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CALIFORNIA STATUTE
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3300 IRVINE AVE, STE. 300
NEWPORT BEACH, CA 92660



LAGUNA BOWL
17444499

10783 LOOKOUT DRIVE
LAGUNA BEACH, CA 92651

ORANGE COUNTY

SHEET TITLE:

TITLE SHEET

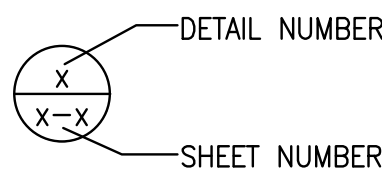
T-1

- 2022 CALIF. ADMINISTRATIVE CODE (INCL. TITLES 24 & 25)
- 2022 CALIFORNIA BUILDING CODES
- 2022 CALIFORNIA ELECTRICAL CODES
- 2022 CALIFORNIA MECHANICAL CODES
- 2022 CALIFORNIA PLUMBING CODES
- 2022 CALIFORNIA FIRE CODES
- 2022 CALIFORNIA ENERGY CODES
- TIA-222-H STANDARD
- LOCAL BUILDING CODES
- CITY/COUNTY ORDINANCES

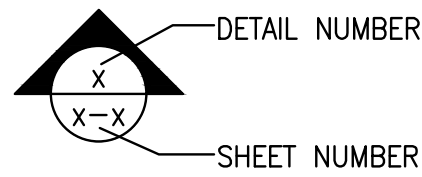
CONSTRUCTION DRAWINGS

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES

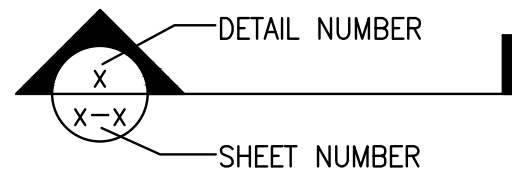
ABBREVIATIONS & SYMBOLS			
AB	ANCHOR BOLT	LAM	LAMINATED
AC	ASPHALTIC CONCRETE	LBS	POUNDS
A/C	AIR CONDITIONING	LT	LIGHT
A.F.F.	ADJUSTABLE ABOVE FINISH FLOOR	LA	LIGHTNING ARRESTER
ARCH	ARCHITECTURAL	LNA	LOW NOISE AMPLIFIER
APPROX.	APPROXIMATELY ABOVE		
A.G.L.	GRADE LEVEL ABOVE MEAN	MFR	MANUFACTURER
A.M.S.L.	SEA LEVEL	MAT	MATERIAL
		MAX	MAXIMUM
BD	BOARD	MECH	MECHANICAL
BLDG	BUILDING	MIN	MINIMUM
BLKG	BLOCKING	MISC	MISCELLANEOUS
BOT	BOTTOM	ML	METAL LATH
BSMT	BASEMENT	MO	MASONRY OPENING
BTS	BASE TRANSCIVER STATION	MS	MACHINE SCREW
		MTD	MOUNTED
		MTL	METAL
C	COURSE(S)		
CEM	CEMENT	(N)	NEW
CL	CHAIN LINK	NIC	NOT IN CONTRACT
CLG	CEILING	NO	NUMBER
CLR	CLEAR	NTS	NOT TO SCALE
COL	COLUMN		
CONC	CONCRETE		
CONST	CONSTRUCTION	OA	OVERALL
CONT CORR	CONTINUOUS CORRIDOR	O.C.	ON CENTER
CO	CONDUIT ONLY	OPNG	OPENING
		OPP	OPPOSITE
DIA	DIAMETER		
DBL	DOUBLE	PARTN	PARTITION
DEPT	DEPARTMENT	PL	PLATE
DEMO	DEMOLITION	PLAS	PLASTER
DIM	DIMENSION	PLYWD	PLYWOOD
DN	DOWN	POC	POINT OF CONNECTION
DR	DOOR	PROP	PROPERTY
DTL	DETAIL	PT	PRESSURE TREATED
DWG	DRAWING		
		R	RISER
(E)	EXISTING	REQD	REQUIRED
EA	EACH	RD	ROOF DRAIN
ELEC	ELECTRIC	RM	ROOM
ELEV	ELEVATION	RMS	ROOMS
EQUIP	EQUIPMENT	RO	ROUGH OPENING
EXP	EXPANSION		
EXT	EXTERIOR	SC	SOLID CORE
		SCH	SCHEDULE
FA	FIRE ALARM	SECT	SECTION
FB	FLAT BAR	SHT	SHEET
FF	FINISH FLOOR	SIM	SIMILAR
FH	FLAT HEAD	SPECS	SPECIFICATIONS
FIN	FINISH(ED)	SS	STAINLESS STEEL
FOS	FLOOR FACE OF STUDS	STL	STEEL
FS	FINISH SURFACE	STOR	STORAGE
FT	FOOT, FEET	STRUCT	STRUCTURAL
FTG	FOOTING	SUSP	SUSPENDED
FW	FINISH WALL	SW	SWITCH
F.G.	FINISH GRADE	SWBD	SWITCHBOARD
FRP	FIBER REINFORCED PLASTIC		
FUT	FUTURE	THK	THICK
		TI	TENANT IMPROVEMENT
GA	GAUGE	TMA	TOWER MOUNTED AMPLIFIER
GALV	GALVANIZED	TOS	TOP OF SURFACE
GL	GLASS	TS	TUBE STEEL
GR	GRADE	TYP	TYPICAL
GYP	GYPSUM		
GFCi	GROUND FAULT CIRCUIT INTERRUPTER	UNO	UNLESS NOTED OTHERWISE
GND	GROUND		
		VCT	VINYL COMPOSITION TILE
HC	HOLLOW CORE	VERT	VERTICAL
HDW	HARDWARE	V.I.F.	VERIFY IN FIELD
HTR	HEATER	VG	VERTICAL GRAIN
HM	HOLLOW METAL		
HORIZ	HORIZONTAL	W/	WITH
HR	HOOR	WD	WOOD
HT	HEIGHT	WR	WATER RESISTANT
HV	HIGH VOLTAGE	WT	WEIGHT
ID	INSIDE DIMENSION	XFMR	TRANSFORMER
INS	INSULATION		
INT	INTERIOR		
JT	JOINT		



DETAIL REFERENCE



EXTERIOR ELEVATION REFERENCE



DETAIL SECTION REFERENCE

GENERAL NOTES:

- THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER OF ANY ERRORS, OMISSIONS, OR DISCREPANCIES AS THEY MAY BE DISCOVERED IN THE PLANS, SPECIFICATIONS, & NOTES PRIOR TO STARTING CONSTRUCTION. INCLUDING BUT NOT LIMITED BY DEMOLITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERRORS, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE METHOD OF CORRECTION SHALL BE APPROVED BY THE ARCHITECT/ENGINEER.
- PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR HAS THE RESPONSIBILITY TO LOCATE ALL EXISTING UTILITIES, WHETHER OR NOT SHOWN ON THE PLANS, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR OR SUBCONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGE TO THE UTILITIES CAUSED DURING THE EXECUTION OF THE WORK.
- A COPY OF THE APPROVED PLANS SHALL BE KEPT IN A PLACE SPECIFIED BY THE GOVERNING AGENCY, AND BY LAW SHALL BE AVAILABLE FOR INSPECTION AT ALL TIMES. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL CONSTRUCTION SETS REFLECT THE SAME INFORMATION AS THE APPROVED PLANS. THE CONTRACTOR SHALL ALSO MAINTAIN ONE SET OF PLANS AT THE SITE FOR THE PURPOSE OF DOCUMENTING ALL AS-BUILT CHANGES, REVISIONS, ADDENDUM'S, OR CHANGE ORDERS. THE CONTRACTOR SHALL FORWARD THE AS-BUILT/HIRED DRAWINGS TO THE ARCHITECT/ENGINEER AT THE CONCLUSION OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE THE WORK IS IN PROGRESS UNTIL THE JOB IS COMPLETE.
- THE CONTRACTOR IS RESPONSIBLE TO PROVIDE TEMPORARY POWER, WATER, AND TOILET FACILITIES AS REQUIRED BY THE PROPERTY OWNER OR GOVERNING AGENCY.
- ALL CONSTRUCTION THROUGH THE PROJECT SHALL CONFORM TO THE LATEST CALIFORNIA BUILDING CODE AND ALL OTHER GOVERNING CODES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON NOR PROVIDE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.
- THE CONTRACTOR SHALL SUPERVISE AND COORDINATE ALL WORK, USING CONTRACTOR PROFESSIONAL KNOWLEDGE AND SKILLS. THEY ARE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES AND SEQUENCING AND COORDINATING ALL PORTIONS OF THE WORK UNDER THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTIONS WITH RESPECT TO THE WORK TO COMPLETE THE PROJECT. BUILDING PERMIT APPLICATIONS SHALL BE FILED BY THE OWNER OR THEIR REPRESENTATIVE. CONTRACTOR SHALL OBTAIN THE PERMIT AND MAKE FINAL PAYMENT OF SAID DOCUMENT.
- ALL DIMENSIONS TAKE PRECEDENCE OVER SCALE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS OR SUPPORTS FOR INSTALLATION OF ITEMS INDICATED ON THE DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE THE FIRE MARSHALL APPROVED MATERIALS TO FILL/SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES.
- NEW CONSTRUCTION ADDED TO EXISTING CONSTRUCTION SHALL BE MATCHED IN FORM, TEXTURE, MATERIAL AND PAINT COLOR EXCEPT AS NOTED IN THE PLANS.
- WHERE SPECIFIED, MATERIALS TESTING SHALL BE TO THE LATEST STANDARDS AVAILABLE AS REQUIRED BY THE LOCAL GOVERNING AGENCY RESPONSIBLE FOR RECORDING THE RESULTS.
- ALL GENERAL NOTES AND STANDARD DETAILS ARE THE MINIMUM REQUIREMENTS TO BE USED IN CONDITIONS WHICH ARE NOT SPECIFICALLY SHOWN OTHERWISE.
- ALL DEBRIS AND REFUGE IS TO BE REMOVED FROM THE PROJECT. PREMISES SHALL BE LEFT IN A CLEAN BROOM FINISHED CONDITION AT ALL TIMES.
- ALL SYMBOLS AND ABBREVIATIONS ARE CONSIDERED CONSTRUCTION INDUSTRY STANDARDS. IF A CONTRACTOR HAS A QUESTION REGARDING THEIR EXACT MEANING THE ARCHITECT/ENGINEER SHALL BE NOTIFIED FOR CLARIFICATIONS.
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES AND SEQUENCES OF PROCEDURES TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTORS SHALL VISIT THE SITE PRIOR TO BID TO ASCERTAIN CONDITIONS WHICH MAY ADVERSELY AFFECT THE WORK OR COST THEREOF.
- THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSION, ELEVATION, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW PORTION OF THE WORK TO THE EXISTING WORK. THE CONTRACTOR SHALL MAKE ALL MEASUREMENTS NECESSARY FOR FABRICATION AND ERECTION OF STRUCTURAL MEMBERS. AND DISCREPANCY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
- ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.
- NO CHANGES ARE TO BE MADE TO THESE PLANS WITHOUT THE KNOWLEDGE AND WRITTEN CONSENT OF THE ARCHITECT/ENGINEER. UNAUTHORIZED CHANGES RENDER THESE DRAWINGS VOID.
- ANY REFERENCE TO THE WORDS APPROVED, OR APPROVAL IN THESE DOCUMENTS SHALL BE HERE DEFINED TO MEAN GENERAL ACCEPTANCE OR REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR THEIR SUB-CONTRACTORS OF ANY LIABILITY IN FURNISHING THE REQUIRED MATERIALS OR LABOR SPECIFIED.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT IN CONJUNCTION WITH THE EXECUTION OF THIS WORK.
- GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER AND ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES FOUND WITHIN THE CONTRACT DOCUMENTS, PRIOR TO STARTING WORK.

