

GENERAL CONSTRUCTION NOTES:

1. PLANS ARE INTENDED TO BE DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
2. THE CONTRACTOR SHALL OBTAIN, IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED OR IDENTIFIED BY THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL CONTACT USA (UNDERGROUND SERVICE ALERT) AT (800) 227-2600, FOR UTILITY LOCATIONS, 48 HOURS BEFORE PROCEEDING WITH ANY EXCAVATION, SITE WORK OR CONSTRUCTION.
4. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE, OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
5. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CBC / UBC'S REQUIREMENTS REGARDING EARTHQUAKE RESISTANCE, FOR, BUT NOT LIMITED TO, PIPING, LIGHT FIXTURES, CEILING GRID, INTERIOR PARTITIONS, AND MECHANICAL EQUIPMENT. ALL WORK MUST COMPLY WITH LOCAL EARTHQUAKE CODES AND REGULATIONS.
6. REPRESENTATIONS OF TRUE NORTH, OTHER THAN THOSE FOUND ON THE PLOT OF SURVEY DRAWINGS, SHALL NOT BE USED TO IDENTIFY OR ESTABLISH BEARING OF TRUE NORTH AT THE SITE. THE CONTRACTOR SHALL RELY SOLELY ON THE PLOT OF SURVEY DRAWING AND ANY SURVEYOR'S MARKINGS AT THE SITE FOR THE ESTABLISHMENT OF TRUE NORTH, AND SHALL NOTIFY THE ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK IF ANY DISCREPANCY IS FOUND BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE TRUE NORTH ORIENTATION AS DEPICTED ON THE CIVIL SURVEY. THE CONTRACTOR SHALL ASSUME SOLE LIABILITY FOR ANY FAILURE TO NOTIFY THE ARCHITECT / ENGINEER.
7. THE BUILDING DEPARTMENT ISSUING THE PERMITS SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORK, OR AS OTHERWISE STIPULATED BY THE CODE ENFORCEMENT OFFICIAL, HAVING JURISDICTION.
8. DO NOT EXCAVATE OR DISTURB BEYOND THE PROPERTY LINES OR LEASE LINES, UNLESS OTHERWISE NOTED.
9. ALL (E) UTILITIES, FACILITIES, CONDITIONS, AND THEIR DIMENSIONS SHOWN ON THE PLAN HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THE ARCHITECT / ENGINEER AND THE OWNER ASSUME NO RESPONSIBILITY WHATSOEVER AS TO THE SUFFICIENCY OR THE ACCURACY OF THE INFORMATION SHOWN ON THE PLANS, OR THE MANNER OF THEIR REMOVAL OR ADJUSTMENT. CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL (E) UTILITIES AND FACILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTORS SHALL ALSO OBTAIN FROM EACH UTILITY COMPANY DETAILED INFORMATION RELATIVE TO WORKING SCHEDULES AND METHODS OF REMOVING OR ADJUSTING (E) UTILITIES.
10. CONTRACTOR SHALL VERIFY ALL (E) UTILITIES, BOTH HORIZONTAL AND VERTICALLY, PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES OR DOUBTS AS TO THE INTERPRETATION OF PLANS SHOULD BE IMMEDIATELY REPORTED TO THE ARCHITECT / ENGINEER FOR RESOLUTION AND INSTRUCTION, AND NO FURTHER WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS CHECKED AND CORRECTED BY THE ARCHITECT / ENGINEER. FAILURE TO SECURE SUCH INSTRUCTION MEANS CONTRACTOR WILL HAVE WORKED AT HIS/HER OWN RISK AND PENSE.
11. ALL NEW AND (E) UTILITY STRUCTURES ON SITE AND IN AREAS TO BE DISTURBED BY CONSTRUCTION SHALL BE ADJUSTED TO FINISH ELEVATIONS PRIOR TO FINAL INSPECTION OF WORK.
12. ANY DRAIN AND/OR FIELD TILE ENCOUNTERED / DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO ITS ORIGINAL CONDITION PRIOR TO COMPLETION OF WORK. SIZE, LOCATION AND TYPE OF ANY UNDERGROUND UTILITIES OR IMPROVEMENTS SHALL BE ACCURATELY NOTED AND PLACED ON "AS-BUILT" DRAWINGS BY GENERAL CONTRACTOR, AND ISSUED TO THE ARCHITECT / ENGINEER AT COMPLETION OF PROJECT.
13. ALL TEMPORARY EXCAVATIONS FOR THE INSTALLATION OF FOUNDATIONS, UTILITIES, ETC., SHALL BE PROPERLY LAID BACK OR BRACED IN ACCORDANCE WITH CORRECT OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REQUIREMENTS.
14. INCLUDE MISC. ITEMS PER VERIZON WIRELESS SPECIFICATIONS

APPLICABLE CODES, REGULATIONS AND STANDARDS:

1. 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.
2. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.
3. SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:
 - 3.1. AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
 - 3.2. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION
 - 3.3. TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARD FOR STRUCTURAL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES
 - 3.4. INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRICAL EQUIPMENT.
 - 3.5. IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")
 - 3.6. TIA 607 COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS TELCORDIA GR-63 NETWORK
 - 3.7. EQUIPMENT-BUILDING SYSTEM (NEBS): PHYSICAL PROTECTION
 - 3.8. TELCORDIA GR-347 CENTRAL OFFICE POWER WIRING
 - 3.9. TELCORDIA GR-1275 GENERAL INSTALLATION REQUIREMENTS
 - 3.10. TELCORDIA GR-1503 COAXIAL CABLE CONNECTIONS
 - 3.11. ANY AND ALL OTHER LOCAL & STATE LAWS AND REGULATIONS
 - 3.12. FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ABBREVIATIONS:

A.B.	ANCHOR BOLT	FDN.	FOUNDATION	SCH.	SCHEDULE
ABV.	ABOVE	F.O.C.	FACE OF CONCRETE	SHT.	SHEET
ACCA	ANTENNA CABLE COVER ASSEMBLY	F.O.M.	FACE OF MASONRY	SIM.	SIMILAR
ADD'L	ADDITIONAL	F.O.S.	FACE OF STUD	SPEC.	SPECIFICATIONS
A.F.F.	ABOVE FINISHED FLOOR	F.O.W.	FACE OF WALL	SQ.	SQUARE
A.F.G.	ABOVE FINISHED GRADE	F.S.	FINISH SURFACE	S.S.	STAINLESS STEEL
ALUM.	ALUMINUM	FT.(')	FOOT (FEET)	STD.	STANDARD
ALT.	ALTERNATE	FTG.	FOOTING	STL.	STEEL
ANT.	ANTENNA	G.	GROWTH (CABINET)	STRUC.	STRUCTURAL
APPRX.	APPROXIMATE(LY)	GA.	GAUGE	TEMP.	TEMPORARY
ARCH.	ARCHITECT(JURAL)	GI.	GALVANIZE(D)	THK.	THICK(NESS)
AWG.	AMERICAN WIRE GAUGE	G.F.I.	GROUND FAULT CIRCUIT	T.N.	TOE NAIL
BLDG.	BUILDING	INTERRUPTER		T.O.A.	TOP OF ANTENNA
BLK.	BLOCK	GLB. (GLU-LAM)	GLUE LAMINATED BEAM	T.O.C.	TOP OF CURB
BLKG.	BLOCKING	GPS	GLOBAL POSITIONING SYSTEM	T.O.F.	TOP OF FOUNDATION
BM.	BEAM	GRND.	GROUND	T.O.P.	TOP OF PLATE (PARAPET)
B.N.	BOUNDARY NAILING	HDR.	HEADER	T.O.S.	TOP OF STEEL
BTCW.	BARE TINNED COPPER WIRE	HGR.	HANGER	T.O.W.	TOP OF WALL
B.O.F.	BOTTOM OF FOOTING	HT.	HEIGHT	TYP.	TYPICAL
B/U	BACK-UP CABINET	ICGB.	ISOLATED COPPER GROUND BUS	U.G.	UNDER GROUND
CAB.	CABINET	IN. (")	INCH(ES)	U.L.	UNDERWRITERS LABORATORY
CANT.	CANTILEVER(ED)	INT.	INTERIOR	U.N.O.	UNLESS NOTED OTHERWISE
C.I.P.	CAST IN PLACE	LB.(#)	POUND(S)	V.I.F.	VERIFY IN FIELD
CLG.	CEILING	L.B.	LAG BOLTS	W	WIDE (WIDTH)
CLR.	CLEAR	L.F.	LINEAR FEET (FOOT)	w/	WITH
COL.	COLUMN	L.	LONG(ITUDINAL)	WD.	WOOD
CONC.	CONCRETE	MAS.	MASONRY	W.P.	WEATHERPROOF
CONN.	CONNECTION(OR)	MAX.	MAXIMUM	WT.	WEIGHT
CONST.	CONSTRUCTION	M.B.	MACHINE BOLT	⌀	CENTERLINE
CONT.	CONTINUOUS	MECH.	MECHANICAL	ℙ	PLATE, PROPERTY LINE
d	PENNY (NAILS)	MFR.	MANUFACTURER		
DBL	DOUBLE	MIN.	MINIMUM		
DEPT.	DEPARTMENT	MISC.	MISCELLANEOUS		
D.F.	DOUGLAS FIR	MTL.	METAL		
DIA.	DIAMETER	(N)	NEW		
DIAG.	DIAGONAL	NO.(#)	NUMBER		
DIM.	DIMENSION	N.T.S.	NOT TO SCALE		
DWG.	DRAWING(S)	O.C.	ON CENTER		
DWL.	DOWEL(S)	OPNG.	OPENING		
EA.	EACH	P/C	PRECAST CONCRETE		
EL.	ELEVATION	PCS	PERSONAL COMMUNICATION		
ELEC.	ELECTRICAL	SERVICES			
ELEV.	ELEVATOR	PLY.	PLYWOOD		
EMT.	ELECTRICAL METALLIC TUBING	PPC	POWER PROTECTION CABINET		
E.N.	EDGE NAIL	PRC	PRIMARY RADIO CABINET		
ENG.	ENGINEER	P.S.F.	POUNDS PER SQUARE FOOT		
EQ.	EQUAL	P.S.I.	POUNDS PER SQUARE INCH		
EXP.	EXPANSION	P.T.	PRESSURE TREATED		
EXST.(E)	(E)	PWR.	POWER (CABINET)		
EXT.	EXTERIOR	QTY.	QUANTITY		
FAB.	FABRICATION(OR)	RAD.(R)	RADIUS		
F.F.	FINISH FLOOR	REF.	REFERENCE		
F.G.	FINISH GRADE	REINF.	REINFORCEMENT(ING)		
FIN.	FINISH(ED)	REQ'D/	REQUIRED		
FLR.	FLOOR	RGS.	RIGID GALVANIZED STEEL		

SYMBOLS LEGEND:

	BLDG. SECTION		GROUT OR PLASTER
	WALL SECTION		(E) BRICK
	DETAIL		(E) MASONRY
	ELEVATION		CONCRETE
	DOOR SYMBOL		EARTH
	WINDOW SYMBOL		GRAVEL
	TILT-UP PANEL MARK		PLYWOOD
	PROPERTY LINE		SAND
	CENTERLINE		PLYWOOD
	ELEVATION DATUM		SAND
	GRID/COLUMN LINE		(E) STEEL
	KEYNOTE, DIMENSION ITEM		MATCH LINE
	KEYNOTE, CONSTRUCTION ITEM		GROUND CONDUCTOR
	WALL TYPE MARK		OVERHEAD SERVICE CONDUCTORS
	ROOM NAME		TELEPHONE CONDUIT
	ROOM NUMBER		POWER CONDUIT
			COAXIAL CABLE
			CHAIN LINK FENCE
			WOOD FENCE
			(P) ANTENNA
			(P) RRU
			(P) DC SURGE SUPPRESSION
			(F) ANTENNA
			(F) RRU
			(E) EQUIPMENT

PREPARED FOR:



VENDOR:



ISSUE STATUS:

[illegible]**LICENSOR:**

IT IS A VIOLATION OF LAW FOR ANY
PERSONS, UNLESS THEY ARE
ACTING UNDER THE DIRECTION
OF A LICENSED PROFESSIONAL
ENGINEER, TO ALTER THIS
DOCUMENT

PROJECT NAME:

**DOWNTOWN
SUNNYVALE**
MDG L ID#: 5000954339
295 W EVELYN AVE
SUNNYVALE, CA 94086

SHEET TITLE:
GENERAL NOTES
LEGEND &
ABBREVIATIONS

T-2

T-3

NOTES:

APN: 209-06-082
OWNER(S): CITY OF SUNNYVALE

THIS DRAWING DOES NOT REPRESENT A BOUNDARY SURVEY OF ANY PARCEL OF LAND, NOR DOES IT IMPLY OR INFER THAT A BOUNDARY SURVEY WAS PERFORMED. THIS IS A SPECIALIZED TOPOGRAPHIC MAP WITH PROPERTY AND EASEMENTS BEING A GRAPHIC DEPICTION BASED ON INFORMATION GATHERED FROM VARIOUS SOURCES OF RECORD AND AVAILABLE MONUMENTATION. PROPERTY LINES AND LINES OF TITLE WERE NEITHER INVESTIGATED NOR SURVEYED AND SHALL BE CONSIDERED APPROXIMATE ONLY. NO PROPERTY MONUMENTS WERE SET.

