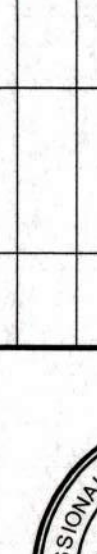


PROJECT SCOPE OF WORK

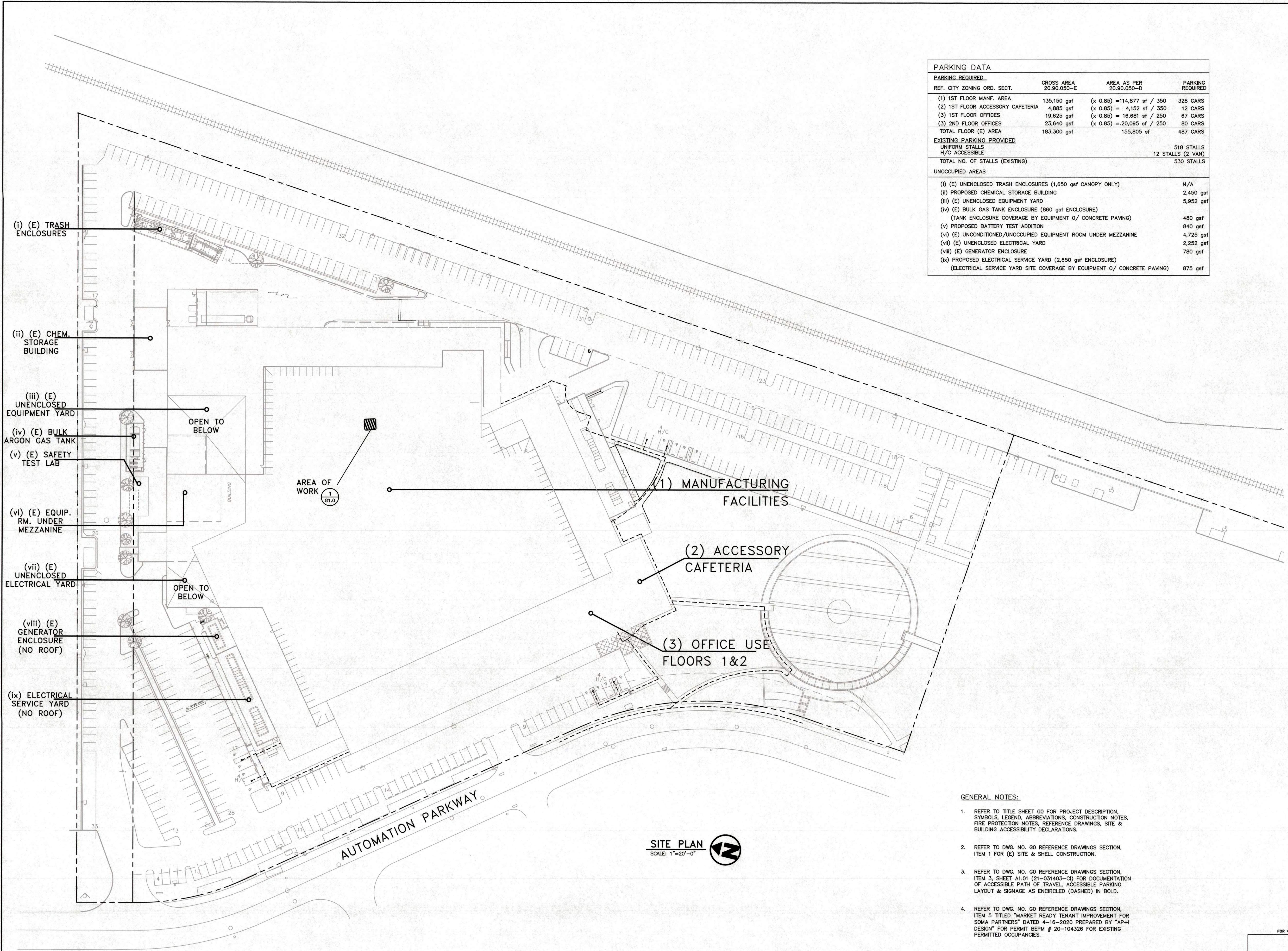
REF. NO	DRAWINGS TITLE	SUBMITTAL DATE	PREPARED BY	CITY OF SAN JOSE	
				STATUS	NUMBER
1	KOMAG BUILDING 10 SHELL ONLY	5/1/1996	CASS ARCHITECTS	-	-
2	LIMITED DEMOLITION PERMIT QUANTUMSCAPE BATTERY INC.	4/30/2021	MMA ARCHITECTS	PERMIT NO.	21-027452
3	A TENANT IMPROVEMENT PACKAGE FOR QUANTUMSCAPE BATTERY INC	5/14/2021	ARCHITECTURAL TECHNOLOGIES	PERMIT NO.	21-031403
4	PHASE 1 BUILDING ALTERATIONS	6/21/2021	MMA ARCHITECTS	PERMIT NO.	21-040215
5	MARKET READY TENANT IMPROVEMENTS FOR SOMA PARTNERS	4/16/2020	AP+I DESIGN	PERMIT NO.	20-104326
6	RHK3-INDUSTRIAL TOOL INSTAL	3/30/2022	MMA ARCHITECTS	PERMIT NO.	22-669968
7	BLDG. 2 PHASE 2.4 INDUSTRIAL TOOL INSTALLATIONS	5/9/2022	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-672902
8	BLDG. 2 PHASE 2.5 INDUSTRIAL TOOL INSTALLATIONS	5/10/2022	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-674050
9	PHASE 1.1 BUILDING ALTERATIONS	9/7/2022	MMA ARCHITECTS	PERMIT NO.	21-044559, DELTA #4
10	PHASE 5.1 DRY ROOMS 5 AND 6 INTERIORS	7/6/2022	MMA ARCHITECTS	PERMIT NO.	22-687103
11	BLDG. 2 PHASE 2.6 INDUSTRIAL TOOL INSTALLATIONS	3/16/2022	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-696167, DELTA #5
12	BLDG. 2 PHASE 2.7 INDUSTRIAL TOOL INSTALLATIONS	2/21/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-688143, DELTA #1
13	BLDG. 2 PHASE 2.8 INDUSTRIAL TOOL INSTALLATIONS	7/27/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-686942, DELTA #3
15	PHASE 3.2: CHEMICAL STORAGE BUILDING AND BATTERY TEST STRUCTURE	8/31/2022	MMA ARCHITECTS	PERMIT NO.	22-685357 REV
16	BLDG. 2 PHASE 2.9 INDUSTRIAL TOOL INSTALLATIONS	5/18/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-697320, DELTA #1
17	BLDG. 2 PHASE 2.10 INDUSTRIAL TOOL INSTALLATIONS	9/9/2022	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-692469
18	BLDG. 2 PHASE 2.11 INDUSTRIAL TOOL INSTALLATIONS	11/4/2022	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-700126
19	DRY ROOMS 7A-7B	12/7/2022	MMA ARCHITECTS	PERMIT NO.	22-703485
20	BLDG. 2 PHASE 6.2 INDUSTRIAL TOOL INSTALLATIONS	10/5/2022	HATCH LTD	PERMIT NO.	22-699143
21	BLDG. 2 PHASE 2.12 INDUSTRIAL TOOL INSTALLATIONS	10/19/2022	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-697230
22	PHASE 2.14 DR3 FALCO ABATEMENT UNITS INSTALLATION	6/28/2023	MMA ARCHITECTS	PERMIT NO.	23-079295, DELTA #1
23	BLDG. 2 PHASE 2.15 INDUSTRIAL TOOL INSTALLATIONS	8/11/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-703345, DELTA #2
24	BLDG. 2 PHASE 6.5 BATTERY TEST TOOL INSTALLATIONS	3/12/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	22-705039, DELTA #1
25	BLDG. 2 PHASE 2.16 INDUSTRIAL TOOL INSTALLATIONS	3/16/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-083462, DELTA #1
26	BLDG. 2 PHASE 6.4 INDUSTRIAL TOOL INSTALLATIONS	1/19/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-083731
27	PHASE 5.2 CLEAN CORRIDOR CONNECTOR, GROWING ROOM 1 UPGRADE, SLITTER SUPPORT ROOM	1/31/2023	MMA ARCHITECTS	PERMIT NO.	23-083849
28	BLDG. 2 PHASE 2.17 INDUSTRIAL TOOL INSTALLATIONS	2/23/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-087860
29	BLDG. 2 PHASE 2.18 INDUSTRIAL TOOL INSTALLATIONS	3/30/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-097661
30	BLDG. 2 PHASE 2.19 INDUSTRIAL TOOL INSTALLATIONS	6/11/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-110624, REV #1
31	BLDG. 2 PHASE 3.5 INDUSTRIAL TOOL INSTALLATIONS	9/29/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-120176
32	BLDG. 2 PHASE 2.20 INDUSTRIAL TOOL INSTALLATIONS	10/27/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-123197
33	BLDG. 2 PHASE 2.21 INDUSTRIAL TOOL INSTALLATIONS	11/10/2023	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	23-125141
34	PHASE 5.3 MODULAR CLEAN ROOM	11/14/2023	MMA ARCHITECTS	PERMIT NO.	23-125705
35	DRY ROOMS 8A-8B	1/14/2025	MMA ARCHITECTS	PERMIT NO.	24-073113, DELTA #3
36	BLDG. 2 PHASE 2.22 INDUSTRIAL TOOL INSTALLATIONS	2/26/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-074175
37	BLDG. 2 PHASE 2.23 INDUSTRIAL TOOL INSTALLATIONS	3/15/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-077302
38	PHASE 5.4 - DRY ROOM 5B	4/16/2024	MMA ARCHITECTS	PERMIT NO.	24-081194
39	PHASE 5.5 - FINAL TEST CELL	6/3/2024	MMA ARCHITECTS	PERMIT NO.	24-089695
40	BLDG. 2 PHASE 2.24 INDUSTRIAL TOOL INSTALLATIONS	6/21/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-092646
41	BLDG. 2 PHASE 2.25 INDUSTRIAL TOOL INSTALLATIONS	8/29/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-094912, DELTA #1
42	BLDG. 2 PHASE 2.29 INDUSTRIAL TOOL INSTALLATIONS	1/6/2025	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-108464, DELTA #1
43	BLDG. 2 PHASE 2.30 INDUSTRIAL TOOL INSTALLATIONS	9/11/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-105501
44	BLDG. 2 PHASE 2.32 INDUSTRIAL TOOL INSTALLATIONS	10/8/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-109094
45	BLDG. 2 PHASE 2.26 INDUSTRIAL TOOL INSTALLATIONS	2/28/2025	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-109154, DELTA #2
46	BLDG. 2 PHASE 2.28 INDUSTRIAL TOOL INSTALLATIONS	10/25/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-118499
47	BLDG. 2 PHASE 2.31 INDUSTRIAL TOOL INSTALLATIONS	12/3/2024	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	24-116095
48	BLDG. 2 PHASE 2.33 INDUSTRIAL TOOL INSTALLATIONS	2/6/2025	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	25-095391
49	PHASE 2.27 ELECTRICAL TEST EQUIPMENT TOOL INSTALLATION	2/28/2025	MMA ARCHITECTS	PERMIT NO.	25-099318
50	BLDG. 2 PHASE 2.34 INDUSTRIAL TOOL INSTALLATIONS	3/21/2025	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	25-102120
51	BLDG. 2 PHASE 2.35 INDUSTRIAL TOOL INSTALLATIONS	5/2/2025	PACIFIC CREST ENGINEERING INC.	PERMIT NO.	25-108731

