

KENNEDY MIDDLE SCHOOL WALK-IN COOLER AND FREEZER INSTALLATION

KENNEDY MIDDLE SCHOOL
821 BUBB RD., CUPERTINO, CA 95014

GENERAL NOTES

- THESE DOCUMENTS ARE THE PROPERTY OF SIM AND ARE NOT TO BE USED FOR ANY OTHER THAN THE LOCATION SHOWN HEREON. NO CHANGES ARE TO BE MADE ON THESE DOCUMENTS WITHOUT THE KNOWLEDGE OR CONSENT OF THE ARCHITECT OR ENGINEER WHOSE SIGNATURE APPEARS HEREON.
- WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2022 CALIFORNIA BUILDING CODE AS ADOPTED BY THE COUNTY OF SANTA CLARA, CALIFORNIA AND ALL OTHER GOVERNING AUTHORITIES HAVING JURISDICTION.
- REQUEST ASBESTOS INFORMATION REGARDING THIS PROJECT TO THE HUDS PRIOR TO BID. THE CONTRACTOR IS ADVISED THAT, PART OF THE DEMOLITION WORK REQUIRED FOR THIS PROJECT, MAY INCLUDE ASBESTOS CONTAINING MATERIALS WHICH MUST BE REMOVED/DEMOLISHED ACCORDING TO THE ASBESTOS REMOVAL AND DISPOSAL PROCEDURES.
- THE CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO THE COMMENCEMENT OF WORK. IF SITE CONDITIONS ARE FOUND TO BE DIFFERENT FROM THE DRAWINGS. PROTECT ALL UTILITY LINES DURING CONSTRUCTION. IF DISCONNECTION IS REQUIRED COORDINATE WITH THE ARCHITECT PRIOR TO WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECONNECTION FOR A FULLY OPERATIONAL SYSTEM.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION WHEN PERFORMING THEIR WORK TO PREVENT DAMAGE TO EXISTING MATERIALS AND SURFACES DURING CONSTRUCTION. ALL DAMAGE TO BE REPAIRED BY THE INDIVIDUAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR WILL CLEAN UP PAINT OVERSPRAY, DRIPS ETC.
- ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH, (U.O.N.). DO NOT SCALE FROM DRAWINGS. FIGURED DIMENSIONS GOVERN OVER NOMINAL DIMENSIONS.
- ALL HEIGHTS ARE DIMENSIONED FROM FINISHED FLOOR, (U.O.N.).
- "TYPICAL" OR "TYP." SHALL INDICATE STANDARD FOR OTHER LIKE CONDITIONS THROUGHOUT THE WORK.
- "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITIONS NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN AND/OR ELEVATIONS.
- ALL WORK IS TO BE DONE IN SUCH A WAY AS NOT TO DISRUPT THE BUILDING'S NORMAL BUSINESS OPERATIONS. DISRUPTIVE WORK IS TO BE COORDINATED WITH THE OWNER AND/OR THE OWNER.
- ALL MATERIALS ARE TO BE NEW, UNUSED, AND OF THE HIGHEST QUALITY. ALL WORK SHALL BE PERFORMED IN A THOROUGH, PROFESSIONAL MANNER. ALL WORK TO BE EQUAL TO THE BEST STANDARDS OF PRACTICE.
- MATERIALS ARE SPECIFIED BY BRAND NAMES TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE. ANY REQUEST FOR SUBSTITUTION SHALL BE SUBMITTED FOR REVIEW TO THE ARCHITECT. MATERIALS SHALL NOT BE PURCHASED OR INSTALLED WITHOUT THE ARCHITECT'S WRITTEN APPROVAL.
- NO WORK DEFECTIVE IN CONSTRUCTION OR QUALITY OR DEFICIENT IN ANY REQUIREMENTS OF THE CONTRACT DOCUMENTS WILL BE ACCEPTABLE DESPITE THE ARCHITECT'S FAILURE TO DISCOVER SUCH DEFECTS. ALL DEFECTIVE WORK DISCOVERED WITHIN THE TIME REQUIRED BY GUARANTEES SHALL BE REPLACED BY WORK CONFORMING WITH THE INTENT OF THE CONTRACT. NO PAYMENT EITHER PARTIAL OR FINAL SHALL BE CONSIDERED AS AN ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER MATERIALS.
- IT IS INTENDED THAT THE CONTRACTOR PROVIDE A COMPLETE JOB AND ANY OMISSIONS IN THESE NOTES OR IN THE OUTLINE OF WORK SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR OF SUCH RESPONSIBILITIES IMPLIED BY THE SCOPE OF THEIR WORK EXCEPT FOR ITEMS SPECIFICALLY NOTED.
- SHOULD ANY PORTION OF THE CONTRACT DOCUMENTS PROVE TO BE UNENFORCEABLE, SUCH UNENFORCEABILITY SHALL NOT EXTEND TO THE REMAINDER OF THE CONTRACT NOR SHALL IT VOID ANY OTHER PROVISIONS OF THE CONTRACT.
- THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK REQUIRING ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE. FAILURE TO OBTAIN AUTHORIZATION SHALL INVALIDATE ANY CLAIM FOR EXTRA COMPENSATION.
- UPON COMPLETION OF THE WORK OR SHORTLY BEFORE, OWNER'S REPRESENTATIVE SHALL PREPARE A "PUNCH LIST" IN WALK-THROUGHS WITH THE CONTRACTOR. FINAL PAYMENT WILL BE CONTINGENT UPON THE COMPLETION OF THESE ITEMS TO BE CORRECTED, COMPLETED OR UNSATISFACTORILY COMPLETED FOLLOWING FINAL PAYMENT SHALL NOT NEGATE NOR DIMINISH THE CONTRACTOR'S RESPONSIBILITY TO COMPLETE OR REPAIR THESE ITEMS AS SOON AS POSSIBLE.
- THE CONTRACTOR AND ITS SUBCONTRACTORS SHALL PURCHASE AND MAINTAIN CERTIFICATIONS OF INSURANCE WITH RESPECT TO WORKER'S COMPENSATION, PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE LIMITS AS REQUIRED BY THE BUILDING OWNER AND OR LAW WHICHEVER IS MOST STRINGENT. THE CONTRACTOR SHALL BE RESPONSIBLE OF INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK.
- CONTRACTOR SHALL, AT ALL TIMES DURING THE COURSE OF THE WORK, KEEP THE CONSTRUCTION AREA, THE OWNER'S PREMISES, INCLUDING STREETS AND OTHER AREAS USED BY THE CONTRACTOR, CLEAN AND FREE FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH. CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AS REQUIRED. AT THE COMPLETION OF THE WORK, REMOVE FROM THE BUILDING AND THE PREMISES ALL SURPLUS MATERIALS AND DEBRIS, AND CLEAN THE SITE THOROUGHLY TO THE SATISFACTION OF THE OWNER.
- FACILITIES HANDLING, STORING, SELLING, AND USING HAZARDOUS, COMBUSTIBLE, OR FLAMMABLE MATERIALS SHALL COMPLY WITH THE APPLICABLE SECTIONS OF THE CALIFORNIA FIRE CODE.
- THE ARCHITECT IS NOT RESPONSIBLE FOR ANY WORK RELATED TO THE IDENTIFYING AND REMOVAL OF HAZARDOUS MATERIALS FROM THE PROJECT SITE. ANY DRAWING OR INFORMATION RELATING TO HAZARDOUS MATERIALS INCLUDED IN THIS DRAWING SET IS FOR REFERENCE PURPOSES ONLY. IN THE EVENT THAT HAZARDOUS MATERIALS ARE SUSPECTED OR DISCOVERED DURING THE WORK, THE CONTRACTOR WILL STOP WORK IN THE AREA, NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE, AND NOT RESUME WORK UNTIL INSTRUCTED TO DO SO.
- EXISTING CONSTRUCTION INFORMATION SHOWN ON THE DRAWINGS WAS OBTAINED FROM THE OWNER'S ORIGINAL CONSTRUCTION AS-BUILT DRAWINGS. THESE ORIGINAL CONSTRUCTION DRAWINGS ARE AVAILABLE AT THE ARCHITECT'S OFFICE FOR REVIEW. THE ORIGINAL CONSTRUCTION DRAWINGS ARE NOT A PART OF THE CONSTRUCTION DOCUMENTS AND DO NOT WARRANT EXISTING CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ALL EXCEPTIONS BEFORE PROCEEDING WITH THE WORK.
- PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, UTILITIES AND OTHER SERVICES AND RELATED TASKS NECESSARY FOR THE EXECUTION OF THE CONSTRUCTION AS REQUIRED BY THE CONTRACT DOCUMENTS.
- INCIDENTAL WORK IS PART OF THIS CONTRACT. INCIDENTAL WORK SHALL BE DEFINED AS WORK NOT SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS THAT MAY BE NECESSARY TO MATCH THE WORK TO EXISTING ELEMENTS.
- DISCOVERY OF DETERIORATING AND NON-CONFORMING CONDITIONS WILL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. CORRECTIVE WORK WILL BE PERFORMED AS DIRECTED BY THE ARCHITECT AND APPROVED BY THE DISTRICT.
- GENERAL NOTES SHALL APPLY TO THE ENTIRE WORK UNDER THIS CONTRACT.
- SHEET NOTES APPLY TO THE DRAWING SHEET ON WHICH THEY OCCUR. IN CONFLICTS BETWEEN THE SHEET NOTES AND THE GENERAL NOTES, SHEET NOTES SHALL GOVERN. KEY NOTES REFER DRAWN ITEMS TO THE SPECIFICATIONS.
- IN THE EVENT THAT THERE IS DISCREPANCIES BETWEEN THE DRAWINGS AND SPECIFICATIONS, OR WITHIN THE SPECIFICATIONS, THE MOST EXPENSIVE MATERIAL AND/OR INSTALLATION SHALL BE THE BASIS OF THE BID, AND THEREFORE SHALL SUPERCEDE ANY INFERIOR MATERIAL IN TERMS OF QUALITY OR MONETARY VALUE.
- FASTENING AND NAILING OF WOOD MEMBERS SHALL BE IN ACCORDANCE WITH THE NAILING SCHEDULE FOUND IN CALIFORNIA BUILDING CODE (CBC) SECTION 2304.10.2.
- ALL CONSTRUCTION WORK: ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC. SHALL BE CARRIED OUT IN ACCORDANCE WITH ALL CODES, RULES, AND REGULATIONS GOVERNING CONSTRUCTION AND THE USE OF FACILITIES AS SET BY FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES.
- CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK AS REQUIRED TO PREPARE THE SPACE FOR NEW CONSTRUCTION. DEMOLITION SHALL BE PERFORMED IN A SAFE, ORDERLY MANNER WITHOUT DAMAGE TO OTHER PARTS OF THE PREMISES AND ADJACENT PROPERTIES. ANY RESULTING DAMAGE OR LOSS SHALL BE CORRECTED REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER. ALL DEMOLISHED/REMOVED ITEMS SHALL BE DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER. VERIFY WITH THE OWNER ON ITEMS TO BE SAVED AND STORED. ALL REMOVED ITEMS TO BE SAVED FOR REUSE SHALL BE HANDLED WITH CARE. CUT ALL DEMOLITION TO A STRAIGHT LINE AT EXISTING CONDITION. PROTRUDING OBJECTS ON ALL SURFACES SHALL BE REMOVED, AND THE AREA FILLED AND REPAIRED.
- COORDINATION:
 - THE CONTRACTOR SHALL COORDINATE LAYOUT DIMENSIONS INDICATED ON THE CONSULTANT'S DRAWINGS WITH THOSE INDICATED ON THE ARCHITECTURAL DRAWINGS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING THE WORK.
 - IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, INCLUDING ELECTRICAL, MECHANICAL, TELEPHONE, SECURITY REQUIREMENTS, AND ETC. BEFORE CONSTRUCTION BEGINS.
 - THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF ALL LIGHTS, AIR OUTLET AND INLET REGISTERS, SMOKE DETECTORS, ET. AL., BEFORE CONSTRUCTION BEGINS. USE HAND TOOLS TO REMOVE SOIL, PAVING AND OTHER CONSTRUCTION WITHIN 15 INCHES OF EXISTING BUILDING.
- CLEAN SURFACES REMAINING EXPOSED AFTER DEMOLITION WORK TO MATCH EXISTING ADJACENT SURFACES OR PREPARE FOR NEW WORK.
- THE INFORMATION SHOWN ON THE ABOVE-MENTIONED SHEETS HAS BEEN COMPILED FROM VARIOUS SOURCES AND MAY NOT BE REFLECTIVE OF THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION THE CONTRACTOR IS REQUIRED TO MAKE ALL NECESSARY INVESTIGATIONS TO BECOME FAMILIAR WITH THE FACILITY PRIOR TO BID SUBMISSION. UNFAMILIARITY WITH THE SITE CONDITIONS WILL NOT BE ACCEPTED AS A BASIS FOR ADDITIONAL CONTRACTOR COMPENSATION.
- DISCREPANCIES NOTED BY THE CONTRACTOR IN THE DRAWINGS OR SPECIFICATIONS MUST BE BROUGHT TO THE DISTRICT'S ATTENTION PRIOR TO BID SUBMISSION.
- ALL COMPONENTS NOTED ON THE DETAIL DRAWINGS ARE TO BE NEW AND PROVIDED WITHIN THIS CONTRACT UNLESS SPECIFICALLY IDENTIFIED AS EXISTING.
- WORK PERFORMED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
- FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION WILL BE ENFORCED IN ACCORDANCE WITH CBC CHAPTER 33 AND CFC CHAPTER 33.
- ALL SURFACES OF NEW CONSTRUCTION SHOULD BE PAINTED OR APPLIED FINISH MATERIALS PER DESIGN DOCUMENT OR ARCHITECT'S INSTRUCTION, UON.
- THE CONTRACTOR SHALL VERIFY SITE CONDITION AND FEASIBILITY OF INSTALLATION BEFORE PERCUING PRODUCTS. SUBMITTALS ARE REQUIRED FOR THE DOOR AND GATES.
- CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECT (DSA), AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR.
- A "DSA CERTIFIED" PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR.
- A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CCR. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH ARE NOT COVERED BY THE CONTRACT DOCUMENTS, WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CCR, A CONSTRUCTION CHANGE DOCUMENT (CCD) OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. (SECTION 4-317(C), PART 1, TITLE 24, CCR).
- GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS, AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

CODES & REGULATIONS

USE THE FOLLOWING CODES AND REGULATIONS WITH THE LATEST AMENDMENTS & SUPPLEMENTS:

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
2022 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR VOLUME 1 AND 2
2022 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
2022 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
2022 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR
2022 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
2022 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR
2022 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR
2022 CALIFORNIA GREEN BUILDING CODE (CALGREEN), PART 11, TITLE 24 CCR
2022 CALIFORNIA REFERENCE STANDARDS CODE (CRSC), PART 12, TITLE 24 CCR
TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHALL REGULATIONS

NATIONAL STANDARDS:

NFPA 13 AUTOMATIC SPRINKLER SYSTEMS; 2022 EDITION
NFPA 14 STANDPIPE SYSTEMS; 2019 EDITION
NFPA 24 PRIVATE FIRE MAINS; 2019 EDITION
NFPA 25 PROTECTION SYSTEMS; 2020 EDITION
NFPA 72 NATIONAL FIRE ALARM CODE; 2022 EDITION
NFPA 110 EMERGENCY AND STANDBY POWER SYSTEMS; 2019 EDITION

DEFERRED SUBMITTAL: NONE

PROJECT SUMMARY

SCOPE OF WORK INCLUDES BUT NOT LIMITED TO:

- PREP SITE FOR INSTALLATION OF NEW WALK-IN COOLER AND FREEZER.
- INSTALLATION OF CHAIN LINK FENCE / GATES ENCLOSURE AROUND COOLER AND FREEZER

ABBREVIATIONS

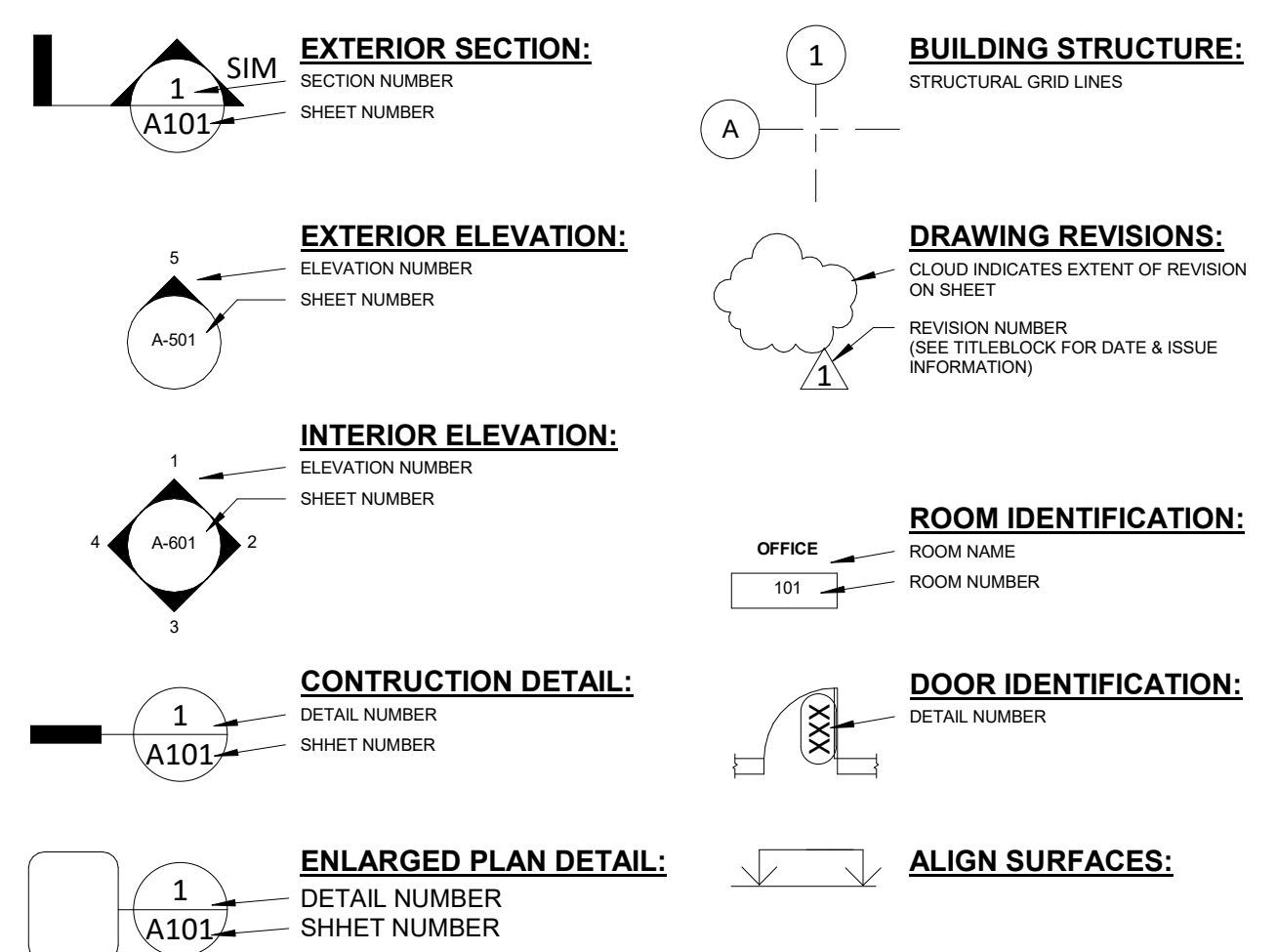
&	AND	E.J.	EXPANSION JOINT	N.I.C.	NOT IN CONTRACT
<	ANGLE	ELEC	ELECTRICAL	N.T.S.	NOT TO SCALE
@	AT	EMER	EMERGENCY	O.C.	ON CENTER
¢	CENTERLINE	ENCL	ENCLOSURE	O.D.	OUTSIDE DIAMETER
#	NUMBER	EQ	EQUAL	OPNG	OPENING
(E)	EXISTING	EQPT	EQUIPMENT	OPP	OPPOSITE
(N)	NEED	EXPO	EXPOSED	PLYWD	PLYWOOD
AC	ASPHALT CONCRETE	EXP	EXPANSION	PR	PAIR
ACCS.	ACCESSIBLE	EXT	(E) EXTERIOR	R	RISER
ACP	ACOUSTIC CEILING PANEL	F.A.	FIRE ALARM	RAD	RADIUS
ADJ.	ADJUSTABLE	F.E.	FIRE EXTINGUISHER	R.D.	ROOF DRAIN
A.F.F.	ABOVE FINISH FLOOR	F.E.C.	FIRE EXTINGUISHER CABINET	REF	REFERENCE
AL	ALUMINUM	F.F.	FACTORY FINISH	REINF	REINFORCED
APPROX.	APPROXIMATE	FH	FIRE HYDRANT	REQ	REQUIRED
ARCH.	ARCHITECTURAL	FLASH	FLASHING	RM	ROOM
BD	BOARD	FLUOR	FLUORESCENT	RR	RESTROOM
BLDG.	BUILDING	F.O.C.	FACE OF CONCRETE	RWD	REDWOOD
BLK.	BLOCKING	F.O.F.	FACE OF FINISH	SAD	RAIN WATER LEADER
BM	BENCHMARK	F.O.S.	FACE OF STUDS	SSD	SEE STRUCTURAL DRAWINGS
BOT.	BOTTOM	FRF	FIREPROOF	SED	SEE ELECTRICAL DRAWINGS
CBC	CALIFORNIA BUILDING CODE	F.S.	FULL SIZE	SCD	SEE CIVIL DRAWINGS
CEM	CEMENT	FT	FOOT OR FEET	SSD	SEE STRUCTURAL DRAWINGS
C.L.	CHAIN LINK	FTG	FOOTING	SMD	SEE MECHANICAL DRAWINGS
CLR	CLEAR	GA	Gauge	SPD	SEE PLUMBING DRAWINGS
COL	COLUMN	GAUV	GALVANIZED	SHT	SHEET
CONC	CONCRETE	G.B.	GRAB BAR	S.C.	SHEET METAL
CONN	CONNECTION	GL	GLASS	STR	STRUCTURAL
CONT	CONTINUOUS	GND	GROUND	TRD	TREAD
CORR	CORRIDOR	GYP	GYPSUM	TOC	TOP OF CURB
CTR	CENTER	H.B.	HARDWOOD	T&G	TONGUE & GROOVE
DBL	DOUBLE	HDWR	HARDWARE	THK	THICK
DEPT	DEPARTMENT	HORIZ	HORIZONTAL	TYP.	TYPICAL
DF	DOWN	HM	HOLLOW METAL	UNF	UNFINISHED
DET	DETAIL	HR	HOUR	U.O.N.	UNLESS OTHERWISE NOTED
DIA	DIAMETER	MAX	MAXIMUM	VERT	VERTICAL
DM	DIMENSION	MEMB	MEMBRANE	VIF	VERIFY IN FIELD
DN	DOWN	MTL	METAL	W/	WITH
DR	DOOR	MANUF.	MANUFACTURER	WD	WOOD
DS	DOWNSPOUT	MIN	MINIMUM	W/O	WITHOUT
DWG	DRAWING	MISC	MISCELLANEOUS	WP	WATERPROOF
EA	EACH	MTD	MOUNTED		

