

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



OPTIONS FOR YOUTH

6624-6628 CHERRY AVE

LONG BEACH, CA 90805

APN: 7119-020-033

PROJECT DESCRIPTION

OPTIONS FOR YOUTH (OFY), A PRIVATE CHARTER SCHOOL PROGRAM, IS HOPING TO LEASE A 2,236 SQUARE FOOT EXISTING COMMERCIAL SPACE AT 6624-6628 CHERRY AVE, LONG BEACH, CA 90805 TO BE USED AS AN INDEPENDENT STUDY LEARNING CENTER. THE OFY PROGRAM IS A PRIVATELY FUNDED CHARTER SCHOOL COMPLIANT WITH STATE ADA REGULATIONS TO SERVE STUDENTS IN GRADES 7-12.

AS A REGISTERED ACTIVE CHARTER SCHOOL WITH THE CALIFORNIA DEPARTMENT OF EDUCATION (CDE), OPTIONS FOR YOUTH IS ACCREDITED BY THE WESTERN ASSOCIATION OF SCHOOLS AND COLLEGES (WASC). STUDENTS WHO ATTEND OFY EARN COURSE CREDITS AND ARE ENROLLED AT OFY UNTIL EITHER THEY TRANSFER BACK TO A TRADITIONAL SCHOOL OR GRADUATE FROM OFY WITH A HIGH SCHOOL DIPLOMA.

OFY STUDENTS ATTEND SCHOOL FOR TWO 1.5 HOUR APPOINTMENTS PER WEEK. DURING THESE APPOINTMENTS, STUDENTS RECEIVE THEIR CURRICULUM FROM THEIR TEACHERS. ADDITIONALLY, STUDENTS ARE ABLE TO ATTEND SMALL GROUP INSTRUCTION CLASSES, TAKE TESTS, MEET WITH A COLLEGE ADVISORS, AND, IF NEEDED, RECEIVE ADDITIONAL INSTRUCTION FROM A TUTOR. STUDENTS ARE REQUIRED TO STUDY AND COMPLETE COURSEWORK INDEPENDENTLY FOR 4-6 HOURS EACH DAY. DUE TO THE INDEPENDENT STUDY MODEL, OFY DOES NOT PROVIDE TRANSPORTATION, FOOD SERVICE, GYMNASIUMS, OR PLAYGROUND FACILITIES TO STUDENTS AT EACH LEARNING CENTER. ADDITIONALLY, A MAJORITY OF THE STUDENTS UTILIZE PUBLIC TRANSPORTATION TO COMMUTE TO AND FROM THE CENTER. THIS GREATLY REDUCES THE PARKING LOAD REQUIRED FOR EACH CENTER. CURRENTLY, MANY CENTERS THROUGHOUT SOUTHERN CALIFORNIA OPERATE WITH MINIMAL PARKING WITHOUT ANY ADVERSE EFFECTS TO ATTENDANCE OR THE SURROUNDING AREA.

PROJECTED STAFF (3 TEACHERS WITH 1 SUPPORT STAFF), CURRENT 240 STUDENTS, ADA (AVERAGE DAILY ATTENDANCE) IS 240 STUDENTS PROJECTED PER YEAR. EACH TEACHER SERVES A MAXIMUM OF 5 STUDENTS PER 1.5 HOUR APPOINTMENT, WITH A MAXIMUM OF 20 STUDENTS PER DAY. AT THE PROPOSED CENTER, 3 TEACHERS AND 1 SUPPORT STAFF, FOR A TOTAL OF 4 STAFF MEMBERS, ARE EXPECTED TO SERVE APPROXIMATELY 20 STUDENTS PER 1.5 HOURS. TYPICAL STUDENT APPOINTMENTS ARE AT 9AM, 10:30, 1 AND 2:30.

OFY CENTERS ARE OPEN MONDAY - FRIDAY FROM 8AM - 5PM, CLOSED FOR LUNCH FROM 12PM-1PM, AND CLOSED MOST SATURDAYS AND ALL SUNDAYS. ADDITIONALLY, OFY OFFERS SATURDAY SCHOOL 4 TIMES A YEAR FOR SAT AND CASHEE PREP TESTING FROM 9AM - 12PM.

OFY CURRENTLY OPERATES SEVERAL LEARNING CENTERS IN THE SAN BERNARDINO, LOS ANGELES AND SACRAMENTO COUNTIES OF CALIFORNIA, THE VAST MAJORITY OF WHICH ARE IN LOS ANGELES COUNTY. GRADUATING STUDENTS WILL RECEIVE AN ACCREDITED DIPLOMA, WHICH WOULD BE ELIGIBLE FOR ATTENDANCE AT COMMUNITY COLLEGES, TECHNICAL SCHOOL, AND 4 YEAR UNIVERSITIES. OFY SCHOOLS HAVE DEMONSTRATED HIGH LEVELS OF SUCCESS WITH ITS STUDENT POPULATION; CREATING EDUCATED AND RESPECTFUL MEMBERS OF THE GREATER COMMUNITY.

THE BUILDING IS CONSTRUCTED WITH ENTIRELY PRIVATE FUNDS. LONG BEACH BUILDING & SAFETY PROVIDES SERVICES OF PLAN CHECK AND INSPECTION FOR COMMERCIAL ACCESSIBILITY OF CHARTER SCHOOLS BASED ONLY ON THE CALIFORNIA BUILDING CODE CHAPTER 11B. THE ARCHITECT OF RECORD IS SOLELY RESPONSIBLE FOR THE DESIGN OF THE BUILDING TO MEET OTHER REGULATIONS (SUCH AS ADA, ABA, STATE, FEDERAL, ETC.)

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 LIMIT 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 OD DOORS.
- ALL NEW DOORS 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 THESES 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.

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 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.

BUILDING INFORMATION

CONSTRUCTION TYPE: VB
SPRINKLER: NON SPRINKLERED
NUMBER OF STORIES: 1
BUILDING HEIGHT: 15 FT.
ZONE: COMMERCIAL

LEGAL DESCRIPTION:
LOT NO: 10.11

ALLOWABLE FOR NON-SPRINKLERED BLDG. CBC TBL. 506.2
(E OCC) 9500 S.F. (B OCC) 9000 S.F.
BUILDING FLOOR AREA: 9048 S.F.
EXISTING B OCCUPANCY: 3445 S.F.
EXISTING E OCCUPANCY: 3367 S.F.
PROPOSED AREA OF CHARTER SCHOOL E OCC: 2236 S.F.

MIXED USE OCCUPANCY:
3445/9000 + 5603/9500 = 0.38+0.59= 0.97 <1 **BUILDING AREA OK.**

OCCUPANT LOAD: 43 REQUIRED EXITS: 1 EXITS PROVIDED: 4
CHANGE OF USE FROM B TO E OCCUPANCY GROUP

- SEPARATE PERMIT:**
- FIRE ALARM SYSTEM WILL BE INSTALLED WITHIN THE OCCUPANCY UNDER SEPARATE PERMIT. FIRE ALARM SYSTEM MUST EXTEND THROUGHOUT THE BUILDING, INTO OTHER BUILDING TENANT SPACES (CFC 907.2)
 - SEPARATE ELECTRICAL, PLUMBING, AND MECHANICAL PERMITS ARE REQUIRED.

PARKING ANALYSIS:
PER CITY OF LONG BEACH MUNICIPAL CODE STANDARDS:
7 CARS PER CLASSROOM

1 CLASSROOM = 1 X 7 = 7 CARS

PROVIDED = 15 CARS
13 STANDARD & 2 ADA

APPLICABLE CODES

2022 CALIFORNIA FIRE CODE (CFC)
2022 CALIFORNIA BUILDING CODE (CBC)
2022 CALIFORNIA PLUMBING CODE (CPC)
2022 CALIFORNIA MECHANICAL CODE (CMC)
2022 CALIFORNIA ELECTRICAL CODE (CEC)
2022 ENERGY CODE
CITY OF LONG BEACH MUNICIPAL CODE, TITLES 18 AND 21
2022 CALIFORNIA GREEN BUILDING CODE (CGCB)

VALUATION OF THIS PROJECT IS LESS THAN \$200,000 AND THERE IS NO AREA ADDITION TO TENANT IMPROVEMENT.

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

PROJECT DATA

PROJECT CONTACT:
BROOKE RICHARDS, PROJECT MANAGER
TEL: (626) 590-4897
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ARCHITECT:
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ENGINEERS:
JAYCOCAL ENGINEERING
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PASADENA, CA 91101
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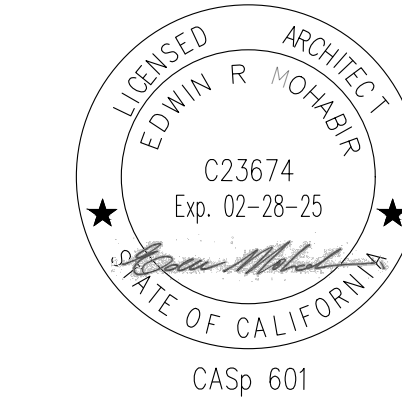
ELECTRICAL BUILDING SYSTEMS INC
15515 SAN FERNANDO MISSION BLVD.
SUITE 9 MISSION HILLS, CA 91345
(818)763-9179
@EBSINC@EBS-LA.COM

CONTRACTOR:
LUPINE CONSTRUCTION & DEVELOPEMENT
715 ARROW GRAND CIRCLE
COVINA, CA 91722

EDWIN MOHABIR

EM
ARCHITECT, INC.

25206 BISHOP CT.
STEVENSON RANCH, CA 91381
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SCOPE OF WORK

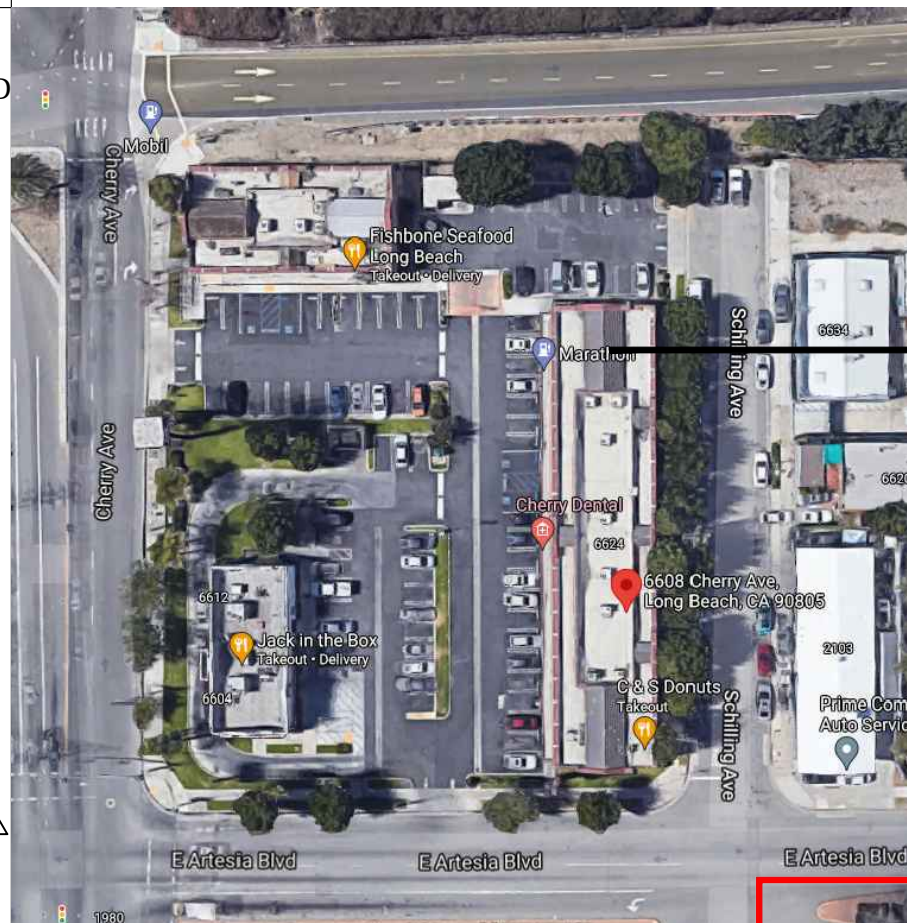
- 1.) New Partition Walls
- 2.) New Flooring (where applicable)
- 3.) New Doors
- 4.) Relocated Electrical Outlets(where applicable)
- 5.) New Hard lid ceiling in Janitor Closet
- 6.) New T-bar Ceiling Grid(where applicable)
- 7.) New 2x4 Lighting Fixtures
- 8.) New Plumbing Fixtures to replace existing.
- 9.) Change use from B to E occupancy.

A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

VICINITY MAP



CLIENT:

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

REVISIONS

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T-2.1 COMMERCIAL ACCESSIBILITY NOTES
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P-4 PLUMBING DETAILS

LANDLORD APPROVAL:

SHEET TITLE

TITLE SHEET

SHEET NO.

T-1.0

INSPECTIONS

1. Long Beach Fire Department (LBFD) 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 LBFD Inspection Scheduling at 310-605-5670.

2. 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.

3. 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 provided at least 100 feet from available fire department vehicle access roadway. 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

4. 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. CFC 501.2, CFC 505.1.

5. Fire extinguishers and classes of fire extinguishers shall be in accordance with CFC 906 and CCR Title 19, 19.500. 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 LBFID inspectors depending on project or site conditions and final placement is left to the discretion of the LBFID inspector.

6. 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 submitted to the LBFID. Such items shall be approved and inspected by the LBFID prior to installation.

7. 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 stairwells, and any other structures or areas where immediate access is required or is unduly difficult. An LBFID 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.

8. 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 LBFID 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 LBFID and the City/County where the project is located.

GENERAL REQUIREMENTS

9. The project shall comply with 2022 California Building Code, 2022 California Fire Code, and other currently adopted codes, standards, regulations and requirements as enforced by the Long Beach Fire Department..

10. Dumpsters and trash containers exceeding 15 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 IIIA structure separated by 10 feet from other structures. Containers larger than 15 cubic yard shall be of non- or limited-combustible materials or similarly protected or separated. CFC 304.3
11. 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.
12. The egress path shall remain free and clear of all obstructions at all times. No storage is permitted in aisles.
13. Exit doors shall be operable 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
14. The egress path shall be clearly identified with exit signs conforming to CBC 1013. Illuminated exit signs must have 90-minute emergency power back-up.
15. 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" 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
16. Stairs serving 4+ stories shall have stairwell signs conforming to CBC 1023.9 and LBFD Guidelines

E-02

17. The exit path shall be illuminated at all times in accordance with CBC 1006. Emergency lighting shall be provided with 90-minute back-up.

18. 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.

19. 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

20. Occupant load sign, with minimum one-inch letters and numbers contrasting with their background, shall be posted at 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.

21. 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 1/2 inch letters contrasting with their background shall be posted in a conspicuous location adjacent to the door. The door shall be equipped only with a key-operated lock that visually indicates whether it is open or locked.

22. 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

of 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.

23. Open flame in assembly areas is prohibited except as specifically permitted by LBCFD in compliance with CFC Chapter 3.

EXTINGUISHING SYSTEMS

24. An automatic fire sprinkler system shall be provided throughout the building in compliance with CFC 903 and the applicable 2022 NFPA sprinkler standard. Review and approval of a sprinkler plan is required prior to installation or modification.

25. An automatic extinguishing system shall be provided to protect commercial-type food heating equipment that produces grease-laden vapors and shall comply with 2022 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

26. A fire alarm system shall be provided in compliance with CBC/CFC 907 and 2022 NFPA 72. A separate plan submittal is required for approval prior to installation or modification.

27. 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.

1. THE FLOOR OR LANDING AT EACH SIDE OF AN EXIT DOOR SHALL BE LEVEL AND HAVE 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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
7. EACH GRADE-LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD "EXIT".

[illegible]

(N) SELF-ILLUMINATING EXIT SIGN
WITH SELF CONTAINED 90 MIN BATTERY
PACK BACKUP UNIT- WALL MOUNTED

1. PANIC HARDWARE
2. 1/2" MAX CHANGE IN ELEVATION AT DOOR THRESHOLD W/ 2:1 RATIO MAX BEVEL.
3. EXIT DOOR SHALL BE OPENABLE WITHOUT ANY SPECIAL KNOWLEDGE OR EFFORT
4. PROVIDE FIRE ALARM UNDER SEPARATE PERMIT.

OF EGRESS LIGHTING W/ 90 MIN City of Long Beach
VER BACKUP. Electronic Plan Chec

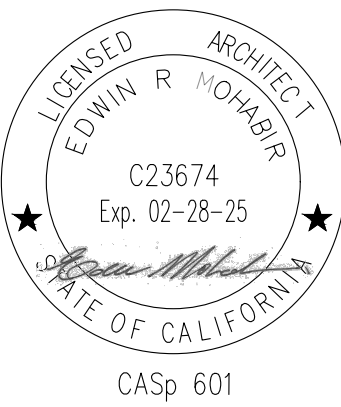
SIGNATURE WITH ONE INCH HIGH CONTRASTING BACKGROUND	APPROVED	EXITING/
		OCCUPANCY LOAD
MAXIMUM OCCUPANCY	ANALYSIS	
	This construction document has been reviewed for life safety construction. It is unlawful to alter, change or modify this construction document without approval of the City of Los Angeles City agency or department. This approval is subject to field inspection for acceptance of the completed work or installation. The approval of this construction document does not SHALL NOT be held to permit or be a defense in any civil or criminal action, provisions of the municipal code or other ordinances of the City or laws and statutes of the State.	
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EM

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Options For Youth
Public Charter Schools

6624-6628 CHERRY AVE.
LONG BEACH, CA 90805



715 ARROW GRAND CIRCLE
COVINA, CA 91722

PROJECT DATA

DATE 06-02-24

ARCHITECT EM

CHECKED BY _____ EM _____

DRAWN BY AA

PROJECT NO. _____

SCALE AS NOTED

SHEET TITLE

PROVED BY TESTING/

MUST be at the job site during

ANALYSIS

the completed work or installation.
Instruction document SHALL NOT be

approval of the violation of any
code or other ordinances of the City

rate. $\beta = 1.1$

GENERAL NOTES

1. 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.

2. 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.

3. 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 OF GRAPHIC FORMAT.

4. 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.

5. CONTRACTOR IS RESPONSIBLE FOR THE MORE COSTLY RESOLUTION ON ALL CONFLICTING INFORMATION PRESENTED ON THE PLANS, OR BETWEEN THE EXISTING CONDITIONS AND THE PLANS.

6. 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.

7. CONTRACTOR SHALL SUBMIT ONE SET OF SHOP DRAWINGS OF ALL STONework, 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 ARCHITECTS AND/OR PROJECT MANAGER APPROVAL OF SHOP DRAWINGS.

8. ALL WORK NOTED "N.I.C" OR "NOT IN CONTRACT" IS NOT TO BE PART OF THE CONSTRUCTION AGREEMENT.

9. 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.

10. 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.

11. WORK WILL BE COORDINATED WITH ALL TRADES IN ORDER TO AVOID INTERFERENCE AND AVOID OMISSIONS.

12. UNLESS NOTED OTHERWISE, ALL MATERIALS USED WILL BE NEW AND BEAR U.L. LABELS WHERE REQUIRED AND MEET APPROPRIATE INDUSTRY STANDARDS.

13. 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.

14. EACH SUBCONTRACTOR WILL AMEND AND MAKE GOOD AT HIS OWN COST, ANY DEFECTS OR OTHER FAULTS IN HIS WORKMANSHIP AND/OR HIS SUPPLIED MATERIALS.

15. 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.

16. CONTRACTOR SHALL NOT SCALE THESE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF CONFLICT, THE DRAWINGS SHALL BE DIMENSIONS OR INFORMATION, CONTRACTOR SHALL NOTIFY THE ARCHITECT. FIGURED AND CALCULATED DIMENSION TAKE PRECEDENCE OVER SCALED MEASUREMENTS. DETAILED DRAWINGS AND LARGER SCALE DRAWINGS TYPICALLY TAKES 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.

17. 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.

18. 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.

19. 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 ACCRUED ON THIS PROPERTY DURING THE PRE / ACTUAL / POST CONSTRUCTION PHASES OF THIS PROJECT.

20. 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.

21. TRANSITION OF DIFFERENT FLOORING MATERIAL AT DOORWAYS SHALL OCCUR AT CENTERLINE OF DOORS TYPICALLY.

22. 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. ALL NEW PAINTING SHALL INCLUDE (1) ONE COAT PRIMER AND (2) TWO COATS OF PAINT.

23. CONTRACTOR SHALL PATCH ALL EXISTING WALL AND/OR CEILINGS AS NEEDED TO REFURBISH THE LEASE SPACE TO "LIKE NEW" CONDITION AND REPAIR ALL DAMAGES.

24. ALL WEATHER - EXPOSED SURFACES SHALL HAVE A WEATHER RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING AND EXTERIOR OPENING SHALL BE DETAIL IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.

25. PROJECT SHALL MEET REQUIREMENTS OF CAL GREEN CODE 2013 FOR ALL DEBRIS. CHECK THE VOC FORMS PER CODE.

26. DURING CONSTRUCTION/DEMOLITION DEVELOPER AND CONTRACTOR TO USE WASTE MANAGEMENT SERVICES IN ACCORDANCE WITH THE CITY MUNICIPAL CODE AND RATE SCHEDULE.

CONSTRUCTION NOTES

1. 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.

2. 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.

3. DIMENSIONS LOCATING DOORS BY EDGE ARE TO THE INSIDE OF EDGE OF JAMB, UNLESS OTHERWISE NOTED.

4. PARTITIONS AT BUILDING PERIMETER SHALL BE CENTERED ON CENTER LINE OF COLUMN OR WINDOW MULLION, UNLESS OTHERWISE NOTED.

5. COLUMN CENTER LINES (OR GRID LINES) ARE SHOWN FOR DIMENSIONING, VERIFY EXACT LOCATIONS IN FIELD.

6. 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 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.

7. 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.

8. DEAD BOLT ARE NOT PERMITTED ON EXIT DOORS G.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
1. 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.

2. ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER AND FIRE LIFE SAFETY SYSTEMS SHALL BE INSTALLED UNDER SEPARATE PERMIT.

3. THE INSTALLATION OR OPERATION OF AUTOMATIC FIRE EXTINGUISHER SYSTEM MUST BE CHECKED AND APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.

4. FIRE SPRINKLER SYSTEM AND MODIFICATION SHALL BE APPROVED BY THE FIRE DEPARTMENT PRIOR TO INSTALLATION.

5. FIRE LIFE SAFETY SYSTEM AND MODIFICATIONS SHALL BE APPROVED BY ELECTRICAL DIVISION PRIOR TO INSTALLATION.

6. REFER TO ELECTRICAL PLANS FOR LOCATION OF ANY SMOKE DETECTORS, LIFE SAFETY SPEAKERS, STROBES AND EXIT SIGNS, PARTITIONS/CEILING.

7. FIRE DAMPERS OR DOORS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE FIRE RATED WALLS OR CEILING, PER APPLICABLE CODES.

8. 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

9. ANY DECORATIONS USED SHALL BE NON-COMBUSTIBLE OR FLAME-PROFFED IN AN APPROVED MANNER.

10. INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDORS SHALL BE PER TABLE 803.9

11. INTERIOR WALL AND CEILING FINISHES FOR 2 HOUR EXIT CORRIDORS SHALL BE PER TABLE 803.9

12. INTERIOR WALL AND CEILING FINISHED SHALL BE PER TABLE 803.9

13. 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.

14. PROVIDE SELF-CLOSING ACCESS DOOR AT RATED PARTITION AND GYPSUM BOARD CEILINGS.

15. AISLES LEADING TO REQUIRED EXITS SHALL HAVE A MIN WIDTH OF 3'-8" CLEAR.

16. 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

17. EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING 60 OR MORE OCCUPANTS.

18. 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 PERMIT-ED 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 ACCESS-IBLE BY CHAPTER 11A OR 11B SHALL NOT REQUIRE TIGHT GRASP-ING, 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:

1. PLACES OF DETENTION OR RESTRAINT.
2. 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:

2.1. THE LOCKING DEVICE IS READILY DISTINGUISH-ABLE AS LOCKED.

2.2. A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED. THE SIGN SHALL BE IN LETTERS 1/8" (25 MM) HIGH ON A CONTRASTING BACK-GROUND.

2.3. THE USE OF THE KEY-OPERATED LOCKING DEVICE IS REVOKABLE BY THE BUILDING OFFICIAL FOR DUE CAUSE.

3. 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 DOORKNOB OR SURFACE-MOUNTED HARDWARE.

4. 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.
5. 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 OPEN-ABLE FROM INSIDE THE CLOSET, AND BATHROOM 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 803.3.1.1 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:

5. ALL EGRESS DOOR OPERATION SHALL ALSO COMPLY WITH SECTION 1008.1.6 - 1008.1.8.8.

6. THE FOLLOWING SIGN SHALL BE PROVIDED ABOVE THE MAIN EXIT DOOR.

7. 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.

8. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.

9. 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 ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:

9.A. AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.

9.B. CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

9.C. 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.

9.D. EXTERIOR LANDING, AS REQUIRED BY CBC SECTION 1008.1.6, FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

10. 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.

11. 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 0.06 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.

12. 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

13. PROVIDE FLOOR LEVEL EXIT SIGNS IN ALL INTERIOR CORRIDORS OF GROUP A, E, I, R2.1 OCCUPANCIES CBC 1011.7

14. INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SECTION 2702.

15. 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

16. EXIT SIGNS SHALL BE ILLUMINATED INTERNALLY OR EXTERNALLY TO A MINIMUM INTENSITY LEVEL OF 4 FOOT CANDLES (64 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

17. 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.

18. PROVIDE EXIT SIGNS AND DIRECTIONAL EXIT SIGNS WITH A MINIMUM OF 6" HIGH BY 3/4" STROKE BLOCK LETTERS ON A CONTRASTING BACKGROUND.

19. WHENEVER BUILDING IS OCCUPIED, EXIT SIGNS SHALL BE LIGHTED SO THEY ARE CLEARLY VISIBLE.

FIRE EXTINGUISHERS

20. 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.

21. PROVIDE PORTABLE FIRE EXTINGUISHER WITH A RATING NOT LESS THAN 10BC FOR KITCHEN. ELEVATED ROOM, MECHANICAL ROOM, OR PARKING GARAGE.

SPRINKLERS

22. SPRINKLER HEADS SHALL BE LOCATED IN CENTER OF CEILING TILE IN A SYMMETRIC PATTERN.

23. NEW/RELOCATED FIRE SPRINKLER HEADS SHALL MATCH BUILDING STANDARD AND BE ADDED OR RELOCATED FROM THE EXISTING BASE BUILDING GRID.

24. DISTRIBUTION OF SPRINKLER HEADS MUST MEET GOVERNING CODES.

25. CLASS I, DRY STAND PIPES ARE REQUIRED IN BUILDINGS FOUR OR MORE STORIES IN HEIGHT.

26. CLASS II, WET STAND PIPES ARE REQUIRED AS SPECIFIED IN TABLE 9A. 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.

27. CLASS III, COMBINATION STAND PIPE ARE REQUIRED FOR BUILDINGS OVER 150' IN HEIGHT.

28. 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

1. IF AN EMERGENCY WARNING SYSTEM IS REQUIRED, SHALL ACTIVATE A MEANS OF WARNING FOR THE HEARING IMPAIRED.

2. 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.

3. 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 IMPAIRS HEARING OF THE FIRE ALARM, LOBBIES, MEETING ROOMS AND ANY OTHER AREA FOR COMMON USE.

4. STROBE SIGNALING DEVICES REQUIRED FOR THE HEARING IMPAIRED SHALL BE STATE FIRE MARSHALL APPROVED LISTED.

5. NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL ALSO BE PROVIDED WITH THE FOLLOWING:

5.A. AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PUBLIC MODE 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.

5.B. AUDIBLE SIGNALS INTENDED FOR OPERATION IN THE PRIVATE MODE 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.

5.C. A SPECIFICATION VALUE NOT TO EXCEED 3 FLASHES PER SECOND AND NO SLOWER THAN 1 FLASH PER SECOND.

5.D. A CLEAR OR NOMINAL WHITE COLORED LIGHT SOURCE.

5.E. 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.

5.F. NOTIFICATION APPLIANCES FOR OCCUPANCIES REQUIRED TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) SHALL COMPLY WITH THE FOLLOWING:

5.F.A. A PULSING LIGHT SOURCE OF NOT LESS THAN 75 CANDELA SHALL BE PROVIDED.

5.F.B. NO PLACE IN COMMON CORRIDORS OR HALLWAYS IN WHICH VISUAL ALARM SIGNALING APPLIANCES ARE REQUIRED SHALL BE MORE THAN 50' FROM THE SIGNAL.

6. NO PLACE IN ANY ROOM OR SPACE REQUIRED TO HAVE A VISUAL SIGNAL APPLIANCE SHALL BE MORE THAN 50' FROM THE SIGNAL (IN HORIZONTAL PLANE). IN LARGE ROOMS AND SPACES EXCEEDING 100' ACROSS, WITHOUT OBSTRUCTION, ABOVE THE FINISHED FLOOR, DEVICES MAY BE PLACED AROUND THE PERIMETER, SPACED A MAX. 100' APART, IN LIEU OF SUSPENDING APPLIANCES FROM THE CEILING.

7. 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.

8. 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:

8.A. POSTING 911 EMERGENCY PHONE NUMBER IN THE MAIN OFFICE.

8.B. 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.

8.C. 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.

8.D. POSTING IN EACH CLASSROOM INSTRUCTION TO BE FOLLOWED BY THE TEACHER. THESE SHOULD INCLUDE: 1) MAINTAINING OF ORDER DURING EVACUATION. 2) REMOVAL OF ROLL CALL BOOK AND CALLING OF ROLL WHEN DESIGNATED EVACUATION AREA IS REACHED.

EDWIN MOHABIR

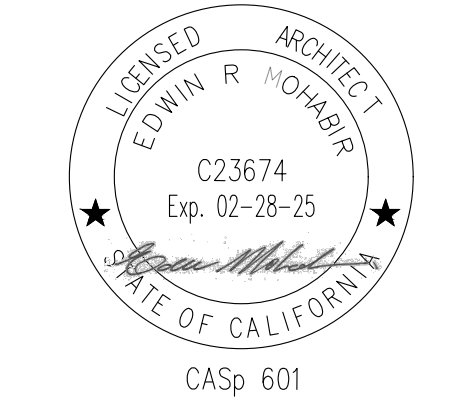
EM

ARCHITECT, INC.

25206 BISHOP CT.

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A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE 06-02-24

ARCHITECT EM

CHECKED BY EM

DRAWN BY AA

PROJECT NO. -

SCALE AS NOTED

City of Long Beach
Electronic Plan Check

SHEET TITLE

APPROVED

This construction document has been reviewed and approved for use by the City of Long Beach. It is unlawful to alter, duplicate, or use this construction document without approval from the City agency or department. This approval is subject to field inspection for acceptance of the completed work or installation. The approval of this construction document SHALL NOT be held to permit or to be a violation of any provisions of the municipal code or other ordinances of the City or laws and statutes of the State.

T-1.2

C. GENERAL PROVISIONS

1. New and existing buildings shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible and visible from the street or road fronting the property, contrasting with their background. Numbers shall be a minimum of 4 inches high with a minimum stroke of .5 inches. Where access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. (CFC 505.1)
2. Rear address numbers. All buildings on the property of the Long Beach Airport, and all multi-tenant buildings with the City, shall be provided with address numbers and/or suite numbers on the rear doors to each tenant space. (LBMC 18.48.340, CFC 505.1.)
3. Where access to or within a structure or area is restricted, a key box shall be installed in an approved location/s. For existing key boxes, updated keys shall be provided. (CFC 506.1)
4. Identification. When required, keys shall be clearly tagged as to the area and/or location they serve and a minimum of three separate sets shall be located within the key box. (LBMC 18.48.350, CFC 506.1.3)
5. Gates. Vehicular or pedestrian gates obstructing required fire access shall be provided with locking devices and/or over-ride mechanisms, which have been approved by the Chief of the City of Long Beach. (LBMC 18.48.350, 506.1.4)

6. A working space of not less than 30 inches in width, 36 inches in depth and 78 inches in height shall be provided in front of electrical service equipment. Door into electrical control panel rooms shall be marked with a plainly visible and legible sign stating ELECTRICAL ROOM or similar approved wording. (CFC 605)

D. USE AND OCCUPANCY

1. Specify on floor plans uses, occupancy and areas of all rooms.
2. Where mixed occupancy buildings contain incidental use areas, the following shall apply:
 - a. Clearly identify on plans whether there are any incidental use areas that are separated from other portions of the building pursuant to CBC T-508.4.
 - b. The protection used for incidental use areas may include automatic fire sprinklers, fire-resistance rated construction, or both. Identify such protection in the incidental use areas on each floor plan.
3. Where mixed occupancy buildings contain nonseparated uses, the following shall apply:
 - a. Clearly identify on plans whether nonseparated uses will be utilized pursuant to CBC 508.3.
 - b. Clearly acknowledge on the plans that the use of nonseparated occupancies requires the most restrictive provisions of CBC 508.3 and Chapter 9 to apply to the entire building.
 - c. The adjoining non-separated uses must be clearly identified on all floor plans, including the boundary of such areas.
 - d. The project must be designed to meet the requirements of the more restrictive occupancy for the following: (Area) (Height) (Egress) (Fire Sprinklers) (Other).
4. Where mixed occupancy buildings contain separated uses, the following shall apply:
 - a. Clearly identify on plans the boundary of each adjoining occupancy that will be separated pursuant to CBC 508.4 and T-508.4.
 - b. Fire-resistance rated walls used to separate adjoining occupancies shall be constructed as fire barriers in accordance with Section 707; fire partitions shall not be allowed. (CBC 508.4.4.1)
5. Where mixed occupancy buildings contain accessory areas, the aggregate area of all accessory areas within a single occupancy shall not exceed 10% of the floor area of the primary occupancy.(CBC 508.2.3)

E. INTERIOR WALLS

1. Clearly label and identify on plans all fire walls, fire barriers, fire partitions, shafts, smoke barriers, and smoke partitions, along with their fire-resistance ratings. Provide a legend.

F. INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS

1. Interior walls and ceiling finishes shall be classified in accordance with Section 803 of the California Building code. Identify the classification of interior walls and ceiling finishes based on CFC Table 803.3.
2. Textile wall coverings shall comply with CFC 803.5.1.
3. Expanded vinyl wall or ceiling coverings shall comply with the requirements of CFC 803.6.1 (1,2,3 or 4)
4. Foam plastic materials shall not be used as interior wall and ceiling finish unless specifically allowed by CFC 803.8.1 or 803.8.2.
5. Foam plastic shall be allowed for trim in accordance with CFC 804.2.
6. High-density polyethylene (HDPE), when used as an interior finish, shall comply with CFC 803.1.2. (CFC 803.9)
7. Site fabricated stretch systems shall comply with the requirements of CFC 803.1.1 or 803.1.2. (CFC 803.10)
8. Acceptance criteria and reports. Where required to be flame resistant, decorative materials shall be tested by an approved agency and meet the flame propagation performance criteria of NFPA 701, or such materials shall be noncombustible. Reports of test results shall be prepared in accordance with NFPA 701 and furnished to the fire code official upon request. (CFC 807.4)
9. Note on plans or finish schedule: "Wall, floor and ceiling shall not exceed the flame spread classifications in CBC T-803.3".

G. FIRE PROTECTION SYSTEMS

1. A minimum of one 2A 10-B:C shall be provided on each floor level, conspicuously located, along normal paths of travel and within 75 feet travel distance. (CCR, Title 19, Division 1, 567 (a) through (k))
2. Size and distribution of portable fire extinguishers shall be in accordance with CFC 906.3.1 through 906.3.4.
3. For purpose of CFC 907 fire walls and fire barrier walls shall not define separate buildings. (CFC 907.1.4)
4. A manual fire alarm system shall be installed in Group B occupancies where one of the following conditions exist:
 - a. The combined occupant load of all floors is 500 or more.
 - b. The B occupant load is more the 100 persons above or below the lowest level of exit discharge.
 - c. The fire area contains a ambulatory health care facility.
- d. Group B occupancies containing educational facilities, see CFC 907.2.2.2.
5. This building must be equipped with an automatic fire extinguishing system complying with (NFPA-13) The sprinkler system shall be approved by Fire Plan review prior to installation." (CFC 903.3.1)

H. EXITS

1. See T-1.1 for exit analysis plan that labels and clearly shows compliance with all required egress features such as, but not limited to, common path of travel, required number of exits, occupant load, required width, continuity, travel distance, etc. (CFC 1001.1)
2. Maintain a minimum clear width of 36 inches. Floor with exit width shall be not less than permitted by CBC 1005. The net dimension (clear width) shall be used in determining exit width. (CFC 1004.2)
3. In a two-story building, two exits or more are required when occupant load exceeds 30 or, common path of egress travel exceeds 75'. (CFC T-1006.3.2, CFC T-1006.3.2(2)..
4. The number of exits shall comply with CFC -1006.2.1, T-1006.3.1 and T-1006.3.2.
5. In single-story buildings, two or more exits are required when criteria in CFC T-1006.2.1, T-1017.2, T-1006.3.1 or T-1006.3.2 are exceeded. (CFC 1006)
6. Two exits or more are required when the occupant load of a room or space exceeds the criteria in CFC T-1006.2.1 or T-1017.2 (CFC 1006 and 1017)
7. When two exits are required from a building or area, they shall be separated by one-half (one-third if sprinklered throughout) the diagonal dimension of the building or area served. (CFC 1007.1.1))
8. Travel distance to reach an exit shall not exceed that allowed in CFC T-1017.2.

I. AISLES

1. Aisles serving as portion of the exit access in the means of egress system shall comply with requirements of CFC 1018.
2. In Group B occupancies, the minimum clear aisle width shall be determined by Section 1005.1 for the occupant load served, but shall not be less than 36 ". Exception: Nonpublic aisles serving less than 50 people and not required to be accessible by Chapter 11 of the CBC need not exceed 28" in width. (CFC 1018.3)

J. CORRIDORS

1. Corridors shall be fire-resistance rated in accordance with Table 1020.1. The walls shall comply with CFC 709 for Fire Partitions. (CFC1020.1)
2. Corridor width shall be not less than (96") (72") (44") (36"). (CFC 1020.2)
3. In fully sprinklered office buildings, corridors may lead through enclosed elevators lobbies, provided all areas of the building have access to an exit, without passing through an elevator lobby. (CFC 1020.6 EXCEPT 3)
4. Dead end corridors shall not exceed 20' (50') in length. (CFC 1020.4)

K. DOORS

1. Each leaf of door in the means of egress shall provide 32" clear opening and a min. height of 6'-8", but in no case shall any swinging door leaf exceed 48". (CFC 1010.1.1)
2. Doors serving an occupant load of 50 or more persons or hazardous rooms or areas shall swing in the direction of exit travel. (CFC 1010.1.2.1)
3. In buildings with Group B occupancy, the main exterior doors are permitted to be equipped with key-operated locking devices from the egress side provided:
 - a. The locking device is readily distinguishable as locked;
 - b. A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. The sign shall be in letters 1 inch high on a contrasting back-ground; and
 - c. The use of the key-operated locking device is revocable by the building official for due cause. (CFC 1010.1.9.3)
4. Revolving, sliding or overhead doors shall not be used as exit doors. (CFC 1010.1.2)
5. Show that power operated doors are capable of being manually opened to permit exit travel in the event of a power failure. (CFC 1010.1.4.2)
6. Means of egress doors shall be readily distinguishable from the adjacent construction and finishes such that the doors are easily recognizable as doors. Mirrors or similar reflecting materials shall not be used on means of egress doors. Means of egress doors shall not be concealed by curtains, drapes, decorations or similar materials. (CFC 1010.1)
7. Doors opening into the path of egress travel shall not reduce the required width to less than one half during the course of swing. When fully open, the door shall not project more than 7" into the required width. (CFC 1005.7.1)
8. Doors and their frames opening into a 1-hr. corridor shall be labeled 20-minute assemblies with smoke and draft control assemblies with self or automatic closers. (CBC 716.5.3)

L. STAIRWAYS

1. Stairs shall have a min. width of 44" (36"). (CFC 1011.2)
2. Door swinging over landing shall not reduce the width by more than 7" when fully open. When serving 50 or more, the door in any position shall not reduce the required width to less than one-half. (CFC 1011.6)

M. OTHER COMPONENTS

1. Where an egress court serving a building or portion thereof is less than 10' in width, the egress court walls shall have not less than 1-hr. fire-resistance-rated construction for a distance of 10' above the floor of the court. Openings within such walls shall be protected by opening protectives having a fire protection rating of not less than 3/4 hour. (CFC 1028.4.2)
2. The means of egress system shall be illuminated with at least one foot candle at the floor level (CFC 1008.2.1)
3. Show two sources of power for means of egress, when two or more exits are required. (CFC 1008.3)
4. Provide a separate source of power for exit sign illumination. (CFC 1013.6.3)
5. Exit signs are required when 2 or more exits are required. Show location of all exit signs. (CFC 1013.1)
6. Provide a door and window schedule. Show type, size, and hardware.

N. MISCELLANEOUS

1. Combustible debris shall not be accumulated within buildings. Combustible debris, rubbish and waste material shall be removed from buildings at the end of each shift of work. (CFC 3304.2)
2. Materials susceptible to spontaneous ignition, such as oily rags, shall be stored in a listed disposal container. (CFC 3304.2.4)
3. Operations involving the use of cutting and welding shall be done in accordance with Chapter 26 (CFC 3304.6)
4. Doors into electrical control panel rooms shall be marked with a plainly visible and legible sign stating ELECTRICAL ROOM or similar approved wording.
5. Doors into Fire Alarm control panel rooms shall be marked with a plainly visible and legible sign stating FIRE CONTROL PANEL or similar approved wording.
6. Rear address numbers. All multi-tenant buildings shall be provided with address numbers and/or suite numbers on the rear doors to each tenant space.
7. Rear exit doors shall be provide with signage stating, EXIT DOOR DO NOT BLOCK.
8. Provide a readily visible durable sign above the main entrance door stating THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED.
9. Provide a Knox Box or update keys.
10. Deferred Submittals; Plans shall be submitted under separate permit to fire plan check for the following:

☐ Fire Sprinkler Systems

☐ Fire Alarm Systems

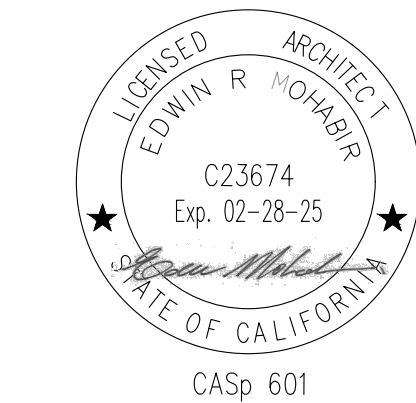
☐ Fire Hood Suppression

☐ C02 System

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A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE	06-02-24
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

City of Long Beach
Electronic Plan Book

SHEET TITLE

APPROVED

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FIRE NOTES

SHEET NO.

T-1.3

CHAPTER 3
GREEN BUILDING
SECTION 301 GENERAL

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

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

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

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

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

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

VALUATION OF THIS PROJECT IS LESS THAN \$200,000 AND THERE IS NO AREA ADDITION TO TENANT IMPROVEMENT. CODE SECTIONS RELEVANT TO ALTERATIONS SHALL ONLY APPLY TO THE PORTIONS BEING ALTERED WITHIN THE SCOPE OF PERMITTED WORK.

DIVISION 5.2 ENERGY EFFICIENCY

SECTION 5.201 GENERAL

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

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

SECTION 5.301 GENERAL

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

5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:

5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

5.303.3.2 Urinals.

5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.

5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.

5.303.3.4 Faucets and fountains.

5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.

5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches) at 60 psi].

5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.

5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches) at 60 psi].

Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992. Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilation equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.

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

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

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCQM/D Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *California Code of Regulations*, Title 17, commencing with Section 94507.

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

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

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

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT

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

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

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

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

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS^{2,3}

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS	
COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS ¹	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

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

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

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

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

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

5.504.4.4 Carpet Systems.

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

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

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

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

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

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

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

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

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS:

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION

PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD ²	0.13

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

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

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

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

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

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

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

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

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

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

Exceptions: Existing mechanical equipment.

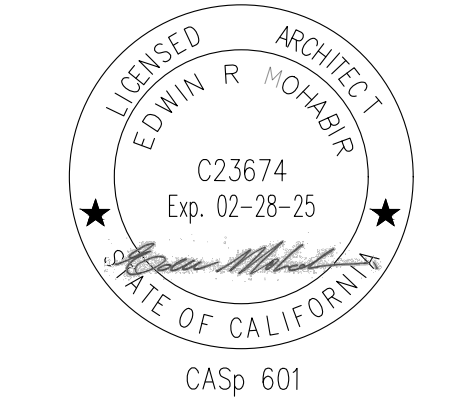
5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

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

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A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

BUILDING DEPT. CORRECTIONS
2 09-19-2024

PROJECT DATA

DATE	06-02-24
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

City of Long Beach
Electronic Plan Check

SHEET TITLE
APPROVED

This construction document MUST be at the job site during construction. It is unlawful to alter, change or deviate from this construction document without the approval of the City agency or department. This approval is subject to field inspection for acceptance of the completed work or installation. The approval of this construction document SHALL NOT be held to permit or to be a waiver of the violation of any provisions of the municipal code or the Ordinance of the City or laws and statutes of the State.

T-1.4

A.APPLICATION AND ADMINISTRATION

1. 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-206.4**

2.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-206.4**

3. WHEN THE ADJUSTED CONSTRUCTION COST IS LESS THAN OR EQUAL TO THE CURRENT VALUATION THRESHOLD \$150,244.00, THE COST OF COMPLIANCE WITH THE PRIMARY ACCESSIBLE PATH OF TRAVEL REQUIREMENTS IS LIMITED TO 30 PERCENT OF THE ADJUSTED CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS PRESENTLY PLANNED AND THOSE DURING THE PRECEDING THREE-YEAR PERIOD. **§11B-206.4**

4. ADJUSTED CONSTRUCTION COST OF ALTERATIONS, STRUCTURAL REPAIRS OR ADDITIONS DOES NOT INCLUDE THE COST OF ALTERATIONS TO PATH OF TRAVEL ELEMENTS. **§11B-206.4**

5. 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-206.4**

6. 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**

7.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

1. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. **§11B-302.1**

2. 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 LOOP, LEVEL CUT PILE, OR LEVEL CUT/UNPIL PILE TEXTURE. PILE HEIGHT SHALL BE ½ INCH MAXIMUM. **§11B-302.2, FIGURE 11B-302.2**

CHANGES IN LEVEL

3. VERTICAL CHANGES IN LEVEL FOR FLOOR OR GROUND SURFACES MAY BE ½ INCH HIGH MAXIMUM AND WITHOUT EDGE TREATMENT. **CHANGES IN LEVEL GREATER THAN ¼ INCH AND NOT EXCEEDING ½ INCH IN HEIGHT SHALL BE BEFORED BY A SLOPE NOT STEEPER THAN 1:2.** **§11B-303, FIGURES 11B-303.2 & 11B-303.3**

4. CHANGES IN LEVEL GREATER THAN ½ 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**

5. 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**

TURNING SPACE

6. 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-304.3.1**

7. 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-304.3.2, FIGURE 11B-304.3.2**

KNEE AND TOE CLEARANCE

8. 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**

9. 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**

10. AT LAVATORIES IN 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)**

11. 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

12. 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 ¼ INCHES MAXIMUM. **§11B-307.2, FIGURE 11B-307.2**

13. FREESTANDING OBJECTS MOUNTED ON POSTS OR PYLONS 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)**

14. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. **§11B-307.5**

15. LOWEST EDGE OF A SIGN OR OTHER OBSTRUCTION, WHEN MOUNTED BETWEEN POSTS OR PYLONS 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)**

16. 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**

17. 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**

18. 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

19. 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**

20. 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**

21. 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**

22. 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**

23. 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**

24. HIGH SIDE REACH SHALL BE 46 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**

25. 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**

26. 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**

27. 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

28. 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

1. 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)**

1. 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)**

2. AT LEAST ONE ACCESSIBLE ROUTE SHALL CONNECT EACH STORY AND MEZZANINE IN MULTI-STORY BUILDINGS AND FACILITIES. **§11B-206.2.3 (SEE EXCEPTIONS)**

3. 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**

4. 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**

5. 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)**

6. 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

7. 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

8. 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**

9. 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**

10. 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**

11. 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**

12. 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**

13. 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**

14. PROVIDE DETECTABLE WARNING DETAILS SHOWING COMPLIANCE WITH THE FOLLOWING:

a. 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**

b. 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**

16. DETECTABLE WARNING SURFACES SHALL BE YELLOW AND APPROXIMATE FS 33538 OF FEDERAL STANDARD 595C. **§11B-705.1.1.3.1**

17. DETECTABLE WARNING SURFACES SHALL PROVIDE A 70 PERCENT MINIMUM VISUAL CONTRAST WITH ADJACENT WALKING SURFACES. CONTRAST IN PERCENT SHALL BE DETERMINED BY: CONTRAST PERCENT = [(B1-B2)/B1] X 100 WHERE B1 = LIGHT REFLECTANCE VALUE (LRV) OF THE LIGHTER AREA AND B2 = LIGHT REFLECTANCE VALUE (LRV) OF THE DARKER AREA **§11B-705.1.1.3.2 (SEE EXCEPTION) ENTRANCES**

18. ENTRANCES SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.4

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**

19. ALL ENTRANCES AND EXTERIOR GROUND-FLOOR EXITS TO BUILDINGS AND FACILITIES SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. **§11B-206.4.1**

20. 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**

21. 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-206.4.4.2 (SEE EXCEPTION)**

TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTES

22. 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**

23. 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**

24. EXCEPT AT TURNS OR PASSING SPACES, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES MINIMUM. **§11B-403.5.1**

25. 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**

26. THE CLEAR WIDTH FOR SIDEWALKS AND WALKS SHALL BE 48 INCHES MINIMUM. **§11B-403.5.1 EXCEPTION 3**

27. 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**

28. 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

29. DOORS, DOORWAYS, AND GATES PROVIDING USER PASSAGE SHALL BE PROVIDED IN ACCORDANCE WITH 11B-206.5

30. DOORS, DOORWAYS AND GATES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH 11B-404 DOORS, DOORWAYS, AND GATES. **§11B-404.1**

31. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE. **§11B-402.2.1**

32. 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**

33. 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**

34. 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**

35. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE 11B-404.2.4.1. **§11B-404.2.4.1**

36. 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**

37. 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**

38. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE ½ 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**

39. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL COMPLY WITH 11B-304.4 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**

40. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: **§11B-404.2.9**

a. INTERIOR HINGED DOORS AND GATES: 5 POUNDS MAXIMUM.

b. SLIDING OR FOLDING DOORS: 5 POUNDS MAXIMUM.

c. REQUIRED FIRE DOORS: THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.

d. EXTERIOR HINGED DOORS: 5 POUNDS MAXIMUM.

41. 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

42. PROVIDE RAMP DETAILS, INCLUDING SLOPE, LANDINGS, AND HANDRAILS.

43. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%). **§11B-405.2**

44. CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48 (2.083%). **§11B-405.3**

45. 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**

46. THE CLEAR WIDTH OF A RAMP RUN SHALL BE 48 INCHES MINIMUM. **§11B-405.5**

47. THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM. **§11B-405.6**

48. RAMPS SHALL HAVE LANDINGS AT THE TOP AND THE BOTTOM OF EACH RAMP RUN. **§11B-405.7**

49. LANDINGS SHALL COMPLY WITH 11B-302 FLOOR OR GROUND SURFACES. CHANGES IN LEVEL ARE NOT PERMITTED. **§11B-405.7.1**

50. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. **§11B-405.7.2**

51. TOP LANDINGS SHALL BE 60 INCHES WIDE MINIMUM. **§11B-405.7.2.1**

52. THE LANDING CLEAR LENGTH SHALL BE 60 INCHES LONG MINIMUM. **§11B-405.7.3**

53. BOTTOM LANDINGS SHALL EXTEND 72 INCHES MINIMUM IN THE DIRECTION OF RAMP RUN. **§11B-405.7.3.1**

54. 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**

55. 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**

56. RAMP RUNS SHALL HAVE COMPLIANT HANDRAILS PER 11B-505 HANDRAILS. **§11B-405.8**

57. 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)**

58. A CURB-OR BARRIER SHALL BE PROVIDED ON EACH SIDE OF THE RAMP 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**

59. LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER. **§11B-405.10**

HANDRAILS

60. HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS. **§11B-505.2**

61. 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**

62. 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**

63. 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**

64. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOP 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**

65. 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**

66. 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**

67. 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**

68. 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**

69. 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**

70. 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**

71. 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 BEYOND 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 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-505.10.3**

STAIRWAYS

72. A STAIR IS DEFINED AS A CHANGE IN ELEVATION, CONSISTING OF ONE OR MORE RISERS. **§11B-202**

73. 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**

74. OPEN RISERS ARE NOT PERMITTED. **§11B-504.3 (SEE EXCEPTIONS)**

75. 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. THE STRIPE OR 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**

76. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE ½ INCH MAXIMUM. NOSINGS THAT PROJECT BEYOND RISERS SHALL HAVE THE UNDERSIDE OF THE LEADING EDGE CURVED OR REVELED. 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)**

77. STAIRS SHALL HAVE HANDRAILS COMPLYING WITH SECTION 11B-505 HANDRAILS. **§11B-504.6**

78. STAIR TREADS AND LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER. **§11B-504.7**

79. 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

80. PERPENDICULAR RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%). **§11B-406.2.1**

81. FOR PERPENDICULAR RAMPS, WHERE PROVIDED, CURB RAMP FLARES SHALL NOT BE STEEPER THAN 1:10. **§11B-406.2, FIGURE 11B-406.2.2**

82. 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**

83. 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**

84. BLENDED TRANSITION RAMPS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:20 (5%). **§11B-406.4.1**

85. 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**

86. 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**

87. LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS AND BLENDED TRANSITIONS (PARALLEL CURB RAMPS SHALL BE PROVIDED AT THE BOTTOMS OF CURB RAMPS). 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**

88. 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**

89. THE CROSS SLOPE OF CURB RAMPS AND BLENDED TRANSITIONS SHALL BE 1:48 (2.083%) MAXIMUM. **§11B-406.5.7**

90. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 24 INCHES OF THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20 (8%). THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS, AND STREETS SHALL BE AT THE SAME LEVEL. **§11B-406.5.8**

91. 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**

92. CURB RAMPS AND BLENDED TRANSITIONS SHALL HAVE DETECTABLE WARNINGS COMPLYING WITH 11B-705 DETECTABLE WARNINGS. **§11B-406.5.12**

93. RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES.

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 FEWER THAN 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-602.2, 11B-602.4, 11B-602.6 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 3½" 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 ENCROACH 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-213.1.1**

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 ENCROACH 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 WITH 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-213.3.1**

24. WHERE WATER CLOSETS ARE PROVIDED, AT LEAST 5 PERCENT BUT NO FEWER THAN ONE SHALL COMPLY WITH SECTION 11B-604. **§11B-213.3.2**

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(B) AND 11B-604.8.1.1.3(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 SIDEWALL 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-213.3.3**

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, POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE 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 MINIMUM 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-703.7.2.6 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-CLARE 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-703.2 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 A 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 TO 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 SYSTEM 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. MINIMUM 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. TTYS 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

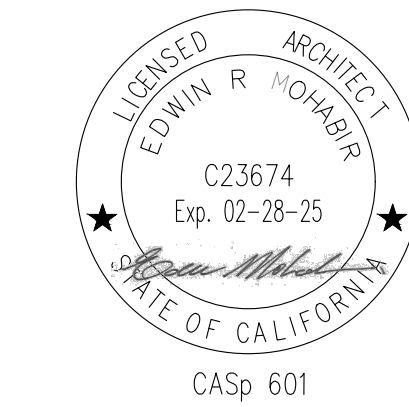
1. SINKS SHALL COMPLY WITH 11B-606 LAVATORIES AND SINKS. **§11B-804.4**

EDWIN MOHABIR

EM

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



A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE	06-02-24
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

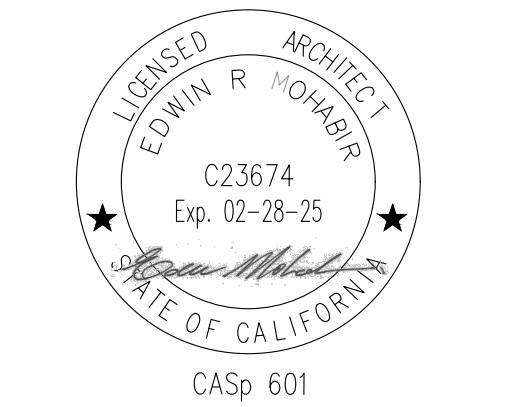
City of Long Beach
Electronic Plan Check
SHEET TITLE

APPROVED

COMMERCIAL
ACCESSIBILITY
NOTES

This construction document is for the building construction. It is unlawful to alter, modify, or use this construction document without approval of the appropriate City agency or department. This approval is subject to field inspection for acceptance of the completed work or installation. The approval of this construction document SHALL NOT be held to permit or to be a defense against the violation of any provisions of the local code or other ordinances of the City or laws and statutes of the State.

T-2.1



A PROJECT FOR:

Options For Youth
Public Charter Schools

6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:

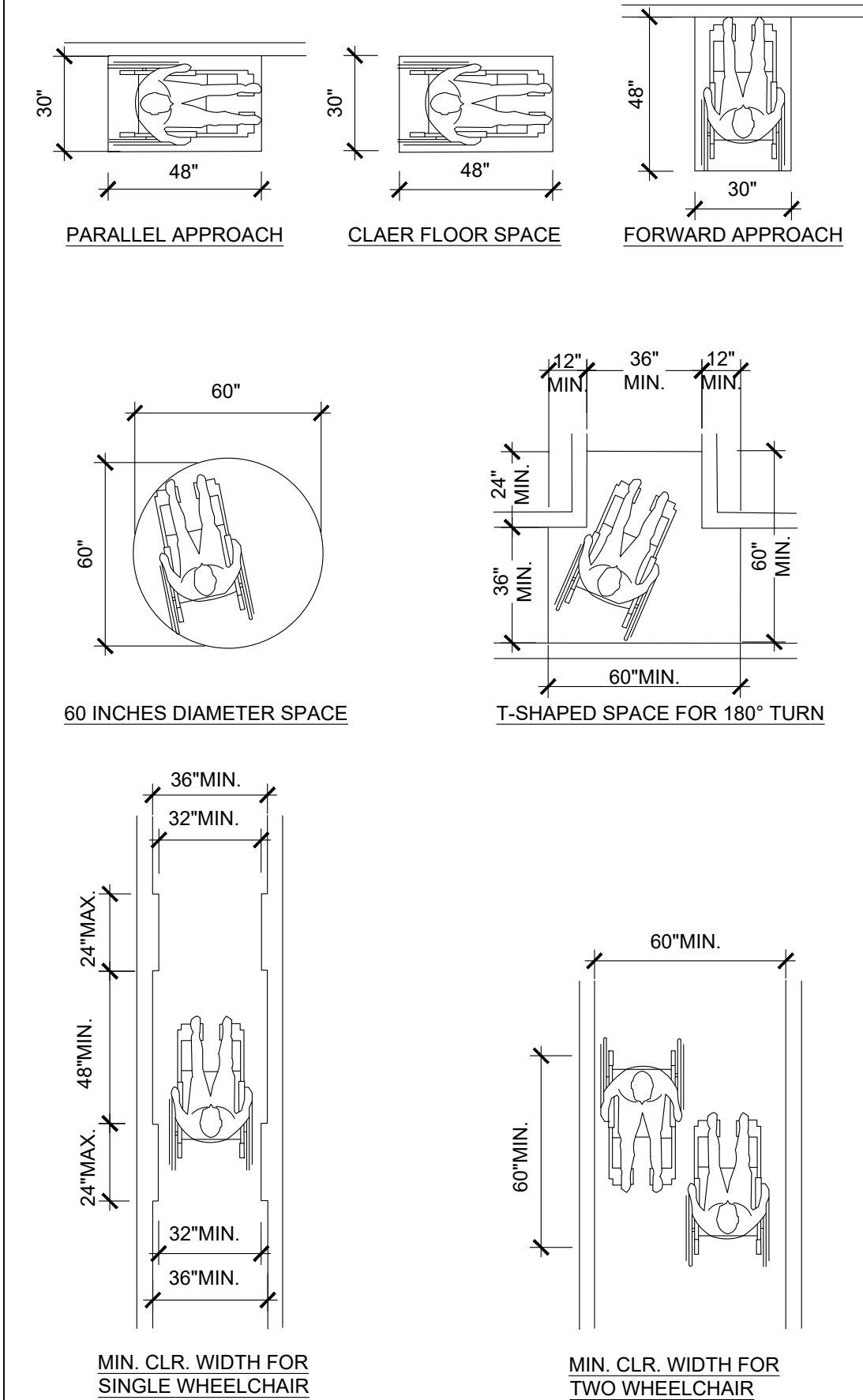
LUPINE
CONSTRUCTION & DEVELOPMENT
715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS	
PROJECT DATA	
DATE	06-02-24
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

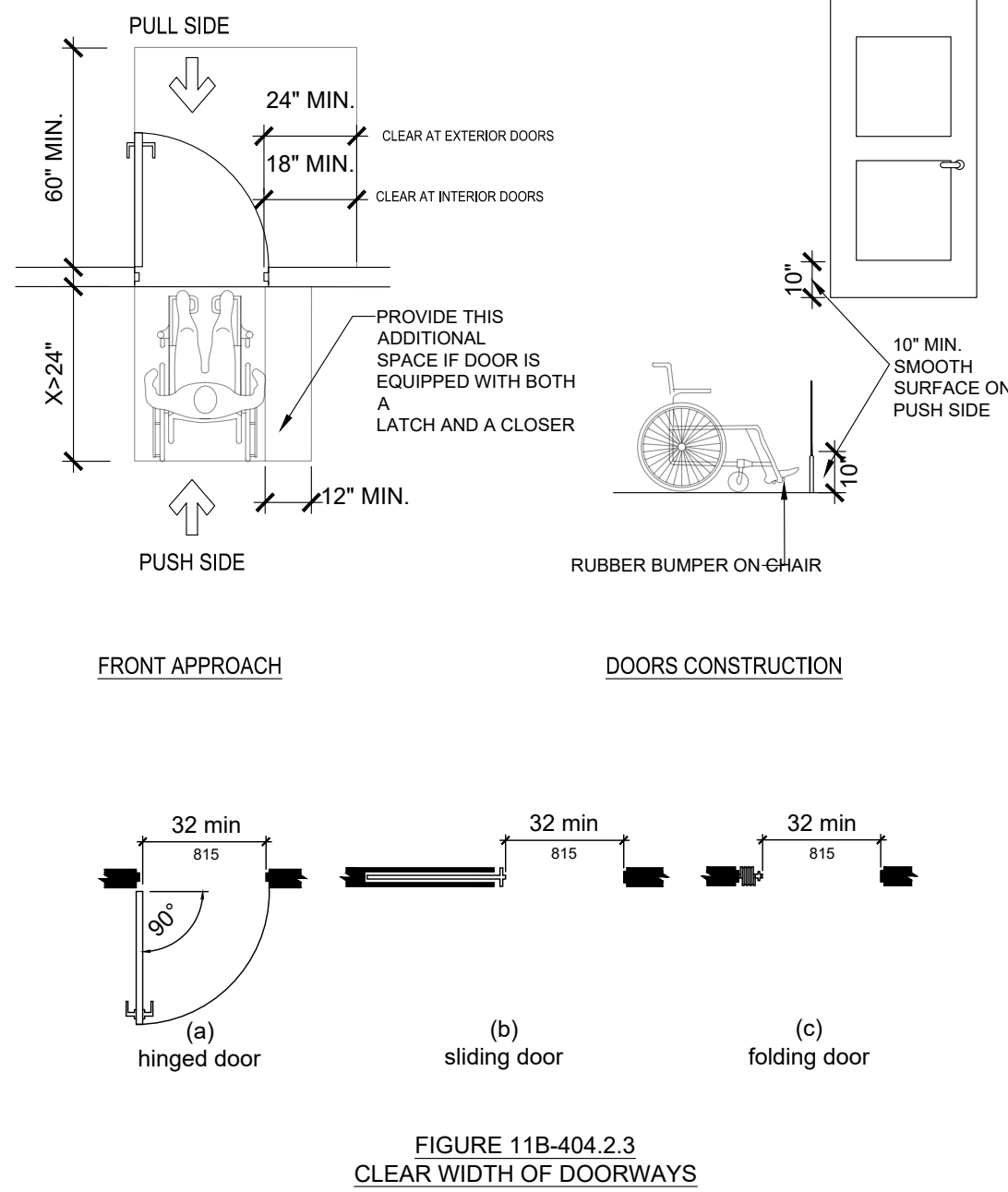
City of Long Beach
Electronic Plan Check

APPROVED
SHEET TITLE
ADA: DOORS AND MANEUVERING
SHEET NO.
T-3.0

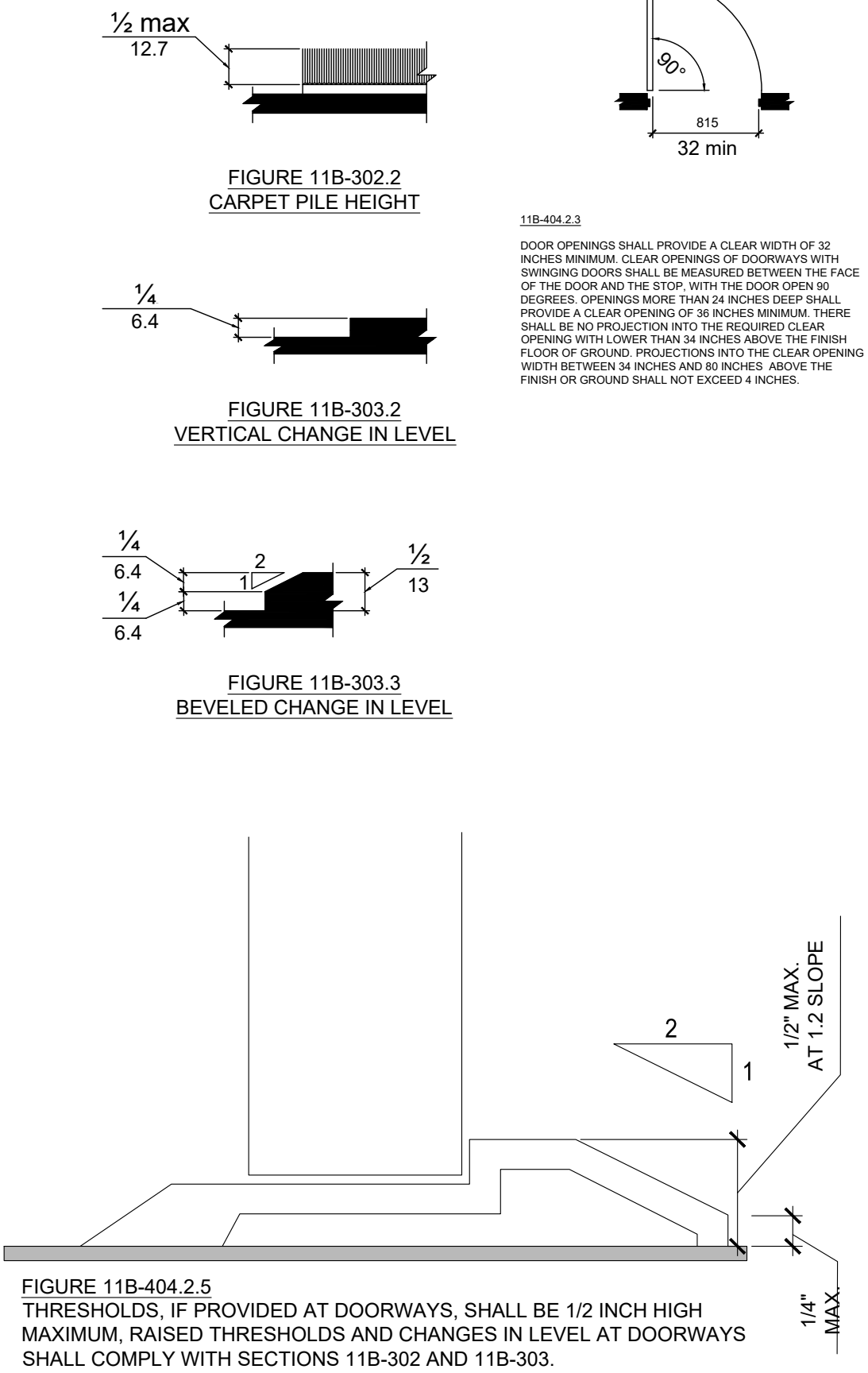
This construction document MUST be used by the City of Long Beach during construction. It is unlawful to alter, modify, or change this construction document without the written approval of the City agency or department. This approval is subject to field inspection for acceptance of the completed work or installation. The approval of this construction document SHALL NOT be held to permit or to be an excuse for the violation of any provisions of the municipal code or other ordinances of the City or laws and statutes of the State.



