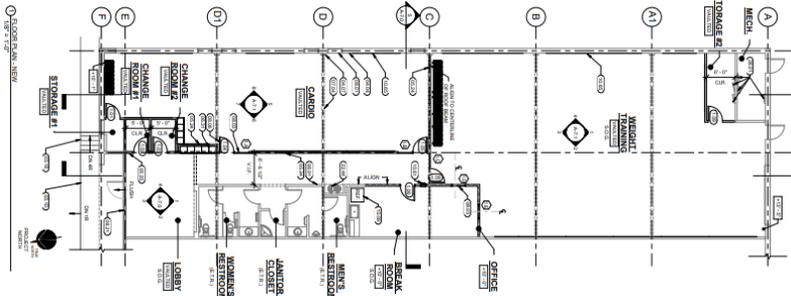




City of Campbell
70 North First Street
Campbell, CA 95008 -1423

Project Image



Notice of Public Hearing

Dear Campbell Resident,

September 1, 2023

The Planning Commission of the City of Campbell will hold a Public Hearing at 7:30 p.m., or shortly thereafter, on Tuesday September 12, 2023, in the City Hall Council Chambers, 70 North First Street, Campbell, California, to consider the following item:

Project Address: 490 Division Street

Zoning | Area Plan: RD | N/A

Neighborhood Association(s): N/A

Council District: 1

File No: PLN-2023-72

APN: 424-33-105

Applicant: Move It Silicon Valley

Property Owner: South Bay Development (Jim Mair)

Application Type: Conditional Use Permit

Project Planner: Tracy Tam, Associate Planner

Email Contact: tracyt@campbellca.gov

Phone Contact: (408) 871-5103

Project Description:

To allow a new large studio use (i.e. fitness training) in an existing building.

You may participate virtually or watch online:

- ◇ Register online to speak via Zoom:
(<https://campbellca.gov/PCSignup>.)
- ◇ Watch YouTube live-stream:
(<https://www.youtube.com/user/CityofCampbell>.)

Hearing impaired or TTY/TDD text telephones users may contact the City by dialing 711 for California Relay Services (CRS) or by telephoning any other providers' CRS telephone number. We may provide appropriate aids and communication services for qualified persons with disabilities such as: sign language interpreters, assistive hearing devices, and other services for people with speech vision, and hearing impairments

Please be advised that if you challenge this item in court, you may be limited to raising only those items identified at the Public hearing or submitted in writing to the Planning Division at, or prior to, the Public Hearing. Failure to exhaust all administrative appeals may preclude a challenge in court.



- City of Campbell -
Community Development Department
70 N. First Street, Campbell CA 95008
(408)866-2140 | planning@campbellca.gov

Note: Applications may change after initial application submittal. To view the project plans, please scan the QR code.

****Asistencia en Español disponible, Simplemente marque (408) 866-2140 y pida traduccion en Español**



MOVE IT SILICON VALLEY

BUILDING PERMIT SET

490 DIVISION ST, CAMPBELL, CA 95008

PROJECT INFORMATION

PROJECT DIRECTORY

OWNER
MOVE IT SILICON VALLEY
1190 DELL AVE.
CAMPBELL, CA 95008
(408) 399-8900

ARCHITECT
BRAD COX ARCHITECT, INC.
1155 MERIDIAN AVE., SUITE 208
SAN JOSE, CA 95125
(408) 838-3667

ATTN: MARK FREDERICK
movit@msn.com

ATTN: XU-CHEN WANG
xu-chen@bradcoarchitect.com
(669) 699-6442

PROJECT MANAGER
FEECE GROUP LLC
2714 W KINGSLEY RD SUITE H,
GARLAND, TX 7504
(408) 398-2356

GENERAL CONTRACTOR
-TBD-

ATTN: DOUGLAS FEECE
dfeece@feecgroup.com

BRAD COX
Architect
inc
community
residential

Brad Cox, Architect, Inc.
LEED AP, AIA
(408) 838-3667
1155 MERIDIAN AVENUE, SUITE 208
SAN JOSE, CA 95125



PROJECT DATA

ASSESSOR'S PARCEL NUMBER	424-33-105
OCCUPANCY	GROUP B
TYPE OF CONSTRUCTION	TYPE III-B
USE	INDUSTRIAL
ZONING	C-M
GROSS LOT SIZE (ACRES)	4.55
TOTAL NEW AREA ADDED (SQ. FT.)	0
(E) FLOOR AREA REMODELED (SQ. FT.)	5,100
LOCATED IN WUI AREA	NO
LOCATED IN FLOOD ZONE	NO / ZONE X
EXISTING SPRINKLERS	YES

	EXISTING	TOTAL PROPOSED	ALLOWED/REQUIRED
SETBACKS:			
FRONT (ETR)	(ETR)	(ETR)	20'-0"
REAR (ETR)	(ETR)	(ETR)	10'-0"
RIGHT (ETR)	(ETR)	(ETR)	10'-0"
LEFT (ETR)	(ETR)	(ETR)	10'-0"
HEIGHT (FEET)	(ETR)	(ETR)	45'-0"
STORIES	1	1	N/A

PROJECT DESCRIPTION

THIS PROJECT INCLUDES A TENANT IMPROVEMENT TO CHANGE THE EMPTY WARM SHELL SPACE TO BECOME A PERSONAL EXERCISE SPACE FOR "MOVE IT SILICON VALLEY" WHICH PROVIDES APPOINTMENT-ONLY, ONE-ON-ONE PERSONAL TRAINING WITH TWO STUDIOS FOR PERSONAL TRAINING: WEIGHTS AND CARDIO. THE TENANT WILL MAKE FULL USE OF THE FULLY ACCESSIBLE TOILET ROOMS, JANITOR CLOSET, ENTRY, AND PARKING, AS PROVIDED UNDER PREVIOUS MASTER BUILDING PERMIT SET.

DEFERRED SUBMITTALS

- MODIFICATION TO EXISTING AUTOMATIC SPRINKLER CONFIGURATION.

SHEET INDEX

ARCHITECTURAL

- A-0.0 COVER SHEET
- A-0.1 CALGREEN MEASURES
- A-0.2 CALGREEN MEASURES
- A-0.3 CALGREEN MEASURES
- A-0.4 CONDITIONS OF APPROVAL
- A-1.0 SITE PLAN & ACCESSIBILITY
- A-2.0 FLOOR PLAN - DEMOLITION
- A-3.0 FLOOR PLAN - NOTES & SCHEDULES
- A-3.1 FLOOR PLAN - NEW
- A-3.2 FLOOR PLAN - EGRESS
- A-3.3 FLOOR PLAN - FINISH
- A-3.4 FLOOR PLAN - FIXTURE & EQUIPMENT
- A-4.0 LIGHTING & REFLECTED CEILING PLAN
- A-7.0 BUILDING SECTIONS & INTERIOR ELEVATIONS
- A-7.1 INTERIOR ELEVATIONS
- A12.0 DETAILS
- A12.1 DETAILS

IF THIS DRAWING IS NOT 24" x 36", THEN ITS SIZE HAS BEEN ALTERED, WHICH WILL AFFECT THE SCALE OF THE DRAWINGS. DO NOT SCALE DRAWINGS. USE GRAPHIC SCALES.

REVISIONS

NO.	DATE	DESCRIPTION

05/11/23

DATE

COVER SHEET

A-0.0

SHEET

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ABBREVIATIONS

A.B. ANCHOR BOLT	G.A. GALVANIZED	REM. REMOVE
A.C. ASPHALT CONCRETE	G.B. GRAB BAR	RAD. RADIUS
ACOUS. ACOUSTICAL	GLS. GLASS	R.D. ROOF DRAIN
A.D. AREA DRAIN	GRD. GRADE	R.E. RIM ELEVATION
ADJ. ADJUSTABLE	G.S. GALVANIZED STEEL	REV. REVISION
ALUM. ALUMINUM	GYP. GYP/UM	RISER RISER
∠ ANGLE	GALVANIZED SHEET	REINFORCING REINFORCING
@ AT	METAL	RM. ROOM
A.P. ACCESS PANEL	H.B. HOSE BIBB	REQ. REQUIRED
ARCH. ARCHITECT	H.C. HOLLOW CORE	R.H. RIGHT HAND
BRD. BOARD	HDR. HEADER	R.O. ROUGH OPENING
BET. BETWEEN	HDW. HARDWARE	R.W.D. REDWOOD
BLDG. BUILDING	HORIZ. HORIZONTAL	RWL. RAIN
BLKG. BLOCKING	HR. HOUR	WATER LEADER
B.M. BENCH MARK	HT. HEIGHT	SNK. SOLID CORE
BOT. BOTTOM	HWD. HARDWOOD	S.C. SASH DIMENSION
B.S. BOTH SIDES	H.M. HOLLOW MTL.	S.D. SECOND DWELLING UNIT
BSMT. BASEMENT	I.D. INSIDE DIAMETER	SHT. SHEET
B.W. BOTH WAYS	INCL. INCLUDE	SHTG. SHEETING
CAB. CABINET	INSUL. INSULATION	SIM. SIMILAR
COL. CHALK BOARD	INT. INTERIOR	S.M. SHEET METAL
CER. CERAMIC	INV. INVERT	SPEC. SPECIFICATION
CFL. COUNTER FLASHING	JAN. JANITOR	SQ. SQUARE
C.B. CATCH BASIN	J.H. JOIST HANGER	S.S. STAINLESS STEEL
CBLT. COUNTER BOLT	K.D. KILN DRIED	S/S SERVICE SINK
C. CENTER LINE	L.V.R. LOUVER	STR. STRUCTURAL
C.G. CORNER GUARD	LAM. LAMINATED	STOR. STORAGE
CH. CHANNEL	LAV. LAVATORY	STL. STEEL
CHT. CEILING HEIGHT	L.D. LOUVER DIMENSION	SUS. SUSPENDED
CONST. CONSTRUCTION	LAM. LAMINATED PLASTIC	TRD. TREAD
CEILING CEILING	LAV. LAVATORY	TACKBOARD TACKBOARD
C.I. CAST IRON	L.D. LOUVER DIMENSION	T.C. TOP OF CURB
C.J. CONSTRUCTION JOINT	LAM. LAMINATED PLASTIC	TEL. TELEPHONE
CLR. CLEAR	M. MASONRY	T&G. TONGUE & GROOVE
COL. COLUMN	MAX. MAXIMUM	T.J. TOP OF JOIST
COM. COMMON	MAT. MATERIAL	TRPL. TRIPLE
CONC. CONCRETE	M.B. MACHINE BOLT	TYP. TYPICAL
CONT. CONTINUOUS	MECH. MECHANICAL	TEMP. TEMPERED
CORR. CORRUGATED	M.E. METAL EDGE	U.L. UNDERWRITERS LABEL
COTRSK. COUNTERSINK	MFR. MANUFACTURER	U.O.S. UNLESS OTHERWISE SHOWN
C.A.H.R. CLEAR ALL HEART CERAMIC TILE	MIN. MINIMUM	U.N.O. UNLESS NOTED OTHERWISE
D. DRAIN	MISC. MISCELLANEOUS	V.C.T. VINYL COMPOSITION TILE
DBL. DOUBLE	M.L. MACHINE LATH	V.B. VINYL BASE
DET. DETAIL	MUL. MULLION	V.F. VERIFY IN FIELD
DF. DOUGLAS FIR	M.S. MACHINE SCREW	V.G. VERTICAL GRAIN
D.F. DRINKING FOUNTAIN	M.T. METAL THRESHOLD	V.B. VITRIFIED CLAY PIPE
DIA. DIAMETER	N. NORTH	V.T.R. VENT TO ROOF
DIAG. DIAGONAL	N.I.C. NOT IN CONTRACT	V.T.W. VENT TO WALL
DIM. DIMENSION	NO. NUMBER	W/ WITH
DR. DOOR	NOM. NOMINAL	W.C. WATER CLOSET
D.S. DOWNSPOUT	NTS. NOT TO SCALE	W.D. WINDOW DIMENSION
DWG. DRAWING	OBSC. OBSCURE	WD. WOOD
E.A. EACH	O.C. ON CENTER	W.P. WATERPROOF
E.B. EXPANSION BOLT	O.D. OUTSIDE DIAMETER/ DIMENSION	W.S. WOOD SCREW
E.J. EXPANSION JOINT	O.F. OVERFLOW DRAIN	WSCOT. WAINSCOT
EL. ELEVATION	O.F.S. OUTSIDE FACE OF STUD	W.W.F. WELDED WIRE FABRIC
ELEC. ELECTRICAL	OPP. OPPOSITE	
ELEV. ELEVATOR	PARTN. PARTITION	
EMER. EMERGENCY EQUIPMENT	P.B. PANIC BOLT	
(E) EXISTING	P.L. PLATE LINE	
EXH. EXHAUST	PLAS. PLASTER	
EXP. EXPOSED	P.L. PROPERTY LINE	
EXT. EXTERIOR	PLWD. PLYWOOD	
EQ. EQUAL	P.T. PRESSURE TREATED	
F.A. FIRE ALARM	P.T.D.F. PRESSURE TREATED DOUGLAS FIR	
F.B. FACE BRICK	QT. QUARRY TILE	
F.D. FLOOR DRAIN		
F.E. FIRE EXTINGUISHER		
FIN. FINISH		
FLR. FLOOR		
FLRG. FLOORING		
FND. FOUNDATION		
F.O.C. FACE OF CONCRETE		
F.O.F. FACE OF FINISH		
F.O.S. FACE OF STUD		
F.P. FIRE PLACE		
FTG. FOOTING		
FG. FIXED GLASS		

GENERAL NOTES

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY AND ALL DISCREPANCIES IN THE CONSTRUCTION DRAWINGS PRIOR TO THE COMMENCEMENT OF ANY WORK, OR FINALIZATION OF CONTRACT PRICE.
- THE ARCHITECT IS NOT RESPONSIBLE FOR THE DESIGN, COORDINATION, OR IMPLEMENTATION OF ANY WORK PERFORMED BY CONSULTANTS WHICH ARE NOT DIRECTLY RETAINED BY THE ARCHITECT.
- THE CONTRACTOR OR SUBCONTRACTOR WARRANTS ALL WORK TO BE PERFORMED AND ALL MATERIALS TO BE FURNISHED UNDER THIS CONTRACT AGAINST DEFECTS IN MATERIALS AND WORKMANSHIP.
- CIVIL, SOIL AND STRUCTURAL ENGINEER'S SPECIFICATIONS TAKE PRECEDENCE OVER THE ARCHITECTURAL SPECS.
- THE ARCHITECT IS NOT RESPONSIBLE FOR THE FABRICATION, ERECTION AND/OR RELATIVE JOB SAFETY. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED SAFETY ORDERS AND WITH OSHA REQUIREMENTS.
- LAYOUT OF NEW WORK IS LARGELY BASED UPON RELATIONSHIPS TO EXISTING SITE AND/OR BUILDING CONDITIONS ALREADY PRESENT. ANY QUESTIONS REGARDING THE INTENT RELATED TO THE LAYOUT OF THE NEW WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF THE WORK.
- THE GENERAL CONTRACTOR AND ALL THE CONTRACTOR'S RETAINED SUBCONTRACTORS ARE TO REVIEW THE DRAWINGS AND VERIFY ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. AFTER SUCH, ANY OBSERVED CONDITIONS WHICH CONFLICT WITH THE INTENT OF CONSTRUCTION DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR INTERPRETATION.
- THE OWNER AND/OR ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY ADDITIONAL EXPENSES TO THE GENERAL CONTRACTOR AND/OR SUBCONTRACTORS IF THE CONDITION CAUSING THE EXPENSE COULD HAVE BEEN DISCOVERED ON SITE AND BY CONTRACT DOCUMENT REVIEW PRIOR TO THE COMMENCEMENT OF ANY WORK.
- PREFERENCE SHALL BE GIVEN TO THE WRITTEN DIMENSIONS OVER SCALED DIMENSIONS. THE CONSTRUCTION DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS ARE INTENDED TO AGREE AND SUPPLEMENT EACH OTHER. ANYTHING INDICATED IN ONE AND NOT IN THE OTHER SHALL BE EXECUTED AS IF IN BOTH. IN CASES OF DIRECT CONFLICT, THE MOST RESTRICTED SHALL GOVERN, AND THE CONTRACTOR IS TO SEEK INTERPRETATION BY THE ARCHITECT.
- REGARDLESS OF DIMENSIONS SHOWN, ALL NEW WORK SHALL ALIGN EXACTLY WITH EXISTING WITH RESPECT TO FLOOR ELEVATIONS, COLUMN CENTERLINES, WALL FACES ETC. (U.N.O.).
- THE ARCHITECT RETAINS OWNERSHIP OF ALL DESIGNS AND IDEAS PRESENTED IN THESE CONSTRUCTION DOCUMENTS AND THEY MAY NOT BE USED ON ANY OTHER PROJECT WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

BUILDING CODE

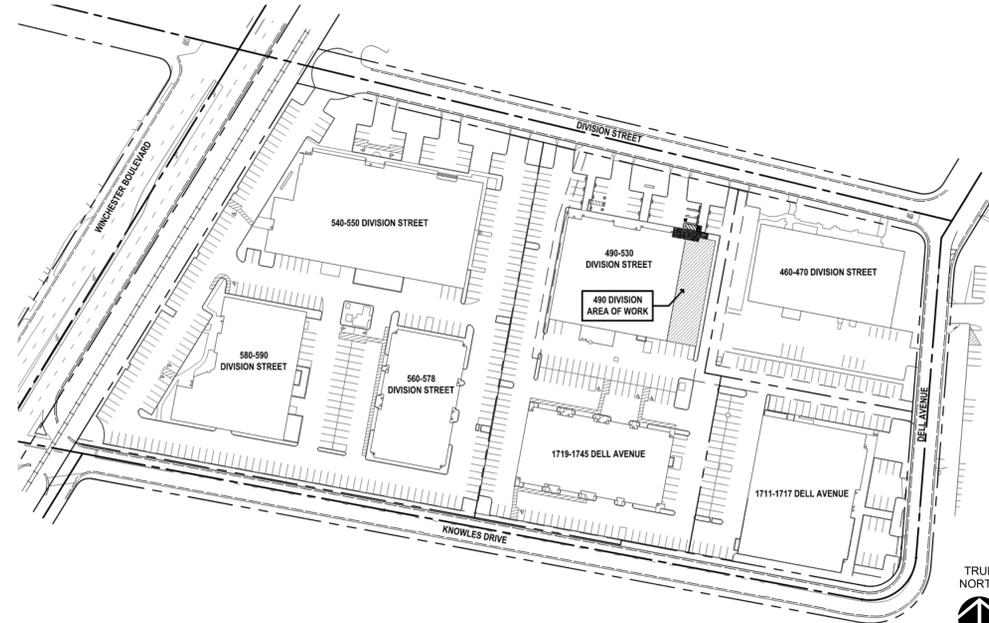
- ALL WORK PURSUANT TO THESE DRAWINGS SHALL COMPLY WITH ALL ORDINANCES AND REGULATIONS WHICH APPLY TO THE WORK AND SHALL IN ANY CASE CONFORM TO:
2022 CALIFORNIA BUILDING CODE, HISTORIC BUILDING CODE, AND EXISTING BUILDING CODE
2022 CALIFORNIA RESIDENTIAL CODE
2022 CALIFORNIA ELECTRICAL CODE
2022 CALIFORNIA MECHANICAL CODE
2022 CALIFORNIA PLUMBING CODE
2022 CALIFORNIA FIRE CODE
2022 CALIFORNIA ENERGY CODE
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
AND LOCAL JURISDICTION CODES & ORDINANCES

POLLUTION

- CONTRACTOR SHALL ALLOW NO SILT, OIL, FUEL, CEMENT OR OTHER MAN MADE FLUIDS TO ENTER THE STORM DRAINAGE SYSTEM. KEEP CONSTRUCTION DEBRIS, PESTICIDES, ANTI-FREEZE, AND PAINT OUT OF THE STORM DRAIN. DO NOT CLEAN ANY CONCRETE TRUCKS OR MASONRY TOOLS ON THE STREET. DO NOT ALLOW CEMENT, CONCRETE OR SAND-FILLED WATER INTO STORM DRAINS, DITCHES, CREEKS OR SWALES.
- DO NOT ALLOW ANY SILT TO RUN OFF SITE DURING RAINS. USE SILT FENCES AND HAY BALE DIKES TO STOP ANY RUN-OFF. WASH MUD FROM TIRES BEFORE ENTERING CITY STREETS. COVER DIRT PILES WITH TARPS DURING RAINS. MOISTEN DRY EARTH DAILY TO PREVENT WIND EROSION. DO NOT ALLOW CEMENT TO BLOW IN THE WIND. WASH CEMENT FINES OF DRIVEWAY INTO DIRT AREAS, NOT GUTTER.
- DO NOT SPILL ANY HAZARDOUS MATERIAL ON SITE INCLUDING DIESEL OIL AND DIESEL FUEL. NEVER BURY ANY WASTE MATERIALS. FIX ALL LEAKING EQUIPMENT, CARS AND TRUCKS.
- IF RAIN IS POSSIBLE. DO NOT PLACE AC PAVING OR SLURRY. DO NOT GRADE WHEN RAINING. REMOVE BROKEN ASPHALT, CLEAN SPILLS WITH ABSORBENT MATERIALS, NEVER HOSE DOWN STREET OR DUMPSTER.

