

Abbreviations

A	AMPERES	CH or C	CHANNEL	EXH.	EXHAUST
A.B.	ANCHOR BOLT	CKT. BKR.	CIRCUIT BREAKER	EXIST. or E	EXISTING
A.F.F.	ABOVE FINISHED FLOOR	CL. or F	CENTERLINE	EXT.	EXTERIOR
A.F.G.	ABOVE FINISHED GRADE	CLG.	CEILING	F.A.	FIRE ALARM
A/C	AIR CONDITIONING	CLKG.	CAULKING	F.C.	FAN COIL
ABC	AGGREGATE BASE COURSE	CLO.	CLOSET	F.C.O.	FLOOR CLEAN OUT
ABS	ACRYLONITRILE-BUTADIENE-STYRENE	CLR.	CLEAR	F.D.	FLOOR DRAIN
ABV.	ABOVE	CMU	CONCRETE MASONRY UNIT	F.E.	FIRE EXTINGUISHER
ACB	ASBESTOS-CEMENT BOARD	CNTRD.	CENTERED	F.N.	FIELD NAILING
ACOU.	ACOUSTIC	COL.	COLUMN	F.O.	FACE OF
ACT	ACOUSTICAL CEILING TILE	COMB.	COMBINATION	F.S.	FLOOR SINK
ADD.	ADDITION or ADDENDUM	CONC.	CONCRETE	F/G	FIBERGLASS
AG	ABOVE GRADE	CONST.	CONSTRUCTION	FAB.	FABRICATE
AHU	AIR HANDLER UNIT	CONT.	CONTINUOUS	FACP	FIRE ALARM CONTROL PANEL
AL. or ALUM.	ALUMINUM	CONTR.	CONTRACTOR	FDC	FIRE DEPARTMENT CONNECT
ALT.	ALTERNATE	CU	COPPER	FDN.	FOUNDATION
ANL.	ANNEALED	d	PENNY	FHC	FIRE HOSE CABINET
ASPH.	ASPHALT	D.F.	DRINKING FOUNTAIN	FIN.	FINISH
AVG	AVERAGE	D.G.	DECOMPOSED GRANITE	FL	FLOOR
AWG	AMERICAN WIRE GAUGE	D.S.	DOWN SPOUT	FLG.	FLOORING
∠	ANGLE	D/W	DISHWASHER	FLUOR.	FLUORESCENT
B.M.	BENCH MARK	DBL.	DOUBLE	FP	FIRE PROOF
B.N.	BOUNDARY NAILING	DEMO	DEMOLITION	FTG.	FOOTING
B.O.	BOTTOM OF	DIA. or Ø	DIAMETER	FURN.	FURNISH
B.O.F.	BOTTOM OF FOOTING	DIAG.	DIAGONAL	G.I.	GALVANIZED IRON
B.U.	BUILT UP	DIM.	DIMENSION	GA.	GAUGE
B/C	BACK OF CURB	DL	DEAD LOAD	GALV.	GALVANIZED
BD.	BOARD	DN.	DOWN	GAR.	GARAGE
BLDG	BUILDING	DR	DOOR	GFI	GROUND FAULT INTERRUPTER
BLK.	BLOCK	E.A.	EXPANSION ANCHOR	" " " "	"CIRCUIT INTERRUPTER
BLKG.	BLOCKING	E.F.	EXHAUST FAN	GL	GLASS
BM.	BEAM	E.J.	EXPANSION JOINT	GLB	GLUE LAMINATED BEAM
BR	BRASS	E.N.	END NAILING	GM	GRADE MARK
BRG.	BEARING	E.W.	EACH WAY	GM	GATE VALVE
BRZ	BRONZE	EA.	EACH	GRC	GALVANIZED RIGID TUBING
C.A.P.	CONCRETE ASBESTOS PIPE	EL	ELEVATION	GYP.	GYPSON
C.D.	CONSTRUCTION DOCUMENTS	ELECT.	"ELECTRIC, ELECTRICAL"	GYP. BD.	GYPSON BOARD
C.I.P.	CAST IN PLACE	ELEV.	ELEVATOR	H.B.	HOSE BIBB
C.J.	CONTROL JOINT	EMC	ELECTRICAL METALLIC CONDUIT	H.C.	HOLLOW CORE
C.O.	CLEAN OUT	EMT	ELECTRICAL METALLIC TUBING	H.M.	HOLLOW METAL
C.T.	CERAMIC TILE	ENT	ELECTRICAL NON-METALLIC TUBING	H/C	HANDICAPPED
CAB	CABINET	EQ.	EQUAL	HDBD.	HARDBOARD
CAM.	CAMBER	EQUIP.	EQUIPMENT	HDW	HARDWARE
CCTV	CLOSED CIRCUIT TELEVISION	EST.	ESTIMATE	HGT.	HEIGHT
CEM.	CEMENT	EVAP.	EVAPORATIVE COOLER	HOR.	HORIZONTAL
CER	CERAMIC	EWC	ELECTRIC DRINKING COOLER	HTR	HEATER
CFM	CUBIC FEET PER MINUTE	EXC	EXCAVATE	HVAC	"HEATING, VENTILATING AIR CONDITIONING"
HW	HOT WATER	OPPO.	OPPOSITE	T.O.J.	TOP OF JOIST
HYD.	HYDRAULIC	P.C.	PRECAST CONCRETE	T.O.M.	TOP OF MASONRY
I.C.	INTERCOM OUTLET	P.L. or P	PROPERTY LINE	T.O.S.	TOP OF SLAB
I.D.	INSIDE DIAMETER	P.LAM.	PLASTIC LAMINATE	T.O.W.	TOP OF WALL
I.F.	INSIDE FACE	P.O.C.	POINT OF CONNECTION	T.S.	TUBE STEEL
ID	IDENTIFICATION	PERF.	PERFORATED	T.V.	TELEVISION OUTLET
IG	ISOLATED GROUND	PERP. or ⊥	PERPENDICULAR	TEL.	TELEPHONE
IMC	INTERMEDIATE METALLIC CONDUIT	PH or Ø	PHASE	TH.	THRESHOLD
IMPG	IMPREGNATED	PL	PLASTER	THD.	THREADED
INCL.	"INCLUDE, INCLUSIVE"	PL. or P	PLATE	THK.	THICK
INSUL.	INSULATION	PLAS.	PLASTIC	THRU	THROUGH
INT.	INTERIOR	PLUMB.	PLUMBING	TLT.	TOILET
J-BOX	JUNCTION BOX	PLYWD.	PLYWOOD	TRANS.	TRANSFORMER
JCT	JUNCTION	PORC.	PORCELAIN	TYP.	TYPICAL
JST.	JOIST	PREFAB.	PREFABRICATED	UNF.	UNFINISHED
JT.	JOINT	PSF	POUNDS PER SQUARE FOOT	UR	URINAL
K-D	KNOCK DOWN	PSI	POUNDS PER SQUARE INCH	V.B.	VAPOR BARRIER
KD	KILN DRIED	PTN.	PARTITION	V.L.F.	VERIFY IN FIELD
KO	KNOCK OUT	PVC	POLYVINYLCHLORIDE	VA	VOLT AMPERE
L.E.D.	LIGHT EMITTING DIODE	PWR.	POWER	VCT	VINYL COMPOSITION TILE
L.F.T.	LINEAR FEET	Q.T.	QUANTITY	VERT.	VERTICAL
LAM	LAMINATE	QTY.	QUANTITY	W/C	WATER CLOSET
LAT.	LATERAL	R	RADIUS	WDW	WINDOW
LAV	LAVATORY	R.D.L.	ROOF DRAIN LEADER	WCT	WAINSCOT
LD	LEAD	R.D.O.	ROOF DRAIN OVERFLOW	WP	WEATHER PROOF
LN.	LINEAR	R.O.	ROUGH OPENING	WT.	WEIGHT
LINO.	LINOLEUM	R.O.W. or R/WRIGHT	OF WAY	W/	WITH
LT.	LIGHT	REF	REFRIGERATOR	W/O	WITHOUT
LTG.	LIGHTING	REF.	REFERENCE	WD.	WOOD
LVL	LAMINATED VENEER LUMBER	REINF.	REINFORCED	W.I.	WROUGHT IRON
M.B.	MACHINE BOLT	REQ'D.	REQUIRED	YD.	YARD
M.H.	MANHOLE	RET.	RETURN		
M.I.	MALLEABLE IRON	REV.	REVISION		
M.O.	MASONRY OPENING	RM	ROOM		
MAR.	MARBLE	RMV.	REMOVE		
MAS.	MASONRY	S.C.	SOLID CORE		
MAT'L	MATERIAL	S.D.	SMOKE DETECTOR		
MAX.	MAXIMUM	S.O.V.	SHUT OFF VALVE		
MECH.	MECHANICAL	S/L	SKYLIGHT		
MED.	MEDIUM	S/S	STAINLESS STEEL		
MFG.	MANUFACTURING	SC	SELF CLOSING		
MFR.	MANUFACTURER	SCHED.	SCHEDULE		
MIN.	MINIMUM	SECT.	SECTION		
MISC.	MISCELLANEOUS	SES	SERVICE ENTRANCE SECTION		
MOD	MODULAR	SH	SHEET		
MTL	METAL	SHT'G.	SHEATHING		
MUL	MULLION	SIM.	SIMILAR		
N.I.C.	NOT IN CONTRACT	SPA.	SPACE		
N.T.S.	NOT TO SCALE	SPECS	SPECIFICATIONS		
NCM	NON-CORROSIVE METAL	SPKR.	SPEAKER		
NFC	NOT FOR CONSTRUCTION	SQ. FT.	SQUARE FEET		
NLR.	NAILER	SQ. IN.	SQUARE INCHES		
NO.	NUMBER	STC	SOUND TRANSMISSION CLASS		
NOM.	NOMINAL	STD.	STANDARD		
O.C.	ON CENTER	STL.	STEEL		
O.D.	OUTSIDE DIAMETER	SUSP.	SUSPENDED		
O.H.	OVER HANG	SW	SWITCH		
O.I.	ORNAMENTAL IRON	SYM	SYMMETRICAL		
O.R.	OUTSIDE RADIUS	SYS.	SYSTEM		
OAI	OUTSIDE AIR INTAKE	T & G	TONGUE AND GROOVE		
OH	OVER HEAD	T.B.	THROUGH BOLT		
OPNG.	OPENING	T.M.B.	TELEPHONE MOUNTING BOARD		
		T.O.	TOP OF		
		T.O.B.	TOP OF BEAM		
		T.O.C.	TOP OF CURB		
		T.O.F.	TOP OF FOOTING		

OPPORTUNITIES FOR LEARNING

1210-B E. HUNTINGTON DRIVE
DUARTE, CA 91010
APN: 8530-016-010

EDWIN MOHABIR



25206 BISHOP CT.
STEVENSSON RANCH, CA 91381
tel: 323-4598809 . edwinmohabir@gmail.com

PROJECT DESCRIPTION

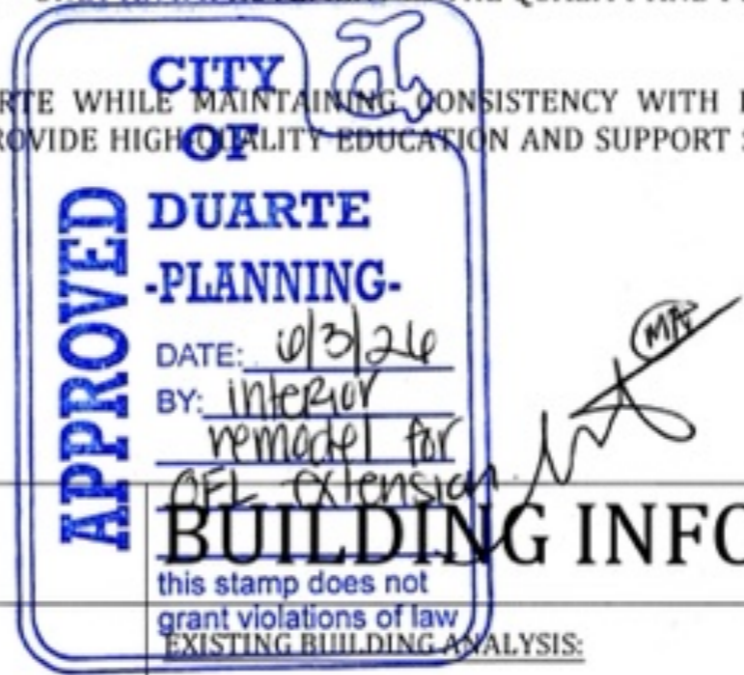
OPPORTUNITIES FOR LEARNING (OFL), A PUBLIC CHARTER SCHOOL PROGRAM, IS HOPING TO LEASE A 1,380 SQUARE FOOT EXISTING COMMERCIAL SPACE AT 1210B E. HUNTINGTON DRIVE, DUARTE, CA 91010 TO BE USED AS AN INDEPENDENT STUDY LEARNING CENTER. THE OFL PROGRAM IS A PUBLICLY FUNDED CHARTER SCHOOL COMPLIANT WITH STATE ADA REGULATIONS TO SERVE STUDENTS IN GRADES 7-12.

WE ARE SEEKING APPROVAL TO ADD AN ANNEX TO OUR EXISTING OFL-DUARTE SCHOOL FACILITY IN ORDER TO BETTER SERVE THE EDUCATIONAL AND OPERATIONAL NEEDS OF OUR CURRENT STUDENT POPULATION. THE PROPOSED ANNEX IS NOT INTENDED TO EXPAND ENROLLMENT, BUT RATHER TO PROVIDE A MORE EFFECTIVE AND SUPPORTIVE ENVIRONMENT FOR THE STUDENTS WE CURRENTLY SERVE.

OUR SCHOOL IS EXPERIENCING A GROWING DEMAND FOR ADDITIONAL INSTRUCTIONAL SPACE—PARTICULARLY FOR THE SUPPORT WE PROVIDE FOR OUR ENGLISH LEARNERS, STUDENTS WITH DISABILITIES AND MIDDLE SCHOOL STUDENTS. AT PRESENT, THIS ACADEMIC SUPPORT IS BEING DELIVERED IN AN OPEN AREA SETTING, WHICH CAN PRESENT CHALLENGES TO STUDENT FOCUS, INSTRUCTIONAL DELIVERY, AND OVERALL ACADEMIC SUCCESS FOR THESE PARTICULAR STUDENTS. DEDICATED CLASSROOM SPACE FOR THIS STRATEGIC ACADEMIC SUPPORT WILL ALLOW US TO OFFER MORE STRUCTURED, DISTRACTION-FREE ENVIRONMENTS THAT PROMOTE INDIVIDUALIZED INSTRUCTION AND IMPROVED LEARNING OUTCOMES. IN ADDITION TO INSTRUCTIONAL NEEDS, OUR EXISTING ADMINISTRATIVE SPACE IS INADEQUATE FOR THE TYPES OF ACTIVITIES THAT SUPPORT STUDENT AND FAMILY ENGAGEMENT, INCLUDING PARENT MEETINGS, STAFF TRAINING SESSIONS, AND LEADERSHIP TEAM GATHERINGS. THE ANNEX WILL ALLEVIATE THESE LIMITATIONS BY PROVIDING DEDICATED SPACE FOR SUCH ESSENTIAL SCHOOL FUNCTIONS.

THE PROPOSED ANNEX WILL OPERATE UNDER A REDUCED AMOUNT OF HOURS FROM THE ORIGINAL CUP AND WILL OPERATE BETWEEN 8 AM TO 4PM. IT WILL OFFER THE SAME COURSES AND INSTRUCTIONAL BLOCKS ALREADY IN PLACE, WITH NO CHANGES TO THE SCOPE OR NATURE OF OUR PROGRAMMING—ONLY AN IMPROVEMENT IN THE QUALITY AND FUNCTIONALITY OF THE LEARNING AND ADMINISTRATIVE ENVIRONMENT.

WE ARE COMMITTED TO ENSURING THAT THIS EXPANSION SUPPORTS THE EDUCATIONAL MISSION OF OFL-DUARTE WHILE MAINTAINING CONSISTENCY WITH LOCAL PLANNING EXPECTATIONS AND COMMUNITY NEEDS. WE BELIEVE THIS ANNEX WILL SIGNIFICANTLY ENHANCE OUR ABILITY TO PROVIDE HIGH QUALITY EDUCATION AND SUPPORT SERVICES TO OUR STUDENTS AND FAMILIES.



PROJECT DATA

TENANT:
OPPORTUNITIES FOR LEARNING
715 ARROW GRAND CIRCLE
COVINA, CA 91722

BROOKE RICHARDS, PROJECT MANAGER
TEL: (626) 590-4897
EMAIL: BROOKERICHARDS@LUPINEPROPERTIES.COM

VICINITY MAP (NTS)



SITE



A PROJECT FOR:
Options For Youth
Public Charter Schools
1210B E. HUNTINGTON DR
DUARTE, CA 91010

ARCHITECTURAL GENERAL NOTES

- GENERAL NOTES PERTAIN TO ALL DRAWINGS.
- ALL INTERIOR DIMENSIONS ARE TO FACE OF FINISHED WALL OR CENTERLINE OF COLUMN, UNLESS OTHERWISE NOTED.
- PROVIDE ALL WOOD BLOCKING AS REQUIRED FOR THE ATTACHMENT OF MISCELLANEOUS EQUIPMENT INCLUDING BUT NOT LIMITED TO, TOILET ACCESSORIES, DOOR HARDWARE, ELECTRICAL DEVICES, EQUIPMENT INDICATED, GRAB BARS, HANDRAILS, AND CASEWORK. 16 GA. GALVANIZED SHEET METAL CAN BE USED AS BLOCKING.
- TRANSITION OF DIFFERENT FLOORING MATERIALS AT DOORWAYS SHALL OCCUR AT CENTERLINE OF DOORS.
- ALL NEW DOOR FRAMES ARE TO BE 4" FROM ADJUDICATE FINISHED WALL SURFACE AT DOOR HINGE U.N.O. DIMENSION FOR OPENINGS WITH DOORS ARE TO FACE OF DOOR JAMB, DIMENSION FOR OPENINGS WITHOUT DOORS ARE TO FACE OF WALL.
- PROVIDE CONTROL JOINTS IN GYPSUM WALLBOARD AS RECOMMENDED BY WALLBOARD MANUFACTURER AND COORDINATE LOCATION WITH ARCHITECT. (APPROX. 30" O.C.)
- ALL CUTTING AND PATCHING AS A RESULT OF NEW CONSTRUCTION SHALL BE PERFORMED IN A WORKMANLIKE MANNER, AND SHALL MATCH IN COLOR, SHAPE, SIZE & TEXTURE ADJACENT AND/OR CONTIGUOUS FINISHED SURFACES. PAINT ALL CUT AND PATCHED SURFACES AS SPECIFIED.
- PAINT ALL WALL SURFACES, DOOR FRAMES, BULKHEADS & CEILINGS IN AREAS INDICATED ON ROOM FINISH SCHEDULE, PAINT BEHIND ALL MOVEABLE ITEMS AND ADJACENT TO SURFACES RECEIVING PAINT AND RELOCATED ITEMS.
- ALL PRODUCTS UTILIZED IN THIS CONSTRUCTION SHALL BE ASBESTOS FREE.
- THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR CLEANING AND DISPOSAL REQUIREMENTS.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING APPLICABLE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS AND AS PERTINENT TO THE INTENT OF THESE DRAWINGS, ANY DISCREPANCY DISCOVERED SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY, OR RELATED TO, SUCH DISCREPANCY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH OR CAUSED BY FAILURE TO COMPLY WITH THE REQUIREMENTS.
- THE CONTRACTOR SHALL BECOME COMPLETELY FAMILIAR WITH ALL ASPECTS OF THE WORK, EVEN THOSE AREAS DESIGNATED TO BE PROVIDED BY OTHERS. THE FAMILIARIZATION INCLUDES FULL AND COMPLETE UNDERSTANDING OF THE WORK DESCRIBED ON ALL SHEETS OF THE DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS; FAILURE BY THE CONTRACTOR TO BECOME COMPLETELY FAMILIAR AND COGNIZANT OF ALL ASPECTS OF THE WORK SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO PROVIDE MATERIALS, ASSEMBLIES, OR SERVICE INDICATED IN THE CONTRACT DOCUMENT.
- NOTHING IN THESE DRAWINGS SHALL RELEASE THE CONTRACTOR FROM RESPONSIBILITY TO PROVIDE APPROPRIATE QUANTITIES, FIELD MEASUREMENTS, DIMENSIONAL STABILITY, INSTALLATION, ANCHORAGE, AND COORDINATION WITH OTHER TRADES, OR WAIVE THE CONTRACTORS RESPONSIBILITY TO IDENTIFY AND RESOLVE DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, OR WAIVE THE CONTRACTORS RESPONSIBILITY TO ALERT THE PROJECT MANAGER/DESIGNER TO DISCREPANCIES CONTAINED THEREIN.
- THE CONTRACTOR SHALL REVIEW IN ADVANCE ALL PORTIONS OF THE WORK TO VERIFY THAT THE WORK WILL NOT PROHIBIT COMPETITION OF THE PROJECT AS INTENDED IN THESE CONTACT DOCUMENT, ANY QUESTIONS shall be PROMPTLY REFERRED TO THE DESIGNER FOR RESOLUTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL SURFACES AND FINISHES AT INTERIOR AND EXTERIOR BUILDING, DAMAGED SURFACES AND FINISHES RESULTING FROM THE PERFORMANCE OF THE WORK SHALL BE REPAIRED AT NO COST TO THE OWNER BY THE CONTRACTOR TO MATCH EXISTING ADJACENT.
- THE CONTRACTORS SHALL BE RESPONSIBLY FOR COORDINATION WITH ALL TRADES. THE CONTRACTOR SHALL REFER TO ALL ASPECTS OF THE DRAWINGS AND SPECIFICATIONS INCLUDING BUT NOT LIMITED TO ARCHITECTURAL DRAWINGS, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS AS WELL AS RELATED SPECIFICATIONS FOR COORDINATION ISSUES. COORDINATE ALL DIAGRAMMATIC DRAWINGS WITH ALL TRADES TO ENSURE FIT AND COMPATIBLY.
- PROVIDE DEMOLITION AS INDICATED, AND IF NOT INDICATED, AS REQUIRED TO COMPLETE NEW WORK INDICATED. SEE DEMOLITION NOTES.

BUILDING INFORMATION

CONSTRUCTION TYPE: VB
SPRINKLER: NON-SPRINKLERED
NUMBER OF STORIES: 1
BUILDING HEIGHT: 18 FT.
ZONE: DUARTE TOWN CENTER SPECIFIC PLAN, AREA 2
LEGAL DESCRIPTION: SUB OF THE RANCHO AZUSA DE DUARTE- 1.66 ACRES
LOT NO: #25
BUILDING FLOOR AREA: 9182 S.F.
PROPOSED AREA FOR CHARTER SCHOOL: 1380 S.F.
CHANGE OF USE FROM B TO E OCCUPANCY GROUP
FIRE ALARM SYSTEM WILL BE INSTALLED WITHIN THE OCCUPANCY. UNDER SEPARATE PERMIT.
NON-SPRINKLER JUSTIFICATION
CBC 903.2.3 GROUP E. AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED FOR GROUP E OCCUPANCIES AS FOLLOWS:
1. THROUGHOUT ALL GROUP E FIRE AREAS GREATER THAN 12,000 SQUARE FEET IN AREA.
FLOOR AREA IS LESS THAN 12,000 S.F.

SCOPE OF WORK

- New Partition Walls
- New Flooring
- New Doors
- New Windows
- New Electrical Outlets (where applicable)
- New T-bar Ceiling Grid (where applicable)
- New 2x4 Lighting Fixtures
- New Plumbing Fixtures
- Change use from B to E occupancy.

SHEET INDEX

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D.M.C. SECTION 16.04.180
Copper tube for water piping shall be Type K when copper materials shall be subject to the requirements of the Plumbing Code.

ALL WORK SHALL CONFORM TO THE 2025 CBC, 2025 CMC, 2025 CEC, 2025 CA ENERGY CODE, 2025 CA GREEN CODE AND CITY ORDINANCES.

DATE: 07/26
SIGNATURE: [Handwritten Signature]



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS
MAY 21 2026
CITY OF DUARTE
COMMUNITY DEVELOPMENT

PROJECT DATA
DATE: 01-19-26
ARCHITECT: EM
CHECKED BY: EM
DRAWN BY: AA
PROJECT NO.: -
SCALE: AS NOTED

SHEET TITLE
TITLE SHEET
SHEET NO.
T-1.0

GENERAL NOTES

- CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK WHERE NECESSARY TO COMPLETE FULL SCOPE OF WORK.
- CONTRACTOR SHALL BUILD WALLS IN ACCORDANCE TO CONSTRUCTION DOCUMENTS, (IE, FRAMING, DRYWALL, INSULATION, AS NOTED).
- CONTRACTOR SHALL INSTALL DOORS, FRAMING, AN HARDWARE AS PER SPECIFICATIONS. DOORS SHALL BE REUSED FROM EXISTING DEMOLISHED WALLS.
- CONTRACTOR SHALL INSTALL WINDOWS AND FRAMES PER SPECIFICATIONS. WINDOWS SHALL BE REUSED FROM EXISTING DEMOLISHED WALLS.
- CONTRACTOR SHALL INSTALL ALL ELECTRICAL CONDUIT IN WALLS AND ABOVE CEILING LINE FOR LOW VOLTAGE EQUIPMENT IN THE SPECIFIED LOCATIONS.
- CONTRACTOR SHALL INSTALL AND OR VERIFY HIGH VOLTAGE ELECTRICAL OUTLETS.
- CONTRACTOR SHALL INSTALL LIGHT SWITCHES IN NEWLY CONSTRUCTED WALLS AS REQUIRED TO MEET ADA SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL FLOORING AND BASE PER SPECIFICATIONS.
- CONTRACTOR SHALL RELOCATE HVAC SUPPLY AND RETURN REGISTERS AS REQUIRED AND ACHIEVE AN AIR BALANCE THROUGHOUT TENANT SPACE.
- CONTRACTOR SHALL PAINT SPACE WITHIN TENANT IMPROVEMENT AS PER SPECIFICATIONS.
- CONTRACTOR SHALL REPLACE ALL DAMAGED CEILING TILES AND REPLACE OR MEND ANY DAMAGED T-BAR CEILING SYSTEM WITHIN TENANT IMPROVEMENT AREA OF WORK.
- CONTRACTOR SHALL COMPLY WITH ALL ADA AND TITLE 24 SPECIFICATIONS, WITH REGARDS TO ANY ADDITIONS OR SUBSTITUTIONS, REQUESTED WITHIN THE SCOPE OF WORK.
- CONTRACTOR SHALL NOT PROCEED WITH ANY UNAUTHORIZED WORK ON THIS TENANT IMPROVEMENT PROJECT WITHOUT NOTIFICATION AND AUTHORIZATION FROM LUPINE PROPERTIES.

APPLICABLE CODES

- 2025 CALIFORNIA FIRE CODE (CFC)
- 2025 CALIFORNIA BUILDING CODE (CBC)
- 2025 CALIFORNIA PLUMBING CODE (CPC)
- 2025 CALIFORNIA MECHANICAL CODE (CMC)
- 2025 CALIFORNIA ELECTRICAL CODE (CEC)
- 2025 ENERGY CODE
- CITY OF DUARTE MUNICIPAL CODE

DEFERRED SUBMITTALS

FIRE ALARM SYSTEM AND SMOKE DETECTION ALARMS ARE REQUIRED TO BE INSTALLED PER CBC 907 AS REQUIRED BY CBC 907.2.3
PORTABLE FIRE EXTINGUISHERS REQUIRED PER CBC 906 AND PER FIRE CODE

2026-073

FIRE AUTHORITY NOTES:

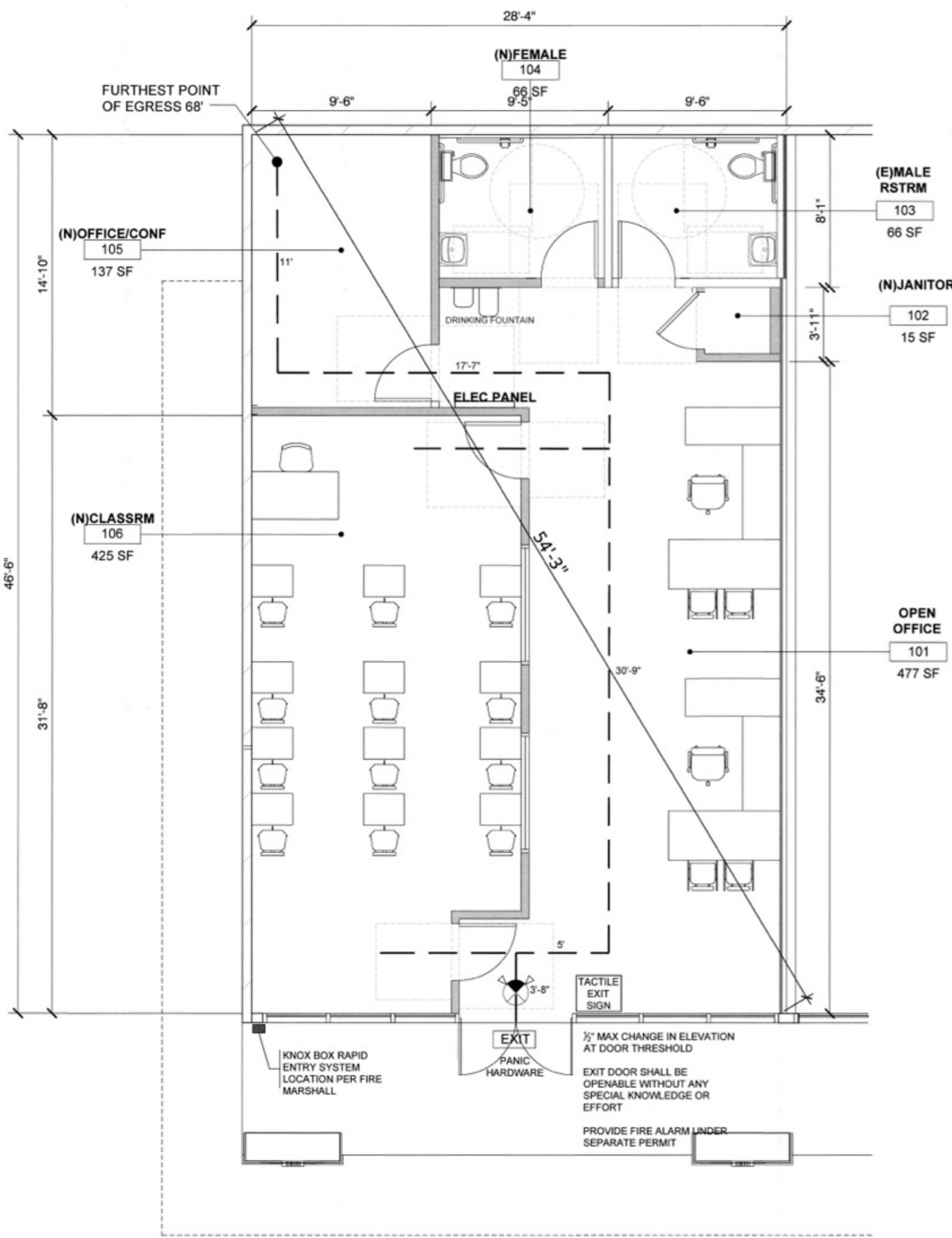
- INSPECTIONS**
- Los Angeles County Fire Department (LACFD) final inspection required. Please schedule all field inspections at least 48 hours in advance. Inspections canceled after 1 p.m. on the day before the scheduled date will be subject to a reinspection fee. Phasing of inspections may require additional fees, also. Call LACFD Inspection Scheduling at (323)890-4125.
 - Buildings under construction or demolition shall conform to CFC Chapter 33. No smoking or cooking is allowed in structures where combustible materials are exposed or within 25' of combustible materials storage areas. Cutting, welding, or other hot work shall be in conformance with CFC Chapter 35.
 - In buildings four or more stories in height, standpipes shall be provided during construction when the height reaches 40 feet above the lowest point of fire department access. A fire department connection shall be no more than 100 feet from available fire department vehicle access roadways. A hydrant shall be located along the access roadway within 150 feet of the location(s) that the FDC can be accessed from. CFC 3310, 3313.
 - Address numbers shall be provided for all new and existing buildings, be a minimum of four inches high for individual dwelling units and six inches high for all other installations and structures, contrast with their background, and be plainly visible from the roadway the building is addressed on. Temporary address numbers shall be provided on construction fencing or the building until permanent numbers can be provided. CBC 501.2, CFC 505.1.
 - Locations and classifications of extinguishers shall be in accordance with CFC 906 and CCR Title 19. At least one extinguisher shall be provided during construction on each floor at each stairway, in each storage and construction shed, in locations where flammable or combustible liquids are stored or used, or where similar hazards are present per CFC 3315.1. Before final occupancy, at least one 2A:10B:C extinguisher shall be provided so that no point is more than 75' travel distance from the extinguisher. Extinguishers shall be located along the path of egress travel and in a readily visible and accessible location, with the bottom of the extinguisher at least 4" above the floor. Additional extinguishers may be required by LACFD inspectors depending on project or site conditions and final placement is subject to their approval.
 - Wall, floor and ceiling finishes and materials shall not exceed the flame spread classifications in CBC Table 803.11. Decorative materials shall be properly treated by a product or process approved by the State Fire Marshal with appropriate documentation provided to the LACFD. Such items shall be approved and inspected by the LACFD prior to installation.
 - Knox boxes/key cabinets shall be provided for all high-rise buildings, pool enclosures, gates in the path of firefighter travel to structures, secured parking levels, doors giving access to alarm panels and/or annunciators, and any other structures or areas where immediate access is required or is unduly difficult. An LACFD inspector can assist with locking gate keys in Knox boxes, contact your local fire station to arrange an appointment to secure master building keys in the Knox box.
 - Approval of these plans shall not permit the violation of any code or law. Requirements or features not identified on the plan may apply and LACFD inspectors may require additional information or items from those shown on the plan depending on actual or anticipated field conditions. Such changes may necessitate submittal of revised or as-built plans to the LACFD and the City/County where the project is located.

- GENERAL REQUIREMENTS**
- The project shall comply with 2025 California Building Code, 2025 California Fire Code, and other currently adopted codes, standards, regulations and requirements as enforced by the Long Beach Fire Department.
 - Dumpsters and trash containers exceeding 1.5 cubic yards shall not be stored in buildings or placed within 5 feet of combustible walls, openings or combustible roof eave lines unless protected by an approved sprinkler system or located in a Type I or IIA structure separated by 10 feet from other structures. Containers larger than 1 cubic yard shall be of non- or limited-combustible materials or similarly protected or separated. CFC 304.3.
 - Exits, exit signs, fire alarm panels, hose cabinets, fire extinguisher locations, and standpipe connections shall not be concealed by curtains, mirrors, or other decorative material.
 - The egress path shall remain free and clear of all obstructions at all times. No storage is permitted in aisles.
 - Exit doors shall be openable from the inside without the use of a key or any special knowledge or effort. Doors shall not be provided with thumb-turn locks or deadbolts that do not unlatch in tandem with the normal operating lever. The opening force for interior doors without closers shall not exceed 5 pounds. The unlatching and opening force for other doors, including fire doors, shall not exceed 15 pounds. CBC 1010.
 - The exit path shall be clearly identified with exit signs conforming to CBC 1013. Illuminated exit signs must have 90-minute emergency power back-up.
 - Tactile signs shall be provided in commercial buildings, public buildings/accommodations, and publicly funded housing subject to CBC Chapters 11A and B and conform to 1143A or 11B-703.1, -703.2, -703.3, and 703.5, be mounted with the bottom of the lowest line of Braille characters at least 4 feet above the floor but the bottom of the highest line of raised text characters no more than 5 feet above the floor and, whenever possible, on the strike side of the door. Lettering shall be between 5/8" and 2" high. CBC 1013.4.
 - Stairs serving 4+ stories shall have stairwell signs conforming to CBC 1023.9 and LACFD Guideline

- Exit path shall be illuminated at all times in accordance with CBC 1006. Emergency lighting shall be provided with 90-minute back-up.
 - Rated assemblies shall conform to approved methods and materials of construction. Penetrations through rated walls, ceilings, or floors shall be protected in an approved manner complying with CBC/CFC Chapter 7.
 - Rated doors shall be self-closing and latching; such doors shall not be equipped with door stops or otherwise propped open. Rated doors shall be equipped with rated hardware. CFC 703.
- PROJECT-SPECIFIC REQUIREMENTS**
- ASSEMBLY OCCUPANCIES**
- Occupant load sign, with minimum one-inch letters and numbers contrasting with their background, shall be posted in a conspicuous location near the main exit per CBC 1004.3 and Title 19 3.30. Where multiple seating configurations or uses are anticipated, seating diagrams and their respective occupant loads may also be required to be posted.
 - Panic hardware shall be provided for all exit and exit access doors in assembly occupancies. Such doors shall swing in the direction of exit travel. Doors equipped with panic hardware shall have no other lock or latch except panic hardware. If panic hardware is omitted on the main door when permitted by CBC 1010.1.9.3, a sign stating "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED" in minimum 1-inch letters contrasting with their background shall be posted in a conspicuous location on or adjacent to the door and the door shall be equipped only with a key-operated lock that visually indicates whether it is open or locked.
 - Tables shall be spaced at least 50 inches apart where seating is back to back and aisle accessways serve more than 4 occupants or are longer than six feet. Aisle widths shall be a minimum

- 36 inches where seating is only on one side of the aisle or 42 inches for seating on both sides. Where seats back up into aisles, seat backs shall be located at 19 inches from the table edge and the clear aisle width shall be measured from the back of the seat. CBC 1029.12.
- Open flame in assembly areas is prohibited except as specifically permitted by LACFD in compliance with CFC Chapter 3.
- EXTINGUISHING SYSTEMS**
- An automatic fire sprinkler system shall be provided throughout the building in compliance with CFC 903 and the applicable 2025 NFPA sprinkler standard. Review and approval of a sprinkler plan is required prior to installation or modification.
- An automatic extinguishing system shall be provided to protect commercial-type food heating equipment that produces grease-laden vapors and shall comply with 2025 CFC and CMC and 2009 NFPA 17A. Review and approval of a hood and duct extinguishing system plan is required prior to installation or use of cooking equipment.
- ALARM AND MONITORING SYSTEMS**
- A fire alarm system shall be provided in compliance with CBC/CFC 907 and 2025 NFPA 72. Separate plan submittal is required for approval prior to installation or modification.
- Automatic fire sprinkler system(s) and all control valves, with the exception of those listed in CFC 903.4, shall be monitored by a UL listed central alarm station.

- GENERAL BUILDING ACCESSIBILITY NOTES:**
- THE FLOOR OR LANDING AT EACH SIDE OF AN EXIT DOOR SHALL BE LEVEL AND HAVING A LENGTH IN THE DIRECTION OF THE DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION.
 - HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-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.
 - MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLACE OF SLIDING OR FOLDING DOORS.
 - HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER-TYPE HARDWARE.
 - MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLACE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS.
 - ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH A LEAST ONE STANDARD SIGN AND WITH AN ADDITIONAL DIRECTIONAL SIGN, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. SHOW LOCATIONS ON THE DRAWINGS.
 - EACH GRADE-LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD "EXIT".



Occupancy Area Breakdown for Exit Calculation per Table 1004.5 CBC

Name	Number	Area	Occupant Classification	OL Factor	Occupants	OL Factor	Occupants
Open Office	101	477 s.f.	Office	150 s.f.	4	150 s.f.	4
Janitor	102	15 s.f.	Accessory	0 s.f.	0	0 s.f.	0
Unisex Restroom	103	66 s.f.	Accessory	0 s.f.	0	0 s.f.	0
Unisex Restroom	104	66 s.f.	Accessory	0 s.f.	0	0 s.f.	0
Office	105	137 s.f.	Office	150 s.f.	1	150 s.f.	1
Classroom	106	425 s.f.	Classroom	20 s.f.	22	20 s.f.	22
Grand Total		1186 s.f			27		27

Means of Egress: 1005.3.2 CBC

Egress Width per occupant served for Non-Sprinklered Building:
 Other Egress = 0.2' per Occupant
 27 occupant x 0.2 = 5.4' required
 Provided: 2'-3" wide doors = 2x34" = 68"

Travel Distance: Table 1017.2 CBC
 200 Feet for Non-Sprinklered Building maximum
 Travel Distance to an Exit

Plumbing Occupant Load

27 Occupants
 Min. Fixtures Table 403.1 CPC
 Unisex (Single Use):
 WC 1:50 = 1 req, 2 provided
 Lav: 1:50 = 1 req, 2 provided
 1 service sink provided
 1 Drinking Fountain provided

Per the City of Duarte MC Section 19.38.050, the number of parking spaces required for the proposed uses are:

Education: High School:
 6 per classroom plus 1 per 350 sf of office/administrative area

Room Use	Parking Ratio	# of Parking Required
Classroom Total = 1	6 per classroom	6
Office/Admin Area Total = 614 s.f.	1 per 350 s.f.	2
TOTAL		8

TOTAL PARKING REQUIRED = 19 STALLS
 TOTAL PROVIDED = 59 STALLS

- NOTES:**
- FLOOR AT EACH SIDE OF DOOR IS MAX 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.
 - PROVIDE MEANS OF EGRESS LIGHTING W/ 90 MIN EMERGENCY POWER BACKUP.
 - OCCUPANT LOAD SIGNAGE WITH ONE INCH HIGH LETTERS ON CONTRASTING BACKGROUND
- LEGEND:
- NEW MET STUD WALL
 - EXIST. MET STUD WALL
 - EXIST. 2 HOUR FIREWALL (FIELD VERIFY)
 - PATH OF TRAVEL
 - (N) SELF-ILLUMINATING EXIT SIGN WITH SELF-CONTAINED 90 MIN BATTERY PACK BACKUP UNIT

EDWIN MOHABIR
EM
ARCHITECT, INC.

25206 BISHOP CT.
 STEVENSON RANCH, CA 91381
 tel: 323-4598809 edwinmohabir@gmail.com



A PROJECT FOR:
Options For Youth
 Public Charter Schools
 1210B E. HUNTINGTON DR.
 DUARTE, CA 91010

CLIENT:
LUPINE
 CONSTRUCTION & DEVELOPMENT
 715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS

CITY OF DUARTE
 BUILDING AND SAFETY DIVISION
 APPROVED

This set of plans & specifications must be kept on the job at all times and shall be available for review by the Building & Safety Division of the City of Duarte. The stamping of these plans and approval of the City of Duarte shall not be held to be an approval of the violation of any provision of any Ordinance or State Law.

Date: _____
 Signature: _____

PROJECT DATA

DATE 01-19-26
 ARCHITECT EM
 CHECKED BY EM
 DRAWN BY AA
 PROJECT NO. -
 SCALE AS NOTED

SHEET TITLE
**EXITING/
 OCCUPANCY LOAD/
 ANALYSIS**

SHEET NO.
T-1.1

GENERAL NOTES

- ALL CONTRACTORS AND SUBCONTRACTORS WILL THOROUGHLY FAMILIARIZE THEMSELVES WITH THESE CONSTRUCTION DOCUMENTS AND WILL VERIFY EXISTING SITE AND CONDITIONS PRIOR TO SUBMITTING A BID. ALL SUBCONTRACTORS WILL PROVIDE ALL LABOR, SUPERVISION, AND MATERIALS OF EVERY TYPE WHICH MAY BE NECESSARY FOR A SUCCESSFUL COMPLETION. ALL WORK TO BE PERFORMED IN A GOOD AND WORKMANLIKE MANNER ACCORDING TO THE TRUE INTENT AND MEANING OF THE DRAWINGS AND SPECIFICATIONS.
- STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS ARE INCLUDED IN, AND NOT SUPPLEMENTARY TO, THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO CHECK THE ARCHITECTURAL DRAWINGS BEFORE INSTALLATION OF THEIR WORK. ANY DISCREPANCY BETWEEN THE ARCHITECTURAL AND OTHER DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION, BY THE CONTRACTOR FOR WRITTEN AND GRAPHIC CLARIFICATION.
- THE CONTRACTOR SHALL FOCUS SPECIAL ATTENTION ON A FIELD REVIEW OF THE EXISTING SITE PRIOR TO CONSTRUCTION. ANY CONDITIONS THAT ARE FOUND TO BE INCONSISTENT WITH THESE DOCUMENTS OR WHERE THE INTENT IS IN DOUBT SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION PRIOR TO BID SUBMITTAL. CONTRACTOR SHALL NOT RELY UPON ORAL COMMUNICATIONS; ALL COMMUNICATIONS MUST BE IN WRITTEN GRAPHIC FORMAT.
- ANY ADDITIONS OR CHANGES TO WORK MUST BE AUTHORIZED IN WRITING BY THE ARCHITECT. NO ALTERATIONS WILL BE MADE ON THIS PROJECT EXCEPT UPON WRITTEN ORDER BY USING PREDETERMINED ARCHITECT SUPPLEMENTAL INSTRUCTIONS, CHANGE ORDER OR CONSTRUCTION CHANGE DIRECTIVES.
- CONTRACTOR IS RESPONSIBLE FOR THE MORE COSTLY RESOLUTION ON ALL CONFLICTING INFORMATION PRESENTED ON THE PLANS, OR BETWEEN THE EXISTING CONDITIONS AND THE PLANS.
- IF A CONFLICT OCCURS BETWEEN THE DESIGN DRAWINGS AND SPECIFICATIONS, PROMPTLY NOTIFY THE ARCHITECT IN WRITING. AT THAT POINT, A WRITTEN INTERPRETATION WILL BE MADE BY THE ARCHITECT AND SAID DECISION SHALL BE CONSIDERED PART OF THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL SUBMIT ONE SET OF SHOP DRAWINGS OF ALL STONEMASONRY, MILLWORK, MISCELLANEOUS METAL, DOORS, DOOR HARDWARE AND EQUIPMENT. SHOP DRAWINGS SHOULD INCLUDE DETAILED FABRICATION AND ERECTION DRAWINGS, DIAGRAMMATIC DRAWINGS AND MATERIAL SCHEDULES. LOCATION AND ORIENTATION OF ALL ITEMS SHALL BE CLEARLY INDICATED. BEGIN FABRICATION ONLY AFTER RECEIVING ARCHITECT'S AND/OR PROJECT MANAGER APPROVAL OF SHOP DRAWINGS.
- ALL WORK NOTED "N.I.C." OR "NOT IN CONTRACT" IS NOT TO BE PART OF THE CONSTRUCTION AGREEMENT.
- THE ARCHITECT WILL NOT HAVE CONTROL OF AND WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK ON THIS PROJECT OR FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK ON THIS SITE, NOR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE INTENT OF THE CONTRACT AND OR CONSTRUCTION DOCUMENTS.
- ALL CONTRACTORS WILL PROVIDE ADEQUATE BRACING AND/OR SHORING TO INSURE STRUCTURAL STABILITY OF THE BUILDING AND ALL RELATED BUILDING COMPONENTS, I.E. STRUCTURAL WALLS, INTERIOR WALL ASSEMBLIES, ETC. DURING THE CONSTRUCTION PHASE OF THIS PROJECT.
- WORK WILL BE COORDINATED WITH ALL TRADES IN ORDER TO AVOID INTERFERENCE AND AVOID OMISSIONS.
- UNLESS NOTED OTHERWISE, ALL MATERIALS USED WILL BE NEW AND BEAR U.L. LABELS WHERE REQUIRED AND MEET APPROPRIATE INDUSTRY STANDARDS.
- LAYOUT ALL PARTITIONS AND CABINETS BEFORE BEGINNING CONSTRUCTION TO PREVENT ERRORS BY DISCREPANCY. ALL DRYWALL PARTITIONS AND CABINETS WILL BE INSTALLED AS NOTED ON THE DRAWINGS. IF APPLICABLE, GENERAL CONTRACTOR MUST OBTAIN RESOLUTION FROM ARCHITECT FOR ANY DISCREPANCIES PRIOR TO CONSTRUCTION OF WALL PARTITIONS AND CABINETS.
- EACH SUBCONTRACTOR WILL AMEND AND MAKE GOOD AT HIS OWN COST, ANY DEFECTS OR OTHER FAILURES IN WORKMANSHIP AND/OR HIS SUPPLIED MATERIALS.
- VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING, CUTTING AND/OR INSTALLING MATERIAL, PRODUCT OR EQUIPMENT. IN THE EVENT OF ANY DISCREPANCIES, CONTACT THE ARCHITECT FOR WRITTEN AND/OR GRAPHIC DIRECTION PRIOR TO PROCEEDING WITH THAT WORK.

- CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY INFORMATION, CONTRACTOR SHALL NOTIFY THE ARCHITECT. FIGURED AND CALCULATED DIMENSION TAKE PRECEDENCE OVER SCALED MEASUREMENTS. DETAILED DRAWINGS AND LARGER SCALE DRAWINGS TYPICALLY TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS. VERIFY WITH ARCHITECT. ALL PLAN DETAILS AND WALL SECTIONS ARE ASSUMED TO BE TYPICAL CONDITIONS UNLESS DETAILED OR NOTED OTHERWISE.
- PROVIDE SUFFICIENT BLOCKING IN STUD WALLS TO SUPPORT ALL ITEMS OR EQUIPMENT SHOWN OR SPECIFIED TO BE ATTACHED TO THE WALLS. PROVIDE ADDITIONAL STRUCTURAL SUPPORT (ANGLES, CHANNELS, ETC.) WITHIN WALLS WHERE THE WEIGHT OF ATTACHED ITEMS OR EQUIPMENT IS TOO GREAT TO BE SUPPORTED BY METAL STUDS. PROVIDE BLOCKING FOR OWNER FURNISHED OR INSTALLED ITEMS.
- WEATHER CONDITIONS: CONTRACTOR(S) WILL PROTECT ALL PARTS OF THEIR WORK FROM WEATHER DAMAGE DUE TO FROST, RAIN, HEAT, ETC. AND WILL MAKE GOOD TO THE SATISFACTION OF THE ARCHITECT ANY PORTION OF THE WORK WHICH MAY HAVE BECOME DAMAGED.
- SITE SAFETY: EACH CONTRACTOR WILL ABIDE BY LOCAL AREA STANDARDS AND RELATED O.S.H.A. STANDARDS FOR THE PROTECTION AND SAFETY FOR THEIR EMPLOYEES ON SITE. THIS ARCHITECT WILL BE HELD HARMLESS BY OWNER AND GENERAL CONTRACTOR AND RELATED AWARDED TRADES ON THIS PROJECT FOR ACCIDENTS OR INJURIES CAUSED OR OCCURRED ON THIS PROPERTY DURING THE PRE / ACTUAL / POST CONSTRUCTION PHASES OF THIS PROJECT.
- CONTRACTORS WILL BE RESPONSIBLE FOR REMOVAL OF DEBRIS ACCUMULATED BY EACH TRADE. HOWEVER, EACH TRADE WILL KEEP THE JOB SITE CLEAN AND SAFE AT ALL TIMES, ALONG WITH A BROOM / VACUUM FINISH AT THE END OF EACH WORKING DAY.
- TRANSITION OF DIFFERENT FLOORING MATERIALS AT DOORWAYS SHALL OCCUR AT CENTERLINE OF DOORS TYPICALLY.
- PAINT ALL WALL SURFACES, DOOR FRAMES, BULKHEADS AND CEILINGS IN ROOMS WHERE INDICATED ON ROOM FINISH SCHEDULE. PAINT BEHIND ALL MOVEABLE ITEMS ADJACENT TO WALLS RECEIVING PAINT AND RELOCATE ITEMS. NEW PAINTING SHALL INCLUDE (1) ONE COAT PRIMER AND (2) TWO COATS OF PAINT.
- CONTRACTOR SHALL PATCH ALL EXISTING WALL AND/OR CEILING AS NEEDED TO REFURBISH THE LEASE SPACE TO "LIKE NEW" CONDITION AND REPAIR ALL DAMAGES.
- ALL WEATHER - EXPOSED SURFACES SHALL HAVE A WEATHER RESISTANT BARRIER TO PROTECT THE INTERIOR WALL COVERING AND EXTERIOR OPENINGS SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.
- PROJECT SHALL MEET REQUIREMENTS OF CAL GREEN CODE 2013 FOR ALL DEBRIS. CHECK THE VOC FORMS PER CODE.
- DURING CONSTRUCTION/DEMOLITION DEVELOPER AND CONTRACTOR TO USE WASTE MANAGEMENT SERVICES IN ACCORDANCE WITH THE CITY MUNICIPAL CODE AND RATE SCHEDULE.

CONSTRUCTION NOTES

- ALL PARTITION LOCATIONS, DIMENSIONS AND TYPES, ALL DOOR AND WINDOW LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT, NOTIFY ARCHITECT. PARTITION PLAN BY ARCHITECT SUPERSEDES OTHER PLANS.
- ALL PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, UNLESS OTHERWISE NOTED. ALL DIMENSIONS MARKED "CLEAR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF ALL FINISHES INCLUDING CARPET, CERAMIC TILE, VCT, ETC.
- DIMENSIONS LOCATING DOORS BY EDGE ARE TO THE INSIDE EDGE OF JAMB, UNLESS OTHERWISE NOTED.
- PARTITIONS AT BUILDING PERIMETER SHALL BE CENTERED ON CENTER LINE OF COLUMN OR WINDOW MULLION, UNLESS OTHERWISE NOTED.
- COLUMN CENTER LINES (OR GRID LINES) ARE SHOWN FOR DIMENSIONING, VERIFY EXACT LOCATIONS IN FIELD.
- MAXIMUM PULL OR PUSH EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR INTERIOR AND EXTERIOR DOORS, MEASURED AT RIGHT ANGLES TO HINGED DOORS AND AT CENTER PLANE OF SLIDING OR FOLDING DOORS. CORRESPONDING DEVICES OF AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. MAXIMUM EFFORT TO OPERATE REQUIRED FIRE DOORS MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
- LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED SHALL BE OPERABLE WITH SINGLE EFFORT BY LEVER TYPE HARDWARE WHICH RETRACT BOTH LOCKS WITH A SINGLE OPERATION.
- DEAD BOLT ARE NOT PERMITTED ON EXIT DOORS & G. TO PROVIDE A DURABLE SIGN PLACED OVER THE MAIN EXIT DOORS STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS".

FIRE DEPARTMENT NOTES

- GENERAL**
- ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER AND FIRE LIFE SAFETY PLANS SHALL BE SUBMITTED TO BUILDING DEPARTMENT AND FIRE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WITH WORK.
 - ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER AND FIRE LIFE SAFETY SYSTEMS SHALL BE INSTALLED UNDER SEPARATE PERMIT.
 - THE INSTALLATION OR OPERATION OF AUTOMATIC FIRE EXTINGUISHER SYSTEM MUST BE CHECKED AND APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
 - FIRE SPRINKLER SYSTEM AND MODIFICATION SHALL BE APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.
 - FIRE LIFE SAFETY SYSTEM AND MODIFICATIONS SHALL BE APPROVED BY ELECTRICAL DIVISION PRIOR TO INSTALLATION.
 - REFER TO ELECTRICAL PLANS FOR LOCATION OF ANY SMOKE DETECTORS, LIFE SAFETY SPEAKERS, STROBES AND EXIT SIGNS. PARTITIONS/CEILING.
 - FIRE DAMPERS OR DOORS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE FIRE RATED WALLS OR CEILING, PER APPLICABLE CODES.
 - INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN CBC SECTION 803 AND MEET CLASSIFICATIONS PER TABLE 803.9 AND SECTION 803.1, 803.1.1
 - ANY DECORATIONS USED SHALL BE NON-COMBUSTIBLE OR FLAME-PROFFED IN AN APPROVED MANNER.
 - INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDORS SHALL BE PER TABLE 803.9
 - INTERIOR WALL AND CEILING FINISHES FOR 2 HOUR EXIT CORRIDORS SHALL BE PER TABLE 803.9
 - INTERIOR WALL AND CEILING FINISHED SHALL BE PER TABLE 803.9
 - ACOUSTICAL MATERIALS COMPLYING WITH THE INTERIOR FINISH REQUIREMENTS OF SECTION 803 SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATION AND APPLICABLE PROVISIONS FOR APPLYING INTERIOR FINISH.
 - PROVIDE SELF-CLOSING ACCESS DOOR AT RATED PARTITION AND GYPSUM BOARD CEILINGS.
 - AISLES LEADING TO REQUIRED EXITS SHALL HAVE A MIN WIDTH OF 3'-8" CLEAR.
 - EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. CBC 1008.1.9
 - EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING 50 OR MORE OCCUPANTS.
 - DOOR HANDLES, LOCK AND OTHER OPERATING DEVICES SHALL BE INSTALLED AT A MIN. 34" AND A MAX. 48" ABOVE THE FINISHED FLOOR.
- DOORS, DOORWAYS, AND GATES**
- 1010.1.9 DOOR OPERATIONS.** EXCEPT AS SPECIFICALLY PERMITTED BY THIS SECTION EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- 1010.1.9.1 HARDWARE.** DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE BY CHAPTER 11A OR 11B SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.
- 1010.1.9.2 HARDWARE HEIGHT.** DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34 INCHES (864 MM) MINIMUM AND 48 INCHES (1219 MM) MAXIMUM ABOVE THE FINISHED FLOOR. LOCKS USED ONLY FOR SECURITY PURPOSES AND NOT USED FOR NORMAL OPERATION ARE PERMITTED AT ANY HEIGHT.
- 1010.1.9.3 LOCKS AND LATCHES.** LOCKS AND LATCHES SHALL BE PERMITTED TO PREVENT OPERATION OF DOORS WHERE ANY OF THE FOLLOWING EXIST:
- PLACES OF DETENTION OR RESTRAINT.
 - IN BUILDINGS IN OCCUPANCY GROUP A HAVING AN OCCUPANT LOAD OF 300 OR LESS.
 - GROUPS B, F, M AND S, AND IN PLACES OF RELIGIOUS WORSHIP, THE MAIN DOOR OR DOORS ARE PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EGRESS SIDE PROVIDED:
 - THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED.
 - A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE OR ADJACENT TO THE DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED. THE SIGN SHALL BE IN LETTERS 1/2" (12.5 MM) HIGH ON A CONTRASTING BACK-GROUND.
 - THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOKABLE BY THE BUILDING OFFICIAL FOR DUE CAUSE.
 - WHERE EGRESS DOORS ARE USED IN PAIRS, APPROVED AUTOMATIC FLUSH BOLTS SHALL BE PERMITTED TO BE USED, PROVIDED THAT THE DOOR LEAF HAVING THE AUTO-MATIC FLUSH BOLTS DOES NOT HAVE A DOOR KNOB OR SURFACE-MOUNTED HARDWARE.
 - DOORS FROM INDIVIDUAL DWELLING OR SLEEPING UNITS OF GROUP R OCCUPANCIES HAVING AN OCCUPANT LOAD OF 10 OR LESS ARE PERMITTED TO BE EQUIPPED WITH A NIGHT LATCH, DEAD BOLT OR SECURITY CHAIN, PROVIDED SUCH DEVICES ARE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR TOOL.
 - FIRE DOORS AFTER THE MINIMUM ELEVATED TEMPERATURE HAS DISABLED THE UNLATCHING MECHANISM IN ACCORDANCE WITH LISTED FIRE DOOR TEST PROCEDURES.
- 1010.1.9.5 UNLATCHING.** THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.

- 1010.1.9.5.1 CLOSET AND BATHROOM DOORS IN GROUP R-4 OCCUPANCIES.** IN GROUP R-4 OCCUPANCIES, CLOSET DOORS THAT LATCH IN THE CLOSED POSITION SHALL BE CAPABLE OF BEING UNLOCKED FROM THE INGRESS SIDE.
- 1010.1.9.7 DELAYED EGRESS.** DELAYED EGRESS LOCKING SYSTEMS SHALL BE PERMITTED TO BE INSTALLED ON DOORS SERVING ANY OCCUPANCY EXCEPT GROUP A, E, H AND L IN BUILDINGS THAT ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OR AN APPROVED AUTOMATIC SMOKE OR HEAT DETECTION SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 907. THE LOCKING SYSTEM SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH ALL OF THE FOLLOWING:
- ALL EGRESS DOOR OPERATION SHALL ALSO COMPLY WITH SECTION 1008.1.6 - 1008.1.8.
 - THE FOLLOWING SIGN SHALL BE PROVIDED ABOVE THE MAIN EXIT DOOR:
 - THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
 - THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.
 - THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY LIGHTING SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
 - AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
 - CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - EXTERIOR LANDING, AS REQUIRED BY CBC SECTION 1008.1.6, FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
 - THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH CBC SECTION 2702.
 - EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE AND A MINIMUM AT ANY POINT OF 0.1 FOOT CANDLE MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE AVERAGE AND A MINIMUM AT ANY POINT OF 0.05 FOOT-CANDLE AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.
 - THE EXIT SIGNS SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES UNIT EQUIPMENT OR AN ON-SITE GENERATOR SET, AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE. FOR HIGH RISE BUILDINGS, SEE CBC SECTION 403.
- EXIT SIGNS**
- PROVIDE FLOOR LEVEL EXIT SIGNS IN ALL INTERIOR CORRIDORS OF GROUP A, E, I, R, 2.1 OCCUPANCIES CBC 1011.7
 - INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SECTION 2702.
 - EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM THAT WILL PROVIDE AN ILLUMINATION OF NOT LESS THAN 90 MIN. IN CASE OF PRIMARY POWER LOSS CBC 1011.6.3
 - EXIT SIGNS SHALL BE ILLUMINATED INTERNALLY OR EXTERNALLY TO A MINIMUM INTENSITY LEVEL OF 4 FOOT CANDLES (54 LUX). ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES WIRING SYSTEM. IN THE EVENT OF FAILURE OF THIS SYSTEM ILLUMINATION SHALL BE AUTOMATICALLY PROVIDED FROM AN EMERGENCY SYSTEM PER CBC 1011.6.2
 - EXIT PATH LIGHTING SHALL BE PROVIDED FOR STAIRWAY, HALLWAY, EXIT PASSAGEWAY AND EGRESS TO A PUBLIC WAY ANYTIME THE BUILDING IS OCCUPIED. EMERGENCY LIGHTING SHALL BE PROVIDED GIVING A LIGHT VALUE OF ONE FOOT CANDLE AT THE FLOOR LEVEL.
 - PROVIDE EXIT SIGNS AND DIRECTIONAL EXIT SIGNS WITH A MINIMUM OF 6" HIGH BY 3/4" STROKE BLOCK LETTERS ON A CONTRASTING BACKGROUND.
 - WHENEVER BUILDING IS OCCUPIED, EXIT SIGNS SHALL BE LIGHTED SO THEY ARE CLEARLY VISIBLE.
- FIRE EXTINGUISHERS**
- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2-A10BC WITHIN 75 FEET TRAVEL DISTANCE TO ALL PORTIONS OF THE TENANT SPACES OR AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR.
 - PROVIDE PORTABLE FIRE EXTINGUISHER WITH A RATING NOT LESS THAN 10BC FOR KITCHEN, ELECTRICAL ROOM, MECHANICAL ROOM, OR PARKING GARAGE.

- SPRINKLERS**
- SPRINKLER HEADS SHALL BE LOCATED IN CENTER OF CEILING TILE IN A SYMMETRIC PATTERN.
 - NEW/RELOCATED FIRE SPRINKLER HEADS SHALL MATCH BUILDING STANDARD AND BE ADDED OR RELOCATED FROM THE EXISTING BASE BUILDING GRID.
 - DISTRIBUTION OF SPRINKLER HEADS MUST MEET GOVERNING CODES.
 - CLASS I DRY STAND PIPES ARE REQUIRED IN BUILDINGS FOUR OR MORE STORIES IN HEIGHT.
 - CLASS II WET STAND PIPES ARE REQUIRED AS SPECIFIED IN TABLE 9-A. SHOW LOCATION OF STAND PIPES ON FLOOR PLANS SUCH THAT ALL FLOOR AREAS CAN BE SERVICED BY A 100' LENGTH OF HOSE AND 30' STREAM.
 - CLASS III COMBINATION STAND PIPE ARE REQUIRED FOR BUILDINGS OVER 150' IN HEIGHT.
 - PLANS FOR THE FIRE SPRINKLER SYSTEM MODIFICATION SHALL BE SUBMITTED TO THE FIRE PREVENTION BUREAU FOR REVIEW AND APPROVAL PRIOR TO SYSTEM MODIFICATION.
- FIRE/LIFE SAFETY/STROBES**
- IF AN EMERGENCY WARNING SYSTEM IS REQUIRED, IT SHALL ACTIVATE A MEANS OF WARNING FOR THE HEARING IMPAIRED.
 - G.C. SHALL CHECK FIRE ALARM SYSTEM WHERE APPLICABLE FOR PROPER SOUND COVERAGE THROUGHOUT THE LEASE SPACE AND NOTIFY ARCHITECT IF IT IS NOT ADEQUATE.
 - APPROVED NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF NFPA 72G IN THE FOLLOWING AREAS: RESTROOMS, CORRIDORS, MUSIC PRACTICE ROOMS, BAND ROOMS, GYMNASIUMS, MULTIPURPOSE ROOMS, OCCUPATIONAL SHOPS, OCCUPIED ROOMS WHERE AMBIENT NOISE LEVELS EXCEED THE HEARING OF THE ALARM, LOBBIES, MEETING ROOMS AND ANY OTHER AREA FOR COMMON USE.
 - STROBE SIGNALING DEVICES REQUIRED FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHALL APPROVED LISTED.
 - NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL ALSO BE PROVIDED WITH THE FOLLOWING:
 - AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PUBLIC DOME SHOULD HAVE A SOUND LEVEL OF NOT LESS THAN 75 DBA AT 10' OR MORE THAN 110 DBA AT THE MIN. HEARING DISTANCE FROM THE AUDIBLE APPLIANCE.
 - AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PRIVATE DOME SHOULD HAVE A SOUND LEVEL OF NOT LESS THAN 45 DBA AT 10' OR MORE THAN 110 DBA AT THE MIN. HEARING DISTANCE FROM THE AUDIBLE APPLIANCE.
 - A SPECIFICATION VALUE NOT TO EXCEED 3 FLASHES PER SECOND AND NO SLOWER THAN 1 FLASH PER SECOND.
 - A CLEAR OR NOMINAL WHITE COLORED LIGHT SOURCE.
 - PLACEMENT AS LOW AS POSSIBLE, BUT NOT LOWER THAN A MIN. OF 6'-8" ABOVE THE FLOOR AND A MIN OF 6" BELOW THE CEILING.
 - NOTIFICATION APPLIANCES FOR OCCUPANCIES REQUIRED TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) SHALL COMPLY WITH THE FOLLOWING:
 - A PULSING LIGHT SOURCE OF NOT LESS THAN 75 CANDELA SHALL BE PROVIDED.
 - NO PLACE IN COMMON CORRIDORS OR HALLWAYS IN WHICH VISUAL ALARM SIGNALING APPLIANCES ARE REQUIRED SHALL BE MORE THAN 50' FROM THE SIGNAL.
 - NO PLACE IN ANY ROOM OR SPACE REQUIRED TO HAVE A VISUAL SIGNAL APPLIANCE SHALL BE MORE THAN 80' FROM THE SIGNAL. (IN HORIZONTAL PLANE) IN LARGE ROOMS AND SPACES EXCEEDING 100' ACROSS, WITHOUT OBSTRUCTIONS 6' ABOVE THE FINISHED FLOOR, DEVICES MAY BE PLACED AROUND THE PERIMETER, SPACED A MAX. 100' APART, IN LIEU OF SUSPENDING APPLIANCES FROM THE CEILING.
 - A MANUAL AND AUTOMATIC FIRE ALARM SYSTEM THAT INITIATES THE OCCUPANT NOTIFICATION SIGNAL UTILIZING AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM SHALL BE INSTALLED IN GROUP E OCCUPANCIES WITH AN OCCUPANT LOAD OF 50 OR MORE PERSONS OR CONTAINING MORE THAN ONE CLASSROOM. PLANS SHALL BE SUBMITTED TO THE FIRE PREVENTION BUREAU FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 - AN EMERGENCY PRE-FIRE PLAN SHALL BE DEVELOPED SPECIFYING THE PROCEDURES TO BE FOLLOWED IN CASE OF FIRE OR OTHER EMERGENCY. THE PLAN SHALL INCLUDE THE FOLLOWING:
 - POSTING 911 EMERGENCY PHONE NUMBER IN THE MAIN OFFICE.
 - ASSIGNMENT OF A RESPONSIBLE PERSON TO CALL THE FIRE DEPARTMENT UPON NOTIFICATION OF ANY FIRE OR ACTIVATION OF THE ALARM SYSTEM FOR ANY REASON OTHER THAN FIRE DRILLS.
 - POSTING IN A CONSPICUOUS PLACE IN EACH CLASSROOM OR ASSEMBLY AREA A PLAN SHOWING PATHS OF TRAVEL TO EVACUATE THE ROOM IN CASE OF EMERGENCY AND INCLUDING AN ALTERNATE ROUTE.
 - POSTING IN EACH CLASSROOM INSTRUCTION TO BE FOLLOWED BY THE TEACHER. THESE SHOULD INCLUDE: 1) MAINTAINING ORDER DURING EVACUATION. 2) REMOVAL OF CALL BOOK AND CALLING OF ROLL WHEN DESIGNATED EVACUATION AREA IS ROLLED.

- TACTILE EXIT SIGN (BRAILLE) SHALL BE PROVIDED AND IN COMPLIANCE WITH CBC 11B-216.4 & CBC SEC. 1013.4 WHEN TWO OR MORE EXITS ARE REQUIRED. AS FOLLOWS:
 - EACH GRADE-LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT".
 - EACH ACCESS DOOR FROM AN INTERIOR OR AREA TO A CORRIDOR THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE".
 - TACTILE SIGNS SHALL BE LOCATED 48" MIN. AND 60" MAX. ABOVE THE FINISH FLOOR OR GROUND SURFACE.
 - IDENTIFY LOCATIONS OF REQUIRED TACTILE EXIT SIGNAGE ON THE EXITING PLAN.
- POST OCCUPANT LOAD SIGNAGE IN ASSEMBLY ROOMS OR AREAS WITH AN OCCUPANT LOAD OF 50 OR MORE. IDENTIFY THE LOCATION(S) OF THE REQUIRED OCCUPANT LOAD SIGN(S) ADJACENT TO THE MAIN EXIT DOOR WHEN APPLICABLE.