QUANTUMSCAPE BATTERY INC. BUILDING 2 BLANKET PERMIT NUMBERS		
GAS	PERMIT NUMBER	EXPIRATION DATE
ARGON (Ar)	25-097021	3/3/2026
FORMING GAS (FG)	25-096762	2/25/2026
NITROGEN (N2)	25-118755	8/1/2026
OXYGEN (O2)	25-130769	10/1/2026

BLDG. 2 PHASE 2.42 – INDUSTRIAL TOOL INSTALLATIONS	REFERENCE DRAWINGS	Drawn: AC 10/10/25	0	11/3/25	ISSUED FOR PLAN CHECK/PERMIT	JFW
		Scale: NO SCALE				
Project No: 1964.20		PM: Jim Walker				
DWG. NO.		RD1				

 1710 AUTOMATION PARKWAY SAN JOSE CALIFORNIA 95131	 444 Airport Blvd., Suite 106 Watsonville, CA 95076 Ph: (831) 763-6191 Fax: (831) 722-9158							

PACIFIC CREST ENGINEERING Inc. 2/8/2019 1:42 PM X-TLB_30x42.dwg



PARKING DATA			
PARKING REQUIRED			
REF. CITY ZONING ORD. SECT.	GROSS AREA 20.90.050-E	AREA AS PER 20.90.050-D	PARKING REQUIRED
(1) 1ST FLOOR MANF. AREA	135,150 gsf	(x 0.85) =114,877 sf / 350	328 CARS
(2) 1ST FLOOR ACCESSORY CAFETERIA	4,885 gsf	(x 0.85) = 4,152 sf / 350	12 CARS
(3) 1ST FLOOR OFFICES	19,625 gsf	(x 0.85) = 16,681 sf / 250	67 CARS
(3) 2ND FLOOR OFFICES	23,640 gsf	(x 0.85) =20,095 sf / 250	80 CARS
TOTAL FLOOR (E) AREA	183,300 gsf	155,805 sf	487 CARS
EXISTING PARKING PROVIDED			
UNIFORM STALLS			518 STALLS
H/C ACCESSIBLE			12 STALLS (2 VAN)
TOTAL NO. OF STALLS (EXISTING)			530 STALLS
UNOCCUPIED AREAS			
(i) (E) UNENCLOSED TRASH ENCLOSURES (1,650 gsf CANOPY ONLY)			N/A
(ii) PROPOSED CHEMICAL STORAGE BUILDING			2,450 gsf
(iii) (E) UNENCLOSED EQUIPMENT YARD			5,952 gsf
(iv) (E) BULK GAS TANK ENCLOSURE (860 gsf ENCLOSURE)			
(TANK ENCLOSURE COVERAGE BY EQUIPMENT O/ CONCRETE PAVING)			480 gsf
(v) PROPOSED BATTERY TEST ADDITION			840 gsf
(vi) (E) UNCONDITIONED/UNOCCUPIED EQUIPMENT ROOM UNDER MEZZANINE			4,725 gsf
(vii) (E) UNENCLOSED ELECTRICAL YARD			2,252 gsf
(viii) (E) GENERATOR ENCLOSURE			790 gsf
(ix) PROPOSED ELECTRICAL SERVICE YARD (2,650 gsf ENCLOSURE)			
(ELECTRICAL SERVICE YARD SITE COVERAGE BY EQUIPMENT O/ CONCRETE PAVING)			875 gsf

GENERAL NOTES:

- REFER TO TITLE SHEET GO FOR PROJECT DESCRIPTION, SYMBOLS, LEGEND, ABBREVIATIONS, CONSTRUCTION NOTES, FIRE PROTECTION NOTES, REFERENCE DRAWINGS, SITE & BUILDING ACCESSIBILITY DECLARATIONS.
- REFER TO DWG. NO. GO REFERENCE DRAWINGS SECTION, ITEM 1 FOR (E) SITE & SHELL CONSTRUCTION.
- REFER TO DWG. NO. GO REFERENCE DRAWINGS SECTION, ITEM 3, SHEET A1.01 (21-031403-0) FOR DOCUMENTATION OF ACCESSIBLE PATH OF TRAVEL, ACCESSIBLE PARKING LAYOUT & SIGNAGE AS ENCIRCLED (DASHED) IN BOLD.
- REFER TO DWG. NO. GO REFERENCE DRAWINGS SECTION, ITEM 5 TITLED "MARKET READY TENANT IMPROVEMENT FOR SOMA PARTNERS" DATED 4-16-2020 PREPARED BY "AP+I DESIGN" FOR PERMIT BEPM # 20-104326 FOR EXISTING PERMITTED OCCUPANCIES.