THE EASEMENTS (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN PLOTTED BASED SOLELY ON INFORMATION CONTAINED IN THE TITLE REPORT BY: CHICAGO TITLE INSURANCE COMPANY, GUARANTEE NO. FWPS-T025000509, DATED APRIL 21, 2025. WITHIN SAID TITLE REPORT THERE ARE FOURTEEN (14) EXCEPTIONS LISTED, EIGHT (8) OF WHICH ARE EASEMENTS AND THREE (3) OF WHICH CAN NOT BE PLOTTED.

THE UNDERGROUND UTILITIES (IF ANY) THAT APPEAR ON THIS MAP HAVE BEEN LOCATED BY FIELD OBSERVATION. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES STATE THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE.

THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD RATE MAP FOR COMMUNITY NO. 060352, PANEL NO. 0045H, DATED MAY 18, 2009 SHOWS THAT THE LOCATION OF THIS SITE FALLS WITHIN "ZONE X", WHICH ARE AREA WITH A 0.2% ANNUAL FLOOD HAZARD CHANCE.

THE LATITUDE AND LONGITUDE AT THE LOCATION AS SHOWN WAS DETERMINED BY GPS OBSERVATIONS.

LAT. 37° 22' 41.46" N. NAD 83 (37.378183°)
LONG. 122° 01' 49.39" W. NAD 83 (-122.030386°)
ELEV. 91.8' NAVD 88 (BASIS OF DRAWING)

The information shown above meets or exceeds the requirements set forth in FAA order 8260.19D for 1-A accuracy (± 20' horizontally and ± 3' vertically). The horizontal datum (coordinates) are expressed as degrees, minutes and seconds, to the nearest hundredth of a second. The vertical datum (heights) are expressed in feet and decimalA thereof and are determined to the nearest 0.1 foot.

PARENT PARCEL LEGAL DESCRIPTION PER TITLE REPORT:

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF SUNNYVALE, COUNTY OF SANTA CLARA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

ALL OF PARCEL A, AS SHOWN UPON THAT CERTAIN PARCEL MAP, FILED AUGUST 22, 2001 IN BOOK 741 OF MAPS, AT PAGES 41 AND 42, IN THE OFFICE OF THE RECORDER, SANTA CLARA COUNTY, CALIFORNIA, RESERVING UNTO GRANTOR, ITS SUCCESSORS AND ASSIGNS, AN EASEMENT FOR PARKING AND PEDESTRIAN ACCESS PURPOSES TO, IN, ON, OVER AND FROM SAID PARCEL A TO AND FROM THE PROPERTY OF GRANTOR DESCRIBED IN EXHIBIT "A-1" HERETO, ALL AS SAID EASEMENT IS MORE PARTICULARLY DESCRIBED IN EXHIBIT "A", ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE.

ALSO EXCEPTING THEREFROM ALL MINERALS AND MINERAL RIGHTS, INTERESTS, AND ROYALTIES, INCLUDING, WITHOUT LIMITING, THE GENERALITY THEREOF, OIL, GAS AND OTHER HYDROCARBON SUBSTANCES, AS WELL AS METALLIC OR OTHER SOLID MINERALS, IN AND UNDER THE PROPERTY; HOWEVER, GRANTOR OR ITS SUCCESSORS AND ASSIGNS, SHALL NOT HAVE THE RIGHT FOR ANY PURPOSE WHATSOEVER TO ENTER UPON, INTO OR THROUGH THE SURFACE OF THE PROPERTY IN CONNECTION THEREWITH.

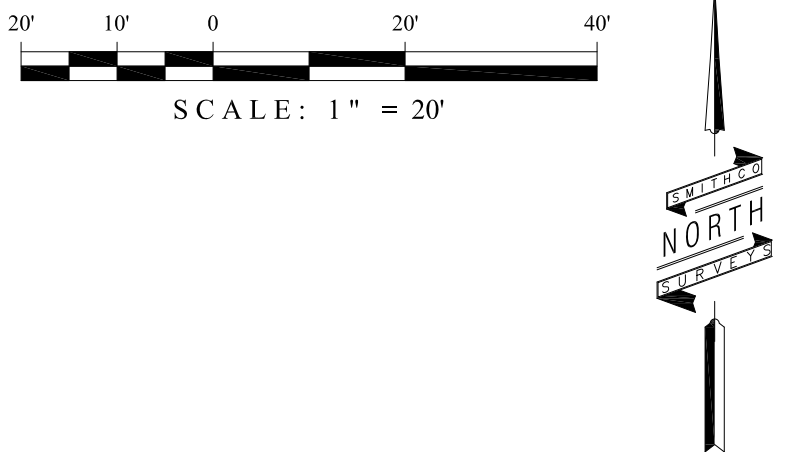
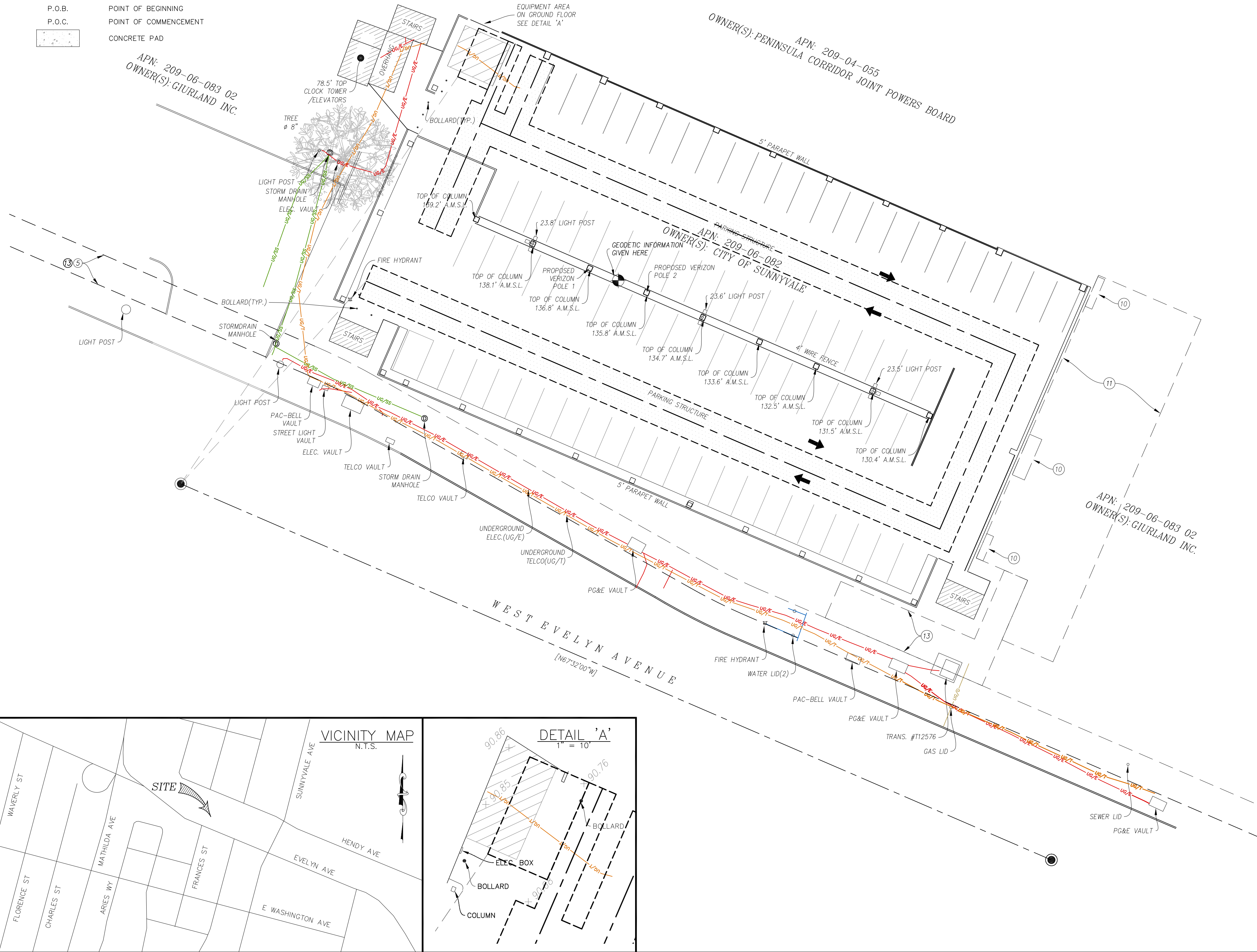
AS RESERVED IN THE DEED FROM SOUTHERN PACIFIC TRANSPORTATION COMPANY, A DELAWARE CORPORATION, RECORDED DECEMBER 21, 1995 IN BOOK P135, PAGE 812, OF OFFICIAL RECORDS.

EASEMENT(S) PER TITLE REPORT:

- EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: CITY OF SUNNYVALE, A MUNICIPAL CORPORATION
PURPOSE: CONSTRUCTION, RECONSTRUCTION, OPERATION, REPAIR, MAINTENANCE, PUBLIC UTILITIES, FACILITIES, STORM SEWERS, WATER MAINS AND PIPES, SANITARY SEWERS AND OTHER PUBLIC UTILITIES
RECORDING DATE: JULY 17, 1981
RECORDING NO.: BOOK G220, PAGE 670, OF OFFICIAL RECORDS
AFFECTS: AS DEFINED THEREIN
>>> PLOTTED AS SHOWN HEREON <<<
- EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: SOUTHERN PACIFIC TRANSPORTATION COMPANY, A DELAWARE CORPORATION
PURPOSE: RAILROAD
RECORDING DATE: DECEMBER 21, 1995
RECORDING NO.: BOOK P135, PAGE 812, OF OFFICIAL RECORDS
AFFECTS: AS DEFINED THEREIN
>>> PLOTTED - DOES NOT AFFECT THE PROJECT AREA <<<
- MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: DEVELOPMENT AGREEMENT
DATED: JUNE 20, 2000
EXECUTED BY: CITY OF SUNNYVALE, A MUNICIPAL CORPORATION
AND MURPHY SQUARE, A CALIFORNIA LIMITED PARTNERSHIP
RECORDING DATE: AUGUST 22, 2001
RECORDING NO.: 15837640, OF OFFICIAL RECORDS
REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS.
>>> BLANKET OVER NEIGHBORING PARCEL <<<
- EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO, AS GRANTED IN A DOCUMENT:
GRANTED TO: CITY OF SUNNYVALE, A MUNICIPAL CORPORATION
PURPOSE: PARKING AND PEDESTRIAN ACCESS
RECORDING DATE: AUGUST 22, 2001
RECORDING NO.: 15837642, OF OFFICIAL RECORDS
AFFECTS: AS DEFINED THEREIN
>>> BLANKET OVER NEIGHBORING PARCEL <<<

LEGEND

- OVERHEAD POWER LINE
- FOUND MONUMENT PER P.M. BK.741 PG.41
- RECORD DATA PER P.M. BK.741 PG.41
- GUY WIRE
- SPOT ELEVATION
- EDGE OF PAVEMENT
- EXITING FENCE LINE
- UNDERGROUND ELECTRIC
- UNDERGROUND UTILITY (UNKNOWN)
- UNDERGROUND TELCO
- UNDERGROUND WATER
- UNDERGROUND GAS
- UNDERGROUND SEWER
- P.O.B.
- P.O.C.
- CONCRETE PAD