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Options For Youth
 Public Charter Schools
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 DUARTE, CA 91010

CLIENT:
LUPINE
 CONSTRUCTION & DEVELOPMENT
 715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS
 CITY OF DUARTE
 BUILDING AND SAFETY DIVISION
 APPROVED
 This set of plans & specifications must be kept on the job site. If it is useful to make any changes or additions on drawings, a written permission from Building Safety Department of the City of Duarte is required. The stamping of these plans and specifications shall NOT be valid to use for any approval of this location of any provision of any City Ordinance or State Law.
 Date: _____
 Signature: _____

PROJECT DATA

DATE	01-19-26
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

SHEET TITLE
**GENERAL NOTES/
 FIRE NOTES**
 SHEET NO.
T-1.2

A. APPLICATION AND ADMINISTRATION

- WHEN ALTERATIONS OR ADDITIONS ARE MADE TO EXISTING BUILDINGS OR FACILITIES, AN ACCESSIBLE PATH OF TRAVEL TO THE SPECIFIC AREA OF ALTERATION OR ADDITION SHALL BE PROVIDED UNLESS OTHERWISE EXEMPT. **§11B-202.4**
- PRIMARY ACCESSIBLE PATH OF TRAVEL SHALL INCLUDE A PRIMARY ENTRANCE TO THE BUILDING OR FACILITY, TOILET AND BATHING FACILITIES SERVING THE AREA, DRINKING FOUNTAINS SERVING THE AREA, PUBLIC TELEPHONES SERVING THE AREA, AND SIGNS. **§11B-202.4**
- WHEN THE ADJUSTED CONSTRUCTION COST IS LESS THAN OR EQUAL TO THE CURRENT VALUATION THRESHOLD \$150,000.00, THE COST OF COMPLIANCE WITH THE PRIMARY ACCESSIBLE PATH OF TRAVEL REQUIREMENTS IS LIMITED TO 20 PERCENT OF THE ADJUSTED CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS PRESENTLY PLANNED AND THOSE DURING THE PRECEDING THREE-YEAR PERIOD. **§11B-202.4**
- ADJUSTED CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS DOES NOT INCLUDE THE COST OF ALTERATIONS TO PATH OF TRAVEL ELEMENTS. **§11B-202.4**
- IN CHOOSING WHICH ACCESSIBLE ELEMENTS TO PROVIDE, PRIORITY SHOULD BE GIVEN TO THOSE ELEMENTS THAT WILL PROVIDE THE GREATEST ACCESS IN THE FOLLOWING ORDER: (1) AN ACCESSIBLE ENTRANCE; (2) AN ACCESSIBLE ROUTE TO THE ALTERED AREA; (3) AT LEAST ONE ACCESSIBLE RESTROOM FOR EACH SEX OR A SINGLE ACCESSIBLE UNISEX RESTROOM; (4) ACCESSIBLE TELEPHONES; (5) ACCESSIBLE DRINKING FOUNTAINS; AND (6) WHEN POSSIBLE, ADDITIONAL ACCESSIBLE ELEMENTS SUCH AS PARKING, SIGNS, STORAGE AND ALARMS. **§11B-202.4**
- ALTERATIONS TO A QUALIFIED HISTORIC BUILDING OR FACILITY SHALL COMPLY WITH CHAPTER 11B UNLESS IT WILL THREATEN OR DESTROY THE HISTORICAL SIGNIFICANCE OR CHARACTER-DEFINING FEATURES OF THE BUILDING OR PROPERTY. IN THOSE CASES, ALTERNATIVE PROVISIONS SHALL BE APPLIED ON AN ITEM-BY-ITEM OR CASE-BY-CASE BASIS WITH SUFFICIENT WRITTEN DOCUMENTATION. **§11B-202.5, SHBC 8-602**
- NOTE ON PLAN:** PUBLIC ACCOMMODATIONS SHALL MAINTAIN IN OPERABLE WORKING CONDITION THOSE FEATURES OF FACILITIES AND EQUIPMENT THAT ARE REQUIRED TO BE ACCESSIBLE TO AND USEABLE BY PERSONS WITH DISABILITIES. ISOLATED OR TEMPORARY INTERRUPTIONS IN SERVICE OR ACCESSIBILITY DUE TO MAINTENANCE OR REPAIRS SHALL BE PERMITTED. **§11B-108**

B. BUILDING BLOCKS

FLOOR OR GROUND SURFACES

- FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. **§11B-302.1**
- CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD, OR BACKING OR NO CUSHION OR PAD. CARPET OR CARPET TILE SHALL HAVE A LEVEL LOOP, TEXTURED RUBBER, LEVEL CUT PILE, OR LEVEL CUT/UNCUT PILE TEXTURE. PILE HEIGHT SHALL BE ¾ INCH MAXIMUM. **§11B-302.2, FIGURE 11B-302.2**
- CHANGES IN LEVEL
- VERTICAL CHANGES IN LEVEL FOR FLOOR OR GROUND SURFACES MAY BE ¼ INCH HIGH MAXIMUM AND WITHOUT EDGE TREATMENT, CHANGES IN LEVEL GREATER THAN ¼ INCH AND NOT EXCEEDING ¾ INCH IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. **§11B-303, FIGURES 11B-303.2 & 11B-303.3**
- CHANGES IN LEVEL GREATER THAN ¼ INCH IN HEIGHT SHALL BE RAMPED AND SHALL COMPLY WITH THE REQUIREMENTS OF 11B-405 RAMPS OR 11B-406 CURB RAMPS AS APPLICABLE. **§11B-303**
- ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES IN A VERTICAL DIMENSION BETWEEN WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS AND ADJACENT SURFACES OR FEATURES SHALL BE IDENTIFIED BY WARNING CURBS AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE OR BY GUARDS OR HANDRAILS WITH A GUIDE RAIL CENTERED 2 INCHES MINIMUM AND 4 INCHES MAXIMUM ABOVE THE SURFACE OF THE WALK OR SIDEWALK. THESE REQUIREMENTS DO NOT APPLY:
 - BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY. **§11B-303.5**
- CIRCULAR TURNING SPACES SHALL BE A SPACE OF 60 INCHES DIAMETER MINIMUM AND MAY INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH 11B-306 KNEE AND TOE CLEARANCE. **§11B-304.1**
- T-SHAPED TURNING SPACES SHALL BE A T-SHAPED SPACE WITHIN A 60 INCH SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MINIMUM. **§11B-304.2, FIGURE 11B-304.2**
- KNEE AND TOE CLEARANCE**
- FOR LAVATORIES AND BUILT-IN DINING AND WORK SURFACES REQUIRED TO BE ACCESSIBLE, TOE CLEARANCE SHALL BE PROVIDED THAT IS 30 INCHES IN WIDTH AND 9 INCHES IN HEIGHT ABOVE THE FINISH FLOOR OR GROUND FOR A DEPTH OF 19 INCHES MINIMUM. **§11B-306.2.1**
- TOE CLEARANCE SHALL EXTEND 19 INCHES MAXIMUM UNDER LAVATORIES FOR TOILET AND BATHING FACILITIES AND 25 INCHES MAXIMUM UNDER OTHER ELEMENTS. **§11B-306.2.2**
- AT LAVATORIES TOILET AND BATHING FACILITIES, KNEE CLEARANCE SHALL BE PROVIDED THAT IS 30 INCHES IN WIDTH FOR A DEPTH OF 11 INCHES AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND AND FOR A DEPTH OF 8 INCHES AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND INCREASING TO 29 INCHES HIGH MINIMUM ABOVE THE FINISH FLOOR OR GROUND AT THE FRONT EDGE OF A COUNTER WITH A BUILT-IN LAVATORY OR AT THE FRONT EDGE OF A WALL-MOUNTED LAVATORY FIXTURE. **§11B-306.3.3, FIGURE 11B-306.3(C)**
- AT DINING AND WORK SURFACES REQUIRED TO BE ACCESSIBLE, KNEE CLEARANCE SHALL BE PROVIDED THAT IS 30 INCHES IN WIDTH AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND FOR A DEPTH OF AT LEAST 19 INCHES. **§11B-306.3**
- PROTRUDING OBJECTS**
- EXCEPT FOR HANDRAILS, OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND LESS THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE NO MORE THAN 4 INCHES HORIZONTALLY INTO THE CIRCULATION PATH. HANDRAILS MAY PROTRUDE 4½ INCHES MAXIMUM. **§11B-307.2, FIGURE 11B-307.2**
- FREE-STANDING OBJECTS MOUNTED ON POSTS OR PLYONS SHALL OVERHANG CIRCULATION PATHS NO MORE THAN 12 INCHES WHEN LOCATED FROM 27 TO 80 INCHES ABOVE THE FINISH FLOOR OR GROUND. **§11B-307.3, FIGURE 11B-307.3(A)**
- PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. **§11B-307.5**
- LOWEST EDGE OF A SIGN OR OTHER OBSTRUCTION, WHEN MOUNTED BETWEEN POSTS OR PLYONS SEPARATED WITH A CLEAR DISTANCE GREATER THAN 12 INCHES, SHALL BE LESS THAN 27 INCHES OR MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND. **§11B-307.3, FIGURE 11B-307.3(B)**
- VERTICAL CLEARANCE SHALL BE AT LEAST 80 INCHES HIGH ON CIRCULATION PATHS EXCEPT AT DOOR CLOSERS AND DOOR STOPS, WHICH MAY BE 78 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. **§11B-307.4**
- GUARDRAILS OR OTHER BARRIERS WITH A LEADING EDGE LOCATED 27 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SHALL BE PROVIDED WHERE THE VERTICAL CLEARANCE ON CIRCULATION PATHS IS LESS THAN 80 INCHES HIGH. **§11B-307.4, FIGURE 11B-307.4**
- WHERE A GUY SUPPORT IS USED WITHIN EITHER THE WIDTH OF A CIRCULATION PATH OR 24 INCHES MAXIMUM OUTSIDE OF A CIRCULATION PATH, A VERTICAL GUY BRACE, SIDEWALK GUY OR SIMILAR DEVICE SHALL BE USED TO PREVENT A HAZARD OR AN OVERHEAD OBSTRUCTION. **§11B-307.4.1, FIGURE 11B-307.4.1**
- REACH RANGES**
- ELECTRICAL CONTROLS AND SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF A ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT SHALL BE LOCATED WITHIN ALLOWABLE REACH RANGES. LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. **§11B-308.1.1**
- ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPERES OR LESS AND COMMUNICATION SYSTEM RECEPTACLES SHALL BE LOCATED WITHIN ALLOWABLE REACH RANGES. LOW REACH SHALL BE MEASURED TO THE BOTTOM OF THE OUTLET BOX AND HIGH REACH SHALL BE MEASURED TO THE TOP OF THE OUTLET BOX. **§11B-308.1.2**
- HIGH FORWARD REACH THAT IS UNOBSTRUCTED SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. **§11B-308.2.1, FIGURE 11B-308.2.1**
- HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES OR LESS AND 44 INCHES MAXIMUM WHERE THE REACH DEPTH EXCEEDS 20 INCHES. HIGH FORWARD REACH SHALL NOT EXCEED 25 INCHES IN DEPTH. **§11B-308.2.2, FIGURE 11B-308.2.2**
- HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR WHERE THE SIDE REACH IS UNOBSTRUCTED OR THE DEPTH OF ANY OBSTRUCTION DOES NOT EXCEED 10 INCHES. **§11B-308.3.1, FIGURE 11B-308.3.1**
- HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND WHERE THE HIGH SIDE REACH IS OVER AN OBSTRUCTION MORE THAN 10 INCHES BUT NOT MORE THAN 24 INCHES IN DEPTH. **§11B-308.3.2, FIGURE 11B-308.3.2**
- OBSTRUCTIONS FOR HIGH SIDE REACH SHALL NOT EXCEED 34 INCHES IN HEIGHT AND 24 INCHES IN DEPTH. **§11B-308.3.2, FIGURE 11B-308.3.2**
- OBSTRUCTED HIGH SIDE REACH FOR THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. **§11B-308.3.2**
- OBSTRUCTED HIGH SIDE REACH FOR THE OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54 INCHES MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS ARE INSTALLED ON EXISTING CURBS. **§11B-308.3.2**
- OPERABLE PARTS**
- OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM. **§11B-309.4**

C. ACCESSIBLE ROUTES

GENERAL

- AT LEAST ONE ACCESSIBLE ROUTE SHALL BE PROVIDED WITHIN THE SITE FROM ACCESSIBLE PARKING SPACES AND ACCESSIBLE PASSENGER LOADING ZONES, PUBLIC STREETS AND SIDEWALKS, AND PUBLIC TRANSPORTATION STOPS TO THE ACCESSIBLE BUILDING OR FACILITY ENTRANCE. THEY SERVE WHERE MORE THAN ONE ROUTE IS PROVIDED, ALL ROUTES MUST BE ACCESSIBLE. **§11B-206.2.1 (SEE EXCEPTIONS)**

- AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES THAT ARE ON THE SAME SITE. **§11B-206.2.2 (SEE EXCEPTION)**
- AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT EACH STORY AND MEZZANINE IN MULTI-STORY BUILDINGS AND FACILITIES. **§11B-206.2.3 (SEE EXCEPTIONS)**
- IN NEW CONSTRUCTION OF BUILDINGS WHERE ELEVATORS ARE REQUIRED BY 11B-206.2.3 MULTI-STORY BUILDINGS AND FACILITIES, AND WHICH EXCEED 10,000 SQUARE FEET ON ANY FLOOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET OF TRAVEL OF EACH STAIR AND EACH ESCALATOR. **§11B-206.2.3.2**
- IN EXISTING BUILDINGS THAT EXCEED 10,000 SQUARE FEET ON ANY FLOOR AND IN WHICH ELEVATORS ARE REQUIRED BY 11B-206.2.3 MULTI-STORY BUILDINGS AND FACILITIES, WHENEVER A NEWLY CONSTRUCTED MEANS OF VERTICAL ACCESS IS PROVIDED VIA STAIRS OR AN ESCALATOR, AN ACCESSIBLE MEANS OF VERTICAL ACCESS VIA RAMP, ELEVATOR OR LIFT SHALL BE PROVIDED WITHIN 200 FEET OF TRAVEL OF EACH NEW STAIR OR ESCALATOR. **§11B-206.2.3.2**
- AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDING OR FACILITY ENTRANCES WITH ALL ACCESSIBLE SPACES AND ELEMENTS WITHIN THE BUILDING OR FACILITY, INCLUDING MEZZANINES, WHICH ARE OTHERWISE CONNECTED BY A CIRCULATION PATH. **§11B-206.2.4 (SEE EXCEPTIONS 1 THROUGH 7)**
- ACCESSIBLE ROUTES SHALL COINCIDE WITH OR BE LOCATED IN THE SAME AREA AS GENERAL CIRCULATION PATHS, WHERE CIRCULATION PATHS ARE INTERIOR, REQUIRED ACCESSIBLE ROUTES SHALL ALSO BE INTERIOR. AN ACCESSIBLE ROUTE SHALL NOT PASS THROUGH KITCHENS, STORAGE ROOMS, RESTROOMS, CLOSETS OR OTHER SPACES USED FOR SIMILAR PURPOSES, EXCEPT AS PERMITTED BY CHAPTER 10. **§11B-206.3**

EMPLOYEE WORKSTATIONS

- EMPLOYEE WORKSTATIONS SHALL BE ON AN ACCESSIBLE ROUTE COMPLYING WITH DIVISION 4. SPACES AND ELEMENTS WITHIN EMPLOYEE WORKSTATIONS SHALL ONLY BE REQUIRED TO COMPLY WITH SECTIONS 11B-207.1, 11B-215.3, 11B-302, 11B-303, AND 11B-404.2.3. COMMON USE CIRCULATION PATHS WITHIN EMPLOYEE WORKSTATIONS SHALL COMPLY WITH SECTION 11B-206.2.8. **§11B-203.9**

DETECTABLE WARNINGS AND DETECTABLE DIRECTIONAL TEXTURE

- CURB RAMPS SHALL HAVE DETECTABLE WARNINGS THAT EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL FOR THE FULL WIDTH OF THE RAMP RUN LESS THAN 2 INCHES MAXIMUM ON EACH SIDE, EXCLUDING ANY FLARED SIDES. **§11B-247.1.2.2, §11B-705.1.2.2**
- ON PERPENDICULAR CURB RAMPS, DETECTABLE WARNINGS SHALL BE LOCATED SO THE EDGE NEAREST THE CURB IS 6 TO 8 INCHES FROM THE LINE AT THE FACE OF THE CURB MARKING THE TRANSITION BETWEEN THE CURB AND THE GUTTER, STREET OR HIGHWAY. **§11B-247.1.2.2, §11B-705.1.2.2**
- ON PARALLEL CURB RAMPS, DETECTABLE WARNINGS SHALL BE PLACED ON THE TURNING SPACE AT THE FLUSH TRANSITION BETWEEN THE STREET AND SIDEWALK. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE TURNING SPACE AT THE FLUSH TRANSITION BETWEEN THE STREET AND THE SIDEWALK LESS THAN 2 INCHES MAXIMUM ON EACH SIDE. **§11B-247.1.2.2, §11B-705.1.2.2, FIGURE 11B-406.3.2**
- ISLANDS OR CUT-THROUGH MEDIANS 96 INCHES OR LONGER IN LENGTH IN THE DIRECTION OF PEDESTRIAN TRAVEL SHALL HAVE DETECTABLE WARNINGS THAT ARE 36 INCHES MINIMUM IN DEPTH EXTENDING THE FULL WIDTH OF THE PEDESTRIAN PATH OR CUT-THROUGH LESS THAN 2 INCHES MAXIMUM ON EACH SIDE, PLACED AT THE EDGES OF THE PEDESTRIAN ISLAND OR CUT-THROUGH MEDIAN, AND SEPARATED BY 24 INCHES MINIMUM OF WALKING SURFACE WITHOUT DETECTABLE WARNINGS. **§11B-247.1.2.3, §11B-705.1.2.3**
- WALKS THAT CROSS OR ADJOIN A ROUTE PROVIDED FOR VEHICULAR TRAFFIC, SUCH AS IN A STREET, DRIVEWAY, OR PARKING FACILITY, SHALL BE SEPARATED BY DETECTABLE WARNINGS, CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS. **§202, §11B-247.1.2.5, §11B-705.1.2.5**
- DETECTABLE WARNINGS PROVIDED TO SEPARATE WALKS THAT CROSS OR ADJOIN A ROUTE PROVIDED FOR VEHICULAR TRAFFIC, SUCH AS IN A STREET, DRIVEWAY, OR PARKING FACILITY, SHALL BE 36 INCHES IN WIDTH AND CONTINUOUS AT THE BOUNDARY BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS. **§202, §11B-247.1.2.5, §11B-705.1.2.5**
- PROVIDE DETECTABLE WARNING DETAILS SHOWING COMPLIANCE WITH THE FOLLOWING:
 - DETECTABLE WARNING SURFACES AT TRANSIT BOARDING PLATFORM EDGES, BUS STOPS, HAZARDOUS VEHICULAR AREAS, REFLECTING POOLS, AND TRACK CROSSINGS SHALL COMPLY WITH SECTION 11B-705.1.1.3.1. **§11B-705.1.1.3.1**
 - DETECTABLE WARNINGS AT OTHER LOCATIONS SHALL COMPLY WITH EITHER SECTION 11B-705.1.1.3.1 OR SECTION 11B-705.1.1.3.2. THE MATERIAL USED TO PROVIDE VISUAL CONTRAST SHALL BE AN INTEGRAL PART OF THE SURFACE. **§11B-705.1.1.3**
 - DETECTABLE WARNING SURFACES SHALL BE YELLOW AND APPROXIMATE FS 35358 OF FEDERAL STANDARD 595C. **§11B-705.1.1.3.1**
 - DETECTABLE WARNING SURFACES SHALL PROVIDE A 70 PERCENT MINIMUM VISUAL CONTRAST WITH ADJACENT WALKING SURFACES. CONTRAST IN PERCENT SHALL BE DETERMINED BY:

$$\text{CONTRAST PERCENT} = \frac{[(B1-B2)/B1] \times 100}{\text{WHERE}}$$

$$B1 = \text{LIGHT REFLECTANCE VALUE (LRV) OF THE LIGHTER AREA AND}$$

$$B2 = \text{LIGHT REFLECTANCE VALUE (LRV) OF THE DARKER AREA}$$
§11B-705.1.1.3.2 (SEE EXCEPTION) ENTRANCES
- ENTRANCES SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.4 ENTRANCES, ENTRANCE DOORS, DOORWAYS, AND GATES SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES AND SHALL BE ON AN ACCESSIBLE ROUTE COMPLYING WITH 11B-402 ACCESSIBLE ROUTES; (SEE EXCEPTIONS). **§11B-206.4**
- ALL ENTRANCES AND EXTERIOR GROUND-FLOOR EXITS TO BUILDINGS AND FACILITIES SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. **§11B-206.4.1**
- WHERE DIRECT ACCESS IS PROVIDED FOR PEDESTRIANS FROM A PARKING STRUCTURE TO A BUILDING OR FACILITY ENTRANCE, EACH DIRECT ACCESS TO THE BUILDING OR FACILITY ENTRANCE SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. **§11B-206.4.2**
- DIRECT CONNECTIONS TO OTHER FACILITIES SHALL PROVIDE AN ACCESSIBLE ROUTE COMPLYING WITH 11B-404 DOORS, DOORWAYS, AND GATES FROM THE POINT OF CONNECTION TO BOARDING PLATFORMS AND ALL TRANSPORTATION SYSTEM ELEMENTS REQUIRED TO BE ACCESSIBLE. ANY ELEMENTS PROVIDED TO FACILITATE FUTURE DIRECT CONNECTIONS SHALL BE ON AN ACCESSIBLE ROUTE CONNECTING BOARDING PLATFORMS AND ALL TRANSPORTATION SYSTEM ELEMENTS REQUIRED TO BE ACCESSIBLE. **§11B-206.4.2 (SEE EXCEPTION) TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTES**
- ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A RUNNING SLOPE NOT STEEPER THAN 1:20 (5%), DOORWAYS, RAMPS, CURB RAMPS EXCLUDING THE FLARED SIDES, ELEVATORS, AND PLATFORM LIFTS. **§11B-402.2**
- THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20 (5%). THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48 (2.083%). **§11B-403.3**
- EXCEPT AT TURNS OR PASSING SPACES, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES MINIMUM. **§11B-403.5.1**
- THE CLEAR WIDTH FOR WALKING SURFACES IN CORRIDORS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE 44 INCHES MINIMUM. **§11B-403.5.1 EXCEPTION 2**
- THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48 INCHES MINIMUM. **§11B-403.5.1 EXCEPTION 3**
- THE CLEAR WIDTH FOR AISLES SHALL BE 36 INCHES MINIMUM IF SERVING ELEMENTS ON ONLY ONE SIDE, AND 44 INCHES MINIMUM IF SERVING ELEMENTS ON BOTH SIDES. **§11B-403.5.1 EXCEPTION 4**
- THE CLEAR WIDTH FOR ACCESSIBLE ROUTES TO ACCESSIBLE TOILET COMPARTMENTS SHALL BE 44 INCHES EXCEPT FOR DOOR-OPENING WIDTHS AND DOOR SWINGS. **§11B-403.5.1 EXCEPTION 5**
- DOORS, DOORWAYS, AND GATES PROVIDING USER PASSAGE SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.5 DOORS, DOORWAYS, AND GATES. **§11B-206.5**
- DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. **§11B-404.1**
- REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE. **§11B-402.2.1**
- AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL COMPLY WITH 11B-404.2.3 CLEAR WIDTH AND 11B-404.2.4 MANEUVERING CLEARANCES. **§11B-404.2.2**
- DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES. **§11B-404.2.3**
- MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH 11B-404.2.4 MANEUVERING CLEARANCES. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE. **§11B-404.2.4**
- SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 11B-404.2.4.1. **§11B-404.2.4.1**
- DOORWAYS LESS THAN 36 INCHES WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 11B-404.2.4.2. **§11B-404.2.4.2**
- MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES OF THE LATCH SIDE AN INTERIOR DOORWAY, OR WITHIN 24 INCHES OF THE LATCH SIDE OF AN EXTERIOR DOORWAY, PROJECTS MORE THAN 8 INCHES BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE. **§11B-404.2.4.3**

- THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE ¾ INCH HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH 11B-302 FLOOR OR GROUND SURFACES AND 11B-303 CHANGES IN LEVEL. **§11B-404.2.5**
- HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH 11B-309.4 OPERATION. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. **§11B-404.2.7**
- THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: **§11B-404.2.9**
 - INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM.
 - SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM.
 - REQUIRED FIRE DOORS: THE MINIMUM OPERING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.
 - EXTERIOR HINGED DOORS: 5 POUNDS MAXIMUM.
- SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN THESE SURFACES SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER AND BE FREE OF SHARP OR ABRASIVE EDGES. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CAPPED. **§11B-404.2.10**
- RAMPS**
- PROVIDE RAMP DETAILS, INCLUDING SLOPE, LANDINGS, AND HANDRAILS.
- RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%). **§11B-405.2**
- CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48 (2.083%). **§11B-405.3**
- FLOOR OR GROUND SURFACES OF RAMP RUNS SHALL COMPLY WITH 11B-302 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON RAMP RUNS. **§11B-405.4**
- THE CLEAR WIDTH OF A RAMP RUN SHALL BE 48 INCHES MINIMUM. **§11B-405.5**
- THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM. **§11B-405.6**
- RAMPS SHALL HAVE LANDINGS AT THE TOP AND THE BOTTOM OF EACH RAMP RUN. **§11B-405.7**
- LANDINGS SHALL COMPLY WITH 11B-302 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL ARE NOT PERMITTED. **§11B-405.7.1**
- THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. **§11B-405.7.2**
- TOP LANDINGS SHALL BE 60 INCHES WIDE MINIMUM. **§11B-405.7.2.1**
- THE LANDING CLEAR LENGTH SHALL BE 60 INCHES LONG MINIMUM. **§11B-405.7.3**
- BOTTOM LANDINGS SHALL EXTEND 72 INCHES MINIMUM IN THE DIRECTION OF RAMP RUN. **§11B-405.7.3.1**
- RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING 60 INCHES MINIMUM BY 72 INCHES MINIMUM IN THE DIRECTION OF DOWNWARD TRAVEL FROM THE UPPER RAMP RUN. **§11B-405.7.4**
- WHERE DOORWAYS ARE LOCATED ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY 11B-404.2.4 AND 11B-404.3.2 SHALL BE PERMITTED TO OVERLAP THE REQUIRED LANDING AREA. DOORS, WHEN FULLY OPEN, SHALL NOT REDUCE THE REQUIRED RAMP LANDING WIDTH BY MORE THAN 3 INCHES. DOORS, IN ANY POSITION, SHALL NOT REDUCE THE MINIMUM DIMENSION OF THE RAMP LANDING TO LESS THAN 42 INCHES. **§11B-405.7.5**
- RAMP RUNS SHALL HAVE COMPLIANT HANDRAILS PER 11B-505 HANDRAILS. **§11B-405.8**
- EDGE PROTECTION COMPLYING WITH 11B-405.9.2 CURB OR BARRIER SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS. **§11B-405.9 (SEE EXCEPTIONS)**
- A CURB, 2 INCHES HIGH MINIMUM, OR BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4 INCH DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4 INCHES OF THE FINISH FLOOR OR GROUND SURFACE, TO PREVENT WHEEL ENTRAPMENT. THE CURB OR BARRIER SHALL PROVIDE A CONTINUOUS AND UNINTERRUPTED BARRIER ALONG THE LENGTH OF THE RAMP. **§11B-405.9.2**
- LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER. **§11B-405.10**
- HANDRAILS**
- HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS. **§11B-505.2**
- HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS ON SWITCHBACK OR DOGLEG STAIRS AND RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS. **§11B-505.3**
- TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. **§11B-505.4**
- CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACES AND ADJACENT SURFACES SHALL BE 1½ INCHES MINIMUM. HANDRAILS MAY BE LOCATED IN A RECESS IF THE RECESS IS 3 INCHES MAXIMUM DEEP AND 18 INCHES MINIMUM CLEAR ABOVE THE TOP OF THE HANDRAIL. **§11B-505.5**
- HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOMS OF HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20 PERCENT OF THEIR LENGTH. WHERE PROVIDED, HORIZONTAL PROJECTIONS SHALL OCCUR 1½ INCHES MINIMUM BELOW THE BOTTOM OF THE HANDRAIL-GRIPPING SURFACE. **§11B-505.6**
- HANDRAIL GRIPPING SURFACES WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1½ INCHES MINIMUM AND 2 INCHES MAXIMUM. **§11B-505.7.1**
- HANDRAIL GRIPPING SURFACES WITH A NON-CIRCULAR CROSS SECTION SHALL HAVE A PERIMETER DIMENSION OF 4 INCHES MINIMUM AND 6½ INCHES MAXIMUM, AND A CROSS-SECTION DIMENSION OF 2½ INCHES MAXIMUM. **§11B-505.7.2**
- HANDRAIL GRIPPING SURFACES SHALL EXTEND BEYOND AND IN THE SAME DIRECTION OF STAIR FLIGHTS AND RAMP RUNS IN ACCORDANCE WITH SECTION 11B-505.10 HANDRAIL EXTENSIONS. **§11B-505.10**
- IN ALTERATIONS, WHERE THE EXTENSION OF THE HANDRAIL IN THE DIRECTION OF STAIR FLIGHT OR RAMP RUN WOULD CREATE A HAZARD, THE EXTENSION OF THE HANDRAIL MAY BE TURNED 90 DEGREES FROM THE DIRECTION OF STAIR FLIGHT OR RAMP RUN. **§11B-505.10 EXCEPTION 3**
- RAMP HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUNS. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT RAMP RUN. **§11B-505.10.1**
- AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT. **§11B-505.10.2**
- AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEFORE THE LAST RISER NOSING. THE HORIZONTAL EXTENSION OF A HANDRAIL SHALL BE 12 INCHES LONG MINIMUM AND A HEIGHT EQUAL TO THAT OF THE SLOPING PORTION OF THE HANDRAIL AS MEASURED ABOVE THE STAIR NOSINGS. EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT. **§11B-505.10.3**
- STAIRWAYS**
- A STAIR IS DEFINED AS A CHANGE IN ELEVATION, CONSISTING OF ONE OR MORE RISERS. **§11B-202**
- ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES HIGH MINIMUM AND 7 INCHES HIGH MAXIMUM. TREADS SHALL BE 11 INCHES DEEP MINIMUM. CURVED STAIRWAYS WITH WINDER TREADS ARE PERMITTED AT STAIRS WHICH ARE NOT PART OF A REQUIRED MEANS OF EGRESS. (SEE EXCEPTION) **§11B-504.2**
- OPEN RISERS ARE NOT PERMITTED. **§11B-504.3 (SEE EXCEPTIONS)**
- INTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND LOWER TREAD MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST. EXTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND ALL TREADS MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST. THE STRIPE SHALL BE A MINIMUM OF 2 INCHES WIDE TO A MAXIMUM OF 4 INCHES WIDE PLACED PARALLEL TO, AND NOT MORE THAN 1 INCH FROM, THE NOSE OF THE STEP OR UPPER APPROACH. THE STRIPE SHALL EXTEND THE FULL WIDTH OF THE STEP OR UPPER APPROACH AND SHALL BE OF MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIPE SHALL BE ACCEPTABLE. GROOVES SHALL NOT BE USED TO SATISFY THIS REQUIREMENT. **§11B-504.4.1**
- THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE ¾ INCH MAXIMUM. NOSINGS THAT PROJECT BEYOND RISERS SHALL HAVE THE UNDERSIDE OF THE LEADING EDGE CURVED OR BEVELED. RISERS SHALL BE PERMITTED TO SLOPE UNDER THE TREAD AT AN ANGLE OF 30 DEGREES MAXIMUM FROM VERTICAL. THE PERMITTED PROJECTION OF THE NOSING SHALL EXTEND 1½ INCHES MAXIMUM OVER THE TREAD BELOW. **§11B-504.5 (SEE EXCEPTION FOR EXISTING BUILDINGS)**
- STAIRS SHALL HAVE HANDRAILS COMPLYING WITH SECTION 11B-505 HANDRAILS. **§11B-504.6**
- STAIR TREADS AND LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER. **§11B-504.7**
- FLOOR IDENTIFICATION SIGNS REQUIRED BY CHAPTER 10, SECTION 1022.9 COMPLYING WITH SECTIONS 11B-703.1 SIGNS GENERAL, 11B-703.2 RAISED CHARACTERS, 11B-703.3 BRAILLE AND 11B-703.5 VISUAL CHARACTERS SHALL BE LOCATED AT THE LANDING OF EACH FLOOR LEVEL PLACED ADJACENT TO THE DOOR ON THE LATCH SIDE. IN ALL ENCLOSED STAIRWAYS IN BUILDINGS TWO OR MORE STORIES IN HEIGHT TO IDENTIFY THE FLOOR LEVEL. AT THE EXIT DISCHARGE LEVEL, THE SIGN SHALL INCLUDE A RAISED FIVE POINTED STAR LOCATED TO THE LEFT OF THE IDENTIFYING FLOOR LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE THE SAME AS THE HEIGHT OF THE RAISED CHARACTERS. **§11B-504.8**
- CURB RAMPS, BLENDED TRANSITIONS AND ISLANDS**
- PERPENDICULAR RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%). **§11B-406.2.1**
- FOR PERPENDICULAR RAMPS, WHERE PROVIDED, CURB RAMP FLARES SHALL NOT BE STEEPER THAN 1:10. **§11B-406.2, FIGURE 11B-406.2.2**
- THE RUNNING SLOPE OF THE CURB RAMP SEGMENTS SHALL BE IN-LINE WITH THE DIRECTION OF SIDEWALK TRAVEL. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%). **§11B-406.3.1, FIGURE 11B-406.3.2**
- A TURNING SPACE 48 INCHES MINIMUM BY 48 INCHES MINIMUM SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP. THE SLOPE OF THE TURNING SPACE IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM (2.083%). **§11B-406.3.2**
- BLENDED TRANSITION RAMPS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:20 (5%). **§11B-406.4.1**

- CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES, OR PARKING ACCESS AISLES. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES. **§11B-406.5.1**
- THE CLEAR WIDTH OF CURB RAMP RUNS (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITIONS, AND TURNING SPACES SHALL BE 48 INCHES MINIMUM. **§11B-406.5.2**
- LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS AND BLENDED TRANSITIONS (PARALLEL CURB RAMPS SHALL HAVE A CLEAR WIDTH OF 48 INCHES MINIMUM). THE LANDING CLEAR LENGTH SHALL BE 48 INCHES MINIMUM. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING ANY FLARED SIDES. OR THE BLENDED TRANSITION LEADING TO THE LANDING. THE SLOPE OF THE LANDING IN ALL DIRECTIONS SHALL BE 1:48 (2.083%) MAXIMUM. **§11B-406.5.3**
- GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH. **§11B-406.5.6**
- CROSS SLOPE OF CURB RAMPS AND BLENDED TRANSITIONS SHALL BE 1:48 (2.083%) MAXIMUM. **§11B-406.5.7**
- COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 24 INCHES OF THE CURB RAMP SHALL BE STEEPER THAN 1:20 (5%). THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS, AND STREETS SHALL BE AT THE SAME LEVEL. **§11B-406.5.8**
- THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48 INCHES MINIMUM OUTSIDE ACTIVE TRAFFIC LANES OF THE ROADWAY. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48 INCHES MINIMUM CLEAR SPACE WITHIN THE MARKINGS. **§11B-406.5.9**
- CURB RAMPS AND BLENDED TRANSITIONS SHALL HAVE DETECTABLE WARNINGS COMPLYING WITH 11B-705 DETECTABLE WARNINGS. **§11B-406.5.12**
- RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES. THE CURB RAMP WIDTH OF THE ACCESSIBLE ROUTE AT ISLANDS SHALL BE 80 INCHES WIDE MINIMUM. WHERE CURB RAMPS ARE PROVIDED, THEY SHALL COMPLY WITH 11B-405 CURB RAMPS, BLENDED TRANSITIONS AND ISLANDS LANDINGS COMPLYING WITH 11B-406.5

29. PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 96 INCHES WIDE MINIMUM AND 20 FEET LONG MINIMUM §11B-503.2

30. PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE ACCESS AISLES COMPLYING WITH THE FOLLOWING ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICULAR WAY. §11B-503.3

a. ACCESS AISLES SERVING VEHICLE PULL-UP SPACES SHALL BE 60 INCHES WIDE MINIMUM §11B-503.3.1

b. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE VEHICLE PULL-UP SPACES THEY SERVE. §11B-503.3.2

c. ACCESS AISLES SHALL BE MARKED WITH A PAINTED BORDERLINE AROUND THEIR PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH HATCHED LINES A MAXIMUM OF 36 INCHES ON CENTER IN A COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. §11B-503.3.3

31. VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL COMPLY WITH SECTION 11B-302 FLOOR OR GROUND SURFACES. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED. §11B-503.4

32. VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM, AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR EXIT SHALL PROVIDE A VERTICAL CLEARANCE OF 114 INCHES MINIMUM. §11B-503.5

33. EACH PASSENGER-LOADING ZONE DESIGNATED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH A REFLECTORIZED SIGN COMPLYING WITH SECTION 11B-703.5 VISUAL CHARACTERS. IT SHALL BE PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM THE PASSENGER-LOADING ZONE STATING "PASSENGER LOADING ZONE ONLY" AND INCLUDING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) COMPLYING WITH SECTION 11B-703.7.2.1 ISA. §11B-503.6

E.PLUMBING FIXTURES AND FACILITIES

DRINKING FOUNTAINS

1. NO FOUNTAIN WITH TWO DRINKING FOUNTAINS SHALL BE PROVIDED. WHEN PROVIDED, ONE DRINKING FOUNTAIN SHALL COMPLY WITH 11B-602.1 THROUGH 11B-602.6, 11B-602.8 AND 11B-602.9 AND ONE DRINKING FOUNTAIN SHALL COMPLY WITH 11B-602.7 AND 11B-602.9. §11B-211.2 (SEE EXCEPTION)

2. WHERE MORE THAN THE MINIMUM NUMBER OF DRINKING FOUNTAINS SPECIFIED IN 11B-211.2 ARE PROVIDED, 50 PERCENT OF THE TOTAL NUMBER OF DRINKING FOUNTAINS PROVIDED SHALL COMPLY WITH 11B-602.1 THROUGH 11B-602.6, 11B-602.8 AND 11B-602.9 AND 50 PERCENT OF THE TOTAL NUMBER OF DRINKING FOUNTAINS PROVIDED SHALL COMPLY WITH 11B-602.7 AND 11B-602.9. §11B-211.3 (SEE EXCEPTION)

3. DRINKING FOUNTAINS SHALL COMPLY WITH SECTIONS 11B-307 PROTRUDING OBJECTS AND 11B-602 GENERAL REQUIREMENTS. §11B-602.1

4. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 11B-305 CLEAR FLOOR OR GROUND SPACE POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 11B-306 KNEE AND TOE CLEARANCE SHALL BE PROVIDED. §11B-602.2

5. WHERE DRINKING FOUNTAINS ARE USED BY CHILDREN, A PARALLEL APPROACH COMPLYING WITH SECTION 11B-305 CLEAR FLOOR OR GROUND SURFACES SHALL BE PERMITTED AT UNITS WHERE THE SPOUT IS 30 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND AND IS 35" MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. §11B-602.2 (SEE EXCEPTION)

6. SPOUT OUTLETS SHALL BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. §11B-602.4

7. THE SPOUT SHALL BE LOCATED 15 INCHES MINIMUM FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. §11B-602.5

8. THE SPOUT SHALL PROVIDE A FLOW OF WATER INCHES HIGH MINIMUM AND SHALL BE LOCATED 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM. §11B-602.6

9. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. §11B-602.7

10. WALL AND POST-MOUNTED CANTILEVERED DRINKING FOUNTAINS SHALL BE 18 INCHES MINIMUM AND 19 INCHES MAXIMUM IN DEPTH. §11B-602.8

11. ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR OTHERWISE POSITIONED SO AS NOT TO ENCRUSH INTO PEDESTRIAN WAYS. THE PROTECTED AREA WITHIN SUCH A DRINKING FOUNTAIN IS LOCATED SHALL BE 32 INCHES WIDE MINIMUM AND 18 INCHES DEEP MINIMUM. AND SHALL COMPLY WITH SECTION 11B-305.7 MANEUVERING CLEARANCE. WHEN USED, WING WALLS OR BARRIERS SHALL PROTECT HORIZONTALLY AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6 INCHES VERTICALLY FROM THE FLOOR OR GROUND SURFACE. §11B-602.9

TOILET AND BATHING ROOM CLEARANCES

12. WHERE TOILET FACILITIES AND BATHING FACILITIES ARE PROVIDED, THEY SHALL COMPLY WITH 11B-213 TOILET FACILITIES AND BATHING FACILITIES. WHERE TOILET FACILITIES AND BATHING FACILITIES ARE PROVIDED IN FACILITIES PERMITTED BY 11B-206.2.3 MULTI-STORY BUILDINGS AND FACILITIES EXCEPTIONS 1 AND 2 NOT TO CONNECT STORIES BY AN ACCESSIBLE ROUTE, TOILET FACILITIES AND BATHING FACILITIES SHALL BE PROVIDED ON A STORY CONNECTED BY AN ACCESSIBLE ROUTE TO AN ACCESSIBLE ENTRANCE. §11B-213.1

13. WHERE SEPARATE TOILET FACILITIES ARE PROVIDED FOR THE EXCLUSIVE USE OF SEPARATE USER GROUPS, THE TOILET FACILITIES SERVING EACH USER GROUP SHALL COMPLY WITH 11B-213 TOILET FACILITIES AND BATHING FACILITIES. §11B-213.1

14. WHERE TOILET ROOMS ARE PROVIDED, EACH TOILET ROOM SHALL COMPLY WITH 11B-603 TOILET AND BATHING ROOMS. WHERE BATHING ROOMS ARE PROVIDED, EACH BATHING ROOM SHALL COMPLY WITH 11B-603 TOILET AND BATHING ROOMS. §11B-213.2 (SEE EXCEPTION)

15. UNISEX TOILET ROOMS SHALL CONTAIN NOT MORE THAN ONE LAVATORY, AND NOT MORE THAN TWO WATER CLOSETS WITHOUT URINALS OR ONE WATER CLOSET AND ONE URINAL. UNISEX BATHING ROOMS SHALL CONTAIN ONE SHOWER OR ONE SHOWER AND ONE BATHTUB, ONE LAVATORY, AND ONE WATER CLOSET. DOORS TO UNISEX TOILET ROOMS AND UNISEX BATHING ROOMS SHALL HAVE PRIVACY LATCHES. §11B-213.2.1

16. DOOR SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. OTHER THAN THE DOOR TO THE ACCESSIBLE WATER CLOSET COMPARTMENT, A DOOR IN ANY POSITION MAY ENCRUSH INTO THE TURNING SPACE BY 12 INCHES MAXIMUM. §11B-603.2.3

17. AT SINGLE USER TOILET OR BATHING ROOMS, DOORS SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE ONLY IF A 30 INCH BY 48-INCH MINIMUM CLEAR FLOOR SPACE IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING. §11B-603.2.3 (SEE EXCEPTION)

18. MIRRORS LOCATED ABOVE THE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITHIN THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE THE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITHIN THE BOTTOM EDGE OF THE REFLECTING SURFACE 35 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. §11B-603.3

19. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION 11B-308. SHELVES SHALL BE LOCATED 40 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR. MEDICINE CABINETS SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR. §11B-603.4

20. WHERE TOWEL OR SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, OR OTHER ACCESSORIES ARE PROVIDED IN TOILET FACILITIES, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED ON AN ACCESSIBLE ROUTE. ALL OPERABLE PARTS, INCLUDING COIN SLOTS, SHALL BE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR. BABY CHANGING STATIONS ARE NOT REQUIRED TO COMPLY WITH SECTION 11B-603.5 (SEE EXCEPTION). §11B-603.5

21. BATHTUBS SHALL COMPLY WITH SECTION 11B-607 INCLUDING THE REQUIREMENTS FOR CLEARANCES, GRAB BARS, SEATS, CONTROLS, SHOWER SPRAY UNIT AND WATER AND BATHTUB ENCLOSURES.

22. SHOWER COMPARTMENTS SHALL COMPLY WITH SECTION 11B-608 INCLUDING THE REQUIREMENTS FOR CLEARANCES, GRAB BARS, SEATS, CONTROLS, SHOWER SPRAY UNIT AND WATER, THRESHOLDS, SHOWER ENCLOSURES, SHOWER FLOOR OR GROUND SURFACE AND SOAP DISH.

WATER CLOSETS AND TOILET COMPARTMENTS

23. WHERE TOILET COMPARTMENTS ARE PROVIDED, AT LEAST 5 PERCENT BUT NO FEWER THAN ONE TOILET COMPARTMENT SHALL COMPLY WITH SECTION 11B-604.8.1. IN ADDITION TO THE COMPARTMENTS REQUIRED TO COMPLY WITH 11B-604.8.1, WHERE SIX OR MORE TOILET COMPARTMENTS ARE PROVIDED, OR WHERE THE COMBINATION OF URINALS AND WATER CLOSETS TOTALS SIX OR MORE FIXTURES, TOILET COMPARTMENTS COMPLYING WITH SECTION 11B-604.8.2 SHALL BE PROVIDED IN THE SAME QUANTITY AS THE TOILET COMPARTMENTS REQUIRED TO COMPLY WITH SECTION 11B-604.8.1 §11B-213.1

24. WHERE WATER CLOSETS ARE PROVIDED, AT LEAST 5 PERCENT BUT NO FEWER THAN ONE SHALL COMPLY WITH SECTION 11B-604 §11B-213.2

25. THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 17 INCHES MINIMUM TO 18 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION. EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN SECTION 11B-604.8.2 AMBULATORY ACCESSIBLE COMPARTMENTS. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH. §11B-604.2

26. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE SIDEWALL AND 56 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL. A MINIMUM 60 INCHES WIDE AND 48 INCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. §11B-604.3.1

27. THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG THE RETURN TO A LIFTED POSITION. SEATS SHALL BE 2 INCHES HIGH MAXIMUM AND A 3-INCH HIGH SEAT SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15 INCHES HIGH. §11B-604.4 (SEE EXCEPTION FOR RESIDENTIAL UNITS)

28. THE SIDEWALL GRAB BARS SHALL BE 42 INCHES LONG MINIMUM. LOCATED 12 INCHES MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES MINIMUM FROM THE REAR WALL WITH THE FRONT END POSITIONED 24 INCHES MINIMUM IN FRONT OF THE WATER CLOSET. §11B-604.5.1

29. THE REAR GRAB BAR SHALL BE 36 INCHES LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES MINIMUM ON ONE SIDE AND 24 INCHES MINIMUM ON THE OTHER SIDE. §11B-604.5.2 (SEE EXCEPTION)

30. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309.4 OPERATION EXCEPT THEY SHALL BE LOCATED 44 INCHES MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 11B-604.8.2 AMBULATORY ACCESSIBLE

COMPARTMENTS §11B-604.6

31. TOILET PAPER DISPENSERS SHALL COMPLY WITH SECTION 11B-309.4 OPERATION AND SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE BELOW THE GRAB BAR, 19 INCHES MINIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND THE GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW. §11B-604.7

32. WHEELCHAIR ACCESSIBLE TOILET COMPARTMENTS SHALL MEET THE REQUIREMENTS OF SECTIONS 11B-604.8.1 WHEELCHAIR ACCESSIBLE COMPARTMENTS AND 11B-604.8.3 COAT HOOKS AND SHELVES. COMPARTMENTS CONTAINING MORE THAN ONE PLUMBING FIXTURE SHALL COMPLY WITH SECTION 11B-603 TOILET AND BATHING ROOMS. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL COMPLY WITH SECTIONS 11B-604.8.2 AMBULATORY ACCESSIBLE COMPARTMENTS AND 11B-604.8.3 COAT HOOKS AND SHELVES. §11B-604.8

33. IN A WHEELCHAIR ACCESSIBLE COMPARTMENT WITH AN IN-SWING DOOR, A MINIMUM 60 INCHES WIDE BY 36 INCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE CLEARANCE REQUIRED IN SECTION 11B-604.8.1.1 WHEELCHAIR ACCESSIBLE COMPARTMENT SIZE. §11B-604.8.1.1.1, FIGURES 11B-604.8.1.1.2(a) AND 11B-604.8.1.1.2(b)

34. IN A WHEELCHAIR ACCESSIBLE COMPARTMENT WITH A DOOR LOCATED IN THE SIDE WALL OR PARTITION, EITHER IN-SWINGING OR OUT-SWINGING, A MINIMUM 60 INCHES WIDE AND 60 INCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. §11B-604.8.1.1.2 FIGURE 11B-604.8.1.1.2

35. IN A WHEEL CHAIR ACCESSIBLE COMPARTMENT WITH END-OPENING DOOR LOCATED IN THE FRONT WALL OR PARTITION (FACING WATER CLOSET), EITHER IN-SWINGING OR OUT-SWINGING, A MINIMUM 60 INCHES WIDE AND 48 INCHES DEEP MANEUVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. §11B-604.8.1.1.3 FIGURE 11B-604.8.1.1.3

36. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH SECTION 11B-404 DOORS, DOORWAYS, AND GATES EXCEPT THAT IF THE APPROACH IS FROM THE PUSH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 48 INCHES MINIMUM MEASURED PERPENDICULAR TO THE COMPARTMENT DOOR IN ITS CLOSED POSITION. DOOR SHALL BE LOCATED IN FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. §11B-604.8.1.2

37. WHERE TOILET COMPARTMENT DOORS ARE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE SIDEWALL OR PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE FRONT PARTITION AND THE DOOR SHALL BE SELF-CLOSING. §11B-604.8.1.2

38. A DOOR PULL COMPLYING WITH SECTION 11B-404.2.7 DOOR AND GATE HARDWARE SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. DOOR SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS MAY SWING INTO THAT PORTION OF THE MANEUVERING SPACE WHICH DOES NOT OVERLAP THE CLEARANCE REQUIRED AT A WATER CLOSET. §11B-604.8.1.2 (SEE EXCEPTION)

39. AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES MINIMUM ABOVE THE FINISH FLOOR AND 8 INCHES DEEP MINIMUM BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION. EXCLUSIVE OF PARTITION SUPPORT MEMBERS, PARTITION COMPONENTS AT TOE CLEARANCES SHALL BE SMOOTH WITHOUT SHARP EDGES OR ABRASIVE SURFACES. COMPARTMENTS FOR CHILDREN'S USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES MINIMUM ABOVE THE FINISH FLOOR. §11B-604.8.1.4

40. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 35 INCHES MINIMUM AND 37 INCHES MAXIMUM. §11B-604.8.2.1

41. WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE SHALL COMPLY WITH SECTION 11B-604.9 WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE AND FOLLOW SUGGESTED DIMENSIONS ON TABLE 11B-604.9. §11B-604.9

42. WHERE URINALS ARE PROVIDED, AT LEAST 10 PERCENT BUT NO FEWER THAN ONE SHALL COMPLY WITH SECTION 11B-605. §11B-213.3.2

43. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13½ INCHES DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE. §11B-605.2

44. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 11B-309 OPERABLE PARTS EXCEPT THAT THE FLUSH CONTROL SHALL BE MOUNTED AT A MAXIMUM HEIGHT OF 44 INCHES ABOVE THE FINISH FLOOR. §11B-605.4

45. WHERE LAVATORIES ARE PROVIDED, AT LEAST 10 PERCENT BUT NO FEWER THAN ONE SHALL COMPLY WITH SECTION 11B-606 AND SHALL NOT BE LOCATED IN A TOILET COMPARTMENT. §11B-213.3.4, §11B-606.1

46. FOR LAVATORIES AND SINKS, A CLEAR FLOOR SPACE COMPLYING WITH SECTION 11B-305 CLEAR FLOOR OR GROUND SURFACES FOR APPROACH AND MANEUVERING SHALL BE PROVIDED. THE CLEARANCE COMPLYING WITH SECTION 11B-306 KNEE AND TOE CLEARANCE SHALL BE PROVIDED. §11B-606.2

47. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. §11B-606.3

SIGNS RELATED TO TOILETS AND BATHING FACILITIES

48. ENTRANCES LEADING TO TOILET ROOMS AND BATHING ROOMS COMPLYING WITH 11B-603 TOILET AND BATHING ROOMS SHALL BE IDENTIFIED BY A GEOMETRIC SYMBOL COMPLYING WITH 11B-703.2.6 TOILET AND BATHING ROOM GEOMETRIC SYMBOLS. WHERE EXISTING TOILET ROOMS OR BATHING ROOMS DO NOT COMPLY WITH 11B-603 TOILET AND BATHING ROOMS, DIRECTIONAL SIGNS INDICATING THE LOCATION OF THE NEAREST COMPLIANT TOILET ROOM OR BATHING ROOM WITHIN THE FACILITY SHALL BE PROVIDED. SIGNS SHALL COMPLY WITH 11B-703.5 VISUAL CHARACTERS AND SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.7.2.1 ISA. WHERE EXISTING TOILET ROOMS OR BATHING ROOMS DO NOT COMPLY WITH 11B-603 TOILET AND BATHING ROOMS, THE TOILET ROOMS OR BATHING ROOMS COMPLYING WITH 11B-603 TOILET AND BATHING ROOMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.7.2.1 ISA. WHERE CLUSTERED SINGLE USER TOILET ROOMS OR BATHING FACILITIES ARE PERMITTED TO USE EXCEPTIONS TO 11B-213.2 TOILET AND BATHING ROOMS, TOILET ROOMS OR BATHING FACILITIES COMPLYING WITH 11B-603 TOILET AND BATHING ROOMS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.7.2.1 ISA UNLESS ALL TOILET ROOMS AND BATHING FACILITIES COMPLY WITH 11B-603 TOILET AND BATHING ROOMS. EXISTING BUILDINGS THAT HAVE BEEN REMODELED TO PROVIDE SPECIFIC TOILET ROOMS OR BATHING ROOMS FOR PUBLIC USE THAT COMPLY WITH THESE BUILDING STANDARDS SHALL HAVE THE LOCATION OF AND THE DIRECTIONS TO THESE ROOMS POSTED IN OR NEAR THE BUILDING LOBBY OR ENTRANCE ON A SIGN COMPLYING WITH 11B-703.5 VISUAL CHARACTERS, INCLUDING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH 11B-703.7.2.1 ISA. §11B-216.8

49. PICTOGRAMS SHALL COMPLY WITH THE FOLLOWING:

a. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD. §11B-703.6.1

b. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD. §11B-703.6.2

c. PICTOGRAMS SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. TEXT DESCRIPTORS SHALL COMPLY WITH 11B-703.3 RAISED CHARACTERS, 11B-703.3 BRAILLE AND 11B-703.4 INSTALLATION HEIGHT AND LOCATION. §11B-703.6.3

d. THE INSTALLATION HEIGHT AND LOCATION OF PICTOGRAM SIGNS SHALL BE PER §11B-703.4.1.

50. SYMBOLS SHALL COMPLY WITH THE FOLLOWING:

a. DOORWAYS LEADING TO TOILET ROOMS AND BATHING ROOMS SHALL BE IDENTIFIED BY A GEOMETRIC SYMBOL COMPLYING WITH 11B-703.7.2.6 TOILET AND BATHING FACILITIES GEOMETRIC SYMBOLS. THE SYMBOL SHALL BE MOUNTED AT 58 INCHES MINIMUM AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED FROM THE CENTERLINE OF THE SYMBOL. WHERE THE DOOR IS PROVIDED THE SYMBOL SHALL BE MOUNTED WITHIN 1 INCH OF THE VERTICAL CENTERLINE OF THE DOOR. §11B-703.7.2.6 (SEE EXCEPTION)

b. MEN'S TOILET AND BATHING FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE, ¼ INCH THICK WITH EDGES 12 INCHES LONG AND A VERTEX POINTING UPWARD. THE TRIANGLE SYMBOL SHALL CONTRAST WITH THE DOOR, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. §11B-703.7.2.6.1

c. WOMEN'S TOILET AND BATHING FACILITIES SHALL BE IDENTIFIED BY A CIRCLE, ¼ INCH THICK AND 12 INCHES IN DIAMETER. THE CIRCLE SYMBOL SHALL CONTRAST WITH THE DOOR, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. §11B-703.7.2.6.2

d. UNISEX TOILET AND BATHING FACILITIES SHALL BE IDENTIFIED BY A CIRCLE, ¼ INCH THICK AND 12 INCHES IN DIAMETER WITH A ¼ INCH THICK TRIANGLE WITH A VERTEX POINTING UPWARD SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12-INCH DIAMETER. THE TRIANGLE SYMBOL SHALL CONTRAST WITH THE CIRCLE SYMBOL. EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. THE CIRCLE SYMBOL SHALL CONTRAST WITH THE DOOR, EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. §11B-703.7.2.6.3

WASHING MACHINE AND CLOTHES DRYERS

51. WASHING MACHINES AND CLOTHES DRYER'S OPERABLE PARTS MUST COMPLY WITH SECTION 11B-309 OPERABLE PARTS. §11B-611.3

52. TOP LOADING MACHINES SHALL HAVE THE DOOR TO THE LAUNDRY COMPARTMENT LOCATED 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. FRONT LOADING MACHINES SHALL HAVE THE BOTTOM OF THE OPENING OF THE LAUNDRY COMPARTMENT LOCATED 15 INCHES MINIM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. §11B-611.4

F.COMMUNICATION ELEMENTS AND FEATURES

FIRE ALARM SYSTEMS

1. WHERE FIRE ALARM SYSTEMS AND CARBON MONOXIDE ALARM SYSTEMS PROVIDE AUDIBLE ALARM COVERAGE, ALARMS SHALL COMPLY WITH 11B-215 FIRE ALARM SYSTEMS. §11B-215.1 (SEE EXCEPTION)

2. ALARMS IN PUBLIC USE AREAS AND COMMON USE AREAS SHALL COMPLY WITH 702 CHAPTER 9, SECTION 907.5.2.3.1. §11B-215.2

3. WHERE EMPLOYEE WORK AREAS HAVE AUDIBLE ALARM COVERAGE, THE WIRING SYSTEM SHALL BE DESIGNED SO THAT VISIBLE ALARMS COMPLYING WITH 702 CHAPTER 9, SECTION 907.5.2.3.2 CAN BE INTEGRATED INTO THE ALARM SYSTEM. §11B-215.3

4. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (1999 OR 2002 EDITION) (INCORPORATED BY REFERENCE. SEE "REFERENCED STANDARDS" IN CHAPTER 1), EXCEPT THAT THE MAXIMUM ALLOWABLE SOUND LEVEL OF AUDIBLE NOTIFICATION APPLIANCES COMPLYING WITH SECTION 4-3.2.1 OF NFPA 72 (1999 EDITION) SHALL HAVE A SOUND LEVEL NO MORE THAN 110 DB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. IN ADDITION, ALARMS IN GUEST ROOMS REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH SECTIONS 4-3 AND 4.4 OF NFPA 72 (1999 EDITION) OR SECTIONS 7.4 AND 7.5 OF NFPA 72 (2002 EDITION), AND CHAPTER 9, SECTIONS 907.5.2.1

4. (CONT), AND 907.5.2.3 §11B-702.1

ASSISTIVE LISTENING SYSTEMS

5. ASSISTIVE LISTENING SYSTEMS SHALL BE PROVIDED IN ASSEMBLY AREAS, INCLUDING CONFERENCE AND MEETING ROOMS, USED FOR THE PURPOSE OF ENTERTAINMENT, EDUCATIONAL OR CIVIC GATHERINGS, OR SIMILAR PURPOSES. §202, §11B-219.2

NOTE: ASSEMBLY AREAS INCLUDE, BUT ARE NOT LIMITED TO, CLASSROOMS, LECTURE HALLS, COURTROOMS, PUBLIC MEETING ROOMS, PUBLIC HEARING ROOMS, LEGISLATIVE CHAMBERS, MOTION PICTURE HOUSES, AUDITORIUMS, THEATERS, PLAYHOUSES, DINNER THEATERS, CONCERT HALLS, CENTERS FOR THE PERFORMING ARTS, AMPHITHEATERS, ARENAS, STADIUMS, GRANDSTANDS, OR CONVENTION CENTERS. §202, §11B-219.2

6. ASSISTIVE LISTENING SYSTEMS SHALL PROVIDE AN AMPLIFICATION SYSTEM UTILIZING TRANSMITTERS, RECEIVERS, AND COUPLING DEVICES TO BYPASS THE ACOUSTICAL SPACE BETWEEN A SOUND SOURCE AND A LISTENER BY MEANS OF INDUCTION LOOP, RADIO FREQUENCY, INFRARED, OR DIRECT-WIRED EQUIPMENT. §202

7. PROVIDE () ASSISTIVE LISTENING SYSTEMS. AMINIMUM NUMBER OF RECEIVERS EQUAL TO 4 PERCENT OF THE TOTAL NUMBER OF SEATS, BUT IN NO CASE LESS THAN TWO. §11B-219.3

8. WHERE A BUILDING CONTAINS MORE THAN ONE ASSEMBLY AREA UNDER ONE MANAGEMENT, THE TOTAL NUMBER OF REQUIRED RECEIVERS MAY BE CALCULATED USING THE TOTAL NUMBER OF SEATS IN THE ASSEMBLY AREAS PROVIDED THAT ALL RECEIVERS ARE USABLE WITH ALL SYSTEMS. §11B-219.3 (SEE EXCEPTION)

9. TWENTY-FIVE PERCENT MINIMUM OF RECEIVERS PROVIDED FOR ASSISTIVE LISTENING SYSTEMS, BUT NO FEWER THAN TWO, SHALL BE HEARING-AID COMPATIBLE WITH EXCEPT WHEN ALL SEATS IN AN ASSEMBLY AREA ARE SERVED BY MEANS OF AN INDUCTION LOOP. §11B-219.3

10. WHEN ASSISTIVE LISTENING SYSTEMS ARE LIMITED TO SPECIFIC AREAS OR SEATS, SUCH AREAS OR SEATS SHALL BE WITHIN A 50-FOOT VIEWING DISTANCE OF THE STAGE OR PLAYING AREA AND SHALL HAVE A COMPLETE VIEW OF THE STAGE OR PLAYING AREA. §11B-219.4

11. PERMANENTLY INSTALLED ASSISTIVE-LISTENING SYSTEMS ARE REQUIRED IN AREAS IF (1) THEY HAVE FIXED SEATING AND (2A) THEY ACCOMMODATE AT LEAST 50 PERSONS OR (2B) THEY HAVE AUDIO-AMPLIFICATION SYSTEMS, EXCEPT THOSE USED EXCLUSIVELY FOR PAGING AND/OR BACKGROUND MUSIC. §11B-219.2, §11B-219.5

12. PORTABLE ASSISTIVE-LISTENING SYSTEMS MAY SERVE MORE THAN ONE CONFERENCE OR MEETING ROOMS IF AN ADEQUATE NUMBER OF ELECTRICAL OUTLETS OR OTHER SUPPLEMENTARY WIRING IS PROVIDED AND PERMANENTLY INSTALLED SYSTEMS ARE NOT REQUIRED. §11B-219.5

13. RECEIVERS REQUIRED FOR USE WITH AN ASSISTIVE LISTENING SYSTEM SHALL INCLUDE A 1/8 INCH STANDARD MONO JACK. §11B-706.2

14. RECEIVERS REQUIRED TO BE HEARING AID COMPATIBLE SHALL INTERFACE WITH TELECOILS IN HEARING AIDS THROUGH THE PROVISION OF NECK LOOPS. §11B-706.3

15. ASSISTIVE LISTENING SYSTEMS SHALL BE CAPABLE OF PROVIDING A SOUND PRESSURE LEVEL FROM 110 - 118 DB WITH A DYNAMIC RANGE ON THE VOLUME CONTROL OF 50 DB. §11B-706.4

16. SIGNAL-TO-NOISE RATIO FOR INTERNALLY GENERATED NOISE IN ASSISTIVE LISTENING SYSTEMS SHALL BE 18 DB MINIMUM. §11B-706.5

17. PEAK CLIPPING SHALL NOT EXCEED 18 DB OF CLIPPING RELATIVE TO THE PEAKS OF SPEECH. §11B-706.6

TWO-WAY COMMUNICATION SYSTEMS

18. TWO-WAY COMMUNICATION SYSTEMS THAT ARE PROVIDED TO GAIN ADMITTANCE TO A BUILDING OR FACILITY OR TO RESTRICTED AREAS WITHIN A BUILDING OR FACILITY SHALL PROVIDE BOTH AUDIBLE AND VISUAL SIGNALS. HANDSET CORDS, IF PROVIDED, SHALL BE 29 INCHES LONG MINIMUM. §11B-230.1, §11B-708

19. COMMON USE OR PUBLIC USE SYSTEM INTERFACE OF COMMUNICATIONS SYSTEMS BETWEEN A RESIDENTIAL DWELLING UNIT AND A SITE, BUILDING, OR FLOOR ENTRANCE SHALL INCLUDE THE CAPABILITY OF SUPPORTING VOICE AND TTY COMMUNICATION WITH THE RESIDENTIAL DWELLING UNIT INTERFACE. §11B-708.4.1

20. RESIDENTIAL DWELLING UNIT SYSTEM INTERFACE OF COMMUNICATIONS SYSTEMS BETWEEN A RESIDENTIAL DWELLING UNIT AND A SITE, BUILDING, OR FLOOR ENTRANCE SHALL INCLUDE A TELEPHONE JACK CAPABLE OF SUPPORTING VOICE AND TTY COMMUNICATION WITH THE COMMON USE OR PUBLIC USE SYSTEM INTERFACE. §11B-708.4.2

TELEPHONES

21. WHERE COIN-OPERATED PUBLIC PAY TELEPHONES, COIN LESS PUBLIC PAY TELEPHONES, PUBLIC CLOSED-CIRCUIT TELEPHONES, PUBLIC COURTESY PHONES, OR OTHER TYPES OF PUBLIC TELEPHONES ARE PROVIDED, PUBLIC TELEPHONES SHALL BE PROVIDED IN ACCORDANCE WITH 11B-217 TELEPHONES FOR EACH TYPE OF PUBLIC TELEPHONE PROVIDED FOR PURPOSES OF THIS SECTION, A BANK OF TELEPHONES SHALL BE CONSIDERED TO BE TWO OR MORE ADJACENT TELEPHONES. §11B-217.1

22. EXCEPT DRIVE-UP ONLY PUBLIC TELEPHONES, WHERE PUBLIC TELEPHONES ARE PROVIDED, WHEELCHAIR ACCESSIBLE TELEPHONES COMPLYING WITH 11B-704.2 SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 11B-217.2. §11B-217.2

23. PROVIDE () WHEELCHAIR ACCESSIBLE TELEPHONES IN ACCORDANCE WITH TABLE 11B-217.2

24. ALL PUBLIC TELEPHONES SHALL HAVE VOLUME CONTROLS COMPLYING WITH 11B-704.3. §11B-217.3

25. TTY'S COMPLYING WITH 11B-704.4 SHALL BE PROVIDED IN ACCORDANCE WITH 11B-217.4

26. WHERE A BANK OF TELEPHONES IN THE INTERIOR OF A BUILDING CONSISTS OF THREE OR MORE PUBLIC PAY TELEPHONES, AT LEAST ONE PUBLIC PAY TELEPHONE AT THE BANK SHALL BE PROVIDED WITH A SHELF AND AN ELECTRICAL OUTLET IN ACCORDANCE WITH 11B-704.5. §11B-217.5 (SEE EXCEPTION)

G. SPECIAL ROOMS, SPACES, AND ELEMENTS

KITCHENS, KITCHENETTES AND WET BARS

1. SINKS SHALL COMPLY WITH 11B-606 LAVATORIES AND SINKS. §11B-604.4

4. (CONT), AND 907.5.2.3 §11B-702.1

ASSISTIVE LISTENING SYSTEMS

5. ASSISTIVE LISTENING SYSTEMS SHALL BE PROVIDED IN ASSEMBLY AREAS, INCLUDING CONFERENCE AND MEETING ROOMS, USED FOR THE PURPOSE OF ENTERTAINMENT, EDUCATIONAL OR CIVIC GATHERINGS, OR SIMILAR PURPOSES. §202, §11B-219.2

NOTE: ASSEMBLY AREAS INCLUDE, BUT ARE NOT LIMITED TO, CLASSROOMS, LECTURE HALLS, COURTROOMS, PUBLIC MEETING ROOMS, PUBLIC HEARING ROOMS, LEGISLATIVE CHAMBERS, MOTION PICTURE HOUSES, AUDITORIUMS, THEATERS, PLAYHOUSES, DINNER THEATERS, CONCERT HALLS, CENTERS FOR THE PERFORMING ARTS, AMPHITHEATERS, ARENAS, STADIUMS, GRANDSTANDS, OR CONVENTION CENTERS. §202, §11B-219.2

6. ASSISTIVE LISTENING SYSTEMS SHALL PROVIDE AN AMPLIFICATION SYSTEM UTILIZING TRANSMITTERS, RECEIVERS, AND COUPLING DEVICES TO BYPASS THE ACOUSTICAL SPACE BETWEEN A SOUND SOURCE AND A LISTENER BY MEANS OF INDUCTION LOOP, RADIO FREQUENCY, INFRARED, OR DIRECT-WIRED EQUIPMENT. §202

7. PROVIDE () ASSISTIVE LISTENING SYSTEMS. AMINIMUM NUMBER OF RECEIVERS EQUAL TO 4 PERCENT OF THE TOTAL NUMBER OF SEATS, BUT IN NO CASE LESS THAN TWO. §11B-219.3

8. WHERE A BUILDING CONTAINS MORE THAN ONE ASSEMBLY AREA UNDER ONE MANAGEMENT, THE TOTAL NUMBER OF REQUIRED RECEIVERS MAY BE CALCULATED USING THE TOTAL NUMBER OF SEATS IN THE ASSEMBLY AREAS PROVIDED THAT ALL RECEIVERS ARE USABLE WITH ALL SYSTEMS. §11B-219.3 (SEE EXCEPTION)

9. TWENTY-FIVE PERCENT MINIMUM OF RECEIVERS PROVIDED FOR ASSISTIVE LISTENING SYSTEMS, BUT NO FEWER THAN TWO, SHALL BE HEARING-AID COMPATIBLE WITH EXCEPT WHEN ALL SEATS IN AN ASSEMBLY AREA ARE SERVED BY MEANS OF AN INDUCTION LOOP. §11B-219.3

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KITCHENS, KITCHENETTES AND WET BARS

1. SINKS SHALL COMPLY WITH 11B-606 LAVATORIES AND SINKS. §11B-604.4

EDWIN MOHABIR

EM

ARCHITECT, INC.

25206 BISHOP CT.
STEVENSON RANCH, CA 91381

tel: 323-4598809 edwinmohabir@gmail.com



A PROJECT FOR:

Options For Youth
Public Charter Schools

1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:

LUPINE

CONSTRUCTION & DEVELOPMENT

715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED

This set of plans & specifications must be kept on the job at all times until the building is completed. Any changes or alterations to these plans without written permission from Building & Safety Department will be at the owner's risk. The stamping of these plans and specifications shall not be held to permit or be an approval of any provision of any provision of any City Ordinance or State Law.

Date: _____
Signature: _____

PROJECT DATA	
DATE	01-19-26
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-

ACCESSIBILITY DETAILS FOR DOORS, MANEUVERING SPACES & ROUTES

UNLESS SPECIFICALLY STATED OTHERWISE, FIGURES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. (11B-104.3 FIGURES)

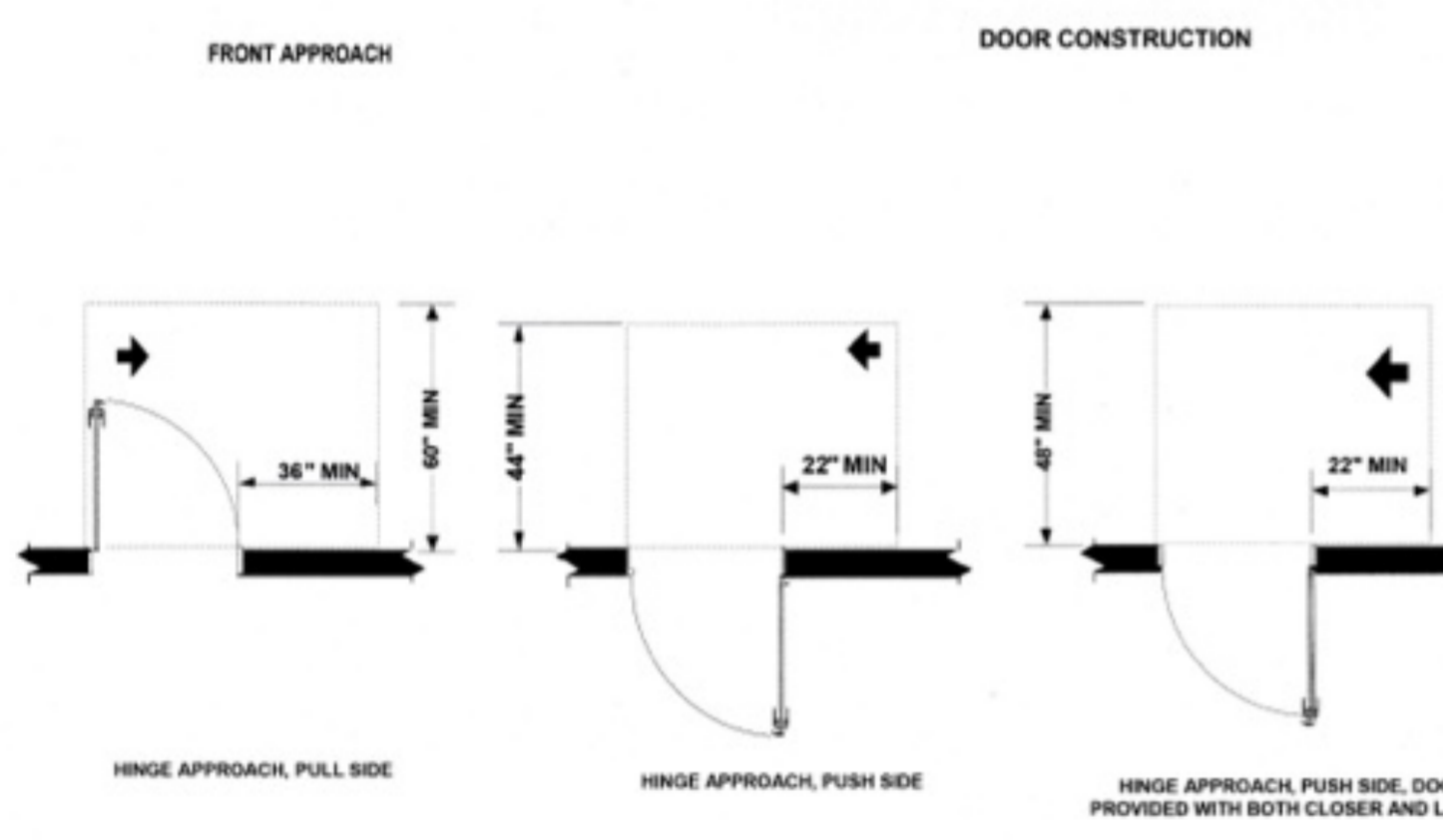
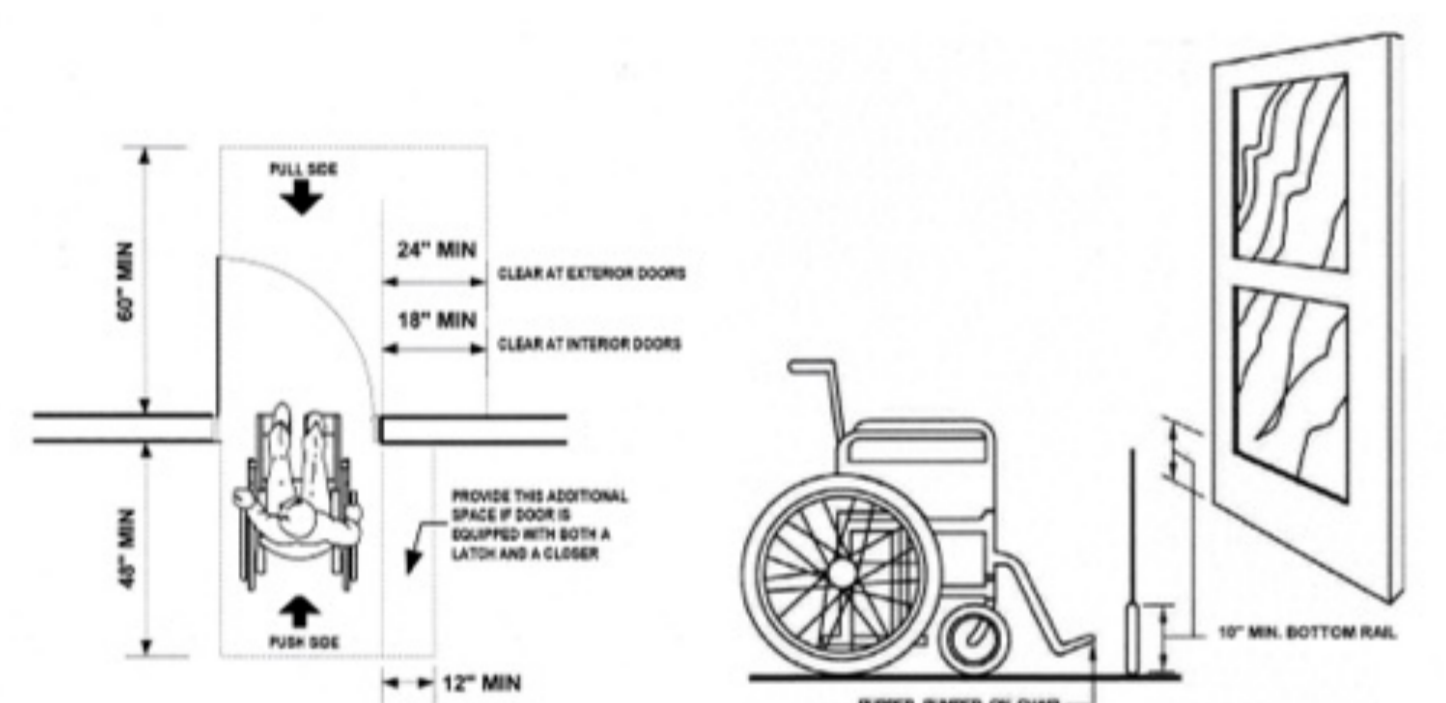
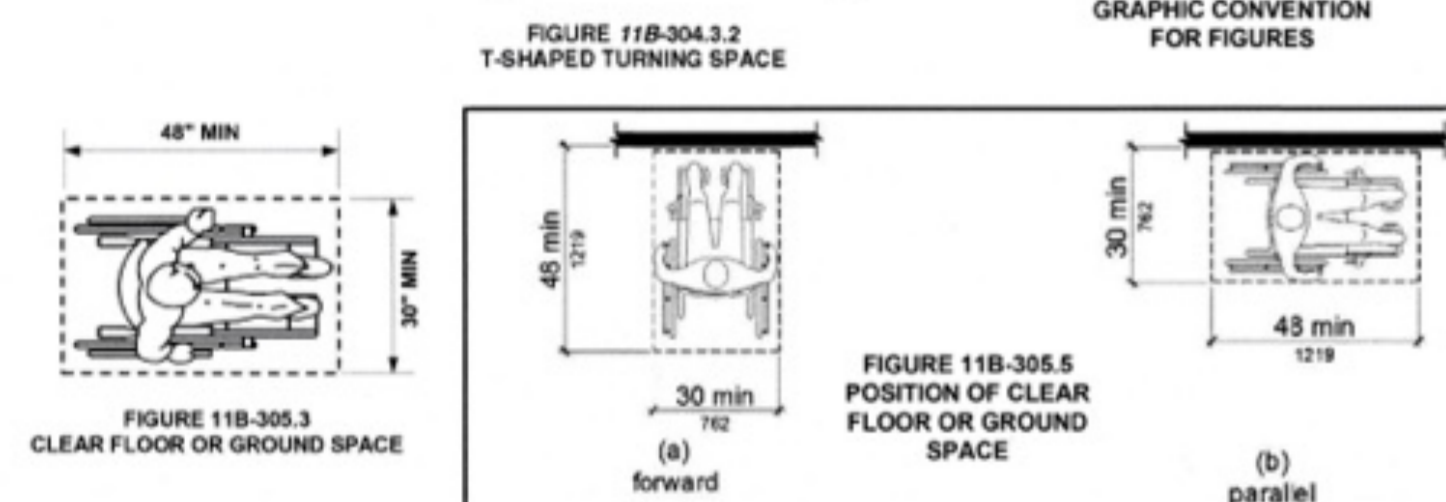
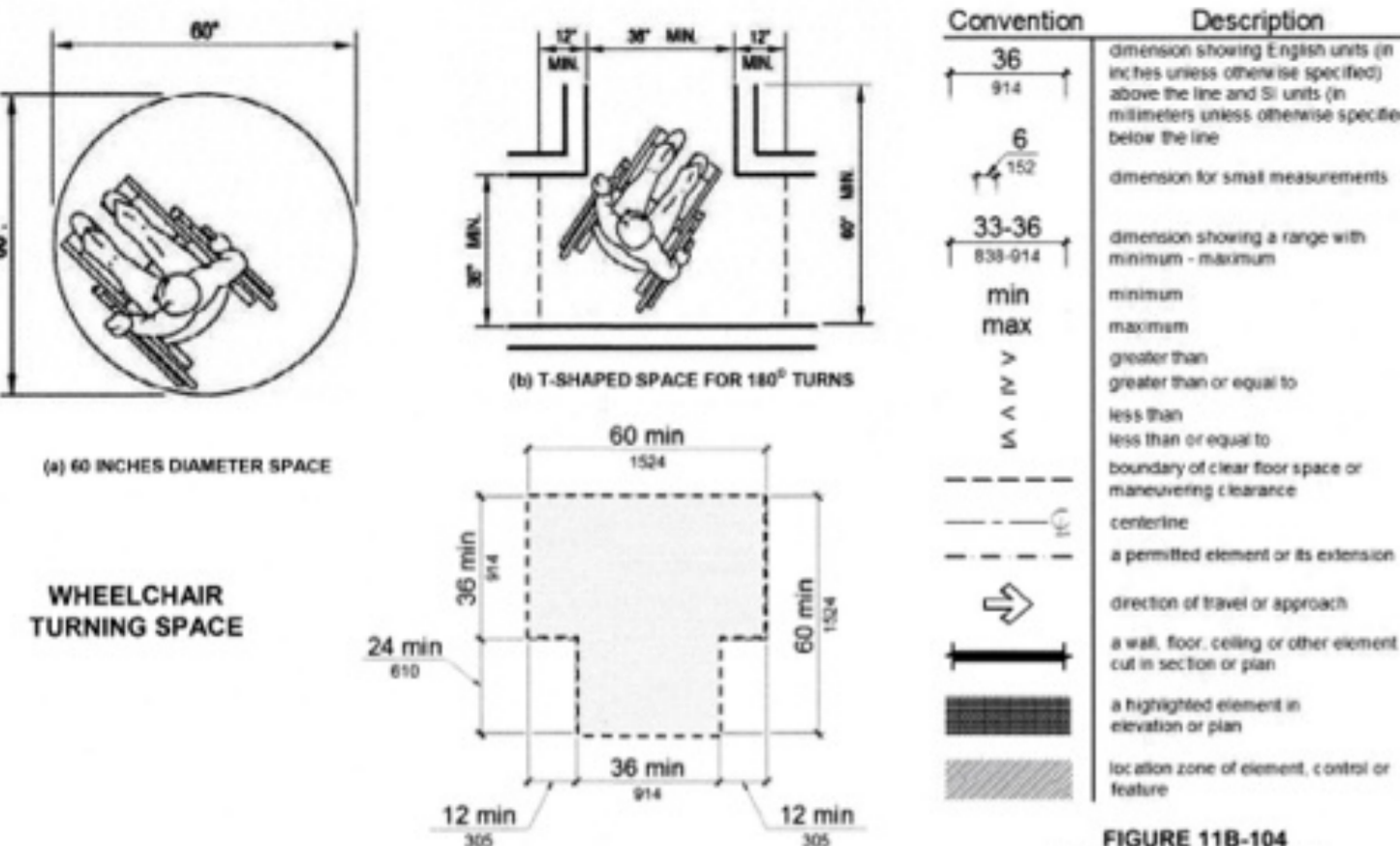


FIGURE 11B-404.2.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

DOORS & MANEUVERING SPACE

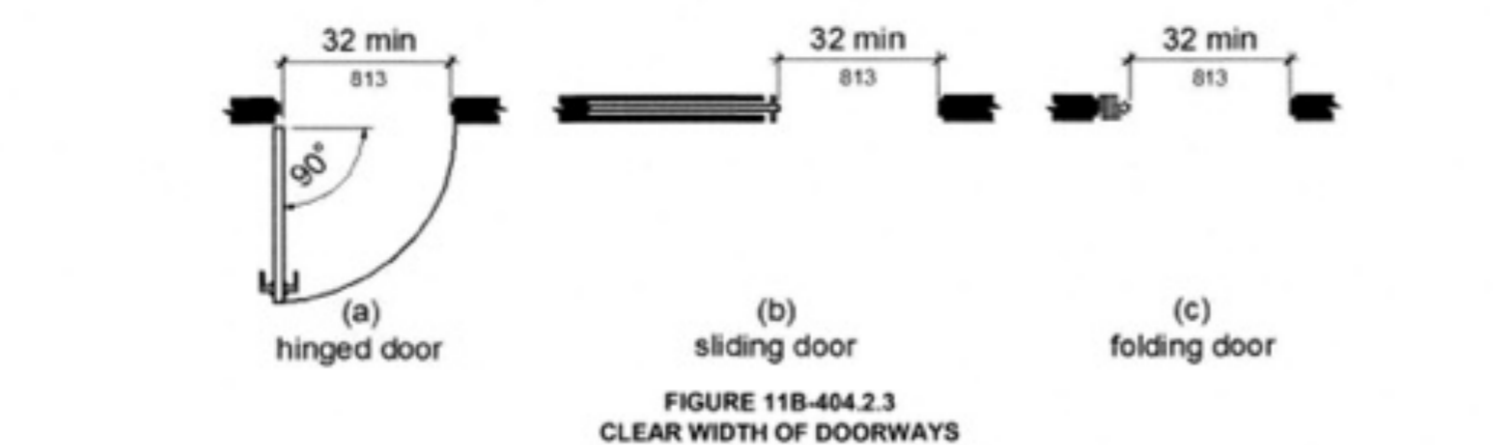
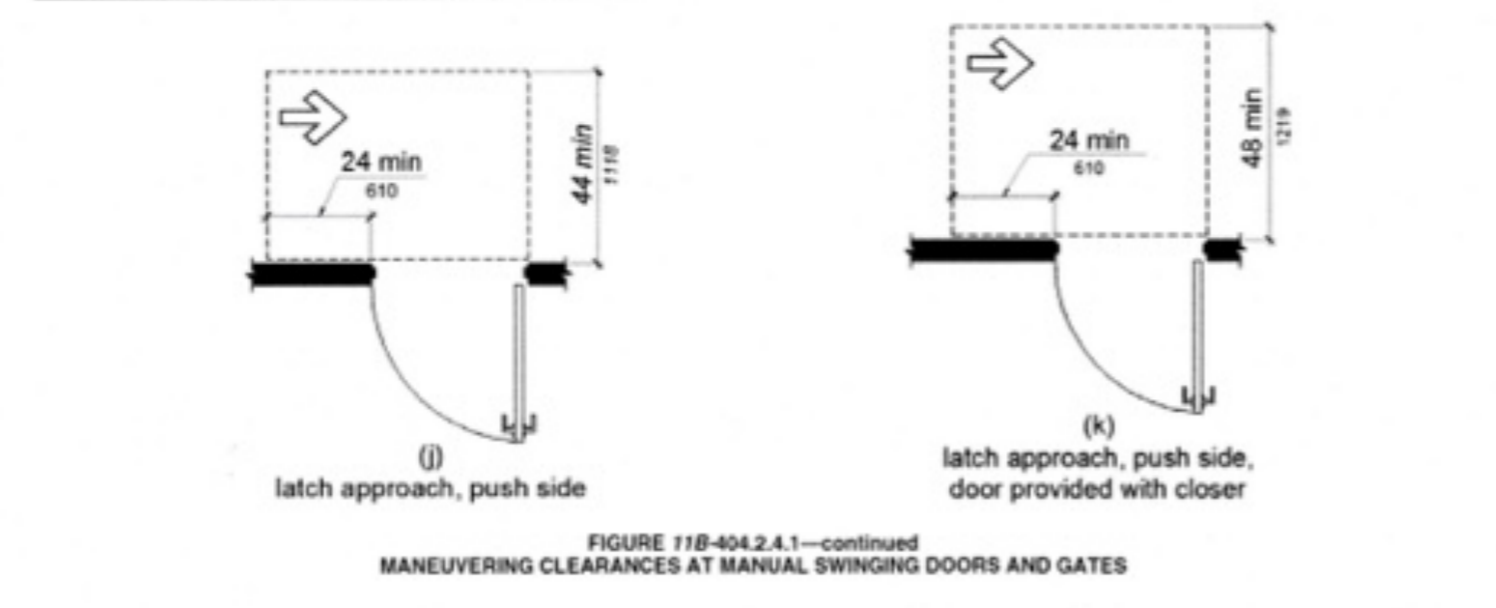


TABLE 11B-404.2.3
MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

TYPE OF USE	MINIMUM MANEUVERING CLEARANCE	
	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (beyond latch side unless noted)
From front	Pull	60 inches
From front	Push	48 inches
From hinge side	Pull	60 inches
From hinge side	Push	44 inches
From latch side	Pull	60 inches
From latch side	Push	44 inches

1. ADD 12 INCHES IF CLOSER AND LATCH ARE PROVIDED.
2. ADD 4 INCHES IF CLOSER AND LATCH ARE PROVIDED.
3. BEYOND HINGE SIDE.
4. ADD 4 INCHES IF CLOSER IS PROVIDED.
5. ADD 6 INCHES AT EXTERIOR SIDE OF EXTERIOR DOORS.
6. ADD 6 INCHES AT EXTERIOR SIDE OF EXTERIOR DOORS.