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Plans shall be available for field inspector



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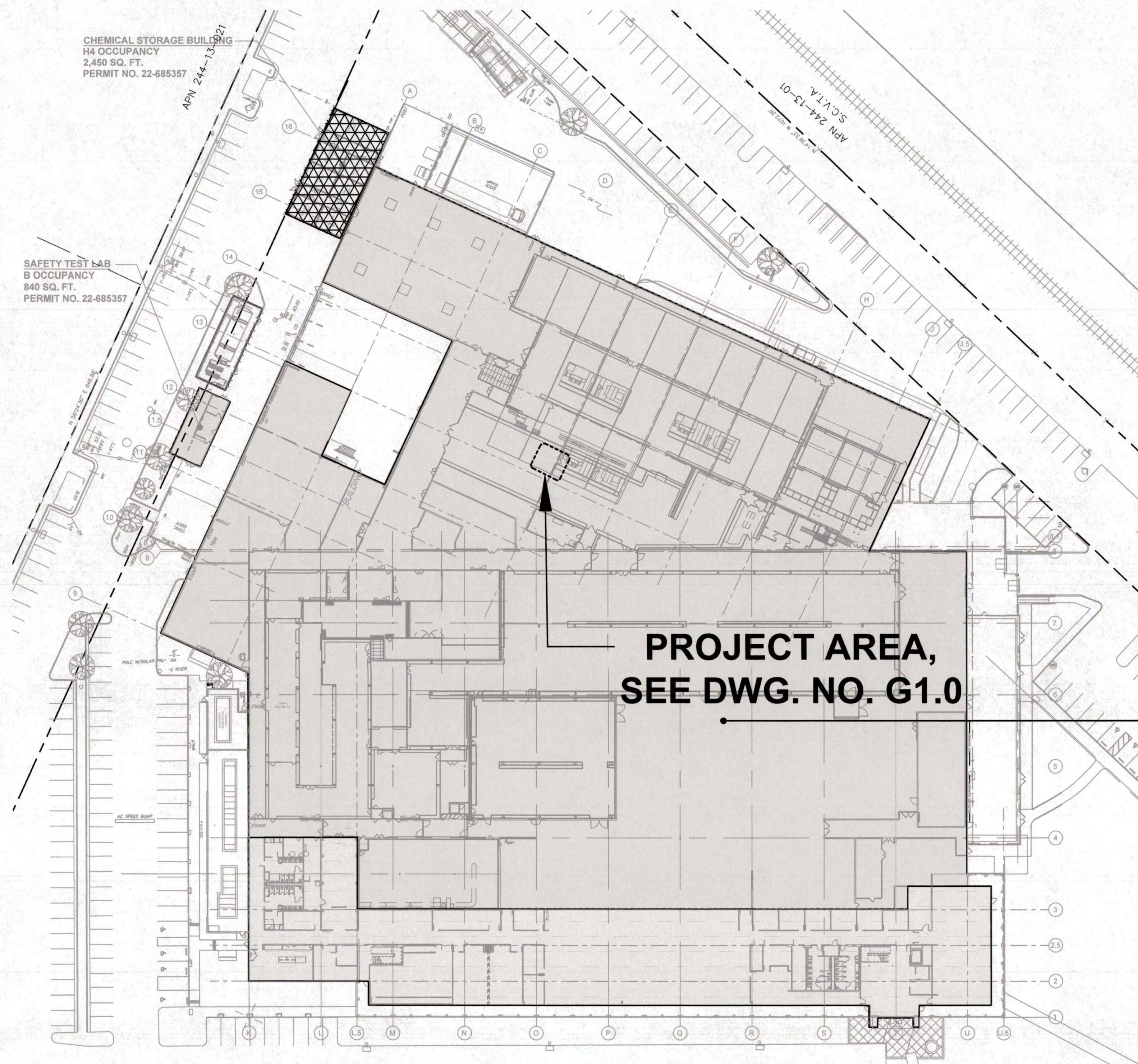
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BLDG. 2 PHASE 2.42 - INDUSTRIAL TOOL
INSTALLATIONS

OVERALL REFERENCE SITE PLAN

Drawn: AC 10/10/25
Scale: AS SHOWN
Project No: 1964.20
PM: Jim Walker
DWG. NO.

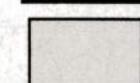
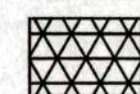
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BUILDING OCCUPANCY AREAS
SCALE: 1"=40'-0"



LEGEND

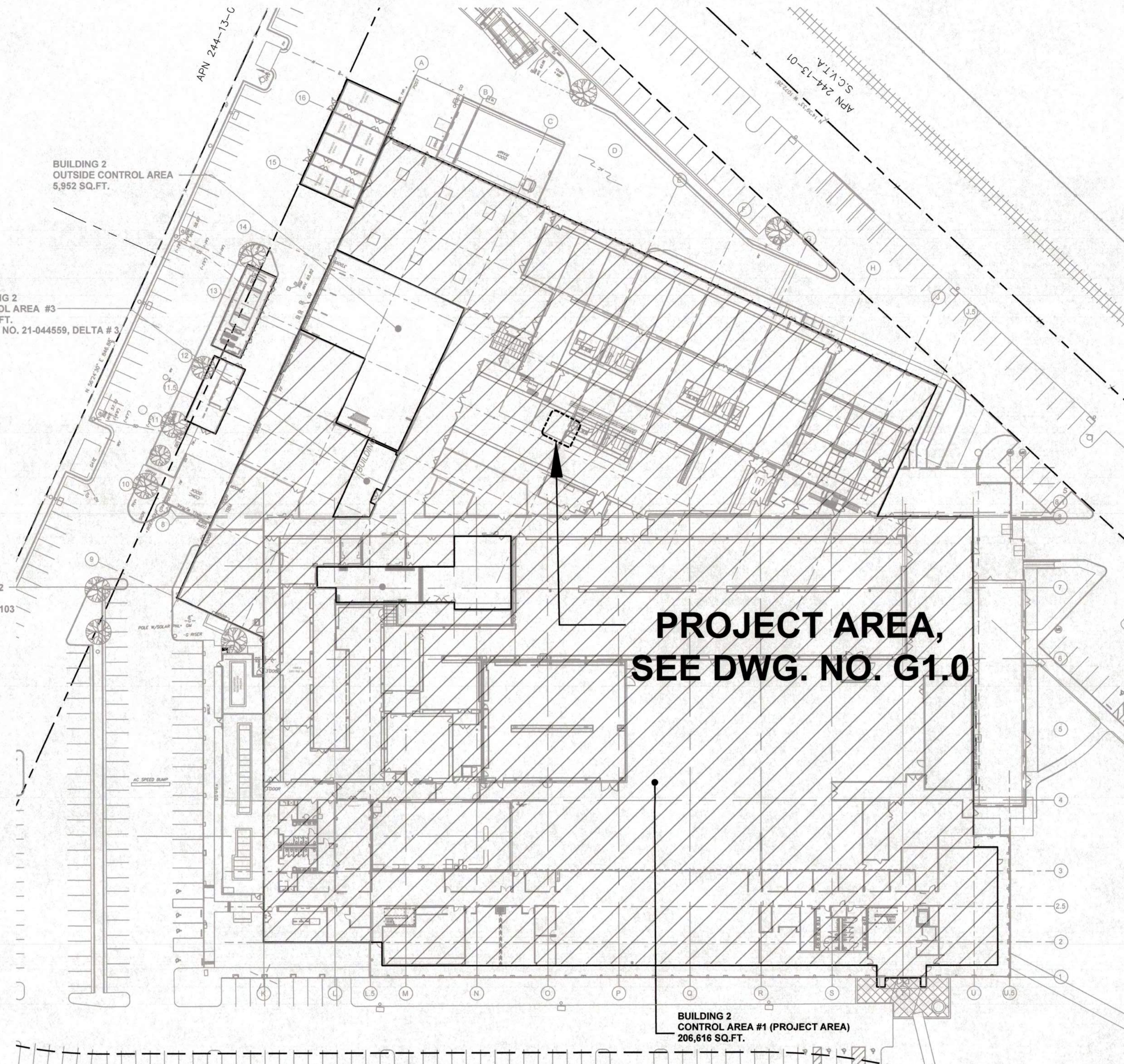
-  F-1 OCCUPANCY (PROJECT AREA)
-  B OCCUPANCY
-  H4 OCCUPANCY

BUILDING 2
TOTAL BLDG. AREA: 203,731 SQ. FT.
OCCUPANCY TYPE: F-1 AND B
CONSTRUCTION TYPE: III-B
FULLY AUTOMATIC FIRE SPRINKLERED
STORIES: 2

BUILDING 2
CONTROL AREA #2
3,087 SQ.FT.
PERMIT NO. 22-687103

BUILDING 2
CONTROL AREA #3
929 SQ.FT.
PERMIT NO. 21-044559, DELTA # 3

BUILDING 2
OUTSIDE CONTROL AREA
5,992 SQ.FT.



BUILDING CONTROL AREAS
SCALE: 1"=40'-0"



CITY OF SAN JOSE
BUILDING DIVISION
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DATE

BLDG. 2 PHASE 2.42 - INDUSTRIAL TOOL INSTALLATIONS

BUILDING CONTROL AREAS & OCCUPANCY AREAS

Drawn: AC 10/10/25
Scale: 1" = 40'-0"
Project No: 1964.20
PM: Jim Walker
DWG. NO.