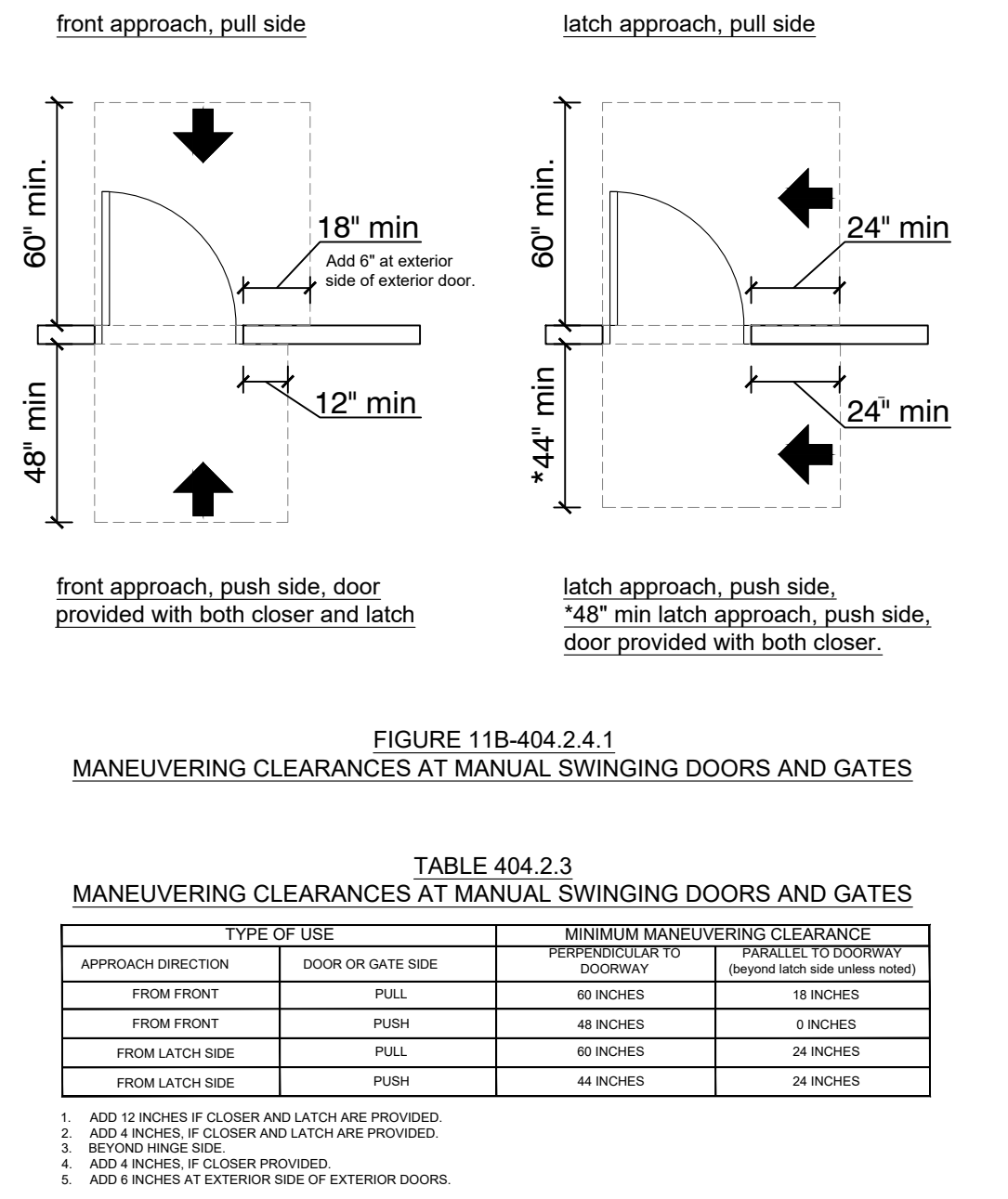
WHEELCHAIR PASSAGE WIDTH
DOOR & MANEUVERING SPACE
SCALE: NONE **05**



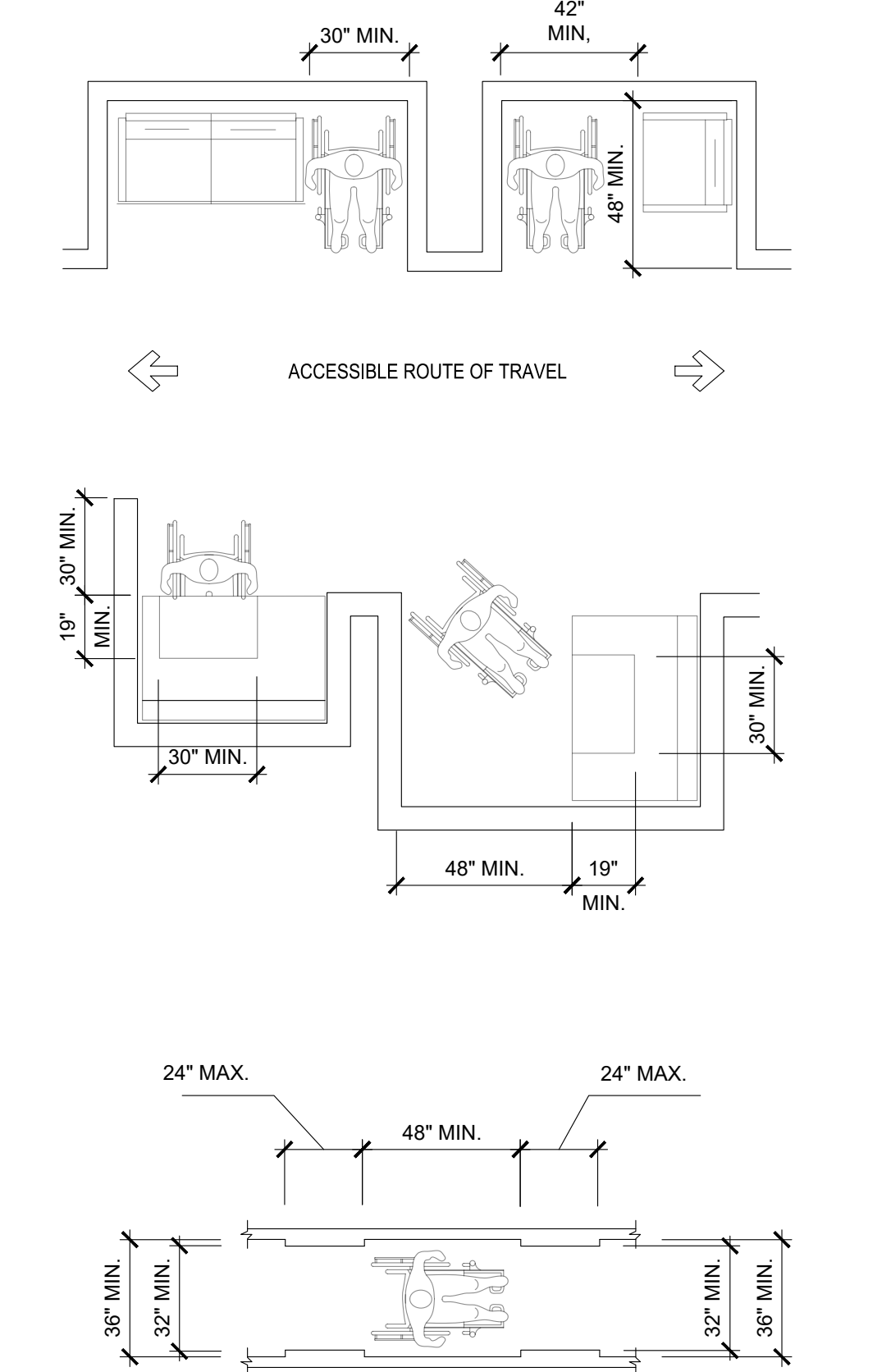
CLEAR WIDTH OF DOORWAYS
DOOR & MANEUVERING SPACE
SCALE: NONE **04**



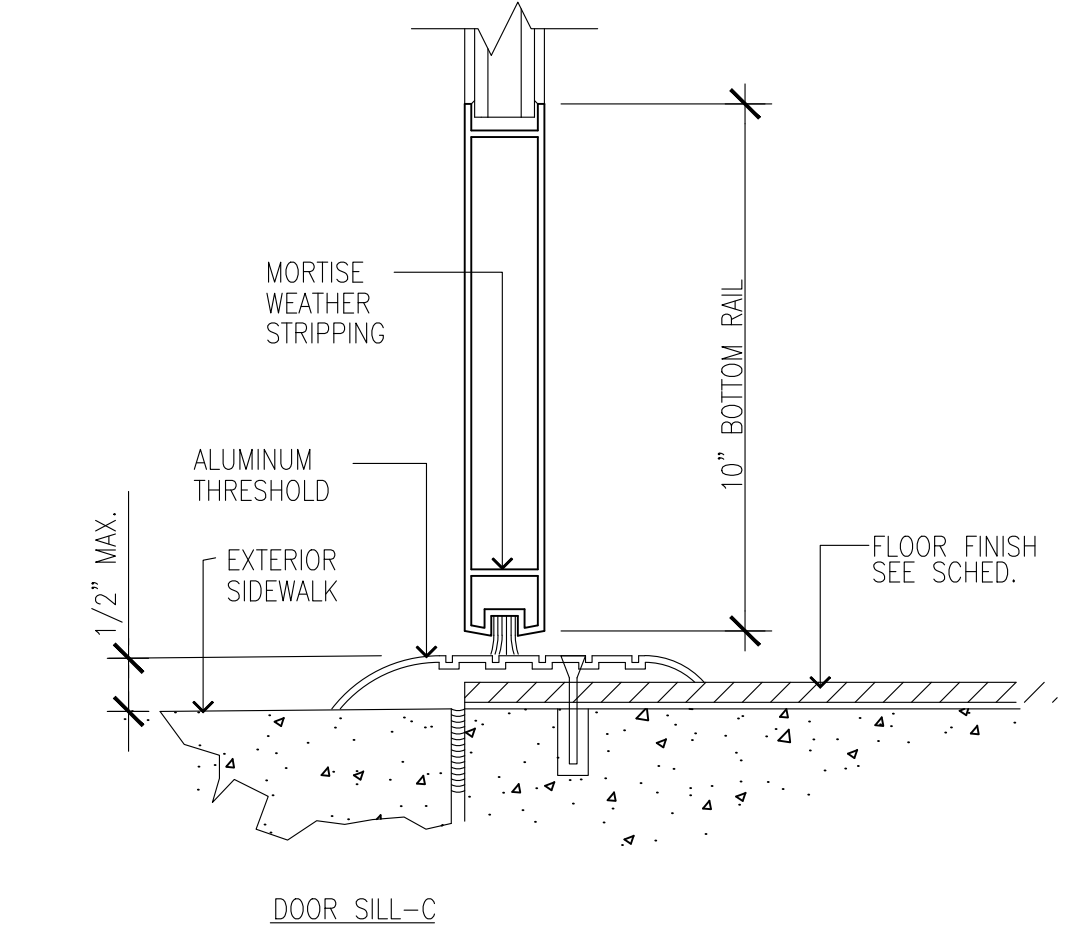
CHANGE IN LEVEL & THRESHOLDS
ACCESSIBLE ROUTES
SCALE: NONE **03**



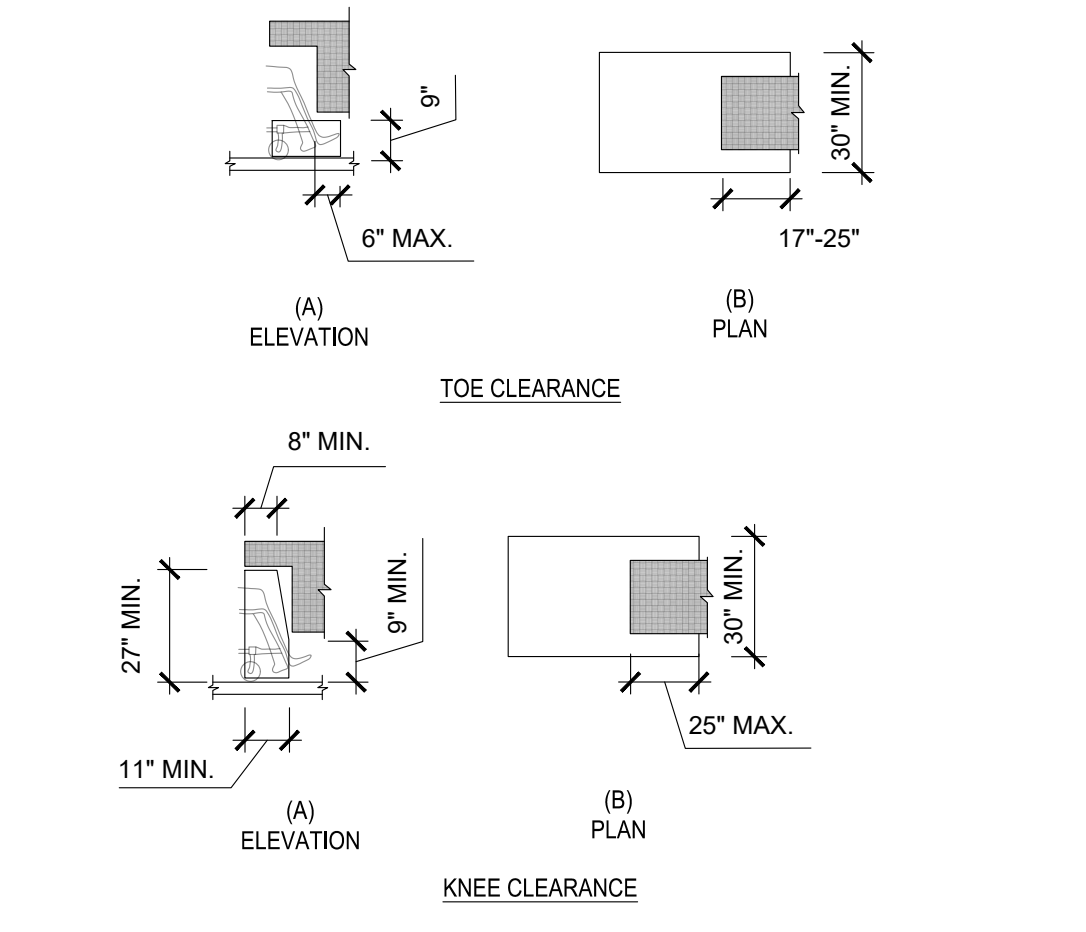
MANEUVERING CLEARANCES
DOORS & MANEUVERING SPACE
SCALE: NONE **03**



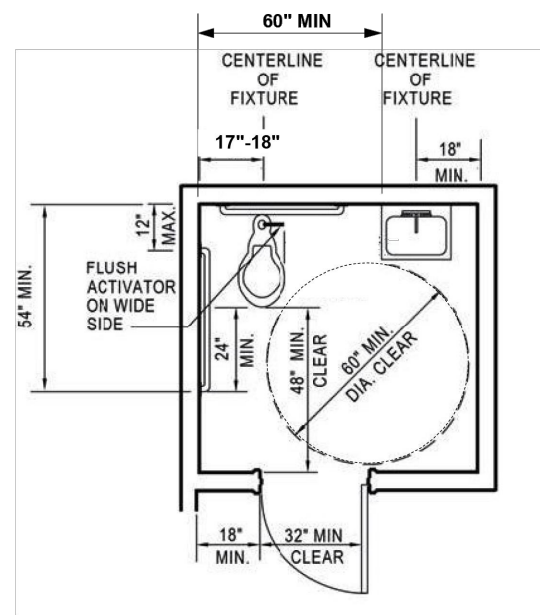
CLR. WIDTH OF ACCESSIBLE ROUTE
ACCESSIBLE ROUTE
SCALE: NONE **01**



EXTERIOR THRESHOLD
ACCESSIBLE ROUTE
SCALE: NONE **07**



TOE AND KNEE CLEARANCES
ACCESSIBLE ROUTE
SCALE: NONE **06**



SINGLE-ACCOMMODATION TOILET FACILITY

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-603.2.3)
Exceptions: (2) Where the toilet 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.

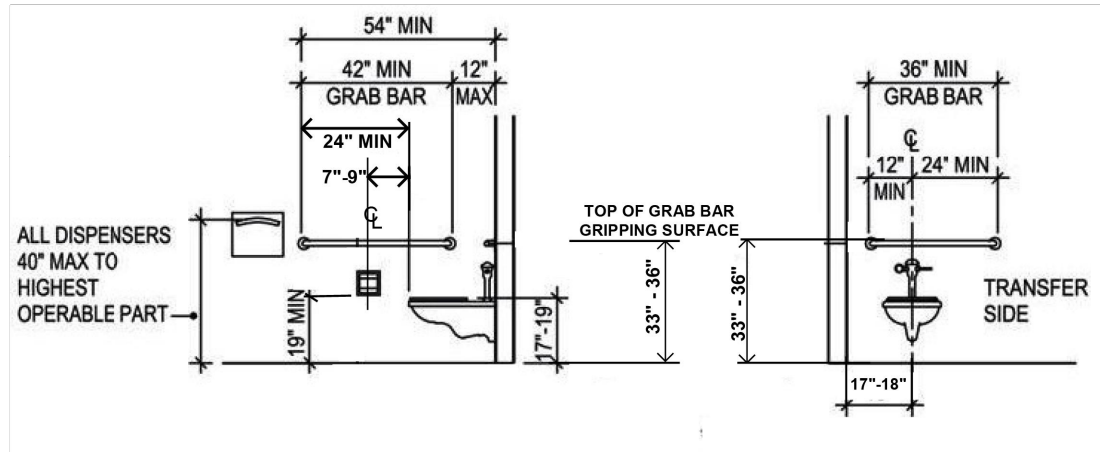


FIGURE 11B-604.7
DISPENSER OUTLET LOCATION

FIGURE 11B-604.5.2
REAR WALL GRAB BAR AT WATER CLOSETS

FIGURE 11B-604.5.1
SIDE WALL GRAB BAR AT WATER CLOSETS

SINK / URINAL

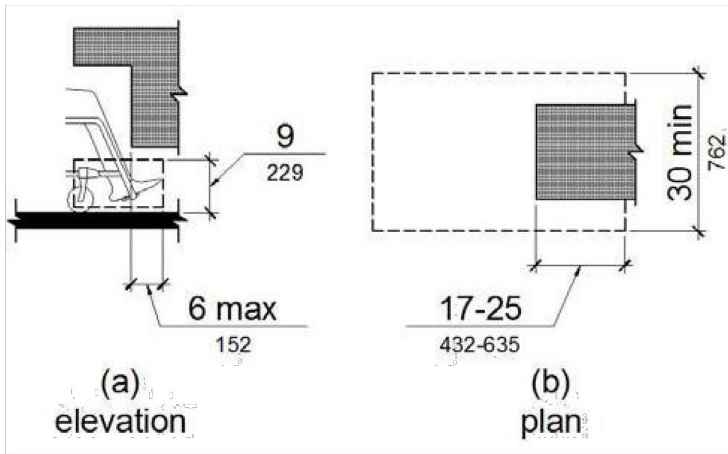


FIGURE 11B-306.2 - TOE CLEARANCE

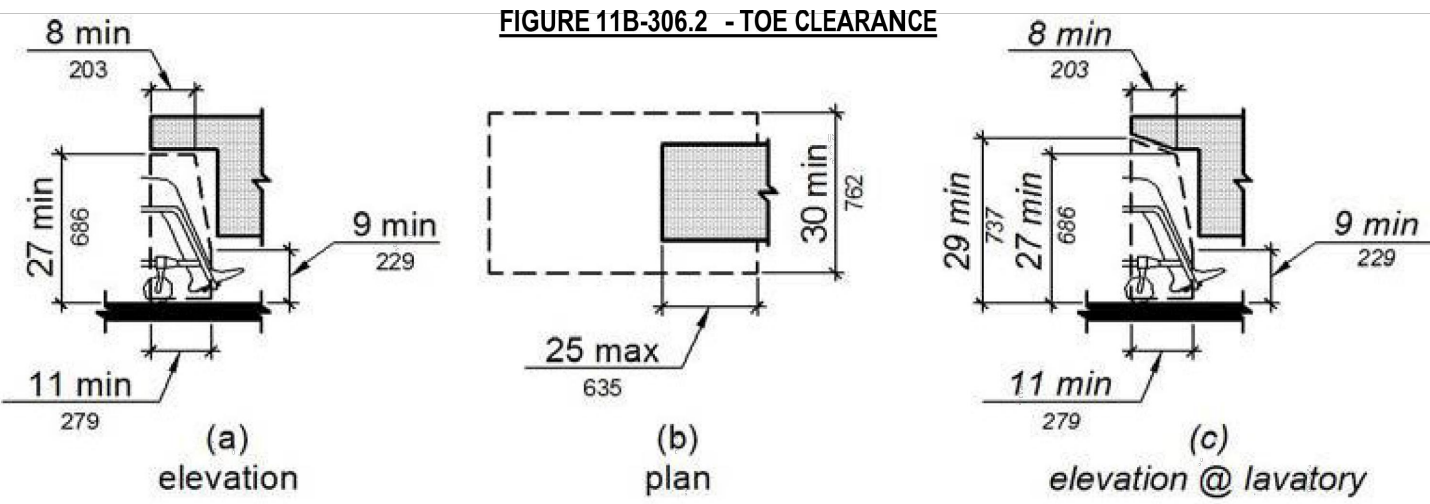


FIGURE 11B-306.3 - KNEE CLEARANCE

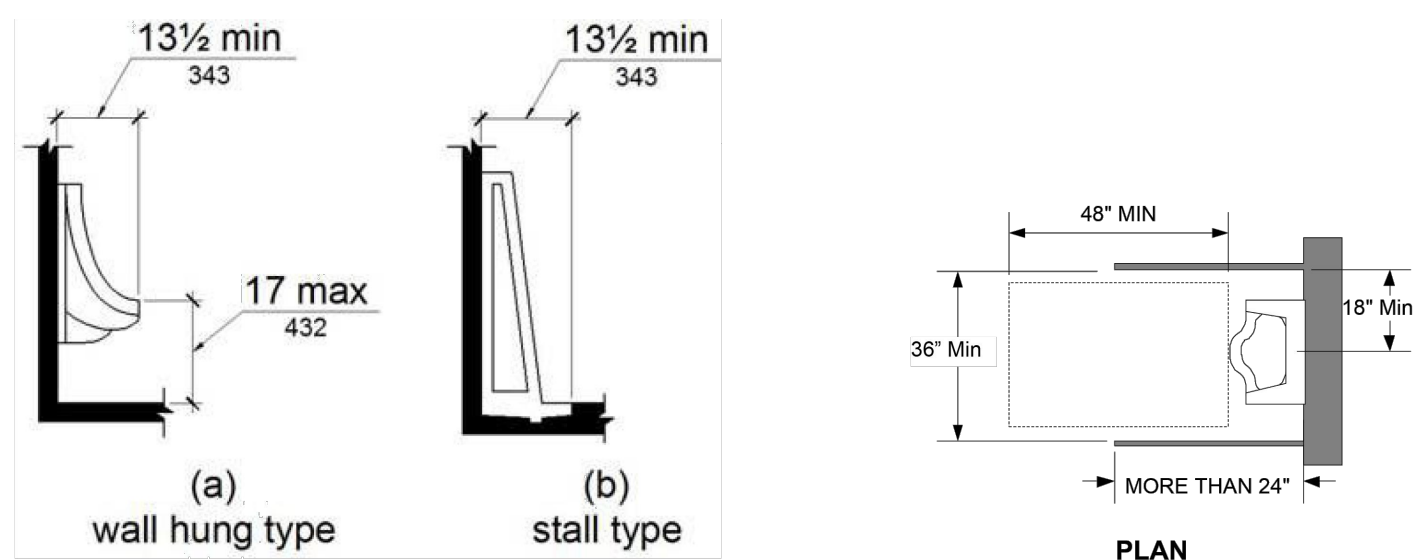


FIGURE 11B-605.2 - HEIGHT AND DEPTH OF URINALS

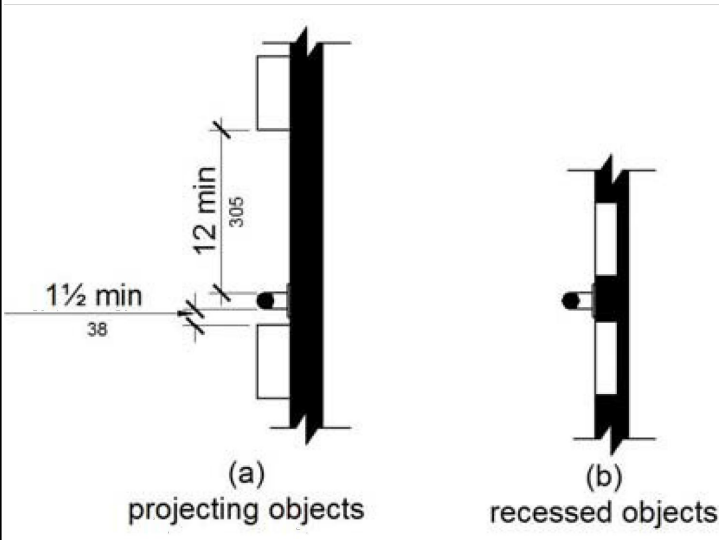


FIGURE 11B-609.3
SPACING OF GRAB BARS

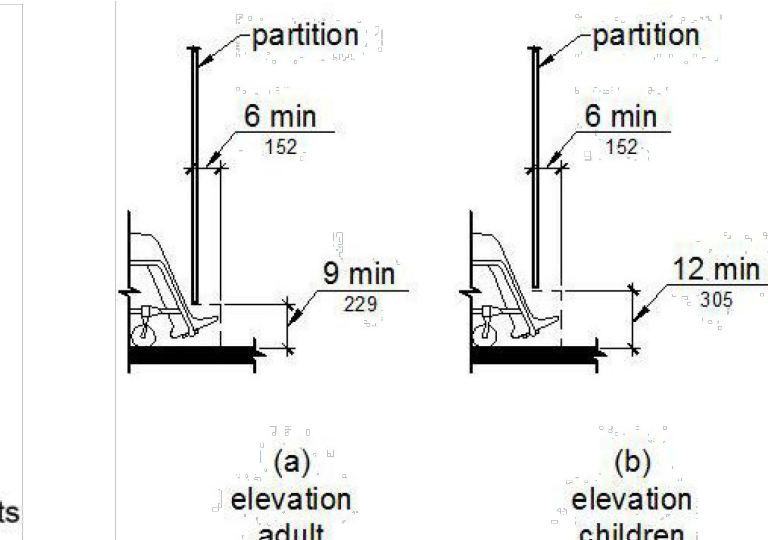


FIGURE 11B-604.2.1.4
WHEELCHAIR ACCESSIBLE TOILET COMPARTMENT TOE CLEARANCE

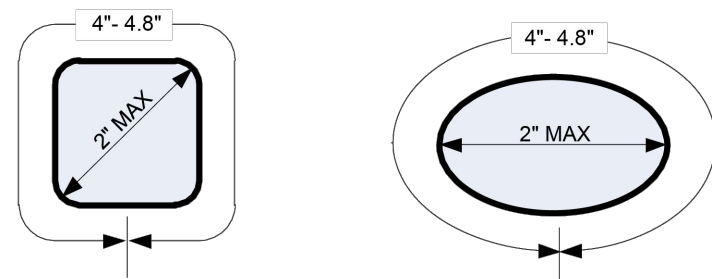


FIGURE 11B-609.2.2
GRAB BAR NON-CIRCULAR CROSS SECTION

DRINKING FOUNTAINS

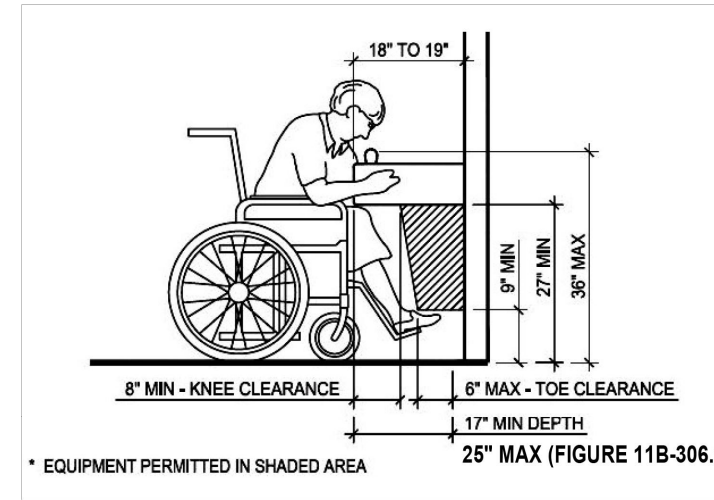
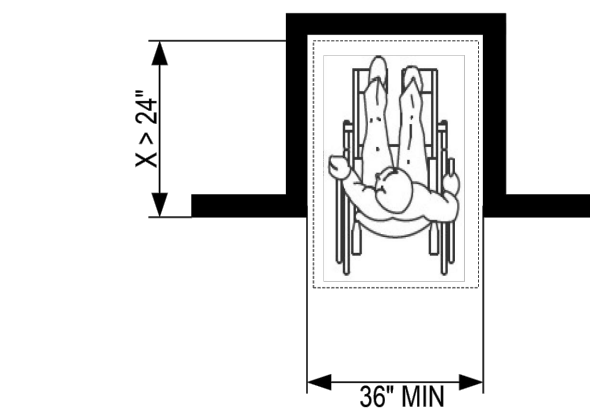


FIGURE 11B-305.7.1
MANEUVERING CLEARANCE IN AN
ALCOVE, FORWARD APPROACH



11B-602.6 WATER FLOW.
THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 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 OF 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-602.7 DRINKING FOUNTAINS FOR STANDING PERSONS.
SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

11B-602.9 PEDESTRIAN PROTECTION.
ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR OTHERWISE POSITIONED SO AS NOT TO ENCRUCH INTO PEDESTRIAN WAYS. THE PROTECTED AREA WITHIN WHICH A DRINKING FOUNTAIN IS LOCATED SHALL BE 32 INCHES WIDE MINIMUM AND 18 INCHES 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 VERTICALLY FROM THE FLOOR OR GROUND SURFACE.