SUBMITTALS:

- SUBMITTALS FOR SHOP DRAWINGS, MILL TESTS, PRODUCT DATA, ETC. FOR ITEMS DESIGNED BY THE ARCHITECT/ENGINEER OF RECORD SHALL BE MADE TO THE ARCHITECT/ENGINEER PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REVIEW THE SUBMITTAL BEFORE FORWARDING TO THE ENGINEER. SUBMITTALS SHALL BE MADE IN TIME TO PROVIDE A TWO-WEEK REVIEW PERIOD FOR THE ARCHITECT/ENGINEER. SUBMITTALS REQUIRED FOR EACH SECTION OF THESE NOTES ARE SPECIFIED IN THAT SECTION.

SITE PREPARATION NOTES:

- THE PREPARATION OF THE SITE FOR CONSTRUCTION SHALL INCLUDE THE REMOVAL OF ALL BROKEN CONCRETE, TREE TRUNKS AND ANY OTHER DEBRIS THAT WOULD BE DAMAGING TO THE FOOTINGS OF THE NEW STRUCTURE.
- BACK FILLING AT TRENCHES SHALL BE OF CLEAN, STERILE SOIL HAVING A SAND EQUIVALENT OF 30 OR GREATER. BACK FILLING SHALL BE DONE IN 8 INCH LAYERS, MOISTURE CONDITIONED AND PROPERLY COMPACTED. ADEQUATE DRAINAGE SHALL BE PROVIDED SUCH THAT NO PONDING OCCURS AFTER THESE RECOMMENDATIONS ARE APPROVED BY THE ARCHITECT/ENGINEER.
- ALL FOUNDATION FOOTINGS SHALL EXTEND INTO AND BEAR AGAINST NATURAL UNDISTURBED SOIL OR APPROVED COMPACTED FILL. FOOTINGS SHALL EXTEND INTO SOIL DEPTH INDICATED ON DETAILS.
- SHOULD ANY LOOSE FILL, EXPANSIVE SOIL, GROUND WATER OR ANY OTHER DANGEROUS CONDITIONS BE ENCOUNTERED DURING THE EXCAVATION FOR THE NEW FOUNDATION, THE ARCHITECT/ENGINEER SHALL BE NOTIFIED AND ALL FOUNDATION WORK SHALL CEASE IMMEDIATELY.
- WITHIN AN AREA A MINIMUM OF 5 FEET BEYOND THE BUILDING LIMITS, EXCAVATE A MINIMUM OF 4" OF EXISTING SOIL. REMOVE ALL ORGANICS, PAVEMENT, ROOTS, DEBRIS AND OTHERWISE UNSUITABLE MATERIAL.
- THE SURFACE OF THE EXPOSED SUBGRADE SHALL BE INSPECTED BY PROBING OR TESTING TO CHECK FOR POCKETS OF SOFT OR UNSUITABLE MATERIAL. EXCAVATE UNSUITABLE SOIL AS DIRECTED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY.
- PROOFROLL THE SURFACE OF THE EXPOSED SUBGRADE WITH A LOADED TANDEM AXLE DUMP TRUCK. REMOVE ALL SOILS WHICH PUMP OR DO NOT COMPACT PROPERLY AS DIRECTED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY.
- FILL ALL EXCAVATED AREAS WITH APPROVED CONTROLLED FILL. PLACE IN 8" LOOSE LIFTS AND THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-698. COMPACT TO A MINIMUM OF 90% RELATIVE COMPACTION
- THE STRUCTURAL DRAWINGS HERE IN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT ALL AREAS FROM DAMAGE WHICH MAY OCCUR DURING CONSTRUCTION. ANY DAMAGE TO NEW OR EXISTING SURFACES, STRUCTURES OR EQUIPMENT SHALL BE IMMEDIATELY REPAIRED OR REPLACED TO THE SATISFACTION OF THE PROPERTY OWNER. THE CONTRACTOR SHALL BEAR THE EXPENSE OF REPAIRING OR REPLACING ANY DAMAGED AREAS.
- WHEN REQUIRED STORAGE OF MATERIALS OCCURS, THEY SHALL BE EVENLY DISTRIBUTED OVER THE FLOOR OR ROOF SO AS NOT TO EXCEED THE DESIGNED LIVE LOADS FOR THE STRUCTURE. TEMPORARY SHORING OR BRACING SHALL BE PROVIDED WHERE THE STRUCTURE OR SOIL HAS NOT ATTAINED THE DESIGN STRENGTH FOR THE CONDITIONS PRESENT.
- BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH EXISTING STRUCTURAL AND OTHER CONDITIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE EXISTING WORK IN A SAFE CONDITION DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING WORK WHICH ARE TO REMAIN.

SHOP DRAWING REVIEW:

- REVIEW BY THE ARCHITECT/ENGINEER IS FOR GENERAL COMPLIANCE WITH THE DESIGN CONCEPT AND THE CONTRACT DOCUMENTS. MARKINGS OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, NOR DEPARTURES THERE FROM. THE CONTRACTOR REMAINS RESPONSIBLE FOR DETAILS AND ACCURACY, FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS. WHEN SHOP DRAWINGS DIFFER FROM OR ADD TO THE REQUIREMENTS OF THE STRUCTURAL DRAWINGS THEY SHALL BE DESIGNED AND STAMPED BY AN ENGINEER OF RECORD.

ACCESSIBILITY NOTE:

- THE TELECOMMUNICATIONS EQUIPMENT SPACE SHOWN HEREON THESE PLANS IS NOT CUSTOMARILY OCCUPIED. WORK TO BE PERFORMED IN THIS FACILITY CANNOT REASONABLY BE PERFORMED BY PERSONS WITH A SEVERE IMPAIRMENT: MOBILITY, SIGHT, AND/OR HEARING. THEREFORE, PER CALIFORNIA BUILDING CODE THIS FACILITY SHALL BE EXEMPTED FROM ALL TITLE 24 ACCESS REQUIREMENTS.

DISCLAIMER NOTE:

THE DESIGN SHOWN IN THESE PLANS ASSUME THAT ALL EXISTING STRUCTURAL ITEMS ARE IN "LIKE NEW" CONDITION AND THAT THE STRUCTURES HAVE BEEN PROPERLY MAINTAINED BY THE OWNER, INCLUDING ALL TOWER AND BUILDING COMPONENTS.

