

1. SITE DEVELOPMENT

- A. GRADE AND DEVELOP SITE SUCH THAT ALL PRIMARY BUILDING ENTRANCES ARE ACCESSIBLE TO THE PHYSICALLY DISABLED FROM THE PUBLIC WAY AND DISABLED PARKING PROVIDED.
- B. ONE ACCESSIBLE ROUTE SHALL CONNECT ACCESSIBLE BUILDINGS, FACILITIES AND SPACES ON THE SAME SITE. WHERE MORE THAN ONE ROUTE IS PROVIDED, ALL ROUTES SHALL BE ACCESSIBLE.
- C. IF AN ACCESSIBLE ROUTE HAS A CHANGE IN LEVEL GREATER THAN 1/2", THEN A CURB RAMP, RAMP, ELEVATOR, OR PLATFORM LIFT SHALL BE PROVIDED.
- D. ALL WALKS, HALLS, CORRIDORS, AISLES, AND OTHER SPACES THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL PROVIDE A MINIMUM CLEAR WIDTH OF 48 INCHES AND A CLEAR HEIGHT OF 80 INCHES.

2. WALKS AND SIDEWALKS

- A. WALKS AND SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2", AND SHALL BE A MINIMUM OF 48 INCHES IN WIDTH.
- B. ALL SIDEWALKS SHALL BE STABLE, FIRM AND SLIP RESISTANT.
- C. SURFACE CROSS SLOPES SHALL NOT EXCEED 1:48 (CBC 11B-03.3).
- D. WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN THE GRATING SHALL BE LIMITED TO 1/2" IN THE DIRECTION OF TRAFFIC FLOW.
- E. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2" WHEN CHANGES DO OCCUR. THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 EXCEPT THAT LEVELS NOT EXCEEDING 1/4" MAY BE VERTICAL.
- F. WHEN CHANGES IN LEVELS GREATER THAN 1/2" ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS OR RAMPS AS REQUIRED.
- G. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" SQUARE AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE BY 44" DEEP AT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK. SUCH WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
- H. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 5%, IT MUST COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS (PER CBC 11B-05).
- I. ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE LEVEL AREAS AT LEAST 5 FEET IN LENGTH AT INTERVALS NOT EXCEEDING 400 FEET.

3. ENTRANCES AND DOORWAYS

- A. PRIMARY ENTRANCES TO BUILDINGS AND FACILITIES SHALL BE MADE ACCESSIBLE TO THE DISABLED.
- B. ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED WITH AT LEAST ONE "ISA" SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED VISIBLE FROM APPROACHING PEDESTRIAN WAYS.
- C. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND ARE IN THE PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH/PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- D. HAND ACTIVATED DOOR HARDWARE SHALL BE CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR (CBC 11B-04.2.7).
- E. THE FLOOR OR LANDING ON EACH SIDE OF AN ENTRANCE OR PASSAGE DOOR SHALL BE LEVEL AND CLEAR. THE LEVEL AND CLEAR AREA SHALL BE A MINIMUM 60" SQUARE IN THE DIRECTION OF THE DOOR SWING AND A MINIMUM 44" SQUARE OPPOSITE THE DIRECTION OF DOOR SWING (48" IF THE DOOR HAS BOTH LATCH AND CLOSER). THE SQUARES SHALL BE MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION. SEE NOTE I BELOW FOR STRIKE SIDE REQUIREMENTS.
- F. THE WIDTH OF THE LEVEL AND CLEAR AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18" PAST THE STRIKE EDGE FOR INTERIOR DOORS AND THE PRIMARY ENTRANCE TO THE DWELLING UNIT.
- G. THE FLOOR OR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED NO GREATER THAN 1:2.
- H. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT SLIDING AND POCKET DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- I. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS FOR EXTERIOR DOORS AND 5 LBS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT SHALL BE APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. THE AUTHORITY HAVING JURISDICTION MAY INCREASE THE MAXIMUM EFFORT TO OPERATE FIRE DOORS TO ACHIEVE POSITIVE LATCHING, BUT NOT TO EXCEED 15 LBS MAX.
- J. EXIT DOORS MUST OPEN FROM THE INSIDE WITHOUT A KEY, OR ANY SPECIAL KNOWLEDGE OR EFFORT. EXIT DOORS FROM BUILDINGS OR ROOMS SERVING 10 OR FEWER OCCUPANTS MAY HAVE A NIGHT LATCH, DEADBOLT OR SECURITY CHAIN, AS LONG AS THE DOORS CAN STILL BE OPENED FROM THE INSIDE WITHOUT A KEY, SPECIAL KNOWLEDGE OR EFFORT. IN ADDITION, THESE DEVICES ARE NOT MOUNTED MORE THAN 48" ABOVE THE FLOOR. MANUALLY OPERATED EDGE BOLTS, SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS ARE PROHIBITED. WHEN EXIT DOORS ARE USED IN PAIRS AND AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF WITH THE FLUSH BOLT MUST HAVE NO DOORKNOB OR SURFACE MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF MUST NOT REQUIRE MORE THAN ONE OPERATION.
- K. EVERY REQUIRED EXIT MUST BE LARGE ENOUGH TO PERMIT A DOOR AT LEAST 3'-6" WIDE BY 6'-8" HIGH. EXIT DOORS SHALL OPEN AT LEAST 90 DEGREES AND PROVIDE A CLEAR WIDTH OF AT LEAST 32".
- L. THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE NO HIGHER THAN 1/2". SUCH THRESHOLDS SHALL BE BEVELED NO GREATER THAN 1:2.
- M. THE FLOOR LANDING IMMEDIATELY UPON THE ENTRY MAY BE SLOPED UP TO 1/8" PER FOOT IN THE DIRECTION AWAY FROM THE PRIMARY ENTRANCE FOR DRAINAGE.
- N. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS IN A VESTIBULE, SERVING OTHER THAN A REQUIRED EXIT STARWAY, MUST HAVE AT LEAST 48" OF CLEAR SPACE FROM ANY DOOR OPENING INTO THE VESTIBULE WHEN THE DOOR IS OPEN 90 DEGREES FROM ITS CLOSED POSITION. DOORS IN SERIES MUST SWING IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS.

ACCESSIBILITY NOTES

A. STAIRWAYS

- A. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. STAIRWAYS SHALL HAVE INTERMEDIATE HANDRAILS WHERE REQUIRED SUCH THAT ALL PORTIONS OF THE STAIRWAY WIDTH REQUIRED FOR EGRESS CAPACITY ARE WITHIN 30 INCHES OF A HANDRAIL. INTERMEDIATE HANDRAILS SHALL BE SPACED AT EQUAL INTERVALS WITHIN THE WIDTH OF THE STAIRWAY AND BE CONTINUOUS FOR THE ENTIRE LENGTH.
- B. HANDRAILS MUST BE 34 TO 38 INCHES ABOVE THE NOSING OF THE TREADS AND MUST EXTEND IN THE DIRECTION OF THE STAIR RUN FOR AT LEAST 12" BEYOND THE TOP NOSING AND 12" PLUS THE TREAD WIDTH BEYOND THE BOTTOM NOSING.
- C. ENDS SHALL BE RETURNED OR SHALL TERMINATE IN A NEWEL POST OR SAFETY TERMINAL.
- D. HANDRAILS PROJECTING FROM A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1-1/2 INCH BETWEEN THE WALL AND THE HANDRAIL.
- E. THE HANDGRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1-1/4 INCHES NOR MORE THAN 1-1/2 INCHES IN CROSS-SECTIONAL DIMENSION OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE AND SHALL HAVE A SMOOTH SURFACE WITH NO SHARP OR ABRASIVE CORNERS AND ALL EDGES MUST HAVE A MINIMUM 1/8" RADIUS.
- F. THE UPPER APPROACH AND THE LOWER TREAD OF EACH INTERIOR STAIR SHALL BE MARKED BY A STRIP OF CLEARLY CONTRASTING COLOR OR THE FULL WIDTH OF THE TREAD AT LEAST 2-INCHES WIDE PLACED PARALLEL TO AND NOT MORE THAN 1-INCH FROM THE NOSE OF THE STEP OR LANDING TO ALERT THE VISUALLY IMPAIRED. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR.
- G. WHERE STAIRWAYS OCCUR OUTSIDE A BUILDING, THE UPPER APPROACH AND ALL TREADS SHALL BE MARKED BY A STRIP OF CLEARLY CONTRASTING COLOR AT LEAST 2-INCHES WIDE AND PLACED PARALLEL TO AND NOT MORE THAN 1 INCH FROM THE NOSE OF THE STEP OR LANDING TO ALERT THE VISUALLY IMPAIRED. THE STRIP SHALL BE OF A MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIP SHALL BE ACCEPTABLE.
- H. ALL TREAD SURFACES SHALL BE SLIP RESISTANT.
- I. TREADS SHALL HAVE A SMOOTH, ROUNDED OR CHAMFERED EXPOSED EDGE, AND NO ABRUPT EDGES AT THE NOSING (LOWER FOOT EDGE).
- J. NOSING SHALL NOT PROJECT MORE THAN 1-1/4 INCH PAST THE FACE OF THE RISES BELOW.
- K. STAIR RISERS SHALL BE SOLID PER CBC 11B-50.4.

5. SANITARY FACILITIES

- A. WHEELCHAIR ACCESSIBLE WATER CLOSET COMPARTMENTS SHALL BE EQUIPPED WITH A DOOR THAT HAS AN AUTOMATIC CLOSING DEVICE, AND SHALL HAVE A CLEAR UNOBSTRUCTED OPENING WIDTH OF 32-INCHES WHEN LOCATED AT THE END AND 34-INCHES WHEN LOCATED AT THE SIDE WITH THE DOOR POSITION AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- B. TOILET FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS, NO MORE THAN 44-INCHES ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT.
- C. WHERE URINALS ARE PROVIDED AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 14-INCHES FROM THE WALL AND AT A MAXIMUM OF 17-INCHES ABOVE THE FLOOR SHALL BE PROVIDED.
- D. URINAL FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT.
- E. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED.
- F. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS PER FOOT. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
- G. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM GLASS EDGE NOT MORE THAN 40-INCHES ABOVE THE FLOOR.
- H. LOCATE TOWEL, SANITARY NAPKIN, AND WASTE RECEPTACLES WITH ALL OPERATION PARTS NOT MORE THAN 40 INCHES FROM THE FLOOR.
- I. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL OR PARTITION WITHIN 7" TO 9" TO CENTERLINE FROM THE FRONT EDGE OF THE TOILET SEAT. MOUNTED BELOW THE GRAB BAR, AT A MINIMUM HEIGHT OF 19 INCHES, AND 36 INCHES MAXIMUM TO THE FAR EDGE FROM THE REAR WALL. DISPENSERS SHALL PERMIT CONTINUOUS FLOW AND NOT CONTROL DELIVERY (CBC 11B-04.7.3).
- J. GRAB BARS, TUB AND SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL BE DESIGNED FOR 250 LB. PER CBC 1607A.8.2.
- K. GRAB BARS:
 1. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACE OF A GRAB BAR SHALL BE 1-1/4" TO 1-1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.
 2. IF THE GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2".
 3. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
 4. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
 5. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".

6. SWITCHES CONTROLS AND ELECTRICAL OUTLETS

- A. RECEPTACLE OUTLETS SHALL BE 15" MIN ABOVE THE FINISHED FLOOR TO THE BOTTOM OF THE BOX PER CBC 11B-308.1.2.
- B. SWITCHES SHALL BE 48" MAX. ABOVE THE FINISHED FLOOR TO THE TOP OF THE BOX (11B-308.1.1).
- C. IF REACH IS OVER AN OBSTRUCTION (FOR EXAMPLE, A BASE CABINET) BETWEEN 20" AND 25" IN DEPTH, THE MAXIMUM HEIGHT IS REDUCED TO 44" FOR FORWARD APPROACH, OR 46" FOR SIDE APPROACH PROVIDED THE OBSTRUCTION IS NO MORE THAN 24" IN DEPTH. THE OBSTRUCTION MAY NOT EXTEND MORE THAN 25" FROM THE WALL BENEATH THE CONTROL.
- D. THE LOCATION OF FIRE ALARM INITIATING DEVICES (BONES) SHALL BE LOCATED 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
- E. IF EMERGENCY WARNING SYSTEMS ARE REQUIRED THEY SHALL ACTIVATE A MEANS OF WARNING: THE HEARING IMPAIRED, FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.

