

**T-Mobile**  
1855 GATEWAY BLVD., 9th FLOOR  
CONCORD, CA 94520

**J5 INFRASTRUCTURE PARTNERS**  
AZ - CA - CO - ID - NM - NV - TX - UT  
23 MAUCHLY, SUITE 110  
IRVINE, CA 92618

PROJECT ID: BA01234A  
DRAWN BY: CL  
CHECKED BY: WR

REV	DATE	DESCRIPTION
10	09/11/2025	SA REDLINES JDJ
9	06/10/2025	PPC COMMENTS JDJ
8	11/21/2024	REVISED 100s CDs JDJ
7	09/19/2024	REVISED 100s CDs BH
6	06/17/2021	PPC COMMENTS MA
5	04/24/2024	PPC COMMENTS JDJ
4	05/09/2023	UPDATED CODES WR
3	10/12/2022	EE REVIEW CL
2	08/22/2022	PANEL RELOCATION NC
1	12/09/2020	CLIENT COMMENTS SS
0	10/30/2020	100% CD'S FOR SUBMITTAL SS

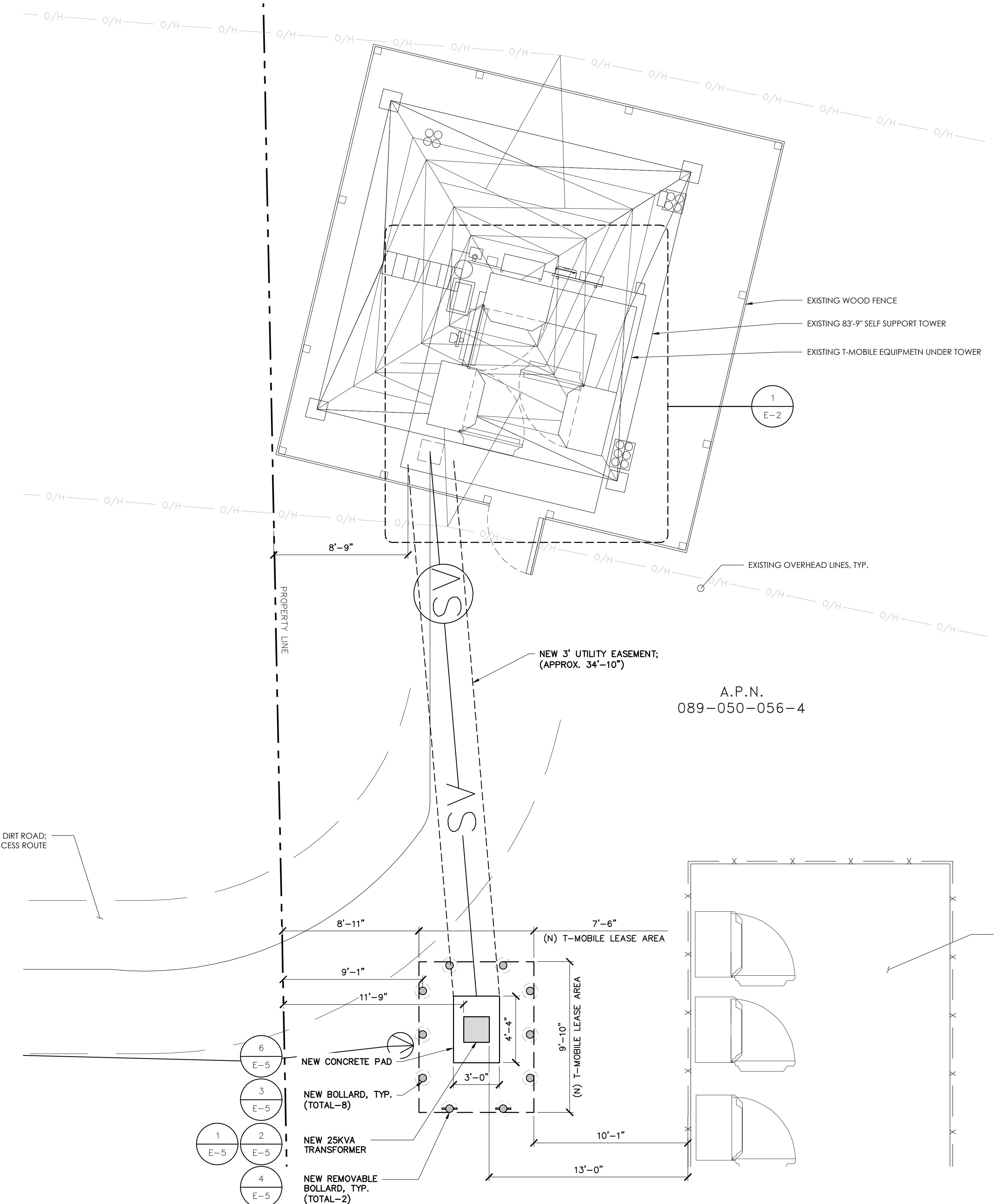
  
LICENSED PROFESSIONAL ENGINEER  
JEFF ERTLET  
E 21680  
STATE OF CALIFORNIA  
9/25/2025

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**BA01234A**  
HILLVIEW PL234 THOMAS CATTLE RANCH  
4500 HILLVIEW DRIVE  
PITTSBURG, CA 94501  
CONTRA COSTA COUNTY

SHEET TITLE  
EXISTING & NEW  
ELECTRICAL SITE PLANS

SHEET NUMBER  
**E-1**



# NEW ENLARGED ELECTRICAL SITE PLAN

NOTE:  
ENTIRE ROAD LEADING UP TO ATT EQUIPMENT AND TOWER IS DIRT ROAD.

NOTE:  
TRANSFORMER WILL BE PAINTED TO BLEND WITH LANDSCAPE  
(E.G., BEIGE OR SIMILAR)

**T-Mobile**®

855 GATEWAY BLVD., 9th FLOOR  
CONCORD, CA 94520

# JS INFRASTRUCTURE PARTNERS

23 MAUCHLY, SUITE 110  
IRVINE, CA 92618

OBJECT ID: BA01234A  
AWN BY: CL  
ECKED BY: WR

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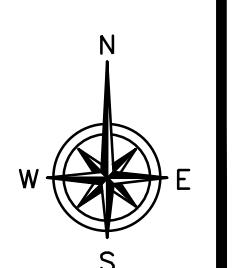
SHEET TITLE

NEW ENLARGED  
ELECTRICAL SITE PLAN

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SHEET NUMBER  
**E-1.1**

24" x 36" SCALE: 1/4" = 1'-0"  
11" x 17" SCALE: 1/8" = 1'-0"



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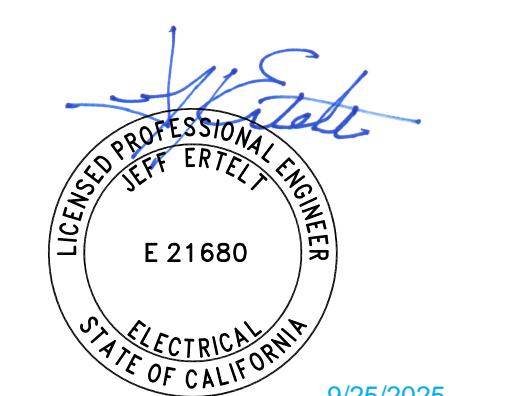
1855 GATEWAY BLVD., 9th FLOOR  
CONCORD, CA 94520