G0.2

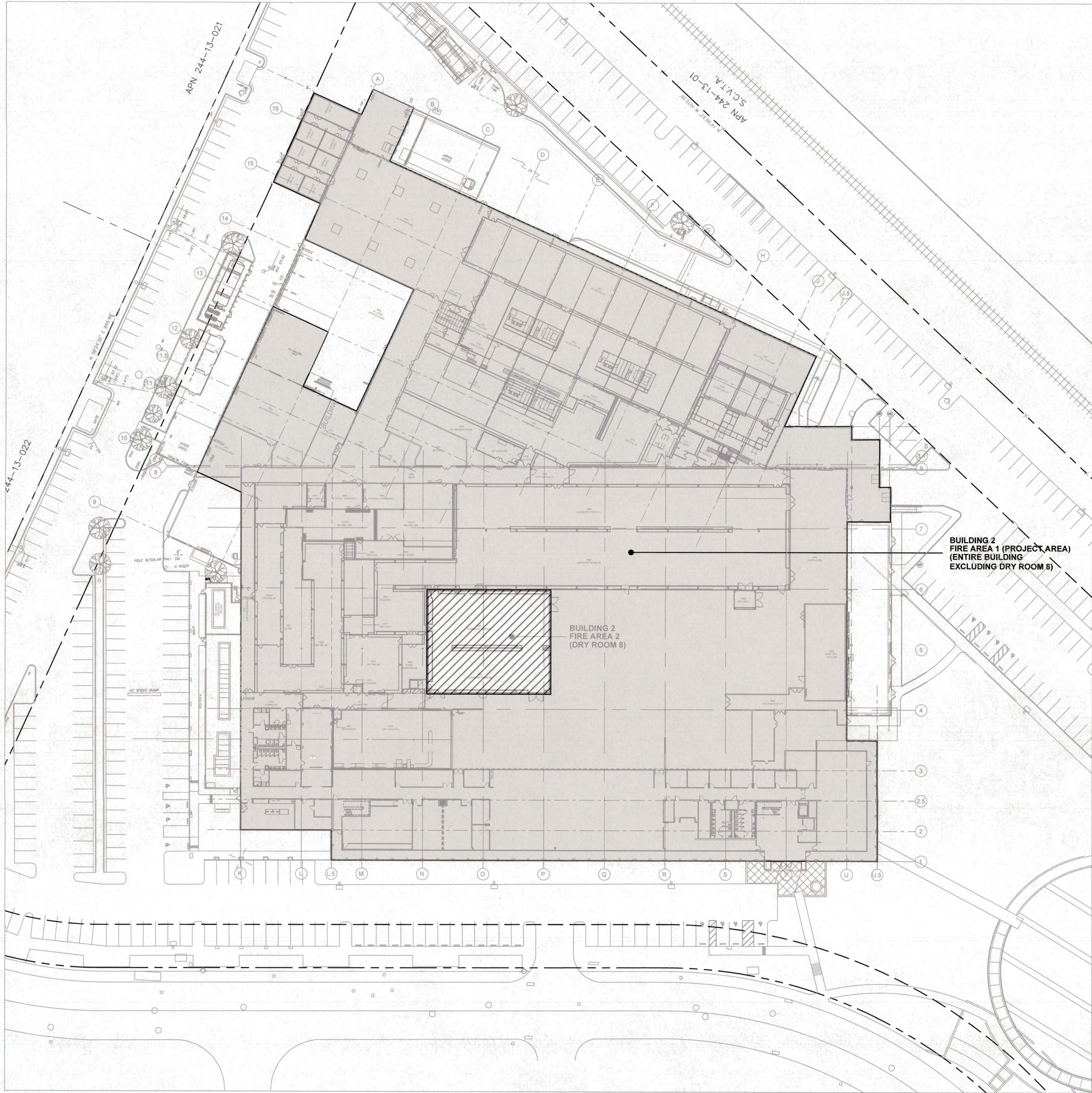
QuantumScope
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CALIFORNIA 95131

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0	11/3/25	ISSUED FOR PLAN CHECK/PERMIT	JFW



BUILDING FIRE AREA LOCATIONS
SCALE: 1"=32'-0"



FIRE AREA 1 (NOTE 1 & 2)

AREA LEGEND:

BATTERY WEIGHT: 541 LBS.

CITY OF SAN JOSE MUNICIPAL

CODE 17.12.430 -

2022 CFC SECTION 315.8: ≤ 1,000 LBS. BATTERY WEIGHT

FIRE AREA 1: 541 LBS. < 1,000 LBS. ✓ OK

FIRE AREA 2 (NOTE 1 & 2)

AREA LEGEND:

BATTERY WEIGHT: 274 LBS.

CITY OF SAN JOSE

CODE 17.12.430 - MUNICIPAL

2022 CFC SECTION 315.8: ≤ 1,000 LBS. BATTERY WEIGHT

FIRE AREA 2: 306 LBS. < 1,000 LBS. ✓ OK

NOTE 1: BATTERY WEIGHT INFORMATION PROVIDED BY QUANTUMSCAPE BATTERY INC.

NOTE 2: WHEN BATTERY IS NOT ACTIVELY BEING TESTED, THE BATTERY'S STATE OF CHARGE IS NO MORE THAN 30 PERCENT.

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BLDG. 2 PHASE 2.42 - INDUSTRIAL TOOL INSTALLATIONS

FACILITY FIRE AREA INFORMATION

Drawn: AC 10/10/25
Scale: 1" = 32'-0"
Project No: 1964.20
PM: Jim Walker
DWG. NO.