- 1. THESE DOCUMENTS AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, ARE THE PROPERTY OF SVA ARCHITECTS, AND ARE NOT TO BE USED, IN WHOLE OR IN PART FOR ANOTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF SVA ARCHITECTS.
- 2. THE WORK SHOWN ON THESE DRAWINGS AS EXISTING CONDITIONS WAS PREPARED FROM INFORMATION FURNISHED BY THE OWNER. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, SVA ARCHITECTS INC. IS NOT RESPONSIBLE FOR THE ACCURACY OR ADEQUACY OF ANY WORK SHOWN AS EXISTING NOR IS SVA ARCHITECTS INC. RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO THESE DRAWINGS AS A RESULT.
- 3. EACH BIDDER SHALL POSSESS AT THE TIME OF BID A CLASS B OR THE APPROPRIATE CLASS C CONTRACTOR'S LICENSE PURSUANT TO PUBLIC CONTRACT CODE SECTION 3300 AND BUSINESS AND PROFESSIONS CODE SECTION 7028.15. THE SUCCESSFUL BIDDER MUST MAINTAIN THE LICENSE THROUGHOUT THE DURATION OF THIS CONTRACT.
- 4. FIRE SAFETY DURING CONSTRUCTION AND THE DURATION OF THIS CONTRACT:
 - A. GENERAL: FIRE SAFETY DURING CONSTRUCTION SHALL COMPLY WITH 2022 CALIFORNIA FIRE CODE TITLE 24, PART 9 CHAPTER 33.
 - B. ACCESS ROUTES: FIRE DEPARTMENT ACCESS ROUTES SHALL BE ESTABLISHED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410.
 - C. WATER SUPPLY: WATER MAINS AND HYDRANTS SHALL BE OPERATIONAL IN ACCORDANCE WITH SECTION 1412.
 - D. BUILDING ACCESS: ACCESS TO BUILDINGS FOR THE PURPOSE OF FIRE FIGHTING SHALL BE PROVIDED. CONSTRUCTION MATERIAL SHALL NOT BLOCK ACCESS TO BUILDINGS, HYDRANTS OR FIRE APPLIANCES.
 - E. ALTERATIONS OF BUILDINGS: SHALL COMPLY WITH APPLICABLE PROVISIONS OF SECTIONS 1405, 1411, 1413, AND 1415.
 - F. FIRE WATCH: MAINTAIN FIRE WATCH WHEN REQUIRED BY THE BUILDING OFFICIAL AND WHEN EXISTING FIRE PROTECTION SYSTEMS ARE SHUT DOWN FOR ALTERATIONS. FIRE WATCH SHALL REMAIN IN EFFECT UNTIL EXISTING FIRE PROTECTION SYSTEMS ARE RETURNED TO SERVICE OR AS ALLOWED BY THE BUILDING OFFICIAL.
 - G. PENETRATIONS TO FIRE RATED MATERIALS OR ASSEMBLIES SHALL BE RESTORED TO EQUAL RATING. FIRE STOP SYSTEMS AS LISTED BY UNDERWRITERS LABORATORIES SHALL BE INSTALLED PER FIRE RESISTANCE DIRECTORY. FIRE STOP SYSTEMS SHALL BE AS SPECIFIED.
- 6. STATIONMENT (TITLE 24, PART 6): NONRESIDENTIAL ENERGY STANDARDS COMPLIANCE: THE DESIGN INDICATED WITH THE REQUIREMENTS OF THE ENERGY CONSERVATION STANDARDS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THE PROPOSED BUILDING(S) WILL BE IN COMPLIANCE WITH THE ENERGY CONSERVATION STANDARDS PROVIDED IT IS (ARE) BUILT ACCORDING TO THESE DRAWINGS AND SPECIFICATIONS AND PROVIDED ANY FUTURE IMPROVEMENTS ARE COMPLETED ACCORDING TO THE REQUIREMENTS OF TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS. THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED TO INCLUDE ALL SIGNIFICANT ENERGY CONSERVATION FEATURES REQUIRED FOR COMPLIANCE WITH THE STANDARDS. BUILDING AREAS THAT ARE UNCONDITIONED AND/OR NOT SUBJECT TO THE STANDARDS ARE INDICATED ON THE PLANS.

ENVELOPE MANDATORY MEASURES:

- A. INSTALLED INSULATING MATERIALS SHALL HAVE BEEN CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.
- B. ALL INSULATING MATERIALS SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF [TITLE 24, PART 2, CALIFORNIA BUILDING CODE, SECTIONS 719 AND 2603.]
- C. ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL AND OBSERVABLE SOURCES OF AIR LEAKAGE SHALL BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED.
- D. SITE CONSTRUCTED DOORS AND WINDOWS SHALL BE CAULKED BETWEEN THE UNIT AND THE BUILDING, AND SHALL BE WEATHERSTRIPPED (EXCEPT FOR UNFRAMED GLASS DOORS AND FIRE DOORS).
- E. MANUFACTURED DOORS AND WINDOWS INSTALLED SHALL HAVE AIR INFILTRATION RATES CERTIFIED BY THE MANUFACTURER IN ACCORDANCE WITH TITLE 24, PART 6, CALIFORNIA CODE OF REGULATIONS, SECTION 116(a)(1).
- F. MANUFACTURED PENETRATION PRODUCTS IN THE ENVELOPE OF THE BUILDING, INCLUDING, BUT NOT LIMITED TO, WINDOWS, SLIDING GLASS DOORS, FRENCH DOORS, SKYLIGHTS, CURTAIN WALLS, AND GARDEN WINDOWS MUST BE LABELED FOR U-VALUE IN ACCORDANCE WITH THE (NRC) NATIONAL PENETRATION RATING COUNCIL'S INTERN U-VALUE RATING PROCEDURE.
- G. DEMISING WALL INSULATION SHALL BE INSTALLED IN ALL OPAQUE PORTIONS OF FRAMED WALLS (EXCEPT DOORS).
- H. INSPECTOR OF RECORD REQUIREMENTS: A. ONE OR MORE INSPECTORS EMPLOYED BY THE OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS WILL BE ASSIGNED TO THE WORK. THE INSPECTOR DUTIES ARE SPECIFICALLY DEFINED IN SECTION 4-342 OF SAID TITLE 24, PART 1 AND IN ADDITION SHALL BE AS STIPULATED IN INTERPRETATION OF REGULATION DOCUMENT ITR A-8. INSPECTOR SHALL BE A CLASS (B) INSPECTOR THROUGH THE DIVISION OF THE STATE ARCHITECT INSPECTOR EXAMINATION PROGRAM. INSPECTOR SHALL ALSO BE SPECIFICALLY APPROVED BY THE DIVISION OF THE STATE ARCHITECT FOR THIS PROJECT AT LEAST 10 DAYS PRIOR TO THE START OF ANY WORK FOR THIS PROJECT.
- I. ALL WORK SHOWN ON THESE DRAWINGS SHALL COMPLY WITH THE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
- J. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CDD APPROVED BY THE DIVISION OF THE STATE ARCHITECT.
- K. GRADING PLANS, DRAINAGE IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.
- L. DRINKING WATER SHALL COMPLY WITH ALL LOCAL HEALTH DEPARTMENT REQUIREMENTS.
- M. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE CODES. ALL ENGINEERING SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL, STATE AND FEDERAL REGULATIONS HAVING JURISDICTION INCLUDING ACCESSIBILITY STANDARDS AND ADA REQUIREMENTS.
- N. DO NOT SCALE THE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO BIDDING AND START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE COMMENCING WORK.
- O. ALL DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY UNITS, CENTERLINE OF COLUMNS AND BEAMS, OR FACE OF STUDS, UNLESS OTHERWISE NOTED. FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE SLAB OR TOP OF INTERIOR PAVING UNLESS NOTED OTHERWISE. CEILING HEIGHT DIMENSIONS ARE TO FINISHED SURFACES UNLESS NOTED OTHERWISE.
- P. THE ~~OVER-PROTECTION, MECHANICAL~~, PLUMBING, AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE PROCEEDING WITH INSTALLATION OF CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL WORK. SHOULD THERE BE ANY DISCREPANCIES BETWEEN THE ARCHITECT'S AND THE CONSULTING ENGINEER'S DRAWINGS AND SPECIFICATIONS THAT WOULD CAUSE A CONFLICT, IT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER OR ARCHITECT.
- Q. ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF THE CONTRACTOR HAS QUESTIONS REGARDING ABBREVIATIONS OR THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
- R. DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL SIMILAR CASES UNLESS SPECIFICALLY INDICATED OTHERWISE.

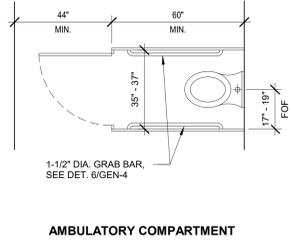
GENERAL NOTES

- 18. ALL RUBBISH AND DEBRIS RESULTING FROM DEMOLITION AND/OR NEW WORK SHALL BE DISPOSED OF OFF-SITE AND SHALL NOT BE ALLOWED TO ACCUMULATE.
- 19. SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH SECTION 01 30 00 OF SPECIFICATIONS AND AS REQUIRED BY INDIVIDUAL SPECIFICATION SECTIONS.
- 20. NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL. REQUEST FOR SUBSTITUTION SHALL BE IN ACCORDANCE WITH SECTION 01 60 00 OF SPECIFICATIONS.
- ~~21. ALL METAL FRAMING MEMBERS SHALL BE CO ARRANGED AND SPACED AS TO PERMIT INSTALLATION OF PIPE CONDENSATE AND DUCT WORK WITH A MINIMUM OF CUTTING. SHAFT WALLS SHALL BE PROVIDED WITH NECESSARY FRAMES, BRACINGS, AND SEALANT AROUND THE OPENINGS. DETAILS SHALL BE PROVIDED WHERE REQUIRED SO THAT FINISH WALL SURFACE WILL BE FLUSH.~~
- 22. OFFSET STUDS WHERE REQUIRED SO THAT FINISH WALL SURFACE WILL BE FLUSH.
- 24. DOORS IN RATED WALLS SHALL CONSIST OF SELF-CLOSING, SELF-LATCHING ASSEMBLIES WITH SMOKE AND DRAFT SEALS AT HEAD AND JAMBS. DOOR ASSEMBLY RATINGS SHALL BE AS INDICATED ON DOOR AND ACTIVATED BY SMOKE DETECTORS.
- 25. INSTALL METAL CORNER BEADS AT ALL EXPOSED GYPSUM BOARD EDGES. INSTALL CASING BEADS WHEREVER GYPSUM BOARD, PLASTER, ETC. ABUTS DISSIMILAR FINISH MATERIAL AND PROVIDE SEALANT AS REQUIRED.
- ~~26. CEILING BOARD SHALL EXTEND TO UNDERSIDE OF STRUCTURE ABOVE ALL COLUMNS AND EXTERIOR PERIMETER WALLS UNLESS OTHERWISE NOTED. WELD FURRING CHANNELS TO STEEL COLUMN PRIOR TO FIRE PROTECTING WHEN REQUIRED.~~
- 27. CONTRACTOR SHALL PROVIDE AND INSTALL ALL SHEENERS, BRACING, BACK-UP PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, STAIR RAILINGS, TOILET ROOM ACCESSORIES AND PARTITIONS, AND OF ALL WALL MOUNTED OR SUSPENDED MECHANICAL, ELECTRICAL, OR MISCELLANEOUS EQUIPMENT.
- 28. ALL GLAZING SHALL COMPLY WITH THE CONSUMER PRODUCT SAFETY COMMISSION REQUIREMENTS (C.P.S.C.), CFC, AND CBC.
- 29. CONTACT BETWEEN DISSIMILAR MATERIAL SHALL BE PROTECTED.
- 30. ALL DOOR SIZES SHOWN ON DOOR SCHEDULE ARE OPENING SIZES. ALLOWANCE FOR THRESHOLDS, ETC. SHALL BE TAKEN OFF DOOR. ALL DOORS AND FRAME SHALL BE REINFORCED WHERE REQUIRED FOR CLOSERS, STOPS, AND HARDWARE.
- ~~31. ROOFING SYSTEM SHALL BE IDENTIFIED LISTING AS A CLASS "NO SYSTEM" SYSTEM. ALL MANUFACTURED MATERIALS USED SHALL BEAR THE APPROPRIATE LABEL.~~
- 32. ALL WOOD TRIM, SPACER, FILLER, ETC., THROUGHOUT JOB SHOULD BE FIRE TREATED.
- 33. INSPECTION AND TESTING LABORATORY MUST BE IN THE EMPLOY OF THE OWNER, NOT THE CONTRACTOR.
- 34. MINIMUM HEADROOM CLEARANCE AT STAIRS SHALL BE 6'-8" MEASURED VERTICALLY FROM A PLANE PARALLEL AND TANGENT TO THE TREAD NOSING TO THE SOFFIT ABOVE AT ALL POINTS.
- 35. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE. LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
- 36. EXIT SIGNS SHALL HAVE 6" MINIMUM HEIGHT LETTERS AND SHALL CONFORM TO SECTION 1013 OF THE CALIFORNIA BUILDING CODE.
- 37. FURNISH AND INSTALL ACCESS DOORS, FIRE DAMPERS, ETC. IN CEILING AND WALL CONSTRUCTION LOCATED AS REQUIRED BY INSTALLATION OF MECHANICAL PLUMBING, AND ELECTRICAL WORK AND AS APPROVED BY THE ARCHITECT. PROVIDE RATED ASSEMBLIES IN RATED WALLS AND CEILING AND SHALL BE APPROVED BY BUILDING INSPECTOR PRIOR TO INSTALLATION.
- 38. FURNISH AND INSTALL EMERGENCY LIGHTING AS SPECIFIED AND INDICATED BUT IN NO CASE SHALL THE LIGHT VOLUME BE LESS THAN ONE FOOT CANDLE AT FLOOR LEVEL IN ALL EXIT CORRIDORS AND STAIR SHAFTS (CBC SECTION 1008).
- 39. THERE SHALL BE NO TRENCHES OR EXCAVATIONS 5' OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND UNLESS A PERMIT IS OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE ISSUANCE OF A BUILDING OR GRADING PERMIT.
- 40. THE CONSTRUCTION OR DEMOLITION OF ANY BUILDING, STRUCTURE, SCAFFOLDING OR FALSEWORK MORE THAN 3 STORIES OR 36' IN HEIGHT REQUIRES A PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- 41. GLASS DOORS, ADJACENT PANELS AND ALL GLAZED OPENINGS WITHIN 18" OF THE ADJACENT FLOOR SHALL BE GLASS APPROVED FOR IMPACT HAZARD.
- ~~42. ALL LIGHT GAUGE METAL STUDS AND BRACING SHALL COMPLY WITH 2022 CALIFORNIA BUILDING CODE.~~
- ~~43. INSTALLATION OF CHIRING, UNDERPINNING, AND/OR SLIP CUTTING EXCAVATIONS SHALL BE PERFORMED UNDER THE CONTINUOUS INSPECTION AND APPROVAL OF THE GEOTECHNICAL ENGINEER.~~
- 44. ALL CONSTRUCTION SHALL PERFORMED IN ACCORDANCE WITH THE STATE CONSTRUCTION SAFETY ORDERS ENFORCED BY THE STATE DIVISION OF INDUSTRIAL SAFETY.
- 45. DIMENSIONS AND CONDITIONS AT THE JOB SITE SHALL BE VERIFIED BY ALL CONTRACTORS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXAMINE THE EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS TO THE OWNER SINCE PROPOSALS MUST TAKE INTO CONSIDERATION ALL SUCH CONDITIONS THAT MAY AFFECT THE WORK. DISCREPANCIES IN THE DRAWINGS OR BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE ARCHITECT. REVISED DRAWINGS OR INSTRUCTIONS SHALL BE ISSUED BY THE OWNER PRIOR TO THE INSTALLATION OF ANY WORK.
- ~~46. CONTRACTORS SHALL PROVIDE AND INSTALL ALL CONCRETE HOUSEKEEPING PADS FOR MECHANICAL AND ELECTRICAL EQUIPMENT AS REQUIRED.~~
- 47. ALL GYPSUM WALL BOARD TO BE 5/8" THICK TYPE 'X' UNLESS OTHERWISE NOTED OR REQUIRED FOR SPECIFIC WALL CONSTRUCTION.
- 48. THERMAL INSULATION SHALL BE PROVIDED PER TYPICAL ASSEMBLIES NOTED ON DRAWINGS. REFER TO SPECS FOR PRODUCT INFORMATION.
- ~~49. PROVIDE TEMPERED GLASS AT LOCATIONS REQUIRED BY CBC SECTION 2406 AND BY OTHER APPLICABLE CODE.~~
- ~~50. ROOF DRAINS DISCHARGING WATER MUST BE CONDUCTED UNDER THE SIDEWALK.~~
- 51. DOORS SHALL NOT PROJECT MORE THAN 7 INCHES INTO THE REQUIRED CORRIDOR WIDTH WHEN FULLY OPENED OR MORE THAN ONE HALF INTO THE REQUIRED WIDTH WHEN IN ANY POSITION. (CBC SECTION 1005.7.1)
- 52. PUBLIC HALLWAYS AND EXIT COURT PASSAGEWAYS TO HAVE 7'-0" CLEAR HEIGHT TO LOWEST PROJECTION. (CBC SECTION 1005.3)
- 53. OCCUPANCY LOAD SIGNS SHALL BE POSTED IN EACH CLASSROOM, ASSEMBLY ROOM, OR SIMILAR PURPOSE ROOM, HAVING AN OCCUPANT LOAD OF 50 OR MORE.
- 54. DUCT PENETRATIONS THROUGH PROTECTIVE ELEMENTS OF FIRE RATED CORRIDOR WALLS SHALL BE PROTECTED WITH A COMBINATION FIRE SMOKE DAMPERS PER CBC SECTION 714.
- 55. NO CHANGES ARE TO BE MADE ON THESE PLANS WITHOUT THE KNOWLEDGE OR CONSENT OF THE ARCHITECT/ENGINEER WHOSE SIGNATURE APPEARS HEREON.
- 56. THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- 57. LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE AND CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING ON THIS SITE TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WHETHER SHOWN HEREON OR NOT AND TO PROTECT THEM FROM DAMAGE. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY ANY OTHER CONTRACT. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT SHOULD ANY UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BEAR ALL EXPENSE OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE PROSECUTION OF THIS WORK.
- 58. THE PROJECT APPLICANT SHALL COMPLY WITH THE REQUIREMENTS OF THE ENGINEERING DIVISION FOR ALL PUBLIC IMPROVEMENTS.

