

Full Size or Largest Size
(site plan, landscape, elevations)



L700 PROJECT
T-MOBILE SITE NUMBER:
PH30933B

CROWN CASTLE SITE NAME: NOTRE DAME PREP HS
CROWN CASTLE BU NUMBER: 826319

SITE LOCATION:
9701 E. BELL RD
SCOTTSDALE, AZ 85260

EXISTING 69.5' BALL FIELD LIGHT POLE



2625 S PLAZA DR ST 400
TEMPE, AZ 85282
TEL: (480) 638-2600 FAX: (480) 638-2852

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2055 S. STEARMAN DRIVE
CHANDLER AZ 85286

SITE INFORMATION

T-MOBILE SITE NUMBER: PH30933B
T-MOBILE SITE NAME: CROWN NOTRE DAME PREP HS
SITE ADDRESS: 9701 E. BELL RD
SCOTTSDALE, AZ 85260
COUNTY: MARICOPA
JURISDICTION: SCOTTSDALE
ZONING CLASSIFICATION: R1-35
PARCEL NUMBER: 217-14-989

LATITUDE (NAD 83): N 33° 38' 04.1"
LONGITUDE (NAD 83): W 111° 52' 15.1"

SITE TYPE: CO-LOCATION
STRUCTURE TYPE: BALL FIELD LIGHT POLE
STRUCTURE HEIGHT: 69.5'

TOWER OWNERS: CROWN CASTLE
2055 S. STEARMAN DRIVE
CHANDLER AZ 85286
GABRIEL DALEY
PHONE: (480) 735-6929
CROWN SITE NUMBER: 826319
APPLICATION NUMBER: 344804
JDE JOB NUMBER: 383350

APPLICANT: CROWN CASTLE
2055 S. STEARMAN DRIVE
CHANDLER AZ 85286
GABRIEL DALEY
PHONE: (480) 735-6929

CARRIER: T-MOBILE
2625 S PLAZA DR #400
TEMPE, AZ 85282

POWER COMPANY: NOT PROVIDED

TELEPHONE COMPANY: NOT PROVIDED

PROJECT TEAM

A&E SERVICES:
JEREMY SHARIT, PE
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
(205) 252-6985

CROWN CASTLE PROJECT MANAGER:
2055 S. STEARMAN DRIVE
CHANDLER AZ 85286
DARRICK MANEZES
PHONE: (602) 845-1722

CROWN CASTLE CONSTRUCTION MANAGER:
2055 S. STEARMAN DRIVE
CHANDLER AZ 85286
JASON ALBRAND
PHONE: (480) 735-6914

CROWN CASTLE A&E PROJECT MANAGER:
2055 S. STEARMAN DRIVE
CHANDLER AZ 85286
RACHAEL CARSON
PHONE: (602) 845-1721

T-MOBILE PROJECT MANAGER:
PEGGY OWEN
2625 S PLAZA DR ST 400
TEMPE, AZ 85282
PHONE: (405) 209-7175

T-MOBILE CONSTRUCTION MANAGER:
RAYMOND JORDAN
2625 S PLAZA DR ST 400
TEMPE, AZ 85282
PHONE: (951) 236-0912

VICINITY MAP



GENERAL NOTES

DO NOT SCALE DRAWINGS
CONTRACTOR 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 BE RESPONSIBLE FOR SAME.

PROJECT DESCRIPTION

- THIS PROJECT WILL BE COMPRISED OF:
CHANGES ON THE EXISTING TOWER:
- REMOVE (3) EXISTING ANTENNAS.
 - REMOVE (3) EXISTING TMA'S.
 - INSTALL (3) NEW ANTENNAS (1 PER SECTOR)
 - INSTALL (6) NEW CONCEALMENT SHROUDS (1 PER ANTENNA)

DRIVING DIRECTIONS

FROM 2625 S PLAZA DR ST 400 TEMPE, AZ 85282:
DIRECTIONS

CODE COMPLIANCE

BUILDING CODE: INTERNATIONAL BUILDING CODE 2012 (WITH CITY AMENDMENTS)
ELECTRICAL CODE: NATIONAL ELECTRICAL CODE 2011 (WITH CITY AMENDMENTS)
TIA/EIA-222-G STRUCTURAL STANDARD FOR STEEL ANTENNA TOWERS

SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

SHEET DESCRIPTION

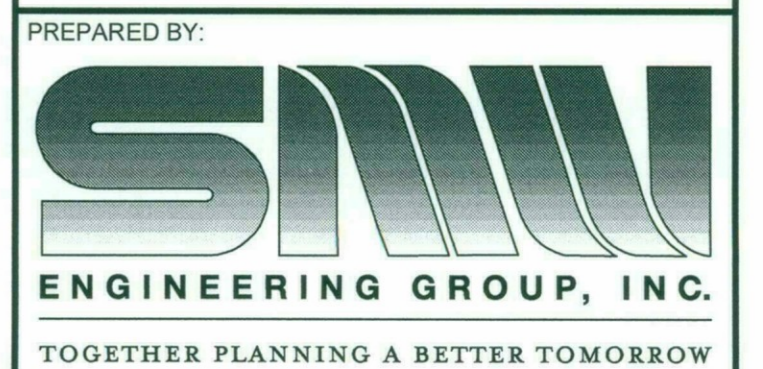
SHEET	DESCRIPTION
T-1	TITLE SHEET
A-1	SITE PLAN
A-2	ENLARGED SITE PLAN
A-3	EXISTING & PROPOSED EQUIPMENT PLAN
A-4	EXISTING & PROPOSED ANTENNA PLANS
A-5	EXISTING & PROPOSED ELEVATIONS
A-6	DETAILS
G-1	GROUNDING DETAILS

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.

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STIPULATION SET
RETAIN FOR RECORDS
APPROVED
1-13-17 DATE KN INITIALS



SMW #: 16-1202

DRAWN BY: ACR CHECKED BY: SA

SHEET TITLE: TITLE SHEET

SHEET NUMBER: T-1 REV: 1



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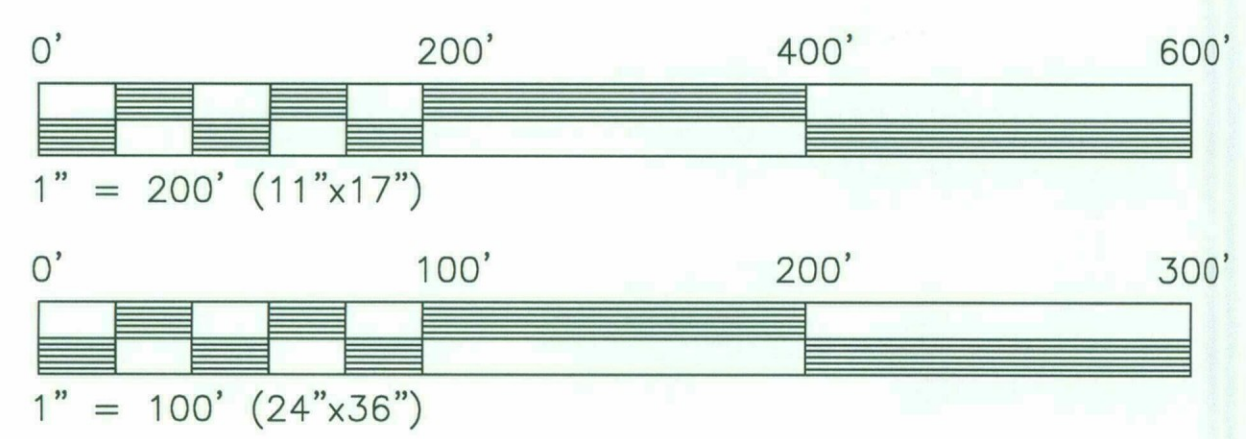
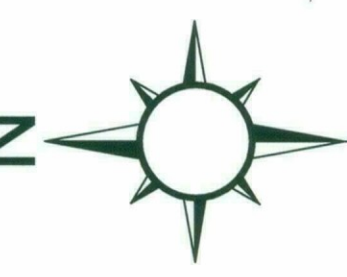
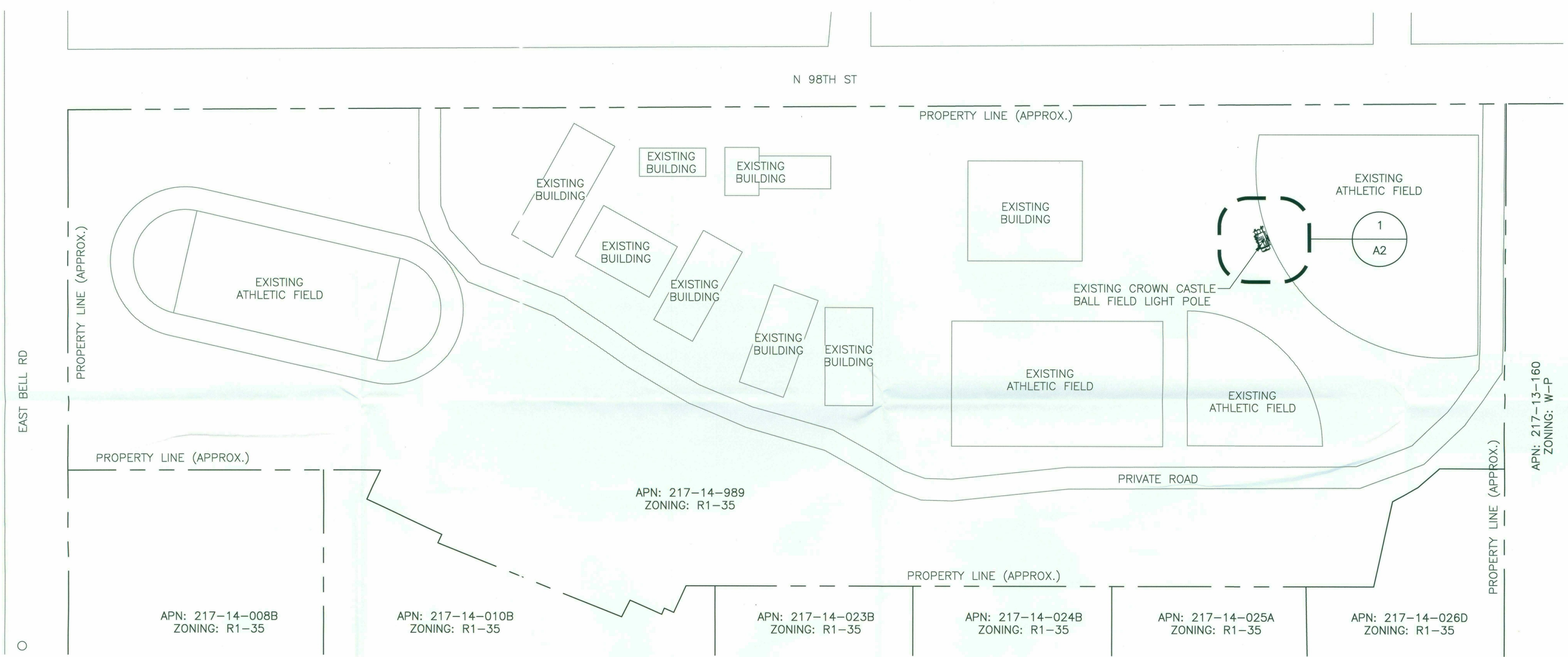
REV.	DATE	REVISION DESCRIPTION
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SHEET TITLE:
SITE PLAN
 SHEET NUMBER: **A-1** REV.: **1**



