

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



2.5 MM OVERLAY ON NETWORK
VISION (REGIONAL PROGRAM)
EQUIPMENT DEPLOYMENT

PH80XC106

S.U.S.D. DESERT MTN.
HIGH LIGHT STANDARD

12575 E. VIA LINDA
SCOTTSDALE, AZ 85259
LATITUDE: 33.58682222
LONGITUDE: -111.80896111
PHOENIX MARKET

SHEET	DESCRIPTION
T-1	TITLE SHEET, VICINITY MAP AND GENERAL INFORMATION
CIVIL PLANS	
C-1	SITE PLAN
C-2	ENLARGED SITE PLAN
C-3	ELEVATIONS
C-4	DETAILS AND SCHEMATICS
C-5	INSTALLATION SPECS. AND DETAILS
C-6	DETAILS
ELECTRICAL PLANS	
E-1	1-LINE DIAGRAM, PANEL SCHEDULE, ELECTRICAL PLAN & NOTES

SHEET INDEX



CONSULTANT
COAL CREEK CONSULTING
1525 N. HAYDEN ROAD, STE. 100 SCOTTSDALE, AZ 85257
OFFICE: (602) 328-0111 FAX: (602) 532-7407

ENGINEER OF RECORD
TERRA DYNAMIC ENGINEERING, LLC

P.O. BOX 22131, PHOENIX, AZ 85028
PHONE: (602) 482-1603 FAX: (602) 926-2692



NO.	DATE	DESCRIPTION	BY
1	09/22/16	PRELIMINARY	SPE
2	09/23/16	REVISION 1	SPE
3	09/27/16	SUBMITTAL	SPE

PROJECT INFORMATION
JOB: 01-027-04

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SHEET TITLE
TITLE SHEET,
VICINITY MAP &
GENERAL INFO.

SHEET NUMBER
T-1

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

2012 INTERNATIONAL BUILDING CODE
2012 INTERNATIONAL MECHANICAL CODE
2011 NATIONAL ELECTRICAL CODE

ACCESSIBILITY REQUIREMENTS:
THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS ARE NOT REQUIRED IN ACCORDANCE WITH THE CURRENT INTERNATIONAL BUILDING CODE.

CODE BLOCK



SPRINT PROPOSED THE FOLLOWING:

ADD (1) 20 AMP BREAKER IN EXISTING PPC
ADD (1) 3/4" CONDUIT FROM BREAKER TO TELCO CABINET
ADD (1) DIN-RAIL MOUNTED LOAD CENTER IN TELCO CABINET
ADD (1) SOOW POWER CABLE TO J-BOX
ADD (1) 1" CONDUIT WITH (3) FIBER AND CAT 5 CABLES TO RRH
ADD (3) ANTENNAS, (1) PER SECTOR
ADD (3) RRH'S, (1) PER SECTOR

PROJECT DESCRIPTION

CLIENT:
SPRINT
5710 W. CHANDLER BLVD, SUITE 190
CHANDLER, ARIZONA 85226

SITE ACQ. CONSULTANT:
COAL CREEK CONSULTING
1525 N. HAYDEN ROAD
SUITE 100
SCOTTSDALE, ARIZONA 85257
CONTACT: STEVE CIOLEK
PHONE: (480) 246-4131
FAX (480) 323-2010

DESIGN FIRM:
COAL CREEK CONSULTING
1525 N. HAYDEN ROAD
SUITE 100
SCOTTSDALE, ARIZONA 85257
CONTACT: SHAWN EVANS
PHONE: (602) 758-5829
FAX (602) 532-7407

CIVIL ENGINEER:
TERRA DYNAMIC ENGINEERING, LLC
P.O. BOX 22131
PHOENIX, ARIZONA 85028
CONTACT: ROBERT ORLANDO
PHONE: (602) 482-1603
FAX: (602) 926-2692

STIPULATION SET
RETAIN FOR RECORDS
APPROVED

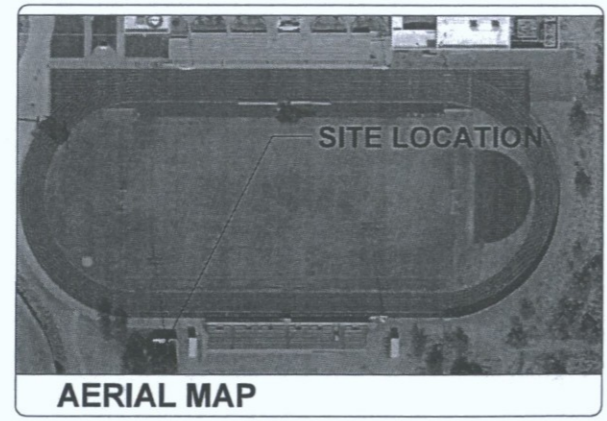
1-19-17 DATE KN INITIALS



PROJECT TEAM

APPROVAL	SIGNATURE	DATE
SITE ACQUISITION & ZONING		
CONSTRUCTION MANAGER		
A&E MANAGER		
PLANNING CONSULTANT		
RF MANAGER		
PROPERTY OWNER		
SPRINT REPRESENTATIVE		

