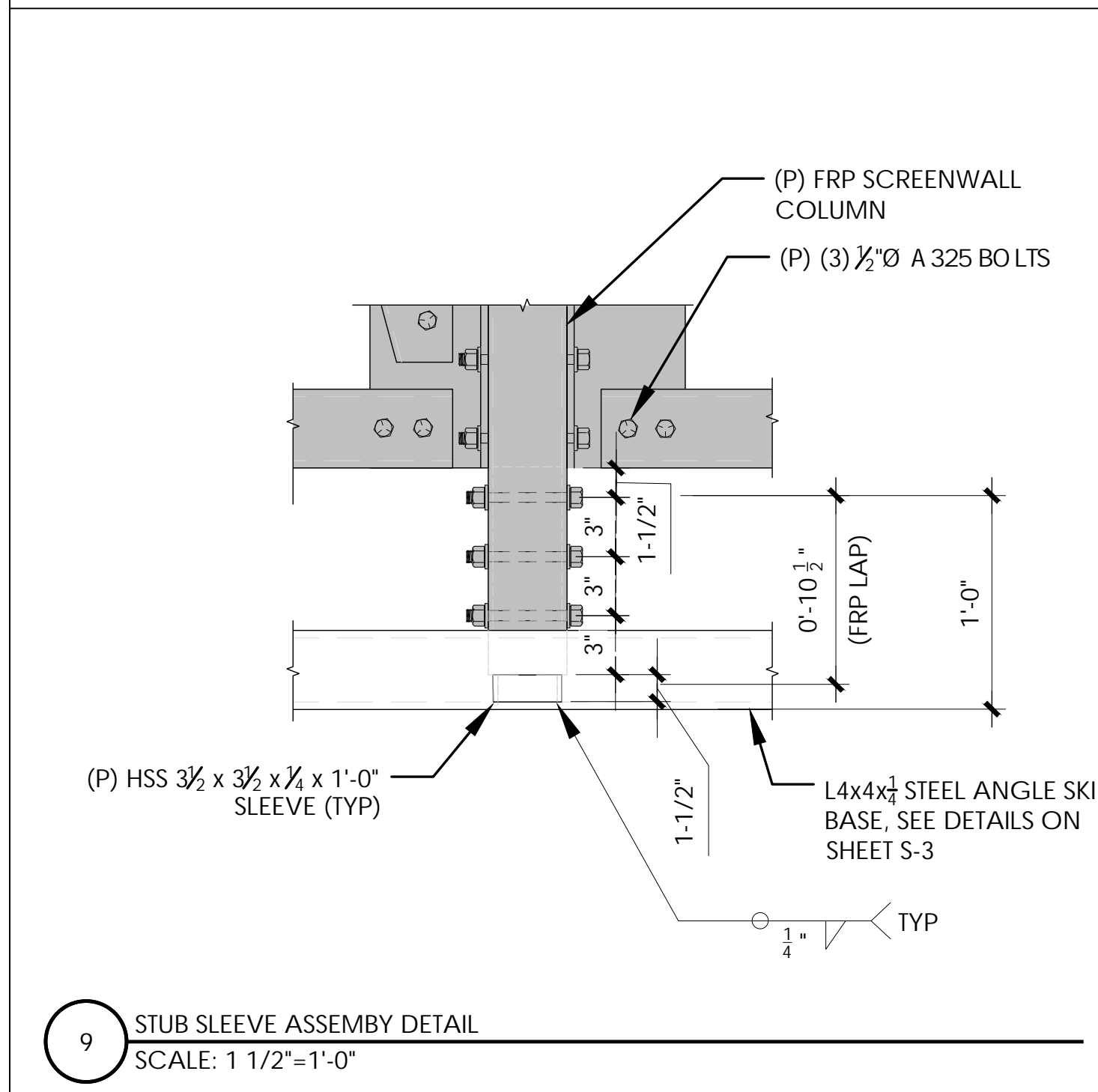
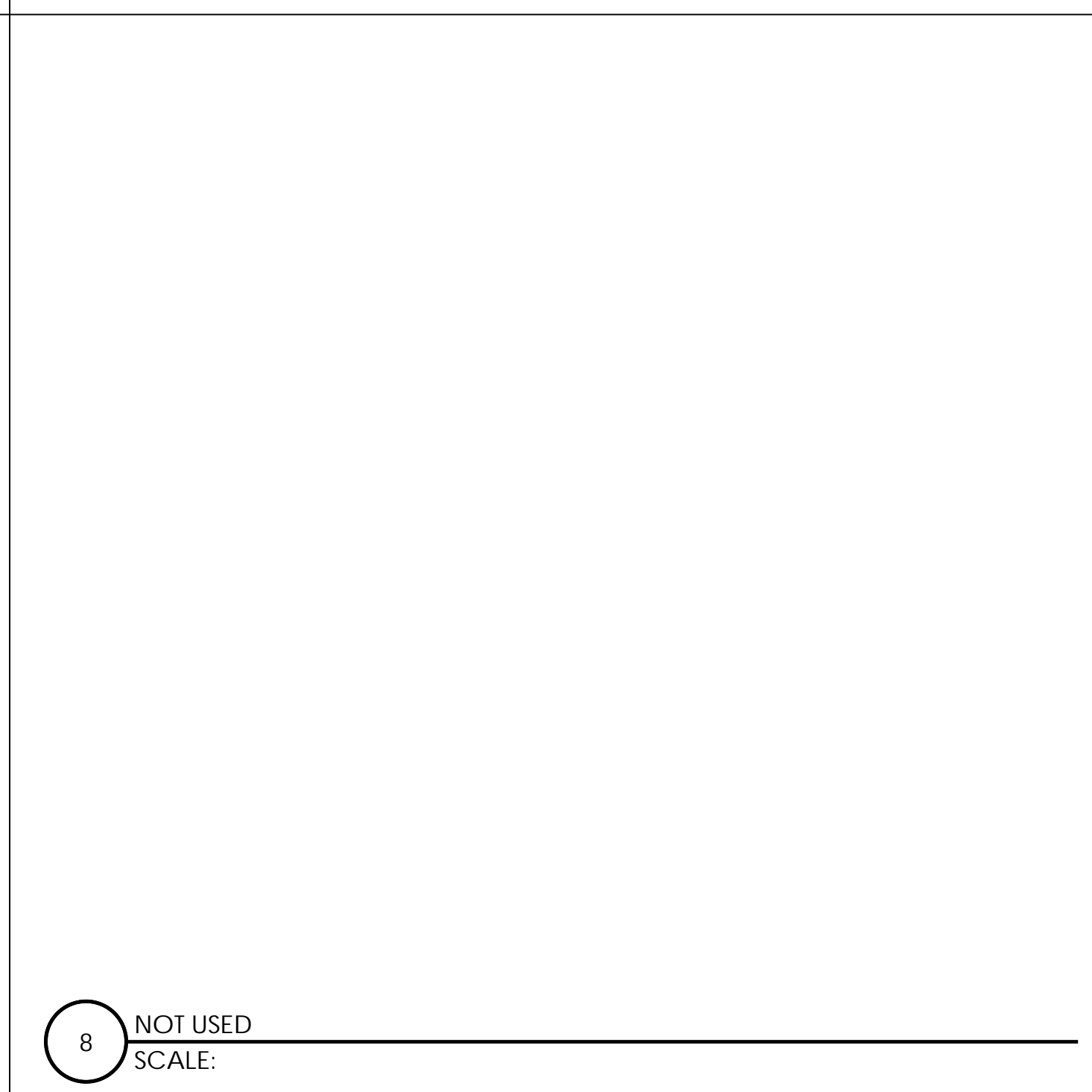
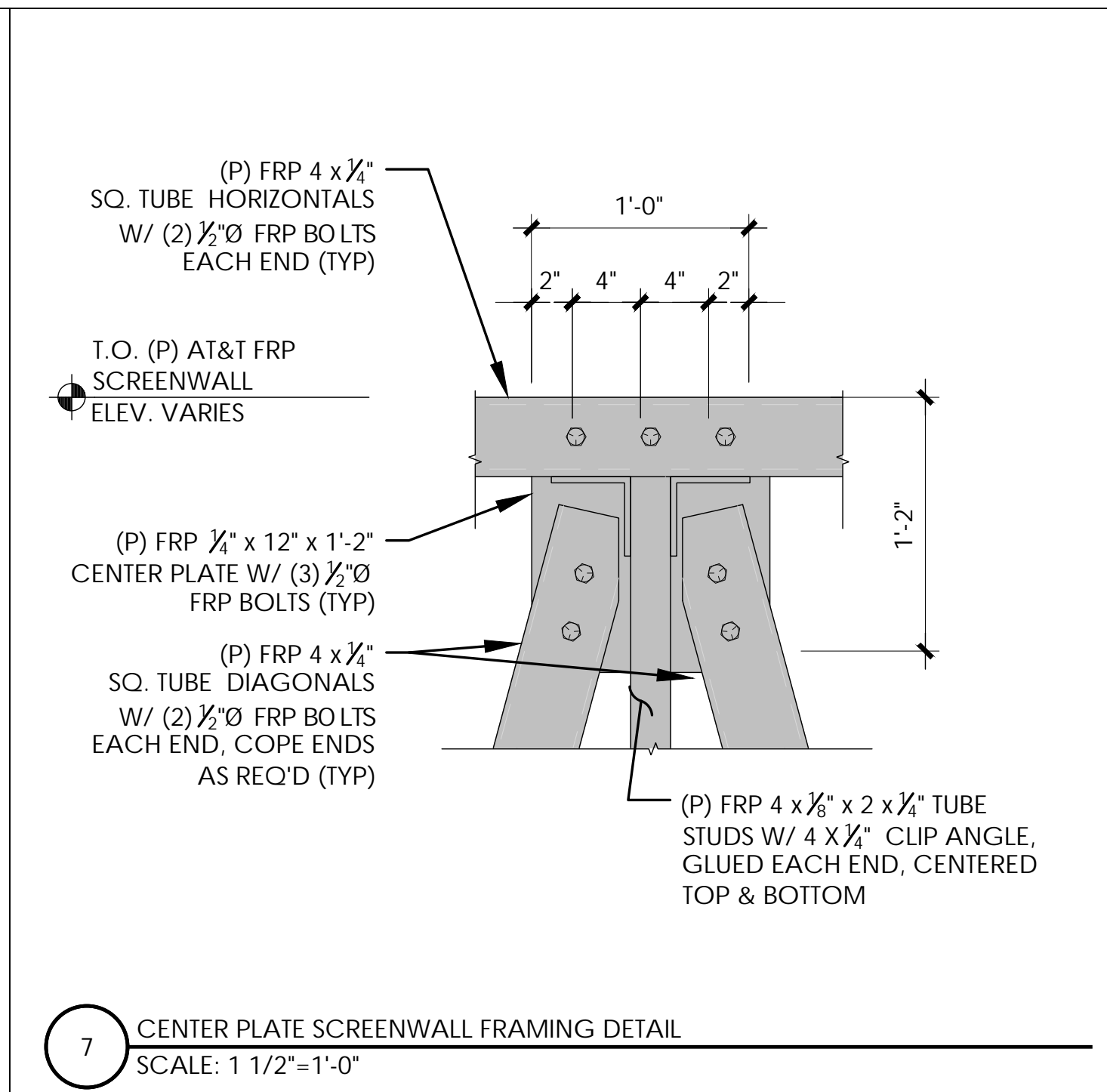
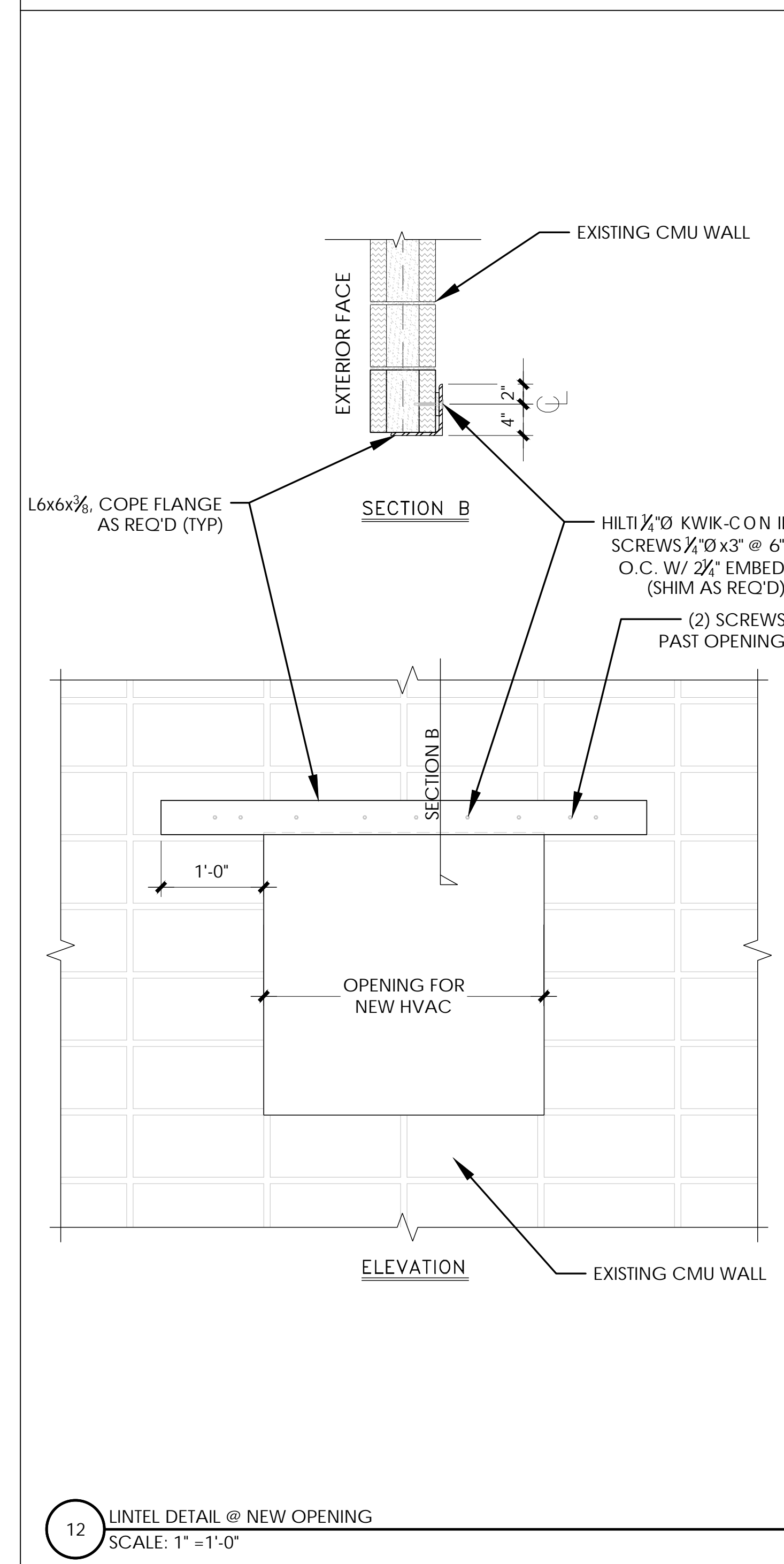
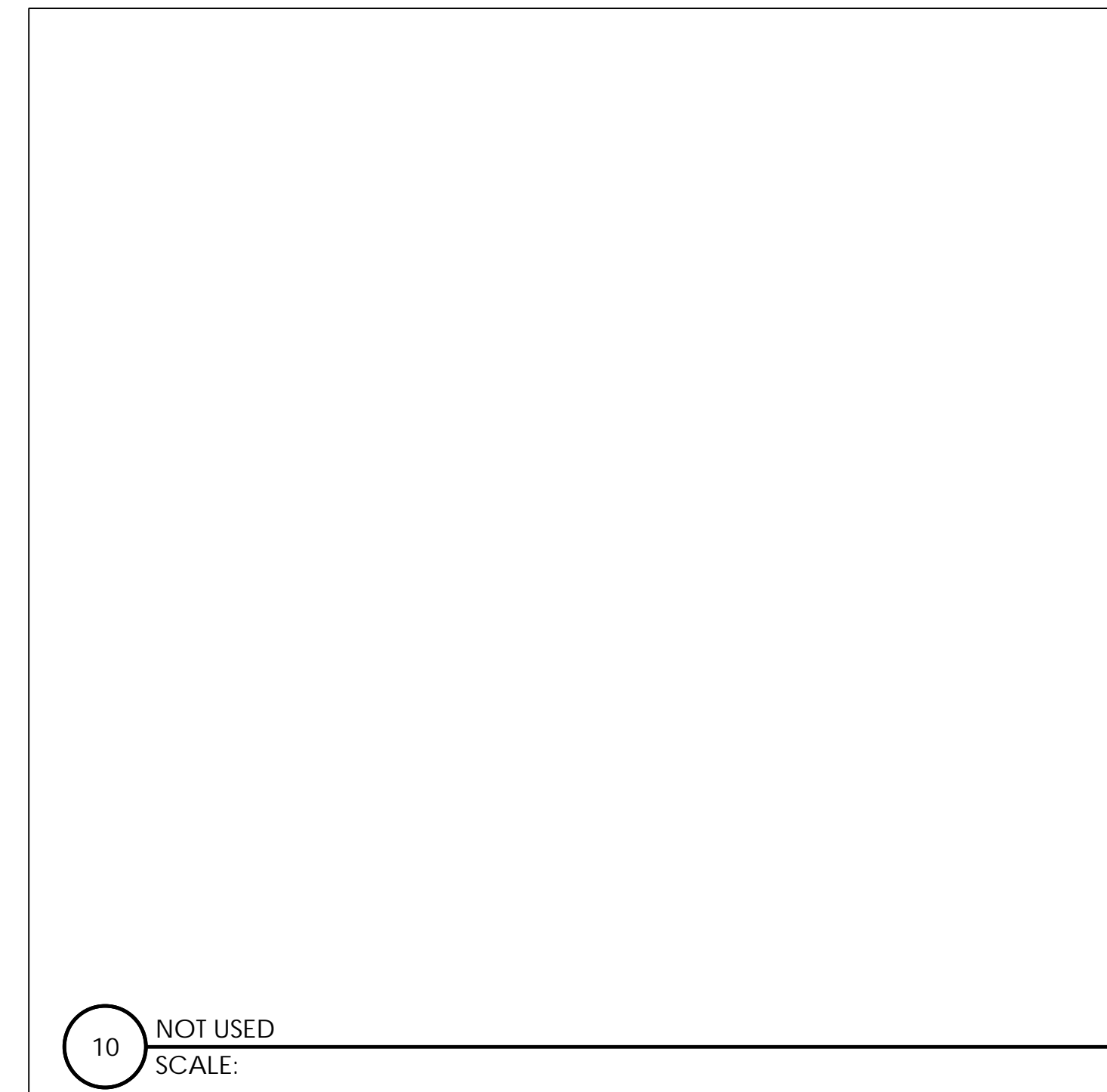
REV	DATE	DESCRIPTION
-----	------	-------------

Licensor:

Sheet Title:
(P) FRP SCREENWALL ELEVATIONS / PLANS

Sheet Number:
S-3

3



PREPARED FOR

NEW CINGULAR WIRELESS PCS, LLC ("AT&T")
19801 SW 72ND AVE., STE. 200
TUALATIN, OR 97062

Vendor:

P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY. STE 210
ROSWELL, GA 30076
OFFICE: (678) 280-2325

J5 PROJECT ID: P-077228

Issued For:

AZL02187
FLAGSTAFF ROOFTOP

123 N SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
PARCEL ID: 10119013

DRAWN BY: RJD
CHECKED BY: EVR

THE INFORMATION CONTAINED IN THE SET OF DRAWINGS IS PROPRIETARY & CONFIDENTIAL TO AT&T WIRELESS ANY USE OR DISCLOSURE OTHER THAN AS IT RELATES TO AT&T WIRELESS IS STRICTLY PROHIBITED

REV	DATE	DESCRIPTION
A	8/14/25	100% CD
B	10/10/25	EME ADDED
0	1/29/26	100% CD

REV DATE DESCRIPTION

Licensor:

Sheet Title:

DETAILS

Sheet Number:

S-4