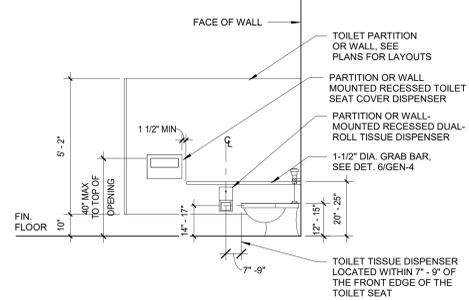
ABBREVIATIONS

A.B.	ANCHOR BOLT (S)	M.C.	MEDICINE CABINET
A.C.	ASPHALT CONCRETE PAVING	M.ECH.	MECHANICAL
ACOUS	ACOUSTIC	M.EMB.	MEMBRANE
AC. T.	ACQUISITIONAL TILE	M.F.	MECHANICAL
AD.	AREA DRAIN	MFG.	MANUFACTURE
ADJ.	ADJUSTABLE	M.H.	MAN HOLE
AGG.	AGGREGATE	MIN.	MIRROR
AL.T.	ALTERNATE	MIR.	MIRROR MOUNTING
ALUM.	ALUMINUM	MTG.	MOUNTING
APPROX.	APPROXIMATE	MTL.	METAL
APT.	APARTMENT	N.	NORTH
ASPH.	ASPHALT	NAT.	NATURAL
A.S.T.M.	AMERICAN SOCIETY OF TESTING MATERIALS	N.I.C.	NOT IN CONTRACT
@	AT	N.O.	NUMBER NOT TO SCALE
B.B	BOTTOM OF BEAM	O.	OVER
BD.	BOARD	O.C.	ON CENTER
BLK.	BLOCK	O.D.	OVERFLOW DRAIN
BLK.G.	BLOCKING	O.P.	OPPOSITE
BM.	BEAM	OV.	OVER
BOT.	BOTTOM	OVHD.	OVERHEAD
BDRM.	BEDROOM	PB.	PUSHBUTTON
BROOM	BROOM	PC	PULL CHAIN
CAB.	CABINET	PL	PLATE
CPT.	CARPET	PL	PROPERTY LINE
C.B.	CATCH BASIN	PLAS.	PLASTER
CEM.	CEMENT	PL.GLS.	PLASTER GLASS
CEM. PLAS.	CEMENT PLASTER	PLAST.	PLASTER
CEN.	CENTER LINE	P.L.W.Y.D.	P.L.W.Y.D.
CER.	CERAMIC	P.N.L.	PANEL
C.I.	CAST IRON	PAR.	PARALLEL
CIRC.	CIRCULAR	PREST.	PRECAST
CLG.	CEILING	PREFAB.	PRE-FABRICATED
CLR.	CLEAR	ERJEM	ERJEM
C.M.T.	CERAMIC MOSAIC TILE COMPOSITION	ORY.	QUARRY
CMPC.	CONCRETE	QTY.	QUANTITY
CONC.	CONCRETE	R.	RADIUS
CONT.	CONTINUOUS	RA.	RETURN AIR GRILLE
CSK.	COUNTERSUNK	R.G.	RETURN AIR GRILLE
CU.	CUBIC FEET	R.D.	ROOF DRAIN
CU. FT.	CUBIC FEET	R.D.W.D.	REDWOOD
CU. YD.	CUBIC YARD	RECP.	RECEPTACLE
D.	DRYER	REF.	REFRIGERATOR
D.OUGLAS FIR	DOUGLAS FIR	REG.	REGISTER
D.F.	DRINKING FOUNTAIN	REINF.	REINFORCEMENT
DIAP.	DIAPHRAGM	REO.D.	REQUIRED
DIM.	DIMENSION	RESIL.FLR.	RESILIENT FLOORING
DN.	DOWN	RETAIN.	RETAINING
DNDR.	DOWN DOOR	RF.	ROOF
D.S.	DOWN SPOUT	R.F.	ROOFING
DSP.	DRY STANDING	RO.	ROUGH
DUR.	DURABLE	R.O.	ROUGH OPENING
D.W.	DISHWASHER	R.B.	RUBBER (RESILIENT) RUBBER
DWG.S.	DRAWINGS	S.	SOUTH
E.	EAST	S.D.	SOLID CORE
EA.	EACH	S.D.D.	STORM DRAIN
EAC.	EXPANSION JOINT	SH.	SHEET
ELEV.	ELEVATION	SH.TG.	SHEATHING
ENCL.	ENCLOSURE	SHI.	SIMILAR
EQ.	EQUAL	SHLF AND POLE.	SHELF AND POLE SPECIFICATIONS
EQUIP.	EQUIPMENT	SPRINKL.	SPRINKLER
E.W.W.M.	ELECTRIC WELDED WIRE MESH	SQ. IN.	SQUARE INCH
EXP.	EXPANSION	SQ. FT.	SQUARE FOOT
EXP.	EXPANDED	ST.	STEEL
EXT.	EXTERIOR	STR.	STRUC.
EXTR.	EXTINGUISHER	STRUC.T.	STRUCTURAL
FHS.	FLAT HEAD SCREW	SUSP.	SUSPENDED
F.A.U.	FORCED AIR UNIT	SW.	SMOOTH FOUR SIDES
F.F.	FINISH FLOOR	T.	TREAD
FIX.	FIXTURE	T&B	TOP AND BOTTOM
FHW.S.	FLAT HEAD WOOD SCREW	T.B.	TOP OF BEAM
FIN.	FINISH	T.C.	TOP OF CURB
FIXT.	FIXTURE	T.C.	TOP OF CONCRETE
FLASH.	FLASHING	T.C.G.	TOP OF GATE
FLR.	FLOOR	T.E.L.	TELEPHONE
FLR.G.	FLOORING	TEMP.	TEMPERED
FLOOR.	FLOORING	THK.	THICK
FLOOR.	FLOORING	THK& GROOVE	TONGUE AND GROOVE
F.L.C.	FACE OF CONCRETE	THRESH.	THRESHOLD
F.O.C.	FACE OF CONCRETE	T.P.	TOP OF PAVING
F.O.M.	FACE OF MASONRY	T.S.	TOP OF SHEATHING
F.O.S			

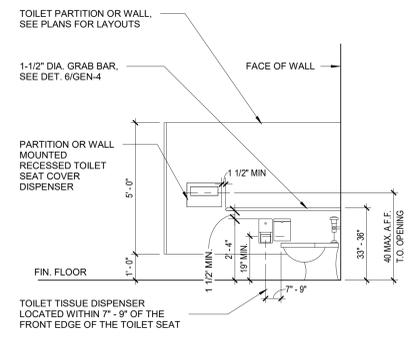
SUGGESTED DIMENSIONS				
DIMENSIONS	ADULT AGE 12+	ELEMENTARY AGE 9-12	ELEMENTARY AGE 5-8	KINDERGARTEN AGE 3-4
TOILET CENTERING FROM WALL	17-18	15-18	12-15	12
TOILET SEAT HEIGHT	17-19	15-17	12-15	11-12
GRAB BAR HEIGHT (TOP OF BAR)	33-36	25-27	20-25	18-20
TOILET PAPER DISPENSER HEIGHT	19 MIN.	17-19	14-17	14
TOILET PAPER IN FRONT OF TOILET	7-9 (CL)	7-9 (CL)	7-9 (CL)	7-9 (CL)
DISPENSER OR MIRROR BOTTOM OF REFLECTING SURFACE HEIGHT	40 MAX	40 MAX	40 MAX	40 MAX
LAVATORY SINK TOP HEIGHT	34 MAX	31 MAX	31 MAX	31 MAX
LAVATORY SINK KNEE CLEARANCE	27 MIN	24 MIN	PARALLEL APPROACH PERMITTED	
URINAL LIP HEIGHT	17 MAX	17 MAX	17 MAX	17 MAX
URINAL FLUSH HANDLE HEIGHT	44 MAX	44 MAX	44 MAX	44 MAX
DRINKING FOUNTAIN BUBBLER HEIGHT	36 MAX	36 MAX	30 MAX	30 MAX
DRINKING FOUNTAIN KNEE CLEARANCE	27 MAX	27 MAX	PARALLEL APPROACH PERMITTED	
RAMP/STAIR HANDRAIL HEIGHT	34-38	34-38	34-38	34-38



AMBULATORY COMPARTMENT

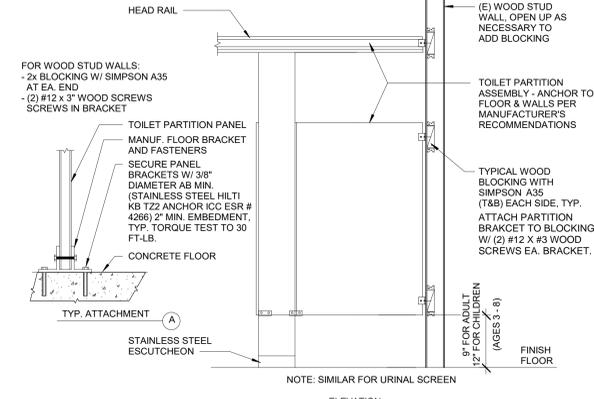


ACCESSIBLE STUDENT TOILET COMPARTMENT ACCESSORIES INDIVIDUAL ITEMS

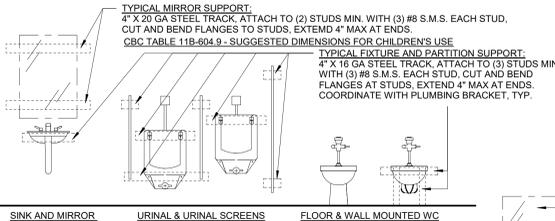


PARTITION DETAIL

SCALE: 1" = 1'-0"



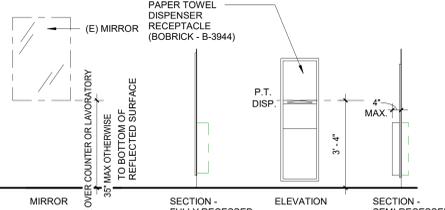
NOTE: SIMILAR FOR URINAL SCREEN



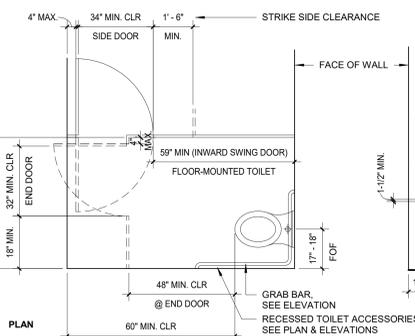
FIXTURE MOUNTING



NOTE: VERIFY LOCATION OF BLOCKING WITH TYPE AND LOCATION OF FIXTURE OR PARTITION BEFORE INSTALLATION. SEE PLAN FOR ACTUAL FIXTURE LOCATION. REFER TO MANUFACTURER FOR RECOMMENDED MOUNTING HARDWARE.