VICINITY MAP

PROJECT LOCATION



SYMBOLS



PROJECT TEAM

CLIENT
CUPERTINO UNION SCHOOL DISTRICT (CUSD)
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MECHANICAL & PLUMBING
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OUTDOOR COOLER
EDWARD DON & COMPANY
CONTACT: BILL MORITZ, CONTRACT SALES
1598 CLEVELAND AVE.
SANTA ROSA, CA 95401
TEL: 707.755.3048
EMAIL: WilliamMoritz@don.com

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MANUFACTURER	
QS-1	KENNEDY MS CUPERTINO USD - OUTDOOR FREEZER - PLANS
QS-2	KENNEDY MS CUPERTINO USD - OUTDOOR FREEZER - DETAILS
Total Sheets:	17

STATEMENT OF GENERAL CONFORMANCE

THE DRAWING SHEETS LISTED IN THE SHEET INDEX OTHER THAN THE G AND A SHEETS HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THE STATE OF CALIFORNIA. I HAVE EXAMINED THE DRAWINGS FOR:

- DESIGN INTENT AND THEY APPEAR TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY MYSELF, AND
- COORDINATION WITH MY PLANS AND SPECIFICATION, AND ARE ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT.

THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341, 4-344 OF TITLE 24, PART 1 [PER TITLE 24, PART 1, SECTION 4-317 (B)]

Eugene H. Sim
SIGNATURE OF ARCHITECT
EUGENE H. SIM, AIA
ARCHITECT DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE

11/26/2024

DATE

C-26432
LICENSE NUMBER

05/31/2025

EXPIRATION DATE

Approvals



CUPERTINO UNION
SCHOOL DISTRICT

10301 Vista Drive
Cupertino, CA 95014
(408) 252-3000

School Name and Address

KENNEDY MIDDLE SCHOOL
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95014

Architect



Engineer

Architect



Architecture Planning Interiors

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Consultants

Project Name

COOLER & FREEZER
INSTALLATION

PRELIMINARY PHASE 02/08/2024

No.	Date	Revisions
1	7/15/24	DEH SUBMITTAL
A1	02/19/2025	Addendum 001

THIS SHEET IS PART OF A COMPLETE DOCUMENT SET. IT SHALL BE USED IN CONJUNCTION WITH THE COMPLETE SET AND NOT AS AN INDIVIDUAL SHEET.

DRAWING TITLE

COVER SHEET

SHEET NO.

JOB NO.

G0.0

ADDENDUM 001

DATE

09/18/2024

DSA APPL #

01-121662

DRAFTER

JD

CHECKED BY

JD

PROJECT NO.

237

LEGEND

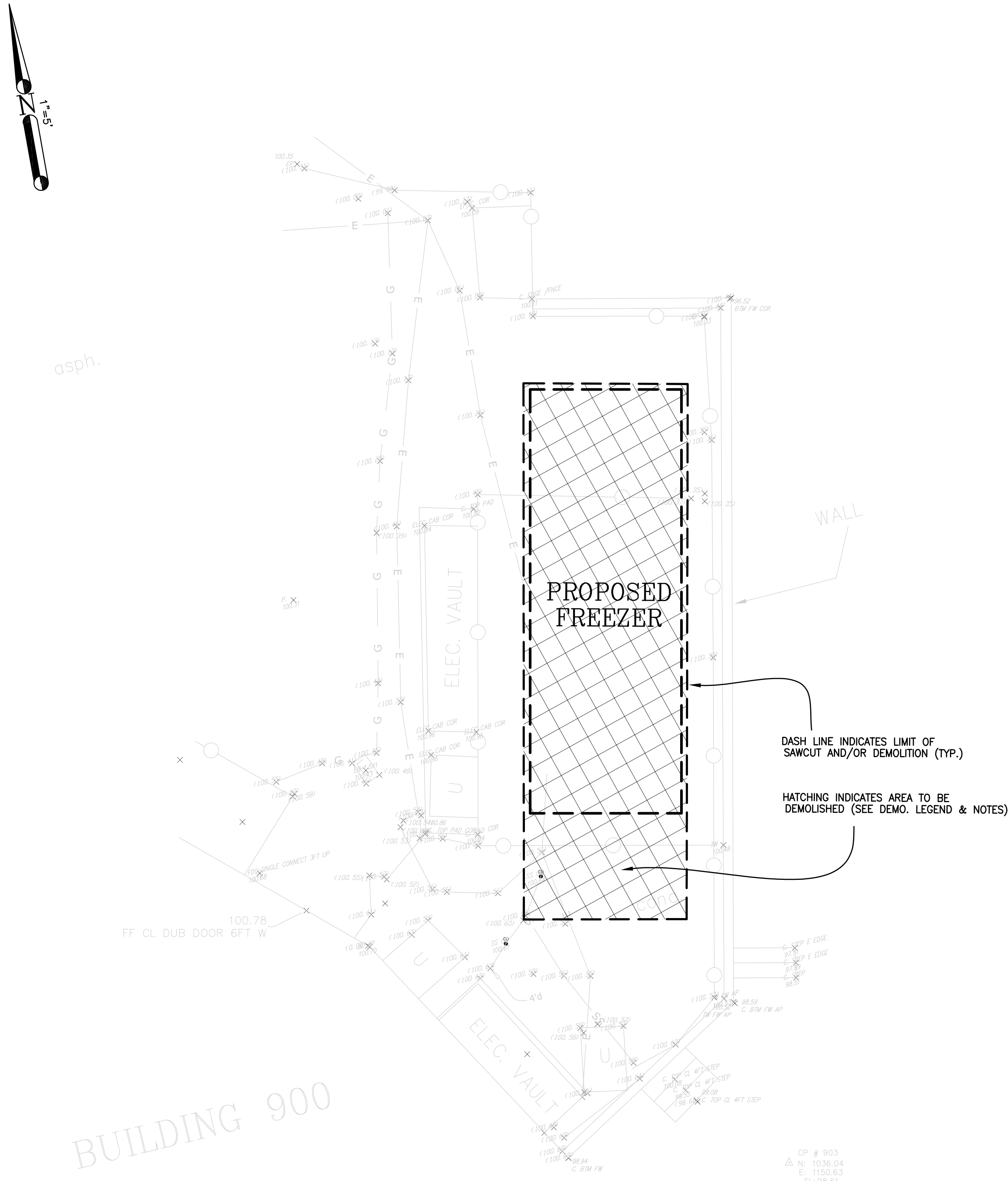
---	PROPERTY LINE
---	STREET CENTERLINE
---	EASEMENT LINE
---	CONCRETE CURB
---	CURB & GUTTER
---	EDGE OF PAVEMENT
X X	FENCE
SD	STORM DRAIN
SS	SANITARY SEWER
W	WATER LINE
TV	CABLE TELEVISION
T	TELEPHONE
JT	JOINT TRENCH (ELEC, TEL, GAS & CATV)
FS	FIRE SERVICE
E	ELECTRIC LINE
G	GAS LINE
OH	OVERHEAD POWER
C	COMMUNICATION
11.5	CONTOUR LINE
EB	ELECTRICAL BOX
CO	CLEAN OUT TO GRADE
PB	PULL BOX
GV	GAS VALVE
MD	STORM DRAIN MANHOLE
MS	SANITARY SEWER MAHOLE
AD	AREA DRAIN
CB	CATCH BASIN
HB	HOSE BIB
IB	IRRIGATION BOX
WB	WATER BOX
WM	WATER METER
FH	FIRE HYDRANT
LP	LIGHT POLE
WV	WATER VALVE
SE	SPOT ELEVATION
8"	TREE W/ SIZE
18"	TREE W/ SIZE & DRIPLINE
●	FOUND STANDARD CITY MONUMENT

DEMOLITION NOTES:

1. FOR WATER, SANITARY SEWER, & STORM DRAIN UTILITY DEMOLITION & RELOCATION PLAN SEE UTILITY PLAN.
2. CONFIRM ACTUAL LIMITS OF SURFACE DEMOLITION WITH LANDSCAPE, PAVING, GRADING, AND UNDERGROUND UTILITY PLANS.
3. TREE REMOVAL/PROTECTION IS NOT INCLUDED IN THE SCOPE OF WORK SHOWN ON THIS DRAWING.
4. WHEN EXISTING WALKS ARE PARTIALLY DEMOLISHED, SAWCUT PAVEMENT PERPENDICULAR TO THE DIRECTION OF THE WALK.
5. DEMOLITION OF BUILDING EXTERIOR AND INTERIOR IS NOT INCLUDED IN THE SCOPE OF WORK SHOWN ON THIS DRAWING.
6. SCOPE OF WORK SHOWN ON THIS DRAWING DOESN'T INCLUDE DEMOLITION OF EXISTING ELECTRICAL AND TELECOM CONDUITS AND EQUIPMENT.
7. ANY OTHER SURFACE, OR SUBSURFACE, IMPROVEMENTS WHICH MUST BE REMOVED IN ORDER TO COMPLETE THE WORK SHOWN ON THESE PLANS SHALL BE INCLUDED AS PART OF SITE DEMOLITION AT NO ADDITIONAL COST TO THE OWNER, REGARDLESS OF WHETHER OR NOT SUCH REMOVAL IS SHOWN ON THIS PLAN.
8. MAXIMUM LIMITS OF EXCAVATION SHOWN ARE APPROXIMATE DUE TO THE PHASING OF THE PROJECT. THE CONTRACTOR MAY REDUCE THE LIMITS OF DEMOLITION RELATIVE TO THE PHASE OF THE PROJECT BEING EXECUTED.
9. THE OWNER MAY WISH TO SALVAGE EXISTING ITEMS WITHIN THE DEMOLITION AREA. CONTRACTOR TO COORDINATE WITH OWNER PRIOR TO BEGINNING DEMOLITION AND STORE THE ITEMS IN A SAFE AREA AS DIRECTED BY THE OWNER.
10. EXACT LIMITS OF DEMOLITION IS SUBJECT TO ADJUSTMENT BY THE CONTRACTOR AS THEY EXECUTE INTERIM CONDITIONS ON THE PROJECT. CONTRACTOR TO COORDINATE ACCESS POINTS, CIRCULATION AND PERIMETER CONDITIONS WITH SCHOOL DISTRICT AND CM.
11. CONTRACTOR IS RESPONSIBLE FOR PRESERVING & PROTECTING ALL SURVEY CONTROL POINTS. A LICENSED LAND SURVEYOR SHALL REPAIR AND OR REPLACE ANY SURVEY CONTROL POINTS THAT ARE DISPLACED OR DAMAGED.
12. CONSTRUCTION WASTE MANAGEMENT: RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 50 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH CALGREEN STANDARDS; OR MEET A LOCAL CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT ORDINANCE, WHICHEVER IS MORE STRINGENT.

DEMOLITION LEGEND

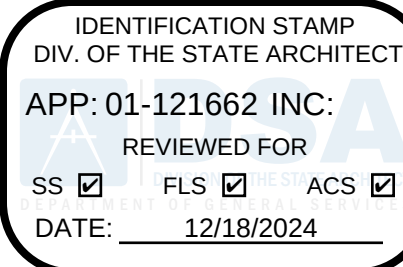
X	REMOVE ITEM
---	LIMIT OF DEMOLITION/SAWCUT
▨	REMOVE ALL (E) SURFACE IMPROVEMENTS INCLUDING SITE PAVEMENT, CONC. CURBS, SIDEWALKS, VEGETATION, PARKING LOT LIGHTING, LIGHTPOLE BASES, FENCING, BOLLARDS & WHEEL STOPS. U.N.O. REGRADE AS NECESSARY TO REPLACE WITH NEW PAVEMENT PER GRADING & PAVING PLAN



SURVEY NOTES:

1. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON WERE TAKEN FROM INFORMATION BY A SITE UTILITY LOCATOR & RECORD DATA. NO GUARANTEE IS MADE OR IMPLIED AS TO THE ACCURACY OF SUCH INFORMATION. NO EXCAVATIONS WERE MADE TO CONFIRM LOCATIONS. CONTRACTORS ARE CAUTIONED TO CONTACT U.S.A. UNDERGROUND AND TO EXERCISE EXTREME CARE IN VERIFYING ALL LOCATIONS PRIOR TO COMMENCING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
2. IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TO TRENCH. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
3. TREE SPECIES SHOWN HEREON WERE TAKEN FROM INTERPRETATION BY THE SURVEYOR AND NOT A QUALIFIED ARBORIST. NO GUARANTEE IS MADE OR IMPLIED TO THE ACCURACY OF THE SPECIES IDENTIFICATION.

Approvals



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(408) 252-3000

School Name and Address

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821 BUBB RD., CUPERTINO, CA
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Architect

Engineer



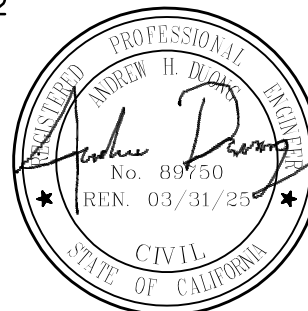
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3675 Mt. Diablo Blvd., Suite 310
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4750 Almaden Expy., Suite 124-283
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Tel. (408) 241-5494

BRIO JOB NO.: CUSD2417



Project Name

COOLER & FREEZER
INSTALLATION

PRELIMINARY PHASE 02/08/2024

No.	Date	Revisions

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DRAWING TITLE

DEMOLITION
PLAN

SHEET NO.

JOB NO.

C-0

DATE

DRAFTER

CHECKED BY

Author

Checker

DSA APPL.#

PROJECT NO.

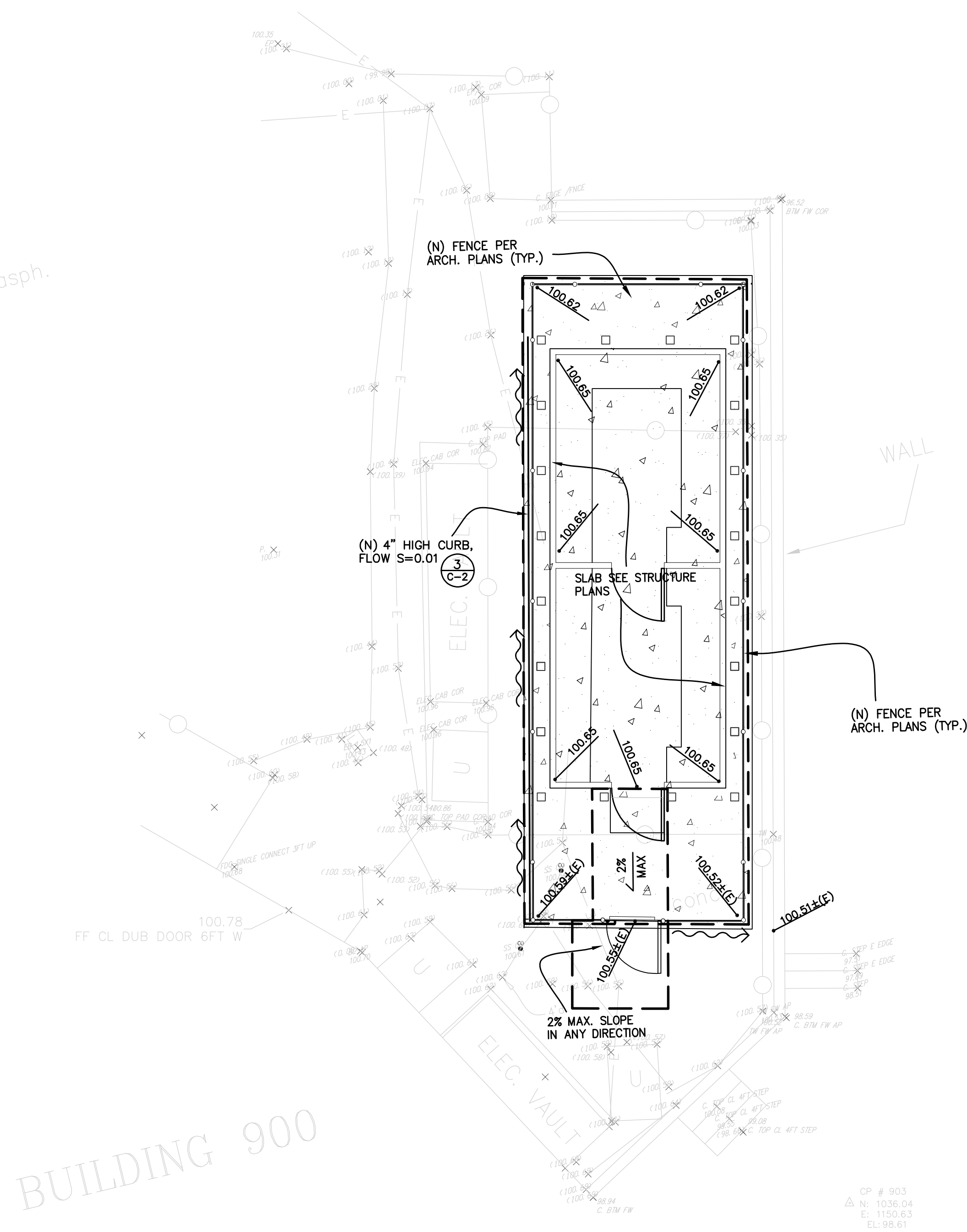
01-121662

- SEE ARCHITECT, ELECTRICAL, MECHANICAL PLANS FOR (E) POWER, GAS, COMMUNICATION, OR DRY UTILITY DEMOLITION & RELOCATION

1. UNDERGROUND UTILITY LOCATIONS SHOWN HEREON WERE TAKEN FROM RECORD DATA. NO GUARANTEE IS MADE OR IMPLIED AS TO THE ACCURACY OF THE RECORD DATA. NO EXCAVATIONS WERE MADE TO CONFIRM LOCATIONS. CONTRACTORS SHALL CONTACT U.S.A. UNDERGROUND (1-800-227-2600) AND TO EXERCISE EXTREME CARE IN THE FIELD LOCATING EXISTING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
2. IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TRENCHING. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
3. ALL FINISH GRADES SHOWN ARE TOP OF PAVEMENT NOT TOP OF CURB UNLESS NOTED OTHERWISE. TOP OF CURB ELEVATION IS 6" ABOVE TOP OF PAVEMENT UNLESS NOTED OTHERWISE.
4. GRADING CONFORM LINE AND MATCH POINTS [EXAMPLE:(39.054)(E)] TO EXISTING CONDITIONS ARE BASED ON ESTIMATED ELEVATIONS FROM AERIAL AND TOPOGRAPHIC SURVEYS. CONTRACTOR SHALL VERIFY ELEVATIONS AT ALL MATCH POINTS BEFORE GRADING TO ENSURE PROPER DRAINAGE AND SLOPES.
5. ALL CATCH BASINS SHALL BE OLDCASTE (12"x12") WITH TRAFFIC WEIGHT GRATES, BOLTED DOWN, WHEN PIPE SIZES ARE 10" OR GREATER USE CATCH BASIN OLDCASTE (24"x24"). UNLESS NOTED OTHERWISE, FOR CATCH BASINS IN WALKWAYS INCLUDING EXISTING CATCH BASINS, USE 1/2" HEP, AOD, AND TRAFFIC WEIGHT GRATE BY OLDCASTE (888) 956-3227 OR APPROVED ALTERNATE.
6. ADJUST ALL (E) UTILITY VALVES, BOX, ETC. INCLUDING NOT SHOWN TO FINISHED GRADE (TYP.)
7. CONTRACTOR IS RESPONSIBLE FOR PRESERVING & PROTECT ALL SURVEY CONTROL POINTS. A LICENSED LAND SURVEYOR SHALL REPAIR AND/OR REPLACE ANY SURVEY CONTROL POINTS THAT ARE DISAPLORED OR DAMAGED.
8. ALL GRADING, EXCAVATION, COMPACTION, AND EXPANSIVE SOIL REMEDIATION SHALL BE OBSERVED BY THE SOIL ENGINEER ON-SITE DURING CONSTRUCTION. CONTRACT SOILS ENGINEER 48 HOURS FIRST TO COMMENCING WORK.