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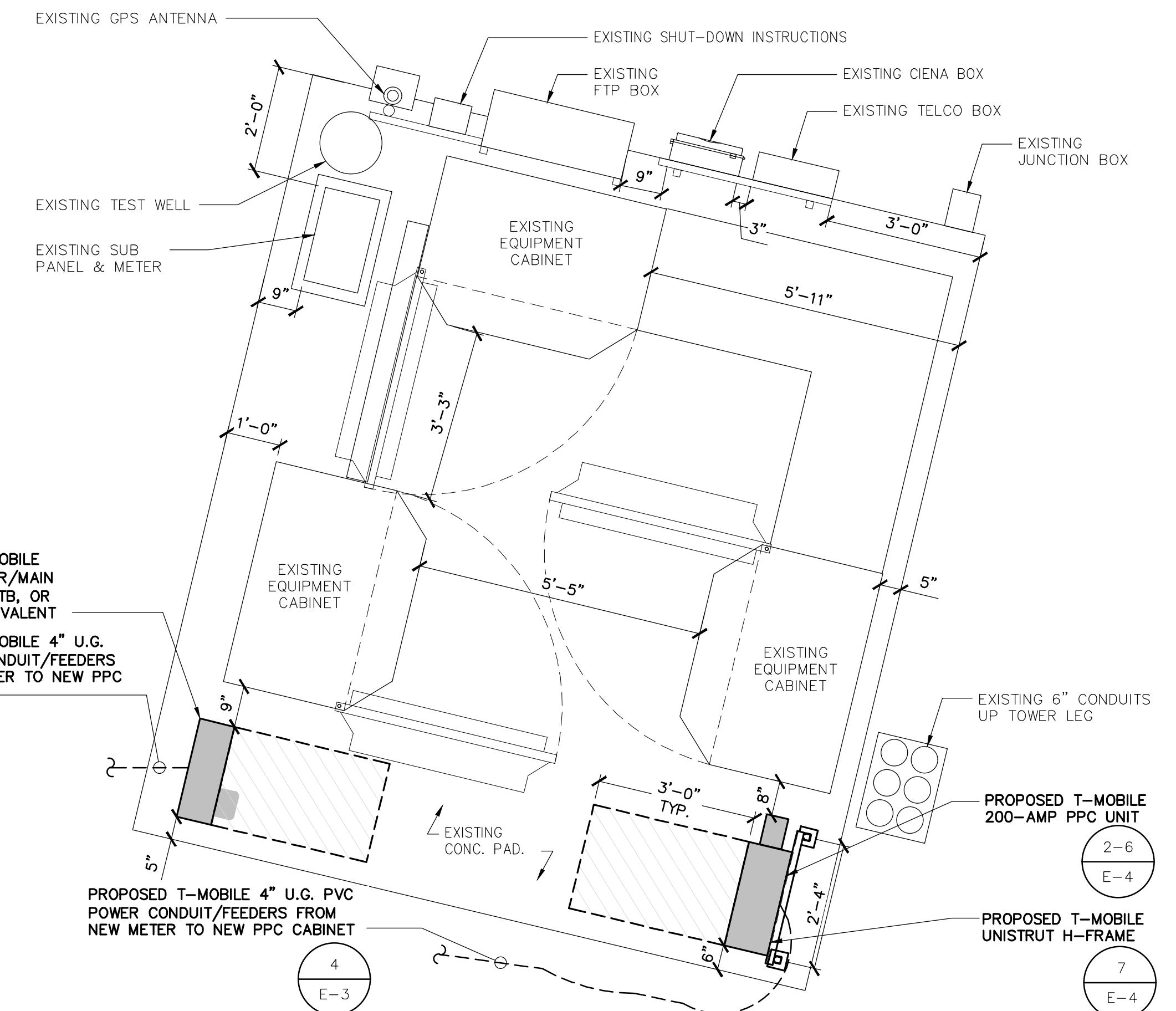
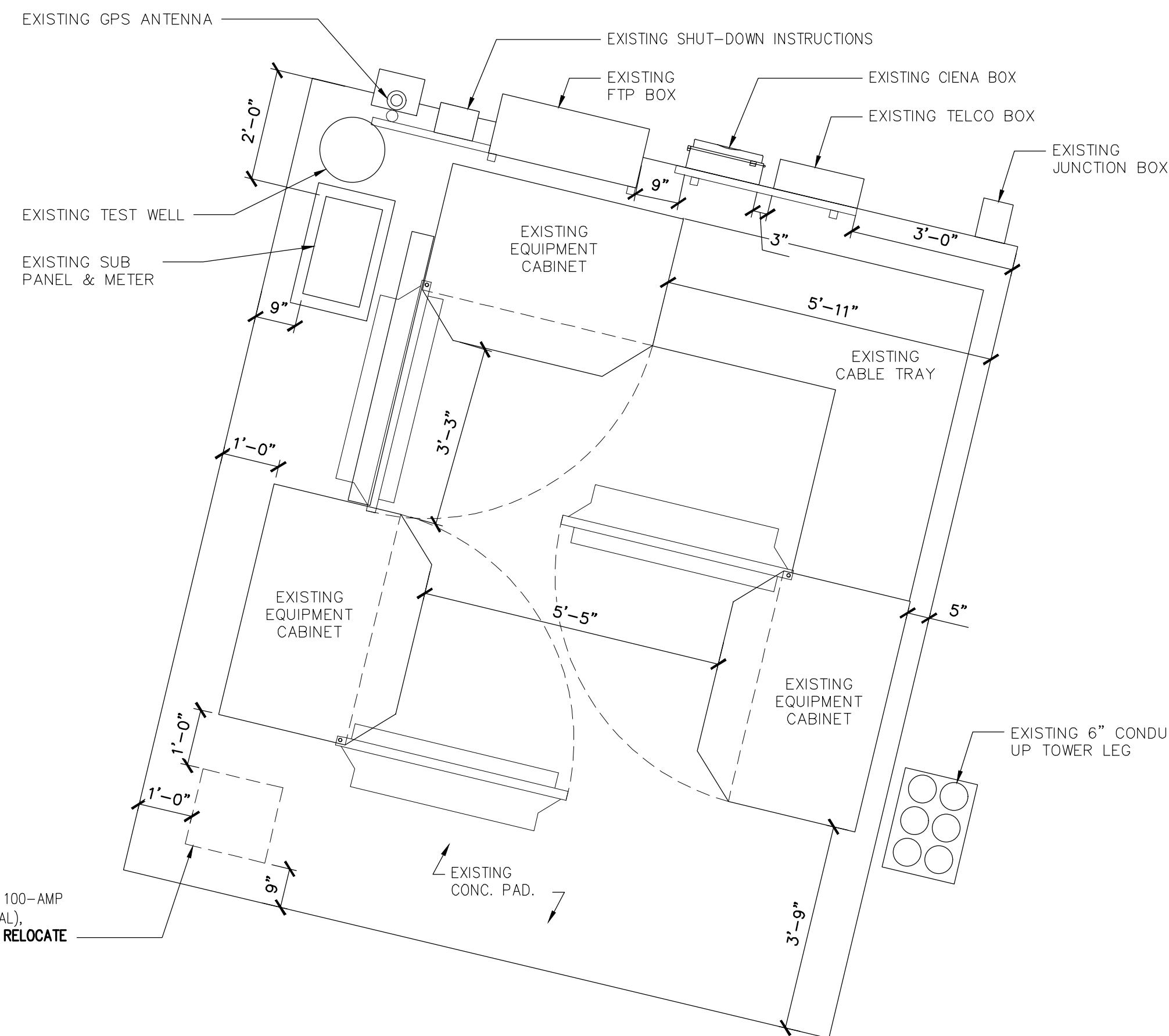


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4500 HILLVIEW DRIVE  
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CONTRA COSTA COUNTY

SHEET TITLE  
**EXISTING & NEW  
EQUIPMENT PLANS**

SHEET NUMBER



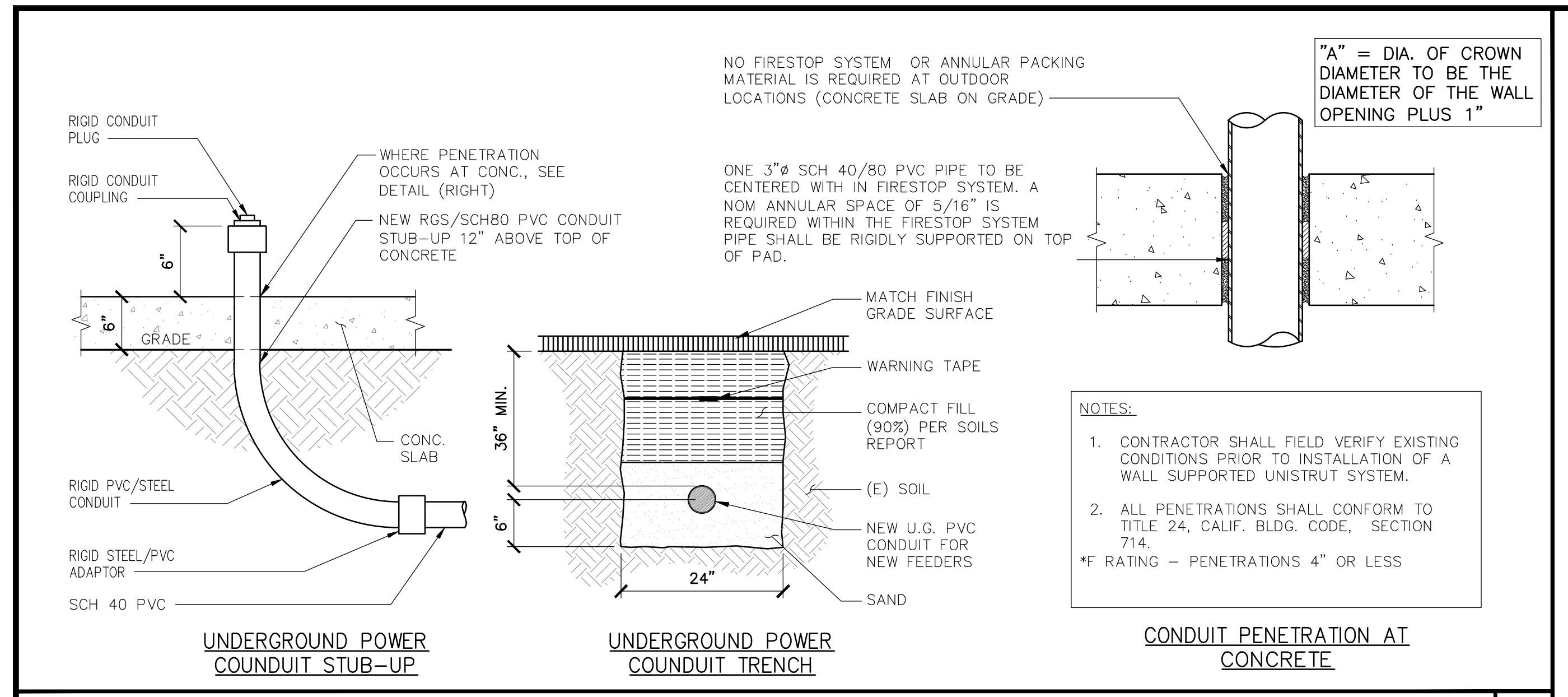
# EXISTING EQUIPMENT PLAN

24" x 36" SCALE: 1/2" = 1'-0"  
11" x 17" SCALE: 1/4" = 1'-0"

# NEW EQUIPMENT PLAN

24" x 36" SCALE: 1/2" = 1'-0"  
11" x 17" SCALE: 1/4" = 1'-0"

1



# POWER CONDUIT ROUTING

## NOTES

1. SUBCONTRACTOR SHALL PROVIDE "200"AMP, SINGLE PHASE, 120/240(OR 120/208) VAC, 60HZ SERVICE FOR THIS T-MOBILE SITE
2. SUBCONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY BEFORE THE START OF CONSTRUCTION. POWER AND TELEPHONE CONDUIT SHALL BE PROVIDED AND INSTALLED PER UTILITY REQUIREMENTS
3. FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO DRAWINGS PROVIDED BY PPC MANUFACTURER.
4. ALL SERVICE EQUIPMENT AND INSTALLATIONS SHALL COMPLY WITH THE N.E.C. AND UTILITY COMPANY AND LOCAL CODE REQUIREMENTS
5. SUBCONTRACTOR SHALL INSTALL 36" OF FLEX CONDUIT WITH ALL CONDUIT FITTINGS (NUTS, REDUCING BUSHINGS, ELBOWS, COUPLINGS, ETC.) NECESSARY FOR CONNECTION TO THE EQUIPMENT
6. SUBCONTRACTOR SHALL PROVIDE ELECTRICAL SERVICE EQUIPMENT WITH FAULT CURRENT RATINGS GREATER THAN THE AVAILABLE FAULT CURRENT FROM THE POWER UTILITY
7. POWER, CONTROL AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT. SHALL BE SINGLE CONDUCTOR (#14 AWG AND LARGER), 600V, OIL RESISTANT. THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90°C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED
8. CUT, COIL AND TAPE A 10 FOOT PIGTAIL FROM END OF FLEX CONDUIT FOR TERMINATING BY CARRIER REP.
9. SUBCONTRACTOR SHALL FURNISH AND INSTALL A PIPE/UNISTRUT FRAME OR SUITABLE PEDESTAL OR WALL-MOUNTS FOR INSTALLATION OF PPC ENCLOSURE AND METER COMPONENTS. SUBCONTRACTOR SHALL FURNISH AND INSTALL SURGE PROTECTION DEVICES (BY: ATLANTIC SCIENTIFIC; ZONE BARRIER SERIES; PART NO.90700 WITH MOUNTING DIN RAIL PART NO. 21607). BOND SURGE PROTECTION DEVICE RAIL TO THE ENCLOSURE WITH #6 AWG INSULATED WIRE. BOND ENCLOSURE TO THE SITE GROUND RING OR BAR WITH #2 AWG COPPER WIRE.
10. ALL CONDUCTORS SHALL BE THWN, COPPER 600V. 75° C; U.G. CONDUCTORS SHALL BE WET-RATED
11. ALL WORK TO COMPLY WITH TITLE 24 – CAL. CODE OF REGULATIONS, NFPA 70E (NEC 2017) AND OSHA TITLE 29.
12. REFER TO PANEL SCHEDULE(S) (2/-) AND ONE-LINE DIAGRAM (1/-) FOR CIRCUIT ARRANGEMENT & WIRING CONNECTION.

