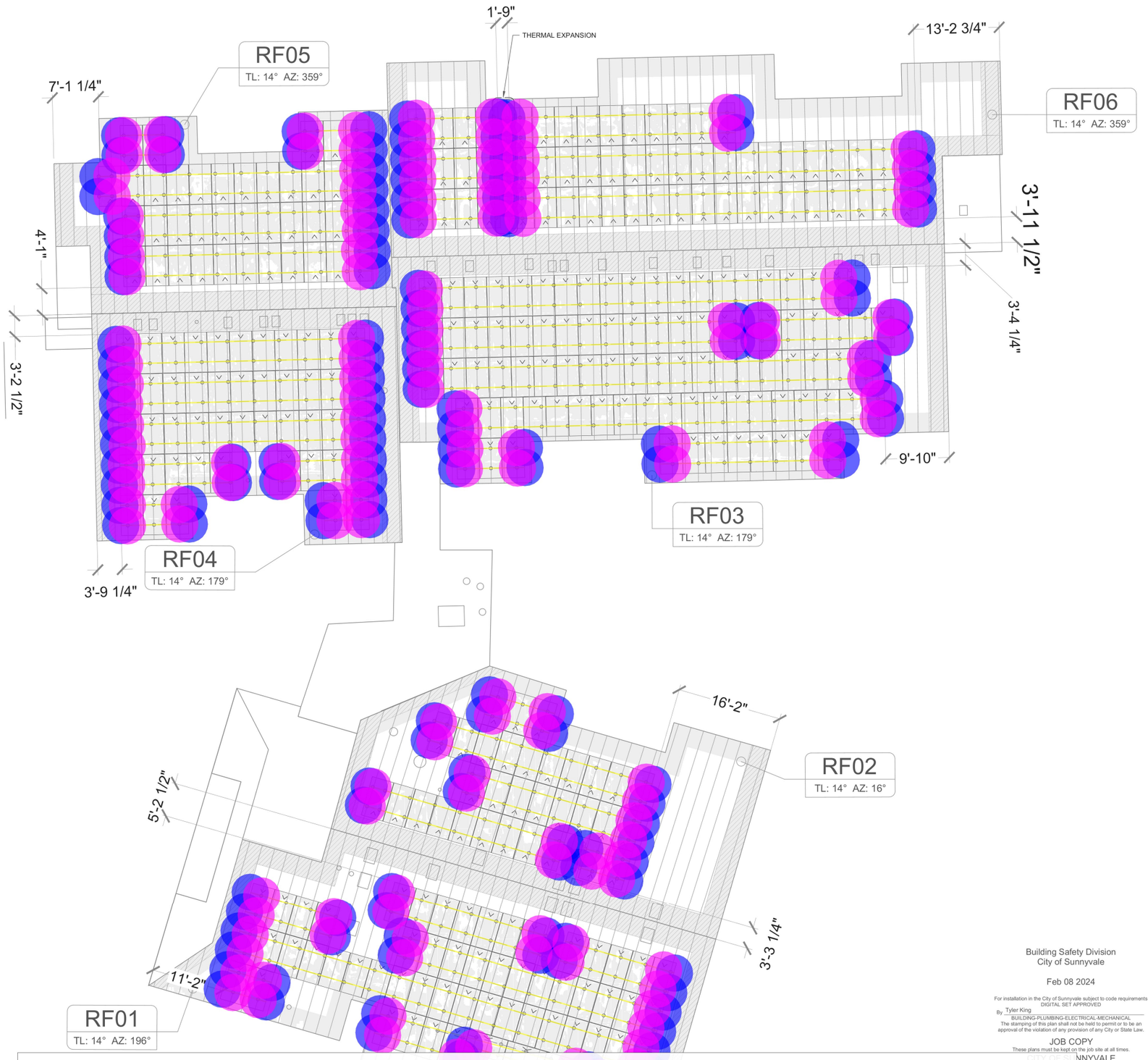

UR-60 Rail	2285.6 FT
UR-60 Rail Rubber End Cap	154.0 EA
Ultra Rail End Clamp, SNAPRACK FITS 30MM, 46MM Module He...	154.0 EA

Building Safety Division
City of Sunnyvale

Feb 08 2024

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DIGITAL SET APPROVED
By Tyler King
BUILDING-PLUMBING-ELECTRICAL-MECHANICAL
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JOB COPY
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CITY OF SUNNYVALE