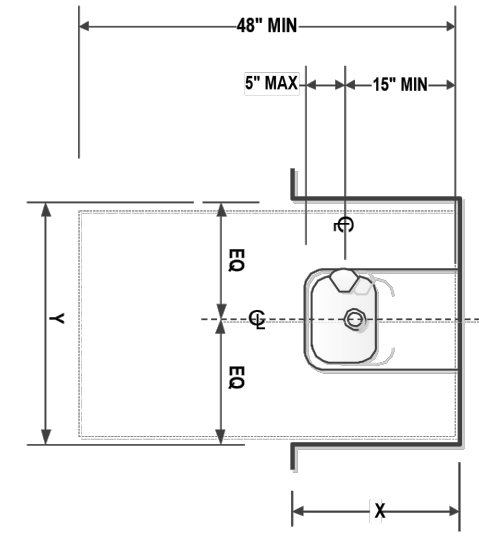
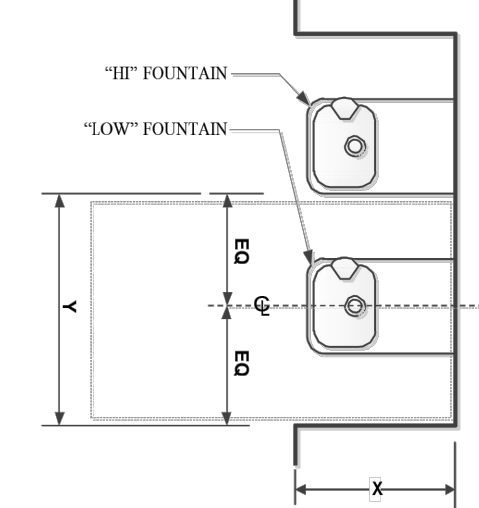


FIGURE 11B-602.5
DRINKING FOUNTAIN SPOUT LOCATION



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**

SINGLE ACCOMMODATION TOILET FACILITY
ACCESSIBILITY DETAILS FOR RESTROOM

SCALE: NONE

04

SINK/URINAL TOE/KNEE CLEARANCES
ACCESSIBILITY DETAILS FOR RESTROOM

SCALE: NONE

03

GRAB BAR SPACING
ACCESSIBILITY DETAILS FOR RESTROOM

SCALE: NONE

02

TOE/KNEE CLEARANCES AT DRINKING FOUNTAIN
ACCESSIBILITY DETAILS FOR DRINKING FOUNTAIN

SCALE: NONE

01

EDWIN MOHABIR

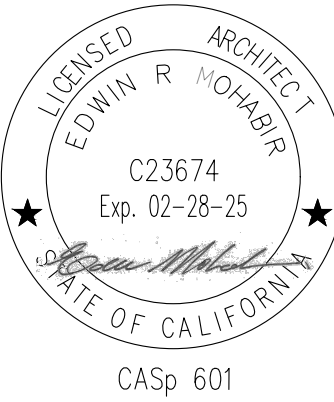
EM

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A PROJECT FOR:

Options For Youth
Public Charter Schools

6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:

LUPINE
CONSTRUCTION & DEVELOPMENT

715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE 06-02-24

ARCHITECT EM

CHECKED BY EM

DRAWN BY AA

PROJECT NO. -

SCALE AS NOTED

SHEET TITLE

APPROVED

**RESTROOMS AND
DRINKING FOUNTAINS**

This construction document is for the use of the City of Long Beach. It is not to be used for any other project. It is the responsibility of the user to obtain the necessary approvals from the appropriate City agency or department. This approval is subject to field inspection for acceptance of the completed work or installation. The approval of this construction document SHALL NOT be held to permit or to be a defense against the violation of any provisions of the municipal code or other ordinances of the City or laws and statutes of the State.

T-3.1

ACCESSIBILITY DETAILS FOR SIGNS



FIGURE 11B-703.7.2.1
INTERNATIONAL
SYMBOL OF
ACCESSIBILITY
(ISA)

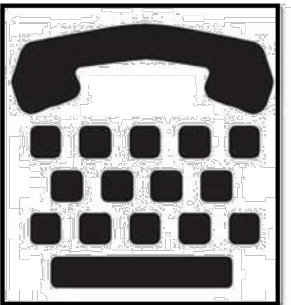


FIGURE 11B-703.7.2.2
INTERNATIONAL SYMBOL
OF TTY

The International Symbol of Accessibility shall comply with Figure 11B-703.7.2.1. The symbol shall consist of a white figure on a blue background. The blue shall be FS 15090 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 show in Figure 11B-703.7.2.3



FIGURE 11B-703.7.2.3
VOLUME CONTROL
TELEPHONE

Assistive listening systems. Assistive listening systems shall be identified by the International Symbol of Access for Hearing Loss complying with Figure 11B-703.7.2.4

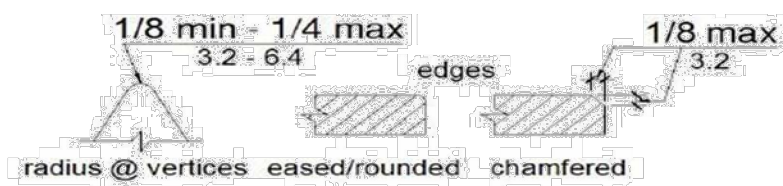


FIGURE 11B-703.7.2.6.4
EDGES AND VERTICES ON GEOMETRIC SYMBOLS

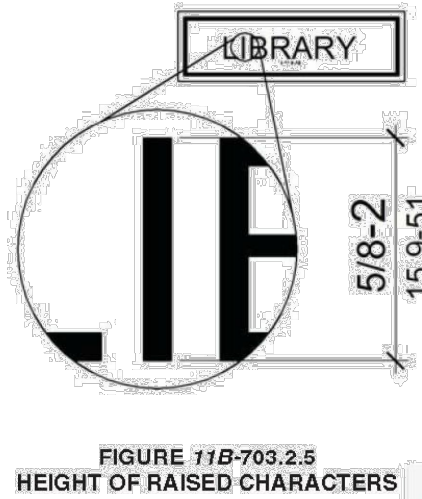


FIGURE 11B-703.2.5
HEIGHT OF RAISED CHARACTERS

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

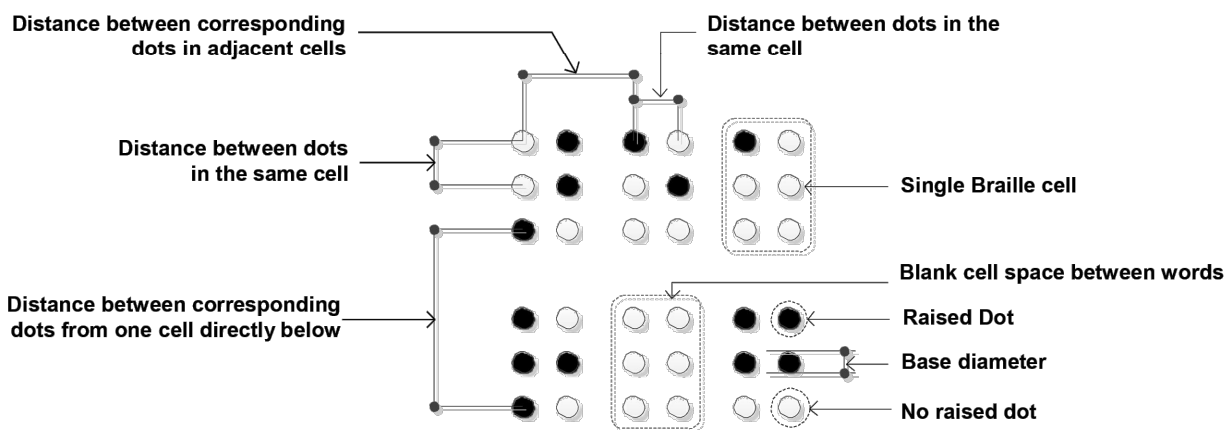
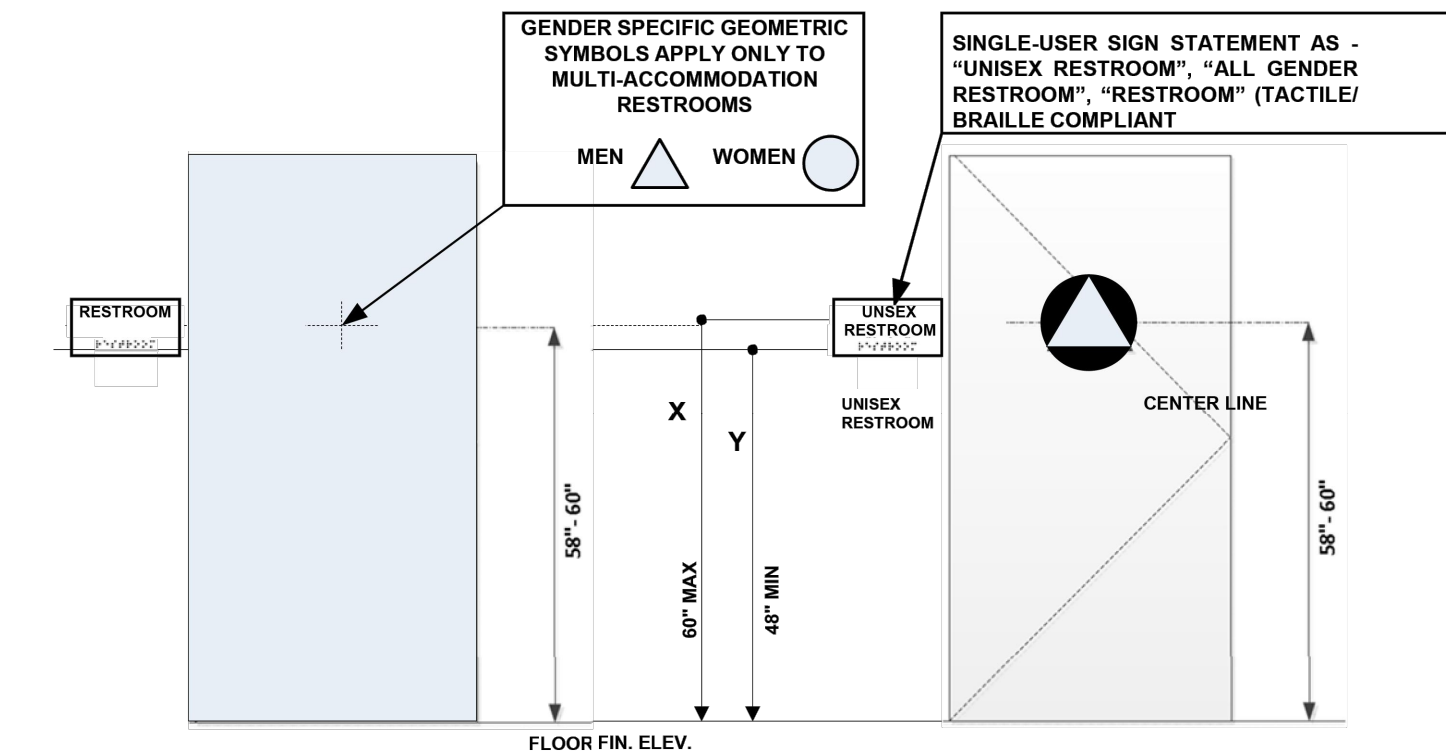


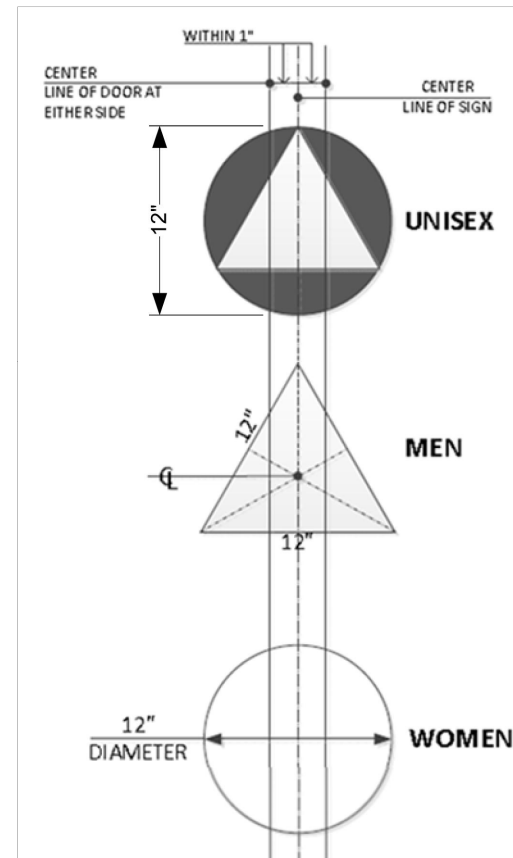
FIGURE 11B-703.3.1
BRAILLE MEASUREMENT

TOILETS AND BATHING FACILITIES GEOMETRIC SYMBOLS



NOTE: PICTOGRAMS NOT REQUIRED

The provisions of CBC Chapter 11B require that a sanitary facility that is not specifically identified as for "men" or "women" (referred to in Chapter 11B as a "unisex" facility) have a geometric symbol on the door that is an equilateral triangle superimposed onto a circle. The "unisex" symbol is the only specific indicator required to be provided by Chapter 11B for a toilet facility that is available for use by all individuals. No pictogram, text, or braille is required on the symbol. (See attachment, Exhibit A.)



TACTILE / RAISED CHARACTER & GD-II 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-703.4.1.1

IDENTIFICATION OF ALL GENDER SINGLE-USER TOILET FACILITIES
Compliant with the California Building Code (CBC) Chapter 11B

EXHIBIT A - Door Symbol (required by the CBC)

This image represents the door symbol that is required by CBC 11B-216.8 to identify an all-gender/unisex single-user toilet facility. The symbol must comply with the requirements of CBC 11B-703.7.2.6.3. No pictogram, text, or braille is required on the symbol.

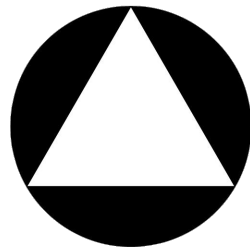
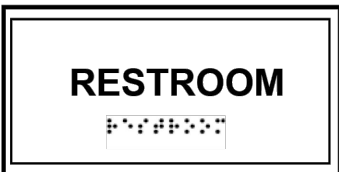


EXHIBIT B - Designation sign on wall

Designation signs are not required to be provided by the CBC or the 2010 ADAS. If provided, a designation sign adjacent to the door must comply with the scoping requirements of CBC 11B-216.2, and the technical requirements for raised characters (CBC 11B-703.2), braille (CBC 11B-703.3), visual characters (CBC 11B-703.5), and requirements for installation height and location (CBC 11B-703.4). No pictogram is required. The following signs illustrate acceptable examples for designation sign text:



EDWIN MOHABIR

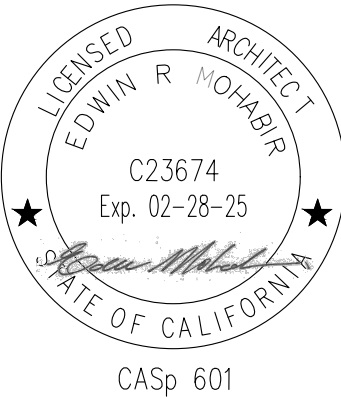
EM

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25206 BISHOP CT.

STEVENSON RANCH, CA 91381

tel: 323-4598809 . edwinmohabir@gmail.com



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CLIENT:



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COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE 06-02-24

ARCHITECT EM

CHECKED BY EM

DRAWN BY AA

PROJECT NO. -

SCALE AS NOTED

City of Long Beach
Electronic Permitting

APPROVED FOR CONSTRUCTION

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1-3.2

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 5400.142H 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 - EXCELON (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 US32D

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. 1- ALARM CONTROLS AC600S MAGLOCKKIT PUSH BAR
2. 1-ALARM CONTROLS REB1 REQUEST-TO-EXIT PUSH BAR
3. 1 - CAMDEN CMPTS-14 DOOR CONTROL POWER TRANSFER CABLE
4. 1 - IEI IE212ICMB2 OUTDOOR KEYPAD
5. 1 - LINEAR DXSR1503 WIRELESS RECEIVER
6. 3 - LINEAR DXT23 3-BUTTON WIRELESS TRANSMITTER
7. 2 - ASRB RELAYS
8. 1 - YUASA 12V, 7AH RECHARGEABLE GEL CELL BATTERY
9. 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 ROPS W/ 4" BACKSLASH

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. 1- 36" GRAB BAR
2. 1- 42" GRAB BAR
3. 1 - 1-FEMININE DISPENSER
4. 1 - T.P. HOLDER
5. 1 - TOILET SEAT COVER DISPENSER
6. 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 CRF300 ADDRESSABLE CONTROL RELAYS
7. FIRELITE CELL-CAB-FL CELLULAR TRANSMITTER
8. SYSTEM SENSOR SPSCLR 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:

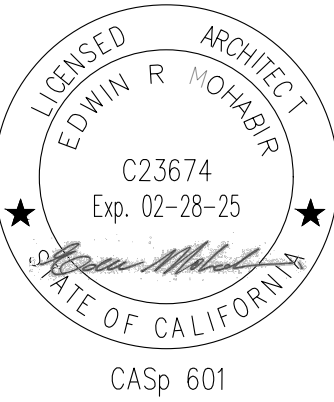
1. PT1 - ANTIQUE WHITE SW6119 -
LOCATION: TUTORING, SGI ROOM 4, CURRICULUM OFFICE, RECEPTION OFFICE, REGISTRATION OFFICE, LOBBY, PRINCIPAL OFFICE, SGI ROOM 1, ASSISTANT PRINCIPAL OFFICE, SGI ROOM 2, SGI ROOM 3, OPEN OFFICE
2. PT2 - CORNFLOWER DE5864 -
LOCATION: SGI ROOM 4, CURRICULUM OFFICE, RECEPTION 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 DE5215
LOCATION:
4. PT4 - SOUR APPLE DE5507
LOCATION:
5. PT5 - TWILIGHT TAUPE DE6060
LOCATION: UNISEX RESTROOM, IT ROOM
6. PT6 - UNTAMED ORANGE DEA110
LOCATION:
7. PT7 - GLITZY RED DEA153
LOCATION:

EDWIN MOHABIR

EM

ARCHITECT, INC.

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



A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE	06-02-24
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CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

City of Long Beach
Electronic Plan Check

SHEET TITLE

APPROVED

OFY & OFL
SPECIFICATIONS
SHEET NO.
T-4.0

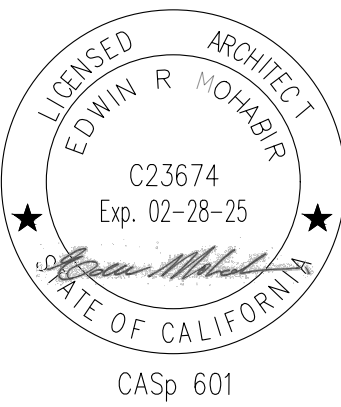
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SHEET TITLE
APPROVED

SITE PLAN

PATH OF TRAVEL

NO

SHEET NO.

A-1.0

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ACCESSIBLE ROUTE AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING $\frac{1}{4}$ " IF BEVEL AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING $\frac{1}{4}$ " 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 ROUTE 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".

508.4.2 Allowable building area.

In each story, the building area shall be such that the sum of the ratios of the actual building area of each separated occupancy divided by the allowable building area of each separated occupancy shall not exceed 1.

$$\frac{3445}{9000} + \frac{5603}{9500} = 0.38 + 0.59 = 0.97 < 1$$

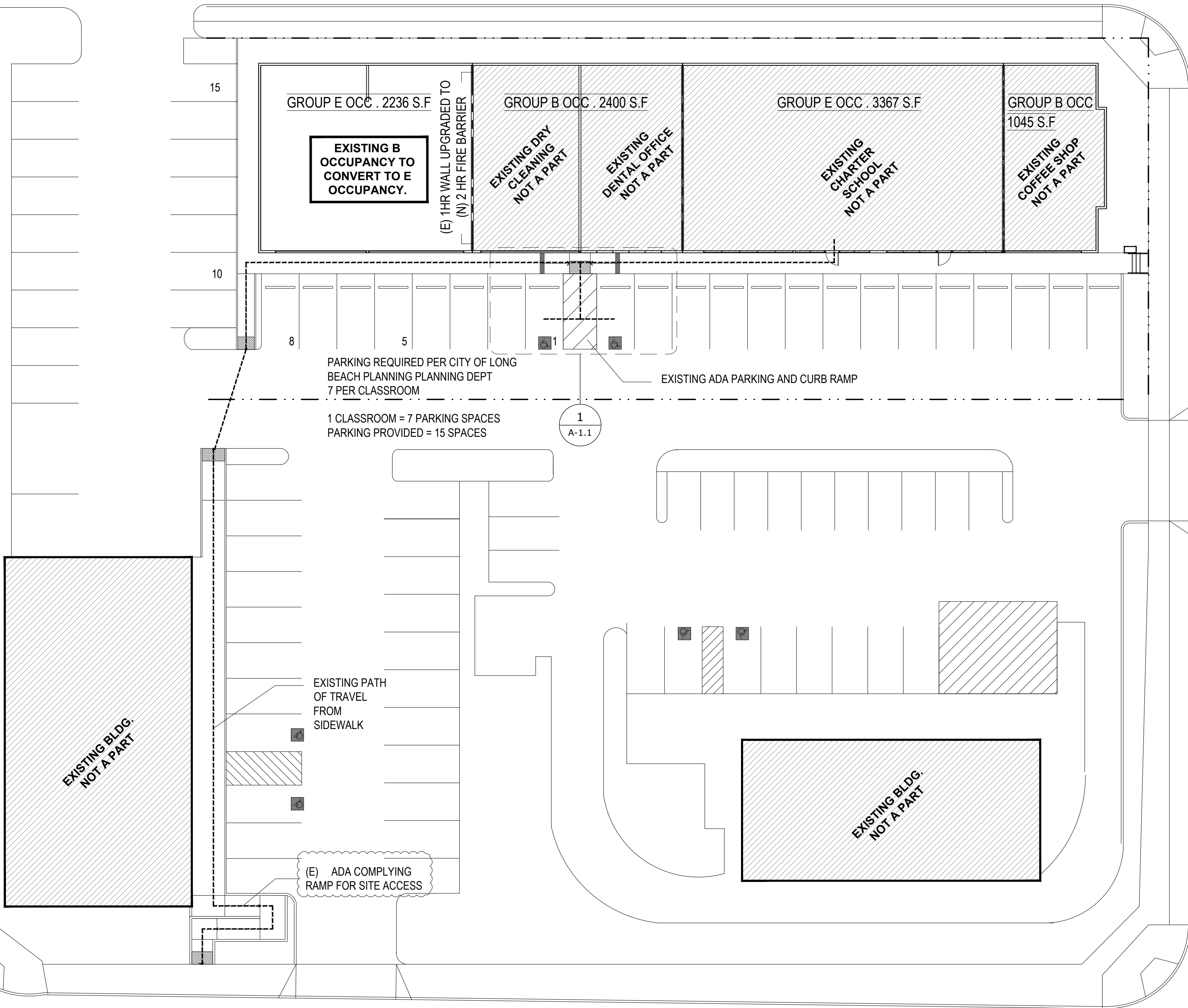
Area OK.

PER CBC TBL: 506.2 ALLOWABLE
AREA BY OCCUPANCY GROUP:
FOR A NON SPRINKLER BLDG:
GROUP B OCCUPANCY 9000 S.F
GROUP E OCCUPANCY 9500 S.F

EXISTING BUILDING AREA 9048 S.F

EIXSTING FLOOR AREA BY OCC.
GROUP B (2400+1045) 3445 S.F
GROUP E (3367+2236) 5603 S.F

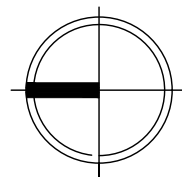
SCHILLING AVE.



CHERRY AVE.

6608 CHERRY AVE- SITE PLAN

SCALE: 1/16" = 1'-0"



North

EAST ARTESIA BLVD.

Planning Approval- caholle
Cara Dent
11/07/2024 1:40:58 PM

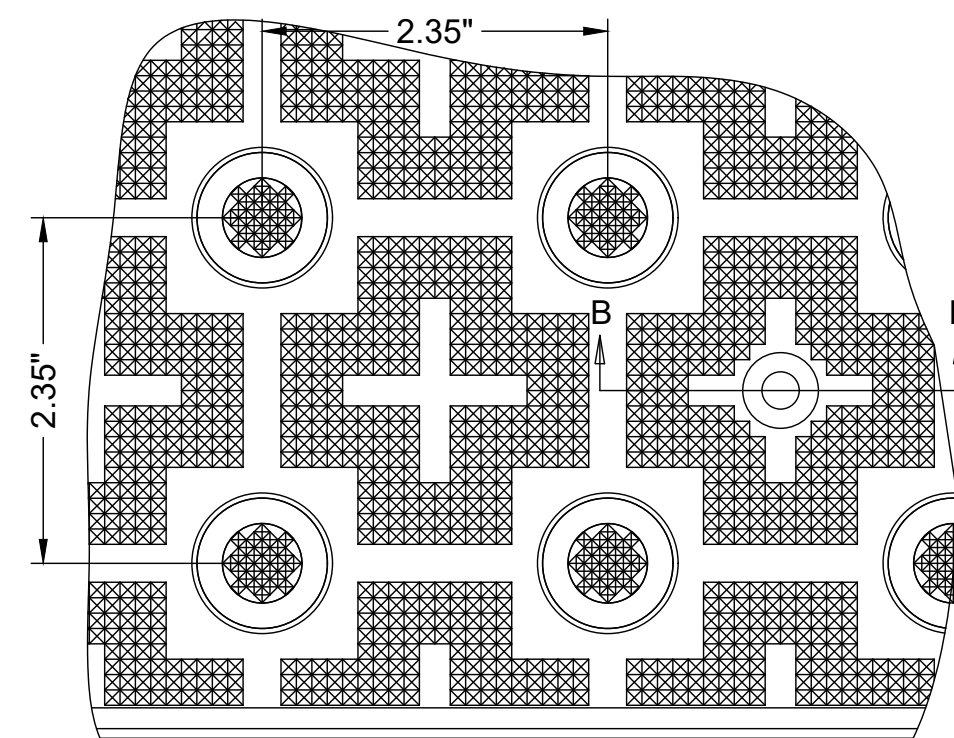
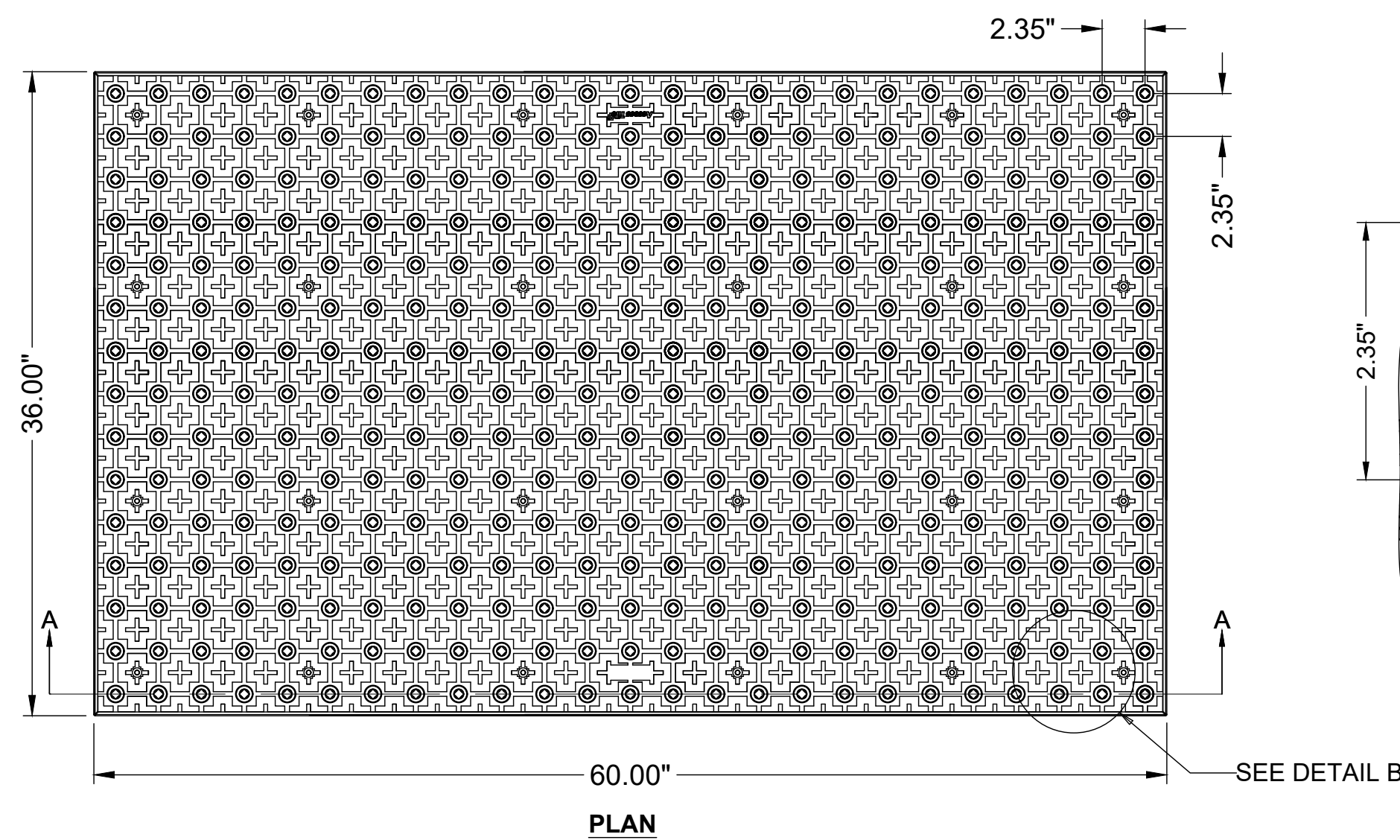
This project is subject to the state's disabled access and adaptability requirements. Include the following statement on the plans signed by the design professional of record: (CCR, Title 24, Pt 2 Section 1.9.1 & CBC 11B-206)

I certify that the primary path of travel to the specific area of alteration, structural repair or addition from the public way or accessible parking space as indicated on the plans does not include steps or a slope exceeding 1:20 except where access is provided by a ramp with 1:12 maximum slope, accessible elevator or otherwise granted by an unreasonable hardship exemption. I understand that if the primary path of travel is found not to be as indicated, significant delays may result.

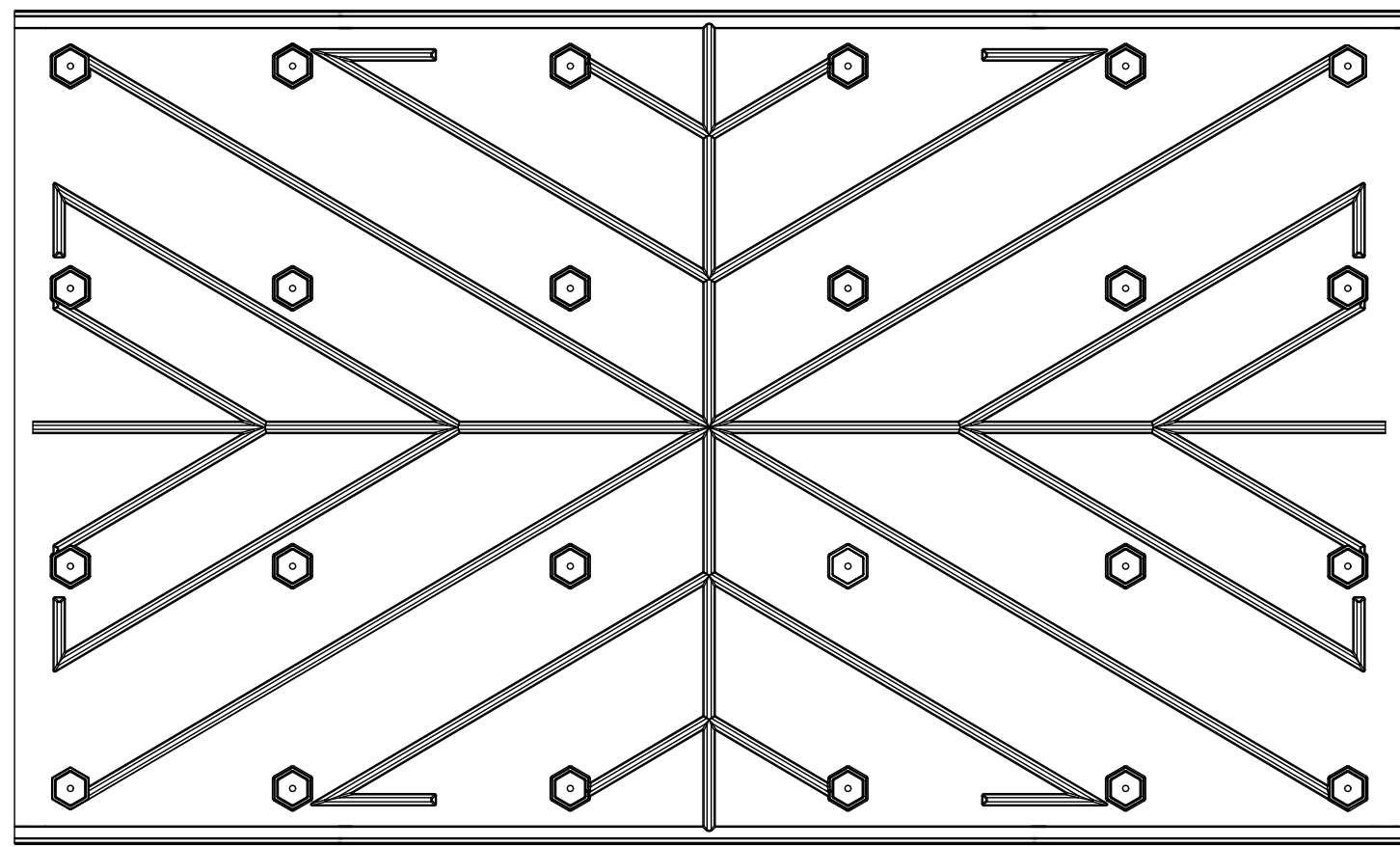
Furthermore, I certify that these plans were prepared under my direct supervision and that the area of specific alteration, structural repair or addition, including a primary entrance to the existing building and, when applicable, sanitation facilities, drinking fountains, signs and public telephones serving the area complies with current CA Title 24 Accessibility requirements.