ENERGY

- ALL EXT. WINDOWS, SLIDING GLASS DOORS AND FRENCH DOORS MUST BE LABELED WITH CERTIFIED U-VALUE AND HAVE AN INFILTRATION CERTIFICATE.
- ALL JOINTS AND PENETRATIONS ARE TO BE CAULKED AND SEALED. EXPANDED URETHANE RECOMMENDED.
- DUCTS CONSTRUCTED, INSTALLED AND SEALED ARE TO COMPLY WITH ALL APPLICABLE CODES.
- EXHAUST FANS AND FAN SYSTEMS TO HAVE BACK DRAFT OR AUTOMATIC DAMPERS.
- MASONRY AND FACTORY BUILT FIREPLACES TO HAVE TIGHT FITTING CLOSEABLE METAL OR GLASS DOORS. PROVIDE OUTSIDE AIR.
- INSULATE ALL HOT WATER PIPING R-4. INSULATE 5' OF COLD WATER PIPE AT WATER HEATER. INSULATE ANY RECIRCULATION PIPES.
- HOT WATER HEATERS TO HAVE INTERIOR INSULATION PLUS EXTERIOR INSULATION - TO R-16 CERTIFIED BY CEC.
- INSTALL SHOWER HEADS AND FAUCETS CERTIFIED BY CEC.



1. SITE PLAN - OVERALL NOT TO SCALE

ENERGY

- RECESSED FIXTURES MUST BE LISTED AS AIR TIGHT AND IC (INSULATION COVERED) AND BE COVERED WITH INSULATION IN ATTIC.
- WHERE REQUIRED, HERS VERIFICATION FOR HVAC-DISTRIBUTION, HVAC-FAN SYSTEMS, AND IAQ FANS. PROVIDE THIRD PARTY VERIFICATION TO INSPECTOR PRIOR TO FINAL INSPECTION.
- IF HERS VERIFICATION IS REQUIRED, PROVIDE EVIDENCE OF THIRD PARTY VERIFICATION (HERS) TO PROJECT BUILDING INSPECTOR, PRIOR TO FINAL INSPECTION.

SOIL & CIVIL

- BEFORE ANY EXCAVATION, COORDINATE LOCATION OF ALL EXISTING SITE UTILITIES.
- EXCAVATIONS, FILLS, AND UTILITIES FOR BUILDINGS OR STRUCTURES SHALL BE SO CONSTRUCTED OR PROTECTED THAT THEY DO NOT ENDANGER LIFE OR PROPERTY.
- CONTRACTOR SHALL PROTECT ALL EXISTING TREES TO REMAIN DURING EXCAVATION AND CONSTRUCTION, U.N.O.
- CONTRACTOR SHALL CERTIFY IN WRITING THAT THE PAD, FINISH FLOOR HEIGHTS AND SETBACKS ARE CORRECT PRIOR TO FOUNDATION INSPECTION. IN LOCATIONS WHERE SITE CONDITIONS AND PLANS HAVE MINIMAL TOLERANCE, CONTRACTOR SHALL UTILIZE SURVEYING EQUIPMENT TO CONFIRM.

MISCELLANEOUS

- PROVIDE WOOD-EARTH SEPARATION PER ALL APPLICABLE CODES. KEEP DIRT 8" BELOW WOOD FRAMING MIN.
- VENEER SHALL COMPLY WITH ALL APPLICABLE CODES AND REQUIREMENTS FOR MATERIALS.
- ALL LUMBER, PLYWOOD, FIBERBOARD SHEETING, PARTICLEBOARD, AND STRUCTURAL GLUED LAMINATED TIMBER MUST BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION ISSUED BY AN APPROVED AGENCY.
- ALL ROOFING AND SIDING MATERIALS (AS NOTED ON EXTERIOR ELEVATIONS) SHALL BE APPLIED IN STRICT CONFORMANCE WITH THE MANUFACTURERS WRITTEN RECOMMENDATIONS AND ALL APPLICABLE CODES.
- ROOF AND SIDING NAILS TO BE GALVANIZED PER ALL APPLICABLE CODES.
- PROVIDE POSITIVE 5% DRAINAGE AWAY FROM PERIMETER FOUNDATION WALLS FOR AT LEAST 10' (1:20), UNLESS NOTED OTHERWISE ON THE CIVIL, GRADING AND DRAINAGE DRAWINGS.
- INSTALL FIRE STOPS PER ALL APPLICABLE CODES AT ALL FLOOR, CEILING, FURRED SPACES, AND AT 10' INTERVALS UP WALLS.
- PAINTS, STAINS, AND OTHER COATINGS SHALL BE COMPLIANT WITH VOC LIMITS AS NOTED IN BUILDING CODE TABLES 4.504.0 AND 4.504.2.
- ALL ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS, AND AEROSOL PAINT CONTAINERS MUST REMAIN ON THE SITE FOR FIELD VERIFICATION BY THE BUILDING INSPECTOR. CGBSC SECTION 4.504.2.4
- ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS OR OTHER OPENINGS IN SOLE/BOTTOM PLATES AT THE EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY, OR SIMILAR ACCEPTABLE METHODS.

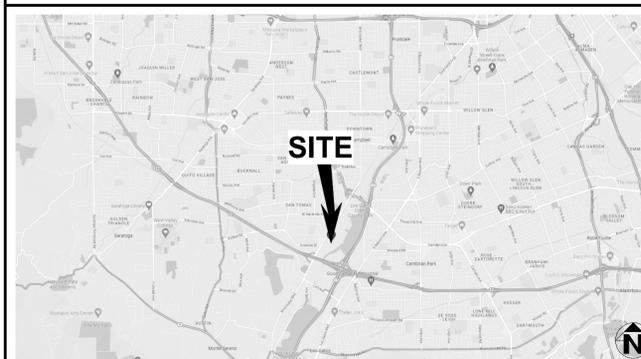
FLOOR AREA

	EXISTING	ADDITION	TOTAL PROPOSED
INCLUDED SPACES ¹			
FIRST FLOOR	5,503	0	5,503
TOTAL AREA	5,503 SF	0 SF	5,503 SF
F.A.R.	N/A		N/A
SPACES NOT INCLUDED ²			
SUBTOTAL	0 SF	0 SF	0 SF
TOTAL AREA	5,503 SF	0 SF	5,503 SF

REGULATORY APPROVAL STAMP

THIS SET OF DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION, AND SHALL NOT BE PRESENT AT THE JOBSITE, UNLESS THIS COVER SHEET CONTAINS THE PERMIT STAMP OF APPROVAL FROM THE CORRESPONDING BUILDING DEPARTMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CURRENT DOCUMENTS ON SITE, INCLUDING ANY APPROVED SUBSEQUENT REVISIONS TO THE PERMIT SET, ADDENDA, SHOP DRAWINGS, AND SUBMITTALS.

VICINITY MAP



AIA California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)



MOVE IT SILICON VALLEY
 BUILDING PERMIT SET
 490 DIVISION ST, CAMPBELL, CA 95008

IF THIS DRAWING IS NOT 24" x 36", THEN ITS SIZE HAS BEEN ALTERED, WHICH WILL AFFECT THE SCALE OF THE DRAWINGS. DO NOT SCALE DRAWINGS. USE GRAPHIC SCALES.

REVISIONS		
NO.	DATE	DESCRIPTION

05/11/23
DATE

CALGREEN MEASURES

A-0.1
SHEET

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CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL

301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC-CG] The provisions of individual sections of Chapter 5 apply to newly constructed buildings, building additions of 1,000 square feet or greater, and/or building alterations with a permit valuation of \$200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.

A code section will be designated by a banner to indicate where the code section only applies to newly constructed buildings [N] or to additions and/or alterations [A]. When the code section applies to both, no banner will be used.

301.3.1 Nonresidential additions and alterations that cause updates to plumbing fixtures only:

Note: On and after January 1, 2014, certain commercial real property, as defined in Civil Code Section 1101.3, shall have its noncompliant plumbing fixtures replaced with appropriate water-conserving plumbing fixtures under specific circumstances. See Civil Code Section 1101.1 et seq. for definitions, types of commercial real property affected, effective dates, circumstances necessitating replacement of noncompliant plumbing fixtures, and duties and responsibilities for ensuring compliance.

301.3.2 Waste Diversion. The requirements of Section 5.408 shall be required for additions and alterations whenever a permit is required for work.

301.4 PUBLIC SCHOOLS AND COMMUNITY COLLEGES. (see GBSC)
301.5 HEALTH FACILITIES. (see GBSC)

SECTION 302 MIXED OCCUPANCY BUILDINGS

302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

SECTION 303 PHASED PROJECTS

303.1 PHASED PROJECTS. For shell buildings and others constructed for future tenant improvements, only those code measures relevant to the building components and systems considered to be new construction (or newly constructed) shall apply.

303.1.1 Initial Tenant Improvements. The provisions of this code shall apply only to the initial tenant improvements to a project. Subsequent tenant improvements shall comply with the scoping provisions in Section 301.3 non-residential additions and alterations.

ABBREVIATION DEFINITIONS:

HCD Department of Housing and Community Development
BSC California Building Standards Commission
DSA-SS Division of the State Architect, Structural Safety
OSHDP Office of Statewide Health Planning and Development
LR Low Rise
HR High Rise
AA Additions and Alterations
N New

CHAPTER 5 NONRESIDENTIAL MANDATORY MEASURES

DIVISION 5.1 PLANNING AND DESIGN

SECTION 5.101 GENERAL

5.101.1 SCOPE

The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the environmental quality of the site and respect the integrity of adjacent properties.

SECTION 5.102 DEFINITIONS

5.102.1 DEFINITIONS

The following terms are defined in Chapter 2 (and are included here for reference)

CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not numerically exceed 25 (2.5 percent) at an angle of 90 degrees above nadir, and 100 (10 percent) at a vertical angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.

LOW-EMITTING AND FUEL EFFICIENT VEHICLES.

Eligible vehicles are limited to the following:

- Zero emission vehicle (ZEV), enhanced advanced technology PZEV (enhanced AT ZEV) or transitional zero emission vehicles (TZEV) regulated under CCR, Title 13, Section 1962.
- High-efficiency vehicles, regulated by U.S. EPA, bearing a fuel economy and greenhouse gas rating of 9 or 10 as regulated under 40 CFR Section 600 Subpart D.

NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle which meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.

TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.

VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the nonprofit work-related transportation of adults for the purpose of ride-sharing.

Note: Source: Vehicle Code, Division 1, Section 668

ZEV. Any vehicle certified to zero-emission standards.

SECTION 5.106 SITE DEVELOPMENT

5.106.1 STORM WATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB LESS THAN ONE ACRE OF LAND. Newly constructed projects and additions which disturb less than one acre of land, and are not part of a larger common plan of development or sale, shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:

5.106.1.1 Local ordinance. Comply with a lawfully enacted storm water management and/or erosion control ordinance.

5.106.1.2 Best Management Practices (BMPs). Prevent the loss of soil through wind or water erosion by implementing an effective combination of erosion and sediment control and good housekeeping BMPs.

- Soil loss BMPs that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
 - Scheduling construction activity during dry weather, when possible.
 - Preservation of natural features, vegetation, soil, and buffers around surface waters.
 - Drainage swales or lined ditches to control stormwater flow.
 - Mulching or hydroseeding to stabilize disturbed soils.
 - Erosion control to protect slopes.
 - Protection of storm drain inlets (gravel bags or catch basin inserts).
 - Perimeter sediment control (perimeter silt fence, fiber rolls).
 - Sediment trap or sediment basin to retain sediment on site.
 - Stabilized construction exits.
 - Wind erosion control.
 - Other soil loss BMPs acceptable to the enforcing agency.
- Good housekeeping BMPs to manage construction equipment, materials, non-stormwater discharges and wastes that should be considered for implementation as appropriate for each project include, but are not limited to, the following:
 - Dewatering activities.
 - Material handling and waste management.
 - Building materials stockpile management.
 - Management of washout areas (concrete, paints, stucco, etc.).
 - Control of vehicle/equipment fueling to contractor's staging area.
 - Vehicle and equipment cleaning performed off site.
 - Spill prevention and control.
 - Other housekeeping BMPs acceptable to the enforcing agency.

5.106.2 STORMWATER POLLUTION PREVENTION FOR PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. Comply with all lawfully enacted stormwater discharge regulations for projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of a larger common plan of development sale.

Note: Projects that (1) disturb one acre or more of land, or (2) disturb less than one acre of land but are part of the larger common plan of development or sale must comply with the post-construction requirements detailed in the applicable National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities issued by the State Water Resources Control Board or the Lahontan Regional Water Quality Control Board (for projects in the Lake Tahoe Hydrologic Unit).

The NPDES permits require postconstruction runoff (post-project hydrology) to match the preconstruction runoff (pre-project hydrology) with the installation of postconstruction stormwater management measures. The NPDES permits emphasize runoff reduction through on-site stormwater use, interception, evapotranspiration, and infiltration through nonstructural controls, such as Low Impact Development (LID) practices, and conversation design measures. Stormwater volume that cannot be addressed using nonstructural practices is required to be captured in structural practices and be approved by the enforcing agency.

Refer to the current applicable permits on the State Water Resources Control Board website at: www.waterboards.ca.gov/constructionstormwater. Consideration to the stormwater runoff management measures should be given during the initial design process for appropriate integration into site development.

5.106.4 BICYCLE PARKING. For buildings within the authority of the Division of the State Architect pursuant to Section 105, comply with Section 5.106.4.2

5.106.4.1 Bicycle parking. [BSC-CG] Comply with Sections 5.106.4.1.1 and 5.106.4.1.2; or meet the applicable local ordinance, whichever is stricter.

5.106.4.1.1 Short-term bicycle parking. If the new project or an addition or alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one bicycle capacity rack.

Exception: Additions or alterations which add nine or less visitor vehicular parking spaces.

5.106.4.1.2 Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.3 For additions or alterations that add 10 or more tenant-occupant vehicular parking spaces, provide secure bicycle parking for 5 percent of the tenant-occupant vehicular parking spaces being added, with a minimum of one bicycle parking facility.

5.106.4.1.4 For new shell buildings in phased projects provide secure bicycle parking for 5 percent of the anticipated tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility.

5.106.4.1.5 Acceptable bicycle parking facility for Sections 5.106.4.1.2, 5.106.4.1.3, and 5.106.4.1.4 shall be convenient from the street and shall meet one of the following:

- Covered, lockable enclosures with permanently anchored racks for bicycles;
- Lockable bicycle rooms with permanently anchored racks; or
- Lockable, permanently anchored bicycle lockers.

Note: Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.

5.106.4.2 Bicycle parking. [DSA-SS] For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2

5.106.4.2.1 Student bicycle parking. Provide permanently anchored bicycle racks conveniently accessed with a minimum of four two-bike capacity racks per new building.

5.106.4.2.2 Staff bicycle parking. Provide permanent, secure bicycle parking conveniently accessed with a minimum of two staff bicycle parking spaces per new building. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet one of the following:

- Covered, lockable enclosures with permanently anchored racks for bicycles;
- Lockable bicycle rooms with permanently anchored racks; or
- Lockable, permanently anchored bicycle lockers.

5.106.5.3 Electric vehicle (EV) charging. [N] Construction to provide electric vehicle infrastructure and facilitate electric vehicle charging shall comply with Section 5.106.5.3.1 and shall be provided in accordance with regulations in the California Building Code and the California Electrical Code.

Exceptions:

- On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:
 - Where there is no local utility power supply
 - Where the local utility is unable to supply adequate power.
 - Where there is evidence suitable to the local enforcement agency substantiating the local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.
- Parking spaces accessible only by automated mechanical car parking systems are not required to comply with this code section

5.106.5.3.1 EV capable spaces.

[N] EV capable spaces shall be provided in accordance with Table 5.106.5.3.1 and the following requirements:

- Raceways complying with the California Electrical Code and no less than 1-inch (25 mm) diameter shall be provided and shall originate at a service panel or a subpanel(s) serving the area, and shall terminate in close proximity to the proposed location of the EV capable and into a suitable listed cabinet, box enclosure or equivalent. A common raceway may be used to serve multiple EV charging spaces.
- A service panel or subpanel (s) shall be provided with panel space and electrical load capacity for a dedicated 208/240 volt, 40-ampere minimum branch circuit for each EV capable space, with delivery of 30-ampere minimum to an installed EVSE at each EVCS.
- The electrical system and any on-site distribution transformers shall have sufficient capacity to supply full rated amperage at each EV capable space.
- The service panel or subpanel circuit directory shall identify the reserved overcurrent protective device space(s) as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE."

Note: A parking space served by electric vehicle supply equipment or designed as a future EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by an enforcement agency. See vehicle Code Section 22511.2 for further details.

TABLE 5.106.5.3.1

TOTAL NUMBER OF ACTUAL PARKING SPACES	NUMBER OF REQUIRED EV CAPABLE SPACES	NUMBER OF EVCS (EV CAPABLE SPACES PROVIDED WITH EVSE)*2
0-9	0	0
10-25	2	0
26-50	8	2
51-75	13	3
76-100	17	4
101-150	25	6
151-200	35	9
201 AND OVER	20% of total ¹	25% of EV capable spaces ¹

- Where there is insufficient electrical supply.
- The number of required EVCS (EV capable spaces provided with EVSE) in column 3 count towards the total number of required EV capable spaces shown in column 2.

5.106.5.3.2 Electric vehicle charging stations (EVCS)

EV capable spaces shall be provided with EVSE to create EVCS in the number indicated in Table 5.106.5.3.1. The EVCS required by Table 5.106.5.3.1 may be provided with EVSE in any combination of Level 2 and Direct Current Fast Charging (DCFC), except that at least one Level 2 EVSE shall be provided.

One EV charger with multiple connectors capable of charging multiple EVs simultaneously shall be permitted if the electrical load capacity required by Section 5.106.5.3.1 for each EV capable space is cumulatively supplied to the EV charger.

The installation of each DCFC EVSE shall be permitted to reduce the minimum number of required EV capable spaces without EVSE by five and reduce proportionally the required electrical load capacity to the service panel or subpanel.

5.106.5.3.3 Use of automatic load management systems (ALMS). ALMS shall be permitted for EVCS. When ALMS is installed, the required electrical load capacity specified in Section 5.106.5.3.1 for each EVCS may be reduced when serviced by an EVSE controlled by an ALMS. Each EVSE controlled by an ALMS shall deliver a minimum 30 amperes to an EV when charging one vehicle and shall deliver a minimum 3.3 kW while simultaneously charging multiple EVs.

5.106.5.3.4 Accessible EVCS. When EVSE is installed, accessible EVCS shall be provided in accordance with the California Building Code, Chapter 11B, Section 11B-228.3.

Note: For EVCS signs, refer to Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successors).

5.106.5.4 Electric Vehicle (EV) charging: medium-duty and heavy-duty. [N]

Construction shall comply with section 5.106.5.4.1 to facilitate future installation of electric vehicle supply equipment (EVSE). Construction for warehouses, grocery stores and retail stores with planned off-street loading spaces shall also comply with Section 5.106.5.4.1 for future installation of medium- and heavy-duty EVSE.

Exceptions:

- On a case-by-case basis where the local enforcing agency has determined compliance with this section is not feasible based upon one of the following conditions:
 - Where there is no local utility power supply.
 - Where the local utility is unable to supply adequate power.
 - Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 5.106.5.3, may adversely impact the construction cost of the project.
- When EVSE(s) is/are installed, it shall be in accordance with the California Building Code, the California Electrical Code and as follows:

5.106.5.4.1 Electric vehicle charging readiness requirements for warehouse, grocery stores and retail stores with planned off-street loading spaces.