INSTALLATION PROCEDURES AND RELATED LOADINGS ARE NOT WITHIN THE SCOPE OF THIS DESIGN/DRAWING. A CONTRACTOR EXPERIENCED IN SIMILAR WORK SHOULD PERFORM ALL INSTALLATION WORK. THE ENGINEERING SERVICES PROVIDED BY CDG ARE LIMITED TO THE DESIGN OF THE STRUCTURE WITH THE PROPOSED AND EXISTING LOADS. THESE DRAWINGS ARE CONSIDERED VOID IF THE LOADING MENTIONED IN THESE DRAWINGS IS CHANGED OR IS DIFFERENT AS INSTALLED. IT IS ASSUMED THAT THE EXISTING STRUCTURE IS PROPERLY MAINTAINED AND IS IN GOOD CONDITION FREE OF ANY DEFECTS. ALSO THE VERIFICATION OF ANCHORAGE, PLATE AND BOLTS ARE NOT CHECKED AS COMPLETE ENGINEERING DATA IN NOT AVAILABLE FOR VERIFICATION. THE SCOPE OF THESE DRAWINGS DOES NOT INCLUDE EXISTING CONNECTIONS, EXCEPT AS NOTED. ALL EXISTING & PROPOSED ANTENNA/STRUCTURE DATA WAS PROVIDED BY OWNER. CDG IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY EXISTING DATA.

THESE DRAWINGS GENERATED BY CDG ARE FOR THE SCOPE GIVEN BY CDG, INC. AND THEIR CLIENT ONLY. WE DISCLAIM ANY RESPONSIBILITY OF THIS DRAWING BEING USED BY ANY PARTY OTHER THAN OUR CLIENT. CDG DOES NOT MAKE ANY WARRANTIES, EXPRESSED OR IMPLIED IN CONNECTION WITH THIS ENGINEERING DRAWING AND DISCLAIMS ANY LIABILITY ARISING FROM DEFICIENCIES OR ANY EXISTING CONDITIONS OF THE ORIGINAL STRUCTURE. CDG WILL NOT BE RESPONSIBLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SUSTAINED BY ANY PARTIES AS A RESULT OF ANY DATA OR CONCLUSIONS INCLUDED IN THIS DRAWING. THE MAXIMUM LIABILITY OF CDG PURSUANT TO THIS DRAWING SHALL BE LIMITED TO THE CONSULTING FEE RECEIVED FOR THE PREPARATION OF THE REPORT. ALL SERVICES ARE PERFORMED, RESULTS OBTAINED AND RECOMMENDATIONS MADE ARE IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRINCIPLES AND PRACTICES. CDG IS NOT RESPONSIBLE FOR THE CONCLUSIONS, OPINIONS AND RECOMMENDATIONS MADE BY OTHERS BASED ON THE INFORMATION OR DATA PROVIDED BY US.

ISSUE STATUS

REV.	DATE	DESCRIPTION	BY
0	02/20/25	90% CD'S FOR REVIEW	JPC
1	03/21/25	90% CD'S FOR REVIEW	JPC
2	05/08/25	90% C-BAND CDS FOR APPR.	JPC



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IRVINE, CALIFORNIA 92618
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LAGUNA BOWL
17444499

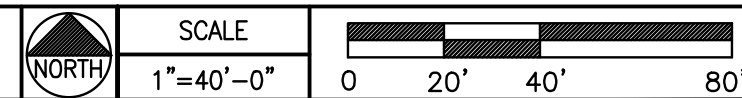
10783 LOOKOUT DRIVE
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ORANGE COUNTY

SHEET TITLE:
GENERAL NOTES AND SPECIFICATIONS

T-2

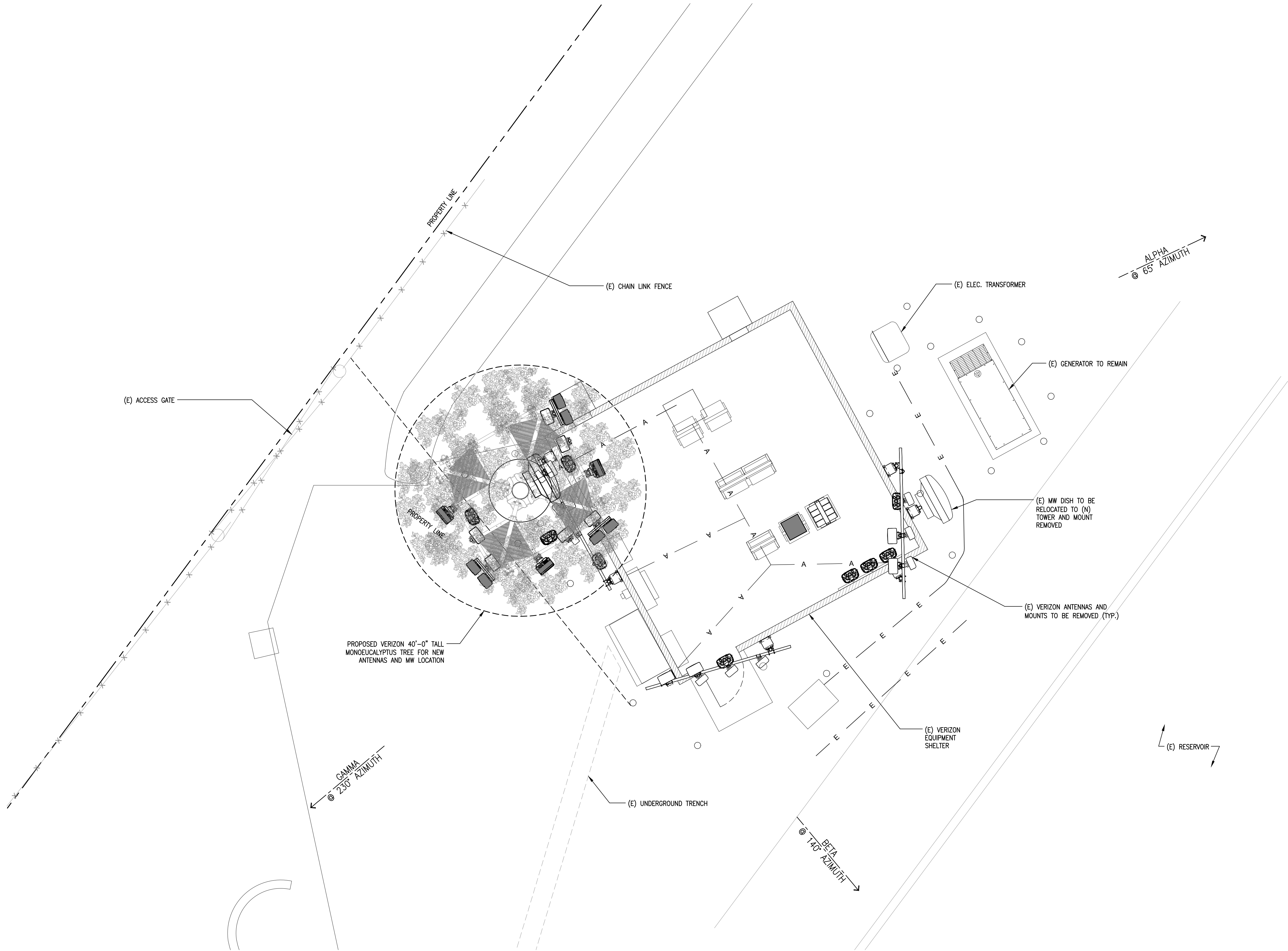
SITE PLAN



A-1

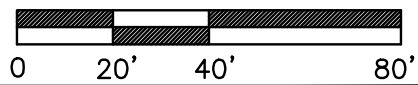
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SITE PLAN



SCALE

1"=40'-0"