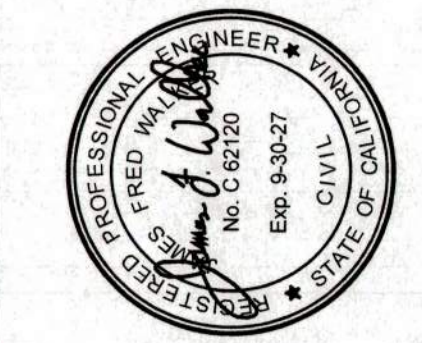
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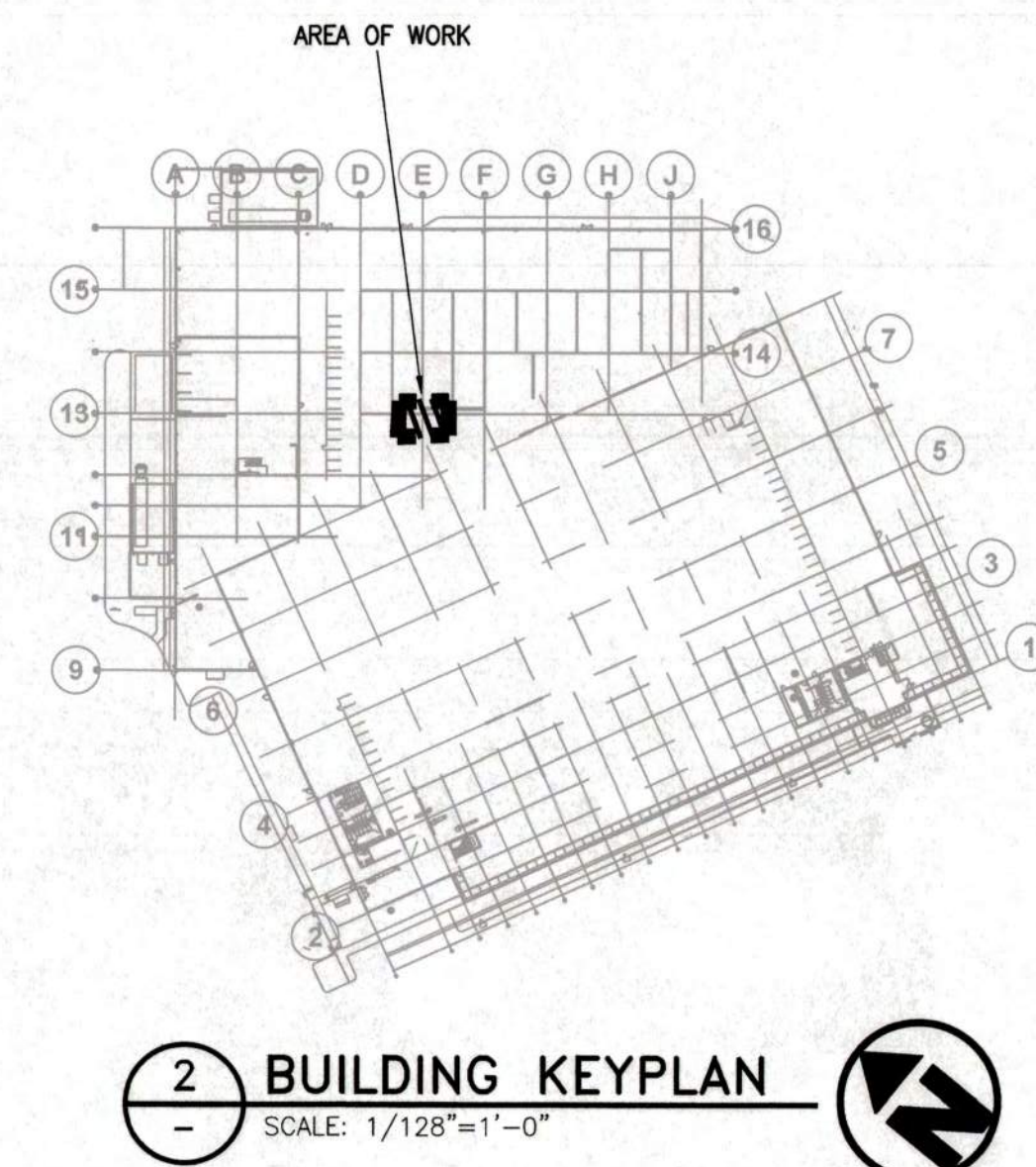
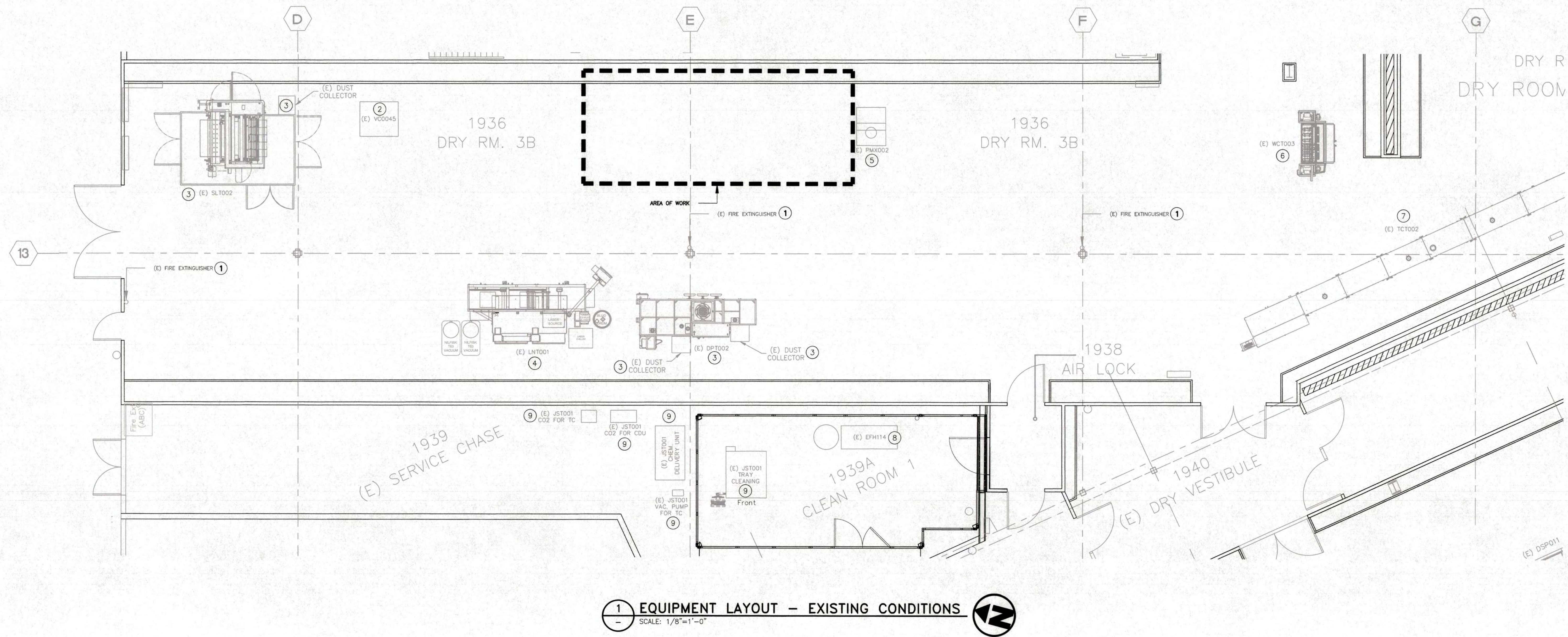
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KEYNOTES

- 1 THE MINIMUM SIZE OF THE FIRE EXTINGUISHER SHALL BE 2-A:10-BC.
- 2 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 22-686942.
- 3 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 22-700126.
- 4 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 24-108464, DELTA #1.
- 5 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 23-083462, DELTA #1.
- 6 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 24-074175.
- 7 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 22-686942, DELTA #3.
- 8 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 23-125705.
- 9 INCLUDED IN CITY OF SAN JOSE PERMIT NO. 24-077302.



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B.P. #
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BLDG. 2 PHASE 2.42 - INDUSTRIAL TOOL
INSTALLATIONS

EQUIPMENT LAYOUT - EXISTING
CONDITIONS

Drawn: AC 10/10/25
Scale: AS SHOWN
Project No: 1964.20
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DWG. NO.

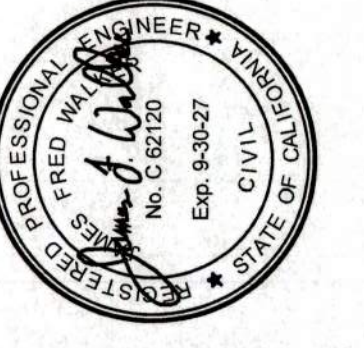
G1.0

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0	11/3/25	ISSUED FOR PLAN CHECK/PERMIT	JFW

EQUIPMENT USES AND NOTES

PCA021
TAKES CATHODES AND CLEANS THEM WITH CDA AND FOLLOWS-UP WITH METROLOGY INSPECTION.

KEYNOTES

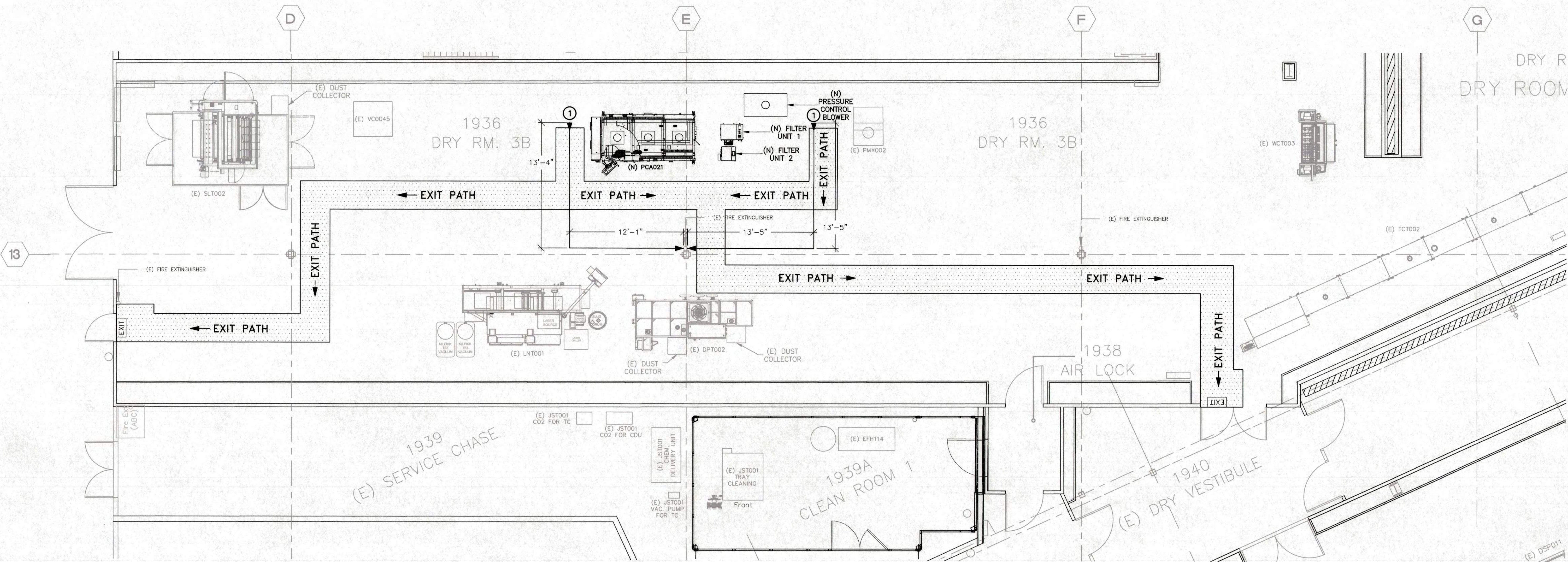
1 PATH OF TRAVEL TO NEAREST FIRE EXTINGUISHER IS < 75 FEET.