TOILET ROOM ACCESSORY MOUNTING HEIGHTS

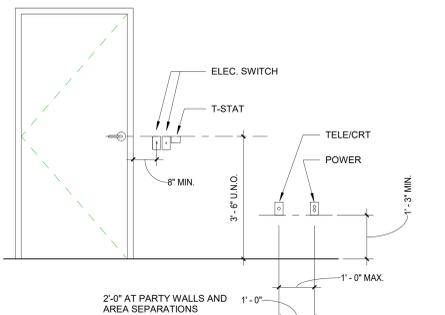


TOILET ROOM PLUMBING FIXTURE HEIGHTS/DIMENSIONS

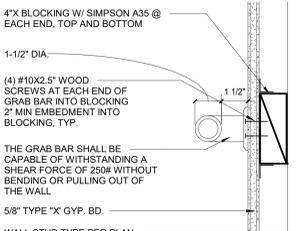
NOTE: ALL DIMENSIONS SHOWN ABOVE ARE FOR ADULT USE, REFER TO TABLE 1115B-1 (TO THE LEFT) FOR SUGGESTED DIMENSIONS FOR CHILDREN'S USE. (FOR AGE GROUPS 3-4 & 5-8)

TOILET ROOM ACCESSORY & PLUMBING FIXTURE HEIGHT 3/8" = 1'-0" 2

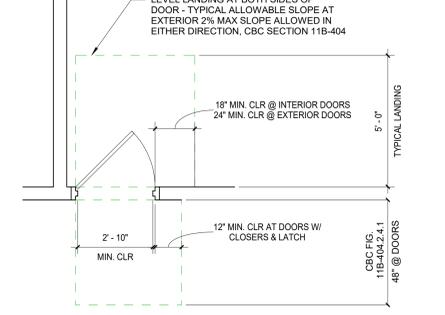
- SWITCHES, CONTROLS AND ELECTRICAL OUTLETS:** (REFER TO DETAIL GEN-4)
 - ELECTRICAL AND COMMUNICATION SYSTEMS OUTLETS SHALL BE MOUNTED NOT LESS THAN 15 INCHES ABOVE THE FLOOR OR WORKING PLATFORM TO BOTTOM OF BOX.
 - THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE WITHIN 15 INCHES TO NO MORE THAN 4 FEET ABOVE THE FLOOR OR WORKING PLATFORM AT BOTH FORWARD AND PARALLEL APPROACH.
 - IF REACH IS OVER AN OBSTRUCTION (FOR EXAMPLE, A BASE CABINET) BETWEEN 20" AND 25" IN DEPTH, THE MAXIMUM HEIGHT IS REDUCED TO 44" FOR FORWARD APPROACH. FOR SIDE APPROACH PROVIDED THE OBSTRUCTION IS NO MORE THAN 24" IN DEPTH, THE MAXIMUM HEIGHT IS REDUCED TO 46". THE OBSTRUCTION MAY NOT EXTEND MORE THAN 24" FROM THE WALL BENEATH THE CONTROL.
 - FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 48" ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE, OR SIDEWALK.
 - IF EMERGENCY WARNING SYSTEMS ARE REQUIRED THEY SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.



ELEVATION



GRAB BAR MOUNTING 3/8" = 1'-0" 6



DOOR LANDING 3/8" = 1'-0" 4A

- ADDITIONAL COMPLIANCE REQUIREMENTS:**
 - AT LEAST 5% AND A MINIMUM WIDTH OF 36" OF EACH TABLE/COUNTER WORK SURFACE AND/OR TRANSACTION STATION IN EMPLOYEE WORK AREAS, SHALL HAVE A SURFACE BETWEEN 28" AND 34" ABOVE THE FLOOR. (CBC 11B-203.9)
 - WARNING SYSTEMS SHALL COMPLY WITH NFPA 72 AND 720 (AS AMENDED BY CHAPTER 35) AND SHALL PROVIDE VISUAL ALARMS (I.E. STROBES) IN RESTROOMS, CORRIDORS, MULTI-PURPOSE ROOMS, LOBBIES, MEETING ROOMS, AND ANY OTHER COMMON USE ROOMS (CBC 11B-702.1).
 - COUNTERTOPS AND WORK SURFACES SHALL BE ACCESSIBLE (HEIGHT BETWEEN 28" AND 34" AFF) W/ ACCESSIBLE CLEAR SPACE BELOW PER CBC 11B-902.1.
- ACCESSIBLE TOILET COMPARTMENTS:**
 - SEE TOILET ROOM FLOOR PLAN FOR ACCESSIBLE TOILET STALL LOCATION.
 - VERIFY TOILET ACCESSORIES & TYPE OF PARTITION IN SPECS.
 - PROVIDE BACKING IN WALL & TOILET PARTITION FOR GRAB BAR ANCHORAGE.
 - COMPARTMENT DOOR TO PROVIDE MINIMUM 18" STRIKE-SIDE CLEARANCE (CBC 11B-604.8.1.2).
 - INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR IS EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH IS A FLIP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING GRASPING OR TWISTING (CBC 11B-309.4).
 - OPENING HARDWARE IS MOUNTED BETWEEN 34" AND 44" ABOVE FINISH FLOOR (CBC 11B-404.2.7).
 - TOILET PAPER DISPENSER SHALL PERMIT CONTINUOUS PAPER FLOW AND SHALL NOT CONTROL DELIVERY (CBC 11B-604.7).
 - ACCESSIBLE COMPARTMENT DOOR EQUIPPED WITH AN AUTOMATIC CLOSING DEVICES (3 SECONDS MIN. SWEEP TIME FROM OPEN POSITION OF 70 DEGREES TO A POINT 3" FROM THE LATCH).
- SEE ACCESSIBILITY NOTES FOR ADDITIONAL REQUIREMENTS.
- FLUSH CONTROL SHALL BE ON WIDE SIDE OF TOILET COMPARTMENT AT ALL ACCESSIBLE STALLS, TYP.
- WHERE ONLY ONE TYPE OF TOILET FIXTURE OR ACCESSORY IS USED, IT SHALL BE POSITIONED FOR ACCESSIBILITY.

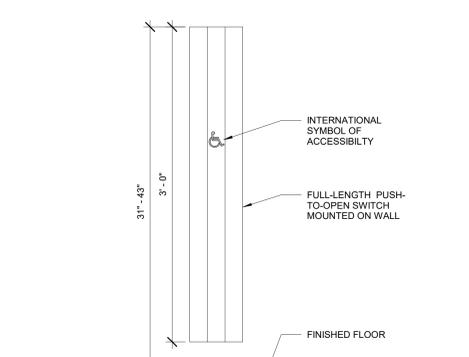
REVISIONS:

DESCRIPTION	DATE

PROJECT NO: Project Number
DATE ISSUED: Issue Date
SCALE: As indicated

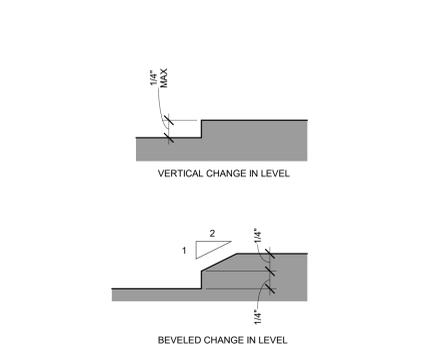
GEN-4
GENERAL ACCESSIBILITY

COMMON ELEC. ACCESSIBILITY NOTES 1/2" = 1'-0" 11



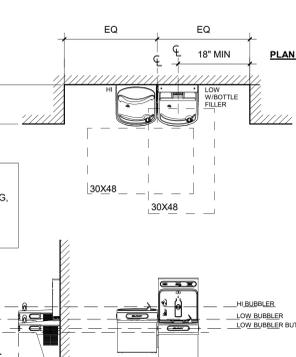
AUTOMATIC DOOR OPERATOR 1 1/2" = 1'-0" 8

SWITCHES, CONTROLS & OUTLETS 1/2" = 1'-0" 7



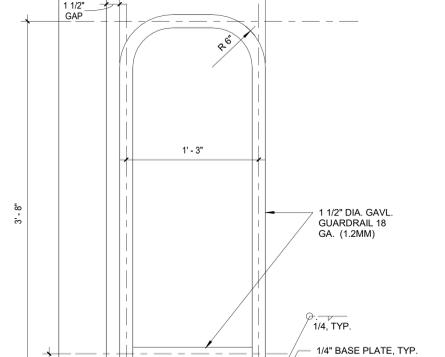
CHANGES IN LEVEL 1/2" = 1'-0" 4

GRAB BAR MOUNTING 3/8" = 1'-0" 6



DRINKING FOUNTAIN CLEARANCES 3/8" = 1'-0" 5

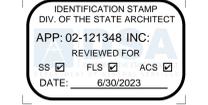
PIPE RAILS FLOOR MOUNTED 1 1/2" = 1'-0" 3



COMMON AREA ACCESSIBILITY NOTES 1/2" = 1'-0" 1



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OWNER: LODI UNIFIED SCHOOL DISTRICT
PROJECT NAME: BEAR CREEK HIGH SCHOOL RESTROOMS MODERNIZATION
CLIENT ADDRESS: 10555 THORNTON ROAD, STOCKTON, CA 95209



REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT NO: Project Number
 DATE ISSUED: Issue Date
 SCALE: As indicated

GEN-5

PROJECT SIGNAGE

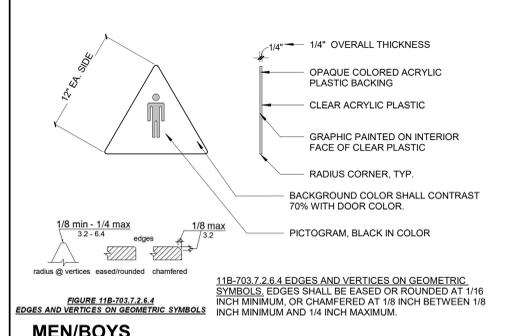


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 T 510 287 3180 WWW.SVAARCHITECTS.COM

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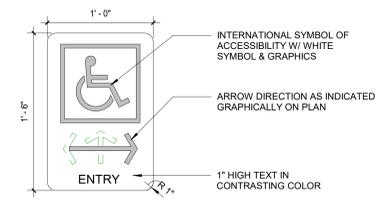
NO.	DESCRIPTION	SHT.
<input type="checkbox"/> A	RESTROOM DOOR SIGNAGE - WOMEN	2/GEN-5
<input type="checkbox"/> B	RESTROOM DOOR SIGNAGE - MEN	3/GEN-5
<input type="checkbox"/> C	RESTROOM WALL SIGN - WOMEN	6/GEN-5
<input type="checkbox"/> D	RESTROOM WALL SIGN - MEN	7/GEN-5
<input type="checkbox"/> E	ACCESSIBLE ENTRY DECAL	10/GEN-5
<input type="checkbox"/> F	DIRECTIONAL ACCESS SIGN	11/GEN-5

SIGNAGE LEGEND

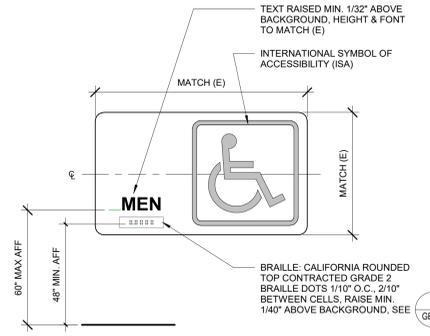


MEN/BOYS

NOTE:
 1. ATTACH SIGNS USING THREE FLATHEAD VANDAL RESISTANT COUNTERSUNK SCREWS AND ADHESIVE. SIGNS SHALL BE CENTERED ON THE DOOR AND MOUNTED BEING A 4'-10" MINIMUM AND A 5'-0" MAXIMUM ABOVE FINISH FLOOR LINE TO CENTER OF SIGN.
 2. EDGES AND VERTICES ON GENERIC SYMBOLS SHALL BE EASED OR ROUNDED @1/16" MIN. OR CHAMFERED @1/8" MAX. VERTICES SHALL BE RADIUSSED BETWEEN 1/8" MIN. AND 1/4" MAX. PER CBC 118-703.7.2.6.4