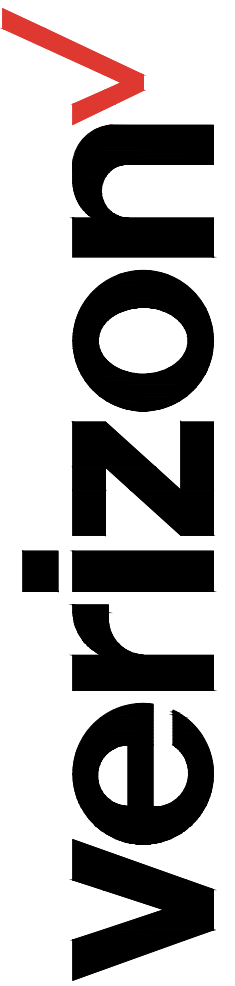
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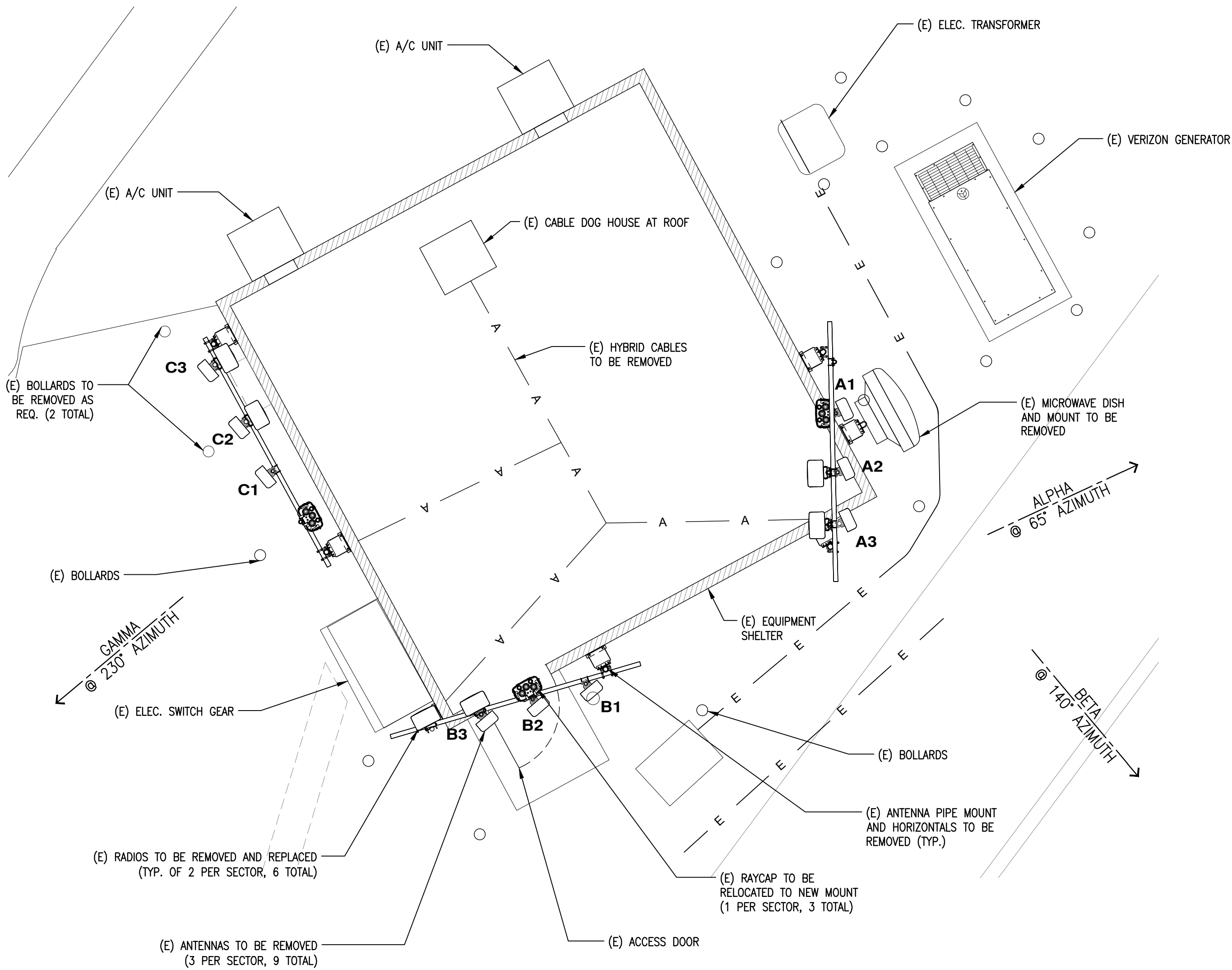

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SHEET TITLE:
ENLARGED SITE PLAN

A-1.1

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(E) ANTENNA LAYOUT



SCALE

1/4"=1'-0"



2

(E) ANTENNA SCHEDULE

EXISTING ANTENNA SCHEDULE								
SECTOR		ANTENNA		ANTENNA AZIMUTH	RAD CENTER	RAYCAP / RADIO	CABLE TYPE	CABLE LENGTH
		MODEL	SIZE					
SECTOR "A"	A1	RFS SBNHH-1D65C	96.5"	65°	28'-0"	RAYCAP	(3) HYBRID	90'
	A2	RFS SBNHH-1D65C	96.5"	65°	28'-0"	RADIO 8843		
	A3	UNUSED SPARE	-	-	-	RADIO 4449		
SECTOR "B"	B1	RFS SBNHH-1D65C	96.5"	140°	28'-0"	RAYCAP		
	B2	RFS SBNHH-1D65C	96.5"	140°	28'-0"	RADIO 8843		
	B3	UNUSED SPARE	-	-	-	RADIO 4449		
SECTOR "C"	C1	RFS SBNHH-1D65C	96.5"	230°	28'-0"	RAYCAP		
	C2	RFS SBNHH-1D65C	96.5"	230°	28'-0"	RADIO 8843		
	C3	UNUSED SPARE	-	-	-	RADIO 4449		

ISSUE STATUS

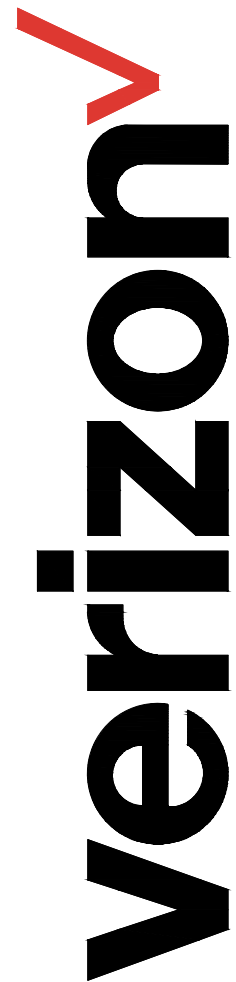
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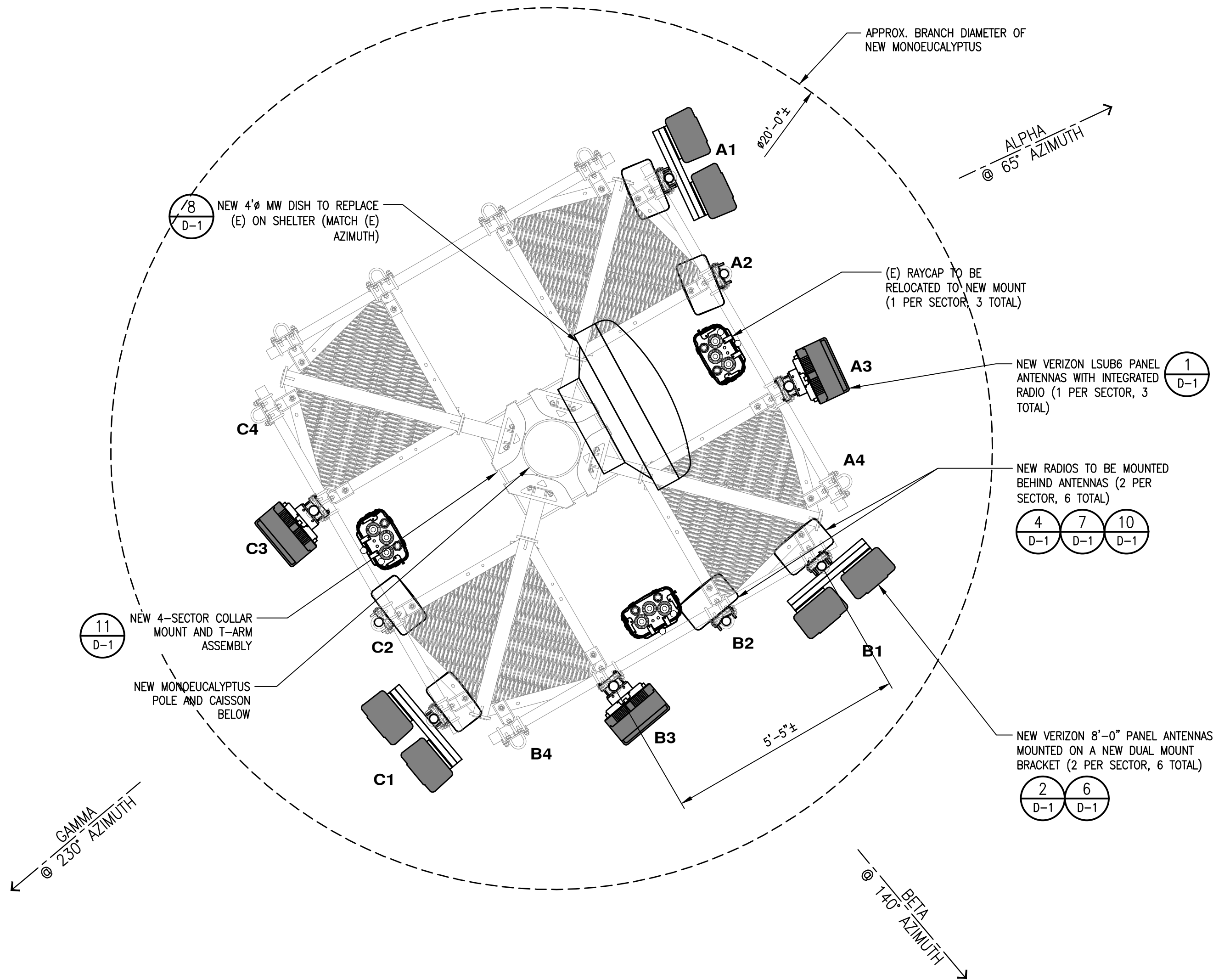
ORANGE COUNTY

SHEET TITLE:
(E) ANTENNA LAYOUT /
SCHEDULE

A-2

1

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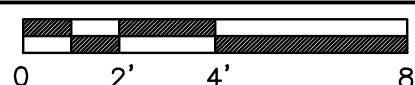


(N) ANTENNA LAYOUT



SCALE

1/4"=1'-0"



