# T-Mobile

**SITE NUMBER:** SF13047A
**SITE NAME:** PUTNAM VOLVO
**SITE TYPE:** ROOFTOP

**CITY:** BURLINGAME
**COUNTY:** SAN MATEO
**JURISDICTION:** CITY OF BURLINGAME

## PROJECT SUMMARY:

SITE ADDRESS:
3 CALIFORNIA DRIVE
BURLINGAME, CA 94010

GEODETIC COORDINATES:
NAD 1983: LATITUDE: 37.13405691N
LONGITUDE: −121.63175700W

PROPERTY OWNER:
3 CALIFORNIA DRIVE LLC
3 CALIFORNIA DR.
BURLINGAME, CA 94010

APPLICANT:
T−MOBILE WEST CORPORATION
1855 GATEWAY BLVD., 9TH FLOOR
CONCORD, CA 94520−3200

PROJECT DESCRIPTION (704Au RFDS V.4):
THIS PROJECT INCLUDES THE MODIFICATIONS TO AN EXISTING T−MOBILE WIRELESS FACILITY, INCLUDING:

- REMOVE (3) EXISTING 6'−0" PANEL ANTENNAS AND REPLACE WITH (3) NEW 8'−0" TALL DUAL 700MHz ANTENNAS
- ADD (3) NEW 700MHz RRUS11B12 INSIDE EXISTING EQUIPMENT ENCLOSURE AT ROOFTOP
- ADD (3) NEW STYLE 3C TMAS (1 PER SECTOR)
- ADD (3) NEW TWIN PCS TMAS (1 PER SECTOR)
- ADD (3) NEW DIPLEXERS
- REMOVE (6) EXISTING DUAL PCS−AWS TMAS

BUILDING SUMMARY:

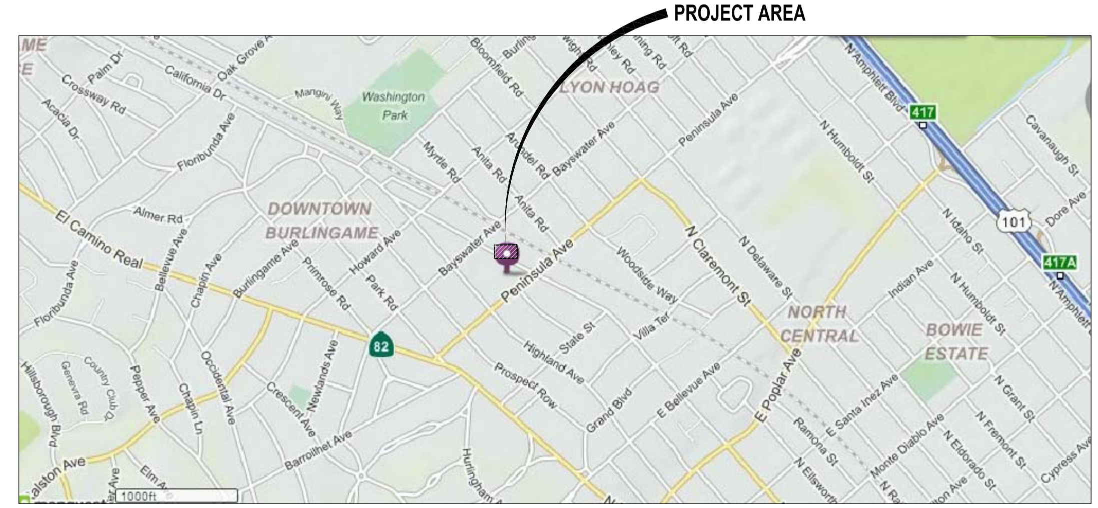
| | |
|---|---|
| OCCUPANCY CLASSIFICATION: | B (TELEPHONE EXCHANGE) |
| TYPE OF CONSTRUCTION: | V−B |
| TOTAL LEASE AREA: | − SQ. FT. |
| ASSESSORS PARCEL NUMBER: | 029−242−240 |