DOORS & MANEUVERING SPACE

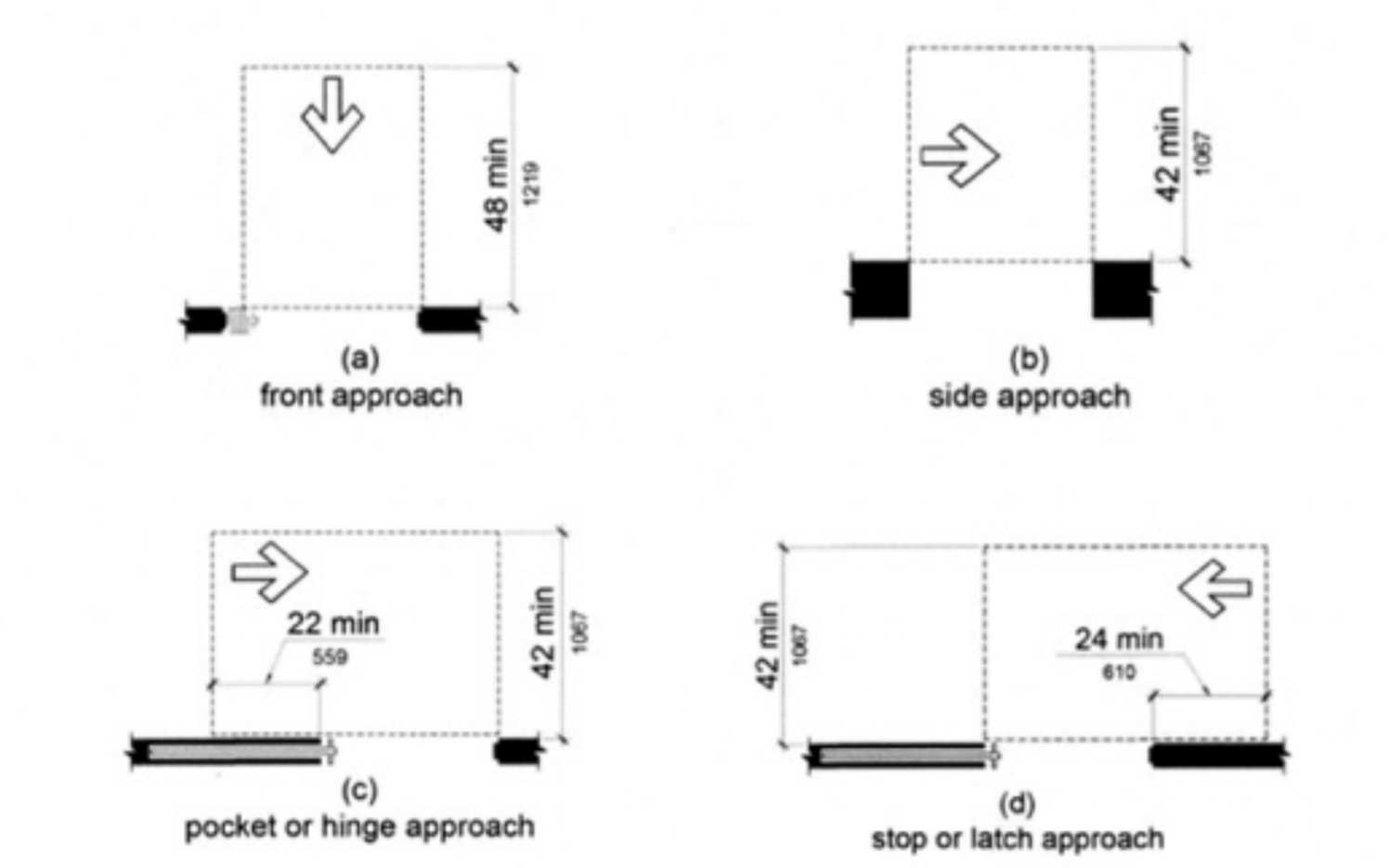


TABLE 11B-404.2.2
MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES, AND FOLDING DOORS

Approach direction	MINIMUM MANEUVERING CLEARANCE	
	Perpendicular to doorway	Parallel to doorway (beyond stop/latch side unless noted)
From Front	48 inches	0 inches
From Side ¹	42 inches	0 inches
From pocket/hinge side	42 inches	22 inches
From stop/latch side	42 inches	24 inches

1. Doorway with no door only.
2. Beyond pocket/hinge side.

DOORS & MANEUVERING SPACE

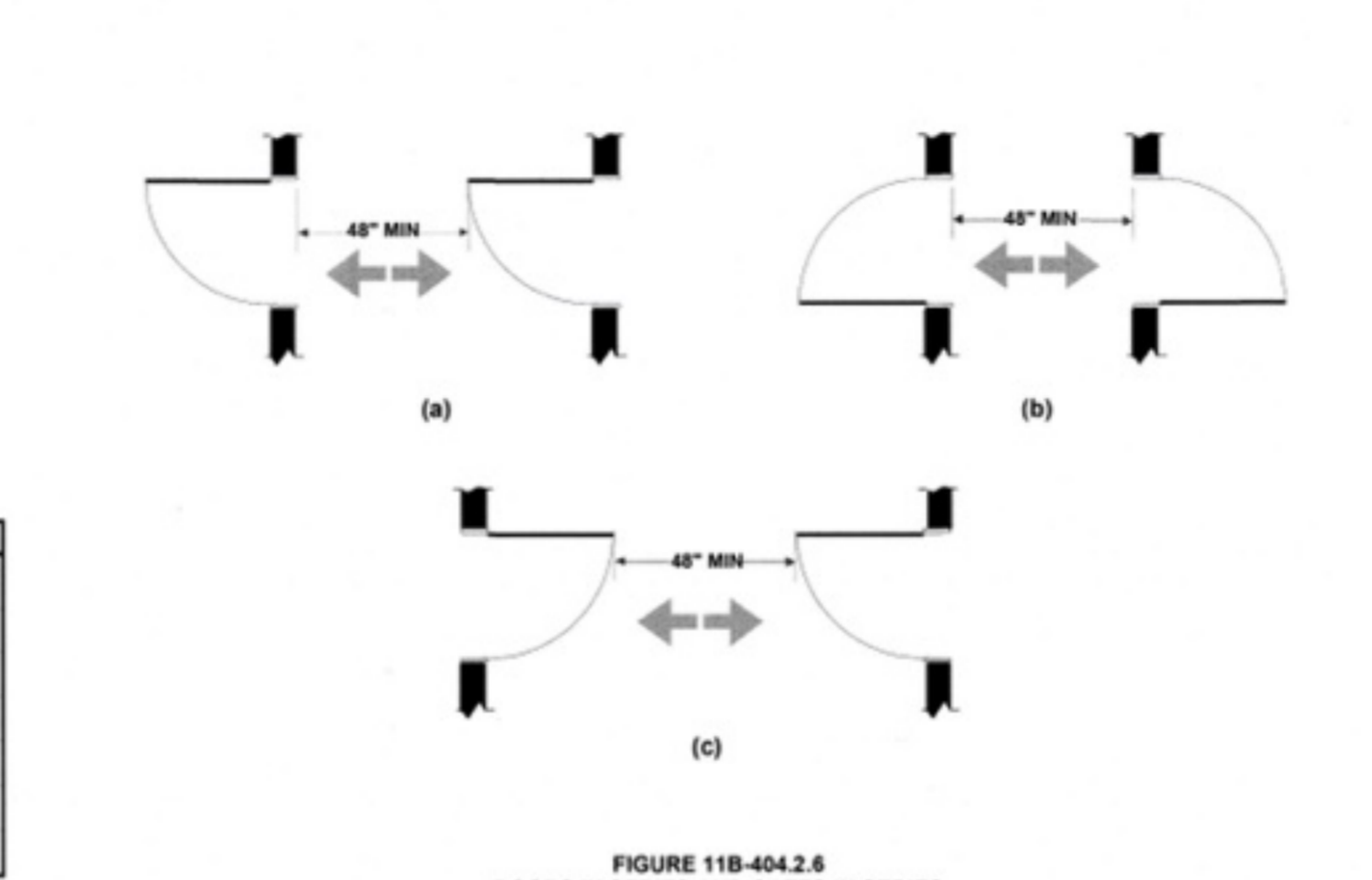
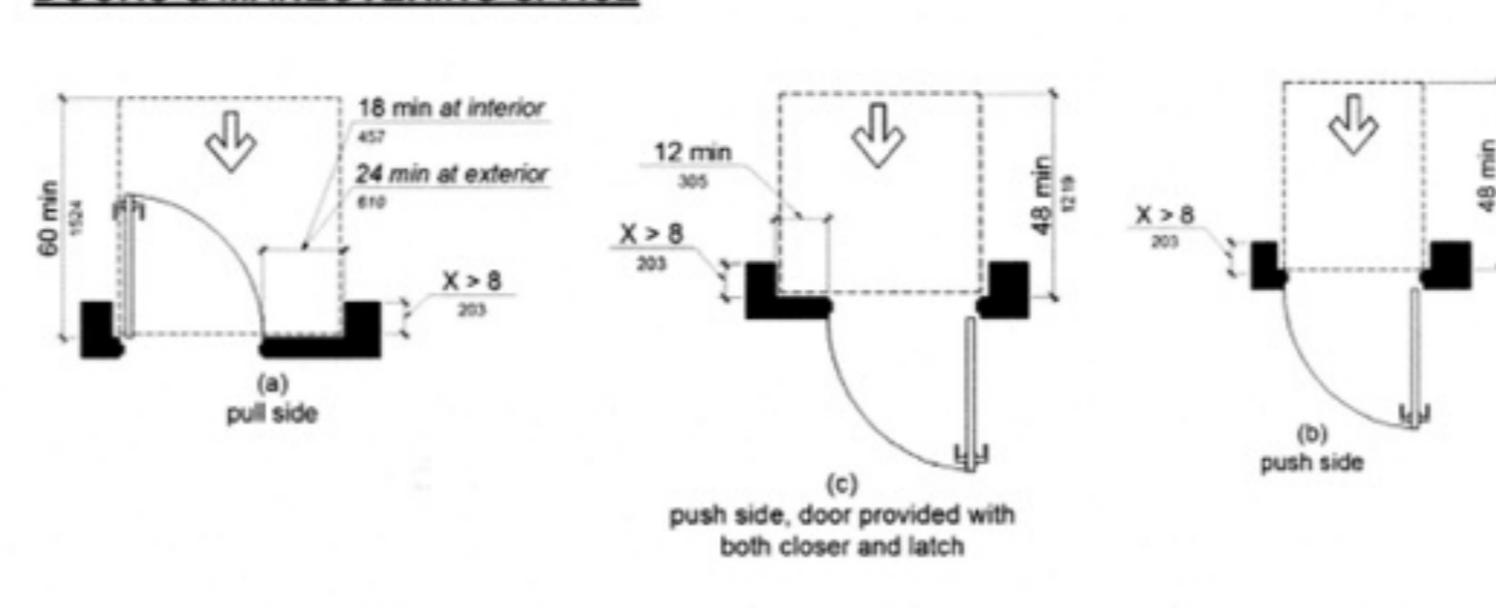
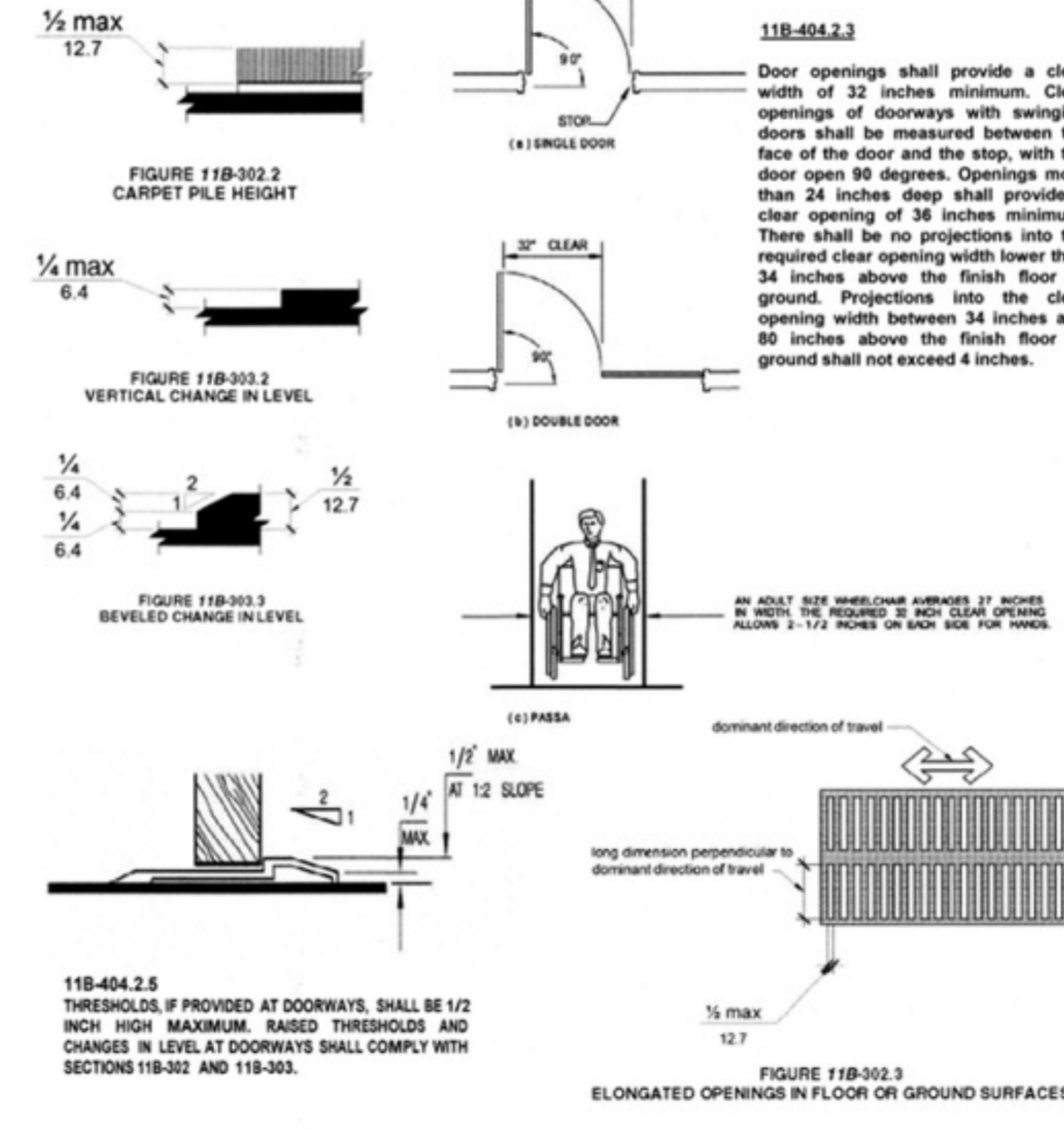


FIGURE 11B-404.2.6 DOORS IN SERIES AND GATES IN SERIES

ACCESSIBLE ROUTES



11B-404.2.5 THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH HIGH MAXIMUM. RAISED THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALL COMPLY WITH SECTIONS 11B-302 AND 11B-303.

ACCESSIBLE ROUTES

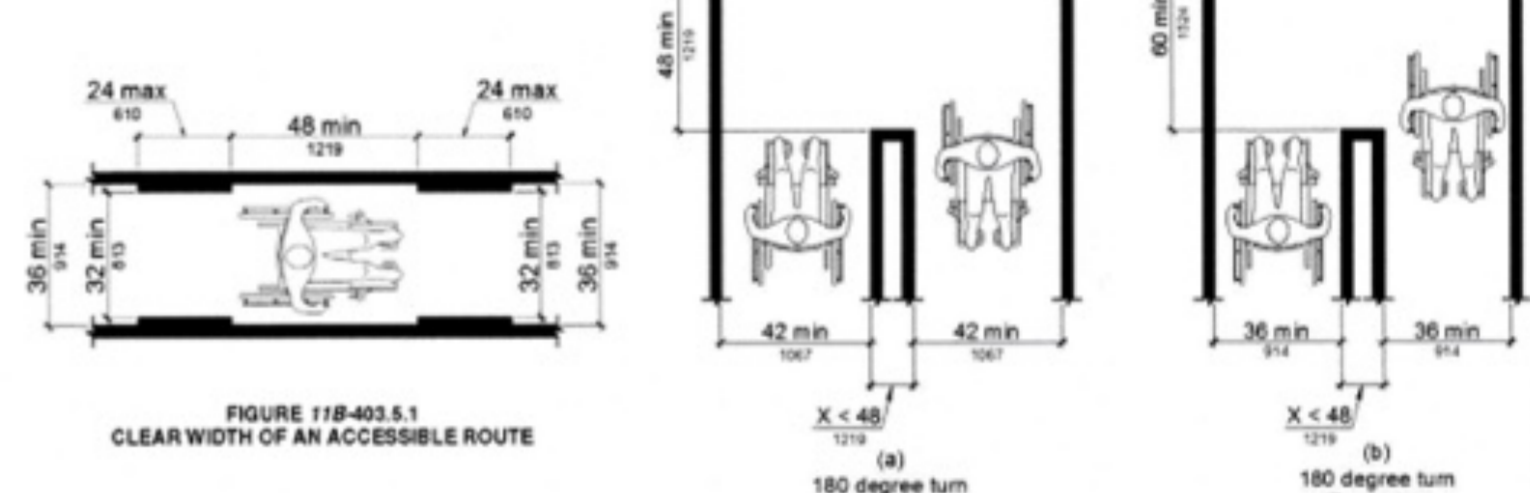
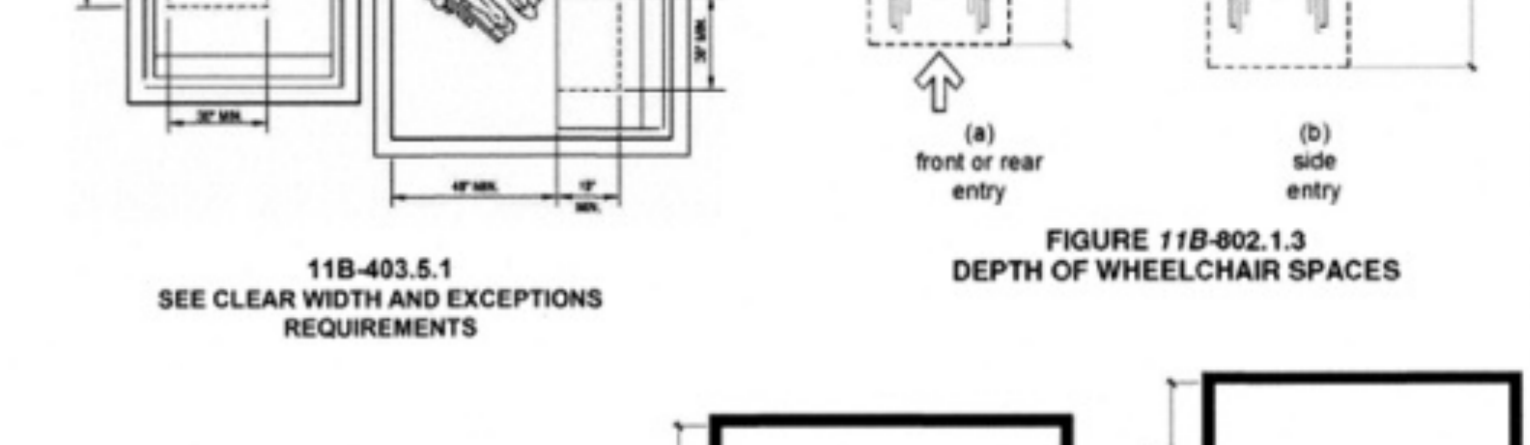
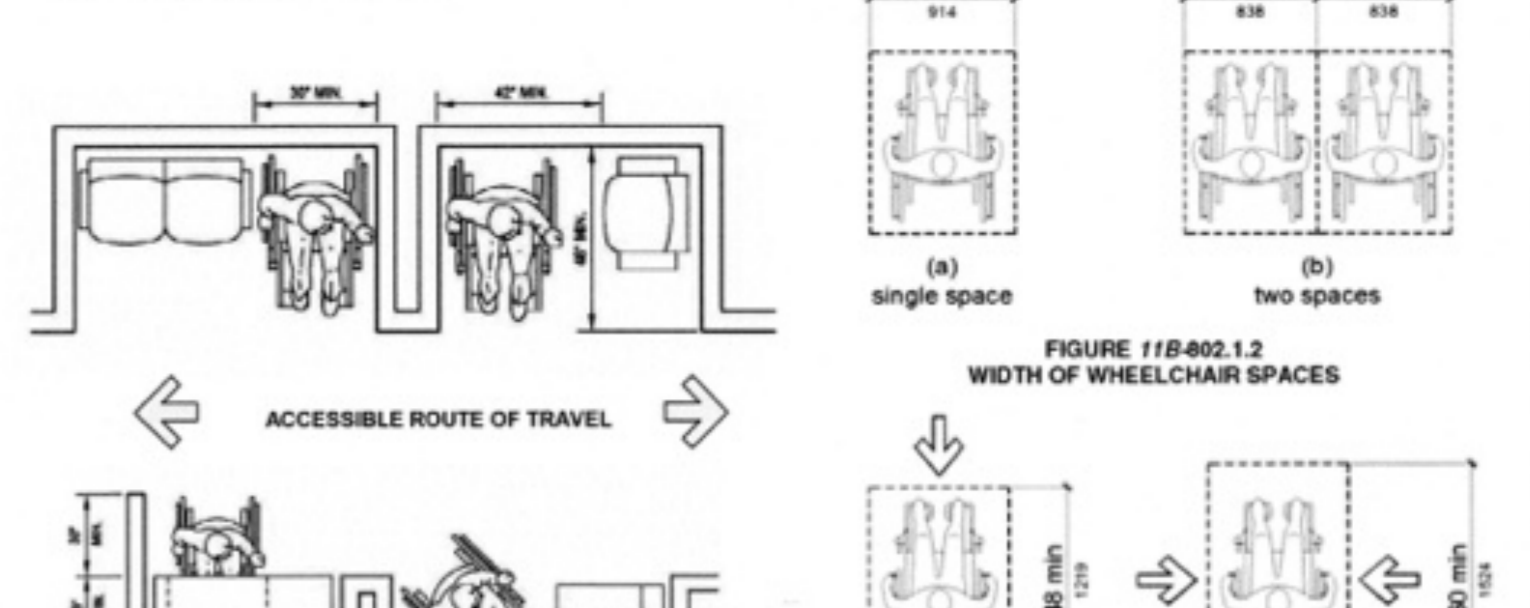


FIGURE 11B-403.5.1 CLEAR WIDTH OF AN ACCESSIBLE ROUTE



FIGURE 11B-403.5.2 CLEAR WIDTH AT TURN

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25206 BISHOP CT. STEVENSON RANCH, CA 91381
tel: 323-4598809 edwinmohabir@gmail.com



A PROJECT FOR:
Options For Youth
Public Charter Schools
1210B E. HUNTINGTON DR. DUARTE, CA 91010

CLIENT:
LUPINE CONSTRUCTION & DEVELOPMENT
715 ARROW GRAND CIRCLE COVINA, CA 91722

REVISIONS

CITY OF DUARTE BUILDING AND SAFETY DIVISION APPROVED

This set of plans & specifications shall be kept on the job at all times until it is unlawful to make any changes or alterations on same without written permission from Building & Safety, City of Duarte. The signing of these plans and specifications shall NOT be held to permit or an approval of the violation of any provision of any City Ordinance or State Law.

Date: _____
Signature: *Call*

PROJECT DATA

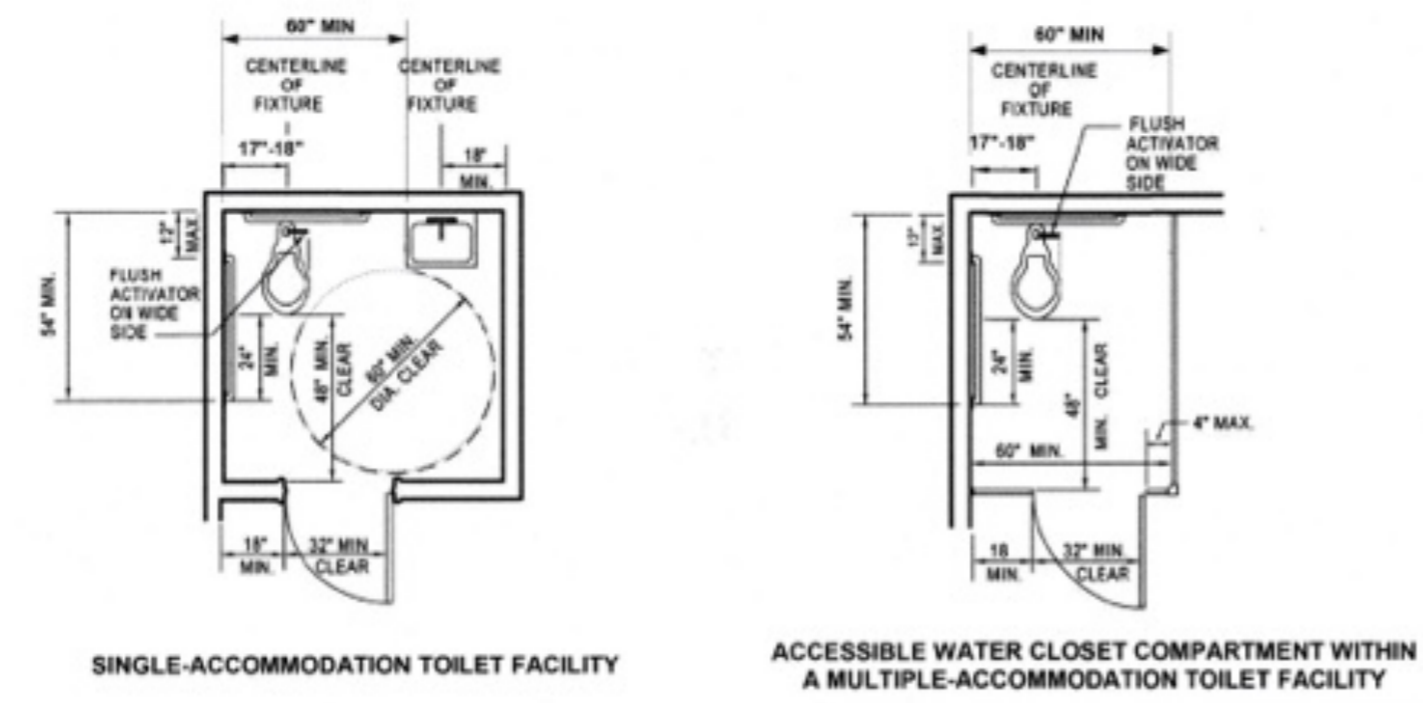
DATE 01-19-26
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

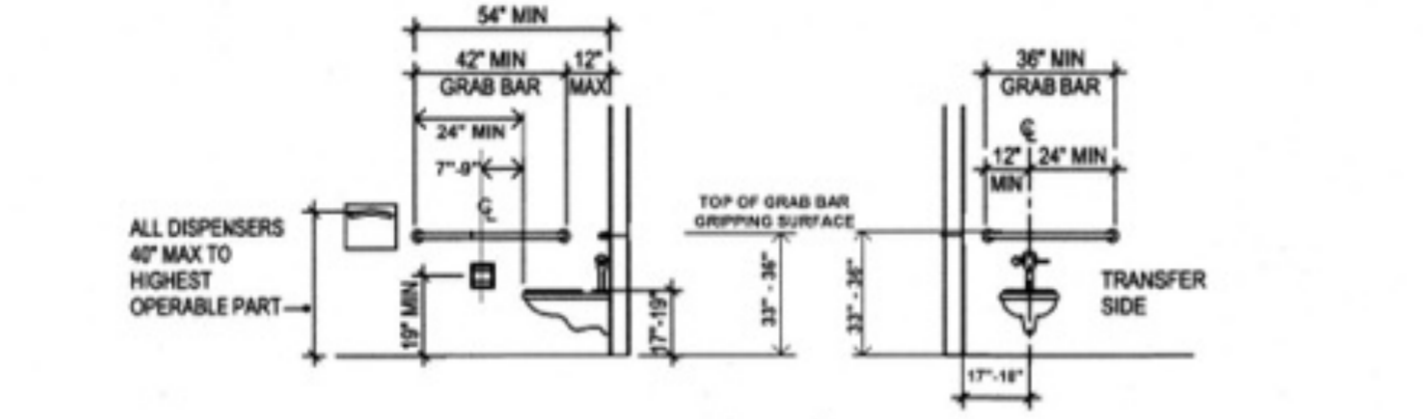
ADA: DOORS AND MANEUVERING

SHEET NO. T-3.0

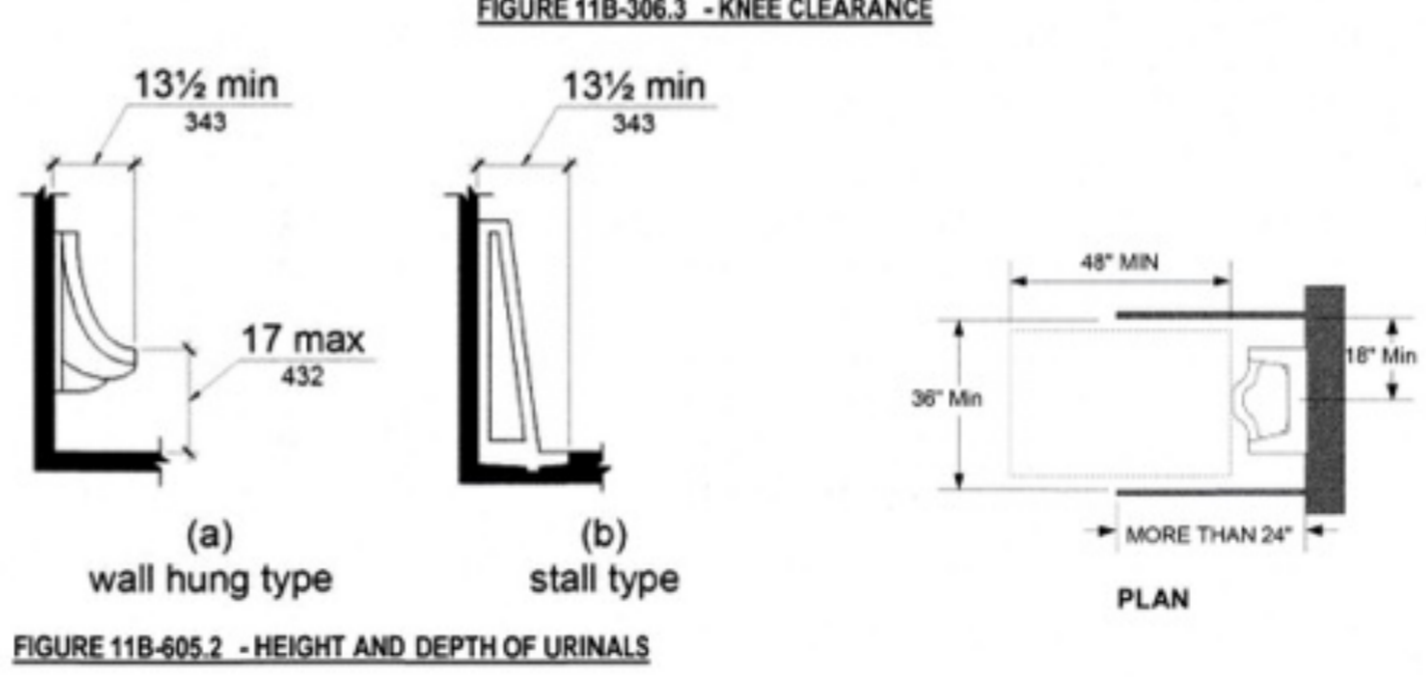
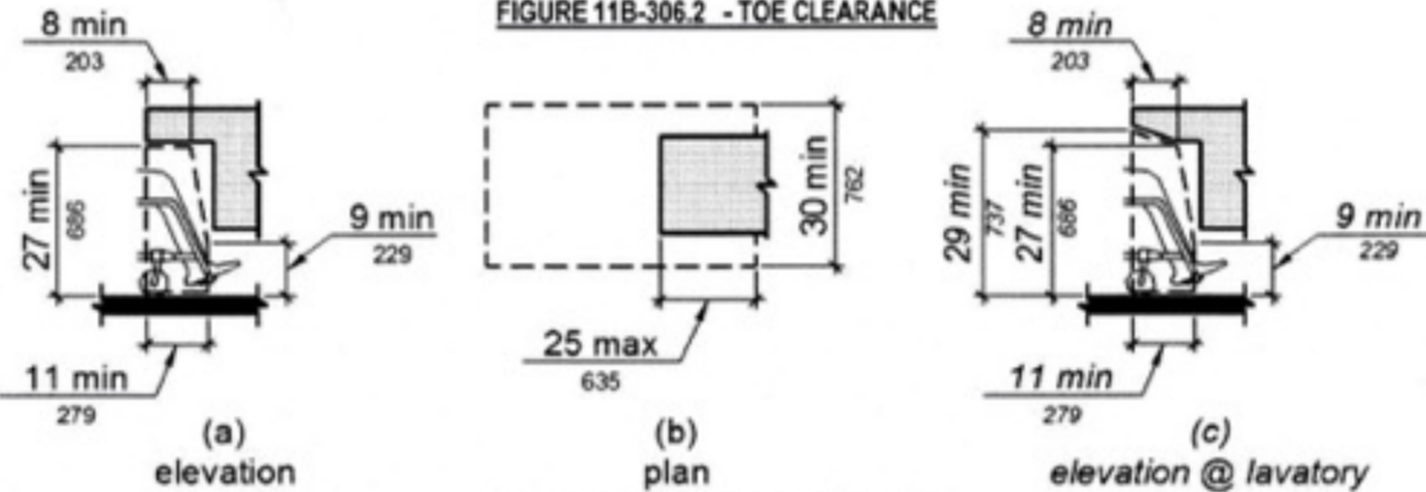
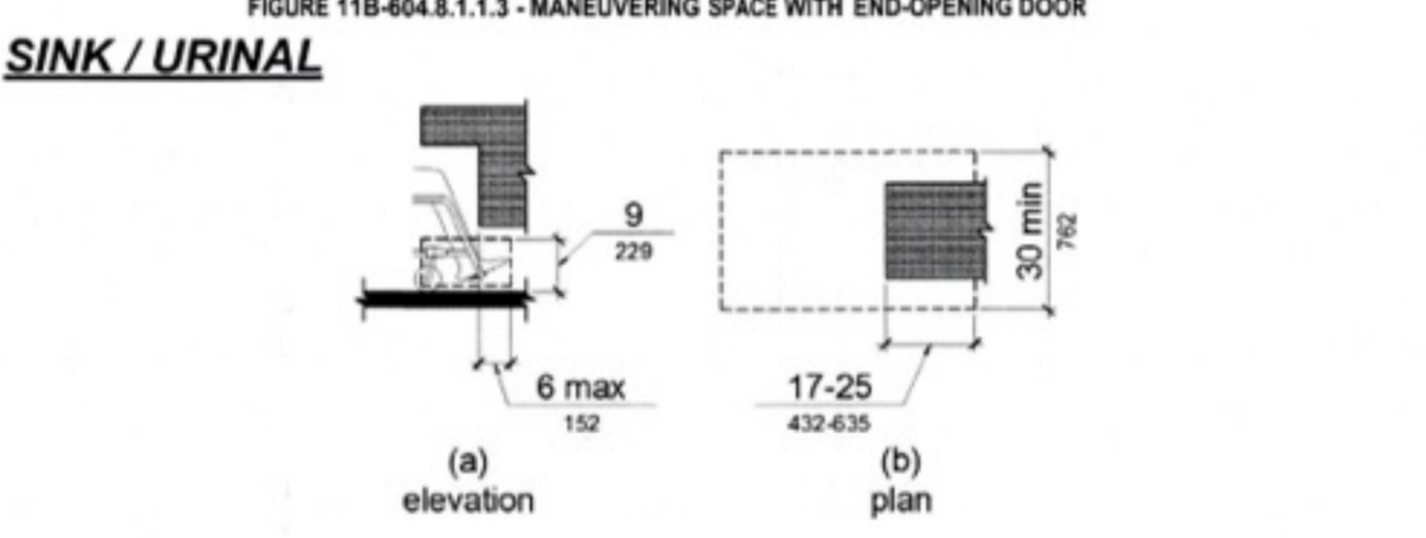
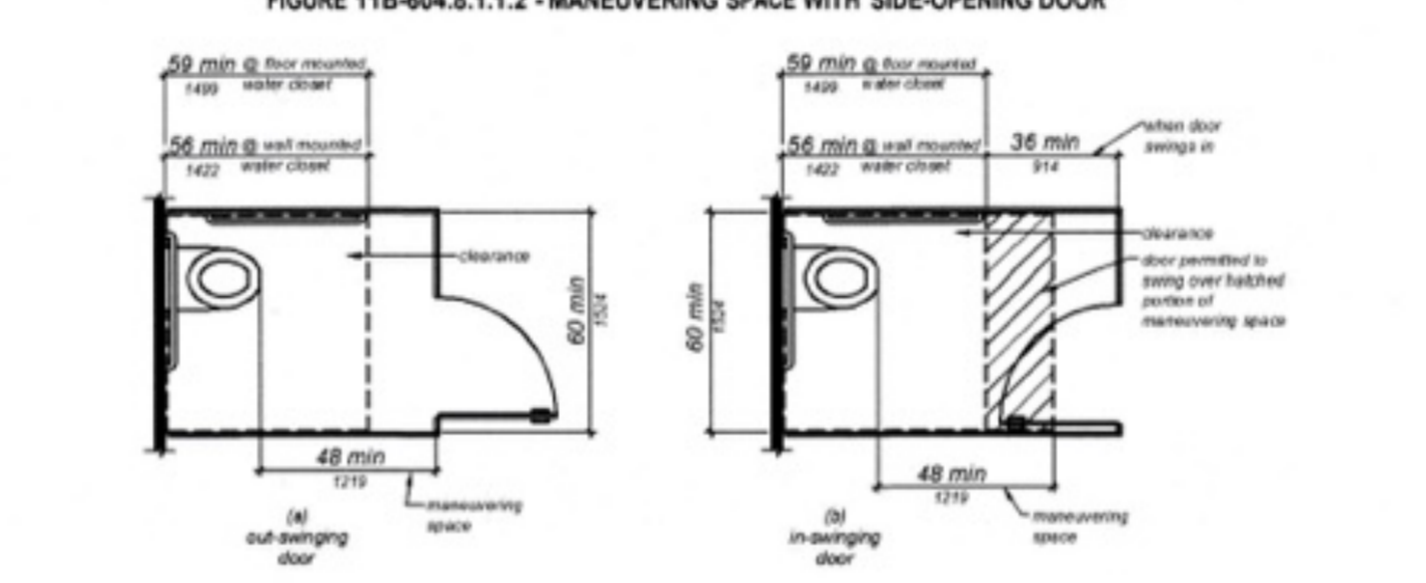
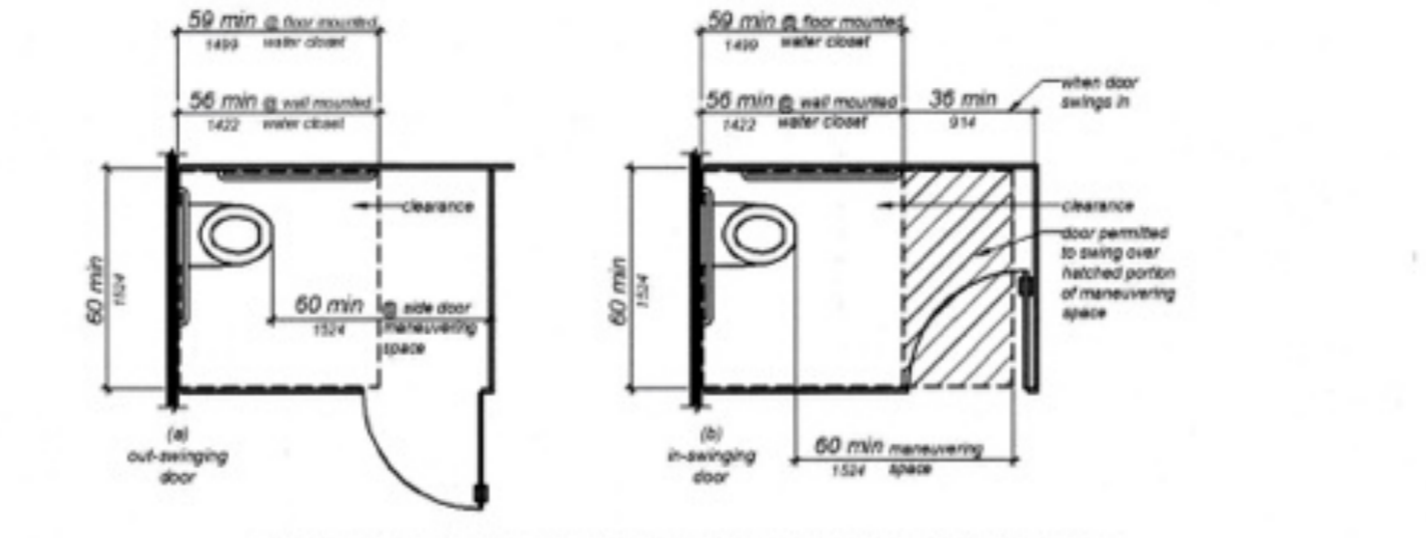
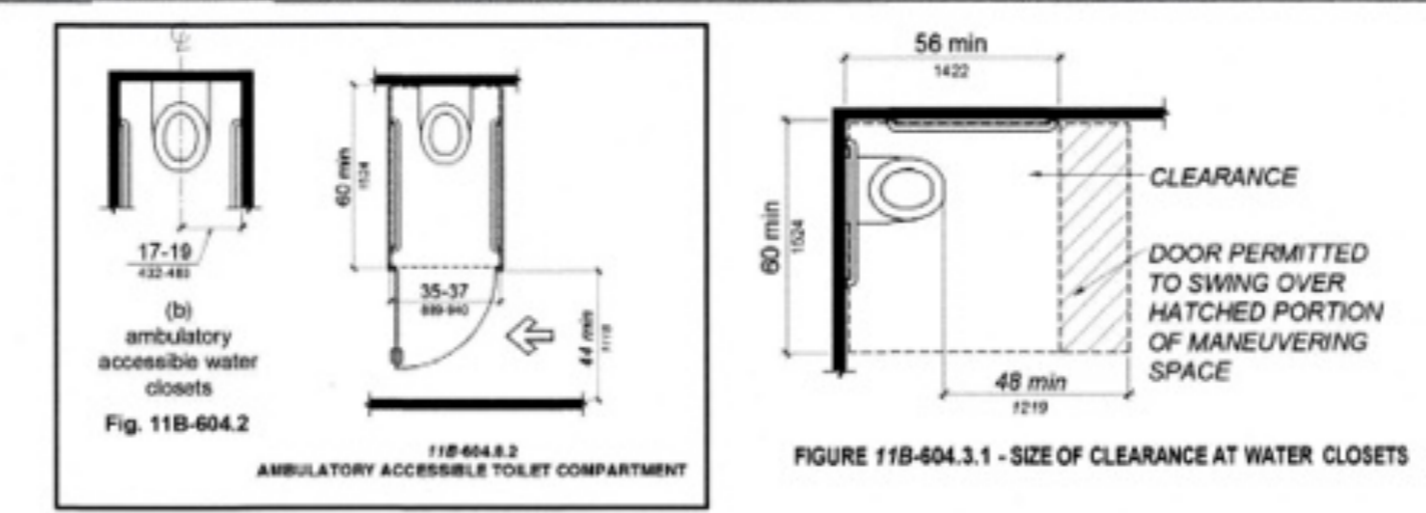
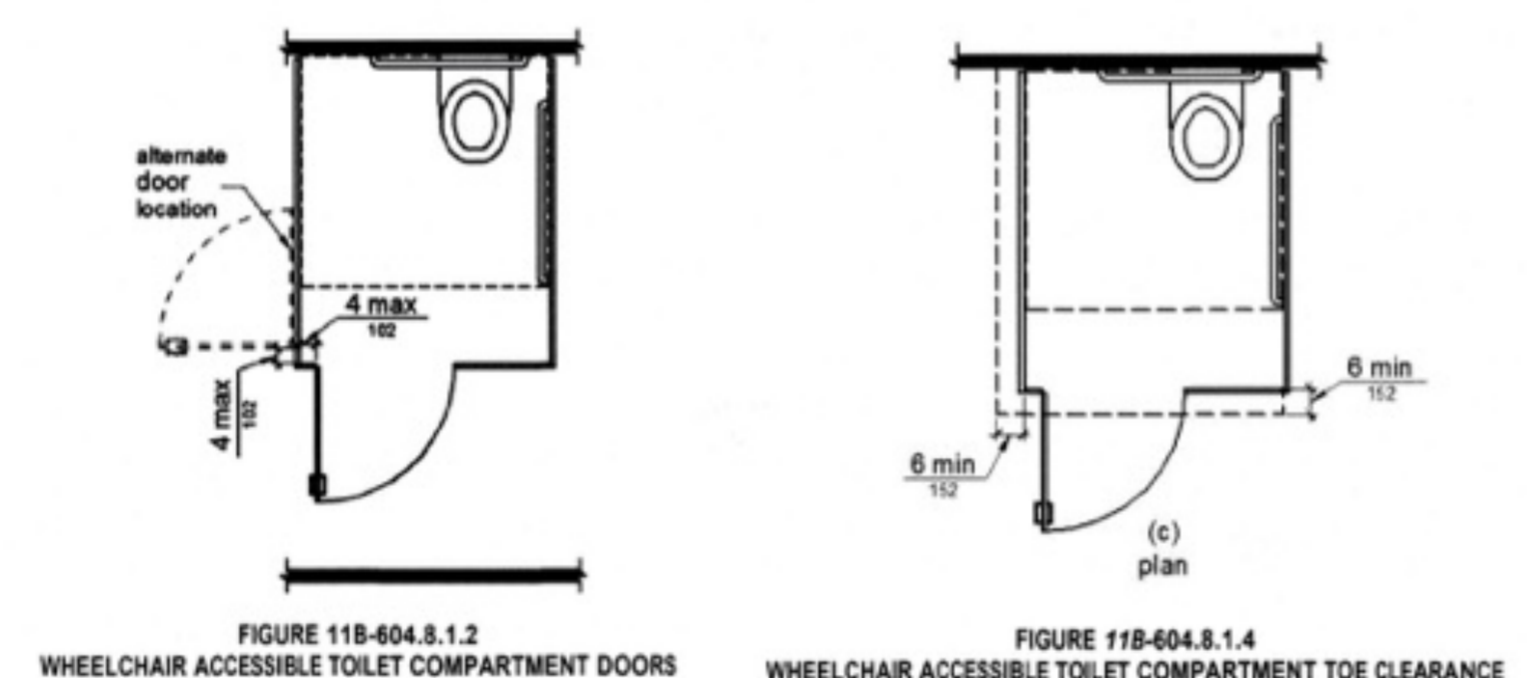
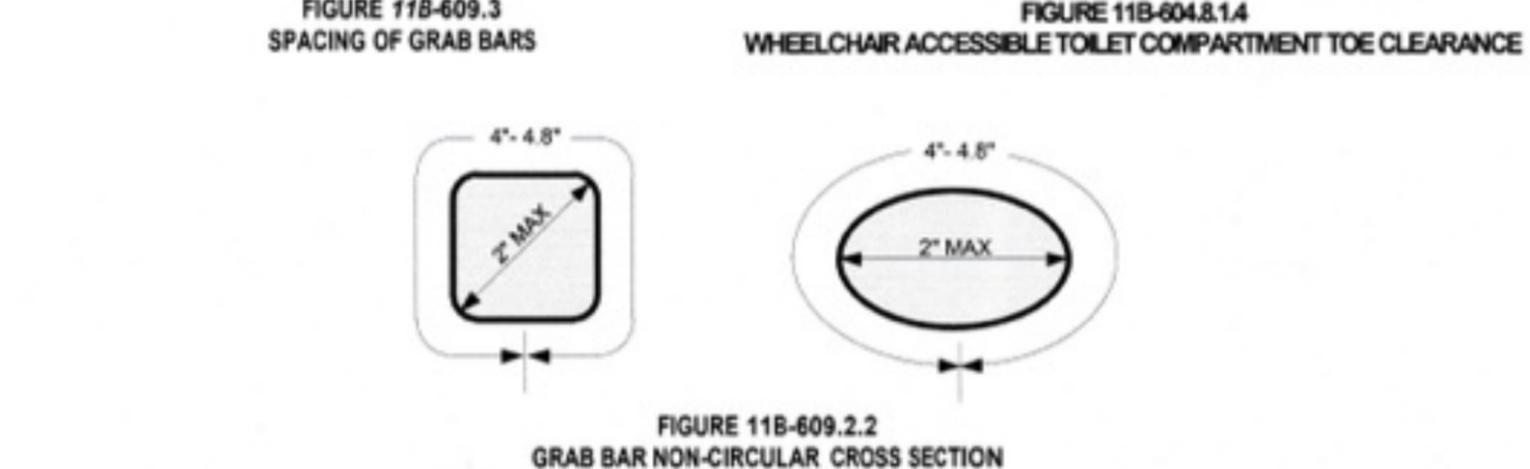
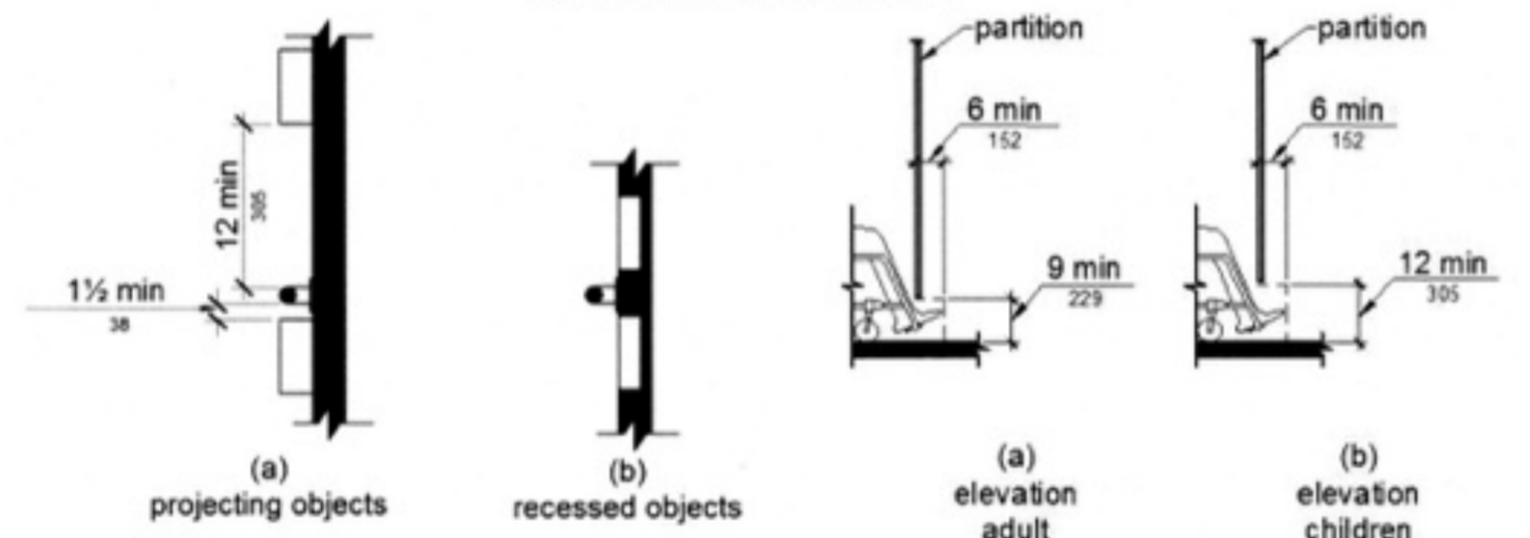
ACCESSIBILITY DETAILS FOR RESTROOMS AND DRINKING FOUNTAINS



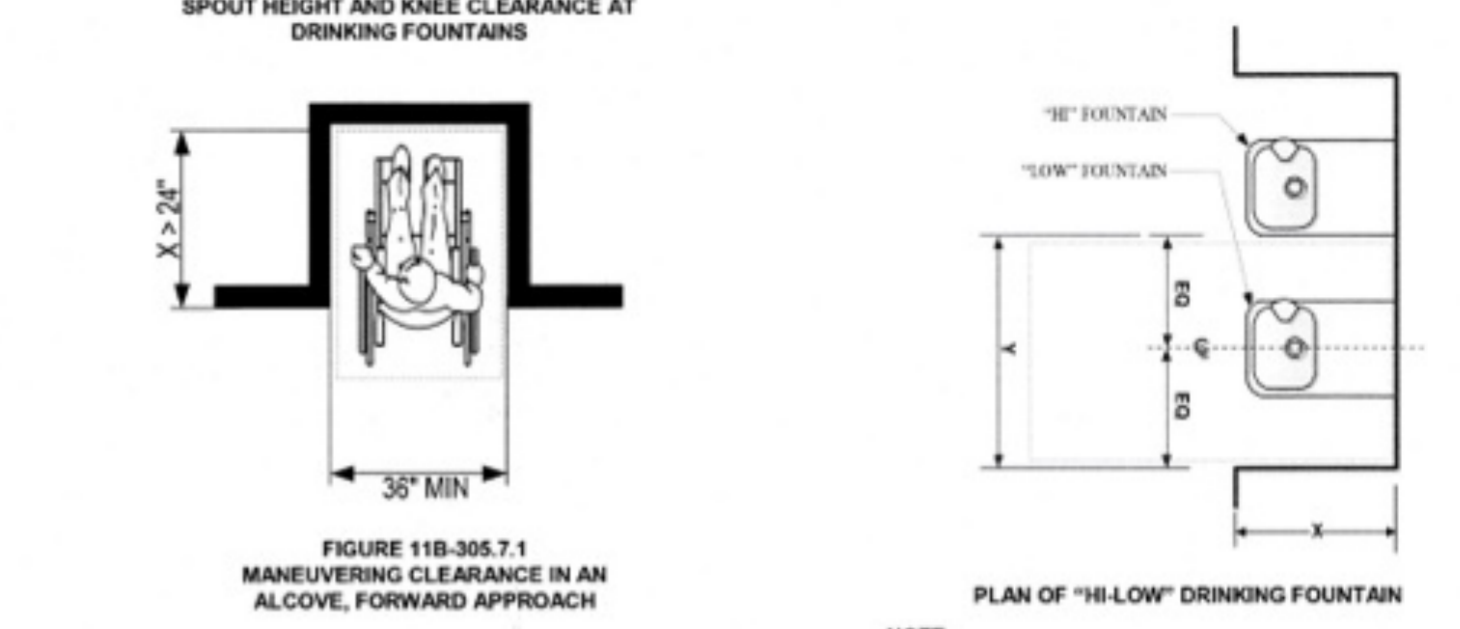
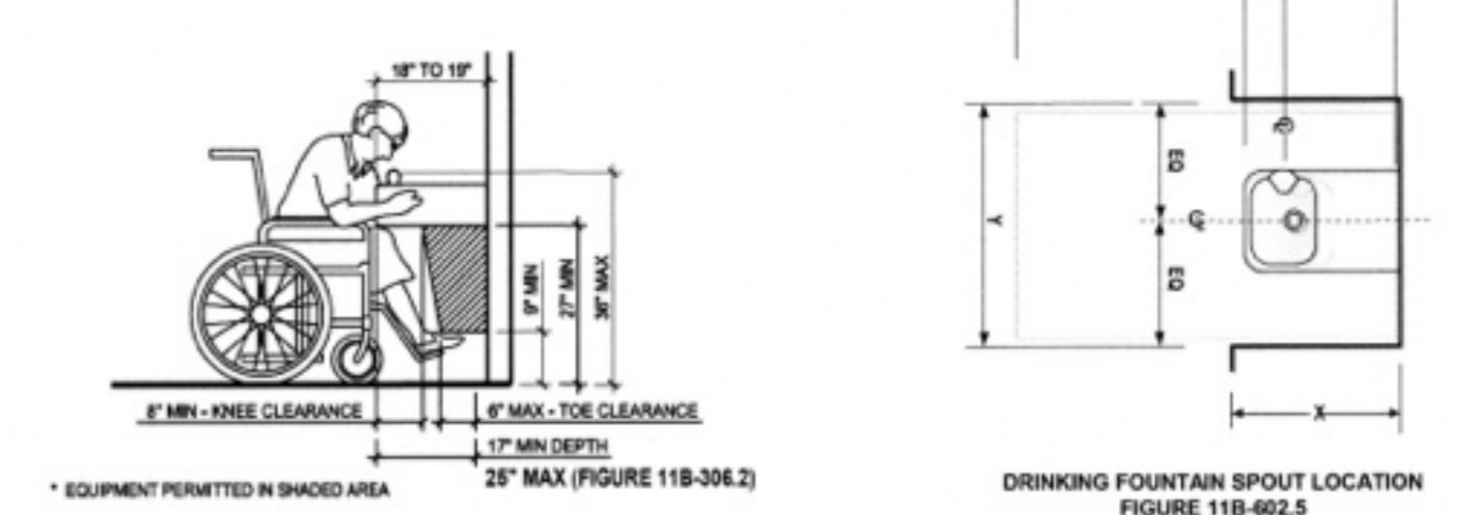
Doors shall not swing into the clear floor space or clearance required for any fixture. Other than the door to the accessible water closet compartment, a door in any position, may encroach into the turning space by 12 inches maximum. (11B-604.2.2)
 Exceptions: (2) Where the toilet room or bathing room is for individual use and a clear floor space complying with Section 11B-305.3 is provided within the room beyond the arc of the door swing, doors shall be permitted to swing into the clear floor space or clearance required for any fixture.



THESE DIAGRAMS ILLUSTRATE THE SPECIFIC REQUIREMENTS OF THESE REGULATIONS AND ARE INTENDED ONLY AS AN AID FOR BUILDING DESIGN AND CONSTRUCTION.



DRINKING FOUNTAINS



NOTE:
 IF X = 18" MIN. ALCOVE DEPTH, THEN Y = 32" MIN.
 IF ALCOVE DEPTH (X) IS GREATER THAN 24", THEN ALCOVE WIDTH (Y) MUST BE MINIMUM OF 36" CLEAR.

CLEAR FLOOR SPACE AT "HI-LOW" DRINKING FOUNTAIN ALCOVES

EDWIN MOHABIR ARCHITECT, INC.
 25206 BISHOP CT.
 STEVENSON RANCH, CA 91381
 tel: 323-4598809 edwinmohabir@gmail.com



A PROJECT FOR:
Options For Youth
 Public Charter Schools
 1210B E. HUNTINGTON DR.
 DUARTE, CA 91010

CLIENT:
LUPINE CONSTRUCTION & DEVELOPMENT
 715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS

NO.	DESCRIPTION
1	CITY OF DUARTE AND SAFETY DIVISION APPROVED
2	Approval of any provision of any City Ordinance or State Law.

PROJECT DATA

DATE	01-19-26
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

SHEET TITLE
ADA: RESTROOMS AND DRINKING FOUNTAINS

SHEET NO.
T-3.1

ACCESSIBILITY DETAILS FOR SIGNS



FIGURE 11B-703.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA)

The International Symbol of Accessibility shall comply with Figure 11B-703.2.1. The symbol shall consist of a white figure on a blue background. The blue shall be FS 15096 in Federal Standard 595C.

Volume control telephones. Telephones with a volume control shall be identified by a pictogram of a telephone handset with radiating sound waves on a square field such as shown in Figure 11B-703.2.3



Cleaner Air
FIGURE 11B-703.2.5 CLEANER AIR SYMBOL

Cleaner Air Symbol. Rooms, facilities and paths of travel that are accessible to and usable by people who are adversely impacted by airborne chemicals or particulates) and/or the use of electrical fixtures and/or devices shall be identified by the Cleaner Air Symbol complying with Figure 11B-703.2.5. This symbol is to be used strictly for publicly funded facilities or any facilities leased or rented by State of California, not concessionaires.

Assistive listening systems. Assistive listening systems shall be identified by the International Symbol of Access for Hearing Loss complying with Figure 11B-703.2.4

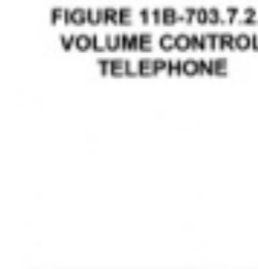


FIGURE 11B-703.2.4 INTERNATIONAL SYMBOL FOR HEARING LOSS



FIGURE 11B-703.2.2 INTERNATIONAL SYMBOL OF TTY

11B-703.2.2 International Symbol of TTY. The International Symbol of TTY shall comply with Figure 11B-703.2.2.

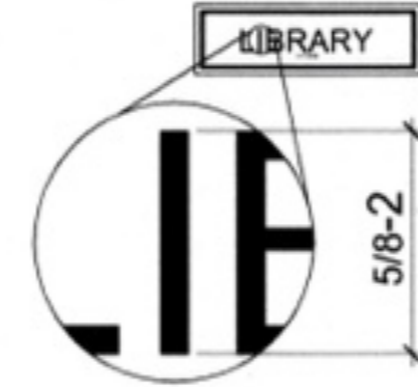


FIGURE 11B-703.2.5 HEIGHT OF RAISED CHARACTERS

11B-703 Signs

11B-703.1 General. Signs shall comply with Section 11B-703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.

11B-703.1.1 Plan review and inspection. Signs as specified in Section 11B-703, or in other sections of this code, when included in the construction of new buildings or facilities, or when included, altered or replaced due to additions, alterations or renovations to existing buildings or facilities, and when a permit is required, shall comply with Sections 11B-703.1.1.1 and 11B-703.1.1.2.

11B-703.1.1.1 Plan review. Plans, specifications or other information indicating compliance with these regulations shall be submitted to the enforcing agency for review and approval.

11B-703.1.1.2 Inspection. Signs and identification devices shall be field inspected after installation and approved by the enforcing agency prior to the issuance of a final certificate of occupancy per Chapter 1, Division II, Section 111, or final approval where no certificate of occupancy is issued. The inspection shall include, but not be limited to, verification that Braille dots and cells are properly spaced and the size, proportion and type of raised characters are in compliance with these regulations.

TABLE 11B-703.3.1 BRAILLE DIMENSIONS

MEASUREMENT RANGE	MINIMUM IN INCHES	MAXIMUM IN INCHES
Dot base diameter	0.059 - 0.063	
Distance between two dots in the same cell	0.100	
Distance between corresponding dots in adjacent cells	0.300	
Dot height	0.025 - 0.037	
Distance between corresponding dots from one cell directly below	0.395 - 0.400	

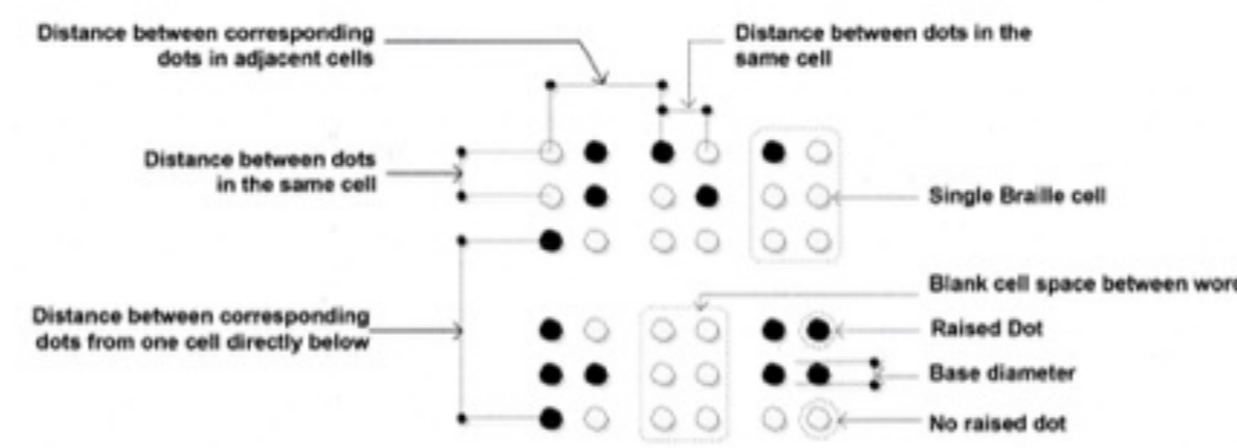


FIGURE 11B-703.3.1 BRAILLE MEASUREMENT



FIGURE 11B-703.3.2 POSITION OF BRAILLE

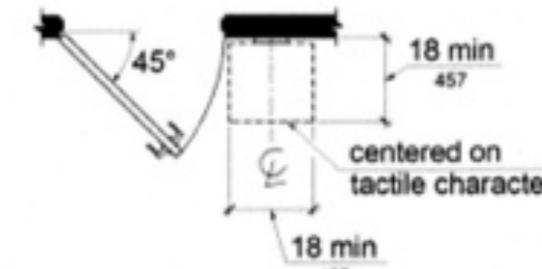


FIGURE 11B-703.4.2 LOCATION OF TACTILE SIGNS AT DOORS

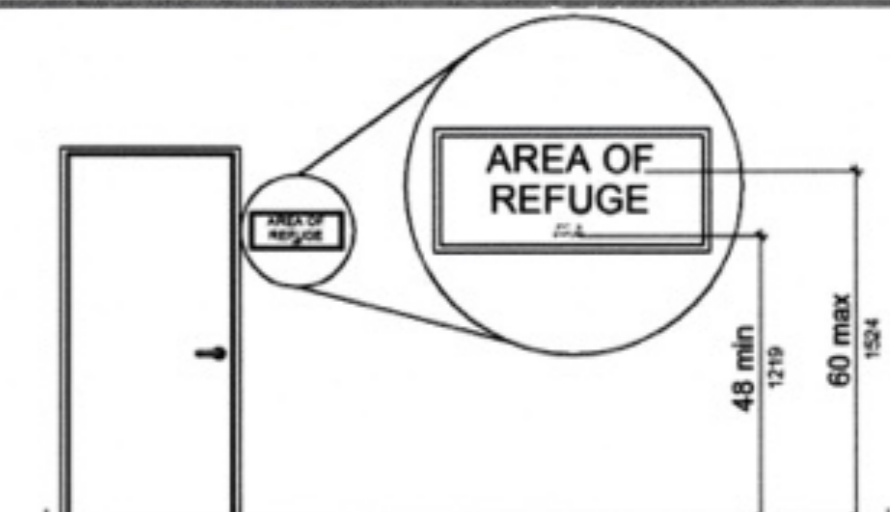


TABLE 11B-703.4.1 HEIGHT OF TACTILE CHARACTERS ABOVE FINISH FLOOR OR GROUND

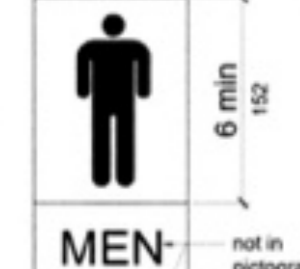
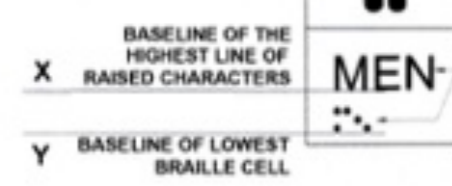
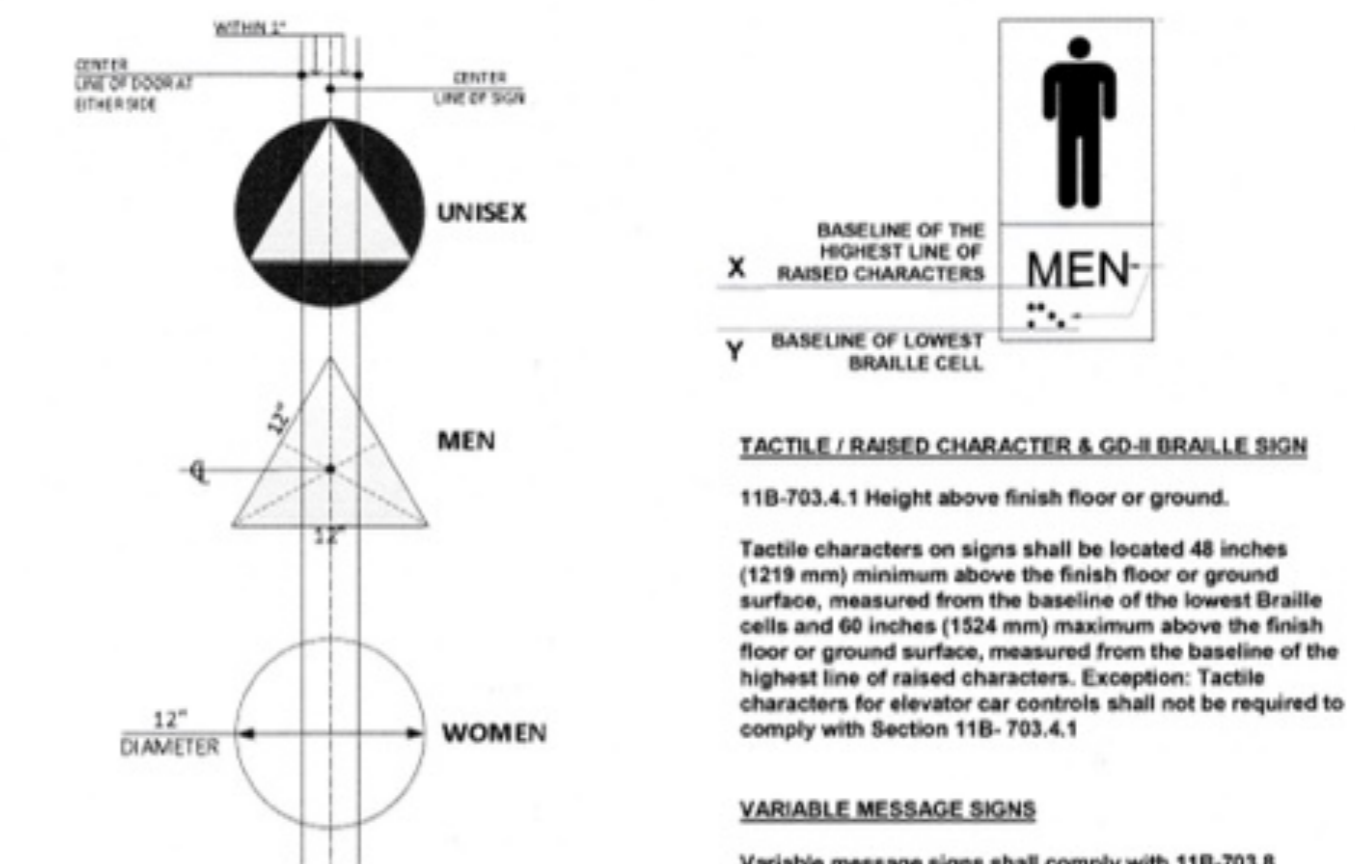
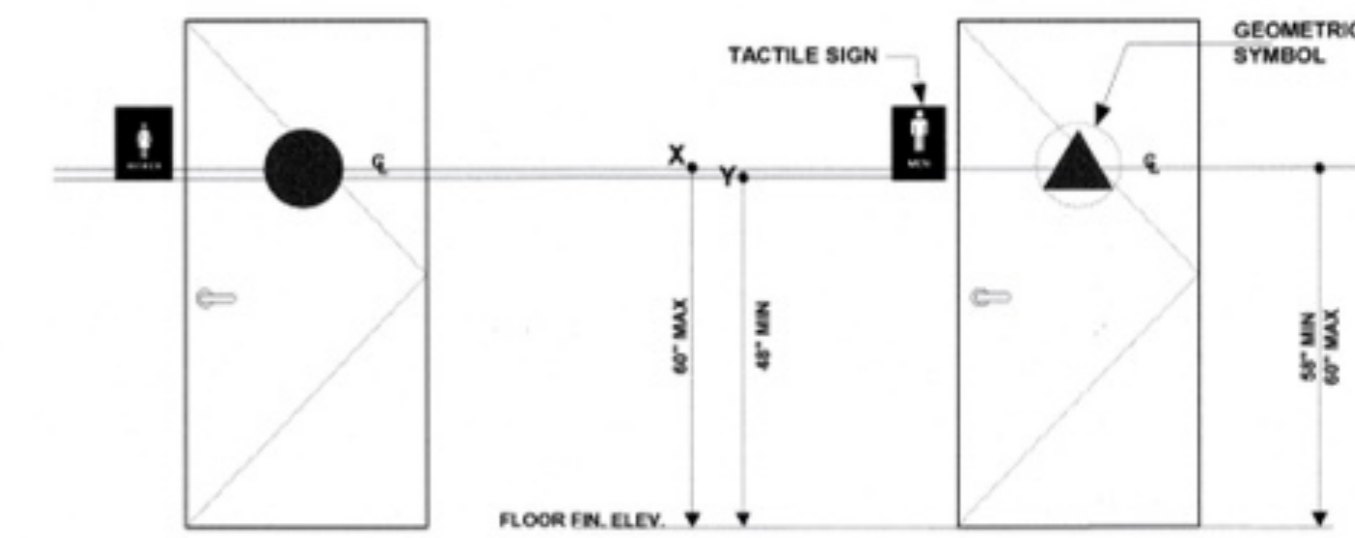


FIGURE 11B-703.6.1 PICTOGRAM FIELD

TABLE 11B-703.5.5 VISUAL CHARACTER HEIGHT

HEIGHT TO FINISH FLOOR OR GROUND FROM BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT
40 inches (1016 mm) to less than or equal to 70 inches (1778 mm)	less than 72 inches (1829 mm)	1/4 inch (5.9 mm)
	72 inches (1829 mm) and greater	1/4 inch (5.9 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 72 inches (1829 mm)
Greater than 70 inches (1778 mm) to less than or equal to 120 inches (3048 mm)	less than 180 inches (4572 mm)	2 inches (51 mm)
	180 inches (4572 mm) and greater	2 inches (51 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 180 inches (4572 mm)
greater than 120 inches (3048 mm)	less than 21 feet (6401 mm)	3 inches (76 mm)
	21 feet (6401 mm) and greater	3 inches (76 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6401 mm)

TOILETS AND BATHING FACILITIES GEOMETRIC SYMBOLS



TACTILE / RAISED CHARACTER & GO-2 BRAILLE SIGN
11B-703.4.1 Height above finish floor or ground.
Tactile characters on signs shall be located 48 inches (1219 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest Braille cells and 60 inches (1524 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest line of raised characters. Exception: Tactile characters for elevator car controls shall not be required to comply with Section 11B-703.4.1

VARIABLE MESSAGE SIGNS
Variable message signs shall comply with 11B-703.8

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A PROJECT FOR:
Options For Youth
Public Charter Schools
1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:
LUPINE
CONSTRUCTION & DEVELOPMENT
715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS
CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED
This set of plans & specifications shall be kept on the job at all times and it is intended to begin any changes or alterations on same without written permission from Building & Safety City of Duarte. The signing of these plans and specifications shall not in any way constitute or be an approval of the location of any provision of any City Ordinance or State Law.
Date: _____
Signature: _____

PROJECT DATA
DATE 01-19-26
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE
ADA: DETAILS FOR SIGNS
SHEET NO.
T-3.2



A PROJECT FOR:



1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED

City will not be held liable for any errors or omissions on these plans. It is the responsibility of the architect to make any changes or alterations to these plans. The architect shall be held responsible for any errors or omissions on these plans. The architect shall be held responsible for any errors or omissions on these plans. The architect shall be held responsible for any errors or omissions on these plans.