1
 A-1
 SITE PLAN
 SCALE: 1" = 200'

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PREPARED BY:



TOGETHER PLANNING A BETTER TOMORROW

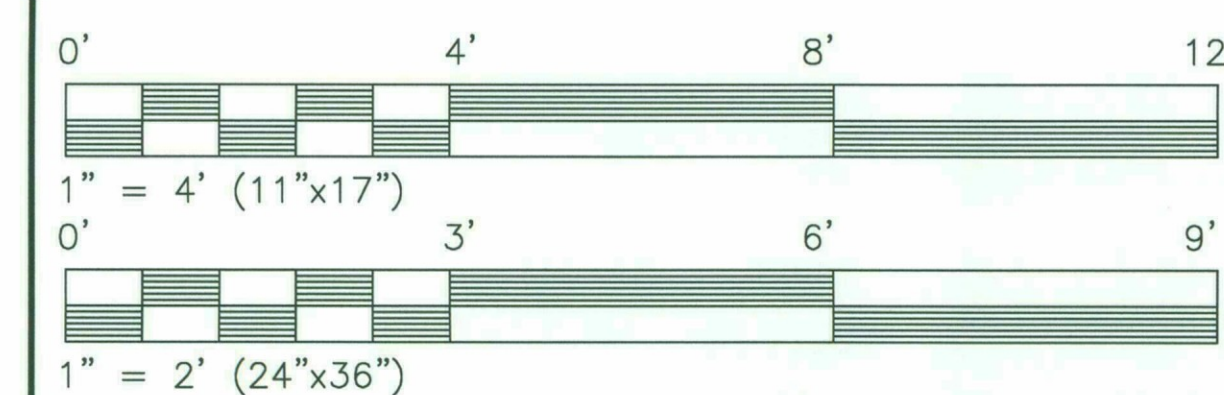
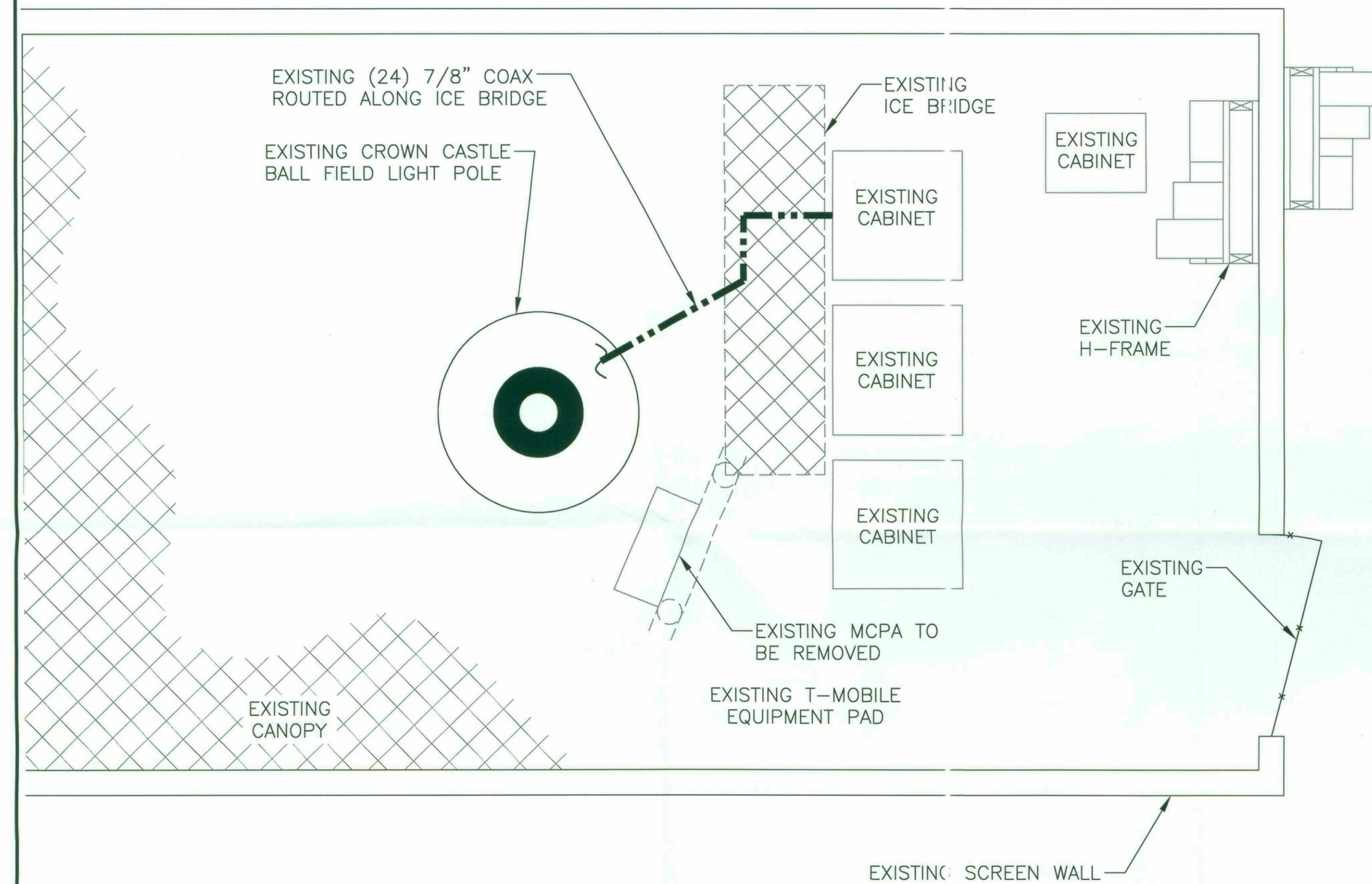
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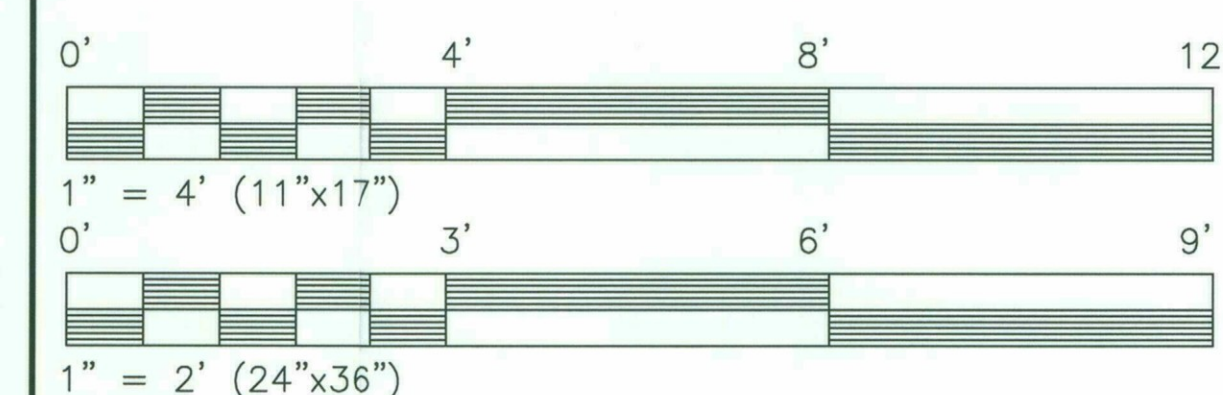
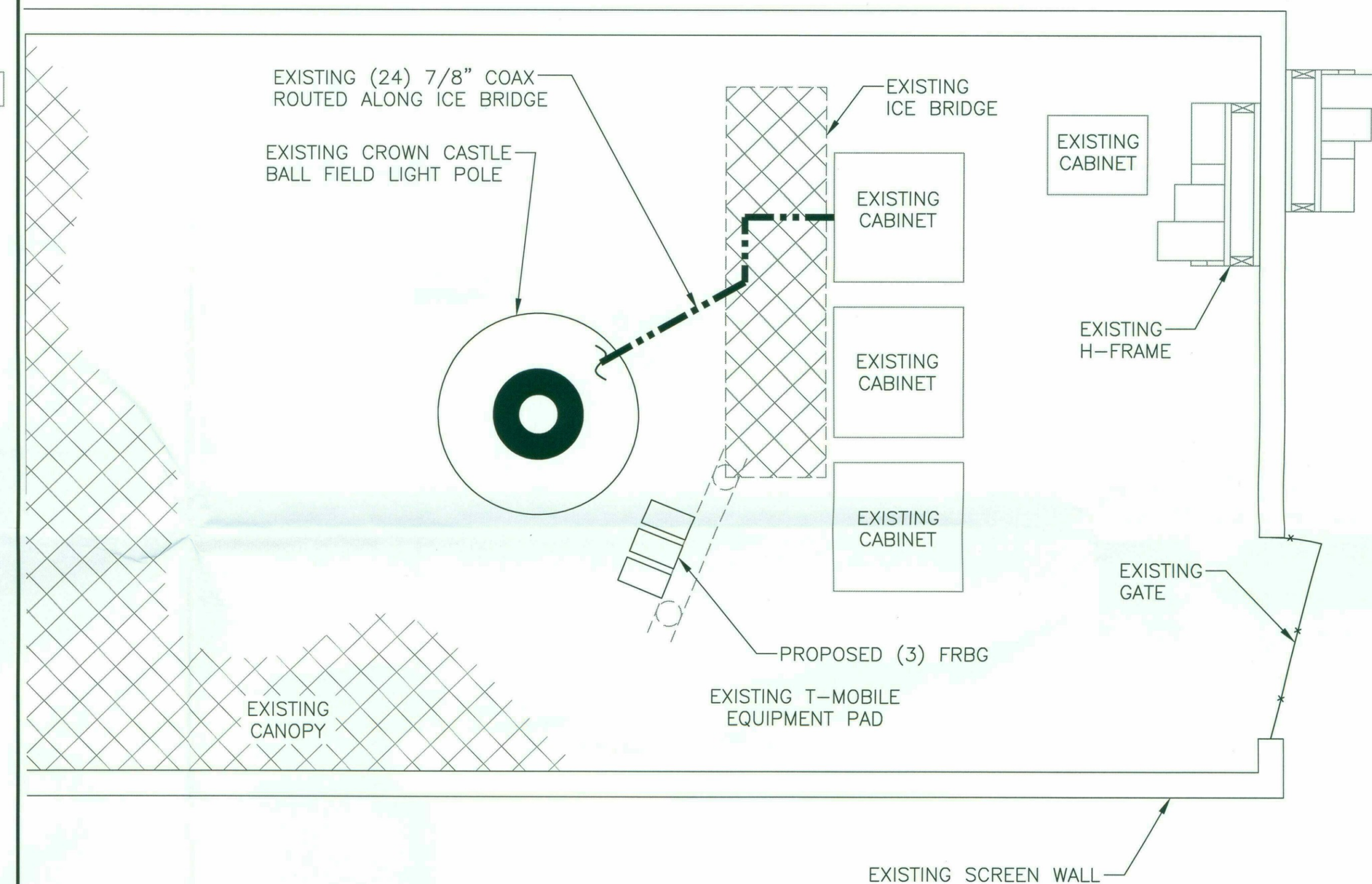
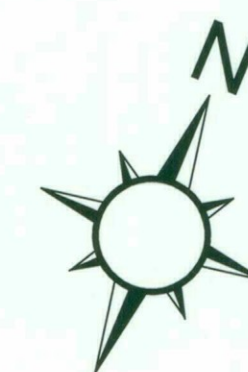
SHEET TITLE:
**EXISTING & PROPOSED
 EQUIPMENT PLAN**