MI = MECHANICAL INTERLOCK  
RU = RELAY TO MONITOR UTILITY POWER  
RG1 = RELAY TO MONITOR GENERATOR #1 POWER

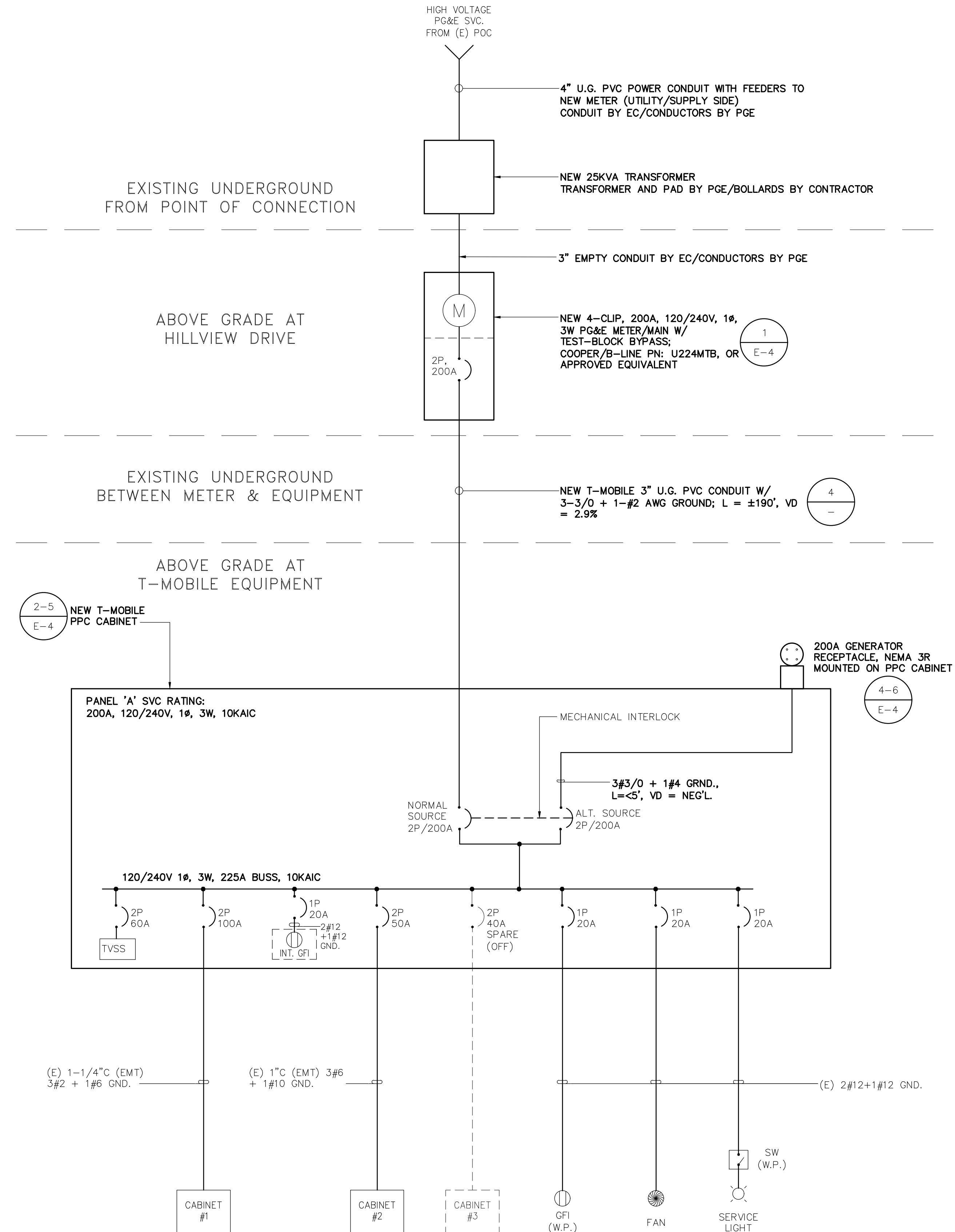
## **ELECTRICAL NOTES**

## PPC PANEL 'A'

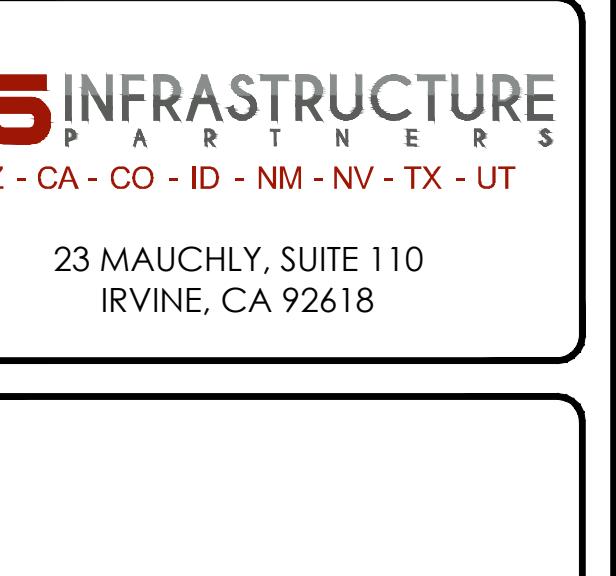
<p>SITE NAME: BA01234A - Hillview PL234 Thomas Cattle Ranch</p>				<p>VOLTAGE: 120/240 V PHASE: 1 WIRE: 3</p>															
<p>PANEL DESIGNATION: PPC PANEL 'A'</p>		<p>MAIN BREAKER: 200 AMP BUSS RATING: 225 AMP</p>																	
<p>LOCATION: EXTERIOR SURFACE</p>																			
LOAD DESCRIPTION	BREAKER AMPS	BREAKER POLES	BREAKER STATUS	SERVICE LOAD VA	USAGE FACTOR	PHASE A VA	PHASE B VA	PHASE A VA	PHASE B VA	USAGE FACTOR	SERVICE LOAD VA	BREAKER STATUS	BREAKER POLES	BREAKER AMPS	LOAD DESCRIPTION	CKT			
INTERNAL TVSS	60	2	ON	400	1.25	500		450		1.25	360	ON	1	20	FIBER AAV FAN	2			
				400	1.25		500		225	1.25	180	ON	1	20	GFI PLUG	4			
CABINET 1	100	2	ON	7000	1.25	8750		225		1.25	180	ON	1	20	INTERNAL GFI PLUG	6			
				7000	1.25		8750		0					OFF	2	40	SPARE	8	
CABINET 2	60	2	ON	3800	1.25	4750		0							LIGHTS	10			
				3800	1.25		4750		375	1.25	300	ON	1	20			12		
<p>POWER PROTECTION CABINET (NTI #: CAC-PEDI-PPC (MINI)) CONTRACTOR TO LABEL WITH: CARRIER I.D. (T-MOBILE), PANEL I.D. (PPC PANEL 'A') FEED SOURCE (NEW-MTR), AND AC PANEL SERVICE RATING (200A, 120/240V, 1-PHASE, 3-WIRE)</p>				1				14675				<p>NOTES: 1. CIRCUITS 13-30 ARE 'SPACE' W/ MFR. METAL TWIST-OFF COVER INTACT 2. ALL LOADS ARE CALCED AS LCL/MCL (DESIGN TO 100% CAPACITY-OK) 3. ALL UNUSED BREAKERS SHALL BE LABELED 'SPARE' &amp; SWITCHED 'OFF'</p>							
				PHASE B TOTAL VA				14600											
				TOTAL KVA				29.28											
				TOTAL AMPS				121.98											

## PANEL SCHEDULE

# ONE-LINE DIAGRAM



\_\_\_\_\_



ECT ID: BA01234A

/N BY: CL

KED BY: WR

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**SHEET TITLE**  
**ONE-LINE DIAGRAM,  
PANEL SCHEDULE &  
ELECTRICAL NOTES**

SHEET NUMBER

**GENERATOR RECEPTACLE CONNECTIONS**

APPLETON RECEPTACLE - 200A  
VIEW FROM OUTSIDE (GEN. SIDE)  
WIRING CONFIGURATION:  
GROUND CONTACT - CHASSIS GROUND  
CONTACT 1 - RED CONDUCTOR (LINE 1/HOT)  
CONTACT 2 - BLACK CONDUCTOR (LINE 2/HOT)  
CONTACT 3 - WHITE CONDUCTOR (LINE 3/NEUTRAL)

APPLETON RECEPTACLE - 200A  
VIEW FROM INSIDE (PPC SIDE)  
WIRING CONFIGURATION:  
GROUND CONTACT - GREEN CONDUCTOR TO GROUND BAR  
CONTACT 1 - RED CONDUCTOR (LINE 1/HOT)  
CONTACT 2 - BLACK CONDUCTOR (LINE 2/HOT)  
CONTACT 3 - WHITE CONDUCTOR (LINE 3/NEUTRAL)

PIN CONFIGURATION MUST BE VERIFIED PRIOR TO GENERATOR OPERATION

PIN CONFIGURATION MUST BE VERIFIED PRIOR TO GENERATOR OPERATION

NOTE:  
SEE DETAILS 3-6 ON THIS SHEET FOR DUAL  
MAIN BREAKER INTERLOCK, PPC  
PANEL/GENERATOR POWER WIRING, AND  
GENERATOR RECEPTACLE SPECIFICATIONS

NTI/EMERSON P/N# CAC-PED1 PPC (MINI)  
T-MOBILE SAP# NOT ISSUED  
UL LISTED # E209771

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*Jeff Ertelt*  
LICENCED PROFESSIONAL ENGINEER  
E 21680  
STATE OF CALIFORNIA  
9/25/2025

## METER/MAIN MOUNTING

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

## 8 RECEPTACLE PIN-OUT DIAGRAM

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

## 5 PPC CABINET (PPC PANEL 'A')

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

## EATON/COOPER B-LINE PN: U224MTB 200-AMP COOPER B-Line (120-240V) METER/MAIN DISCONNECT SWITCH

**Fig. 2 Top Provision**

### Knockouts - Conduit Sizes

1A = 1/2"  
2A = 1/2" - 1/4"  
4E = 1 1/2" - 1 1/4" - 1" - 3/4"  
4G = 2 1/2" - 2" - 1 1/2" - 1 1/4"  
2H = 3" - 2 1/2"  
3H = 3" - 2 1/2" - 2"  
4H = 3" - 2 1/2" - 2" - 1 1/2"  
Top Provision = See Chart

\* For a 208/120V, order a 4 jaw unit and a 5th jaw kit.