## SHEET INDEX:


| SHEET NUMBER: | DESCRIPTION: |
|---|---|
| T−1 | TITLE SHEET |
| A−1 | SITE PLAN & EQUIPMENT PLAN |
| A−2 | ANTENNA SCHEDULE & ANT. LAYOUTS |
| A−3 | ARCHITECTURAL ELEVATIONS |
| A−3.1 | ARCHITECTURAL ELEVATIONS |
| | ARCHITECTURAL DETAILS |


## VICINITY MAP:

PROJECT AREA




− N −

## CONSULTING TEAM:

PROJECT MANGER:
CORE DEVELOPMENT SERVICES
10 ROLLINS ROAD, SUITE 202
MILLBRAE, CA 94030
CONTACT: GINBAR KETEMA
PHONE: (510) 999−1737
EMAIL: gketema@core.us.com

ZONING MANAGER:
CORE DEVELOPMENT SERVICES
10 ROLLINS ROAD, SUITE 202
MILLBRAE, CA 94030
CONTACT: ASHLEY WOODS
PHONE: (714) 293−5075
EMAIL: awoods@core.us.com

CONSTRUCTION MANAGER:
T−MOBILE
CONTACT: VINOD MANOHARAN
PHONE: (510) 509−0755
EMAIL: Vinod.Manoharan2@T−Mobile.com

ARCHITECTURAL & ENGINEERING:
CDG−CONNELL DESIGN GROUP, L.L.C.
26455 RANCHO PKWY SOUTH
LAKE FOREST, CA 92630
CONTACT: DAN CONNELL
PHONE: (949) 306−4644

## APPROVALS:

THE FOLLOWING PARTIES HEREBY APPROVE AND ACCEPT THESE DOCUMENTS AND AUTHORIZE THE CONTRACTOR TO PROCEED WITH THE CONSTRUCTION DESCRIBED HEREIN. ALL CONSTRUCTION DOCUMENTS ARE SUBJECT TO REVIEW BY THE LOCAL BUILDING DEPARTMENT AND ANY CHANGES AND MODIFICATIONS THEY MAY IMPOSE.

| | PRINT NAME | SIGNATURE | DATE |
|---|---|---|---|
| LANDLORD | | | |
| DEVELOP. MGR | | | |
| CONST. MGR | | | |
| ZONING MGR | | | |
| RF ENGINEER | | | |
| OPERATIONS | | | |
| SAC REP. | | | |
| UTILITIES | | | |

## DRIVING DIRECTIONS:

DIRECTIONS FROM SAN FRANCISCO AIRPORT:

1. START OUT GOING EAST ON AIRPORT ACCESS RD.
2. TURN SLIGHT LEFT TOWARD US−101/I−380/I−280.
3. TURN SLIGHT LEFT ONTO AIRPORT ACCESS RD.
4. MERGE ONTO US−101 S/BAYSHORE FWY S TOWARD SAN JOSE.
5. TAKE EXIT 419B TOWARD BROADWAY.
6. MERGE ONTO BROADWAY.
7. TURN LEFT ONTO CALIFORNIA DR.
8. 3 CALIFORNIA DR IS ON THE RIGHT.

## APPLICABLE CODES

BUILDING CODE: CALIFORNIA BUILDING CODE 2013
ALL WORK IS TO COMPLY WITH THE 2013 CALIFORNIA BUILDING CODE (CBC)
TIA−222−G LIFE SAFETY CODE NFPA−101, 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS
AISC − CONSTRUCTION MANUAL, 9TH EDITION OR LATER.
CEC (CALIFORNIA ELECTRICAL CODE) 2013

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PLANS PREPARED BY:
CONNELL DESIGN GROUP, LLC
CONSULTING CIVIL ENGINEERS
26455 Rancho Pkwy South, Lake Forest, CA 92630
(949) 753-8807 OFFICE - (949) 753-8833 FAX