[N] In order to avoid future demolition when adding EV charging supply and distribution equipment, spare raceway(s) and adequate capacity for transformer(s), service panel(s) or subpanel(s) shall be installed at the time of construction in accordance with the California Electrical Code. Construction plans and specifications shall include but are not limited to, the following:

- The transformer, main service equipment and subpanel shall meet the minimum power requirement in Table 5.106.5.4.1 to accommodate the dedicated branch circuits for the future installation of EVSE.
- The construction documents shall indicate on or more location(s) convenient to the planned offstreet loading space(s) reserved for medium- and heavy-duty ZEV charging cabinets and charging dispensers, and a pathway reserved for routing of conduit from the termination of the raceway(s) or busway(s) to the charging cabinet(s) and dispenser(s) as shown in Table 5.106.5.4.1
- Raceway(s) or busway(s) originating at a main service panel or a subpanel(s) serving the area where potential future medium- and heavy-duty EVSE will be located and shall terminate in close proximity to the potential future location of the charging equipments for medium- and heavy-duty vehicles.
- The raceway(s) or busway(s) shall be sufficient size to carry the minimum additional system load to the future location of the charging for medium- and heavy-duty ZEVs as shown in Table 5.106.5.4.1.

TABLE 5.106.5.4.1 RACEWAY CONDUIT AND PANEL POWER REQUIREMENTS FOR MEDIUM- AND HEAVY-DUTY EVSE [N]

BUILDING TYPE	BUILDING SIZE (SQ. FT.)	NUMBER OF OFF-STREET LOADING SPACES	ADDITIONAL CAPACITY REQUIRED (KVA) FOR RACEWAY & BUSWAY AND TRANSFORMER & PANEL
Grocery	10,000 to 90,000	1 or 2	200
	Greater than 90,000	3 or Greater	400
Retail	10,000 to 135,000	1 or Greater	400
	Greater than 135,000	1 or 2	200
Warehouse	20,000 to 256,000	1 or Greater	400
	Greater than 256,000	3 or Greater	400

5.106.8 LIGHT POLLUTION REDUCTION. [N] Outdoor lighting systems shall be designed and installed to comply with the following:

- The minimum requirements in the California Energy Code for Lighting Zones 0-4 as defined in Chapter 10, Section 10-114 of the California Administrative Code; and
- Backlight (B) ratings as defined in IES TM-15-11 (shown in Table A-1 in Chapter 8);
- Uplight and Glare ratings as defined in California Energy Code (shown in Tables 130.2-A and 130.2-B in Chapter 8) and
- Allowable BUG ratings not exceeding those shown in Table 5.106.8. [N] or Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Exceptions: [N]

- Luminaires that qualify as exceptions in Sections 130.2 (b) and 140.7 of the California Energy Code.
- Emergency lighting.
- Building facade meeting the requirements in Table 140.7-B of the California Energy Code, Part 6.
- Custom lighting features as allowed by the local enforcing agency, as permitted by Section 101.8 Alternate materials, designs and methods of construction.
- Luminaires with less than 6,200 initial luminaire lumens.

TABLE 5.106.8 [N] MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS 1,2

ALLOWABLE RATING	LIGHTING ZONE L20	LIGHTING ZONE L21	LIGHTING ZONE L22	LIGHTING ZONE L23	LIGHTING ZONE L24
MAXIMUM ALLOWABLE BACKLIGHT RATING 3					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1-2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5-1 MH from property line	N/A	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	B0	B1	B2
MAXIMUM ALLOWABLE UPLIGHT RATING (U)					
For area lighting 4	N/A	U0	U0	U0	U0
For all other outdoor lighting, including decorative luminaires	N/A	U1	U2	U3	UR

MAXIMUM ALLOWABLE GLARE RATING (G)

MAXIMUM ALLOWABLE GLARE RATING (G)	N/A	G1	G2	G3	G4
MAXIMUM ALLOWABLE GLARE RATING (G)	N/A	G0	G1	G1	G2
MAXIMUM ALLOWABLE GLARE RATING (G)	N/A	G0	G0	G1	G1
MAXIMUM ALLOWABLE GLARE RATING (G)	N/A	G0	G0	G0	G1

1. IESNA Lighting Zones 0 and 5 are not applicable; refer to Lighting Zones as defined in the California Energy Code and Chapter 10 of the California Administrative Code.

2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.

3. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet U-value limits for "all other outdoor lighting"

5.106.8.1 Facing-Backlight

Luminaires within 2M of a property line shall be oriented so that the nearest property line is behind the luminaire, and shall comply with the backlight rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point of that property line.

Exception: Corners. If two property lines (or two segments of the same property line) have equidistant point to the luminaire, then the luminaire may be oriented so that the intersection of the two lines (the corner) is directly behind the luminaire. The luminaire shall still use the distance to the nearest point(s) on the property lines to determine the required backlight rating.

5.106.8.2 Facing-Glare.

For luminaires covered by 5.106.8.1, if a property line also exists within or extends into the front hemisphere within 2M of the luminaire then the luminaire shall comply with the more stringent glare rating specified in Table 5.106.8 based on the lighting zone and distance to the nearest point on the nearest property line within the front hemisphere.

Note: [N]

- See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.
- Refer to Chapter 8 (Compliance Forms, Worksheets and Reference Material) for IES TM-15-11 Table A-1, California Energy Code Tables 130.2-A and 130.2-B.
- Refer to the California Building Code for requirements for additions and alterations.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

- Swales.
- Water collection and disposal systems.
- French drains.
- Water retention gardens.
- Other water measures which keep surface water away from buildings and aid in groundwater recharge.

Exception: Additions and alterations not altering the drainage path.

5.106.12 SHADE TREES [DSA-SS]. Shade Trees shall be planted to comply with Sections 5.106.12.1, 5.106.12.2, and 5.106.12.3. Percentages shown shall be measured at noon on the summer solstice. Landscape irrigation necessary to establish and maintain tree health shall comply with Section 5.304.6.

5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50 percent of the parking area within 15 years.

Exceptions: Surface parking areas covered by solar photovoltaic shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.

5.106.12.2 Landscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade of 20% of the landscape area within 15 years.

Exceptions: Playfields for organized sport activity are not included in the total area calculation.

5.106.12.3. Hardscape areas. Shade tree plantings, minimum #10 container size or equal shall be installed to provide shade over 20 percent of the hardscape area within 15 years.

Exceptions:

- Walks, hardscape areas covered by solar photovoltaic shade structures or shade structures with roofing materials that comply with Table A5.106.11.2.2 in Appendix A5 shall be permitted in whole or in part in lieu of shade tree planting.
- Designated and marked play areas of organized sport activity are not included in the total area calculation.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL

5.201.1 Scope [BSC-CG], California Energy Code [DSA-SS]. For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL

5.301.1 Scope. The provisions of this chapter shall establish the means of conserving water use indoors, outdoors and in wastewater conveyance.

SECTION 5.302 DEFINITIONS

5.302.1 Definitions. The following terms are defined in Chapter 2 (and are included here for reference)

EVAPOTRANSPIRATION ADJUSTMENT FACTOR (ETA) [DSA-SS]. An adjustment factor when applied to reference evapotranspiration that adjusts for plant factors and irrigation efficiency, which are two major influences on the amount of water that needs to be applied to the landscape.

FOOTPRINT AREA [DSA-SS]. The total area of the furthest exterior wall of the structure projected to natural grade, not including exterior areas such as stairs, covered walkways, patios and decks.

METERING FAUCET. A self-closing faucet that dispenses a specific volume of water for each actuation cycle. The volume or cycle duration can be fixed or adjustable.

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or dishwashers.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWEL). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscape area and climatological parameters.

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWEL). [HCD] The California model ordinance (California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWEL, or adopt a local ordinance at least as effective as the MWEL.

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic purposes, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. [HCD 1] A secondary device beyond a meter that measures water consumption of an individual rental unit within a multiunit residential structure or mixed-use residential and commercial structure. (See Civic Code Section 1954.202 (g) and Water Code Section 517 for additional details.)

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape Ordinance (MWEL0).

AIA California 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023)

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residential

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SECTION 5.303 INDOOR WATER USE 5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.														
5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:														
1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.														
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:														
a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s). b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s). c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).														
5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.														
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>												
5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:														
5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.														
Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.														
5.303.3.2 Urinals.														
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.														
5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.														
5.303.3.3 Showerheads. [BSC-CG]														
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.														
5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.														
Note: A hand-held shower shall be considered a showerhead.														
5.303.3.4 Faucets and fountains.														
5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.														
5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.														
5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 rim space (inches) at 60 psi.														
5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.														
5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 rim space (inches) at 60 psi.														
Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.														
5.303.3.4.6 Pre-rinse spray valve When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.														
FOR REFERENCE ONLY: The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).														
<table border="1"> <thead> <tr> <th colspan="2">TABLE H-2</th> </tr> <tr> <th colspan="2">STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019</th> </tr> <tr> <th>PRODUCT CLASS [spray force in ounce force (ozf)]</th> <th>MAXIMUM FLOW RATE (gpm)</th> </tr> </thead> <tbody> <tr> <td>Product Class 1 (≤ 5.0 ozf)</td> <td>1.00</td> </tr> <tr> <td>Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)</td> <td>1.20</td> </tr> <tr> <td>Product Class 3 (> 8.0 ozf)</td> <td>1.28</td> </tr> </tbody> </table>			TABLE H-2		STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019		PRODUCT CLASS [spray force in ounce force (ozf)]	MAXIMUM FLOW RATE (gpm)	Product Class 1 (≤ 5.0 ozf)	1.00	Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)	1.20	Product Class 3 (> 8.0 ozf)	1.28
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Product Class 3 (> 8.0 ozf)	1.28													
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>												
5.303.4 COMMERCIAL KITCHEN EQUIPMENT.														
5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) and shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.														
Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.														
5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.														
5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code and in Chapter 6 of this code.														
SECTION 5.304 OUTDOOR WATER USE 5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.														
Notes:														
1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2. 2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/ .														
5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, California Code of Regulations, except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.														
Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.														
5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.														
5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.														
DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY SECTION 5.401 GENERAL 5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.														

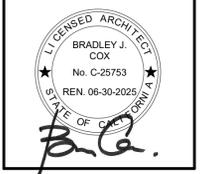
Y	NA	RESPON PARTY
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SECTION 5.402 DEFINITIONS 5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)		
ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.		
BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.		
BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.		
ORGANIC WASTE. Food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.		
TEST. A procedure to determine quantitative performance of a system or equipment		
SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT 5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.		
5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.		
5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.		
5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:		
5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:		
1. An installed awning at least 4 feet in depth. 2. The door is protected by a roof overhang at least 4 feet in depth. 3. The door is recessed at least 4 feet. 4. Other methods which provide equivalent protection.		
5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.		
SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING 5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.		
5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:		
1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale. 2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream). 3. Identifies diversion facilities where construction and demolition waste material collected will be taken. 4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.		
5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.		
Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.		
Exceptions to Sections 5.408.1.1 and 5.408.1.2:		
1. Excavated soil and land-clearing debris. 2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist. 3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.		
5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.		
5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.		
Notes:		
1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen may be used to assist in documenting compliance with the waste management plan. 2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).		
5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 301.3 for nonresidential additions and alterations, shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.		
Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/universwaste/		
5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.		
Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.		
Notes:		
1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. 2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdffa.ca.gov)		
SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS 5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a locally enacted local recycling ordinance, if more restrictive.		
Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) at seq. shall also be exempt from the organic waste portion of this section.		
5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.		
Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.		
5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the Public Resources Code, Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).		
Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.410.2 COMMISSIONING. [N] New buildings 10,000 square feet and over. For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. For I-occupancies that are not regulated by OSHPD or for I-occupancies and L-occupancies that are not regulated by the California Energy Code Section 100.0 Scope, all requirements in Sections 5.410.2 through 5.410.2.6 shall apply.		
Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting systems and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements.		
Commissioning requirements shall include:		
1. Owner's or Owner Representative's project requirements. 2. Basis of design. 3. Commissioning measures shown in the construction documents. 4. Commissioning plan. 5. Functional performance testing. 6. Documentation and training. 7. Commissioning report.		
Exceptions:		
1. Unconditioned warehouses of any size. 2. Areas less than 10,000 square feet used for offices or other conditioned accessory spaces within unconditioned warehouses. 3. Tenant improvements less than 10,000 square feet as described in Section 303.1.1. 4. Open parking garages of any size, or open parking garage areas, of any size, within a structure.		
Note: For the purposes of this section, unconditioned shall mean a building, area, or room which does not provide heating and air conditioning.		
Informational Notes:		
1. IAS AC 476 is an accreditation criteria for organizations providing training and/or certification of commissioning personnel. AC 476 is available to the Authority Having Jurisdiction as a reference for qualifications of commissioning personnel. AC 476 does not certify individuals to conduct functional performance tests or to adjust and balance systems. 2. Functional performance testing for heating, ventilation, air conditioning systems and lighting controls must be performed in compliance with the California Energy Code.		
5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following:		
1. Environmental and sustainability goals. 2. Building sustainable goals. 3. Indoor environmental quality requirements. 4. Project program, including facility functions and hours of operation, and need for after hours operation. 5. Equipment and systems expectations. 6. Building occupant and operation and maintenance (O&M) personnel expectations.		
5.410.2.2 Basis of Design (BOD). [N] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the following systems:		
1. Renewable energy systems. 2. Landscape irrigation systems. 3. Water reuse system.		
5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:		
1. General project information. 2. Commissioning goals. 3. Systems to be commissioned. Plans to test systems and components shall include: <ul style="list-style-type: none"> a. An explanation of the original design intent. b. Equipment and systems to be tested, including the extent of tests. c. Functions to be tested. d. Conditions under which the test shall be performed. e. Measurable criteria for acceptable performance. 4. Commissioning team information. 5. Commissioning process activities, schedules and responsibilities. Plans for the completion of commissioning shall be included.		
5.410.2.4 Functional performance testing. [N] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments made.		
5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations.		
5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following:		
1. Site information, including facility description, history and current requirements. 2. Site contact information. 3. Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log. 4. Major systems. 5. Site equipment inventory and maintenance notes. 6. A copy of verifications required by the enforcing agency or this code. 7. Other resources and documentation, if applicable.		
5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following:		
1. System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces). 2. Review and demonstration of servicing/preventive maintenance. 3. Review of the information in the Systems Manual. 4. Review of the record drawings on the systems/equipment.		
5.410.2.6 Commissioning report. [N] A report of commissioning process activities undertaken through the design and construction phases of the building project shall be completed and provided to the owner or representative.		
5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.		
5.410.4.2 (Reserved)		
Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)(3) for additional testing requirements of specific systems.		
5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:		
1. Renewable energy systems. 2. Landscape irrigation systems. 3. Water reuse systems.		
5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.		
5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.		
5.410.4.5 Operation and maintenance (O & M) manual. Provide the building owner or representative with detailed operating and maintenance instructions and copies of warranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related regulations.		
5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required by the enforcing agency.		
DIVISION 5.5 ENVIRONMENTAL QUALITY SECTION 5.501 GENERAL 5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.		
SECTION 5.502 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference)		
ARTERIAL HIGHWAY. A general term denoting a highway primarily for through traffic usually on a continuous route.		
A-WEIGHTED SOUND LEVEL (dBA). The sound pressure level in decibels as measured on a sound level meter using the internationally standardized A-weighting filter or as computed from sound spectral data to which A-weighting adjustments have been made.		
1 BTU/HOUR. British thermal units per hour, also referred to as Btu. The amount of heat required to raise one pound of water one degree Fahrenheit per hour, a common measure of heat transfer rate. A ton of refrigeration is 12,000 Btu, the amount of heat required to melt a ton (2,000 pounds) of ice at 32° Fahrenheit.		
COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.		
COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I-joists or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1(a).		
Note: See CCR, Title 17, Section 93120.1.		
DAY-NIGHT AVERAGE SOUND LEVEL (Ldn). The A-weighted equivalent continuous sound exposure level for a 24-hour period with a 10 dB adjustment added to sound levels occurring during nighttime hours (10pm to 7 a.m.).		
DECIBEL (db). A measure on a logarithmic scale of the magnitude of a particular quantity (such as sound pressure, sound power, sound intensity) with respect to a reference quantity.		
ELECTRIC VEHICLE (EV). An automotive-type vehicle for on-road use, such as passenger automobiles, buses, trucks, vans, neighborhood electric vehicles, electric motorcycles, and the like, primarily powered by an electric motor that draws current from a rechargeable storage battery, fuel cell, photovoltaic array, or other source of electric current. Plug-in hybrid electric vehicles (PHEV) are considered electric vehicles. For purposes of the California Electrical Code, off-road, self-propelled electric vehicles, such as industrial trucks, hoists, lifts, transports, golf carts, airline ground support equipment, tractors, boats, and the like, are not included.		
ELECTRIC VEHICLE CHARGING STATION(S) (EVCS). One or more spaces intended for charging electric vehicles.		
ELECTRIC VEHICLE SUPPLY EQUIPMENT (EVSE). The conductors, including the ungrounded, grounded, and equipment grounding conductors and the electric vehicle connectors, attachment plugs, and all other fittings, devices, power outlets, or apparatus installed specifically for the purpose of transferring energy between the premises wiring and the electric vehicle.		
ENERGY EQUIVALENT (NOISE) LEVEL (Leq). The level of a steady noise which would have the same energy as the fluctuating noise level integrated over the time of period of interest.		
EXPRESSWAY. An arterial highway for through traffic which may have partial control of access, but which may or may not be divided or have grade separations at intersections.		
FREEWAY. A divided arterial highway with full control of access and with grade separations at intersections.		
GLOBAL WARMING POTENTIAL (GWP). The radiative forcing impact of one mass-based unit of a given greenhouse gas relative to an equivalent unit of carbon dioxide over a given period of time. Carbon dioxide is the reference compound with a GWP of one.		
GLOBAL WARMING POTENTIAL VALUE (GWP VALUE). A 100-year GWP value published by the Intergovernmental Panel on Climate Change (IPCC) in either its Second Assessment Report (SAR) (IPCC, 1995); or its Fourth Assessment Report (AR4) (IPCC, 2007). The SAR GWP values are found in column "SAR (100-yr)" of Table 2.14; the AR4 GWP values are found in column "100 yr" of Table 2.14.		
HIGH-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that is: (a) a chlorofluorocarbon, a hydrochlorofluorocarbon, a hydrofluorocarbon, a perfluorocarbon, or any compound or blend of compounds, with a GWP value equal to or greater than 150, or (B) any ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).		
LONG RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.5 times the pipe diameter.		
LOW-GWP REFRIGERANT. A compound used as a heat transfer fluid or gas that: (A) has a GWP value less than 150, and (B) is not an ozone depleting substance as defined in Title 40 of the Code of Federal Regulations, Part 82, sec.82.3 (as amended March 10, 2009).		
MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2-1999.		
MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the "Base Reactive Organic Gas (ROG) Mixture" per weight of compound added, expressed to hundredths of a gram (g O ₃ /g ROG).		
PRODUCT-WEIGHTED MIR (PWMI). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMI is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).		
PSIG. Pounds per square inch, gauge.		
REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.		
SCHRADER ACCESS VALVES. Access fittings with a valve core installed.		
SHORT RADIUS ELBOW. Pipe fitting installed between two lengths of pipe or tubing to allow a change of direction, with a radius 1.0 times the pipe diameter.		
SUPERMARKET. For the purposes of Section 5.508.2, a supermarket is any retail food facility with 8,000 square feet or more conditioned area, and that utilizes either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units.		
VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a)		
Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.		
SECTION 5.503 FIREPLACES 5.503.1 FIREPLACES. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.		
5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits.		

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (January 2023)

Y NA RESPON PARTY YES NOT APPLICABLE RESPONSIBLE PARTY (i.e. ARCHITECT, ENR OWNER, CONTRACTOR, INSPECTOR ETC.)

Brad Cox, Architect, Inc.
LEED AP, AIA
(408) 838-3667
1155 MERRIDIAN AVENUE, SUITE #208
SAN JOSE, CA 95125



MOVE IT SILICON VALLEY
BUILDING PERMIT SET
490 DIVISION ST, CAMPBELL, CA 95008

IF THIS DRAWING IS NOT 24" x 36", THEN ITS SIZE HAS BEEN ALTERED, WHICH WILL AFFECT THE SCALE OF THE DRAWINGS. DO NOT SCALE DRAWINGS. USE GRAPHIC SCALES.