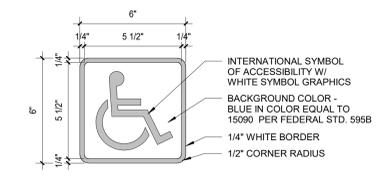


DIRECTIONAL ACCESS SIGN 1 1/2" = 1'-0" 11

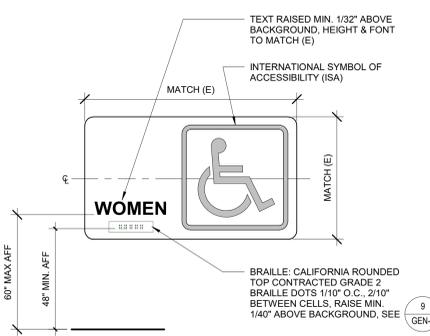


RESTROOM WALL SIGN - MEN/BOYS 3" = 1'-0" 7

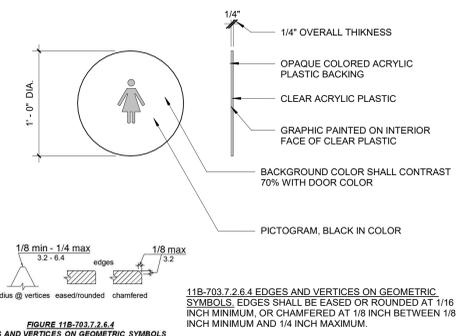
TOILET ROOM DOOR SYMBOL - MEN 1 1/2" = 1'-0" 3



ACCESSIBLE ENTRY DECAL 3" = 1'-0" 10



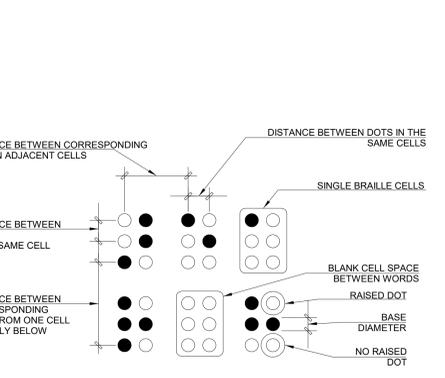
RESTROOM WALL SIGN - WOMEN/GIRLS 3" = 1'-0" 6



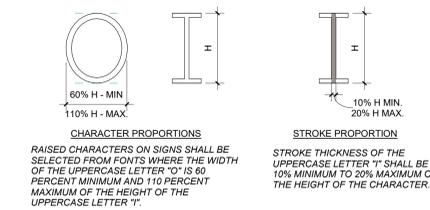
WOMEN/GIRLS

NOTE:
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 2. EDGES AND VERTICES ON GENERIC SYMBOLS SHALL BE EASED OR ROUNDED @1/16" MIN. OR CHAMFERED @1/8" MAX. VERTICES SHALL BE RADIUSSED BETWEEN 1/8" MIN. AND 1/4" MAX. PER CBC 118-703.7.2.6.4

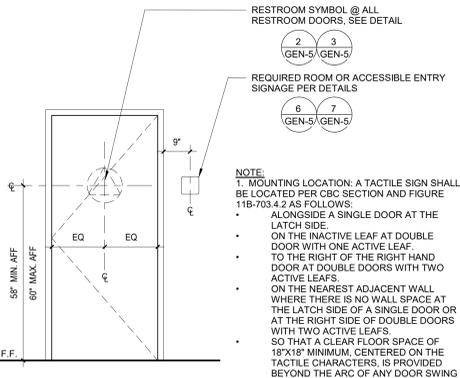
TOILET ROOM DOOR SYMBOL - WOMEN 1 1/2" = 1'-0" 2



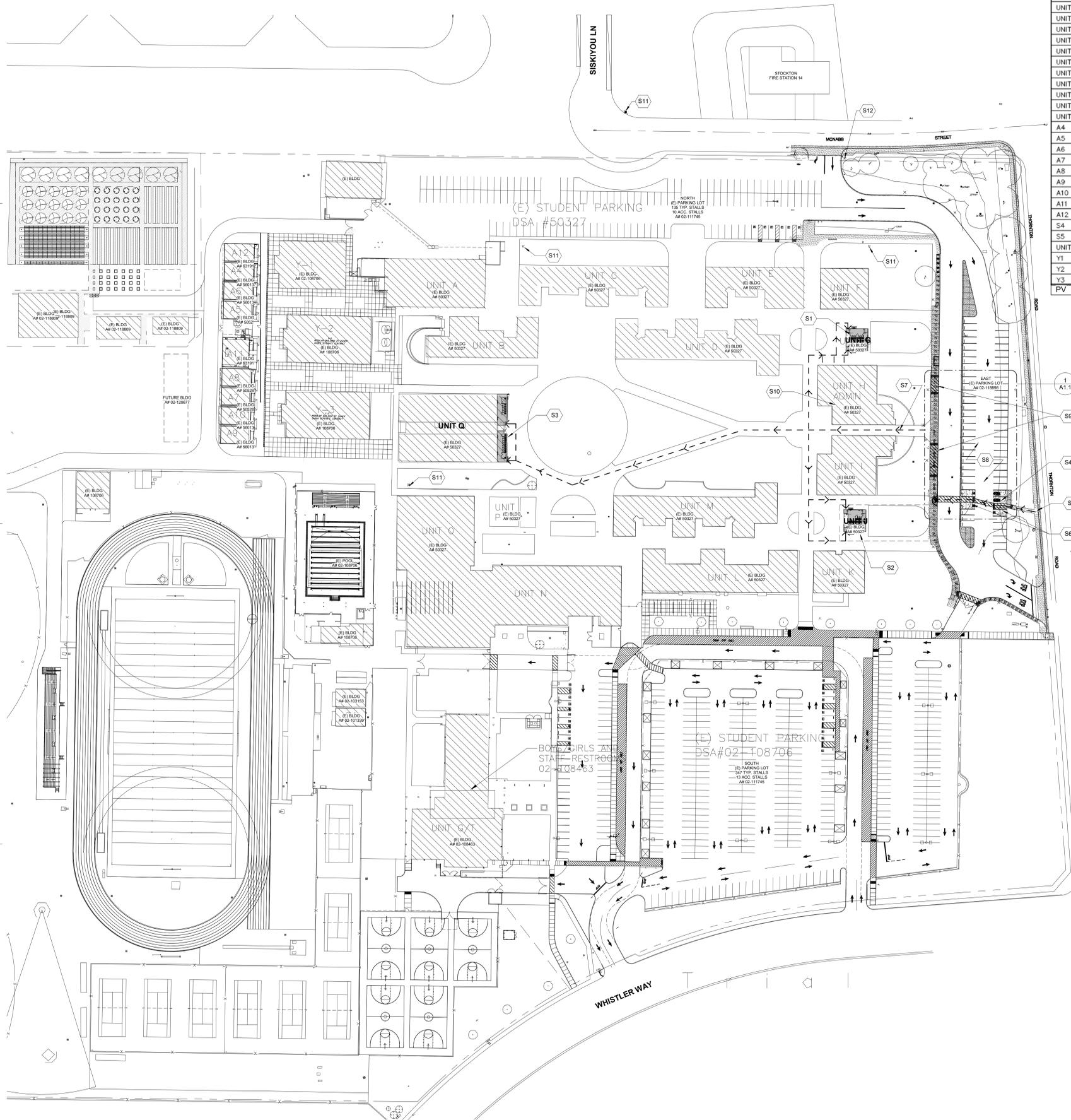
BRAILLE DETAIL 12" = 1'-0" 9



TACTILE SIGNAGE TEMPLATES 12" = 1'-0" 5



DOOR ROOM SIGNAGE 12" = 1'-0" 1



BUILDING DATA		
DESIGNATION	NAME	DSA NUMBER
UNIT A	(E) INDUSTRIAL ARTS BUILDING	50327
UNIT B	(E) BUSSINESS BUILDING	50327
UNIT C	(E) MATHEMATICS BUILDING	50327
UNIT D	(E) SOCIAL SCIENCES BUILDING	50327
UNIT E	(E) HOME ECONOMICS BUILDING	50327
UNIT F	(E) SPECIAL EDUCATION BUILDING	50327
UNIT G	(E) TOILET	50327
UNIT H	(E) ADMINISTRATION BUILDING	50327
UNIT I	(E) LIBRARY	50327
UNIT J	(E) TOILET	50327
UNIT K	(E) ESL BUILDING	50327
UNIT L	(E) FINE ARTS BUILDING	50327
UNIT M	(E) ENGLISH BUILDING	50327
UNIT N	(E) MULTIPURPOSE & GYM	50327
UNIT O	(E) LOCKER ROOM	50327
UNIT P	(E) STUDENT ACTIVITIES BUILDING	50327
UNIT Q	(E) SCIENCE BUILDING	50327
A4	(E) PORTABLE	50528
A5	(E) PORTABLE	50528
A6	(E) PORTABLE	50528
A7	(E) PORTABLE	56170
A8	(E) PORTABLE	56170
A9	(E) PORTABLE	56170
A10	(E) PORTABLE	63191
A11	(E) PORTABLE	63191
A12	(E) PORTABLE	56180
S4	(E) PORTABLE	02-101339
S5	(E) PORTABLE	02-103153
UNIT G/T	GYM & THEATER	02-108463
Y1	(E) MODULAR	02-108706
Y2	(E) MODULAR	02-108706
Y3	(E) MODULAR	02-108706
PV	(E) PHOTOVOLTAICS	01-111745

- S1 BUILDING G, SEE SHEETS A11.1 AND A40.1
- S2 BUILDING J, SEE SHEETS A11.1 AND A40.2
- S3 BUILDING Q, SEE SHEETS A11.1, A40.3 AND A40.4
- S4 EV CHARGING
- S5 PUBLIC WAY
- S6 ACCESSIBLE PARKING
- S7 SCHOOL ENTRANCE
- S8 PARKING LOT SERVING PROJECT
- S9 ACCESSIBLE PASSENGER DROP OFF AREA
- S10 ADMINISTRATION BUILDING
- S11 (E) FIRE HYDRANT
- S12 TOW AWAY SIGN, SEE 9 A1.1

SITE PLAN KEYNOTES

- CONSTRUCTION TYPE: V-B
- OCCUPANCY: E - EDUCATION
- NUMBER OF STORIES: 1
- BUILDING HEIGHT: NO CHANGE
- LIFE SAFETY: FULLY SPRINKLERED
- APPROX. PROJECT AREA:
 - BUILDING G RESTROOMS: 800 SQ. FT.
 - BUILDING J RESTROOMS: 800 SQ. FT.
 - BUILDING Q RESTROOMS: 1,100 SQ. FT.
 - TOTAL: 2,700 SQ. FT.
- AREA INCREASE: NONE
- YEAR BUILT: 1989
- GROUND SNOW LOAD: ZERO
- WIND EXPOSURE CATEGORY: C
- WIND RISK CATEGORY II: 93 MPH
- SPECIAL WIND REGION: NO
- SEISMIC DESIGN CATEGORY: D
- SEISMIC RISK CATEGORY: II
- SEISMIC SITE CLASS:
 - A. $S_s = 0.723$
 - B. $S_1 = 0.284$
 - C. $S_{m3} = 0.883$
 - E. $S_{d5} = 0.589$
- MEAN ANNUAL TEMPERATURE: 55 DEGREES FAHRENHEIT
- FLOOD ZONE: X PROTECTED BY LEVEE

- DSA APPLICATION NUMBERS FOR THE AREAS OF WORK:
- APP 50327: RESTROOM BUILDINGS G, J, AND Q
 - APP 02-110373: RESTROOM BUILDINGS G, J, AND Q
 - APP 02-118898: PARKING, PASSENGER DROP-OFF AND PATH OF TRAVEL

CODE ANALYSIS

STANDARD PARKING SPACES	61
ACCESSIBLE PARKING SPACES	3
TOTAL PARKING SPACES	64

NOTE:
ONLY PARKING SPACES IN LOT SERVING PROJECT AREAS COUNTED (EAST PARKING LOT)

PARKING SPACE COUNT

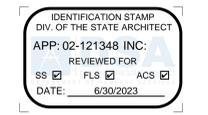
- PATH OF TRAVEL
- PATH OF TRAVEL (P.O.T.) AS INDICATED MEETS THE FOLLOWING REQUIREMENTS:
- IS A BARRIER-FREE ACCESSIBLE ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT A SLOPE NOT STEEPER THAN 1:2 EXCEPT THAT LEVEL CHANGES ARE 1/4" MAX VERTICAL & IS AT LEAST 48" WIDE.
 - SURFACE SHALL BE STABLE, FIRM AND SLIP RESISTANT.
 - CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND RUNNING SLOPE SHALL NOT BE STEEPER THAN 1:20 UNLESS OTHERWISE INDICATED (SEC 11B-403.3).
 - P.O.T. SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (SECTION 11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4"
 - PROJECTION FROM WALL SURFACE BETWEEN 27" AND 80" ABOVE FINISH FLOOR OR GROUND (SECTION 11B-307.2)
 - PROVIDE FLUSH TRANSITIONS AT ANY ADJOINING JOINTS BETWEEN DIFFERENT WALK SURFACES IN P.O.T.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED UPON THE VALUATION THRESHOLD OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