LEGEND

- SOLAR MODULES
- RAIL
- STANDOFFS & FOOTINGS
- CHIMNEY
- ATTIC VENT
- FLUSH ATTIC VENT
- PVC PIPE VENT
- METAL PIPE VENT
- T-VENT
- SATELLITE DISH
- FIRE SETBACKS
- HARDSCAPE
- PL PROPERTY LINE
- (N) SOLAR CANOPY STRUCTURAL COLUMN
- 2° PITCH DOWN SLOPE
- FLUSH FOOTING
- CARPORT FOOTING
- RAIL
- ROOF FRAMING
- WINDZONES

ADDITIONAL DETAILS

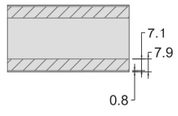
MAX DISTRIBUTED LOAD: 3 PSF
SNOW LOAD: 0 PSF
WIND SPEED: 91 MPH
LAG SCREWS:
5/16"x3.5": 2.5" MIN EMBEDMENT
NOTE:
INSTALLERS TO VERIFY RAFTER SIZE, SPACING AND SLOPED SPANS, AND NOTIFY E.O.R. OF ANY DISCREPANCIES BEFORE PROCEEDING.

ROOF IDENTIFIER

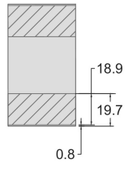
MOUNTING INDEX
MOUNTING TYPE
TILT
AZUMUTH
XX##
TL: ##° AZ: ###°

CLAMPING ZONES

HANWHA Q.PEAK DUO BLK ML-G10+
LANDSCAPE CLAMP ZONE
0.79" TO 7.87"



HANWHA Q.PEAK DUO BLK ML-G10+
PORTRAIT CLAMP ZONE
0.79" TO 19.7"



CONTRACTOR:
SUNRUN
225 BUSH ST #1400, SAN FRANCISCO, CA 94104
CA CL #750184

UNAUTHORIZED USE OF THIS DRAWING SET WITHOUT WRITTEN PERMISSION FROM CONTRACTOR IS IN VIOLATION OF U.S. COPYRIGHT LAWS AND WILL BE SUBJECT TO CIVIL DAMAGES AND PROSECUTIONS.

CRESCENT TERRACE
130 CRESCENT AVE,
SUNNYVALE, CA 94087, USA
APN:21135099
DEVELOPER:
MIDPEN

PROJECT DETAILS:
PV SYSTEM:
130.815 kW DC
100 kW AC
117.899 CEC AC

ENGINEERING APPROVAL:
REGISTERED PROFESSIONAL ENGINEER
MATTHEW W. BAILEY
C70980
CIVIL
STATE OF CALIFORNIA
4/5/23
REVIEWED FOR STRUCTURAL

REGISTERED PROFESSIONAL ENGINEER
MATTHEW W. BAILEY
E 19375
EXP. 12-31-24
ELECTRICAL
STATE OF CALIFORNIA

DESCRIPTION	DATE	REV
ORIGINAL	02/13/23	A
AHJ COMMENT	03/24/23	B
IX CHANGE/ EQUIPMENT RACK	01/26/24	C

SHEET SIZE:
36" X 24" (ARCH D)