NEW CONCRETE SLAB PER STRUCTURAL SHEET S1.0 OVER 6"
CL. II A.B.; EXPANSION JOINTS @ 24' O.C. AND SCORED @ 4' O.C.
SEE DTL 2/C-2

SEE DTL 1/C-2 WHERE (N) CONC. MEETS (E) CONC. (TYP.)



EXISTING	PROPOSED	DESCRIPTION
		PROPERTY LINE
		SETBACK LINE
	— LOW — LOW —	LIMIT OF WORK
		CENTER LINE
		EXCEPTION
		EASEMENT LINE
		CONCRETE CURB
		CONCRETE CURB & GUTTER
		SAWCUT/CONFORM LINE
		HEADER BOARD
	←	TRAFFIC MARKINGS
	▼	SIGN
	⤵	ACCESSIBLE RAMP
	⤵ F.H.	FIRE HYDRANT
		EDGE OF PAVEMENT
		FENCE
	15"	STORM DRAIN & SIZE
	— PP —	PERFORATED PIPE
	15"	SANITARY SEWER & SIZE
	— W — 2"	DOMESTIC WATER LINE
	— T —	TELEPHONE LINE
	— JT —	JOINT TRENCH (ELEC., TEL., GAS & CATV)
	— FS — 8"	FIRE SERVICE LINE & SIZE
	— E —	ELECTRIC LINE
	— G — 2"	GAS LINE & SIZE
	— C —	COMMUNICATION LINE
		(E) UTILITY TO BE ABANDONED OR REMOVED IF IT IS WITHIN THE NEW BLDG. FOOTPRINT/FOOTING AREA.
		GRADE BREAK
115	115	CONTOUR LINE
	● C.O.T.G.	CLEAN OUT TO GRADE
		CATCH BASIN
		AREA DRAIN
		DRAINAGE ARROW
	● BFP	BACK FLOW PREVENTOR
	▼ P.I.V.	POST INDICATOR VALVE
	< F.D.C.	FIRE DEPT. CONNECTION
	● SSMH	SANITARY SEWER MANHOLE
	● SDMH	STORM DRAIN MANHOLE
	◐	WATER VALVE
		STREET LIGHT
		GUY WIRE
		JUNCTION POLE
TELE		TELEPHONE BOX
		UNKNOWN UTILITY BOX
	P	POWER (ELECTRICAL) BOX
WM	WM	WATER METER
WV		WATER BOX
		VALLEY GUTTER
	50.85	SPOT ELEVATION
		TREE W/SIZE & DRUPLINE
		TREE W/SIZE & NO DRUPLINE



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BRIQ JOB NO.: CUSD2417

COOLER & FREEZER INSTALLATION

PRELIMINARY PHASE 02/08/2024

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GRADING PLAN

	JOB NO.
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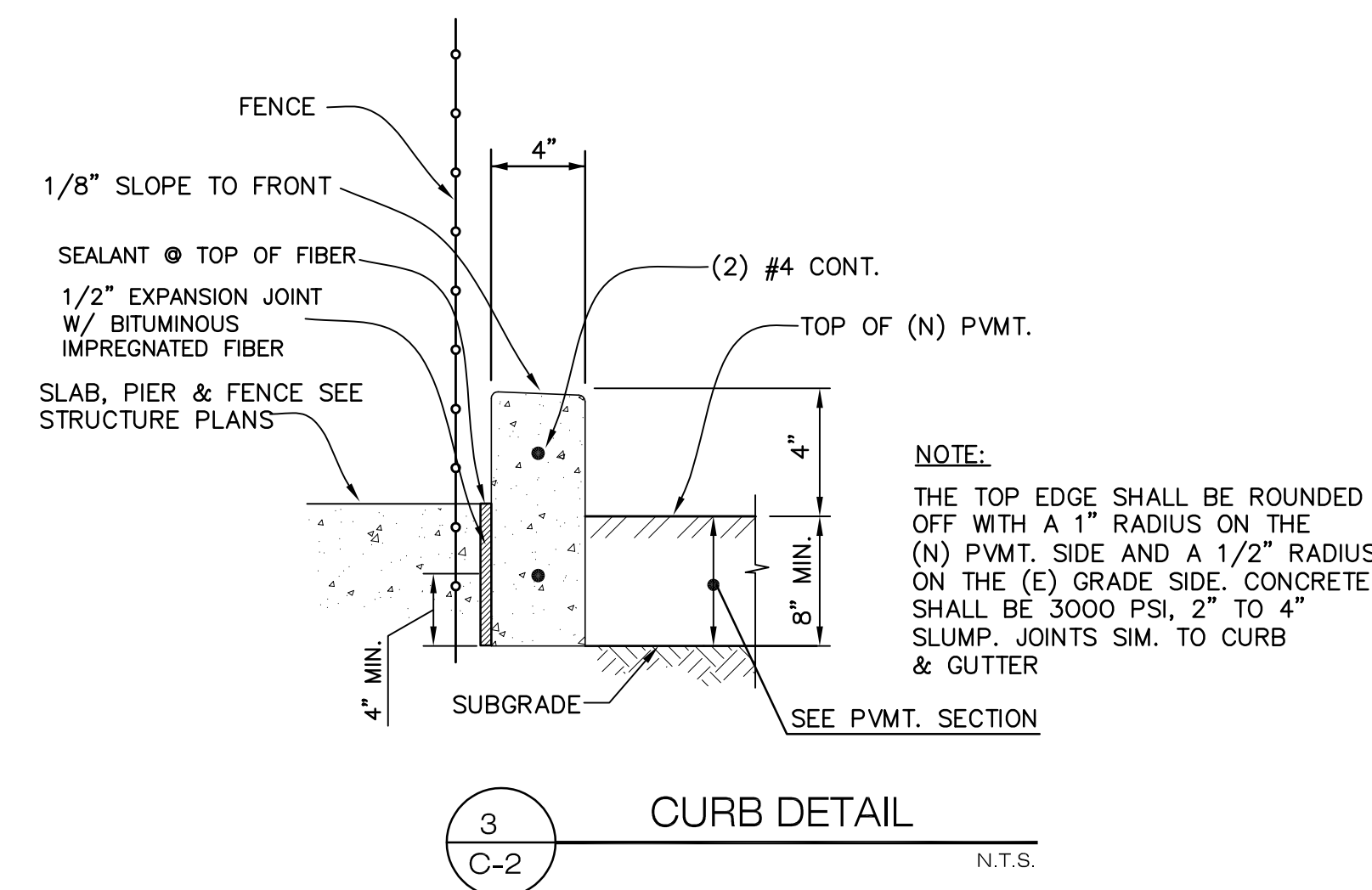
C-1

APPROVED BY  DATE	CHECKED BY  DATE
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Checker

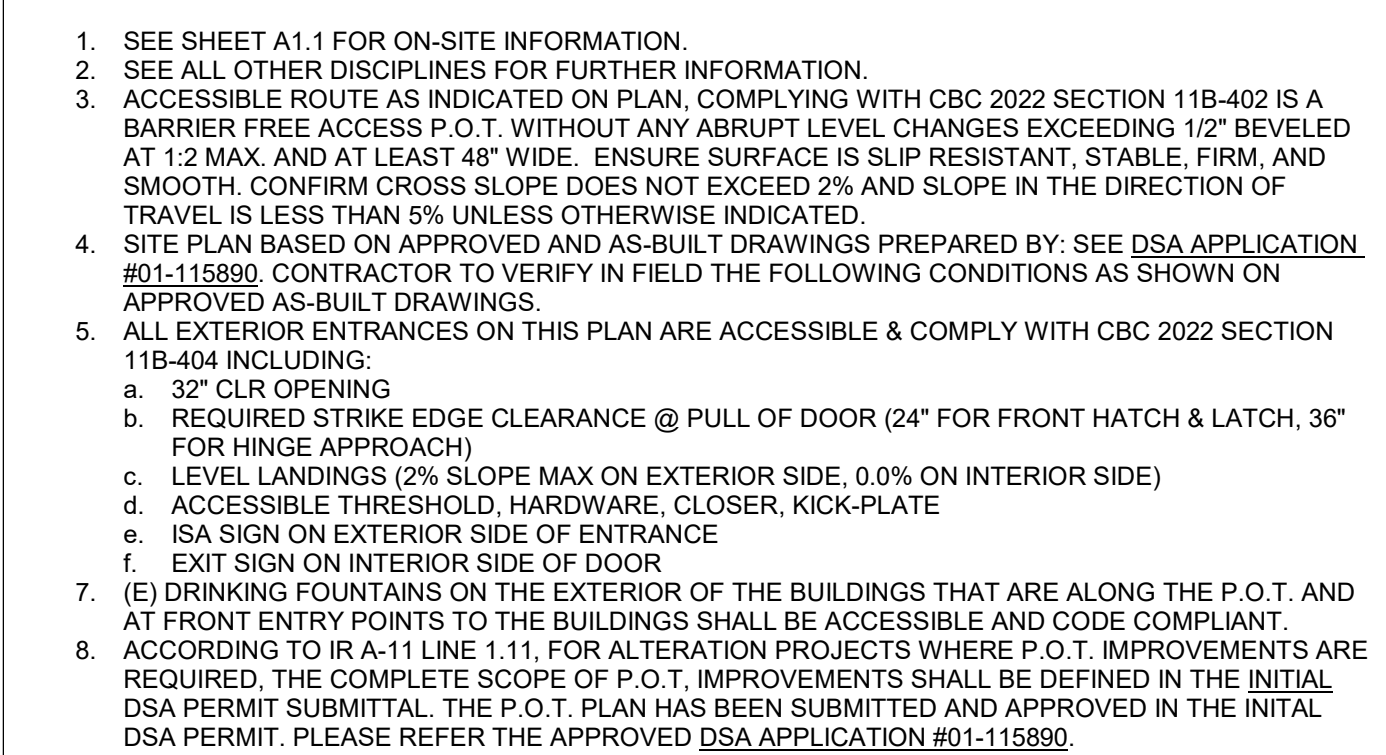
DSA APPL
01-121662

PROJECT NO.	
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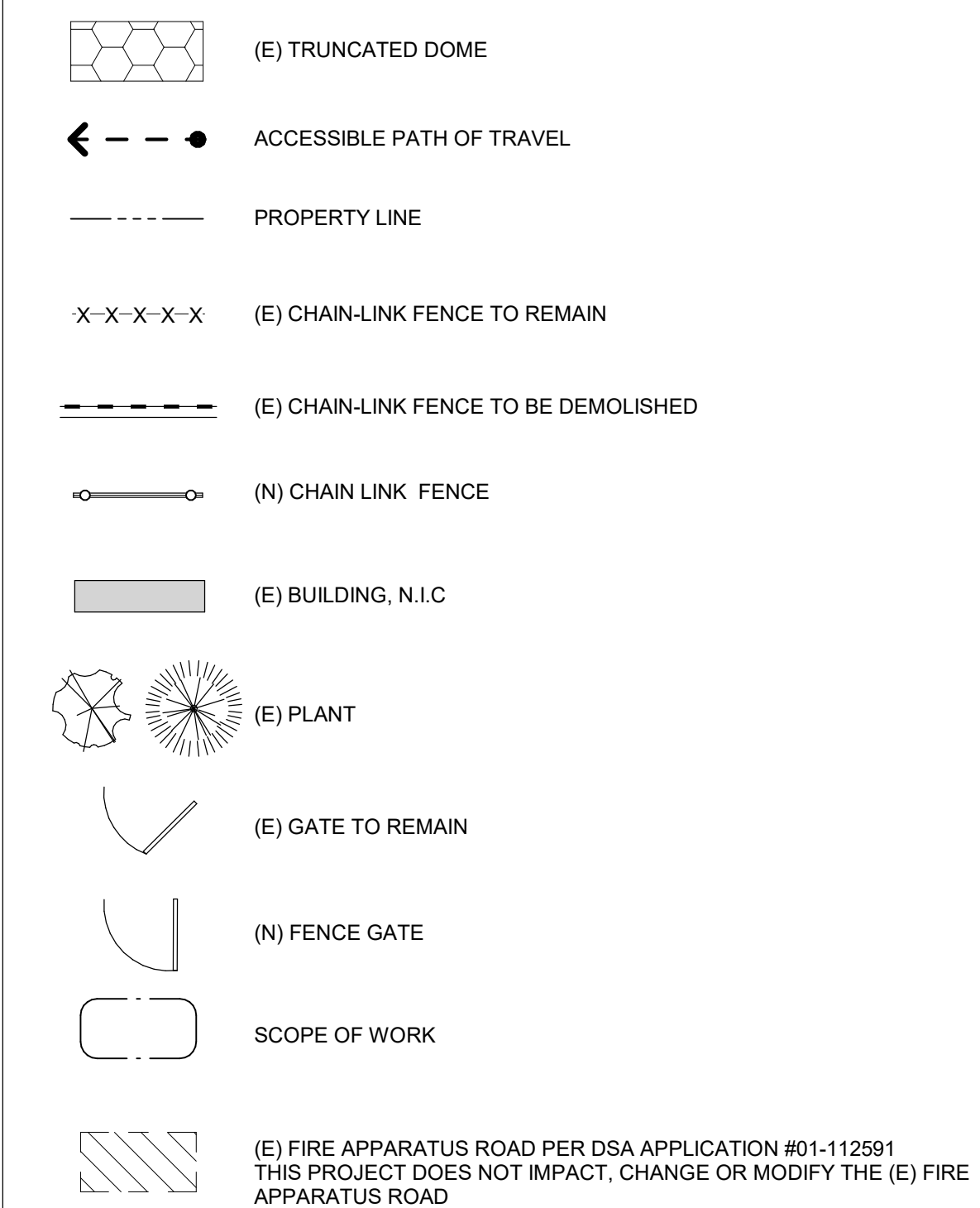
PROJECT NO.

SHEET NOTES



LEGEND

NOTE: NOT ALL LEGENDS ARE USED IN THIS SHEET

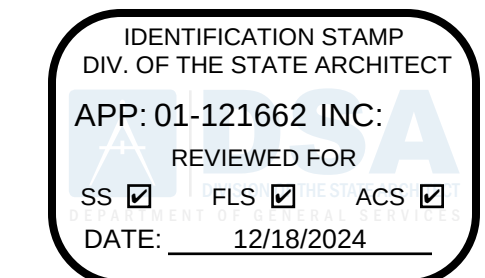


PARKING COUNT

<u>EAST PARKING LOT</u>	
DSA APPL. #01-112591	
STANDARD PARKING	31
VAN ACCESSIBLE PARKING	1
STANDARD ACCESSIBLE PARKING	3
TOTAL PARKING	35
<u>VISITOR PARKING LOT</u>	
DSA APPL. #01-112591	
STANDARD PARKING	13
VAN ACCESSIBLE PARKING	1
STANDARD ACCESSIBLE PARKING	1
TOTAL PARKING	16
<u>NORTH PARKING LOT</u>	
DSA APPL. #01-115612	
STANDARD PARKING	41
VAN ACCESSIBLE PARKING	1
STANDARD ACCESSIBLE PARKING	1
TOTAL PARKING	43

1 | SITE PLAN
1" = 30'-0"

Approvals



CUPERTINO UNION
SCHOOL DISTRICT

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Consultants

Project Name

COOLER & FREEZER INSTALLATION

PRELIMINARY PHASE 02/08/2024

[illegible]

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DRAWING TITLE

SITE PLAN

SHEET NO.

JOB NO.

A0.1

23017-CMS

DATE
01/11/24

DRAFTER	CHECKED BY
Author	Checker

DSA APPL.#
01-121662

PROJECT NO.	237
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SHEET NOTES

1. ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED ON PLAN IS A BARRIER FREE ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". CONTRACTOR SHALL VERIFY THAT THERE ARE NO BARRIERS IN PATH OF TRAVEL.

LEGEND

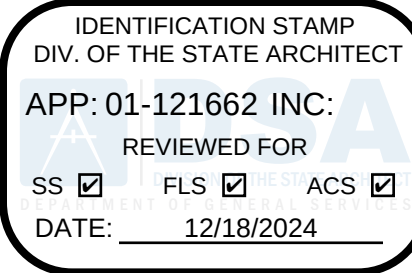
NOTE: NOT ALL LEGENDS ARE USED IN THIS SHEET

- (E) TRUNCATED DOME
- ACCESSIBLE PATH OF TRAVEL
- PROPERTY LINE
- (E) CHAIN-LINK FENCE TO REMAIN
- (E) CHAIN-LINK FENCE TO BE DEMOLISHED
- (N) CHAIN LINK FENCE
- (E) BUILDING, N.I.C.
- (E) PLANT
- (E) GATE TO REMAIN
- (N) FENCE GATE
- SCOPE OF WORK
- (E) FIRE APPARATUS ROAD PER DSA APPLICATION #01-112591
THIS PROJECT DOES NOT IMPACT, CHANGE OR MODIFY THE (E) FIRE APPARATUS ROAD

KEYNOTES

- A101 COOLER, SEE SPEC.
- A111 FREEZER, SEE SPEC

Approvals



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Consultants

Project Name

COOLER & FREEZER
INSTALLATION

PRELIMINARY PHASE 02/08/2024

No.	Date	Revisions
1	7/15/24	DEH SUBMITTAL
2	10/8/2024	DWG v2

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DRAWING TITLE

ACCESSIBILITY SITE PLAN

SHEET NO.

A0.2

JOB NO.