GENERAL NOTES

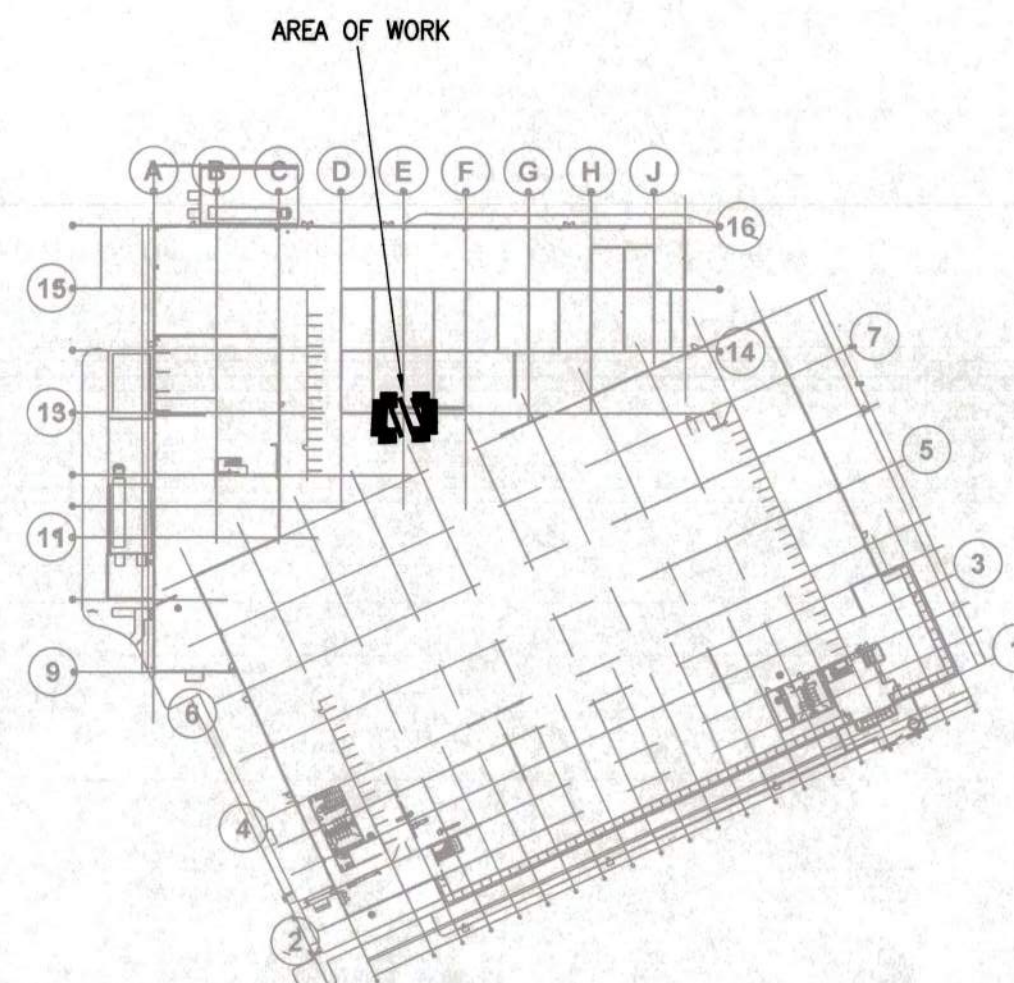
- REFER TO DRAWING NO. PP2 FOR COMPLETE UTILITY AND PROCESS PIPING SCHEMATIC.
- TOOL LOCATION TO BE CONFIRMED WITH QUANTUMSCAPE BATTERY INC. PROJECT MANAGER.
- REFER TO DRAWING NO. G1.5, G1.6, G1.7 & G1.8 FOR COMPLETE GROUND FLOOR EXITING PLAN.

LEGEND

- EGRESS (3'-0" WIDE MINIMUM WITH MINIMUM 7'-0" HEAD ROOM). INCLUDES 12" ADDITIONAL CLEARANCE BEYOND DOOR STRIKES AND 4'-0" CLEARANCE ON PUSH SIDE OF DOOR, 18" ADDITIONAL CLEARANCE BEYOND DOOR STRIKES AND 6'-0" CLEARANCE ON PULL SIDE OF THE DOOR, PER CBC CHAPTER 11B. RUNNING SLOPES OF WALKING SURFACES DO NOT EXCEED 5%. CROSS SLOPES ACROSS WALKING SURFACES AND TURNS ON WALKING SURFACE SLOPES DO NOT EXCEED 2%, PER CBC.
- NEW EQUIPMENT (ALL OTHER EQUIPMENT IS EXISTING).



1 EQUIPMENT LAYOUT AND EGRESS PLAN
SCALE: 1/8"=1'-0"



2 BUILDING KEYPLAN
SCALE: 1/128"=1'-0"

CITY OF SAN JOSE
BUILDING DIVISION
B.F. #
DATE

BLDG. 2 PHASE 2.42 - INDUSTRIAL TOOL INSTALLATIONS

EQUIPMENT LAYOUT AND EGRESS PLAN

Drawn: AC 10/10/25
Scale: AS SHOWN
Project No: 1964.20
PM: Jim Walker
DWG. NO.

G1.1

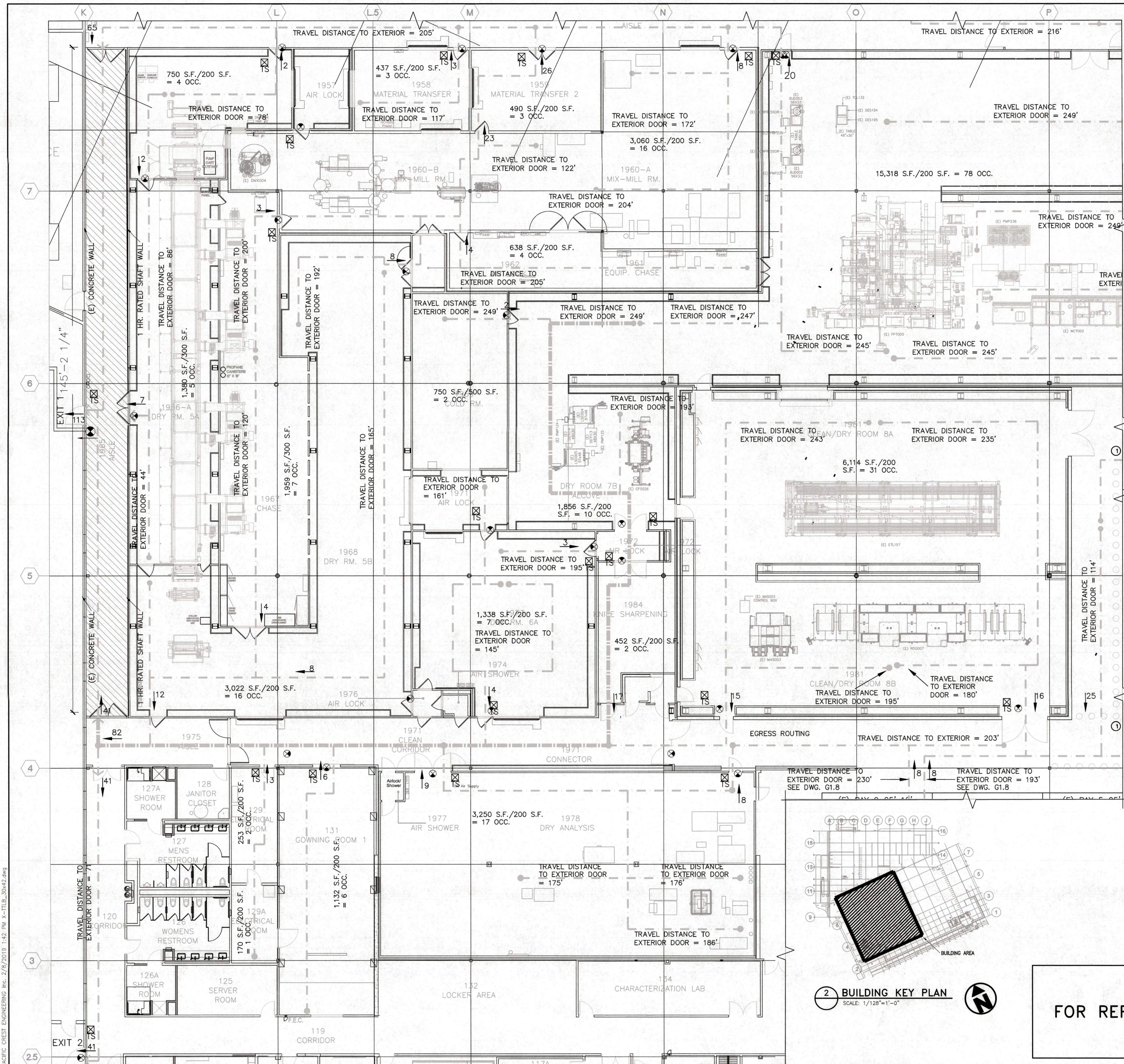
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1 GROUND FLOOR EXITING PLAN