2

(N) ANTENNA SCHEDULE

NEW ANTENNA SCHEDULE							
SECTOR		ANTENNA		ANTENNA AZIMUTH	RAD CENTER	RAYCAP / RADIO	CABLE TYPE
		MODEL	SIZE				
SECTOR "A"	A1	(2) NHH-65C-R2B (DUAL MOUNT BRACKET)	95.9"	65°	28'-0"	RADIO 4490	(3) HYBRID
	A2	OPEN MOUNT	-	-	-	RADIO 4890	
	A3	LSUB6 W/ INTEGRATED RADIO	31.3"	65°	30'-9"	RAYCAP	
	A4	OPEN MOUNT	-	-	-	-	
SECTOR "B"	B1	(2) NHH-65C-R2B (DUAL MOUNT BRACKET)	95.9"	140°	28'-0"	RADIO 4490	
	B2	OPEN MOUNT	-	-	-	RADIO 4890	
	B3	LSUB6 W/ INTEGRATED RADIO	31.3"	140°	30'9"	RAYCAP	
	B4	OPEN MOUNT	-	-	-	-	
SECTOR "C"	C1	(2) NHH-65C-R2B (DUAL MOUNT BRACKET)	95.9"	230°	28'-0"	RADIO 4490	
	C2	OPEN MOUNT	-	-	-	RADIO 4890	
	C3	LSUB6 W/ INTEGRATED RADIO	31.3"	230°	30'-9"	RAYCAP	
	C4	OPEN MOUNT	-	-	-	-	

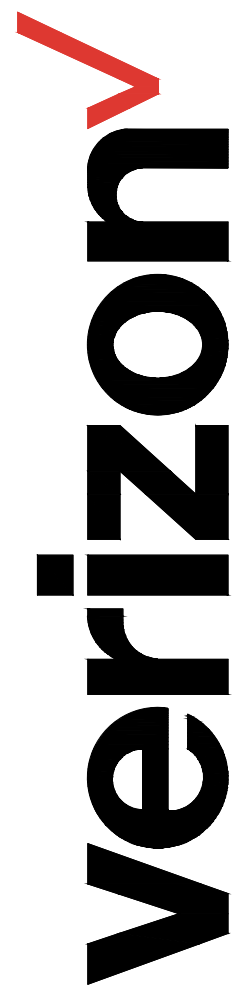
ISSUE STATUS			
REV.	DATE	DESCRIPTION	BY
0	02/20/25	90% CD'S FOR REVIEW	JPC
1	03/21/25	90% CD'S FOR REVIEW	JPC
2	05/08/25	90% C-BAND CDS FOR APPR.	JPC



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949.286.7000

LAGUNA BOWL
17444499

10783 LOOKOUT DRIVE
LAGUNA BEACH, CA 92651

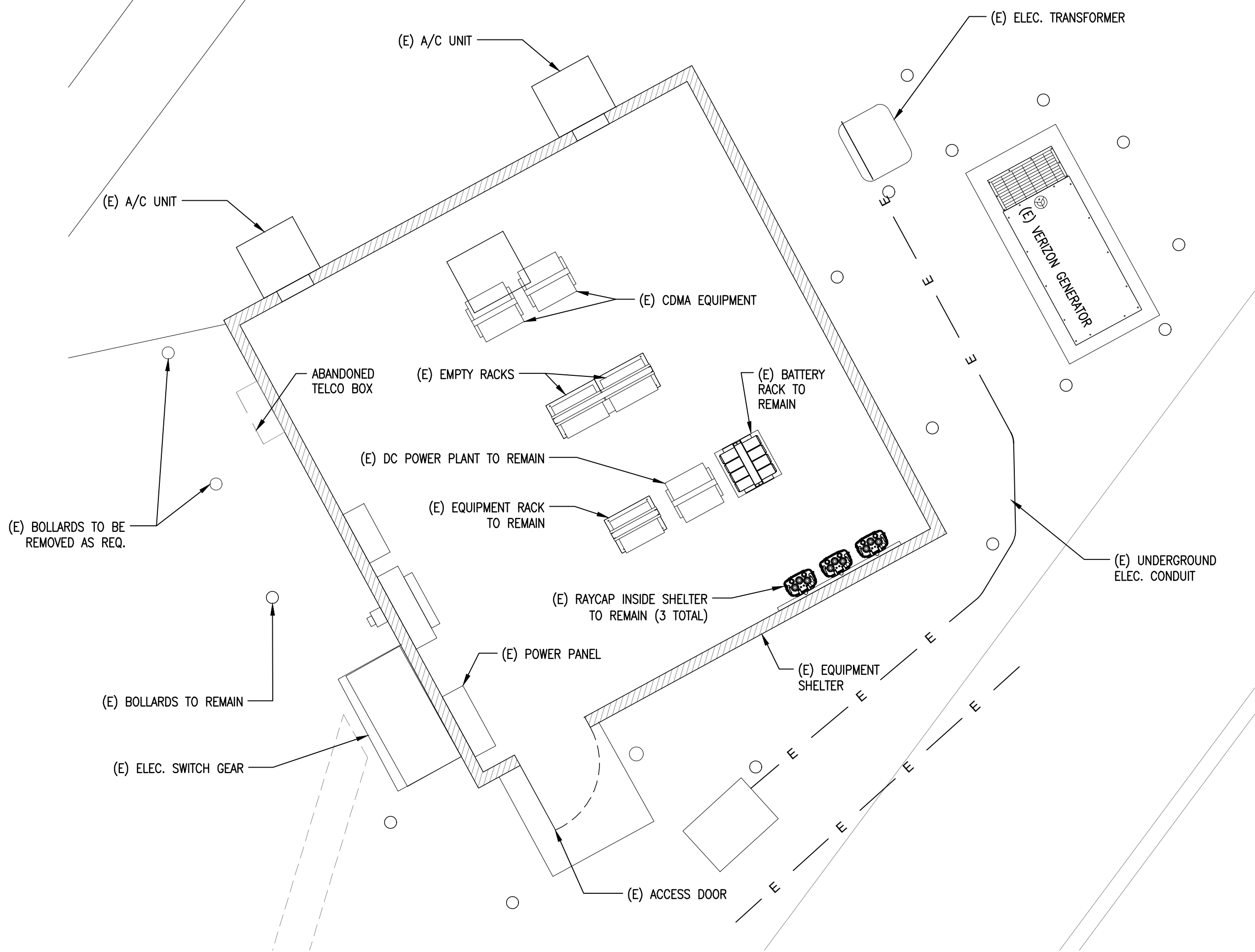
ORANGE COUNTY

SHEET TITLE:
(N) ANTENNA LAYOUT /
SCHEDULE

A-2.1

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES

(E) EQUIPMENT PLAN

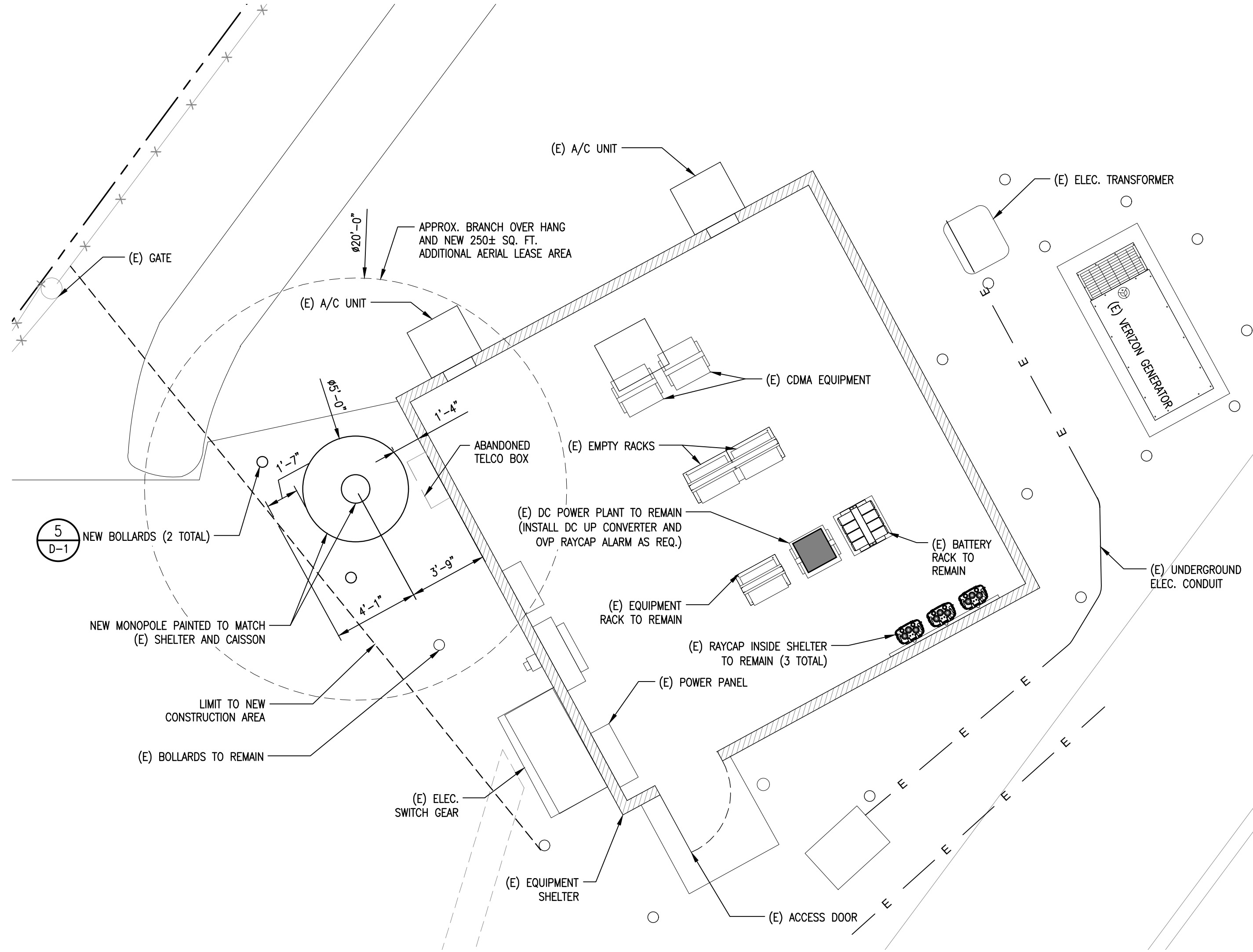


SCALE
1/4"=1'-0"