Date: _____
Signature: *CA*

PROJECT DATA

DATE 01-19-26
ARCHITECT EM
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SHEET TITLE

OFY & OFL
SPECIFICATIONS

SHEET NO.

T-4.0

PLUMBING FIXTURES

1. WATER CLOSETS - KOHLER HIGHLINE BOWL, MODEL K-4304, & TANK, MODEL K4484, COLOR WHITE
2. CERAMIC URINAL - KOHLER BARDON, MODEL K-4991-ET, COLOR WHITE, WITH AMERICAN STANDARD MANUAL FLOWISE VALVE 0.125 GPF, FINISH POLISHED CHROME.
3. CERAMIC LAVATORIES AT RESTROOMS - KOHLER KINGSTON WALL MOUNT, MODEL K-2005, COLOR WHITE, WITH ZURN CONCEALED ARM SYSTEM WALL SUPPORT, MODEL Z1251.
4. LAV. FAUCETS AT RESTROOMS - AMERICAN STANDARD HERITAGE TWO-HANDLE 4" CENTER SET, MODEL S400.142H 1.5 GMP, FINISH POLISHED CHROME.
5. STAINLESS STEEL SINK AT BREAKROOM AND LAB. - ELKAY LUSTERTONE SINGLE BOWL TOP MOUNT, MODEL LRAD191955.
6. LAV. FAUCET AT BREAKROOM AND LAB. - AMERICAN STANDARD MONTERREY TWO-HANDLE 8" CENTER SET, MODEL 6542.175 0.5 GMP, FINISH POLISHED CHROME
7. MOP SINK AT JANITOR CLOSET - FLORESTONE MODEL MSR-2424
8. FAUCET AT MOP SINK - AMERICAN STANDARD EXPOSED YOKE WALL MOUNT UTILITY FAUCET 8354.112, FINISH POLISHED CHROME
9. EYE/FACE WASH STATION AT LAB - BRADLEY HALO WALL MOUNT, MODEL S19224 OR HAWS AXION WALL MOUNT, MODEL 7360B-7460B.
10. 2 DRINKING FOUNTAINS - ELKAY LZSTL8WS & LZSTLDDWS.
11. EEMAX POINT OF USE WATER HEATER - MODEL ESP3012.
12. A.O. SMITH 10 GAL ELECTRIC WATER HEATER - MODEL DEL-10.

ELECTRICAL

1. ILLUMINATED EXIT SIGNS AND LED BUG EYE LAMPS W/SELF-CONTAINED 90 MIN EMERGENCY BATTERY PACK UNIT.
2. 2' X 4' LED FLAT PANEL EDGE LIT LIGHT FIXTURES WITH ENERGY SAVING ELECTRONIC BALLAST BY MAXLITE
3. 2' X 4' LED FLAT PANEL EDGE LIT LIGHT FIXTURES W/90 MIN/1400 LUMENS BATTERY BACK UP BY MAXLITE.
4. 2' X 2' LED FLAT PANEL EDGE LIT LIGHT FIXTURES WITH ENERGY SAVING ELECTRONIC BALLAST BY MAXLITE
5. 2' X 2' LED FLAT PANEL EDGE LIT LIGHT FIXTURES W/90 MIN/1400 LUMENS BATTERY BACK UP BY MAXLITE
6. 1' X 4' LED SURFACE MOUNTED LIGHT FIXTURES WITH ENERGY SAVING ELECTRONIC BALLAST BY NATURALED
7. DIGITAL DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSORS BY LEGRAND, MODEL LMDC-100
8. DIGITAL DUAL TECHNOLOGY CORNER MOUNT OCCUPANCY SENSORS BY LEGRAND, MODEL PW-100
9. MULTI-ZONE SWITCHING AND DIMMING OPEN LOOP PHOTO SENSORS, MODEL LMLS-500
10. DIGITAL LIGHTING MANAGEMENT TRIPLE RELAY W/ 0-10 VOLT DIMMING ROOM CONTROLLER, MODEL LMRC-210 SERIES

HVAC

1. SUPPLY GRILL - HART COOLEY CBPS SUPPLY SD - 9419
2. RETURN GRILL - HART COOLEY CBPS RETURN SD - 9420
3. THERMOSTAT - VENSTAR PROGRAMMABLE T2800

FLOOR COVERINGS (SPECS AND LOCATIONS)

- A. COMMERCIAL QUEEN CARPET BY SHAW.
STYLE NAME - INSPIRED
STYLE # - Q0420
COLOR - ANCHOR
NO PAD INCLUDED.
CARPET TO BE PLACED AT THE FOLLOWING LOCATIONS:
1. HALLS
2. OPEN AREA
3. CURRICULUM ROOM
4. CONFERENCE ROOM
- B. VCT BY ARMSTRONG STANDARD - EXCELRON (12" X 12" X 1/8").
COLOR #51899/#51946 PER PATTERN PROVIDED BY OFY & OFL
VCT TO BE PLACED AT THE FOLLOWING LOCATIONS
1. STORAGE CLOSET
2. BREAK ROOM
3. IT ROOM
4. SGI ROOMS
- C. TERRENE SHEET VINYL.
COLOR STEEL WITH WELDED SEAMS.
SHEET VINYL TO BE PLACED AT THE FOLLOWING LOCATIONS:
1. RESTROOMS WITH 6" ROLLED VINYL COVE
2. JANITOR CLOSET
3. LAB
- D. RUBBER BASE BY BURKE FLOORING
COLOR 701 BLACK
CLASS: 1
RUBBER BASE TO BE PLACED AT THE FOLLOWING LOCATIONS:
1. ALL AREAS EXCEPT:
RESTROOMS
JANITOR CLOSET
LAB

DOORS:

MASONITE FLUSH SERIES LEGACY WALNUT PREFINISHED SOLID CORE INTERIOR DOORS WITH BROWN TIMELY PREFINISHED STEEL FRAMES.

DOOR HANDLES:

CAL-ROYAL PRODUCTS - PIONEER SL SERIES IN SATIN CHROME

STANDARD DUTY RIM PANIC HARDWARE:

DESIGN HARDWARE 2000R SERIES AL PAINTED US320

HEAVY DUTY PANIC HARDWARE:

DOORMERICA EDV701/EDFV701 HEAVY DUTY GRADE 1 VERTICAL ROD EXIT DEVICE

NARROW STILE RIM PANIC HARDWARE:

ADAMS RITE ASSA ABLOY - 8800 SERIES
DESIGNED FOR USE IN APPLICATIONS WITH SINGLE DOORS OR PAIRS OF DOORS WITH A MULLION

MAGNETIC PANIC HARDWARE:

AT FRONT ENTRY/EXIT ONLY. EQUIPMENT TO CONSIST OF THE FOLLOWING:

- 1- ALARM CONTROLS AC6005 MAGLOCKIT PUSH BAR
- 1-ALARM CONTROLS REB1 REQUEST-TO-EXIT PUSH BAR
- 1 - CAMDEN CMPTS-14 DOOR CONTROL POWER TRANSFER CABLE
- 1 - IEI IE212ICMB2 OUTDOOR KEYPAD
- 1 - LINEAR DXSR1503 WIRELESS RECEIVER
- 3 - LINEAR DXT23 3-BUTTON WIRELESS TRANSMITTER
- 2 - ASRB RELAYS
- 1 - YUASA 12V, 7AH RECHARGEABLE GEL CELL BATTERY
- ALL NECESSARY CABLE AND HARDWARE

DOOR CLOSER:

CAL-ROYAL PRODUCTS-900 SERIES SATIN CHROME

DEADBOLT:

SCHLAGE B500 SERIES WITH OCCUPIED INDICATOR (B571)

WINDOW FRAMES:

BROWN TIMELY PREFINISHED STEEL FRAMES

CABINETS:

BUILDER GRADE CABINETS AS INDICATED ON PLANS WITH WHITE PLASTIC LAMINATE FINISH

COUNTER TOPS:

BUILDER GRADE PRE-FABRICATED PLASTIC LAMINATE COUNTER TOPS W/ 4" BACKSPASH

MIRRORS/BATHROOM ACCESSORIES:

PROVIDE AND INSTALL THE FOLLOWING NEW ACCESSORIES AT NEW AND EXISTING BATHROOMS. ALL ACCESSORIES TO BE BOBRICK STAINLESS STEEL OR LIKE KIND.

- 1- 36" GRAB BAR
- 1- 42" GRAB BAR
- 1 - 1-FEMININE DISPENSER
- 1 - T.P. HOLDER
- 1 - TOILET SEAT COVER DISPENSER
- 3 - 18"W X 30"H MIRROR

FIBERGLASS REINFORCED PLASTIC (FRP) @ BATHROOMS:

PROVIDE AND INSTALL NEW FRP AT NEW AND EXISTING BATHROOMS. FRP 4" ABOVE F.F. COLOR WHITE

SIGNAGE AT INTERIOR

PROVIDE AND INSTALL THE FOLLOWING CUSTOM INTERIOR SIGNS. ADA SIGNAGE 1/8" THICK, NON-GLARE ACRYLIC, REVERSE PAINTED PEARL WHITE WITH ADA RAISED TACTILE (BRAILLE), COLOR 301 GREY.

1. ROOM SIGNS - 4" X 8"
2. EXIT SIGNS - 6.5" X 6.5"
3. WALL RESTROOM SIGNS - UNISEX - 8.5" X 8.5"
4. DOOR RESTROOM SIGNS - UNISEX - 12" DIAM.
5. EXIT ROUTE SIGNS - 6.5" X 6.5"
6. 1 - MAX OCCUPANCY SIGN - 5.5" X 8.5"
7. 1 - INTERNATIONAL SYMBOL OF ACCESSABILITY (ISA) SIGN (ON ENTRY)
8. EVAC SIGNS - 8.5" X 11"
9. "FIRE EXTINGUISHER" SIGNS - 4" X 12"

FIRE ALARM SYSTEM:

FIRE ALARM/VOICE EVACUATION SYSTEM SHALL CONSISTING OF THE FOLLOWING:

1. FIRELITE ES 50X ADDRESSABLE FIRE ALARM CONTROL; PANEL
2. FIRELITE FLECC/50 VOICE EVACUATION SYSTEM
3. FIRELITE ANN80 REMOTE ANNUNCIATOR
4. FIRELITE SD355 ADDRESSABLE SMOKE DETECTORS
5. FIRELITE BG12 LX ADDRESSABLE PULL STATION
6. FIRELITE CRF-300 ADDRESSABLE CONTROL RELAYS
7. FIRELITE CELL-CAB-FL CELLULAR TRANSMITTER
8. SYSTEM SENSOR SPSRCL CEILING MOUNTED SPEAKER STROBES
9. SYSTEM SENSOR SCRL CEILING MOUNTED STROBE ONLY
10. SYSTEM SENSOR SPSRK OUTDOOR WEATHERPROOF SPEAKER STROBE
11. SPACE AGE ELECTRONIC DOCUMENT BOX
12. 12VDC, 12ah RECHARGEABLE GEL CELL BATTERIES
13. 12VDC, 7ah RECHARGEABLE GEL CELL BATTERIES

SECURITY ALARM:

SECURITY ALARM SHALL CONSIST OF THE FOLLOWING:

1. HONEYWELL VISTA 21IP SECURITY ALARM CONTROL PANEL, ENCLOSURE, AND TRANSFORMER
2. HONEYWELL 6160 CUSTOM ENGLISH DISPLAY KEYPAD
3. HONEYWELL VISTA GSM4 CELLULAR DATA TRANSMITTER
4. BOSCH TRI-TECH MOTION SENSORS
5. DOOR CONTACTS
6. SELF-CONTAINED OUTDOOR SIREN
7. YUASA 12V, 7AH RECHARGEABLE GEL CELL BATTERY

PAINT:

1. PT1 - ANTIQUE WHITE SW6119 -
LOCATION: TUTORING, SGI ROOM 4, CURRICULUM OFFICE, RECEPTION OFFICE, REGISTRATION OFFICE, LOBBY, PRINCIPAL OFFICE, SGI ROOM 1, ASSISTANT PRINCIPAL OFFICE, SGI ROOM 2, SGI ROOM 3, OPEN OFFICE
2. PT2 - CORNFLOWER DES864 -
LOCATION: SGI ROOM 4, CURRICULUM OFFICE, RECEPTION OFFICE, REGISTRATION OFFICE, LOBBY, PRINCIPAL OFFICE, SGI ROOM 1, ASSISTANT PRINCIPAL OFFICE, SGI ROOM 2, SGI ROOM 3, BREAKROOM, OPEN OFFICE
3. PT3 - CARAMEL APPLE DES215
LOCATION:
4. PT4 - SOUR APPLE DES507
LOCATION:
5. PT5 - TWILIGHT TAUPE DE6060
LOCATION: UNISEX RESTROOM, IT ROOM
6. PT6 - UNTAMED ORANGE DEA110
LOCATION:
7. PT7 - GLITZY RED DEA153
LOCATION:



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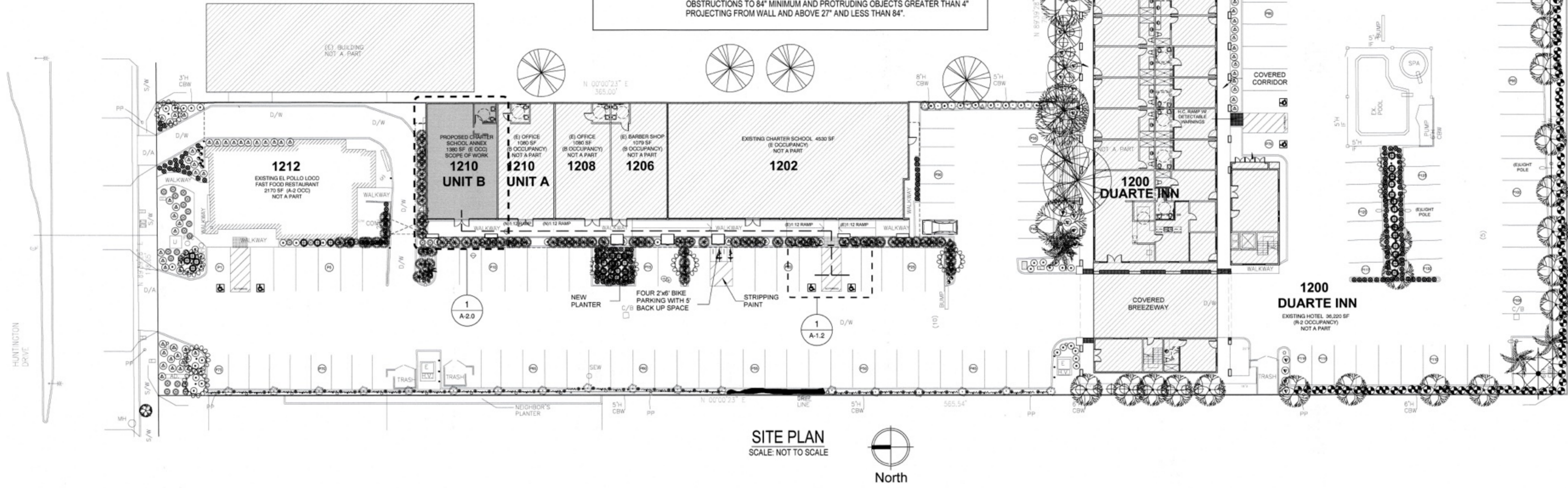
REVISIONS
CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED

PROJECT DATA
DATE 01-19-26
ARCHITECT EM
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PROJECT NO.
SCALE AS NOTED

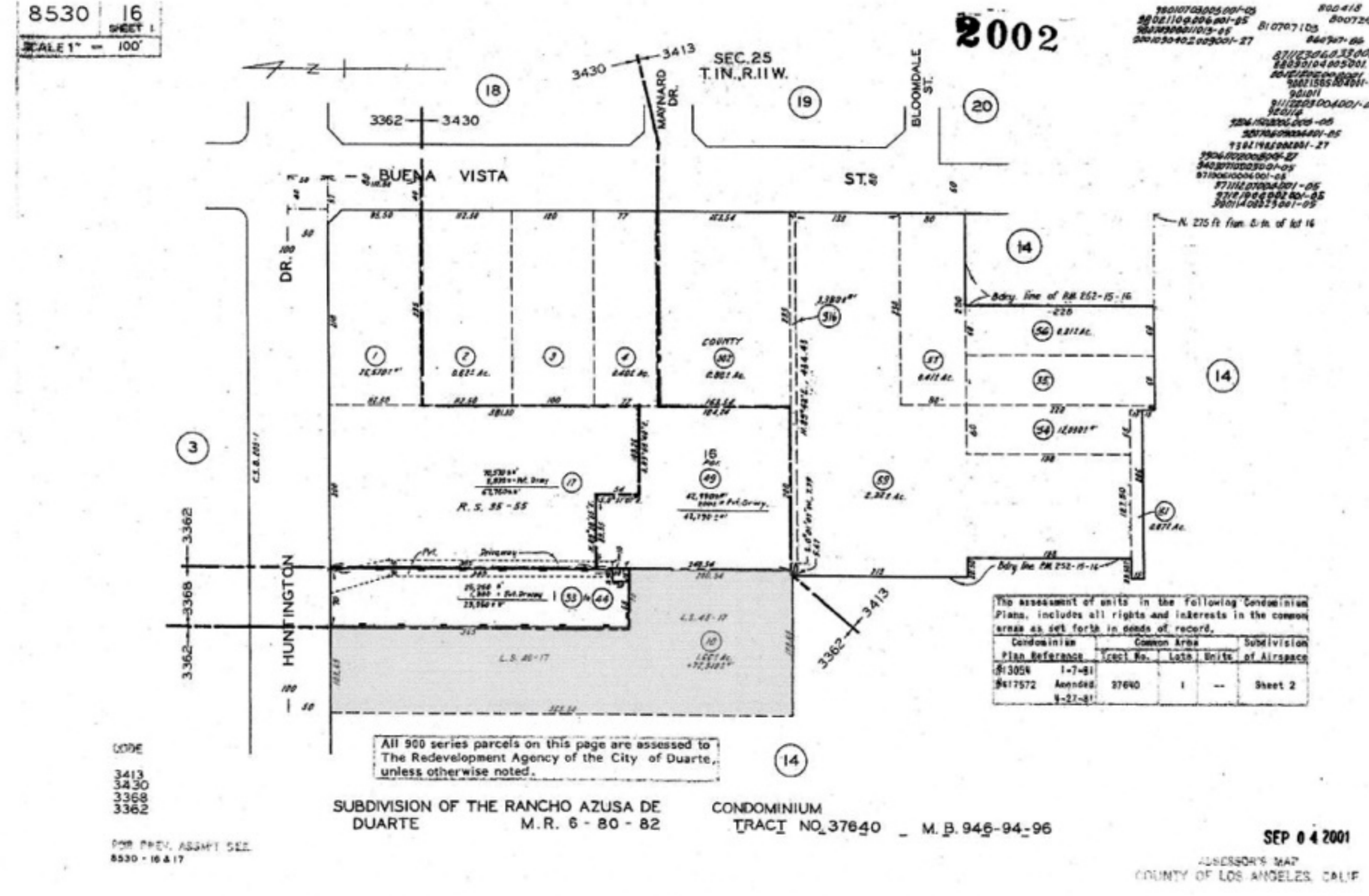
SHEET TITLE
**SITE PLAN/
PATH OF TRAVEL**
SHEET NO.
A-1.0

--- P.O.T.: ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" IF LEVEL AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" AND AT LEAST 48" IN WIDTH. THE SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% SLOPE, UNLESS OTHERWISE INDICATED. LANDING AT DOORWAYS SHALL BE 2% MAX.

ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 84" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTING FROM WALL AND ABOVE 27" AND LESS THAN 84".



1202 HUNTINGTON DRIVE VICINITY MAP



1202 HUNTINGTON DRIVE PLAT MAP

PARKING ANALYSIS FOR HOTEL HUNTINGTON PLAZA:
CITY OF DUARTE MUNICIPAL CODE 19.38.050

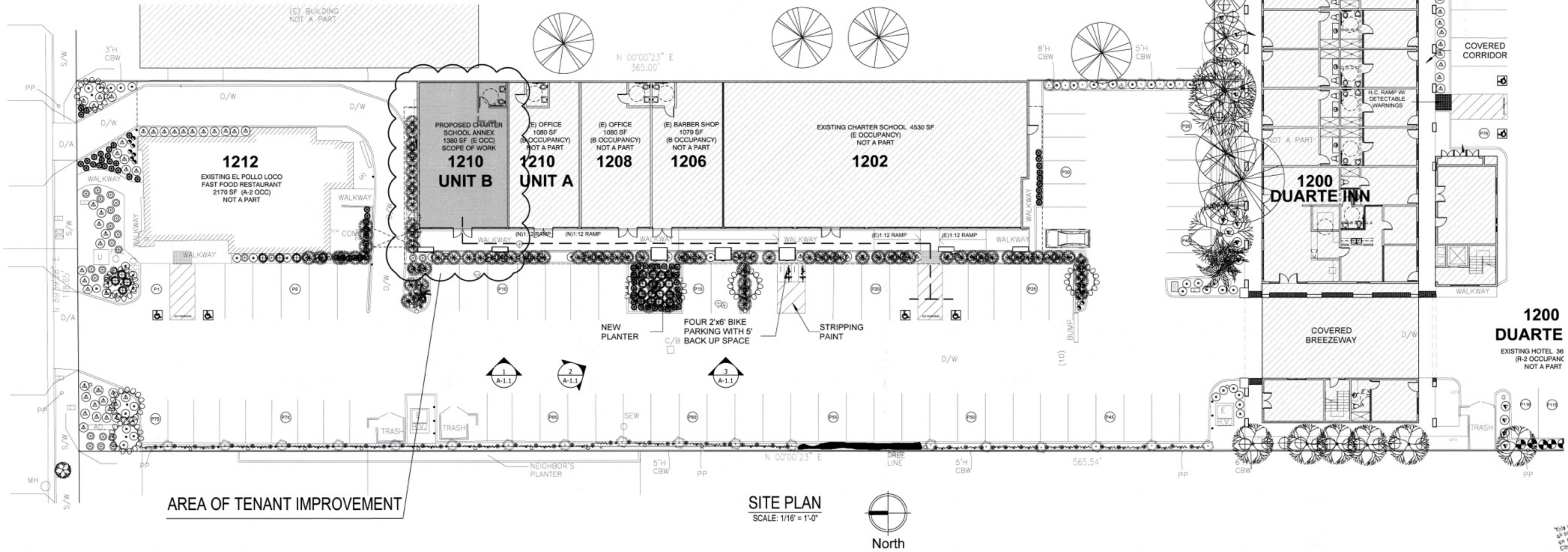
UNIT	BUSINESS	FUNCTION	AREA (SQ FT)	REQ. SPACES	# OF SPACES
1212	EL POLLO LOCO (separate bldg)	FAST FOOD	2170	1:200	11
1210B	PROPOSED CHARTER SCHOOL	HIGH SCHOOL	1380	6/Class + 1:350 Office/Admin Area	7
1210A	STATE FARM	BUSINESS	1080	1:250	5
1208	LA SMART CONSTRUCTION	BUSINESS	1080	1:250	5
1206	LUCA STYLES SALON	BUSINESS	1079	1:250	5
1202	OFL-CHARTER SCHOOL	HIGH SCHOOL	4530	6/Class + 1:350 Office/Admin Area	18
1200	DUARTE INN (separate bldg)	HOTEL	36,220	1/room + add'l users + 1:3 employee	130
TOTAL				47,539	130
TOTAL PARKING AVAILABLE:				STANDARD SPACES:	126
				ACCESSIBLE SPACES:	6



SOUTHEAST-FACADE AND PARKING LOT 1

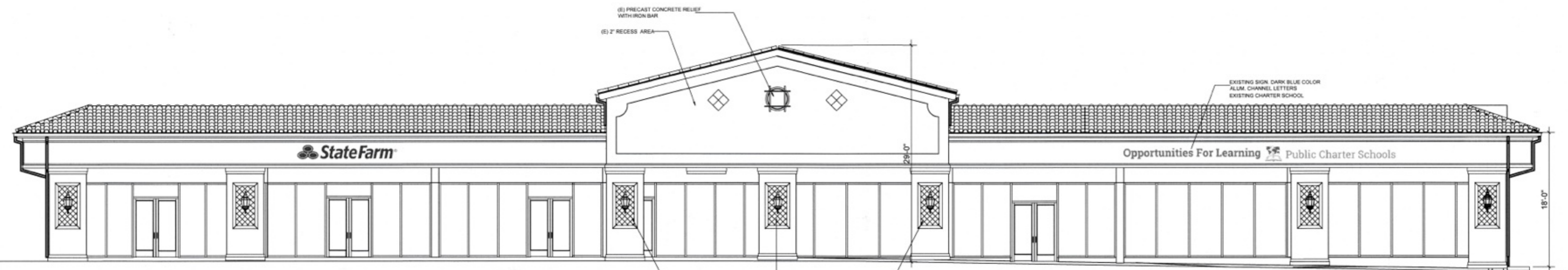


SOUTH-EXISTING ACCESSIBLE PARKING 2



SITE PLAN
SCALE: 1/16" = 1'-0"
North

AREA OF TENANT IMPROVEMENT



EAST BUILDING ELEVATION-EXISTING 3

EDWIN MOHABIR
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REVISIONS

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BUILDING AND SAFETY DIVISION
APPROVED

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Date: _____
Signature: *CM*

PROJECT DATA

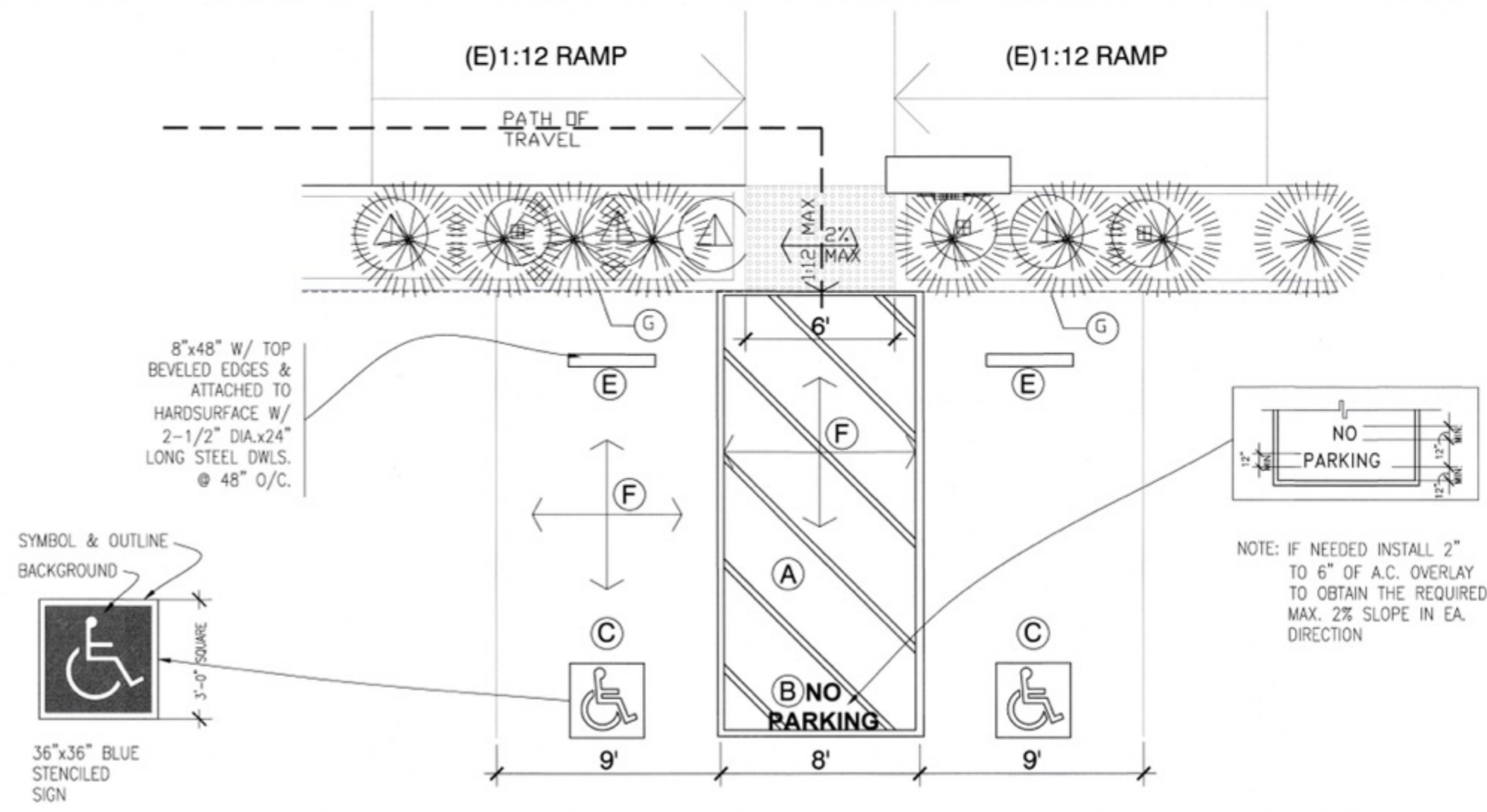
DATE 01-19-26
ARCHITECT EM
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PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

EXISTING
CONDITIONS

SHEET NO.

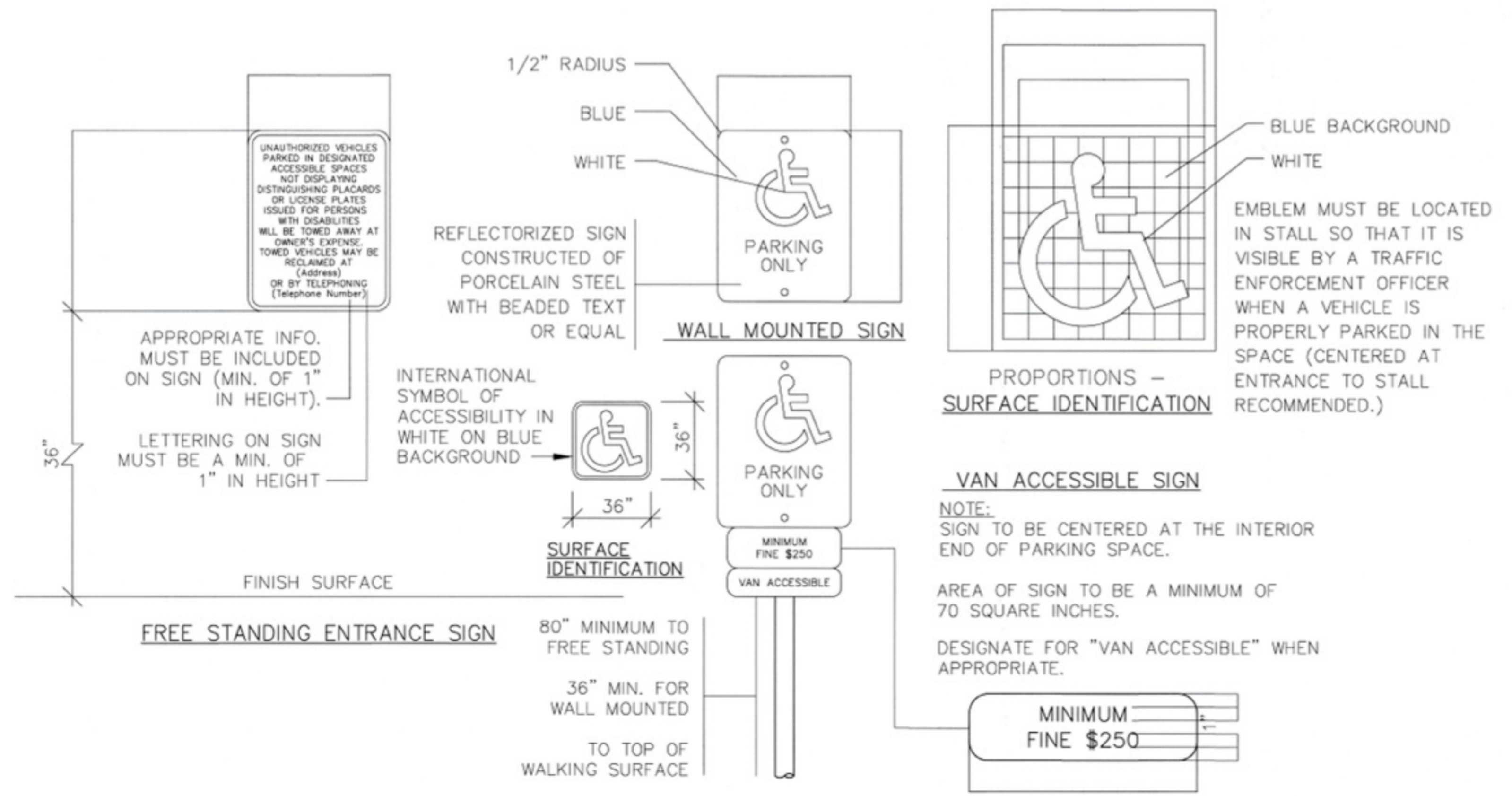
A-1.1



- (A) ACCESS AISLE 5' WIDE X 18 FT LONG
- (B) ACCESS AISLE BORDER PAINTED AROUND PERIMETER OF ACCESS AISLE IN BLUE STRIPE COLOR - BLUE
ACCESS AISLE HATCHED LINES: 36" O.C. - BLUE
WORDS "NO PARKING" MUST BE PAINTED IN WHITE LETTERS - 12" IN HEIGHT
- (C) SURFACE SIGNAGE 36"X36"
- (D) REFLECTORIZED PARKING SIGN 70 SQ. INCH MIN
- (E) WHEEL STOP
- (F) 2% MAX SLOPE IN ALL DIRECTION, PROVIDE NEW ASPHALT SLURRY OVER EXISTING SURFACE
- (G) (E) 6" HIGH CURB

1 (E) ADA COMPLYING PARKING STALLS

Scale: 1/4"=1'-0"



2 ACCESSIBLE PARKING SIGNS

Scale: N.T.S.

SIGNAGE AND IDENTIFICATION OF SPACES:

- EACH ACCESSIBLE PARKING SPACE TO HAVE PERMANENT (70 SQ. IN.) REFLECTORIZED PORCELAIN ENAMELED STEEL SIGN, FREE STANDING SIGNS LOCATED IN A PATH OF TRAVEL SHALL BE MOUNTED A MIN. OF 80" ABOVE WALKING SURFACE. WALL MOUNTED SIGNS LOCATED AT INTERIOR END OF PARKING SPACE SHALL BE MOUNTED A MIN. OF 36" ABOVE FINISH GRADE.
- OFF-STREET PARKING FACILITIES TO HAVE SIGN AT EACH ENTRANCE OR IMMEDIATELY ADJACENT TO OR VISIBLE FROM EACH STALL OR SPACE NOT LESS THAN 17"x22" IN SIZE. SIGN TEXT TO BE BEADED (OR ERQUAL).
- SIGN TEXT TO STATE THE FOLLOWING: "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNER'S EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT _____ OR BY TELEPHONING _____." FILL IN BLANK SPACES WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN. CONTACT LOCAL JURISDICTION FOR APPROPRIATE INFORMATION.
- SIGNS SHALL BE LOCATED CURB SIDE SO THAT A 24" OVERHANG OF A PARKED VEHICLE SHALL NOT DAMAGE IT.

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STEVENSON RANCH, CA 91381
tel: 323-4598809 . edwinmohabir@gmail.com



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Date: _____
Signature: *Chad*

PROJECT DATA

DATE 01-19-26
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

EXISTING CONDITIONS

SHEET NO.
A-1.2

WALL LEGEND

-  EXISTING WALL TO REMAIN
-  EXISTING 2-HR OCCUPANCY SEPARATION WALL FROM FLOOR TO UNDERSIDE OF ROOF FIELD VERIFY.
-  WALL TO BE REMOVED
-  DOOR TO BE REMOVED

SCOPE OF WORK KEYNOTES:

1. DEMO (E) NON-STRUCTURAL METAL STUD WALL.
2. REMOVE EXISTING PLUMBING FIXTURES.
3. REMOVE ALL (E) RECESSED LIGHTING IN EXISTING HARD LID CEILING. TO BE REPLACED WITH (N) LED LIGHT FIXTURES IN T-BAR CEILING.
4. RELOCATE EXISTING ELECTRICAL PANEL.

EDWIN MOHABIR

EM

ARCHITECT, INC.

25206 BISHOP CT.
STEVENS RANCH, CA 91381
tel: 323-4598809 . edwinmohabir@gmail.com



A PROJECT FOR:



1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED

This set of plans & specifications must be kept on the job at all times and is intended to make any change or alterations on some of the most critical items for building & safety. City of Duarte. The contractor shall be responsible for the approval of this violation of any provision of any City Ordinance or State Law.

Date: _____
Signature: *[Signature]*

PROJECT DATA

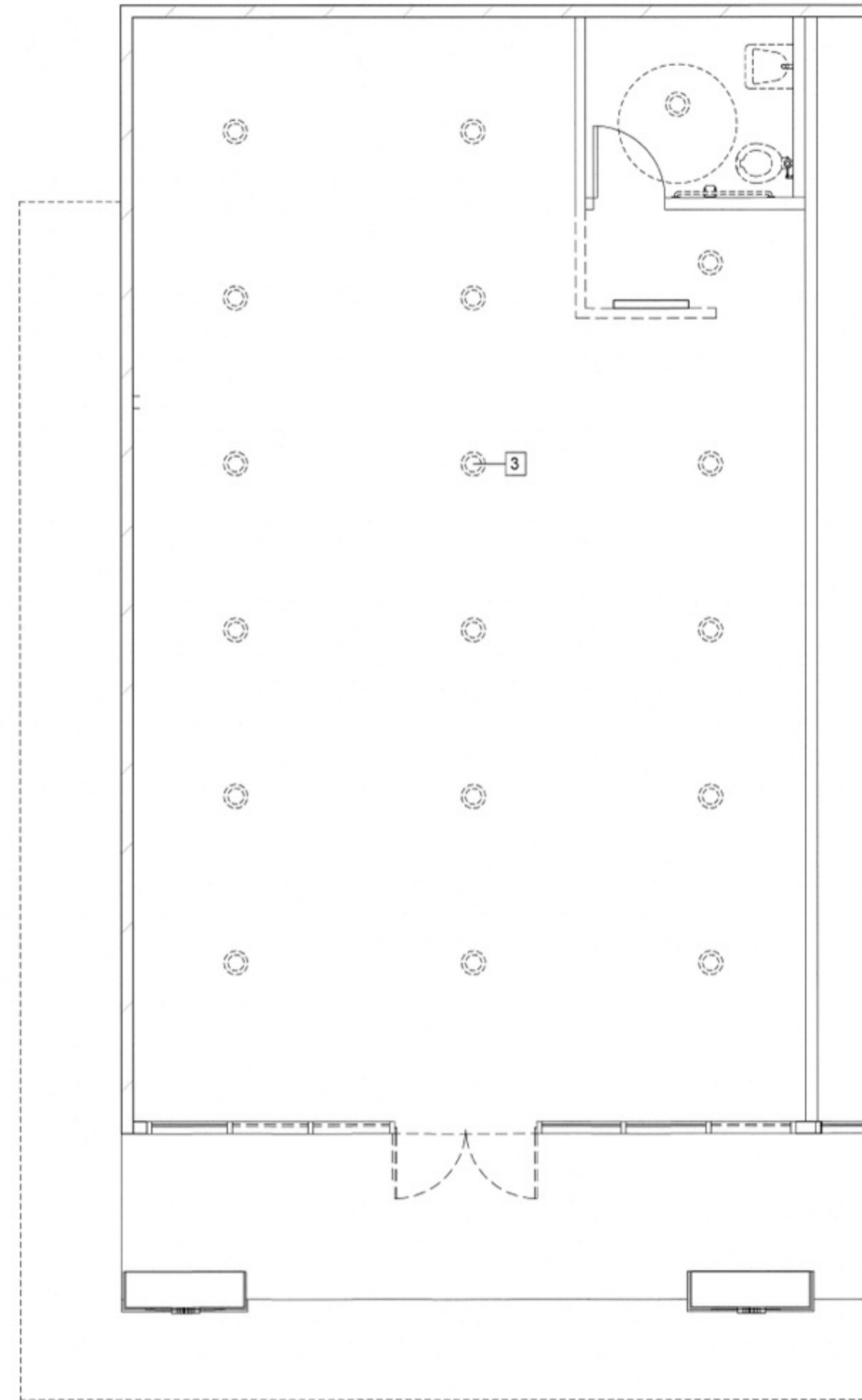
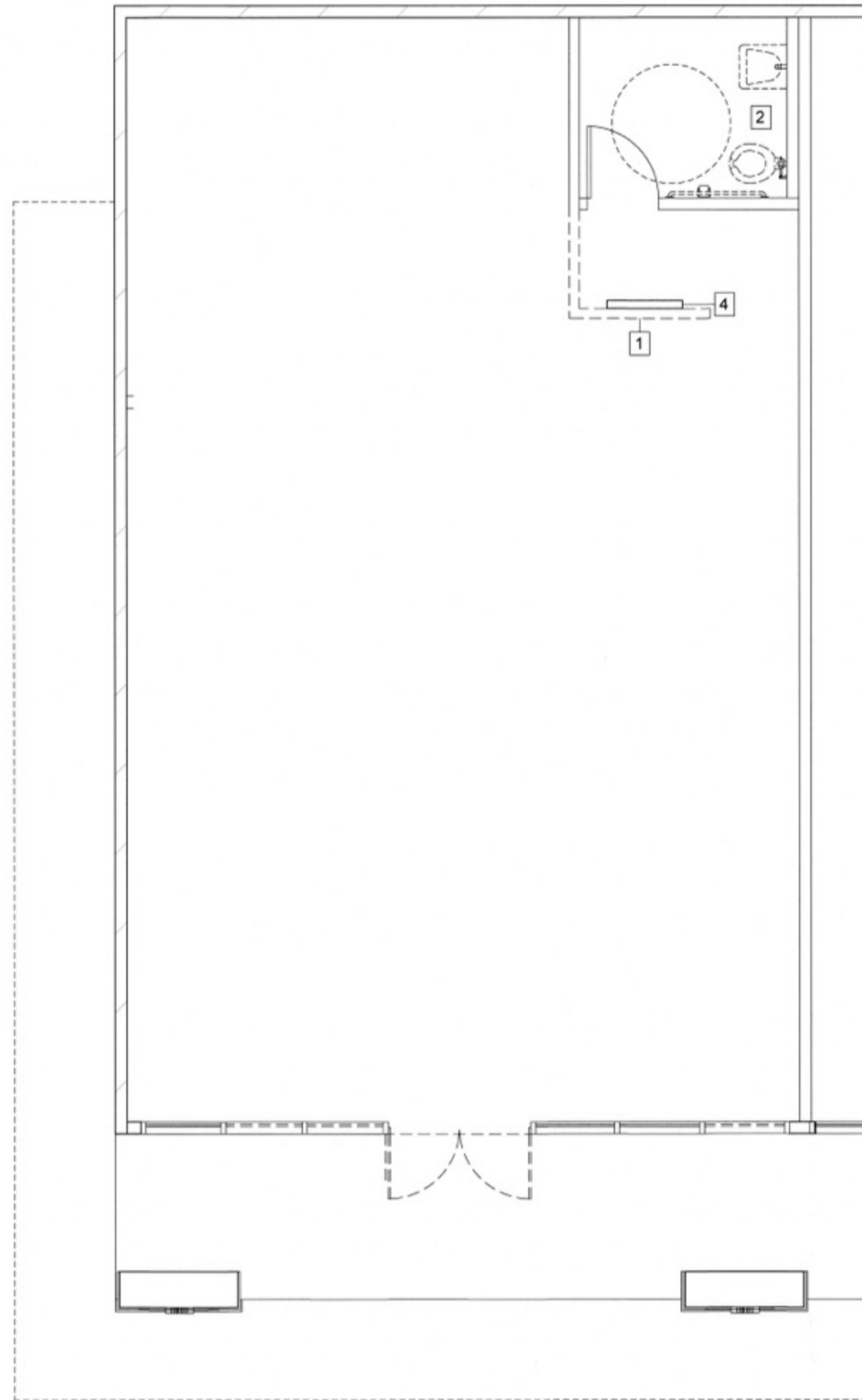
DATE 01-19-26
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

AS-BUILT/DEMO
FLOOR PLAN
AND CEILING PLAN

SHEET NO.

A-2.0



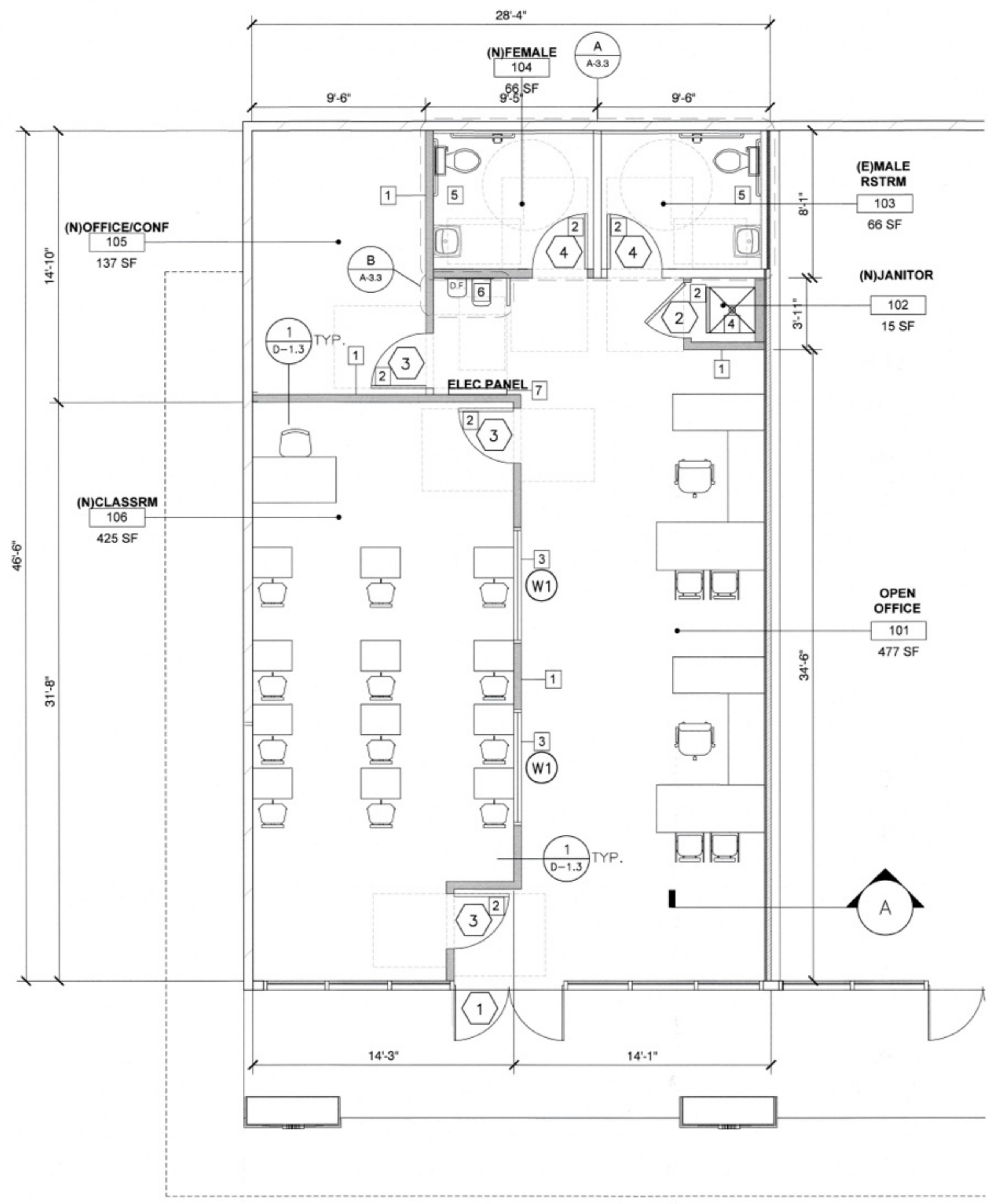
1 As-Built/Demo Floor Plan

Scale: 1/4"=1'-0"



2 As-Built/Demo Ceiling Plan

Scale: 1/4"=1'-0"



1 Proposed Floor Plan
Scale: 1/4"=1'-0"



WALL LEGEND

- EXISTING WALL (TO REMAIN)
- NEW 2-HR OCCUPANCY SEPARATION WALL FROM FLOOR TO UNDERSIDE OF ROOF FIELD VERIFY.
- NEW METAL STUD WALL w/ GYP. BD.

SCOPE OF WORK KEYNOTES:

1. ADD NEW NON-STRUCTURAL METAL STUD WALL.
2. ADD NEW 3'-0" X 6'-8" DOORS AT ALL ROOMS. SEE A-4.0 FOR DOOR SCHEDULE.
3. ADD 2 NEW 6'-0" X 4'-0" WINDOWS AT NEW CLASSROOM. SEE A-4.0.
4. ADD SERVICE SINK IN NEW JANITOR CLOSET.
5. PROVIDE NEW ACCESSIBLE PLUMBING FIXTURES AND GRAB BARS TO NEW AND EXISTING UNISEX RESTROOMS.
6. ADD NEW DRINKING FOUNTAIN AND PROVIDE STAINLESS STEEL BARRIER PROTECTION.
7. RELOCATED ELECTRICAL PANEL.

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tel. 323-4598809 edwinmohabir@gmail.com

A PROJECT FOR:

Options For Youth
Public Charter Schools

1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:

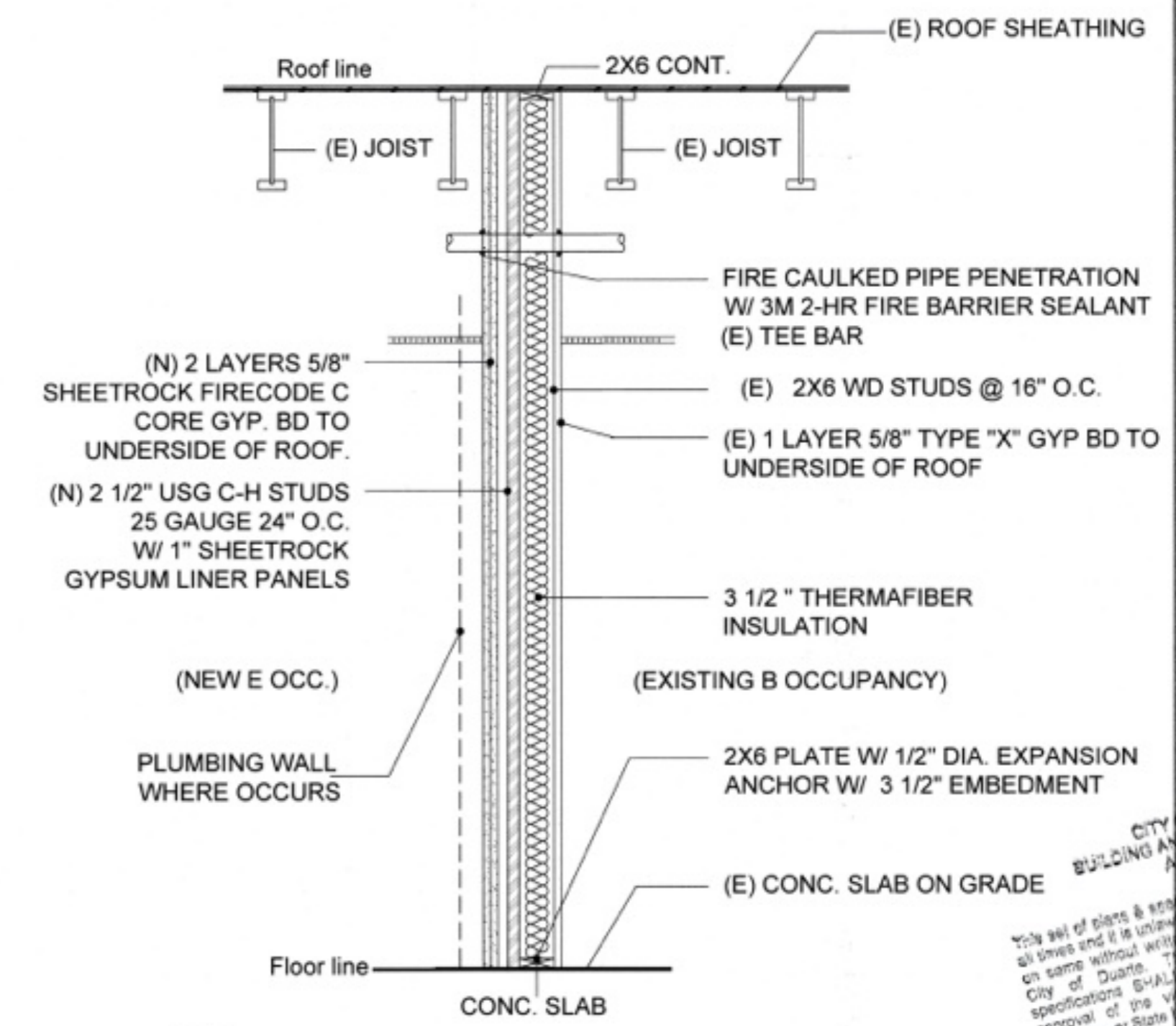
LUPINE
CONSTRUCTION & DEVELOPMENT

715 ARROW GRAND CIRCLE
COVINA, CA 91722

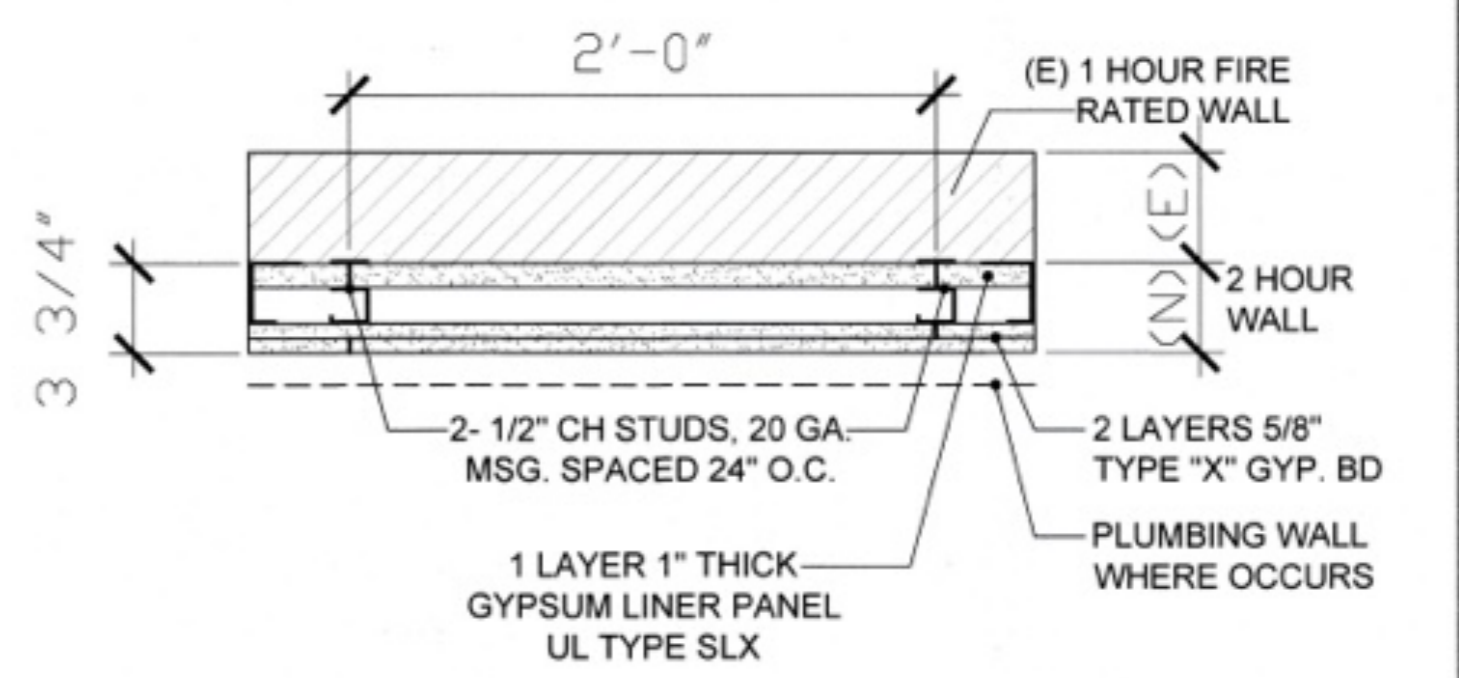
REVISIONS

CITY OF DUARTE BUILDING AND SAFETY DIVISION APPROVED

Signature: *[Signature]*



A NEW 2-HOUR OCC. SEPARATION SECTION UL 415 B



B (N) 2 HR FIRE RATED OCCPANCY SEPARATION: PLAN VIEW. UL415 B

PROJECT DATA

DATE 01-19-26

ARCHITECT EM

CHECKED BY EM

DRAWN BY AA

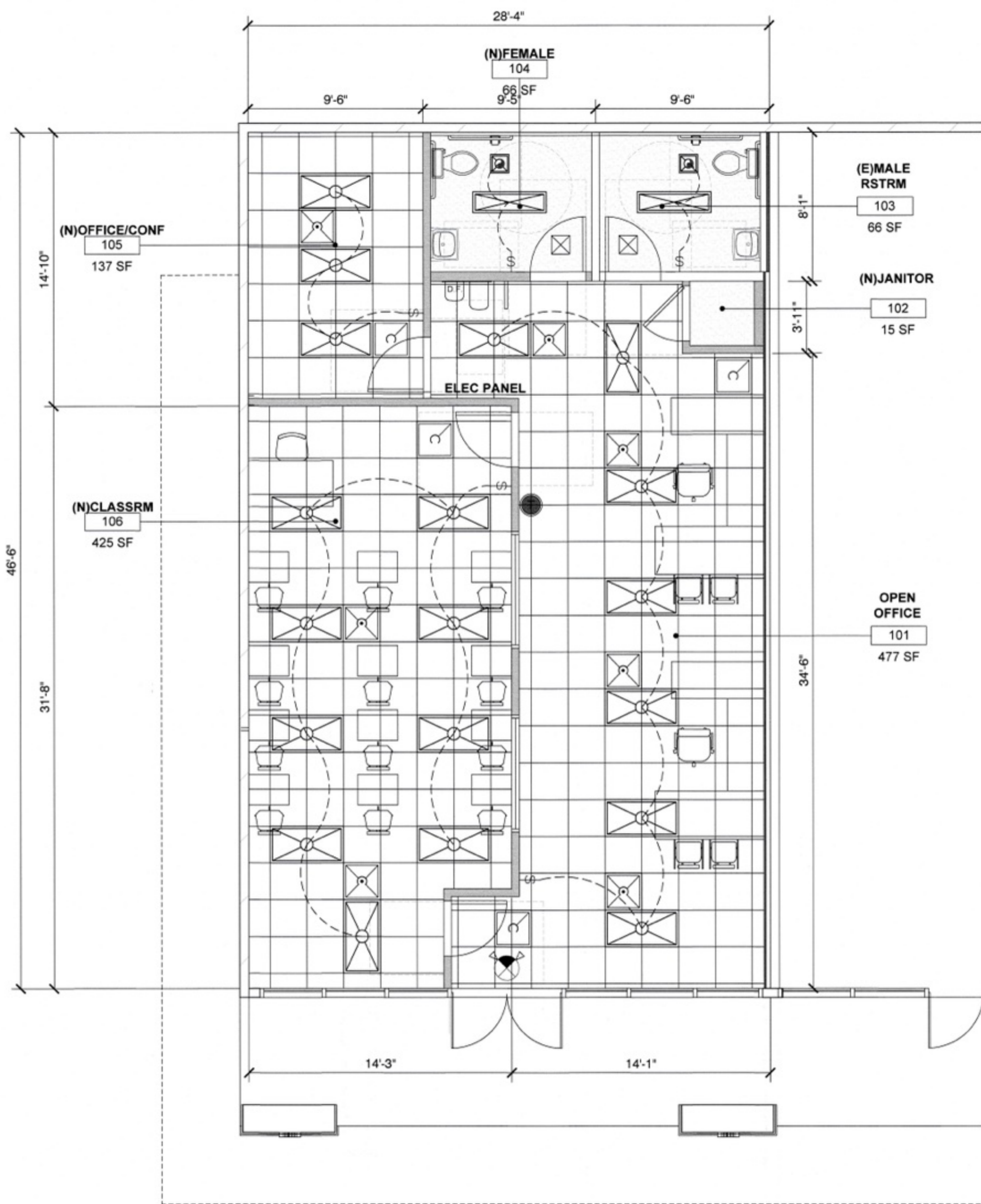
PROJECT NO. -

SCALE AS NOTED

SHEET TITLE

PROPOSED FLOOR PLAN

SHEET NO. A-3.0



WALL LEGEND

- EXISTING WALL
- EXISTING 1-HR OCCUPANCY SEPARATION WALL FROM FLOOR TO UNDERSIDE OF ROOF
- NEW METAL STUD WALL w/ GYP. BD.

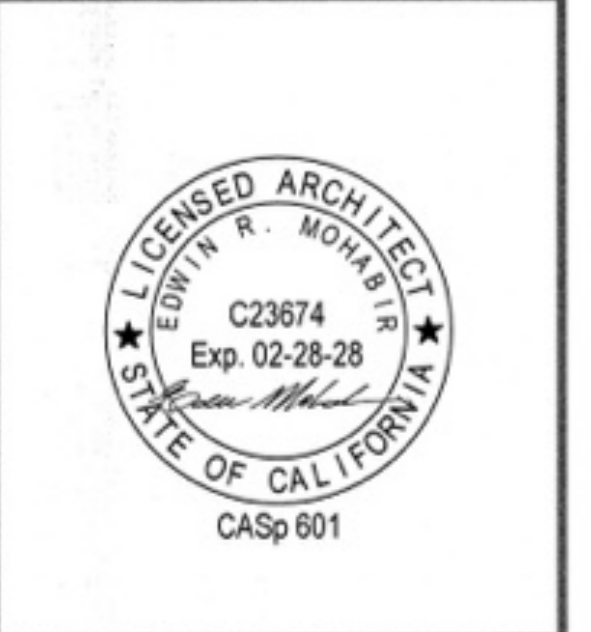
SYMBOLS

- (N) LED LIGHT FIXTURE AT T-BAR
- (N) SURFACE MOUNTED LIGHT FIXTURE
- (N) RECESSED CAN LIGHTS
- (N) LIGHT SWITCH
- (N) EXHAUST FAN. MIN 50 CFM
- (N) SUPPLY AIR (HARD LID)
- (N) SUPPLY AIR (T-BAR)
- (N) RETURN AIR (T-BAR)
- (N) THERMOSTAT
- (N) SELF-ILLUMINATING EXIT SIGN WITH SELF CONTAINED 90 MIN BATTERY PACK BACKUP UNIT

NOTES:

- RESTROOM LIGHTS SHALL BE OPERATED BY A VACANCY SENSOR.
- ALL OFFICES SHALL BE CONTROLLED BY AN OCCUPANT SENSOR, SHUTTING OFF WITHIN 20-30 MINUTES AFTER ROOM IS VACATED.
- PATCH CEILING TO MATCH EXISTING WHERE WALLS ARE REMOVED.

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A PROJECT FOR:
Options For Youth
 Public Charter Schools
 1210B E. HUNTINGTON DR.
 DUARTE, CA 91010

CLIENT:
LUPINE
 CONSTRUCTION & DEVELOPMENT
 715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS

PC: CARLOS G. 05/04/26
 APPROVED

This set of plans and specifications must be read on the job at all times and it is the responsibility of the contractor to make any changes or omissions on same without the written permission from Building & Safety, City of Duarte. ALL NOT BE HELD TO BE IN CONFORMANCE WITH THE SPECIFICATIONS OF THE CONTRACT OR THE ORDINANCES OF THE CITY OF DUARTE.

Date: _____
 Signature: *Carlos G.*

PROJECT DATA

DATE 01-19-26
 ARCHITECT EM
 CHECKED BY EM
 DRAWN BY AA
 PROJECT NO. -
 SCALE AS NOTED

SHEET TITLE

PROPOSED CEILING PLAN

SHEET NO.
A-3.1

1 Proposed Ceiling Plan
 Scale: 1/4" = 1'-0"
 North

WALL LEGEND	
	EXISTING WALL
	EXISTING 1-HR OCCUPANCY SEPARATION WALL FROM FLOOR TO UNDERSIDE OF ROOF
	NEW METAL STUD WALL w/ GYP. BD.

SYMBOLS	
	(N) DUPLEX RECEPTACLE
	(N) DATA OUTLET
	(N) ELEC. PANEL

REMOVE ALL EXISTING ELECTRICAL CONDUIT, OUTLETS AND WIRES.