SHEET TITLE:
STRUCTURAL DETAIL

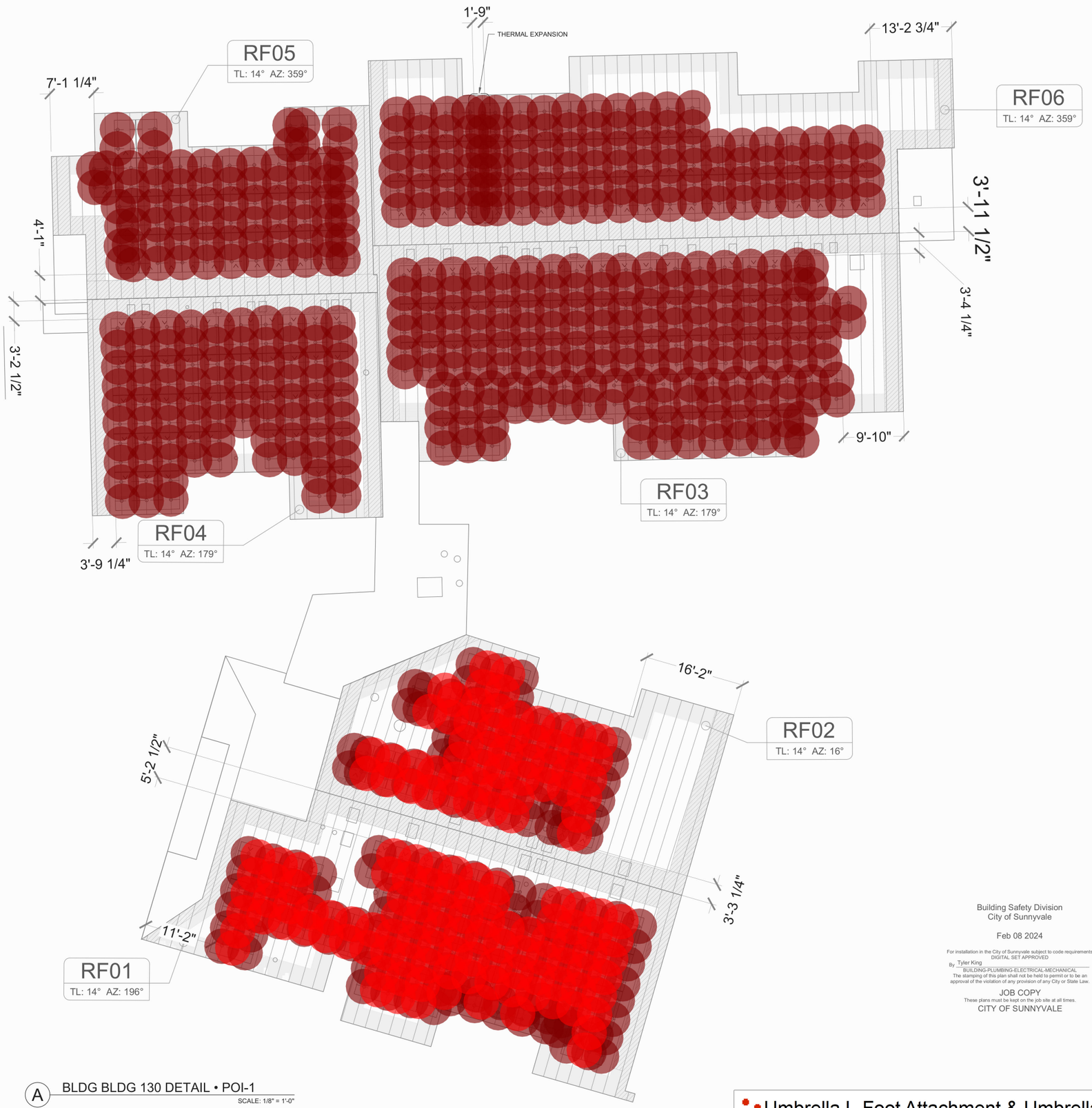
SHEET NUMBER:
S200

REVISION:
B

PM: TAYLOR WALSH

DESIGNER: FINS-VI

PJT #: 1904006035
CONTR #: 1107391371



A BLDG BLDG 130 DETAIL • POI-1

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

Building Safety Division
City of Sunnyvale

Feb 08 2024

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SNOW LOAD: 0 PSF
WIND SPEED: 91 MPH
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ROOF IDENTIFIER

MOUNTING INDEX
MOUNTING TYPE — XX##
TILT — TL: ##° AZ: ###°
AZUMUTH

CLAMPING ZONES

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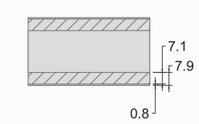
LANDSCAPE CLAMP ZONE
0.79" TO 7.87"



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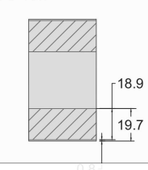

CONTRACTOR:
sunrun
225 BUSH ST #1400, SAN FRANCISCO, CA 94104
CA CL #750184

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130 CRESCENT AVE,
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APN:21135099
DEVELOPER:
MIDPEN

PROJECT DETAILS:
PV SYSTEM:
130.815 kW DC
100 kW AC
117.899 CEC AC

ENGINEERING APPROVAL:
REGISTERED PROFESSIONAL ENGINEER
MATTHEW W. BAILEY
E 19375
EXP. 12-31-24
CIVIL
STATE OF CALIFORNIA
4/5/23
REVIEWED FOR STRUCTURAL

DESCRIPTION	DATE	REV
ORIGINAL	02/13/23	A
AHJ COMMENT	03/24/23	A
IX CHANGE/ EQUIPMENT RACK	01/26/24	B

SHEET SIZE:
36" X 24" (ARCH D)