REVISIONS		
NO.	DATE	DESCRIPTION

05/11/23
DATE

CALGREEN MEASURES

A-0.3
SHEET

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5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

- Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.
- Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT^{1,2}

Less Water and Less Exempt Compounds in Grams per Liter	
ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTMLR1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

Less Water and Less Exempt Compounds in Grams per Liter	
SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

TABLE 5.504.4.3 - CONT.

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS	
COATING CATEGORY	CURRENT VOC LIMIT
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

- Manufacturer's product specification
- Field verification of on-site product containers

5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CDC/DPH/DEDC/EHLB/IAQ/Pages/VOC.aspx#material>

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CDC/DPH/DEDC/EHLB/IAQ/Pages/VOC.aspx#material>

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). These materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

- Product certifications and specifications.
- Chain of custody certifications.
- Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
- Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian ANS/NZS 2269 or European 636 3S standards.
- Other methods acceptable to the enforcing agency.

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS:

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION	
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD:	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CDC/DPH/DEDC/EHLB/IAQ/Pages/VOC.aspx#material>

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.4.7 Thermal insulation Comply with the requirements of the California Department of Public Health, "Standard Method of the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 1.2, January 2017 (Emission testing method for California Specification 01350). See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CDC/DPH/DEDC/EHLB/IAQ/Pages/VOC.aspx#material>

5.504.4.7.1 Verification of compliance. Documentation shall be provided verifying that thermal insulation materials meet the pollutant emission limits.

5.504.4.8 Acoustical ceiling and wall panels. Comply with the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350). See California Department of Public Health's website for certification programs and testing labs.

5.504.4.8.1 Verification of compliance. Documentation shall be provided verifying that acoustical finish materials meet the pollutant emission limits.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

5.504.6 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever is more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL

5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO₂) MONITORING. For buildings or additions equipped with demand control ventilation, CO₂ sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

5.506.3 Carbon dioxide (CO₂) monitoring in classrooms. (DSA-SS) Each public K-12 school classroom, as listed in Table 120.1-A of the California Energy Code, shall be equipped with a carbon dioxide monitor or sensor that meets the following requirements:

- The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between 3 and 6 feet (914 mm and 1829 mm) above the floor and at least 5 feet (1524 mm) away from door and operable windows.
- When the monitor or sensor is not integral to an Energy Management Control System (EMCS), the monitor or sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS, the carbon dioxide readings shall be available to and regularly monitored by facility personnel.
- A monitor shall provide notification through a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100ppm. A sensor integral to an EMCS shall provide notification to facility personnel through a visual and/or audible indicator when the carbon dioxide levels in the classroom have exceeded 1,100ppm.
- The monitor or sensor shall measure carbon dioxide levels at minimum 15-minute intervals and shall maintain a record of previous carbon dioxide measurements of not less than 30 days duration.
- The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400ppm to 2000ppm or greater.
- The monitor or sensor shall be certified by the manufacturer to be accurate within 75ppm at 1,000ppm carbon dioxide concentration and shall be certified by the manufacturer to require calibration no more frequently than once every 5 years.

SECTION 5.507 ENVIRONMENTAL COMFORT

5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

- Within the 65 CNEL noise contour of an airport.

Exceptions:

- L_{eq} or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICLZ) plan.
- L_{eq} or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

- Within the 65 CNEL or L_{eq} noise contour of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1 Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L_{eq} -1hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior soundlevels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbox.org/PDF/CaseStudies/stc_cc_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO₂), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fourth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves and fittings shall comply with the California Mechanical Code and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.3 Chain tethers. Chain tethers to fit over the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel, or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device that indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for pressure, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

ATTACH
 PLANNING
 DEPARTMENT
"CONDITIONS OF APPROVAL"
 HERE

BRAD COX
Architect
 inc
 community
 residential

Brad Cox, Architect, Inc.
 LEED AP, AIA
 (408) 838-3667
 1155 MERIDIAN AVENUE, SUITE #208
 SAN JOSE, CA 95125



MOVE IT SILICON VALLEY
 BUILDING PERMIT SET
 490 DIVISION ST, CAMPBELL, CA 95008

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REVISIONS		
NO.	DATE	DESCRIPTION

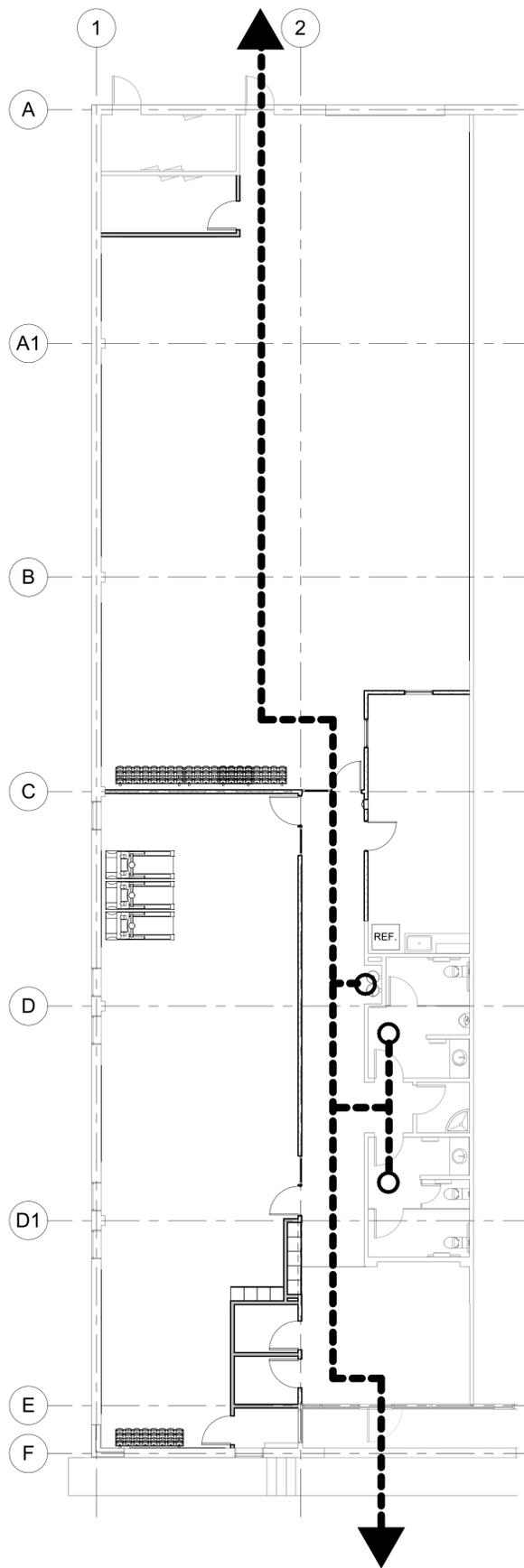
REGULATORY APPROVAL STAMP

05/11/23
 DATE

CONDITIONS
 OF APPROVAL

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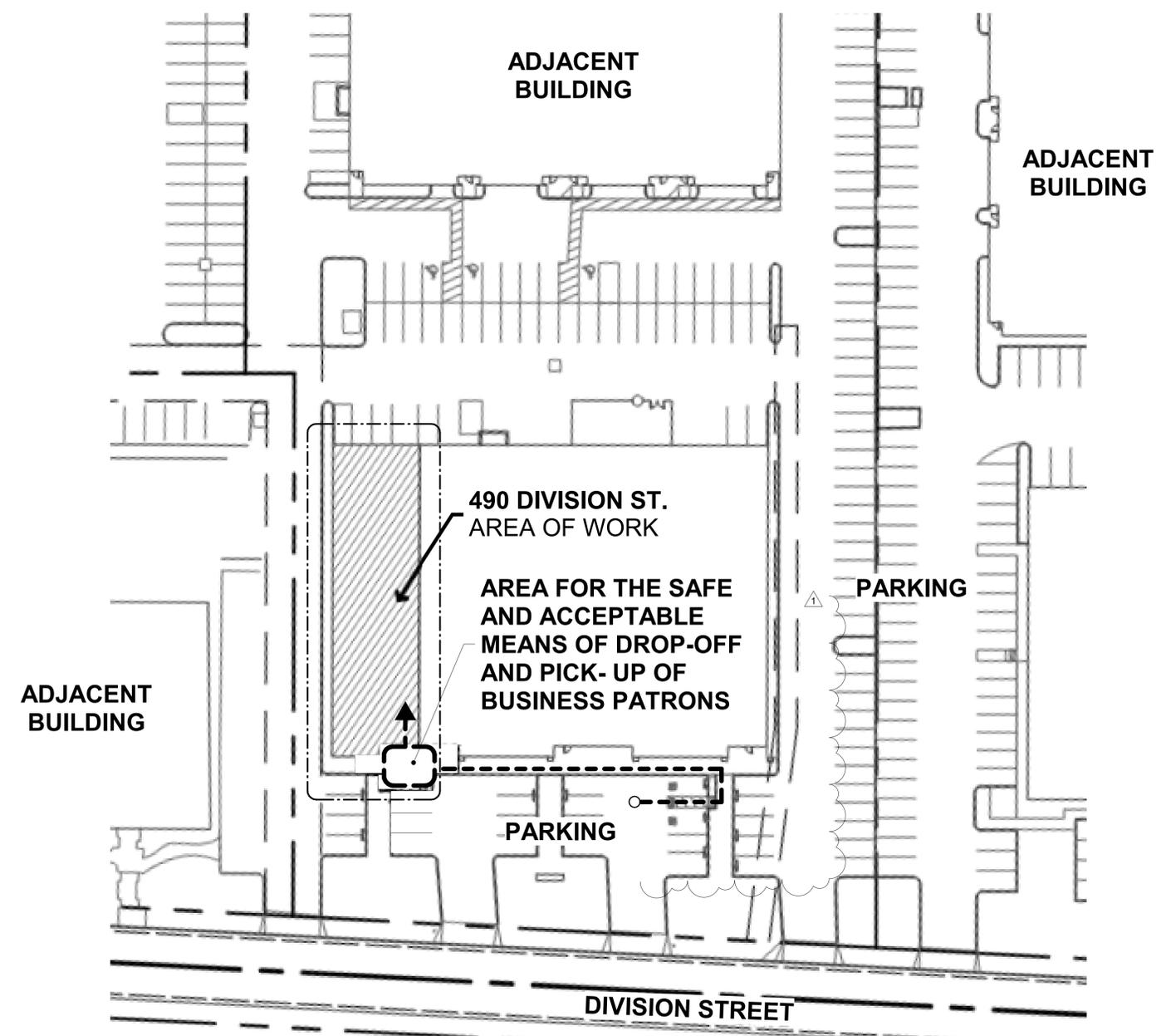
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2 FLOOR PLAN - ACCESSIBILITY
1/8" = 1'-0"

SITE GENERAL NOTES

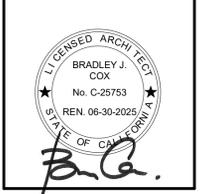
1. CRC R401.3 DRAINAGE. SURFACE DRAINAGE SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED POINT OF COLLECTION THAT DOES NOT CREATE A HAZARD. LOTS SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS. THE GRADE SHALL FALL A MINIMUM OF 5 PERCENT, OR 6 INCHES (152 MM) WITHIN THE FIRST 10 FEET (3048 MM).
EXCEPTION: WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIERS PROHIBIT 6 INCHES (152 MM) OF FALL WITHIN 10 FEET (3048 MM), DRAINS OR SWALES SHALL BE CONSTRUCTED TO ENSURE DRAINAGE AWAY FROM THE STRUCTURE. IMPERVIOUS SURFACES WITHIN 10 FEET (3048 MM) OF THE BUILDING FOUNDATION SHALL BE SLOPED A MINIMUM OF 2 PERCENT AWAY FROM THE BUILDING.
2. PRIOR TO INSTALLING FOUNDATION FORMWORK, AND PRIOR TO INSPECTION BY THE CITY, THE CONTRACTOR SHALL OBTAIN WRITTEN CERTIFICATION FROM A REGISTERED CIVIL ENGINEER CERTIFYING THAT ALL THE BUILDING SETBACKS, PAD DIMENSIONS, AND PAD ELEVATIONS ARE AS PER THE APPROVED PLANS.
3. NO CONSTRUCTION EQUIPMENT OR PRIVATE VEHICLES SHALL PARK OR BE STORED WITHIN THE DRIP LINE OF ANY ORDINANCE PROTECTED TREES ON THE SITE.
4. PROVIDE SEWAGE BACKFLOW DEVICE / CHECK VALVE PER SANITATION DISTRICT REQUIREMENTS.
5. GENERAL CONTRACTOR TO DIRECT WATER FLOW TO VEGETATED/LANDSCAPED AREAS AND ALLOW STORM WATER TO PERCOLATE INTO THE SITE AS MUCH AS POSSIBLE.
6. PRIOR TO INSTALLATION OF BUILDING PAD, INSURE THAT ALL GEOTECHNICAL ENGINEER REQUIREMENTS HAVE BEEN MET.



1 PARTIAL SITE PLAN & ACCESSIBILITY
1/32" = 1'-0"

SITE PLAN LEGEND:
 ACCESSIBLE PATH OF TRAVEL

REGULATORY APPROVAL STAMP



MOVE IT SILICON VALLEY
 BUILDING PERMIT SET
 490 DIVISION ST, CAMPBELL, CA 95008

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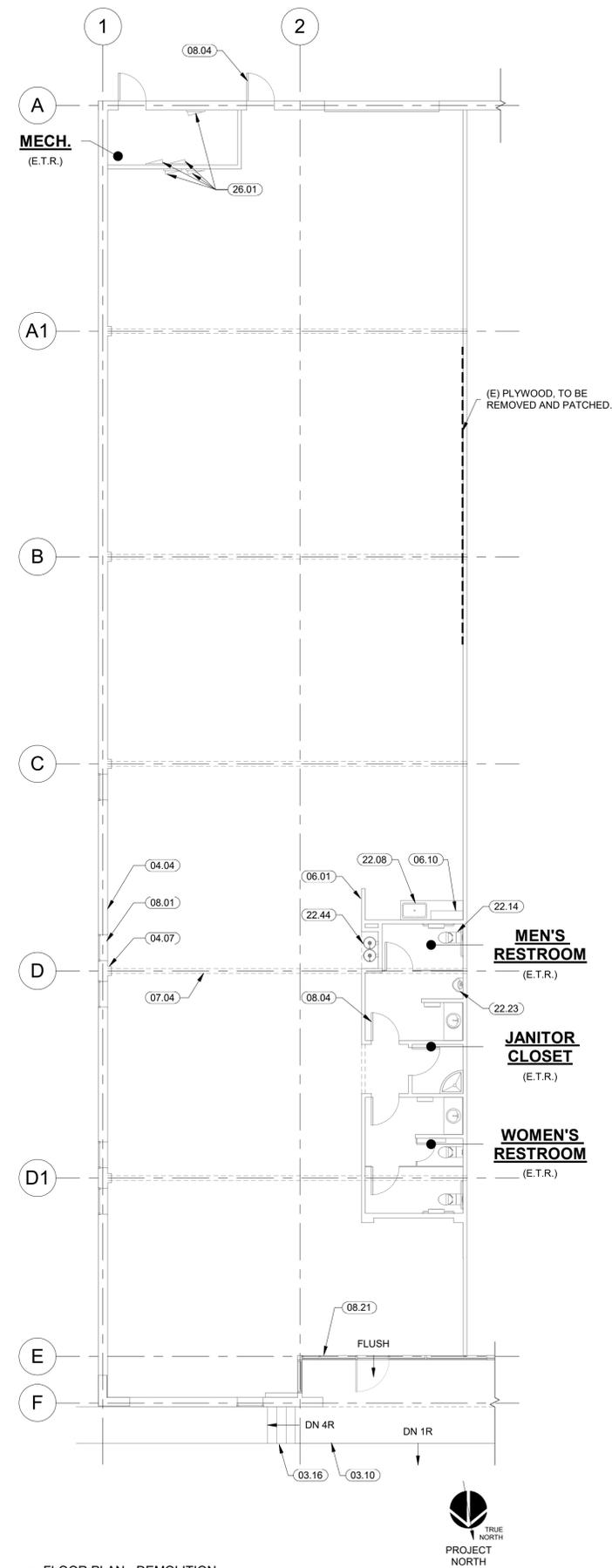
REVISIONS		
NO.	DATE	DESCRIPTION
1	6/21/23	PLAN CHECK COMMENT

05/11/23
 DATE

SITE PLAN & ACCESSIBILITY

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1 FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

KEYNOTES

NO.	NOTE
03.10	(E) CONCRETE SLAB TO REMAIN.
03.16	(E) CONCRETE STEPS TO REMAIN.
04.04	(E) CMU WALL TO REMAIN.
04.07	(E) CMU COLUMN TO REMAIN.
06.01	(E) WALL TO REMAIN, TYPICAL.
06.10	(E) CASEWORK TO REMAIN.
07.04	(E) ROOF FRAMING TO REMAIN.
08.01	(E) WINDOW TO REMAIN.
08.04	(E) DOOR TO REMAIN.
08.21	(E) STOREFRONT WINDOW/DOOR SYSTEM TO REMAIN.
22.08	(E) SINK TO REMAIN.
22.14	(E) LAVATORY TO REMAIN.
22.23	(E) URINAL TO REMAIN.
22.44	(E) HI-LOW DRINKING FOUNTAIN TO REMAIN.
26.01	(E) ELECTRICAL PANEL TO REMAIN. IF AN INCREASED SERVICE BECOMES NECESSARY, THE GENERAL CONTRACTOR WILL FACILITATE PERMIT APPROVAL AND COORDINATE WITH UTILITIES FOR SERVICE UPGRADE.

DEMOLITION PLAN GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL CAREFULLY COORDINATE DEMOLITION AND REMOVAL WITH NOTES AND DIMENSIONS INDICATING THE EXTENT AND NATURE OF NEW CONSTRUCTION SHOWN ELSEWHERE IN THESE DOCUMENTS.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SECURELY SHORING IN PLACE ALL OVERHEAD STRUCTURES PRIOR TO REMOVAL OF ANY EXISTING SUPPORTING STRUCTURES.
- CAP-OFF ALL PLUMBING, GAS AND ELECTRICAL LINES AS REQUIRED.
- THE GENERAL CONTRACTOR IS TO PROVIDE PROTECTION FOR ALL REMAINING CABINETS DURING CONSTRUCTION OPERATIONS.
- THE GENERAL CONTRACTOR IS TO COORDINATE WITH OWNER ON ALL ITEMS TO BE SALVAGED.
- SEE CONSULTANT DRAWINGS FOR ADDITIONAL INFORMATION.
- COORDINATE WITH OWNER EQUIPMENT TO BE REMOVED AND REINSTALLED PRIOR TO DEMOLITION.
- PROVIDE DEMOLITION ON ROOF AS REQUIRED TO COMPLETE SCOPE OF WORK.
- WHERE APPLICABLE TO THE PROJECT, COORDINATE WITH HAZARDOUS MATERIALS REPORT FOR SPECIAL DEMOLITION REQUIREMENTS.