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REVISIONS

CITY OF DUARTE
 BUILDING AND SAFETY DIVISION
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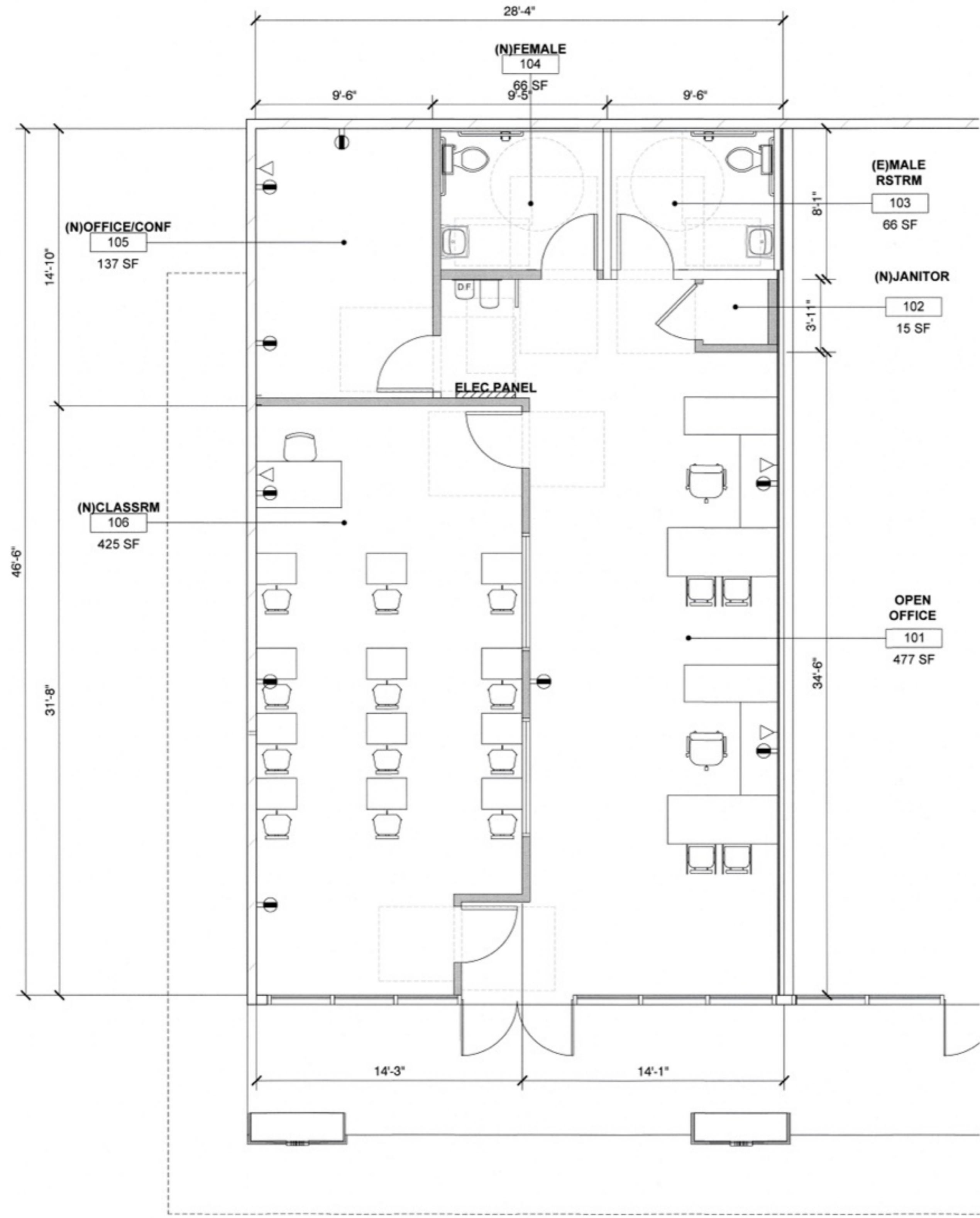
Date: _____
 Signature:

PROJECT DATA

DATE	01-19-26
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

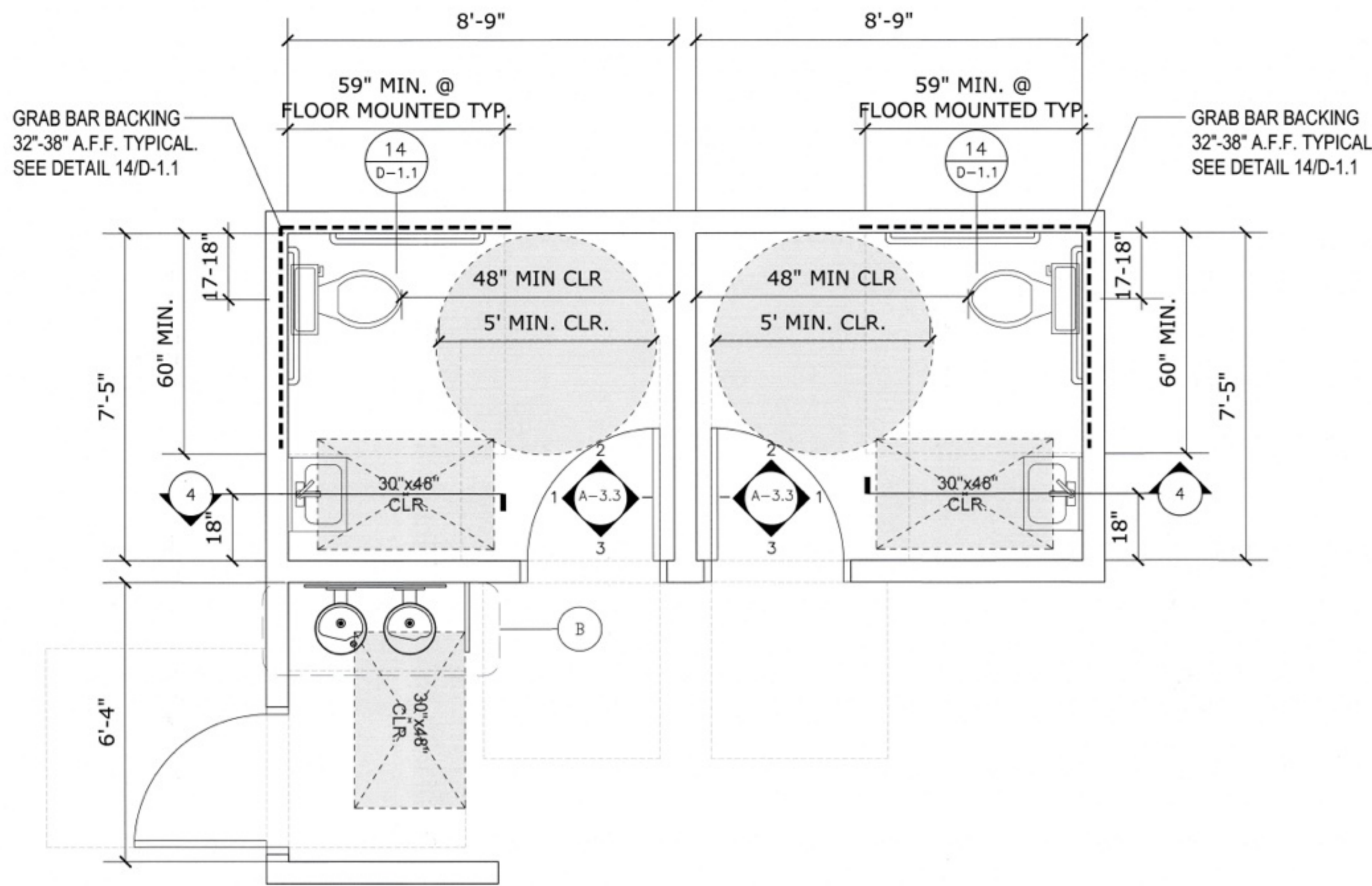
SHEET TITLE
PROPOSED ELECTRICAL PLAN

SHEET NO.
A-3.2



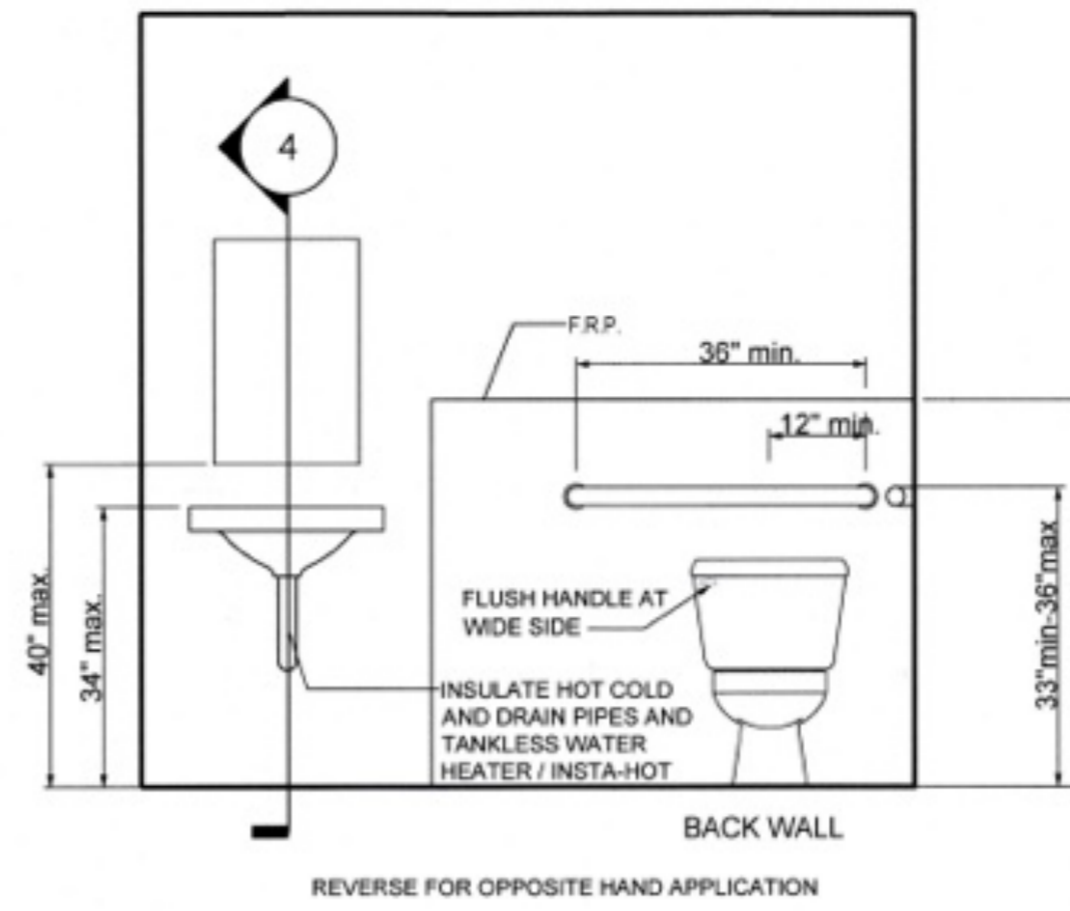
1 Proposed Electrical Plan
 Scale: 3/16"=1'-0"





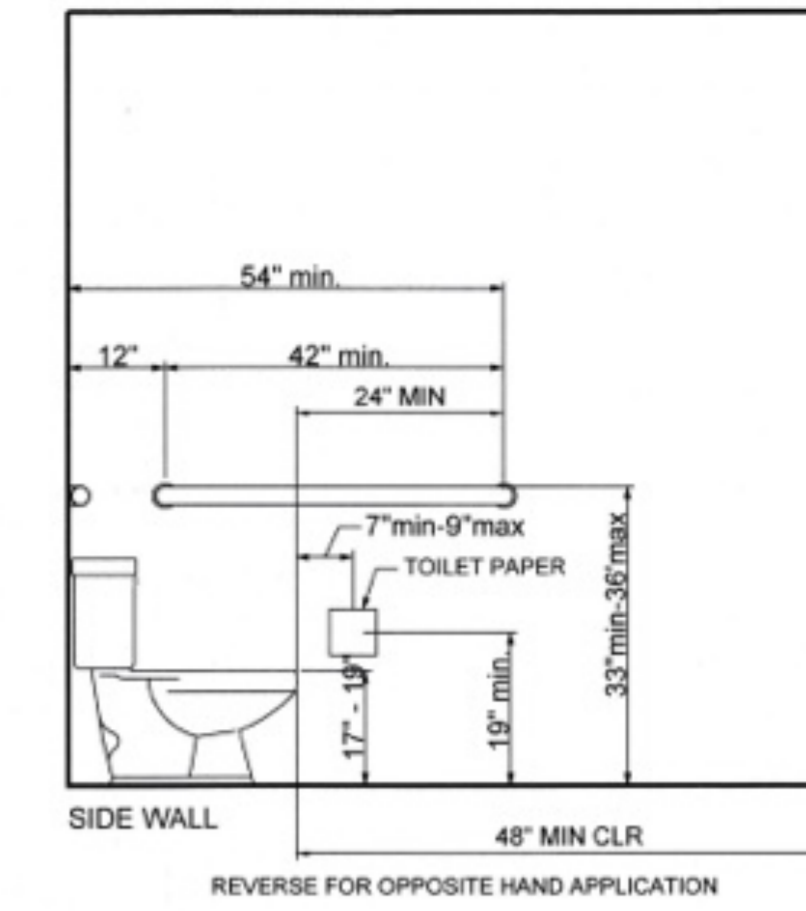
A ENLARGED FLOOR PLANS

Scale: 1/2"=1'-0"



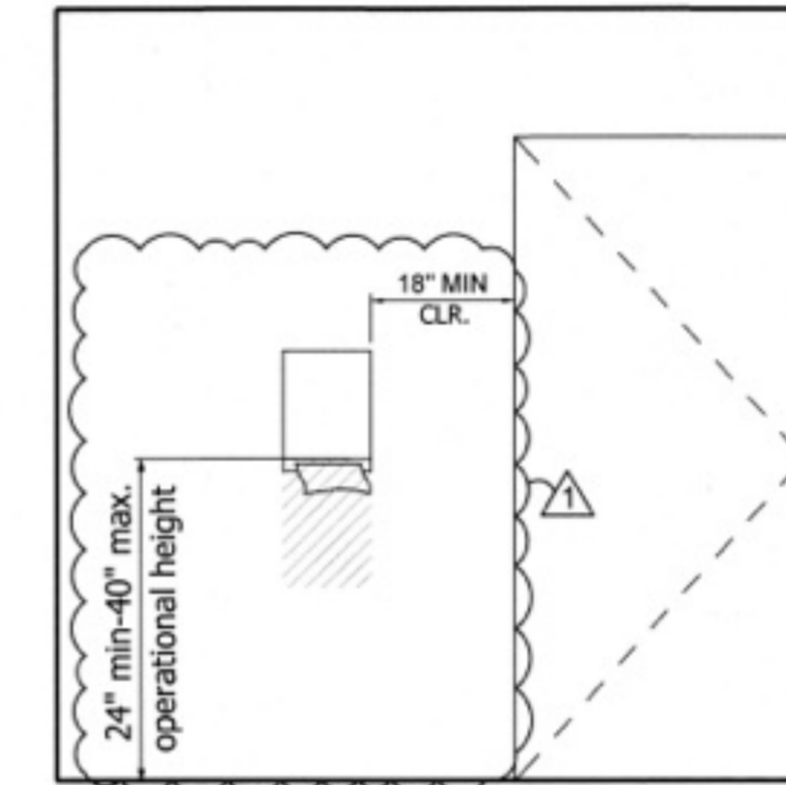
1 ELEVATION

Scale: 1/2"=1'-0"



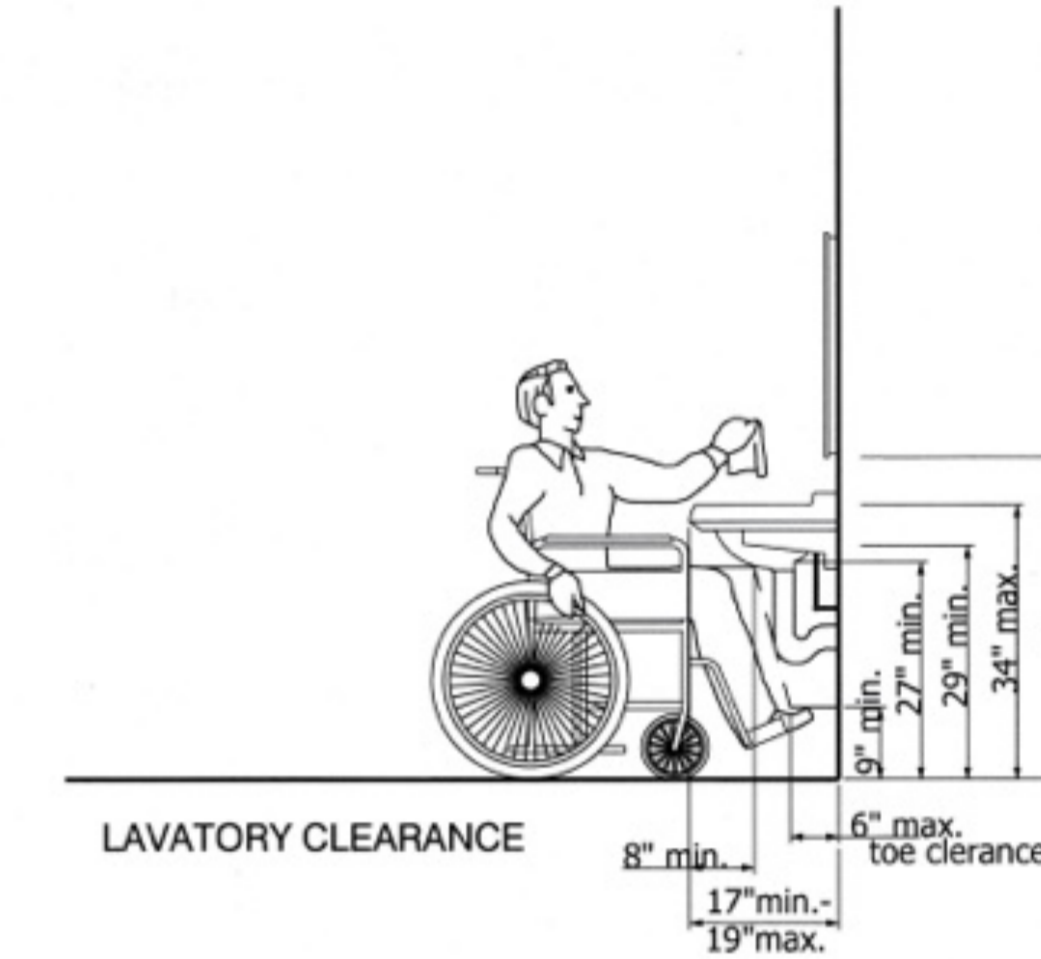
2 ELEVATION

Scale: 1/2"=1'-0"



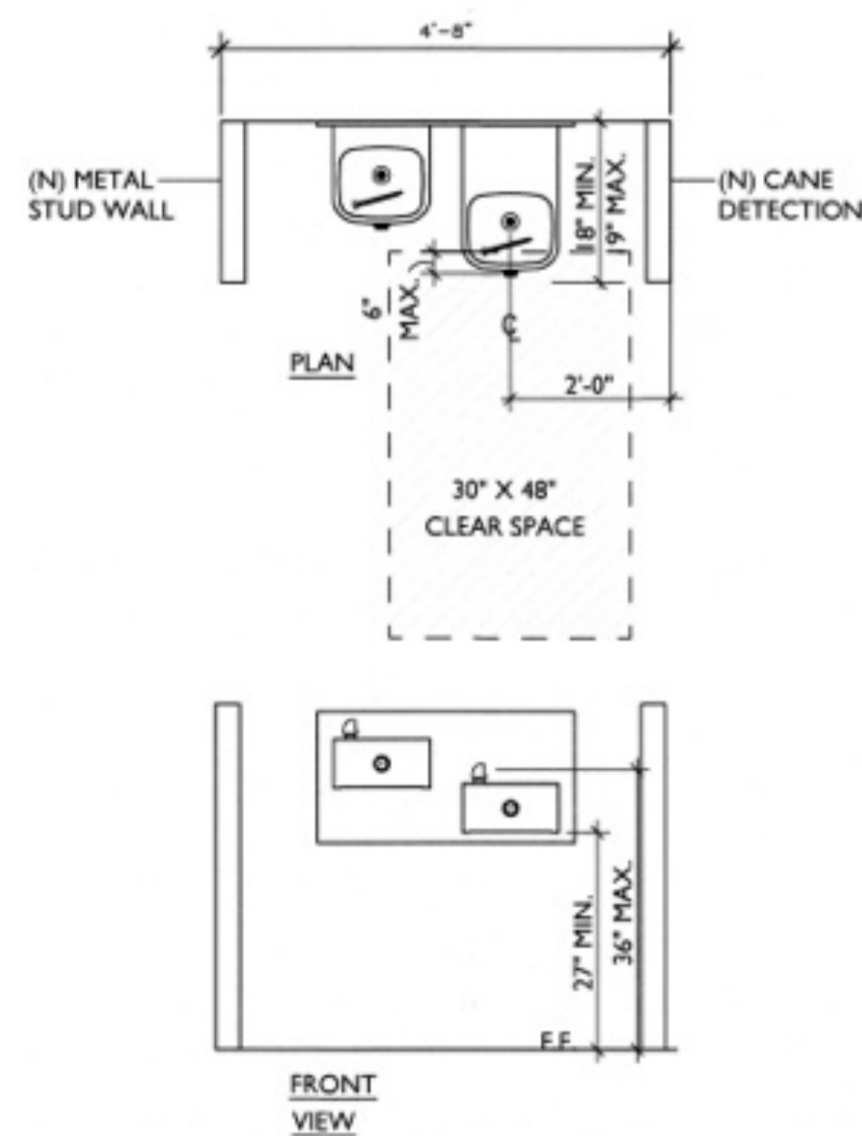
3 ELEVATION

Scale: 1/2"=1'-0"

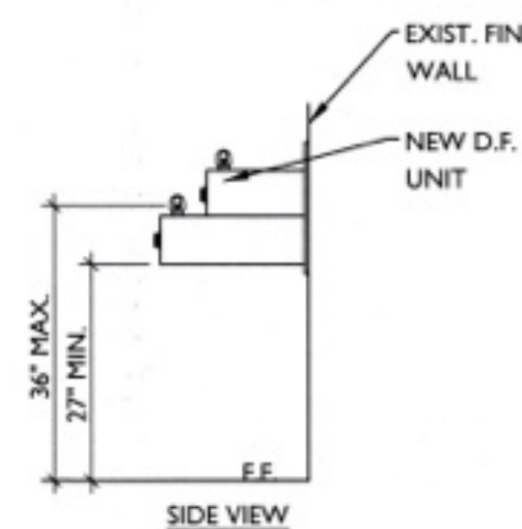


4 CLEARANCE

Scale: 1/2"=1'-0"



NOTE
 11B-602.9 Pedestrian protection. All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches (813 mm) wide minimum and 18 inches (457 mm) deep minimum, and shall comply with Section 11B-305.7. When used, wing walls or barriers shall project horizontally at least as far as the drinking fountain and to within 6 inches (152 mm) vertically from the floor or ground surface.



B ENLARGED DRINKING FOUNTAIN

Scale: 1/2"=1'-0"



A PROJECT FOR:



1210B E. HUNTINGTON DR.
 DUARTE, CA 91010

CLIENT:



715 ARROW GRAND CIRCLE
 COVINA, CA 91722

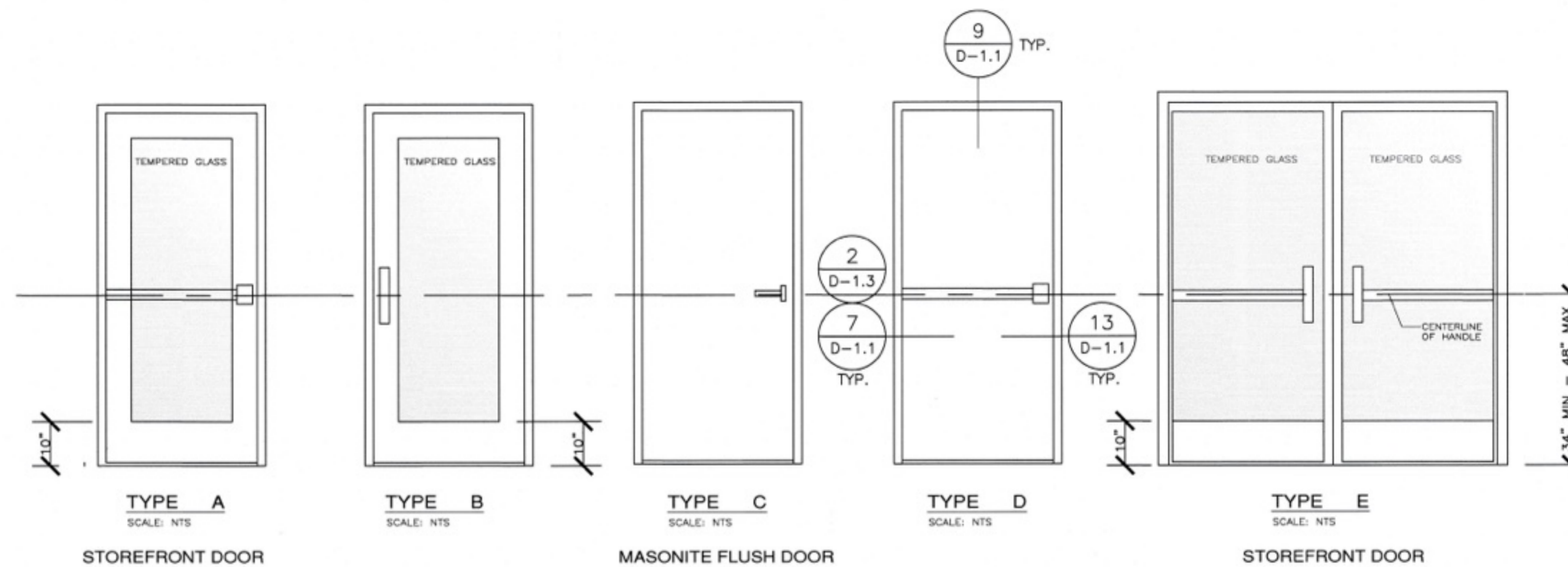
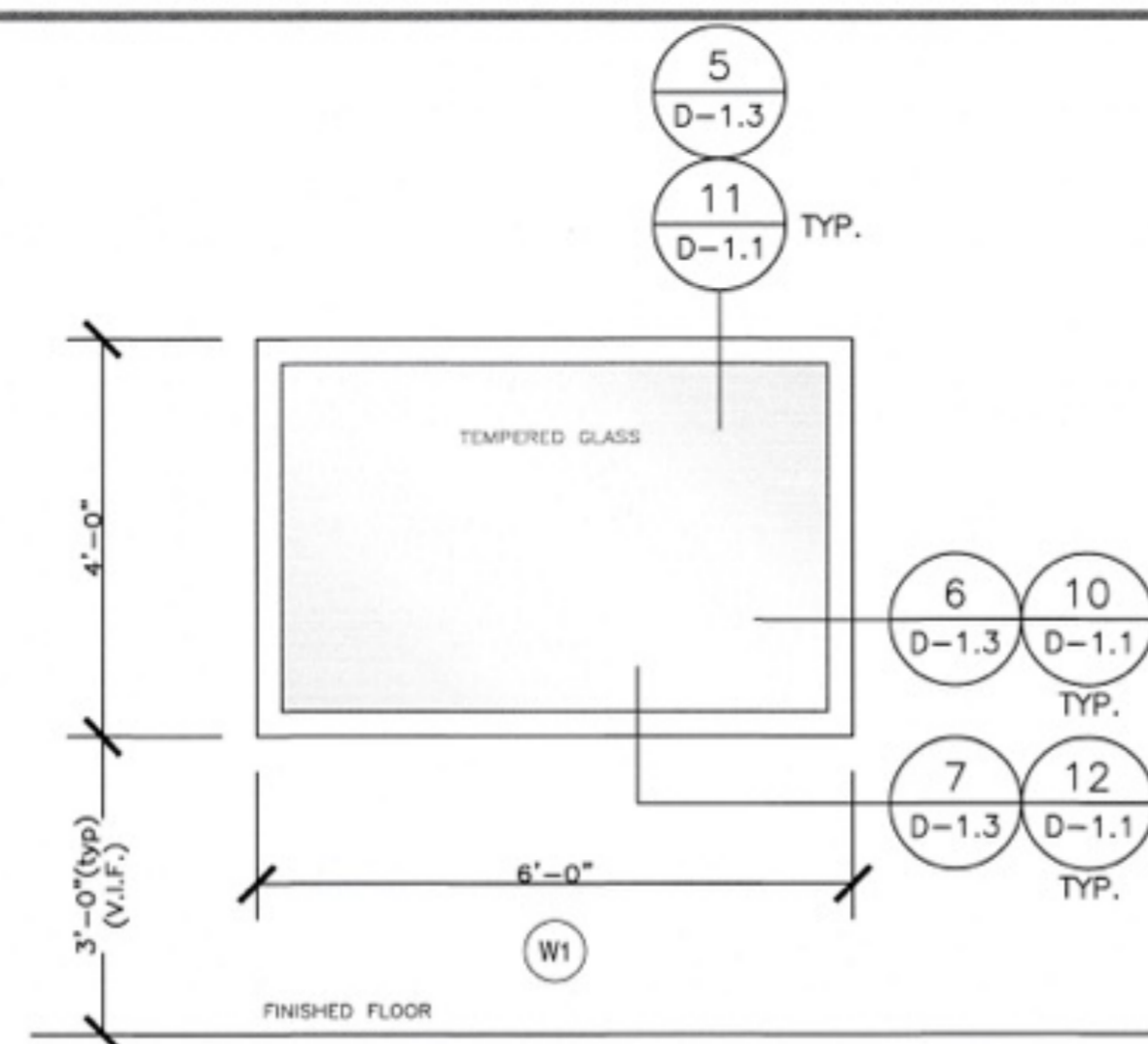
REVISIONS

PC1: CARLOS G. 05/04/26
 CITY OF DUARTE
 BUILDING AND SAFETY DIVISION
 APPROVED
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PROJECT DATA	
DATE	01-19-26
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

SHEET TITLE
ENLARGED PLANS AND ELEVATIONS

SHEET NO.
A-3.3



DOOR & FRAME SCHEDULE												
DOOR							TIMELY FRAME BROWN TONE			HARDWARE		FIRE RATING & ETC.
NO.	SIZE	TYPE	MAT.	CORE	FINISH	GLASS	TYPE	MAT.	FINISH	TYPE	LOCKSET	
1	2-36"x80"x1-3/4"	E	HM	GL	PRE	GL	-	HM	PRE	CL, PB, TH, LS	CAL ROYAL US32D	(E) STOREFRONT ENTRY
2	36"x80"x1-3/4"	C	HM	SC	ST/PT	-	-	HM	PT	LS	CAL ROYAL SL05	(N) DOOR AT JANITOR CLOSET
3	36"x80"x1-3/4"	B	W/G	GL	PRE	GL	-	HM	PT	LS, CL	CAL ROYAL SL00	(N) DOORS AT OFFICE & CLASSROOM
4	36"x80"x1-3/4"	C	W/M	SC	ST/PT	-	-	HM	PT	LPRS, CL	CAL ROYAL SL20	(N) DOORS AT RESTROOMS

LEGEND												
AL	ALUMINUM	HM	HOLLOW METAL	PRE	PRE-FINISHED	W	WOOD					
BB	BALL BEARING BOLTS	IN	INSULATED	PT	PAINT	WS	WEATHERSTRIPPING					
C	CHAIN	LPRS	LEVER PRIVACY SET	SC	SOLID CORE	M	MASONITE FLUSH DOOR					
CL	CLOSER	LS	LOCK SET	ST	STAIN	E	EXISTING DOOR TO REMAIN					
DB	DEAD BOLT	NRP	NON REMOVABLE PIN	ST	STOP							
GL	GLAZING	PB	PANIC BAR	TH	ALUMINUM THRESHOLD							

ROOM FINISH SCHEDULE												
NO.	ROOM NAME	FLOOR		WALL								CEILING
		BASE	FINISH	NORTH		SOUTH		WEST		EAST		
				MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	
101	OPEN OFFICE	RB	CPT	DW	PT	DW	PT	DW	PT	DW	PT	ACT
102	JANITOR	RV	VS	MRD	PT	MRD	PT	MRD	PT	MRD	PT	MRD
103	UNISEX RESTROOM	RV	VCT	MRD	PT	MRD	PT	MRD	PT	MRD	PT	MRD
104	UNISEX RESTROOM	RV	VCT	MRD	PT	MRD	PT	MRD	PT	MRD	PT	MRD
105	OFFICE/CONFERENCE	RB	CPT	DW	PT	DW	PT	DW	PT	DW	PT	ACT
106	CLASSROOM	RB	VCT	DW	PT	DW	PT	DW	PT	DW	PT	ACT

- ALL WALL AND CEILING FINISHES MUST COMPLY WITH CBC SEC 803. CLASS C MINIMUM
- FLOOR COVERING MATERIALS SHALL COMPLY WITH ASTM STANDARD E648 AND HAVING A SPECIFIC OPTICAL DENSITY SMOKE RATING NOT TO EXCEED 450 PER ASTM E662. CBC 804.4.2

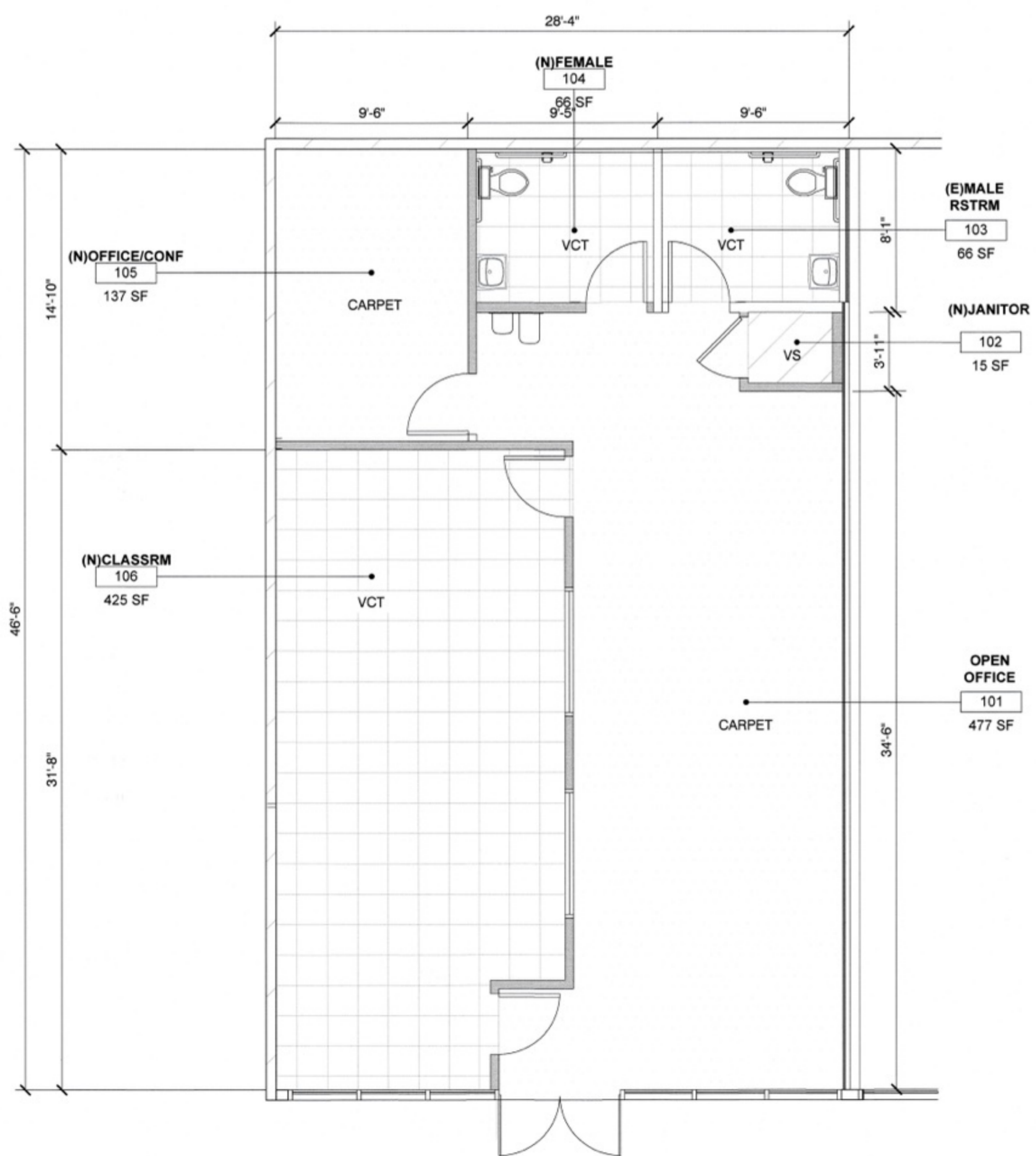
LEGEND												
ACT	ACOUSTIC TILE	FRP	FIBER REINFORCED PANELS	RB	RUBBER BASE							
CPT	CARPET	M	MDF BOARD	RV	ROLL VINYL COVE BASE							
CFB	2 LAYERS 1/2" CEMENT FIBER BOARD	MRD	MOLD RESISTANT DRYWALL	VCT	RESILIENT VINYL TILE (VINYL COMPOSITION TILE)							
CT	CERAMIC TILE	P	PLYWOOD	VS	VINYL SHEET							
DW	DRYWALL	PT	PAINT									

CARPET: COMMERCIAL QUEEN SHEET CARPET BY SHAW. STYLE NAME-INSPIRED #Q0420 COLOR- ANCHOR NO PAD INCLUDED. CARPET TO BE PLACED AT:
 1. READING AREA
 2. OFFICES

VCT: ARMSTRONG STANDARD EXCELON (12" X 12" X 1/8") COLOR #S1899/#S1946 PER PATTERN OFY & OFL VCT TO BE PLACED AT:
 1. STORAGE CLOSET
 2. BREAK ROOM
 3. IT ROOM
 4. CLASSROOMS

SHEET VINYL: TERRENE SHEET VINYL COLOR STEEL W/ WELDED SEAMS SHEET VINYL TO BE PLACED AT:
 1. RESTROOM 106 WITH 6" ROLLED VINYL COVE
 2. RESTROOM 107 WITH 6" ROLLED VINYL COVE
 3. JANITOR CLOSET
 4. LAB

RUBBER BASE: BURKE FLOORING COLOR 701 BLACK CLASS: 1 RUBBER BASE TO BE PLACED AT:
 1. RESTROOMS
 2. JANITOR CLOSET
 3. LAB



FINISH FLOOR PLAN

EDWIN MOHABIR
EM
 ARCHITECT, INC.
 25206 BISHOP CT.
 STEVENSON RANCH, CA 91381
 tel: 323-4598809 edwinmohabir@gmail.com



A PROJECT FOR:
 Options For Youth
 Public Charter Schools
 1210B E. HUNTINGTON DR.
 DUARTE, CA 91010

CLIENT:
LUPINE
 CONSTRUCTION & DEVELOPMENT
 715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS

CITY OF DUARTE
 BUILDING AND SAFETY DIVISION
 APPROVED

PROJECT DATA
 DATE 01-19-26
 ARCHITECT EM
 CHECKED BY EM
 DRAWN BY AA
 PROJECT NO.
 SCALE AS NOTED

SHEET TITLE
 DOOR/WINDOW/
 FINISH SCHEDULES
 SHEET NO.
 A-4.0



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NOTE: STUD MUST BE SEATED TIGHT TO TRACK WEB (MAX. GAP = 1/16")

signature: _____

PROJECT DATA

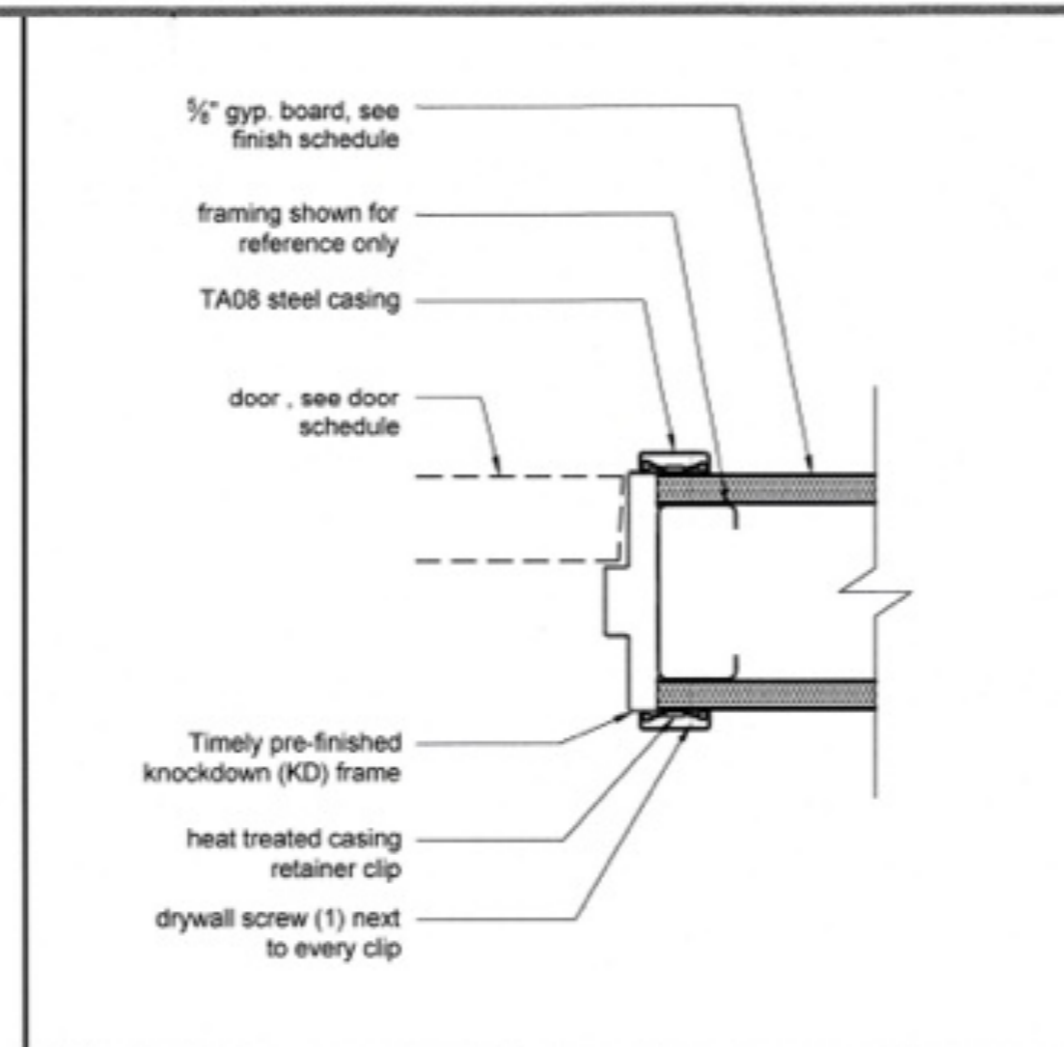
DATE 01-19-26
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

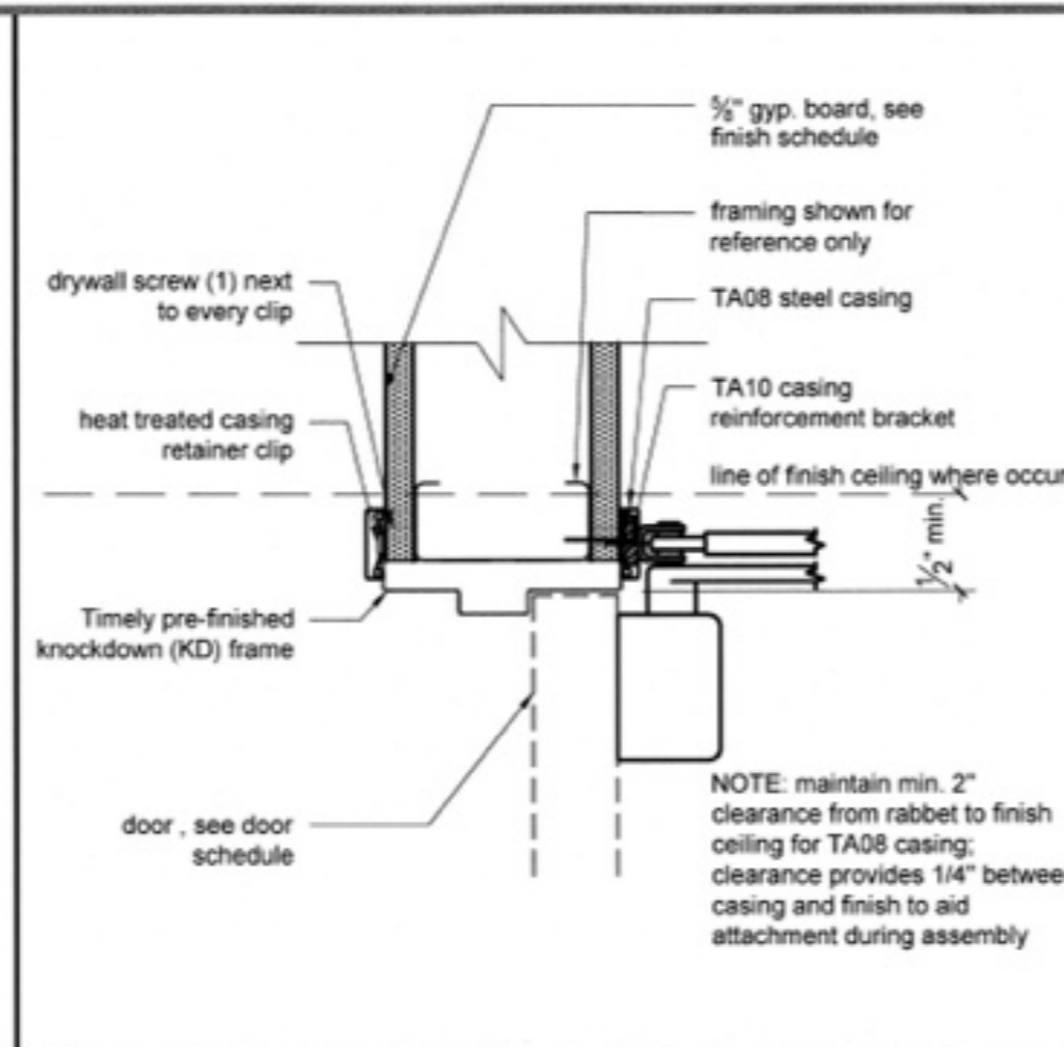
DETAILS

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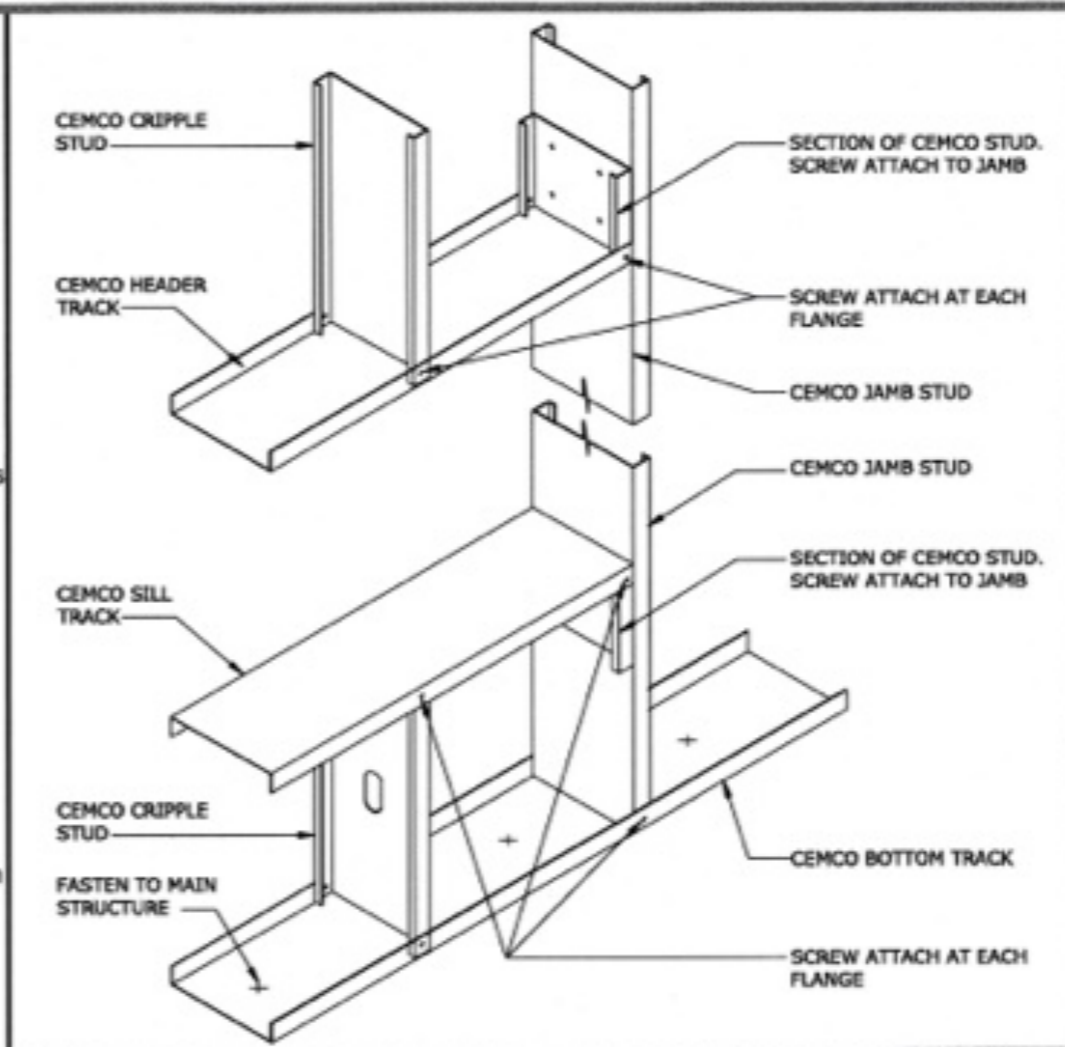
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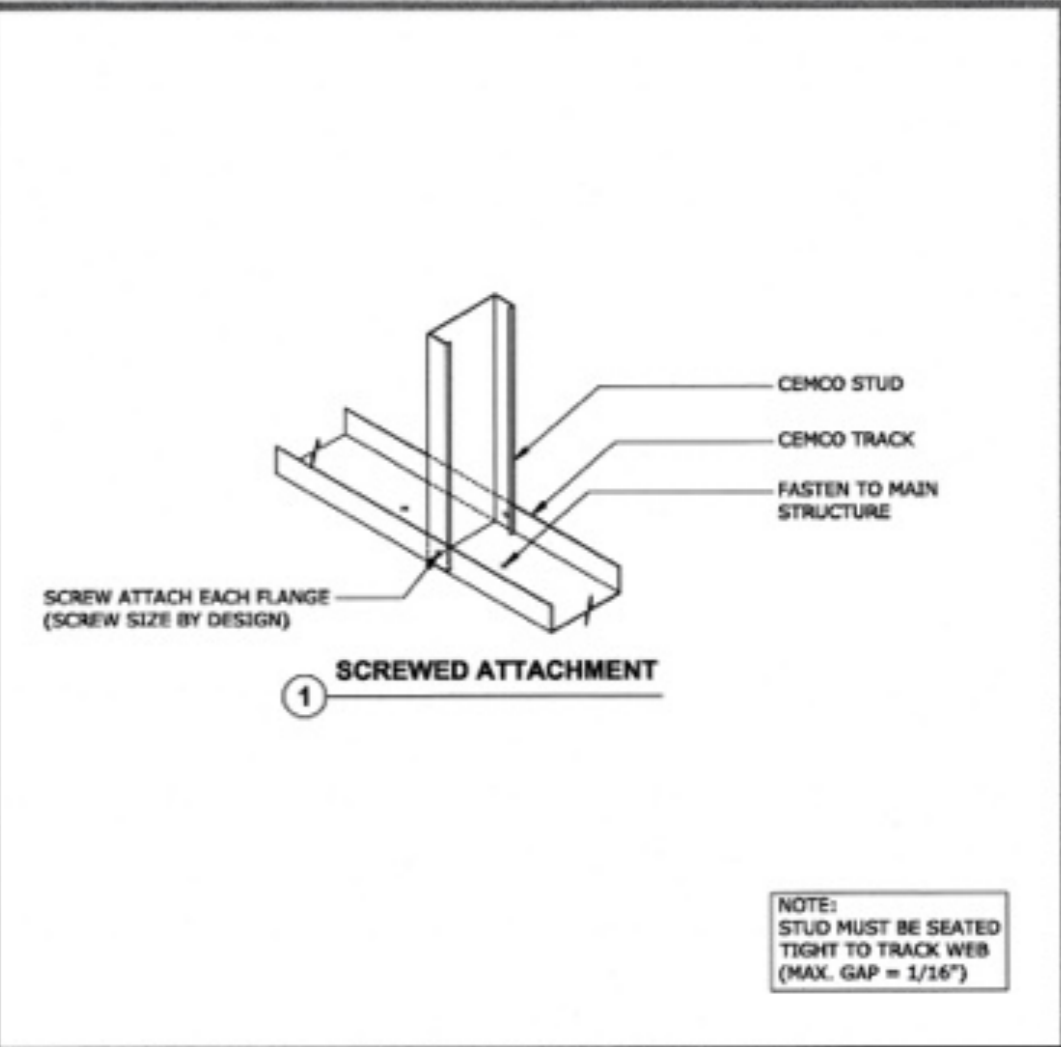
13 TYPICAL JAMB-STRIKE SCALE: 1" = 1'-0"



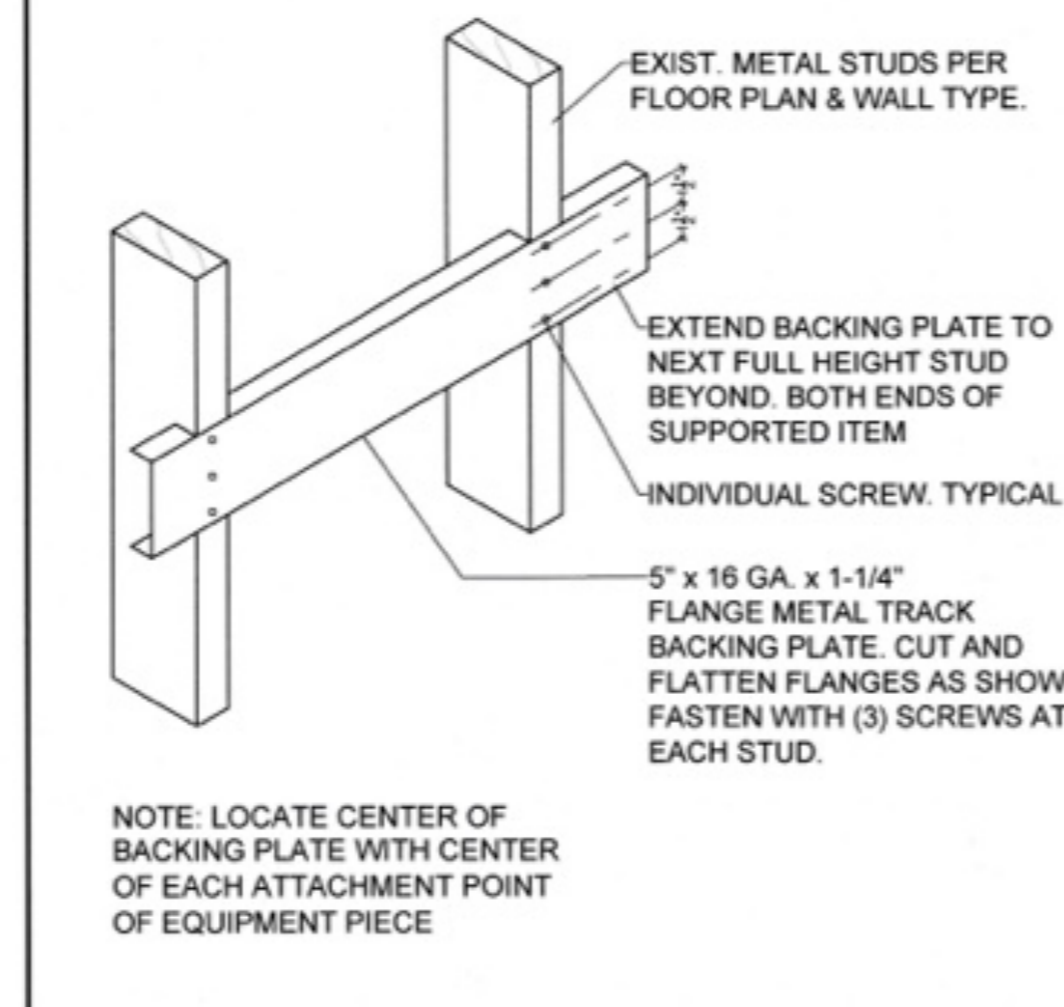
9 TYPICAL HEADER WITH REG. CLOSURE SCALE: 1" = 1'-0"



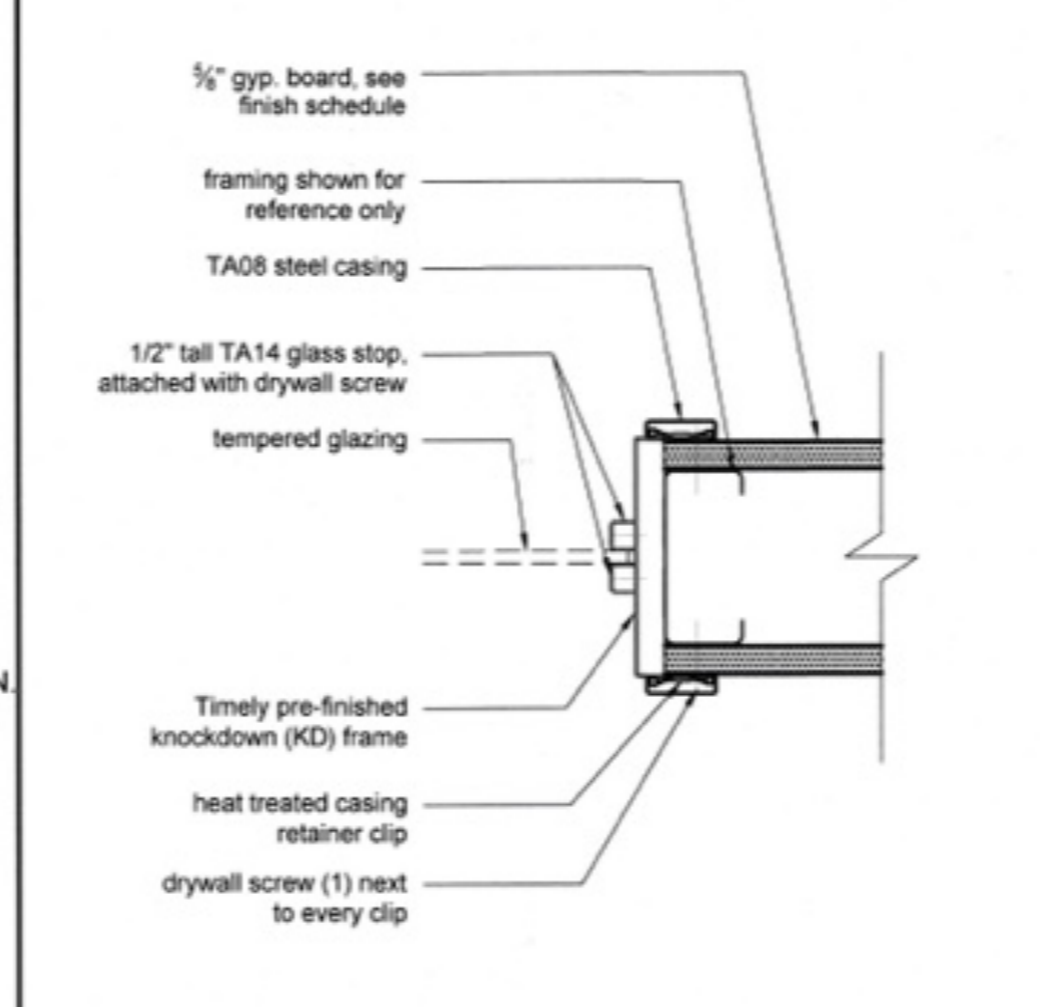
5 WALL INTERSECTION STUDS - TRACK CONNECTION DETAIL SCALE: N.T.S.



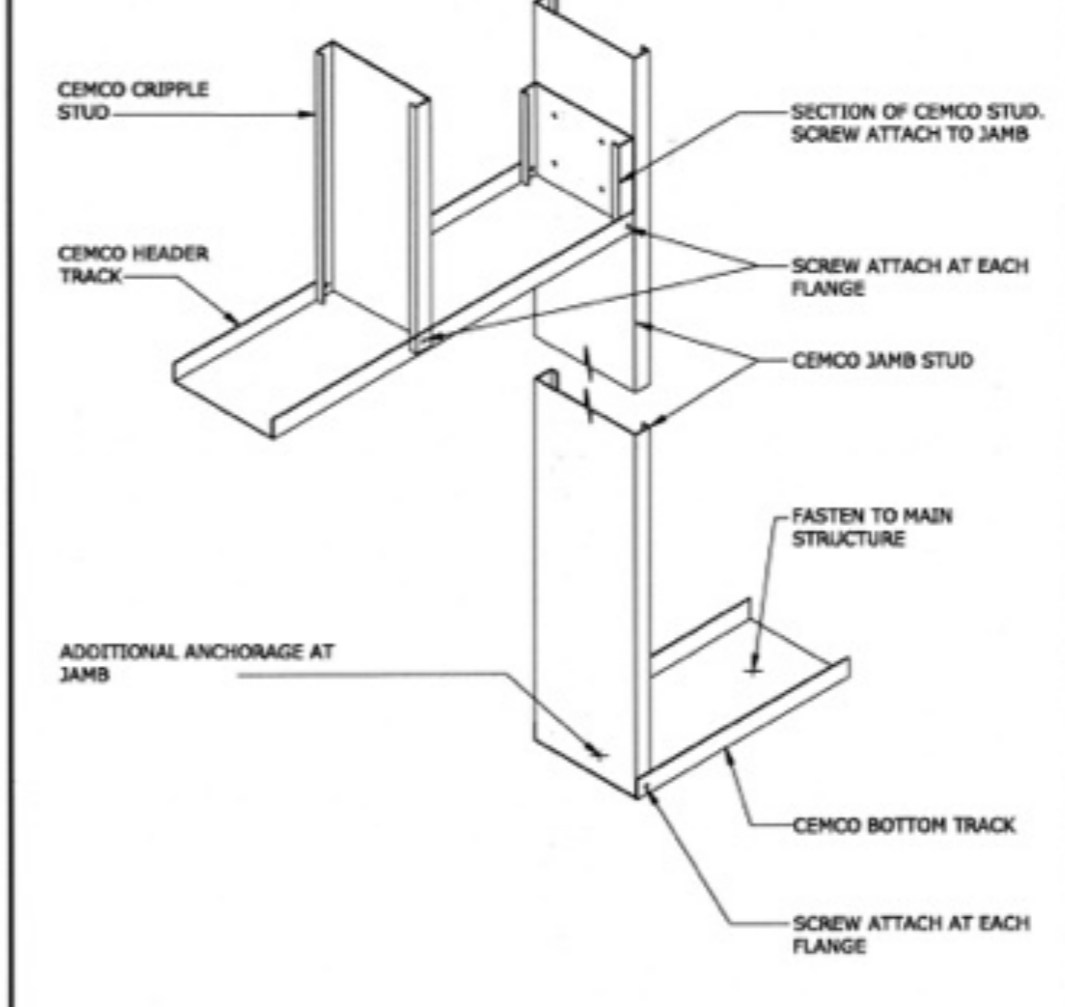
1 SINGLE STUD - TRACK CONNECTION DETAILS SCALE: N.T.S.



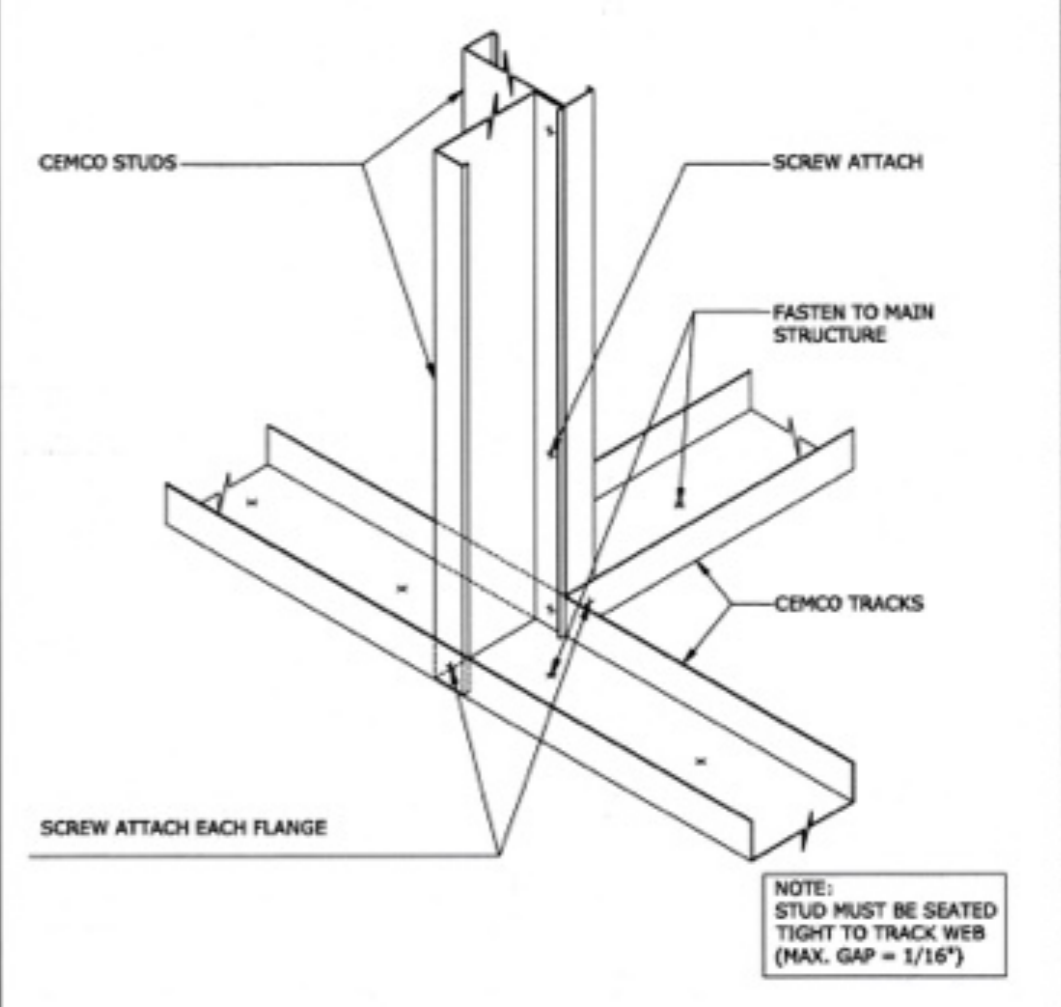
14 TYPICAL CABINET BACKING SCALE: N.T.S.



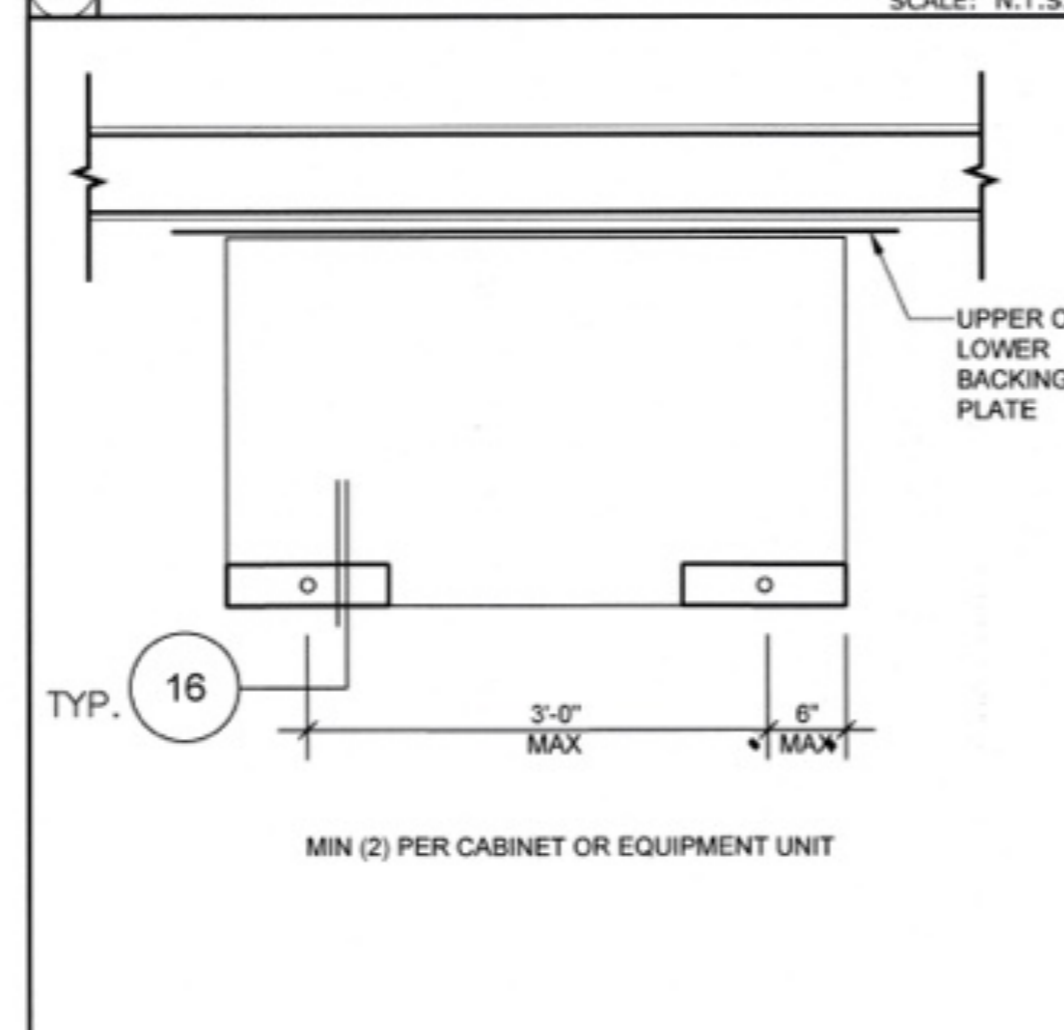
10 TYPICAL JAMB W/ GLAZING SCALE: 1" = 1'-0"



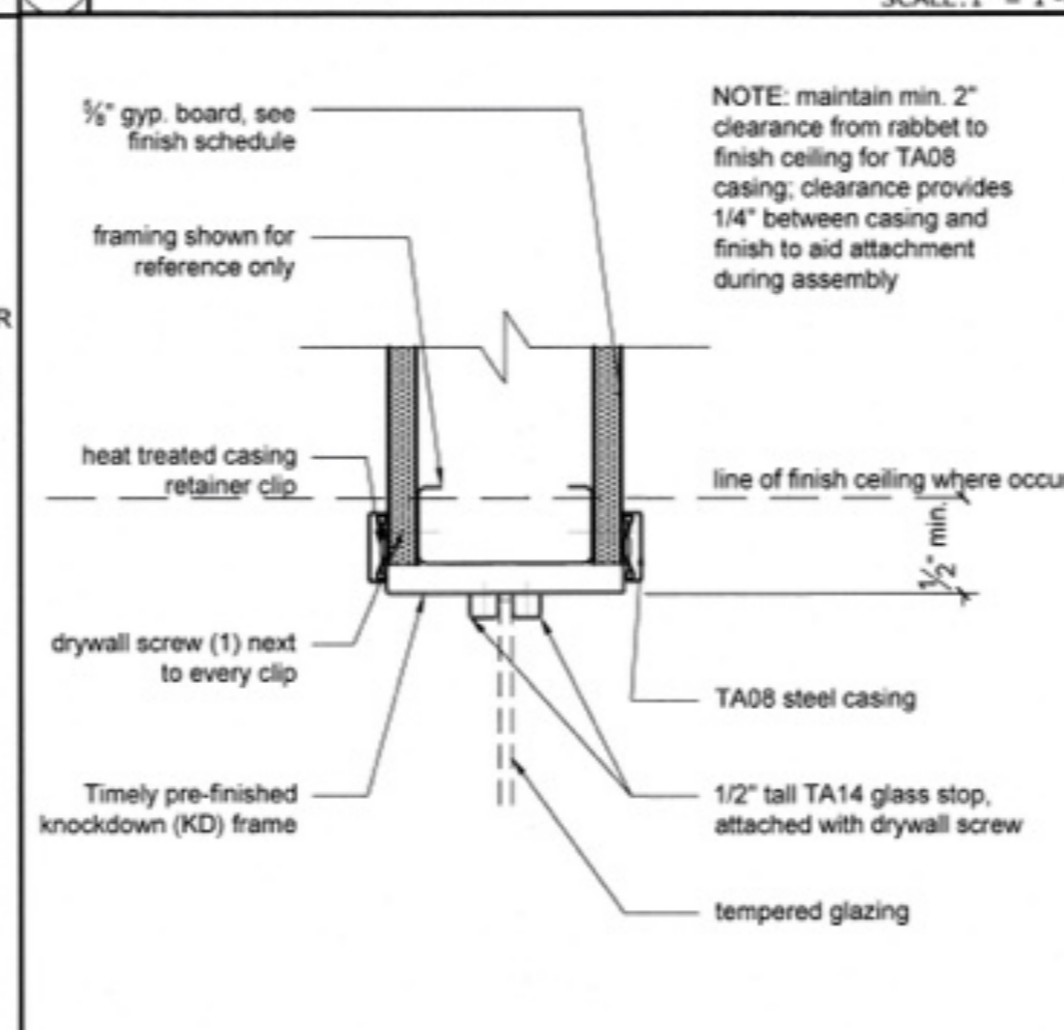
6 DOOR NON-LOAD BEARING SINGLE TRACK HEADER AND SINGLE JAMB SCALE: N.T.S.



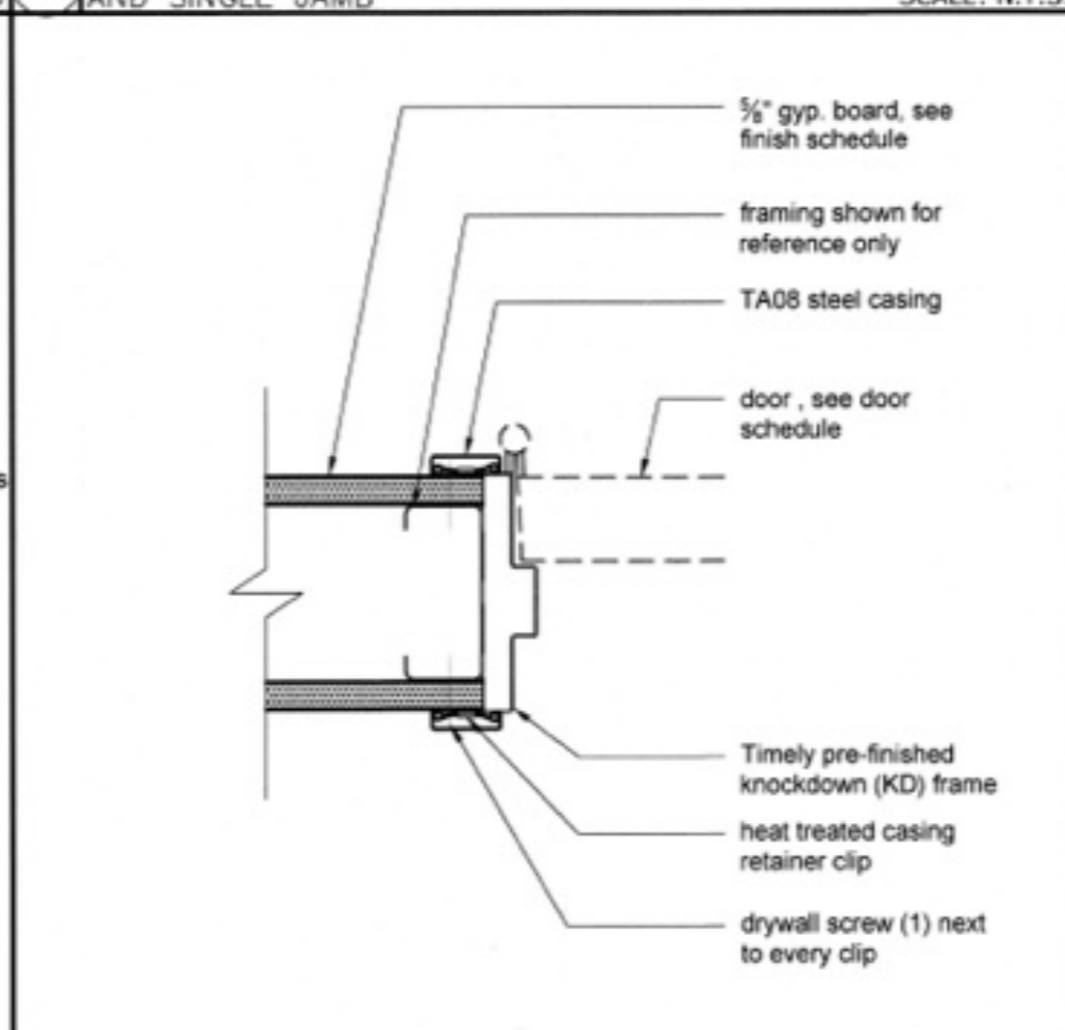
2 WALL INTERSECTION STUDS - TRACK CONNECTION DETAIL SCALE: N.T.S.



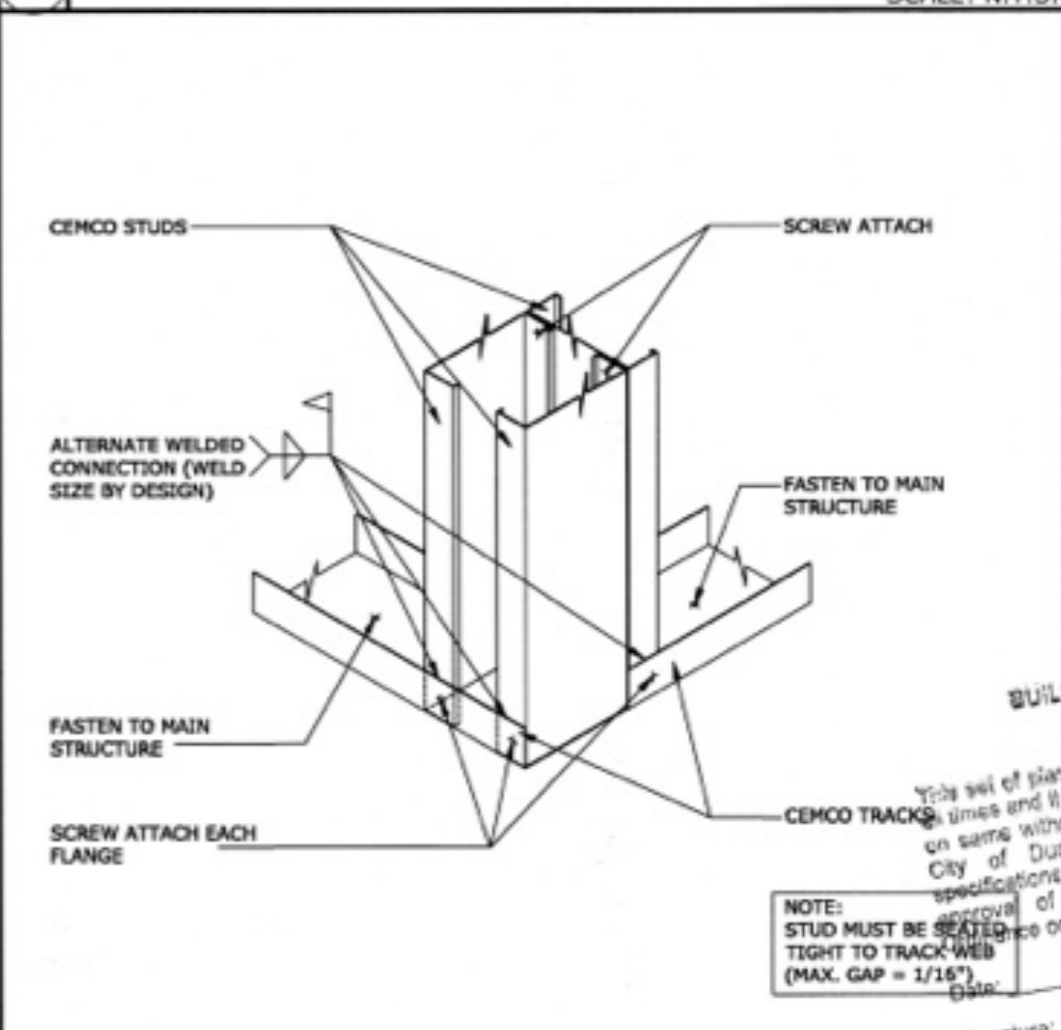
16 TYPICAL ANCHOR LAYOUT SCALE: N.T.S.



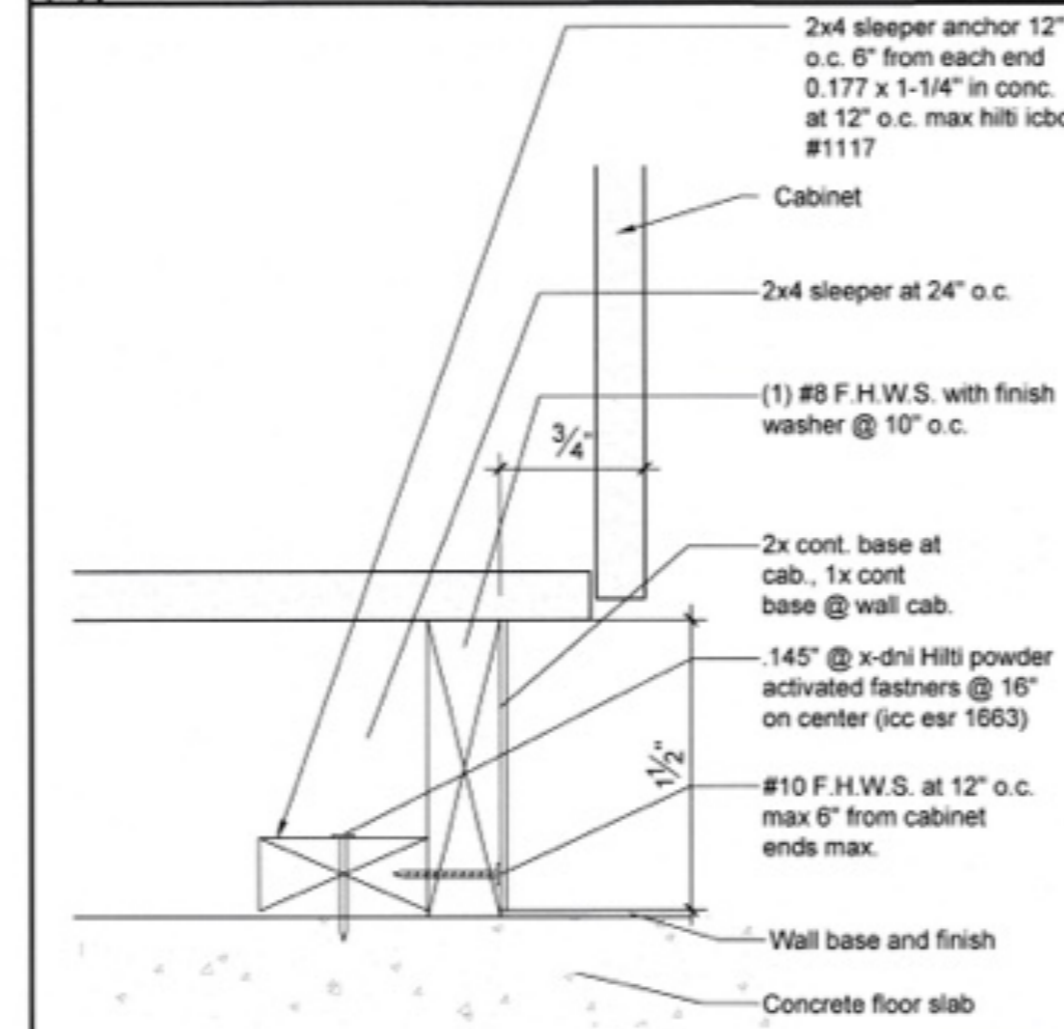
11 TYPICAL HEADER W/ GLAZING SCALE: 1" = 1'-0"



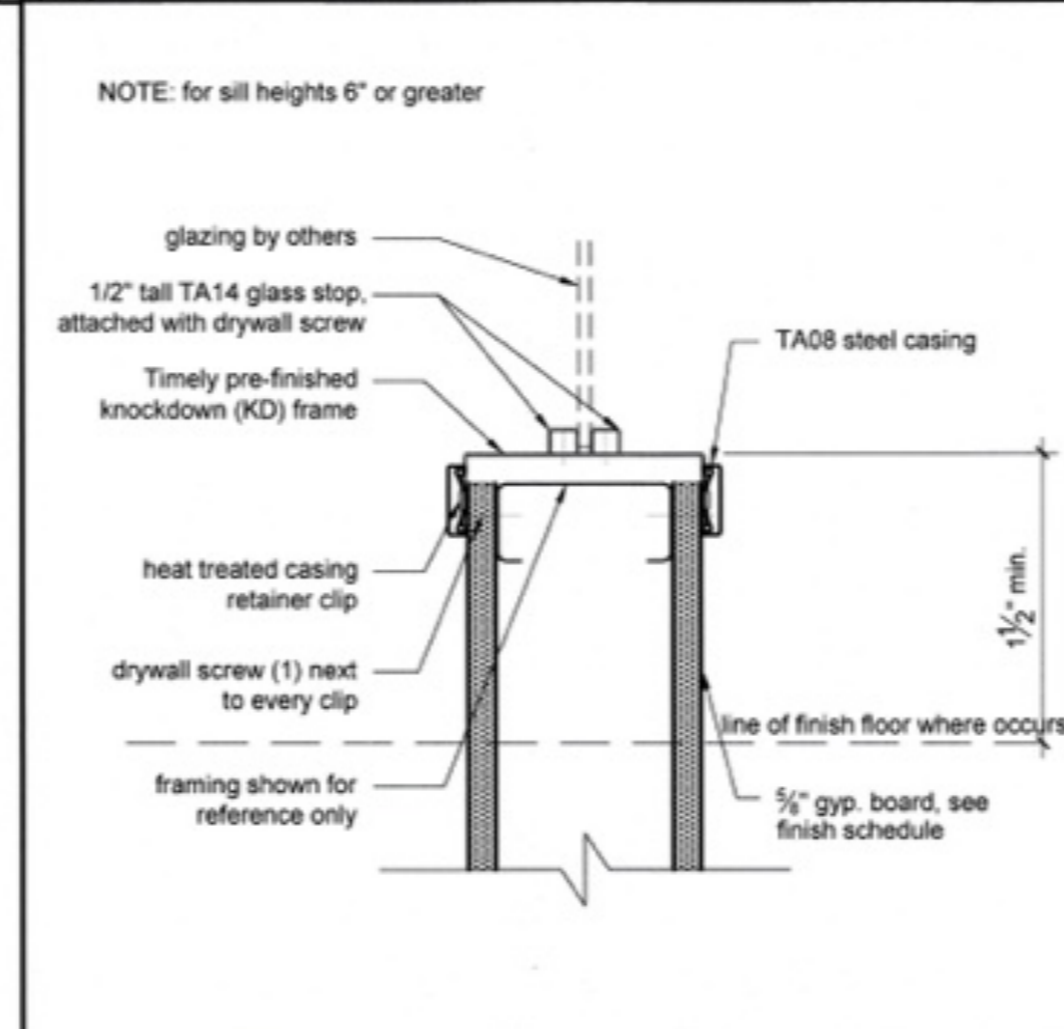
7 TYPICAL JAMB HINGE SCALE: 1" = 1'-0"



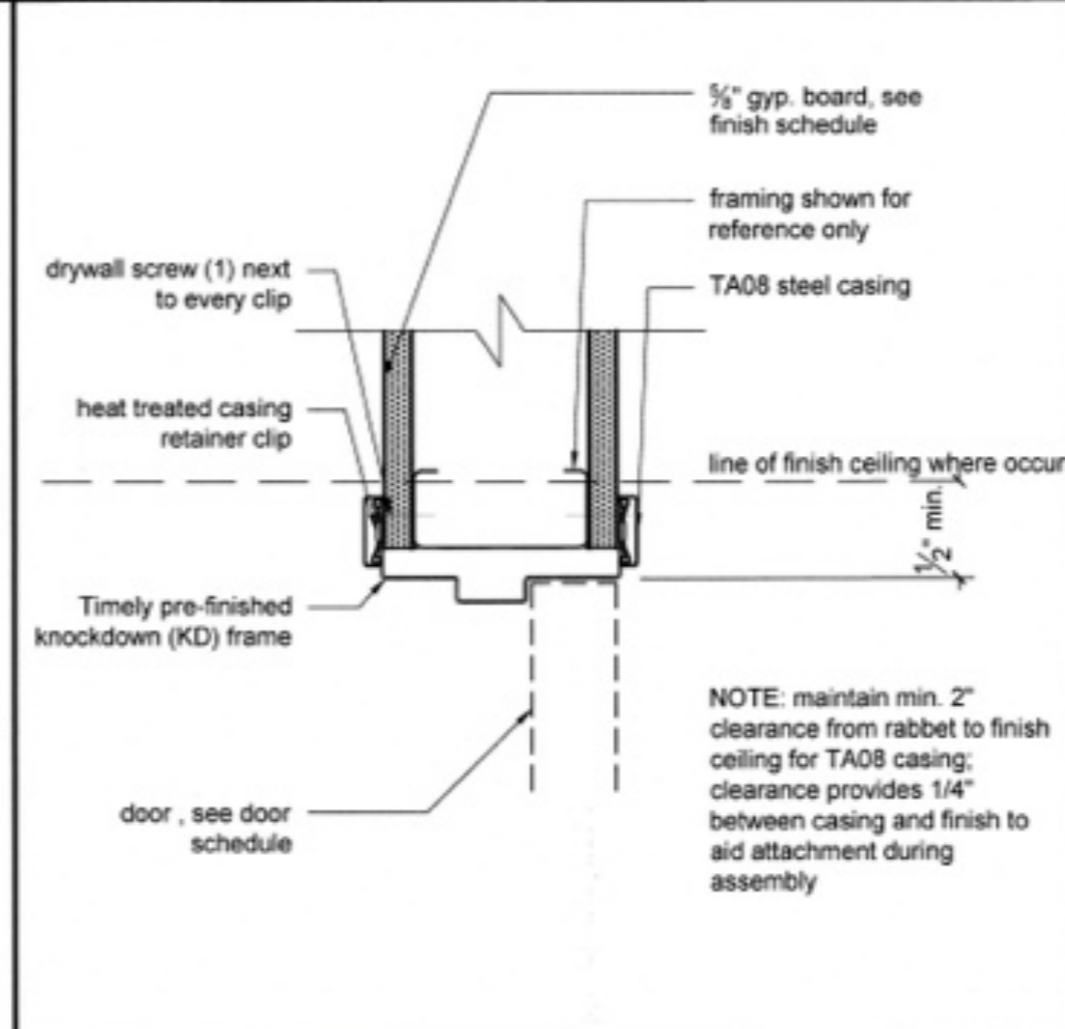
3 CORNER STUDS - TRACK CONNECTION DETAIL SCALE: N.T.S.