SIGNATURE BLOCK



FROM THE SPRINT OFFICE IN PHOENIX, AZ
TAKE CHANDLER BLVD. W. TO KYRENE RD. AND TAKE A LEFT AND PROCEED TO THE 202 E. TO THE AZ LOOP 101 N. AND EXIT ON SHEA BLVD. AND TAKE A RIGHT TO 124TH ST. AND TAKE A LEFT AND THE SITE WILL BE ON THE VISITORS SIDE OF THE FOOTBALL FIELD OF THE SCHOOL ON THE S.E. CORNER OF 124TH ST. AND VIA LINDA

DRIVING DIRECTIONS

APPLICANT:
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CONTACT: STEVE CIOLEK
PHONE: (480) 246-4131
FAX (480) 323-2010

PROPERTY OWNER INFORMATION:
SCOTTSDALE UNIFIED COMMUNITY SCHOOL DISTRICT #48
3811 N. 44TH ST.
PHOENIX, AZ 85018
CONTACT: DR. DENISE BIRDWELL
PHONE: (480) 484-6120

ZONING CLASSIFICATION: R1-43
JURISDICTION: SCOTTSDALE
EXISTING/NEW USE: UNMANNED WIRELESS TELECOMMUNICATIONS FACILITY


PARCEL NUMBER
217-40-040A

PROJECT SUMMARY

EXISTING SETBACK TO PROPERTY LINE FROM CENTER OF POLE	
NORTH	981'-1"±
SOUTH	284'-3"±
EAST	1255'-0"±
WEST	1297'-2"±

PLANS PREPARED FOR
Sprint
 Together with Nextel.

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 3456
 ROBERTO ORLANDO
 Expires: 3/31/2018

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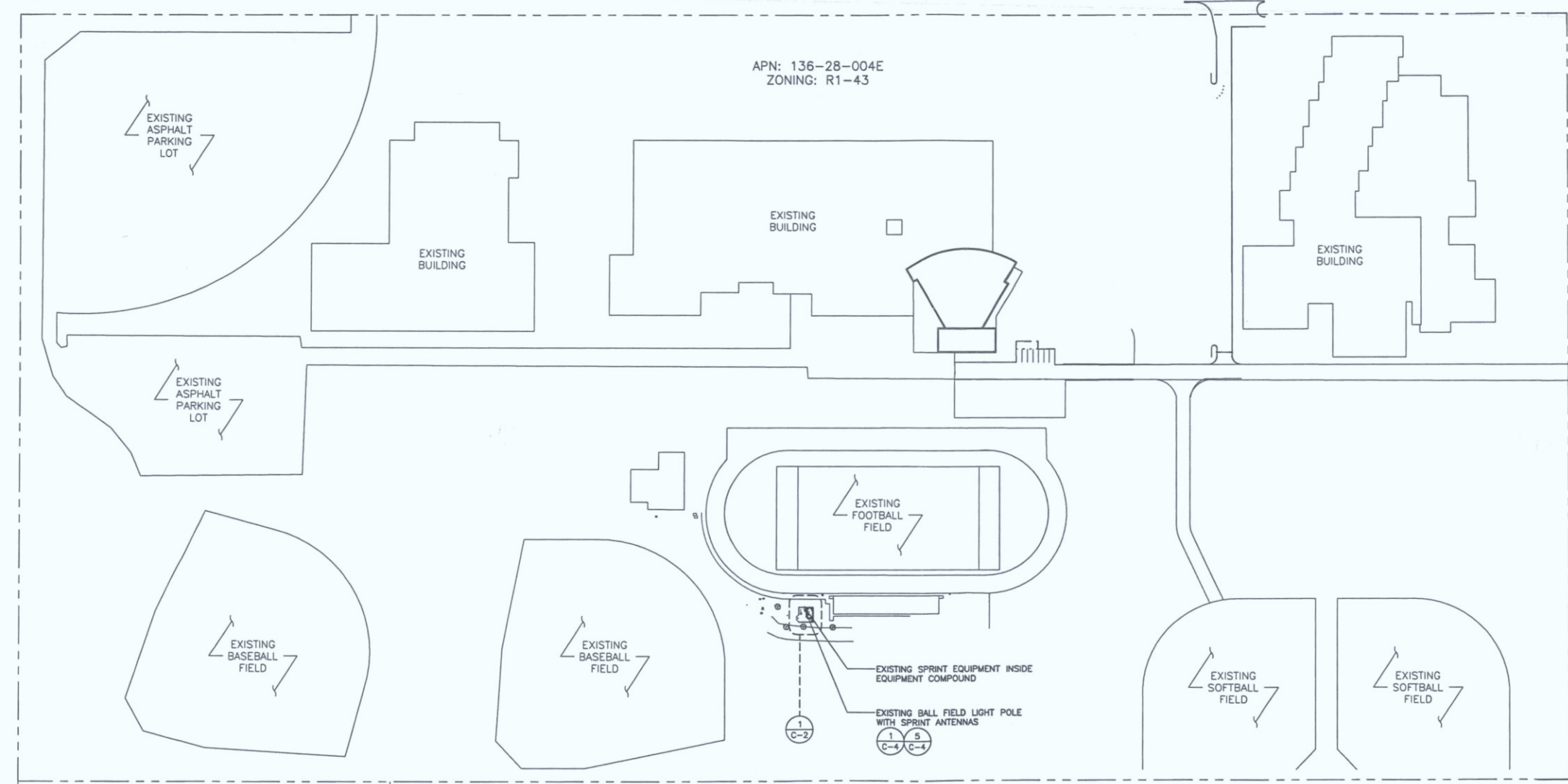
SHEET TITLE
 OVERALL SITE PLAN