Signature
EDWIN MOHABIR
Print Name

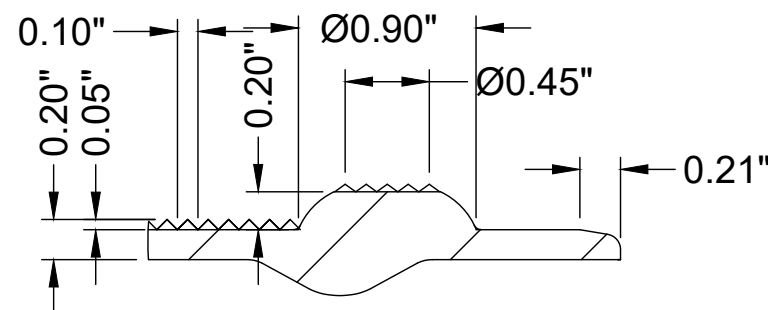
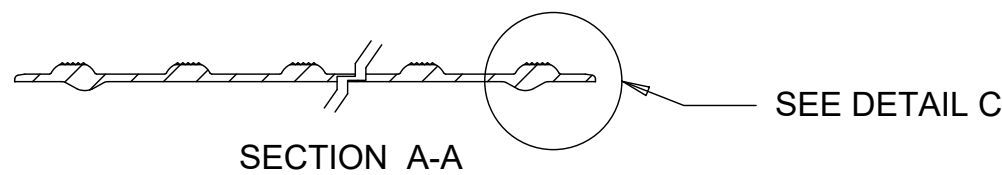
Architect
Title
02-01-2024
Date



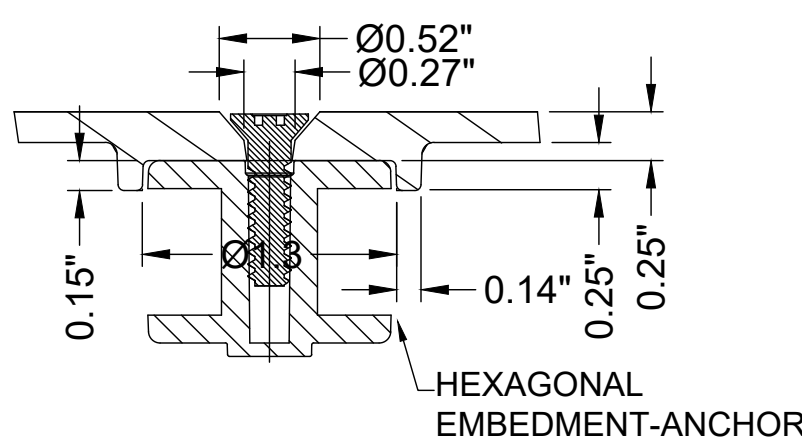
DETAIL B



UNDERSIDE VIEW



DETAIL C



SECTION B-B

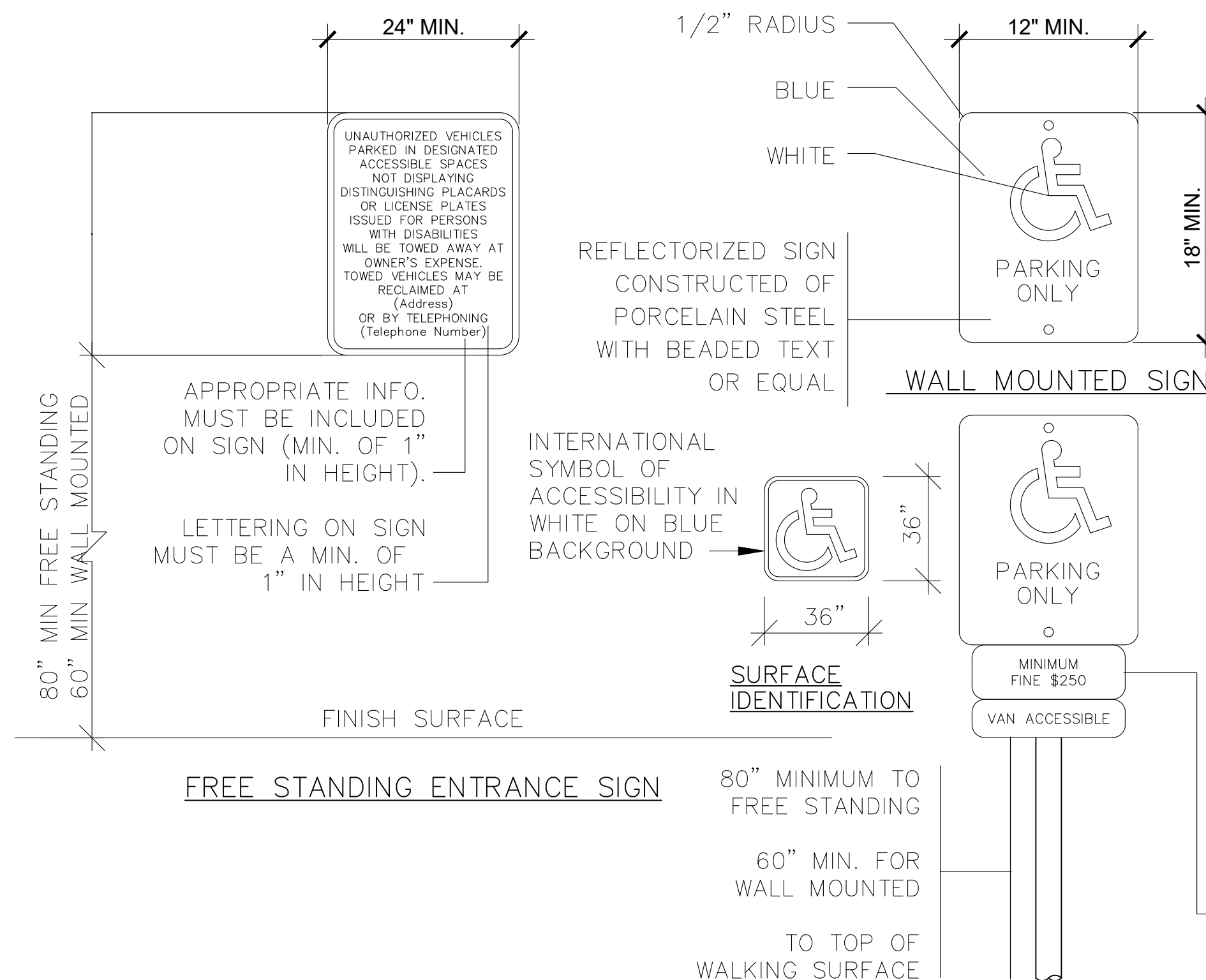
REPLACEABLE CAST IN PLACE
TRUNCATED DOME, DETECTABLE
WARNING TACTILE SURFACE

3 DETECTABLE WARNING DETAIL

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

1 EXISTING ADA COMPLYING PARKING STALL

Scale: 3/8"=1'-0"



2 ACCESSIBLE PARKING SIGNS

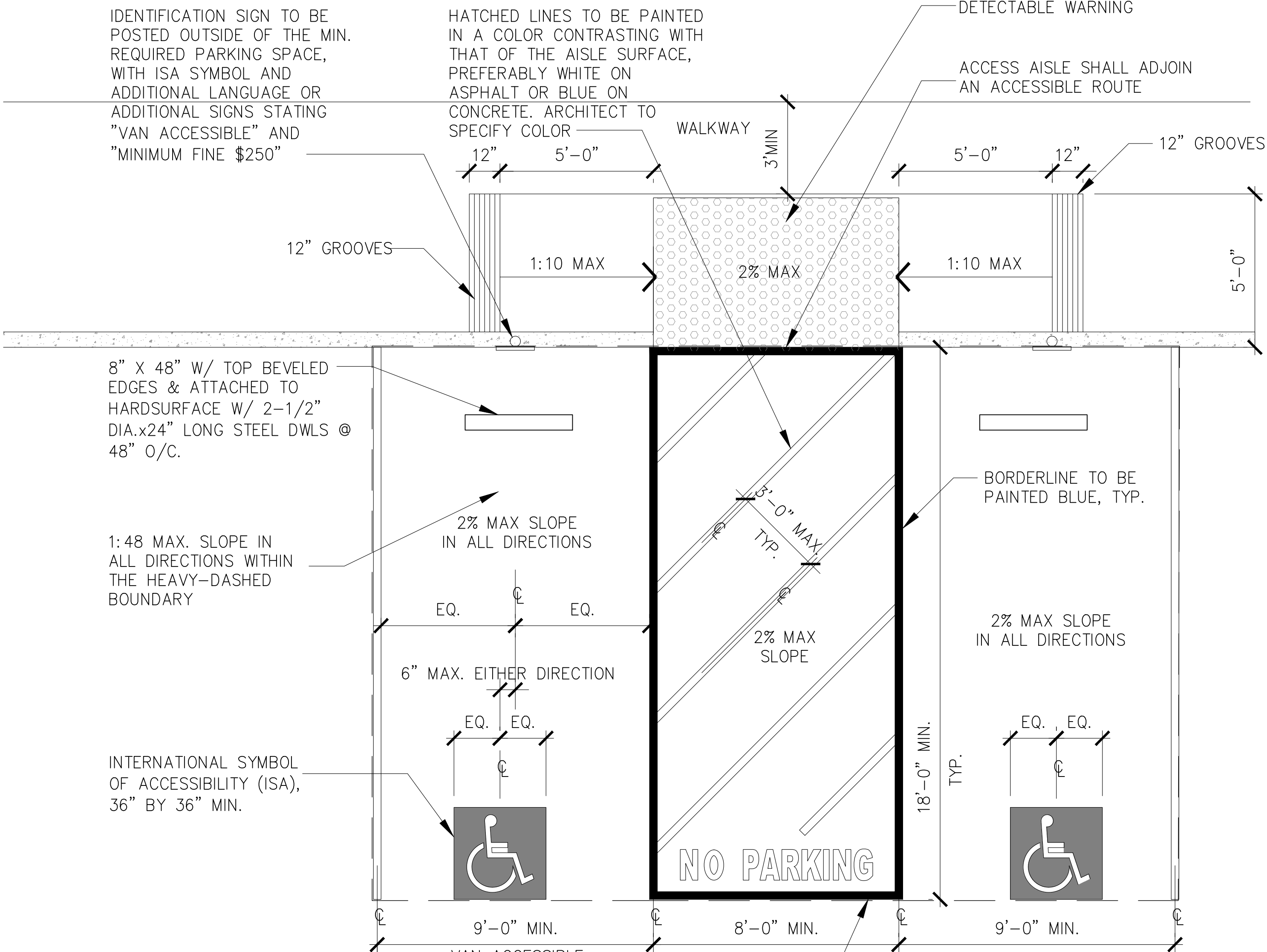
2

IDENTIFICATION SIGN TO BE
POSTED OUTSIDE OF THE MIN.
REQUIRED PARKING SPACE,
WITH ISA SYMBOL AND
ADDITIONAL LANGUAGE OR
ADDITIONAL SIGNS STATING
"VAN ACCESSIBLE" AND
"MINIMUM FINE \$250"

HATCHED LINES TO BE PAINTED
IN A COLOR CONTRASTING WITH
THAT OF THE AISLE SURFACE,
PREFERABLY WHITE ON
ASPHALT OR BLUE ON
CONCRETE. ARCHITECT TO
SPECIFY COLOR

DETECTABLE WARNING

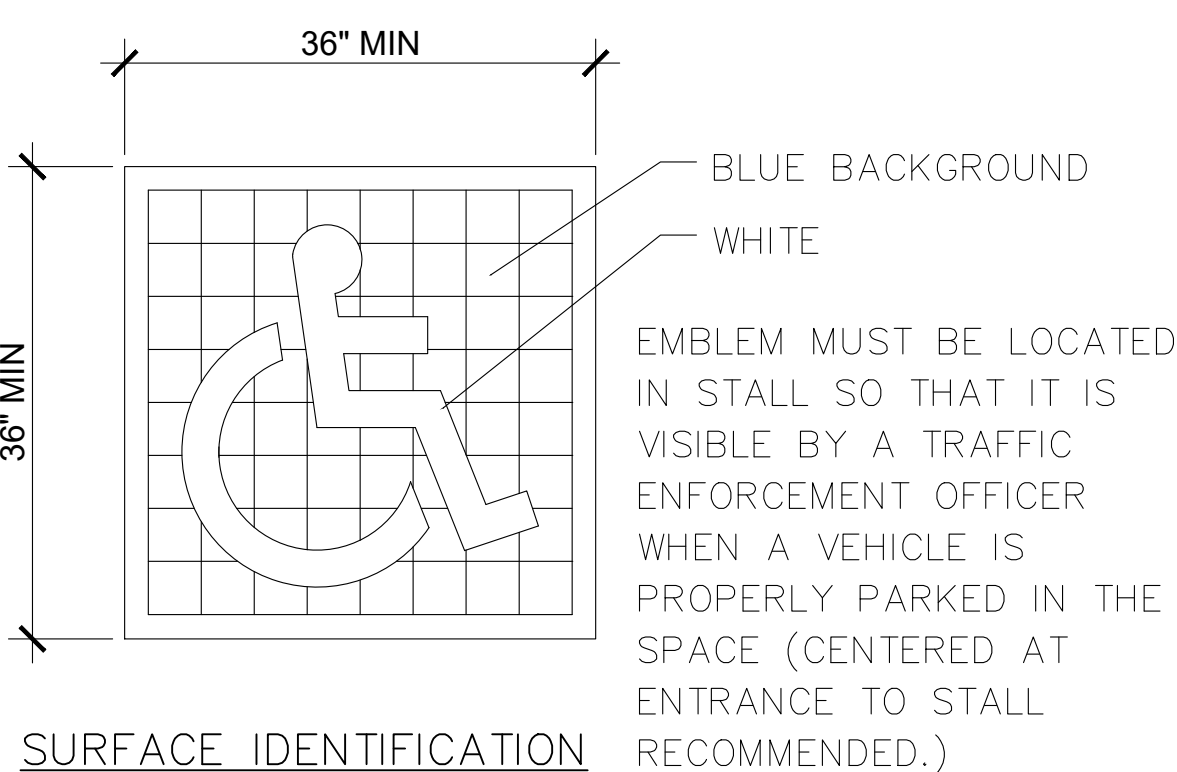
ACCESS AISLE SHALL ADJOIN
AN ACCESSIBLE ROUTE



ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL NOT OVERLAP
MIN. REQUIRED CLEAR WIDTH OF VEHICULAR WAYS OR FIRE LANES

1 EXISTING ADA COMPLYING PARKING STALL

Scale: 3/8"=1'-0"



SURFACE IDENTIFICATION

VAN ACCESSIBLE SIGN

NOTE:
SIGN TO BE CENTERED AT THE INTERIOR
END OF PARKING SPACE.

AREA OF SIGN TO BE A MINIMUM OF
70 SQUARE INCHES.

DESIGNATE FOR "VAN ACCESSIBLE" WHEN
APPROPRIATE.

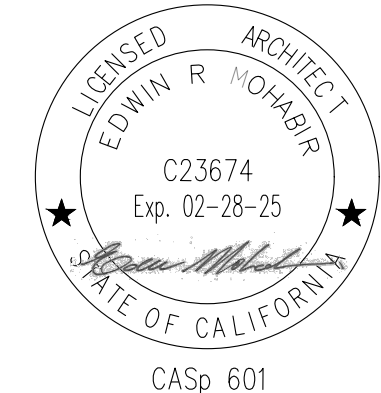


SIGNAGE AND IDENTIFICATION OF SPACES:

- 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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A PROJECT FOR:

Options For Youth
Public Charter Schools

6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:

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

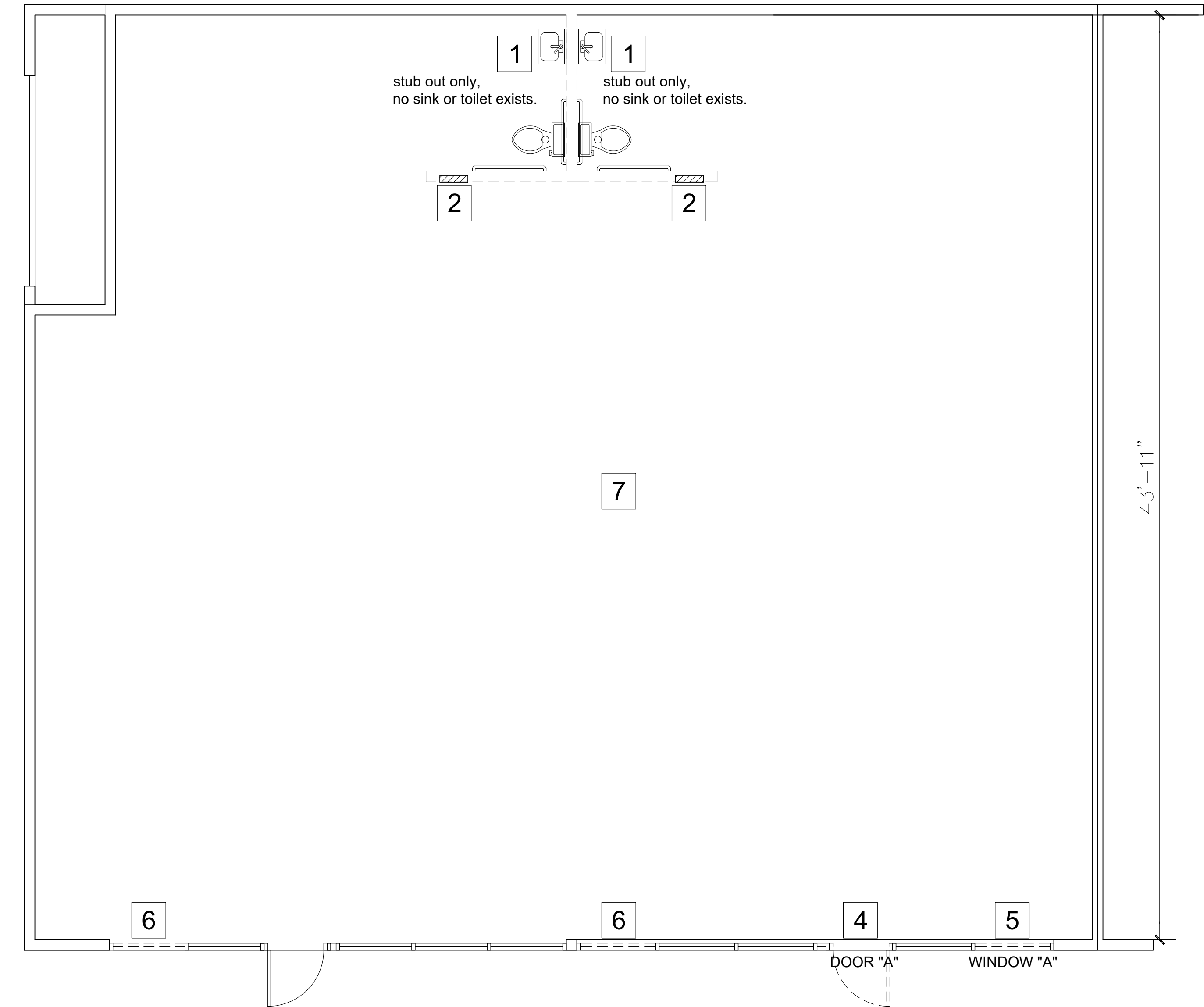
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CONDITIONS
ADA PARKING
SHEET NO.
A-1.1

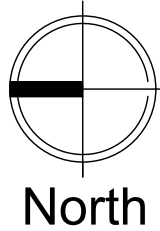
Scale: N.T.S.



- SCOPE OF DEMOLITION WORK:
1. REMOVE (E) WALLS AND RELOCATE PLUMBING LINES.
 2. REMOVE AND RELOCATE (E) ELECTRICAL PANELS.
 3. DEMO ALL (E) T-BAR CEILING AND LIGHT FIXTURES.
 4. REMOVE (E) STOREFRONT DOOR "A" AND REPLACE WITH RELOCATED STOREFRONT WINDOW "A"
 5. REMOVE AND RELOCATE STOREFRONT WINDOW "A", REPLACE WITH (E) STOREFRONT DOOR "A" AND SIDE PANEL TO MATCH EXISTING STOREFRONT DOORS.
 6. REMOVE EXISTING STOREFRONT WINDOW AND REPLACE WITH NEW STOREFRONT ENTRY DOOR.
 7. REMOVE ALL (E) VINYL FLOORING.

1 As-Built/Demo Floor Plan

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



WALL LEGEND

EXISTING WALL TO REMAIN

WALL TO BE REMOVED

DOOR TO BE REMOVED AND RELOCATED

EDWIN MOHABIR

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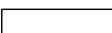
APPROVED

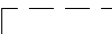
AS-BUILT/DEMO FLOOR PLAN

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SHEET NO. A-2.0

WALL LEGEND

 EXISTING WALL TO REMAIN

 WALL TO BE REMOVED

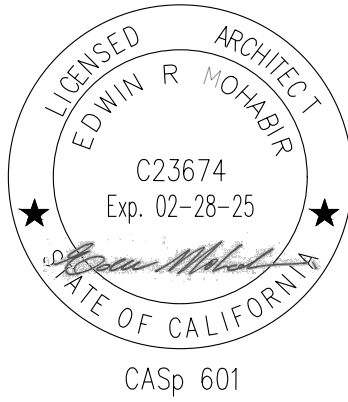
 DOOR TO BE REMOVED AND RELOCATED

EDWIN MOHABIR

EM

ARCHITECT, INC.

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



A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

PROJECT DATA

DATE	06-02-24
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

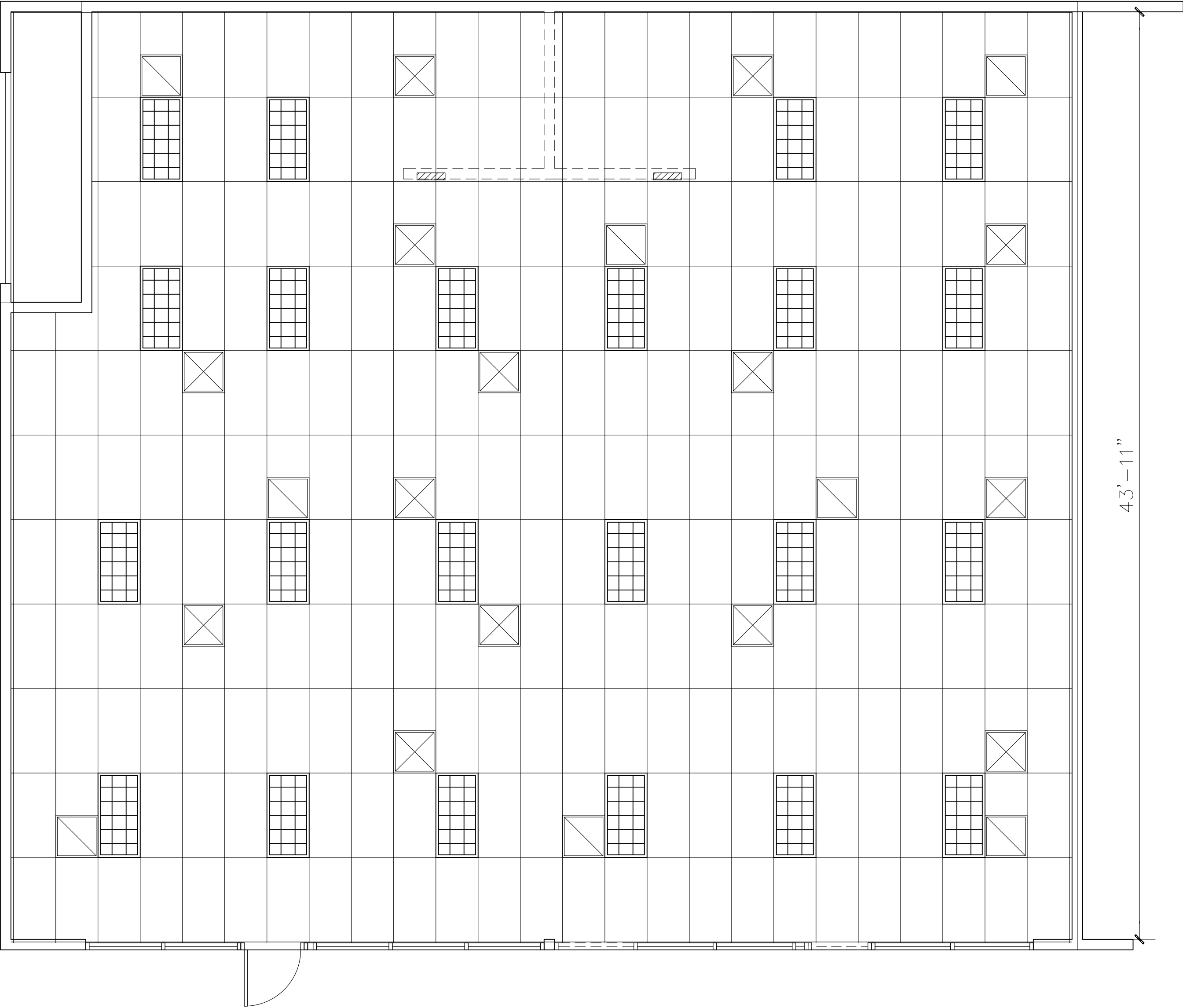
City of Long Beach
Electronic Permitting
SHEET TITLE

APPROVED

This construction document has been reviewed and approved for construction. It is unlawful to alter, change or revise from this construction document without approval from the appropriate City agency or department. This approval is subject to field inspection for acceptance of the completed work or installation. The approval of this construction document SHALL NOT be held to permit or to be an approval of the violation of any provisions of the municipal code or other ordinances of the City or laws and statutes of the State.

**AS-BUILT/DEMO
RCP**
**REVISION
A-2.1**

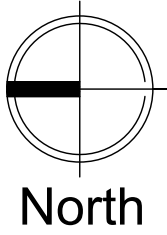
REMOVE ALL GRIDS AND LIGHT FIXTURES
EXISTING OPEN CEILING



1

AS-BUILT/DEMO RCP

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

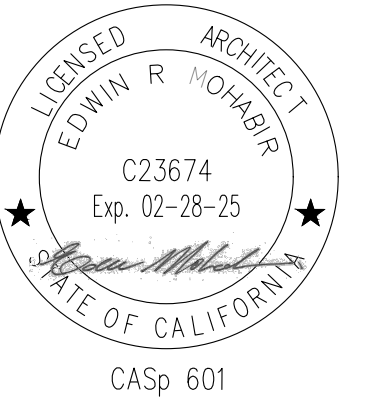


	EXISTING WALL (TO REMAIN)
	NEW METAL STUD WALL w/ GYP. BD.
	NEW EXTERIOR 2HR SHAFT WALL

1. ADD NEW NON-STRUCTURAL METAL STUD WALLS.
2. ADD 3 LAYERS OF 5/8" TYPE X GYP. BD TO EXISTING DEMISING WALL TO MAINTAIN 2 HOUR FIRE SEPARATION.
3. NEW ACCESSIBLE PLUMBING FIXTURES IN RECONFIGURED RESTROOMS.
4. NEW SERVICE SINK IN JANITOR ROOM.
5. NEW ADA DRINKING FOUNTAIN W/ CANE DETECTION
6. NEW SINK IN SCIENCE LAB.
7. PROVIDE POINT OF USE WATER HEATER AT SINKS
8. NEW 3'-0" DOORS IN EACH ROOM. SEE DOOR SCHEDULE
9. FINISHED CONCRETE FLOORING THROUGHOUT
10. NEW RIGHT HAND OUTWARD SWING STOREFRONT DOOR.
11. RELOCATED STOREFRONT WINDOW "A".
12. RELOCATED STOREFRONT DOOR "A"
13. RELOCATED EXISTING ELECTRICAL PANELS.

EM

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Options For Youth
Public Charter Schools

CLIENT:



REVISIONS

2 BUILDING DEPT. CORRECTIONS
09-19-2024

DATE	06-02-24
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED

City of Long Beach
Electronic Plan Check

SHEET TITLE

APPROVED

document MUST be at the

document must be in its original form and is unlawful to alter, change or destroy without approval from the relevant authority.

ment without approval from
department. This approval is

acceptance of the completed work.
This construction document §

SHEET NO.

Municipal code or other ordinance
of the State.