CONSULTING GROUP:
core
DEVELOPMENT SERVICES
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MILLBRAE, CA 94030


| NO. | DATE: | DESCRIPTION: | BY: |
|---|---|---|---|
| 0 | 09/21/15 | 90% ZD'S | HL |
| 1 | 09/23/15 | 90% ZD'S | JR |
| 2 | 09/25/15 | 100% ZD'S | JR |

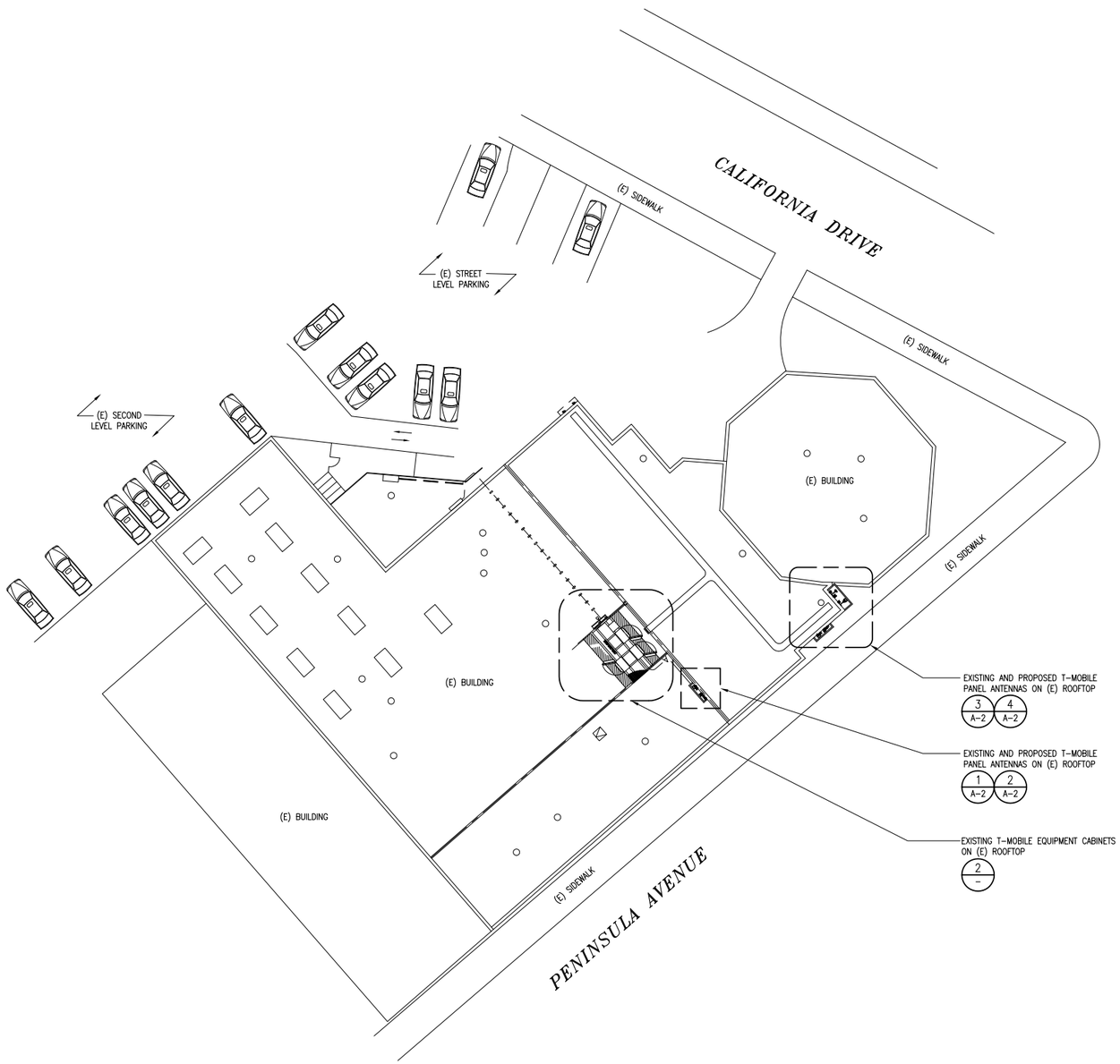
SITE INFORMATION:
PUTNAM VOLVO
SF13047A
3 CALIFORNIA DRIVE
BURLINGAME, CA 94010

SEAL:

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

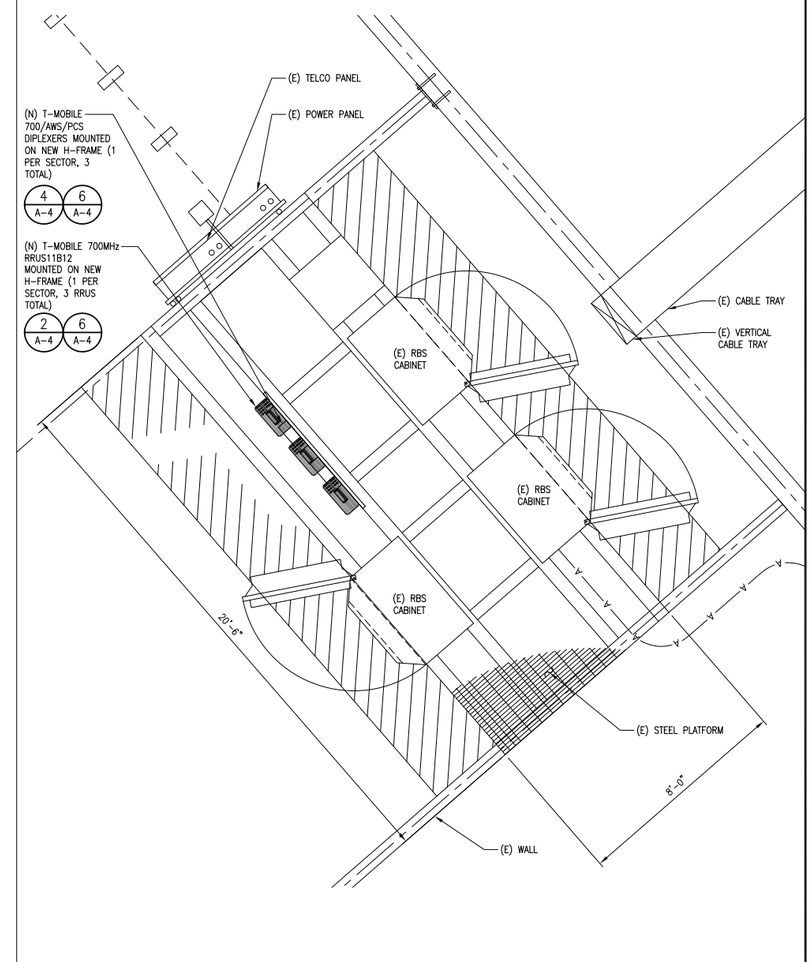
NOTE:
SITE PLAN IS PRELIMINARY AND DONE WITHOUT THE BENEFIT OF A SURVEY.




## SITE PLAN

SCALE: 1"=20'-0" 0 10' 20'

1




## EQUIPMENT PLAN

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

2

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**PUTNAM VOLVO**

**SF13047A**

3 CALIFORNIA DRIVE
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SEAL:

SHEET TITLE:

**SITE PLAN & EQUIPMENT PLAN**

SHEET NUMBER:

**A-1**

## EXISTING ANTENNA SCHEDULE

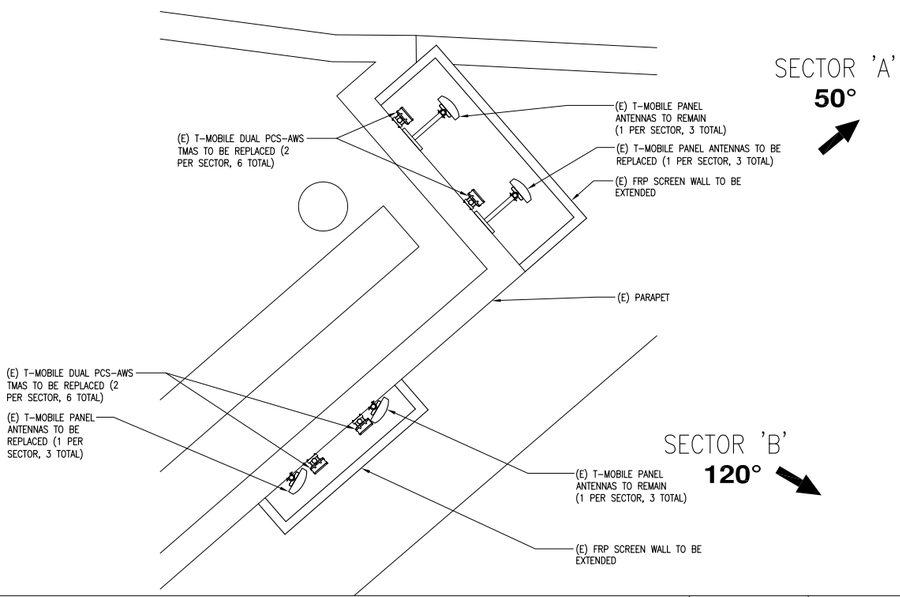
| SECTOR | | ANTENNA ANT. TECH. | ANTENNA MODEL | ANTENNA SIZE | ANTENNA AZIMUTH | RAD CENTER | TMA / RRU | CABLE TYPE | CABLE LENGTH |
|---|---|---|---|---|---|---|---|---|---|
| SECTOR "A" | A1 | UMTS_AWS LTE_AWS | ADFD1820-65C-R2DM | 77.5" | 50° | 44'-0" | (1) DUAL PCS-AWS | (4) 1 5/8" COAX | 60' |
| | A2 | GSM_PCS UMTS_PCS | ADFD1820-65C-R2DM | 77.5" | 50° | 44'-0" | (1) DUAL PCS-AWS | | |
| SECTOR "B" | B1 | UMTS_AWS LTE_AWS | ADFD1820-65C-R2DM | 77.5" | 120° | 44'-0" | (1) DUAL PCS-AWS | (4) 7/8" COAX | 60' |
| | B2 | GSM_PCS UMTS_PCS | ADFD1820-65C-R2DM | 77.5" | 120° | 44'-0" | (1) DUAL PCS-AWS | | |
| SECTOR "C" | C1 | UMTS_AWS LTE_AWS | ADFD1820-65C-R2DM | 77.5" | 240° | 44'-0" | (1) DUAL PCS-AWS | (4) 1 5/8" COAX | 60' |
| | C2 | GSM_PCS UMTS_PCS | ADFD1820-65C-R2DM | 77.5" | 240° | 44'-0" | (1) DUAL PCS-AWS | | |