SHEET NUMBER: A-3 REV: 1

PROPOSED
 EQUIPMENT TO BE
 INSTALLED IN
 EXISTING CABINET



1
 A-3 EXISTING EQUIPMENT PLAN
 SCALE: 1" = 3'



2
 A3 PROPOSED EQUIPMENT PLAN
 SCALE: 1" = 3'





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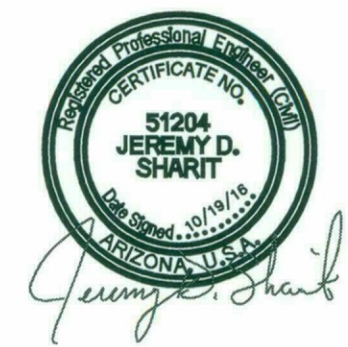
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PREPARED BY:

 TOGETHER PLANNING A BETTER TOMORROW

SMW #: 16-1202
 DRAWN BY: ACR CHECKED BY: SA

SHEET TITLE:
EXISTING & PROPOSED ANTENNA PLAN

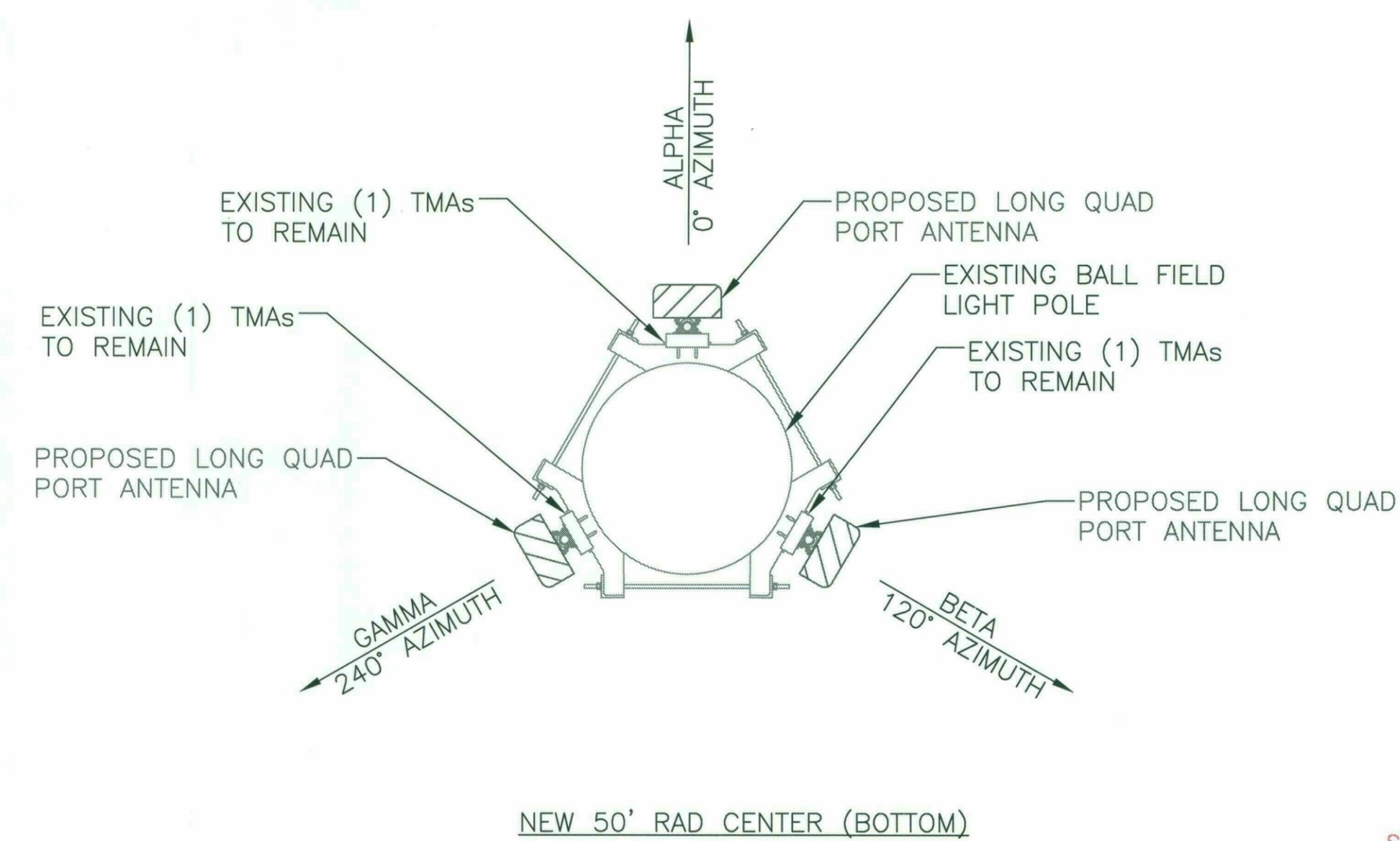
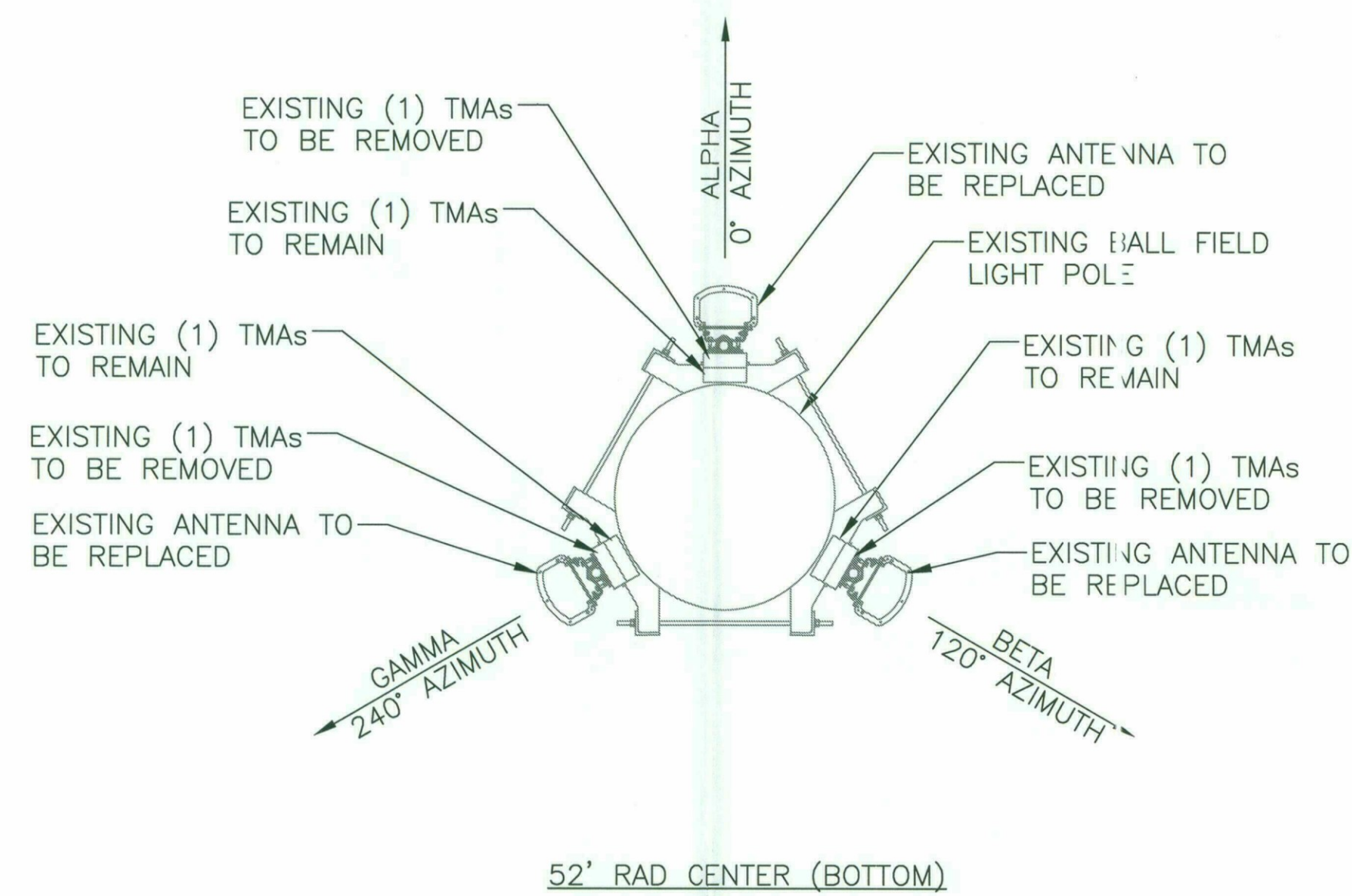
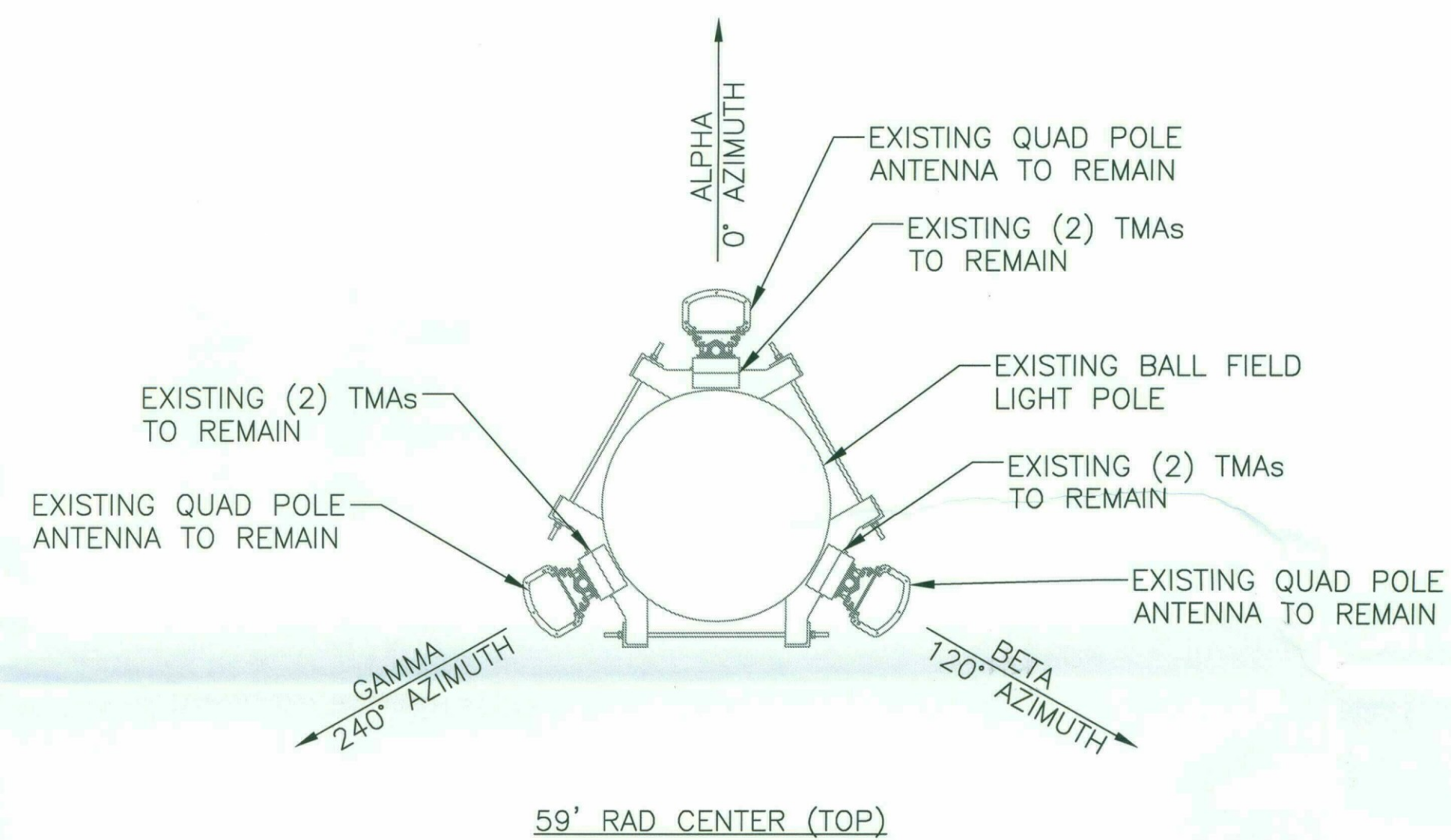
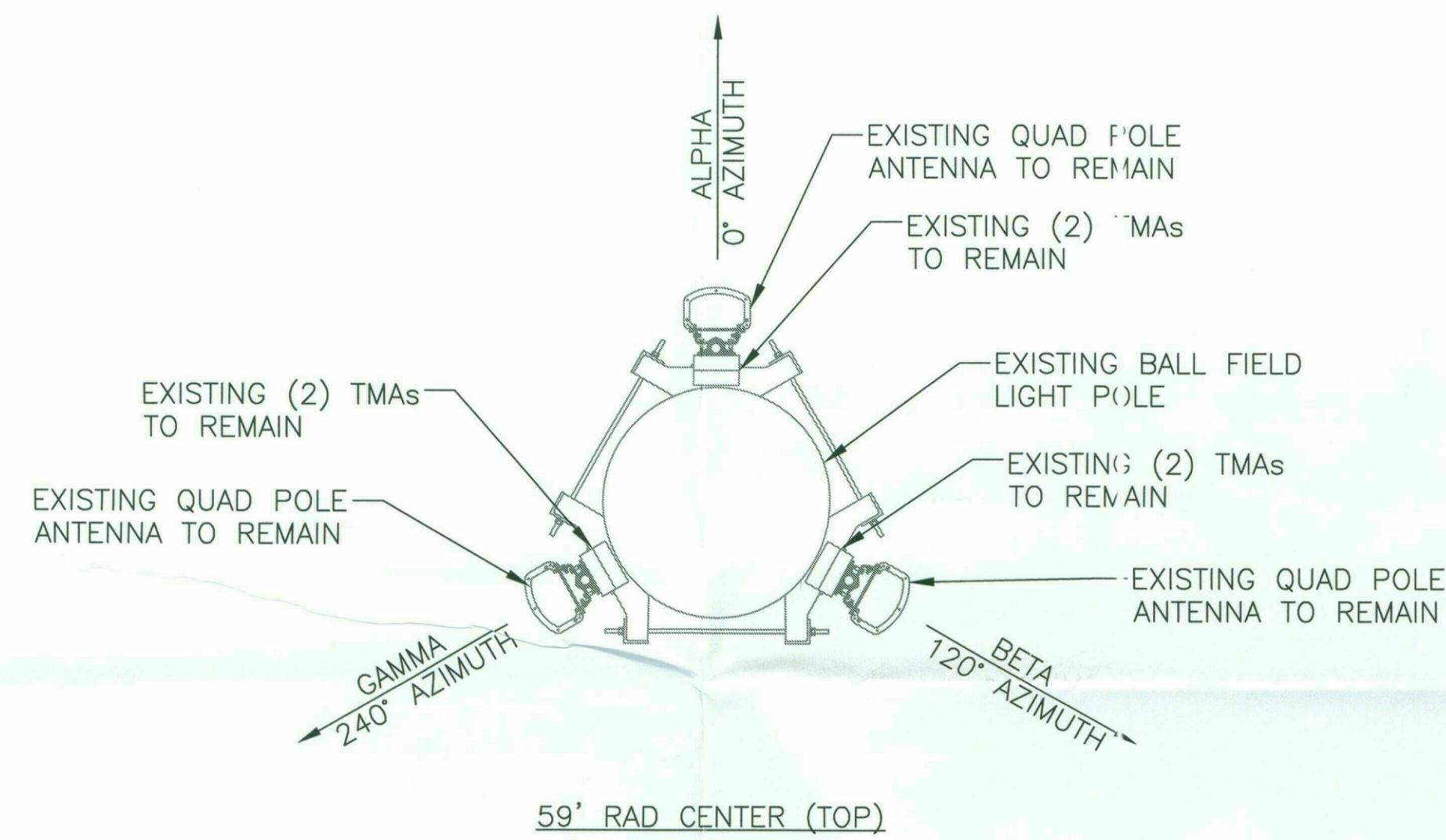
SHEET NUMBER: **A-4** REV.: **1**