0 2' 4' 8'

2

(N) EQUIPMENT PLAN



5
D-1

ISSUE STATUS			
REV.	DATE	DESCRIPTION	BY
0	02/20/25	90% CD'S FOR REVIEW	JPC
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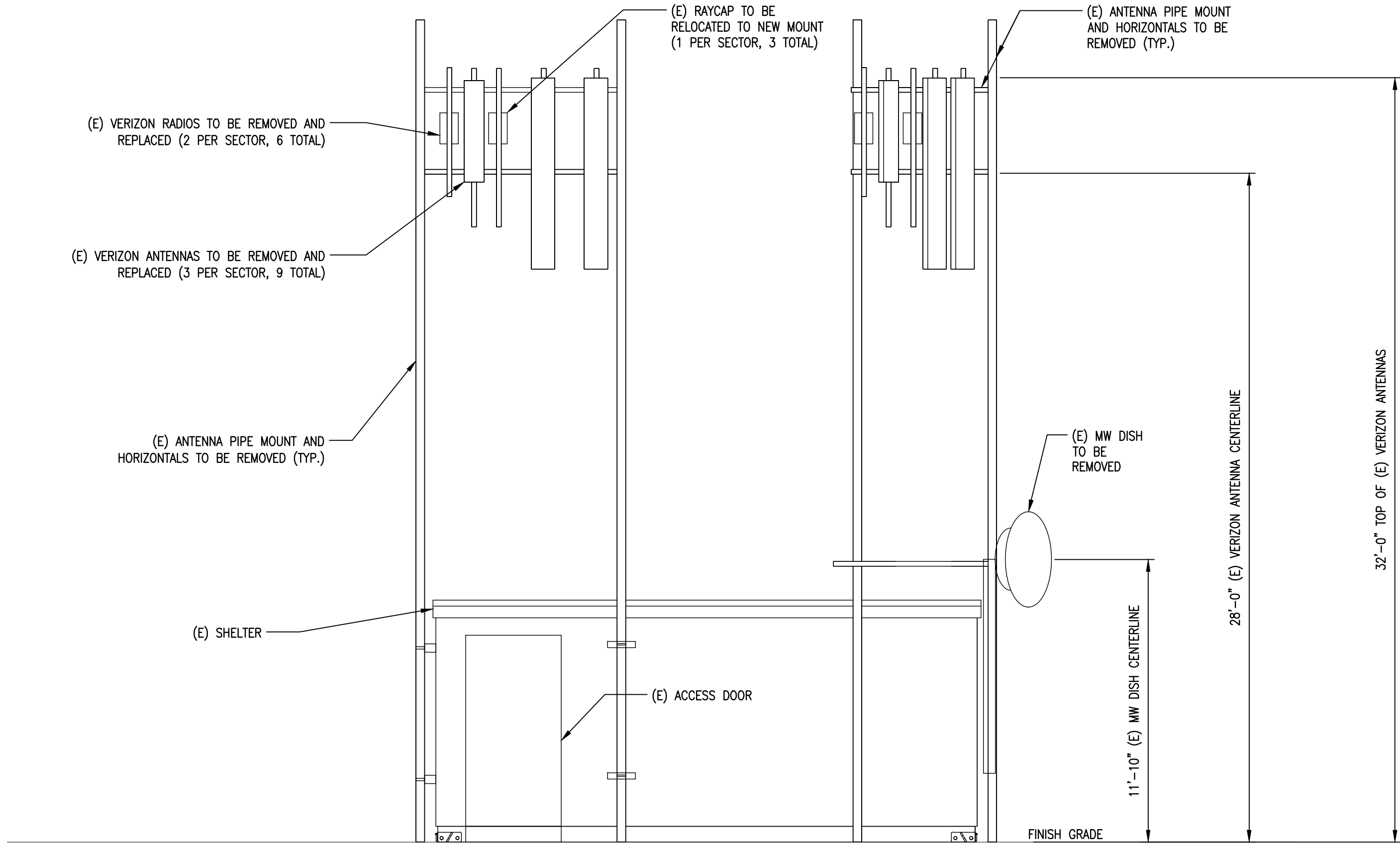
SHEET TITLE:
(E) AND (N) EQUIPMENT
PLAN

A-2.2

1

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES

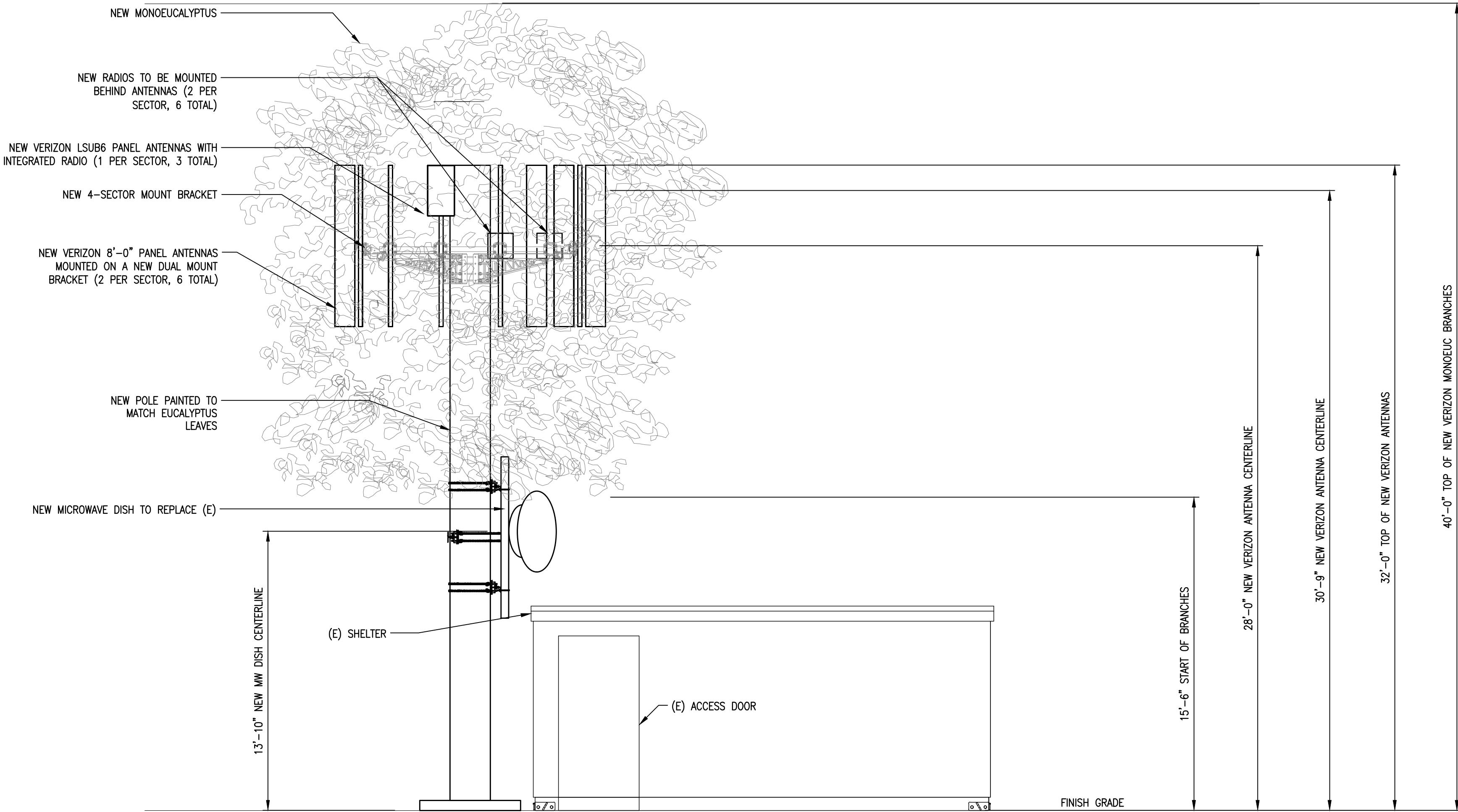
(E) SOUTH ELEVATION



SCALE	
3/16"=1'-0"	0 2' 4' 8'