SHEET TITLE:
STRUCTURAL DETAIL

SHEET NUMBER:
S200

REVISION:
B

PM: TAYLOR WALSH

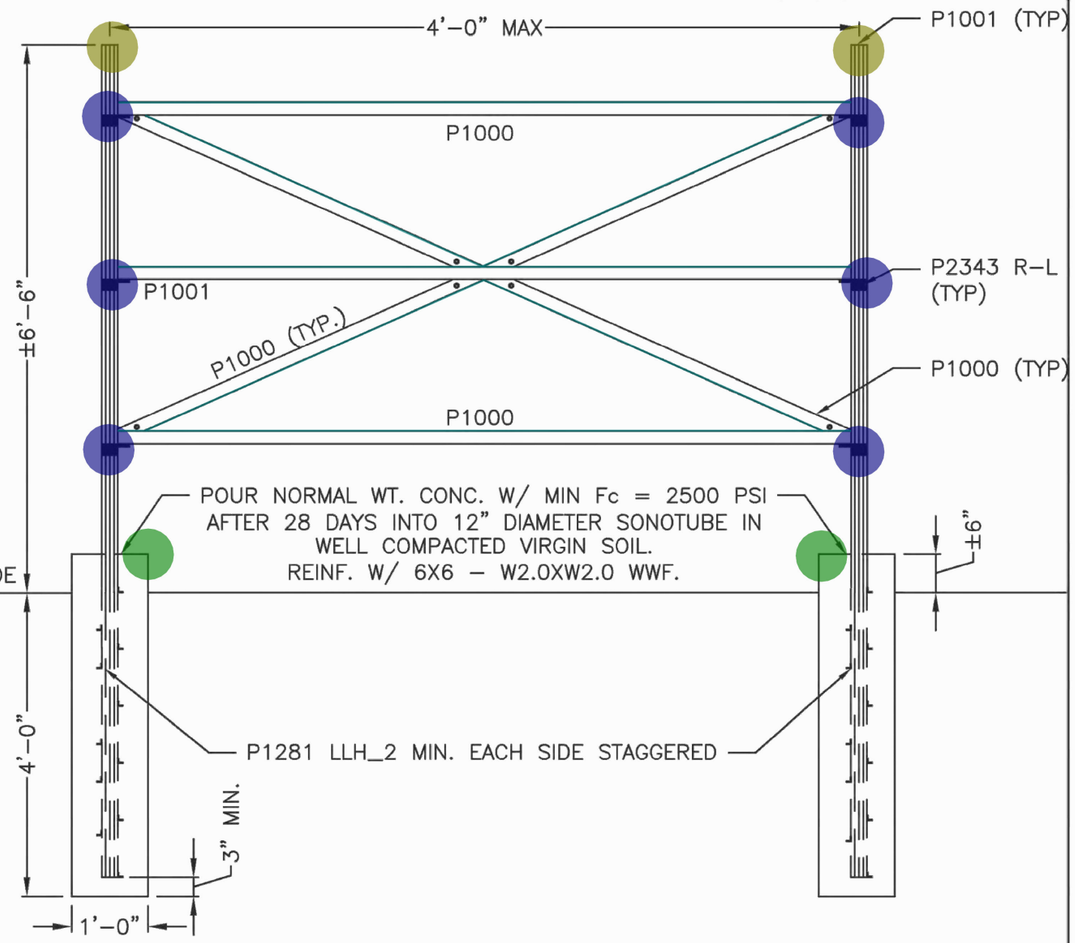
DESIGNER: FINS-VI

Umbrella L-Foot Attachment & Umbrella SNAPNRACK Flashing 91"x12" Silver/... 628.0 EA
Ultra Rail Mid Clamp, SNAPNRACK FITS 30MM, 46MM Module Height 151.0 EA

NOTE: EQUIPMENT MAY BE INSTALLED ON BOTH SIDES OF THE RACK

REGISTERED PROFESSIONAL ENGINEER
R. JEREMY ROGERS
C70903
CIVIL
STATE OF CALIFORNIA
4/13/23

SONOTUBE FOUNDATION



1 FS-01 TYPICAL EQUIPMENT RACK
SCALE: NONE

NOTE: RACKING DESIGN TO BE VERIFIED BY STRUCTURAL ENGINEER OR SIMILAR BASED ON SITE CONDITIONS.

FS-01

PROJECT	DEVELOPER
SUNRUN PROJECTS SOLAR CITY CALIFORNIA	SUNRUN 225 BUSH ST #1400 SAN FRANCISCO, CA 94104

- 12" Dia Concrete Peir for Sonotube Foundation (4'-6" H) — 2.0 EA
- P1001 Channel (11'-6" H) (P1281 LLH 22 EA) — 2.0 EA
- P2343 R-L — 6.0 EA
- P1000 Unistrut Channel — 22.5 FT

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AHJ COMMENT	03/24/23	A
IX CHANGE/ EQUIPMENT RACK	01/26/24	B

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36" X 24" (ARCH D)

SHEET TITLE:
EQUIPMENT RACK DETAILS

SHEET NUMBER:
S500

REVISION:
B

PM: TAYLOR WALSH

DESIGNER: FINS-VI

PJT #: 1904006035
CONTR #: 1107391371