2785 MITCHELL DRIVE, BLDG. 9
WALNUT CREEK, CA 94598

PREPARED FOR:



750 W CENTER ST, SUITE 301
WEST BRIDGEWATER, MA 02379
PHONE: 781.713.4725

PREPARED BY:



P.O. BOX 81626 BAKERSFIELD, CA 93380
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PROFESSIONAL SEAL:



REVISION

#	DATE	DESCRIPTION	BY
0	04/16/25	PRELIMINARY ISSUE	LA
1	04/21/25	ADD COLUMN HEIGHTS	EJ
2	04/23/25	ADD EQUIPMENT AREA	EJ
3	04/29/25	ADD POLE LOCATIONS	EJ
4	04/30/25	ADD DESIGN & LEGALS	CJ
5	05/19/25	UPDATE LOCATIONS	EJ
6	09/12/25	TITLE REVIEW	EJ
7			
8			
9			

SMITHCO JOB NO.: 56-1705

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17260281
DOWNTOWN SUNNYVALE

295 W. EVERLYN AVENUE
SUNNYVALE, CA 94086
SANTA CLARA COUNTY

C - 1

EASEMENT(S) PER TITLE REPORT:

10. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: SPREAD FOOTINGS EASEMENT AGREEMENT DATED: SEPTEMBER 6, 2001 EXECUTED BY: MURPHY SQUARE, A CALIFORNIA LIMITED PARTNERSHIP AND CITY OF SUNNYVALE, A MUNICIPAL CORPORATION RECORDING DATE: SEPTEMBER 26, 2001 RECORDING NO.: 15884778, OF OFFICIAL RECORDS
- REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS. >>> PLOTTED AS SHOWN HEREON <<<
11. MATTERS CONTAINED IN THAT CERTAIN DOCUMENT ENTITLED: SHORING SYSTEM EASEMENT AGREEMENT DATED: SEPTEMBER 6, 2001 EXECUTED BY: MURPHY SQUARE, A CALIFORNIA LIMITED PARTNERSHIP AND CITY OF SUNNYVALE, A MUNICIPAL CORPORATION RECORDING DATE: SEPTEMBER 26, 2001 RECORDING NO.: 15884779, OF OFFICIAL RECORDS
- REFERENCE IS HEREBY MADE TO SAID DOCUMENT FOR FULL PARTICULARS. >>> PLOTTED AS SHOWN HEREON <<<
12. A NOTICE THAT SAID LAND IS INCLUDED WITHIN A PROJECT AREA OF THE REDEVELOPMENT AGENCY SHOWN BELOW, AND THAT PROCEEDINGS FOR THE REDEVELOPMENT OF SAID PROJECT HAVE BEEN INSTITUTED UNDER THE REDEVELOPMENT LAW (SUCH REDEVELOPMENT TO PROCEED ONLY AFTER THE ADOPTION OF THE REDEVELOPMENT PLAN) AS DISCLOSED BY A DOCUMENT RECORDING DATE: DECEMBER 29, 2005 RECORDING NO.: 18748678, OF OFFICIAL RECORDS REDEVELOPMENT AGENCY: CENTRAL CORE REDEVELOPMENT PROJECT AREA >>> EASEMENT IS BLANKET IN NATURE <<<
13. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERE TO AS DELINEATED OR AS OFFERED FOR DEDICATION, ON THE MAP OF SAID TRACT/PLAT; PURPOSE: PUE AFFECTS: AS SHOWN ON MAP >>> PLOTTED AS SHOWN HEREON <<<

ACCESS AND UTILITY EASEMENT LEGAL DESCRIPTION:

A 12.00 FOOT WIDE STRIP OF LAND OVER AND ACROSS A PORTION OF PARCEL 'A' AS SHOWN ON THE PARCEL MAP RECORDED ON AUGUST 22, 2001, AND FILED IN BOOK 741 OF MAPS, AT PAGES 41-42, IN THE SANTA CLARA COUNTY RECORDER'S OFFICE, IN THE COUNTY OF SAID OFFICE, IN THE STATE OF CALIFORNIA, LYING 6.00 FEET ON EACH SIDE OF THE CENTERLINE MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE BRASS DISK FOUND AT THE INTERSECTION OF EVELYN AVENUE AND MURPHY AVENUE AS SHOWN ON SAID PARCEL MAP, THENCE NORTHWESTERLY ON THE CENTERLINE OF EVELYN AVENUE NORTH 66°37'32" WEST, A DISTANCE OF 322.82 FEET TO THE BRASS DISK LOCATED AT THE INTERSECTION OF EVELYN AVENUE AND FRANCES STREET AS SHOWN ON SAID PARCEL MAP; THENCE NORTH 42°26'33" EAST, A DISTANCE OF 93.49 FEET TO THE POINT OF BEGINNING:

- COURSE 1) THENCE SOUTH 66°37'07" EAST, A DISTANCE OF 212.73 FEET;
COURSE 2) THENCE NORTH 23°22'53" EAST, A DISTANCE OF 64.90 FEET;
COURSE 3) THENCE NORTH 66°37'07" WEST, A DISTANCE OF 187.50 FEET TO POINT 'A';
COURSE 4) THENCE CONTINUING NORTH 66°37'07" WEST, A DISTANCE OF 10.74 FEET TO POINT 'B';
COURSE 5) THENCE SOUTH 23°22'53" WEST, A DISTANCE OF 39.50 FEET TO THE TERMINUS OF THIS DESCRIPTION.

TOGETHER WITH A 9.00 FOOT WIDE STRIP OF LAND OVER AND ACROSS A PORTION OF PARCEL 'A' AS SHOWN ON THE PARCEL MAP RECORDED ON AUGUST 22, 2001, AND FILED IN BOOK 741 OF MAPS, AT PAGES 41-42, IN THE SANTA CLARA COUNTY RECORDER'S OFFICE, IN THE COUNTY OF SAID OFFICE, IN THE STATE OF CALIFORNIA, LYING 4.50 FEET ON EACH SIDE OF THE CENTERLINE MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT POINT 'A':

- COURSE 1) THENCE NORTH 23°22'53" EAST, A DISTANCE OF 27.90 FEET TO THE TERMINUS OF THIS DESCRIPTION.

TOGETHER WITH A 5.00 FOOT WIDE STRIP OF LAND OVER AND ACROSS A PORTION OF PARCEL 'A' AS SHOWN ON THE PARCEL MAP RECORDED ON AUGUST 22, 2001, AND FILED IN BOOK 741 OF MAPS, AT PAGES 41-42, IN THE SANTA CLARA COUNTY RECORDER'S OFFICE, IN THE COUNTY OF SAID OFFICE, IN THE STATE OF CALIFORNIA, LYING 2.50 FEET ON EACH SIDE OF THE CENTERLINE MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT POINT 'B':

- COURSE 1) THENCE NORTH 23°22'53" EAST, A DISTANCE OF 29.36 FEET TO THE TERMINUS OF THIS DESCRIPTION.

CONTAINING 6,498 SQUARE FEET (0.149 ACRES), MORE OR LESS.

11.00' X 18.00' EQUIPMENT LEASE AREA LEGAL DESCRIPTION:

A 12.00 FOOT WIDE STRIP OF LAND OVER AND ACROSS A PORTION OF PARCEL 'A' AS SHOWN ON THE PARCEL MAP RECORDED ON AUGUST 22, 2001, AND FILED IN BOOK 741 OF MAPS, AT PAGES 41-42, IN THE SANTA CLARA COUNTY RECORDER'S OFFICE, IN THE COUNTY OF SAID OFFICE, IN THE STATE OF CALIFORNIA, LYING 6.00 FEET ON EACH SIDE OF THE CENTERLINE MORE PARTICULARLY DESCRIBED AS FOLLOWS:

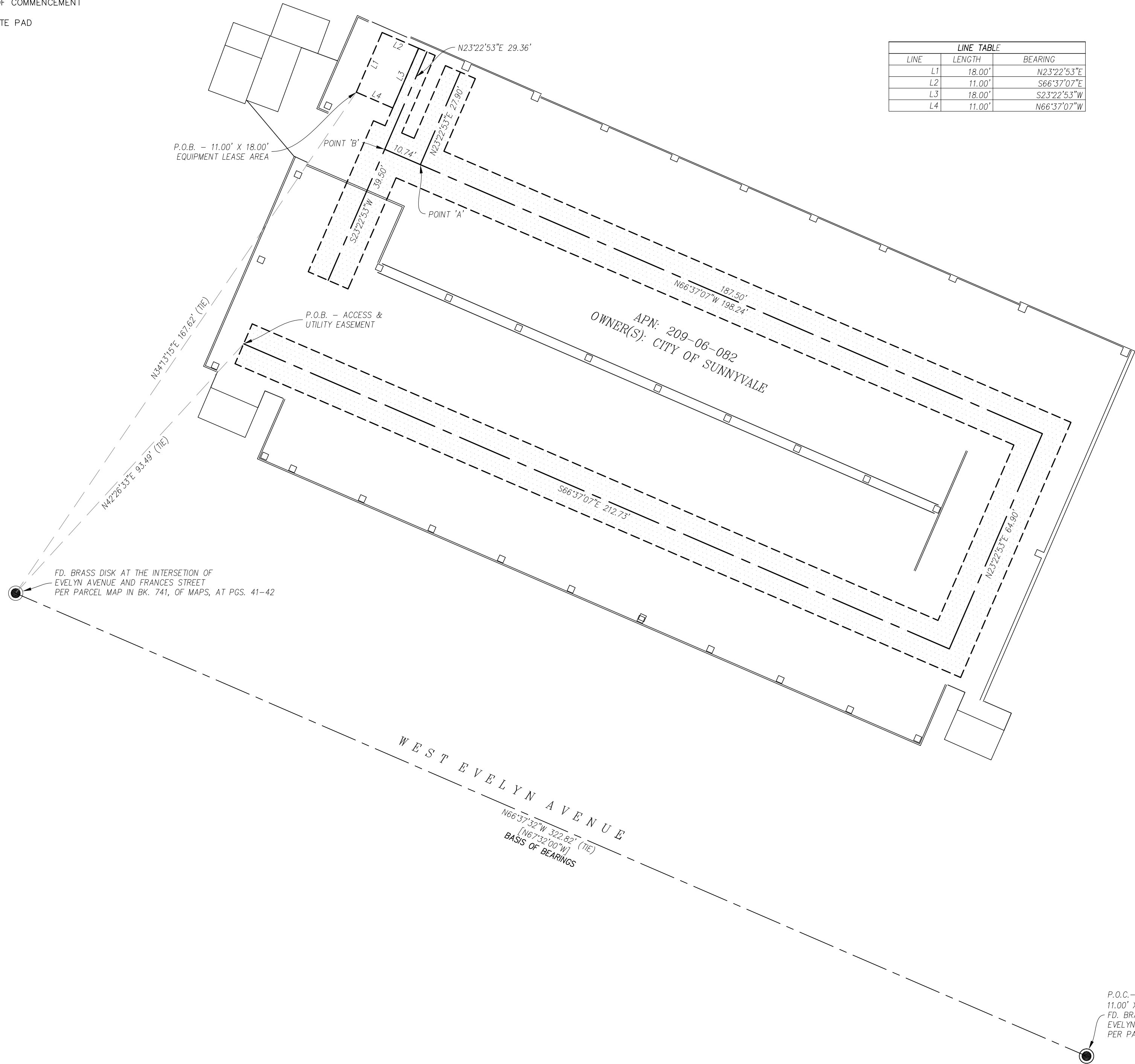
COMMENCING AT THE BRASS DISK FOUND AT THE INTERSECTION OF EVELYN AVENUE AND MURPHY AVENUE AS SHOWN ON SAID PARCEL MAP, THENCE NORTHWESTERLY ON THE CENTERLINE OF EVELYN AVENUE NORTH 66°37'32" WEST, A DISTANCE OF 322.82 FEET TO THE BRASS DISK LOCATED AT THE INTERSECTION OF EVELYN AVENUE AND FRANCES STREET AS SHOWN ON SAID PARCEL MAP; THENCE NORTH 34°13'15" EAST, A DISTANCE OF 167.62 FEET TO THE POINT OF BEGINNING:

- COURSE 1) THENCE NORTH 23°22'53" EAST, A DISTANCE OF 18.00 FEET;
COURSE 2) THENCE SOUTH 66°37'07" EAST, A DISTANCE OF 11.00 FEET;
COURSE 3) THENCE SOUTH 23°22'53" WEST, A DISTANCE OF 18.00 FEET;
COURSE 4) THENCE NORTH 66°37'07" WEST, A DISTANCE OF 11.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 198 SQUARE FEET (0.005 ACRES), MORE OR LESS.