1

NEW SOUTH ELEVATION



SCALE	
3/16"=1'-0"	0 2' 4' 8'

2

ISSUE STATUS

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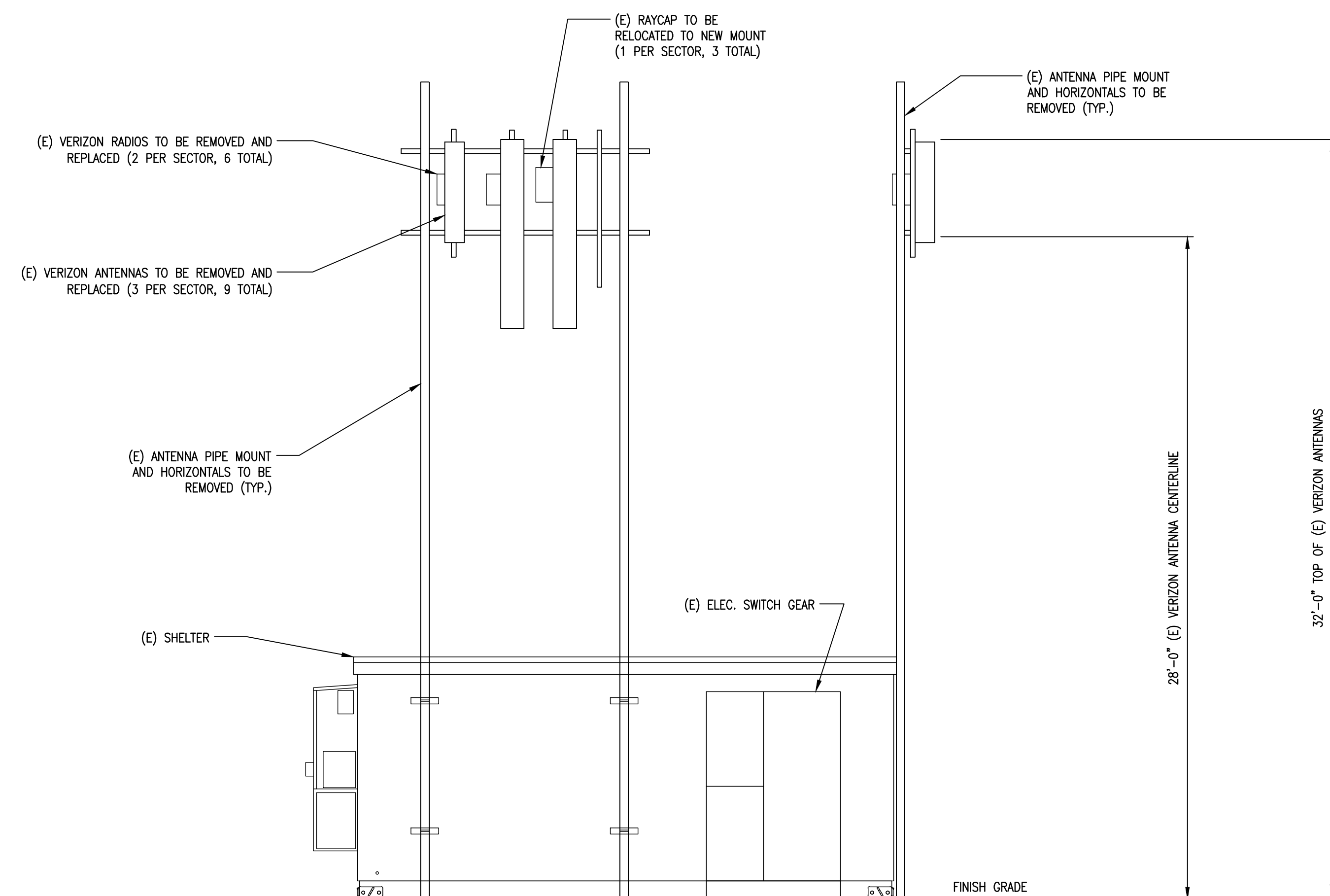
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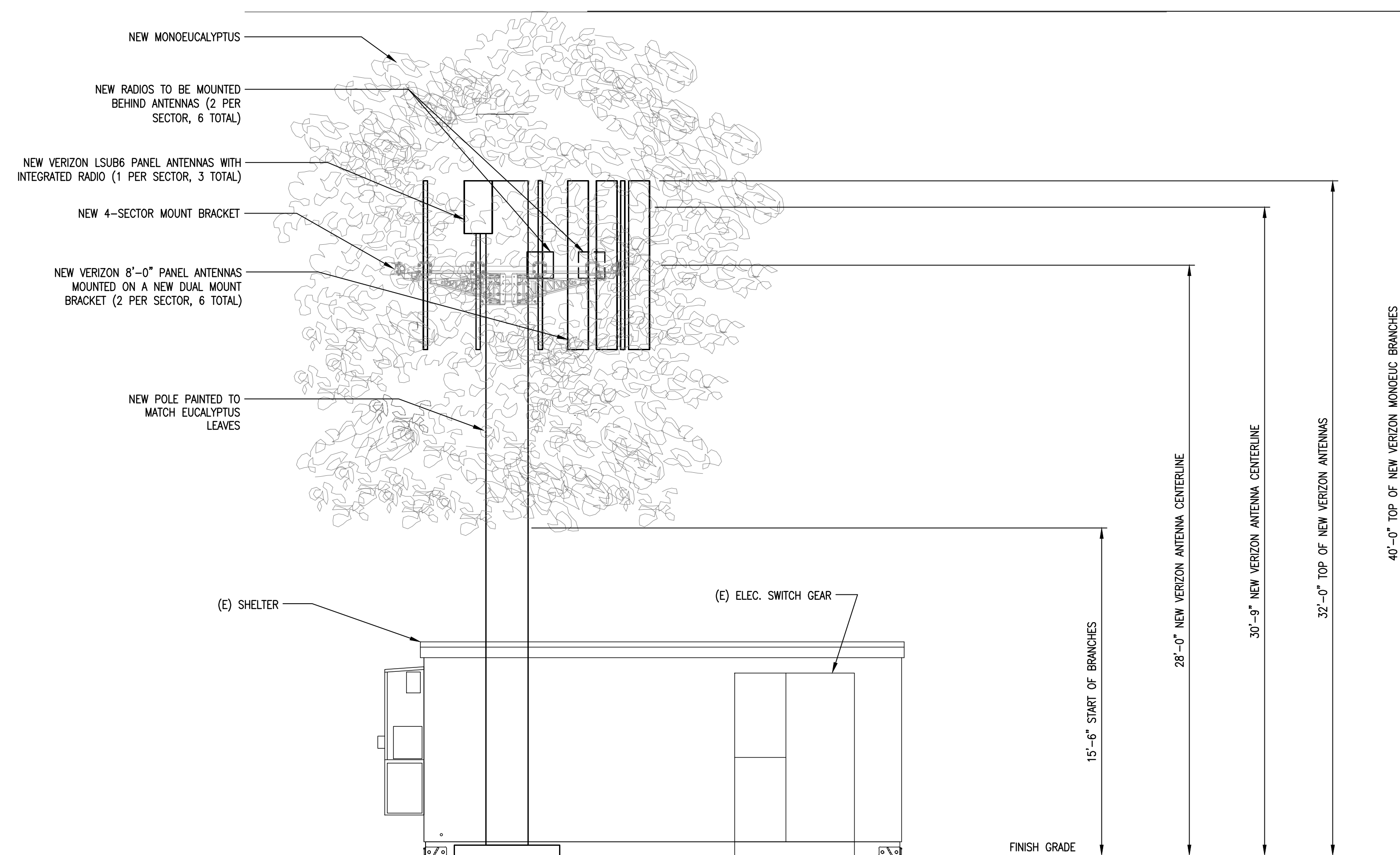
SHEET TITLE:

ELEVATIONS

A-3



EXISTING WEST ELEVATION



NEW WEST ELEVATION

[illegible]