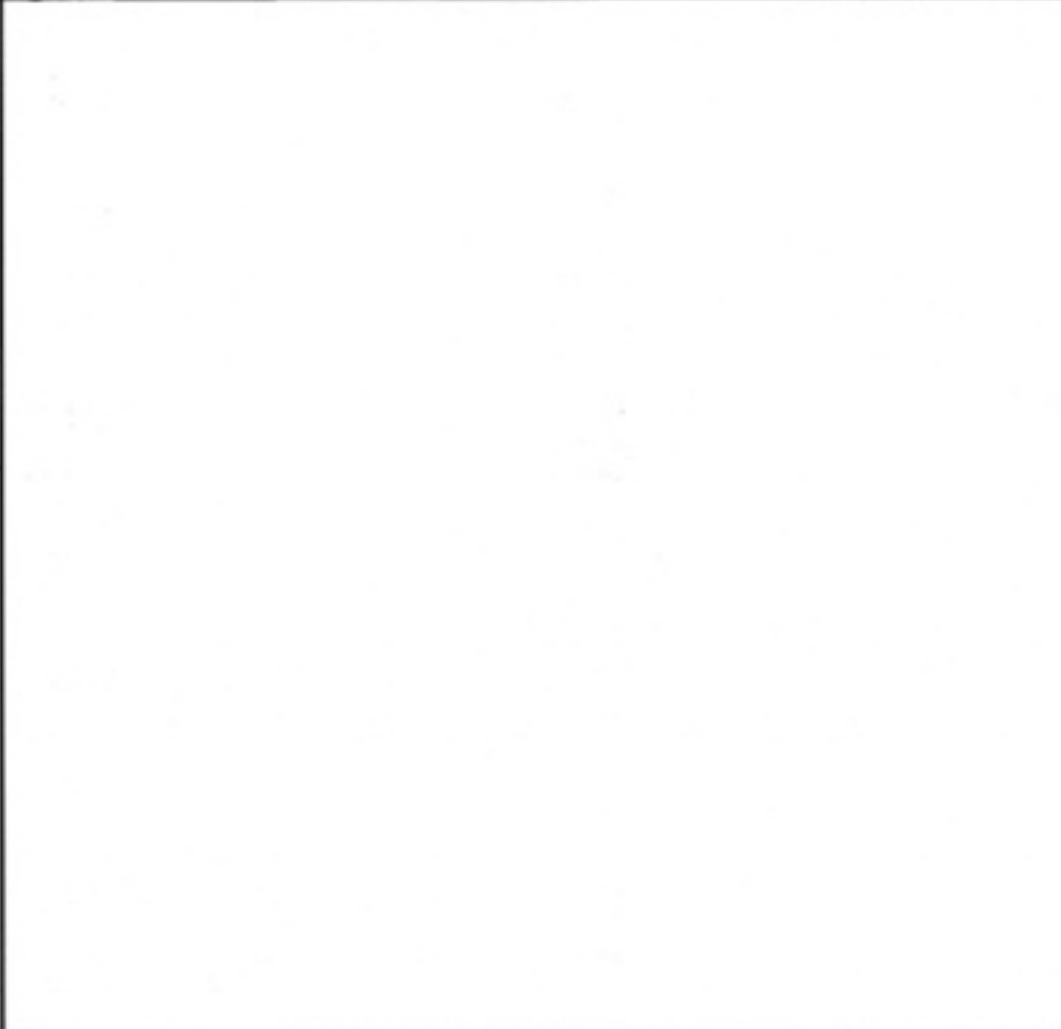
16 TYPICAL CABINET BASE ANCHOR SCALE: N.T.S.



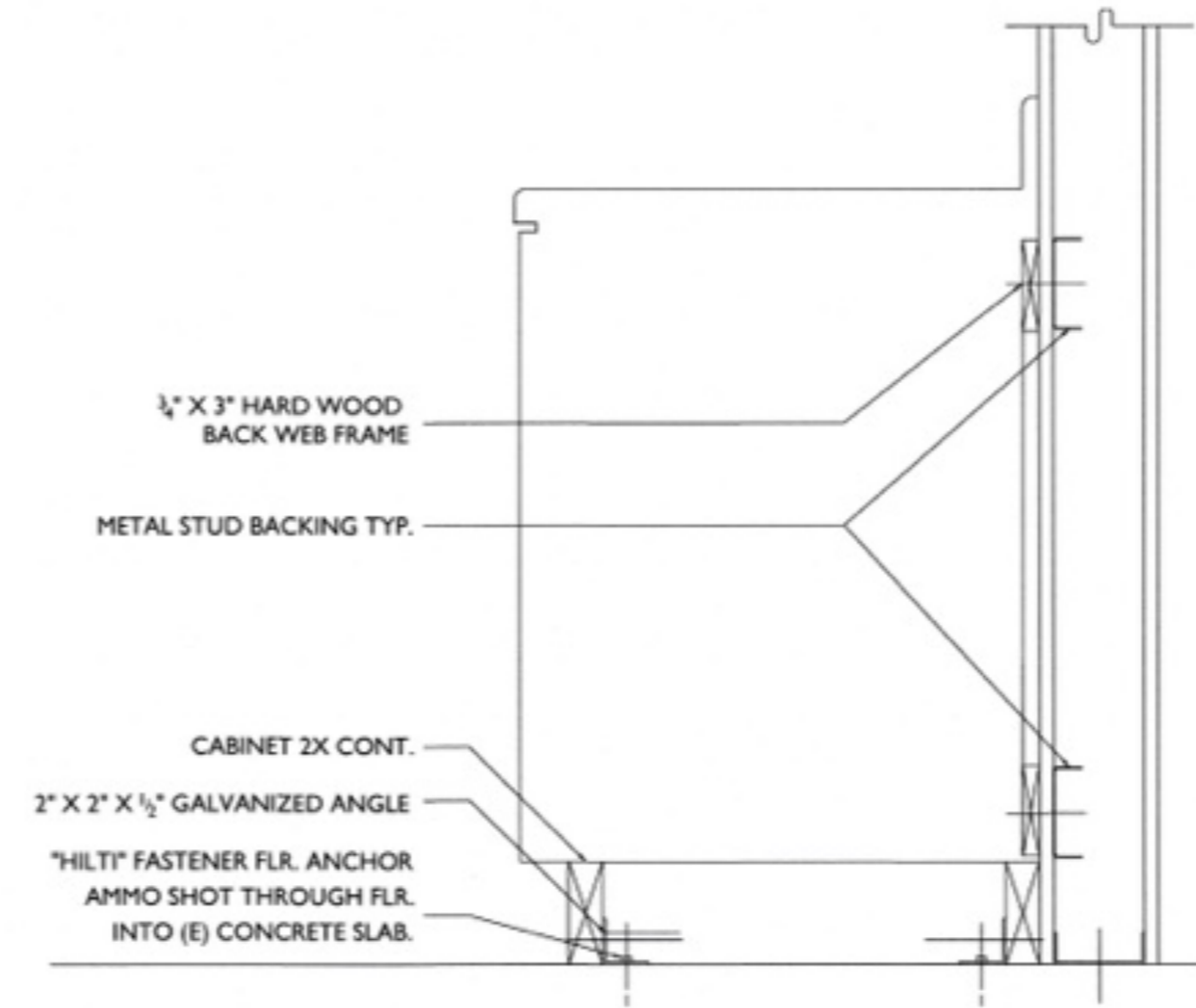
12 TYPICAL SILL W/ GLAZING SCALE: 1" = 1'-0"



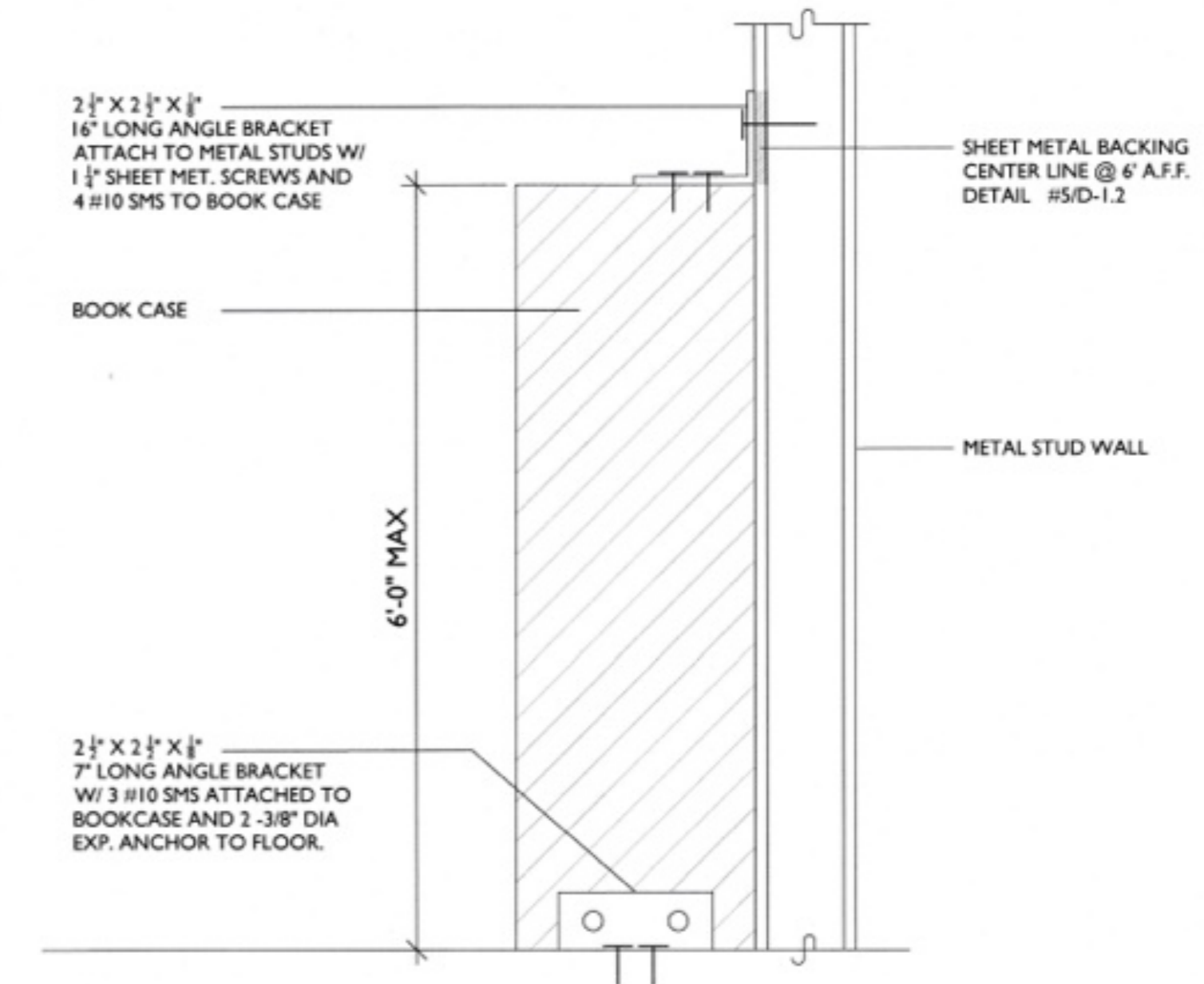
8 TYPICAL HEADER SCALE: 1" = 1'-0"



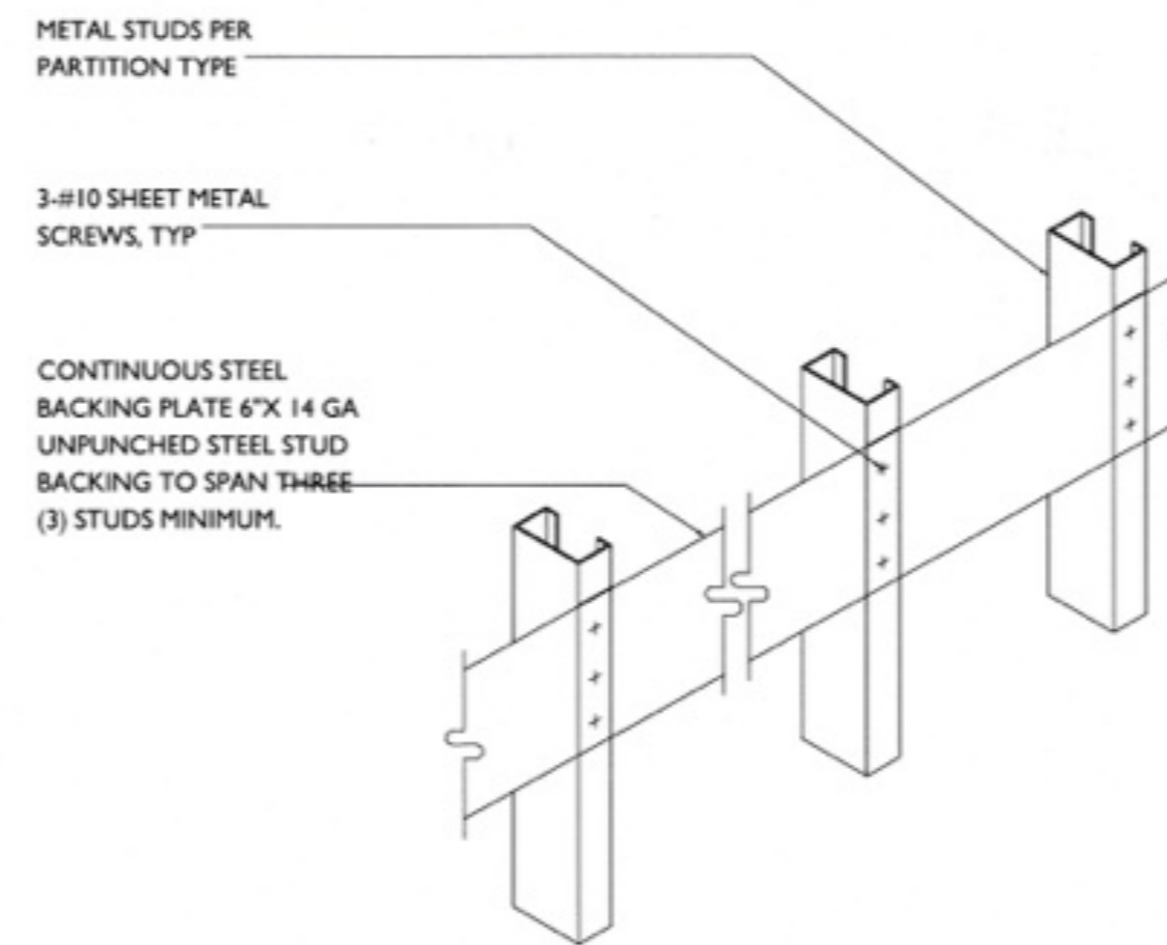
4 NOT USED



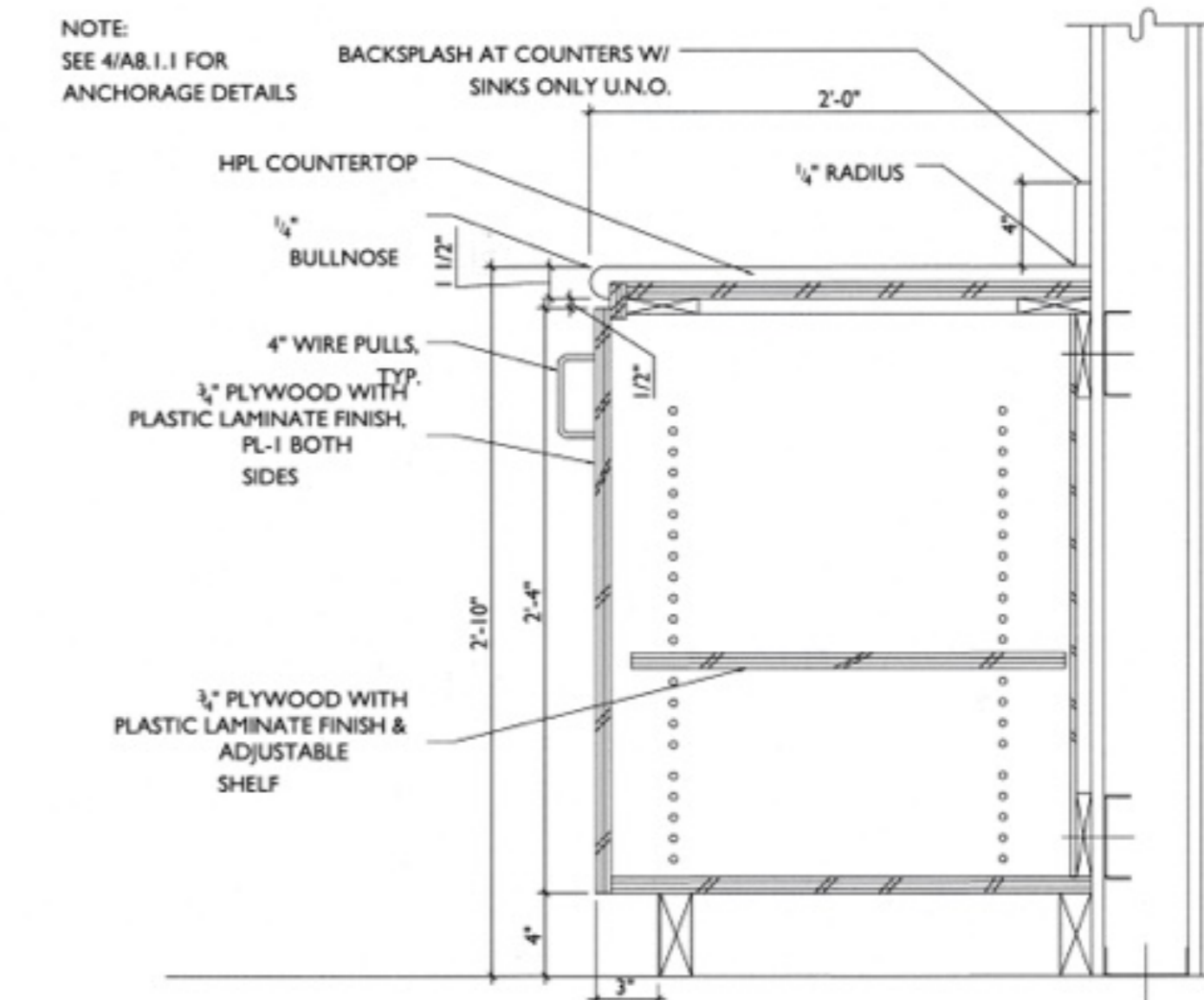
6 BASE CABINET ANCHORAGE
Scale: 1-1/2" = 1'-0"



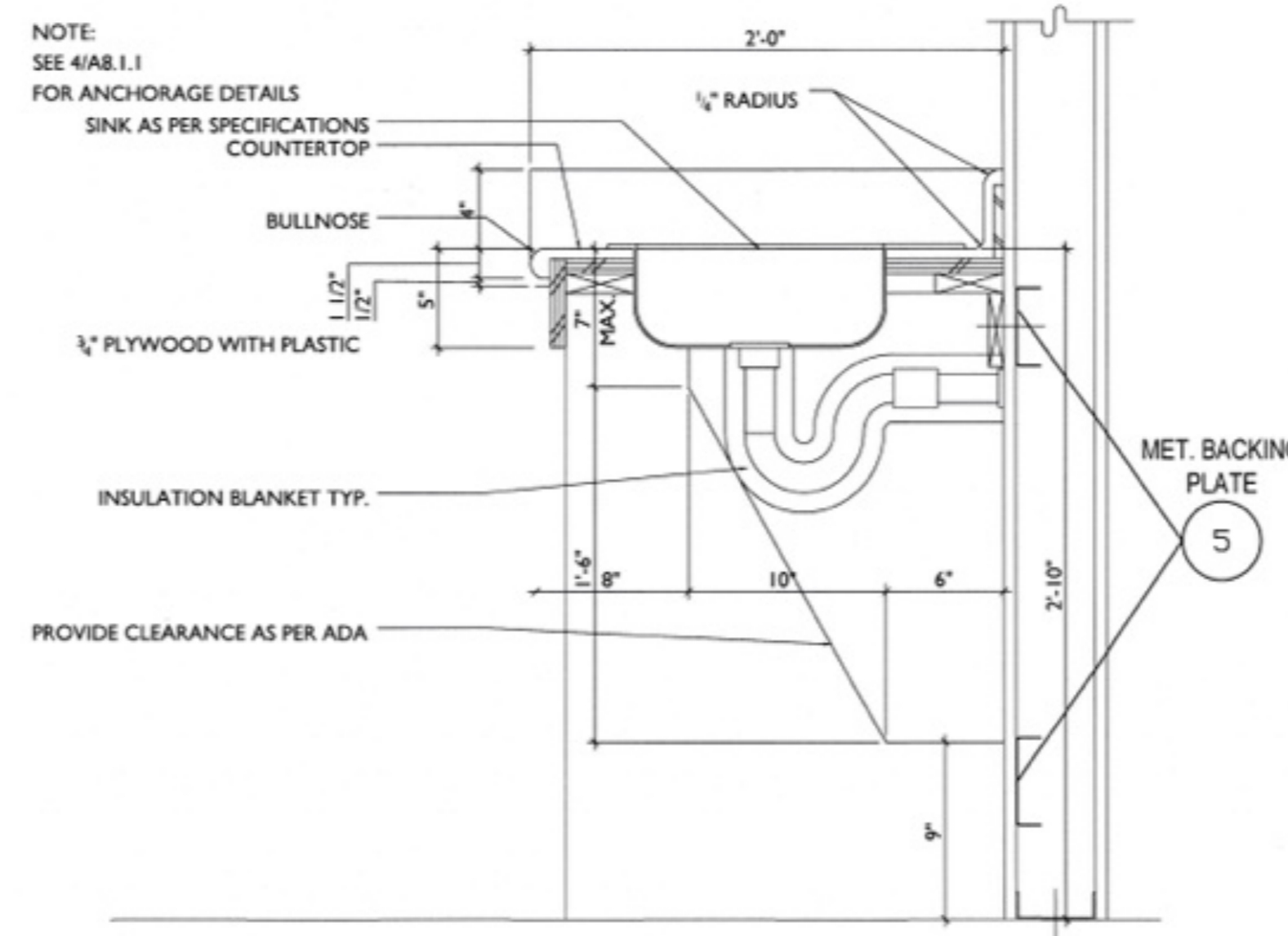
3 BOOK SHELF ANCHORAGE
Scale: 1-1/2" = 1'-0"



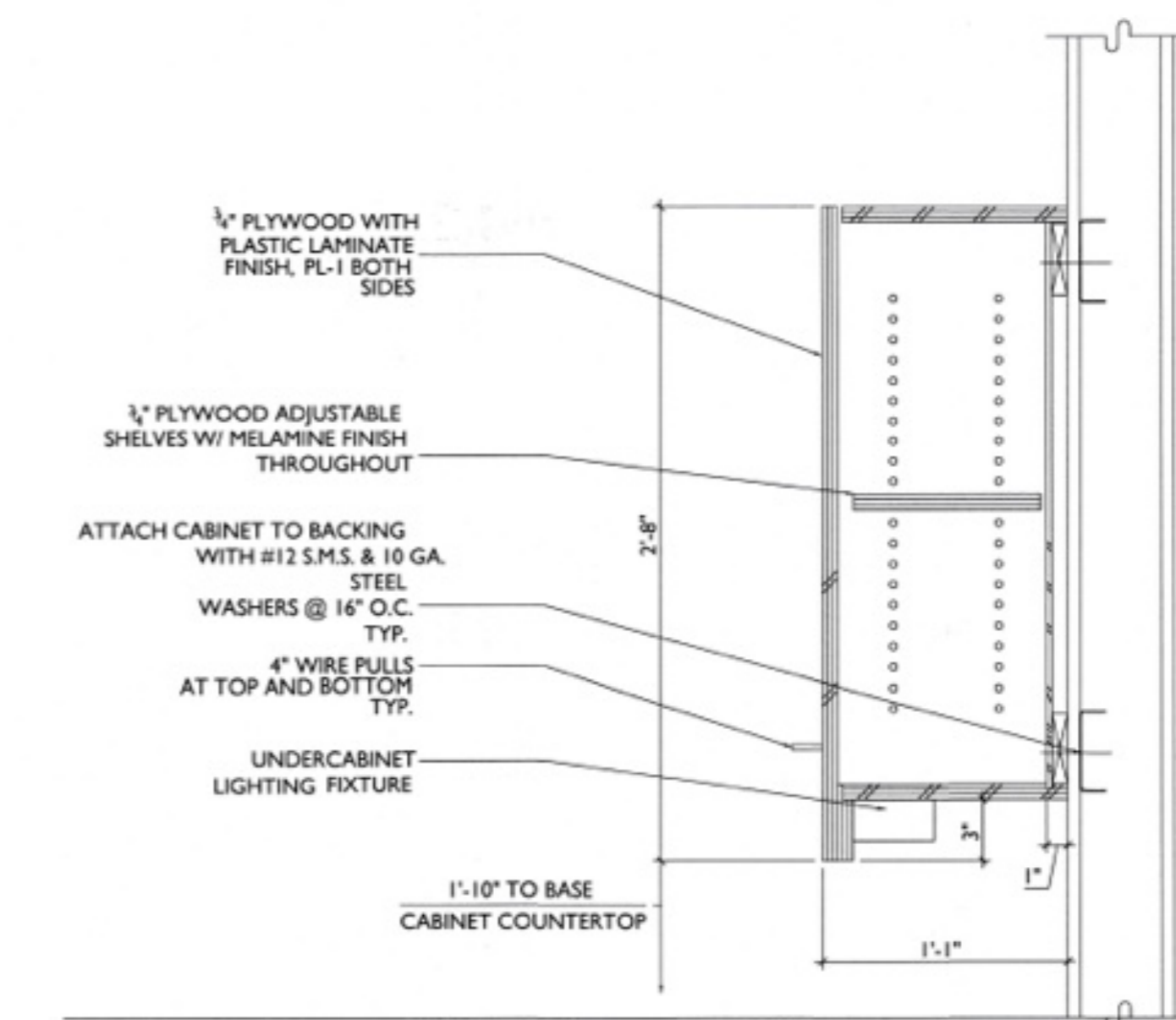
5 BACKING PLATE DETAIL
Scale: NTS



2 BASE CABINET TYPE B
Scale: 1-1/2" = 1'-0"



4 SINK CABINET SECTION
Scale: 1-1/2" = 1'-0"



1 UPPER WALL CABINET TYPE A
Scale: 1-1/2" = 1'-0"



A PROJECT FOR:



1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:



REVISIONS

CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED

This set of plans shall be used for the project as shown and it is the responsibility of the contractor to make any changes or alterations on same without the written permission from Building & Safety City of Duarte. ALL NOT TO BE PAID IN FULL OR TO BE AN ORDINANCE OF THE CITY OF DUARTE.

Date: _____
Signature: _____

PROJECT DATA

DATE	01-19-26
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

SHEET TITLE

DETAILS

SHEET NO.

D-1.2



A PROJECT FOR:

Options For Youth
Public Charter Schools

1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:

LUPINE
CONSTRUCTION & DEVELOPMENT
715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED

This set of plans & specifications must be kept on the job at all times and the contractor shall be held responsible for any changes or alterations made without the written permission from the architect. The contractor shall not be held liable for any violations of the provisions of any City Ordinance or State Law.

Signature: *[Signature]* Date: _____

PROJECT DATA

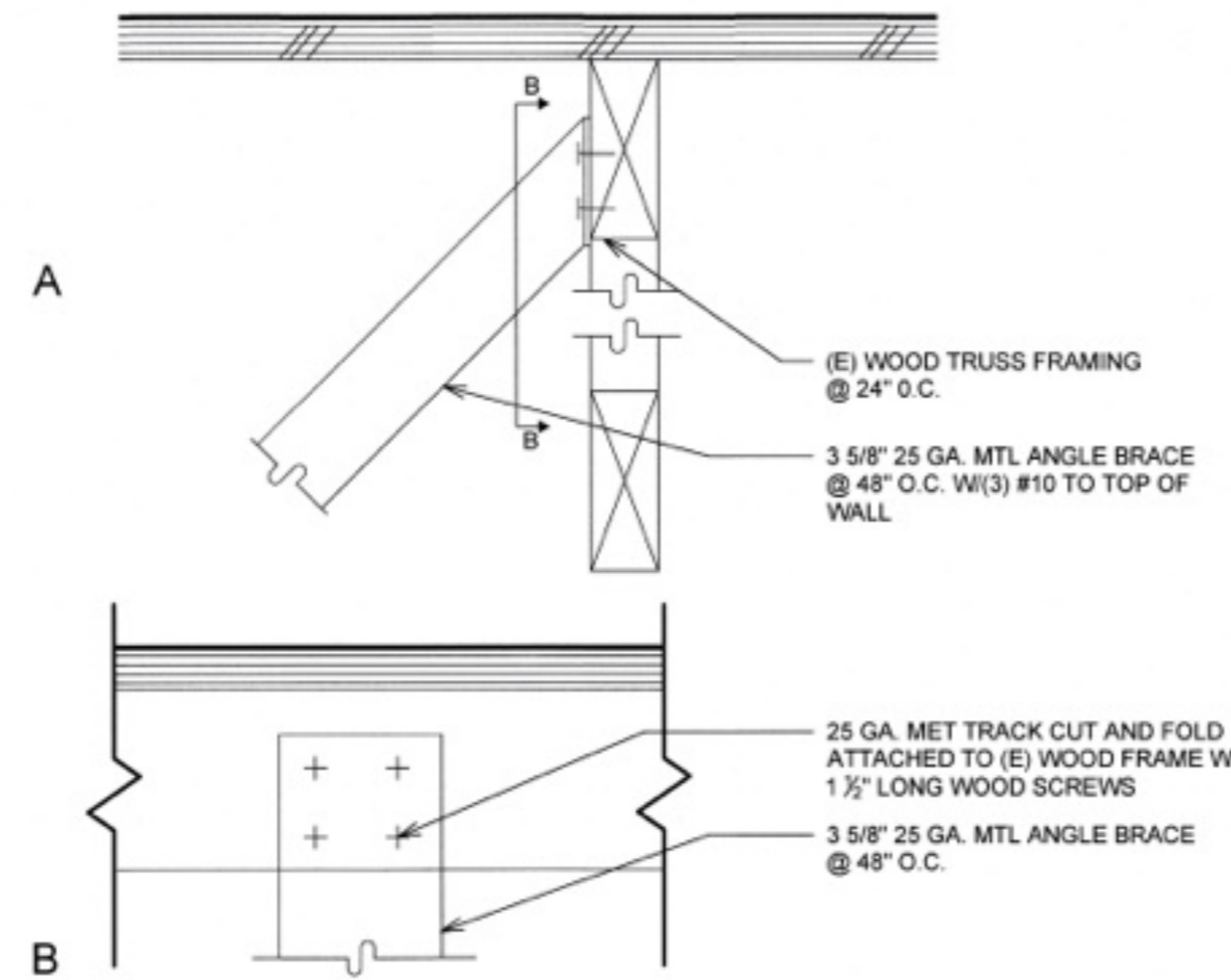
DATE 01-19-26
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

DETAILS

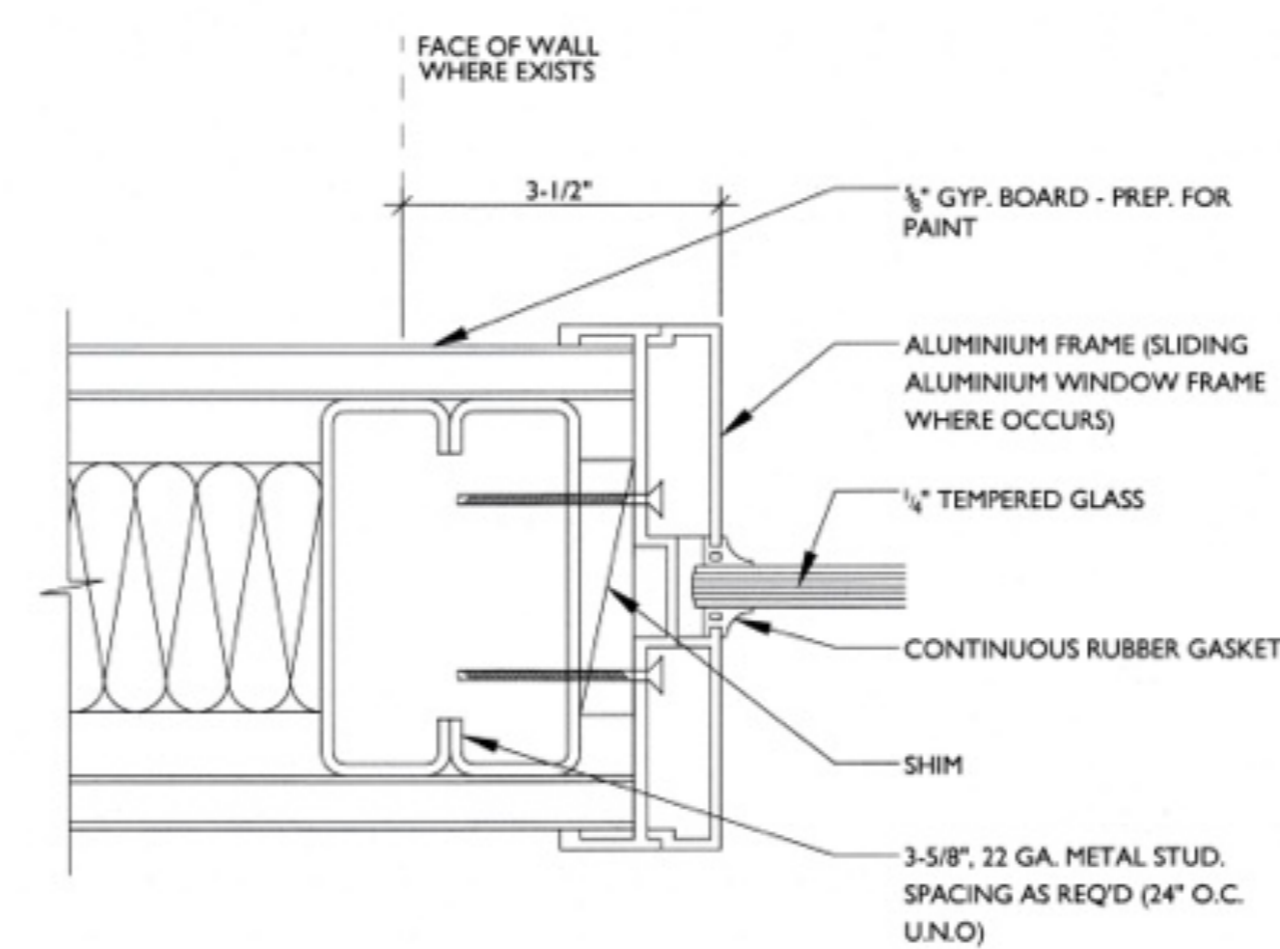
SHEET NO.

D-1.3



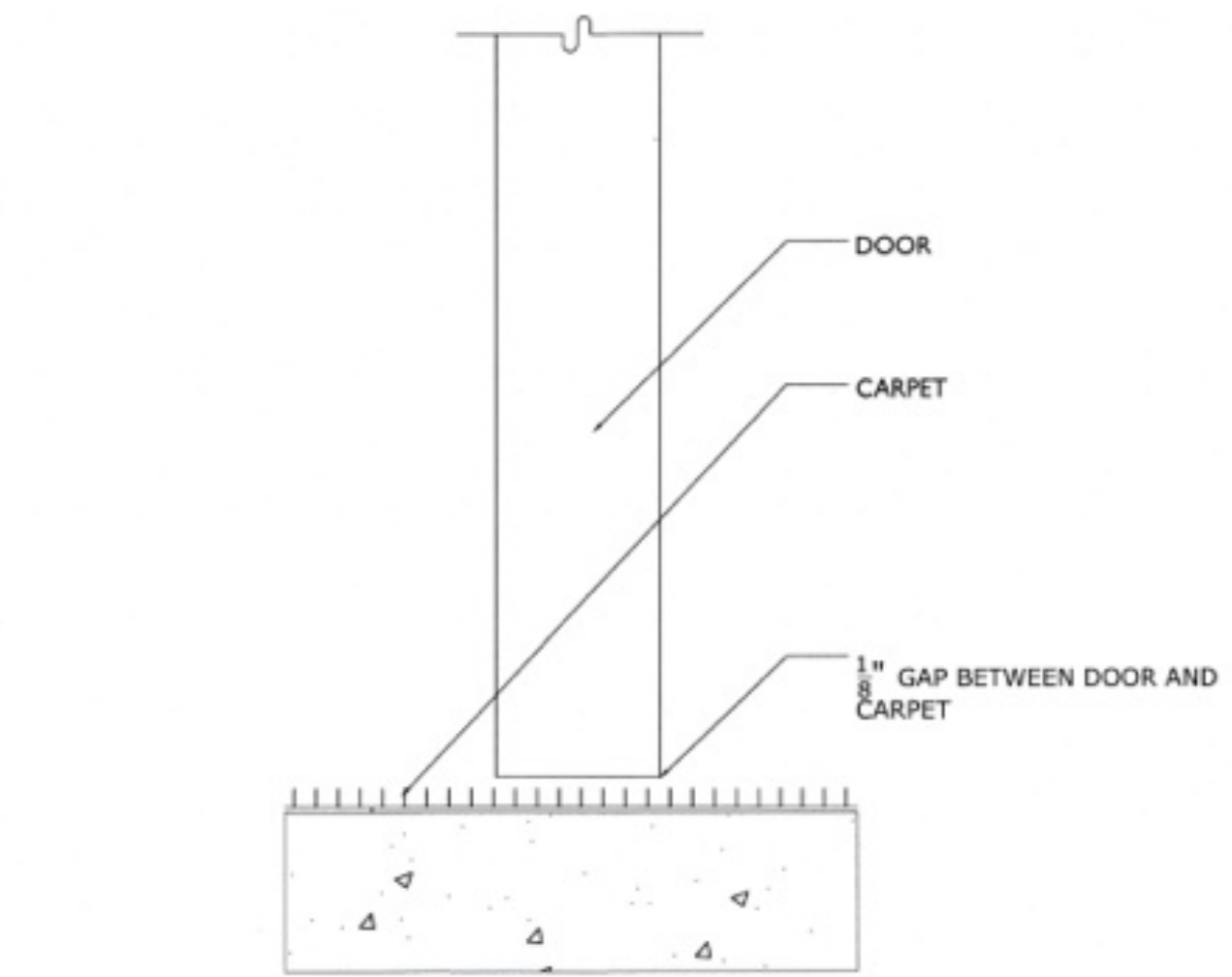
9 WALL BRACE DETAIL

Scale: 3" = 1'-0"



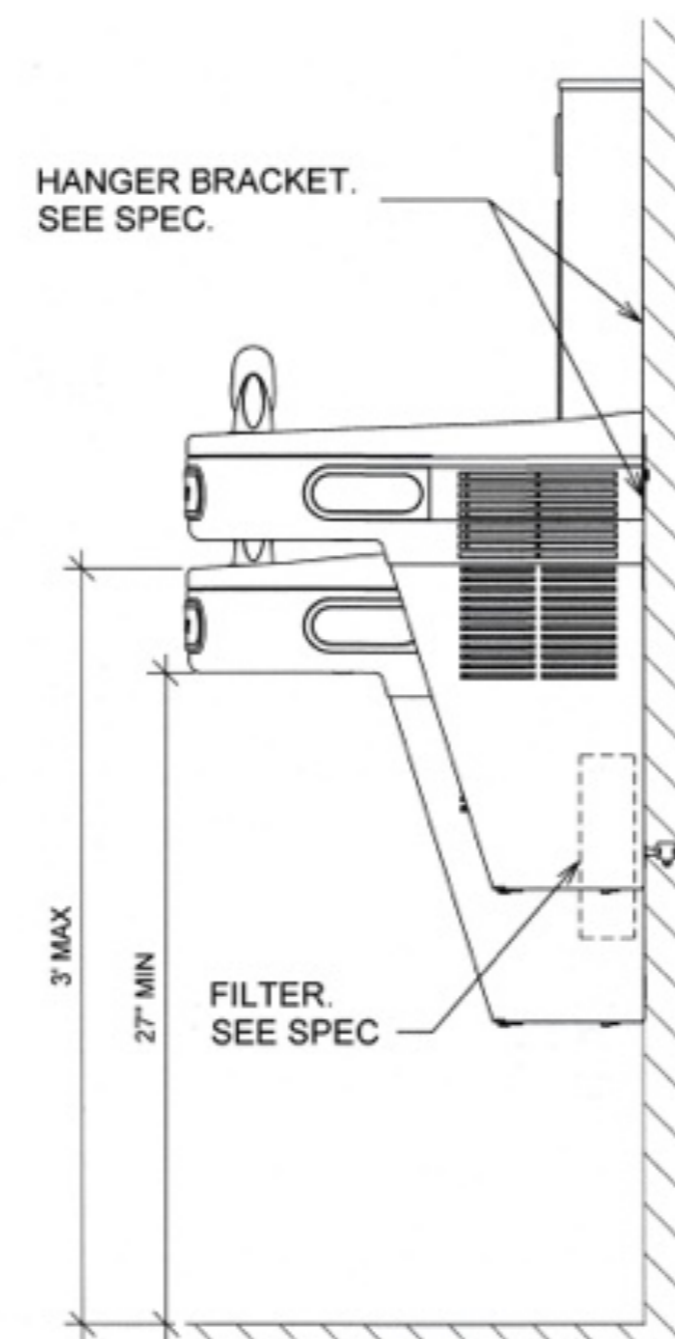
6 INTERIOR ALUMINIUM WINDOW FRAME @ JAMB

Scale: 6" = 1'-0"



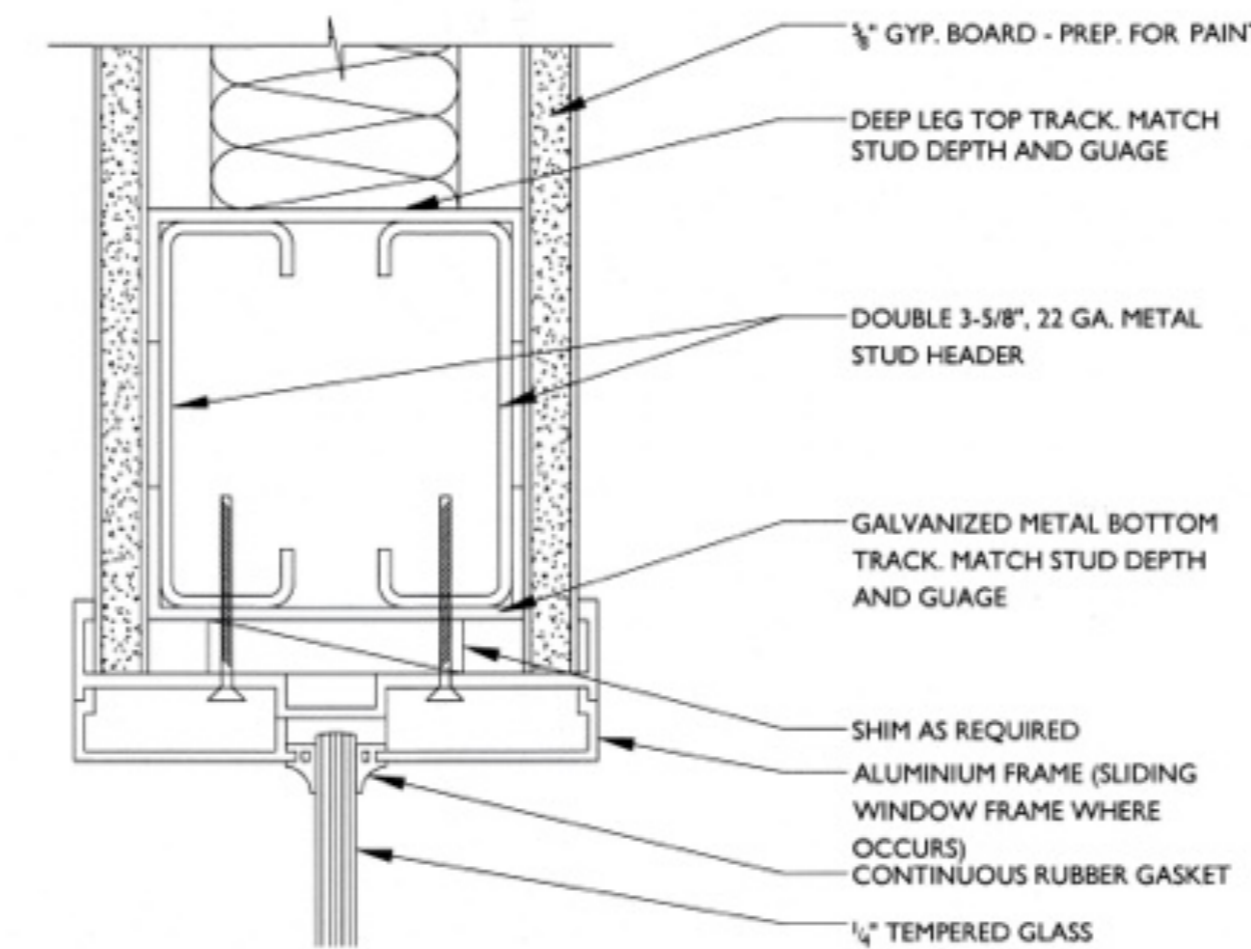
3 THRESHOLD TYP. CARPET @ DOOR

Scale: 6" = 1'-0"



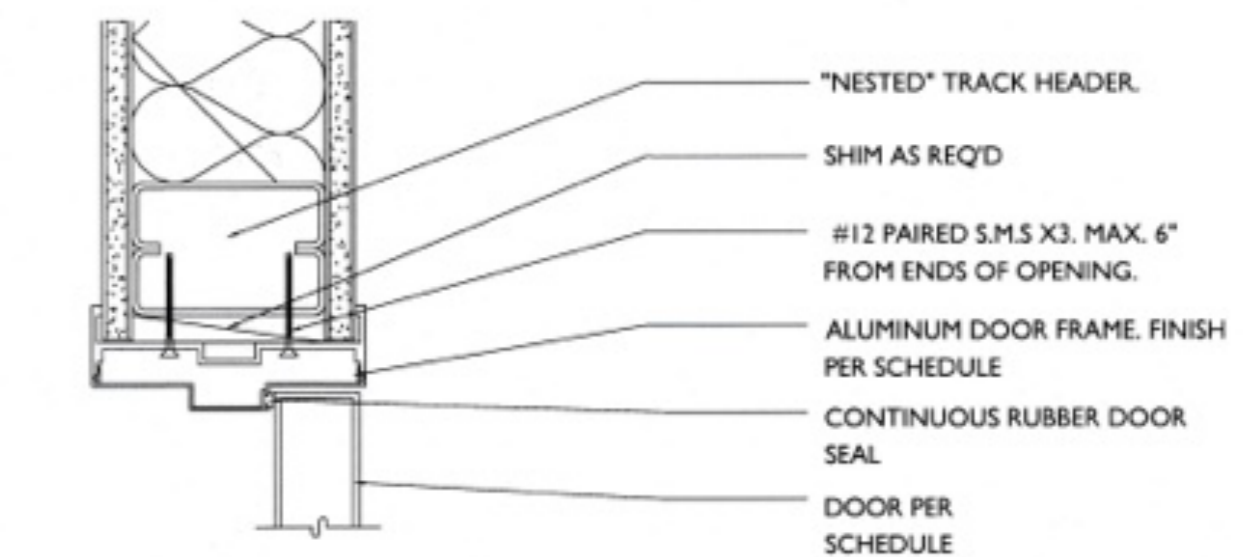
8 HIGH-LOW DRINKING FOUNTAIN SECTION

Scale: 1-1/2" = 1'-0"

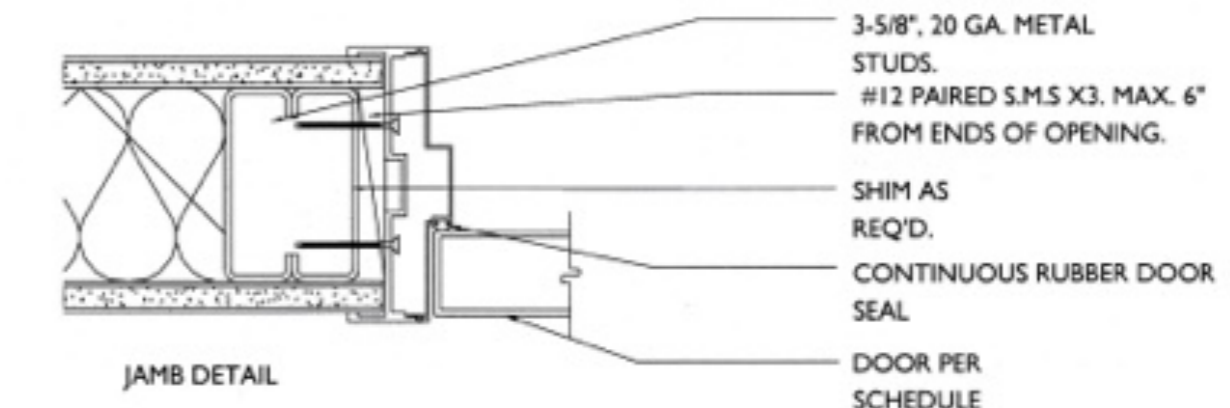


5 INTERIOR ALUMINIUM WINDOW FRAME @ HEAD

Scale: 6" = 1'-0"



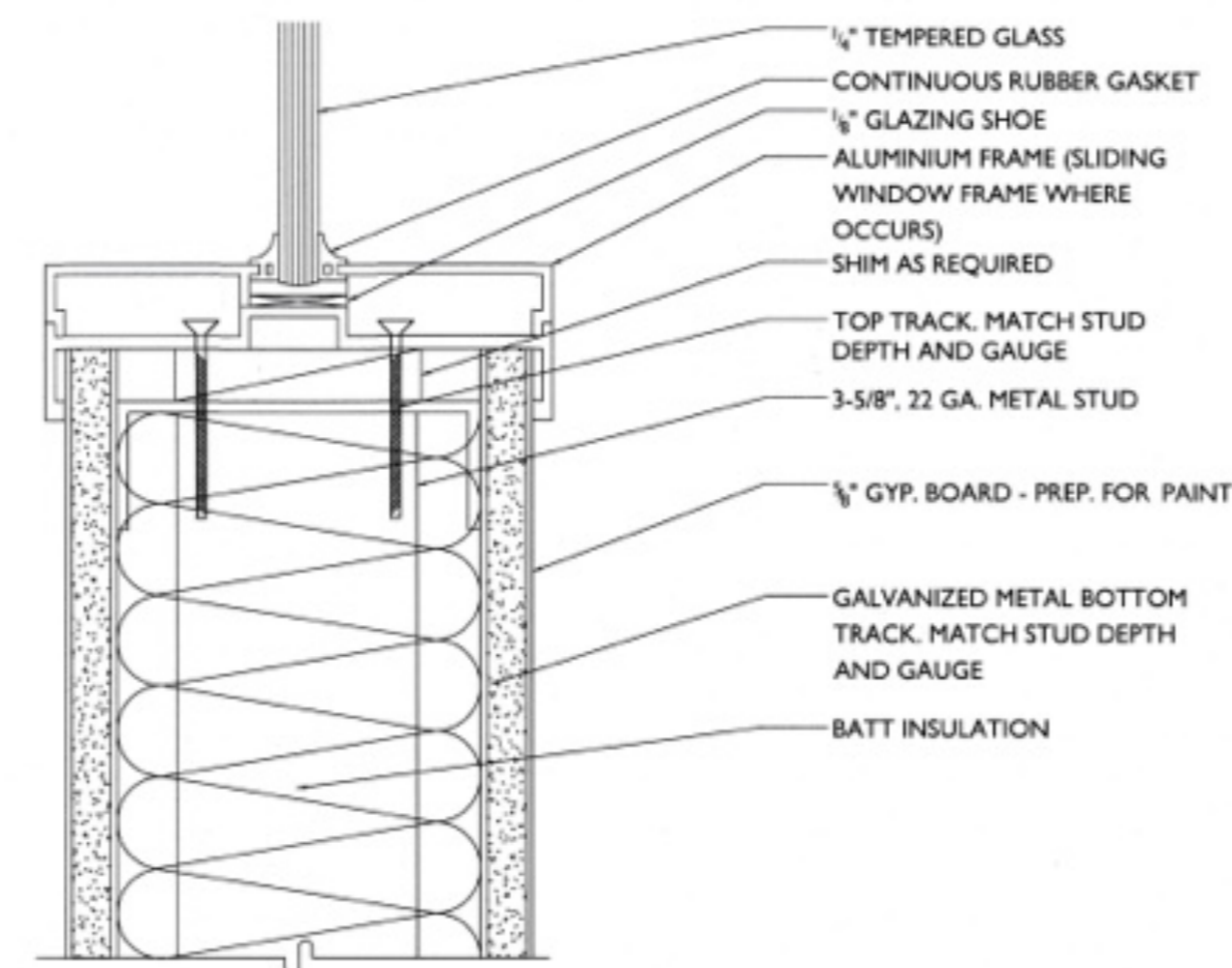
HEAD DETAIL



JAMB DETAIL

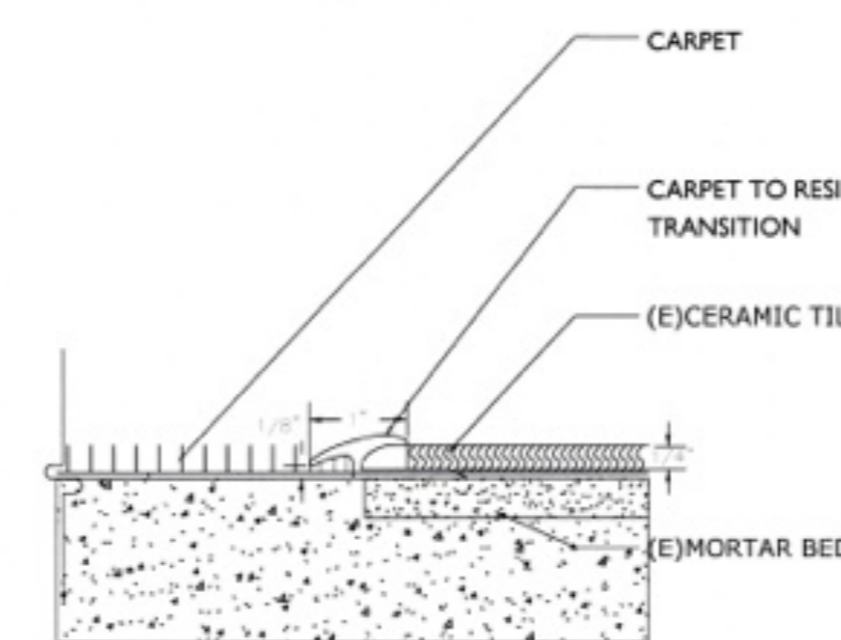
2 ALUMINIUM DOOR FRAME JAMB/HEAD IN (N) WALL

Scale: 3" = 1'-0"



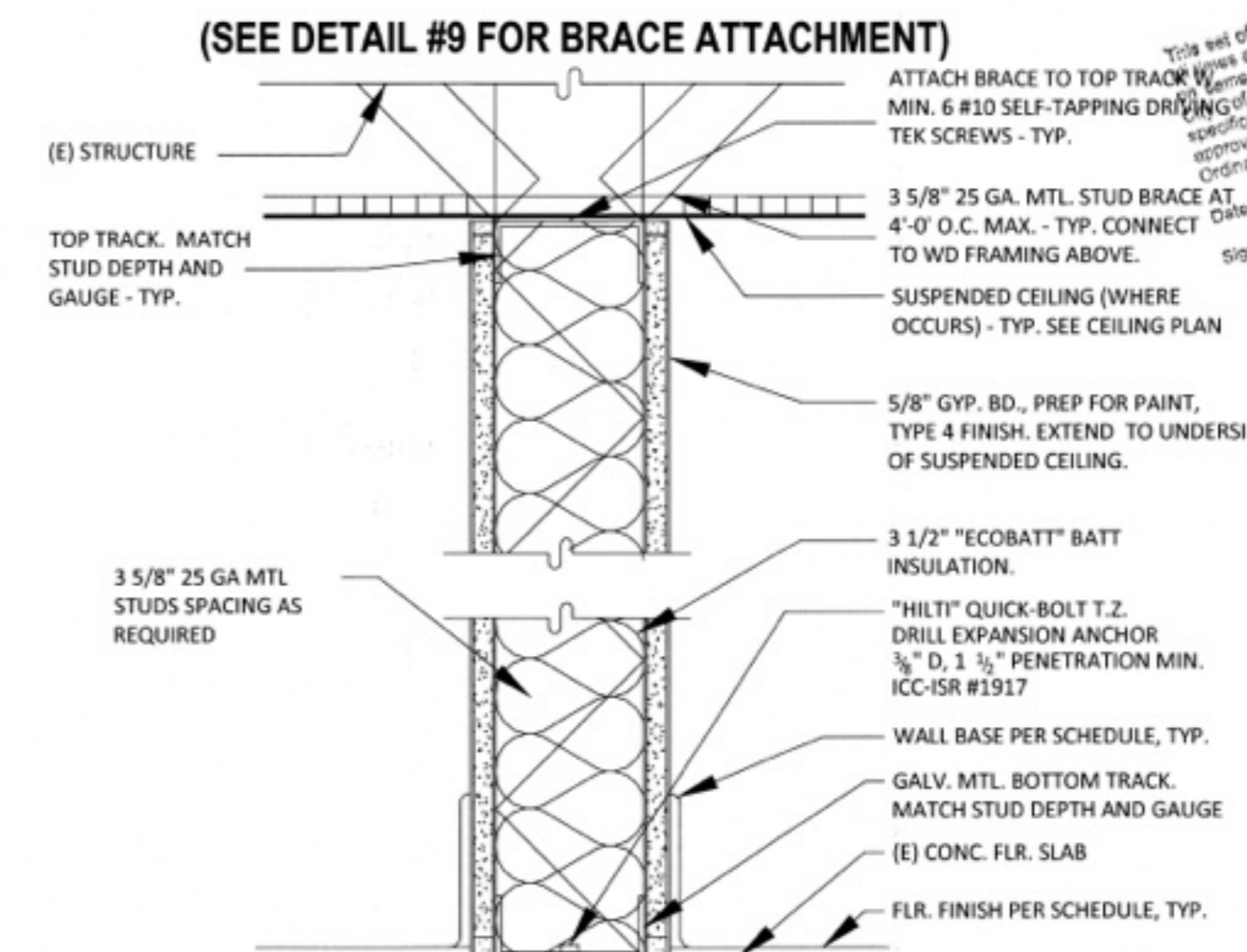
7 INTERIOR ALUMINIUM WINDOW FRAME @ SILL

Scale: 6" = 1'-0"



4 THRESHOLD CARPET TO TILE

Scale: 6" = 1'-0"



1 TYP. NON RATED WALL

Scale: 3" = 1'-0"



A PROJECT FOR:



1210B E. HUNTINGTON DR.
DUARTE, CA 91010

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

CITY OF DUARTE
BUILDING AND SAFETY DIVISION
APPROVED

This set of plans is submitted for review and approval. It is the responsibility of the submitter to ensure that all plans comply with the applicable codes and regulations. The City of Duarte reserves the right to require modifications or to reject the plans at any time. The submitter shall be held responsible for any provision of any City Ordinance or State Law.

Date: _____
Signature: *Chh*

PROJECT DATA

DATE 01-19-26
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

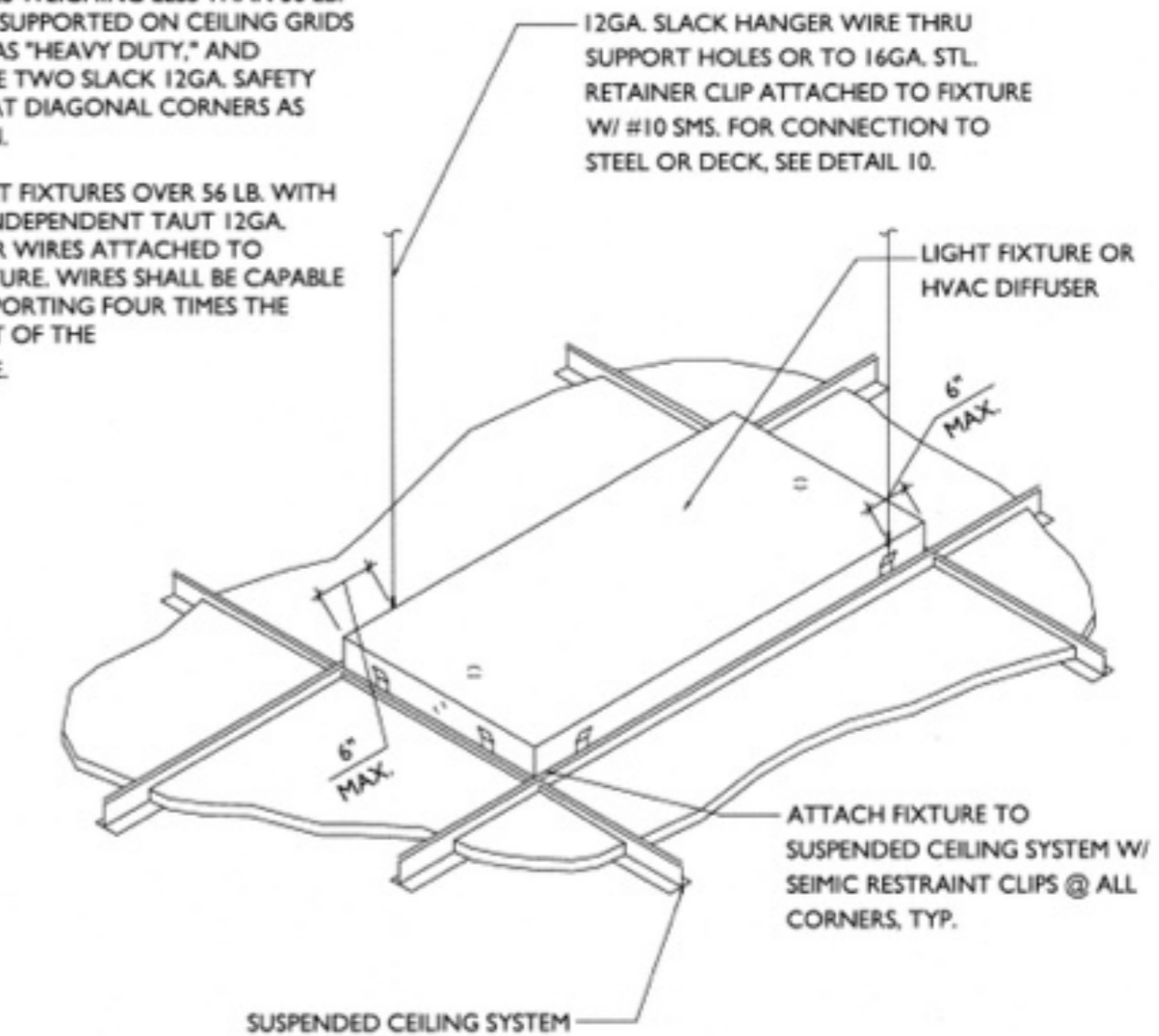
DETAILS

SHEET NO.

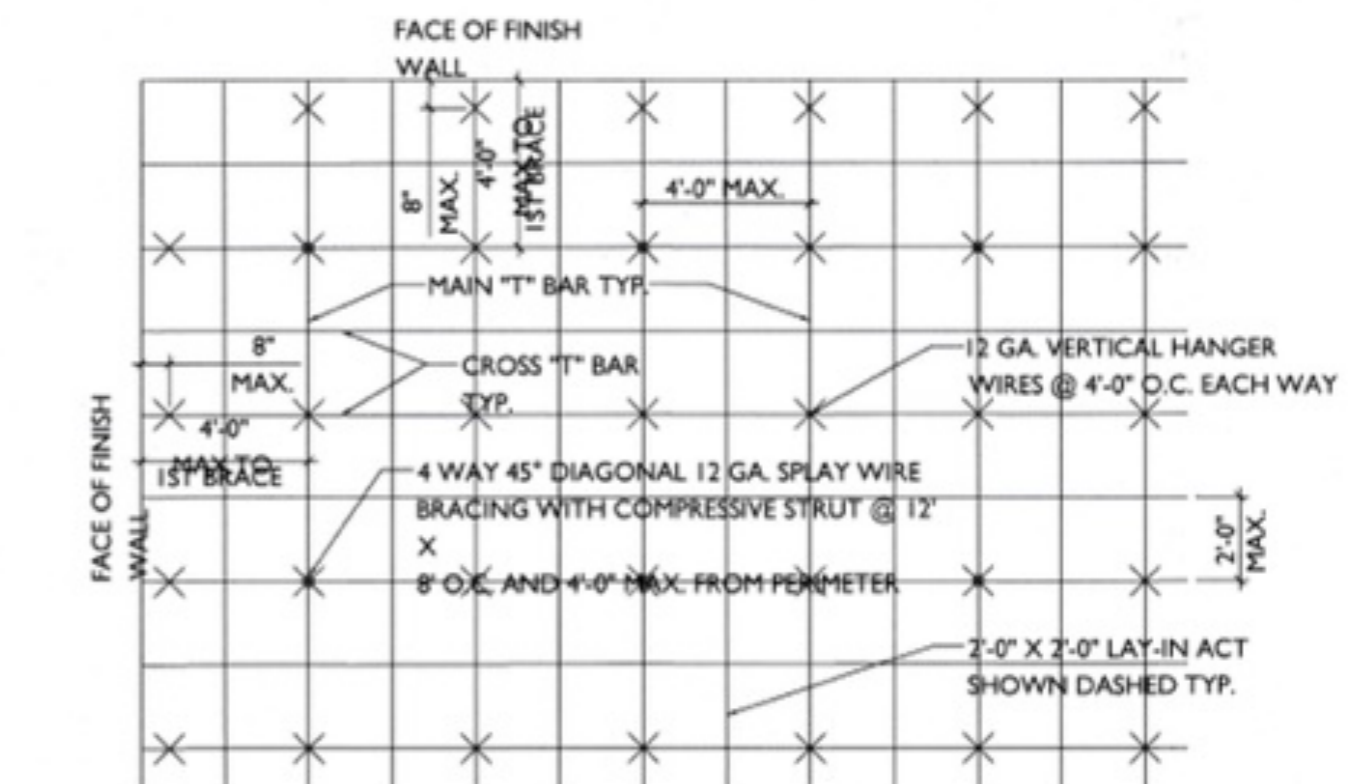
D-1.4

NOTE:
FIXTURES WEIGHING LESS THAN 56 LB. MAY BE SUPPORTED ON CEILING GRIDS RATED AS "HEAVY DUTY," AND PROVIDE TWO SLACK 12GA. SAFETY WIRES AT DIAGONAL CORNERS AS SHOWN.

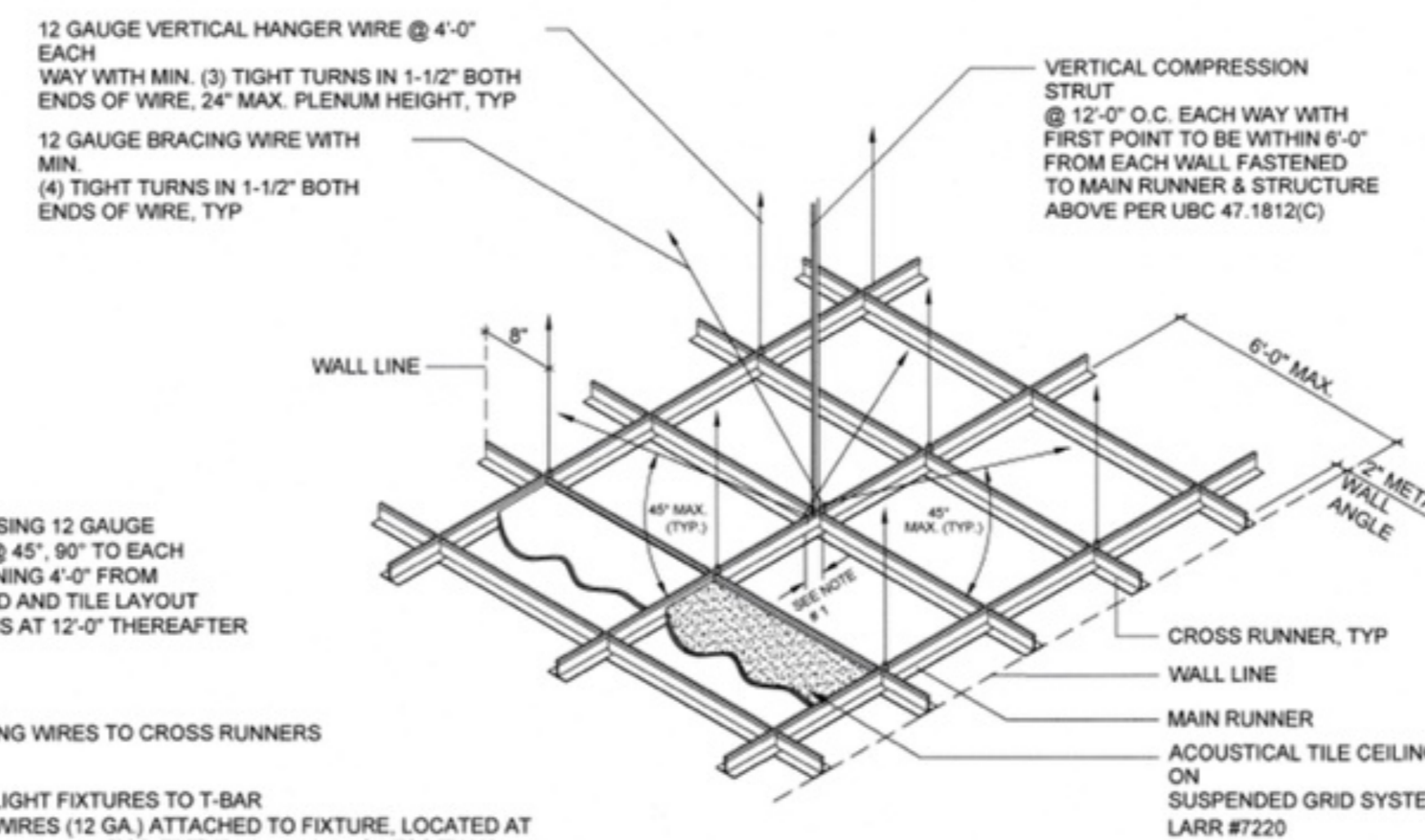
SUPPORT FIXTURES OVER 56 LB. WITH FOUR INDEPENDENT TAUT 12GA. HANGER WIRES ATTACHED TO STRUCTURE. WIRES SHALL BE CAPABLE OF SUPPORTING FOUR TIMES THE WEIGHT OF THE FIXTURE.