A-

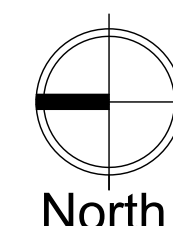
ARCHITECTS 2011 A



1

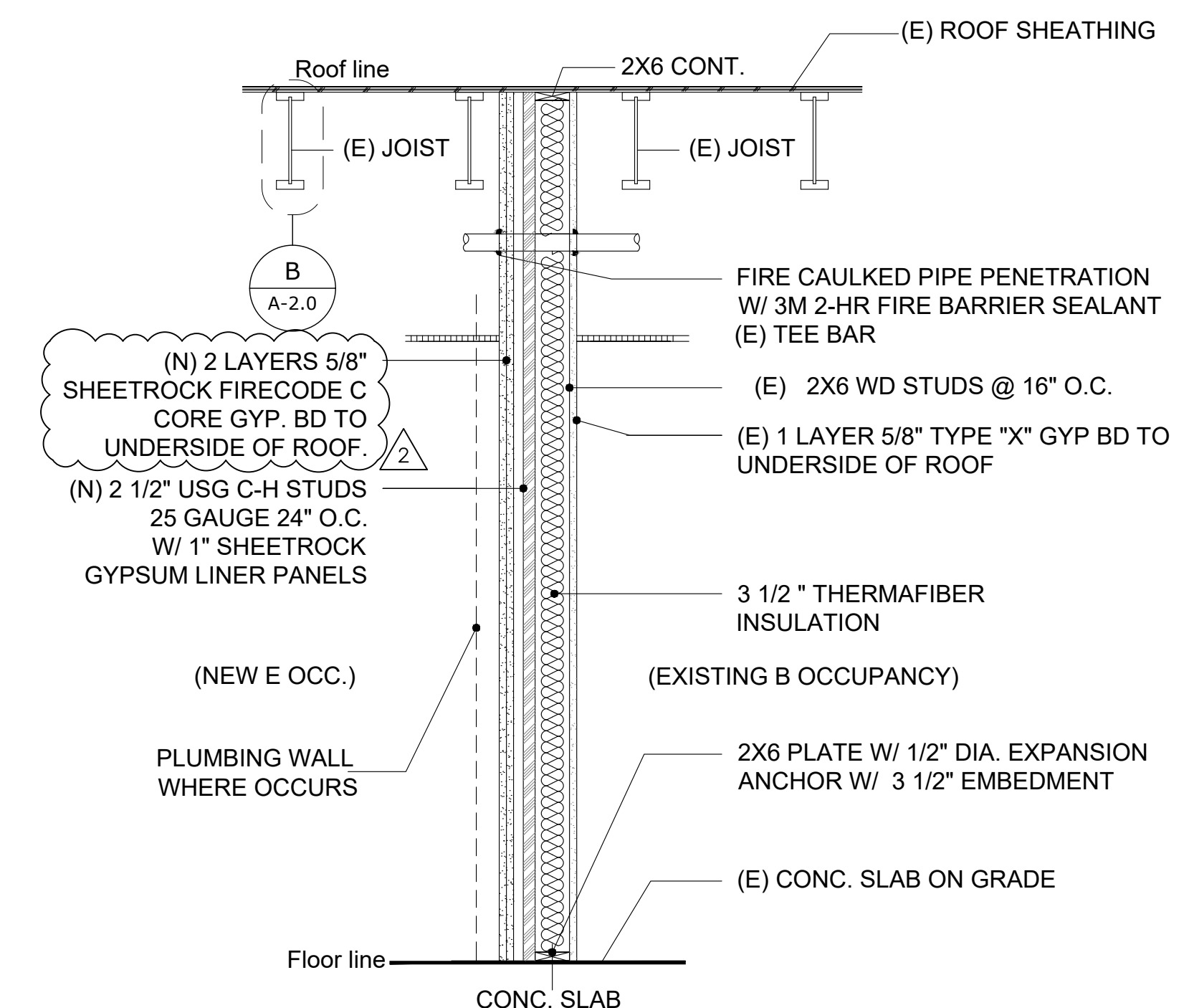
Proposed Floor Plan

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

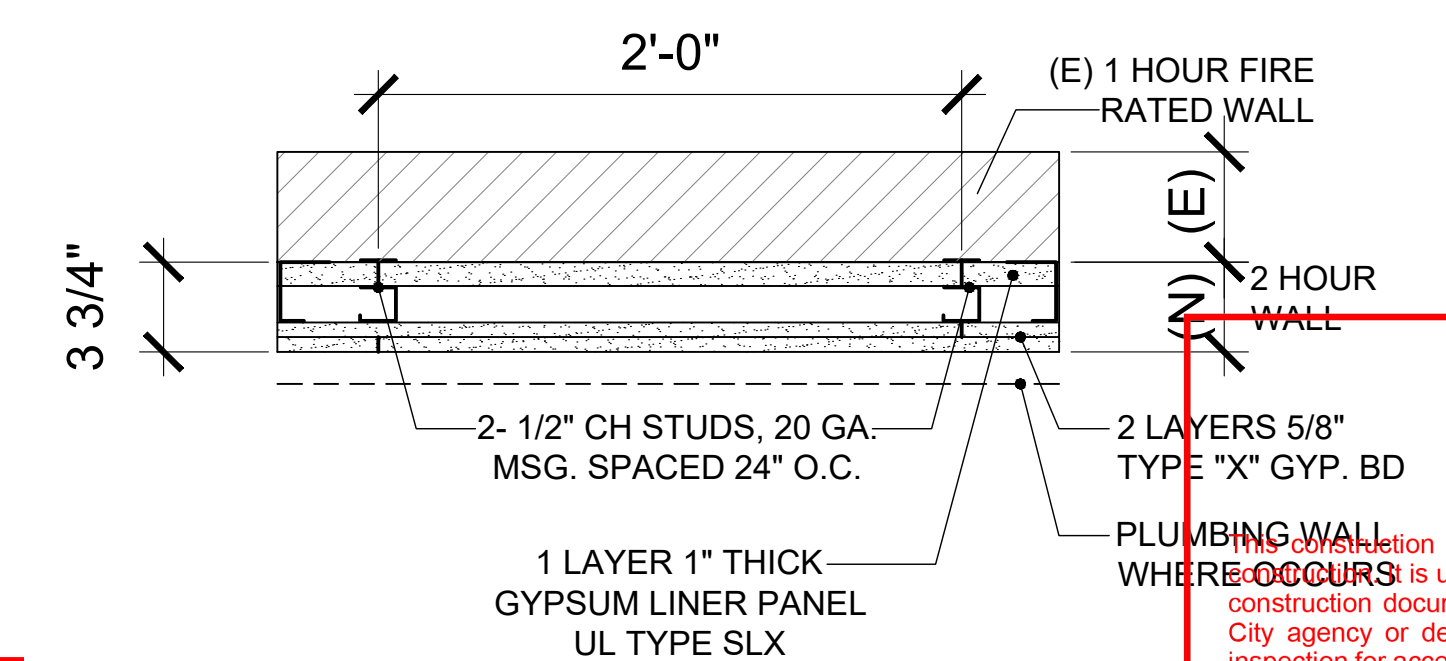


North

Planning Approval- caholle
Cara Dent
11/07/2024 1:41:10 PM

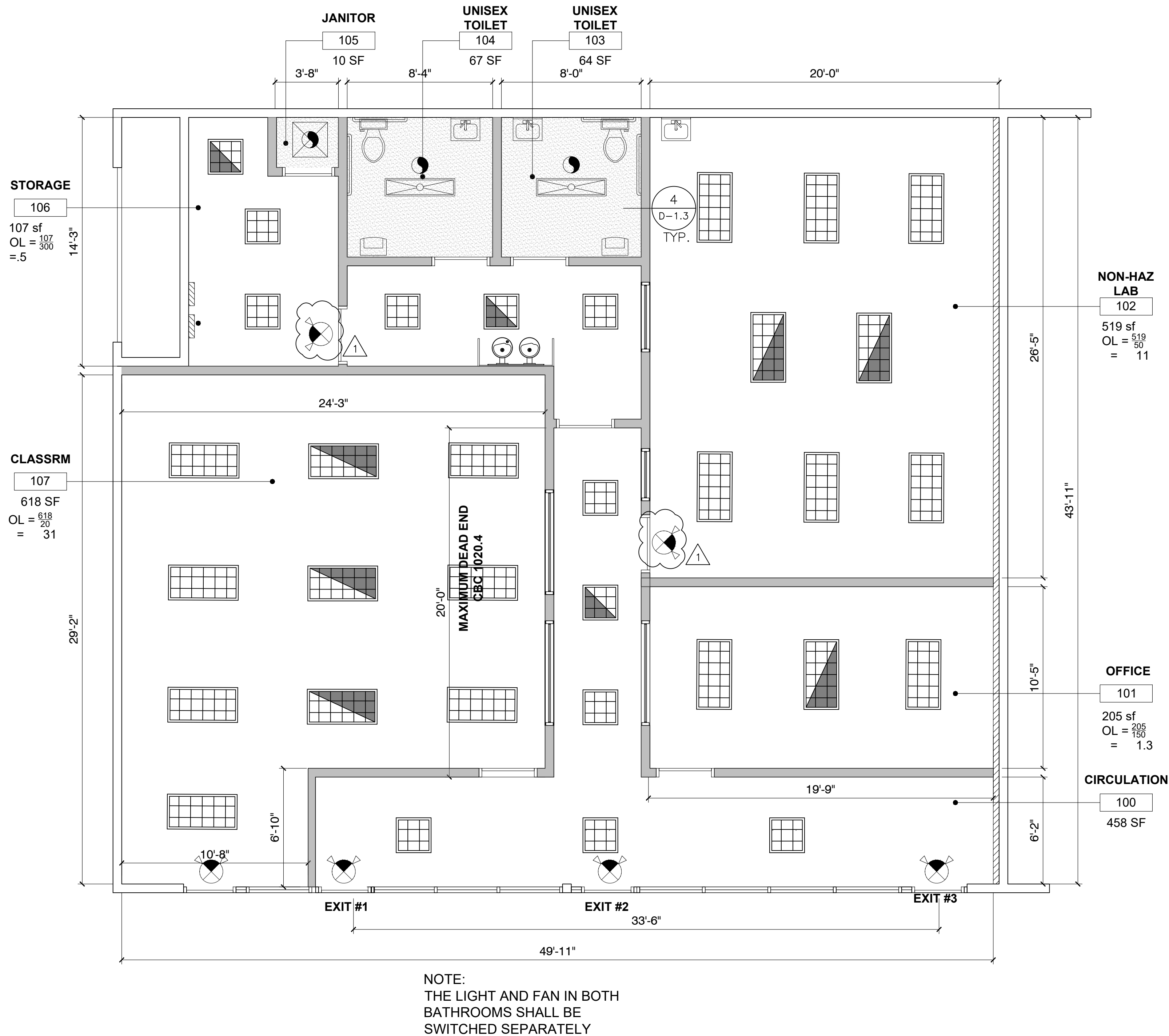


A NEW 2-HOUR OCC. SEPARATION
SECTION UL 415 B

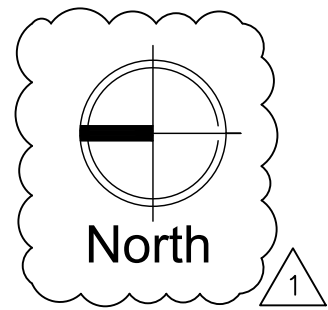


(B) (N) 2 HR FIRE RATED OCCUPANCY SEPARATION: PLAN VIEW. UL415 B

A-3.0



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



WALL LEGEND

- EXISTING WALL TO REMAIN
- NEW METAL STUD WALL w/ GYP. BD.

SYMBOLS

- (E) GYPSUM WALL BOARD TO REMAIN
- (N) GYPSUM WALL BOARD
- OPEN CEILING IN CLASSROOM, SCIENCE LAB, OFFICE, CONFERENCE ROOM, STORAGE, AND HALLWAY
- NEW RETURN AIR REGISTER
- NEW SUPPLY AIR REGISTER
- NEW 2X4 LED FIXTURE- SUSPENDED
- RECESSED CAN DOWNLIGHT
- ILLUMINATED EXIT SIGN WALL MOUNTED W/ SELF CONTAINED 90 MINUTE EMERGENCY BATTERY PACK UNIT
- NEW 2X4 LIGHT FIXTURE W/ 90 MIN /1400 LUMENS BATTERY BACK UP- SUSPENDED
- NEW 1X4 LED FIXTURE
- NEW 2X2 LED FIXTURE
- NEW 2X2 LIGHT FIXTURE W/ 90 MIN /1400 LUMENS BATTERY BACK UP

KEY NOTES:

- (N) WATER RESISTANT DRYWALL OVER EXIST FRAMING.
- (N) MET. CEILING W/ WR DRYWALL

GENERAL NOTES:

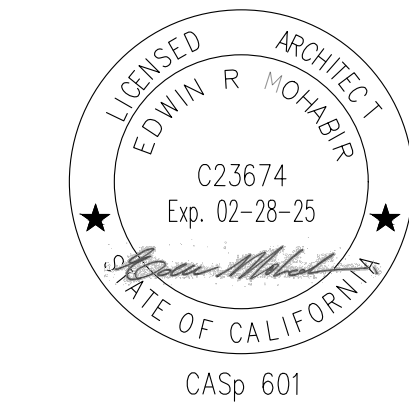
- PROVIDE REQUIRED SEISMIC BRACING PER DETAIL.
- ELECTRICALLY POWERED, SELF-LUMINOUS AND PHOTO LUMINESCENT EXIT SIGNS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 924 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND CHAPTER 27. EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES. CBC 1011.4.
- MECHANICAL VENTILATION FOR EACH AREA/ROOM TO BE PROVIDED IN ACCORDANCE WITH THE 2016 CALIFORNIA MECHANICAL CODE.
- ARTIFICIAL LIGHT SHALL BE PROVIDED THAT IS ADEQUATE TO PROVIDE AN AVERAGE ILLUMINATION OF 10 CANDLES (107 LUX) OVER THE AREA OF THE ROOM AT A HEIGHT OF 30' ABOVE THE FLOOR LEVEL.
- EACH GRADE-LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORD "EXIT."
- VACANCY SENSORS SHALL BE INSTALLED IN BATHROOMS, OFFICES, CONFERENCE ROOMS, AND ROOMS ENCLOSED BY FULL HEIGHT WALLS.

EDWIN MOHABIR

EM

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A PROJECT FOR:

Options For Youth
Public Charter Schools

6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:

LUPINE
CONSTRUCTION & DEVELOPMENT

715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

1 FIRE DEPARTMENT CORRECTIONS
09-19-2024

PROJECT DATA

DATE 06-02-24
ARCHITECT EM
CHECKED BY EM
DRAWN BY AA
PROJECT NO. -
SCALE AS NOTED

City of Long Beach
Electronic Plan Check

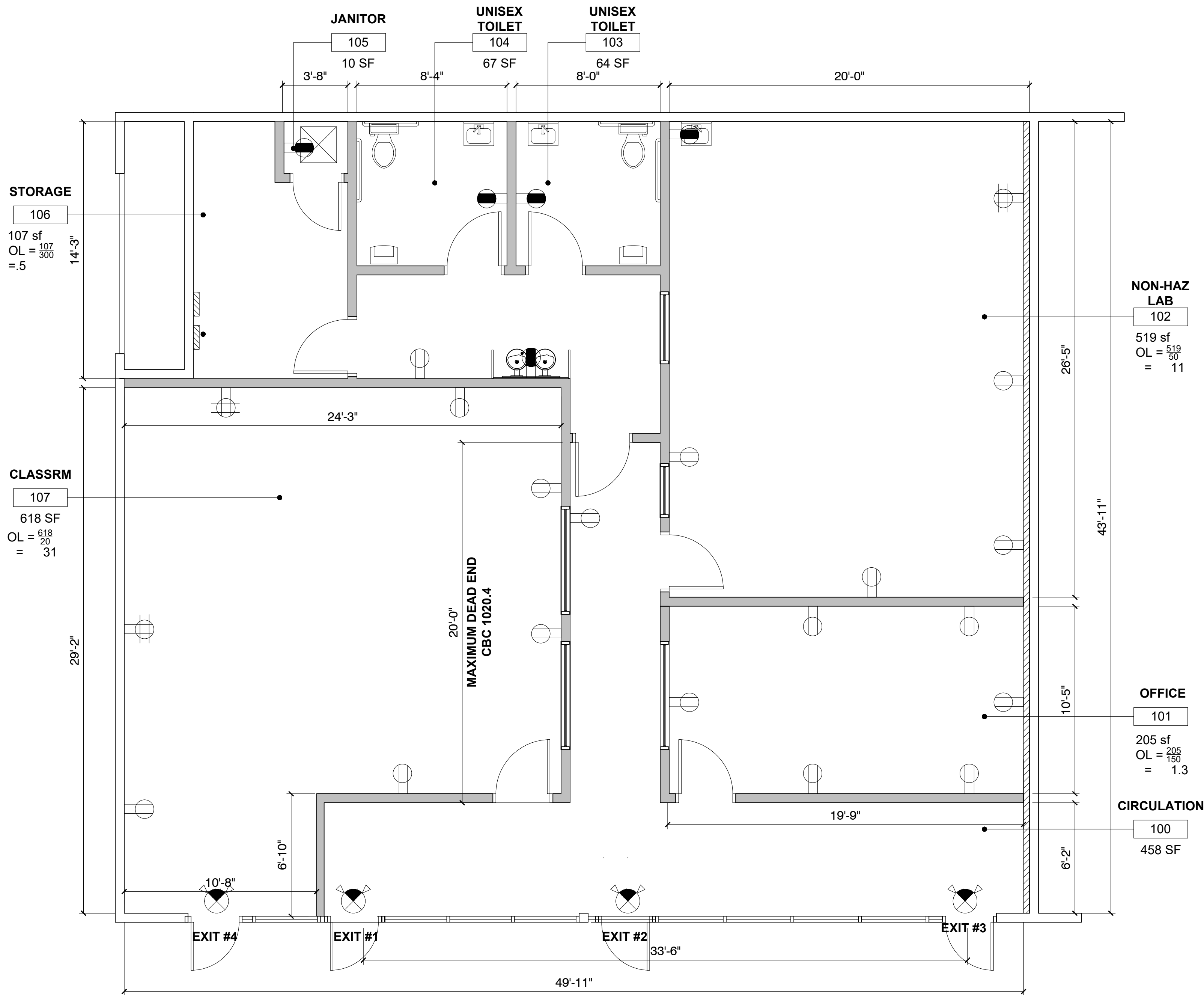
SHEET TITLE

APPROVED

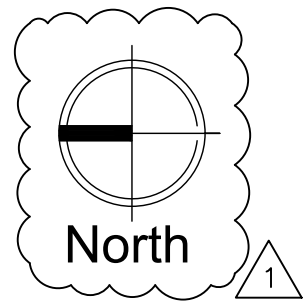
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**PROPOSED
CEILING PLAN**

SHEET NO.
A-3.1



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



WALL LEGEND

- EXISTING WALL TO REMAIN
- NEW METAL STUD WALL w/ GYP. BD.

SYMBOLS

- RELOCATED ELEC. PANEL. 100 AMP
- DUPLEX @ 15" MIN A.F.F U.N.O.
- QUAD @ 15" MIN A.F.F U.N.O.
- GFCI DUPLEX @ ALL BATHROOMS AND DRINKING FOUNTAIN

- PENETRATIONS IN FIRE-RESISTANCE RATED WALLS SHALL COMPLY WITH CBC 714.4. THROUGH PENETRATIONS AND MEMBRANE PENETRATIONS SHALL COMPLY WITH CBC 714.4.1 OR 714.3.2, OR AS NOTED BELOW:
 - STEEL, FERROUS OR COPPER PIPES MAY PENETRATE FIRE-RESISTANCE RATED WALLS, PROVIDED THE OPENING IS PROTECTED AS FOLLOWS: (CBC 714.4.1)
 - ITEM PENETRATING CONCRETE OR MASONRY WALLS IS A MAXIMUM 6 INCHES NOMINAL DIAMETER AND THE AREA OF THE OPENING THROUGH THE WALL DOES NOT EXCEED 144 SQUARE INCHES, CONCRETE, GROUT OR MORTAR IS PERMITTED WHERE IT IS INSTALLED THE FULL THICKNESS OF THE WALL OR THE THICKNESS REQUIRED TO MAINTAIN THE FIRE-RESISTANCE RATING; OR
 - WHEN THE ANNULAR SPACE IS PROTECTED WITH MATERIAL THAT MEETS ASTM E 119 OR UL 263.
 - PENETRATIONS SHALL BE FIRE-STOPPED BY A SYSTEM INSTALLED AS TESTED IN ACCORDANCE WITH ASTM E 814 OR UL 1479, AND SHALL HAVE AN F RATING OF NOT LESS THAN THE REQUIRED FIRE-RESISTANCE RATING OF THE WALL PENETRATED. (CBC 714.4.1.2)
 - MEMBRANE PENETRATIONS OF MAXIMUM 2-HOUR FIRE-RESISTANCE RATED WALLS BY STEEL ELECTRICAL BOXES ARE PERMITTED, PROVIDED THAT EACH DOES NOT EXCEED 16 SQUARE INCHES IN AREA AND THE TOTAL AREA OF SUCH OPENINGS DOES NOT EXCEED 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF WALL AREA, AND THE SPACE BETWEEN THE WALL MEMBRANE AND THE BOX DOES NOT EXCEED 1/8 INCH. ADDITIONALLY, OUTLET BOXES ON OPPOSITE SIDES OF THE WALL SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES. (CBC 714.4.2 EXCEPTION 1)
 - MEMBRANE PENETRATIONS BY LISTED ELECTRICAL BOXES OF ANY MATERIAL ARE PERMITTED, PROVIDED SUCH BOXES HAVE BEEN TESTED FOR USE IN FIRE-RESISTANCE RATED ASSEMBLIES, AND THE SPACE BETWEEN THE WALL MEMBRANE AND THE BOX DOES NOT EXCEED 1/8 INCH UNLESS LISTED OTHERWISE. ADDITIONALLY, OUTLET BOXES ON OPPOSITE SIDES OF THE WALL SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES. (CBC 714.4.2 EXCEPTION 1)
 - A FIRE SPRINKLER SHALL BE PERMITTED TO BE UNPROTECTED PROVIDED SUCH SPACE IS COVERED BY A METAL ESCUTCHEON PLATE. (CBC 714.4.2 EXCEPTION 5)
 - WHERE WALLS ARE PENETRATED BY OTHER MATERIALS OR OPENINGS LARGER THAN THOSE MENTIONED ABOVE, THEY MUST BE QUALIFIED BY TESTS IN ACCORDANCE WITH CBC 714.4.2 EXCEPTION 2.

City of Long Beach
Electronic Plan Check

APPROVED

PROPOSED POWER PLAN

1

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A-3.2

EDWIN MOHABIR

EM

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A PROJECT FOR:

Options For Youth
Public Charter Schools

6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

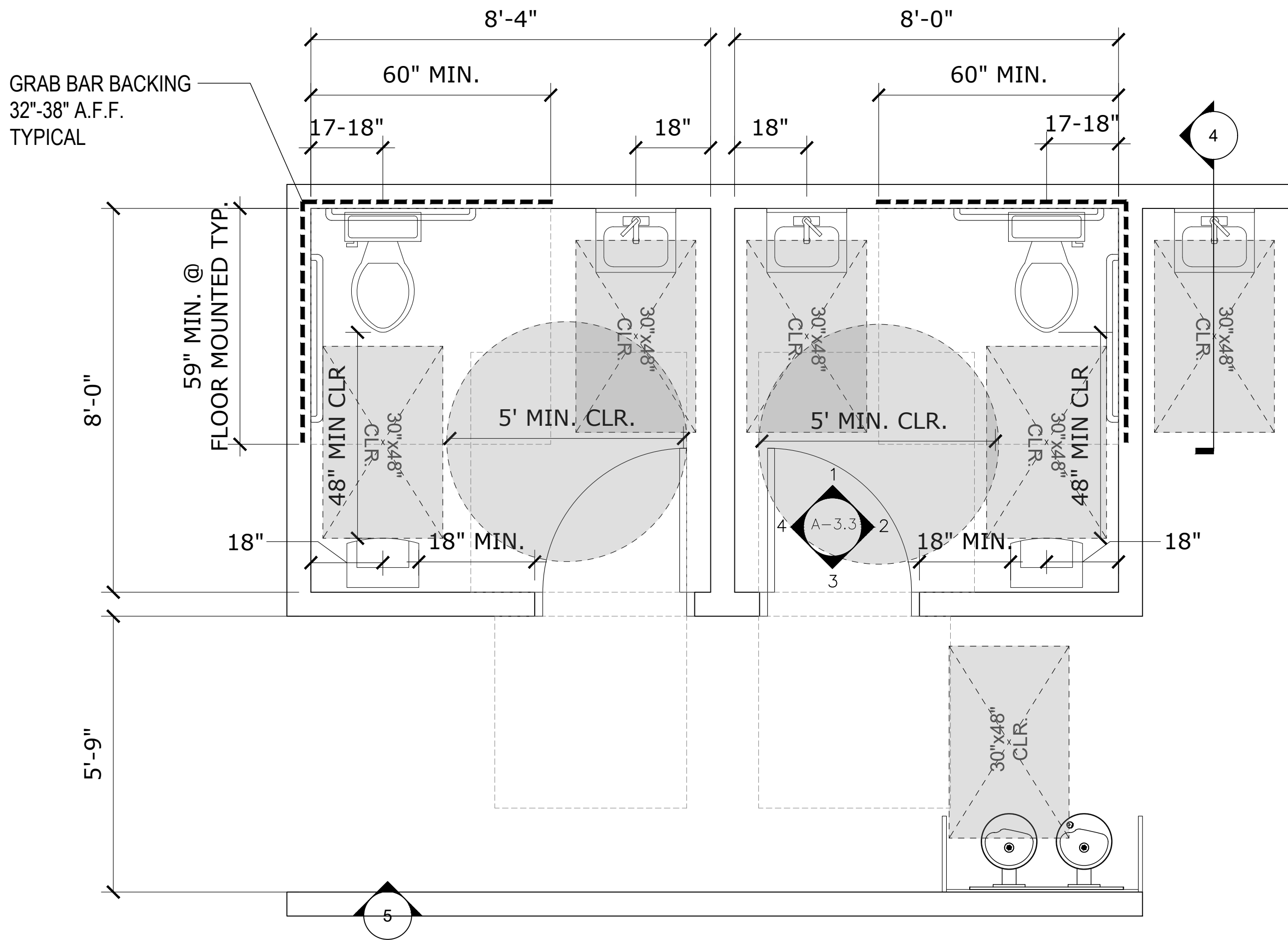
CLIENT:

LUPINE
CONSTRUCTION & DEVELOPMENT

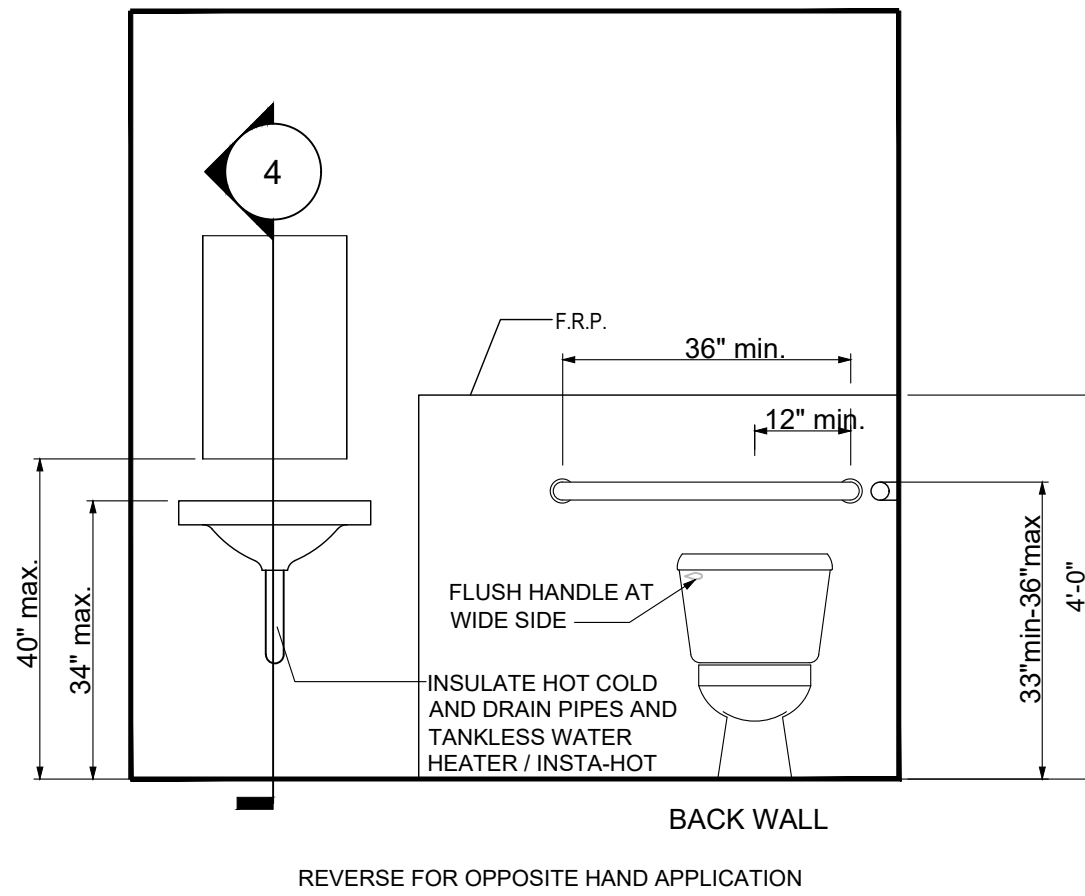
715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS	
1	FIRE DEPARTMENT CORRECTIONS 09-19-2024
2	BUILDING DEPT. CORRECTIONS 09-19-2024

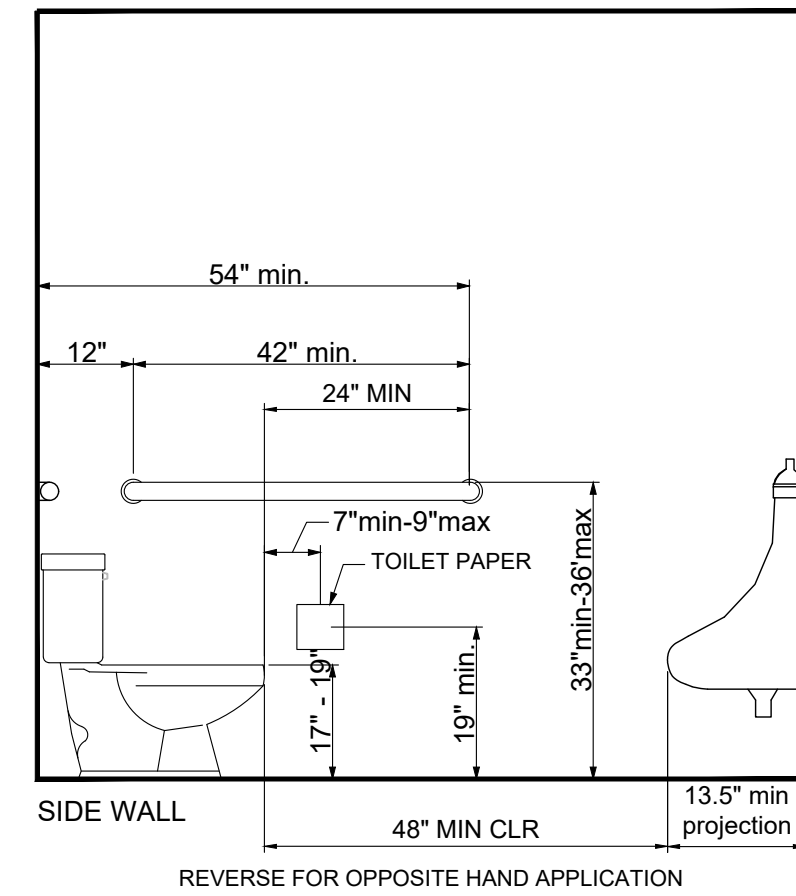
PROJECT DATA	
DATE	06-02-24
ARCHITECT	EM
CHECKED BY	EM
DRAWN BY	AA
PROJECT NO.	-
SCALE	AS NOTED



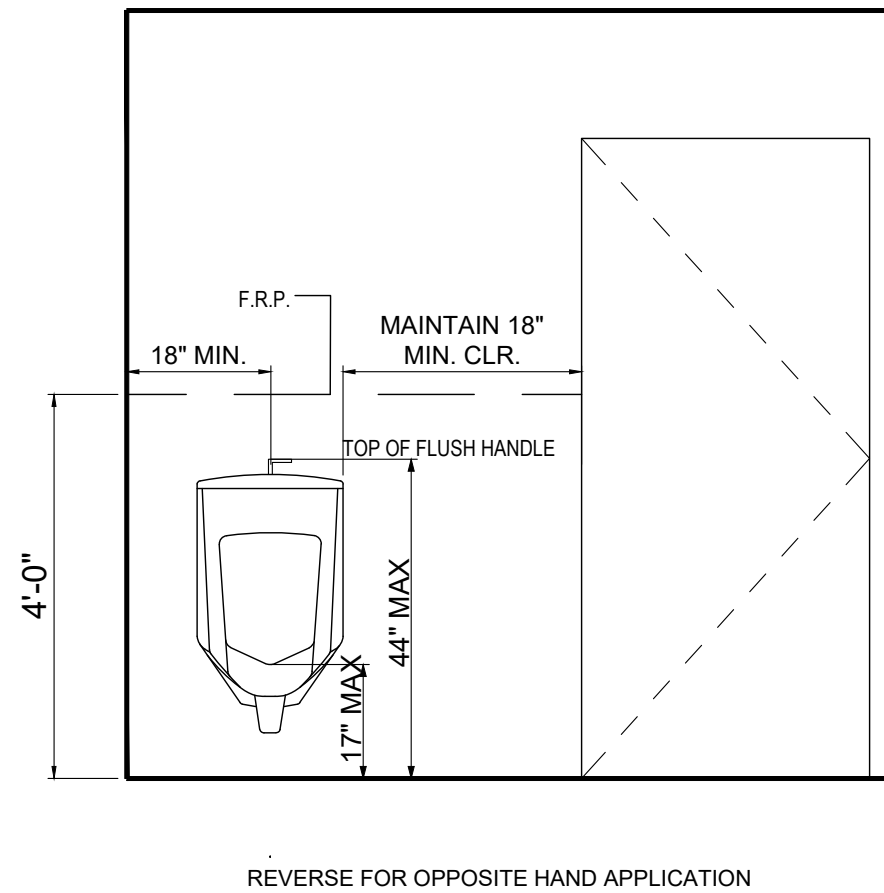
A ENLARGED FLOOR PLANS Scale: 1/2"=1'-0"



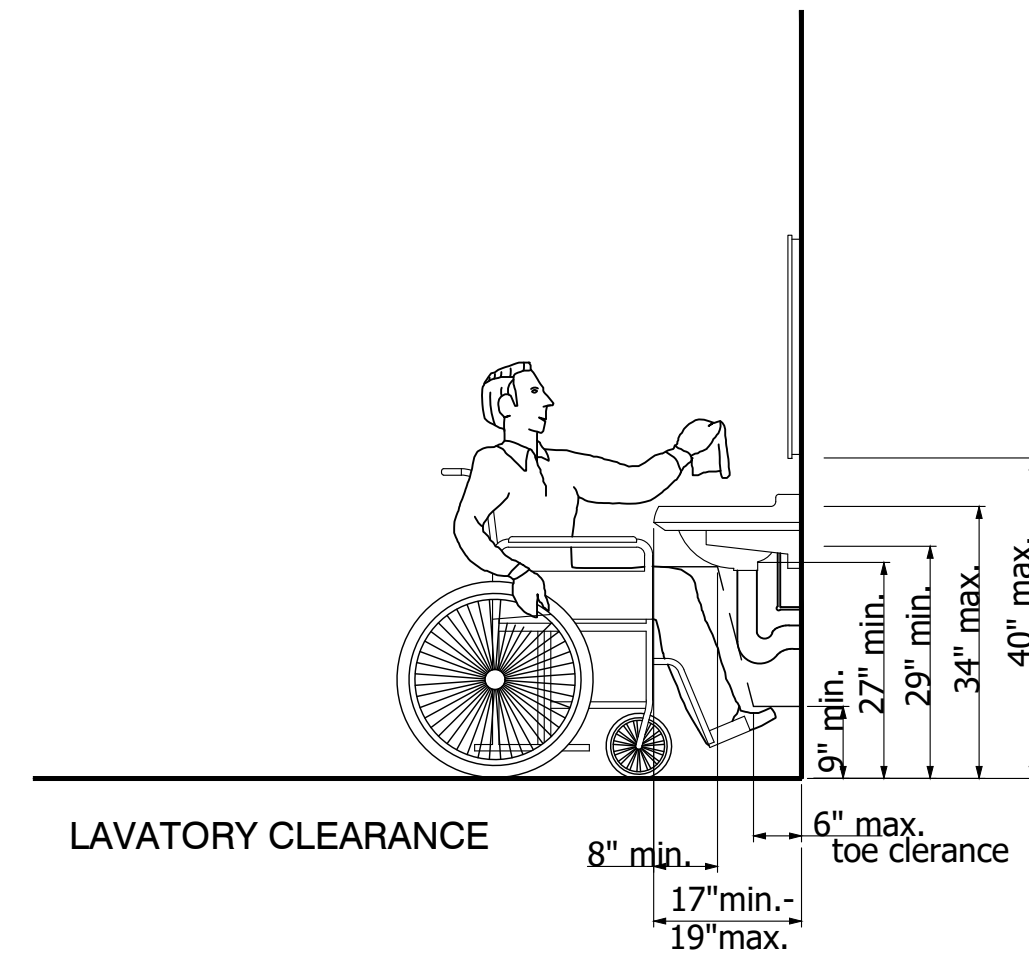
1 ELEVATION Scale: 1/2"=1'-0"



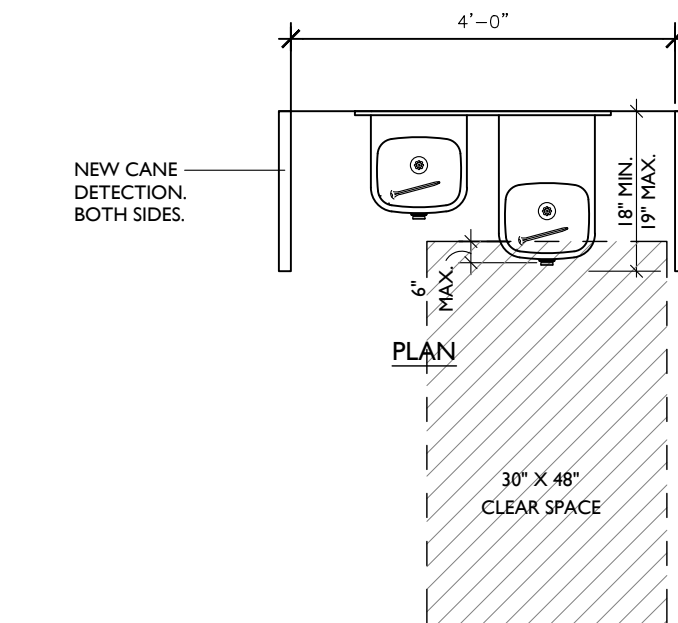
2 ELEVATION Scale: 1/2"=1'-0"



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

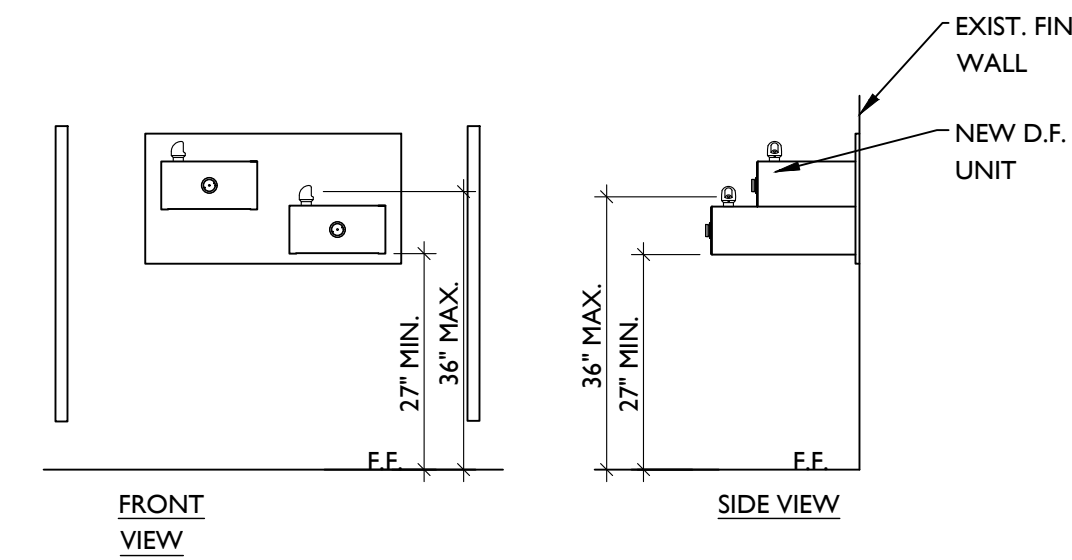


4 SECTION Scale: 1/2"=1'-0"



NOTE

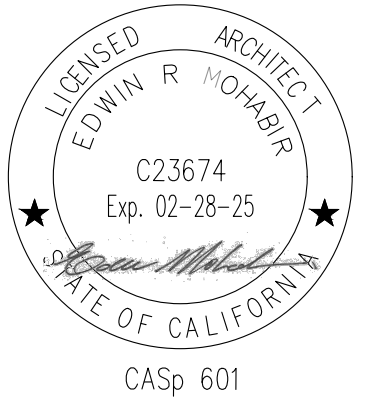
11B-602.9 Pedestrian protection. All drinking fountains shall either be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. The protected area within which a drinking fountain is located shall be 32 inches (813 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.