23017-CMS

DATE

01/11/24

DRAFTER

Author

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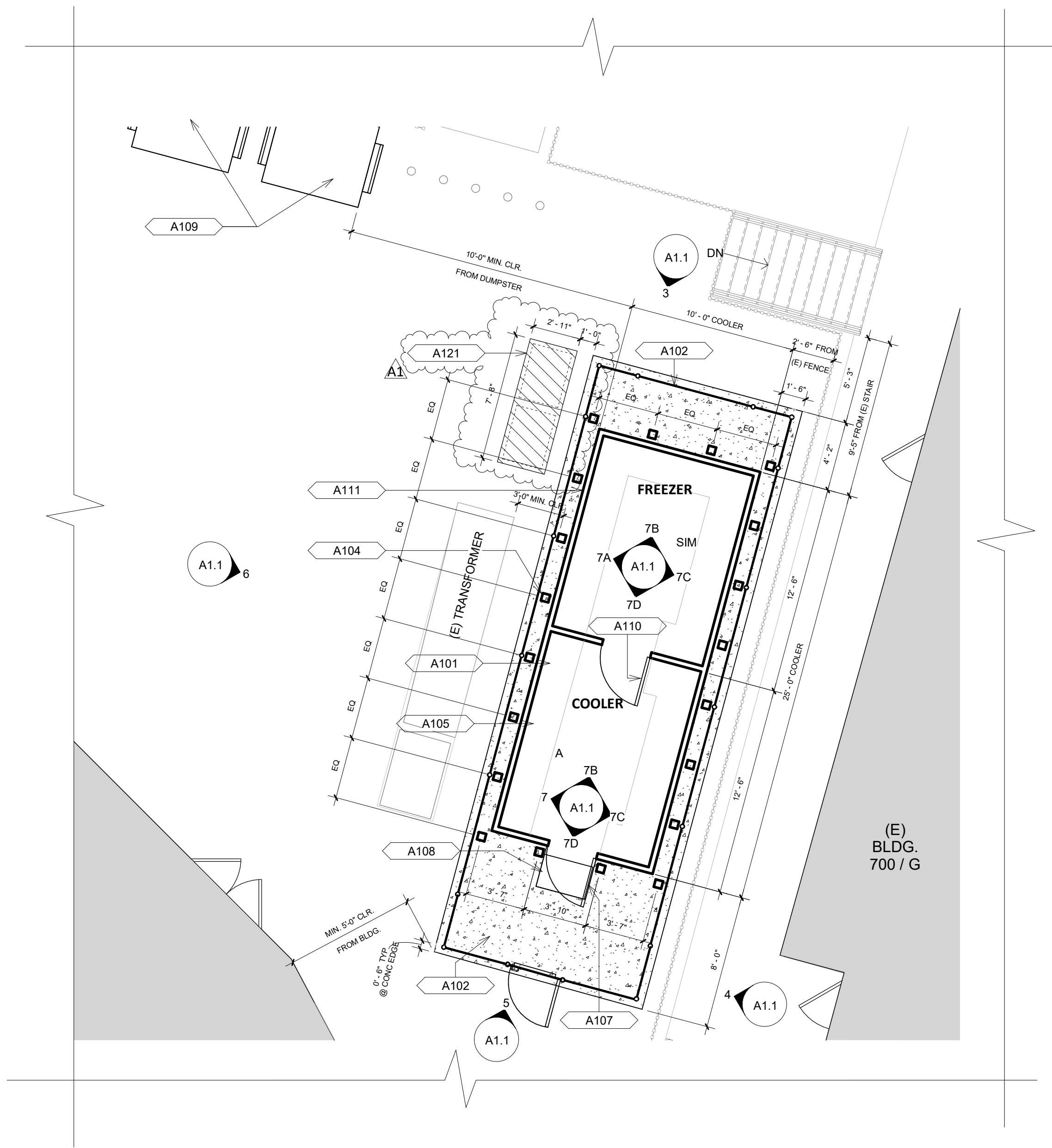
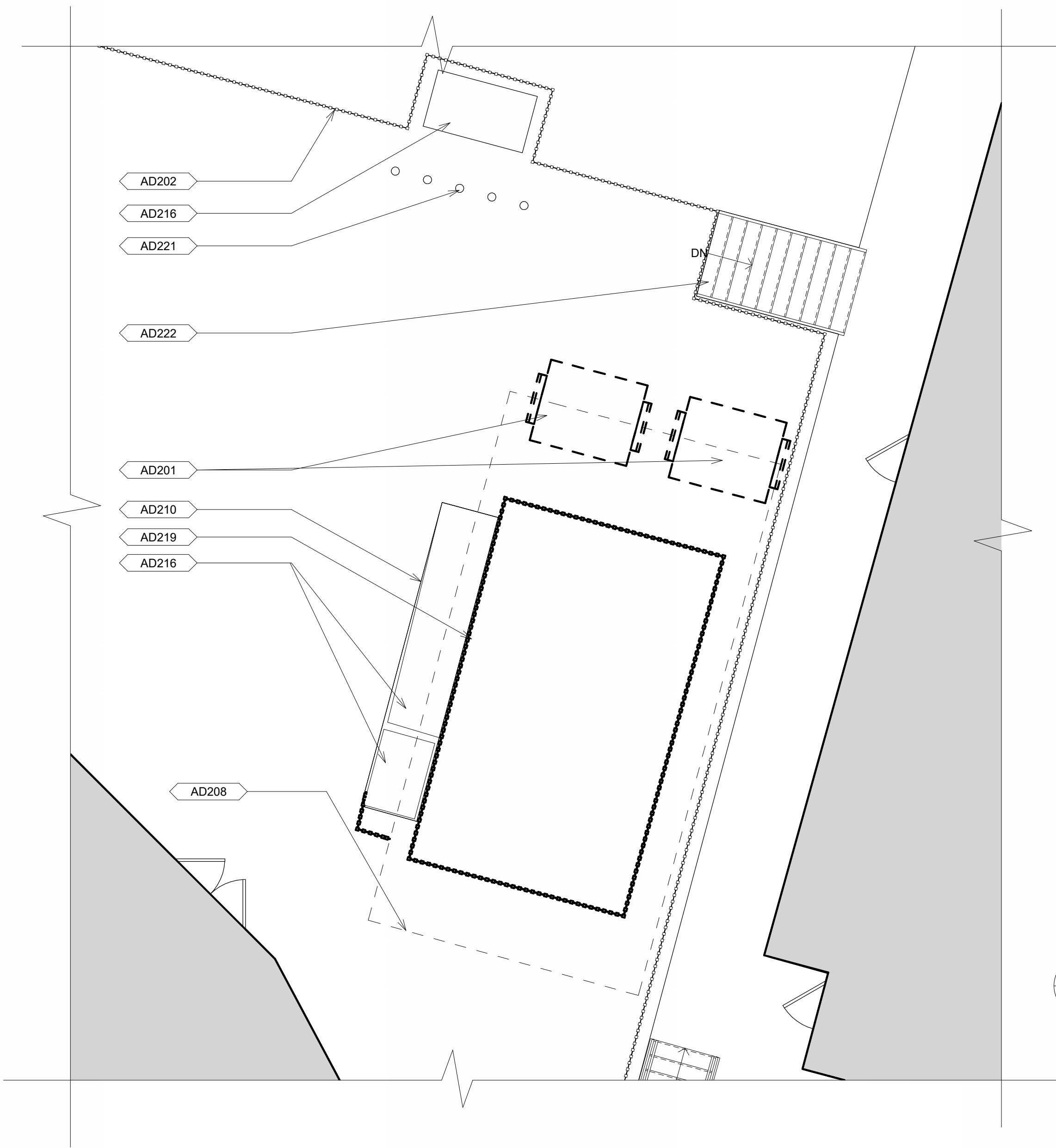
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DSA APPL #

01-121662

PROJECT NO.

237



SHEET NOTES

1. DRAWINGS ARE BASED ON AS-BUILT PLANS PROVIDED BY CUPERTINO UNION SCHOOL DISTRICT.
2. COORDINATE BETWEEN STRUCTURAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS. REVIEW DEMO DRAWINGS & PHOTOS TO PREPARE FOR NEW WORK.
3. GC TO COORDINATE WITH CIVIL FOR CONTROL POINTS AND STAKING LOCATIONS.

LEGEND

NOTE: NOT ALL LEGENDS ARE USED IN THIS SHEET

- (E) TRUNCATED DOME
- ACCESSIBLE PATH OF TRAVEL
- PROPERTY LINE
- (E) CHAIN-LINK FENCE TO REMAIN
- (E) CHAIN-LINK FENCE TO BE DEMOLISHED
- (N) CHAIN LINK FENCE
- (E) BUILDING, N.I.C
- (E) PLANT
- (E) GATE TO REMAIN
- (N) FENCE GATE
- SCOPE OF WORK
- (E) FIRE APPARATUS ROAD PER DSA APPLICATION #01-112591
THIS PROJECT DOES NOT IMPACT, CHANGE OR MODIFY THE (E) FIRE APPARATUS ROAD

1 DEMO PLAN

3/16" = 1'-0"

2 FLOOR PLAN

3/16" = 1'-0"

3 EXTERIOR NORTH ELEVATION

1/4" = 1'-0"

4 EXTERIOR EAST ELEVATION

1/4" = 1'-0"

5 EXTERIOR SOUTH ELEVATION

1/4" = 1'-0"

6 EXTERIOR WEST ELEVATION

1/4" = 1'-0"

KEYNOTES

- A101 COOLER, SEE SPEC.
- A102 CHAINLINK FENCE, S.S.D. AND 2/A8.1 TYP
- A103 CHAINLINK FENCE GATE, SEE DETAIL 1/A8.1, SEE GATE# G-01 ON GATE SCHEDULE ON SHEET A8.1
- A104 SUPPORT POST, S.S.D. FOR POST DETAILS, TYP.
- A105 SHELVING UNITS, SEE SPEC, TYP.
- A107 COOLER DOOR PROVIDED BY MANUFACTURER, SEE SPEC
- A108 RAMP PROVIDED BY COOLER MANUFACTURER, SEE SPEC
- A109 RELOCATE PRESERVED (E) DUMPSTERS
- A110 FREEZER DOOR PROVIDED BY MANUFACTURER, SEE SPEC
- A111 FREEZER, SEE SPEC
- A114 PROVIDE STRUCTURAL BRACING, S.S.D. TYP.
- A121 8" CONCRETE HOUSEKEEPING PAD FOR CONDENSING UNIT
- AD201 (E) DUMPSTERS TO RELOCATE, PRESERVE AND PROTECT DURING CONSTRUCTION, PREPARE FOR FUTURE INSTALLATION.
- AD202 (E) FENCE, TYP.
- AD208 TRENCH PERIMETER AND GRIND THE GROUND FOR FUTURE CONCRETE PAD, S.C.D. TYP.
- AD210 (E) CURB, TYP.
- AD216 (E) ELECTRICAL/MECHANICAL/UTILITY EQUIPMENT TO REMAIN AND PROTECT DURING CONSTRUCTION
- AD219 (E) WOODEN FENCE TO REMOVE, PATCH AND REPAIR DAMAGED GROUND, TYP.
- AD221 (E) SAFETY BOLLARDS TO REMAIN AND PROTECT DURING CONSTRUCTION, TYP.
- AD222 (E) STAIRS WITH GUARDRAILS, TYP.

7 INTERIOR ELEVATIONS

1/4" = 1'-0"

Approvals



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Consultants

Project Name

COOLER & FREEZER
INSTALLATION

PRELIMINARY PHASE 02/08/2024

No.	Date	Revisions
1	7/15/24	DEH SUBMITTAL
A1	02/19/2025	Addendum 001

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DRAWING TITLE

ENLARGED PLANS &
ELEVATIONS

SHEET NO.

A1.1

ADDENDUM 001

DATE 01/15/24

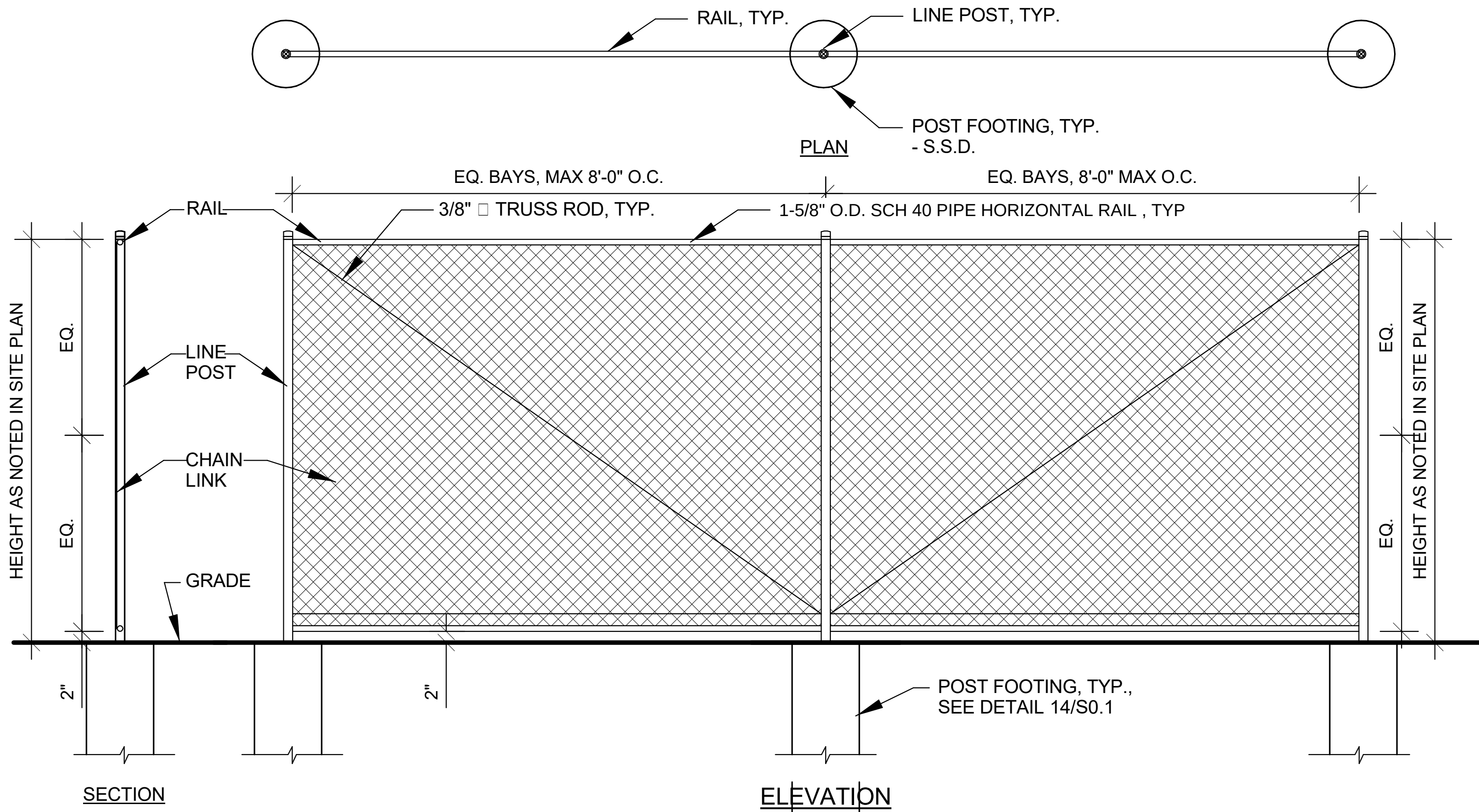
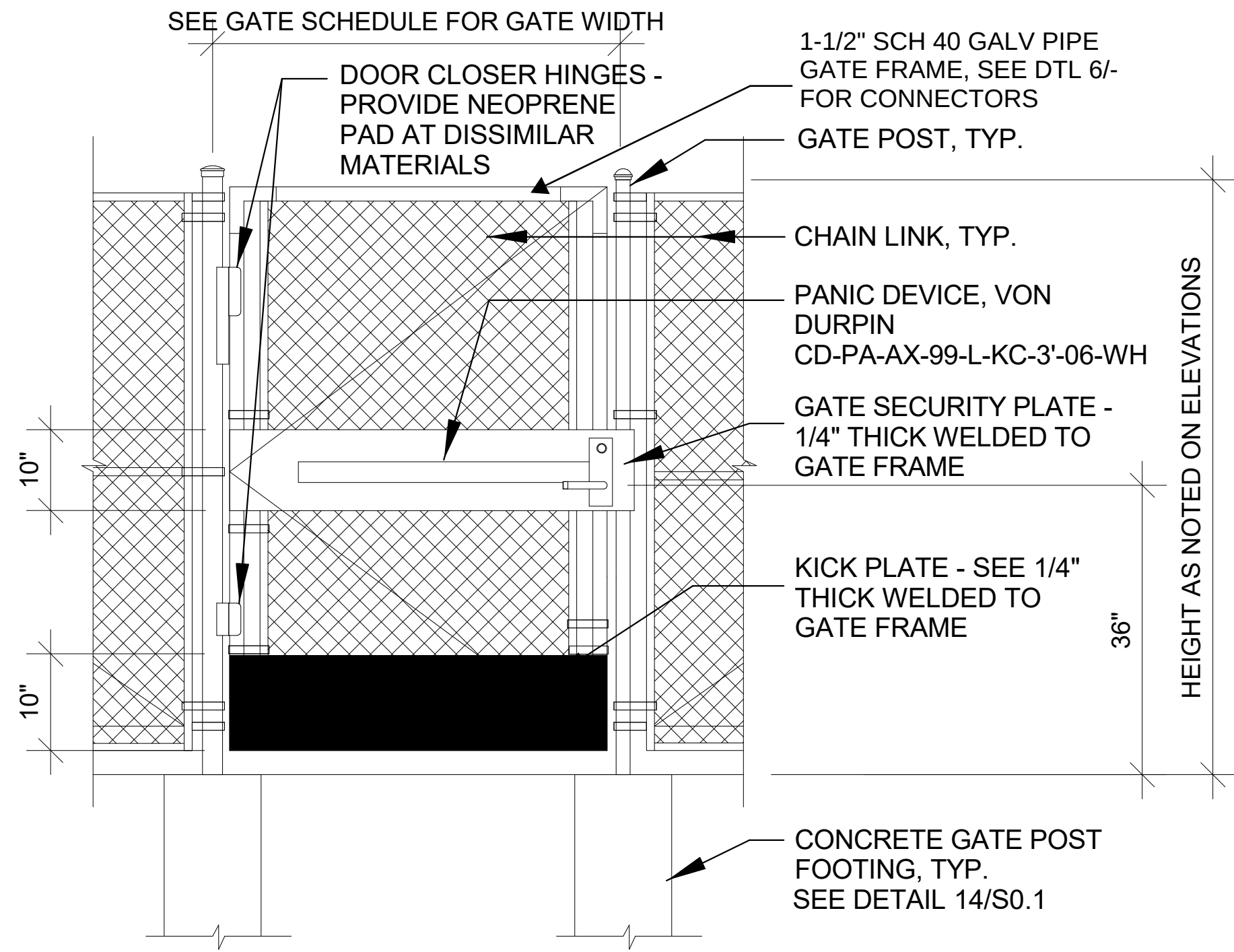
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PROJECT NO. 237

JOB NO.