ANTENNA KEY					
POSITION	STATUS	ANTENNA	ANTENNA DIMENSIONS (HxWxD)	RAD CENTER	AZIMUTH
4	NEW	LONG QUAD	96.1"x14.9"x13.4"	50'	0°
3	NEW	LONG QUAD	96.1"x14.9"x13.4"	50'	120°
2	NEW	LONG QUAD	96.1"x14.9"x13.4"	50'	240°
1	EXISTING	QUAD PORT	53.1"x6.9"x3.15"	59'	0°
E	EXISTING	QUAD PORT	53.1"x6.9"x3.15"	59'	120°
F	EXISTING	QUAD PORT	53.1"x6.9"x3.15"	59'	240°

NO MAPPING OR ANALYSIS HAS BEEN PERFORMED ON SECTOR MOUNTS, AND STRUCTURAL INTEGRITY OF MOUNTS UNDER NEW LOADING IS UNDETERMINED

NEW INTEGRATED ANTENNA SYSTEM PLACEMENT TO BE FIELD VERIFIED AT START OF CONSTRUCTION, PLACEMENT TO BE APPROVED BY T-MOBILE PRIOR TO INSTALL

NEW ANTENNA MASTS SHOULD BE INSTALLED AT THE 50' RAD FOR THE NEW L700 ANTENNAS 2 7/8" MIN.



1 A-4 EXISTING ANTENNA ORIENTATION PLAN

2 A-4 PROPOSED ANTENNA ORIENTATION PLAN

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CASTLE**

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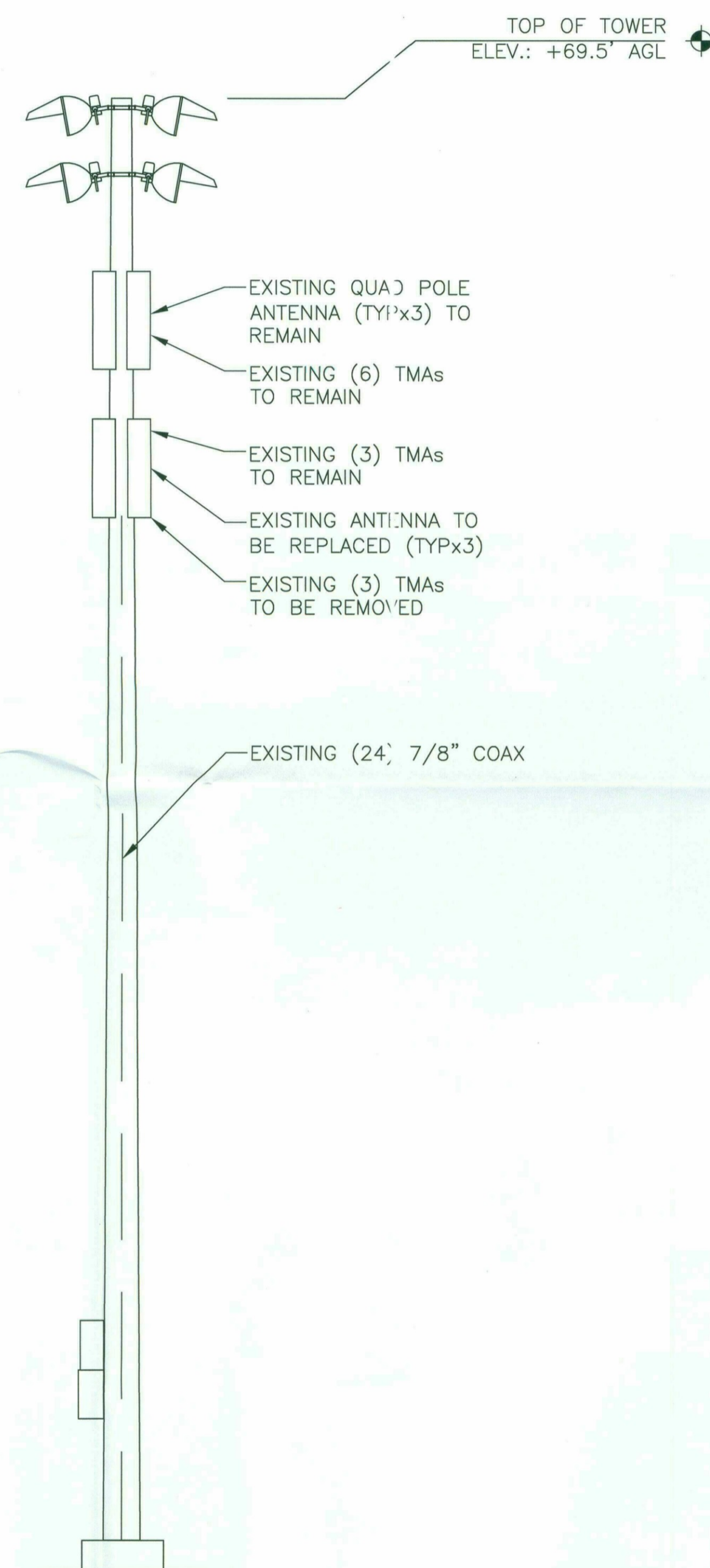
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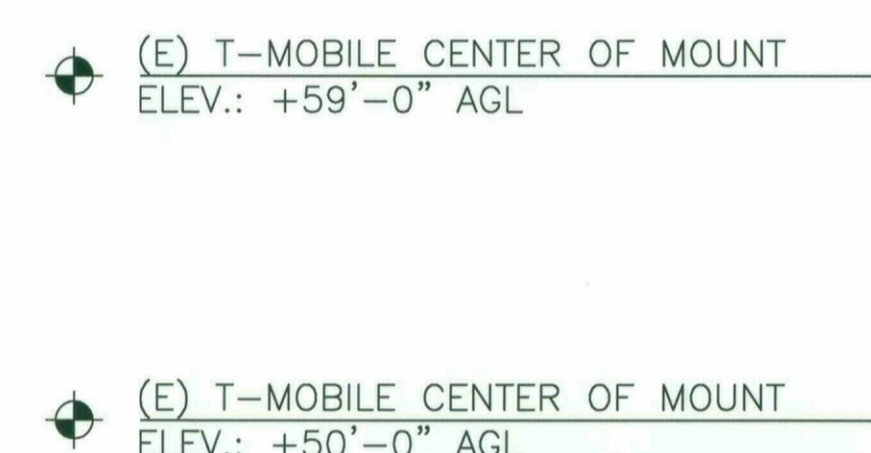
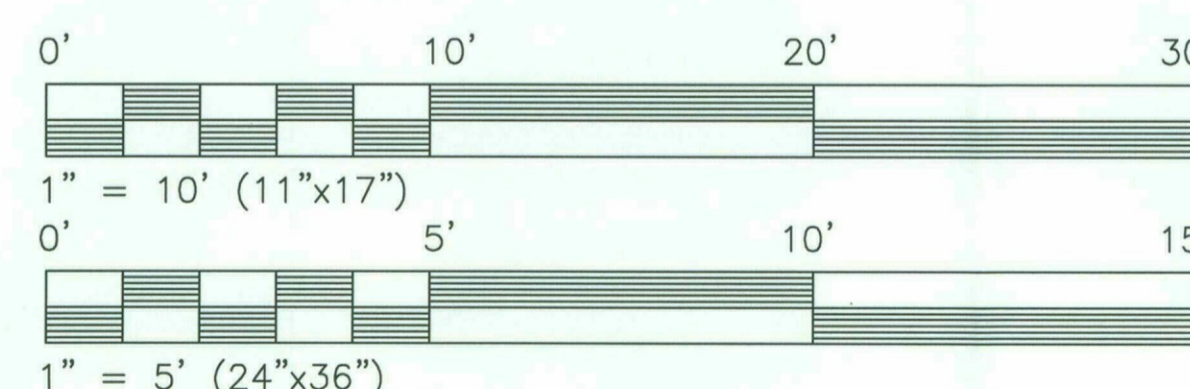
SHEET TITLE:
**EXISTING & PROPOSED
ELEVATIONS**