5 DRINKING FOUNTAIN ACCESSIBLE DETAILS - SEE ALSO 8/D-1.3 Scale: 1/2"=1'-0"

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CLIENT:

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715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

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ARCHITECT EM
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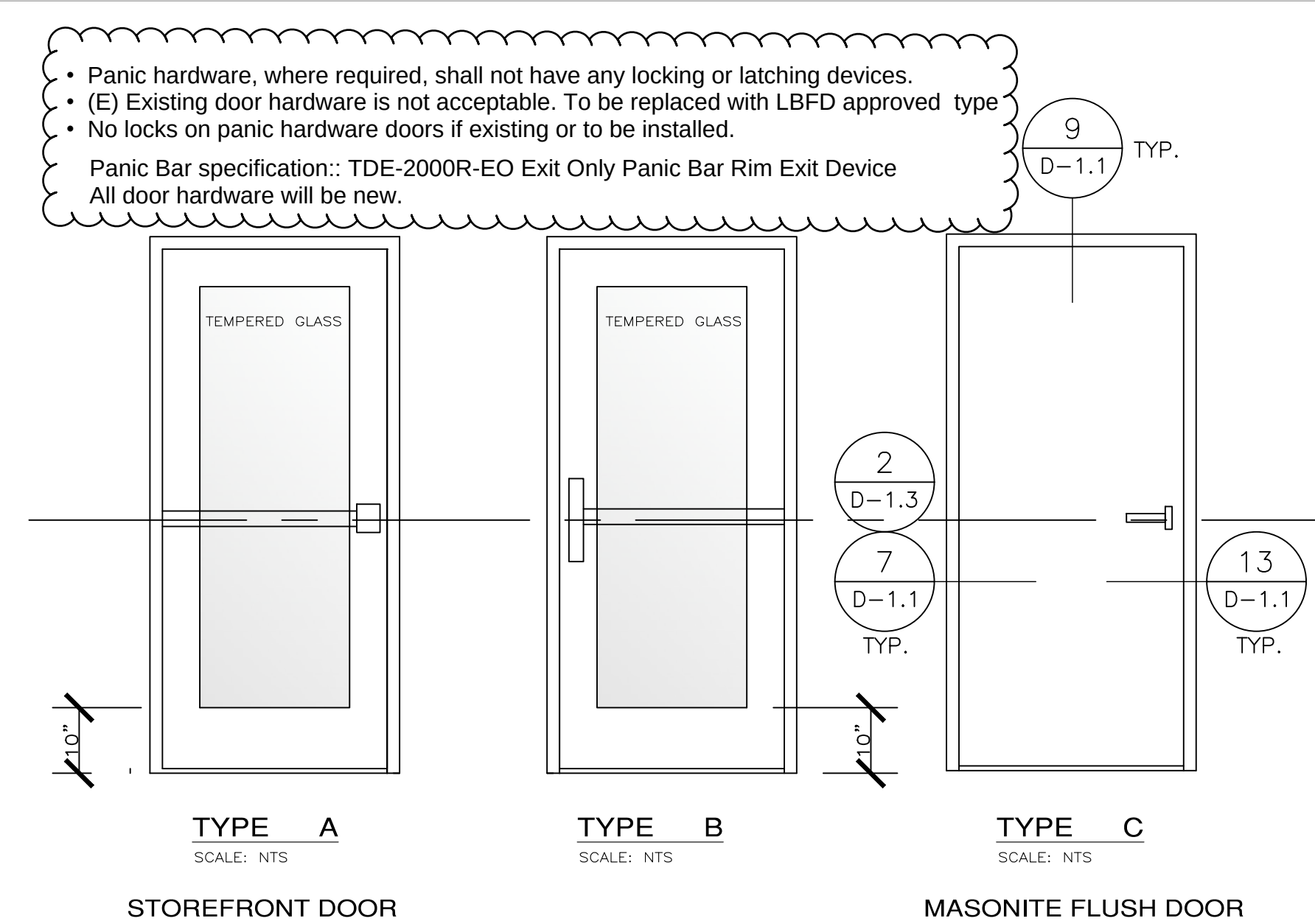
City of Long Beach
Electronics Division

SHEET TITLE

**ENLARGED
PLANS AND
ELEVATIONS**

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SHEET NO.
A-3.3



LICENSED ARCHITECT
 EDWIN R. MOHABIR
 C23674
 Exp. 02-28-25
 State of California
 CASp 601

DOOR & FRAME SCHEDULE

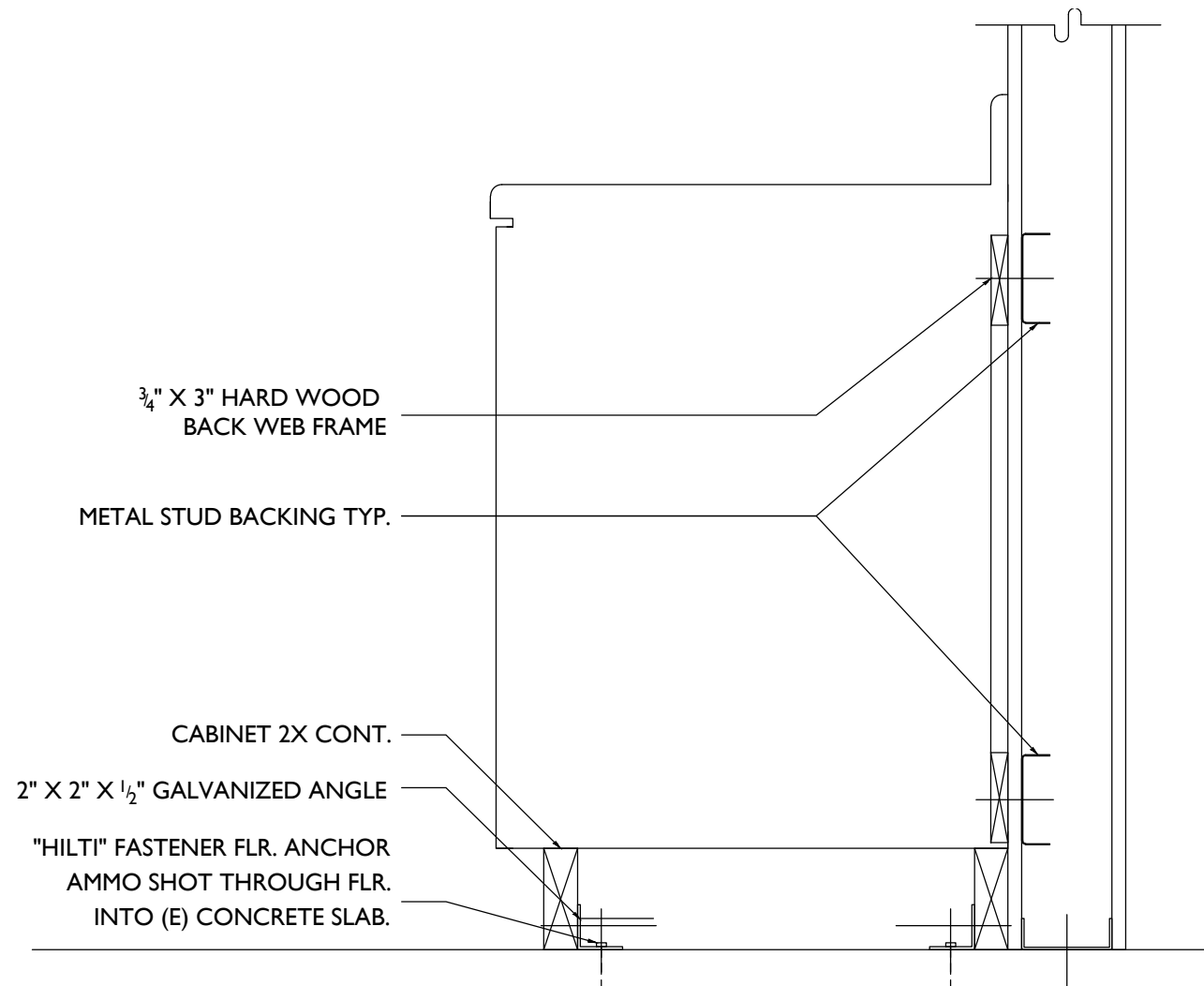
DOOR							TIMELY FRAME BROWN TONE			ALL NEW HARDWARE		FIRE RATING & ETC.	QTY.
NO.	SIZE	TYPE	MAT.	CORE	FINISH	GLASS	TYPE	MAT.	FINISH	TYPE	LOCKSET		
1 EXIT DOOR	36"x80"x1-3/4"	A	HM	GL	PRE	GL	-	HM	PRE	CL, PB, TH,		(E) STOREFRONT EXIT	1 (E)
2 EXIT DOOR	36"x80"x1-3/4"	A	HM	GL	PRE	GL	-	HM	PRE	CL, PB, TH,		RELOCATED STOREFRONT EXIT	1 (R)
3 EXIT DOOR	36"x80"x1-3/4"	A	HM	MT	PRE	GL	-	HM	PRE	CL, PB, TH,		(N) STOREFRONT MAIN ENTRY DOOR	1 (N)
4 EXIT DOOR	36"x80"x1-3/4"	A	HM	GL	PRE	GL	-	HM	PRE	CL, PB, TH,		(N) STOREFRONT EXIT	1 (N)
5	36"x80"x1-3/4"	C	W/M	SC	ST/PT	-	-	HM	PT	LPRS, CL,	CAL ROYAL SL20	(N) UNISEX RESTROOM	2 (N)
6	36"x80"x1-3/4"	C	HM	SC	ST/PT	-	-	HM	PT	LS	CAL ROYAL SL05	JANITOR CLOSET	1 (N)
7	36"x80"x1-3/4"	B	W/G	GL	PRE	GL	-	HM	PT	LS, CL, PB	CAL ROYAL SL30	(N) CORRIDOR	1 (N)
8	36"x80"x1-3/4"	B	W/G	GL	PRE	GL	-	HM	PT	LS, CL, PB	CAL ROYAL SL00	(N) OFFICE & CLASSROOM	3 (N)

LEGEND

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

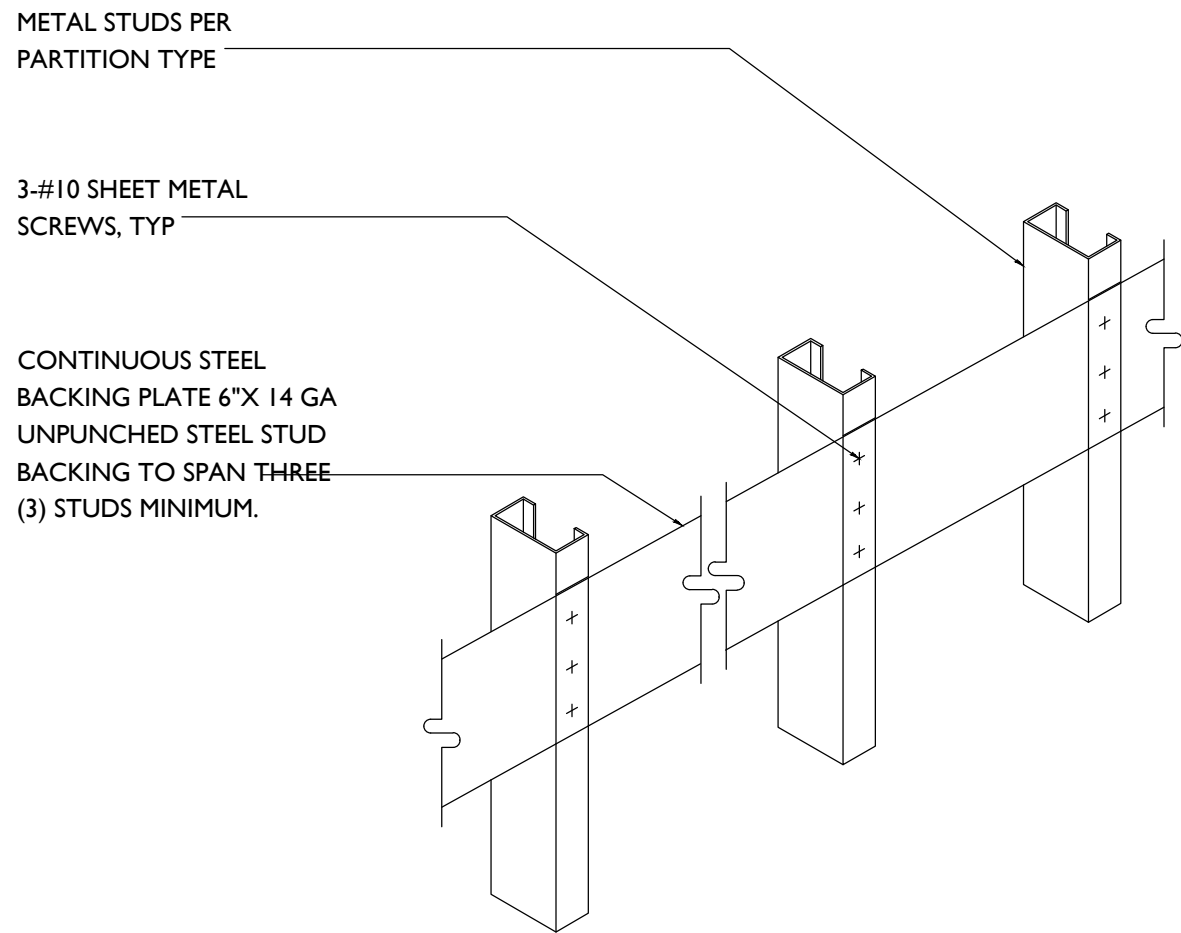
Panic Bar specification:: TDE-2000R-EO Exit Only Panic Bar Rim Exit Device
All door hardware will new.

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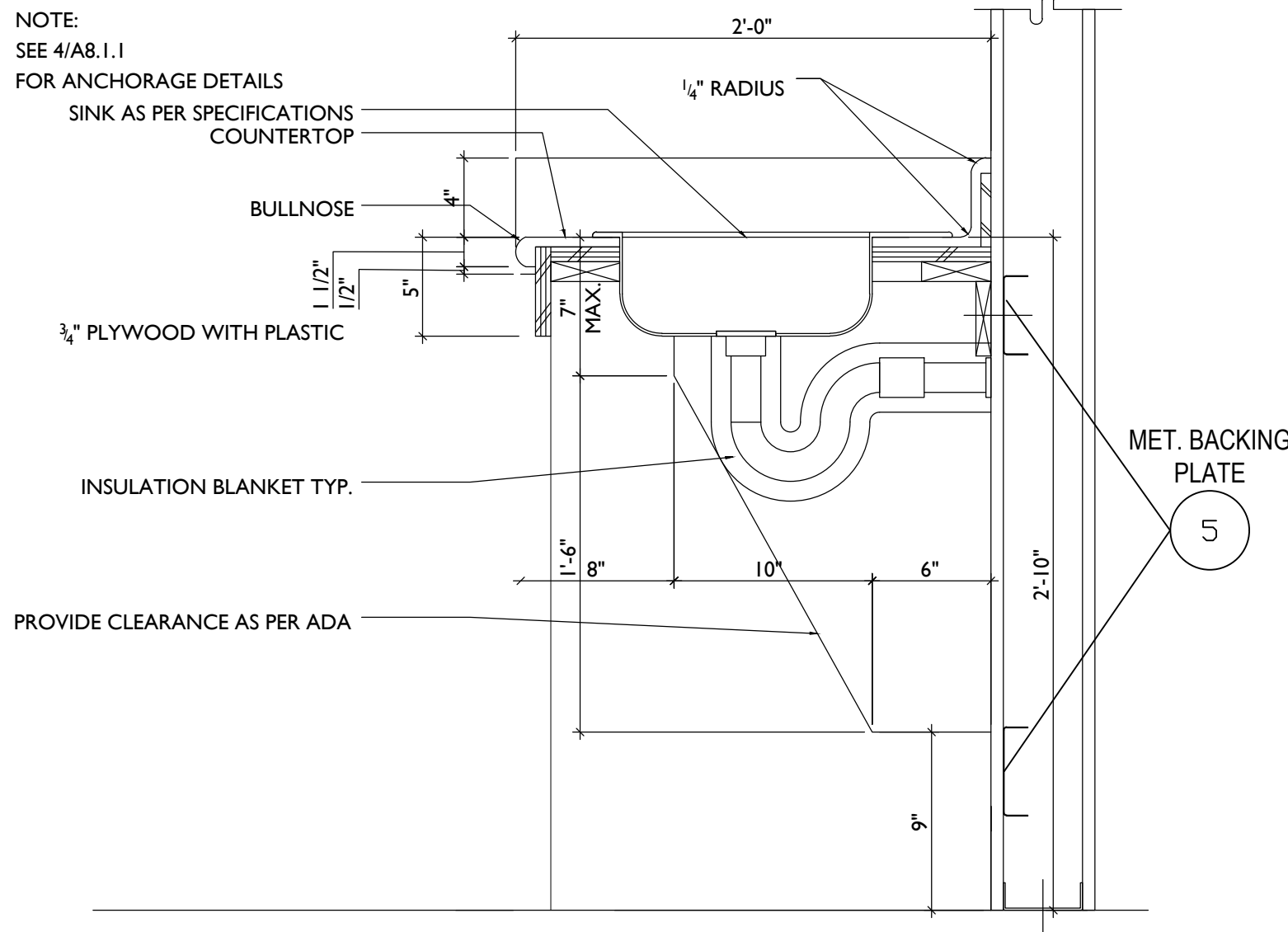
6 BASE CABINET ANCHORAGE

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



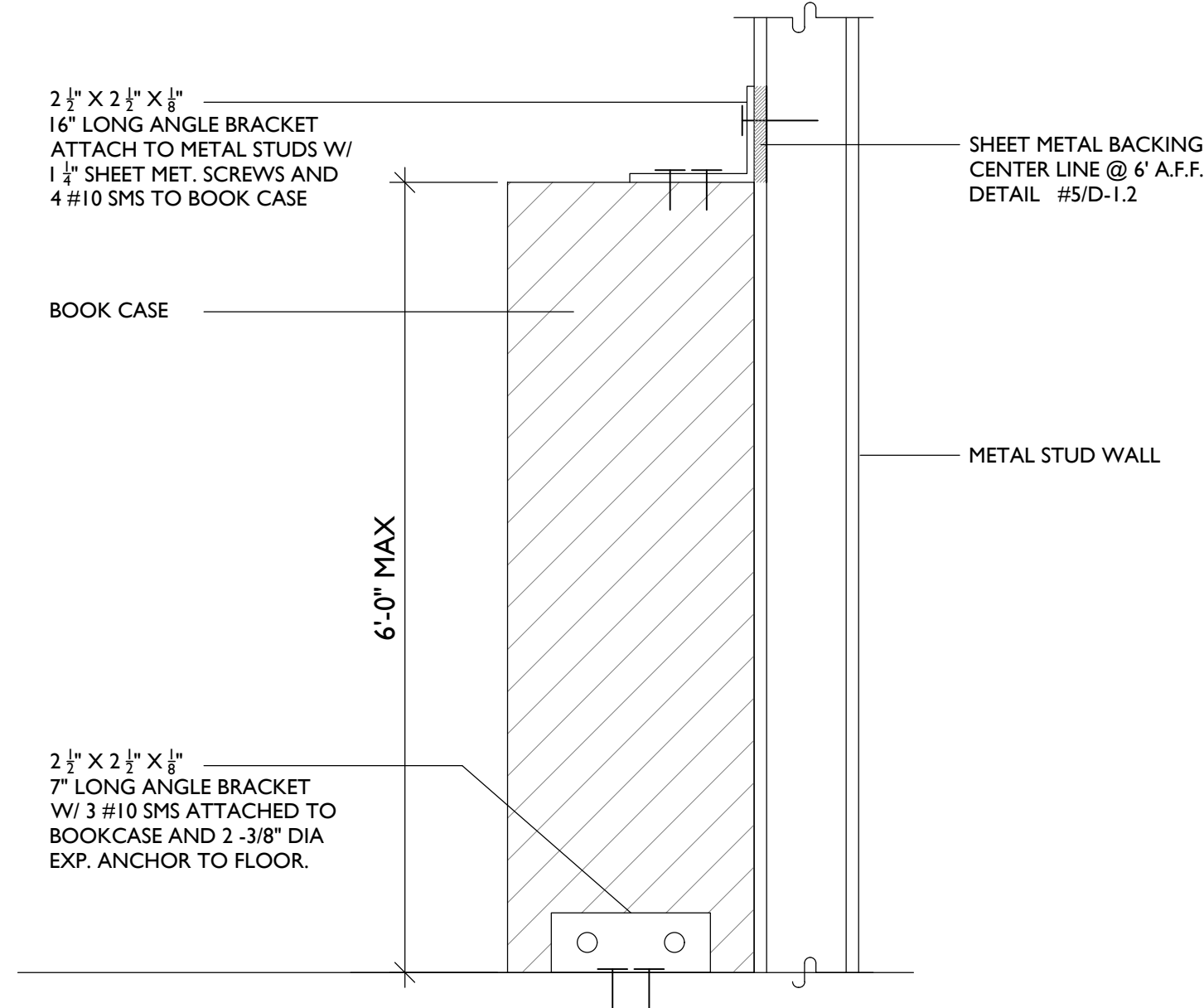
5 BACKING PLATE DETAIL

Scale: NTS



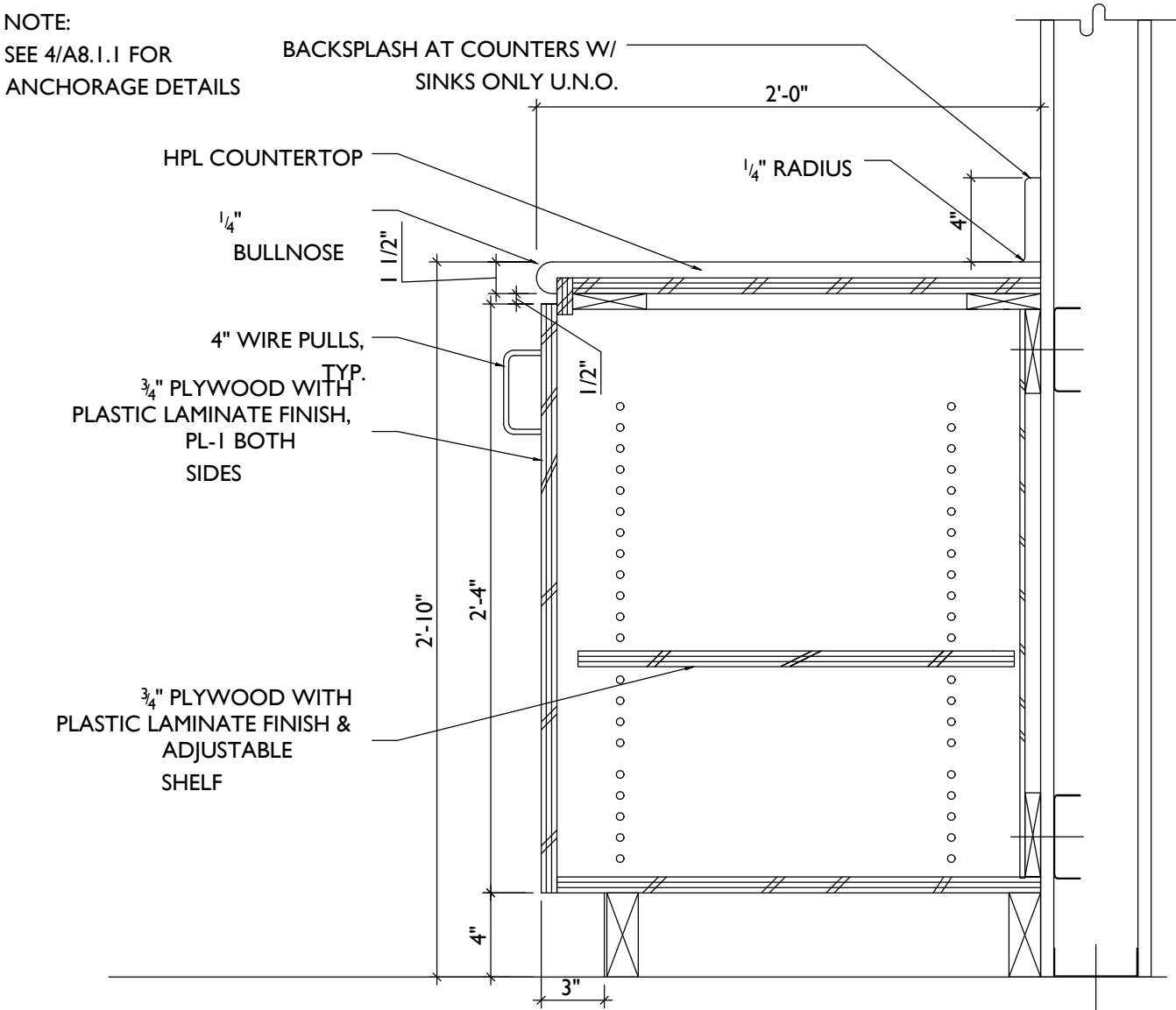
4 SINK CABINET SECTION

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



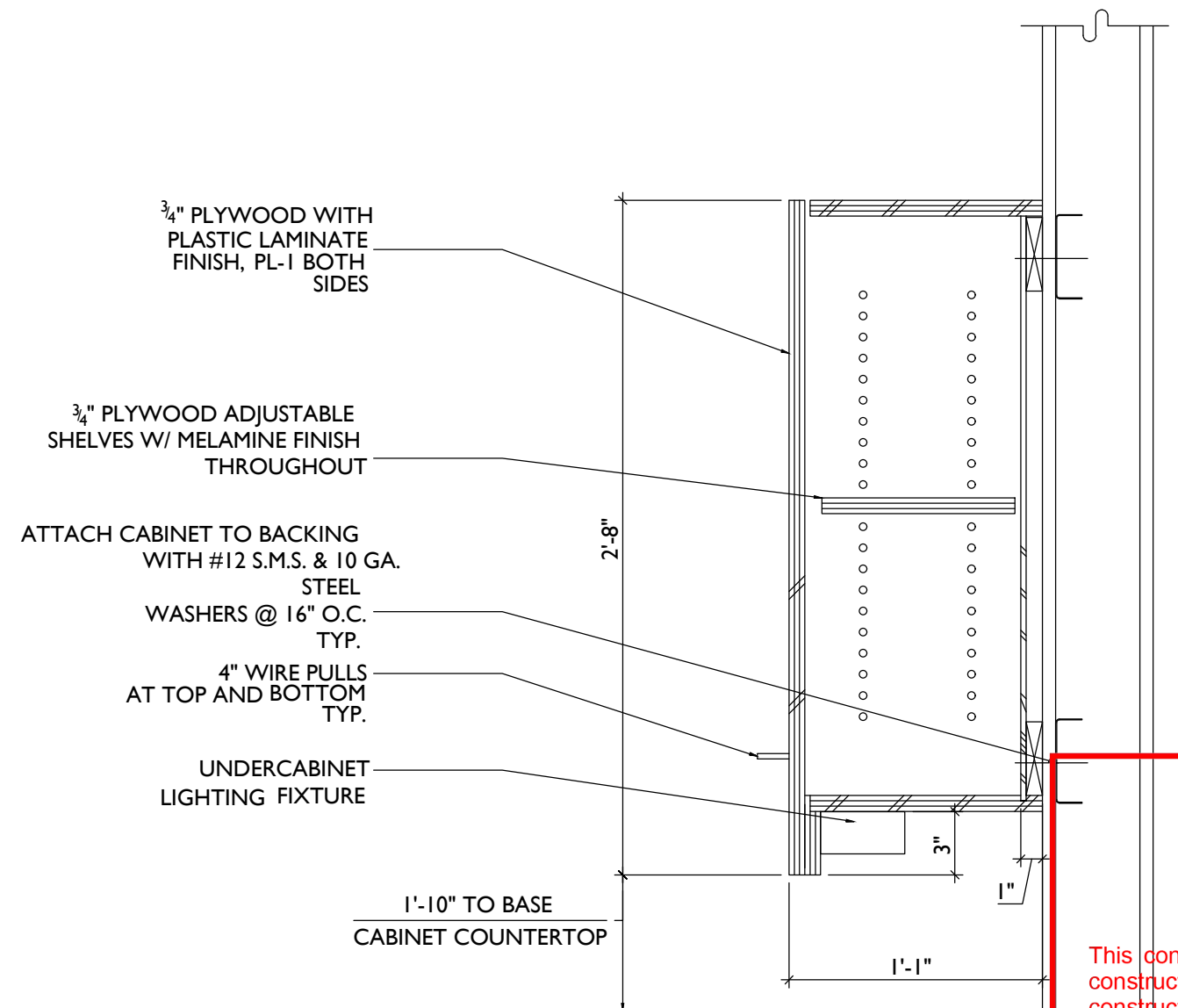
3 BOOK SHELF ANCHORAGE

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



2 BASE CABINET TYPE B

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

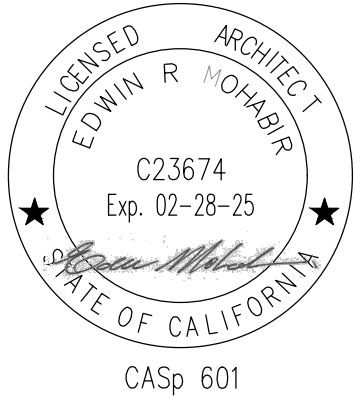


1 UPPER WALL CABINET TYPE A

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

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LONG BEACH, CA 90805

CLIENT:



715 ARROW GRAND CIRCLE
COVINA, CA 91722

REVISIONS

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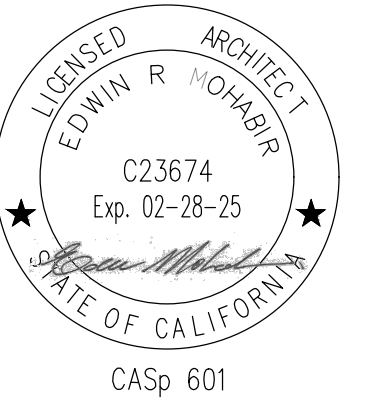
City of Long Beach
Electronic Plan Check

SHEET TITLE

APPROVED

DETAILS
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D-1.2



A PROJECT FOR:



6624-6628 CHERRY AVE.
LONG BEACH, CA 90805

CLIENT:



REVISIONS

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PROJECT NO.	-
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City of Long Beach
Electronics Title