LEGEND

- OVERHEAD POWER LINE
FOUND MONUMENT PER P.M. BK.741 PG.41
RECORD DATA PER P.M. BK.741 PG.41
GUY WIRE
SPOT ELEVATION
EDGE OF PAVEMENT
EXITING FENCE LINE
UNDERGROUND ELECTRIC
UNDERGROUND UTILITY (UNKNOWN)
UNDERGROUND TELCO
UNDERGROUND WATER
UNDERGROUND GAS
UNDERGROUND SEWER
P.O.B.
P.O.C.
CONCRETE PAD



2785 MITCHELL DRIVE, BLDG. 9
WALNUT CREEK, CA 94598

PREPARED FOR:



750 W CENTER ST, SUITE 301
WEST BRIDGEWATER, MA 02379
PHONE: 781.713.4725

PREPARED BY:



P.O. BOX 81626 BAKERSFIELD, CA 93380
PHONE: (661) 393-1217 FAX: (661) 393-1218

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PROFESSIONAL SEAL:



REVISION

#	DATE	DESCRIPTION	BY
0	04/16/25	PRELIMINARY ISSUE	LA
1	04/21/25	ADD COLUMN HEIGHTS	EJ
2	04/23/25	ADD EQUIPMENT AREA	EJ
3	04/29/25	ADD POLE LOCATIONS	EJ
4	04/30/25	ADD DESIGN & LEGALS	CJ
5	05/19/25	UPDATE LOCATIONS	EJ
6	09/12/25	TITLE REVIEW	EJ
7			
8			
9			

SMITHCO JOB NO.: 56-1705

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17260281
DOWNTOWN SUNNYVALE

295 W. EVERLYN AVENUE
SUNNYVALE, CA 94086
SANTA CLARA COUNTY

C - 2

CITY OF SUNNYVALE ADVISORY NOTES:

1. VERIZON IS REQUIRED TO ENTER A LEASE AGREEMENT WITH THE CITY TO INSTALL THIS INFRASTRUCTURE. THE AGREEMENT PROCESS WILL BEGIN ONCE THE PLANNING PROCESS IS COMPLETE.
2. THE VERIZON TECHNICIAN AND ANY OTHER CONTRACTOR RELATED TO THE FACILITY SHALL NOT PARK ADJACENT TO THE EQUIPMENT CABINET IN FRONT OF THE EXISTING BOLLARD. THIS AREA SHALL BE LEFT FREE OF VEHICLES FOR PEDESTRIAN INGRESS AND EGRESS.
3. DURING INSTALLATION AND CONSTRUCTION, THE VERIZON TECHNICIAN AND ANY OTHER CONTRACTOR RELATED TO THE FACILITY SHALL NOT BLOCK THE PATH OF TRAVEL FOR PEDESTRIANS AND VEHICLES WITHIN THE PARKING GARAGE.
4. PROJECT (TELECOM POLE HEIGHT UP TO 15 FEET) WILL REQUIRE REVIEW AND APPROVAL BY THE ZONING ADMINISTRATOR AT A PUBLIC HEARING. WHEN THE PROJECT IS READY TO BE SCHEDULED FOR THE PUBLIC HEARING, STAFF WILL WORK WITH YOU ON THE SCHEDULE. ZA PUBLIC HEARINGS ARE HELD TWICE A MONTH ON WEDNESDAY AT 3:00PM VIRTUALLY OVER ZOOM. APPLICANT PARTICIPATION IN THE PUBLIC HEARING IS REQUIRED. TYPICALLY, STAFF REQUIRES ABOUT 3-4 WEEKS TIME FOR STAFF REPORT AND NOTICING PREPARATIONS COUNTING BACKWARDS FROM A PUBLIC HEARING DATE. TELECOM POLE HEIGHT OVER 15 FEET WILL REQUIRE A MAJOR USE PERMIT WITH PLANNING COMMISSION PUBLIC HEARING APPROVAL. ADDITIONAL FEE PAYMENT IS REQUIRED IF PROJECT IS REQUESTING A MAJOR USE PERMIT APPROVAL.
5. PROVIDE NEW TENANT FORM "PS200" ON FIRE FINAL INSPECTION DAY

APN: 209-06-068
OWNER(S):
PENINSULA CORRIDOR
JOINT POWERS BOARD

APN: 209-06-082
OWNER(S):
CITY OF SUNNYVALE

APN: 209-04-055
OWNER(S):
PENINSULA CORRIDOR JOINT POWERS BOARD

APN: 209-06-083
OWNER(S):
CIURLAND INC

PREPARED FOR:

verizon
2770 SHADELANDS DR, BLDG 11
WALNUT CREEK, CA 94598

VENDOR:

PM&A
P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY, SUITE 210
ROSWELL, GA 30076
OFFICE (678) 280-2325

ISSUE STATUS:

REV.	DATE	DESCRIPTION	BY
0	06/26/25	100% ZONING	FA
1	08/11/25	100% ZONING	FA
2	09/02/25	100% ZONING	FA
3	10/01/25	100% ZONING	FA

LICENSOR:

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PROJECT NAME:

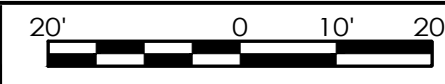
**DOWNTOWN
SUNNYVALE**
MDG L ID#: 5000954339
295 W EVELYN AVE
SUNNYVALE, CA 94086

SHEET TITLE:

SITE PLAN

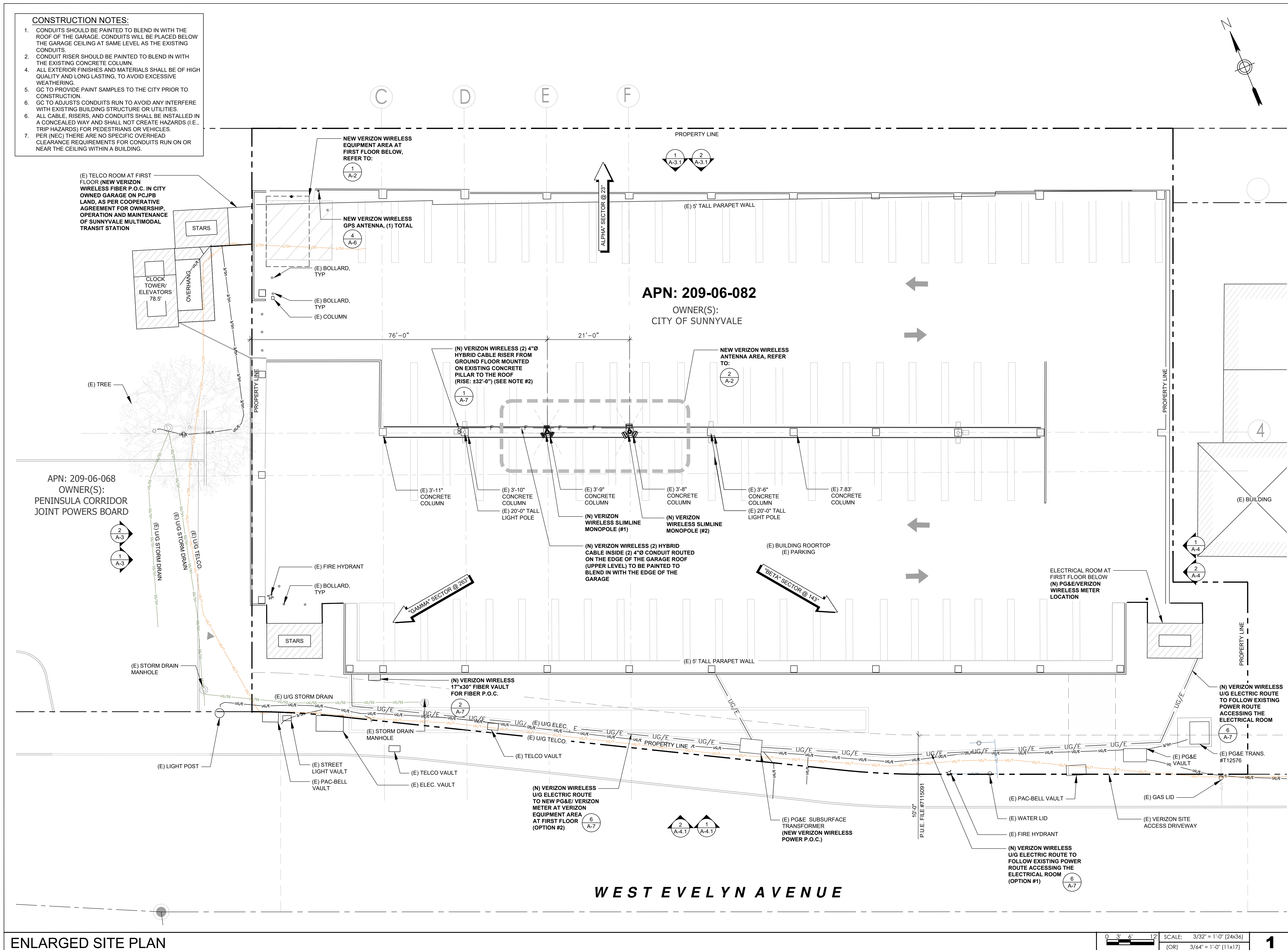
A-1

SITE PLAN



SCALE: 1" = 20'-0" (24x36)
(OR) 1/2" = 20'-0" (11x17)

1



PREPARED FOR:



WALNUT CREEK, CA 94598

VENDOR:

P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY, SUITE 210
ROSWELL, GA 30076
OFFICE (678) 280-2325

ISSUE STATUS:

[illegible]

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PROJECT NAME:

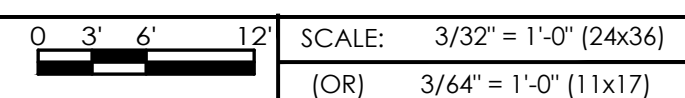
**DOWNTOWN
SUNNYVALE**
MDG L ID#: 50009543
295 W EVELYN AVE
SUNNYVALE, CA 94086

SHEET TITLE:

ENLARGED SITE PLAN

A-1.1

ENLARGED SITE PLAN

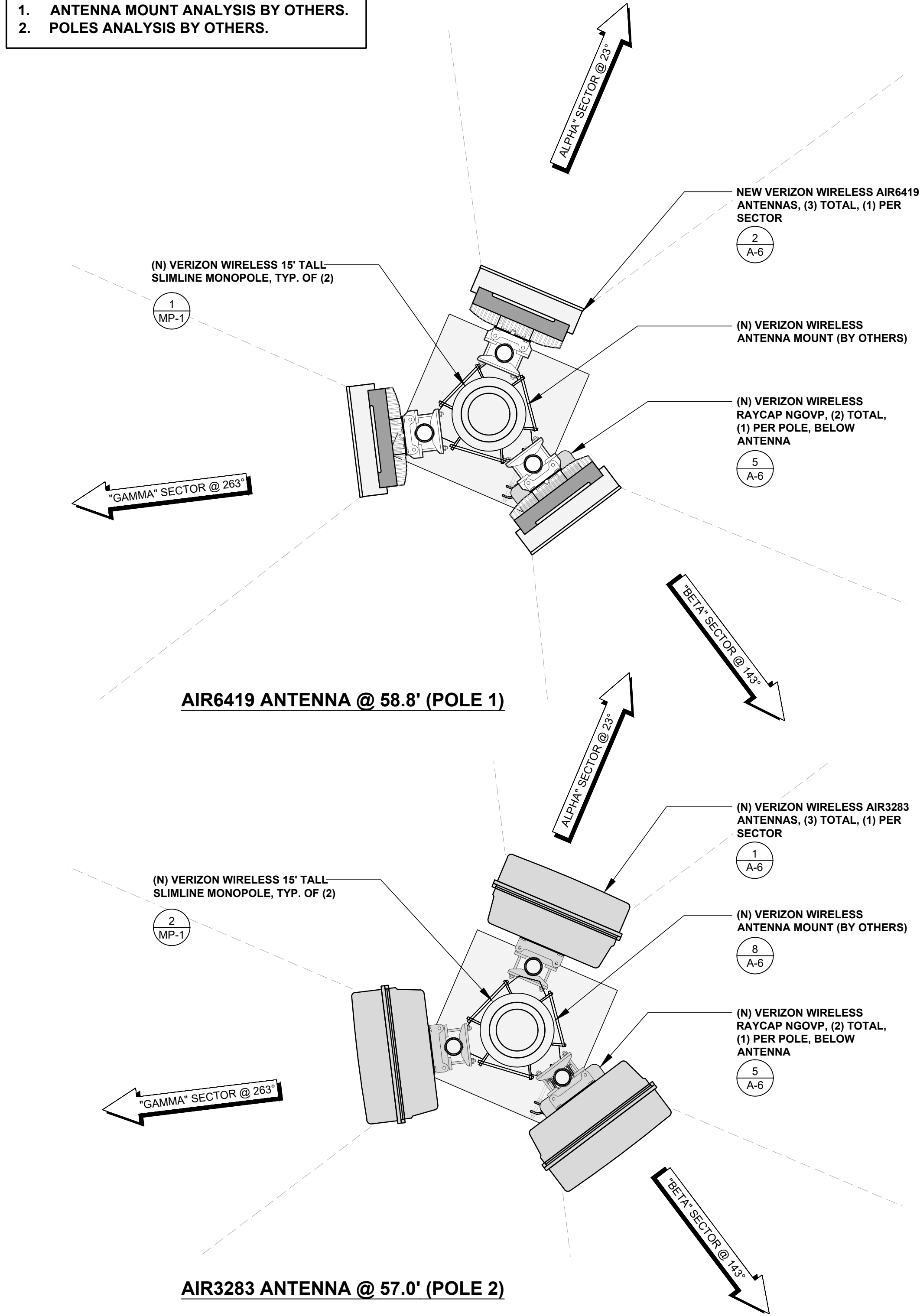


1

SECTOR	ANTENNA & RRU TYPE			
	PROPOSED INSTALLED	PROPOSED INSTALLED	AZIMUTH	RAD CENTER
ALPHA	A1	ERICSSON - AIR 6419	23°	58.8'
	A2	ERICSSON - AIR 3283	23°	57.0'
	A3			
	A4			
BETA	ANTENNA & RRU TYPE			
	PROPOSED INSTALLED	PROPOSED INSTALLED	AZIMUTH	RAD CENTER
	B1	ERICSSON - AIR 6419	143°	58.8'
	B2	ERICSSON - AIR 3283	143°	57.0'
GAMMA	ANTENNA & RRU TYPE			
	PROPOSED INSTALLED	PROPOSED INSTALLED	AZIMUTH	RAD CENTER
	C1	ERICSSON - AIR 6419	263°	58.8'
	C2	ERICSSON - AIR 3283	263°	57.0'
C3				
C4				

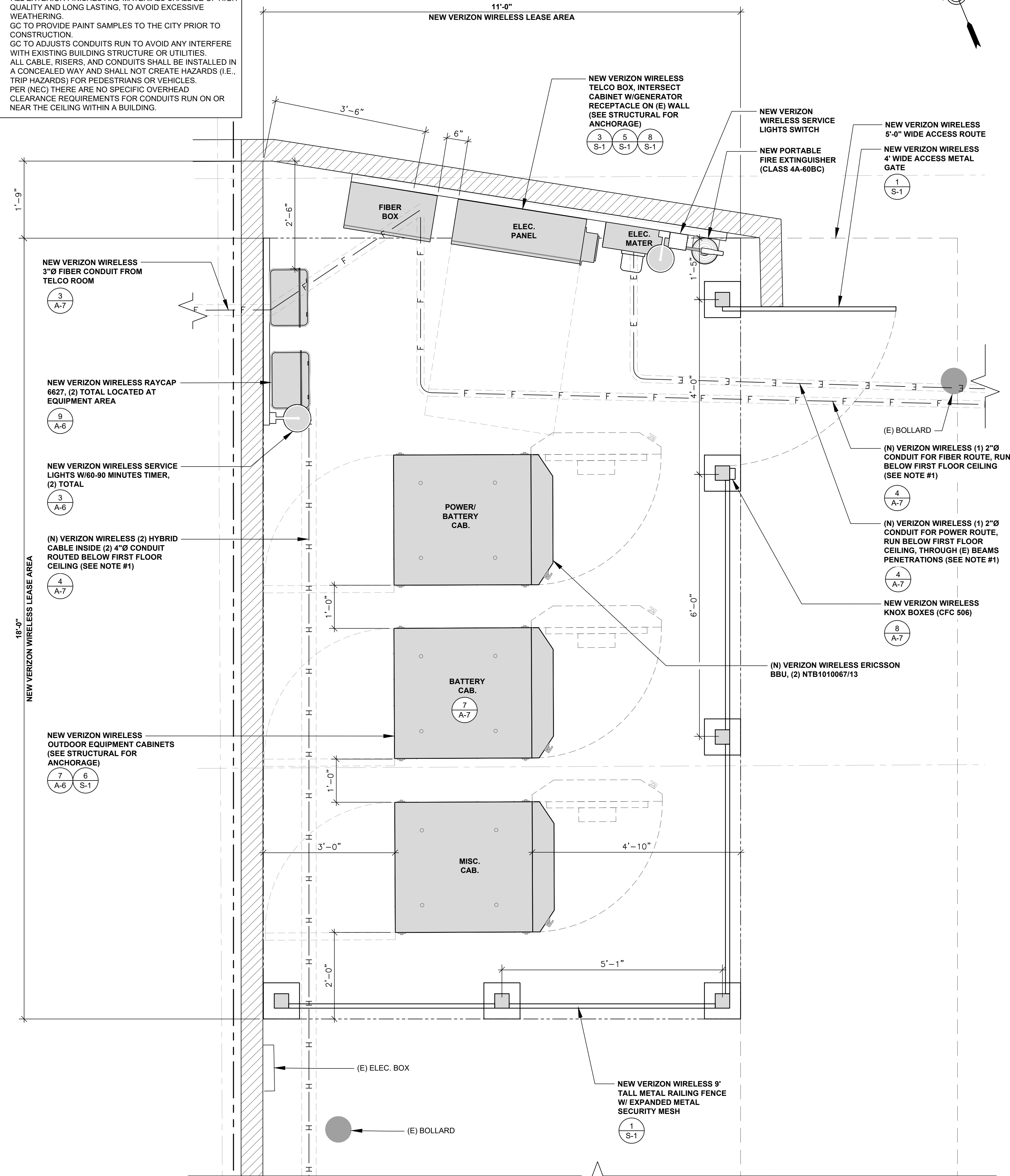
HYBRID FEEDER	QTY.	LENGTH	RAYCAP ON TOWER	QTY.	MODEL
PROPOSED	2	6x12 HYBRIDS TO BE INSTALLED	(N) RAYCAP NGOVP	2	RTH-0612-PFC

NOTE:
1. ANTENNA MOUNT ANALYSIS BY OTHERS.
2. POLES ANALYSIS BY OTHERS.



NOTES TO CONTRACTOR:
1. CONTRACTOR IS TO REFER TO VERIZON'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION.
2. CABLE LENGTHS WERE DETERMINED BASED ON VISUAL INSPECTION DURING SITE-WALK. CONTRACTOR TO VERIFY ACTUAL LENGTH DURING PRE-CONSTRUCTION WALK.
3. CONTRACTOR TO VERIFY PORTS HAVE SUFFICIENT ROOM.

CONSTRUCTION NOTES:
1. CONDUITS SHOULD BE PAINTED TO BLEND IN WITH THE ROOF OF THE GARAGE. CONDUITS WILL BE PLACED BELOW THE GARAGE CEILING AT SAME LEVEL AS THE EXISTING CONDUITS.
2. CONDUIT RISER SHOULD BE PAINTED TO BLEND IN WITH THE EXISTING CONCRETE COLUMN.
4. ALL EXTERIOR FINISHES AND MATERIALS SHALL BE OF HIGH QUALITY AND LONG LASTING, TO AVOID EXCESSIVE WEATHERING.
5. GC TO PROVIDE PAINT SAMPLES TO THE CITY PRIOR TO CONSTRUCTION.
6. GC TO ADJUST'S CONDUITS RUN TO AVOID ANY INTERFERE WITH EXISTING BUILDING STRUCTURE OR UTILITIES.
7. ALL CABLE, RISERS, AND CONDUITS SHALL BE INSTALLED IN A CONCEALED WAY AND SHALL NOT CREATE HAZARDS (I.E., TRIP HAZARDS) FOR PEDESTRIANS OR VEHICLES.
8. PER (NEC) THERE ARE NO SPECIFIC OVERHEAD CLEARANCE REQUIREMENTS FOR CONDUITS RUN ON OR NEAR THE CEILING WITHIN A BUILDING.

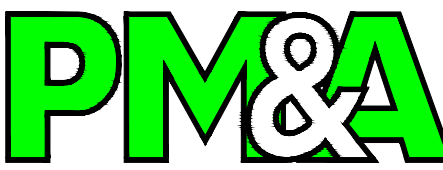


PREPARED FOR:



2770 SHADELANDS DR, BLDG 11
WALNUT CREEK, CA 94598

VENDOR:



P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY
1000 HOLCOMB WOODS PKWY, SUITE 210
ROSOWELL, GA 30076
OFFICE (678) 280-2325

ISSUE STATUS:

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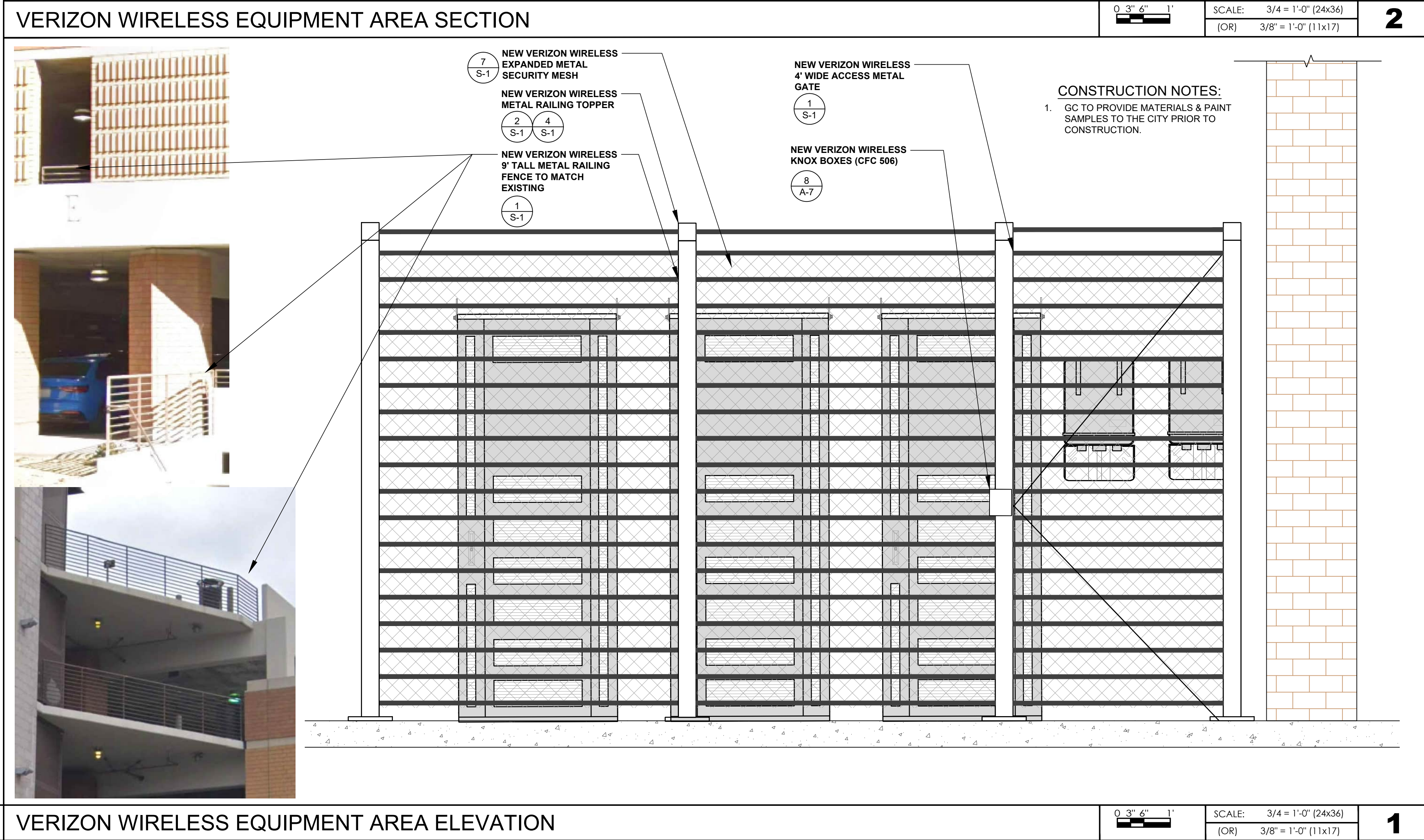
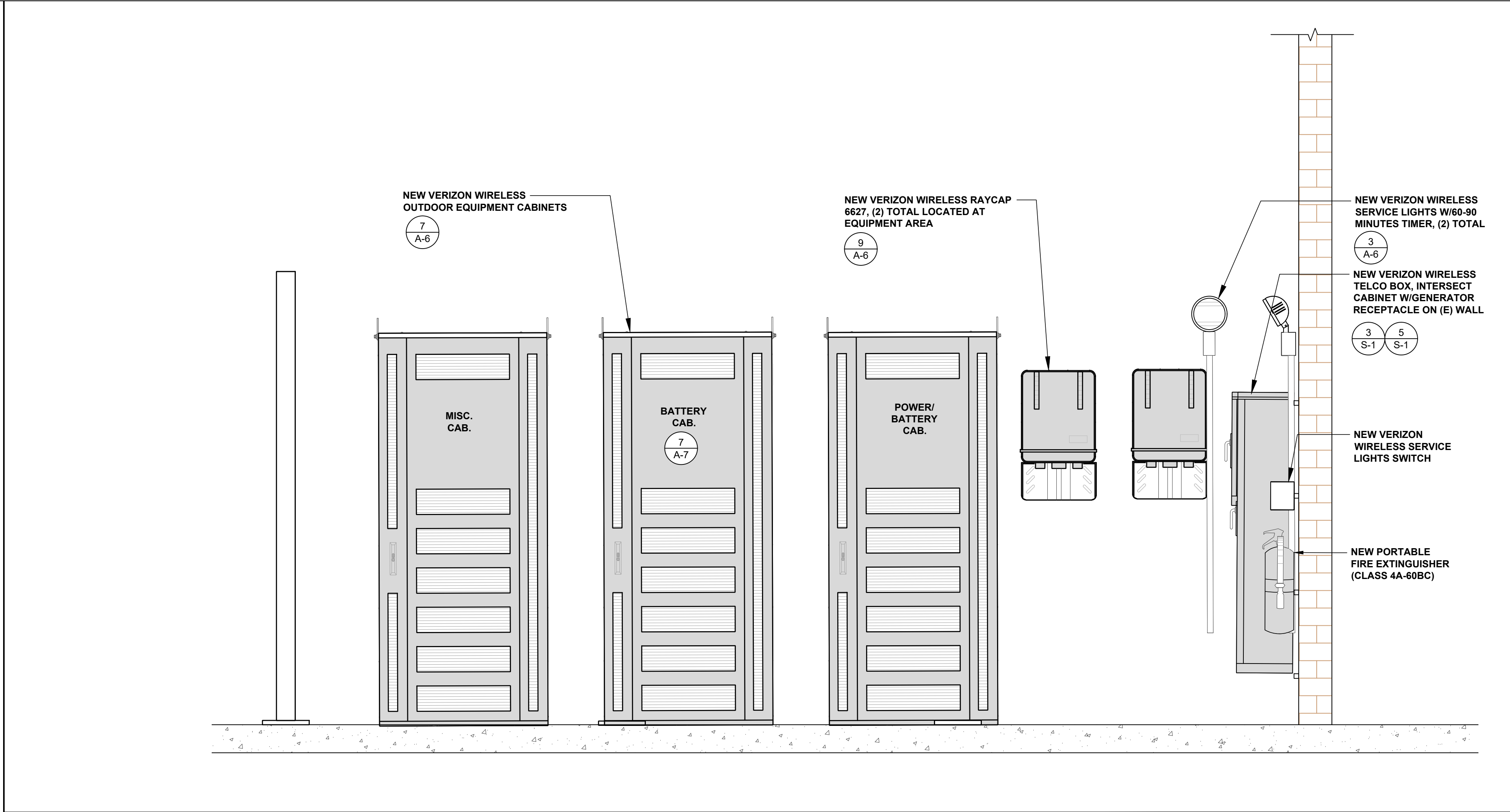
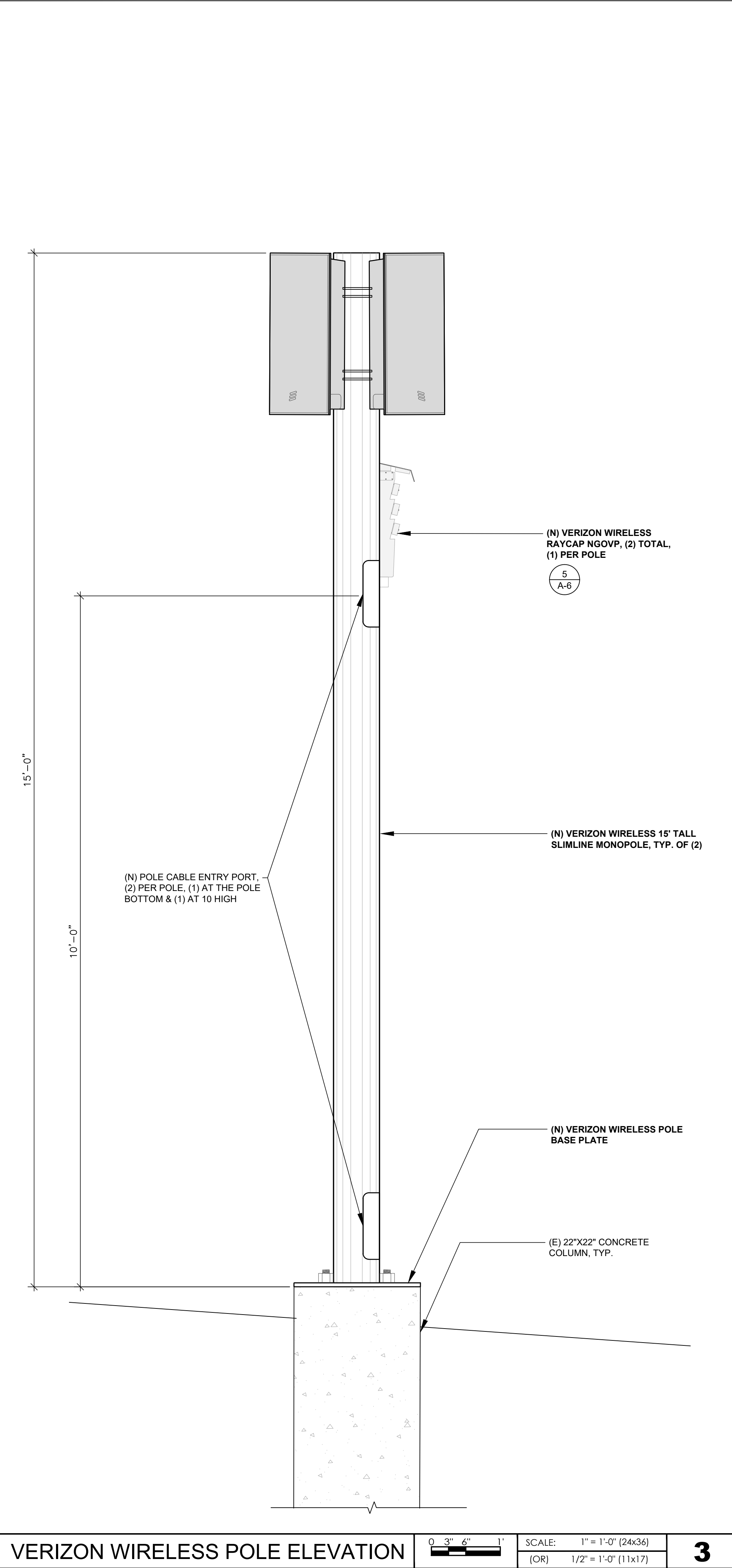
PROJECT NAME:

**DOWNTOWN
SUNNYVALE**
MDG L ID#: 5000954339
295 W EVELYN AVE
SUNNYVALE, CA 94086

SHEET TITLE:

**VERIZON WIRELESS
EQUIPMENT LAYOUT**

A-2



PREPARED FOR:

verizon

2770 SHADELANDS DR, BLDG 11
WALNUT CREEK, CA 94598

VENDOR:

PM&A

P. MARSHALL & ASSOCIATES
A CENTERLINE COMMUNICATIONS COMPANY

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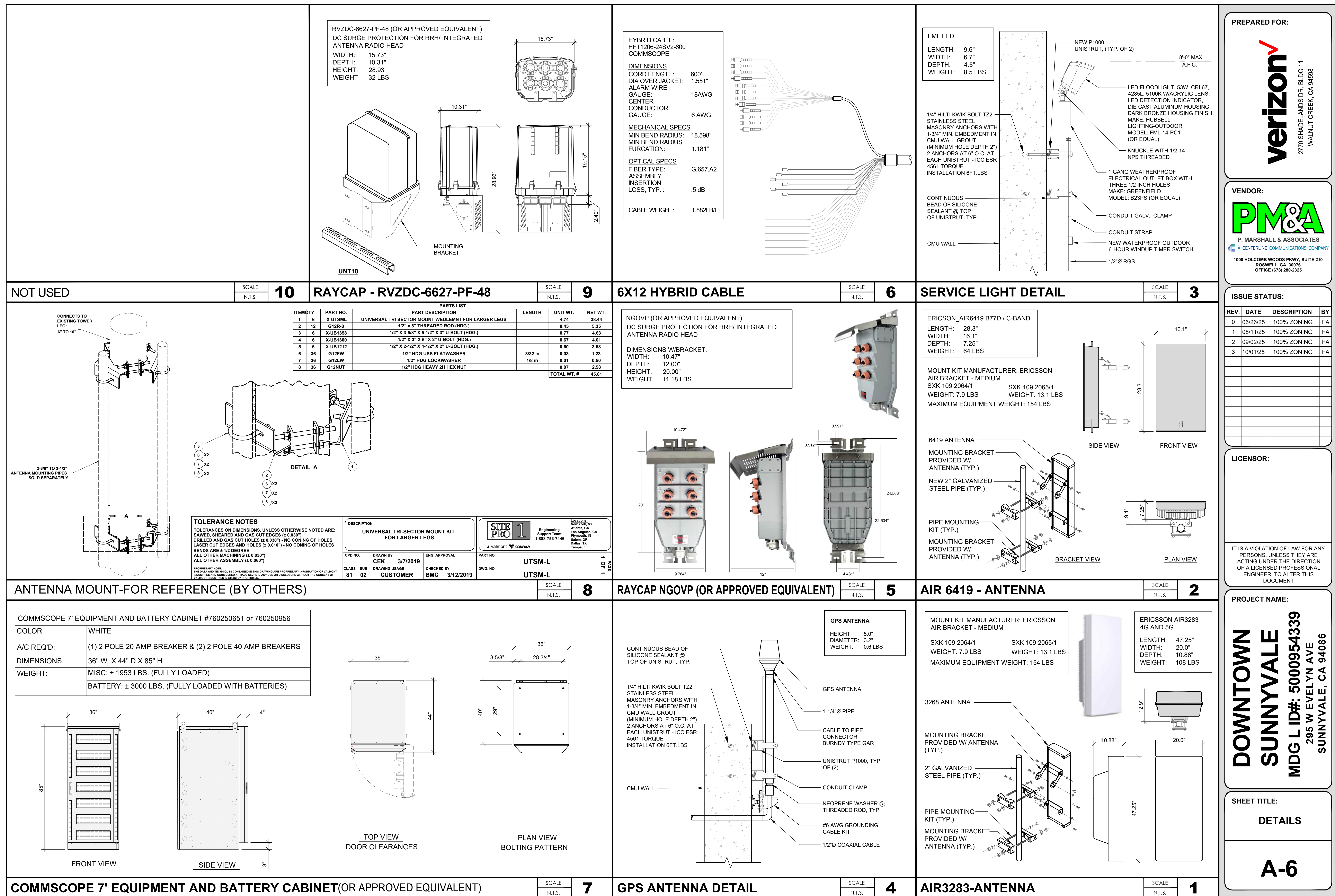
PROJECT NAME:

**DOWNTOWN
SUNNYVALE**
MDG L ID#: 5000954339
295 W EVELYN AVE
SUNNYVALE, CA 94086

SHEET TITLE:

**EQUIPMENT AREA
ELEVATION, SECTION,
& POLE ELEVATION**

A-5



NOT USED

SCALE
N.T.S.