- PROPERTY LINE
- AREAS OF WORK FOR THIS PROJECT
- EXISTING BUILDING
- (E) 20' MIN. WIDE FIRE LANE
- FIRE HOSE PULL, MAXIMUM DISTANCE 150' - 0" FROM FIRE LANE



OWNER: LODI UNIFIED SCHOOL DISTRICT

PROJECT NAME: BEAR CREEK HIGH SCHOOL RESTROOMS MODERNIZATION

CLIENT ADDRESS: 10555 THORNTON ROAD, STOCKTON, CA 95209



REVISIONS:

DESCRIPTION	DATE

PROJECT NO: Project Number

DATE ISSUED: Issue Date

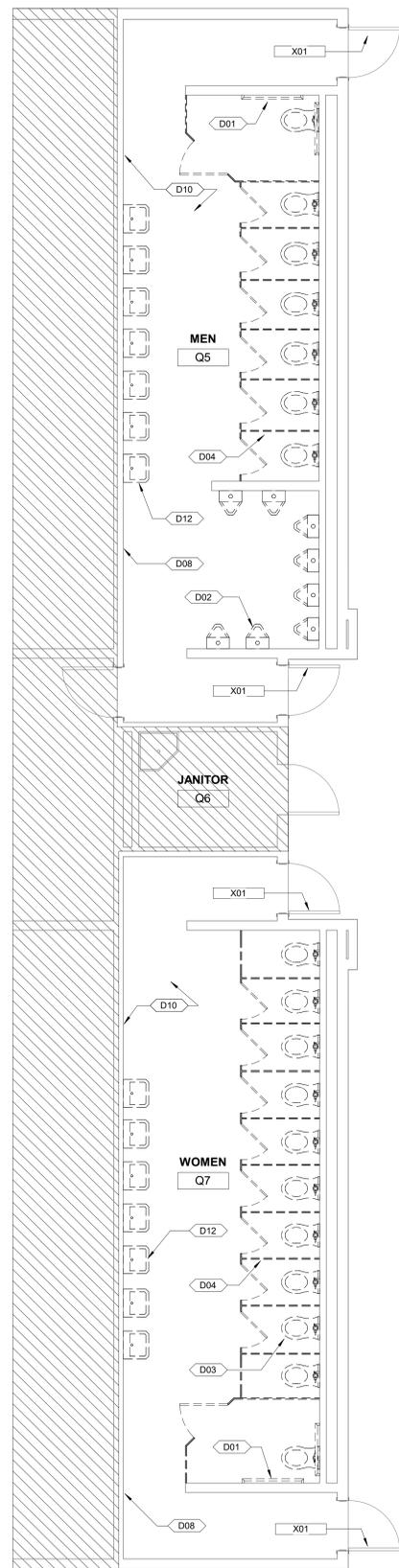
SCALE: As indicated

A1.0

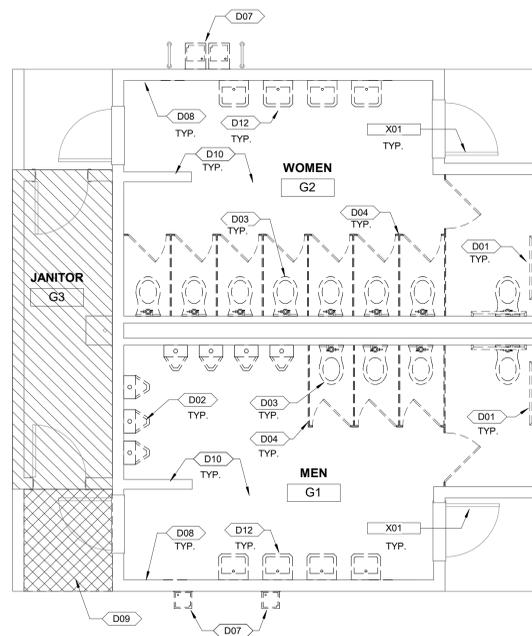
SITE PLAN & PATH OF TRAVEL



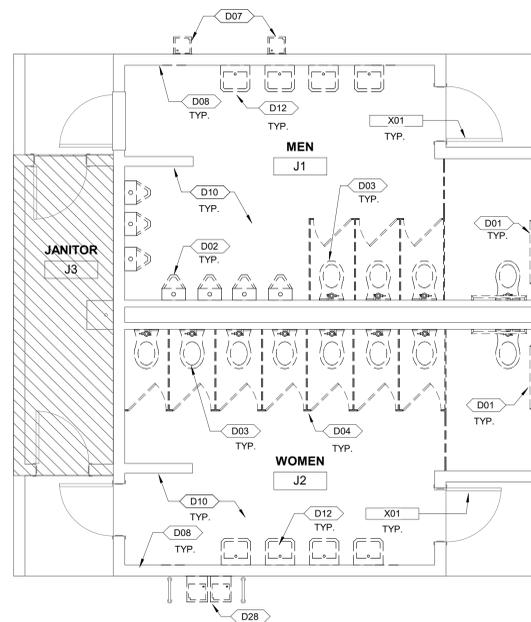
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BUILDING Q - DEMO FLOOR PLAN 1/4" = 1'-0" 3



BUILDING G - DEMO FLOOR PLAN 1/4" = 1'-0" 2



BUILDING J - DEMO FLOOR PLAN 1/4" = 1'-0" 1

#	DESCRIPTION
D01	REMOVE (E) GRAB BAR, TYP.
D02	REMOVE (E) URINAL, CAP PIPE IN WALL FOR FUTURE USE
D03	REMOVE (E) WATER CLOSET, CAP PIPE IN WALL FOR FUTURE USE
D04	REMOVE (E) TOILET PARTITION
D07	REMOVE (E) DRINKING FOUNTAIN; CUT BACK PIPES TO WITHIN WALL, AND CAP
D08	REMOVE (E) WALL FINISH
D09	REMOVE CONC. AND PREP SLAB AS REQUIRED TO PATCH
D10	REMOVE (E) FLOORING AND BASE
D12	REMOVE (E) LAVATORY, CAP PIPE IN WALL FOR FUTURE USE
D28	REMOVE (E) DRINKING FOUNTAIN, CAP PIPING WITHIN WALL, PREP AREA OR SURFACE FOR NEW WORK
X01	(E) DOOR, HARDWARE AND FRAME TO REMAIN

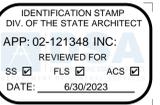
KEYNOTES

- DEMOLITION DRAWINGS PREPARED BY THE ARCHITECT ARE FOR A GENERAL DESCRIPTION OF EXISTING BUILDING COMPONENTS, ASSEMBLIES AND MATERIALS TO BE REMOVED. DEMOLITION CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITION AND QUANTITIES.
- DEMOLITION CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL MUNICIPAL AGENCIES HAVING JURISDICTIONAL AUTHORITY OVER ANY ASPECT OF THE DEMOLITION SCOPE.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO DEMOLITION WORK.
- DEMOLITION CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLISHED MATERIALS IN A MANNER COMPLIANT TO FEDERAL, STATE AND LOCAL MUNICIPAL REQUIREMENTS AND GUIDELINES.
- DEMOLITION CONTRACTOR SHALL COORDINATE ALL WORK SCHEDULES WITH OWNER. IN NO CASE SHALL DEMOLITION WORK BE CONDUCTED DURING HOURS PROHIBITED BY LOCAL MUNICIPALITY.
- PLANS ARE BASED ON EXISTING RECORD DRAWINGS AND VISUAL OBSERVATION. UNIDENTIFIED ITEMS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE PRIOR TO REMOVAL.
- CONTACT OWNER'S REPRESENTATIVE FOR LIST OF SALVAGEABLE ITEMS.
- CEILING FINISH, LIGHT FIXTURES, FIRE SPRINKLERS AND FIRE ALARM SYSTEM TO REMAIN
- REMOVE EXISTING WALL FINISHES (CERAMIC TILE, VINYL WALL COVERING, PLYWOOD, GYPSUM BOARD SUBSTRATES, PLASTER, WAINSCOTTING, ETC.) IN ALL ROOMS DESIGNATED TO RECEIVE NEW WALL FINISHES PER INTERIOR FINISH SCHEDULE.
- REMOVE EXISTING FLOORING & BASE (CERAMIC TILE, CARPET, PADDING AND ACCESSORIES) IN ALL ROOMS DESIGNATED TO RECEIVE NEW FLOORING AND BASE PER INTERIOR FINISH PLANS.
- REPAIR ALL SURFACES DESIGNATED TO RECEIVE NEW FLOOR, WALL, AND CEILING FINISHES AS REQUIRED TO PROVIDE A SOUND AND FLUSH SUBSTRATE.
- ALSO REFERENCE PLUMBING AND ELECTRICAL DEMOLITION DRAWINGS FOR ADDITIONAL COORDINATION OF ITEMS TO BE REMOVED OR PROTECTED IN PLACE.
- REMOVE ALL WALL AND PARTITION MOUNTED ACCESSORIES (TOILET PAPER DISPENSER, SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL, SANITARY NAPKIN DISPENSER, SOAP DISPENSER, PAPER TOWEL DISPENSER, MIRROR, GRAB BARS, SHELVES, ETC.).
- SALVAGE SIGNAGE FOR REINSTALLATION AS REQ'D TO PAINT DOORS
- REMOVE (E) PLUMBING FIXTURES WITHIN THE AREA OF WORK, INCLUDING FLOOR DRAINS AND HOSE BIBBS. FOR MORE INFORMATION, SEE PLUMBING DRAWINGS.
- NO DEMOLITION SHALL BEGIN UNTIL PLANS, INCLUDING THE DEMOLITION WORK, HAVE BEEN APPROVED BY DSA.

DEMOLITION NOTES

	EXISTING WOOD STUD WALL
	EXISTING DOOR/FRAME/HW TO BE REMOVED
	SAWCUT AND REMOVE PORTION OF (E) CONCRETE SLAB (INCLUDING CONCRETE CURBS FOR WALLS TO BE DEMOLISHED)
	EXISTING ITEM & EQUIPMENT TO BE DEMOLISHED
	AREA NOT IN SCOPE OF WORK

DEMO PLAN LEGEND



OWNER: LODI UNIFIED SCHOOL DISTRICT
PROJECT NAME: BEAR CREEK HIGH SCHOOL RESTROOMS MODERNIZATION
 CLIENT ADDRESS: 10555 THORNTON ROAD, STOCKTON, CA 95209



REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT NO: Project Number
DATE ISSUED: Issue Date
SCALE: As indicated

A11.1
DEMO FLOOR PLAN



2335 BROADWAY #301 OAKLAND, CA 94612
 T 510.287.3180 WWW.SVA-ARCHITECTS.COM

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REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT NO: Project Number
 DATE ISSUED: Issue Date
 SCALE: As indicated
A40.1

BUILDING G - ENLARGED PLANS & INTERIOR ELEVATIONS



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- FIXTURE
- FLOOR-MOUNTED, OVERHEAD BRACED PHENOLIC-CORE PARTITIONS-SEE SPECS
 - WALL-MOUNTED WATER CLOSET (KOHLER KINGSTON K-4325)
- FLUSH VALVE (SLOAN ROYAL 111 ESS)
 - WAL-MOUNTED URINAL (KOHLER K-4904-ET)
- FLUSH VALVE (SLOAN ROYAL 186 ESS)
 - GRAB BARS FOR ACCESSIBLE TOILET (1-1/2" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5800K42)
36" LENGTH @ REAR WALL (BOBRICK B-5800X36)
 - WALL-MOUNTED SINK (KOHLER K-2005)
- FAUCET (MOEN COMMERCIAL MODEL 8884)
 - FRAMED MIRROR (BOBRICK B-165 2436)
 - PAPER TOWEL DISPENSER (TORK-D17R)**
 - RECESSED CONVERTIBLE PAPER TOWEL DISPENSER AND WASTE RECEPTACLE (BOBRICK B-3961)
 - SURFACE MOUNTED LIQUID SOAP DISPENSER (SC. JOHNSON TP11LDS)
 - TOILET PAPER DISPENSER (BOBRICK B-2888)
 - TOILET SEAT COVER DISPENSER (BOBRICK B-221)
 - SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL (BOBRICK B-270)

- NOTES:
- REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.
 - FOR ADDITIONAL INFORMATION ON PLUMBING FIXTURES, SEE PLUMBING DRAWINGS