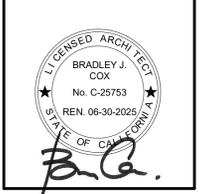
DEMOLITION PLAN LEGEND:

- EXISTING WALL TO REMAIN
- == WALL TO BE DEMOLISHED
- (E) XXXX EXISTING WINDOW OR DOOR TO REMAIN (WHERE "XXXX" INDICATES THE SIZE)
- (R) XXXX RETROFIT WINDOW OR DOOR TO BE REMOVED (WHERE "XXXX" INDICATES THE SIZE)

REGULATORY APPROVAL STAMP

BRAD COX
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inc
community
residential

Brad Cox, Architect, Inc.
LEED AP, AIA
(408) 838-3667
1155 MERIDIAN AVENUE, SUITE #208
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05/11/23
DATE

FLOOR PLAN -
DEMOLITION

A-2.0
SHEET

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FLOOR PLAN GENERAL NOTES

- DIMENSIONS INDICATED AS (E) ARE +/- PER THE AS-BUILT SET OF PLANS. OTHER DIMENSIONS ARE TO FACE OF STUD, UNLESS OTHERWISE NOTED.
- ALL INTERIOR SURFACES IN THE AREA OF WORK ARE TO BE PATCHED OR REPAIRED TO MATCH (E) MATERIALS TO ACCOMMODATE THE WORK.
- ALL (E) SYSTEMS ARE TO BE FULLY OPERATIONAL AT COMPLETION OF PROJECT. NOTIFY ARCHITECT AND OWNER OF ANY (E) SYSTEMS WHICH ARE NOT FUNCTIONAL PRIOR TO COMMENCING WORK.
- (E) CEILING PATTERN, LIGHTING, AND MECHANICAL ITEMS ARE DIAGRAMMATIC. COORDINATE IN-FIELD LOCATIONS FOR SCOPE OF WORK. VERIFY WITH ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR TO PROTECT ALL EXISTING ITEMS TO REMAIN. APPLY AND MAINTAIN PROTECTIVE PLASTIC SHEETING OR OTHER ACCEPTABLE FORMS OF PROTECTION ON ALL SURFACES TO REMAIN.
- SECURITY SYSTEM: COORDINATE WITH OWNER ANY MODIFICATIONS REQUIRED TO AN EXISTING HOME SECURITY SYSTEM, OR THE PROVISION OF A NEW SYSTEM.
- PROVIDE NEW INTERIOR DOORS AS INDICATED ON THE FLOOR PLAN. INCLUDE DOOR HARDWARE AND CASINGS. COORDINATE WITH OWNER AS TO WHICH EXISTING DOORS WILL BE REUSED.
- CABINETS AND COUNTER TOPS TO BE SELECTED BY OWNER.
- WALL FINISHES TO BE 5/8" GYPSUM BOARD, TYPICAL, UNLESS OTHERWISE NOTED. CONFIRM WITH OWNER WHICH (E) WALLS WILL BE DEMOLISHED AND/OR RE-FINISHED.
- FLOOR FINISH: THE CONTRACTOR IS TO CONFIRM THE FLOOR FINISH MATERIALS AND COLORS WITH THE ARCHITECT AND OWNER PRIOR TO CONSTRUCTION.
- PAINT: THE CONTRACTOR IS TO CONFIRM PAINT TYPE AND COLORS WITH THE ARCHITECT AND OWNER PRIOR TO PAINTING.
- INSULATION: INSTALL INSULATION IN THE WALLS, FLOORS AND CEILING AS SPECIFIED IN THE TITLE-24 CALCULATIONS.
- MODIFY EXISTING MECHANICAL DUCTS AS REQUIRED TO ACCOMMODATE THE NEW WORK.
- MODIFY EXISTING PLUMBING PIPING AS REQUIRED TO ACCOMMODATE THE NEW WORK.
- REFER TO AND COORDINATE WITH ELECTRICAL, PLUMBING, AND MECHANICAL DRAWINGS FROM SUBS FOR ADDITIONAL SCOPE OF WORK AS APPLICABLE.

RESTROOM GENERAL NOTES

- THE FLOORS OF RESTROOMS SHALL HAVE SURFACES THAT ARE SMOOTH (NON-TEXTURED), NONABSORBENT, LIGHT COLORED, AND EASILY CLEANABLE (E.G., CERAMIC TILE, ETC.). THE MATERIAL SHALL EXTEND 4" UP SURROUNDING WALLS TO PROVIDE A CONTINUOUS INTEGRAL BASE.
- GRAB BARS SHALL HAVE A GRIPPING SURFACE WITH A DIAMETER OF 1-1/4" TO 2", AND BE LOCATED SUCH THAT THE SPACE BETWEEN THE WALL AND THE GRAB BAR IS 1-1/2" CLEAR.
- CONTROLS FOR ACCESSIBLE WATER CLOSETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS, AND A MAXIMUM OF 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS.

TEMPERED GLAZING NOTES

TEMPERED GLAZING SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:

- GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING AND BIFOLD DOORS.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - THE EXPOSED AREA OF AN INDIVIDUAL PANE IS LARGER THAN 9 SQUARE FEET; AND
 - THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18 INCHES ABOVE THE FLOOR; AND
 - THE TOP EDGE OF THE GLAZING IS MORE THAN 36 INCHES ABOVE THE FLOOR; AND
 - ONE OR MORE WALKING SURFACES ARE WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING.
- GLAZING IN ENCLOSURES FOR OR WALLS FACING HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS, AND INDOOR OR OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE.
- GLAZING ADJACENT TO STAIRWAYS, LANDINGS AND RAMPS WITHIN 60 INCHES HORIZONTALLY OF A WALKING SURFACE WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE PLANE OF THE ADJACENT WALKING SURFACE.
- GLAZING ADJACENT TO STAIRWAYS WITHIN 60 INCHES HORIZONTALLY OF THE BOTTOM TREAD OF A STAIRWAY IN ANY DIRECTION WHEN THE EXPOSED SURFACE OF THE GLAZING IS LESS THAN 36 INCHES ABOVE THE NOSE OF THE TREAD.

DOOR SCHEDULE								
NO.	ROOM	TYPE	WIDTH	HEIGHT	HEAD HEIGHT	FINISH	FIRE RATING	COMMENTS
1.01	STORAGE #1	SINGLE SWING - B	3'-0"	7'-0"	7'-0"	AL	N/A	
1.02	CHANGING ROOM #1	SINGLE SWING - B	3'-0"	7'-0"	7'-0"	AL	N/A	
1.03	CHANGING ROOM #2	SINGLE SWING - B	3'-0"	7'-0"	7'-0"	AL	N/A	
1.04	CARDIO	SINGLE SWING - A	3'-0"	7'-0"	7'-0"	AL	N/A	TEMPERED GLASS
1.05	CARDIO	SINGLE SWING - A	3'-0"	7'-0"	7'-0"	AL	N/A	TEMPERED GLASS
1.06	OFFICE	SINGLE SWING - A	3'-0"	7'-0"	7'-0"	AL	N/A	TEMPERED GLASS
1.08	WEIGHT TRAINING	SINGLE SWING - A	3'-0"	7'-0"	7'-0"	AL	N/A	TEMPERED GLASS
1.09	STORAGE #2	SINGLE SWING - B	3'-0"	7'-0"	7'-0"	AL	N/A	

DOOR LEGEND

TYPE / MATERIAL

- AL = ALUMINUM
- AA = ANODIZED ALUMINUM FINISH
- FR = FIRE RATED
- MA = MAPLE VENEER DOOR TO MATCH BUILDING STANDARD
- MH = HOLLOW METAL
- MP = METAL PANEL
- MTL = METAL
- SFS = STOREFRONT SYSTEM
- WD = WOOD
- WMC = WOOD METAL CLAD
- V = VINYL

GLAZING / FINISH

- DG = DUAL GLAZING
- SG = SINGLE GLAZING
- SFG = SAFETY GLASS
- FF = FACTORY FINISH
- P = PAINT
- TEMP = TEMPERED GLASS
- TN = TINTED GLASS

BLINDS / COVERINGS

- HB = HORIZONTAL BLINDS
- VB = VERTICAL BLINDS
- RS = ROLL UP SHADES

OTHER

- TBD = TO BE DETERMINED
- V.I.F. = VERIFY IN FIELD

- AA = ANODIZED ALUMINUM FINISH
- MA = MAPLE VENEER DOOR TO MATCH BUILDING STANDARD
- AL = ALUMINUM

WINDOW SCHEDULE								
NO.	ROOM	TYPE	WIDTH	HEIGHT	HEAD HEIGHT	FINISH	MATERIAL	COMMENTS
1.A	CARDIO	SIDELIGHT	3'-0"	7'-0"	7'-0"	AA	AL	TEMPERED GLASS
1.B	CARDIO	SIDELIGHT	3'-0"	7'-0"	7'-0"	AA	AL	TEMPERED GLASS
1.C	WEIGHT TRAINING	SIDELIGHT	3'-0"	7'-0"	7'-0"	AA	AL	TEMPERED GLASS
1.D	OFFICE	FIXED	3'-0"	4'-0"	7'-0"	AA	AL	TEMPERED GLASS, RS
1.E	OFFICE	FIXED	3'-0"	4'-0"	7'-0"	AA	AL	TEMPERED GLASS, RS

WINDOW LEGEND

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BLINDS / COVERINGS

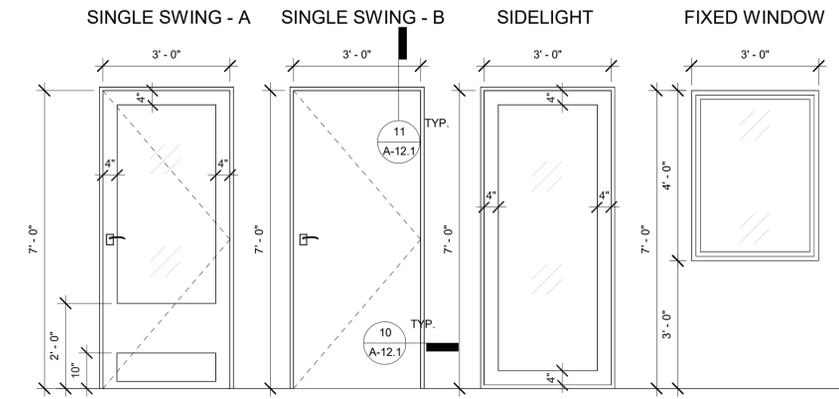
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OTHER

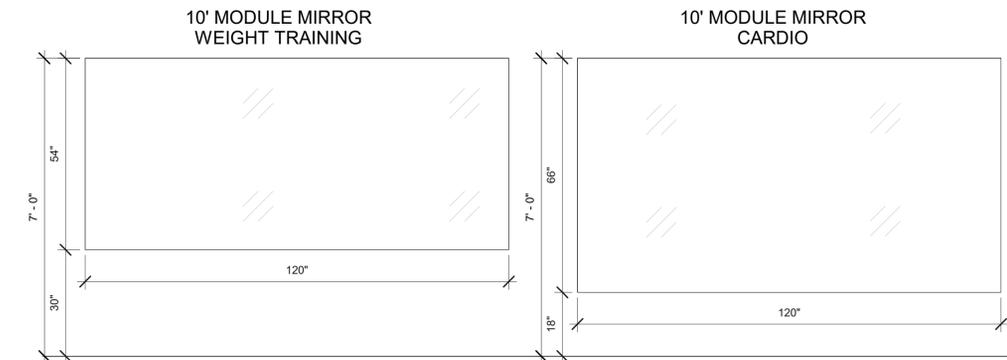
- TBD = TO BE DETERMINED
- V.I.F. = VERIFY IN FIELD

GENERAL DOOR NOTES

- ALL DOORS TO HAVE A CLEAR AND LEVEL LANDING ON BOTH SIDES AND A 1/2" MAX. THRESHOLD DIFFERENCE.
- LATCHING, OR LOCKING, DOORS IN A PATH OF TRAVEL ARE OPERATED WITH A SINGLE EFFORT BY LEVEL TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- ALL DOORS ARE TO BE EQUIPPED WITH SINGLE-EFFORT, NON-GRASP HARDWARE CENTERED BETWEEN 34 INCHES TO 44 INCHES ABOVE THE FLOOR.
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR AND INTERIOR DOORS, WITH SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS.
- THE LOWER 10" OF ALL DOORS SHALL BE SMOOTH AND UNINTERRUPTED TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION (NARROW FRAME DOORS MAY USE A 10 INCH HIGH SMOOTH PANEL ON THE PUSH SIDE OF THE DOOR).
- GLAZING IN DOORS TO BE TEMPERED & TO HAVE A U-VALUE < OR EQUAL TO 0.30, SHGC < OR EQUAL TO 0.30, & VISIBLE TRANSMITTANCE > OR EQUAL TO 0.60.
- PROVIDE A REDILY VISIBLE DURABLE SIGN ABOVE THE DOOR STATING: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. THE SIGN SHALL BE IN LETTERS 1 INCH (25 MM) HIGH ON A CONTRASTING BACKGROUND.
- EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- EVERY REQUIRED EXIT DOORWAY SERVING AN OCCUPANT LOAD OF TEN OR MORE SHALL BE OF A SIZE TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN NOMINAL WIDTH AND NOT LESS THAN 6 FEET 8 INCHES IN NOMINAL HEIGHT.
- DOORS AND GATES TO BE A MINIMUM OF 36" TO PROVIDE A CLEAR WIDTH OF 32" WHEN OPEN.



1 DOOR & WINDOW TYPES
1/2" = 1'-0"

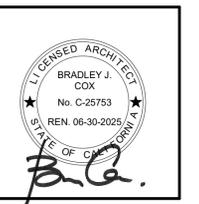


2 MIRROR TYPES
1/2" = 1'-0"

GENERAL WINDOW NOTES

- SEE TEMPERED GLAZING NOTES FOR TEMPERED WINDOWS.
- OUTSIDE DIMENSIONS ARE FRAME WIDTH AND FRAME HEIGHT. SET HEADERS, SILLS, AND JAMB FRAMING TO ACCOMMODATE THESE SIZES.
- ALL HEAD HEIGHTS TO BE THE SAME, UNLESS NOTED OTHERWISE.
- ALL SYSTEM DETAILS AND INSTALLATIONS ARE TO BE PER THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND IN THE FIELD.

REGULATORY APPROVAL STAMP



MOVE IT SILICON VALLEY
BUILDING PERMIT SET
490 DIVISION ST, CAMPBELL, CA 95008

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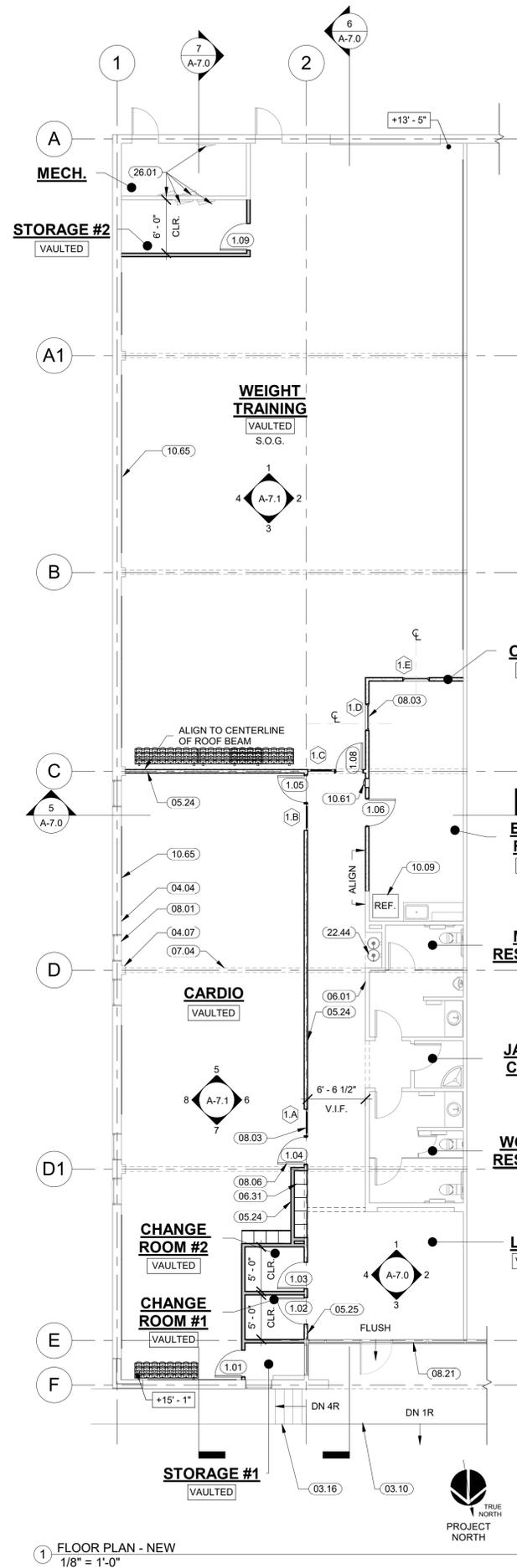
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FLOOR PLAN -
NOTES &
SCHEDULES

A-3.0
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1 FLOOR PLAN - NEW
1/8" = 1'-0"

KEYNOTES

NO.	NOTE
03.10	(E) CONCRETE SLAB TO REMAIN.
03.16	(E) CONCRETE STEPS TO REMAIN.
04.04	(E) CMU WALL TO REMAIN.
04.07	(E) CMU COLUMN TO REMAIN.
05.24	3 5/8" METAL STUD WALL.
05.25	ALIGN NEW 3 5/8" METAL STUD WALL WITH CENTERLINE OF (E) WINDOW STOREFRONT SYSTEM.
06.01	(E) WALL TO REMAIN, TYPICAL.
06.31	LOCKERS AND CASEWORK, TO BE SELECTED BY OWNER.
07.04	(E) ROOF FRAMING TO REMAIN.
08.01	(E) WINDOW TO REMAIN.
08.03	WINDOW.
08.06	DOOR.
08.21	(E) STOREFRONT WINDOW/DOOR SYSTEM TO REMAIN.
10.09	REFRIGERATOR, COORDINATE WITH OWNER.
10.61	RECESSED FIRE EXTINGUISHER CABINET.
10.65	WALL-MOUNTED GYM MIRROR, TO BE SELECTED BY OWNER, TYPICAL.
22.44	(E) HI-LOW DRINKING FOUNTAIN TO REMAIN.
26.01	(E) ELECTRICAL PANEL TO REMAIN. IF AN INCREASED SERVICE BECOMES NECESSARY, THE GENERAL CONTRACTOR WILL FACILITATE PERMIT APPROVAL AND COORDINATE WITH UTILITIES FOR SERVICE UPGRADE.

PROPOSED PLAN LEGEND:

- EXISTING WALL TO REMAIN
- NEW 3 5/8" METAL STUD WALL - 10' HEIGHT SEE 2/A-12.1 & 7/A-12.1
- NEW 3 5/8" METAL STUD WALL - FULL HEIGHT SEE 2/A-12.1 & 8/A-12.1

REGULATORY APPROVAL STAMP

BRAD COX
Architect
inc
community
residential

Brad Cox, Architect, Inc.
LEED AP, AIA
(408) 838-3667
1155 MERCURY AVENUE, SUITE #208
SAN JOSE, CA 95125



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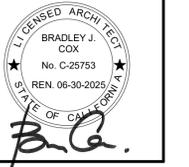
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FLOOR PLAN - NEW

A-3.1

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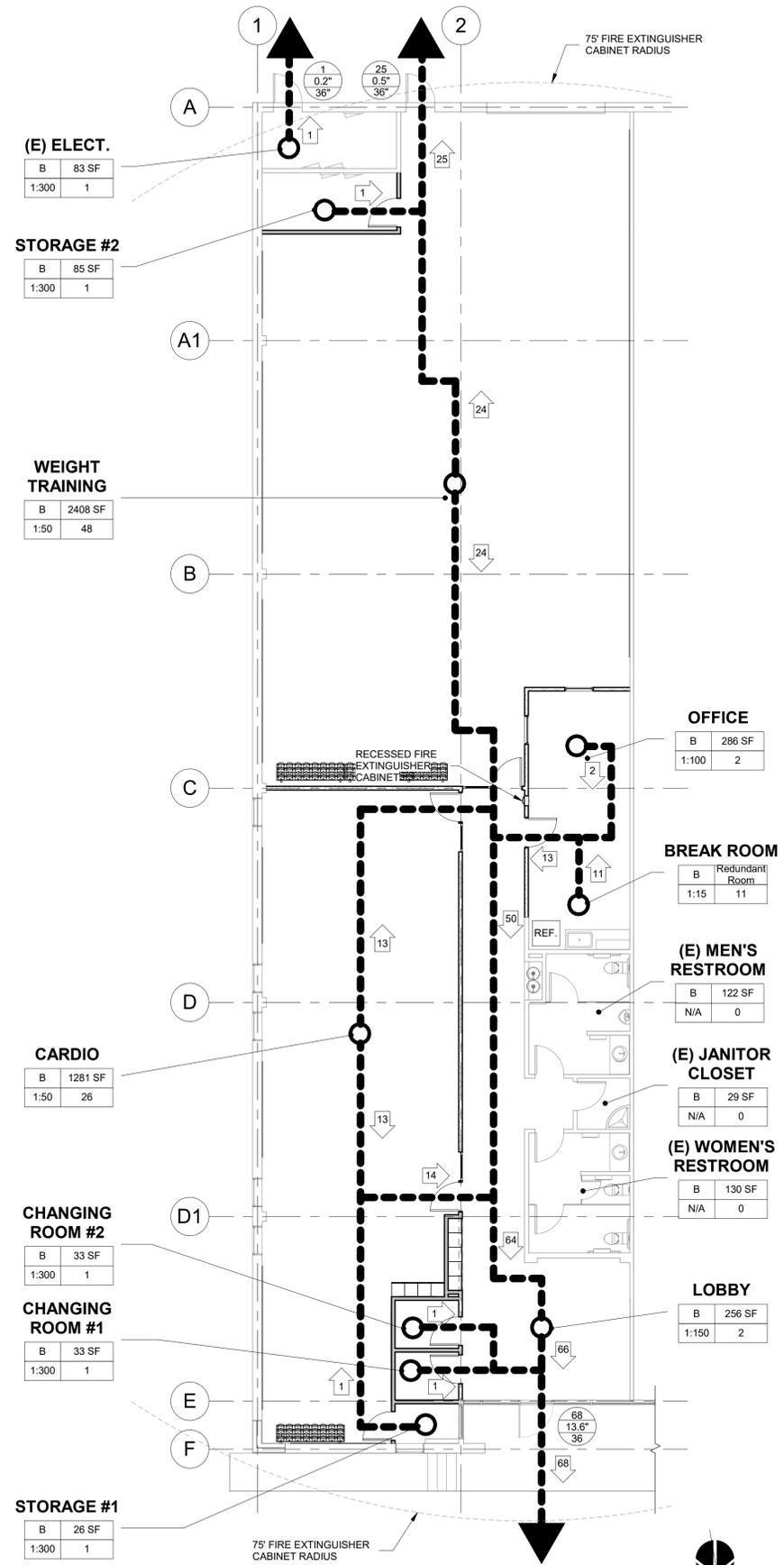
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FLOOR PLAN -
EGRESS

A-3.2
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(E) ELECT.