9

INSTALL (5) STRINGS OF SAFT TEL.X 180 STRING: 80-94890-02

REFER TO SHEET A-7 FOR SAFT TEL.X 180 STRING INSTRUCTION SHEET

MANUFACTURE

PART#

TYPE

MODEL

ELECTROLYTE POTASSIUM HYDROXIDE (GALLONS) TOTAL PER STRING

ELECTROLYTE POTASSIUM HYDROXIDE (GALLONS) TOTAL PER PART NUMBER

TOTAL CADMIUM (POUNDS) PER STRING

TOTAL NICKEL (POUNDS) PER STRING

TOTAL COBALT (POUNDS) PER PART NUMBER

VOLTAGE TOTAL PER PART NUMBER

VOLTAGE PER CELL

TOTAL AMP-HOUR RATING (AH) PER PART NUMBER

SAFT

80-94890-02

NICKEL CADMIUM

TEL.X-PLUS 180

8.90

83.96

62.2

64.8

6.0

48

1.20

172

SAFT

T-210 80-94890-02 Environmental Overview, Oct. 2021

Section 1- Tel.X-Plus 180 Specifications

String Part Number: 80-94890-02

Dimensions per String:

Length	25.9 in	659 mm
Width	20.7 in	525 mm
Height	10.0 in	254 mm
Weight	365 lb	165.5 kg

659 mm

254 mm

525 mm

String Nominal Capacity / Energy: 172 Ah / 8.2 kWh

Performance after 24-hour constant voltage float charge to 1.43VDC per cell at +25°C (+77°F) with a minimum charge current of 0.1 C₅ Amp* down to various end of discharge voltages

End of Discharge Voltage (VDC/Cell)	0.25	0.5	1	2	3	4	5	8	10	12	18	24
1.00	360.0	290.0	178.0	90.0	60.0	45.1	36.2	22.8	18.5	15.6	10.7	8.3
1.05	330.0	252.0	170.0	87.0	58.5	44.0	35.3	22.3	18.0	15.1	10.3	7.95
1.10	287.5	225.0	155.0**	84.0	57.5	43.1	34.5	21.6	17.4	14.7	10.1	7.75
1.14	225.0	180.0	130.0	80.0	55.0	41.4	33.2	20.9	16.9	14.2	9.7	7.5

End of Discharge Voltage (VDC/Cell)	0.25	0.5	1	2	3	4	5	8	10	12	18	24
1.00	349.2	308.8	198.0	104.0	70.4	53.0	42.5	26.8	21.8	18.4	12.7	9.9
1.05	336.1	271.3	190.0	101.0	68.8	51.8	41.6	26.3	21.3	17.9	12.3	9.5
1.10	306.7	246.4	174.0**	98.0	67.8	50.9	40.8	25.6	20.7	17.4	12.0	9.3
1.14	248.8	204.1	147.0	94.0	65.2	49.0	39.4	24.8	20.1	16.9	11.7	9.0

* 0.1 C₅Amp for TLX-180 equates to 17.2Amps

** Derating factor for 1-hour discharge rate at +5°C (+41°F) to 1.10VDC/cell is 7.8%

Power cable selection: The selection of power cables used within the installation of Saft Batteries is a function of:
1- Installation location: dry, damp, or wet (as defined by the NEC code)
2- Maximum ambient operating temperature
3- Maximum sustained current (ampereage) applied during charge or discharge
Follow standards mandated by the application such as 6R347

SAFT

T-210 80-94890-02 Environmental Overview, Oct. 2021

Section 2- Metal and Electrolyte Calculations

Cadmium metal (Weight per String)	65.2 lb	29.57 kg
Nickel metal (Weight per String)	64.8 lb	29.39 kg
Cobalt metal (Weight per String)	6.0 lb	2.72 kg
Cadmium metal %	17.62%	
Nickel metal %	17.51%	
Cobalt metal %	1.62%	
Electrolyte %	23.9%	
Other Materials % (Metal Connectors, Plastic, etc.)	< 40%	

Electrolyte Solution (bound and free) pounds per String

87.2 lb

Electrolyte Solution (bound and free) gallons per String

8.90 gallons

Electrolyte inside the cells is a water-based solution of 30% potassium hydroxide. Highly conductive, it remains liquid down to -40°C (-40°F).

The negative plate uses cadmium active mass to provide useful capacity.

The positive plate uses nickel active mass to provide useful capacity.

T-210

REV. A

Page 4 of 6

SCALE
N.T.S.

8

KNOX BOX DETAIL

3 1/4"

1/4" STEEL CASE, 100% WELDED STEEL POST OR CHANNEL PER PLAN

1/8" STAINLESS STEEL LOCK COVER

1/3" Ø (A307) BOLT (TYP.)

OPTIONAL TAMPER SWITCH

DOOR

1/2" SOLID PLATE STEEL DOOR WITH GASKET

TO BUILDING ALARM SYSTEM

ALL MOUNTING HOLES ARE 7/16"Ø

3 1/4"

4"

5"

7/8"

4"

2 5/16"

7/8"

5"

3 1/4"

7/16"

4"

3'-0" MIN.

SURFACE MOUNT

SCALE
N.T.S.

6

POWER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

BACKFILL EARTH TO 90% RELATIVE COMPACTION PER ASTM D1557

UTILITY WARNING TAPE

BACKFILL (SAND OR NATIVE SOIL W/ SAND EQUIVALENT GREATER THAN 30) COMPACT TO 90% RELATIVE COMPACTION PER ASTM D1557

3" PVC SCH 40 ELECTRICAL CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER POWER PROVIDER DESIGN)

4 1/2"

4 1/2"

3"

1'-0"

3'-0" MIN.

4"

4"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

5

FIBER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

BACKFILL EARTH TO 90% RELATIVE COMPACTION PER ASTM D1557

UTILITY WARNING TAPE

BACKFILL (SAND OR NATIVE SOIL W/ SAND EQUIVALENT GREATER THAN 30) COMPACT TO 90% RELATIVE COMPACTION PER ASTM D1557

4" PVC SCH 40 FIBER CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER CABLE SIZE)

4"

4"

4"

4"

2'-0" MIN.

1'-0"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

4

PIPE HANGER DETAIL

OUTLINE OF EXISTING CONCRETE CEILING

1/2"Ø 4" DEEP DRILLED HOLE W/ SIMPSON SET-XP EPOXY. ICC ESR-2508. (SPECIAL INSPECTION REQUIRED)

NEW 1/2"Ø GALVANIZED THREADED ROD AT 5'-0" O.C. MAX. ATTACHED TO CONCRETE CEILING

PROVIDE APPROPRIATE NEW PIPE HANGER FOR CONDUITS. B-LINE 2000 SERIES

RGS CONDUIT PER PLAN

SCALE
N.T.S.

7

BATTERIES SPECIFICATIONS, TOTAL ELECTROLYTE, AND DC POWER TOTAL CAPACITY (IN KWH)

SCALE
N.T.S.

7

SCALE
N.T.S.

3

WALL PENETRATION

EXISTING AMU WALL

EXISTING 3 1/4" MIN. CONC. WALL OR CMU. OPENING TO PROVIDE 3/4" MAX. ANNULAR SPACE AROUND PIPE

RGS CONDUIT PER PLAN

3/4"

3/4"

TREMCO THROUGH-PENETRATION FIRE-STOP SYSTEMS, ICBO #3198

MINERAL WOOL (4 PCF) PACKED INTO ANNULAR SPACE AND RECESSED 1/2" FROM WALL SURFACES

NOTES:
1. NOTIFY OWNER 48 HOURS IN ADVANCE PRIOR TO ANY CORE DRILLING
2. THE CONTRACTOR SHALL IDENTIFY THE LOCATION OF THE EXISTING REINFORCING USING NON-DESTRUCTIVE MEANS AND NO REBAR SHALL BE CUT.
3. THE LOCATION OF ALL REINFORCING BARS AT THE VICINITY OF THE POTENTIAL CORE LOCATIONS SHALL BE DETERMINED BY X-RAY.
4. NO REINFORCING BARS SHALL BE DAMAGED DURING CORING THE REINFORCED CONCRETE WALL
5. WHEN CORING INTO EXISTING FLOOR, CONTRACTOR TO REPAIR ALL OPENINGS AND MAINTAIN ALL EXISTING FIRE RATINGS. THE REPAIR SHALL HAVE A FINISH PAINT & TEXTURE TO MATCH EXISTING CONDITIONS.

SCALE
N.T.S.

2

PULL BOX DETAIL

PULL BOX

	TELCO	POWER
A	30"	36"
B	17"	24"

OPTIONAL 1/4" STEEL PLATE BOLT-DOWN COVER (±42 LBS.)

SOLID CONCRETE COVER (±47 LBS.)

SOLID CONCRETE UTILITY PULL BOX (±97 LBS.)

TOP VIEW

SIDE VIEW

FRONT VIEW

SCALE
N.T.S.

6

PIPE TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

BACKFILL EARTH TO 90% RELATIVE COMPACTION PER ASTM D1557

UTILITY WARNING TAPE

BACKFILL (SAND OR NATIVE SOIL W/ SAND EQUIVALENT GREATER THAN 30) COMPACT TO 90% RELATIVE COMPACTION PER ASTM D1557

4" PVC SCH 40 FIBER CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER CABLE SIZE)

4"

4"

4"

4"

2'-0" MIN.

1'-0"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

2

PULL BOX DETAIL

PULL BOX

	TELCO	POWER
A	30"	36"
B	17"	24"

OPTIONAL 1/4" STEEL PLATE BOLT-DOWN COVER (±42 LBS.)

SOLID CONCRETE COVER (±47 LBS.)

SOLID CONCRETE UTILITY PULL BOX (±97 LBS.)

TOP VIEW

SIDE VIEW

FRONT VIEW

SCALE
N.T.S.

1

CONDUIT TO UNISTRUT DETAIL

2" Ø RGS CONDUIT W/ GALV. CLAMP OVER UNISTRUT

EXISTING CONCRETE WALL

CONDUIT GALV. CLAMP

P1000 UNISTRUT SET IN A BED OF SEALANT (TYP. EVERY 4'-0")

WEATHERPROOF W/ SEALANT ALL AROUND UNISTRUT

1/2"Ø HILTI KWIK T2 STAINLESS STEEL ANCHOR BOLT W/ 2" MIN. EMBEDMENT IN CONCRETE (ICC-ESR 1917) SPECIAL INSPECTION REQUIRED (2 FOR EACH UNISTRUT).

SCALE
N.T.S.

3

WALL PENETRATION

EXISTING AMU WALL

EXISTING 3 1/4" MIN. CONC. WALL OR CMU. OPENING TO PROVIDE 3/4" MAX. ANNULAR SPACE AROUND PIPE

RGS CONDUIT PER PLAN

3/4"

3/4"

TREMCO THROUGH-PENETRATION FIRE-STOP SYSTEMS, ICBO #3198

MINERAL WOOL (4 PCF) PACKED INTO ANNULAR SPACE AND RECESSED 1/2" FROM WALL SURFACES

NOTES:
1. NOTIFY OWNER 48 HOURS IN ADVANCE PRIOR TO ANY CORE DRILLING
2. THE CONTRACTOR SHALL IDENTIFY THE LOCATION OF THE EXISTING REINFORCING USING NON-DESTRUCTIVE MEANS AND NO REBAR SHALL BE CUT.
3. THE LOCATION OF ALL REINFORCING BARS AT THE VICINITY OF THE POTENTIAL CORE LOCATIONS SHALL BE DETERMINED BY X-RAY.
4. NO REINFORCING BARS SHALL BE DAMAGED DURING CORING THE REINFORCED CONCRETE WALL
5. WHEN CORING INTO EXISTING FLOOR, CONTRACTOR TO REPAIR ALL OPENINGS AND MAINTAIN ALL EXISTING FIRE RATINGS. THE REPAIR SHALL HAVE A FINISH PAINT & TEXTURE TO MATCH EXISTING CONDITIONS.