Style #	Suffixes
(U) 224 MTB	MS43 - No Breaker Included
(U) 224 M11TB	SS - Stainless Steel 304 *
(U) 225 MTB	SS6 - Stainless Steel 316 *
(U) 227 MTB	

\* Knockouts and top provisions are not available in Stainless Steel (SS) finish

Part/UPC Number	Catalog Number	Amp Rating	Jaws	Service Type	Access	Voltage	Main Breaker AIC	Main	Bypass
78205159065	224 MTB	200	4	10/3W	OH	120/240	10K	(1) 200A, 2P	TB
78205159125	U224 MTB	200	4	10/3W	OH/UG	120/240	10K	(1) 200A, 2P	TB

Part/UPC Number	Catalog Number	Line	Connections	Neutral	Overall Dimensions	Height	Width	Depth	Top Provision	Knockout Layout
78205159065	224 MTB	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1	
78205159125	U224 MTB	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2	

## PROPOSED UNISTRUT H-FRAME

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

## 7 PPC CABINET LAYOUT/WIRING

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

### U224 MTB (open)

\* For a 208/120V, order a 4 jaw unit and a 5th jaw kit.

Style #	Suffixes
(U) 224 MTB	MS43 - No Breaker Included
(U) 224 M11TB	SS - Stainless Steel 304 *
(U) 225 MTB	SS6 - Stainless Steel 316 *
(U) 227 MTB	

Part/UPC Number	Catalog Number	Line	Connections	Neutral	Overall Dimensions	Height	Width	Depth	Top Provision	Knockout Layout
78205159065	224 MTB	#6 - 250 MCM	MCB	#6 - 250 MCM	48"	14"	6"	AW Hub	Fig. 1	
78205159125	U224 MTB	#6 - 250 MCM	MCB	#6 - 250 MCM	30"	22"	6"	AW Hub	Fig. 2	

## COVER PLATE & REMOTE MOUNT BOX

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

## 6 PPC CABINET (HOLE LAYOUT)

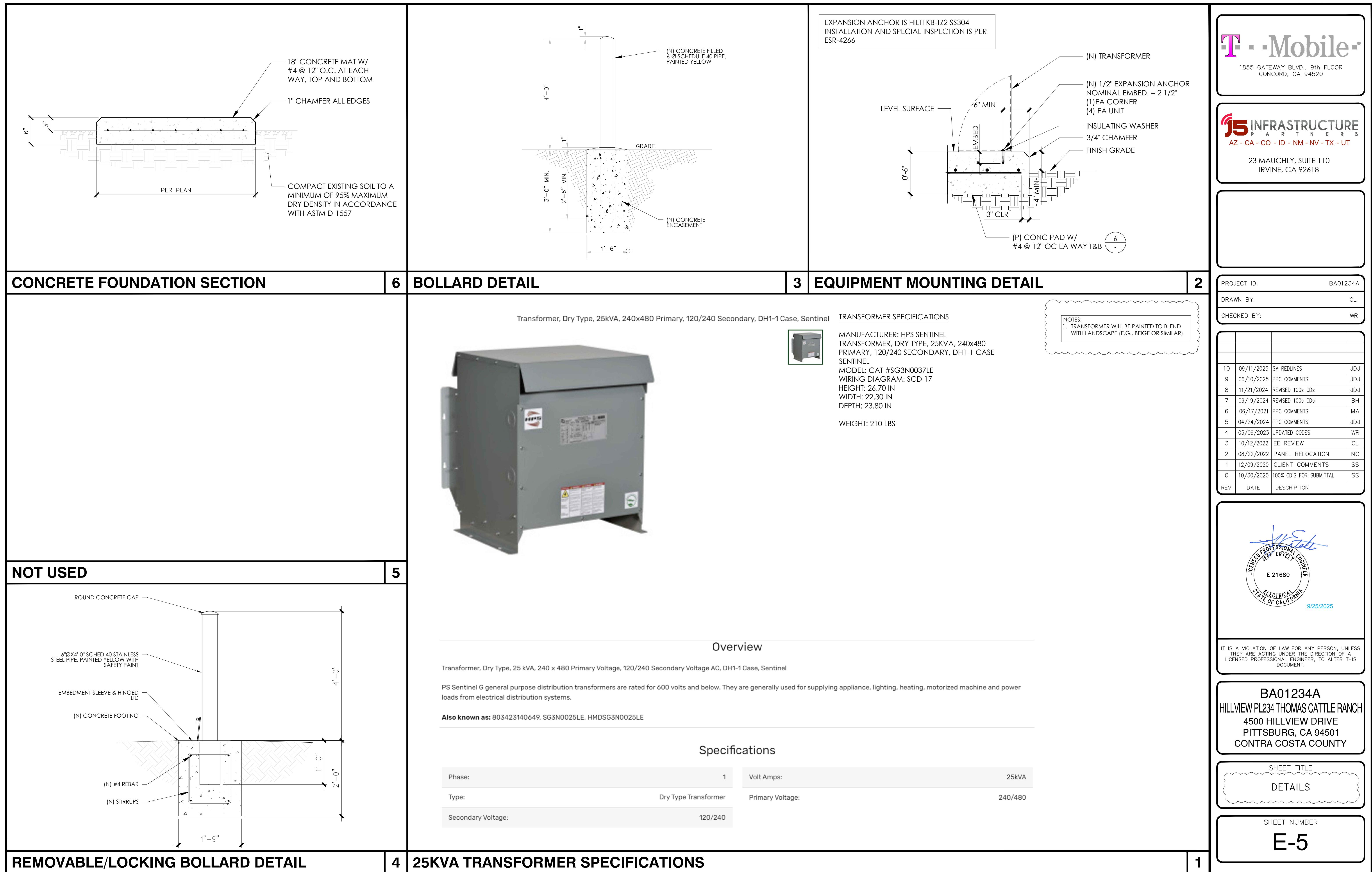
## 3 METER / MAIN DISCONNECT

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

SHEET TITLE	
ELECTRICAL DETAILS	

SHEET NUMBER

E-4



**T-Mobile**

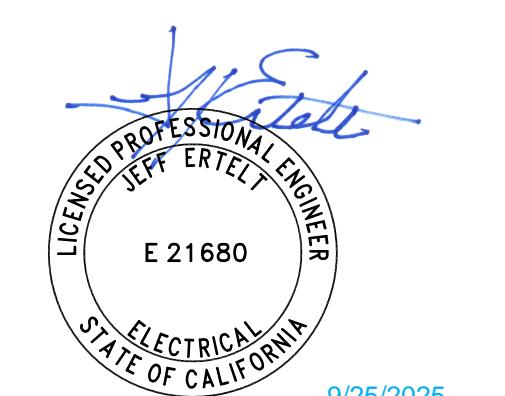
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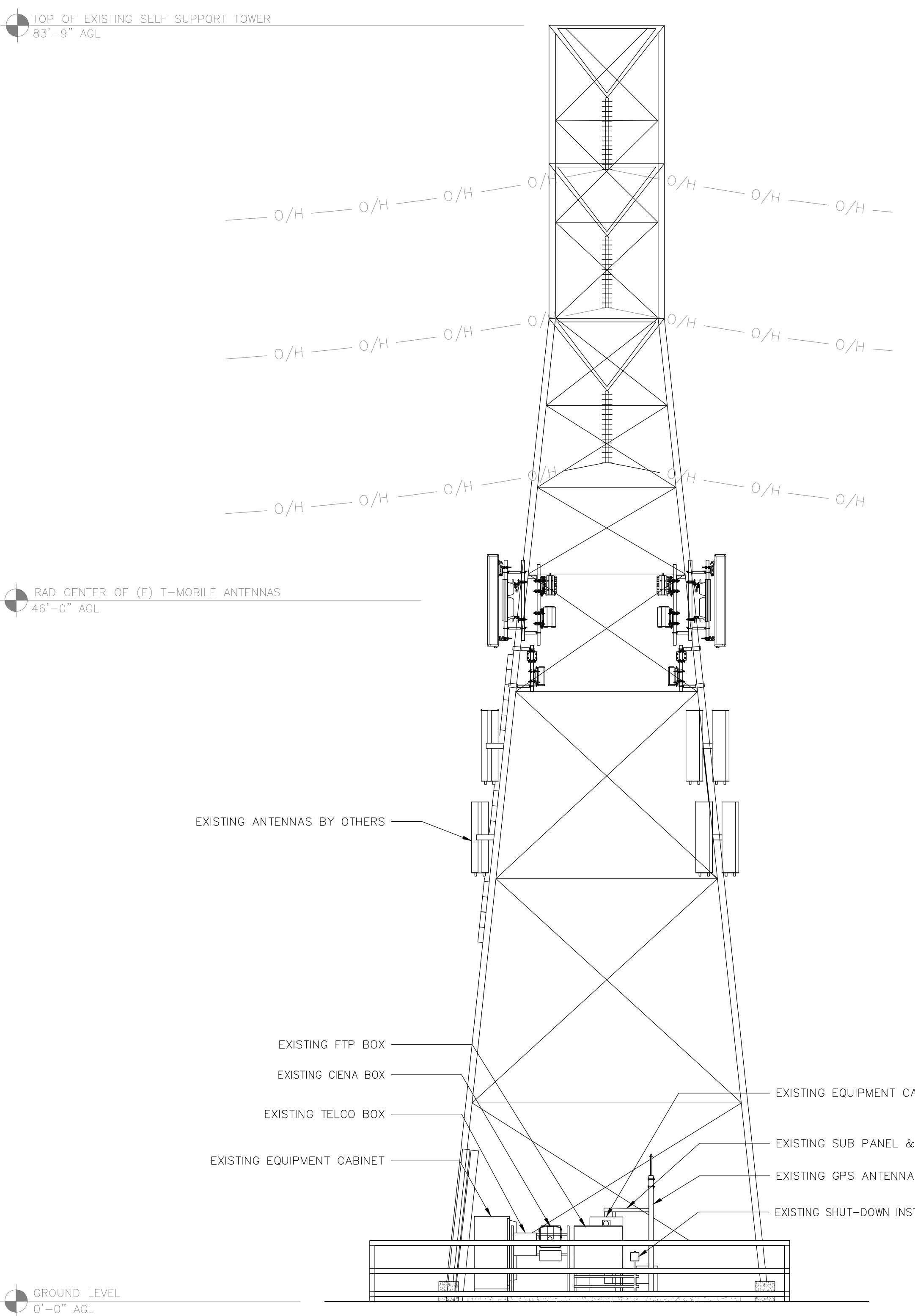