B	83 SF
1:300	1

STORAGE #2

B	85 SF
1:300	1

WEIGHT TRAINING

B	2408 SF
1:50	48

OFFICE

B	286 SF
1:100	2

BREAK ROOM

B	Redundant Room
1:15	11

(E) MEN'S RESTROOM

B	122 SF
N/A	0

(E) JANITOR CLOSET

B	29 SF
N/A	0

(E) WOMEN'S RESTROOM

B	130 SF
N/A	0

LOBBY

B	256 SF
1:150	2

CARDIO

B	1281 SF
1:50	26

CHANGING ROOM #2

B	33 SF
1:300	1

CHANGING ROOM #1

B	33 SF
1:300	1

STORAGE #1

B	26 SF
1:300	1

EGRESS PLAN LEGEND:

- ACCESSIBLE PATH OF TRAVEL
- AREA OCCUPANT LOAD DESIGNATION
- ROOM NAME
- OCCUPANCY CLASSIFICATION OF SPACE
- SQUARE FOOTAGE
- NUMBER OF OCCUPANTS
- OCCUPANT LOAD FACTOR
- ↑ DIRECTION OF EGRESS AND OCCUPANT LOAD
- ▼ EXIT DOORWAY
- DOORWAY OCCUPANT LOAD DESIGNATION
- NUMBER OF OCCUPANTS
- EXIT WIDTH REQUIRED
- EXIT WIDTH PROVIDED
- 75' FIRE EXTINGUISHERS TRAVEL DISTANCE LIMIT

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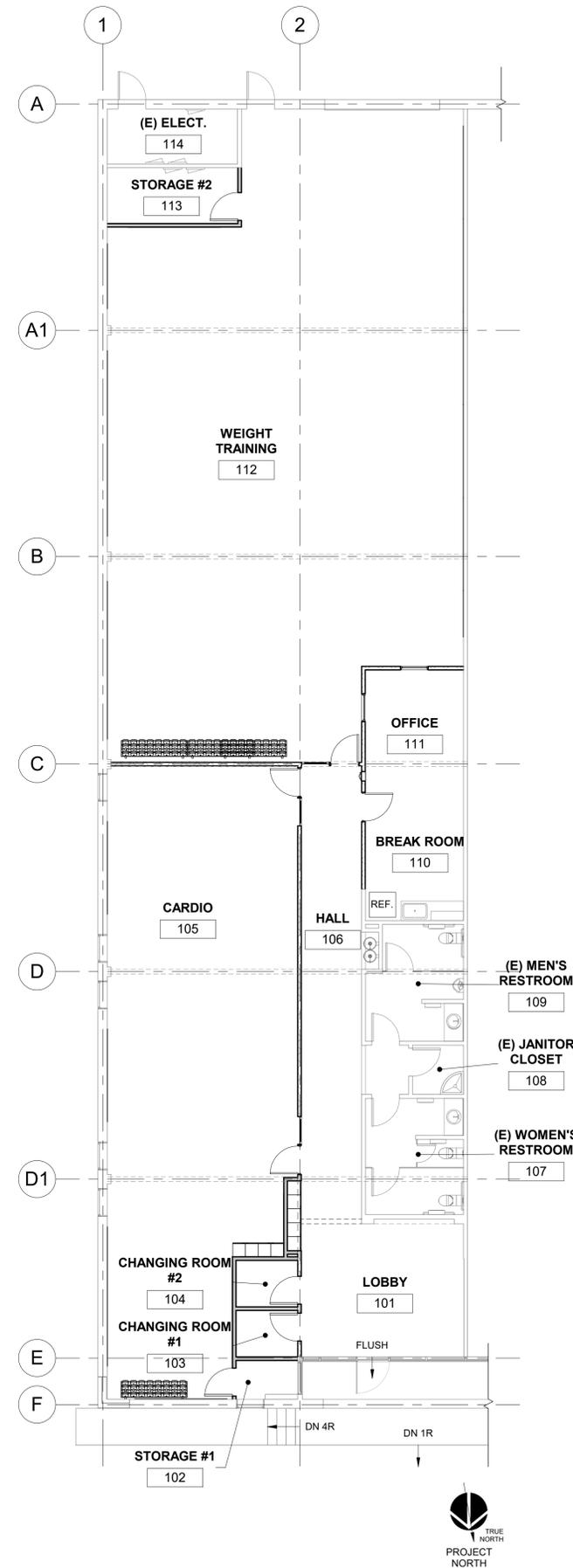


1 FLOOR PLAN - EGRESS
1/8" = 1'-0"

ROOM FINISH SCHEDULE					
NUMBER	ROOM NAME	FLOOR	WALL	CEILING	COMMENT
101	LOBBY	VCT	EX, P03	NONE	
102	STORAGE #1	VCT	GB	NONE	
103	CHANGING ROOM #1	VCT	GB	NONE	
104	CHANGING ROOM #2	VCT	GB	NONE	
105	CARDIO	RGF	GB, P03	NONE	
106	HALL	VCT	GB, P03	NONE	
107	(E) WOMEN'S RESTROOM	EX	EX	EX	
108	(E) JANITOR CLOSET	EX	EX	EX	
109	(E) MEN'S RESTROOM	EX	EX	EX	
110	BREAK ROOM	VCT	GB	DCG	WITHOUT TILE, GRID ONLY
111	OFFICE	VCT	GB	DCG	WITHOUT TILE, GRID ONLY
112	WEIGHT TRAINING	RGF	GB, P03	NONE	
113	STORAGE #2	VCT	GB	NONE	
114	(E) ELECT.	EX	EX	NONE	

FINISH LEGEND

AWC	ACOUSTICAL WOOD GRILLE CEILING
B01	PAINTED WOOD WALL BASE
B02	PORCELAIN WALL BASE
CON	SEALED CONCRETE
CT01	CERAMIC WALL TILE
CT02	PORCELAIN FLOOR TILE
DCG	DROP CEILING GRID - WITHOUT TILE
EX	EXISTING MATERIAL TO REMAIN
GB	GYPSON BOARD
LVP	LUXURY VINYL PLANK OR TILE TO BE SELECTED BY ARCHITECT
MRGB	MOISTURE RESISTANT GYPSUM BOARD
NONE	NONE
P01	TYPICAL WALL PAINT
P02	TYPICAL CEILING PAINT
P03	PAINT, AS SELECTED BY OWNER
PL01	PLASTIC LAMINATE
RGF	RUBBER GYM FLOOR
S01	SOLID SURFACE OR QUARTZ COUNTER
VCT	VINYL COMPOSITION TILE
WD01	SOLID AND VEENER



1 FLOOR PLAN - FINISH
1/8" = 1'-0"

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BUILDING PERMIT SET
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FLOOR PLAN -
FINISH

A-3.3
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1	6/21/23	PLAN CHECK COMMENT

05/11/23

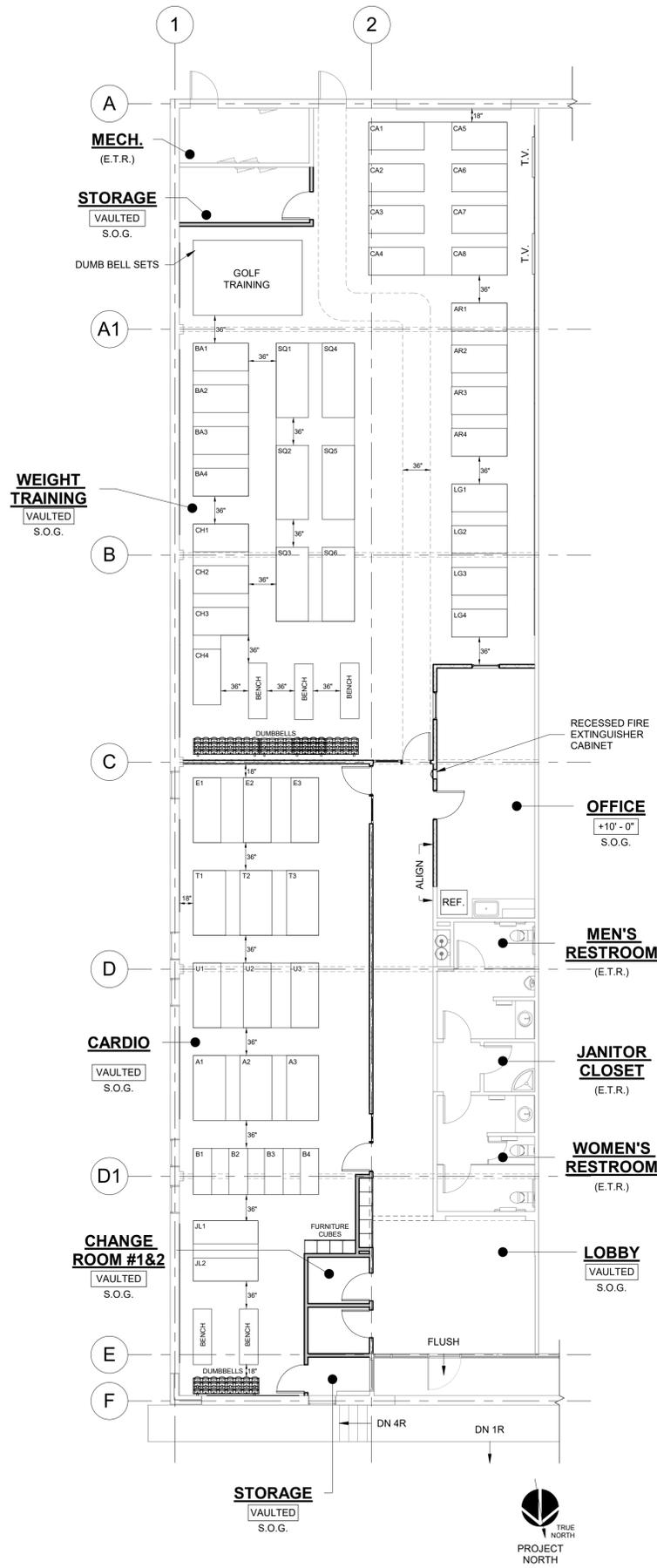
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FLOOR PLAN -
FIXTURE &
EQUIPMENT

A-3.4

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PROPOSED PLAN LEGEND:
 E : ELLIPTICAL 7' X 3'
 T: TREADMILL 7' X 3 1/2'
 U: UPPER BODY ERG 7' X 3'
 A: ARC 7' X 3 1/2"
 B: BIKES 5' X 2'
 JL: JACOB'S LADDER 7' X 2 1/2"
 CA: CARDIO 6' X 3'
 AR: ARMS 6' X 3'
 LG: LEGS 6' X 3'
 CH: CHEST 6' X 3'
 BA: BACK 6' X 3'
 SQ: SQUAT 8' X 3 1/2'

REGULATORY APPROVAL STAMP

1 FLOOR PLAN - FIXTURE & EQUIPMENT
1/8" = 1'-0"



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NO.	DATE	DESCRIPTION

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**LIGHTING &
 REFLECTED
 CEILING PLAN**

A-4.0
 SHEET

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KEYNOTES

NO.	NOTE
07.04	(E) ROOF FRAMING TO REMAIN.
09.46	DROPPED CEILING GRID, NO TILE.

LIGHTING PLAN & RCP LEGEND:

- CEILING SURFACE FIXTURE
- WALL SURFACE MTD. FIXTURE A (letter denotes fixture type)
- CEILING RECESSED CAN
- CEILING WALL WASHER
- CEILING DIRECTIONAL
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR, SD COMBO
- THERMOSTAT
- FAN HANGER OUTLET (Wire Two Switches)
- GARAGE DOOR OUTLET
- SPEAKER
- SINGLE POLE SWITCH
- SINGLE POLE DIMMER SWITCH
- SINGLE POLE THREE-WAY SWITCH
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN ABOVE CEILING WITH BACKDRAFT DAMPER
- EXHAUST FAN WITH LIGHT
- L.E.D. UNDER CABINET FIXTURE
- FLUOR. ROPE FIXTURE
- WEATHER PROOF
- EXTERIOR FLOOD LIGHT W/MOTION DETECTOR
- PENDANT LIGHT FIXTURE (Single Arm)
- EXIT LIGHT - CEILING MOUNTED
- EXIT LIGHT - WALL MOUNTED
- CEILING MOUNTED LED LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- CEILING MOUNTED LED LIGHT FIXTURE
- CEILING EXHAUST FAN/LIGHT COMBO W/FLOUR. FIXT. VENT TO OUTSIDE AIR
- CEILING FAN, LIGHT COMBO
- CEILING GAS HEATER
- GARAGE DOOR OPENER
- TRACK LIGHTING
- SPRINKLER
- JUNCTION BOX

REGULATORY APPROVAL STAMP

LIGHTING PLAN GENERAL NOTES

GENERAL NOTES

- THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR THE SELECTION OF INTERIOR AND EXTERIOR LIGHT FIXTURES.
- CONTRACTOR TO VERIFY LOCATION OF ALL LIGHTS AND SWITCHES WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- WALL SWITCHES TO BE LOCATED 42" ABOVE FINISH FLOOR, TYP., U.N.O.
- SMOKE ALARMS ARE TO BE 110V WITH A BATTERY BACK-UP AND INTERCONNECTED - MUST BE AUDIBLE IN ALL SLEEPING AREAS.
- CARBON MONOXIDE ALARMS: INSTALL PER CRC R315 AND INTERCONNECT WITH SMOKE DETECTORS. CARBON MONOXIDE ALARMS SHALL BE "LISTED" AS COMPLYING WITH UL 2034 AND UL 2075. CRC R315.3.
- NEW PERMANENTLY INSTALLED LIGHTING SHALL COMPLY WITH 2016 CA ENERGY CODE SECTION 150(K) AND SHALL BE HIGH EFFICACY FIXTURES (E.G. L.E.D. OR FLUORESCENT) OR PROVIDE A DIMMER SWITCH OR BE CONTROLLED BY A VACANCY SENSOR (MANUAL-ON OCCUPANCY SENSOR AND MOTION SENSOR THAT COMPLIES WITH CEC SECTION 110.99(b)) AND SHALL NOT HAVE A CONTROL THAT ALLOWS THE LUMINAIRES TO BE TURNED ON AUTOMATICALLY OR THAT HAS AN OVERRIDE ALLOWING THE LUMINAIRES TO BE ALWAYS ON.
- ALL PERMANENTLY INSTALLED HIGH EFFICACY LUMINAIRES MUST BE SWITCHED SEPARATELY FROM LOW EFFICACY LUMINAIRES.
- RECESSED LIGHTING FIXTURES SHALL BE RATED AS AIR-TIGHT (AT) AND, WHEN INSTALLED IN CEILINGS SHALL HAVE AN APPROVED ZERO CLEARANCE INSULATION COVER (IC).
- CONTRACTOR TO VERIFY LOCATION OF DOOR BELL CHIME AND MAKE SURE THAT IT FUNCTIONS PROPERLY AFTER THE COMPLETION OF THE ELECTRICAL SYSTEM.
- SCREW BASED PERMANENTLY INSTALLED LIGHT FIXTURES MUST CONTAIN SCREW-BASED JAB (JOINT APPENDIX B) COMPLIANT LAMPS. JAB COMPLIANT LIGHT SOURCES MUST BE MARKED AS "JAB-2016" OR "JAB-2016-E".
- JAB COMPLIANT LIGHT SOURCES IN THE FOLLOWING LOCATIONS SHALL BE CONTROLLED BY VACANCY SENSORS OR DIMMERS:
 - A. CEILING RECESSED DOWNLIGHT LUMINAIRES
 - B. LED LUMINAIRES WITH INTEGRAL SOURCES.
 - C. PIN-BASED LED LAMPS (I.E. MR16, AR-111, ETC.)
 - D. GU-24 BASED LED LIGHT SOURCES.
- THE NUMBER OF BLANK ELECTRICAL BOXES MORE THAN FIVE FEET ABOVE THE FINISH FLOOR SHALL BE LIMITED TO NO MORE THAN THE NUMBER OF BEDROOMS. THESE BOXES SHALL BE CONTROLLED BY A DIMMER, VACANCY SENSOR, OR FAN SPEED CONTROL.
- A COMPLETED CP2R-LTG-01-E FORM MUST BE PROVIDED TO THE CITY BUILDING INSPECTOR PRIOR TO FINAL INSPECTION.

BATHROOMS

- ALL LIGHTS IN THE POWDER ROOM OR BATHROOM SHALL BE HIGH EFFICACY LUMINAIRES.
- AT LEAST ONE FIXTURES IN EACH BATHROOM SHALL BE CONTROLLED BY A VACANCY SENSOR (MANUAL-ON OCCUPANCY SENSOR AND MOTION SENSOR THAT COMPLIES WITH CEC SECTION 110.99(b)) AND SHALL NOT HAVE A CONTROL THAT ALLOWS THE LUMINAIRES TO BE TURNED ON AUTOMATICALLY OR THAT HAS AN OVERRIDE ALLOWING THE LUMINAIRES TO BE ALWAYS ON).

LAUNDRY ROOMS

- ALL LIGHTS IN THE LAUNDRY ROOM SHALL BE HIGH EFFICACY LUMINAIRES.
- AT LEAST ONE FIXTURES IN THE LAUNDRY ROOM SHALL BE CONTROLLED BY A VACANCY SENSOR (MANUAL-ON OCCUPANCY SENSOR AND MOTION SENSOR THAT COMPLIES WITH CEC SECTION 110.99(b)) AND SHALL NOT HAVE A CONTROL THAT ALLOWS THE LUMINAIRES TO BE TURNED ON AUTOMATICALLY OR THAT HAS AN OVERRIDE ALLOWING THE LUMINAIRES TO BE ALWAYS ON).