SHEET NUMBER: A-5

REV.: 1



1
A-5 EXISTING TOWER ELEVATION

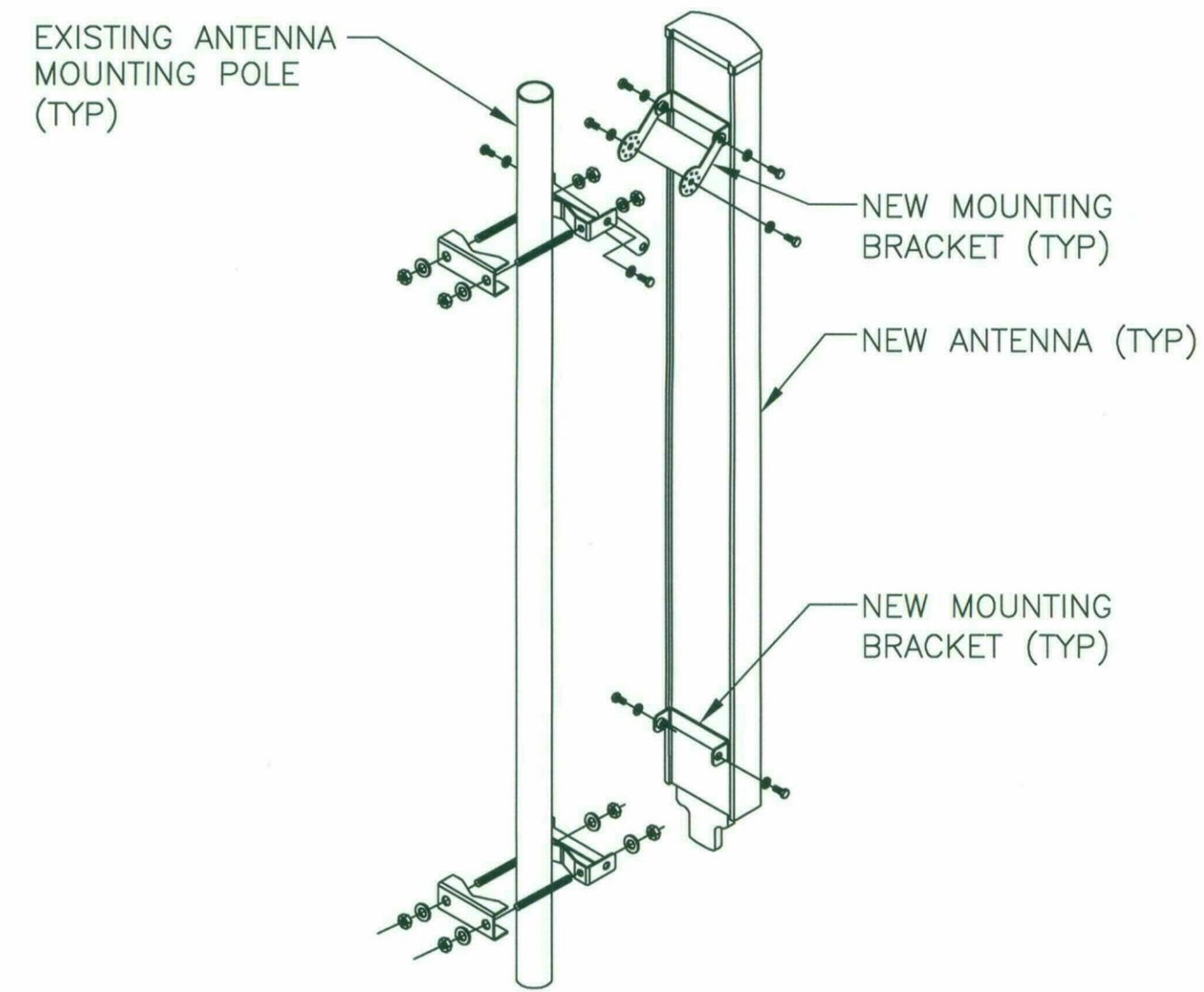


2
A-5 PROPOSED TOWER ELEVATION

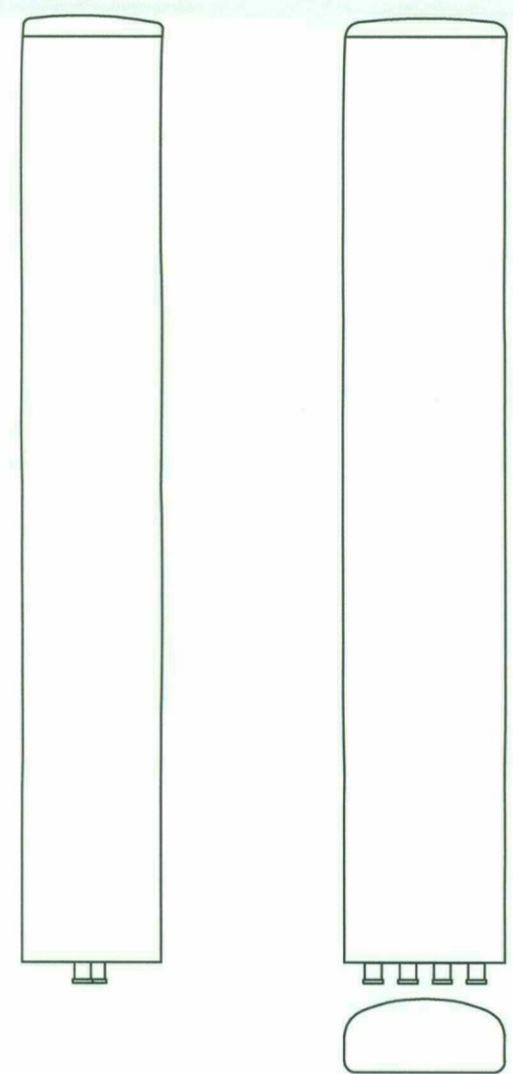
THERE ARE NO RADIOS ON THE TOWER

- NOTES:
- ANTENNAS, SHROUDS, TMA'S, AND MOUNTING HARDWARE SHALL BE PAINTED TO MATCH THE COLOR OF THE LIGHT POLE AND EXISTING ANTENNAS.
 - ANTENNA MOUNTS SHALL BE TRIMMED TO MATCH THE HEIGHT OF THE ANTENNAS.

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NOTE:
ALL PIPES BRACKETS
AND MISCELLANEOUS
HARDWARE TO BE
GALVANIZED UNLESS
NOTED OTHERWISE