SHEET NUMBER
 C-1

EXISTING RESIDENTIAL
 ZONING: R1-10

VIA LINDA

APN: 136-28-004E
 ZONING: R1-43

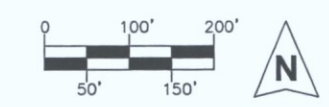


EXISTING CHURCH
 ZONING: R1-43

EXISTING RESIDENTIAL
 ZONING: R1-18

STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED

1-19-17 DATE KN INITIALS



SCALE: 1" = 100'-0"
 ON 24X36 ONLY

OVERALL SITE PLAN

1

NOTES:
EXISTING BALL FIELD
LIGHT POLE REMOVED
FOR CLARITY

NEW 1" CONDUIT FOR 500W POWER
CABLE FROM DIN-RAIL MOUNTED LOAD
CENTER IN TELCO CABINET TO JUNCTION
BOX AT SPRINTS RAD CENTER
④
C-4

EXISTING SPRINT ICE BRIDGE

EXISTING SPRINT TELCO BOX
MOUNTED TO H-FRAME

EXISTING SPRINT ACCESS GATE (TYP.)

NEW 1" CONDUIT FOR (3) FIBER AND
(3) DATA CABLES FROM EXISTING
MOD-CEL TO SPRINT RAD CENTER
④
C-4

EXISTING SPRINT SHADE CANOPY ABOVE

EXISTING SPRINT BLOCK WALL COMPOUND

EXISTING SPRINT TELCO CABINET MOUNTED
TO H-FRAME

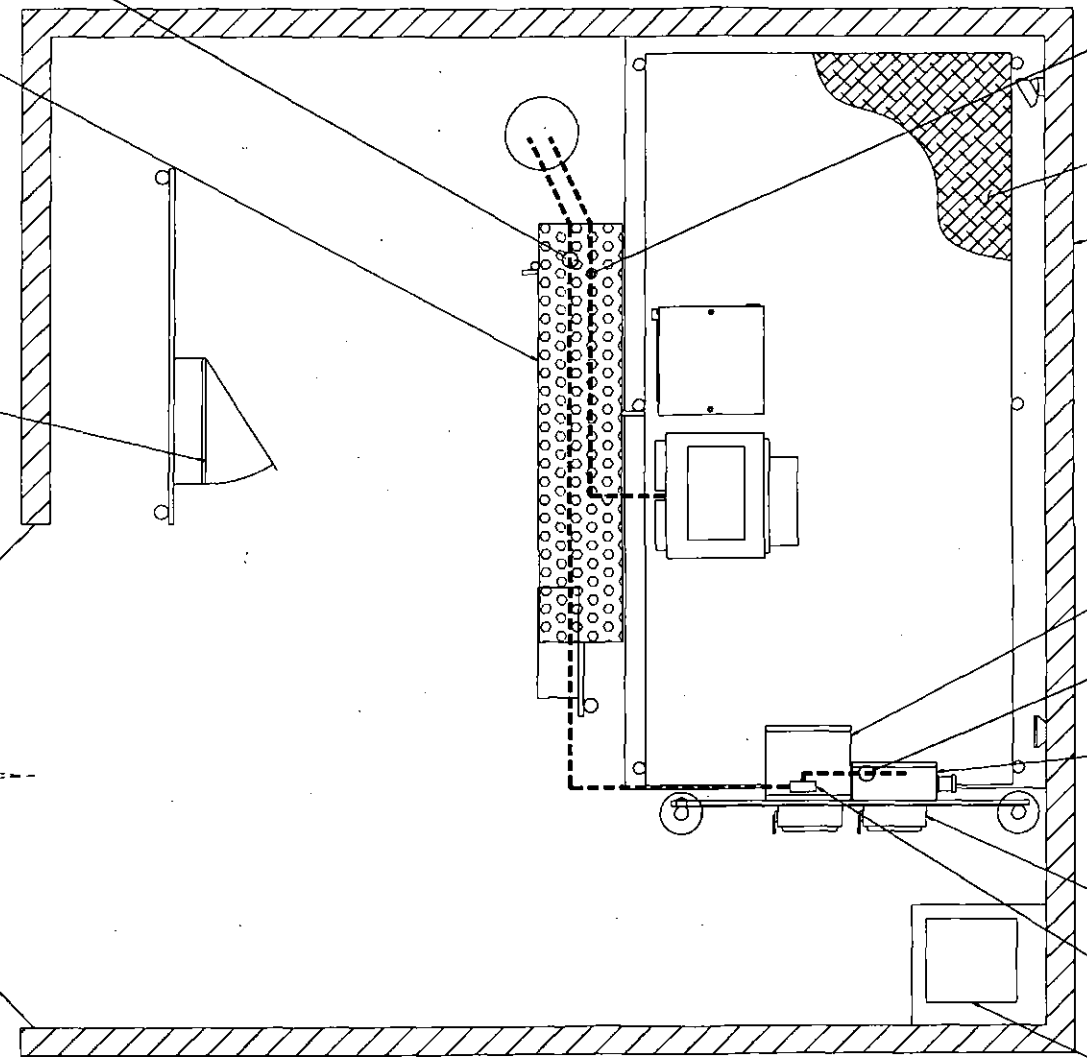
NEW 3/4" CONDUIT W/ (2) #12
CONDUCTORS & (1) #12 GROUND, FROM
NEW BREAKER IN PPC TO DIN-RAIL
MOUNTED LOAD CENTER IN TELCO CABINET