## PROPOSED ANTENNA SCHEDULE (RFDS VERSION 4)

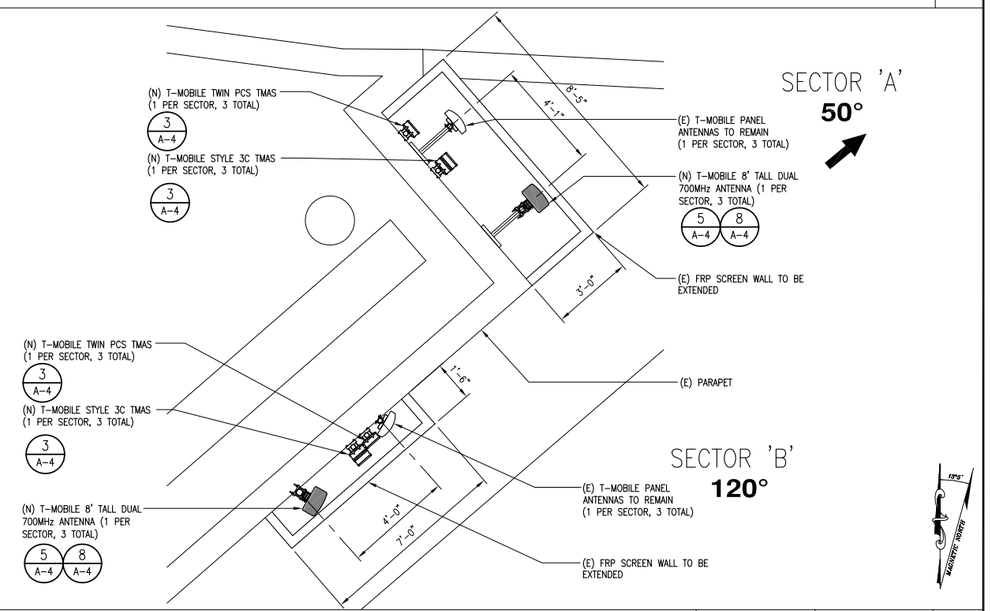
| SECTOR | | ANTENNA ANT. TECH. | ANTENNA MODEL | ANTENNA SIZE | ANTENNA AZIMUTH | RAD CENTER | TMA / RRU | CABLE TYPE | CABLE LENGTH |
|---|---|---|---|---|---|---|---|---|---|
| SECTOR "A" | A1 | GSM_PCS UMTS_PCS LTE_AWS | ADFD1820-65C-R2DM | – | 50° | 44'-0" | (1) STYLE 3C (1) TWIN PCS | (4) 7/8" COAX | 60' |
| | A2 | LTE_700 | APXVF24-C-A20 | 93" | 50° | 43'-0" | (1) RRUS11B12 (DOWN) | | |
| SECTOR "B" | B1 | GSM_PCS UMTS_PCS LTE_AWS | ADFD1820-65C-R2DM | – | 120° | 44'-0" | (1) STYLE 3C (1) TWIN PCS | (4) 7/8" COAX | 60' |
| | B2 | LTE_700 | APXVF24-C-A20 | 93" | 120° | 43'-0" | (1) RRUS11B12 (DOWN) | | |
| SECTOR "C" | C1 | GSM_PCS UMTS_PCS LTE_AWS | ADFD1820-65C-R2DM | – | 240° | 44'-0" | (1) STYLE 3C (1) TWIN PCS | (4) 7/8" COAX | 60' |
| | C2 | LTE_700 | APXVF24-C-A20 | 93" | 240° | 43'-0" | (1) RRUS11B12 (DOWN) | | |