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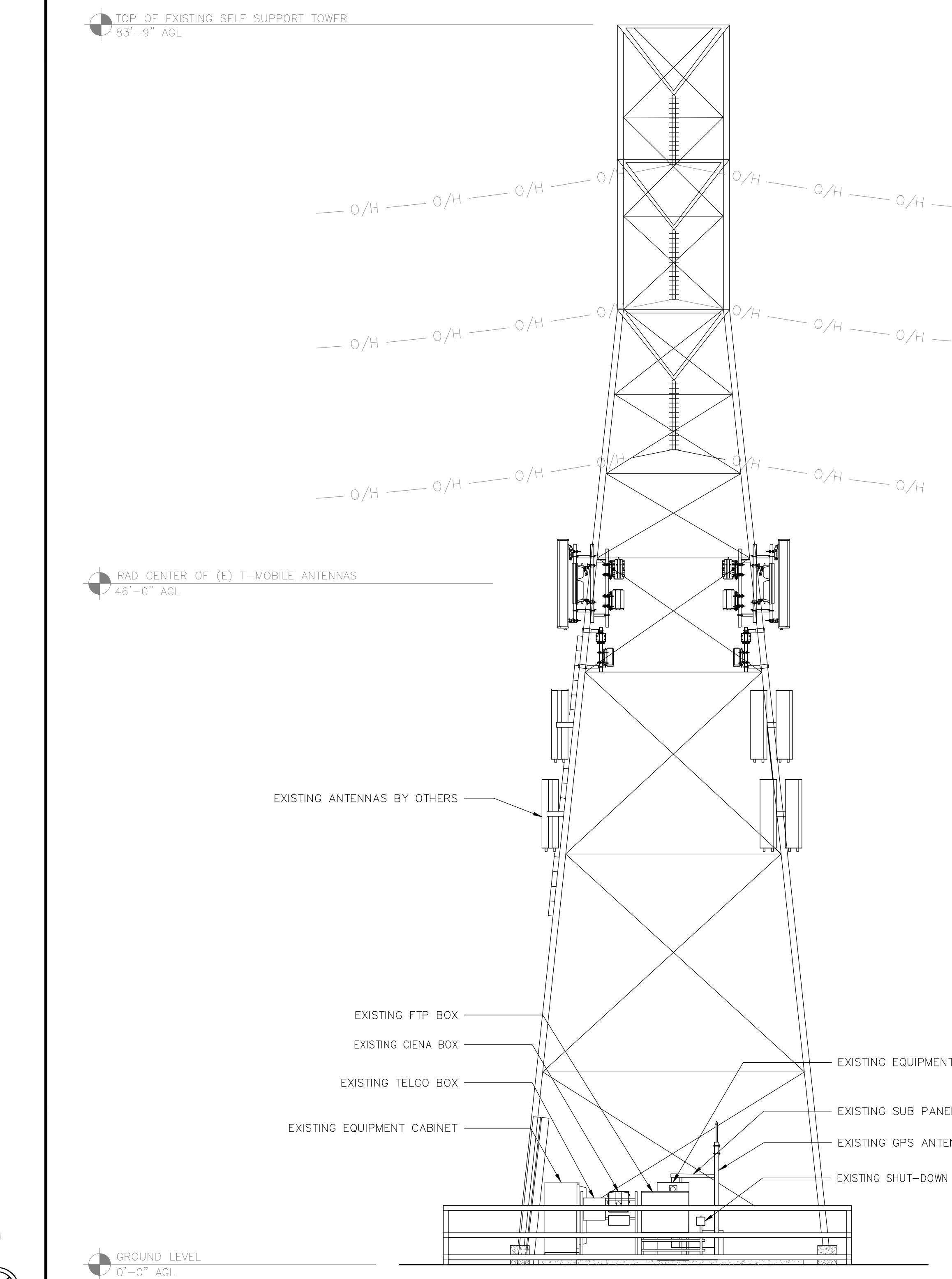
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SHEET TITLE  
ELEVATIONS

SHEET NUMBER  
**E-6**



EXISTING NORTH ELEVATION



2 NEW NORTH ELEVATION

24"x36" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0" 4' 2' 0" 4'

1

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LICENSED PROFESSIONAL ENGINEER

JEFF ERTELT

E 21680

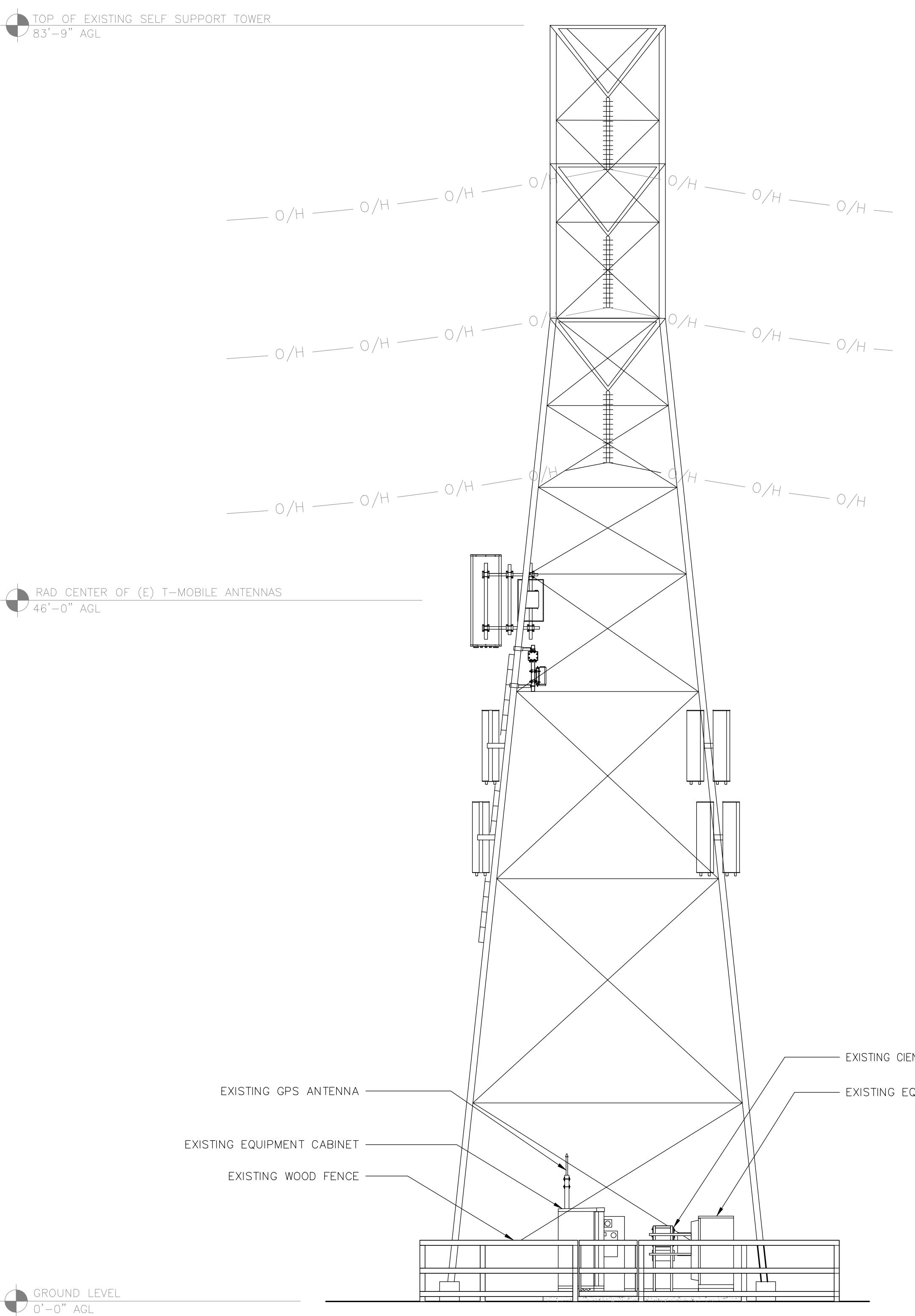
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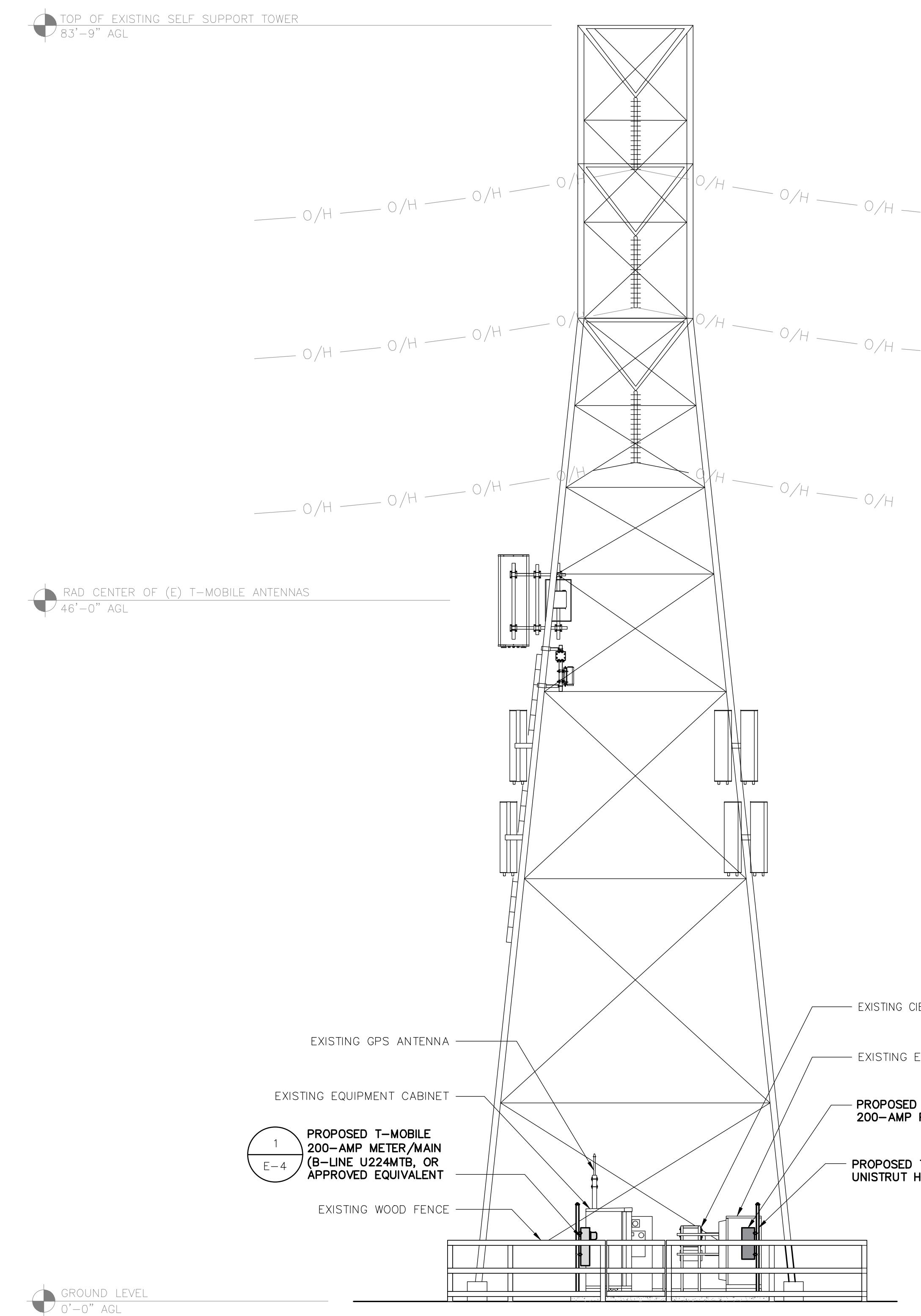
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SHEET TITLE  
ELEVATIONS