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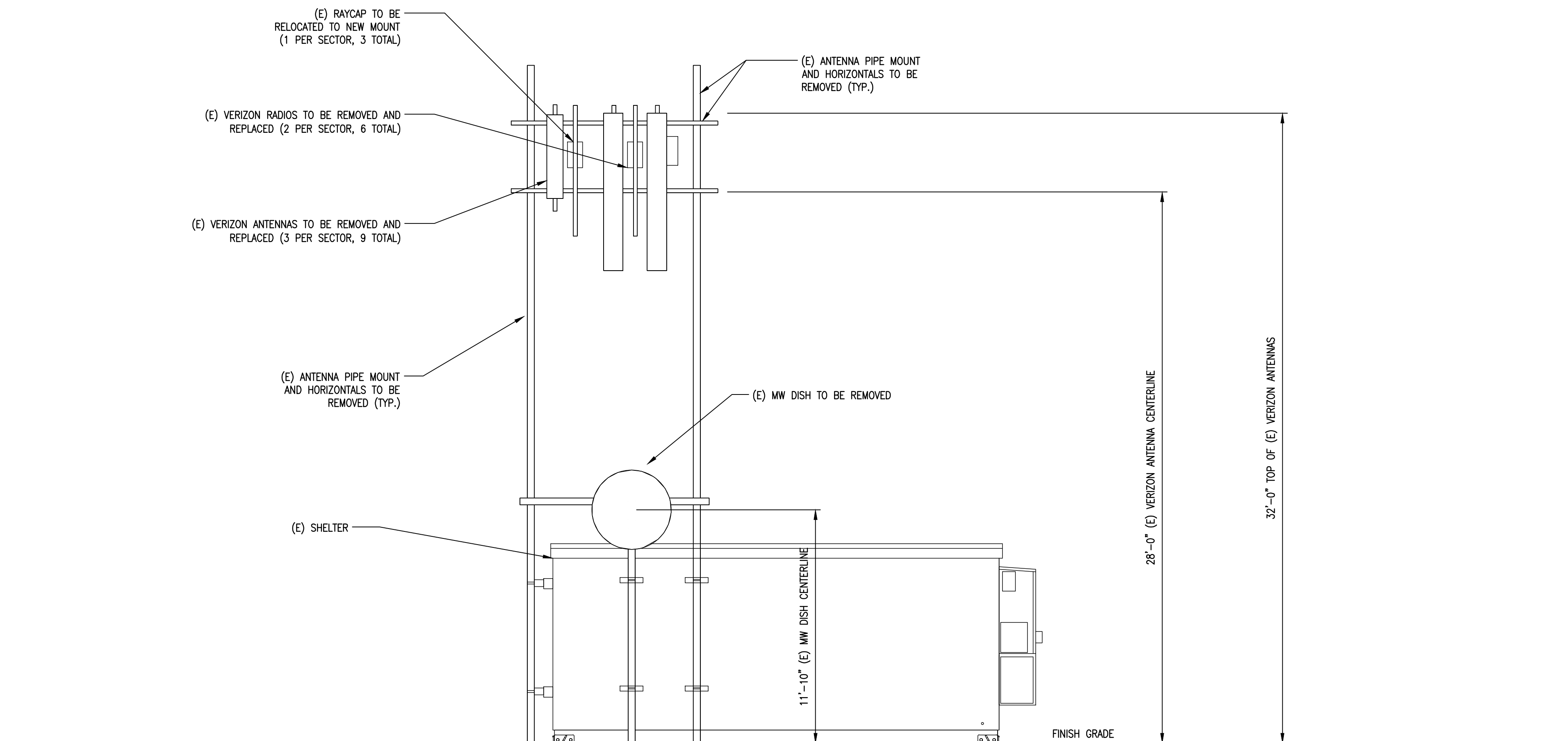
ORANGE COUNTY

SHEET TITLE:

ELEVATIONS

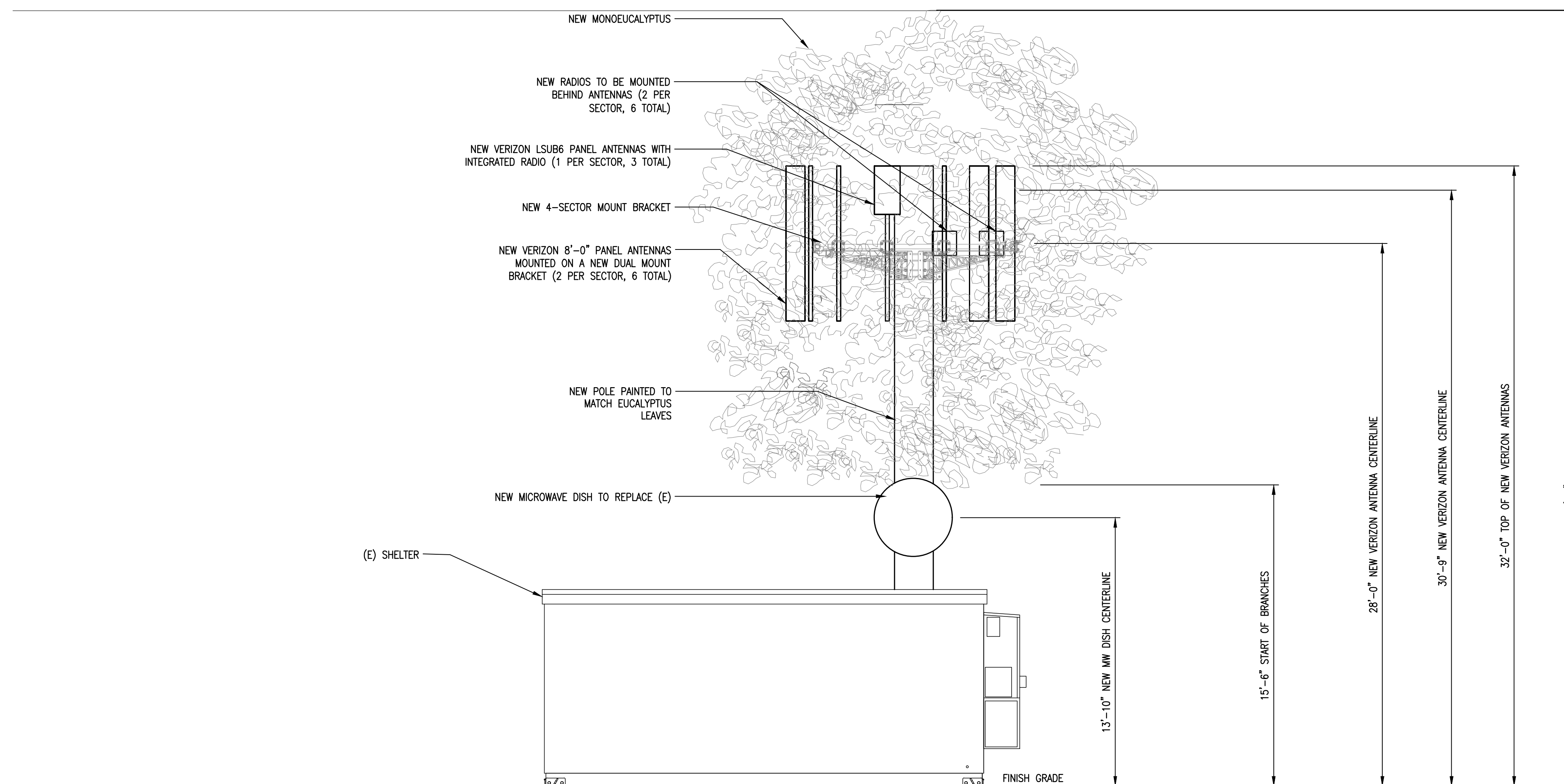
A-4

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES



EXISTING EAST ELEVATION

SCALE		1
$3/16" = 1' - 0"$	0 2' 4' 8'	



NEW EAST ELEVATION

SCALE		2
$3/16" = 1'-0"$	0 2' 4' 8'	

[illegible]

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ORANGE COUNTY

SHEET TITLE:

ELEVATIONS

A-5

NOTE: THE ORIGINAL SIZE OF THIS PLAN IS 24" X 36". SCALE RATIO IS NOT VALID FOR REDUCED OR ENLARGED SHEET SIZES

MANUFACTURER: ERICSSON MODEL NUMBER: RRUS 4890 TOTAL WEIGHT: 69.5 LBS. POWER: 4x60 W RF PORT: 8 Ports RRUS 4890 BANDS 1900/2100 PCS/AWS1 & AWS3			MANUFACTURER: ERICSSON MODEL NUMBER: RRUS 4490 TOTAL WEIGHT: 68.4 LBS. POWER: 4x60 W RF PORT: 4 Common RRUS 4490 BANDS 700/850 B5/B13			RRUS (TYP.) 2" O.D. TO MAX. 6" O.D. PIPE, GALVANIZED AS PER STRUCTURAL AND/OR MANUFACTURER SPECIFICATIONS			MANUFACTURER: ERICSSON MODEL NUMBER: AIR 6419 TOTAL WEIGHT: 63.05 LBS. POWER: 320 W AIR 6419 C-BAND, LS6, B77D										
RADIO 4890 DETAIL			SCALE N.T.S.	10	RADIO 4490 DETAIL			SCALE N.T.S.	7	RADIO PIPE MOUNT DETAIL			SCALE N.T.S.	4	LSUB6 ANTENNA DETAIL			SCALE N.T.S.	1
VALMONT SITE PRO-1 F4P-8 MOUNT ASSEMBLY INSTALL NEW 2-3/8"x8'-0" STD. GALV. ANTENNA PIPE MOUNT			STIFF ARM KIT INSTALL NEW 4.5" PIPE MOUNT NEW VALMONT SITE PRO-1 CHAIN MOUNT KIT																
MOUNT BRACKET DETAIL			SCALE N.T.S.	11	MW DISH MOUNT DETAIL			SCALE N.T.S.	8	BOLLARD DETAIL			SCALE N.T.S.	5	ANTENNA DETAIL			SCALE N.T.S.	2
NOT USED			SCALE N.T.S.	12	NOT USED			SCALE N.T.S.	9	DUAL MOUNT BRACKET DETAIL			SCALE N.T.S.	6	ANTENNA PIPE MOUNT			SCALE N.T.S.	3

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SHEET TITLE:

DETAILS

D-1