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



TACTILE SIGNAGE REQUIREMENTS

1. EACH GRADE LEVEL EXTERIOR EXIT TO BE PROVIDED WITH TACTILE SIGNAGE PER CBC 1013.4.
2. EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN PER CBC 1013.4 - "EXIT ROUTE"
3. THE EXIT SIGN SHALL READ:

"EXIT" AT GRADE LEVEL EXTERIOR EXIT DOOR.

"EXIT STAIR DOWN", "EXIT RAMP DOWN", "EXIT STAIR UP", "EXIT RAMP UP" AT EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE LEVEL EXTERIOR DOOR BY A STAIRWAY OR RAMP AS APPROPRIATE.

"EXIT ROUTE" AT EXIT DOOR THAT LEADS TO A GRADE LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGeway.

"EXIT ROUTE" AT INTERIOR ROOM DOOR OR OR AREA TO A CORRIDOR OR HALLWAY.

"TO EXIT: AT AN EXIT DOOR THROUGH A HORIZONTAL EXIT.

MEANS OF EGRESS ILLUMINATION

- A. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT - CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS.
1. AISLES AND UNCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE EXITS.
 2. CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 3. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 4. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1024.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 5. EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.5., FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- B. THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR.
- C. THE INSTALLATION OF THE EMERGENCY POWER SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION 2702.

EXITING NOTES

1. ALL EXIT DOORS SHALL BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
2. ALL EXIT DOORS SERVING 50 OR MORE OCCUPANTS SHALL SWING IN DIRECTION OF TRAVEL.
3. DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE.

LOCKS AND LATCHES NOTES

1. IN BUILDINGS IN OCCUPANCY GROUP B, THE MAIN EXTERIOR DOOR OR DOORS AREA PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EGRESS SIDE PROVIDED:
 - A. THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED.
 - B. THE READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING "THIS DOOR IS TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED." THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND.
 - C. THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOCABLE BY THE FIRE CODE OFFICIAL FOR DUE CAUSE.

MAX TRAVEL DISTANCE TO COMMON PATH OF TRAVEL

OCCUPANCY GROUP	WITHOUT SPRINKLERS	WITH SPRINKLERS
B, F-1, S-1,	75'-0"	100'-0"
B, F-1, (LESS THAN 30 PEOPLE)	100'-0"	100'-0"

MAX TRAVEL DISTANCE TO EXIT

OCCUPANCY GROUP	WITHOUT SPRINKLERS	WITH SPRINKLERS
F-1, S-1	200'-0"	250'-0"
B	200'-0"	300'-0"

EXIT DOOR WIDTH

	OCCUPANT EGRESS LOAD	WIDTH FACTOR PER OCCUPANT	CALCULATED MINIMUM	MIN. REQUIRED WIDTH	WIDTH PROVIDED
EXIT 1	117	0.15	16.95"	32" CLR.	46"
EXIT 2	41	0.15	6.15"	32" CLR.	46"

LEGEND

-
- Diagram illustrating various traffic signs and symbols used in the project:
- Exit**: Represented by a black triangle.
 - Occupant load travel direction**: Indicated by a horizontal line with an arrow pointing right.
 - Tactile signage at Exit**: Represented by a square sign with "TS" and a cross symbol.
 - Illuminated Exit signage**: Represented by a circular sign with a red border and a black center.
 - Illuminated Exit signage w/ directional arrow**: Represented by a circular sign with a red border, a black center, and a black arrow pointing right.
 - Egress Path Extents**: Represented by four small circles arranged in a horizontal line.
 - Path of Travel for Project tools**: Represented by a green line.
 - Exit passageway**: Represented by a square with diagonal lines.
 - Travel Distance Markers**:
 - 200'-0" travel distance**: Indicated by a horizontal line with an arrow pointing right.
 - 200'-0" travel distance to common path of travel**: Indicated by a horizontal line with an arrow pointing right.
 - Typ. Path of Travel**: Indicated by a dashed line.
 - Longest Path of Travel**: Indicated by a solid line.

KEYNOTES

- ① CONTRACTOR SHALL NOT BLOCK EXIT DOORS OPENING INTO THE "FUTURE R&D" AREA NOR BLOCK AREAS EGRESS ROUTING WITH CONSTRUCTION MATERIALS, EQUIPMENT, TOOLS, OR CLINE'S TOOLS AND ASSOCIATED SHIPPING MATERIAL.

BUILDING KEY PLAN

SCALE: 1/128"=1'-0"



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Plans shall be available for field inspector

BLDG. 2 PHASE 2.42 - INDUSTRIAL TOOL
INSTALLATIONS

GROUND FLOOR EXITING FLAIN Z

QuantumScope
BATTERY Inc.
17110 AUTOMATION PARKWAY
SAN JOSE
CALIFORNIA 95131



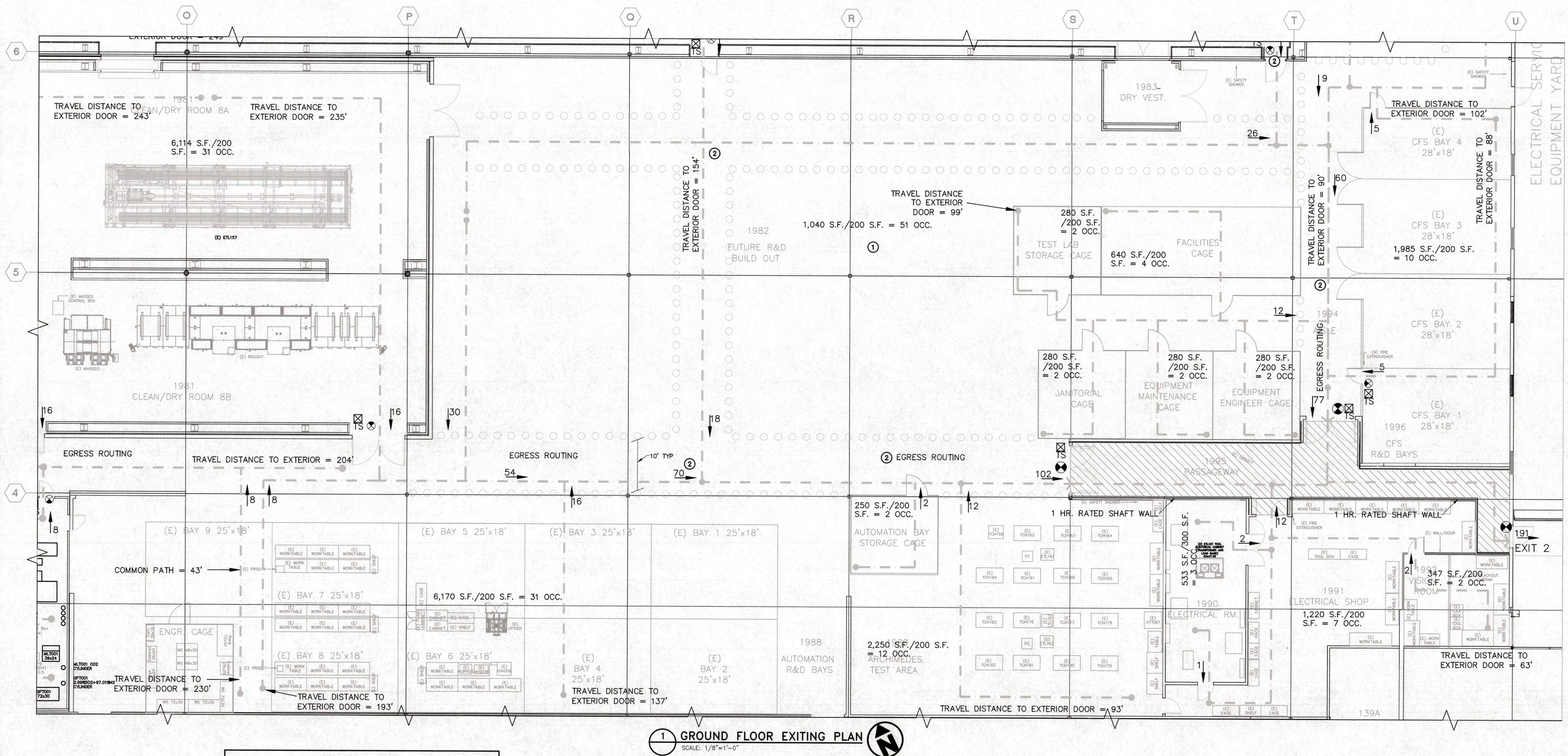
Pacific Crest
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Rev	Date	Revision	By
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KEYNOTES