EXISTING SPRINT PPC MOUNTED TO H-FRAME

EXISTING SPRINT DISCONNECTS
MOUNTED TO H-FRAME

NEW DIN-RAIL MOUNTED LOAD
CENTER IN TELCO CABINET
④
C-5

EXISTING TRANSFORMER



PLANS PREPARED FOR

Together with Nextel.

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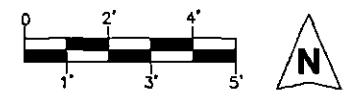
12575 E. VIA LINDA
SCOTTSDALE, AZ 85259

SHEET TITLE

ENLARGED SITE PLAN

SHEET NUMBER


C-2



SCALE: 1/2" = 1'-0"
ON 24X36 ONLY

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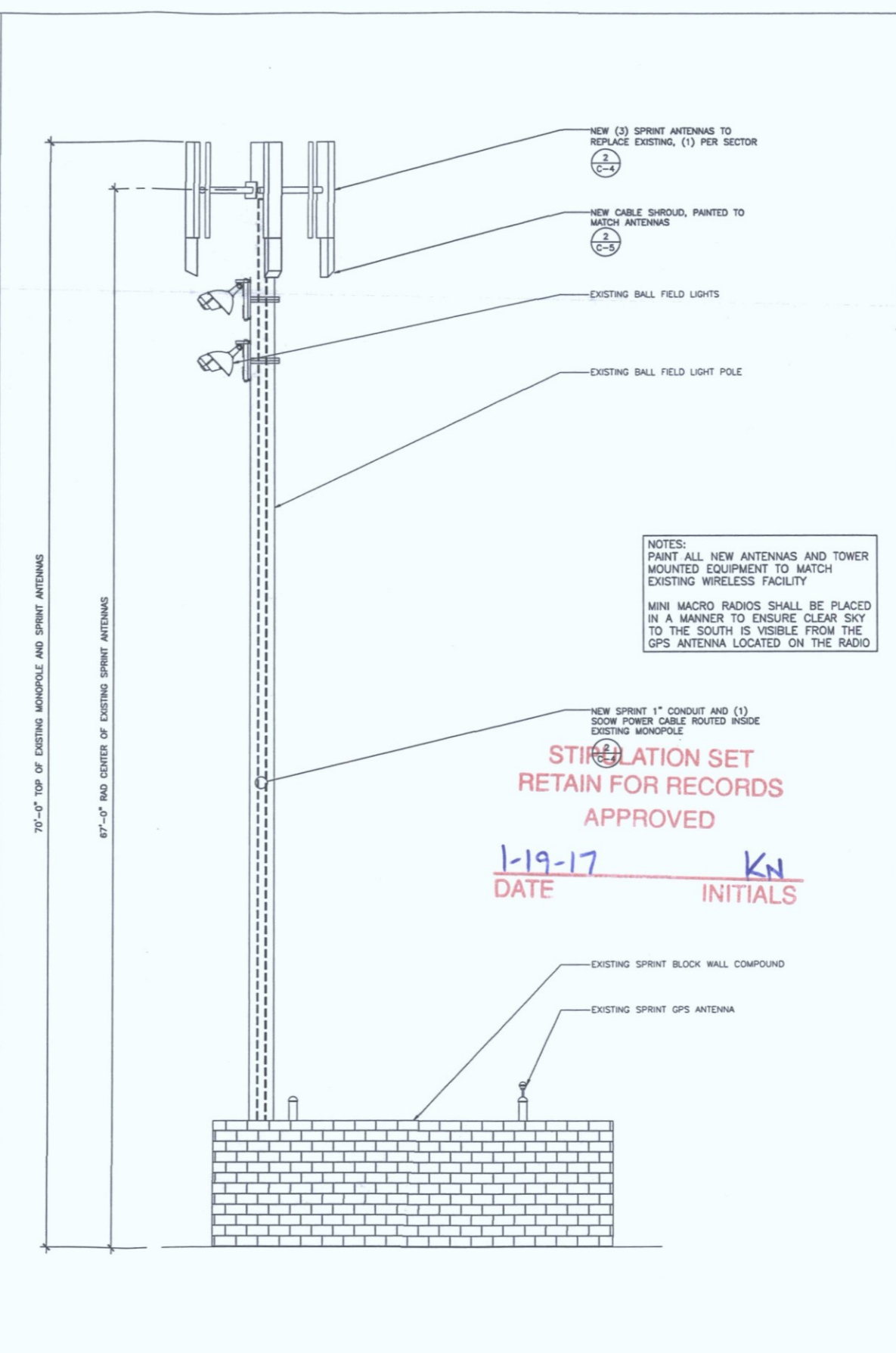
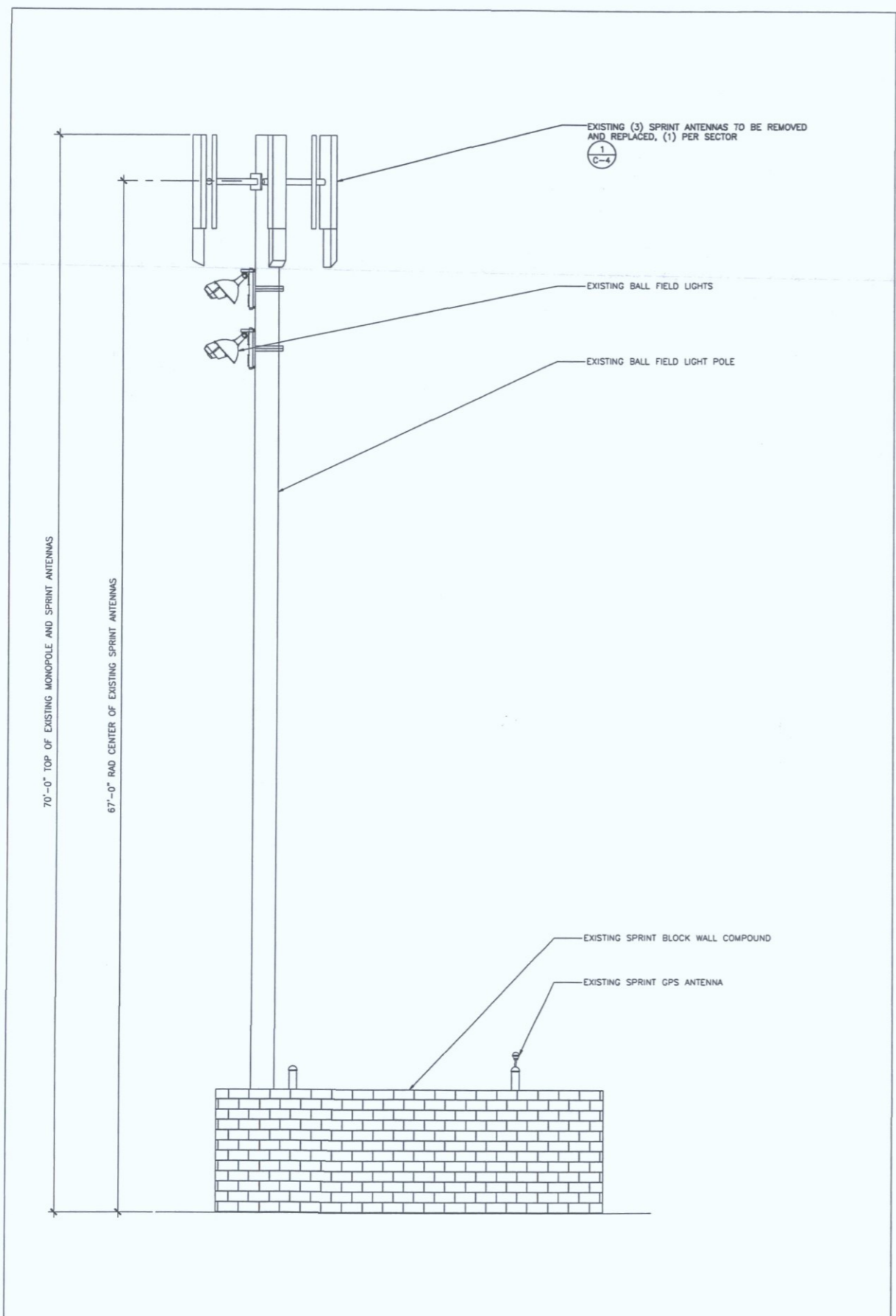
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SHEET TITLE
 ELEVATIONS