23017-CMS

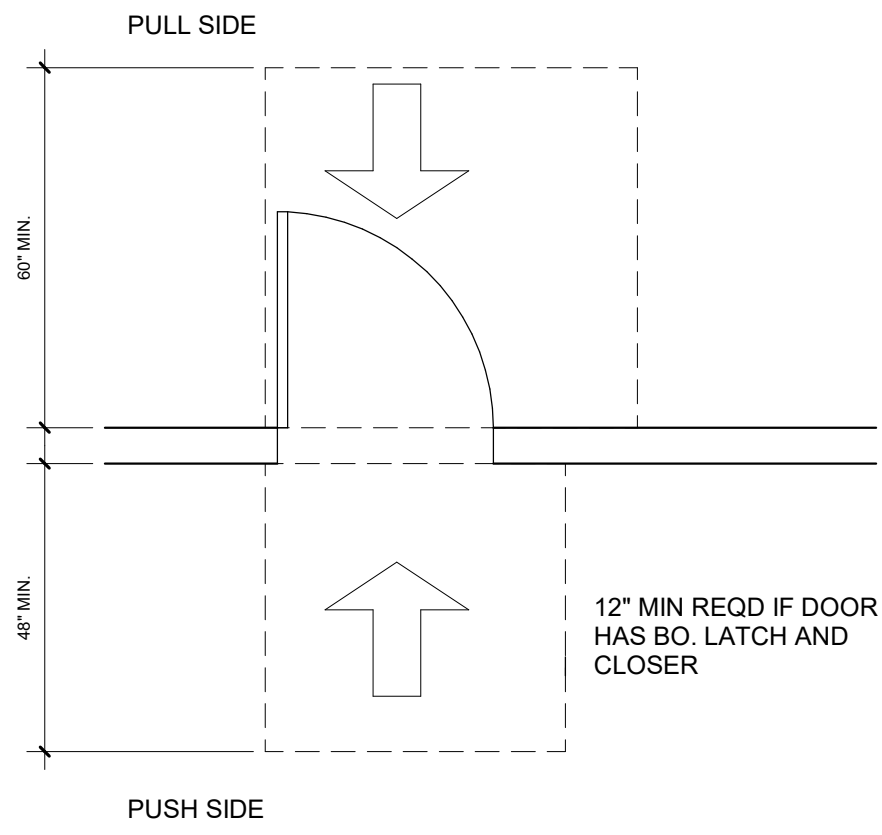


SHEET NOTES

1. GATE TO COMPLY WITH CBC 2022, 11B-404.2.3 CLEAR WIDTH: OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (813 MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES (610 MM) DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES (914 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (864 MM) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (864 MM) AND 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES (102 MM).
2. IN ALTERATIONS, A PROJECTION OF 5/8 INCH (15.9 MM) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES (1981 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

1 TYP. CHAIN LINK GATE W/ PANIC HARDWARE

3/4" = 1'-0"



A. FRONT APPROACH- SWINGING DOOR

NOTES:

1. PROVIDE 36" WIDE DOORS WITH 32" MIN CLEAR OPENING AS MEASURED WITH THE DOOR OPENED AT 90 DEGREES.
2. PROVIDE A LEVEL AND CLEAR AREA AT MANEUVERING CLEARANCES AT DOORS.

4 CLEAR SPACE AT DOOR/GATE2

3/8" = 1'-0"

5 GATE SCHEDULE

1/2" = 1'-0"

2 TYP. CHAIN LINK FENCE

3/4" = 1'-0"

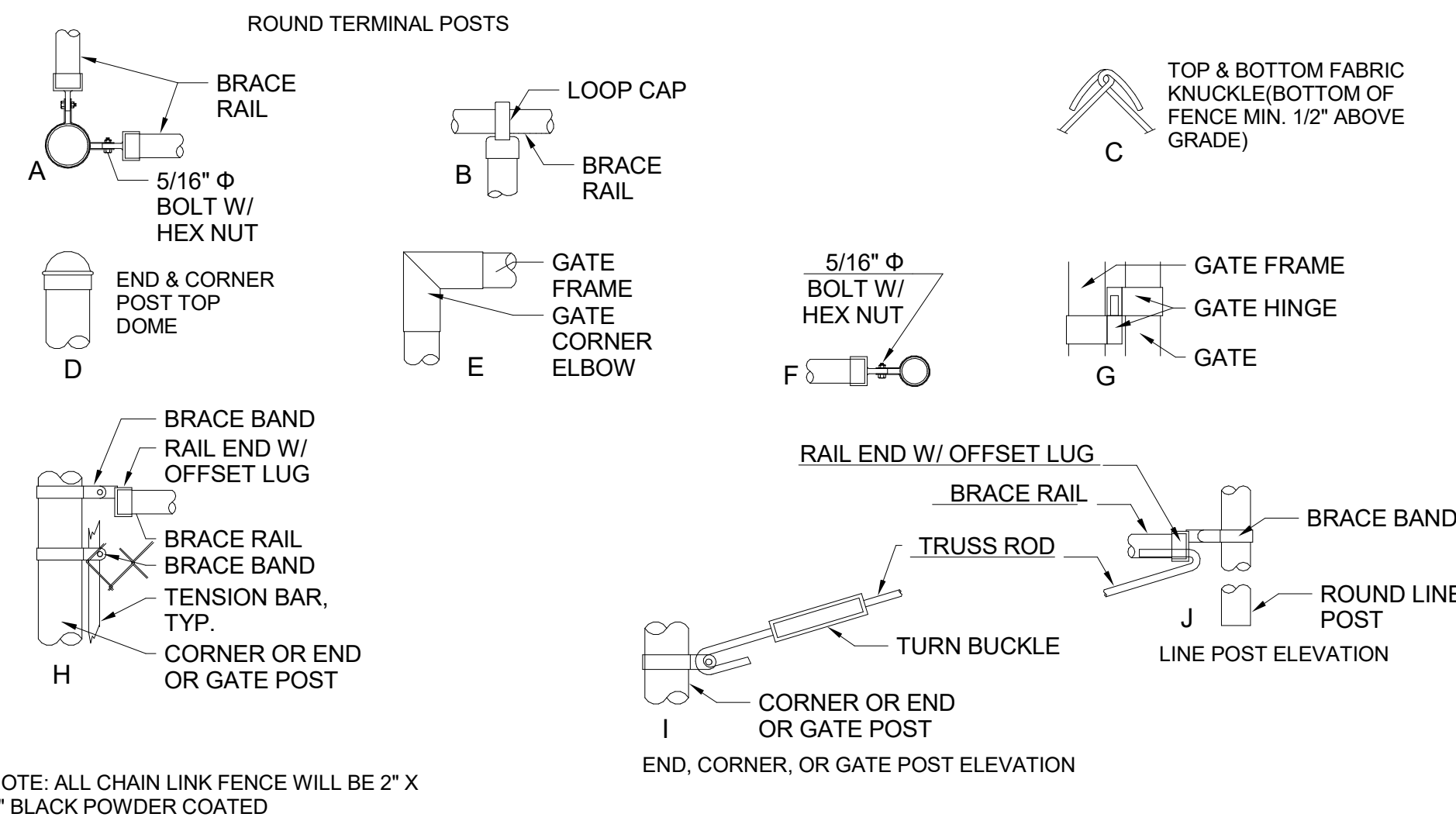
DOOR SCHEDULE

DOOR #	DOOR						FRAME					FIRE RATING	HARD WARE	REMARKS
	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH		TYPE	FINISH	HEAD	JAMB	THRESHOLD			
G-01	3'-0"	6'-0"	0'-2"	METAL	POWDER COATED BLACK		A	POWDER COATED BLACK	1/-	1/-	1/-		NO.1	PROVIDE PANIC HARDWARE, SEE DETAIL 14A.1

HARDWARE GROUP NO.1

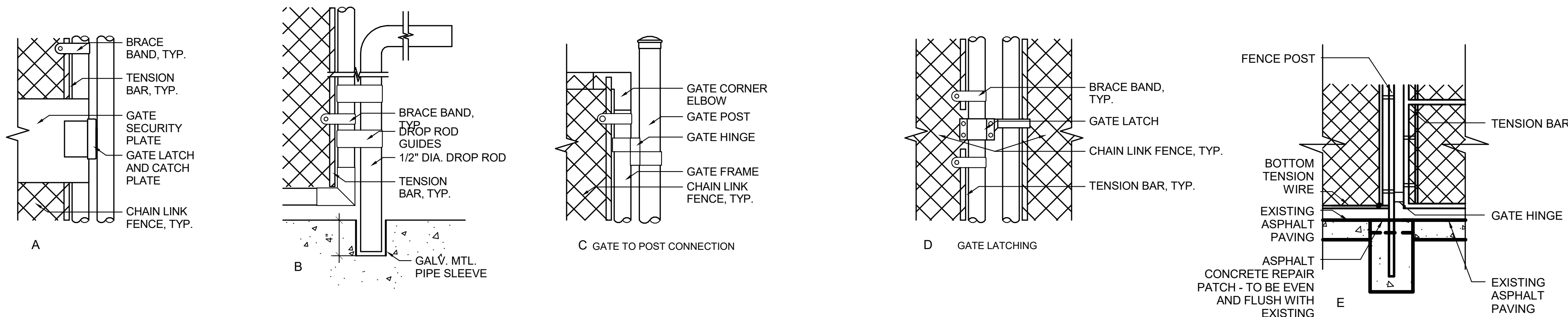
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1 EA	PANIC HARDWARE	CD-PA-AX-99-L-KC-4'-06-WH	626	VON
1 EA	VANDAL DOOR PULL	1097VD	630	TRM
1 EA	RM CYLINDER	20-457 ICX	626	SCH
2 EA	PRIMUS CORE	20-740	626	SCH
1 EA	MORTISE CYLINDER	26-091 ICX XQ11-948	626	SCH
2 EA	HINGE CLOSER	MAMMOTH180	9005	LCN
1 EA	KICK PLATE	8400 1070407	US32D	IVES

8400 1070407
BALANCE OF HARDWARE BY GATE FABRICATOR



6 TYP. CHAIN LINK FENCE CONNECTORS

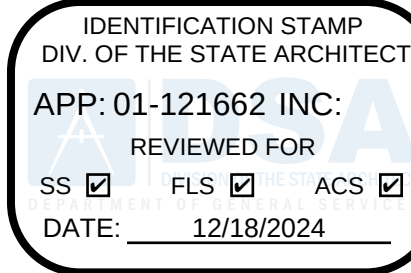
1 1/2" = 1'-0"



3 TYP. CHAIN LINK GATE DETAILS

1 1/2" = 1'-0"

Approvals



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No.	Date	Revisions
1	7/15/2024	DEH Submittal
2	10/8/2024	DWG v2

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DRAWING TITLE

DETAILS & SCHEDULES

SHEET NO.

A8.1

JOB NO.

23017-CMS

DATE

4/25/2024

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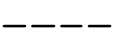
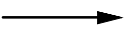
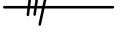
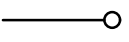
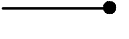
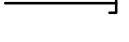
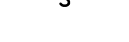
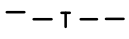
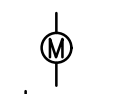
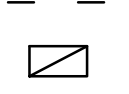
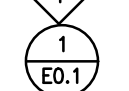
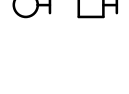
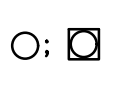
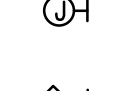
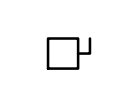
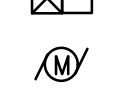
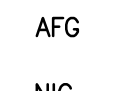
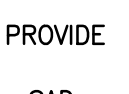
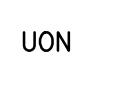
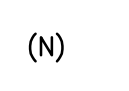
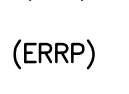
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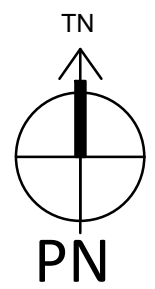
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PROJECT NO.