- "FUTURE R&D BUILDOUT" AREA SHALL BE EQUIPPED WITH LIGHTING WHICH IS SUITABLE FOR EGRESS THROUGH THE AREA.
 - CONTRACTOR SHALL NOT BLOCK EXIT DOORS OPENING INTO THE "FUTURE R&D BUILDOUT" AREA NOR BLOCK AREA EGRESS ROUTING WITH CONSTRUCTION MATERIALS, EQUIPMENT, TOOLS, OR CLIENT'S TOOLS AND ASSOCIATED SHIPPING MATERIAL.
- TACTILE SIGNAGE REQUIREMENTS**
- EACH GRADE LEVEL EXTERIOR EXIT TO BE PROVIDED WITH TACTILE SIGNAGE PER CBC 1013.4.
 - EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN PER CBC 1013.4 - "EXIT ROUTE"
 - THE EXIT SIGN SHALL READ:
"EXIT" AT GRADE LEVEL EXTERIOR EXIT DOOR.
"EXIT STAIR DOWN", "EXIT RAMP DOWN", "EXIT STAIR UP", "EXIT RAMP UP" AT EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE LEVEL EXTERIOR DOOR BY A STAIRWAY OR RAMP AS APPROPRIATE.
"EXIT ROUTE" AT EXIT DOOR THAT LEADS TO A GRADE LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY.
"EXIT ROUTE" AT INTERIOR ROOM DOOR OR AREA TO A CORRIDOR OR HALLWAY.
"TO EXIT: AT AN EXIT DOOR THROUGH A HORIZONTAL EXIT."

LOCKS AND LATCHES NOTES

- IN BUILDINGS IN OCCUPANCY GROUP B, THE MAIN EXTERIOR DOOR OR DOORS AREA PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EGRESS SIDE PROVIDED:
 - THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED.
 - THE READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: "THIS DOOR IS TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED". THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND.
 - THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOCABLE BY THE FIRE CODE OFFICIAL FOR DUE CAUSE.

MEANS OF EGRESS ILLUMINATION

- THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT - CANDLE (11 LUX) AT THE WALKING SURFACE LEVEL. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
 - AISLES AND UNCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE EXITS.
 - CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1024.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1008.1.5., FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR.
- THE INSTALLATION OF THE EMERGENCY POWER SYSTEMS SHALL BE IN ACCORDANCE WITH SECTION 2702.

EXITING NOTES

- ALL EXIT DOORS SHALL BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- ALL EXIT DOORS SERVING 50 OR MORE OCCUPANTS SHALL SWING IN DIRECTION OF TRAVEL.
- DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE.

MAX TRAVEL DISTANCE TO COMMON PATH OF TRAVEL

OCCUPANCY GROUP	WITHOUT SPRINKLERS	WITH SPRINKLERS
B, F-1, S-1	75'-0"	100'-0"
B, F-1, (LESS THAN 30 PEOPLE)	100'-0"	100'-0"

MAX TRAVEL DISTANCE TO EXIT

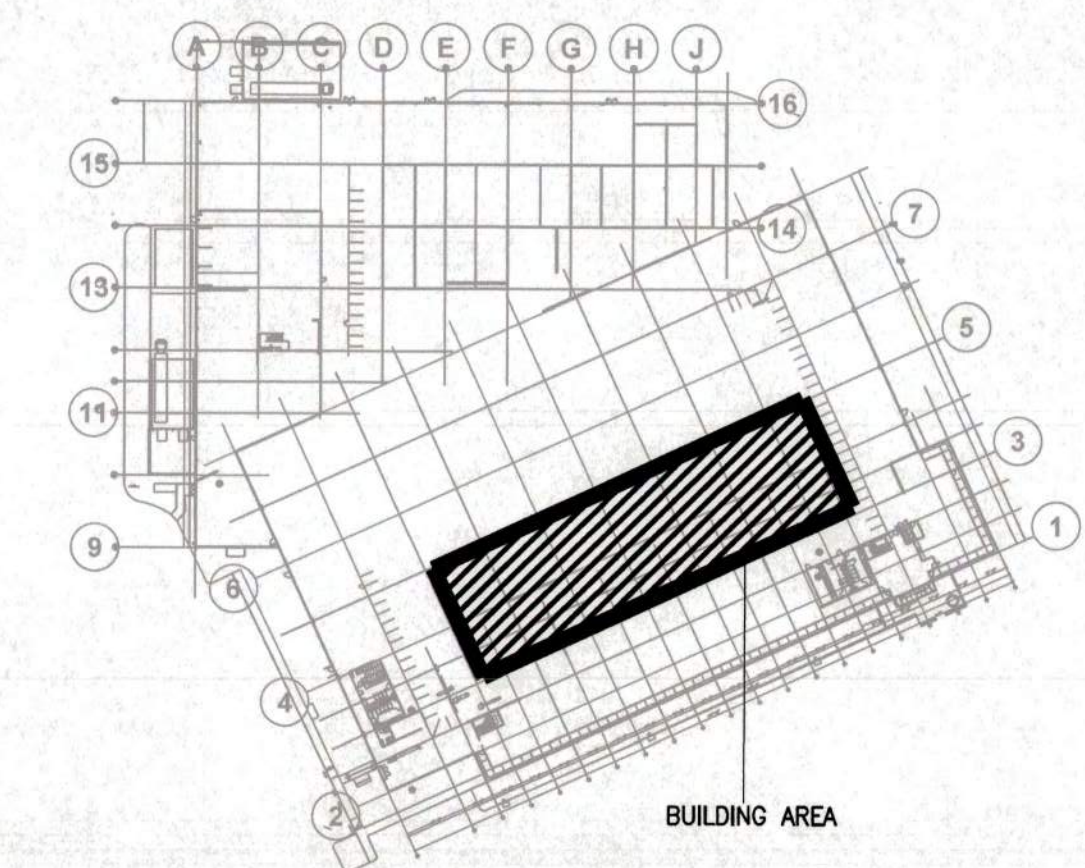
OCCUPANCY GROUP	WITHOUT SPRINKLERS	WITH SPRINKLERS
F-1, S-1	200'-0"	250'-0"
B	200'-0"	300'-0"

EXIT DOOR WIDTH

	OCCUPANT EGRESS LOAD	WIDTH FACTOR PER OCCUPANT	CALCULATED MINIMUM	MIN. REQUIRED WIDTH	WIDTH PROVIDED
EXIT 2	191	0.15	28.65"	32" CLR.	36"

LEGEND

- Exit
- Tactile signage at Exit
- Illuminated Exit signage
- Illuminated Exit signage w/ directional arrow
- Egress Path
- Egress Path Extents
- Occupant load travel direction
- 200'-0" travel distance
- 200'-0" travel distance to common path of travel
- Typ. Path of Travel
- Longest Path of Travel
- Path of Travel for Project Tools
- Exit passageway



2 BUILDING KEY PLAN
SCALE: 1/128"=1'-0"

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Plans shall be available for field inspection

BLDG. 2 PHASE 2.42 - INDUSTRIAL TOOL INSTALLATIONS

GROUND FLOOR EXITING PLAN 4

Drawn: AC 10/13/25
Scale: AS SHOWN
Project No: 1964-20
PM: Jim Walker
DWG. NO.

G1.8

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Rev. Date
0 11/3/25
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By