SHEET NUMBER
 C-3



EXISTING WEST ELEVATION SCALE: 1/4" = 1'-0" ON 24X36 ONLY 2

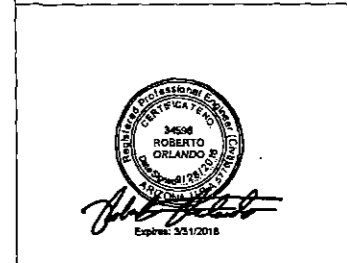
NEW WEST ELEVATION SCALE: 1/4" = 1'-0" ON 24X36 ONLY 1

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 1525 N. HAYDEN ROAD, STE 100 SCOTTSDALE, AZ 85257
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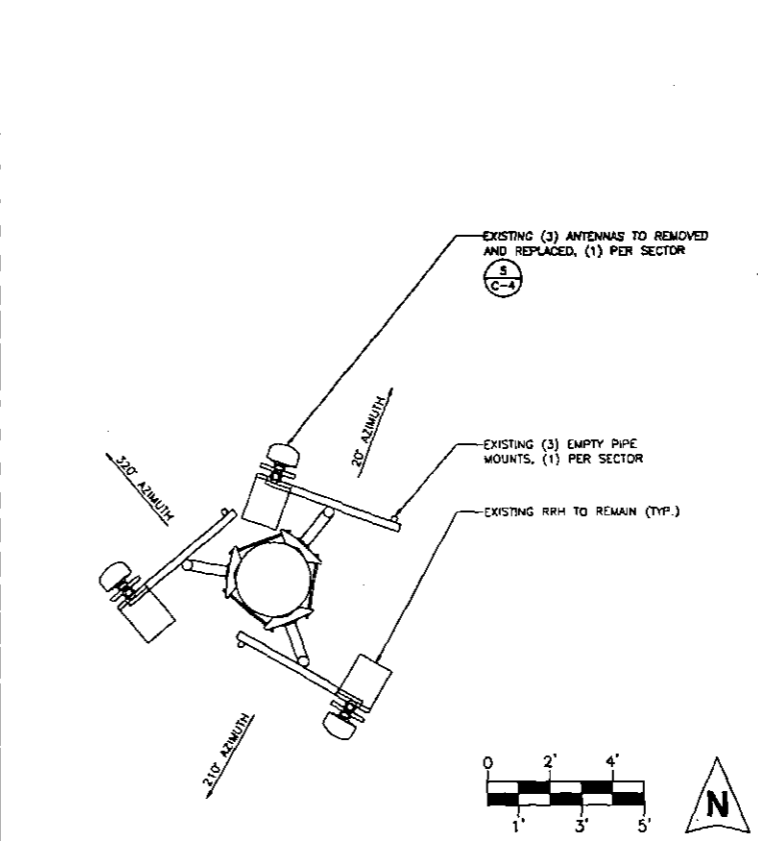
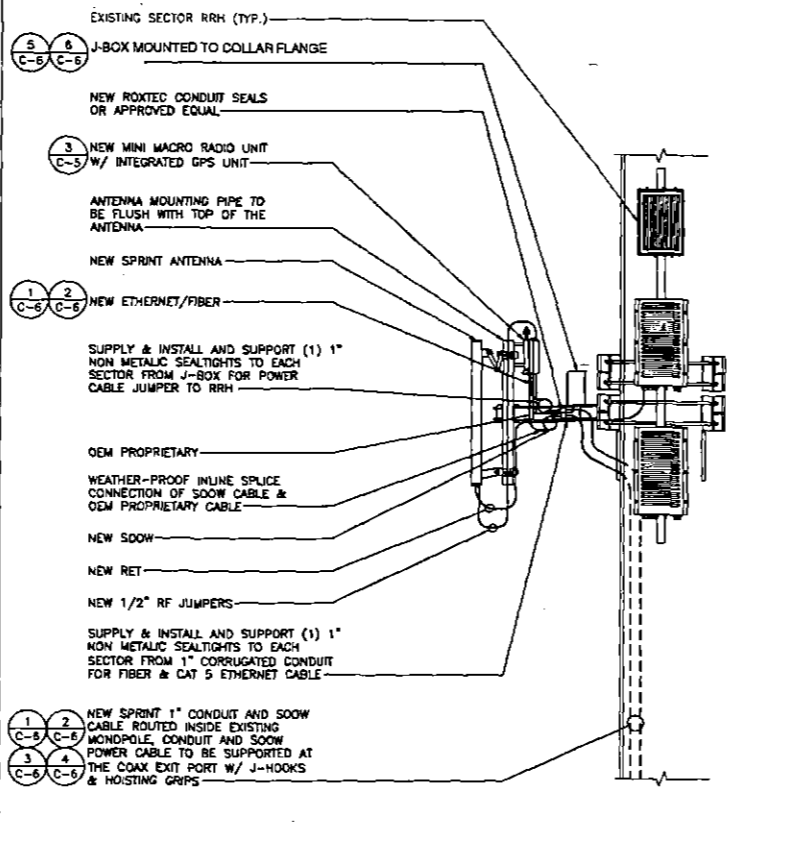
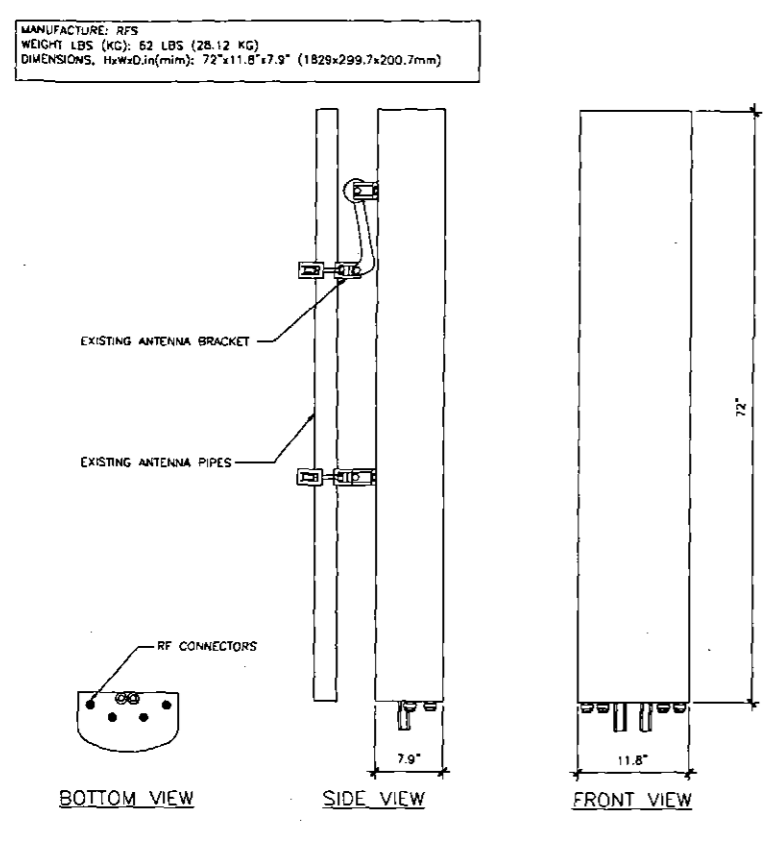
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SHEET TITLE
**DETAILS AND
 SCHEMATICS**