234

SPECIFICATIONS		SYMBOLS	
SPECIFICATIONS (SECTION 16000, ELECTRICAL) PART 1 – GENERAL 1.1 GENERAL TERMS AND CONDITIONS A. "LANDLORD" HEREIN INDICATES THE BUILDING OWNER OR HIS REPRESENTATIVE. "OWNER" HEREIN INDICATES THE TENANT OR THE TENANT'S REPRESENTATIVE. "CONTRACTOR" HEREIN INDICATES THE ELECTRICAL CONTRACTOR (EO). B. SECTION 16000 OUTLINES ELECTRICAL INSTALLATION OF SUBJECT PROJECT. THIS CONTRACTOR IS DIRECTED TO REFER TO OTHER SECTIONS, WHICH INCLUDES THE ARCHITECTURAL, MECHANICAL, AND PLUMBING PLANS AND SPECIFICATIONS AND LANDLORDS' REQUIREMENTS RELATIVE TO ADDITIONAL TECHNICAL AND LEGAL REQUIREMENTS. C. CONTRACTOR TO PAY ALL FEES, CHARGES, MATERIALS, TOOLS, TRANSPORTATION, EMPLOYEE WAGES, ALL SUB-CONTRACTORS, IF ANY, ETC. IN A TIMELY MANNER. OBTAIN INSURANCES, LICENSES, PERMITS, ETC. AS REQUIRED BY LOCAL, STATE AND FEDERAL LAWS – ADDITIONAL INSURANCE COVERAGES SHALL BE AS REQUIRED BY THE LANDLORD AND OWNER. D. PROVIDE A FORMAL LIEN RELEASE TO THE LANDLORD AND COPY TO OWNER, CONTRACTOR AND HIS SUB-CONTRACTORS, IF ANY. SHALL HOLD LANDLORD, OWNER, ARCHITECT AND ENGINEERS HARMLESS RELATIVE TO HIS PERFORMANCE OF THE ELECTRICAL WORK. 1.2 COOPERATION, COORDINATION AND SITE VERIFICATION A. IT IS ESSENTIAL FOR THIS CONTRACTOR TO BE FAMILIAR WITH THE LANDLORD'S AND CITY'S REQUIREMENTS AND HAVE THE ABILITY TO COOPERATE AND COORDINATE HIS WORK WITH OTHER TRADES, THE LANDLORD, OWNER AND THE CITY INSPECTOR. B. HE SHALL HAVE A MINIMUM WORKING KNOWLEDGE OF ALL APPLICABLE CODES AND REQUIREMENTS. FURTHER, HE SHALL HAVE A BASIC WORKING KNOWLEDGE WITH RESPECT TO FEEDER SIZING, VOLTAGE DROP, BASIC DEVICE PROTECTION, ETC., IN ORDER TO INTELLIGENTLY VERIFY EXISTING FIELD CONDITIONS PRIOR TO BID AND POINT OUT DEFICIENCIES TO THE GENERAL CONTRACTOR. C. BEFORE SUBMITTING HIS BID, CONTRACTOR SHALL VISIT SITE AND CONTACT CITY, LANDLORD AND ALL UTILITIES TO VERIFY LOCATION, SIZE, DEPTH AND OPERATING CHARACTERISTICS OF ALL POINTS OF CONNECTION AND SERVICES. EXAMINE THE SITE AND PREMISES PRIOR TO SUBMISSION OF BID. D. LIST ALL EXTRAS AND EXCEPTIONS ON HIS BID AS ALLOWANCE FOR FURTHER EXPENSES INCURRED DUE TO FAILURE TO EXAMINE THE EXISTING SITE CONDITIONS INCLUDING LANDLORD'S ELECTRICAL SERVICE EQUIPMENT AND DISTRIBUTION TO THIS JOB SITE MAY NOT BE PERMITTED. E. THE PLANS INDICATE THE GENERAL ARRANGEMENT OF THE ELECTRICAL LAYOUT, TIGHT CONDITIONS MUST BE WORKED OUT IN ADVANCE PRIOR TO MAJOR PURCHASES OF EQUIPMENT AND ROUGH-IN WORK. DO NOT SCALE FROM THIS SET OF PLANS. F. WHEN APPROVAL IS GIVEN FOR USE OF EQUIPMENT DIFFERING FROM THAT SHOWN ON DRAWINGS IN REGARD TO FOUNDATIONS, SPACE OF PIPING, DUCTWORK, WIRING, INSULATION, ETC., CHANGES REQUIRED TO ACCOMMODATE THE DIFFERENCES SHALL BE ACCOMPLISHED AT NO COST TO OWNER. G. THE LOCATION OF ALL EQUIPMENT ON THESE DRAWINGS IS SHOWN DIAGRAMMATICALLY. COORDINATE EXACT LOCATION OF EQUIPMENT WITH OTHER TRADES FOR CONDUIT ROUGH-IN AND EQUIPMENT LOCATION. 1.3 SCOPE OF WORK THE WORK INCLUDED IN THIS SECTION OF THE SPECIFICATIONS SHALL CONSIST OF FURNISHING ALL LABOR, MATERIAL, AND EQUIPMENT TO COMPLETELY INSTALL ALL WORK SHOWN ON THE FURNISHED PLANS AND SPECIFIED HEREIN, INCLUDING, BUT NOT LIMITED TO, CONNECTIONS TO ALL EQUIPMENT ITEMS, POWER, LIGHTING, COMMUNICATIONS, CONTROL, AND ALARM. ALL INSTALLATIONS TO BE ACCOMPLISHED TO THE SATISFACTION OF THE CITY INSPECTOR, LANDLORD AND OWNER IN ACCORDANCE WITH THESE SPECIFICATIONS AND PLANS. FULL COMPLIANCE WITH TENANT'S "HANDBOOK AND GUIDELINES". 1.4 CODES, PERMITS AND INSPECTION 1. THE INSTALLATION SHALL COMPLY WITH ALL STATE, LOCAL AND FEDERAL GOVERNMENTS OR THEIR AUTHORITIES HAVING LAWFUL JURISDICTIONS APPLYING TO ELECTRICAL INSTALLATIONS, WITH COMPLIANCE TO: NATIONAL ELECTRICAL CODE (NEC) (CEC) NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AMERICANS WITH DISABILITIES ACT (ADA) WHERE CONFLICT OCCURS BETWEEN CODES, THE INSTALLATION THAT OFFERS THE MOST STRINGENT REQUIREMENTS AND PROTECTION SHALL BE ENFORCED. 2. UNLESS OTHERWISE INDICATED HEREIN AND ON THE ELECTRICAL PLANS, ALL MATERIALS SHALL BE NEW AND SHALL CONFORM TO: NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION (NEMA) NATIONAL ELECTRICAL CODE (NEC) UNDERWRITER'S LABORATORIES, INC. (UL) CALIFORNIA ELECTRICAL CODE (CEC) ALL EQUIPMENT AND DEVICES (INCLUDING ALL LIGHT FIXTURES, PANELBOARDS, DISCONNECTS, ETC.) SHALL HAVE THE MANUFACTURER'S NAME PRINTED THEREON AND UNDERWRITER'S LABORATORY LISTED. THE SELECTION OF MATERIALS AND EQUIPMENT TO BE PROVIDED UNDER THIS CONTRACT SHALL BE IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS AND PLANS. 1.5 WORKMANSHIP A. ALL WORK SHALL BE EXECUTED IN A FIRST CLASS WORKMANLIKE MANNER AND SHALL PRESENT A NEAT MECHANICAL APPEARANCE WHEN COMPLETED, AND SHALL INCLUDE MODIFICATION OF THE EXISTING SERVICE LOAD CENTERS AS REQUIRED, TIME CLOCKS, OUTLETS, MOTORS, ETC., INCLUDING ALL CONDUITS, RACEWAYS, WIRING, JUNCTION BOXES, LOAD CENTERS, SWITCHES, SUPPORTS AND ALL OTHER NECESSARY APPURTENANCES REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM, INCLUDING THE HANGING AND LAMPING OF ALL FIXTURES AND TRANSFORMER(S), EXCEPT AS OTHERWISE NOTED. B. ANY MATERIAL ITEMS OF WORK NOT SHOWN ON THE DRAWINGS, MENTIONED IN THE SPECIFICATIONS OR VICE-VERSA, OR ANY ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE IN ALL RESPECTS AND READY FOR OPERATION SHALL BE INCLUDED IN CONTRACTOR'S SCOPE OF WORK AND SUCH ITEMS SHALL NOT BE A CAUSE EXTRA WORK OR EXTRA COST TO THE OWNER. C. THIS CONTRACTOR SHALL DO ALL CUTTING AND PATCHING, AS PERMITTED BY THE LANDLORD, NECESSARY FOR THE INSTALLATION OF HIS WORK UNDER THIS CONTRACT, AND THE BUILDING SHALL BE LEFT IN AS GOOD CONDITION AS FOUND. IN CASES WHERE THE LANDLORD REQUIRES THE USE OF HIS OWN CONTRACTOR FOR SPECIFIC WORK AT THE EXPENSE OF THE CONTRACTOR, THIS CONTRACTOR SHALL COORDINATE WITH THE LANDLORD'S CONTRACTOR FULLY. D. CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE AND SHALL BE RUN PARALLEL OR PERPENDICULAR TO BUILDING WALLS AND CEILINGS. E. PROVIDE STRUCTURAL STEEL FRAMEWORK AND HANGING RODS WITH BRACES AND ACCESSORIES WHERE REQUIRED TO HOLD EQUIPMENT IN FINAL POSITION. PROVIDE STEEL SHAPES AND FRAMES TO SUPPORT WALL MOUNTED EQUIPMENT WHERE NORMAL WALL STRENGTH MAY BE INADEQUATE. F. ELECTRICAL DEVICES, MOTOR STARTERS, DISCONNECT SWITCHES, ETC., SHALL BE SUPPORTED INDEPENDENT OF AND ISOLATED FROM EQUIPMENT VIBRATION. G. THE LOCATION OF ALL EQUIPMENT ON THESE DRAWINGS IS SHOWN DIAGRAMMATICALLY. COORDINATE EXACT LOCATION OF EQUIPMENT WITH OTHER TRADES FOR CONDUIT ROUGH-IN AND EQUIPMENT LOCATION. PART 2 – PRODUCTS AND EXECUTION 1.1 ELECTRICAL MATERIALS A. EACH BIDDER SHALL SUBMIT WITH HIS PROPOSAL A LIST OF MANUFACTURER'S NAMES AND CATALOG NUMBERS OF MATERIALS TO BE USED ON THIS PROJECT. B. THE MANUFACTURER'S CATALOG NUMBERS GIVEN IN THE ELECTRICAL DRAWINGS ARE USED TO INDICATE THE CLASS AND TYPE OF EQUIPMENT DESIRED. BIDDER SHALL NOTE PARTICULARLY THAT HIS BID SHALL BE ON THE BASIS OF THE LIST OF MATERIALS AND EQUIPMENT AS SPECIFIED. C. OTHER MANUFACTURERS AND THEIR CATALOG NUMBERS MAY BE SUBMITTED AT TIME OF BIDDING, BUT ONLY AS VOLUNTARY ALTERNATES AND MUST MEET THE LETTER AND INTENT OF THE DRAWINGS, SPECIFICATIONS AND MUST BE APPROVED BY THE OWNER IN WRITING. D. THE OWNER RESERVES THE RIGHT TO REJECT SUBMISSION OF MATERIAL OR WORK THAT, IN HIS OPINION, DOES NOT MEET REQUIREMENTS AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS. 1.2 CONDUIT AND FITTINGS A. CONDUIT SHALL BE CONSTRUED AS ELECTRICAL RACEWAYS AND SHALL CONFORM 1. CONCEALED IN HUNG CEILINGS AND PARTITIONS – EMT. 2. EXPOSED ON BUILDING EXTERIOR OR SUBJECTED TO PHYSICAL DAMAGE – RIGID GALVANIZED STEEL OR INTERMEDIATE STEEL CONDUIT. 3. CONNECTION TO MOTORS, HVAC PACKAGES OR ANY EQUIPMENT SUBJECTED TO VIBRATION – FLEX, 4" MAXIMUM. (LIQUID TIGHT FOR EXTERIOR). 4. FLEX NOT EXCEEDING 4' FOR LIGHT FIXTURES. 5. UNDERGROUND, UNDERSLAB OR IN SLAB – SCHEDULE 40 PVC. 6. ROMEX AND BX NOT PERMITTED. 7. PVC ABOVE GRADE NOT PERMITTED. 8. LIQUID TIGHT CONNECTIONS AND DEVICES IN FOOD PREPARATION AREAS. B. ALL RACEWAYS SHALL BE RUN CONCEALED IN CEILING, WALLS OR FLOOR SLABS. EXPOSED RACEWAYS SHALL BE LIMITED TO EQUIPMENT IN NON PUBLIC AREAS. 1.3 WIRE AND CONNECTORS A. ALL CONDUCTORS SUPPLIED BY THIS CONTRACTOR SHALL BE COPPER (EXCEPT OTHERWISE INDICATED), WITH TYPE THW, THWN INSULATION OR THHN INSULATION. B. WHERE SERVICE MAIN FEEDER CONDUCTORS ARE FURNISHED BY THE ELECTRICAL UTILITY AS ALUMINUM, USE APPROVED BIMETAL CONNECTORS AND LUGS FOR PROPER TERMINATION OF CONDUCTORS. TORQUE TO MANUFACTURER'S SPECIFICATIONS. COPPER CONDUCTORS SHALL BE USED WHENEVER POSSIBLE. C. ALL SPLICE CONNECTORS SHALL BE 3M SCOTCHLOK OR EQUAL. 1.4 GROUNDING A. ELECTRICAL SYSTEM GROUNDING AND INDIVIDUAL EQUIPMENT GROUNDING SHALL IN ALL INSTANCES CONFORM TO THE MINIMUM REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, LOCAL CODES OR REGULATIONS, AND REGULATIONS OF THE SERVING UTILITIES. B. PROVIDE REQUIRED SERVICE AND EQUIPMENT GROUNDING SYSTEMS. ALL DEVICES SHALL BE BONDED TO THE CONDUIT SYSTEM EXCEPT CLEAN POWER SYSTEM AS NOTED HEREIN. C. USER TYPE GROUND IS ACCEPTABLE PROVIDED SLAB IS IN DIRECT CONTACT WITH EARTH WITHOUT VAPOR BARRIER WITH MINIMUM OF 20' OF #4 CONTINUOUS RE-BAR AND IF ACCEPTABLE TO THE LOCAL INSPECTOR. 1.5 PANELBOARDS A. ALL PANELBOARDS ARE TO BE UL LABELED. ALL PANELBOARDS SHALL HAVE HINGED DOORS AND COMPLETE DIRECTORIES. IDENTIFY AND LABELING OF ALL CIRCUIT BREAKERS. PROVIDE ARC FLASH WARNING LABEL PER NEC 110.16. B. PANELBOARDS SHALL BE PROVIDED WITH A TYPE-WRITTEN CIRCUIT DIRECTORY TO COMPLY WITH SEC. 408.4, CEC C. THE NEUTRAL BUS IN ALL PANELBOARDS ARE TO BE ISOLATED FROM THE GROUNDING BUS. D. PANELBOARDS SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH NEC AND UL STANDARDS AND BEAR APPROPRIATE LABELS. E. MULTIPOLE LOADS SHALL BE PROTECTED BY MULTIPOLE CIRCUIT BREAKERS HAVING COMMON TRIP AND SINGLE HANDLE. HANDLE TIES AND TROUGH CLIPS OR PINS ARE UNACCEPTABLE. F. PROVIDE CIRCUIT BREAKER LOCKS FOR NIGHT LIGHTS AND EXIT/EMERGENCY LIGHTING. G. INSTALLATION OF PANELBOARDS SHALL COMPLY BUT NOT LIMITED TO NEC ART. 384-4. H. PANELBOARD TO HAVE BOLT-ON BREAKERS. I. CIRCUIT BREAKERS SHALL BE RATED FOR AVAILABLE SHORT CIRCUIT CURRENT. 1.6 ELECTRICAL SERVICE SYSTEM METERING SERVICE SWITCHBOARD: A. THE COMPONENTS OF THE ASSEMBLY SHALL BE DESIGNED, MANUFACTURED, TESTED IN ACCORDANCE WITH THE LATEST APPLICABLE STANDARDS OF THE IEEE, ANSI, NEMA, P.G. & E., EUSER AND LATEST REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE. B. APPLICABLE SECTION(S) AND COMPONENTS SHALL BEAR THE UL SEAL AND/OR LABEL AS TO ENCLOSURE, BUSSING, WIRING, CLEARANCES AND DEVICES. C. EQUIPMENT SHALL BE AS MANUFACTURED BY GENERAL ELECTRIC, ITE-SIEMENS, SQUARE D, IEM, WESTINGHOUSE OR CHALLENGER DIVISION WITH WESTINGHOUSE DEVICES. D. THE TOTAL ASSEMBLED METERING SERVICE SWITCHBOARD SHALL BE INTERIOR TYPE AS NOTED METAL-ENCLOSED, DEAD FRONT, FLOOR STANDING SECTIONS ASSEMBLED TO FORM A MECHANICALLY SOUND ELECTRICALLY COORDINATED UNIT. E. UNDERGROUND PULL SECTION, OVER CURRENT DEVICES AND, COMMERCIAL METER SOCKETS. F. UNDERGROUND PULL SECTION SHALL BE SEALABLE (SEALS PROVIDED BY UTILITY COMPANY). G. MAIN HORIZONTAL CROSS BUS SHALL EXTEND FOR FULL LENGTH OF SWITCHBOARDS SECTIONS SERVED (THREE PHASE AND NEUTRAL). THE BUS SHALL BE SILVERPLATED COPPER OR TIN PLATED ALUMINUM, 100% RATED FOR THE MAIN OVER CURRENT DEVICE WITH PROVISIONS FOR FUTURE EXTENSION. THE CURRENT DENSITY OF THE COPPER BUS BARS SHALL NOT EXCEED 1000 AMPERES PER SQUARE INCH CROSS-SECTION AND FOR ALUMINUM BUS NOT TO EXCEED 750 AMPERES PER SQUARE INCH. 1. BUSSING AND EQUIPMENT SHALL BE BRACED TO WITHSTAND STRESSES RESULTING FROM MAXIMUM SHORT-CIRCUIT AMPS AVAILABLE. BRACED FOR 50,000 AMPS H. THE SWITCHBOARD ASSEMBLY COMPLETELY SELF-SUPPORTING, OF THE REQUIRED NUMBER OF VERTICAL SECTIONS BOLTED TOGETHER TO FORM ONE CONTINUOUS SWITCHBOARD 90 INCHES HIGH SIDES, TOP AND REAR COVER SHALL BE CODE GAUGE STEEL BOLTED TO THE STRUCTURE. THE FRAME STRUCTURAL MEMBER SHALL BE DIE-FORMED 12-GAUGE STEEL BOLTED TOGETHER AND REINFORCED AT THE EXTERNAL CORNERS WITH RUGGED GUSSETS INTERNAL AND EXTERNAL TO THE STRUCTURAL MEMBERS. THE SWITCHBOARD FRAME IS TO BE SUITABLE FOR USE AS FLOOR SILLS IN INDOOR INSTALLATIONS. 1. AFTER FABRICATION, EACH COMPONENT SHALL BE SANDED SMOOTH TO REMOVE ALL ROUGH EDGES, SCRATCHES, AND IRREGULARITIES, AND THEN SHALL BE IMMERSED IN A SUITABLE CLEANING AND RUST INHABITING PHOSPHATIZING SOLUTION, A HARD, OVEN-BAKED GRAY, ANSI #49 OR #61, ENAMEL SHALL BE APPLIED. I. SUBMIT SHOP DRAWINGS CONCURRENTLY TO ARCHITECT AND PACIFIC GAS AND ELECTRIC REPRESENTATIVE FOR THEIR METERING DEPARTMENT TO REVIEW. J. ENGRAVED NAMEPLATES: SECURE EACH WITH TWO CADMIUM PLATED SCREWS. 1. 3/8-INCH WHITE LETTERS ON BLACK PHENOLIC BACKGROUND. SECURE EACH WITH TWO CADMIUM PLATED SCREWS. K. EACH SWITCHBOARD DEVICE SHALL BE LABELED. PROVIDE TENANT ADDRESS ADJACENT TO METER SOCKET AND EACH OVERCURRENT DEVICE. 1.7. LIGHTING FIXTURES A. ALL FIXTURES SHALL BE ADEQUATELY SUPPORTED, LEVEL AND ALIGNED. COORDINATE LOCATION WITH THE ARCHITECT. B. LIGHTING FIXTURES SHALL BE MOUNTED AT CEILING, AND AS INDICATED ON DRAWINGS, EXPANSIVE ANCHOR TYPE INSERTS, ACKERMAN-JOHNSON OR AN APPROVED EQUAL BY THE OWNER, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL FIXTURES SHALL BE SECURED TO BUILDING STRUCTURE – "CADDY" CLIPS ON "T" BAR AS PRIMARY SUPPORT FOR LAY-IN FIXTURES NOT PERMITTED FOR EXAMPLE. C. PROVIDE ALL NECESSARY MOUNTING HARDWARE FOR A COMPLETE INSTALLATION. PROVIDE LAMPS, BALLASTS AND SPECIAL CONTROLS. D. LIGHT FIXTURE IN CONTACT WITH INSULATION TO BE U.L. LISTED FOR THERMAL BARRIER OR PROVIDE 3" MINIMUM CLEARANCE. E. LED LUMINAIRES SHALL BE TESTED AND PASSED IES LM-79 AND IES LM-80. PROVIDE MINIMUM L70 LUMEN MAINTENANCE VALUE OF 50,000 HOURS. F. LED DRIVERS TO HAVE A POWER FACTOR GREATER THAN OR EQUAL TO 0.90 AT FULL INPUT POWER. MAXIMUM TOTAL HARMONIC DISTORTION (THD) LESS THAN 20% AT FULL POWER. WITHSTANDS CATEGORY A SURGES OF 4KV WITHOUT IMPAIRMENT OF PERFORMANCE. 1.8 OUTLETS A. ALL OUTLETS ARE TO BE INSTALLED AS LOCATED ON PLANS, AND CONDUCTOR TERMINALS AT EACH WIRING OUTLET SHALL BE LEFT NOT LESS THAN 8" LONG WITH IN THE OUTLET. B. ALL DEVICES, INCLUDING BUT NOT LIMITED TO, SWITCHES, JUNCTION BOXES, OUTLETS TO BE INSTALLED FLUSHED TO FINISHED SURFACES. COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN IN SPECIAL SURFACE AREAS. C. IN AREAS WHERE OUTLET BOXES ARE SURFACE MOUNTED, COVERS SHALL BE STEEL, IN GENERAL, SURFACE MOUNTED DEVICES ARE NOT PERMITTED IN PUBLIC AND WORKING AREAS. D. ALL EXTERIOR OUTLETS INCLUDING OUTLETS FOR HVAC EQUIPMENT AND OUTLETS WITHIN 6 FEET FROM SINK SHALL BE PROTECTED VIA GROUND-FAULT CIRCUIT-INTERRUPTERS (GFCI BREAKERS) PER NEC. E. ALL RECEPTACLES SHALL BE SPECIFICATION GRADE, AS MANUFACTURED BY PASS AND SEYMOUR, HUBBELL, SLATER OR APPROVED EQUAL. F. ALL CONDUCTORS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET. NO SPLICES SHALL BE MADE. G. WEATHERPROOF COVER OF OUTLETS TO COMPLY WITH SEC 406.8(B)(1) CEC 1.9 SWITCHES A. ALL SWITCHES FOR LIGHTING CIRCUITS SHALL BE FLUSH MOUNTED. B. SWITCHES SHALL BE 20 AMP HUBBELL 1221-1 SINGLE POLE OR 1223-1 THREE WAY. DUPLEX RECEPTACLES SHALL BE 20 AMP HUBBELL 5362-1. PASS AND SEYMOUR, ARROW-HART AND BRYANT SHALL BE CONSIDERED AS EQUAL. C. PROVIDE LOCAL SWITCHES AS SHOWN; HOWEVER, BEFORE INSTALLATION THE CONTRACTOR SHALL INSPECT THE ARCHITECTURAL DRAWINGS AND LOCATE ALL SWITCHES ON THE STRIKE SIDE OF THE DOOR. ALL SWITCHES SHALL BE SPECIFICATION GRADE AS MANUFACTURED BY PASS AND SEYMOUR, HUBBELL, SLATER OR APPROVED EQUAL. 2.0 STARTERS AND DISCONNECTS A. STARTERS, LOAD CENTERS, LINE SWITCHES AND SIMLAR APPARATUS SHALL BE MOUNTED SECURELY TO WALLS, COLUMNS, ETC. LINE SWITCHES AND STARTERS SHALL BE MOUNTED NEAR MOTORS, AT UNIFORM HEIGHTS ABOVE FLOOR UNLESS OTHERWISE NOTED ON PLAN. INDIVIDUAL LIGHT SWITCHES, LIGHTING, DISCONNECT, ETC. –NOT MORE THAN 48" ABOVE FINISHED GRADE. SWITCHES SHALL BE ITE HEAVY DUTY TYPE IN NEMA 1 ENCLOSURE OR EQUAL. BY SQUARE D OR ARROW-HART. SWITCHES SHALL BE QUICK-MAKE QUICK-BREAK, EXTERNALLY OPERATED AND INTERLOCKED, FULL LOAD BREAK AND NEMA HORSEPOWER RATED. BE 4-11/16" WITH SUITABLE ADAPTER COVER RING EXCEPT WHERE OTHERWISE INDICATED ON DRAWINGS. VERIFY WITH TELEPHONE COMPANY AND OWNER FOR LOCATION OF ALL SERVICE. B. FURNISH AND INSTALL ALL WIRING FOR MOTORS, STARTERS, AND PUSH BUTTONS IN ADDITION TO ALL OTHER POWER AND CONTROL WIRING, ALL AS SHOWN ON PLANS AND CONNECTION DIAGRAMS. HOWEVER, MOTORS WILL BE INSTALLED BY OTHERS. IN CASES WHERE THE CAPACITY OR RATING OF THE EQUIPMENT BEING FURNISHED IS BASED ON THE RATING OF EQUIPMENT BEING FURNISHED BY OTHERS, SUCH RATINGS SHALL BE CONFIRMED BEFORE PURCHASING THE EQUIPMENT. USE EQUIPMENT INCLUDING RECEPTACLES, DISCONNECTS, ETC., RATED NEMA 3R FOR OUTDOORS, SCULLERY AND KITCHEN LOCATIONS. PUSH-BUTTON AND PILOT DEVICES SHALL BE INDUSTRIAL GRADE, UL TIGHT. C. IDENTIFY DISCONNECT SWITCHES WITH LAMINATED PHENOLIC NAMEPLATES WITH 1/4" MINIMUM HEIGHT LETTERS. D. ALL CONNECTIONS COMPLETE, PROVIDE STARTERS, PULL BOXES, DISCONNECTS AS REQUIRED. 2.1 LIGHTING CONTROL EQUIPMENT: PROVIDE TITLE 24 COMPLIANT PROGRAMMABLE ELECTRONIC TIME SWITCH, CIRCUIT CONTROLLER, 365 DAY CAPACITY, WITH ADJUSTABLE ON/OFF TIMES FOR EACH CIRCUIT CONTROLLED, 4 HOUR BATTERY BACKUP; PARAGON, WATT STOPPER, DOUGLAS CONTROLS OR EQUAL 2.2 TELEPHONE A. TELEPHONE, ALARM AND SIGNAL SYSTEM OUTLET BOXES SHALL BE STANDARD OUTLET BOX TYPE WHERE ONLY ONE CONDUIT ENTERS SAME, UNLESS OTHERWISE SPECIFIED OR INDICATED ON DRAWINGS: WHERE TWO OR MORE CONDUITS ENTER, OUTLET BOX SHALL BE 4-11/16" WITH SUITABLE ADAPTER COVER RING EXCEPT WHERE OTHERWISE INDICATED ON DRAWINGS. VERIFY WITH TELEPHONE COMPANY AND OWNER FOR LOCATION OF ALL SERVICE. B. FURNISH AND INSTALL EMPTY CONDUIT, OUTLETS AND BACKBOARD TO ACCOMMODATE TELEPHONE COMPANY WIRING AND EQUIPMENT AS SHOWN ON DRAWINGS. WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH TELEPHONE COMPANY REQUIREMENTS. 2.3 LOAD BALANCE A. THE CONNECTED LOADS SHALL BE BALANCED AT THE END OF THE PROJECT SO THAT A VARIATION OF AMPERAGE AMONG THE PHASES OF LESS THAN 10% IS PRESENT. BALANCE LOAD AT END OF PROJECT WITH ALL NORMAL OPERATED EQUIPMENT ON (HVAC, LIGHTS, KITCHEN LOADS, ETC.). 2.4 ROOF FLASHING A. USE APPROVED ROOF FLASHING FOR CONDUITS PENETRATING THROUGH ROOF STRUCTURE. ROUTE CONDUITS DIRECTLY TO DEVICES FROM CEILING AREA WHENEVER POSSIBLE. DO NOT ROUGH-IN UNLESS THIS CONTRACTOR HAS COORDINATED WITH THE LANDLORD FOR HIS REQUIREMENTS. 2.5 TESTING A. PROVIDE TEST EQUIPMENT AND CONDUCT NECESSARY TESTING TO DETERMINE THE CONFORMITY WITH THE SPECIFICATIONS AND THE TOTAL BUILDING SYSTEM REQUIREMENTS. THIS TEST MUST BE MADE UNDER THE OBSERVATION OF THE OWNER'S REPRESENTATIVE AND THE CITY ELECTRICAL INSPECTOR. ANY DEFECTS MUST BE CORRECTED IMMEDIATELY. 2.6 EMERGENCY AND EXIT LIGHTING SYSTEM A. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO OBTAIN REQUIREMENTS AND APPROVAL FROM LOCAL CODE AUTHORITIES, ON EMERGENCY AND EXIT LIGHTING. B. EMERGENCY BATTERY-PACK LIGHTS: IN GENERAL BATTERIES SHALL BE REQUIRED WHEN BUILDING DOES NOT PROVIDE EMERGENCY GENERATOR LIFE SAFETY POWER FOR TENANT SPACE. EMERGENCY LIGHTS SHALL BE CONNECTED TO BUILDING EMERGENCY GENERATOR SYSTEM WHEN AVAILABLE. 2.7 CLEAN UP A. THE CONTRACTOR SHALL, AT ALL TIMES, KEEP THE PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIALS OR RUBBISH CAUSE BY HIS WORK, AND AT THE COMPLETION OF THE WORK, SHALL REMOVE HIS RUBBISH, TOOLS, EQUIPMENT AND SURPLUS MATERIALS; AND SHALL LEAVE HIS WORK CLEAN AND READY FOR USE.		 BRANCH CIRCUIT WIRING IN CONDUIT CONCEALED IN CEILING OR WALL.  BRANCH CIRCUIT WIRING IN CONDUIT CONCEALED UNDER FLOOR OR UNDERGROUND.  BRANCH CIRCUIT HOMERUN TO PANEL.  CONDUIT, 1/2"- 2 # 12 MINIMUM. HASHMARKS INDICATE NUMBER OF WIRES AND SIZE OTHER THAN # 12.  FLASHED ROOF JACK  FLEXIBLE CONDUIT  CONDUIT UP  CONDUIT DOWN  CONDUIT STUBBED OUT IN ACCESSIBLE LOCATION, CAP AND MARK LOCATION.  SECONDARY RACEWAY DOWN 24" MINIMUM PER LOCAL UTILITY CO. REQUIREMENTS SEE SINGLE LINE U.O.N.  TELEPHONE SERVICE RACEWAY, 1-4"C. - (UON) DOWN 24" MINIMUM PER LOCAL UTILITY CO. REQUIREMENTS.  METER SOCKET PER POWER COMPANY REQUIREMENTS  METER SOCKET AND PROVISIONS FOR CTS PER POWER COMPANY REQUIREMENTS  LANDING LUGS OR STUDS PER POWER COMPANY REQUIREMENTS.  CIRCUIT BREAKER  PRECAST ELECTRICAL SPLICE PULLBOX-13"x24"x16" DEEP MINIMUM (SIZE PER NEC), WITH HEAVY DUTY TRAFFIC COVER WHERE EXPOSED TO VEHICLES. LOCATE 50 AS NOT TO AFFECT PLANTING.  LIGHTING FIXTURE TAG. SEE FIXTURE SCHEDULE.  SHEET NOTE  DETAIL TAG. REFER TO DETAIL 1 ON SHEET NUMBER E0.1.  WALL MOUNTED LIGHT FIXTURE AND BOX. SEE ARCH ELEVATIONS FOR MOUNTING HEIGHT.  RECESSED LED AND BOX  SHADED FIXTURE IS ON NIGHTLIGHT CIRCUIT.  CEILING OR PENDANT MOUNTED LED AND BOX.  RECESSED DOWNLIGHT AND BOX  DIMMER AND BOX. LOWER CASE LETTER INDICATES CIRCUIT OR LAMPS CONTROLLED BY SWITCH, +48" T.O.D.  OCCUPANCY SENSOR AND BOX, CEILING, WALL MOUNTED, +48" T.O.D. (UON). LOWER CASE LETTER INDICATES CIRCUIT OR FIXTURE CONTROLLED BY DETECTOR. AIM ADJUSTABLE SENSORS PER DIRECTIONAL ARROWS WHERE INDICATED. D = DIMMER  DAYLIGHT SENSOR LOWER CASE LETTER INDICATES LAMPS CONTROLLED.  DUPLEX RECEPTACLE 20A, 125V, 3WG, NEMA 5-20R, +15" B.O.D. (UON). (WP= WEATHERPROOF)  DUPLEX RECEPTACLE 1P20A WITH GROUNDFAULT CIRCUIT INTERRUPTER, +15" B.O.D. (UON). WP WEATHER RESISTANT TYPE W/ EXTRA DUTY IN-USE COVER  FOURPLEX RECEPTACLES (2) NEMA 5-20R, +15" B.O.D. (UON).  JUNCTION OR OUTLET BOX – MOUNT ABOVE CEILING WITH BLANK COVER. (F= FLUSH IN FINISHED CEILING)  WALL MOUNTED JUNCTION OR OUTLET BOX WITH BLANK COVER, HEIGHT AS INDICATED. (WP = WEATHERPROOF)  TENANT SIGN J-BOX SURFACE MOUNTED JUNCTION BOX AND COVER PLATE FOR SIGN. LOCATE IN ACCESSIBLE LOCATION. SEE EXTERIOR ELEVATION.  SPECIAL USE RECEPTACLE VERIFY WITH EQUIPMENT MANUFACTURER +15" B.O.D. (UON)  COMBINATION TELEPHONE AND DATA OUTLET IN WALL, 15" MIN. TO BOTTOM OF BOX AFF (UON) WITH 3/4"C AND PULLCORD UP TO ABOVE ACCESSIBLE CEILING SPACE. (ALL TELEPHONE AND DATA CABLING ARE EXCLUDED)  FUSED DISCONNECT SWITCH WITH DUAL ELEMENT FUSES (UON), WP WHERE ON ROOF.  COMBINATION STARTER AND FUSIBLE DISCONNECT SWITCH.  MOTOR OUTLET AND FLEX CONNECTION TO MOTOR.  FLEXIBLE CONDUIT WITH CONNECTION TO EQUIPMENT.  DUCT SMOKE DETECTOR FURNISHED WITH HVAC UNIT.  PANELBOARD, 120/208V, 3 PHASE, 4W U.O.N., SURFACE.  MAIN SWITCHBOARD  TELEPHONE BACKBOARD 4' x 8' x 3/4" PLYWOOD AFF ABOVE FINISHED FLOOR TO CENTERLINE OF DEVICE. AFG ABOVE FINISHED GRADE NIC NOT IN THIS CONTRACT NL NIGHTLIGHT NTS NOT TO SCALE PROVIDE FURNISH, INSTALLED AND CONNECT. SAD SEE ARCHITECTURAL DRAWINGS UON UNLESS OTHERWISE NOTED WP WEATHERPROOF GFCI GROUNDFAULT CIRCUIT INTERRUPTER (E) EXISTING TO REMAIN (N) NEW (ERR) EXISTING TO BE REMOVED AND RELOCATED (ERRP) EXISTING TO BE REMOVED AND REPLACED	