4) FIXTURE SUPPORT
6" = 1'-0"



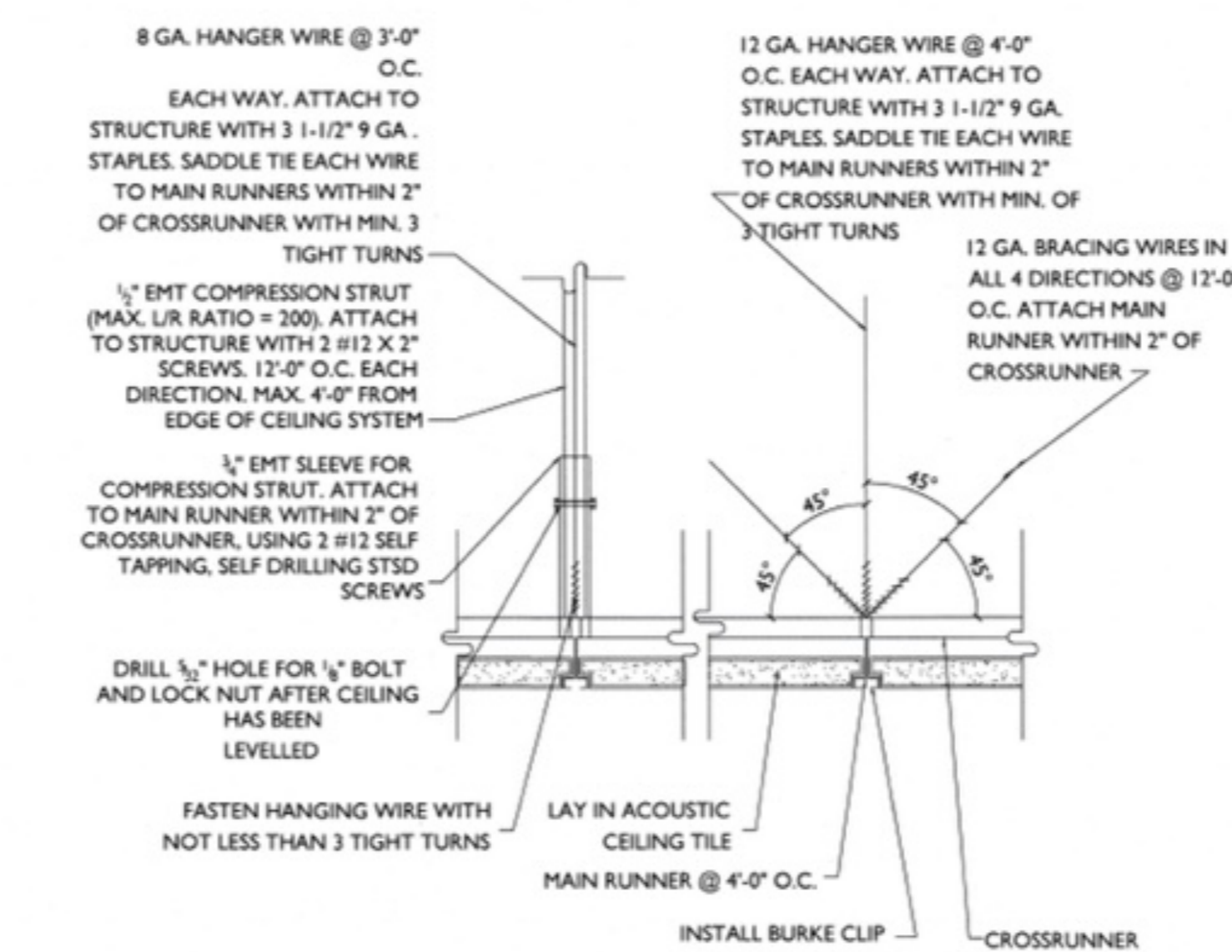
5) CEILING PLAN DIAGRAM - ATC
6" = 1'-0"



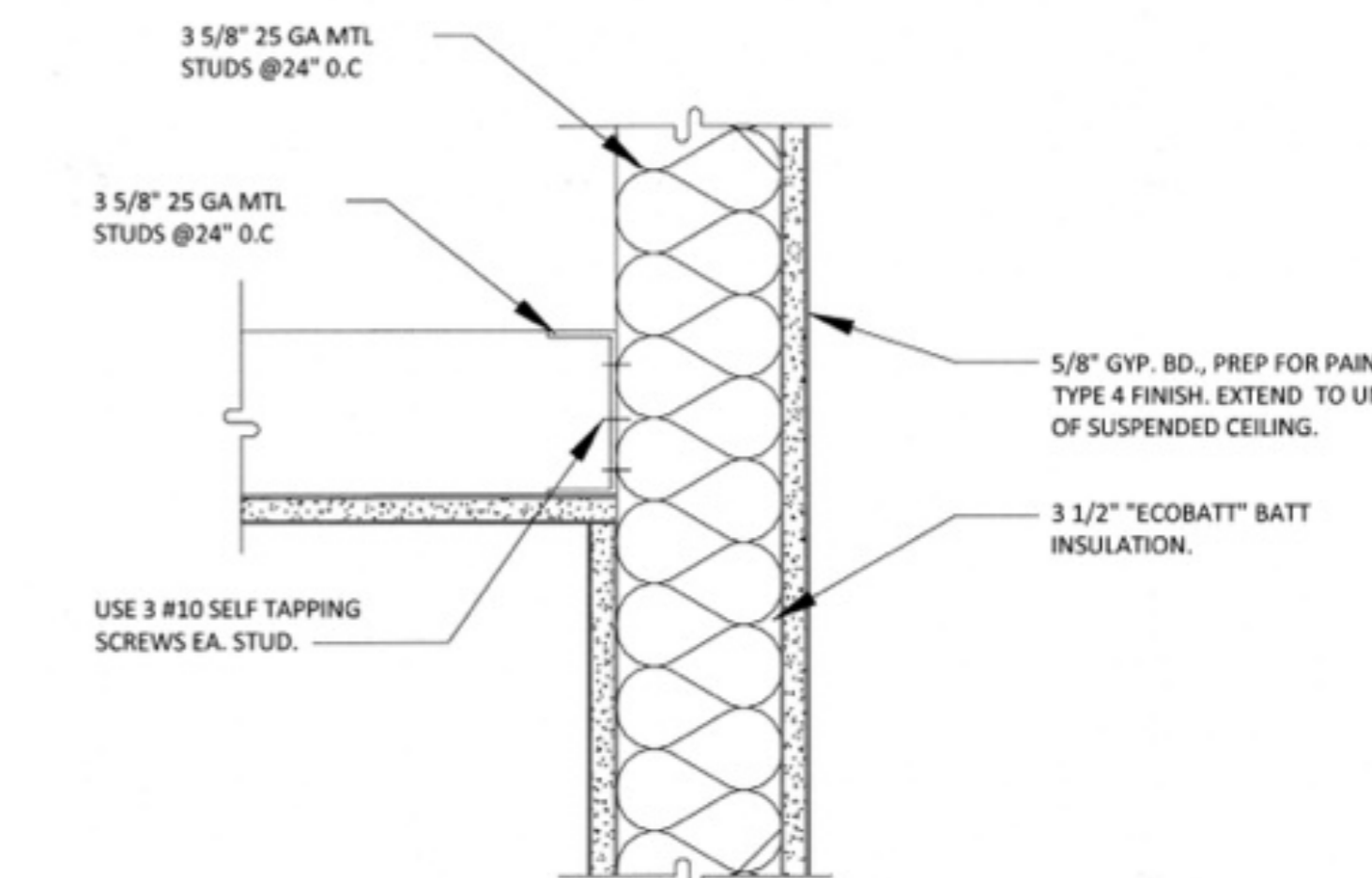
2) CEILING BRACE AXON
1/4" = 1'-0"

GENERAL NOTE:
INSTALL CEILING GRID USING 12 GAUGE SPLAY WIRE HANGERS @ 45°, 90° TO EACH OTHER (4 WIRES) BEGINNING 4'-0" FROM STARTING POINT OF GRID AND TILE LAYOUT AND IN BOTH DIRECTIONS AT 12'-0" THEREAFTER

- NOTES:
- 2" MAX. FROM BRACING WIRES TO CROSS RUNNERS
 - LIGHT FIXTURE:
 - SCREW OR CLIP LIGHT FIXTURES TO T-BAR
 - PROVIDE SLACK WIRES (12 GA.) ATTACHED TO FIXTURE, LOCATED AT TWO OPPOSING CORNERS (FOR FIXTURES WEIGHING LESS THAN 56 LBS.)
 - PROVIDE FOUR VERTICAL WIRES (ATTACHED TO MAIN RUNNERS) WITHIN 3" OF EACH LIGHT FIXTURE.



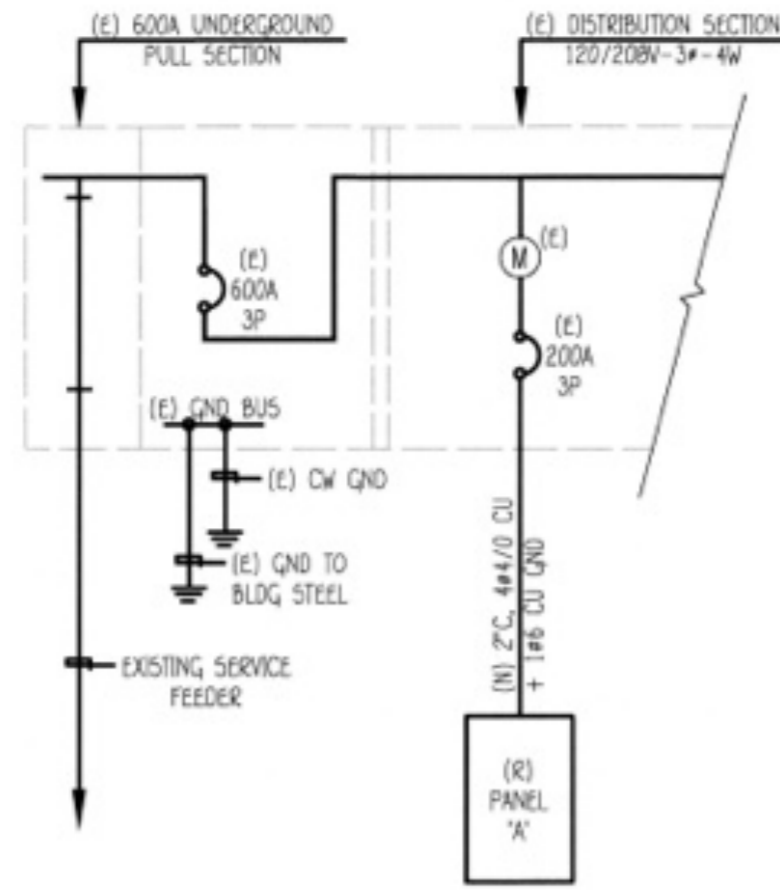
1) SUSPENDED ACOUSTICAL CEILING TILE
3" = 1'-0"



6) HARD LID CEILING DETAIL
N.T.S.

EXISTING SINGLE LINE NOTES

- a. ALL CONDUCTORS SHALL BE COPPER AS FOLLOWS:
 - a.1. #12 AWG AND SMALLER - SOLID, TW
 - a.2. #10 AWG AND LARGER - STRANDED, THIN, THIN OR XHHN
- b. ALL NEW CIRCUIT BREAKERS, FUSIBLE SWITCHES IN MAIN SWITCHBOARD OR PANEL BOARDS SHALL BE SERIES RATED TO MATCH EXISTING AC RATING OR APPROVED EQUAL OR EXACT, UNLESS NOTED OTHERWISE.
- c. MOTOR CIRCUIT PROTECTORS SHALL NOT BE A PART OF A SERIES COMBINATION INTERRUPTING RATING.
- d. SERIES COMBINATION AC RATING SHALL NOT BE USED WHEN THE SECONDARY EQUIPMENT IN THE SERIES IS SUBJECT TO A TOTAL CONNECTED FULL LOAD MOTOR CURRENT OF MORE THAN 1% OF ITS AC RATING.
- e. EQUIPMENT ENCLOSURES SHALL BE CLEARLY MARKED "CAUTION-SERIES RATED SYSTEM - 65KAMPS AVAILABLE, IDENTIFIED REPLACEMENT COMPONENTS REQUIRED", IN COMPLIANCE WITH 2025 NEC (2025 NEC) SECTION 110-22. END USE EQUIPMENT SHALL ALSO BE MARKED WITH THE HIGHER SERIES COMBINATION INTERRUPTING RATING AS PER 2025 NEC SECTION 240-83(C). NO EXCEPTION.
- f. FUSES SHALL BE PROVIDED WITH REJECTION TYPE FUSE HOLDERS.
- g. ELECTRICAL EQUIPMENT SHALL BE LISTED BY THE CITY, WHERE THE PROJECT IS LOCATED, RECOGNIZED ELECTRICAL TESTING LABORATORY OR APPROVED BY THE DEPARTMENT.
- h. NO PIPING, DUCTS OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE LOCATED WITHIN THE DEDICATED SPACE ABOVE THE ELECTRICAL EQUIPMENT.
- i. MAIN SERVICE WILL NOT BE ENERGIZED PRIOR TO THE BUILDING INSPECTIONS RECEIPT OF A THIRD PARTY "NETL" TESTING, LABORATORY PERFORMANCE TEST CERTIFICATION FOR THE SERVICE GROUND FAULT PROTECTION. 2025 NEC 230.95



- (A) (2) FIXTURES TYPE 'A' PER LIGHTING FIXTURE SCHEDULE
- S SWITCH FLUSH IN WALL, TOGGLE TYPE +4"
- S₂ SWITCH FLUSH IN WALL, TOGGLE DOUBLE POLE +4"
- S₃ SWITCH FLUSH IN WALL, THREE WAY +4" TOGGLE TYPE.
- T STAT WITH #18-4 TO FAU-1 OR AC-1 TYP.
- STANDARD DUPLEX RECEPTACLE OUTLET +15".
- GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE OUTLET, +4" ALL OUTLETS AT KITCHEN COUNTERTOPS AND BATHROOMS SHALL BE G.F.C.I.
- 240V-1+20 AMP. RECEPTACLE OUTLET V.L.
- TELEPHONE OUTLET, 4 CABLE HOME RUN TO TELEPHONE EQUIPMENT.
- DATA/COMPUTER OUTLET W/2" CONDUIT HOME RUN TO DATA/TELE. CLOSET.
- ▲ FUSED DISCONNECT SWITCH.
- ▲ EXHAUST FAN CEILING MOUNTED: 5 AIR CHANGES MIN. PER HOUR, BROAN #5140 UE - 110 CFM - 1.5 SCONES.
- ▲ EXHAUST FAN CEILING MOUNTED WITH FLUORESCENT LIGHT: 5 AIR CHANGES MIN. PER HOUR, BROAN #5110 FLUE - 110 CFM - 1.5 SCONES.
- JUNCTION BOX, SIZE AS PER CODE.
- LIGHTING PANEL/POWER PANEL, FLUSH MOUNTED IN WALL.
- SMOKE DETECTOR LISTED FOR 120V-9VDC SERIES CONNECTED: SHALL BE POWERED BY BATTERIES AND PERMANENT BLDG. POWER.
- CABLE TELEVISION OUTLET.
- 3/4" CONDUIT RUN - 2#12 AWG + GND.
- 3/4" CONDUIT RUN - 3#12 AWG + GND
- 3/4" CONDUIT RUN - 4#12 AWG + GND
- P POWER SERVICE CONDUIT RUN +36" BELOW GRADE.
- T TELEPHONE SERVICE CONDUIT RUN +24" BELOW GRADE.
- CATV CABLE TV SERVICE CONDUIT RUN +24" BELOW GRADE.
- CO. CONDUIT, ONLY WITH NYLON PULL CORD.
- P.O.C. POINT OF CONNECTION.
- V.L. VERIFY LOCATION.
- W.P. WEATHER PROOF.
- T.C. TIME CLOCK.
- FL. FLUORESCENT LIGHTS.
- U.C. UNDER-CABINET LIGHTS.
- U.G. UNDERGROUND.

1. THE COMPLETE ELECTRICAL INSTALLATION SHALL BE IN ACCORDANCE WITH THE 2025 CEC BASED ON 2025 EDITION OF THE NATIONAL ELECTRICAL CODE, THE LATEST RULES AND REGULATIONS OF THE SAFETY ORDERS ISSUED BY THE DIVISION OF INDUSTRIAL SAFETY, THE NATIONAL BOARD OF FIRE UNDERWRITERS AND ALL APPLICABLE STATE AND LOCAL CODES ISSUED BY THE AUTHORITIES HAVING JURISDICTION.
2. THE CONTRACTOR, PRIOR TO BIDDING, SHALL VISIT THE JOB SITE TO BECOME ACQUAINTED WITH THE EXISTING INSTALLATION AND SYSTEM RELATED TO HIS WORK AND SHALL INCLUDE IN HIS BID PROPOSAL ALL LABOR AND MATERIALS REQUIRED FOR THE ELECTRICAL INSTALLATION TO BE COMPLETE AND OPERATIVE.
3. THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL AND OTHER DRAWINGS RELATED TO THIS PROJECT FOR ADDITIONAL WORK TO BE PROVIDED.
4. ANY POWER SHUTDOWN SHALL BE COORDINATED WITH THE OWNER CONSTRUCTION COORDINATOR. A SHUTDOWN SCHEDULE SHALL BE PRESENTED TO THE OWNER FOR APPROVAL ONE WEEK PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN WORK SHALL BE PERFORMED IN OVERTIME HOURS IF SO DIRECTED BY THE OWNER.
5. ALL FEEDER AND BRANCH CIRCUIT CONDUITS SHALL BE INSTALLED CONCEALED IN FINISHED AREA, UNLESS OTHERWISE NOTED.
6. THE OWNER RETAINS FIRST SALVAGE RIGHTS TO ALL EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE OWNER FOR DISPOSITION OF THE EXISTING EQUIPMENT TO BE REMOVED BY HIM. THE CONTRACTOR SHALL INCLUDE IN HIS BID PROPOSAL ALL COSTS RELATED TO THE DISPOSITION OF EXISTING EQUIPMENT REMOVED UNDER THIS CONTRACT.
7. DEMOLITION WORK SHALL BE PROVIDED AS REQUIRED TO ACCOMPLISH NEW WORK CALLED FOR AND AS NOTED. WORK SHALL BE PERFORMED CAREFULLY TO AVOID DAMAGE TO SURFACES, STRUCTURES, AND EQUIPMENT NOT BEING REMOVED. EXISTING EQUIPMENT AND/OR ELECTRICAL WIRING WHICH IS TO REMAIN, BUT HAS BEEN REMOVED TO FACILITATE THE INSTALLATION OF THE NEW EQUIPMENT, SHALL BE RESTORED TO ITS ORIGINAL OPERATING CONDITION.
8. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL ITEMS IN OR ON WALLS, CEILING, AND FLOORS WHICH WILL BE REMOVED FOR THE RENOVATION WORK OF THIS PROJECT. DISCONNECT COMPLETELY BEFORE START OF REMOVAL.
9. WHERE OUTLETS ARE REMOVED AND/OR CONDUIT IS CUT OFF, ALL EXISTING CONDUCTORS SHALL BE REMOVED BACK TO THE NEXT OUTLET, JUNCTION BOX OR PANEL BOARD.
10. EXISTING CONDUCTORS REMOVED FROM SERVICE SHALL NOT BE PERMITTED TO BE USED FOR NEW WORK UNDER THIS CONTRACT.
11. EXISTING CONDUIT RUNS REMAINING IN PLACE MAY BE UTILIZED FOR THE RENOVATION WORK, PROVIDED THAT THE CONDUIT IS OF ADEQUATE SIZE PER N.E.C. FOR THE NUMBER AND SIZE OF CONDUCTORS BEING INSTALLED.
12. BLANK COVERS SHALL BE INSTALLED WHEREVER DEVICE IS REMOVED AND OUTLET BOX REMAINS IN PLACE.
13. THE EXISTING ELECTRICAL ITEM REMAINING IN SERVICE, WHICH HAS ITS EXISTING SUPPLY CIRCUIT INTERRUPTED BY DEMOLITION WORK PERFORMED UNDER THIS CONTRACT, SHALL NOT BE RECONNECTED TO A SOURCE WHICH COULD BE OVERLOADED BY THE ADDITION OF THIS ITEM.
14. WHERE EXISTING CONDUIT AND/OR CIRCUIT HAS BEEN INTERRUPTED BY REMOVAL OF AN OUTLET(S), WALL, OR PORTION OF THE CIRCUIT, THE REMAINING CONDUIT AND/OR CIRCUIT SHALL BE REROUTED, EXTENDED AND RECONNECTED AS REQUIRED TO PROVIDE CONTINUITY OR THE CIRCUIT THAT IS TO REMAIN IN SERVICE.
15. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUCTORS SHALL BE #12 AWG THIN OR THIN COPPER ONLY.
16. UNLESS OTHERWISE INDICATED, THE MINIMUM SIZE OF CONDUITS SHALL BE 3/4" EMT.
17. GREEN INSULATED GROUND CONDUCTORS SHALL BE INSTALLED IN ALL FEEDER AND BRANCH CIRCUIT CONDUITS.
18. PROVIDE LABELS ON ALL EQUIPMENT AND DEVICES. LABELS SHALL BE SELF-ADHESIVE PHENOLIC TYPE WITH WHITE LETTERS ON BLACK BACKGROUND. PROVIDE BRADY OR DYMID TYPE LABELS (CIRCUIT IDENTIFICATION) FOR ALL SWITCHES AND RECEPTABLES.
19. THE CONTRACTOR SHALL RETRACE ALL CIRCUITS AND PROVIDE REVISED TYPED WRITTEN DIRECTORIES FOR THE ELECTRICAL PANELS INVOLVED IN THIS PROJECT. THE PANEL DIRECTORY SHALL REFLECT THE AS BUILT CIRCUITS, ONE COPY OF SCHEDULE SHALL BE TAPED TO THE INSIDE OF THE PANEL DOOR, AND ONE COPY SHALL BE SUBMITTED TO THE ENGINEER AS AN "AS-BUILT" DRAWING.
20. ELECTRICAL EQUIPMENT AND FEEDERS SHALL BE SUPPORTED AND/OR ANCHORED IN ACCORDANCE WITH UBC ZONE 4 SEISMIC REQUIREMENTS.
21. THE CONTRACTOR SHALL MAINTAIN AT THE JOB SITE, AN UP TO DATE "AS-BUILT" DRAWING SET. THE "AS-BUILT" DRAWING SET SHALL REFLECT ALL APPROVED CHANGES TO THE DESIGN DRAWINGS. THE "AS-BUILT" DRAWING SET SHALL BE KEPT CLEAN AND IN GOOD CONDITION AND SHALL BE TURNED OVER TO THE OWNER AT THE COMPLETION OF THE PROJECT.
22. UPON COMPLETION OF HIS WORK, THE CONTRACTOR SHALL SCHEDULE AND PERFORM A COMPLETE FUNCTIONAL TEST TO DEMONSTRATE TO THE OWNER THAT THE NEW INSTALLATION IS OPERATING AS INTENDED. ANY DEFECTS OR DEFICIENCIES IN THE MATERIALS OR WORK SHALL BE CORRECTED IMMEDIATELY BY AND AT THE CONTRACTOR'S EXPENSE.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL REQUIRED ELECTRICAL PERMITS AND INSPECTIONS.
24. THE SUBMISSION OF A BID OR PROPOSAL SHALL BE CONSIDERED AS CONCLUSIVE EVIDENCE THAT THE CONTRACTOR IS THOROUGHLY FAMILIAR WITH THE INTENT OF THE CONTRACT DOCUMENT, AND NO CHANGE ORDER WILL BE ISSUED FOR ANY ADDITIONAL LABOR OR MATERIAL REQUIRED TO RECTIFY ANY DISCREPANCY DISCOVERED OR REPORTED TO THE ENGINEER AFTER THE EXECUTION OF THE CONTRACT.
25. PROVIDE 120 VOLT A/C CIRCUITS AS REQUIRED TO SERVE AUXILIARY EQUIPMENT SUCH AS HVAC BMS CONTROL PANELS, SERVICE OUTLETS FOR AIR CONDITIONING UNITS IF REQUIRED.
26. CONTRACTOR SHALL PROVIDE ANY TEST REPORTS AS PART OF TURNOVER PACKAGE TO THE OWNER.
27. CONTRACTOR SHALL PROVIDE PENETRATION FIRESTOPPINGS TO ALL NEW AND ABANDONED PENETRATIONS USING UL LISTED "3M" FIRE PROTECTION PRODUCTS, ALL IN COMPLIANCE WITH 2025 CEC.
28. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BACK BOXES AND 3/4" CONDUIT SYSTEM REQUIRED BY LIFE SAFETY SYSTEM.
29. LIFE SAFETY CONTRACTOR SHALL PROVIDE A COMPLETE DESIGN AND INSTALLATION OF FIRE ALARM AND DETECTION SYSTEM. FIRE ALARM SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY LOCAL FIRE MARSHAL PRIOR TO INSTALLATION. DESIGN SHALL BE BASED ON MANUFACTURER SYSTEM REQUIREMENTS AND STATE CODE AND REGULATIONS.
30. CONDUITS SHALL BE SUPPORTED AND BRACED THE SAME AS "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL AND PLUMBING PIPING SYSTEMS", OR THE SUPERSTRUT "SEISMIC RESTRAINT SYSTEM".
31. HVAC AUTOMATIC CONTROLS AND "BMS": REFER TO MECHANICAL PLANS AND ROOF AREA PROVIDE ALL CONTROL CONDUIT REQUIRED FROM "BMS" PANEL IN MECHANICAL TO ALL SENSORS, DEVICES, CONTROLLERS, LOCAL "DDC" AND "PHOENIX" PANELS, COMPLETE AS SHOWN ON MECHANICAL PLANS, INCLUDING 120V-UPS POWER WIRING.
32. SECURITY SYSTEM CONDUIT AND WIRING: REFER TO SECURITY DRAWINGS FOR ALL CONDUIT, CABINETS, I-BOXES, 120V, EMERGENCY POWER AND WIRING. COMPLY WITH ALL REQUIREMENTS THEREON WHEN APPLIES. (IF AVAILABLE.)
33. ALL EXTERIOR ELECTRICAL DEVICES AND EQUIPMENT SHALL BE WEATHERPROOF TYPE, NEMA "3R".
34. BRANCH CIRCUIT WIRING CHART:

VOLTS	LENGTH	WIRE SIZE	MAX. WATTS	ΔV
120V	0-100FT.	#12	1250W	3% MAX.
120V	101-175FT.	#10	1250W	3% MAX.
277V	0-150FT.	#12	3400W	2 1/2% MAX.
277V	151-250FT.	#10	3400W	2 1/2% MAX.

 NOTE: PROVIDE #10 WIRE MIN. NEUTRAL AND GROUND WIRE SIZE FOR ALL 120 VOLT CIRCUITS.
35. CONSTRUCTION SEQUENCING AND PHASING: PROVIDE CONSTRUCTION IN PHASES AND IN CONJUNCTION WITH THE PHASING / SEQUENCING INDICATED ON THE ARCHITECTURAL PLANS AND AS REQUIRED BY THE PROJECT.
36. BACK TO BACK OUTLETS SHALL NOT BE PERMITTED IN THIS PROJECT. ALL OUTLETS MUST BE A MINIMUM OF ON STUD BAY APART WITH INSULATION SEPARATION FOR SOUND ISOLATION.

SINGLE LINE DIAGRAM

SYMBOLS

GENERAL NOTES

Location		120/208V-3PH-4W		200Amp. Bus. M.L.O. 65 KAIC		Type of Load & Location		Watts		Type of Load & Location		Watts	
Cr	Br	AMPS	POLE	Power	Lights	Mo.	Lead	L-1	L-2	L-3	Lead	Mo.	Lights
1	20	1			21	5	880	1,400			600	Open Office Outlets	3
3	20	1	5				1,000		1,400		400	Classroom Outlets	2
5	20	1	2				400			1,200	800	Classroom Outlets	4
7	20	1	2				1,000	2,500			1,500	Electric Water Heater	2
9	20	1	1		9'		1,800		3,300		1,500	208V-1Ph-3KW	10
11	20	1	1		9'		1,800			5,200	3,400	Existing Roof Top Heat Pump	12
13	20	1	1				400	3,800			2,400	208V-3Ph-28.9A	3
15	20	1							3,400		3,400		45
17	20	1								0		Space	1
19	20	1								0		Space	1
21	20	1								0		Space	1
23	20	1								0		Space	1
25										0		Space	26
27										0		Space	28
29										0		Space	30
31										0		Space	32
33										0		Space	34
35										0		Space	36
37										0		Space	38
39										0		Space	40
41										0		Space	42

Wattages Per Phase	Watts	Total	Phase loads in amps
Total	7,848	8,168	64
L.C.L. @ 1.25%	2,680	3,250	54
Other Load @ 100%	19,804	19,804	
Total Demand Load		23,154	

120/208V-3PH-4W = 64 Watts

- * PROVIDE AND INSTALL LOCK-ON-DEVICE
- ** CEC 408.4(A) - EVERY CIRCUIT AND CIRCUIT MODIFICATION SHALL BE LEGIBLY IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OR USE. EACH CIRCUIT SHALL BE DISTINGUISHED FROM ALL OTHERS.

A AMP AMPERE	PC PHOTOCELL CONTROL
AF AMP FUSE	PB FULL BOX
AIC INTERRUPTING CAPACITY RATING	PH PHASE
AS AMP SWITCH	PNL PANEL
AT AMP TRIP	PVC POLYVINYL CHLORIDE
AFF ABOVE FINISHED FLOOR	RFP RECEPTACLE
ATS AUTOMATIC TRANSFER SWITCH	RM ROOM
C CONDUIT	S/C SINGLE CORD
CB CIRCUIT BREAKER	SHT SHEET
CO CONDUIT ONLY	SPEC SPECIFICATIONS
CU COPPER	SW SWITCH
DB DISTRIBUTION BOARD	SWBO SWITCHBOARD
DN DOWN	T/C TIME CLOCK LIGHT CONTROL PANEL
DWG DRAWING	TC TERMINAL CABINET
EA EACH	TEL TELEPHONE
ELEC ELECTRICAL	TYP TYPICAL
E, EM EMERGENCY	XPMR TRANSFORMER
EQ EQUIPMENT	UG UNDERGROUND
FLUOR FLUORESCENT	V VOLT
F FUSED	VN UNLESS OTHERWISE NOTED
FA FIRE ALARM	VA VOLT AMPERES
FM FM ANTENNA SYSTEM	VD VOLTAGE DROP
IG ISOLATED GROUND	VL VERIFY EXACT LOCATION
G, GND GROUND	W/ WITH
GI GROUND FAULT INTERRUPTER	W WATT
HOA HAND-OFF-AUTOMATIC	WP WEATHERPROOF
HP HORSE-POWER	
HV HIGH VOLTAGE	
Isc RMS SHORT CIRCUIT CURRENT	
JB JUNCTION BOX	
KV KILO VOLT	
KVA KILO VOLT AMPERE	
KW KILO WATT	
LTG LIGHTING	
LTS LIGHTS	
LV LOW VOLTAGE	
MAX MAXIMUM	
MCC MOTOR CONTROL CENTER	
MFG MANUFACTURER	
MIN MINIMUM	
MSB MAIN SWITCHBOARD	
MTD MOUNTED	
NEC NATIONAL ELECTRICAL CODE	
NEMA NATIONAL ELECTRICAL MANUFACTURES ASS.	
N/A NOT APPLICABLE	
NL NITE LITE CIRCUIT	
NO # NUMBER	
NTS NOT TO SCALE	

PANEL SCHEDULE

ABBREVIATIONS

DARRYL MURRAY INC.
 MECHANICAL • ELECTRICAL • PLUMBING
 1355 N. 3775 W., Cedar City, UT 84721
 Tel: 818.355.0225 Fax: darryl@murrayengineer.com

DATE SIGNED 04/01/26
 A PROJECT FOR:

Options For Youth
 Public Charter Schools

1210 E Huntington Dr.
 Unit B
 Duarte, CA 91010

CLIENT:

715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS

CITY OF DUARTE SAFETY DIVISION APPROVED
 This set of plans & specifications must be kept on the job at all times and it is the responsibility of the contractor to make any changes or alterations on same without written permission from Building & Safety Department. No work shall be permitted to commence until the approval of the Ordinance or Building Law.
 Date: _____
 Signature: _____

PROJECT DATA

DATE 04-01-2026
 ARCHITECT EM
 CHECKED BY RG/ML
 DRAWN BY DM
 PROJECT NO. -
 SCALE AS NOTED

SHEET TITLE

ELECTRICAL GENERAL NOTES, S.L.D., LIGHTING & POWER PLAN

SHEET NO.

E1



DARRYL MURRAY INC.
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 1355 N. 3775 W., Cedar City, UT 84721
 Tel: 818.355.0225 Fax: -
 darryl@murrayengineer.com

DATE SIGNED 04/01/26
THIS DESIGN AND DRAWING IS FOR USE ON THE SPECIFIC SITE INDICATED AND IS THE EXCLUSIVE PROPERTY OF DARRYL MURRAY INC. ANY REUSE, REPRODUCTION, REPLICATION OR ALTERATION IN PART OR IN WHOLE WITHOUT WRITTEN APPROVAL OF DARRYL MURRAY INC.

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REVISIONS

This set of plans and specifications must be kept on the job at all times and it is the responsibility of the contractor to make any changes or additions to the drawings. The contractor shall obtain the approval of the City of Duarte on any changes to the drawings. The contractor shall not be held liable for any violations of any provisions of any City Ordinance or State Law.

City of Duarte
 Building and Safety Division
 APPROVED

Date: _____
 Signature: *[Signature]*

PROJECT DATA

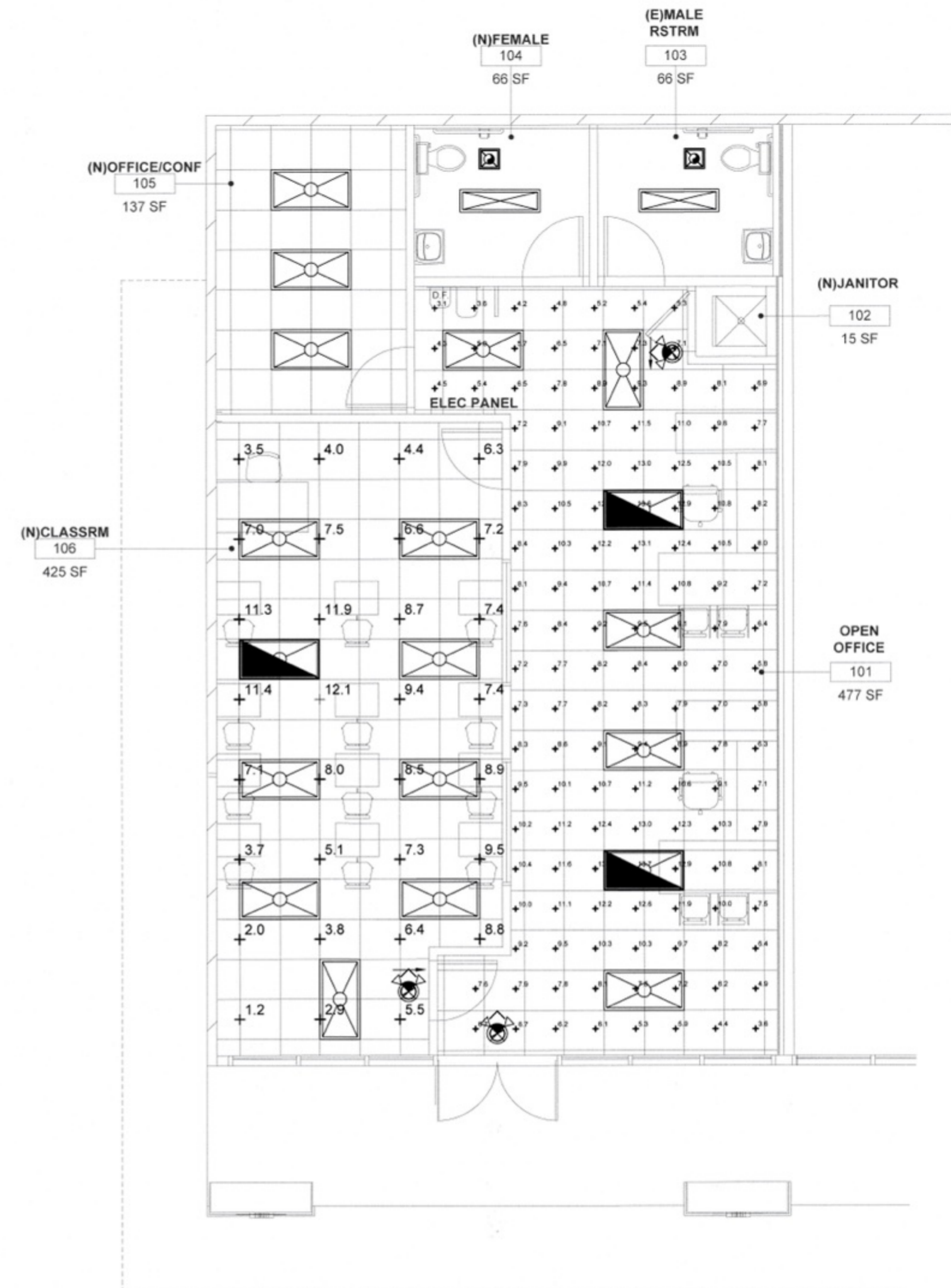
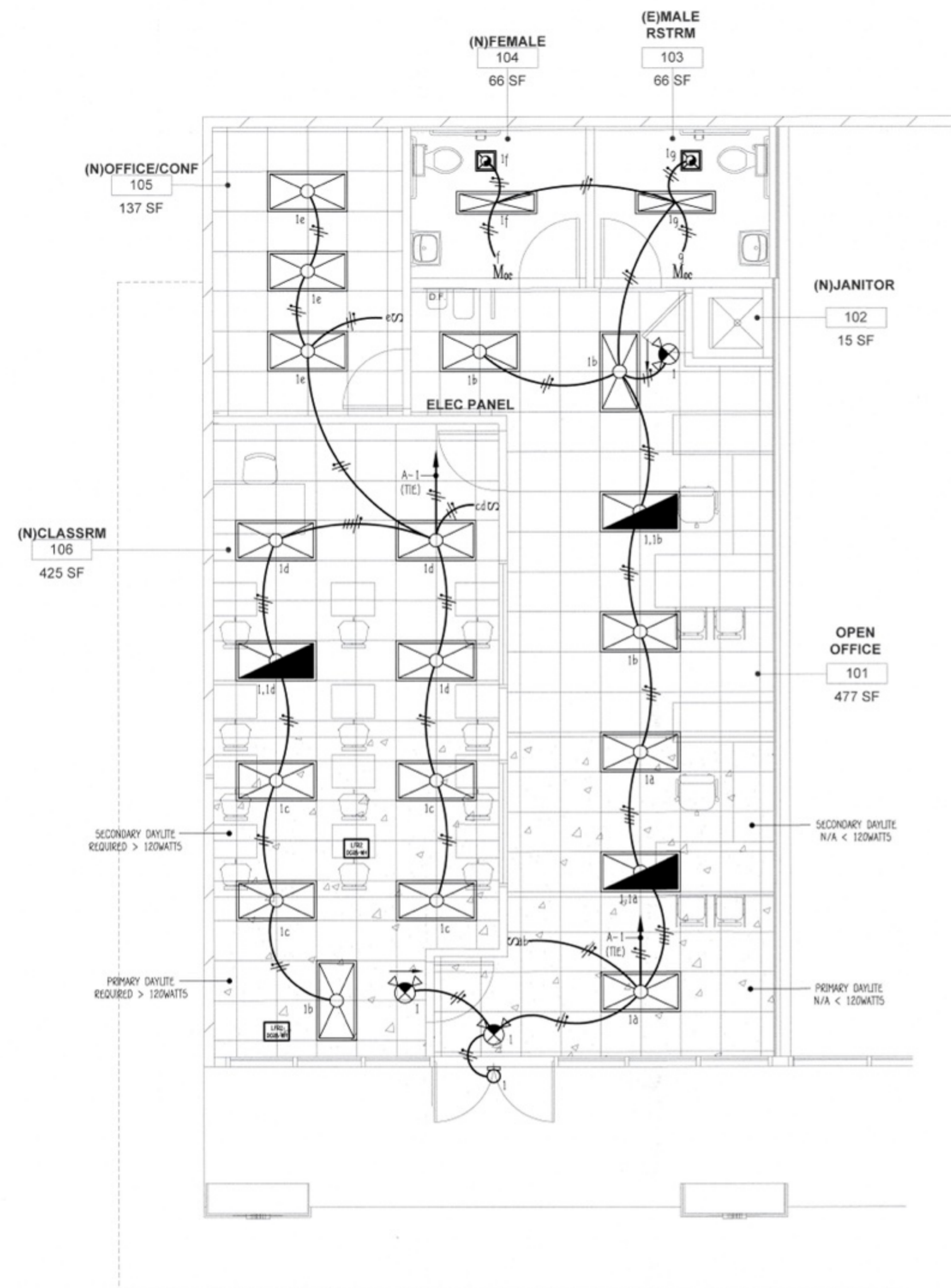
DATE 04-01-2026
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SHEET TITLE

ELECTRICAL
 LIGHTING PLAN &
 EMERGENCY
 LIGHTING
 PHOTOMETRIC

SHEET NO.

E2



TYPE	SYMBOL	LAMP	DESCRIPTION	MANUF. & CAT#
A (16)		LED	2'x4' RECESSED LED LIGHT FIXTURE, 3750 LUMENS WITH ENERGY SAVING ELECTRONIC BALLAST.	ENVISIONED CB724-A-LS05-ED0 OR EQUAL
AE (3)		LED	2'x4' RECESSED MOUNTED LED LIGHT FIXTURE WITH ENERGY SAVING ELECTRONIC BALLAST W/ 90MIN., 1400 LUMENS BATTERY BACKUP.	ENVISIONED CB724-A-LS05-ED0-ELL14 OR EQUAL
B (27)		LED	1'x4' RECESSED LED LIGHT FIXTURE, 3323 LUMENS WITH ENERGY SAVING ELECTRONIC BALLAST.	ENVISIONED CB114-A-LS05-ED0 OR EQUAL
C (11)		LED	EXTERIOR LED EMERGENCY EXIT WALL SCONCE. (35M MAX)	SPECIFIED BY ARCHITECT/OWNER
EX (1)		LED	WALL OR CEILING MOUNTED ILLUMINATED EXIT SIGN W/ SELF CONTAINED EMERGENCY BATTERY PACK UNIT. VERIFY HOUSING AND LETTER COLORS WITH ARCHITECT.	LITHONIA - EXT-LED-M6 SERIES



LIGHTING SYMBOLS:

- Moc M5-2101-WA LUTRON 0-10V DIMMING SWITCH/OCCUPANCY SENSOR
- S DV5TV-WH LUTRON 0-10V DIMMER SWITCH
- URP2-DCRB-WH LUTRON DAY LIGHT SENSOR
- Soc LUTRON DIMMING SWITCH/OCCUPANCY SENSOR PART #M50F2-WH
- DIGITAL DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR.
- DIGITAL LIGHTING MANAGEMENT TRIPLE RELAY W/0-10V DIMMING ROOM CONTROLLER.

PROPOSED LIGHTING PLAN SCALE 3/8" = 1'-0"

PROPOSED EMERGENCY LIGHTING PHOTOMETRICS SCALE 3/8" = 1'-0"



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DATE SIGNED 04/01/26

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715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS

CITY OF DUARTE
 BUILDING AND SAFETY DIVISION
 APPROVED

This set of plans is for all areas and it is on same without specifications of the City of Duarte. All work shall be in accordance with the Ordinance of the City of Duarte. The contractor shall be responsible for obtaining all necessary permits and approvals of any private or public utility. The contractor shall be responsible for obtaining all necessary permits and approvals of any private or public utility.

Date: _____
 Signature: *Chris*

PROJECT DATA

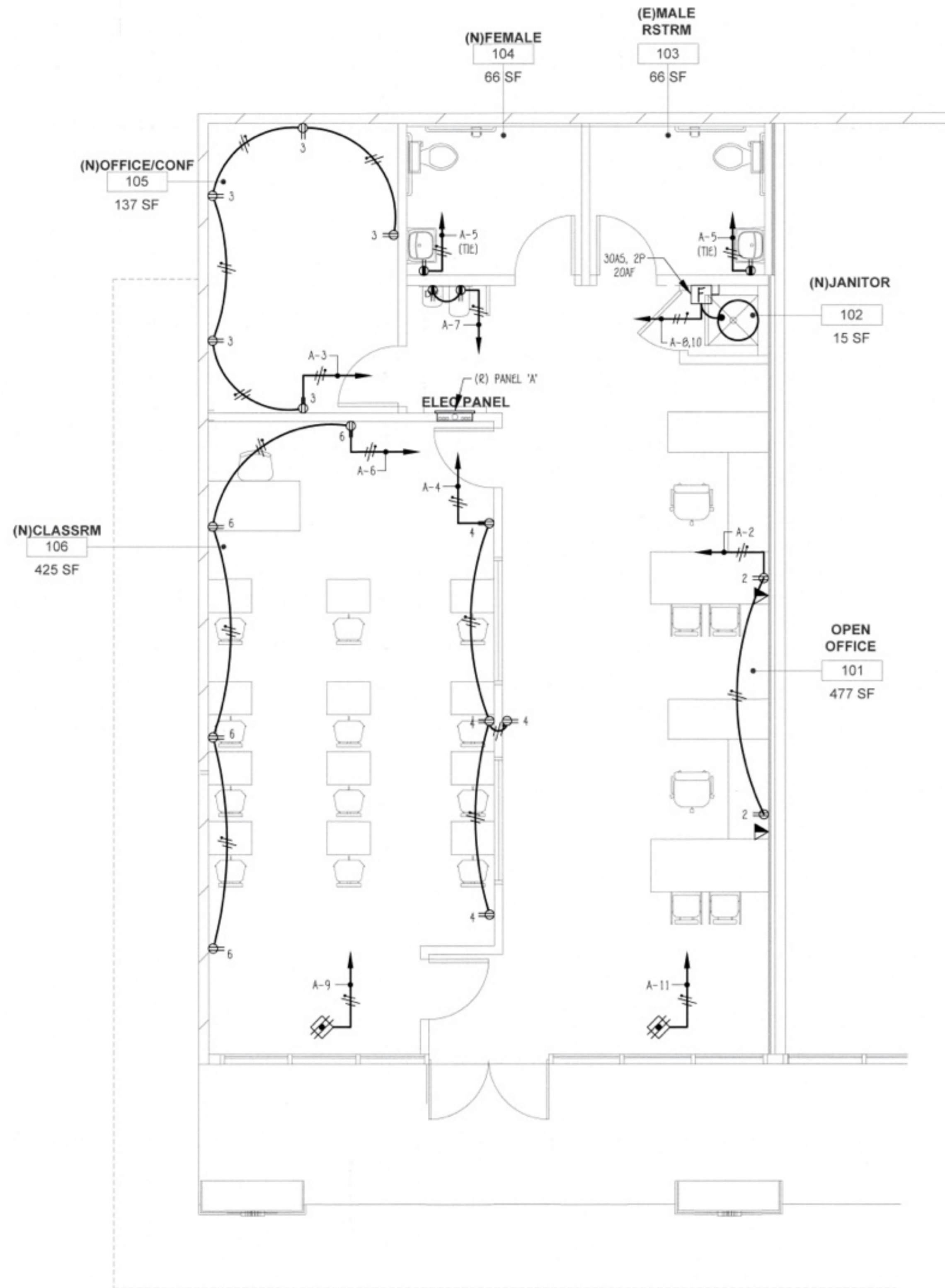
DATE 04-01-2026
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 PROJECT NO. -
 SCALE AS NOTED

SHEET TITLE

ELECTRICAL
 POWER PLANS &
 EXISTING ROOF
 POWER PLAN

SHEET NO.

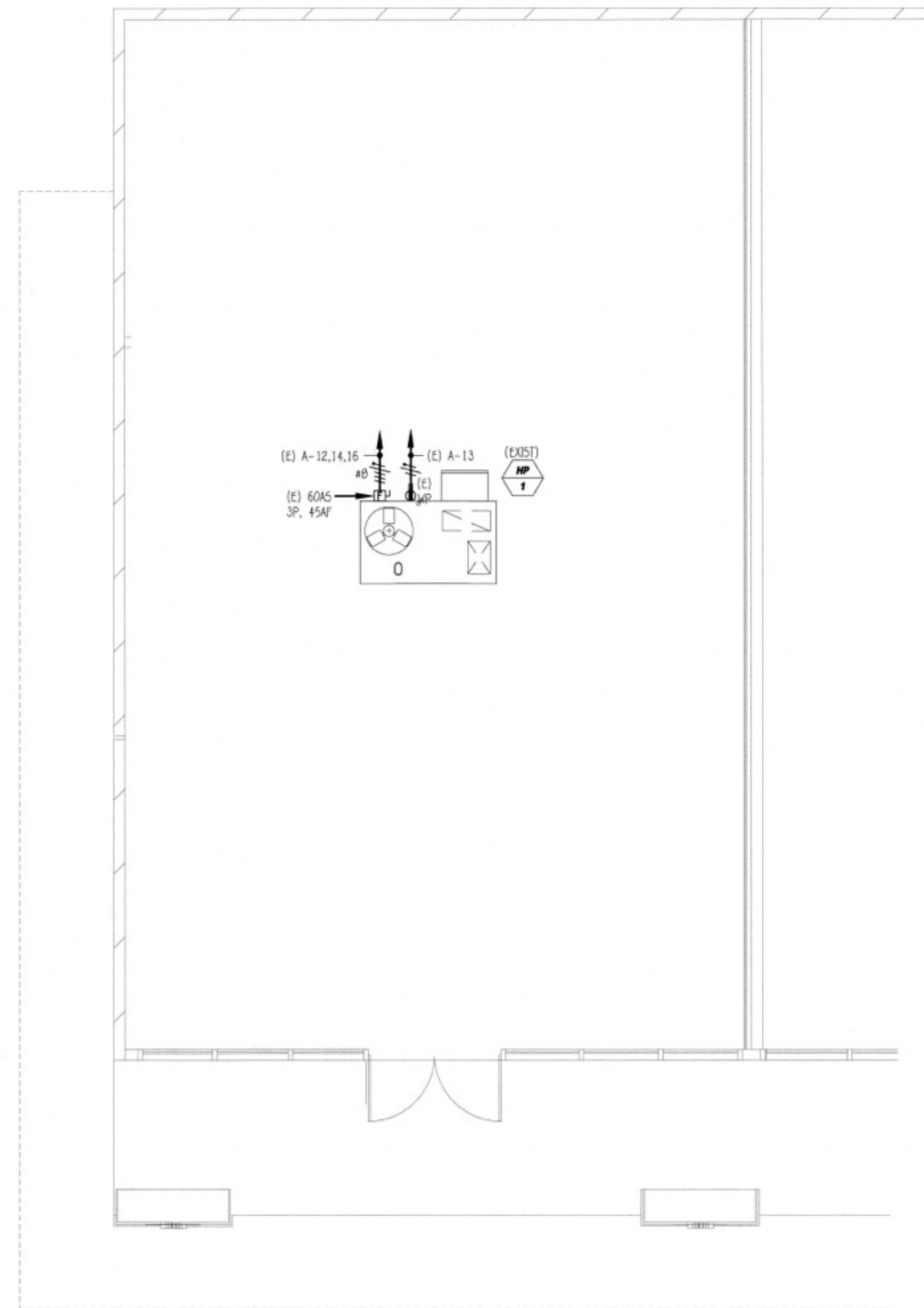
E3



PLAN NOTES:

- ALL BRANCH CIRCUITS SERVING PATIENT CARE SPACES SHALL BE PROVIDED WITH AN EFFECTIVE GROUND-FAULT CURRENT PATH BY INSTALLATION IN A METAL RACEWAY SYSTEM OR A CABLE HAVING A METALLIC ARMOR OR SHEATH ASSEMBLY. THE METAL RACEWAY SYSTEM, METALLIC CABLE ARMOR, OR SHEATH ASSEMBLY SHALL ITSELF QUALIFY AS AN EQUIPMENT GROUNDING CONDUCTOR IN ACCORDANCE WITH 250.118.
- GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE OUTLET. ALL OUTLETS WITHIN 3'-0" OF A SINK OR WATER SOURCE SHALL BE G.F.C.I.

PROPOSED POWER PLAN SCALE 1/8" = 1'-0"



EXISTING ROOF POWER PLAN SCALE 1/8" = 1'-0"

STATE OF CALIFORNIA
Indoor Lighting
 CALIFORNIA ENERGY COMMISSION
 NRC-1314
 CERTIFICATE OF COMPLIANCE
 Project Name: Opportunities For Youth
 Report Page: (Page 1 of 7)
 Date Prepared: 4/1/2024

A. GENERAL INFORMATION

01 Project Location (city)	Duarte	04 Total Conditioned Floor Area (ft ²)	1,186
02 Climate Zone	9	05 Total Unconditioned Floor Area (ft ²)	0
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (habitable above grade)	1

Classroom • Office • Support Areas • All Other Occupancies

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 / §170.2(e) or §141.0(a)(2) / §180.2(b)(4) for alterations.

Scope of Work	Conditioned Spaces	Unconditioned Spaces
01	02	03
04	05	06
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)
<input type="checkbox"/> New Lighting System		
<input type="checkbox"/> New Lighting System - Parking Garage		
<input checked="" type="checkbox"/> Altered Lighting System	Area Category Method	1186
		0
Total Area of Work (ft²)		1186

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STATE OF CALIFORNIA
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C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per §140.6(b)(1) / §170.2(e)	Allowed Lighting Power per §140.6(b) / §170.2(e) (Watts)				Adjusted Lighting Power per §140.6(a) / §170.2(e) (Watts)			Compliance Results
	01	02	03	04	05	06	07	
Complete Building §140.6(c)(1)	Area Category §140.6(c)(2) / §170.2(e)(4)	Area Category Additional §140.6(c)(2) / §170.2(e)(4)(v) (+)	Total Allowed (Watts)	≥	Total Designed (Watts)	Adjustments §140.6(a)(2) / §170.2(e)(5) (-)	Total Adjusted (Watts) *Includes Adjustments	08 05 must be ≥ 08 §140.6 / §170.2(e)
	[See Table I]	[See Table I]	[See Table I]		[See Table F]	[See Table F]		
Conditioned	722	0		≥	722	0		COMPLIES
Unconditioned				≥	624	0		COMPLIES
Controls Compliance (See Table H for Details)								COMPLIES
One-for-one Luminaire Alterations Compliance (See Table Q for Details)								COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/ motel room lighting is documented in Table I. If using Table I to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

Designated Wattage: Conditioned Spaces	01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change	Watts per luminaire ²	How is Wattage determined	Total Number of Luminaires	Excluded per §140.6(a)(3) / §170.2(e)(2)	Design Watts	Field Inspector	Pass
A/AE	LED 2x4 Fixture	No	NA	30	MR. Spec	19	No	570	<input type="checkbox"/>	<input type="checkbox"/>
B	LED 1x4 Fixture	No	NA	27	MR. Spec	2	No	54	<input type="checkbox"/>	<input type="checkbox"/>
Total Designed Watts: CONDITIONED SPACES								624		

G. MODULAR LIGHTING SYSTEMS

This section does not apply to this project.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

Building Level Controls	01	02	03
Mandatory Demand Response §110.12(c)		Shut-off controls §130.1(c) / §160.5(b)(4)	Field Inspector
Required ≥ 4,000W subject to multilevel		Whole Building Auto Time Switch	Pass
			Fail

I. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

J. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

K. ONE-FOR-ONE LUMINAIRE ALTERATIONS

This section does not apply to this project.

L. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

M. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

N. DWELLING UNIT LIGHTING

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selections have been changed by the permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and any with "A" in the form name must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/ettp24/ettp24/providers.html>

Form/Title	Systems/Spaces to Be Field Verified
NRC-1314-Q2-A - Must be submitted for occupancy sensors and automatic time switch controls.	Whole Building Time Switch; Whole Building;
NRC-1314-Q3-A - Must be submitted for daylight responsive controls.	Whole Building;
NRC-1314-Q4-A - Must be submitted for demand responsive lighting controls.	Whole Building Demand Response;

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STATE OF CALIFORNIA
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H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

Area Description	04	05	06	07	08	09	10	11	12
Complete Building or Area Category Primary Function Area	Manual Controls §130.1(a) / §160.5(b)(4A)	Multi-Level Controls §130.1(b) / §160.5(b)(4B)	Shut-Off Controls §130.1(c) / §160.5(b)(4C)	Primary/Sky lit Daylighting §130.1(d) / §160.5(b)(4D)	Secondary Daylighting §130.1(e) / §160.5(b)(4E)	Interlocked Systems §140.6(a)(1) / §170.2(e)(2) A	Field Inspector	Pass	Fail
Whole Building	All Other Space Types	Readily Accessible and located in the same space.	Dimmer	Occupancy Sensor	Included	Included	No	<input type="checkbox"/>	<input type="checkbox"/>

Plan Sheet Showing Daylit Zones:

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per §140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(c) or adjustments per §140.6(a) are being used.

Area Description	01	02	03	04	05	06
Open Office	Office (<=250 square feet)	0.6	477	286.2	No	No
Offices	Office (<=250 square feet)	0.65	137	89	No	No
Janitors Closet	All Other Space Types	0.4	15	6	No	No
Classrooms	Classroom, Lecture, or Training/Vocational	0.6	423	255	No	No
Restrooms	Restroom	0.65	132	85.8	No	No
TOTALS:			1,186	722		See Tables I, or P for detail

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 Date Prepared: 4/1/2024

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

K. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

L. ONE-FOR-ONE LUMINAIRE ALTERATIONS

This section does not apply to this project.

M. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

N. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

O. DWELLING UNIT LIGHTING

This section does not apply to this project.

P. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selections have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/Title
NRC-1314-E - Must be submitted for all buildings

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 Report Page: (Page 6 of 7)
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Q. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

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 NRC-1314
 CERTIFICATE OF COMPLIANCE
 Project Name: Opportunities For Youth
 Report Page: (Page 7 of 7)
 Date Prepared: 4/1/2024

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Darryl Murray
 Signature Date: 2026-04-01
 Address: 1355 N 3775 W
 City/State/Zip: Cedar City UT 84721
 Phone: 818-355-0225

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 4 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name: Matthew Lohrens
 Signature Date: 2026-04-01
 Address: 1355 N 3775 W
 City/State/Zip: Cedar City UT 84721
 Phone: 818-355-0225

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DATE SIGNED 04/01/26

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CLIENT:
 LUPINE
 CONSTRUCTION & DEVELOPMENT
 715 ARROW GRAND CIRCLE
 COVINA, CA 91722

REVISIONS

CITY OF DUARTE
 BUILDING AND SAFETY DIVISION
 APPROVED
 This set of drawings is intended to make all changes or corrections on these drawings. The original drawings shall not be used as an official set of drawings. The original drawings shall be kept in the possession of the person of any City of Duarte.

PROJECT DATA
 DATE 04-01-2026
 ARCHITECT EM
 CHECKED BY RG/ML
 DRAWN BY DM
 PROJECT NO. -
 SCALE AS NOTED

SHEET TITLE
 ELECTRICAL
 TITLE 24 COMPLIANCE
 FORMS

SHEET NO.

E4

DUCTWORK SPECIFICATIONS:

1. INSTALLATION OF DUCTWORK SHALL BE COORDINATED WITH OTHER TRADES. DUCTS INSTALLED IN LOCATIONS WHERE THEY ARE SUBJECT TO PHYSICAL DAMAGE SHALL BE PROTECTED BY SUBSTITUTED GUARDS.
2. ALL AIR CONDITIONING DUCTS TO COMPLY WITH CHAPTER 6 OF THE CALIFORNIA MECHANICAL CODE. ALL TRANSDUCER JOINTS TO BE SUBSTANTIALLY WEIGHT WITH TAPE, MASTIC, GASKETING OR OTHER MEANS. ALL LOW PRESSURE DUCTWORK SHALL BE EQUAL TO OR LESS THAN 0.1" W.G./100 FT. ALL DUCTS FOR VENTILATION INCLUDING GARAGE VENTILATION SYSTEM TO COMPLY WITH CHAPTER 5 OF THE CALIFORNIA MECHANICAL CODE.
3. DUCT SUPPORTS AND ANCHORAGE SHALL COMPLY WITH 2025 CMC.
4. MANUAL VOLUME DAMPERS TO BE INSTALLED IN ALL BRANCH TAKE-OFFS. ALL DAMPERS TO HAVE LOCKING QUADRANTS.
5. DUCT SIZES SHOWN ARE NET SIZES REQUIRED. LINED DUCTS SHALL BE INCREASED IN SIZE TO ACCOMMODATE LINING WITHOUT LOSS OF AREA.
6. PROVIDE WASTE OR DUCT TAKE JOINT SEALANT TO SEAL TRANSDUCER JOINTS ON AIR SUPPLY DUCTS INSTALLED IN LOCATIONS WHERE AN LEAKAGE THROUGH THE JOINTS WOULD BE NON-BENEFICIAL TO THE OCCUPIED AREA. TEMPERATURE REQUIREMENTS AND SEAL LONGITUDINAL JOINTS ON LOW-PRESSURE SUPPLY DUCTS WHERE INTERNAL STATIC PRESSURE EXCEED 0.75" OF WATER PRESSURE.

- AIR DEVICES:**
1. ARROWS ON CEILING DIFFUSERS INDICATE THE AIR THROW PATTERN.
 2. COORDINATE WITH ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL DIFFUSERS AND REGISTERS AND LOCATIONS.
 3. AIR DISTRIBUTION DIFFUSERS SHALL BE TITUS OR EQUIVALENT.
 4. AN AIR BALANCE REPORT IS REQUIRED BY THE MECHANICAL INSPECTOR FOR FINAL INSPECTION APPROVAL.

- INSULATION:**
1. MINERAL FIBER INSULATION SHALL BE INSTALLED IN JOINT SPACES WHEREVER A PLUMBING PIPE OR DUCT PENETRATES A FLOOR-CEILING ASSEMBLY OR WHERE SUCH PIPE OR DUCT PASSES THROUGH THE PLANE OF FLOOR-CEILING ASSEMBLY WITHIN A WALL. THE INSULATION SHALL BE INSTALLED TO A POINT 1/2" BEYOND THE PIPE OR DUCT.
 2. COMBUSTION AIR, KITCHEN AND BATHROOM EXHAUST DUCTS WITHIN SOUND SEPARATION ASSEMBLY SHALL BE WRAPPED WITH TYPE "C" INSULATION AS SHOWN IN TABLE 6-9, CALIFORNIA MECHANICAL CODE.

3. CEILING CONCEALED SUPPLY AND RETURN DUCTS TO BE COVERED ALL SIDES WITH 1/2" THICK 3/4" LB./CU. FT. OR WITH 1" THICK 1.5 LB./CU. FT. DENSITY FIBERGLASS INSULATION, OR 1" THICK 3 LB./CU. FT. MINERAL FIBER BOARD, OR MATERIAL WITH A CONDUCTANCE OF 0.30 OR LESS, APPLIED WITH 2" LAPPED JOINTS SECURELY AND NEATLY WRAPPED AND FASTENED TO DUCT; THE INSULATION TO BE COVERED BY CALIFORNIA ENERGY CODE (LOW INFLAMMABLE IS ACCEPTED) WHEN DUCTWORK PENETRATES INSULATED WALLS OR ROOF, THE HOLE MUST BE SEALED WITH AN APPROVED POLY SEAL MATERIAL.

4. INSULATION INSTALLER SHALL POST IN A CONSPICUOUS LOCATION IN THE BUILDING A CERTIFICATE SIGNED BY THE INSTALLER AND BUILDER STATING THAT THE INSULATION CONFORMS WITH THE REQUIREMENTS OF TITLE 24, CHAPTER 2-43 AND THAT THE MATERIAL INSTALLED CONFORMS WITH THE REQUIREMENTS OF TITLE 20, CHAPTER 2, SUB-CHAPTER 4, ARTICLE 3.
6. ALL INSULATION MATERIALS SHALL BE CERTIFIED BY THE MANUFACTURER AS COMPLYING WITH THE CALIFORNIA QUALITY STANDARD FOR INSULATION MATERIAL.

7. NOT USED

- PIPING:**
1. PROVIDE A 1/2" MINIMUM CONDENSATE DRAIN FROM EACH AC UNIT TO AN APPROVED DISPOSAL AREA. CONDENSATE WATER SHALL NOT DRAIN OVER A PUBLIC WAY. THE DRAIN SHALL HAVE A SLOPE OF NOT LESS THAN 1/8" PER FOOT AND SHALL BE OF APPROVED CORROSION-RESISTANT PIPE. THIS WORK IS UNDER PLUMBING SECTION, REFER TO PLUMBING DRAWINGS.
 2. FOR COOLING EQUIPMENT LOCATED IN AN ATTIC OR FURRED SPACE, AN ADDITIONAL WATER-TIGHT PAN OF CORROSION-RESISTANT METAL SHALL BE INSTALLED BENEATH THE COOLING COIL TO CATCH THE OVERFLOW CONDENSATE DUE TO CLOGGED PRIMARY CONDENSATE DRAIN. THE ADDITIONAL PAN SHALL BE PROVIDED WITH A DRAIN PIPE, 3/4" I.D. NOMINAL PIPE SIZE, DISCHARGING AT A POINT WHICH CAN BE READILY OBSERVED. THIS WORK IS UNDER PLUMBING SECTION REFER TO PLUMBING DRAWINGS.

- CODE:**
1. MOUNT WALL MOUNTED THERMOSTATS 4" - 6" ABOVE FINISHED FLOOR.

2. EACH SINGLE SYSTEM WITH ONE OR MORE AIR CONDITIONING UNITS PROVIDING HEATING, OR COOLING, IN EXCESS OF 2000 CFM OR AIR SERVING MORE THAN ONE OCCUPANCY, SHALL HAVE SMOKE DETECTORS (PRODUCT OF COMBUSTION) AND SHALL BE INSTALLED IN THE MAIN RETURN AIR DUCT AHEAD OF ANY OUTSIDE AIR INLET AND ALSO IN THE SUPPLY DUCT DOWNSTREAM OF THE FILTERS. ACTIVATION OF THE SMOKE SHALL CAUSE THE UNIT TO SHUT DOWN AND ACTIVATE THE FIRE ALARM SYSTEM (CMC 608). IF THERE ARE A NUMBER OF AIR CONDITIONING UNITS SERVING ONE AREA, OR THERE IS A COMMON RETURN AIR PLenum FOR A NUMBER OF AIR CONDITIONING UNITS, ALL SMOKE DETECTORS MUST BE INTERCONNECTED TO SHUT-OFF ALL EQUIPMENT EVEN WHEN SMOKE IS DETECTED BY ONLY ONE SMOKE DETECTOR. DUCT VELOCITY AND PRESSURE DIFFERENTIAL MAY HAVE TO BE VERIFIED FOR EACH DUCT SMOKE DETECTOR LOCATION IN ACCORDANCE WITH ILL LISTING AND ECT10-381.

3. ALL WORK SHALL COMPLY WITH REQUIREMENTS OF ALL APPLICABLE CODES, LAWS, ORDINANCES AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION. THIS CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, ADDITIONAL PLAN CHECK FEES, INSPECTIONS, ETC. AND FURNISH SIGNED, CERTIFIED AND ACCEPTABLE COPIES TO THE OWNER FOR HIS RECORD.
4. CONTRACTOR SHALL PROVIDE FIRE DAMPERS AT FIRE RATED PENETRATIONS.

5. DUCTS OPENING INTO CORRIDOR SHALL HAVE INSTALLED A COMBINATION FIRE/SMOKE DAMPER CONFORMING TO USC STANDARD SECTION 4308.17 WITH A MINIMUM LEAKAGE CLASSIFICATION OF II, CLASS 4306. THIS DAMPER DETAIL SHOWN IS FOR REFERENCE ONLY. FIRE DAMPERS SHALL BE GRIPPED FIRE MARSHAL APPROVED AND INSTALLED STRICTLY PER MANUFACTURER'S PRINTED INSTRUCTIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.

6. DUCT VELOCITY AND PRESSURE DIFFERENTIAL SHALL BE VERIFIED FOR EACH DUCT SMOKE DETECTOR LOCATION IN ACCORDANCE WITH ILL LISTING AND ECT10-381.
7. ACCESS TO INSPECT, SERVICE, REPAIR AND REPLACEMENT WITHOUT REMOVING PERMANENT CONSTRUCTION TO ALL EQUIPMENT SHALL BE PROVIDED. UNLESS OTHERWISE SPECIFIED, NOT LESS THAN 30 INCHES OF WORKING SPACE AND PLATFORM SHALL BE PROVIDED.

8. TOILET ROOMS WITHOUT WINDOWS OR WINDOW AREA LESS THAN 5% OF TOILET FLOOR AREA SHALL HAVE A MECHANICALLY OPERATED EXHAUST SYSTEM CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 10 MINUTES 16 AIR CHANGE PER HOUR. TOILET EXHAUST DUCTS SHALL BE DIRECTLY CONNECTED TO THE OUTSIDE AND SHALL BE OF SMOOTH, NON-ABSORBENT AND NON-COMBUSTIBLE SURFACE MATERIAL.
9. ALL OSA INTAKES MUST BE 10 FEET MINIMUM AWAY FROM ALL PLUMBING OR APPLIANCE VENTS (OR 3'-0" MINIMUM BELOW APPLIANCE VENTS). OSA INTAKES SHALL BE COVERED WITH SCREEN HAVING 1/4" OPENING. UMC, SEC. 706 (Q), OSA QUANTITY FOR EACH AREA SHALL BE PER UMC, SEC. 605.

10. ENVIRONMENTAL EXHAUST, SUCH AS BATHROOM DRYER VENT, ETC. SHALL TERMINATE AT LEAST 3 FEET FROM PROPERTY LINE, ANY OPERABLE WINDOW AND 10 FEET AWAY FROM ANY FRESH AIR INTAKE. PRODUCT CONTAINING EXHAUST, SUCH AS GARAGE VENTILATION, COMMERCIAL KITCHEN HOOD, ETC. SHALL TERMINATE AT LEAST 10 FEET FROM PROPERTY LINE, OPENINGS INTO THE BUILDING, FRESH AIR INTAKE OPENING, ABOVE ADJOINING GARAGE, AND 3 FEET FROM EXTERIOR WALL OR ROOF.
11. ALL PENETRATIONS IN FIRE WALLS AND FLOOR-AND ROOF-CEILING ASSEMBLIES REQUIRING PROTECTED OPENING SHALL BE FIRE-STOPPED PROVIDE FIRE STOPPING SPECIFICATIONS INCLUDING MANUFACTURER AND REPORT OF APPROVED TESTING AGENCY.
12. ALL PENETRATIONS OR OPENINGS IN CONSTRUCTION ASSEMBLIES FOR PIPING, HEATING, VENTILATING OR EXHAUST DUCTS SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE REQUIRED RATINGS.
13. ALL REED DUCTS, PIPES, AND APPLIANCE VENTS LOCATED IN SOUND ASSEMBLIES SHALL BE SEALED FROM THE BUILDING CONSTRUCTION BY MEANS OF RESISTANT SLICES, MOUNTS, OR MINIMUM 1/4" THICK APPROVED RESILIENT MATERIAL (EXCEPTION: GAS PIPING NEED NOT BE LINED).
14. CLOTHES DRYER EXHAUST DUCTS MUST BE OF METAL.
15. ALL GAS FIRED HEATING EQUIPMENT SHALL BE TOP (PILOT-LESS) TYPE.
16. PROVIDE A 6" CLEARANCE ON FRONT, SIDES AND BACK OF THE FURNACE.
17. SEAL THE CEILING MOUNTED EXHAUST FAN HOUSING TO THE CEILING MEMBRANE. USE ULL APPROVED FIRE STOPPING SEALANT.

ENERGY:

1. BACK-DRAFT DAMPERS FOR ALL EXHAUST AND FAN SYSTEMS SHALL BE PROVIDED.
2. ALL WATER HEATING AND AIR CONDITIONING EQUIPMENT, SHOWER HEADS AND FAUCETS SHALL BE C.E.C. CERTIFIED.
3. AUTOMATIC TEMPERATURE CONTROL DEVICE FOR REGULATION OF SPACE TEMPERATURE SHALL BE EQUIPPED WITH NIGHT SET BACK AND HAVE THE ABILITY TO OPERATE THE HEATING AND THE COOLING IN SEQUENCE. CONTROL SHALL BE ADJUSTABLE TO PROVIDE A RANGE OF UP TO 10 DEGREES F BETWEEN FULL HEATING AND FULL COOLING AND HAVE A CAPABILITY OF TERMINATING ALL HEATING AT A TEMPERATURE NO MORE THAN 10 DEGREES F AND COOLING AT A TEMPERATURE NO LESS THAN 78 DEGREES F.
4. AT LEAST ONE AUTOMATIC SPACE TEMPERATURE CONTROL DEVICE (THERMOSTAT) SHALL BE PROVIDED FOR EACH ZONE AND/OR EACH SEPARATE HVAC SYSTEM. (NOT MORE THAN ONE FLOOR OF BUILDING SHALL BE INCLUDED).

5. ALL AIR CONDITIONING UNITS TO BE FURNISHED WITH MAINTENANCE MANUALS, SCHEDULES AND TAGS.
6. ALL AIR CONDITIONING UNITS TO BE EQUIPPED WITH A READILY ACCESSIBLE MANUALLY ADJUSTABLE AUTOMATIC MEANS OF REDUCING THE ENERGY USED FOR HVAC DURING PERIOD OF NON USE OR ALTERNATE USE OF THE BUILDING SPACE OR ZONES SERVED BY THE SYSTEM, SUCH AS A CLOCK OR TIME SWITCH.

7. EACH MECHANICAL OR GRAVITY VENTILATING UNIT, EXCEPT ATTIC VENTILATORS SHALL BE EQUIPPED WITH AN AUTOMATIC TYPE NORMALLY CLOSED OUTSIDE AIR DAMPER TO SERVE AS A MEANS OF PREVENTING AIR VOLUME REDUCTION AND/OR SHUT-OFF WHEN VENTILATION IS NOT REQUIRED. (DOES NOT APPLY TO COMBUSTION AIR OPENINGS).

QUALITY CONTROL:

1. PROVIDE AS BUILT DRAWINGS AND SUBMIT COPIES TO THE OWNER.
2. CONTRACTOR SHOULD SUBMIT SHOP DRAWINGS, EQUIPMENT HANGERS, ANCHOR BOLTS AND METHODS OF INSULATION THAT WILL GET CITY APPROVAL AND MAY BE SUPPLIED BY HILT OR EQUAL.
3. IT IS THE SPECIFIC INTENT OF THIS DESIGN CONDITIONS THAT THE ENTIRE SYSTEM INCLUDING EQUIPMENT, DUCTWORK, AIR OUTLETS/INLETS AND ALL OTHER PARTS BE NOISELESS AND FREE OF VIBRATION TRANSMISSION. PROVIDE AND INSTALL VIBRATION ISOLATORS OR DAMPERS, SOUND INSULATION PADS, FLEXIBLE CONNECTORS AND SIMILAR MATERIAL AS REQUIRED. INSTALL VOLUME DAMPERS ON ALL DUCTS AS FAR AS POSSIBLE FROM AN INLET/OUTLET. MAKE THE NECESSARY NOISE OR VIBRATION CORRECTIONS BY INSTALLING THESE ITEMS AT NO COST TO THE OWNER.

4. THE DRAWINGS ARE IN PART DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE OF THE WORK. THEY INDICATE THE GENERAL ARRANGEMENT AND APPROXIMATE SIZES OF EQUIPMENT, DUCTWORK, PIPING, OUTLETS, ETC. FOLLOW THE DRAWINGS AS CLOSELY AS PRACTICAL IN LAYING OUT THE WORK. BE GUIDED BY THE CONDITIONS AT THE JOB AND CONSULT THE CONSTRUCTION DRAWINGS OF THE OTHER TRADES TO BECOME FAMILIAR WITH ALL CONDITIONS AFFECTING THE WORK.

5. UPON COMPLETION OF AND AFTER CLEANING OF SYSTEM AND EQUIPMENT, CAREFULLY ADJUST FOR NORMAL OPERATION OF THE AUTOMATIC PARTS OF HEATING, VENTILATING AND AIR CONDITIONING SYSTEMS.
6. EQUIPMENT AND DUCTWORK EXPOSED TO WEATHER MUST BE WEATHERPROOFED.

7. WHEN MORE THAN ONE PIECE OF EQUIPMENT ARE INSTALLED ON ROOF OR A COMMON AREA, LABEL EACH PIECE EQUIPMENT TO IDENTIFY THE AREA IT SERVES.
8. CONTRACTOR SHALL BALANCE AIR SYSTEM TO THE CFM CAPACITY AS SHOWN ON FLOOR PLANS.

9. APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE.
10. FURNISHING AND INSTALLATION OF ALL LOW VOLT. WIRING FOR MECHANICAL SYSTEMS SHALL BE BY THE MECHANICAL CONTRACTOR.

11. ALL NECESSARY EQUIPMENT CURBS, RUNNERS, PLATFORMS, ROOFING, PATCHING, CUTTING, BATING, SHAFTS, FURRING, FLASHING AND FINISHING SHALL BE BY THE GENERAL CONTRACTOR.
12. ALL NECESSARY DRAINS, GAS, CONDENSATE DRAINS WITH TRAPS, MAKE-UP WATER, INCLUDING FINAL CONNECTIONS SHALL BE BY THE PLUMBING CONTRACTOR.

GENERAL NOTES:

1. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO PROVIDE A NEW HVAC SYSTEM COMPRISING OF ELECTRIC HEATING AND COOLING UNITS W/ VERTICAL DISCHARGE DUCTS AND AIR DISTRIBUTION AS INDICATED ON DRAWINGS & SPECIFICATIONS.
2. ALL WORK SHALL CONFORM TO THE CURRENT EDITION OF CMC-2025. THE REQUIREMENTS SET FORTH IN THIS PROJECT SPECIFICATIONS, AND ALL NOTES AND DRAWINGS, WHICHEVER IMPOSES THE MOST STRINGENT REQUIREMENTS.
3. CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY ALL DIMENSIONS BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF STRUCTURAL CONDITIONS AND COORDINATION OF ALL WORK TO ENSURE COMPLETE COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS. REPORT ANY DISCREPANCIES OR POTENTIAL PROBLEMS TO THE OWNER'S REPRESENTATIVE IN WRITING PRIOR TO PROCEEDING WITH WORK. FAILURE TO DO SO SHALL CONSTITUTE ACCEPTANCE OF EXISTING CONDITIONS. IN THE EVENT THAT THERE ARE FOUND DISCREPANCIES OR AMBIGUITIES IN OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR SHOULD THERE BE DOUBT AS TO THEIR MEANING AND INTENT THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED TO PROVIDE A WRITTEN CLARIFICATION. ANY WORK REQUIRED TO CORRECT THE DISCREPANCY SHALL BE ACCOMPLISHED TO THE SATISFACTION OR OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.

GENERAL NOTES (CONT.):

4. SPECIFICATIONS ARE PART OF THESE DOCUMENTS. ALL ADDENDA, BULLETINS AND NOTICES ISSUED LATER SHALL BE CONSIDERED TO BE PART OF THE WORK.
5. ALL WORK UNDER THE CONTRACT IS TO BE PERFORMED TO PROVIDE A COMPLETE AND FINISHED PRODUCT, AND SHALL BE WARRANTED FOR ONE YEAR FROM DATE OF THE FINAL ACCEPTANCE AGAINST ANY DEFECTS OR DEFICIENCIES.
6. ALL INDICATED DIMENSIONS ARE APPROXIMATE AND ARE GIVEN FOR ESTIMATE PURPOSES ONLY. BEFORE PROCEEDING WITH THE WORK THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL DIMENSIONS, SIZES, REQUIRED CLEARANCES AND SHALL TAKE FULL RESPONSIBILITY FOR THE FITTING OF ALL EQUIPMENT AND MATERIALS HEREIN REQUIRED THE OTHER PARTS OF THE WORK AND TO THE WORK OF OTHER TRADES. THIS CONTRACTOR SHALL VERIFY EXACT LOCATIONS IN FIELD.

7. THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC TO THE EXTENT THAT ALL OFFSETS, BONDS, SPECIAL FITTINGS AND LOCATIONS ARE NOT EXACTLY LOCATED, OR MAY NOT BE INDICATED AT ALL.
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUPERVISE ALL CUTTING AND PATCHING OF ROOF PENETRATIONS. THE CONTRACTOR SHALL NOT USE OR PERMIT OTHERS TO USE IMPACT TOOLS ON THE PRODUCT.

9. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE EXECUTION OF WORK. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY BARRIERS, CONEWAYS, FIRE PROTECTION AND OTHER EQUIPMENT TO PROTECT THE SAFETY OF ALL PERSONS AND THE PROPERTY THROUGHOUT THE ENTIRE PERIOD OF CONSTRUCTION.

10. THE CONTRACTOR SHALL MAINTAIN THE SITE IN GOOD, CLEAN CONDITION AND SHALL BE RESPONSIBLE FOR CONTINUOUS CLEANUP OF ALL DEBRIS.
11. PENETRATIONS TO FIRE-RATED ASSEMBLIES SHALL BE PROTECTED BY ALL ULL APPROVED, THROUGH-PARTITION FIRE-BAY STOP SYSTEM. FIRE DAMPERS SHALL CONFORM TO TITLE 24 U.L. 555.

12. ALL WORK LISTED, SHOWN, OR IMPLIED ON ANY CONTRACT DOCUMENT SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR EXCEPT WHERE OTHERWISE NOTED. THE CONTRACTOR SHALL CLOSELY COORDINATE HIS WORK WITH THAT OF OTHER SUBCONTRACTORS OR VENDORS TO ASSURE THAT ALL SCHEDULES ARE MET AND ALL WORK IS DONE IN CONFORMANCE TO THE MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS.

13. THE CONTRACTOR SHALL NOT PERMIT ANY PART OF THE STRUCTURE TO BE LOADED WITH WEIGHTS OR EQUIPMENT THAT WILL ENDANGER ITS SAFETY OR INTEGRITY.
14. THE CONTRACTOR SHALL RETAIN A CURRENT AND COMPLETE SET OF THE CONTRACT DOCUMENTS AT THE JOB SITE DURING ALL PHASES OF THE WORK. ALL REVISIONS SHALL BE RECORDED BY THE CONTRACTOR TO ESTABLISH A RECORD SET OF DOCUMENTS FOR THE PROJECT.

15. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND FREE FROM DEFECTS AND SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL MANUFACTURER'S CONTAINERS. MATERIALS AND EQUIPMENT SHALL BE STORED OFF THE GROUND AND PROTECTED FROM DAMAGE.
16. THE COMPLETE DESIGN IS BASED ON THE INFORMATION PROVIDED TO THIS ENGINEER FOR THE EQUIPMENT LISTED IN THE EQUIPMENT SCHEDULE. DEVIATIONS FROM THIS SCHEDULE WILL INVALENTE ASSUMPTIONS MADE FOR THIS DESIGN AND SHOULD NOT BE MADE WITHOUT PRIOR REVIEW MADE BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL VERIFY THE PRECISE LOCATION OF ALL EQUIPMENT WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION OF THAT EQUIPMENT OR THE SERVICES THAT SUPPORT IT.

17. ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA MECHANICAL CODE, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING CALIFORNIA ENERGY CONSERVATION STANDARDS DIVISION T-24.
18. EXACT LOCATIONS OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES ARE DETAIL ON THE ARCHITECTURAL REFLECTIVE CEILING PLAN AND ARCHITECTURAL ROOM ELEVATIONS.

19. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S REQUIREMENTS. CONTRACTOR TO PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
20. ALL AIR CONDITIONING DUCTWORK SHALL BE CONSTRUCTED, ERECTED, AND TESTED IN ACCORDANCE WITH THE MOST RESTRICTIVE OF REGULATIONS - CMC-2025 EDITION, PROCEDURES DETAILED IN THE ASHRAE HANDBOOK OF FUNDAMENTALS, OR THE APPLICABLE STANDARDS ADOPTED BY THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION.

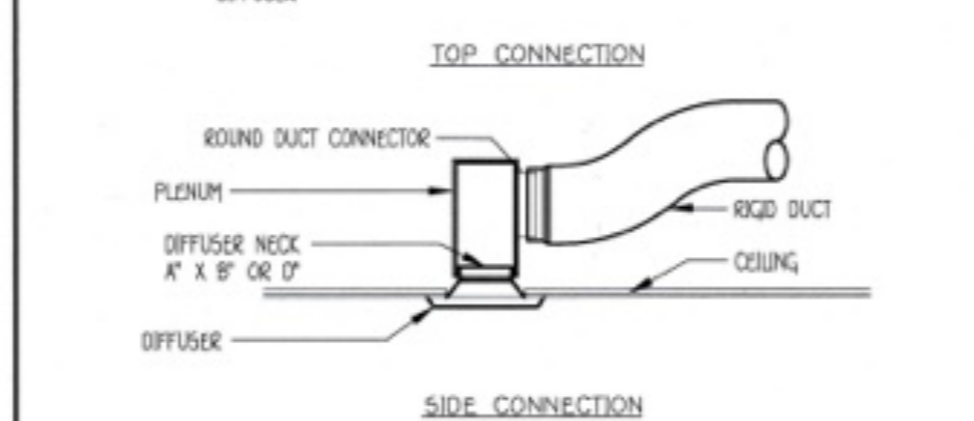
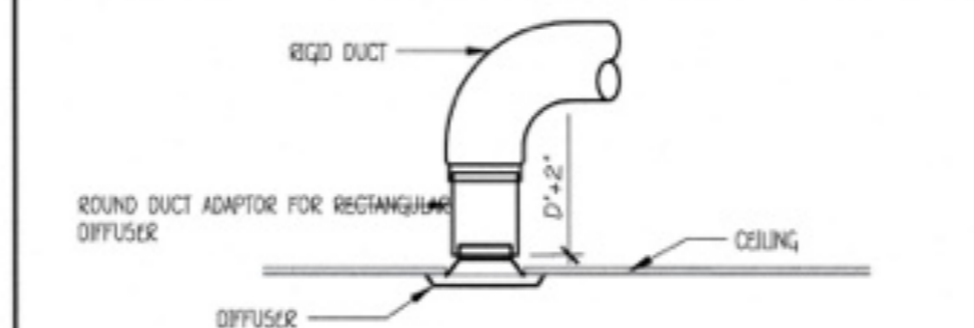
21. DUCTWORK SHALL BE INSULATED PER SPECIFICATIONS OR PER TITLE 24 - CMC. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS ALL DUCT JOINTS AND SEAMS SHALL BE SEALED.
22. MANUAL DAMPERS SHALL BE PROVIDED IN ALL DUCT BRANCHES TO INDIVIDUAL DIFFUSERS, GRILLES AND REGISTERS.
23. THE CONTRACTOR SHALL PROVIDE "AIR BALANCE" THROUGH AN INDEPENDENT AGENCY AND SUBMIT A REPORT TO THE OWNER.

24. CONDENSATE WASTE SHALL TERMINATE TO APPROVED RECEPTOR PER CMC 2025 SECTION 309.1.
25. ALL SUB-CONTRACTORS ARE TO REVIEW THE COMPLETE SET OF PLANS AND COORDINATE WITH ALL OTHER DISCIPLINES. IF ANYTHING IS NOTICED TO BE MISSING OR NOT CORRECT ON THESE PLANS THE CONTRACTOR TO NOTIFY GARDER HUBBARD INC. AT 818-395-0225 IMMEDIATELY BEFORE FINAL BID IS APPROVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO READ AND UNDERSTAND "ALL" PLANS. FIELD REVISION SHALL BE HANDLED SEPARATELY.

26. CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY ALL DIMENSIONS BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF STRUCTURAL CONDITIONS AND COORDINATION OF ALL WORK TO ENSURE COMPLETE COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS. REPORT ANY DISCREPANCIES OR POTENTIAL PROBLEMS TO THE OWNER'S REPRESENTATIVE IN WRITING PRIOR TO PROCEEDING WITH WORK. FAILURE TO DO SO SHALL CONSTITUTE ACCEPTANCE OF EXISTING CONDITIONS. IN THE EVENT THAT THERE ARE FOUND DISCREPANCIES OR AMBIGUITIES IN OR OMISSIONS FROM THE DRAWINGS OR SPECIFICATIONS OR SHOULD THERE BE DOUBT AS TO THEIR MEANING AND INTENT THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED TO PROVIDE A WRITTEN CLARIFICATION. ANY WORK REQUIRED TO CORRECT THE DISCREPANCY SHALL BE ACCOMPLISHED TO THE SATISFACTION OR OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.

ANCHORAGE INFORMATION:

1. CONTRACTOR TO ANCHOR PACKAGE UNIT AS PER MANUFACTURER SPECIFICATIONS.
2. EIGHT AND FOURTEEN-INCH HIGH ROOF CURBS PROVIDE A WATER-TIGHT SEAL BETWEEN THE UNIT AND THE FINISHED ROOF. THESE FULL PERIMETER CURBS MEET THE REQUIREMENTS OF THE NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA) AND ARE SHIPPED KNOCKED-DOWN FOR FIELD ASSEMBLY.
3. ROOF CURBS ARE DESIGNED TO FIT INSIDE THE BASE ROLLS OF THE UNIT AND INCLUDE BOTH A WOOD NAILING STRIP AND DUCT HANGER SUPPORTS.



FLEXIBLE DUCTS SHALL BE "CASCO SILENT FLEX" OR EQUAL, CONSISTING OF AN EXTERIOR REINFORCED LAMINATED VAPOR BARRIER, 1 1/2" THICK FIBERGLASS INSULATED (K=25 @ 75° F), ENCAPSULATED SPRING STEEL WIRE HELIX AND IMPERVIOUS, FLEXIBLE DUCTS SHALL CONTAIN FACTORY FABRICATED STEEL CONNECTION COLLARS.

FLEXIBLE DUCTS SHALL BE SUPPORTED EVERY 4 FT. WITH 1 1/2" WIDE 2# GA. STEEL HANGER COLLAR ATTACHED TO THE STRUCTURE WITH AN APPROVED DUCT HANGER. INSTALLATION SHALL MINIMIZE SHARP RADIUS TURNS OR OFFSETS. REFER TO UMC-2001-SECTION 6.507.

ALL DUCT JOINTS AND SEALS SHALL COMPLY WITH ULL81 AND 181A.

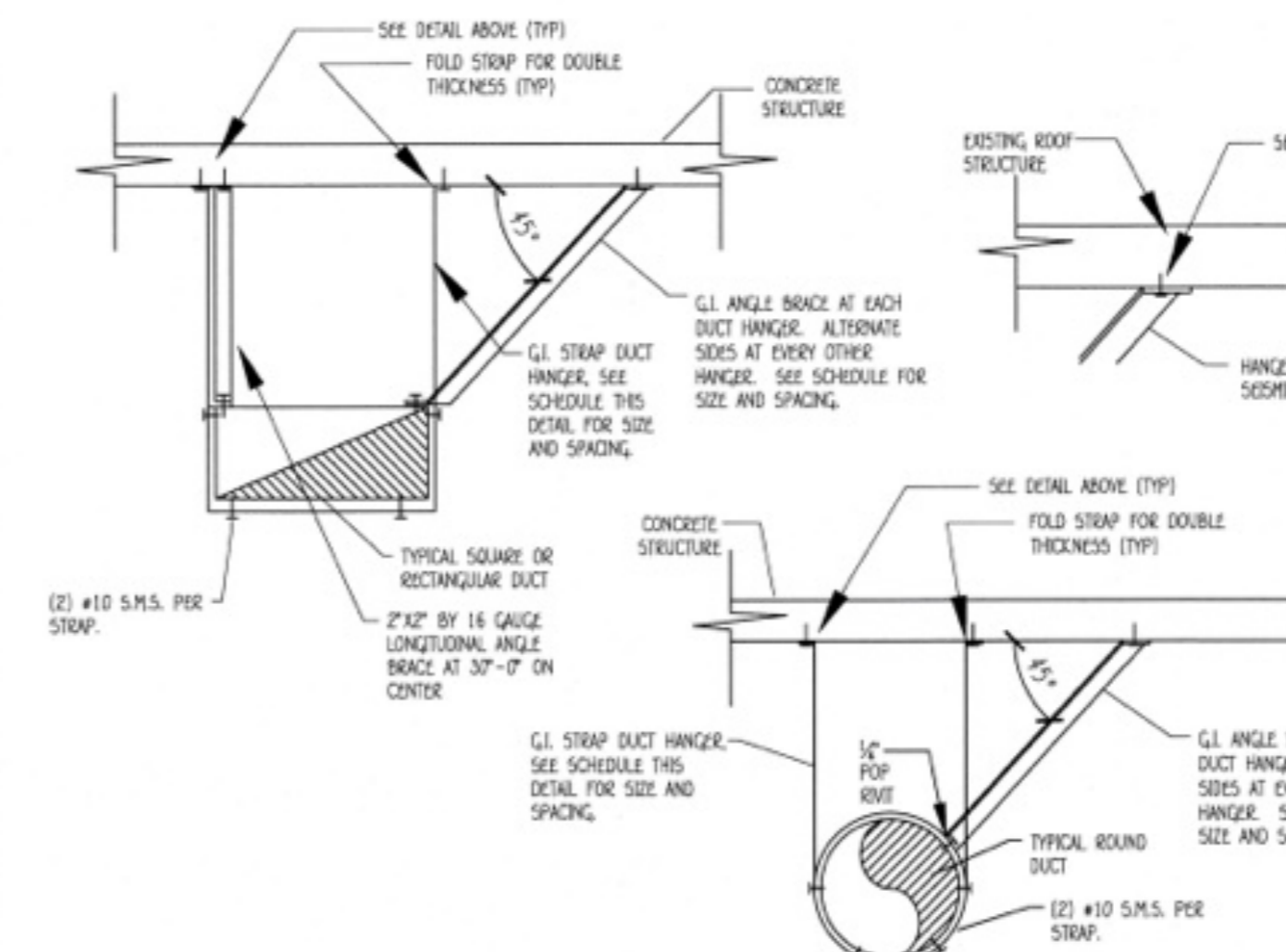
FLEX DUCT DETAIL SCALE NTS

SYMBOL & ABREVIATION	DESCRIPTION
(NEW)	NEW WORK
(MATCH)	MATCH LINE
(EQUIPMENT)	EQUIPMENT DESIGNATION
(T, H, S)	THERMOSTAT, HUMIDISTAT, SWITCH
(OSA, SA, RA, EXH)	OUTSIDE AIR, SUPPLY, RETURN AIR, EXHAUST
(S)	SUPPLY AIR DUCT
(R)	RETURN, EXHAUST, OR OSA DUCT
(D)	DUCT DROP IN DIRECTION OF AIR FLOW
(U)	DUCT RISE IN DIRECTION OF AIR FLOW
(L)	LINED DUCT
(V)	TURNING VANES
(F)	FLEXIBLE DUCT CONNECTION
(BD)	BACKDRAFT DAMPER
(VD)	VOLUME DAMPER
(ED)	ELECTRICAL CONTROL DAMPER
(PD)	PNEUMATIC CONTROL DAMPER
(FD)	FIRE DAMPER
(L)	LOWERED DOOR (E.L.2.5") SEE ARCH. DWGS.
(U)	UNDERCUT DOOR - 3/4" ABOVE FINISHED FLOOR (SEE ARCHITECTURAL DWGS.)
(AD, AP)	ACCESS DOOR, ACCESS PANEL
(W)	WIND-UP TIMER
(2) 12 x 12 CD, CE, CL, 400	(2) 12 x 12 CEILING DIFFUSER, REGISTER, GRILLE, 400CFM, ARROWS INDICATE THROW PATTERN DIRECTION
(2) 12 x 12 TR, TL, BR, BL, 400	(2) 12 x 12 TOP REGISTER, GRILLE, BOTTOM REGISTER, GRILLE, 400CFM
(2) 10' LB, LG, 400	(2) 10' FT. LINEAR DIFFUSER, LINEAR GRILLE, 400 CFM
(LVR)	LOWER - SEE ARCHITECTURAL DWGS.
(E)	ITEM TO BE FURNISHED AND INSTALLED UNDER ELECTRICAL DIVISION
(U.T.R.)	UP THRU ROOF
(SA/RA)	SUPPLY AIR/RETURN AIR

A/C LEGEND SCALE NTS

GENERAL NOTES SCALE NTS NOT USED SCALE NTS

MAX. DUCT ROUND	MAX. DUCT SQ. OR RECT.	HANGER STRAP	SEISMIC BRACE	MAXIMUM SPACING	ATTACH. BOLT DIA. x LENGTH
TO 10" DIA.	UP TO 30"	1" x 1/4 GA.	1 1/2" x 1 1/2" x 16 GA.	8'-0" O.C.	1/4" x 3 1/2" L.
10" TO 24" DIA.	31" TO 42"	1" x 1/4 GA.	2" x 2" x 16 GA.	8'-0" O.C.	1/4" x 3 1/2" L.
-	43" TO 80"	1" x 1/4 GA.	3" x 3" x 16 GA.	8'-0" O.C.	1/4" x 3 1/2" L.



NOTE:

- A. HORIZONTAL ROUND DUCTS SHALL BE BRACED AND GUYED TO PREVENT LATERAL OR HORIZONTAL SWING. CMC SECTION 603.2.5.
- B. DUCTS SHALL BE EQUIPPED WITH TIGHT-FITTING, CIRCULAR BANDS EXTENDING AROUND THE ENTIRE PERIMETER OF THE DUCT AT EACH SPECIFIED SUPPORT INTERVAL. CMC SECTION 603.2.2.
- C. HEATING, VENTILATING, AND AIR CONDITIONING SYSTEM (INCLUDING HYDRONIC SYSTEMS) SHALL BE BALANCED IN ACCORDANCE WITH ONE OF THE FOLLOWING METHODS:
 - C.A. AABC NATIONAL STANDARDS FOR TOTAL SYSTEM BALANCE
 - C.B. ACCA MANUAL B
 - C.C. ASHRAE 111
 - C.D. NEBB PROCEDURAL STANDARD FOR TESTING, BALANCING OF ENVIRONMENTAL SYSTEMS
 - C.E. SHMACNA HVAC SYSTEMS TESTING, ADJUSTING, AND BALANCING CMC SECTION 317.1.
- D. ALL DUCT WORK ABOVE T-BAR AND HARD LID CEILING SHALL BE FLEX DUCTS.

SPIRAL/RECTANGULAR DUCT HANGER DETAIL SCALE NTS

EXISTING UNITS TO REMAIN AS IS (INFO FOR REF. ONLY) INSTALLED UNDER SEPARATE PERMIT

PACKAGED ROOFTOP UNIT SCHEDULE									
SYMBOL	MANUF.	TONNAGE	CFM	ESP (IN)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	HEATING (MBH)		REMARKS
							INPUT (MBH)	OUTPUT (MBH)	
HP-1	CARRIER	5 TON	2000	0.5"	58.0	-	-	58.0	CARRIER 48HD-006
EXISTING SEISMIC CURB, PROGRAMMABLE THERMOSTAT, LOW NO ₂ HEAT EXCHANGER, AND DUCT SMOKE DETECTOR.									
			ELECTRICAL		SEER	OPERATING WEIGHT (LB)		DUCT CONNECTIONS	
FAN HP	FLA	MCA	MOPC	V-PH-HZ	EER			SUPPLY	RETURN
-	-	28.9	45	208-3-60	13	11.2	589	(1) 20x24x1	(4)16x16x2

EF 1 PANASONIC #FV-11VD02-03 SONE TOILET EXHAUST FAN OR #FV-11VD03 (W/LIGHT), 932 RPM, 110 CFM @ 0.1" SP, 120V, 0.175A, WITH INTEGRAL BACK DRAFT DAMPER. EXHAUST DUCT SHALL BE MADE OF METAL.

EF 1 PANASONIC #FV-11VW1-0.3 SONE TOILET EXHAUST FAN, 840RPM, 150CFM @ 0.1" S.P., 120VOLTS, 0.175AMPS, 21WATTS W/ INTEGRAL BACK-DRAFT DAMPER W/ SINGLE PLY HELICALLY CORRUGATED ALUMINUM WALL HOSE CONSTRUCTED W/ FOUR PLY FINISHED SEAM THAT IS FOLDED FLAT AND CRIMPED FOR TIGHTNESS AND STRENGTH.

EXISTING EQUIPMENT SCHEDULE SCALE NTS

METAL DUCTS:
DUCTS SHALL BE SECURELY FASTENED IN PLACE AT EACH CHANGE OF DIRECTION AND AS SET FORTH IN THE ANS/SMACNA 006-2006 HVAC DUCT CONSTRUCTION STANDARDS. METAL AND FLEXIBLE OR ANOTHER APPROVED DUCT CONSTRUCTION STANDARD. VERTICAL RECTANGULAR DUCTS AND VERTICAL ROUND DUCTS SHALL BE SUPPORTED AS SET FORTH IN THE ANS/SMACNA 006-2006 HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE OR ANOTHER APPROVED DUCT CONSTRUCTION STANDARD. RISER DUCTS SHALL BE HELD IN PLACE BY MEANS OF METAL STRAPS OR ANGLES AND CHANNELS TO SECURE THE RISER TO THE STRUCTURE.

METAL DUCTS SHALL BE INSTALLED WITH AT LEAST FOUR (4) INCHES (102mm) SEPARATION FROM EARTH. METAL DUCTS WHEN INSTALLED IN OR UNDER A CONCRETE SLAB SHALL BE ENCASED IN AT LEAST TWO (2) INCHES (51mm) OF CONCRETE.

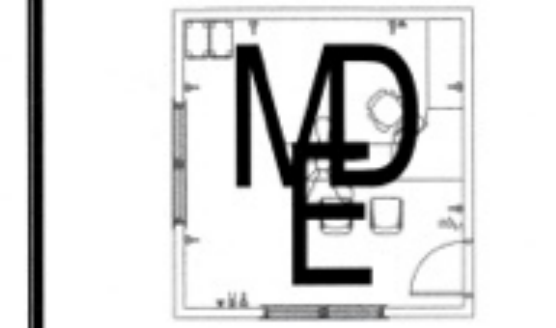
DUCTS SHALL BE INSTALLED IN A BUILDING WITH ADEQUATE CLEARANCE SO AS TO PERMIT RETAINING THE FULL THICKNESS OF REINFORCING ON STRUCTURAL MEMBERS.

SUPPORTS FOR RECTANGULAR DUCTS AS SET FORTH IN ANS/SMACNA 006-2006 HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE OR ANOTHER APPROVED DUCT CONSTRUCTION STANDARD, WHEN SUSPENDED FROM ABOVE, SHALL BE INSTALLED ON TWO OPPOSITE SIDES OF EACH DUCT AND SHALL BE KEMTEC, BOLTED, OR METAL SCREWED TO EACH SIDE OF THE DUCT AT NOT MORE THAN THE INTERVALS SPECIFIED.

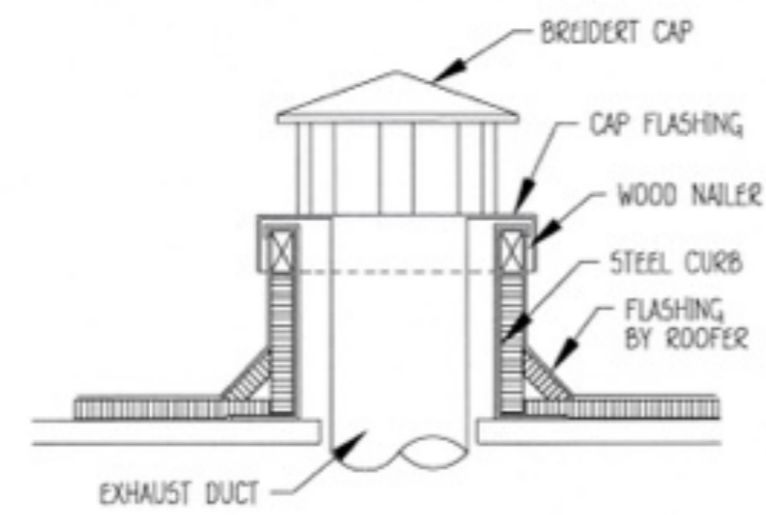
1. DUCTS SHALL BE EQUIPPED WITH TIGHT-FITTING CIRCULAR BANDS EXTENDING AROUND THE ENTIRE PERIPHERY OF THE DUCT AT EACH SPECIFIED SUPPORT INTERVAL.
2. CIRCULAR BANDS SHALL BE NOT LESS THAN ONE (1) INCH (25mm) WIDE NOR LESS THAN EQUIVALENT TO THE GAUGE OF THE DUCT MATERIAL, IT SUPPORTS. (EXCEPTION: DUCTS TEN (10) INCHES (254mm) AND LESS IN DIAMETER MAY BE CONNECTING TO THE SUSPENDING SUPPORT.)
3. EACH CIRCULAR BAND SHALL BE PROVIDED WITH A SUITABLE MEANS OF CONNECTING TO THE SUSPENDING SUPPORT.
4. DUCTS SHALL BE BRACED AND GUYED TO PREVENT LATERAL OR HORIZONTAL SWING.

SPIRAL/RECTANGULAR DUCT HANGER DETAIL SCALE NTS

EXISTING EQUIPMENT SCHEDULE SCALE NTS



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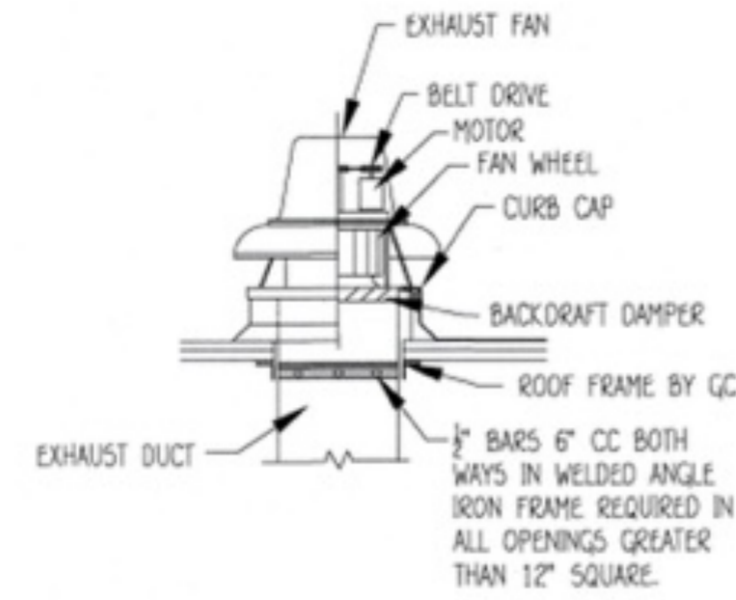


NOT USED

SCALE
NTS

ROOF CAP DETAIL

SCALE
NTS

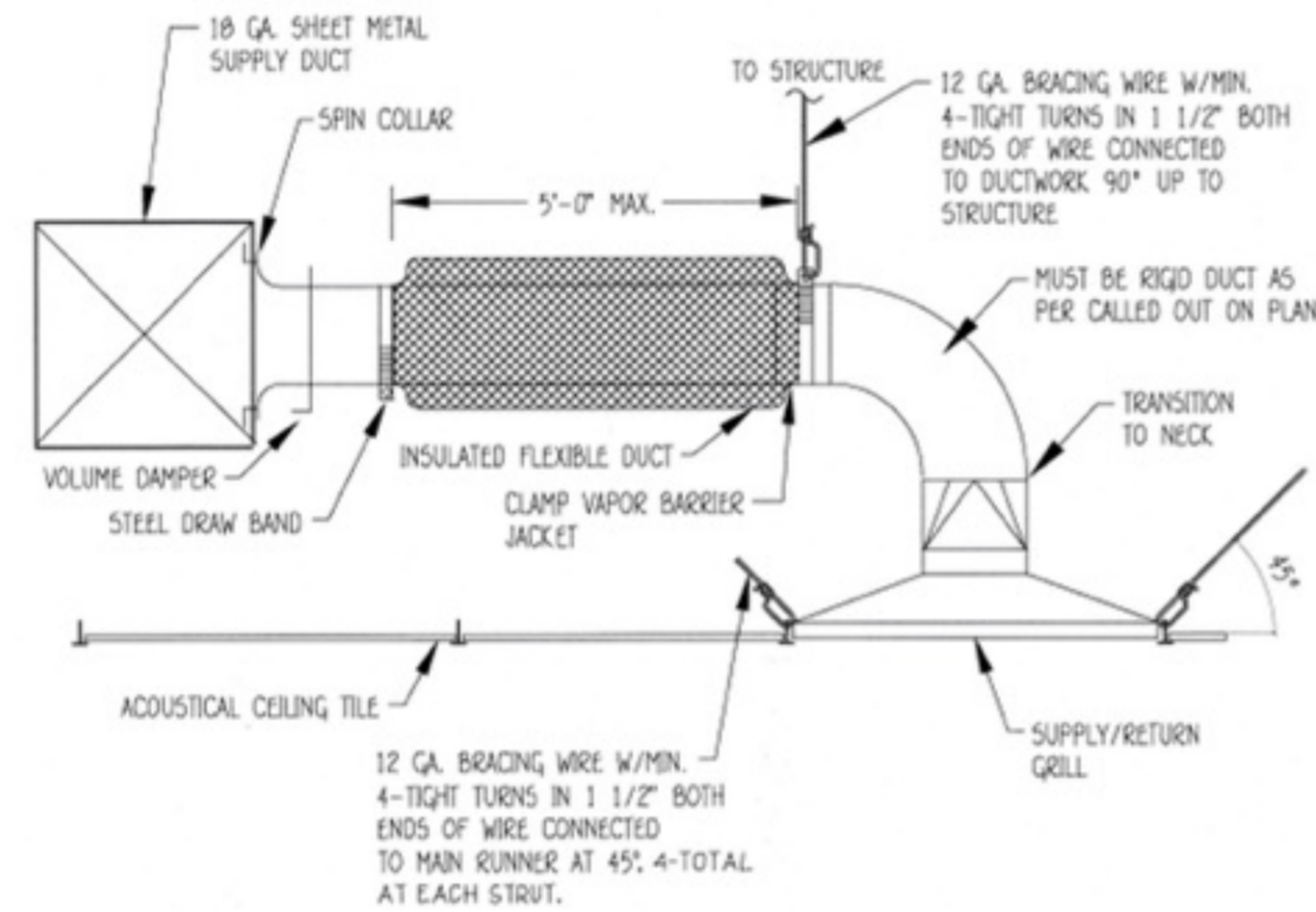


NOT USED

SCALE
NTS

ROOF EXHAUST FAN DETAIL

SCALE
NTS



NOT USED

SCALE
NTS

DIFFUSER DETAIL

SCALE
NTS

CEILING AIR OUTLET AND INLET SCHEDULE

MARK OR SYMBOL	TYPE	RATED CFM	NECK SIZE IN.	CONN. DUCT SIZE UOON	RATED CFM		REMARKS		
					MAX. PD IN. W.	MAX. NC			
NOTE: FRAME TO MATCH THE CEILING 24X24 FOR T-BAR CLG./ADJUST DEFLECT. OF DIFFUSERS AS SHOWN ON DWGS.									
THROW									
CORNER 4 WAY	CO-1	SUPPLY	0-100	6X6	24X24	0.09	25	6\"	TITUS PERFORATED FACE MODEL PMC WITH R.N.R. WHERE REQ.
	CO-2		110-200	8X8	-			8\"	
	CO-3		210-300	10X10	-			9\"	
	CO-4		310-400	12X12	-			10\"	
	CO-5		410-500	15X15	-			12\"	
	CO-6		510-600	18X18	-			14\"	
3 WAY	CR-1	RETURN	0-350	-	24X24	0.01	-	PLENUM	TITUS MODEL PMR TO MATCH SUPPLY DIFFUSER
			350-500			0.01			
			510-650			0.02			
			660-850			0.03			
			860-1000			0.03			
2 WAY			1010-1300			0.05			
	CR-2	RETURN	0-650		12X24	0.05			
	ER-1	EXHAUST	0-75	6X6	12X24	0.04		6\"	MANUFACTURER TITUS, MODEL PMR OR EQUAL DUCTID TO MATCH SUPPLY DIFFUSER WITH ROUND NECK ADAPTOR.
	ER-2		76-140	8X8		0.05		8\"	
	ER-3		141-220	10X10		0.05		10\"	
ROUND DIFFUSER	ER-4		221-320	12X12		0.05		12\"	
	ER-5		321-500	14X14		0.03		14\"	
	ER-6		501-600	16X16		0.03		16\"	
	RD-1	SUPPLY	180	6\"	13.5\"	200	35	12\"	TITUS TMRA WITH DISCHARGE PATTERN CONTROLLER
RD-2		300	8\"	18\"	350	35	12\"		
RD-3		500	10\"	22.5\"	550	35	12\"		
RD-4		650	12\"	27\"	700	35	12\"		

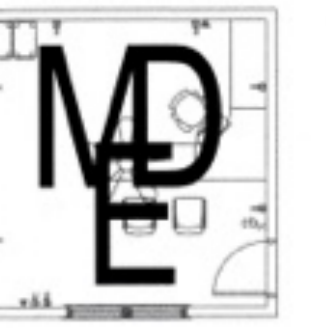
NOTE:
① FOR RETURN AIR GRILLE SERVICING VERTICAL WATER SOURCE HEAT PUMP PROVIDE TITUS MODEL 350 ZR 3/4\"/>

LOW PRESSURE DUCTWORK SCHEDULE

5FM RANGE	ROUND DUCT	EQUIVALENT RECTANGULAR DUCT
0-100	6\"	6X6
100-200	8\"	8X8
200-300	9\"	10X8
300-400	10\"	10X10
400-600	12\"	12X10
600-900	14\"	14X12
900-1300	16\"	16X14
1300-1800	18\"	18X16
1800-2400	20\"	20X16
2400 & UP	SEE NOTES FOR MORE DETAIL INFORMATION	

NOTES:

- ALL LOW PRESSURE DUCTWORK SHALL BE SIZED TO NOT EXCEED 0.08 FRICTION DROP PER 100 FT OF DUCT AND/OR 1000 FT PER MIN VELOCITY.
- ASPECT RATIO OF RECTANGULAR DUCTWORK SHALL NOT EXCEED A 3:1 RATIO, UNLESS OTHERWISE SHOWN.
- ALL DUCT JOINT AND CONNECTION SHALL COMPLY WITH SMACNA LATEST EDITION.
- DUCT CONSTRUCTION GAUGE SHALL COMPLY WITH UMC CHAPTER 10 REQUIREMENTS.
- ALL SIZES ARE INSIDE TO INSIDE DIMENSIONS.



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DATE SIGNED 04/01/26

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A PROJECT FOR:

Options For Youth
Public Charter Schools

1210 E Huntington Dr.
Unit B
Duarte, CA 91010

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

CITY OF DUARTE
ENGINEERING AND SAFETY DIVISION
APPROVED
This set of drawings shall be used in accordance with the specifications and conditions set forth herein. It is understood that any changes or alterations to these drawings shall require the written permission of the City of Duarte. The City of Duarte shall not be held liable for any errors or omissions in these drawings or for any consequences arising therefrom. Date: 04/01/26 Signature: [Signature]

PROJECT DATA

DATE 04-01-2026
ARCHITECT EM
CHECKED BY RG/ML
DRAWN BY DM
PROJECT NO. -
SCALE AS NOTED

SHEET TITLE

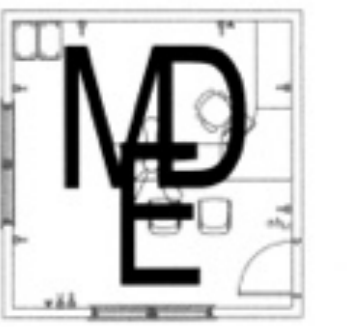
MECHANICAL SCHEDULES & DETAILS

SHEET NO.

M3

DIFFUSER SCHEDULE

SCALE
NTS



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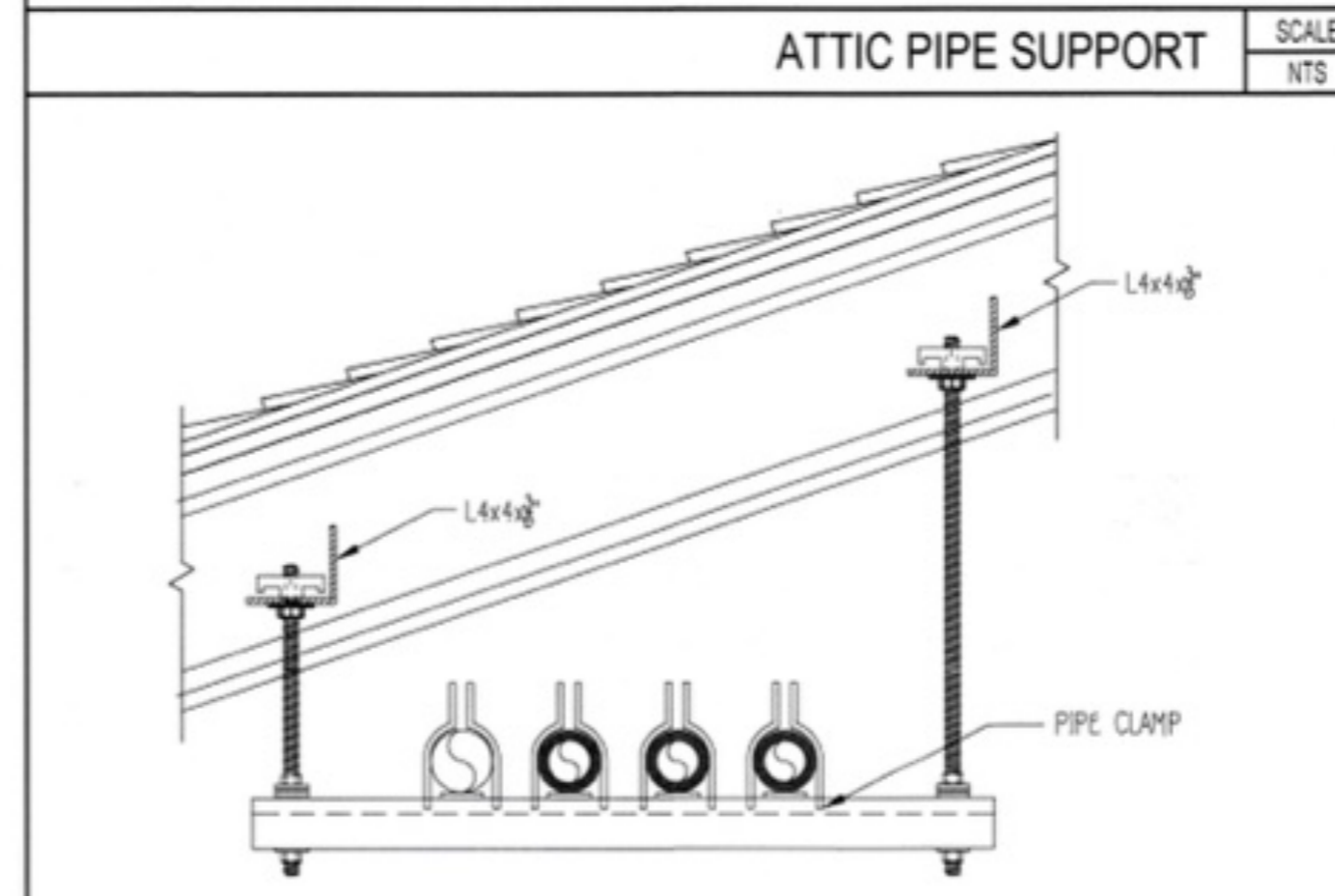
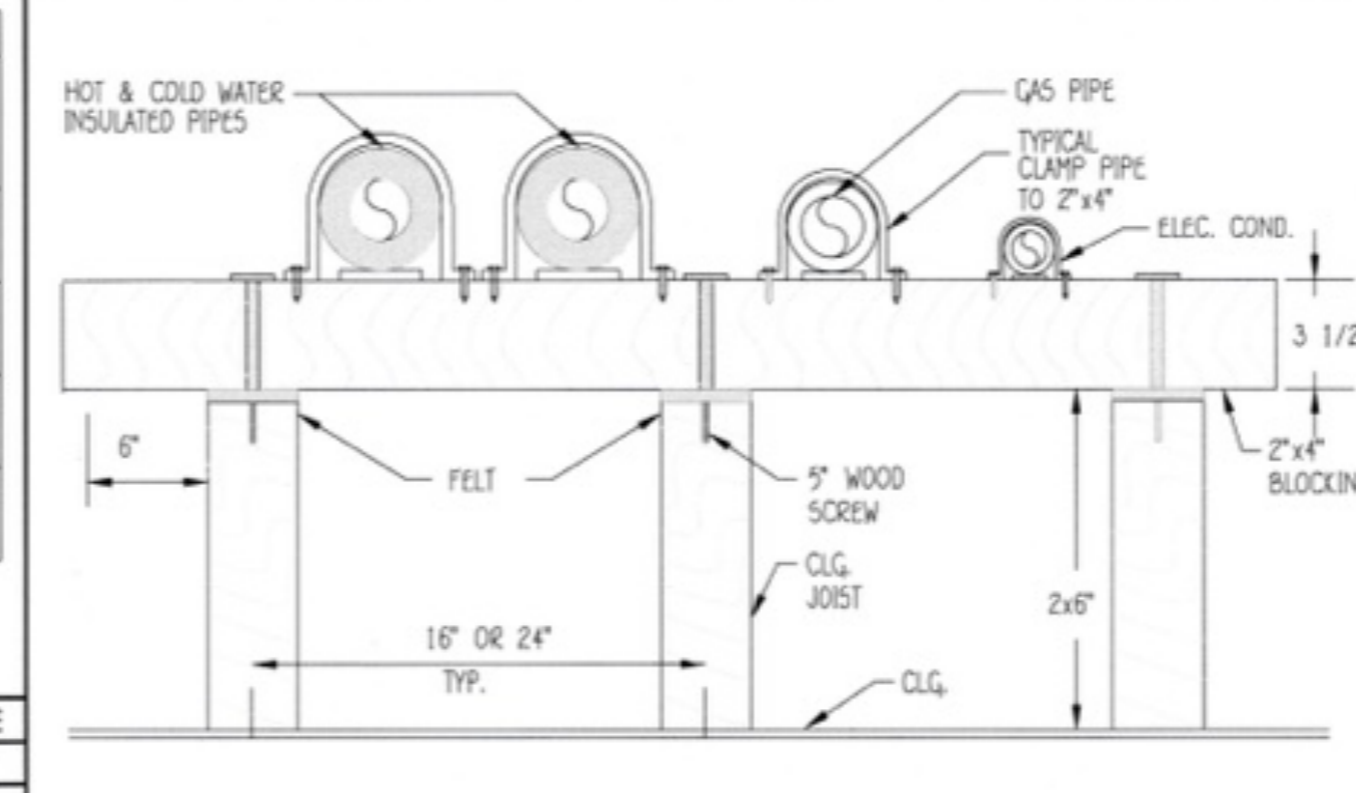
SHEET TITLE
PLUMBING GENERAL NOTES, SYMBOLS & DETAILS

SHEET NO.

P1

- PLUMBING NOTES:**
- ALL WORK SHALL CONFORM TO THE 2025 CALIFORNIA PLUMBING CODE.
 - DRAWINGS AND SPECIFICATIONS GOVERN OVER THE EXISTING CONDITIONS.
 - CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES AND POINTS OF CONNECTION BEFORE START OF WORK. MAKE A SURVEY OF ALL EXISTING CONDITIONS THAT MAY AFFECT THE WORK UNDER THIS SECTION.
 - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES AND FLOOR DRAINS.
 - ALL CLEANOUTS SHALL BE OF CAST IRON AND SHALL BE ACCESSIBLE.
 - DO NOT SCALE FLOOR PLAN DRAWING FOR EXACT HORIZONTAL LOCATION OF PIPE RUNS.
 - ALL PLUMBING FIXTURES AND EQUIPMENT SHALL HAVE ISOLATING VALVES ON WATER SUPPLY LINES.
 - VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.
 - VERIFY JACUZZI/BATH TUB TRIM LOCATIONS IN FIELD. SEE ARCHITECTURAL DRAWINGS.
 - ALL PIPING IN FINISHED AREAS SHALL BE RUN CONCEALED.
 - ALL PIPING PENETRATING WALL, CEILING AND FLOORS SHALL BE ISOLATED FROM BUILDING STRUCTURES WITH RESILIENT SEALS. CLEARANCE FOR CAULKING AROUND PIPES ARE TO PREVENT NOISE AND VIBRATIONAL. SEE NOTE NO. 38 BELOW.
 - COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
 - NOT USED.
 - CONTRACTOR SHALL FURNISH AND INSTALL, AT NO EXTRA COST TO THE OWNER, TRAP PRIMERS WHERE REQUIRED BY CODE. WHERE A COLD WATER SERVICE LINE TO A FREQUENTLY USED FIXTURE IS AVAILABLE, THE PRIMER SHALL BE "PRECISION PRODUCTS" WITH INTEGRAL VACUUM BREAKER. PROVIDE ADAPTER FITTINGS WITH PRIMER TAPS AS REQUIRED INCLUDING ACCESS PANEL. ALL WATER SUPPLY TRAP SEAL PRIMER VALVES SHALL COMPLY WITH ASSE 1018. DRAINAGE AND ELECTRONIC DESIGN TYPE TRAP SEAL PRIMER DEVICES SHALL COMPLY WITH ASSE 1044.1008.2.
 - REFER TO PIPE MATERIAL SCHEDULE ON THIS SHEET FOR PIPING MATERIALS.
 - IF WATER PRESSURE IN STREET IS 60PSI OR MORE, INSTALL PRESSURE REGULATOR.
 - ALL PIPE PENETRATING (1) HOUR WALLS SHALL BE FIRE SAFE BY CAULKING AROUND OPENING WITH "3M" FOLLOWING MANUFACTURER'S INSTRUCTIONS.
 - ALL CLEAN-OUTS SHALL BE INSTALLED PER 2023 CPC.
 - NOT USED.
 - CONTRACTOR IS TO TAKE CARE TO PRESERVE ALL EXISTING UTILITIES IN THE SCOPE OF WORK FOR THIS PROJECT. CONTRACTOR IS TO REPAIR OR REPLACE ALL UTILITIES DAMAGED DURING CONSTRUCTION.
 - NO SANITARY VENT SHALL TERMINATE CLOSER THAN 10" FROM ANY FRESH AIR INTAKES OR ANY OPERABLE WINDOW.
 - CONTRACTOR IS TO SUBMIT TO THE OWNER FOR APPROVAL, CATALOG CUTS OF ALL FIXTURES.
 - THE CONTRACTOR IS TO VISIT THE JOB SITE PRIOR TO BIDDING TIME AND VERIFY ALL DIMENSIONS, LOCATIONS, AND CONDITIONS.
 - THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A LABOR AND MATERIAL WARRANTY FOR A PERIOD OF (1) YEAR OR AS PER SPECIFIC AGREEMENT.
 - CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT OR ENGINEER ANY ADDITIONAL LABOR AND/OR MATERIALS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM BEFORE PROCEEDING WITH THE WORK.
 - CONTRACTOR SHALL PERFORM ALL TESTING AND PAY FOR ALL PERMITS.
 - ALL HOT WATER PIPING SHALL BE INSULATED WITH 1" THERMOCELL PIPE INSULATION.
 - PLANS ARE DIAGRAMATIC ONLY. FIELD CONDITIONS SHALL DETERMINE EXACT LOCATION AND ROUTING OF PIPES.
 - ALL HORIZONTAL DRAIN LINES SHALL RUN WITH 2% SLOPE MIN.
 - PROVIDE PRIMARY AND SECONDARY CONDENSATE DRAIN PIPING FROM ALL AIR CONDITIONING UNITS PER PLANS.
 - PLUMBING FIXTURES AND FITTINGS SHALL MEET THE FOLLOWING STANDARDS:
 - WATER CLOSETS - 1.28 GPF
 - URINALS - 0.5 GPF
 - SINGLE SHOWERHEAD - 2.0 GPM AT 80psi
 - MULTI SHOWERHEAD - 2.0 GPM AT 80psi FOR ALL COMBINED SHOWERHEADS.
 - LAVATORY FAUCETS - 1.5 GPM AT 60psi
 - LAVATORY FAUCETS IN PUBLIC USE AREAS - 0.5GPM AT 60psi.
 - METERING FAUCETS - 0.25 GALLONS PER CYCLE
 - KITCHEN FAUCETS - 1.8 GPM AT 60psi
 - ALL UNDERGROUND STORM DRAIN PIPING AND FITTINGS SHALL COMPLY WITH DRAIN, WASTE AND VENT PIPING STANDARD. 2023 CPC SEC. 1102.3.
 - ALL CLEANOUTS SHALL BE PROVIDED IN COMPLIANCE WITH CPC ART. 707.0.
 - ALL COPPER LINES FOR DOMESTIC WATER USE SHALL BE REAMED TO FULL I.D. AND USE APPROVED FLUX AND SOLDER.
 - PROVIDE 2X6 MIN WALLS WHERE PLUMBING IS INSTALLED.
 - NOTCHING AND DRILLING IS TO COMPLY WITH 2025 CPC.
 - COORDINATE WASTE BELOW SLAB ROUTING WITH STRUCTURAL FOUNDATION PLANS.
 - OFFSET WATER HEATER FLUE VENT PER 2023 CPC ART. 516 & 517. USE ACUSTO-PLUMB MANUF. ISOLATIONS MATERIALS FOR PIPE STUD PENETRATIONS. ETC. SEE DRAWING THIS SET FOR DETAILS.
 - ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE FIRE CAULKED WITH CITY APPROVED FIRE CAULKING.
 - ALL REQUIRED CLEANOUTS SHALL BE INSTALLED AS PER CPC SECTION 707.0 & 719.
 - EACH PLUMBING VENT SHALL TERMINATE NOT LESS THAN 10 (10) FEET FROM OR AT LEAST THREE (3) FEET ABOVE ANY WINDOW, DOOR, OPENINGS, AIR INTAKE OR VENT SHAFT.
 - WATER CLOSETS BOWLS FOR PUBLIC USE SHALL BE OF THE ELONGATED TYPE.
 - NEW OR REPAIRED WATER SYSTEMS SHALL BE DISINFECTED PRIOR TO USE ACCORDING TO THE METHOD SET IN SECTION 609.9 OF THE PLUMBING CODE.
 - ACCESSIBLE WATER HAMMER ARRESTERS SHALL BE INSTALLED FOR QUICK-ACTION VALVES. LOCATION AND METHOD OF INSTALLATION SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDATION.
 - FIXTURE FLOW RATES SHALL COMPLY WITH CHAPTER 4 OF THE CALIFORNIA PLUMBING CODE. ALL FIXTURES PIPING & DEVICES SHALL BE LISTED.

- BACKFLOW TESTING PROCEDURES**
- TESTING COMPANIES MUST SUBMIT "SIGNED-OFF" TEST NOTICES TO THE CITY OF COVINA PLUMBING DEPARTMENT LATER THAN 30 WORKING DAYS AFTER THE DATE OF "INITIAL TEST" AND NO LATER THAN 30 WORKING DAYS AFTER THE DATE OF "FINAL TEST" IF THE TEST IS REPAIRED AND THEN PASSED. FAILURE TO DO SO WILL RESULT IN THE REMOVAL OF THE TESTING COMPANY AND/OR TESTER FROM THE LOS ANGELES COUNTY-CROSS-CONNECTION EMPLOYER REGISTRY. SAID TESTING COMPANIES AND/OR TESTERS MAY APPLY FOR REINSTATEMENT THIRTY DAYS AFTER SAID REMOVAL AFTER WRITTEN EXPLANATIONS ARE RECEIVED WHICH DEPICT PLAUSIBLE AND ACCEPTABLE EXTRAORDINARY REASONS FOR NOT MEETING THIS DEADLINE.
 - TEST NOTICES RECEIVED AFTER THE DEADLINE MENTIONED IN ITEM 1 ABOVE WILL BE SUBJECT TO FIELD AUDIT BY THIS DEPARTMENT.
 - THE CROSS-CONNECTION PROGRAM FROM TIME TO TIME WILL REQUEST COPIES OF TESTING/REPAIR INVOICES FROM COMPANIES PICKED AT RANDOM SO AS TO SUBSTANTIATE ACCURACY OF TESTING "SIGN-OFF" DATES. SIGNIFICANT DISCREPANCIES UNCOVERED BY THIS AUDIT WILL RESULT IN PERMANENT REMOVAL OF THE COMPANY AND TESTER FROM THE DATABASE. SINCE THE DEPARTMENT IS INTERESTED ONLY IN TEST DATE INFORMATION, BILLING AMOUNTS ON THESE INVOICES MAY BE MASKED SO AS TO MAINTAIN PRIVACY OF THIS INFORMATION.
 - TESTS PERFORMED RESULTING IN SOME COMPONENT FAILURE SHOULD BE SUBMITTED TO THE PROGRAM AS SOON AS IT HAS BEEN DETERMINED THE REPAIR WORK AND RETEST IS NOT GOING TO BE PERFORMED BY THE ORIGINAL TESTING COMPANY.
 - ON JULY 1 OF EACH YEAR ALL GENERAL TESTING COMPANIES MUST SUBMIT ON COMPANY LETTERHEAD STATIONARY A CURRENT LIST OF CERTIFIED BACKFLOW PREVENTION DEVICE TESTERS THEY EMPLOY. A REVISED LIST MUST BE FAXED TO THE DEPARTMENT AS NEW TESTERS ARE EMPLOYED AND AS TESTERS LEAVE THEIR EMPLOYMENT.
 - ALL STORM WATER LINES SHALL BE FILLED TO THE TOP FOR TESTING.
 - ALL TESTING SHALL BE DONE BY AN APPROVED VENTURA COUNTY TESTING AGENCY.



SIZE	CW	HW	GPM
1/2"	-	-	-
3/8"	4	4	4
1"	10	10	8
1 1/4"	21	21	15
1 1/2"	39	39	24
2"	127	119	50
2 1/2"	315	245	88
3"	585	406	140
3 1/2"	1018	585	210
4"	1668	840	290

NUMBER	TYPE OF FIXTURE	UNITS PER FIXTURE				TOTAL
		CW	W	CW	W	
2	WC	2.5	3	5	6	
2	LV	1	1	2	2	
1	MS	3	3	3	3	
2	DF	0.5	0.5	1	1	
1	WH	5	0	5	0	
TOTAL FIXTURE UNITS		16				12
G.P.M. =						

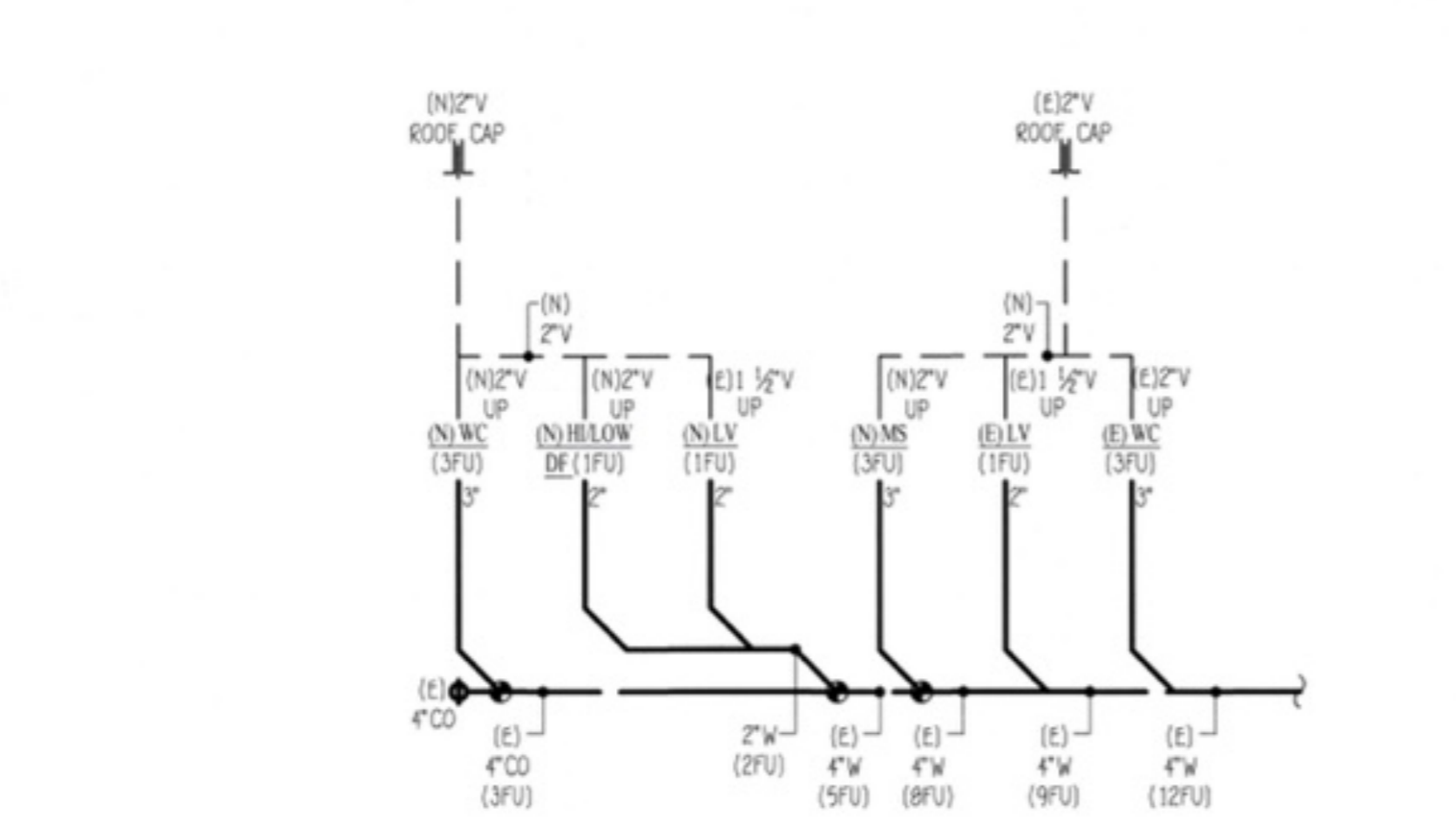
SERVICE	INSIDE	OUTSIDE	COPPER TYPE 3"	COPPER TYPE 1"	MS	BLACK STEEL	STAINLESS STEEL	DUCT IRON	PCV SCH 40	REMARKS
WATER										WRAP COPPER PIPES BELOW GRADE
SANITARY DRAINAGE										SEE NOTE BELOW WHERE APPLICABLE
SANITARY VENT										
CONDENSATE AND INDIRECT DRAINAGE										
GAS										

SYM.	DESCRIPTION	MFR	MODEL	W	TRAP	V	CW	HW	REMARKS/SPECIFICATIONS
WC	WATER CLOSET ACCESSIBLE	AMERICAN STANDARD	MADEBA 3043.102	3"	INT	2"	3/4"	-	FLOOR MOUNTED TANK TYPE ADA ACCESSIBLE ELONGATED BOWL WITH OPEN FRONT SEAT.
LV	LAVATORY	AMERICAN STANDARD		2"	INT	1 1/2"	1/2"	1/2"	WALL MOUNTED ADA ACCESSIBLE LAVATORY LEVER HANDLE FAUCET INSULATE TRAP AND HOT WATER SUPPLY.
LVV	LAV VALVE	AMERICAN STANDARD	R12555 OR R12555	2"	INT	2"	3/4"	3/4"	CAST IRON BODY, WASH-RESISTANT CERAMIC DISC VALVE WITH VOLUME AND TEMPERATURE CONTROL, AND HOT LIMIT SAFETY STOP. 110° CUT-OFF.
MS	MOP SINK	AMERICAN STANDARD	MS807G 2424100	2"	INT	2"	3/4"	3/4"	FLAT 24" FLOOR MOUNT MOLDED STONE MOP BASIN W/ FAUCET, HOSE, & MOP HOLDER.
WH	WATER HEATER	BRADFORD WHITE	LE120L3-3 19CAL	2"	INT	2"	3/4"	3/4"	LOWBOY 19CAL LIGHT DUTY ELECTRICAL WATER HEATER MOUNTED ABOVE MOP BASIN. SEE DETAIL THIS SHEET.

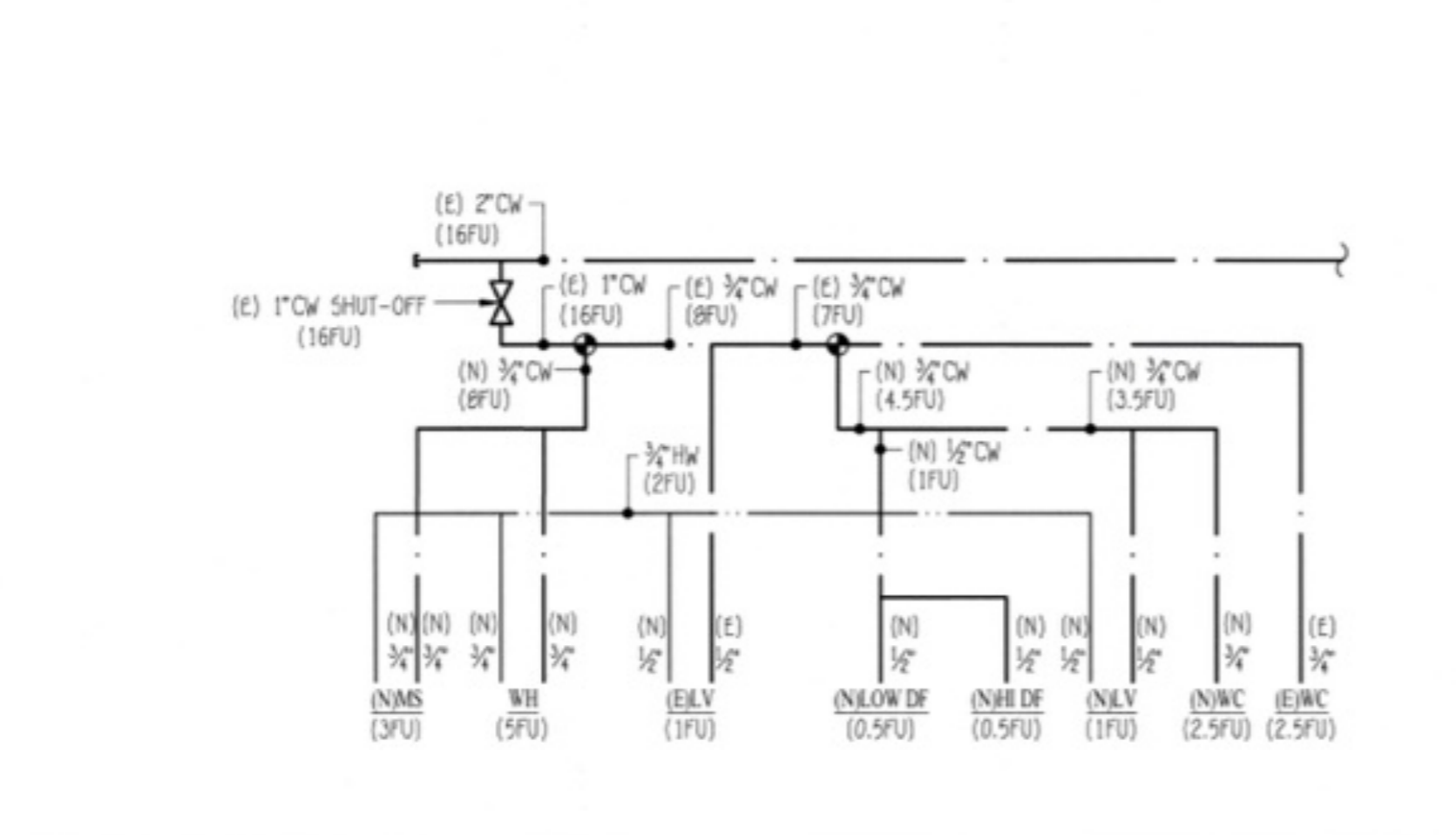
PLUMBING FIXTURE SCHEDULE SCALE NTS

SYMBOLS	ABBR.	DESCRIPTION
---	S OR W	SEWER OR WASTE ABOVE FLOOR OR GRADE
---	S OR W	SEWER OR WASTE BELOW FLOOR OR GRADE
---	V	VENT
---	CW	COLD WATER
---	HW	HOT WATER
---	HW	HOT WATER RETURN
---	CD	CONDENSATE DRAIN
---	D	DRAIN
---	G	GAS (LOW PRESSURE)
---	MFG	GAS (MEDIUM PRESSURE)
---	SD	STORM DRAIN
---	OD	OVERFLOW DRAIN
---	PCW	PURIFIED COLD WATER
---	SOV	SHUT-OFF VALVE
---	GC	GAS COCK
---	BV	BALANCING VALVE
---	CV	CHECK VALVE
---	U	UNION
---	FCD	FLOOR CLEANOUT
---	WCO	WALL CLEANOUT
---	CO	CLEANOUT
---	YCO	YARD CLEANOUT
---	POC	POINT OF CONNECTION
---	VTR	VENT THRU ROOF

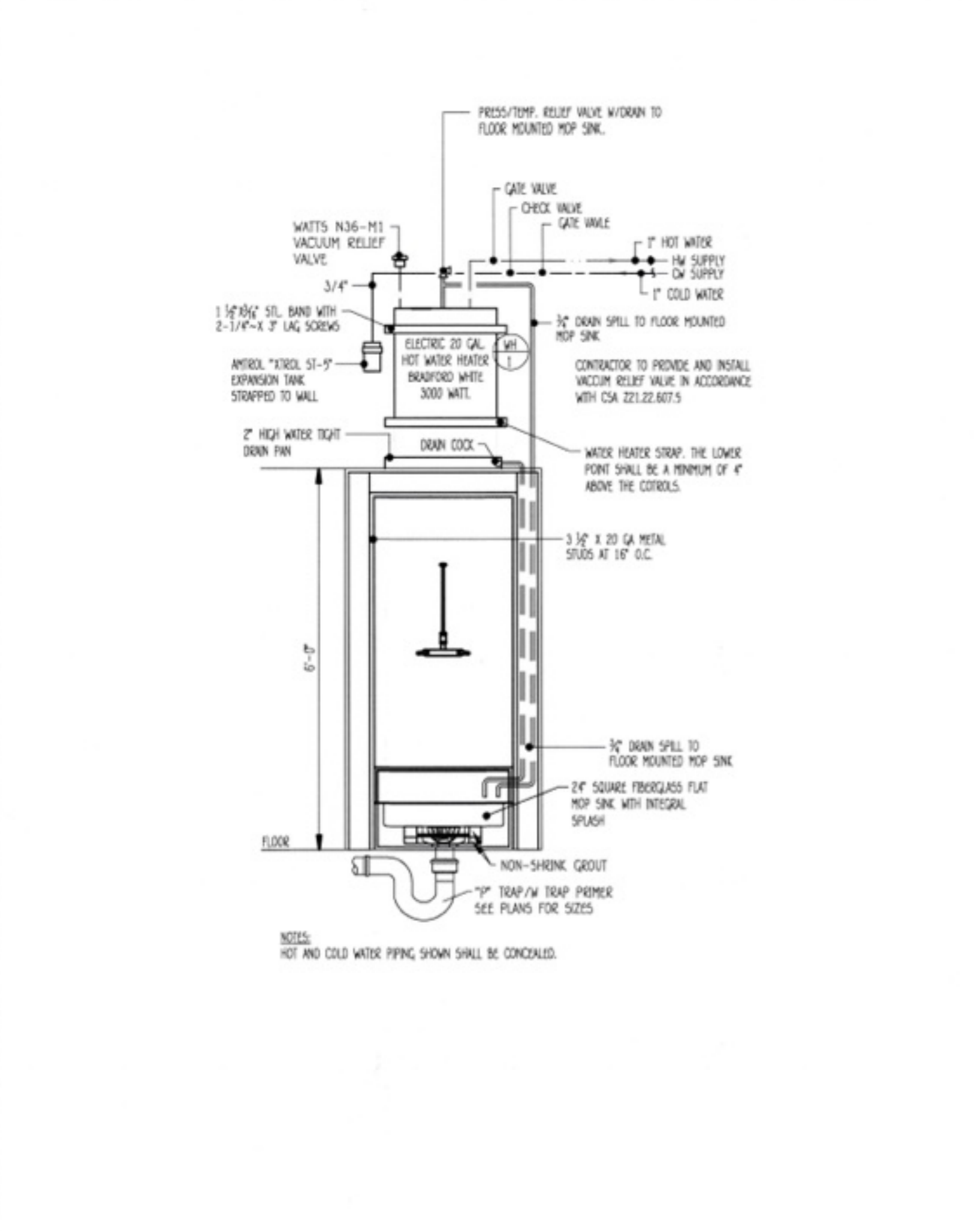
LEGEND SCALE NTS



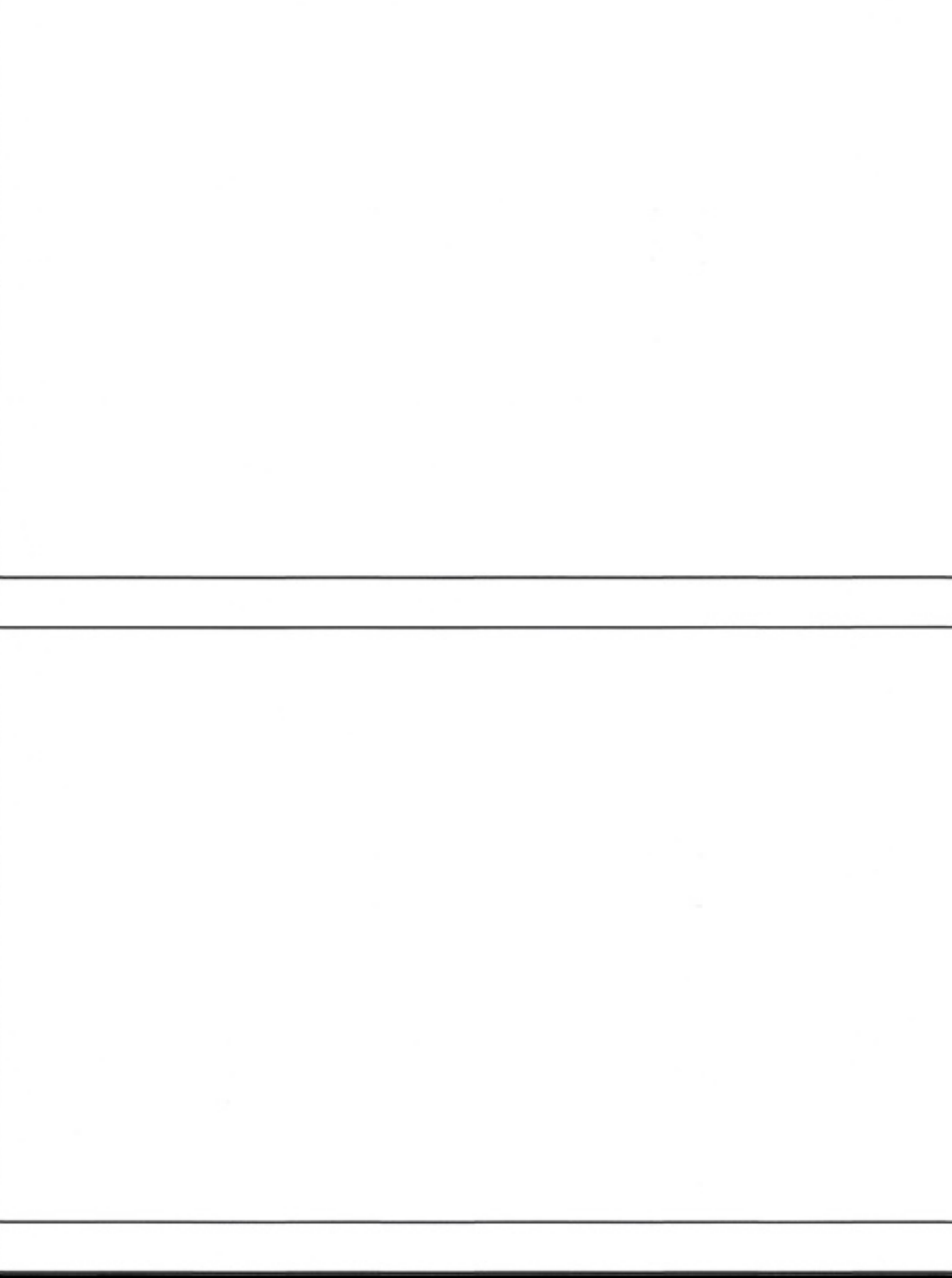
WASTE & VENT RISER DIAGRAM SCALE NTS



HOT & COLD WATER RISER DIAGRAM SCALE NTS



WATER HEATER DETAIL SCALE NTS



HOT & COLD WATER RISER DIAGRAM SCALE NTS

STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NIRC-PLB-4

CERTIFICATE OF COMPLIANCE
This document is used to demonstrate compliance for nonresidential occupancies with requirements in §110.1, §110.3, §120.3, and §140.5, and with requirements in §141.D for additions and alterations, for domestic water heating systems using the prescriptive path. For high-rise residential and hotel/motel occupancies compliance is demonstrated with requirements in §110.1, §110.3, §160.4 and §170.2(d), and with requirements §180.1 for additions and §180.2 for alterations.

Project Name: Opportunities For Youth Report Page: (Page 1 of 3)
Project Address: 1210 E. Huntington Dr. Suite B Date Prepared: 4/1/2026

A. GENERAL INFORMATION

01	Project Location (city)	Duarte	02	Climate Zone	9
03 Occupancy Types Within Project (select all that apply):					
<input type="checkbox"/> Classroom <input type="checkbox"/> Office <input type="checkbox"/> Support Areas <input type="checkbox"/> All Other Occupancies					

B. PROJECT SCOPE
This table includes domestic water heating systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive paths outlined in §140.1, §170.2(d) and §141.0(a)/§180.1, or §141.0(b)(2)/§180.2 for additions or alterations. Solar water heating systems are documented on the NIRC-SAB compliance document. Combined hydraulic water heating systems are documented on the NIRC-MCH compliance document.

01	02	03
My project consists of (check all that apply):		
<input type="checkbox"/> New system (DHW system being installed for the first time)	System Type 1,2	System Components
<input type="checkbox"/> System Alteration (equipment, distribution or controls)		<input type="checkbox"/> Equipment <input type="checkbox"/> Distribution <input type="checkbox"/> Controls <input type="checkbox"/> Equipment <input type="checkbox"/> Distribution <input type="checkbox"/> Controls

C. COMPLIANCE RESULTS
Table C will indicate if the project data input into the compliance document is compliant with water heating requirements. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D, or the table indicated as not compliant for guidance.

01	02	03	04	05
Domestic Hot Water Equipment	Distribution Systems	Controls	Pool/Spa	Compliance Results
Table F	Table G	Table H	Table J	
Yes	Yes	Yes	Table J	COMPLIES

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

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STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NIRC-PLB-4

CERTIFICATE OF COMPLIANCE
Project Name: Opportunities For Youth Report Page: (Page 2 of 3)
Date Prepared: 4/1/2026

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. DOMESTIC HOT WATER EQUIPMENT
This section does not apply to this project.

DOMESTIC HOT WATER DISTRIBUTION SYSTEM
This section does not apply to this project.

DOMESTIC HOT WATER CONTROLS - §110.3, §120.9, §160.4(d), §170.2(d), §180.1(b)(3)
This section does not apply to this project.

DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION
Selections have been made based on information provided in this document. If any selection have been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/Title

NIRC-PLB-E - Must be submitted for all buildings

DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE
There are no forms required for this project.

DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
There are no forms required for this project.

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STATE OF CALIFORNIA
CALIFORNIA ENERGY COMMISSION
Domestic Water Heating System NIRC-PLB-4

CERTIFICATE OF COMPLIANCE
Project Name: Opportunities For Youth Report Page: (Page 3 of 3)
Project Address: 1210 E. Huntington Dr. Suite B Date Prepared: 4/1/2026

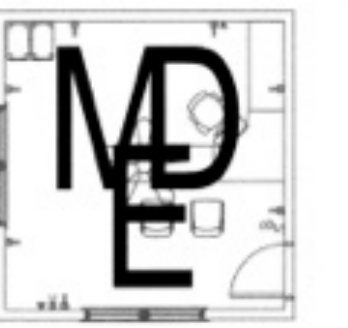
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Darryl Murray
Signature Date: 2026-04-01
Address: 1355 N. 3775 W.
City/State/Zip: Cedar City UT 84721
Phone: 818.355.0225

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Person Name: R.W. Ghattas
Responsible Person Scope:
Date Signed: 2026-04-01
Address: 1355 N. 3775 W.
City/State/Zip: Cedar City UT 84721
Phone: 818.355.0225

Generated Date/Time: Documentation Software: EnergyPro
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DARRYL MURRAY INC.
MECHANICAL • ELECTRICAL • PLUMBING
1355 N. 3775 W., Cedar City, UT 84721
Tel: 818.355.0225 Fax: -
darryl@murrayengineer.com

DATE SIGNED 04/01/26
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A PROJECT FOR:
Options For Youth
Public Charter Schools
1210 E Huntington Dr.
Unit B
Duarte, CA 91010

CLIENT:
LUPINE
CONSTRUCTION & DEVELOPMENT
715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE	04-01-2026
ARCHITECT	EM
CHECKED BY	RG/ML
DRAWN BY	DM
PROJECT NO.	-
SCALE	AS NOTED

SHEET TITLE
PLUMBING
TITLE 24
COMPLIANCE
FORMS
SHEET NO.
P3