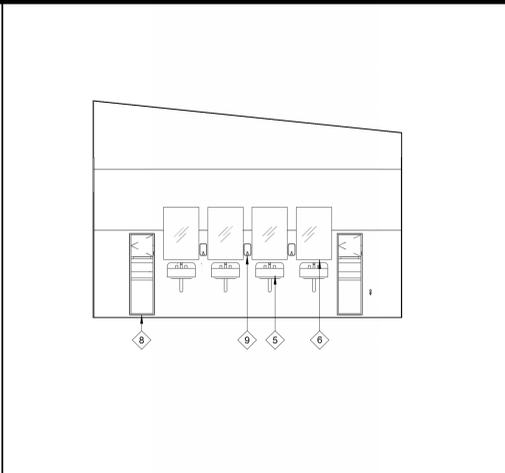
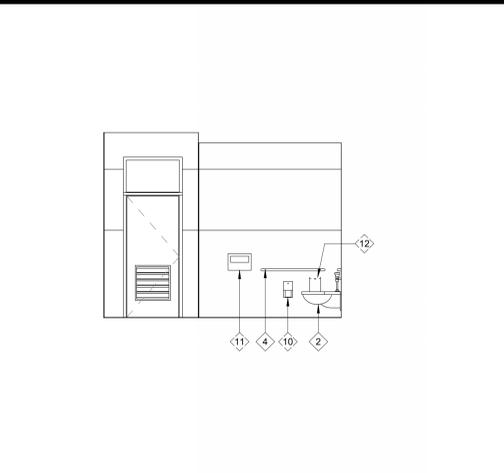
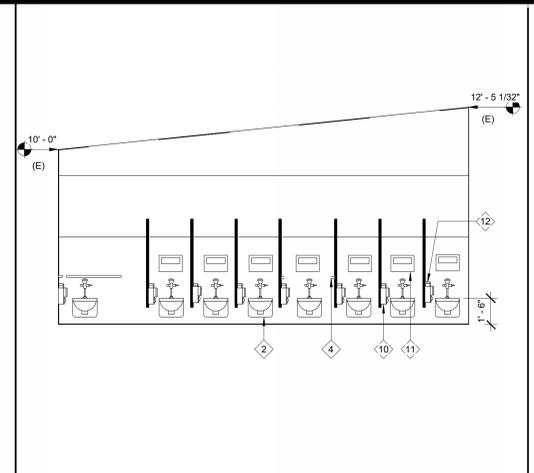
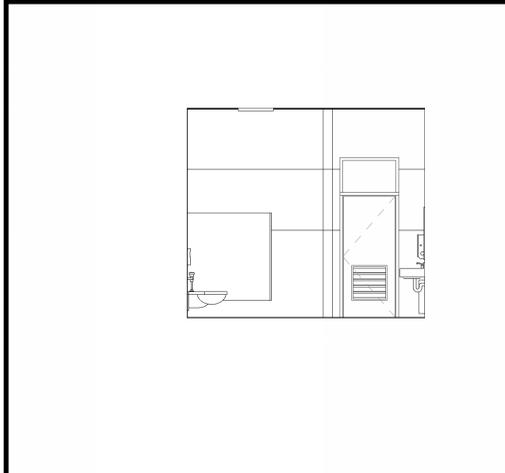
RESTROOM ACCESSORY LEGEND

- | DESCRIPTION | DESCRIPTION |
|-------------|--|
| 033000.A | PATCH CONCRETE SLAB TO MATCH EXISTING. PROVIDE LEVEL FINISH. |
| 033000.J | PATCH WALL AT REMOVED DRINKING FOUNTAIN. FINISH TO MATCH EXISTING |
| 084100.B | PROVIDE (N) ACCESSIBLE ALUMINIUM THRESHOLD. SEE SPECS. |
| 092116.A | GYP SUM BOARD WALL FINISH (PAINTED), SEE FINISH SCHEDULE |
| 092116.B | REPAINT (E) GYP CEILING. SEE FINISH SHCEDULE |
| 092116.C | GYSUM BOARD FINISH WITH WAINSCOT OVER (E) FRAMING, TYP. FOR ALL INTERIOR PARTITIONS WITHIN AREA OF WORK, SEE DETAIL 1/A50.1 |
| 096513.A | (N) FIBER REINFORCED PLASTIC PANELS, SEE FINISH SCHEDULE AND DETAIL 1/A50.1 |
| 099000.D | EPOXY WAINSCOT WITH INTERAL BASE |
| 101400.A | PROVIDE SIGN WHERE MISSING, SEE SHEET GEN-5 FOR INSTALLATION CRITERIA |
| 102113.A | TOILET COMPARTMENT, SEE SPECS. TYP. |
| 102800.T | (N) DRINKING FOUNTAIN GRAB BAR, FOR DETAIL, SEE 3/GEN-4; FOR ACCESSIBILITY INFORMATION, SEE 5/GEN-4 |
| 221000.A | (N) H/L/O ACCESSIBLE DRINKING FOUNTAIN WITH BOTTLE FILLER. SEE PLUMBING DRAWINGS, DETAIL 5/GEN-4 FOR ACCESSIBILITY INFORMATION, AND DETAIL 3/A50.1 FOR BACKING |
| 221000.D | NEW WATER CLOSET AT EXISTING PIPES WHERE POSSIBLE, MUST MAINTAIN ACCESSIBILITY REQUIREMENTS, SEE 2/ GEN-4 AND PLUMBING DRAWINGS |
| 221000.F | NEW URINAL INSTALL AT EXISTING PIPES WHERE POSSIBLE, MUST MAINTAIN ACCESSIBILITY REQUIREMENTS, SEE 2/ GEN-4 AND PLUMBING DRAWINGS |
| 221000.G | NEW LAVATORY WITH PIPE INSULATION, SEE 2/ GEN-4 AND PLUMBING DRAWINGS |
| X02 | (E) DRINKING FOUNTAIN GUARDRAIL TO REMAIN |

KEYNOTE

- 30"x48" CLR. 30"x48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE
- EXISTING WOOD STUD WALL
- SIGN TYPE - FOR SIGNAGE SCHEDULE AND DETAILS, SEE SHEET GEN-5
- AREA OUTSIDE OF SCOPE OF WORK

- FLOOR PLAN GENERAL NOTES:
- ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.
 - UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.
 - REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILITY REQUIREMENTS AND DIMENSIONS.
 - SLOPE (N) FLOORING TO FLOOR DRAINS. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
 - FOR MORE INFORMATION, SEE PLUMBING DRAWINGS.
 - RE-INSTALL (E) SIGNAGE AS REQ'D, SEE SHEET GEN-5 FOR SIGN INSTALLATION CRITERIA, PROVIDE (N) SIGNAGE WHERE MISSING
 - PROVIDE (N) FLOOR DRAINS AT (E) LOCATIONS. FOR MORE INFORMATION, SEE PLUMBING DRAWINGS

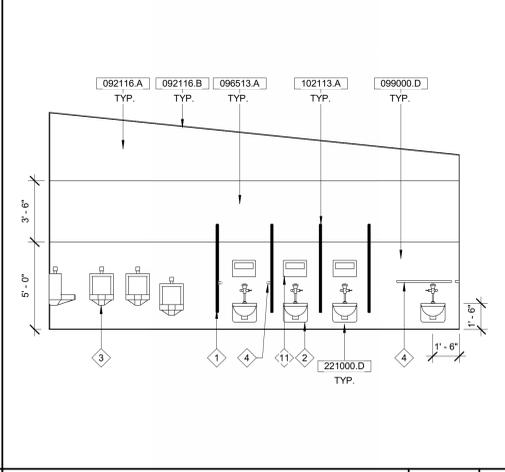
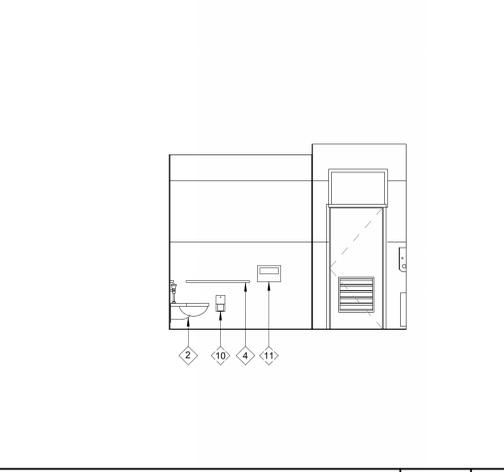
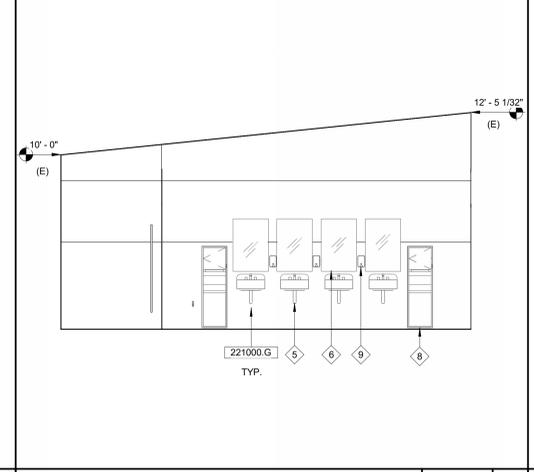
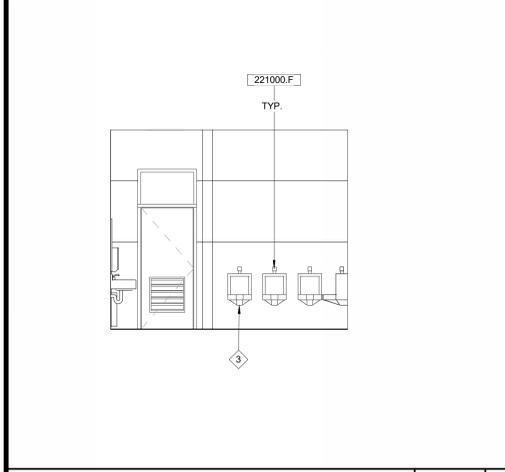