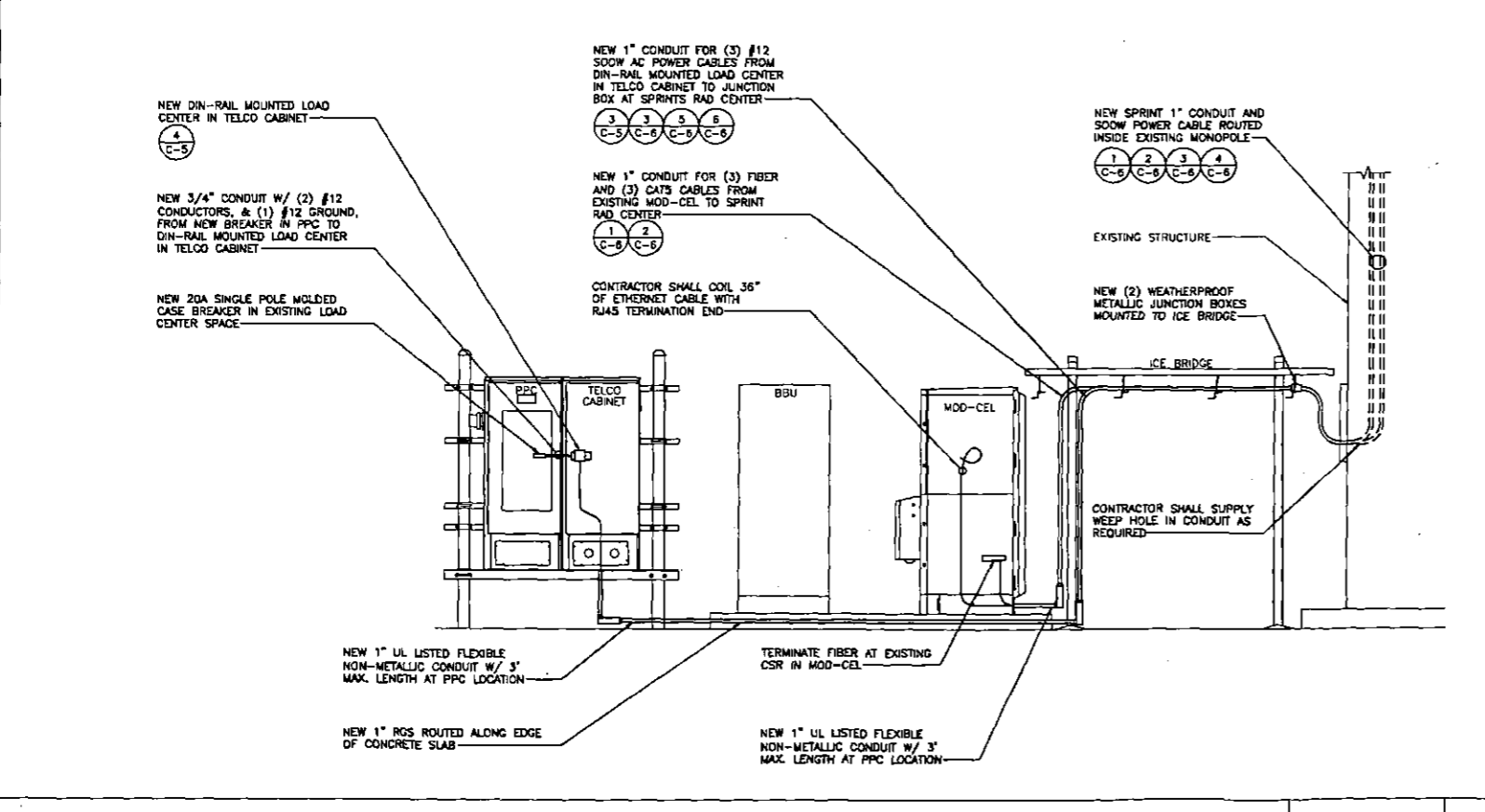
SHEET NUMBER
C-4



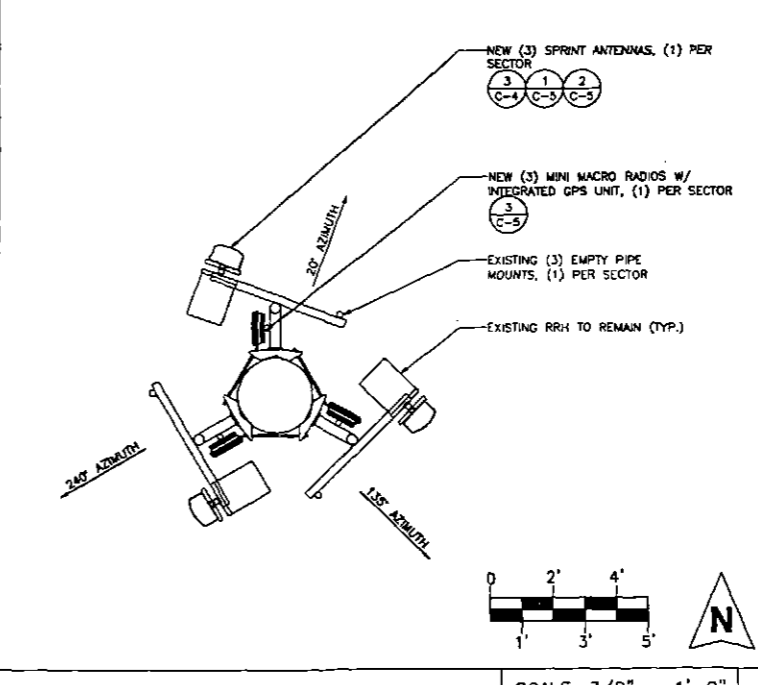
EXISTING ANTENNA SPECS. SCALE: N.T.S. 5

ANTENNA SCHEMATIC SCALE: N.T.S. 3

EXISTING ANTENNA PLAN SCALE: 3/8" = 1'-0" ON 24X36 ONLY 1



NOTES:
 1. PAINT ALL NEW ANTENNAS AND TOWER MOUNTED EQUIPMENT TO MATCH EXISTING WIRELESS FACILITY
 2. MINI MACRO RADIOS SHALL BE PLACED IN A MANNER TO ENSURE CLEAR SKY TO THE SOUTH IS VISIBLE FROM THE GPS ANTENNA LOCATED ON THE RADIO
 3. SUPPLY & INSTALL AND SUPPORT (1) 1" NON METALIC SEALTIGHTS TO EACH SECTOR FROM 1" CORRUGATED CONDUIT FOR FIBER & CAT 5 ETHERNET CABLE
 4. SUPPLY & INSTALL AND SUPPORT (1) 1" NON METALIC SEALTIGHTS TO EACH SECTOR FROM J-BOX FOR POWER CABLE JUMPER TO RRH



CONDUIT ROUTING SCHEMATIC SCALE: N.T.S. 4

NEW ANTENNA PLAN SCALE: 3/8" = 1'-0" ON 24X36 ONLY 2