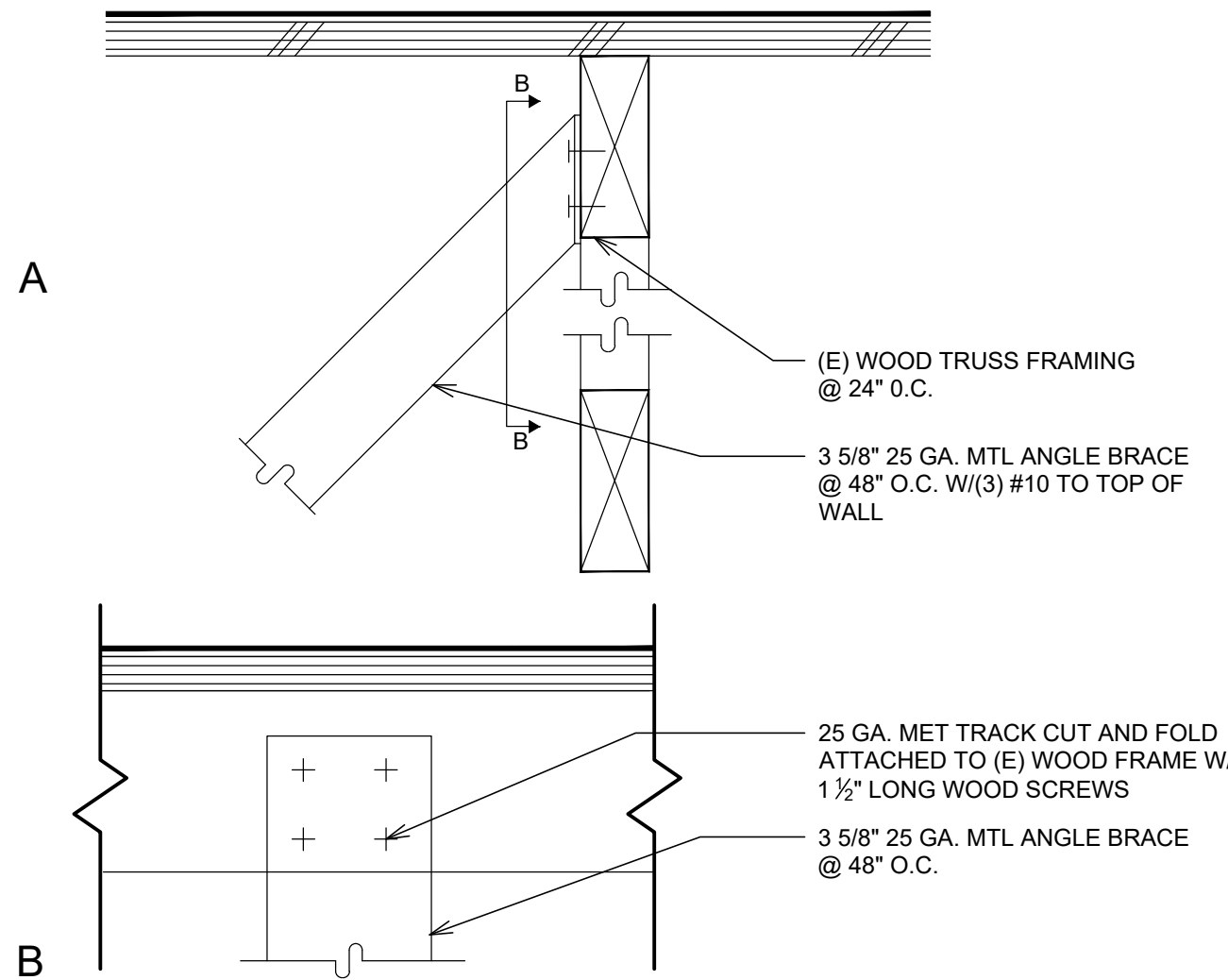
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DETAILS

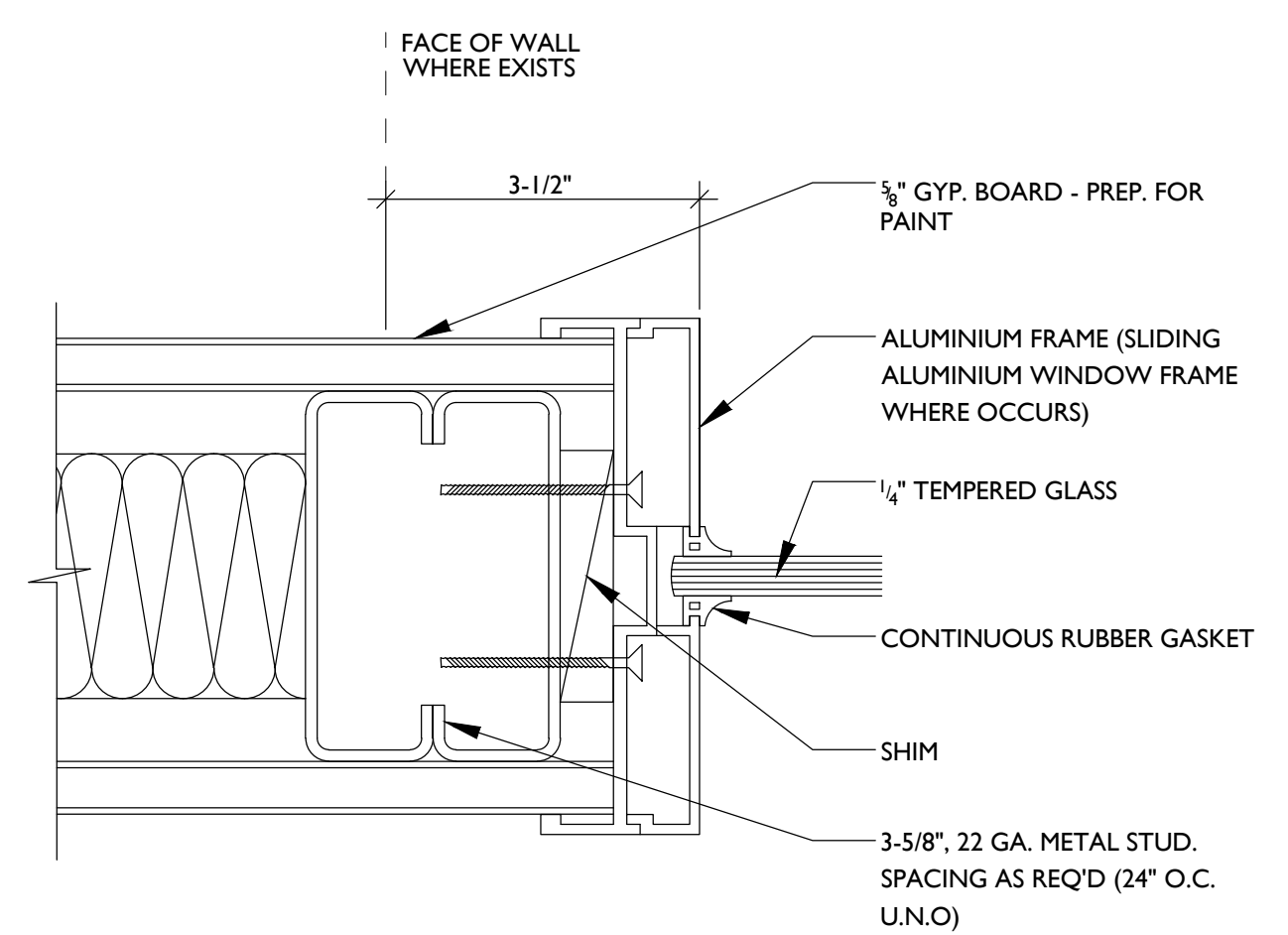
SHEET NO.

D-1.3



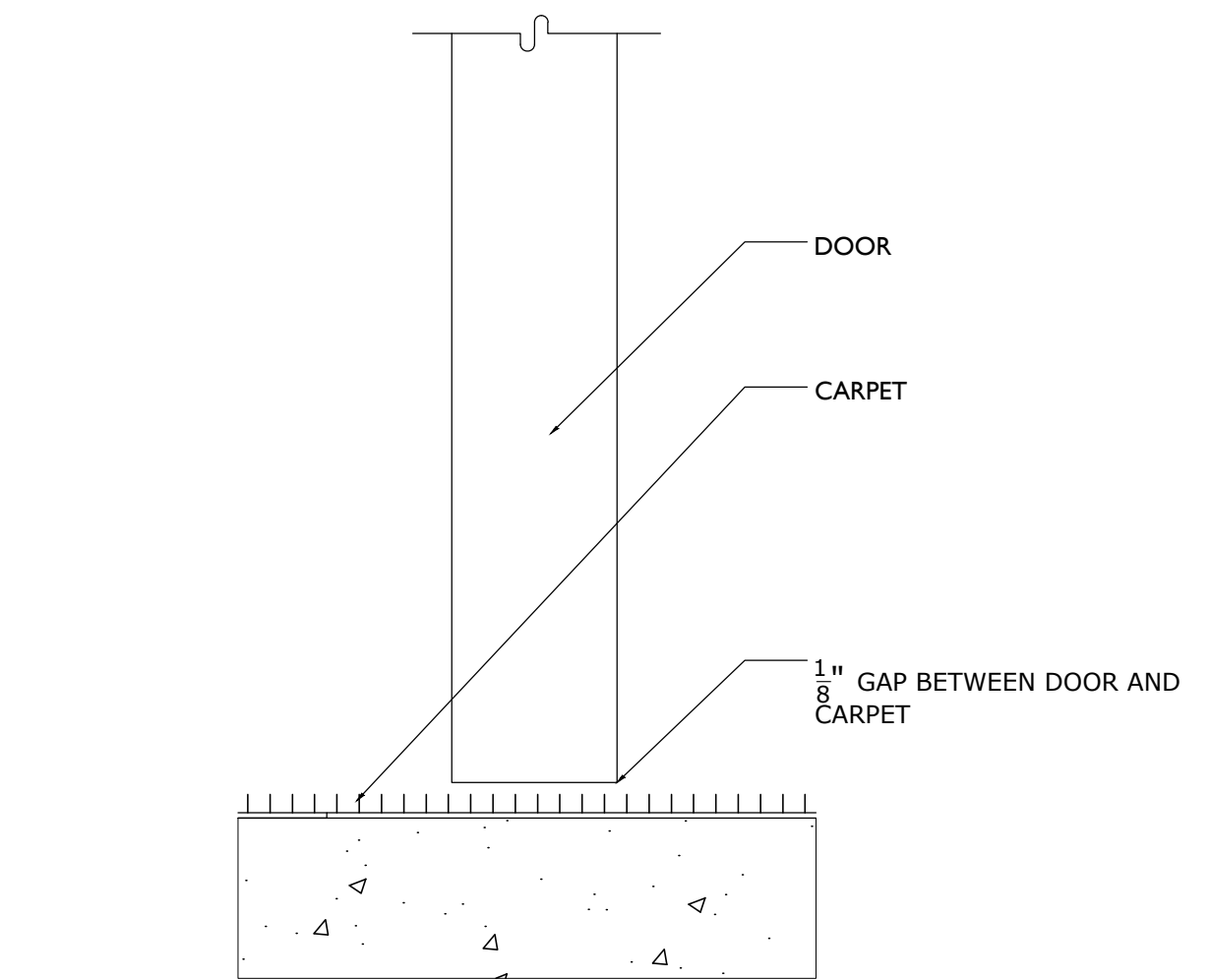
9 WALL BRACE DETAIL

Scale: 3" = 1'-0"



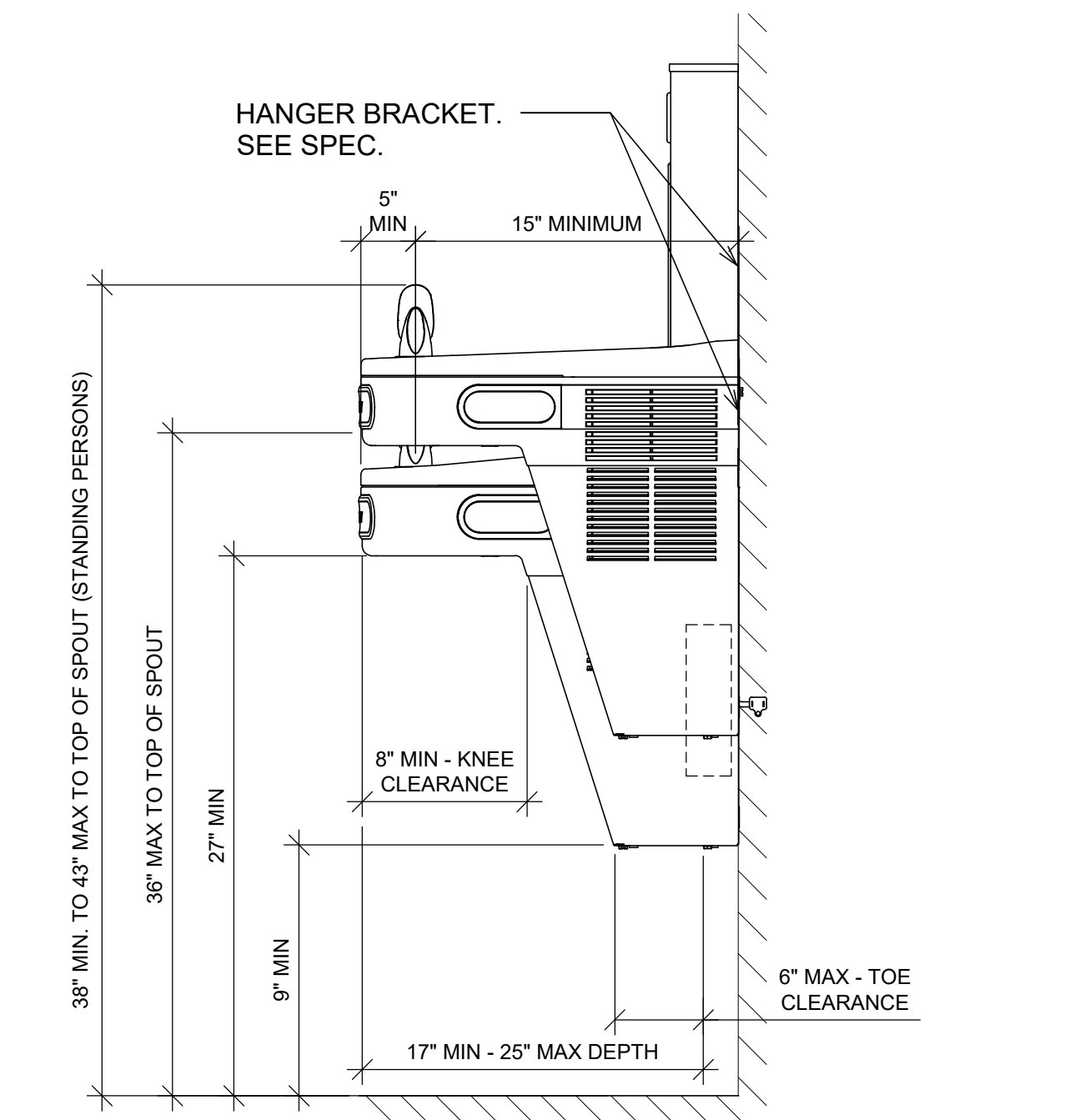
6 INTERIOR ALUMINIUM WINDOW FRAME @ JAMB

Scale: 6"=1'-0"



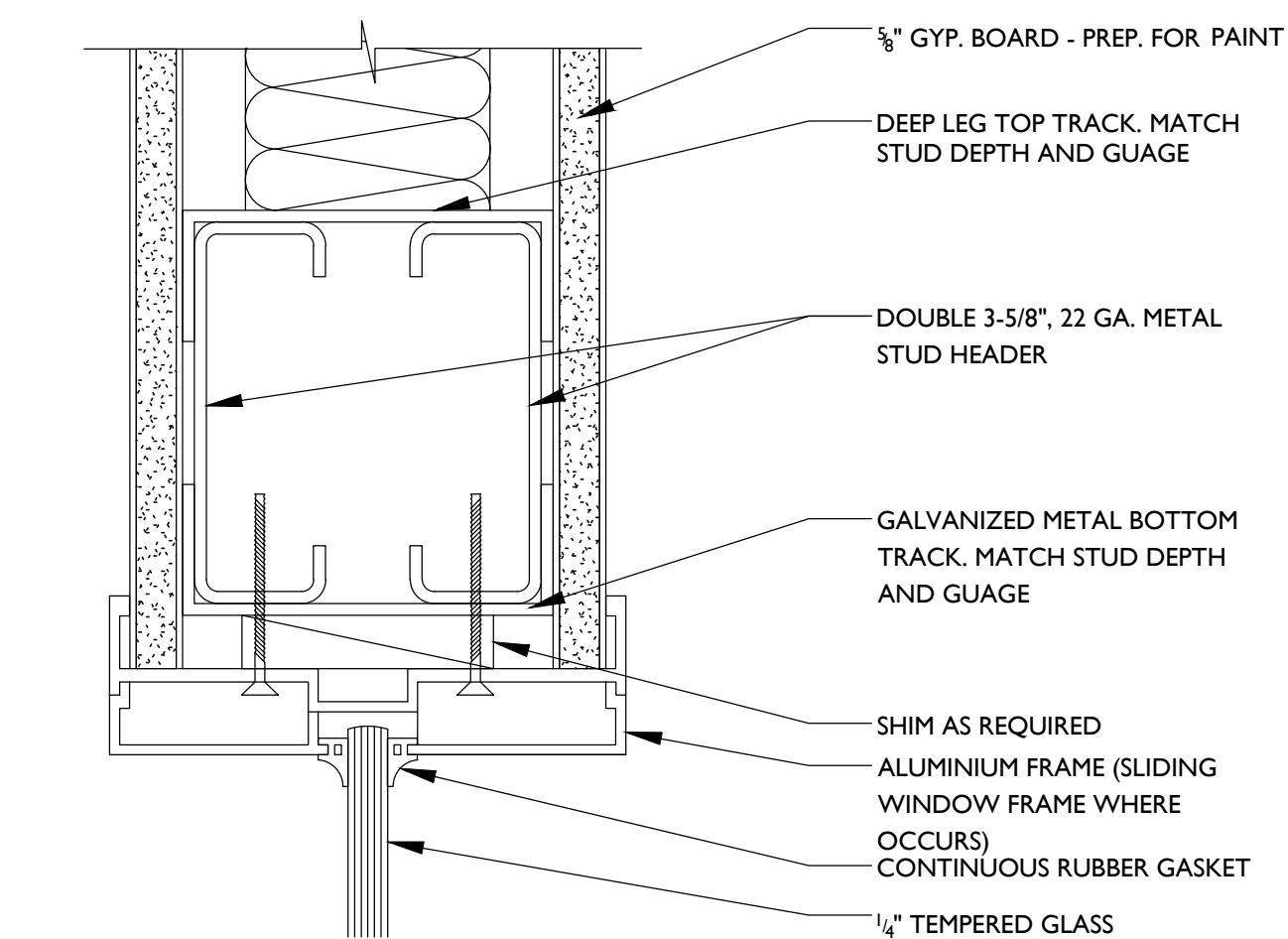
3 THRESHOLD TYP. CARPET @ DOOR

Scale: 6" = 1'-0"



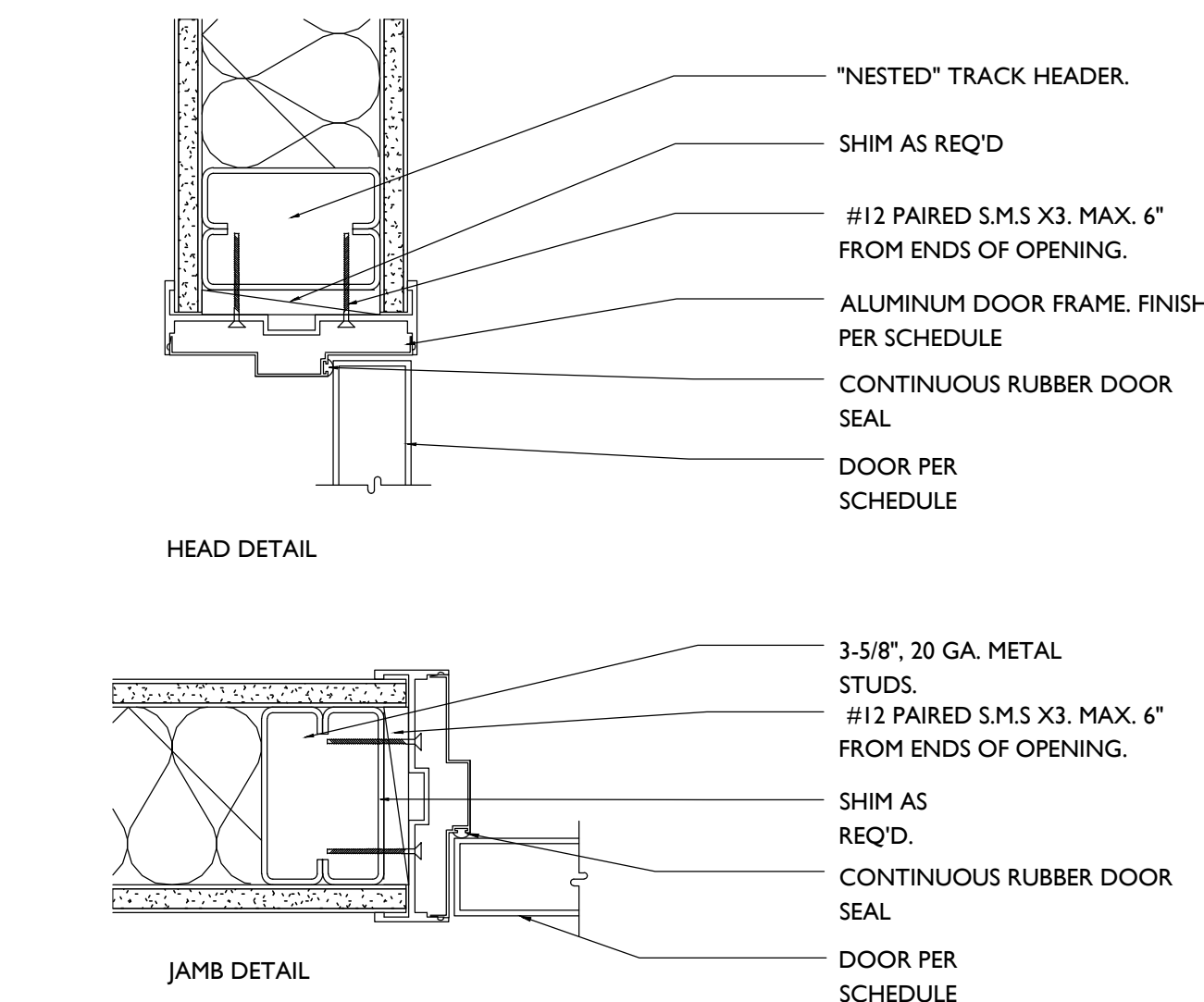
8 HIGH-LOW DRINKING FOUNTAIN SECTION

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



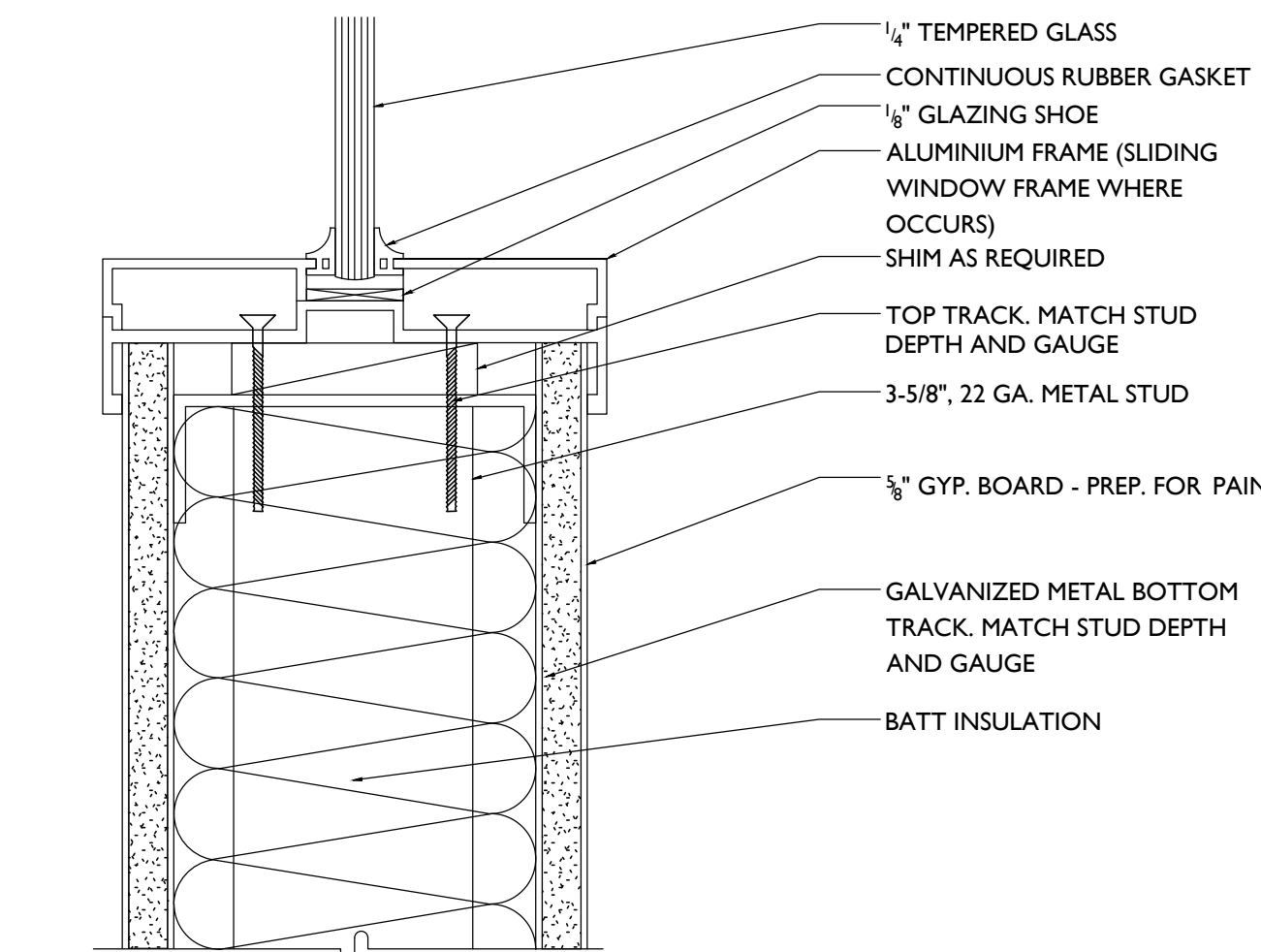
5 INTERIOR ALUMINIUM WINDOW FRAME @ HEAD

Scale: 6"=1'-0"



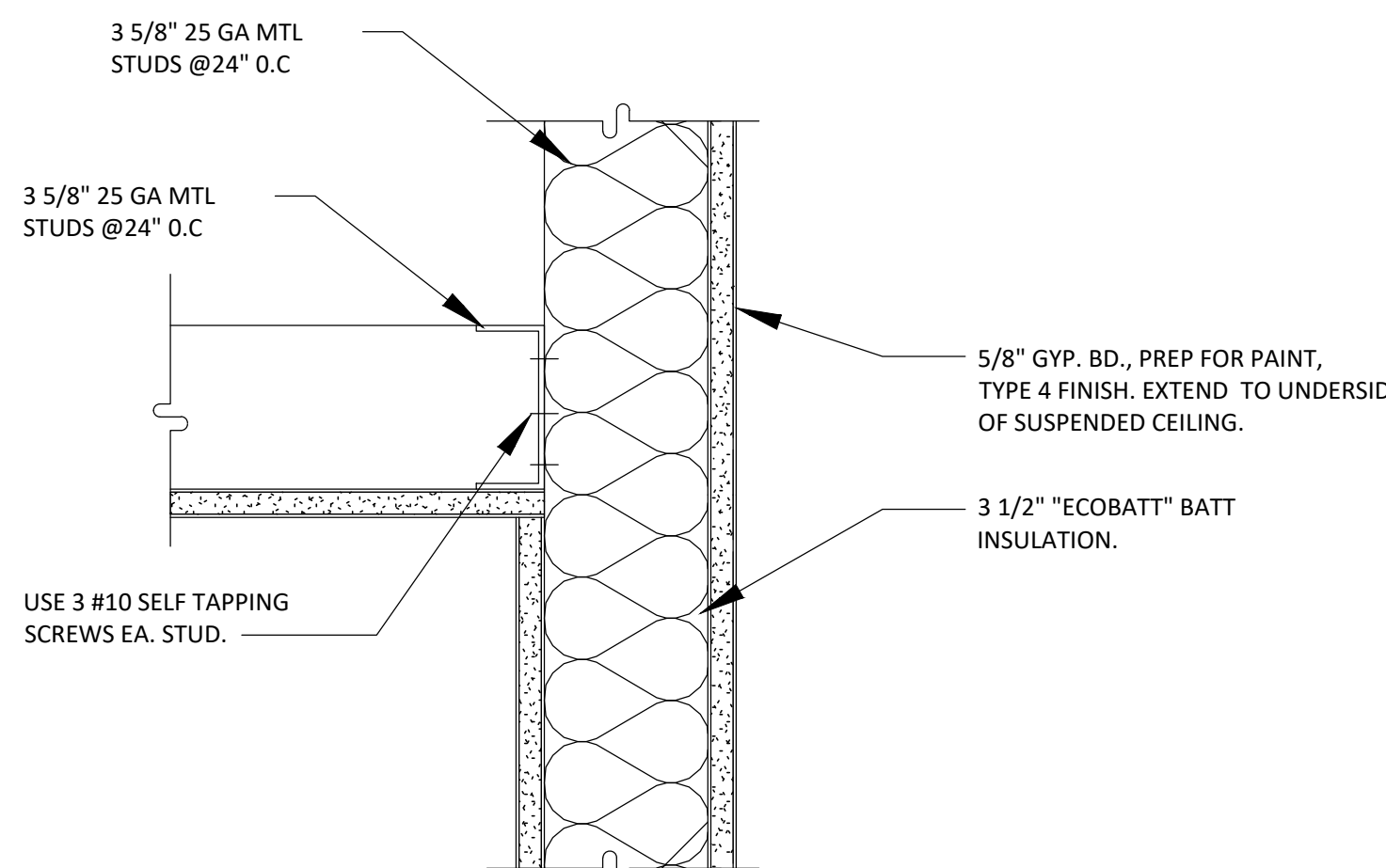
2 ALUMINUM DOOR FRAME JAMB/HEAD IN (N) WALL

Scale: 3" = 1'-0"



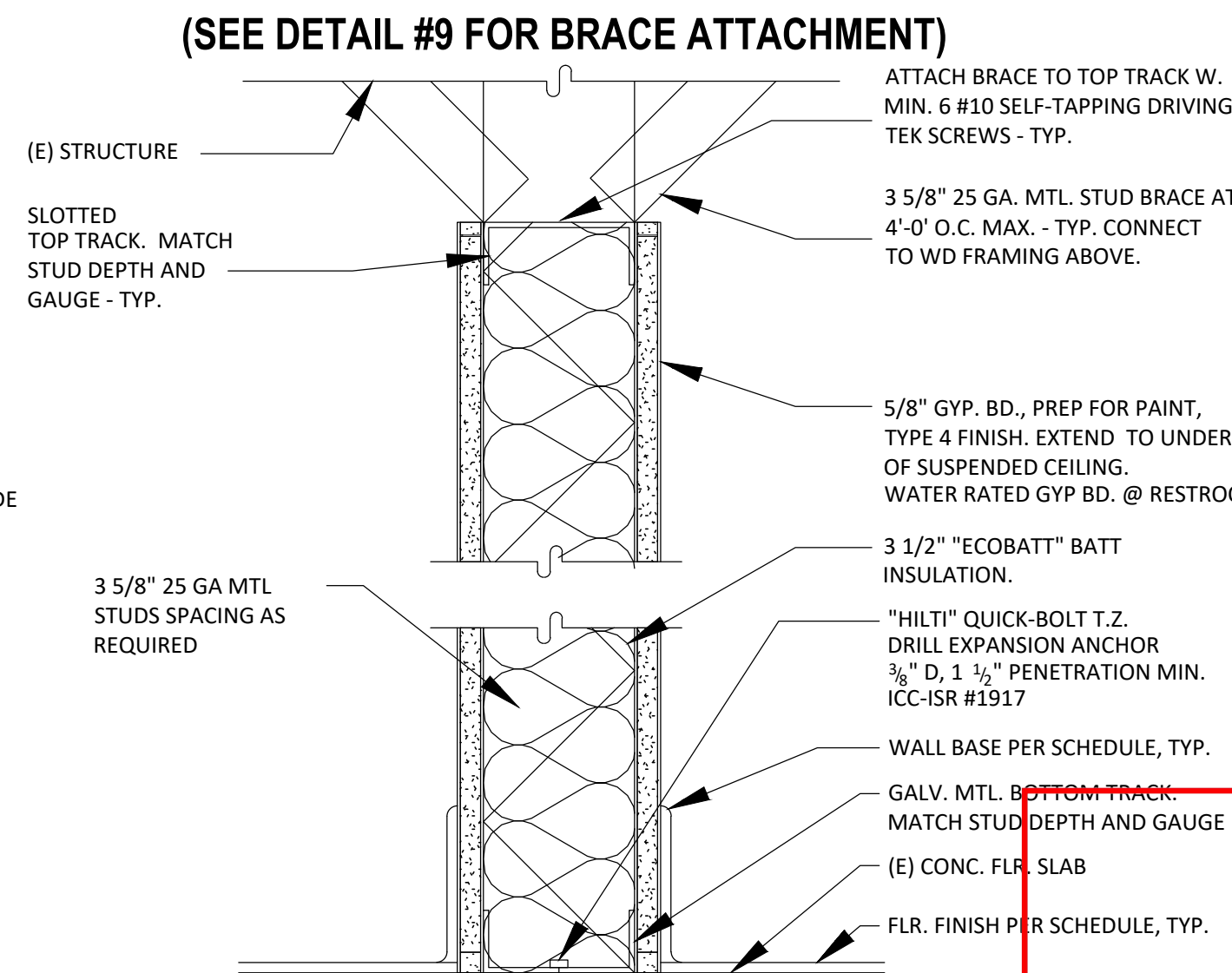
7 INTERIOR ALUMINIUM WINDOW FRAME @ SILL

Scale: 6" = 1'-0"



4 HARD LID CEILING DETAIL.

Scale: 3" = 1'-0"



1 TYP. NON RATED WALL

Scale: 3" = 1'-0"