DSA APPL.#	PROJECT NO
01-121662	23194



Diagram illustrating the cross-section of a footing and wall assembly, showing dimensions and material specifications:

- FOOTING**: The base foundation.
- 9"**: Dimension for the footing width.
- 18" MIN.**: Minimum dimension for the footing height.
- 3" MIN.**: Minimum dimension for the footing thickness.
- 2" MIN.**: Minimum dimension for the footing thickness.
- 3" MIN.**: Minimum dimension for the footing thickness.
- 24" MIN.**: Minimum dimension for the footing thickness.
- FINAL GRADE**: The top surface of the ground.
- BACKFILL SEE SPECS.**: Reference to the backfill material specifications.
- UNDERGROUND WARNING TAPE "CAUTION-ELECTRIC LINE BURIED BELOW" DISTRIBUTED BY SETON NAME-PLATE CORP. OR EQUAL**: The warning tape is shown below the footing.
- PVC SCHEDULE 40 CONDUIT SIZE(S) & NUMBER AS REQUIRED**: The conduit is shown below the warning tape.

Diagram illustrating the installation of a motor unit (MECH. UNIT) on a foundation. The unit is mounted on a concrete foundation. The diagram shows the following components and labels:

- HP RATED NEMA 12 DISCONNECT SWITCH**: Located to clear removable items on MECH. UNITS.
- SEALITE FLEX TO MOTOR CONNECTION BOX**: A flexible connection between the motor and the unit.
- KINDORF "GALV-KROM" CHANNEL AND FITTINGS**: Mount independent of MECH. UNIT FOUNDATION.
- SECURE TO FLOOR WITH (4) 3/8" T22 EXPANSION BOLTS W/ 2" EMBEDMENT. PER ESR-4266, MIN. SPACING REQ. IS 2-1/4". ADJUST ACCORDINGLY. SEE DETAIL 4/SO.1.**: The unit is secured to the floor using four expansion bolts.
- 3'-0" MIN.**: The minimum height of the unit above the floor.

NOTE:

SUPPORT AND LOCATE INCOMING CONDUIT TO SUIT ACTUAL.

3 TYPICAL DISCONNECT DETAIL

.#	PROJECT NO.
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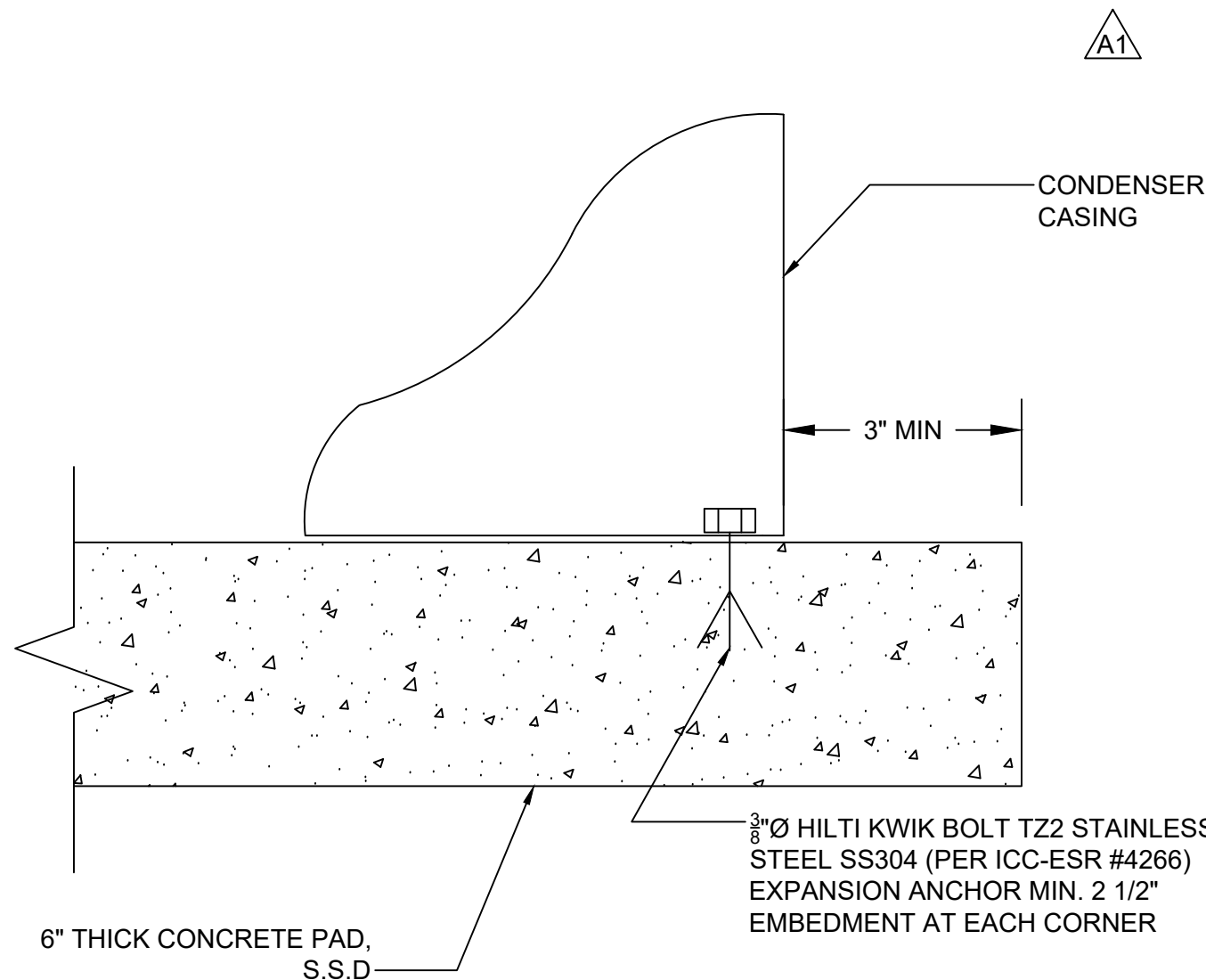
GENERAL NOTES

- 1 BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- 2 EXACT LOCATIONS AND MOUNTING HEIGHTS OF PLUMBING FIXTURES SHALL BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS.
- 3 SEE ARCHITECTURAL DRAWINGS FOR ADA FIXTURE LOCATIONS AND MOUNTING HEIGHTS. (INSULATE ALL EXPOSED HOT AND COLD WATER AND DRAIN PIPING BELOW ADA LAVATORIES AND SINKS AND OFFSET T-TRAP AGAINST WALL. ALSO, ALL FLUSH VALVES SHALL BE TO WIDE SIDE OF STALL.)
- 4 TRAPS FOR ALL LAVATORIES AND SINKS SHALL TRAP STRAIGHT BACK TO WALL WITH ALL REQUIRED OFFSETS HAPPENING WITHIN THE WALL.
- 5 THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH UTILITY COMPANIES FOR SERVICE IN THE NAME OF THE OWNER AND SHALL PAY ALL MATERIAL AND LABOR COSTS INCIDENTAL TO AN OPERABLE UTILITY SERVICE AS REQUIRED BY THE DESIGNATED GOVERNING AUTHORITIES OF THE CITY.
- 6 ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH ELECTRICAL AND MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.
- 7 THE CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING ACCESS PANELS WITH THE ARCHITECTURAL, REFLECTED CEILING PLANS AND THE ELEC. LIGHTING LAYOUT.
- 8 THE PLUMBING CONTRACTOR SHALL PROVIDE THE WATER, SEWER AND STORM DRAIN SYSTEMS TO A POINT OF CONNECTION SHOWN ON FLOOR PLANS AND SHALL MEET THE INVERT ELEVATION AS FIELD VERIFIED WHILE MAINTAINING REQUIRED PIPE GRADE.
- 9 ANY ALTERATIONS TO A STRUCTURAL MEMBER, SUCH AS CUTTING, BORING, BRAZING, DRILLING, WELDING, ETC. SHALL HAVE PRIOR WRITTEN APPROVAL OF ARCHITECT AND STRUCTURAL ENGINEER.
- 10 ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC., AND THE ARCHITECT PRIOR TO ANY INSTALLATION.
- 11 CONTRACTOR TO PROVIDE WATER HAMMER ARRESTORS AS MANUFACTURED BY JAY R. SMITH. WATER HAMMER ARRESTORS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS ON ALL DOMESTIC WATER BRANCH LINES SERVING FIXTURES.
- 12 ALL PLUMBING FIXTURE VENTS TO TERMINATE A MIN. OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKES.
- 13 ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
- 14 CONTRACTOR SHALL COORDINATE LAYOUT OF ALL BELOW GRADE PIPING AND COMPONENTS WITH GENERAL CONTRACTOR PRIOR TO BID TO DETERMINE EXTENT OF REQUIRED SAW CUTTING, EXCAVATION, AND SUBSEQUENT REPAIR/RESTORATION OF ALL AFFECTED HARDSCAPE AND SOFTSCAPE SURFACES. ALL SUCH ITEMS SHALL BE INCLUDED IN BID.
- 15 BEFORE FABRICATION OR INSTALLATION THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND EQUIPMENT PROVIDED UNDER ANOTHER SECTION OF SPECIFICATIONS. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN FIELD.
- 16 ALL POINTS OF CONNECTION SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR PRIOR TO BID.
- 17 ALL WASTE AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
- 18 ALL VALVES, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- 19 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH AND BE CONSIDERED TO BE A PART OF SEPARATE AND COMPLETE MECHANICAL SPECIFICATIONS.
- 20 CONNECTION BETWEEN INCOMPATIBLE MATERIALS ABOVE GRADE AND INSIDE BUILDING SHALL BE MADE WITH TWO (2) DIELECTRIC UNIONS SEPARATED BY A SIX INCH (6") SECTION OF RED BRASS PIPE.
- 21 ALL EXTERIOR GAS COOKS, WATER SHUT OFF VALVES AND/OR SEWER CLEANOUTS BELOW GROUND SHALL BE INSTALLED IN YARD BOARDS WITH THE COVERS CONSPICUOUSLY MARKED "GAS," "WATER," AND "SEWER" RESPECTIVELY.
- 22 THE CONTRACTOR SHALL VERIFY THE EXACT ELEVATIONS AND LOCATION OF EXISTING DRAINAGE SYSTEM PIPING PRIOR TO CONNECTION OF ANY PIPING.
- 23 ALL HORIZONTAL PIPING LINES EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT THE HIGHEST POSSIBLE ELEVATIONS AND NOT LESS THAN 6" ABOVE THE FLOOR TO PROVIDE CLEARANCE FOR CLEANING. AT WALL OR COLUMN LOCATIONS, PIPING ROUGH-IN SHALL BE STUBBED IN WALLS WHENEVER POSSIBLE.
- 24 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPAIRING ALL AREAS WHICH ARE DAMAGED BY HIS OPERATIONS. IN ADDITION, THE CONTRACTOR SHALL RESTORE TO THEIR ORIGINAL CONDITION ALL EXISTING TO REMAIN STRUCTURE AND NEW CONSTRUCTION DAMAGED BY HIS OPERATIONS.
- 25 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND REPAIRING ALL PAVED AREAS WHICH ARE EXCAVATED AND/OR DAMAGED BY HIS OPERATIONS. IN ADDITION, THE CONTRACTOR SHALL RESTORE TO THEIR ORIGINAL CONDITION ALL PLANTED AREAS DAMAGED BY HIS OPERATIONS.
- 26 ALL PATCHING AND REPAIRING OF CONCRETE PAVING AND/OR WALKS SHALL BE UNDER ANOTHER SECTION OF THE SPECIFICATIONS.
- 27 ALL EXISTING PIPING DAMAGED DURING EXCAVATION SHALL BE REPAIRED WITH MATERIALS TO MATCH EXISTING BY THE CONTRACTOR AT NO COST TO THE OWNER.
- 28 ALL CUTTING OF EXISTING PAVING, WALKS AND/OR FLOORS SHALL BE BY MACHINE SAW CUTTING. HOLES FOR PIPES IN CONCRETE WALLS OR FLOORS SHALL BE DONE BY CORE DRILLING EQUIPMENT.
- 29 ALL PIPING, EXCEPT PIPING OF NONFERROUS MATERIAL, INSTALLED WITHIN THE GROUND SHALL BE PROTECTED AGAINST CORROSION BY A PROTECTIVE COVERING SUITABLE FOR THE PURPOSE AND SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL. ANY PIPING SUBJECT TO UNDOE CORROSIVE ACTION SHALL BE PROTECTED IN A MATTER SUITABLE FOR THE PURPOSE AND SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL.
- 30 ALL PENETRATIONS AND OPENINGS IN PARTY WALLS AND ROOF/FLOOR/CEILING ASSEMBLIES DUE TO PLUMBING WORK SHALL BE SEALED LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE REQUIRED FIRE AND SOUND RATING.