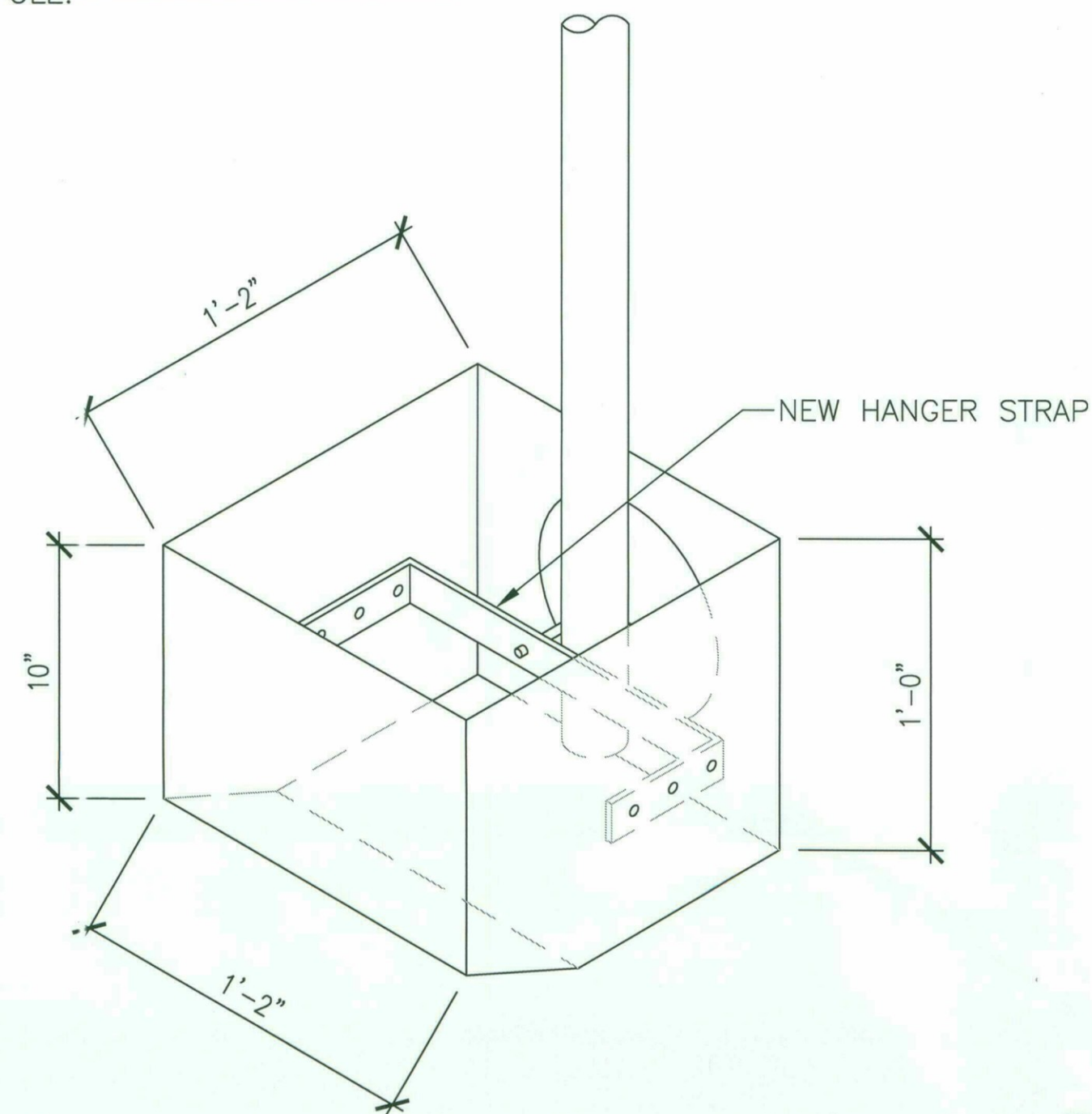


DIMENSIONS, HxWxD: 96" x 11.8" x 7.9"
(2439 X 299 X 200mm)

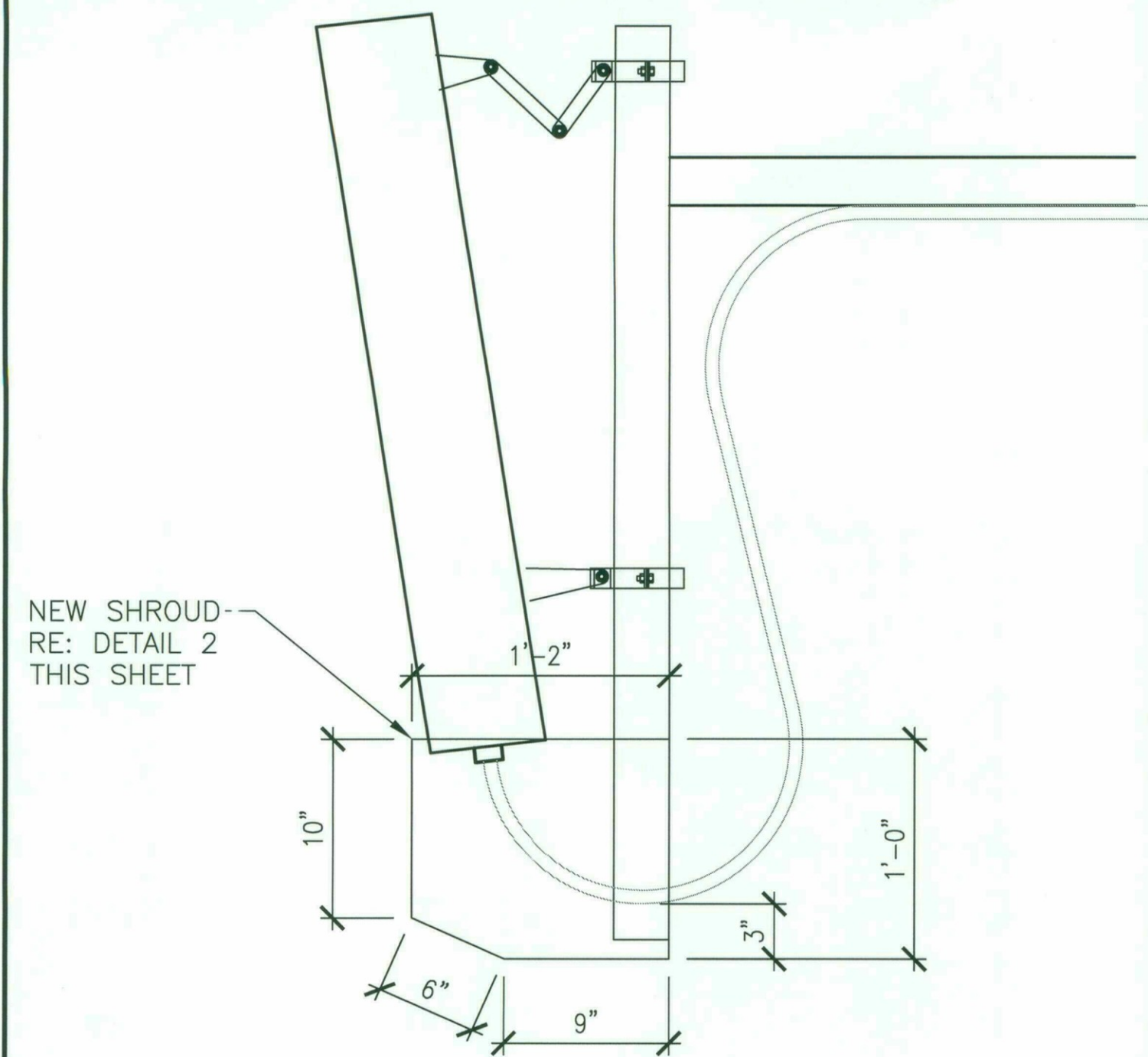
WEIGHT, W/
PRE-MOUNTED BRACKETS: 73 lbs (33.2 kg)

6 ANTENNA DETAILS
A-6

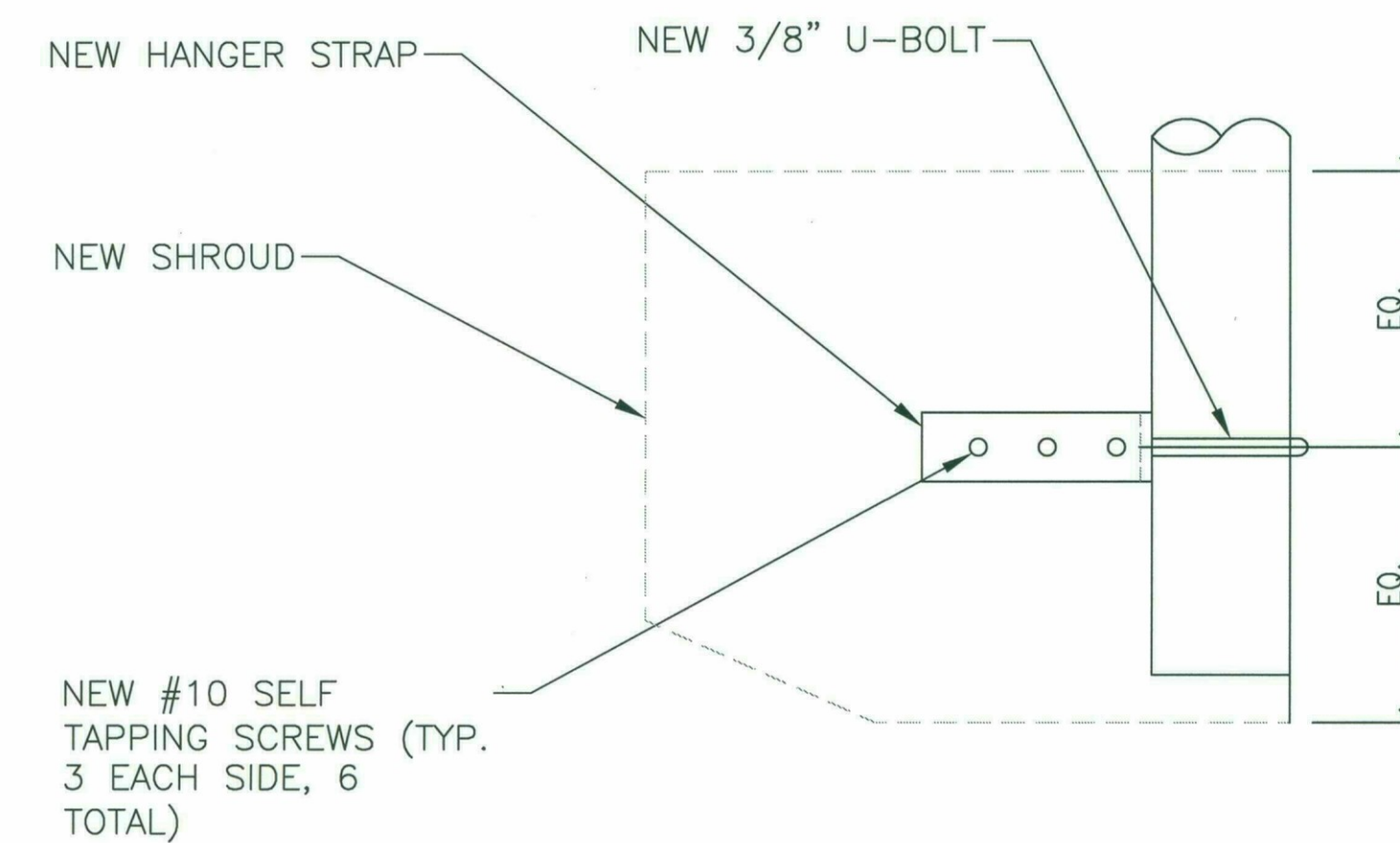
NOTE:
• VERIFY ANTENNA
MEASUREMENT PRIOR TO
CONSTRUCTION TO CONFIRM
SHROUD FIT.
• SHROUD SHALL BE PAINTED
TO MATCH THE COLOR OF
EXISTING BALL FIELD LIGHT
POLE.