SHEET NUMBER  
**E-7**



**EXISTING SOUTH ELEVATION**



**NEW SOUTH ELEVATION**

24"x36" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0" 4' 2' 0" 4'

1



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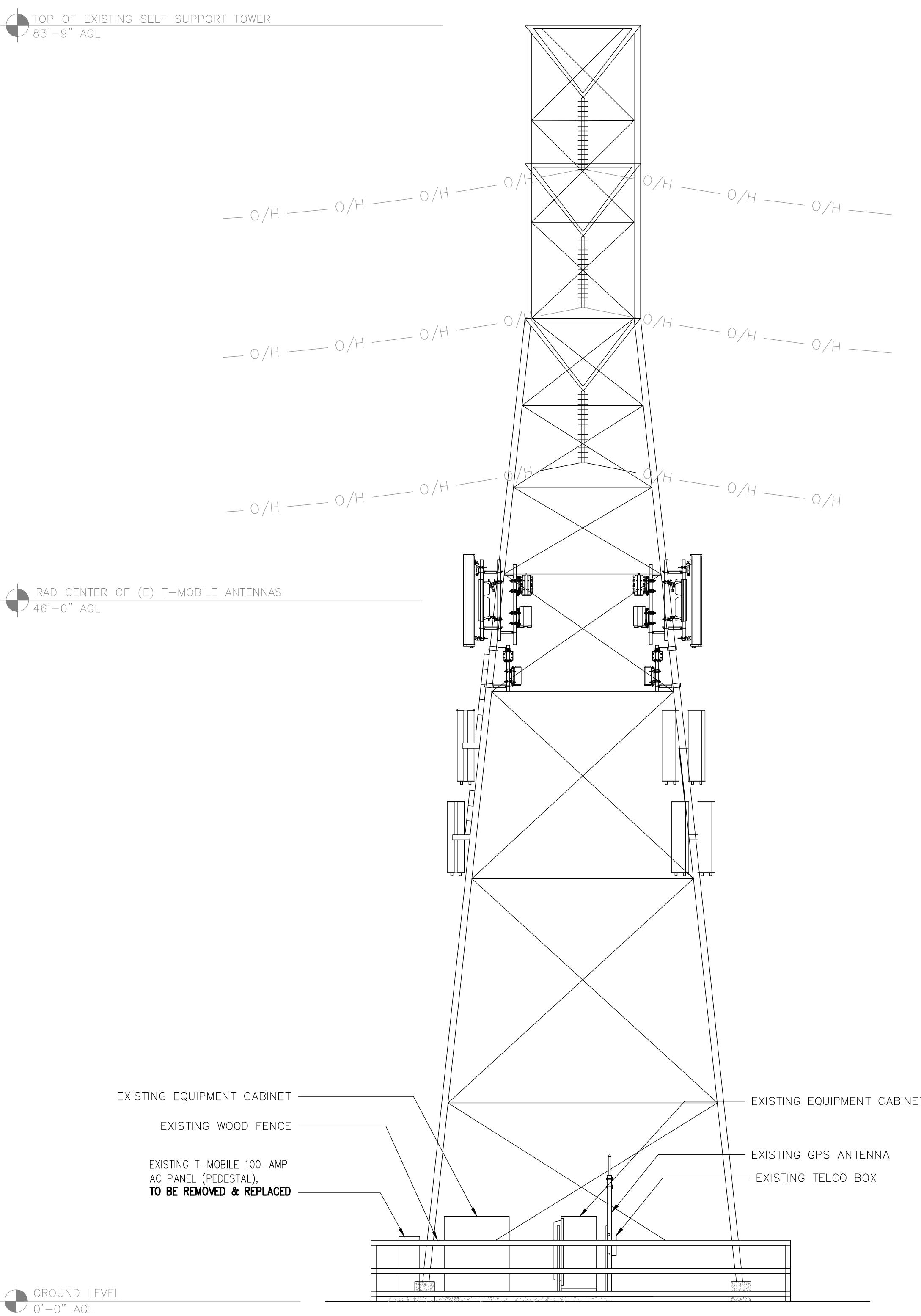
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SHEET TITLE  
ELEVATIONS

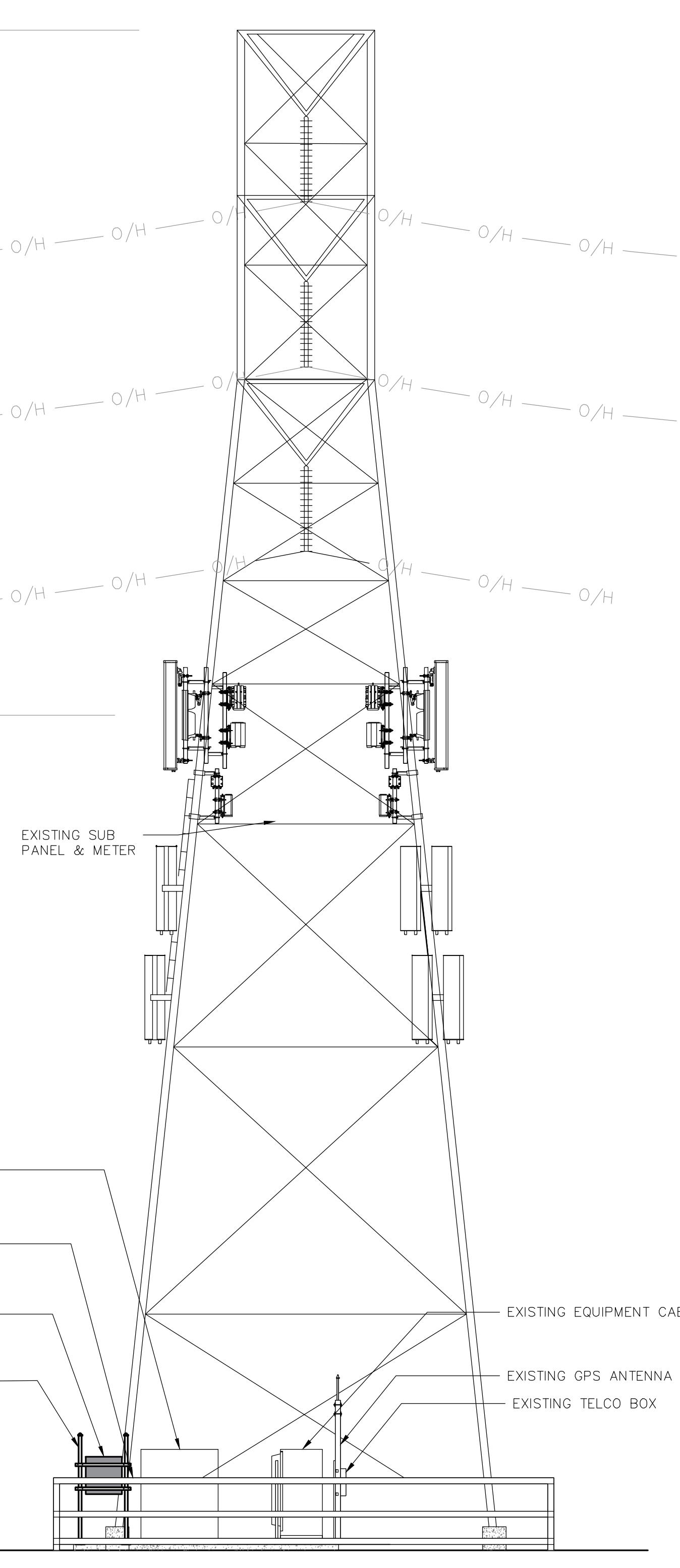
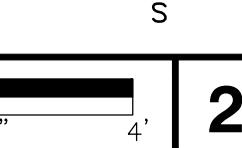
SHEET NUMBER

E-8



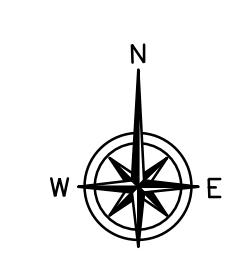
# EXISTING EAST ELEVATION

24" x 36" SCALE: 3/16" = 1'-0"      4'      2



## NEW EAST ELEVATION

24" x 36" SCALE: 3/16" = 1'-0"        
11" x 17" SCALE: 3/32" = 1'-0"      4'      2'



1

**T-Mobile**

1855 GATEWAY BLVD., 9th FLOOR  
CONCORD, CA 94520

**J5 INFRASTRUCTURE PARTNERS**  
AZ - CA - CO - ID - NM - NV - TX - UT

23 MAUCHLY, SUITE 110  
IRVINE, CA 92618

PROJECT ID: BA01234A  
DRAWN BY: CL  
CHECKED BY: WR

REV	DATE	DESCRIPTION
10	09/11/2025	SA REDLINES
9	06/10/2025	PPC COMMENTS
8	11/21/2024	REVISED 100s CDs
7	09/19/2024	REVISED 100s CDs
6	06/17/2021	PPC COMMENTS
5	04/24/2024	PPC COMMENTS
4	05/09/2023	UPDATED CODES
3	10/12/2022	EE REVIEW
2	08/22/2022	PANEL RELOCATION
1	12/09/2020	CLIENT COMMENTS
0	10/30/2020	100% CD'S FOR SUBMITTAL