SCALE
N.T.S.

2

PULL BOX DETAIL

PULL BOX

	TELCO	POWER
A	30"	36"
B	17"	24"

OPTIONAL 1/4" STEEL PLATE BOLT-DOWN COVER (±42 LBS.)

SOLID CONCRETE COVER (±47 LBS.)

SOLID CONCRETE UTILITY PULL BOX (±97 LBS.)

TOP VIEW

SIDE VIEW

FRONT VIEW

SCALE
N.T.S.

5

FIBER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

BACKFILL EARTH TO 90% RELATIVE COMPACTION PER ASTM D1557

UTILITY WARNING TAPE

BACKFILL (SAND OR NATIVE SOIL W/ SAND EQUIVALENT GREATER THAN 30) COMPACT TO 90% RELATIVE COMPACTION PER ASTM D1557

4" PVC SCH 40 FIBER CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER CABLE SIZE)

4"

4"

4"

4"

2'-0" MIN.

1'-0"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

6

POWER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

BACKFILL EARTH TO 90% RELATIVE COMPACTION PER ASTM D1557

UTILITY WARNING TAPE

BACKFILL (SAND OR NATIVE SOIL W/ SAND EQUIVALENT GREATER THAN 30) COMPACT TO 90% RELATIVE COMPACTION PER ASTM D1557

3" PVC SCH 40 ELECTRICAL CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER POWER PROVIDER DESIGN)

4 1/2"

4 1/2"

3"

1'-0"

3'-0" MIN.

4"

4"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

8

KNOX BOX DETAIL

3 1/4"

1/4" STEEL CASE, 100% WELDED STEEL POST OR CHANNEL PER PLAN

1/8" STAINLESS STEEL LOCK COVER

1/3" Ø (A307) BOLT (TYP.)

OPTIONAL TAMPER SWITCH

DOOR

1/2" SOLID PLATE STEEL DOOR WITH GASKET

TO BUILDING ALARM SYSTEM

ALL MOUNTING HOLES ARE 7/16"Ø

3 1/4"

4"

5"

7/8"

4"

2 5/16"

7/8"

5"

3 1/4"

7/16"

4"

3'-0" MIN.

SURFACE MOUNT

SCALE
N.T.S.

9

NOT USED

SCALE
N.T.S.

SCALE
N.T.S.

3

WALL PENETRATION

EXISTING AMU WALL

EXISTING 3 1/4" MIN. CONC. WALL OR CMU. OPENING TO PROVIDE 3/4" MAX. ANNULAR SPACE AROUND PIPE

RGS CONDUIT PER PLAN

3/4"

3/4"

TREMCO THROUGH-PENETRATION FIRE-STOP SYSTEMS, ICBO #3198

MINERAL WOOL (4 PCF) PACKED INTO ANNULAR SPACE AND RECESSED 1/2" FROM WALL SURFACES

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N.T.S.

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SOLID CONCRETE COVER (±47 LBS.)

SOLID CONCRETE UTILITY PULL BOX (±97 LBS.)

TOP VIEW

SIDE VIEW

FRONT VIEW

SCALE
N.T.S.

5

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1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

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4" PVC SCH 40 FIBER CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER CABLE SIZE)

4"

4"

4"

4"

2'-0" MIN.

1'-0"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

6

POWER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

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3"

1'-0"

3'-0" MIN.

4"

4"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

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TO BUILDING ALARM SYSTEM

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3 1/4"

4"

5"

7/8"

4"

2 5/16"

7/8"

5"

3 1/4"

7/16"

4"

3'-0" MIN.

SURFACE MOUNT

SCALE
N.T.S.

9

NOT USED

SCALE
N.T.S.

SCALE
N.T.S.

3

WALL PENETRATION

EXISTING AMU WALL

EXISTING 3 1/4" MIN. CONC. WALL OR CMU. OPENING TO PROVIDE 3/4" MAX. ANNULAR SPACE AROUND PIPE

RGS CONDUIT PER PLAN

3/4"

3/4"

TREMCO THROUGH-PENETRATION FIRE-STOP SYSTEMS, ICBO #3198

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SCALE
N.T.S.

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PULL BOX

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SOLID CONCRETE UTILITY PULL BOX (±97 LBS.)

TOP VIEW

SIDE VIEW

FRONT VIEW

SCALE
N.T.S.

5

FIBER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

BACKFILL EARTH TO 90% RELATIVE COMPACTION PER ASTM D1557

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4" PVC SCH 40 FIBER CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER CABLE SIZE)

4"

4"

4"

4"

2'-0" MIN.

1'-0"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

6

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1'-0"

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4 1/2"

4 1/2"

3"

1'-0"

3'-0" MIN.

4"

4"

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SCALE
N.T.S.

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DOOR

1/2" SOLID PLATE STEEL DOOR WITH GASKET

TO BUILDING ALARM SYSTEM

ALL MOUNTING HOLES ARE 7/16"Ø

3 1/4"

4"

5"

7/8"

4"

2 5/16"

7/8"

5"

3 1/4"

7/16"

4"

3'-0" MIN.

SURFACE MOUNT

SCALE
N.T.S.

9

NOT USED

SCALE
N.T.S.

SCALE
N.T.S.

3

WALL PENETRATION

EXISTING AMU WALL

EXISTING 3 1/4" MIN. CONC. WALL OR CMU. OPENING TO PROVIDE 3/4" MAX. ANNULAR SPACE AROUND PIPE

RGS CONDUIT PER PLAN

3/4"

3/4"

TREMCO THROUGH-PENETRATION FIRE-STOP SYSTEMS, ICBO #3198

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N.T.S.

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	TELCO	POWER
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SOLID CONCRETE COVER (±47 LBS.)

SOLID CONCRETE UTILITY PULL BOX (±97 LBS.)

TOP VIEW

SIDE VIEW

FRONT VIEW

SCALE
N.T.S.

5

FIBER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

UNDISTURBED SOIL

BACKFILL EARTH TO 90% RELATIVE COMPACTION PER ASTM D1557

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4" PVC SCH 40 FIBER CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER CABLE SIZE)

4"

4"

4"

4"

2'-0" MIN.

1'-0"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

6

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1'-0"

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4 1/2"

3"

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4"

4"

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SCALE
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TO BUILDING ALARM SYSTEM

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3 1/4"

4"

5"

7/8"

4"

2 5/16"

7/8"

5"

3 1/4"

7/16"

4"

3'-0" MIN.

SURFACE MOUNT

SCALE
N.T.S.

9

NOT USED

SCALE
N.T.S.

SCALE
N.T.S.

3

WALL PENETRATION

EXISTING AMU WALL

EXISTING 3 1/4" MIN. CONC. WALL OR CMU. OPENING TO PROVIDE 3/4" MAX. ANNULAR SPACE AROUND PIPE

RGS CONDUIT PER PLAN

3/4"

3/4"

TREMCO THROUGH-PENETRATION FIRE-STOP SYSTEMS, ICBO #3198

MINERAL WOOL (4 PCF) PACKED INTO ANNULAR SPACE AND RECESSED 1/2" FROM WALL SURFACES

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SOLID CONCRETE UTILITY PULL BOX (±97 LBS.)

TOP VIEW

SIDE VIEW

FRONT VIEW

SCALE
N.T.S.

5

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1'-0"

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4"

4"

4"

4"

2'-0" MIN.

1'-0"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

6

POWER TRENCH DETAIL

1'-0"

REPLACE SOD &/OR TOP SOIL TO MATCH EXISTING

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3" PVC SCH 40 ELECTRICAL CONDUIT WHERE APPLICABLE (OR PVC SIZING AS REQ'D PER POWER PROVIDER DESIGN)

4 1/2"

4 1/2"

3"

1'-0"

3'-0" MIN.

4"

4"

NOTE: PLACE UTILITY CONDUIT AT CENTER IF SINGLE IN TRENCH

SCALE
N.T.S.

8

KNOX BOX DETAIL

3 1/4"

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1/3" Ø (A307) BOLT (TYP.)

OPTIONAL TAMPER SWITCH

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1/2" SOLID PLATE STEEL DOOR WITH GASKET

TO BUILDING ALARM SYSTEM

ALL MOUNTING HOLES ARE 7/16"Ø

3 1/4"

4"

5"

7/8"

4"

2

INTERSECT ELECTRICAL PANEL

HEIGHT: 5'-0"
 WIDTH: 2'-6"
 LENGTH: 1'-0 1/3"
 WEIGHT: 185 LBS

SEE DETAIL:

8

(E) CONCRETE WALL

NEW P1000 UNISTRUT (TYP.)

CONTINUOUS BEAD OF SILICONE SEALANT @ TOP OF UNISTRUT, TYP.

30"W X 12.03"D (INCL. DOOR & 10" W/O DOOR)
 X 60" H (BOLTS VERTICAL SPACING ON CENTER 61.4")

W=185 LBS

1'-0 1/3"

5'-0"

5'-1 1/3"

NEW MAIN ELECTRICAL PANEL

SEE DETAIL:

8

NEW P1000 UNISTRUT (TYP.)

(E) CONCRETE WALL

CONTINUOUS BEAD OF SILICONE SEALANT @ TOP OF UNISTRUT, TYP.

CABINET PER PLAN

CONDUIT GALV. CLAMP

HEIGHT:	3'-8"
WIDTH:	2'-6"
LENGTH:	1'-2"
WEIGHT:	300 LBS

PREPARED FOR:

verizon

2770 SHADELANDS DR, BLDG 11
WALNUT CREEK, CA 94598

[illegible]

Technical drawing illustrating the components and assembly of the security mesh system:

- SECUREX CLIPS (0.024" THICK PRE-GALVANIZED FORMED STEEL PLATE)**: A component shown in a separate view, labeled "MILES" and "USA".
- 1"X1"X1/4" TUBE, TYP.**: A vertical support tube.
- 3" SQ. 3/16" TUBULAR STEEL FENCE POST @ 6'-0" O.C. MAX.**: A horizontal support post.
- #12 SELF DRILLING SCREWS AT 12" O.C. TYP.**: Screws used to secure the mesh to the vertical tube.
- SECUREX EXPANDED METAL SECURITY MESH PANEL SS, 1/2" #13, TYP.**: The main security mesh panel.
- 3/16"**: Dimension indicating the thickness of the mesh panel.

[illegible]

EXPANSION ANCHOR IS HILTI KB-TZ2
 INSTALLATION AND SPECIAL INSPECTION
 IS PER ESR-4266
 -USE SS304 STAINLESS STEEL EXPANSION
 ANCHORS FOR EXTERIOR APPLICATIONS

(N) EQUIP CABINET
 OR RACK

1/2" EXPANSION ANCHOR
 EMBED = 3"

(1) EA CORNER
 (4) EA UNIT

INSULATING WASHER

6" MIN
 V.L.F.

EMBED

(E) SLAB ON GRADE

SECTION

POST C

6'-0" MAX. SEE PLAN

POST C

4'-0" MAX. SEE PLAN

POST C

CAP (TYP.)

3" SQUARE TUBE FITTINGS-2 WAY CONNECTOR, (TYP.)

GATE FRAME

SQ POST HINGE

3" SQ. 3/16" TUBULAR STEEL, FENCE POST @ 6'-0" O.C. MAX.

BASE PLATE, TYP. SEE DETAIL A

SS SECURITY MESH 1/2" #13

GATE LATCH W/ LOCK

1"x1"x1/4" TUBE, TYP.

9'-0"

5" TYP.

6"

2"

EXISTING CONCRETE SLAB

DETAIL A

10"

1 1/4"

7 1/2"

3 3/4"

3 3/4"

1 1/4"

NEW HSS POST, TYP.

10" x 10" x 1/2" THICK BASE PLATE W/(4) 1/2" THREADED ROD W/ HILTI HIT-RE 500 W/ 3-3/4" EMBED. ICC ESR-3814, SPECIAL INSPECTION REQUIRED.

3/16"

6"

FINISHED GRADE

**DOWNTOWN
SUNNYVALE
MDG L ID#: 5000954339
295 W EVELYN AVE
SUNNYVALE, CA 94086**

SHEET TITLE:

DETAILS

S-1