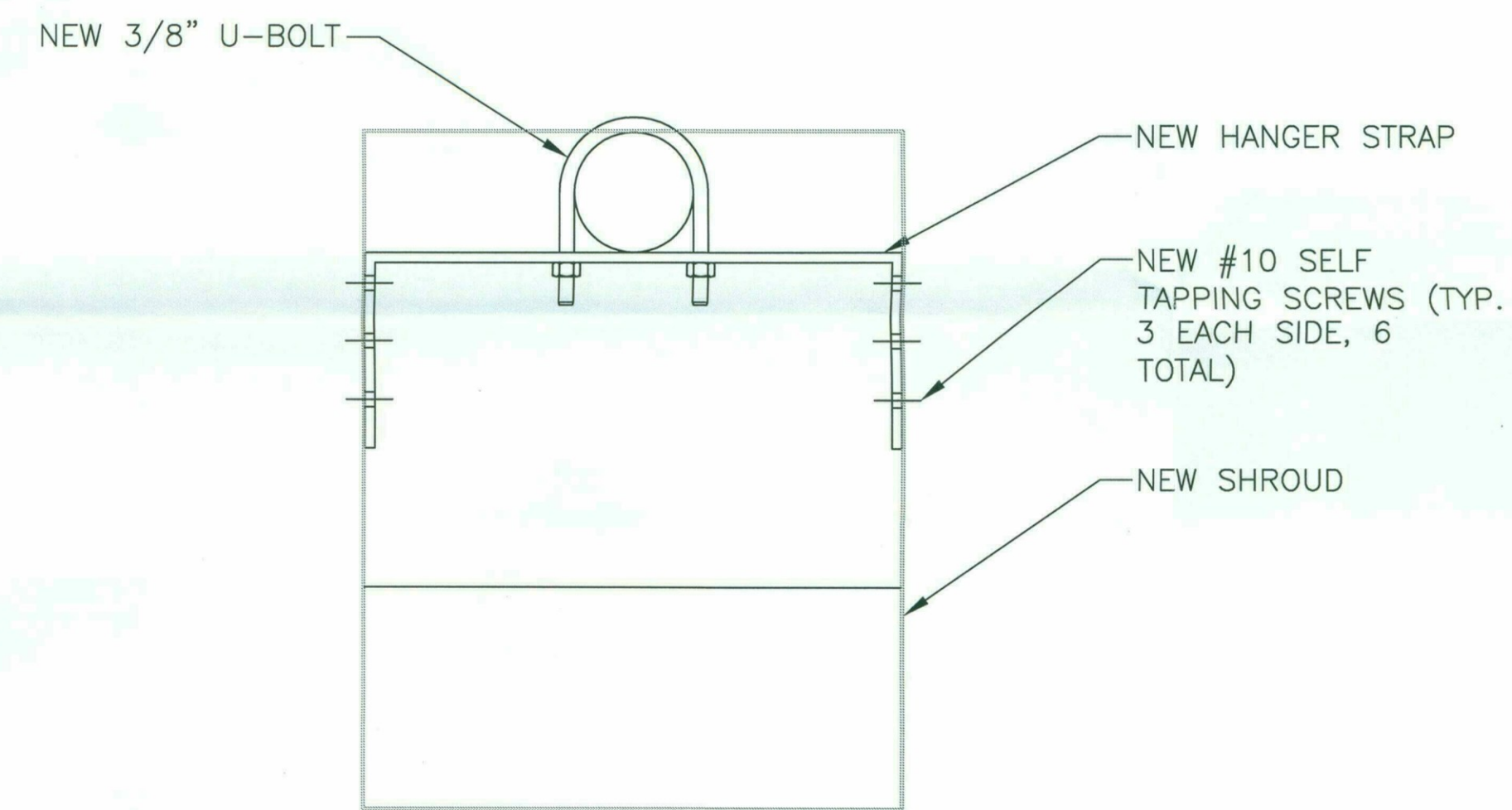
2 CABLING SHROUD ISOMETRIC VIEW
A-6



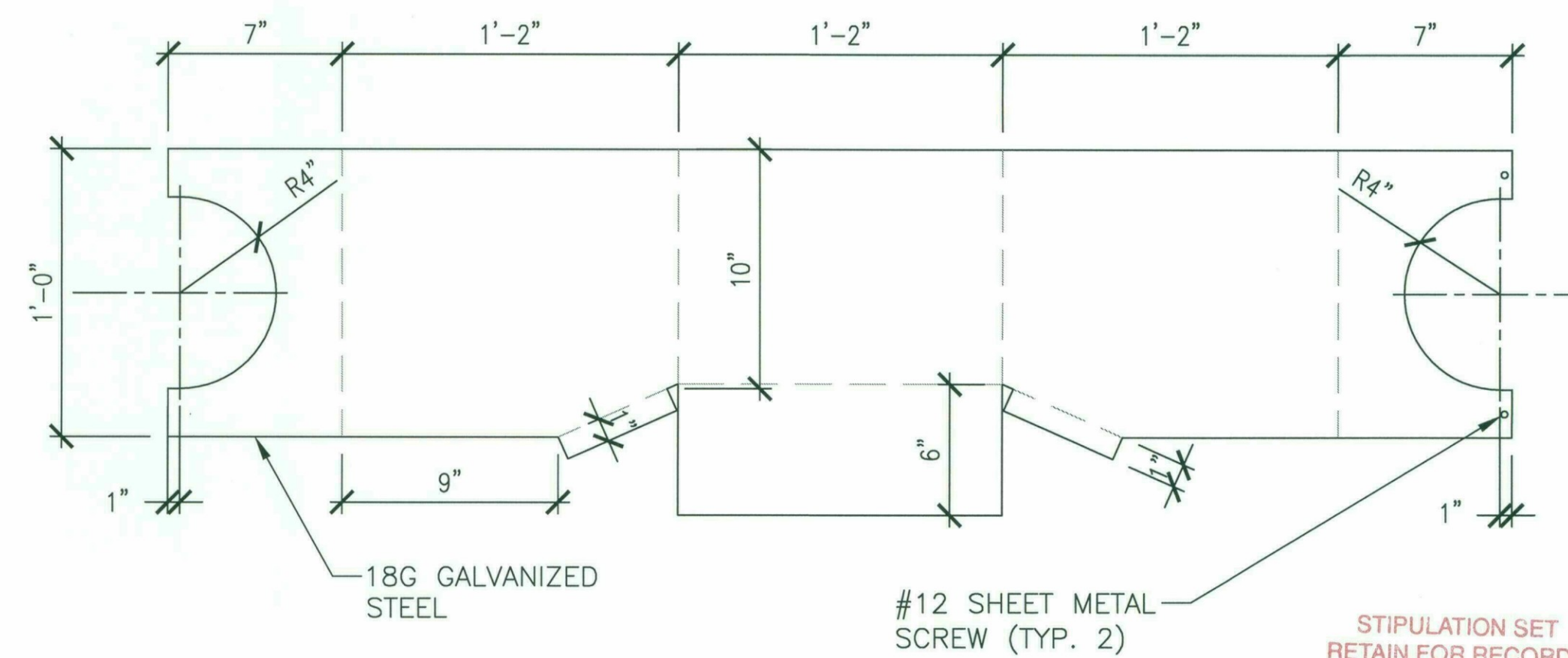
1 PROPOSED CABLING SHROUD
A-6



5 PROPOSED HANGER STRAP
A-6



4 PROPOSED HANGER STRAP PLAN VIEW
A-6



3 SHROUD TEMPLATE DETAIL
A-6

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SHEET TITLE:

DETAILS

SHEET NUMBER:

A-6

REV.:

1