SHOWER

- THE FOLLOWING FIXTURES SHALL BE LISTED FOR A DAMP LOCATION OR A WET LOCATION WHEN SUBJECT TO SHOWER SPRAY: 1) LIGHTING FIXTURES LOCATED WITHIN THE TUB/SHOWER ENCLOSURE, AND 2) HANGING LIGHTING FIXTURES AND PADDLE FANS LOCATED WITHIN 3' HORIZONTALLY AND 8' VERTICALLY OF THE BATHTUB RIM/SHOWER STALL THRESHOLD. (CEC 410.4)

UTILITY ROOMS

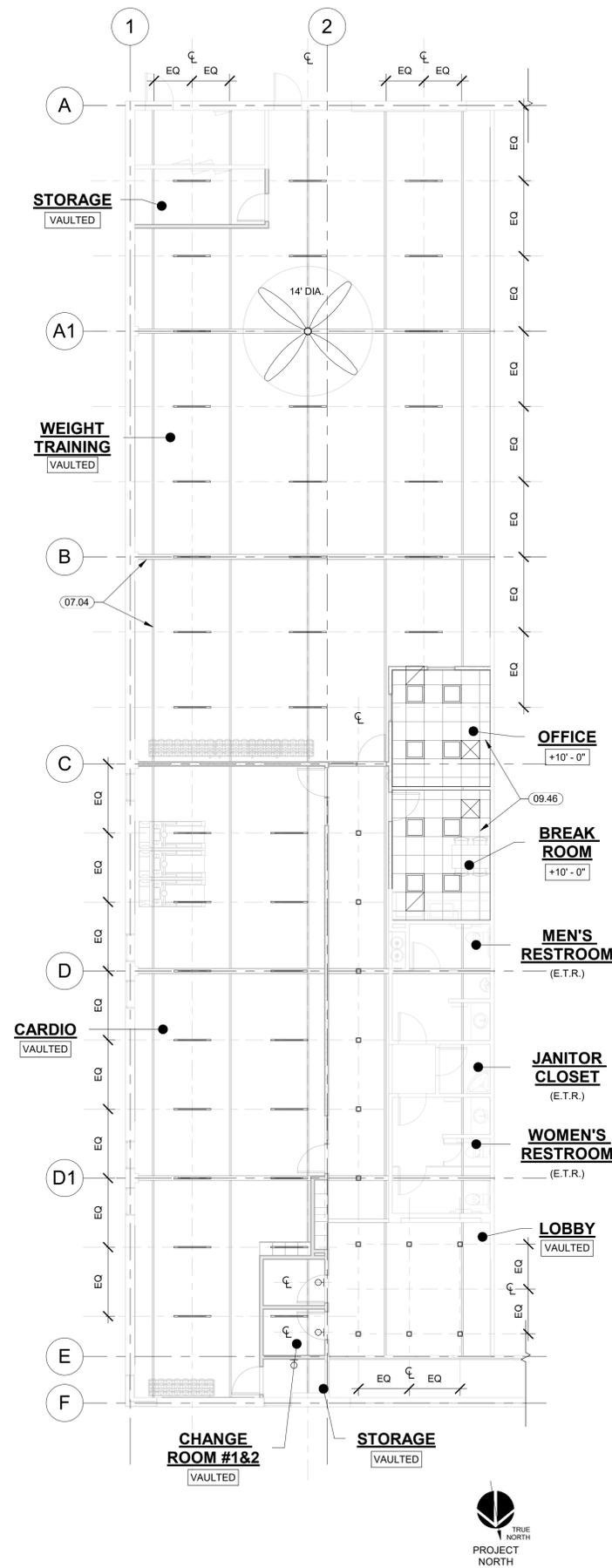
- ALL LIGHTS IN THE UTILITY ROOM SHALL BE HIGH EFFICACY LUMINAIRES.
- AT LEAST ONE FIXTURE IN THE UTILITY ROOM SHALL BE CONTROLLED BY A VACANCY SENSOR (MANUAL-ON OCCUPANCY SENSOR AND MOTION SENSOR THAT COMPLIES WITH CEC SECTION 110.99(b)) AND SHALL NOT HAVE A CONTROL THAT ALLOWS THE LUMINAIRES TO BE TURNED ON AUTOMATICALLY OR THAT HAS AN OVERRIDE ALLOWING THE LUMINAIRES TO BE ALWAYS ON).

OUTDOORS

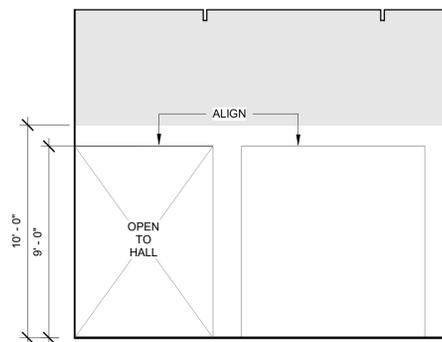
- ALL OUTDOOR LIGHTS PERMANENTLY MOUNTED TO THE RESIDENTIAL BUILDING OR TO OTHER BUILDINGS ON THE SAME LOT ARE HIGH EFFICACY LUMINAIRES OR ARE TO BE CONTROLLED BY A MOTION SENSOR WITH INTEGRAL PHOTO CONTROL.
- THE LIGHTS SHALL HAVE A MANUAL ON/OFF SWITCH AND ONE OF THE FOLLOWING:
 - PHOTOCONTROL AND MOTION SENSOR
 - PHOTOCONTROL AND AUTOMATIC TIME SWITCH CONTROL
 - ASTRONOMICAL TIME SWITCH CONTROL
 - ENERGY MANAGEMENT CONTROL SYSTEMS.

EXISTING TO REMAIN
 (NO WORK)

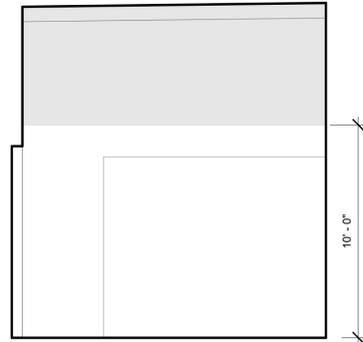
EXISTING TO REMAIN
 (NO WORK)



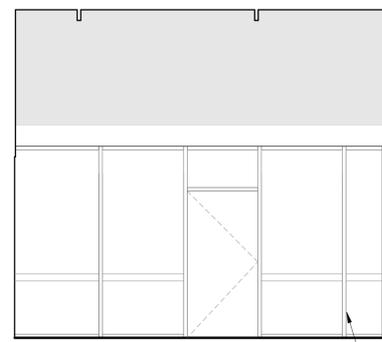
1 REFLECT CEILING & LIGHTING PLAN
 1/8" = 1'-0"



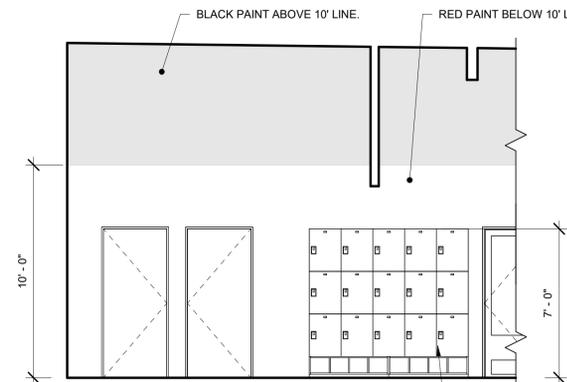
1 INTERIOR ELEVATION - LOBBY - SOUTH
1/4" = 1'-0"



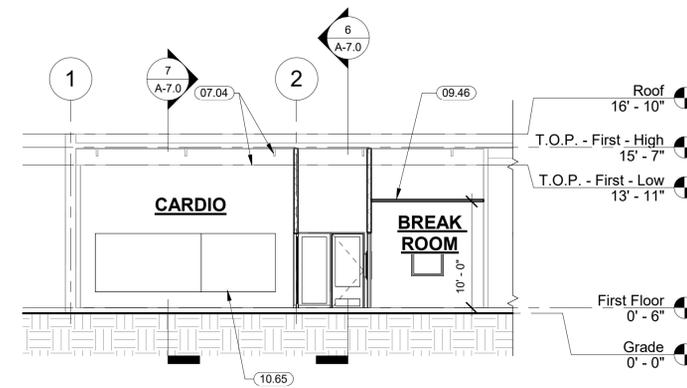
2 INTERIOR ELEVATION - LOBBY - WEST
1/4" = 1'-0"



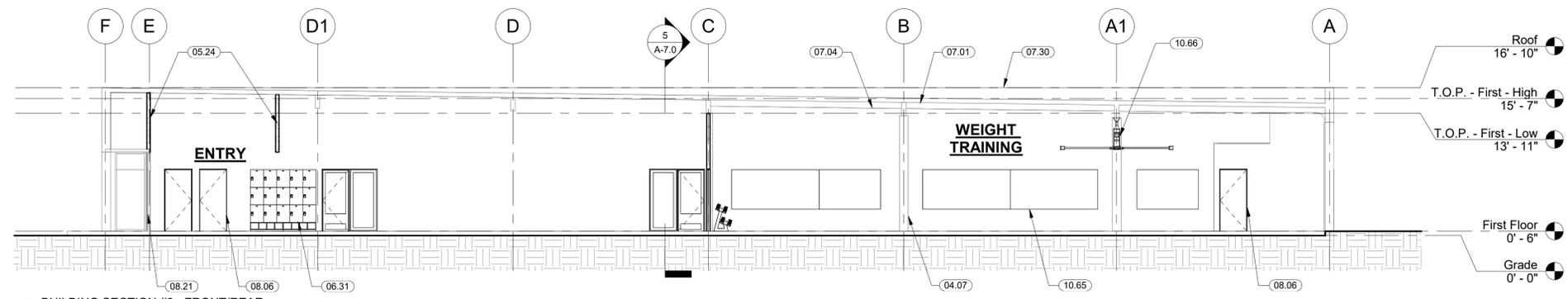
3 INTERIOR ELEVATION - LOBBY - NORTH
1/4" = 1'-0"



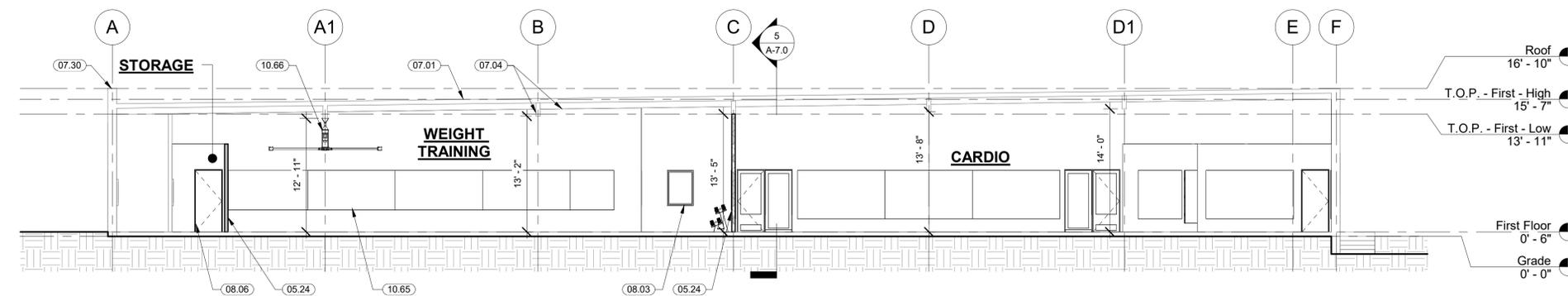
4 INTERIOR ELEVATION - LOBBY - EAST
1/4" = 1'-0"



5 BUILDING SECTION #3 - LEFT/RIGHT
1/8" = 1'-0"



6 BUILDING SECTION #2 - FRONT/REAR
1/8" = 1'-0"



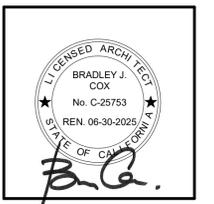
7 BUILDING SECTION #1 - FRONT/REAR
1/8" = 1'-0"

KEYNOTES

NO.	NOTE
04.07	(E) CMU COLUMN TO REMAIN.
05.24	3 5/8" METAL STUD WALL.
06.31	LOCKERS AND CASEWORK, TO BE SELECTED BY OWNER.
07.01	(E) ROOF FINISH TO REMAIN.
07.04	(E) ROOF FRAMING TO REMAIN.
07.30	(E) ROOF PARAPET TO REMAIN.
08.03	WINDOW.
08.06	DOOR.
08.21	(E) STOREFRONT WINDOW/DOOR SYSTEM TO REMAIN.
09.46	DROPPED CEILING GRID, NO TILE.
10.65	WALL-MOUNTED GYM MIRROR, TO BE SELECTED BY OWNER. TYPICAL.
10.66	14" DIAMETER BIG ASS FAN, TO BE SELECTED BY OWNER.

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residential

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1155 MERIDIAN AVENUE, SUITE #208
SAN JOSE, CA 95125



MOVE IT SILICON VALLEY
BUILDING PERMIT SET
490 DIVISION ST, CAMPBELL, CA 95008

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REVISIONS

NO.	DATE	DESCRIPTION

REGULATORY APPROVAL STAMP

05/11/23
DATE

BUILDING SECTIONS & INTERIOR ELEVATION
A-7.0
SHEET

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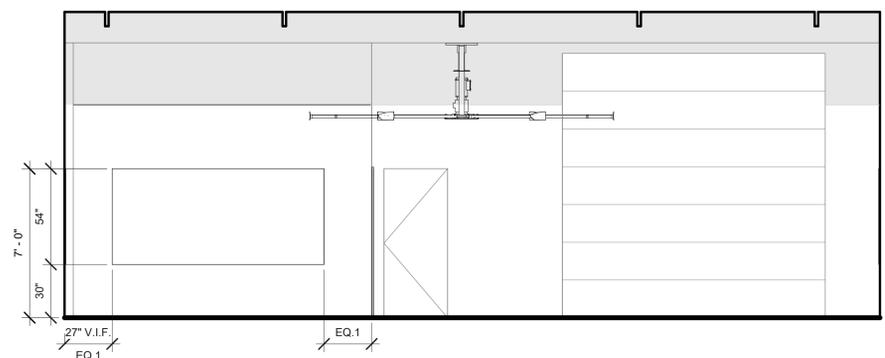
REGULATORY APPROVAL STAMP

05/11/23
 DATE

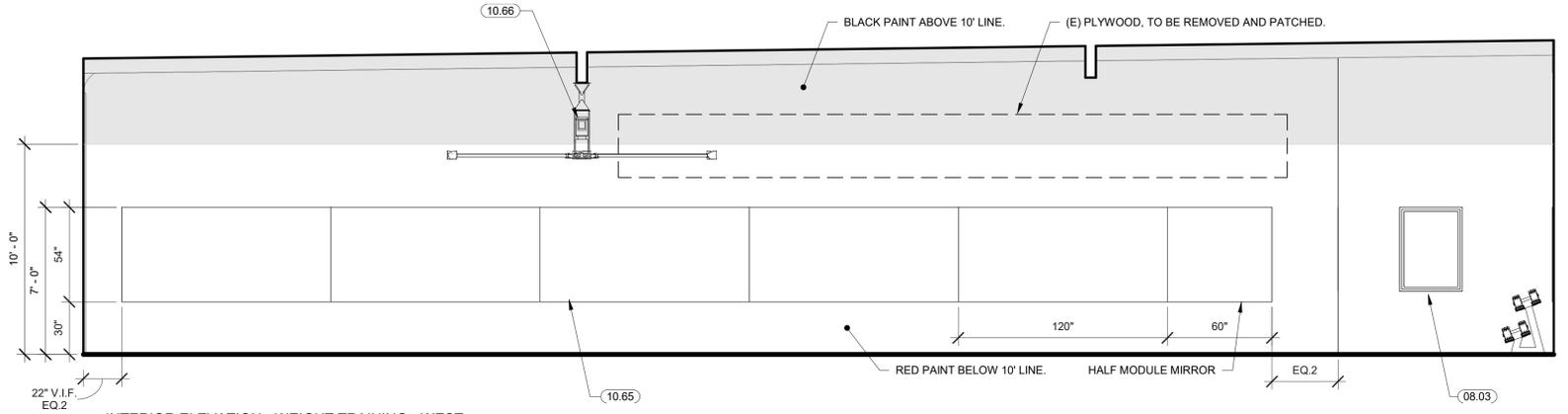
INTERIOR
 ELEVATIONS

A-7.1
 SHEET

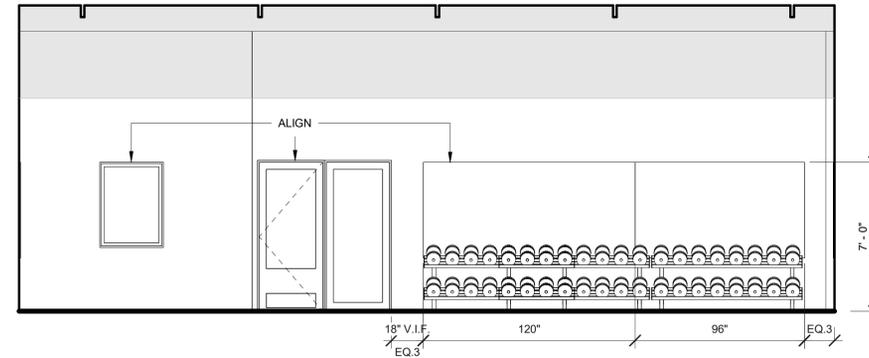
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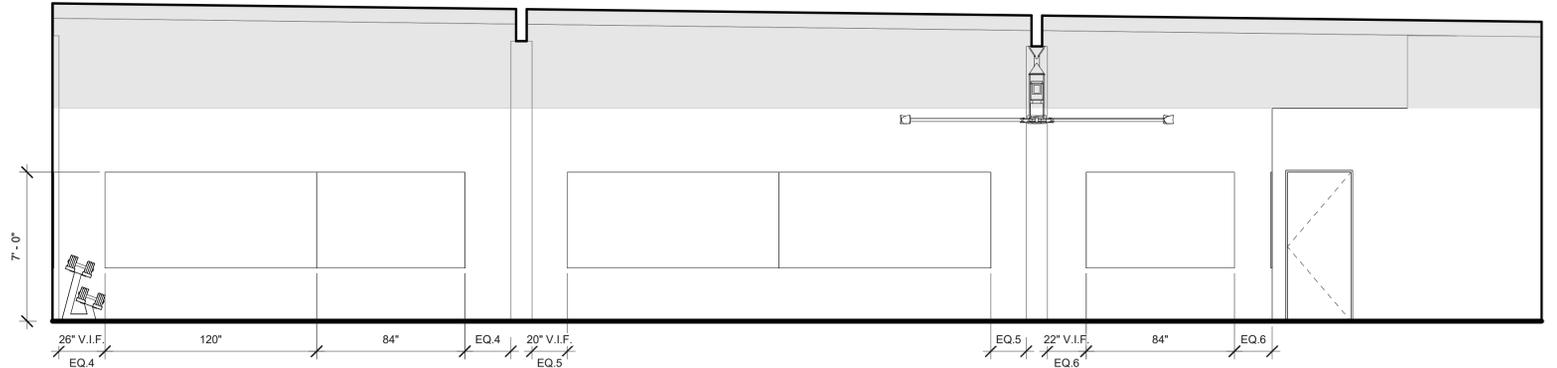
1 INTERIOR ELEVATION - WEIGHT TRAINING - SOUTH
 1/4" = 1'-0"



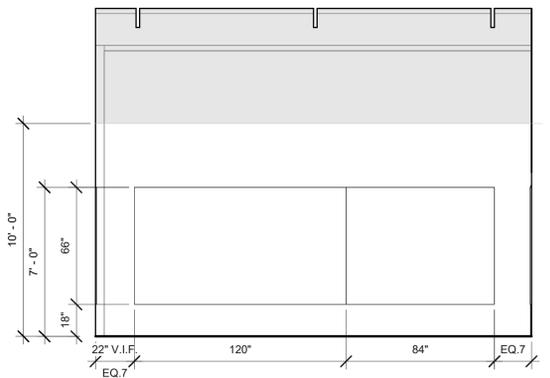
2 INTERIOR ELEVATION - WEIGHT TRAINING - WEST
 1/4" = 1'-0"