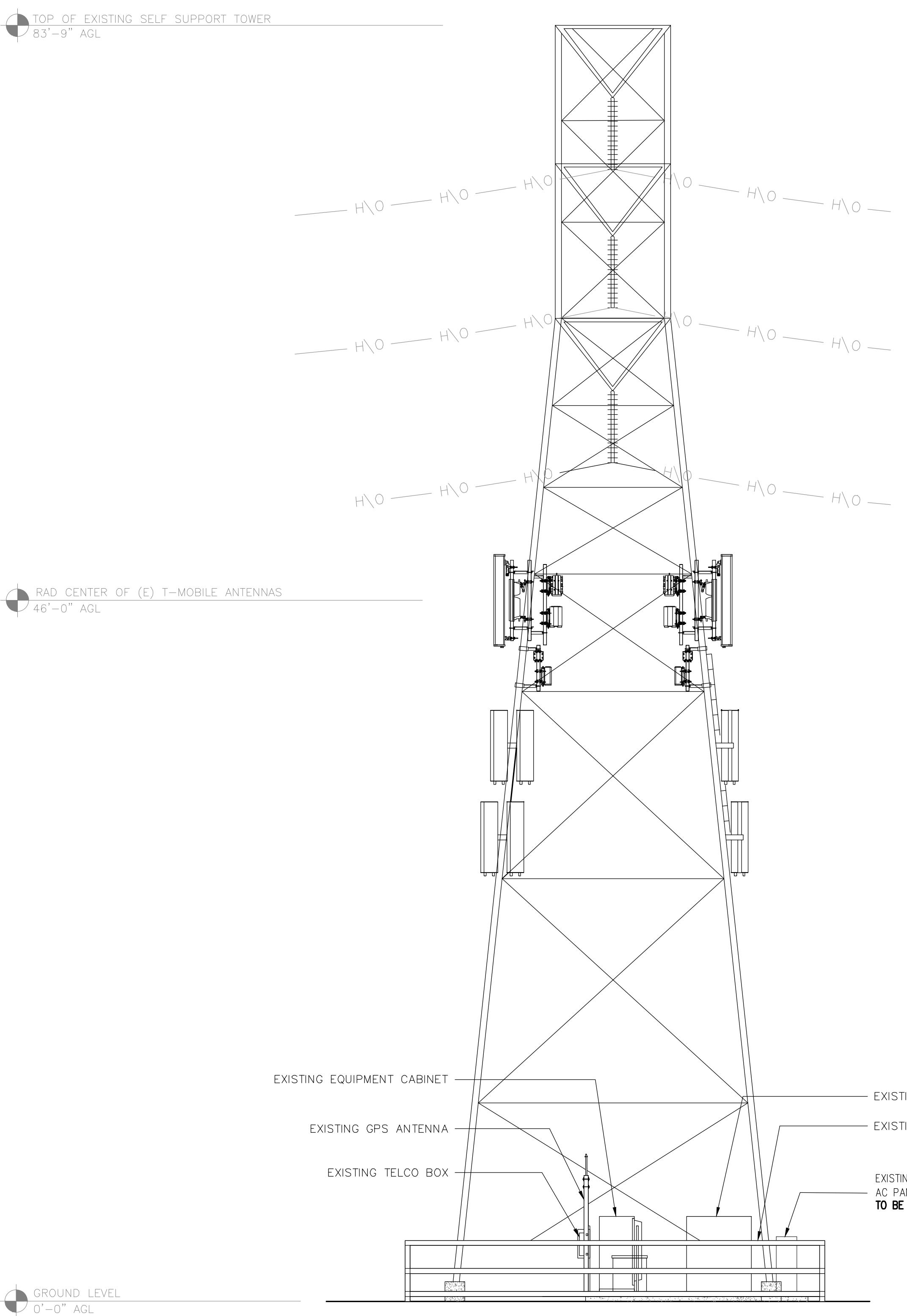
  
LICENSED PROFESSIONAL ENGINEER  
JEFF ERTLET  
E 21680  
ELECTRICAL  
STATE OF CALIFORNIA  
9/25/2025

IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER THIS DOCUMENT.

**BA01234A**  
HILLVIEW PL234 THOMAS CATTLE RANCH  
4500 HILLVIEW DRIVE  
PITTSBURG, CA 94501  
CONTRA COSTA COUNTY

SHEET TITLE  
ELEVATIONS

SHEET NUMBER  
**E-9**



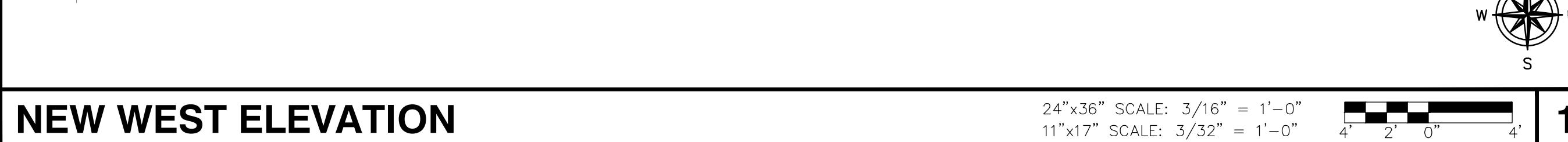
**EXISTING WEST ELEVATION**

24"x36" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0"  
4' 2' 0" 4'

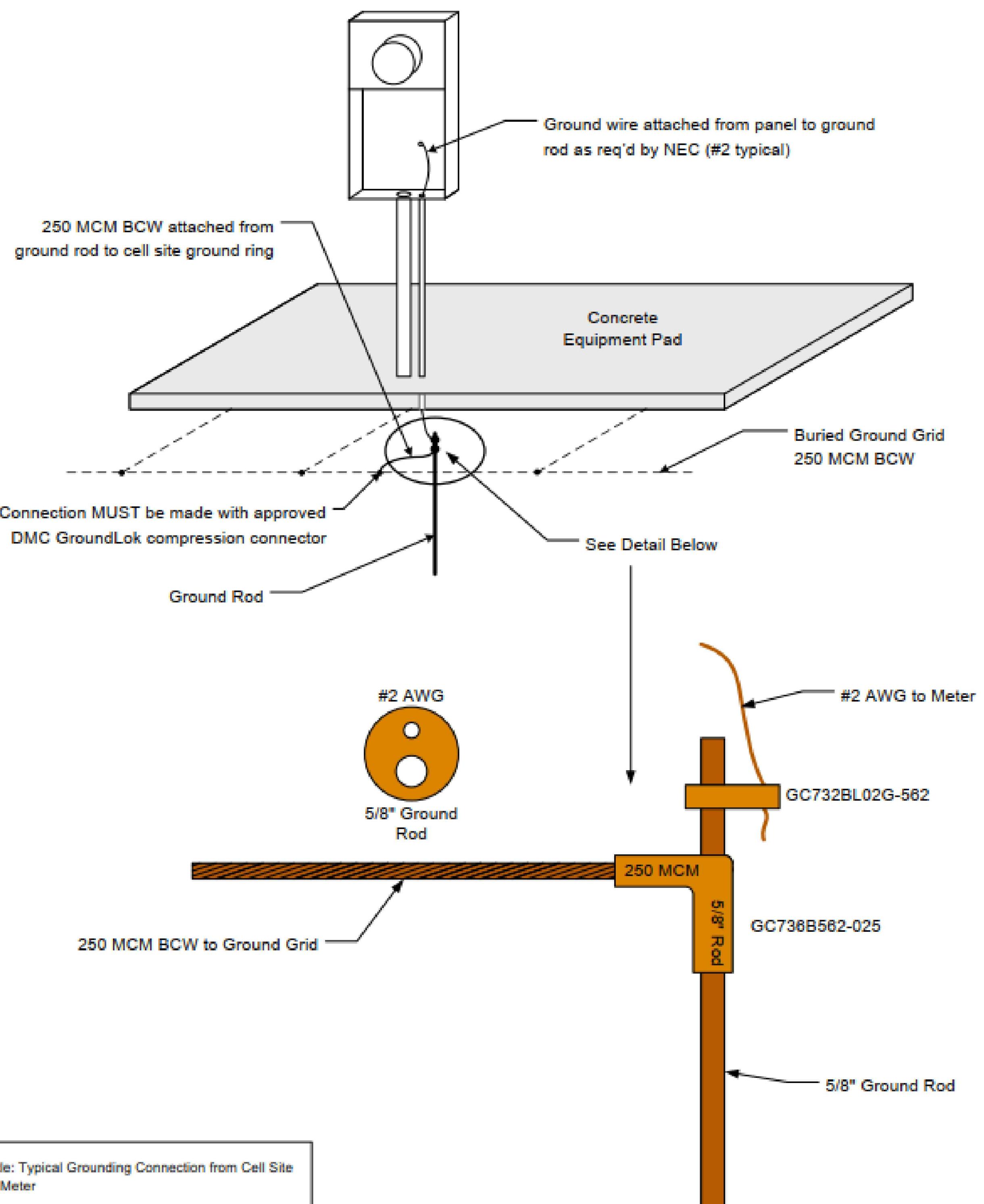
**2 NEW WEST ELEVATION**

24"x36" SCALE: 3/16" = 1'-0"  
11"x17" SCALE: 3/32" = 1'-0"  
4' 2' 0" 4'

1



**'DETAIL D'**  
Typical Meter Connection to Ground Grid



Title: Typical Grounding Connection from Cell Site to Meter

Drawn By: Steve Maddix	SIZE 0	Revision Date: 8/4/2011	DWG NO Meter Connection - Detail 'D'	REV 3
Approved By: Marcia Eblen, PE	SCALE none		SHEET 1 of 1	