PLUMBING LEGEND		
SYMBOL	ABBREVIATION	DESCRIPTION
	W	SANITARY WASTE/SEWER PIPING
	GW	GREASE WASTE PIPING
	SD	STORM DRAIN PIPING
	OFD	OVERFLOW DRAIN PIPING
	V	WASTE/SANITARY VENT PIPING
	GV	GREASE VENT PIPING
		DEMO FIXTURE/PIPING
	(E)W	EXISTING SANITARY SEWER PIPING
	(E)V	EXISTING SANITARY VENT PIPING
	CW	DOMESTIC COLD WATER PIPING
	HW	DOMESTIC HOT WATER PIPING
	HWR	DOMESTIC HOT WATER RETURN PIPING
	(E)CW	EXISTING COLD WATER PIPING
	(E)HW	EXISTING HOT WATER PIPING
	(E)HWR	EXISTING HOT WATER RETURN PIPING
	G	NATURAL GAS PIPING
	MPG	MEDIUM PRESSURE NATURAL GAS PIPING
	(E)G	EXISTING NATURAL GAS PIPING
	(E)MPG	EXISTING MEDIUM PRESSURE NATURAL GAS PIPING
	CD	CONDENSATE DRAIN PIPING
	C	PIPE GOING DOWN
	U	PIPE GOING UP
	T	TEE
	FCO	FLOOR CLEANOUT/CLEANOUT TO GRADE
	OC	P-TRAP
	POC	POINT OF CONNECTION
	WCO	WALL CLEANOUT
		PIPE CAP
	HB	HOSE BIBB
	SOV	SHUT-OFF VALVE
	SOVAP	SHUT-OFF VALVE BEHIND ACCESS PANEL
	SOVYB	SHUT-OFF VALVE IN YARD BOX
		PLUG VALVE
	BV	BALANCING VALVE/CIRCUIT SETTER
		GAS COCK VALVE
		PRESSURE REDUCING VALVE
		CHECK VALVE
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	XXX	EQUIPMENT OR FIXTURE
	CONT.	CONTINUED/CONTINUATION
	DFM	DISTANCE FROM METER
	FR.	FROM
	BEL.	BELOW
	DN.	DOWN
	VTR	VENT THROUGH ROOF
	AP	ACCESS DOOR
	NIC	NOT IN CONTRACT
	REF.	REFERENCE
	S.A.D.	SEE ARCHITECTURAL DRAWINGS
	S.M.D.	SEE MECHANICAL DRAWINGS
	S.C.D.	SEE CIVIL DRAWINGS
	S.S.D.	SEE STRUCTURAL DRAWINGS
	SF	SQUARE FEET

LIST OF CODES AND STANDARDS MODEL CODE EDITIONS EFFECTIVE JANUARY 1, 2023
2022 CA BUILDING CODE TITLE 24 PART 2 VOLUME #1 AND #2
2022 CA ELECTRICAL CODE TITLE 24 PART 3
2022 CA MECHANICAL CODE TITLE 24 PART 4
2022 CA PLUMBING CODE TITLE 24 PART 5
2022 CA FIRE CODE TITLE 24 PART 9
2022 CA BUILDING STANDARDS TITLE 24 PART 9

TAG	"THERMALRITE" MODEL	MCA/MOCP	ELECT V/I/Hz	WEIGHT (LBS)	ANCHORAGE DETAIL (DETAIL #/SHEET #)
CU-1, CU-2	LCH0025LBACZC2463	37.5 / 40	208/1/60	230	1 / MP.0.1



NOT TO SCALE



School Name and Address
Kennedy Middle School
821 Bubb Rd, Cupertino, CA 95014

Engineer



Architecture Planning Interiors
3675 Mt. Diablo Blvd., Suite 310
Lafayette, CA 94549
(415) 362-8081 (415) 362-8082 fax

Consultants



Project Name

COOLER & FREEZER INSTALLATION

DSA SUBMITTAL 07/19/202

[illegible]

THIS SHEET IS PART OF A COMPLETE DOCUMENT SET. IT SHALL BE USED IN CONJUNCTION WITH THE COMPLETE SET AND NOT AS AN INDIVIDUAL SHEET.

DRAWING TITLE

PLUMBING: GENERAL NOTES AND LEGEND, AND MECHANICAL SCHEDULE AND DETAIL

SHEET NO.

JOB NO.

23017-CMS

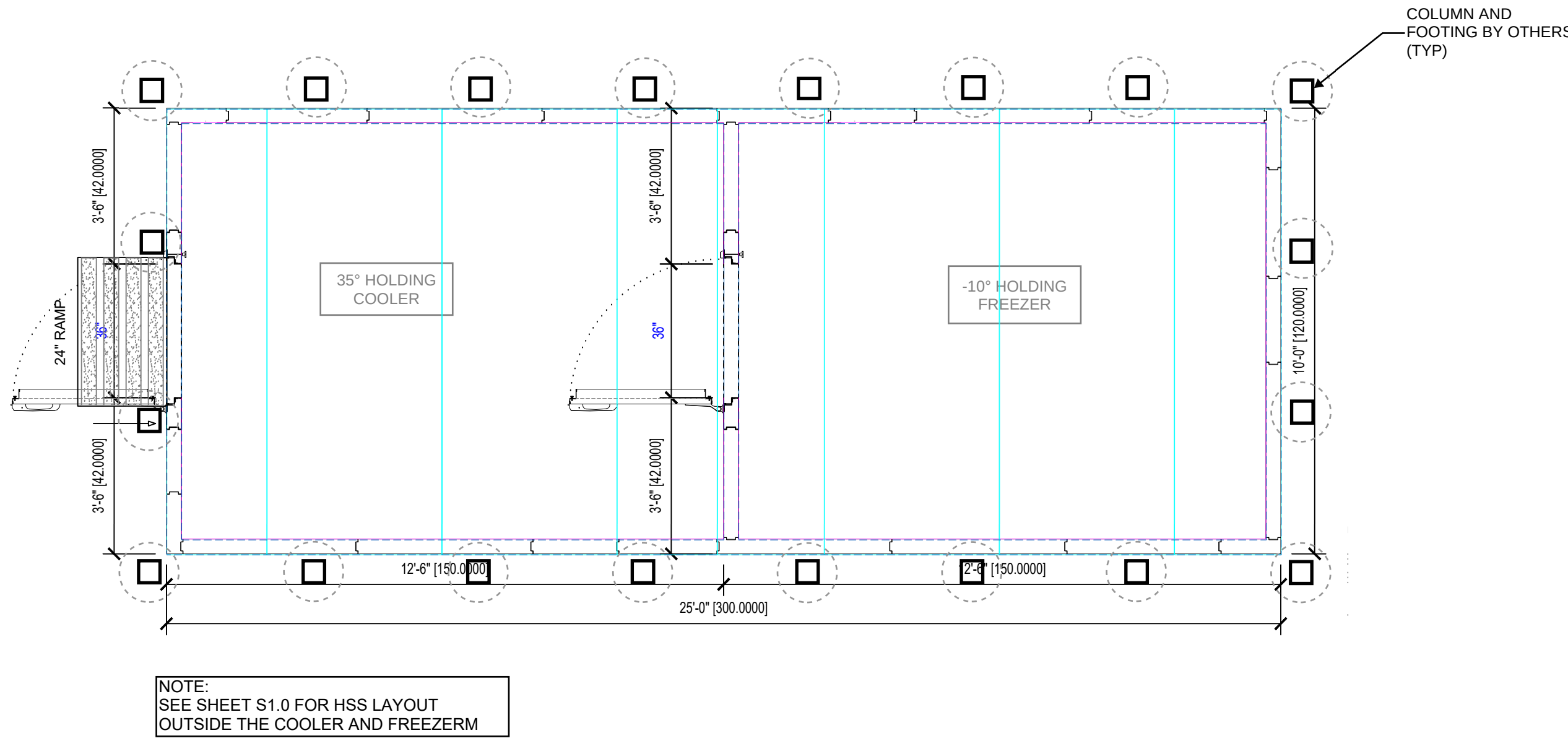
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DATE	DRAFTER	CHECKED BY
09/18/2024	SW	JC

DSA APPL

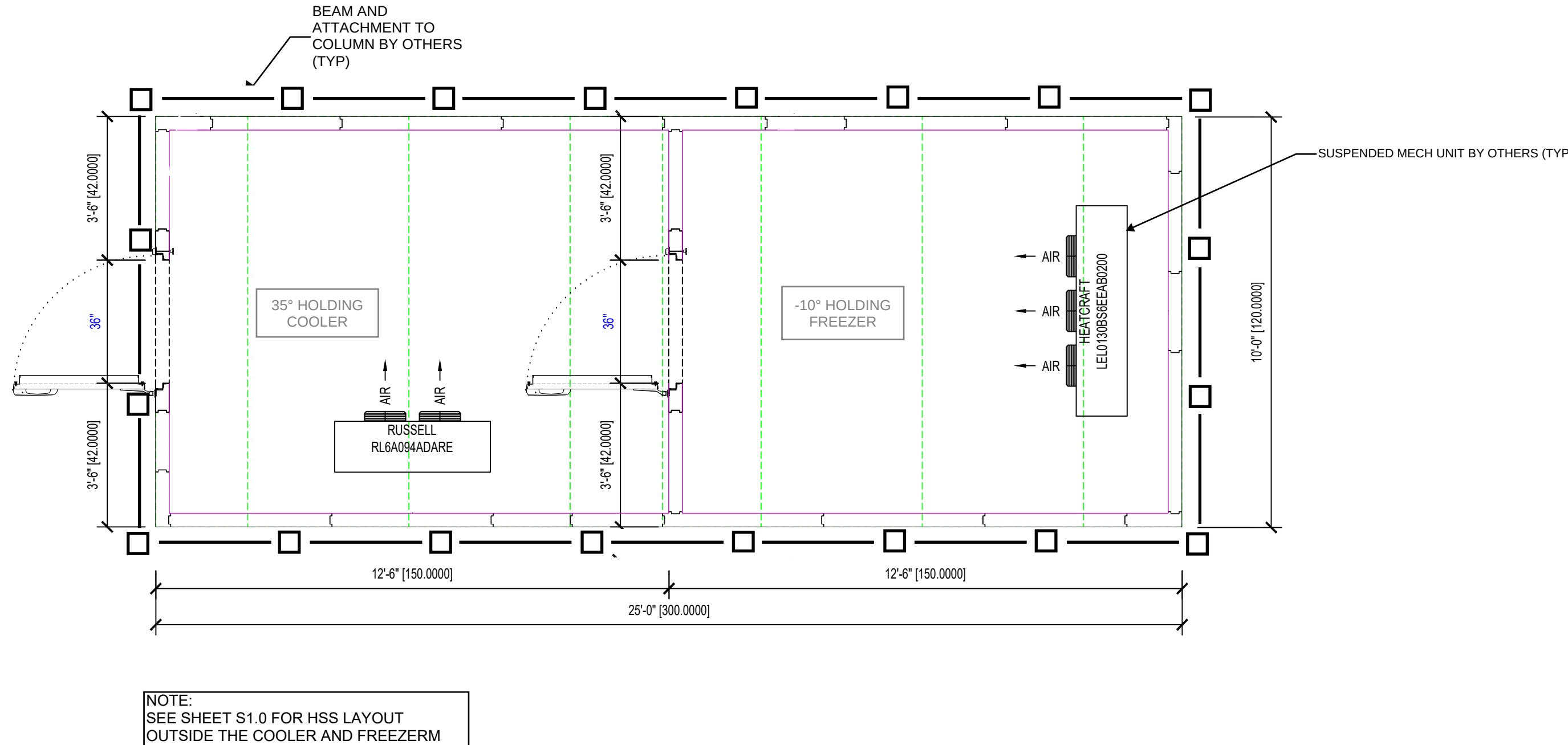
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FLOOR PANEL PLAN 3/8"=1'-0" 1

NOTE: EVAPORATOR COILS WITH MAXIMUM WEIGHT OF 150LBS AND LIGHTS ARE ONLY ITEMS TO BE ATTACHED TO PANELS. NO ADDITIONAL ATTACHMENTS SHALL BE MADE WITHOUT PRIOR APPROVAL.



UNIT DESCRIPTION

- OVERALL HEIGHT OF WALK-IN = 96 IN
- WALL
THICKNESS = 4"
RAIL TYPE = FOAM
INTERIOR SKIN = 24 GA SANISTEEL
EXTERIOR SKIN = 26 GA ACRYLUME
- CEILING
THICKNESS = 5"
RAIL TYPE = WOOD
INTERIOR SKIN = 24 GA SANISTEEL
EXTERIOR SKIN = 26 GA ACRYLUME
- FLOOR
THICKNESS = 4-1/8"
RAIL TYPE = FOAM
INTERIOR SKIN = 18 GA ALUMINUM
EXTERIOR SKIN = 26 GA ACRYLUME

WALL/CEILING PANEL PLAN 3/8"=1'-0" 2

STRUCTURAL NOTES

GENERAL

- WALK-IN COOLERS AND FREEZERS ARE MANUFACTURED BY:
THERMALRITE
15600 37TH AVENUE N., SUITE 100
PLYMOUTH, MN 55446
PANELS ARE CONSTRUCTED IN ACCORDANCE WITH LARR 24543.
- ANCHORAGE DETAILS PROVIDED MAY ONLY BE USED IF THE OWNER VERIFIES THE REQUIREMENTS OF THE DETAILS CAN BE MET. OTHERWISE, ANCHORAGE SHALL BE PRESCRIBED BY A REGISTERED DESIGN PROFESSIONAL TO MEET SITE CONDITIONS.
- POST INSTALLED ANCHORS REQUIRE SPECIAL INSPECTION PER SECTION 1705A.1 OF THE APPLICABLE CODE.
- FOUNDATION DESIGN AND DOCUMENTATION BY OTHERS.
- DESIGN OF SOIL (BEARING, PASSIVE RESISTANCE, ETC...) SHALL BE BY OTHERS.

DESIGN DATA

SITE LOCATION: CUPERTINO, CA
APPLICABLE CODE: 2022 CALIFORNIA BUILDING CODE (2022 CBC)
AND LATEST REVISIONS

DESIGN LOADS

- ROOF LIVE LOAD = 20 PSF
- SEISMIC ANALYSIS PER CHAPTER 16A OF THE CODE UTILIZING THE FOLLOWING PROCEDURE:
- EQUIVALENT LATERAL FORCE PROCEDURE
RISK CATEGORY = II
IMPORTANCE FACTOR = 1.00
SITE CLASS = D (DEFAULT)
S_s = 1.805
SEISMIC DESIGN CATEGORY = E
- WIND ANALYSIS PER CHAPTER 16A OF THE CODE
RISK CATEGORY = II
BASIC WIND SPEED = 95 MPH
WIND EXPOSURE = C

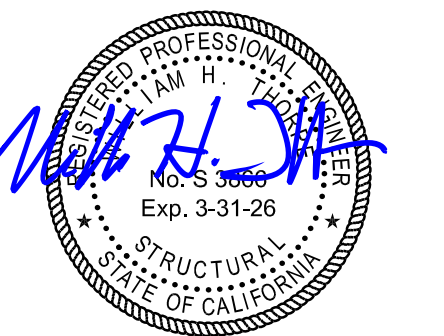


15600 37TH AVENUE, SUITE 100
PLYMOUTH, MN 55446
PHONE (763) 541-1410 FAX (763) 541-1563
http://www.everidge.com



18400 Von Karman Ave., Suite 600
Irvine, CA 92612
O: 949.252.1022
F: 949.252.8082
www.kpff.com

Seal/Signature



REV	DESCRIPTION	DATE	BY
2	RESPONSE TO PLAN CHECK COMMENTS - V2	12/20/24	CT
1	RESPONSE TO PLAN CHECK COMMENTS - V1	12/18/24	SR

KPFF ENGINEER: SR
KPFF PROJECT NO.: 2400289

Customer/Dealer
PREMIER FOODSERVICE (CA)
PO BOX 1257
LAFAYETTE, CA 94549

Site Information
KENNEDY MIDDLE SCHOOL
821 BUBB RD.
CUPERTINO, CA
95014

Create Dwg Date: 7/29/2024

Project # E067098-01

Sheet # QS-1

NOT USED 5		<table> <thead> <tr> <th colspan="3">TYPICAL EXTERIOR WALL SCHEDULE</th> </tr> <tr> <th>WALL PANEL HEIGHT</th> <th>MAX ANCHOR SPACING</th> <th>MAX SCREW SPACING</th> </tr> </thead> <tbody> <tr> <td>96"</td> <td>24" OC</td> <td>-</td> </tr> </tbody> </table> NOTES: 1. ANCHORS SHALL BE 1/4"Ø HILTI "KH-EZ" W/ 1 5/8" MIN EMBED (ICC ESR-3027, LARR 25897), TYP, UNO. 2. AT THERMAL BREAK PROVIDE 8d COMMON NAIL @ 12" OC. 3. PROVIDE MIN (2) ANCHORS PER BENT PLATE.	TYPICAL EXTERIOR WALL SCHEDULE			WALL PANEL HEIGHT	MAX ANCHOR SPACING	MAX SCREW SPACING	96"	24" OC	-	EVERIDGE EVERY STEP OF THE WAY THERMALRITE 15500 37TH AVE N, SUITE 100 PLYMOUTH, MN 55448 PHONE (763) 541-1410 FAX (763) 541-1503 http://www.everidge.com kppf 18400 Von Karman Ave., Suite 600 Irvine, CA 92612 O: 949.252.1022 F: 949.252.6862 www.kppf.com Seal/Signature 																														
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NOTE: SPECIAL INSPECTION REQUIRED FOR POST-INSTALLED ANCHORS.	<table> <thead> <tr> <th colspan="3">TYPICAL CAM-LOCK CONNECTIONS</th> </tr> <tr> <th>RAIL LENGTH, L</th> <th># CAM-LOCKS REQD</th> <th>MAX SPACING</th> </tr> </thead> <tbody> <tr> <td>L < 30"</td> <td>(1)</td> <td>15" OC</td> </tr> <tr> <td>30" ≤ L ≤ 36"</td> <td>(2)</td> <td>20" OC</td> </tr> <tr> <td>36" < L ≤ 68"</td> <td>(2)</td> <td>45" OC</td> </tr> <tr> <td>68" < L ≤ 116"</td> <td>(3)</td> <td>46" OC</td> </tr> <tr> <td>116" < L ≤ 164"</td> <td>(4)</td> <td>47" OC</td> </tr> <tr> <td>164" < L ≤ 212"</td> <td>(5)</td> <td>47" OC</td> </tr> <tr> <td>212" < L ≤ 263.5"</td> <td>(6)</td> <td>48" OC</td> </tr> <tr> <td>263.5" < L ≤ 300"</td> <td>(7)</td> <td>46" OC</td> </tr> </tbody> </table>	TYPICAL CAM-LOCK CONNECTIONS			RAIL LENGTH, L	# CAM-LOCKS REQD	MAX SPACING	L < 30"	(1)	15" OC	30" ≤ L ≤ 36"	(2)	20" OC	36" < L ≤ 68"	(2)	45" OC	68" < L ≤ 116"	(3)	46" OC	116" < L ≤ 164"	(4)	47" OC	164" < L ≤ 212"	(5)	47" OC	212" < L ≤ 263.5"	(6)	48" OC	263.5" < L ≤ 300"	(7)	46" OC	<table> <thead> <tr> <th colspan="3">TYPICAL EXTERIOR WALL SCHEDULE</th> </tr> <tr> <th>WALL PANEL HEIGHT</th> <th>MAX ANCHOR SPACING</th> <th>MAX SCREW SPACING</th> </tr> </thead> <tbody> <tr> <td>96"</td> <td>24" OC</td> <td>-</td> </tr> </tbody> </table> NOTES: 1. ANCHORS SHALL BE 1/4"Ø HILTI "KH-EZ" W/ 1 5/8" MIN EMBED (ICC ESR-3027, LARR 25897), TYP, UNO. 2. AT THERMAL BREAK PROVIDE 8d COMMON NAIL @ 12" OC. 3. PROVIDE MIN (2) ANCHORS PER BENT PLATE.	TYPICAL EXTERIOR WALL SCHEDULE			WALL PANEL HEIGHT	MAX ANCHOR SPACING	MAX SCREW SPACING	96"	24" OC	-	EVERIDGE EVERY STEP OF THE WAY THERMALRITE 15500 37TH AVE N, SUITE 100 PLYMOUTH, MN 55448 PHONE (763) 541-1410 FAX (763) 541-1503 http://www.everidge.com kppf 18400 Von Karman Ave., Suite 600 Irvine, CA 92612 O: 949.252.1022 F: 949.252.6862 www.kppf.com Seal/Signature
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