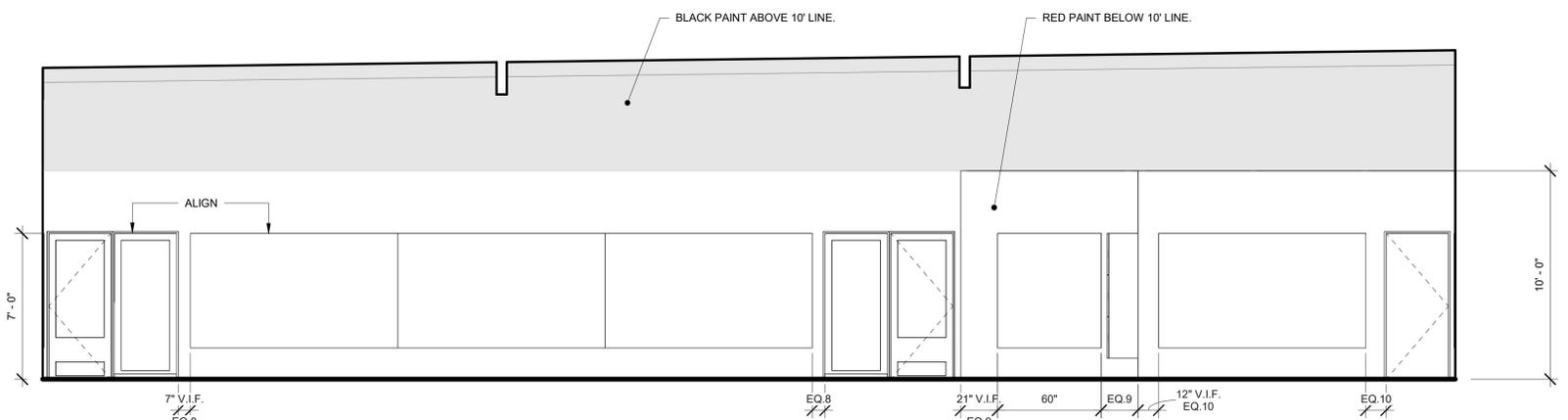
3 INTERIOR ELEVATION - WEIGHT TRAINING - NORTH
 1/4" = 1'-0"



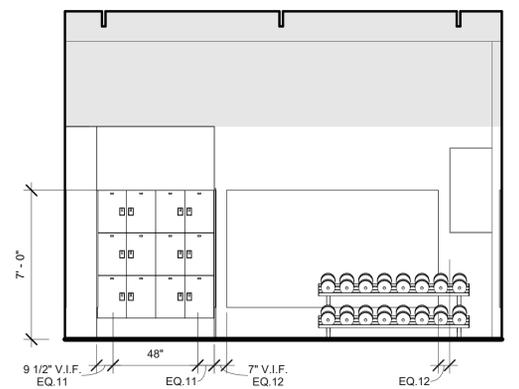
4 INTERIOR ELEVATION - WEIGHT TRAINING - EAST
 1/4" = 1'-0"



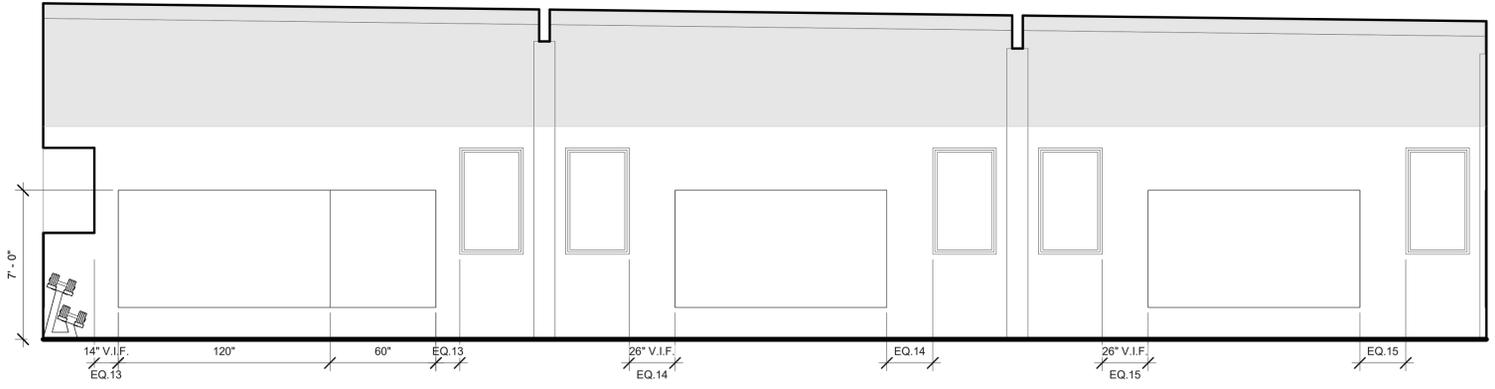
5 INTERIOR ELEVATION - CARDIO - SOUTH
 1/4" = 1'-0"



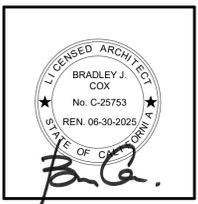
6 INTERIOR ELEVATION - CARDIO - WEST
 1/4" = 1'-0"



7 INTERIOR ELEVATION - CARDIO - NORTH
 1/4" = 1'-0"



8 INTERIOR ELEVATION - CARDIO - EAST
 1/4" = 1'-0"



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 BUILDING PERMIT SET
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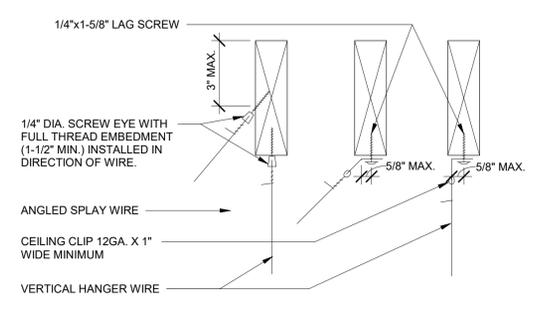
05/11/23
 DATE

DETAILS

A-12.0
 SHEET

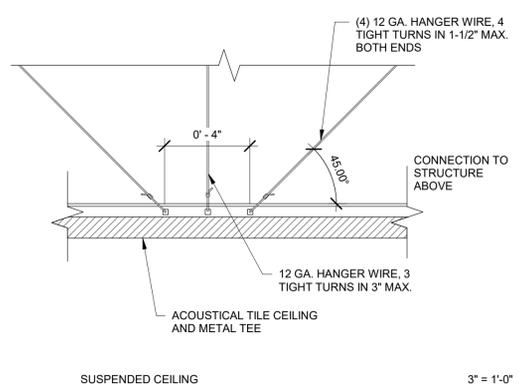
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NOTE:
 1. WIRE TO BE 12 GAUGE, SOFT ANNEALED, AND GALVANIZED MILD STEEL.
 2. MINIMUM 4 TIGHT TURNS IN 1-1/2" AT BOTH ENDS FOR ANGLED WIRES.
 3. MINIMUM 3 TIGHT TURNS IN 3" AT BOTH ENDS FOR VERTICAL WIRE.



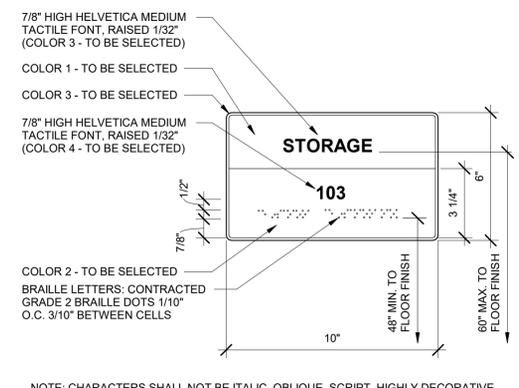
UPPER WIRE CONNECTION AT WOOD CEILING JOISTS 3" = 1'-0"

12 DETAIL - CEILING - UPPER WIRE CONNECTION AT WOOD CEILING JOISTS 3" = 1'-0"



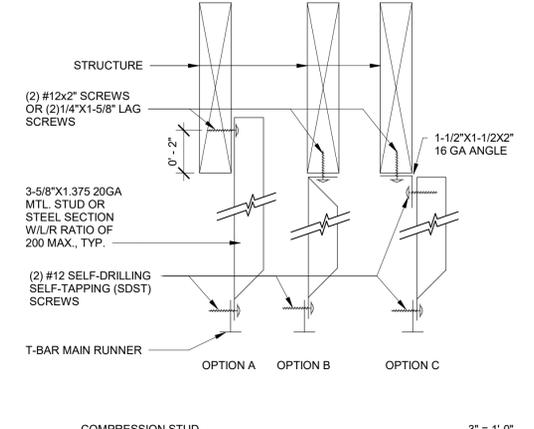
SUSPENDED CEILING 3" = 1'-0"

8 DETAIL - CEILING - SUSPENDED CEILING 3" = 1'-0"



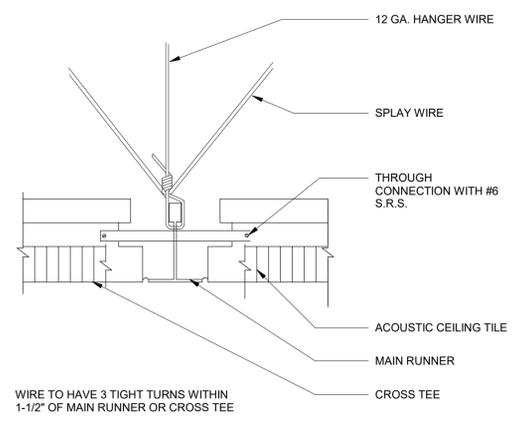
STORAGE 103 3" = 1'-0"

4 DETAIL - ADA - ROOM IDENTIFICATION SIGNAGE 3" = 1'-0"



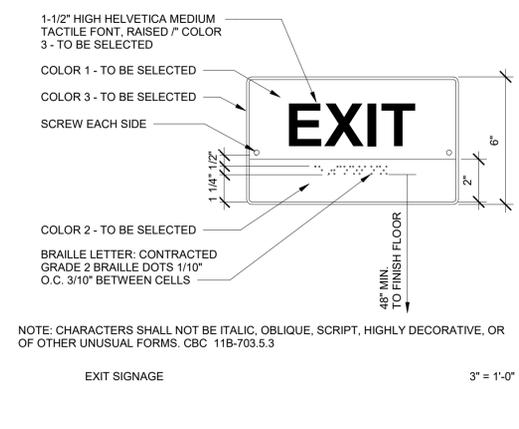
COMPRESSION STUD 3" = 1'-0"

11 DETAIL - CEILING - COMPRESSION STUD 3" = 1'-0"



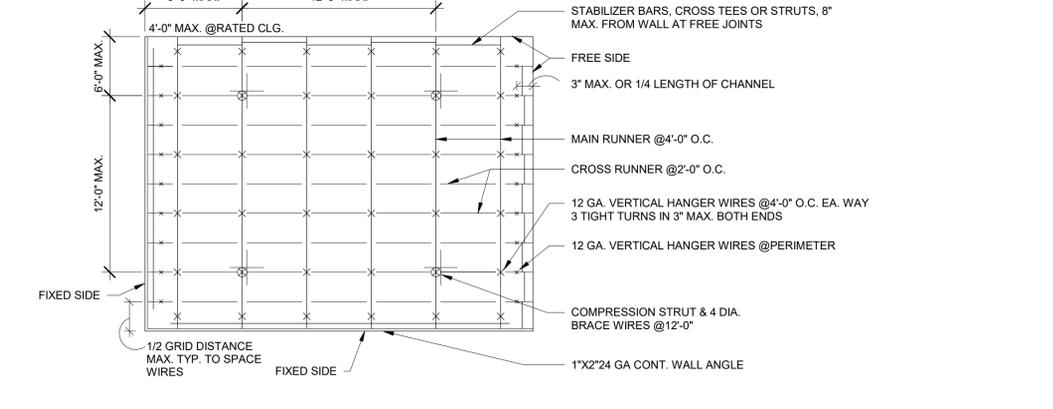
WIRE TO HAVE 3 TIGHT TURNS WITHIN 1-1/2" OF MAIN RUNNER OR CROSS TEE 3" = 1'-0"

7 DETAIL - CEILING - T-BAR AT INTERSECTION OF MAIN RUNNER & CROSS TEE 1 1/2" = 1'-0"

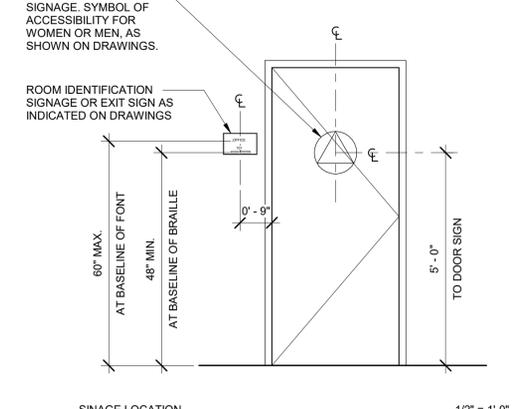


EXIT SIGNAGE 3" = 1'-0"

4 DETAIL - ADA - EXIT SIGNAGE 3" = 1'-0"

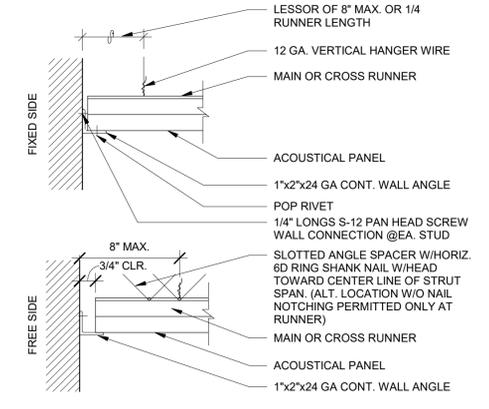


10 DETAIL - CEILING - TYPICAL ACOUSTICAL PANEL CEILING PERIMETER SUSPENSION 3" = 1'-0"

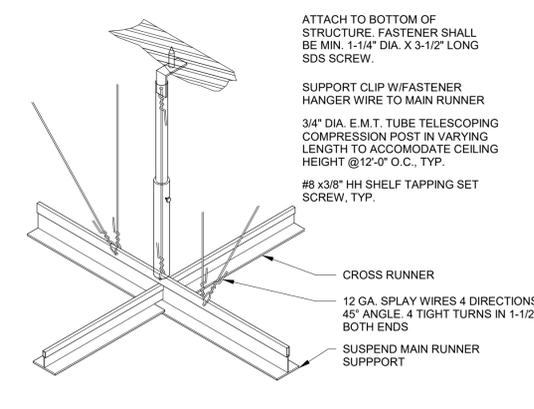


SIGNAGE LOCATION 1/2" = 1'-0"

2 DETAIL - ADA - SIGNAGE LOCATION 1/2" = 1'-0"



13 DETAIL - CEILING - ACOUSTICAL PANEL CEILING PERIMETER 3" = 1'-0"



9 DETAIL - CEILING - COMPRESSION STRUT 3" = 1'-0"

1/2" EMT	UP TO 5'-0"
3/4" EMT	UP TO 8'-0"
1" EMT	UP TO 10'-0"
2-1/2" X 25 GA. METAL STUD	UP TO 10'-0"
DOUBLE 3-5/8" X 25 GA. METAL STUD STITCHED WITH #6 SCREW @ 16" O.C.	UP TO 15'-0"

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B.C.

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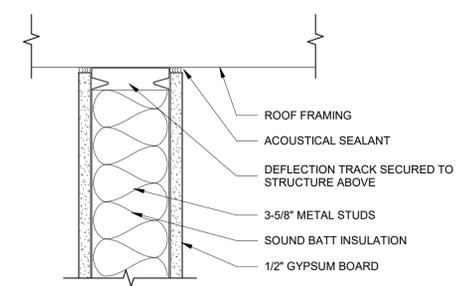
REVISIONS		
NO.	DATE	DESCRIPTION

05/11/23
DATE

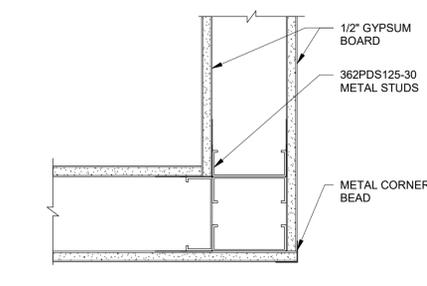
DETAILS

A-12.1
SHEET

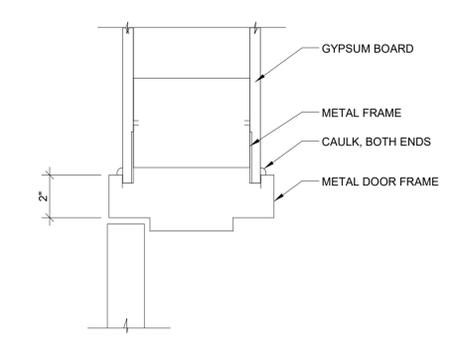
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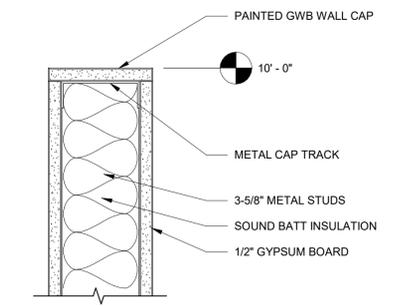
8 DETAIL - WALL - FULL HEIGHT METAL STUD WALL PARTITION
3" = 1'-0"



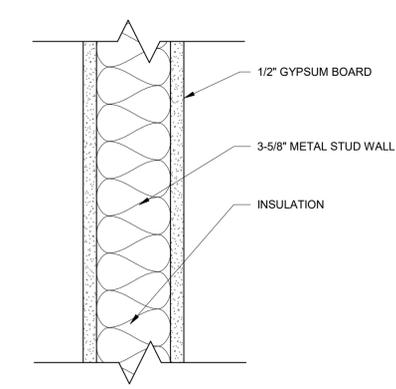
4 DETAIL - WALL - INTERIOR CORNER WALL WITH METAL STUDS
3" = 1'-0"



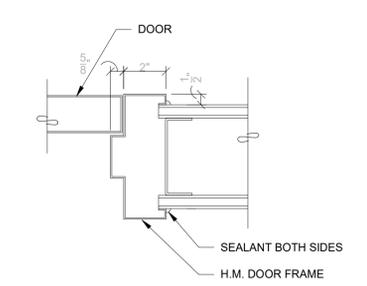
11 DETAIL - DOOR - HEAD - METAL FRAME
3" = 1'-0"



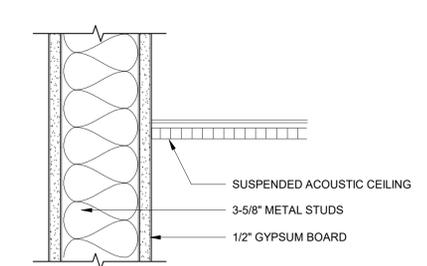
7 DETAIL - WALL - 10' HEIGHT METAL STUD WALL PARTITION
3" = 1'-0"



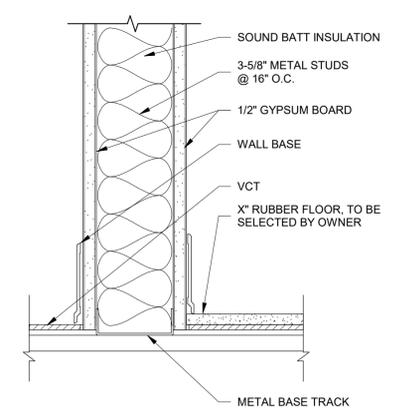
3 DETAIL - WALL - TYPICAL INTERIOR WALL PARTITION
3" = 1'-0"



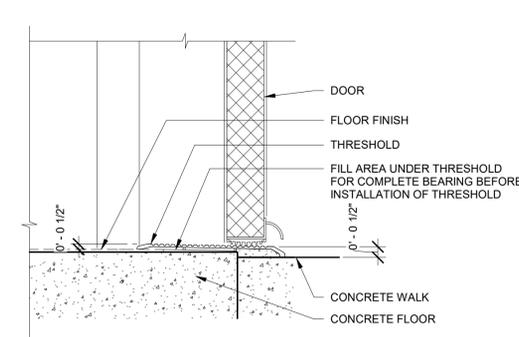
10 DETAIL - DOOR - JAMB (HEAD SIMILAR)
3" = 1'-0"



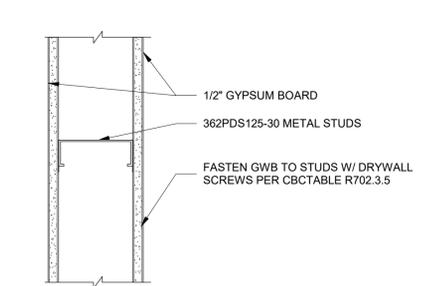
6 DETAIL - WALL - T-BAR CEILING AT METAL STUD WALL PARTITION
3" = 1'-0"



2 DETAIL - FLOOR - VCT OR RUBBER FLOORING AT WALL BASE
3" = 1'-0"



9 DETAIL - DOOR - THRESHOLD
3" = 1'-0"



5 DETAIL - WALL - INTERIOR WALL WITH METAL STUDS
3" = 1'-0"

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