**METER GROUNDING DETAIL**

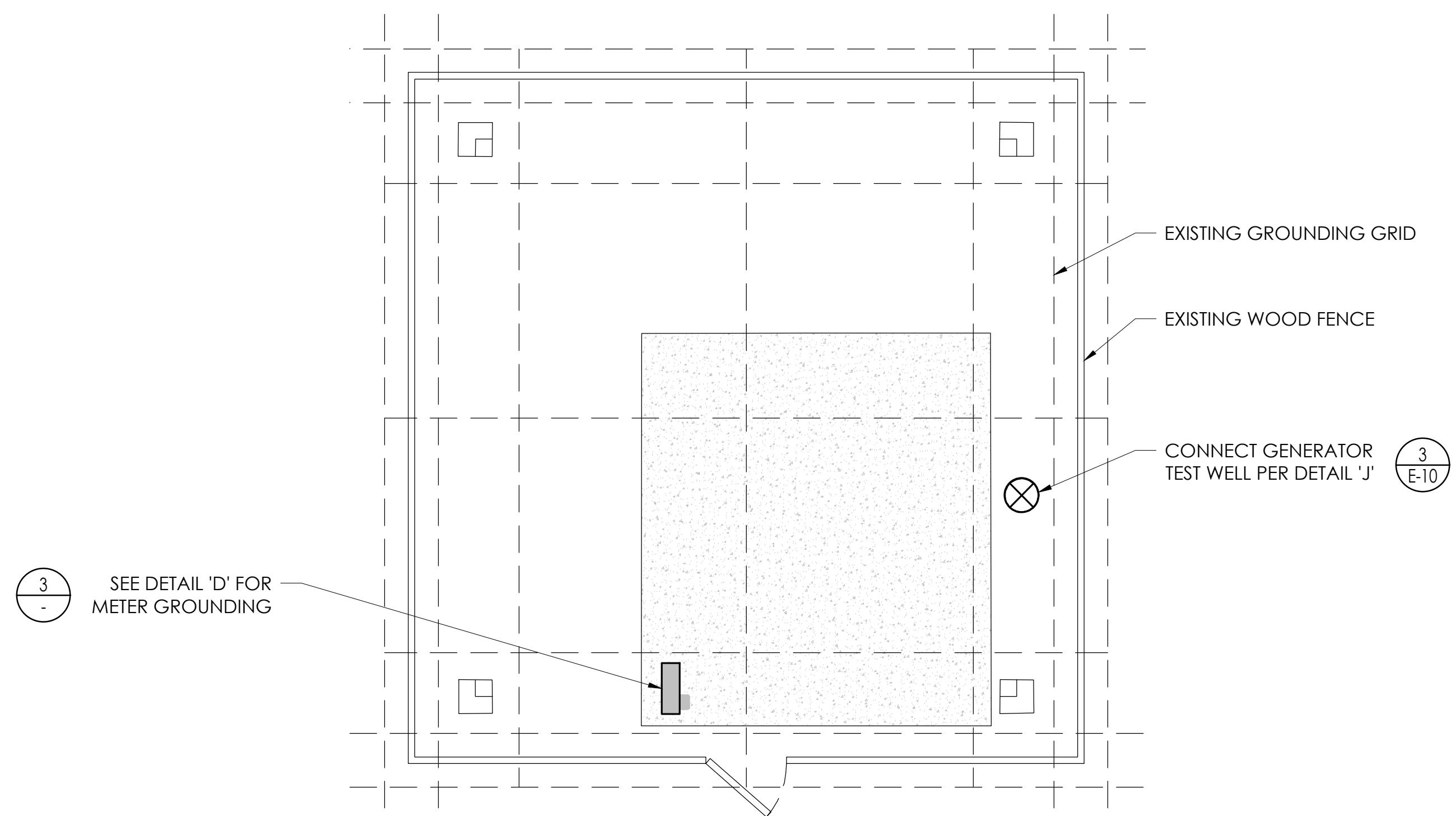
**GROUNDING NOTES:**

1. ALL GROUNDING CONNECTIONS AND GRID INTERSECTIONS SHALL BE MADE USING APPROVED 'DMC' GROUNDKOOL SYSTEM' COMPRESSION COMPONENTS.
2. GROUND GRID SAFETY CALCULATIONS ARE BASED ON THE GROUND GRID CONDUCTORS BEING AT 18" BELOW NATURAL GRADE WITH A CONCRETE EQUIPMENT PAD OF NO MORE THAN 8" THICK. ANY PAD THICKNESS GREATER THAN 8" MUST BE VERIFIED AS ACCEPTABLE BY THE GROUNDING DESIGNER.
3. ALL CONCRETE SHALL CONTAIN #4 REBAR WITH A 1'-0" MAXIMUM GRID SPACING. ALL REBAR INTERSECTIONS MUST BE SECURELY TIED TOGETHER. IF CONCRETE IS Poured IN SEPARATE SECTIONS, EACH SECTION MUST BE CONNECTED TO GROUND GRID WITH 2-250 KCMIL BCW OR EQUIVALENT.
4. COAX GROUND BUS MUST BE CONNECTED TO THE GROUND GRID WITH 2-250 KCMIL BCW OR EQUIVALENT. IF MORE THAN ONE GROUND BUS IS USED, ALL GROUND BUSES MUST BE EITHER CONNECTED TOGETHER OR CONNECTED TO GROUND GRID SEPARATELY WITH #2 BCW OR LARGER.
5. GROUND GRID BACKFILL MATERIAL (AT LEAST 6") COVERING THE 250 MCM BCW MUST BE CLEAN LOAMY MATERIAL (OR CONDUCTIVE MATERIAL) AND BE FREE OF ROCKS AND FOREIGN MATERIAL.
6. ALL FENCES MUST BE OF NON-CONDUCTIVE MATERIAL.
7. IF DRILLING IS REQUIRED TO ACHIEVE GROUND ROD DEPTH, A MINIMUM 2" HOLE IS REQUIRED. THE HOLE MUST BE BACKFILLED WITH BENTONITE (OR EQUIVALENT) MATERIAL.
8. CARE MUST BE TAKEN NOT TO DAMAGE THE EXISTING GROUND GRID. ANY DAMAGE TO THE GROUND GRID MUST BE REPAIRED OR REPLACED.
9. CONCRETE PAD SIZE OR ANY DIMENSION STATED ON SHEET 1 CAN NOT BE CHANGED WITHOUT PRIOR AUTHORIZATION FROM THE GROUNDING DESIGNER.
10. ELECTRIC METER MUST BE LOCATED FULLY WITHIN THE BOUNDARY OF THE CONCRETE PAD. ANY EXCEPTION TO THIS MUST BE CLEARED THROUGH MAVIS BEKOE PRIOR TO CONSTRUCTION (925) 807-9648 PRIOR TO CONSTRUCTION. SPECIAL SERVICE REQUIREMENTS MAY BE REQUIRED TO ISOLATE GROUND GRID FROM OTHER CUSTOMER NEUTRAL WIRES.
11. METER GROUND ROD MUST BE ATTACHED TO THE CELL SITE GROUND GRID WITH A 250 KCMIL BCW OR EQUIVALENT.

**REQUIRED DESIGN DETAILS**

**KEY NOTES:**

1. CARE MUST BE TAKEN NOT TO DAMAGE EXISTING GROUND GRID.
2. DAMAGED CONDUCTORS MUST BE REPAIRED OR REPLACED.



**3 GROUNDING PLAN**

24" x 36" SCALE: 1/2" = 1'-0" 1

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CONCORD, CA 94520

**J5 INFRASTRUCTURE PARTNERS**  
AZ - CA - CO - ID - NM - NV - TX - UT  
23 MAUCHLY, SUITE 110  
IRVINE, CA 92618

PROJECT ID: BA01234A  
DRAWN BY: CL  
CHECKED BY: WR

REV	DATE	DESCRIPTION
10	09/11/2025	SA REDLINES JDJ
9	06/10/2025	PPC COMMENTS JDJ
8	11/21/2024	REVISED 100s Cds BH
7	09/19/2024	REVISED 100s Cds BH
6	06/17/2021	PPC COMMENTS MA
5	04/24/2024	PPC COMMENTS JDJ
4	05/09/2023	UPDATED CODES WR
3	10/12/2022	EE REVIEW CL
2	08/22/2022	PANEL RELOCATION NC
1	12/09/2020	CLIENT COMMENTS SS
0	10/30/2020	100% C'd's FOR SUBMITTAL SS



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4500 HILLVIEW DRIVE  
PITTSBURG, CA 94501  
CONTRA COSTA COUNTY

SHEET TITLE  
GROUNDING PLAN AND NOTES

SHEET NUMBER  
**E-10**

**T-Mobile**

1855 GATEWAY BLVD., 9th FLOOR  
CONCORD, CA 94520

**J5 INFRASTRUCTURE PARTNERS**  
AZ - CA - CO - ID - NM - NV - TX - UT

23 MAUCHLY, SUITE 110  
IRVINE, CA 92618

PROJECT ID: BA01234A  
DRAWN BY: CL  
CHECKED BY: WR

REV	DATE	DESCRIPTION
10	09/11/2025	SA REDLINES
9	06/10/2025	PPC COMMENTS
8	11/21/2024	REVISED 100s Cds
7	09/19/2024	REVISED 100s Cds
6	06/17/2024	PPC COMMENTS
5	04/24/2024	PPC COMMENTS
4	05/09/2023	UPDATED CODES
3	10/12/2022	EE REVIEW
2	08/22/2022	PANEL RELOCATION
1	12/09/2020	CLIENT COMMENTS
0	10/30/2020	100% C'd's FOR SUBMITTAL



LICENSED PROFESSIONAL ENGINEER  
JEFF ERTELT  
E 21680

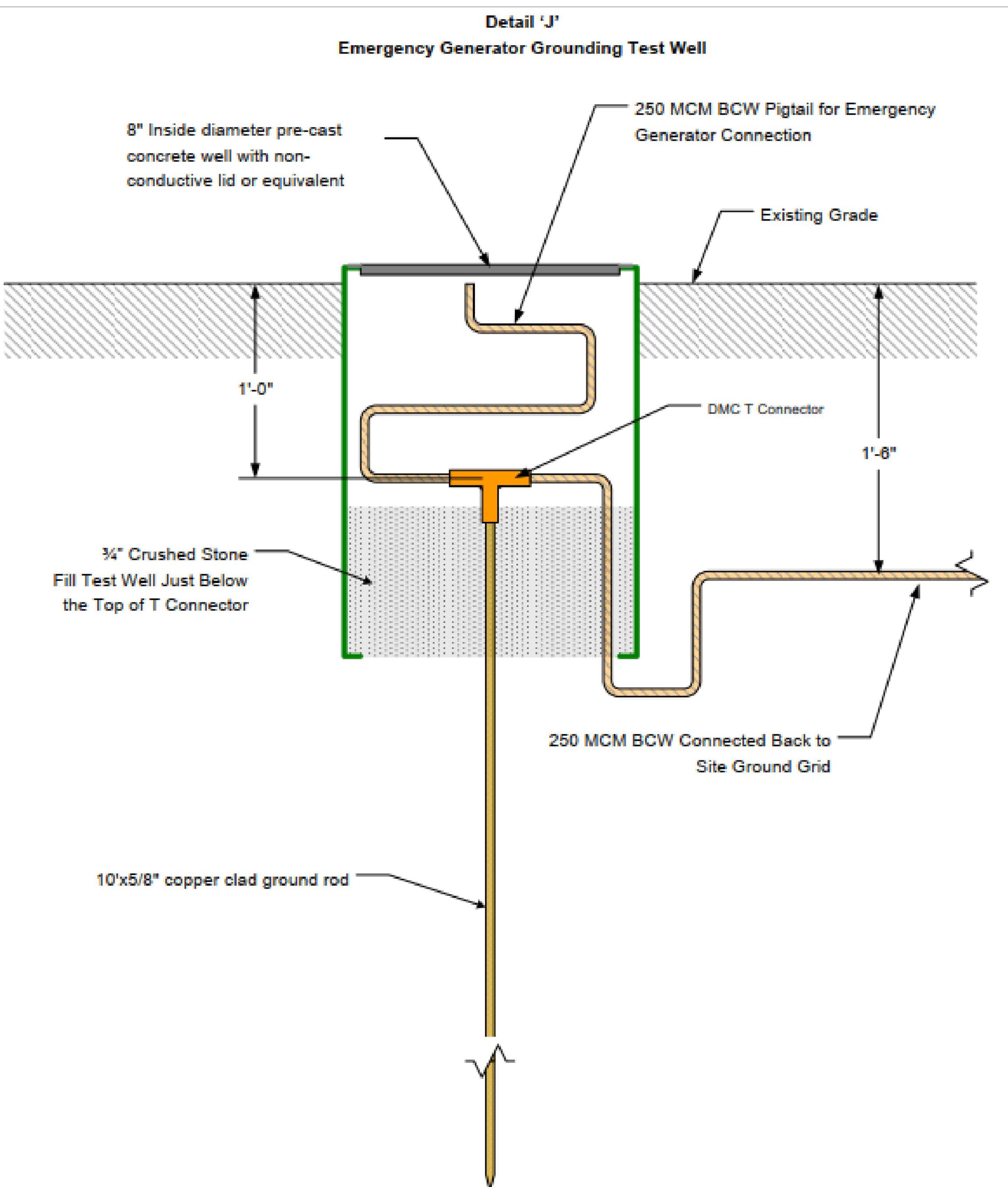
9/25/2025

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4500 HILLVIEW DRIVE  
PITTSBURG, CA 94501  
CONTRA COSTA COUNTY

SHEET TITLE  
GROUNDING PLAN  
AND NOTES

SHEET NUMBER  
**E-11**



Title: Typical Test Well for Emergency Generator Connection

Redrawn By: Greg Chang	SIZE 0	Revision Date: 3/24/2022	DWG NO Emergency Generator Grounding Test Well Detail 'J'	REV 1
	SCALE	none	SHEET	1 of 1

**METER GROUNDING DETAIL**

**3 NOT USED**

24"x36" SCALE: NTS  
11"x17" SCALE: NTS

**1**