## ANTENNA SCHEDULE

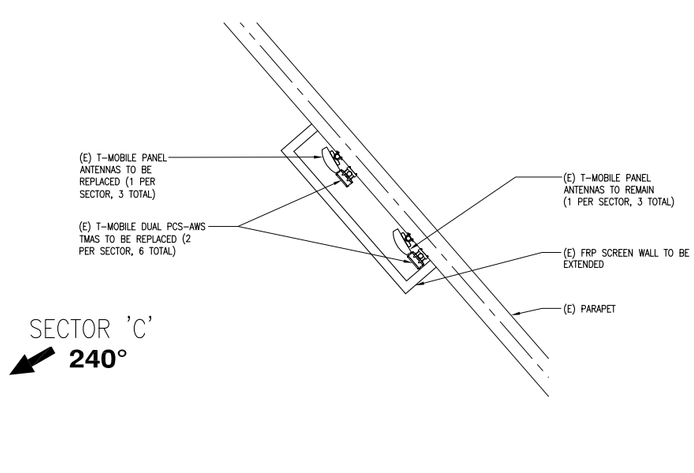
5



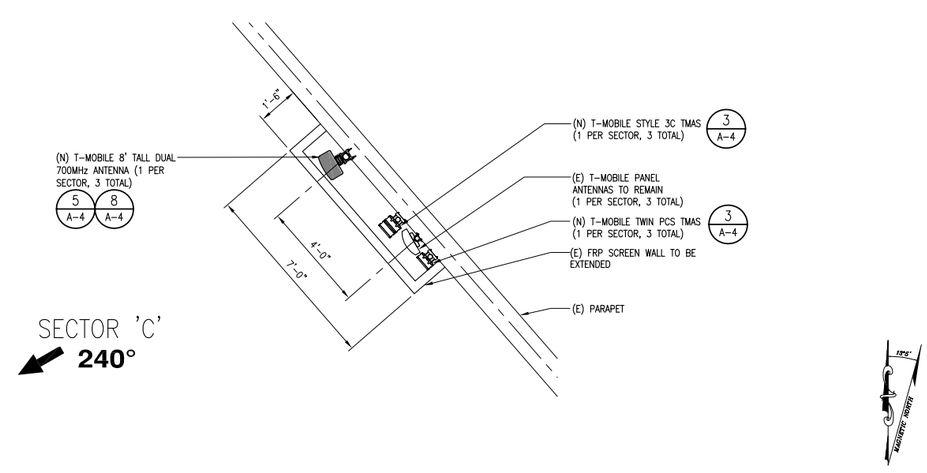

**EXISTING ANTENNA LAYOUT- SECTOR 'A' & 'B'** | SCALE: 3/8"=1'-0" | 0 1' 2' 3' | 4




**PROPOSED ANTENNA LAYOUT - SECTOR 'A' & 'B'** | SCALE: 3/8"=1'-0" | 0 1' 2' 3' | 3




**EXISTING ANTENNA LAYOUT - SECTOR 'C'** | SCALE: 3/8"=1'-0" | 0 1' 2' 3' | 2




**PROPOSED ANTENNA LAYOUT - SECTOR 'C'** | SCALE: 3/8"=1'-0" | 0 1' 2' 3' | 1

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**SF13047A**

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BURLINGAME, CA 94010

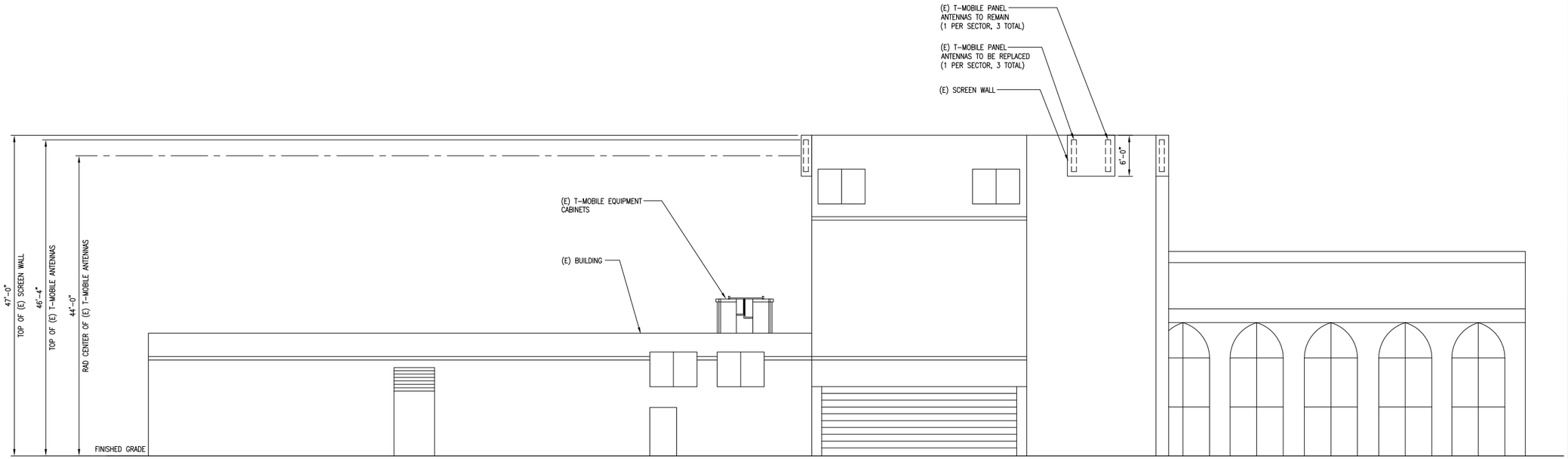
SEAL:

SHEET TITLE:

**ANTENNA SCHEDULE & ANTENNA LAYOUTS**

SHEET NUMBER:

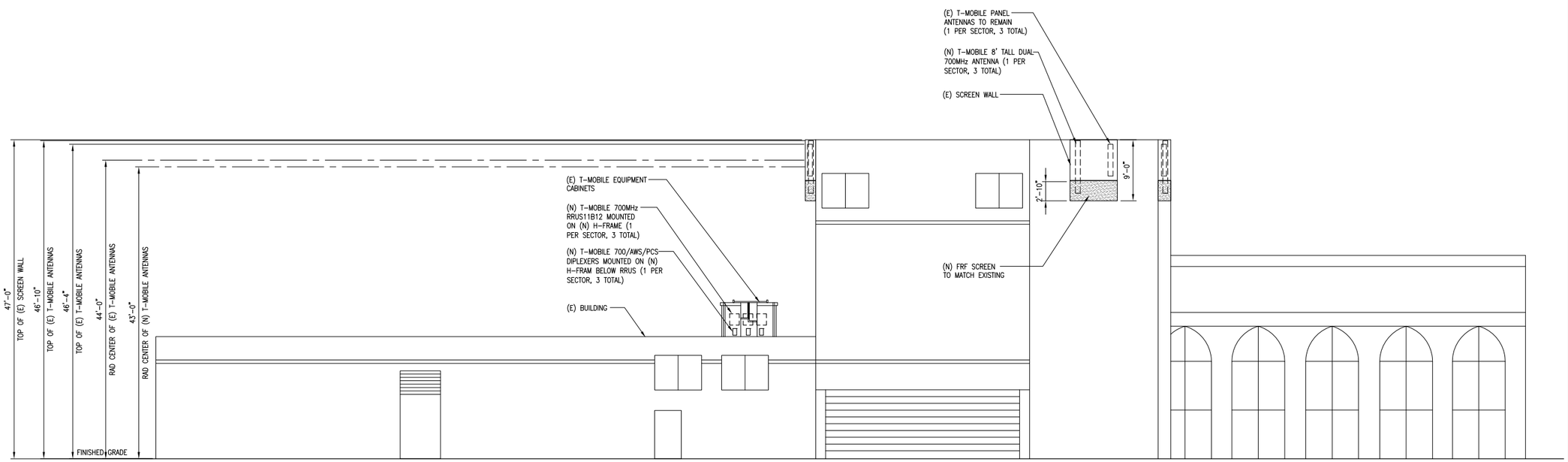
**A-2**




## EXISTING SOUTHEAST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8'

1




## PROPOSED SOUTHEAST ELEVATION

SCALE: 1/8"=1'-0" 0 4' 8'

2

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| 1 | 09/23/15 | 90% ZD'S | JR |
| 2 | 09/25/15 | 100% ZD'S | JR |

SITE INFORMATION:

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3 CALIFORNIA DRIVE
BURLINGAME, CA 94010

SEAL:

SHEET TITLE:

ARCHITECTURAL ELEVATIONS

SHEET NUMBER:

A-3

## EXISTING NORTHEAST ELEVATION

SCALE: 1/8"=1'-0" | 0 4' 8' | 1

## PROPOSED NORTHEAST ELEVATION

SCALE: 1/8"=1'-0" | 0 4' 8' | 2

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SEAL:

SHEET TITLE:

**ARCHITECTURAL ELEVATIONS**

SHEET NUMBER:

**A-3.1**