BUILDING G WOMEN'S RR INT ELEV - WEST 1/4" = 1'-0" 10

BUILDING G WOMEN'S RR INT ELEV - SOUTH 1/4" = 1'-0" 9

BUILDING G WOMEN'S RR INT ELEV - EAST 1/4" = 1'-0" 8

BLDNG G WOMEN'S RR INT ELEV - NORTH 1/4" = 1'-0" 7

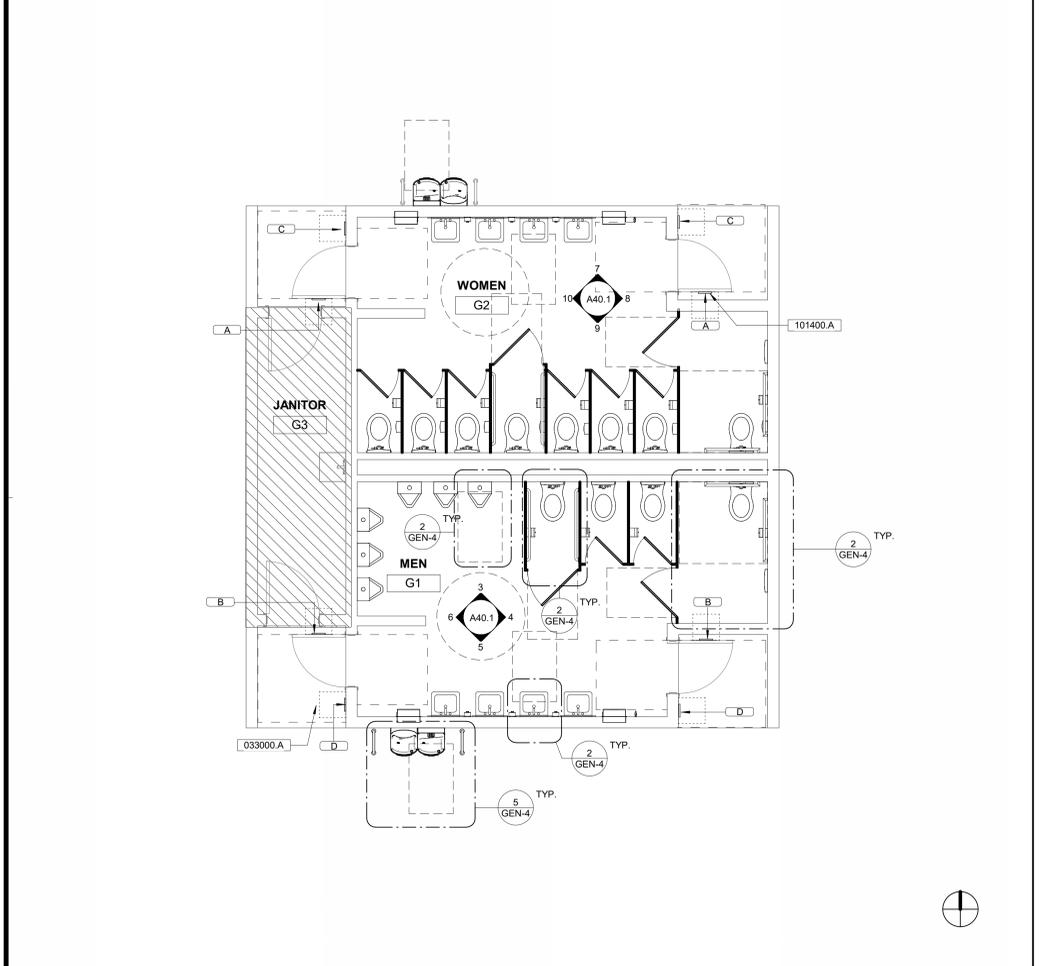


BUILDING G MEN'S RR INT ELEV - EAST 1/4" = 1'-0" 6

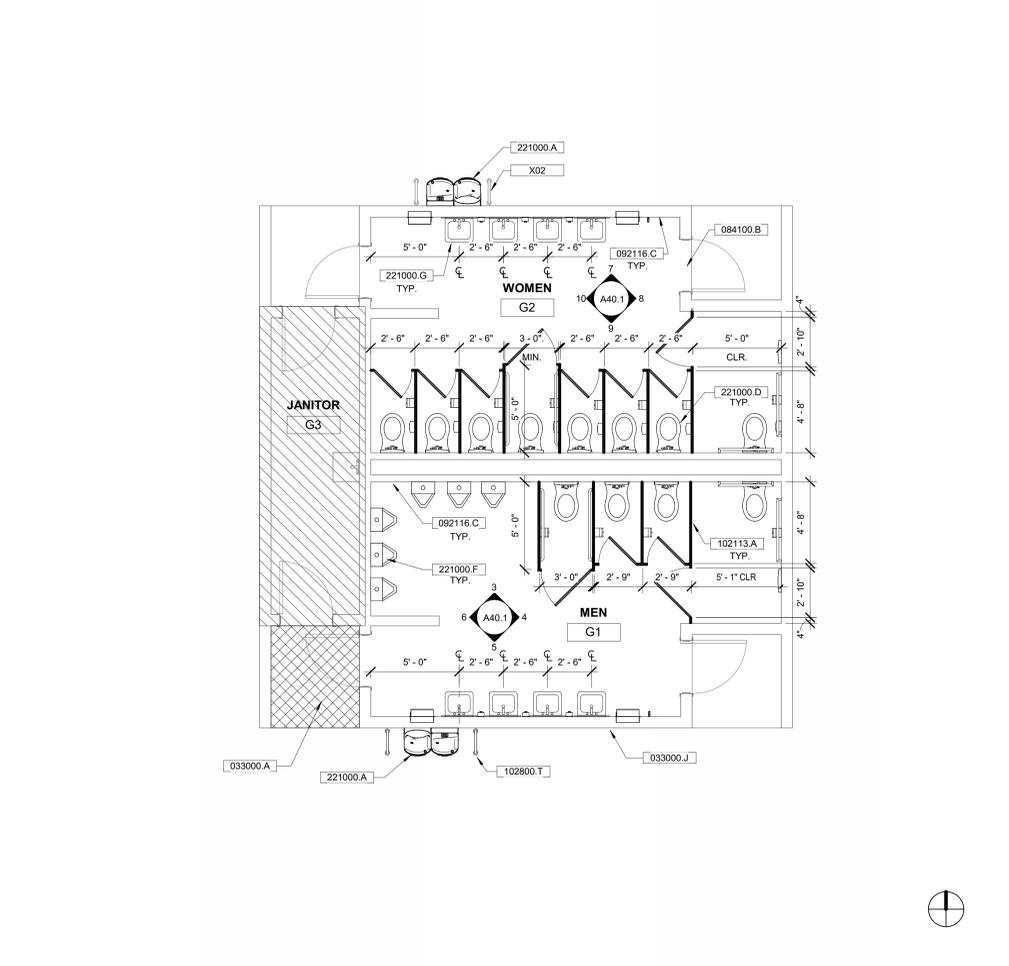
BUILDING G MEN'S RR INT ELEV - SOUTH 1/4" = 1'-0" 5

BUILDING G MEN'S RR INT ELEV - WEST 1/4" = 1'-0" 4

BUILDING G MEN'S RR INT ELEV - NORTH 1/4" = 1'-0" 3

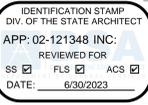


BUILDING G - IMPROVEMENT FLOOR PLAN 1/4" = 1'-0" 2



BUILDING G - IMPROVEMENT FLOOR PLAN 1/4" = 1'-0" 1

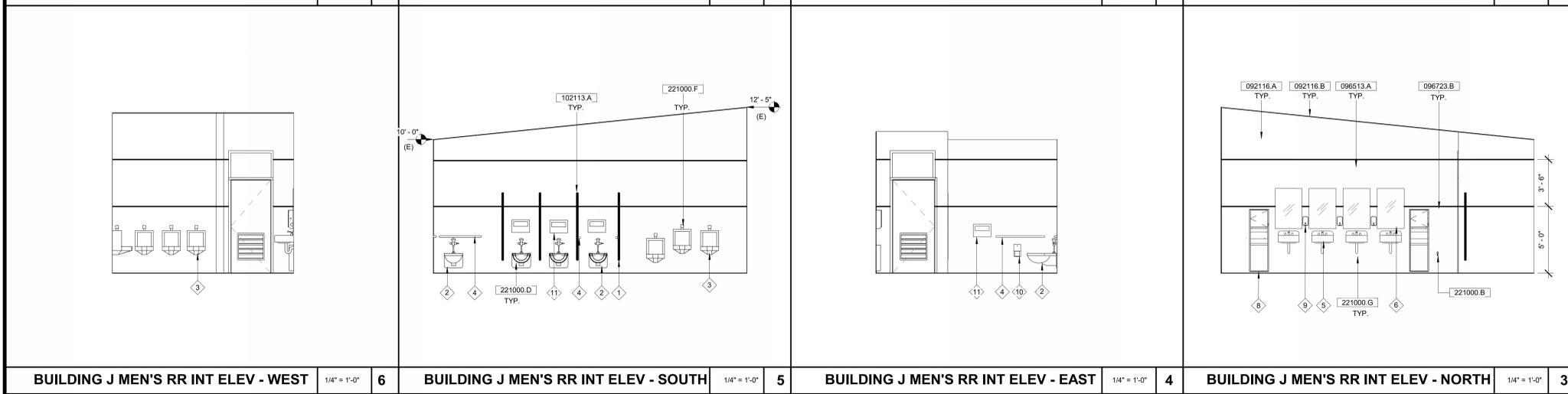
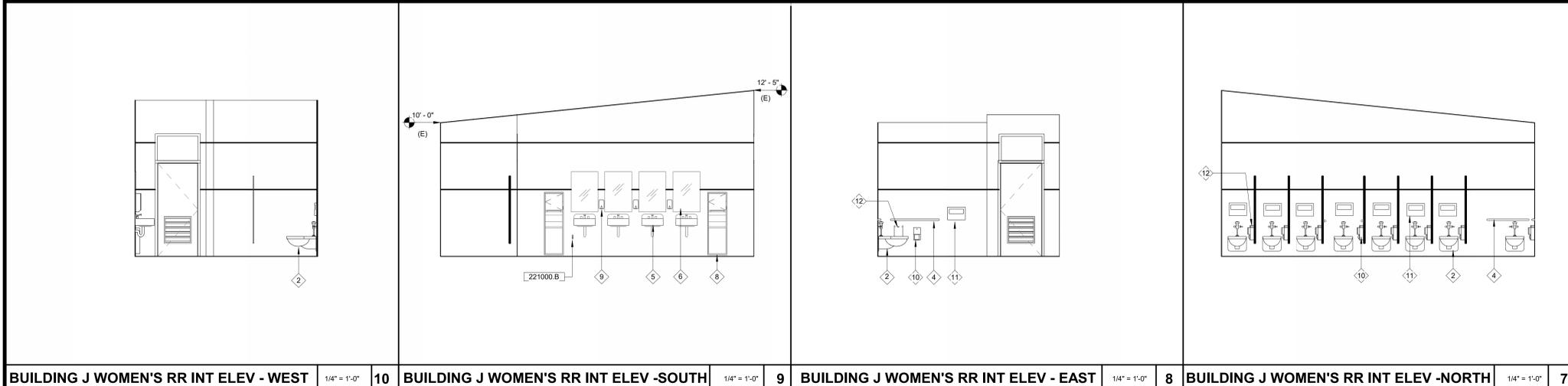
FLOOR PLAN LEGEND



OWNER: LODI UNIFIED SCHOOL DISTRICT
PROJECT NAME: BEAR CREEK HIGH SCHOOL RESTROOMS MODERNIZATION
 CLIENT ADDRESS: 10555 THORNTON ROAD, STOCKTON, CA 95209

- FIXTURE**
- FLOOR-MOUNTED, OVERHEAD BRACED PHENOLIC-CORE PARTITIONS-SEE SPECS
 - WALL-MOUNTED WATER CLOSET (KOHLER KINGSTON K-4325)
- FLUSH VALVE (SLOAN ROYAL 111 ESS)
 - WALL-MOUNTED URINAL (KOHLER K-4904-ET)
- FLUSH VALVE (SLOAN ROYAL 186 ESS)
 - GRAB BARS FOR ACCESSIBLE TOILET (1-1/2" DIA. STAINLESS STEEL):
42" LENGTH @ SIDE WALL (BOBRICK B-5809X42)
36" LENGTH @ REAR WALL (BOBRICK B-5809X36)
 - WALL-MOUNTED SINK (KOHLER K-2005)
- FAUCET (MOEN COMMERCIAL MODEL 8884)
 - FRAMED MIRROR (BOBRICK B-165 2436)
 - PAPER TOWEL DISPENSER (TORK 04TR)**
 - RECESSED CONVERTIBLE PAPER TOWEL DISPENSER AND WASTE RECEPTACLE (BOBRICK B-3961)
 - SURFACE MOUNTED LIQUID SOAP DISPENSER (SC. JOHNSON TP81LDS)
 - TOILET PAPER DISPENSER (BOBRICK B-2888)
 - TOILET SEAT COVER DISPENSER (BOBRICK B-221)
 - SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL (BOBRICK B-270)

- NOTES:**
- REFER SHEET GEN-4 FOR MOUNTING HEIGHTS AND LOCATIONS FOR ALL ACCESSIBLE RESTROOM ACCESSORIES AND FIXTURES.
 - FOR ADDITIONAL INFORMATION ON PLUMBING FIXTURES, SEE PLUMBING DRAWINGS



RESTROOM ACCESSORY LEGEND

DESCRIPTION	DESCRIPTION
033000.J	PATCH WALL AT REMOVED DRINKING FOUNTAIN. FINISH TO MATCH EXISTING
092116.A	GYPSON BOARD WALL FINISH (PAINTED), SEE FINISH SCHEDULE
092116.B	REPAINT (E) GYP CEILING, SEE FINISH SCHEDULE
096513.A	(N) FIBER REINFORCED PLASTIC PANELS, SEE FINISH SCHEDULE AND DETAIL 1/A50.1
096723.B	(N) EPOXY WAINSCOT, SEE FINISH SCHEDULE AND DETAIL 1/A50.1
101400.A	PROVIDE SIGN WHERE MISSING, SEE SHEET GEN-5 FOR INSTALLATION CRITERIA
102113.A	TOILET COMPARTMENT, SEE SPECS. TYP.
102800.T	(N) DRINKING FOUNTAIN GRAB BAR, FOR DETAIL, SEE 3/GEN-4; FOR ACCESSIBILITY INFORMATION, SEE 5/GEN-4
221000.A	(N) HI-LO ACCESSIBLE DRINKING FOUNTAIN WITH BOTTLE FILLER, SEE PLUMBING DRAWINGS, DETAIL 5/GEN-4 FOR ACCESSIBILITY INFORMATION, AND DETAIL 3/A50.1 FOR BACKING
221000.B	(N) HOSE BIBB AT (E) LOCATION, SEE PLUMBING DRAWINGS
221000.D	NEW WATER CLOSET AT EXISTING PIPES WHERE POSSIBLE, MUST MAINTAIN ACCESSIBILITY REQUIREMENTS, SEE 2/ GEN-4 AND PLUMBING DRAWINGS
221000.F	NEW URINAL INSTALL AT EXISTING PIPES WHERE POSSIBLE, MUST MAINTAIN ACCESSIBILITY REQUIREMENTS, SEE 2/ GEN-4 AND PLUMBING DRAWINGS
221000.G	NEW LAVATORY WITH PIPE INSULATION, SEE 2/ GEN-4 AND PLUMBING DRAWINGS
X02	(E) DRINKING FOUNTAIN GUARDRAIL TO REMAIN

KEYNOTE

- 30"x48" CLR. 30"x48" MIN. ACCESSIBLE WHEELCHAIR CLEAR FLOOR SPACE
- 60" MIN. CLR. 60" MIN. ACCESSIBLE WHEELCHAIR CLEAR TURNING SPACE
- EXISTING WOOD STUD WALL
- SIGN TYPE - FOR SIGNAGE SCHEDULE AND DETAILS, SEE SHEET GEN-5
- AREA OUTSIDE OF SCOPE OF WORK

- FLOOR PLAN GENERAL NOTES:**
- ALL DIMENSIONS ARE TO CENTERLINE OF THE GRID LINES AND/OR TO THE FACE OF STUDS, U.N.O.
 - UNLESS NOTED OTHERWISE, ALL WALLS ARE FULL HEIGHT.
 - REFER TO SHEET GEN-4 FOR TYPICAL ACCESSIBILITY REQUIREMENTS AND DIMENSIONS.
 - SLOPE (N) FLOORING TO FLOOR DRAINS, SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
 - FOR MORE INFORMATION, SEE PLUMBING DRAWINGS.
 - RE-INSTALL (E) SIGNAGE AS REQ'D, SEE SHEET GEN-5 FOR SIGN INSTALLATION CRITERIA, PROVIDE (N) SIGNAGE WHERE MISSING
 - PROVIDE (N) FLOOR DRAINS AT (E) LOCATIONS. FOR MORE INFORMATION, SEE PLUMBING DRAWINGS

REVISIONS:

NO.	DESCRIPTION	DATE

PROJECT NO: Project Number
DATE ISSUED: Issue Date
SCALE: As indicated

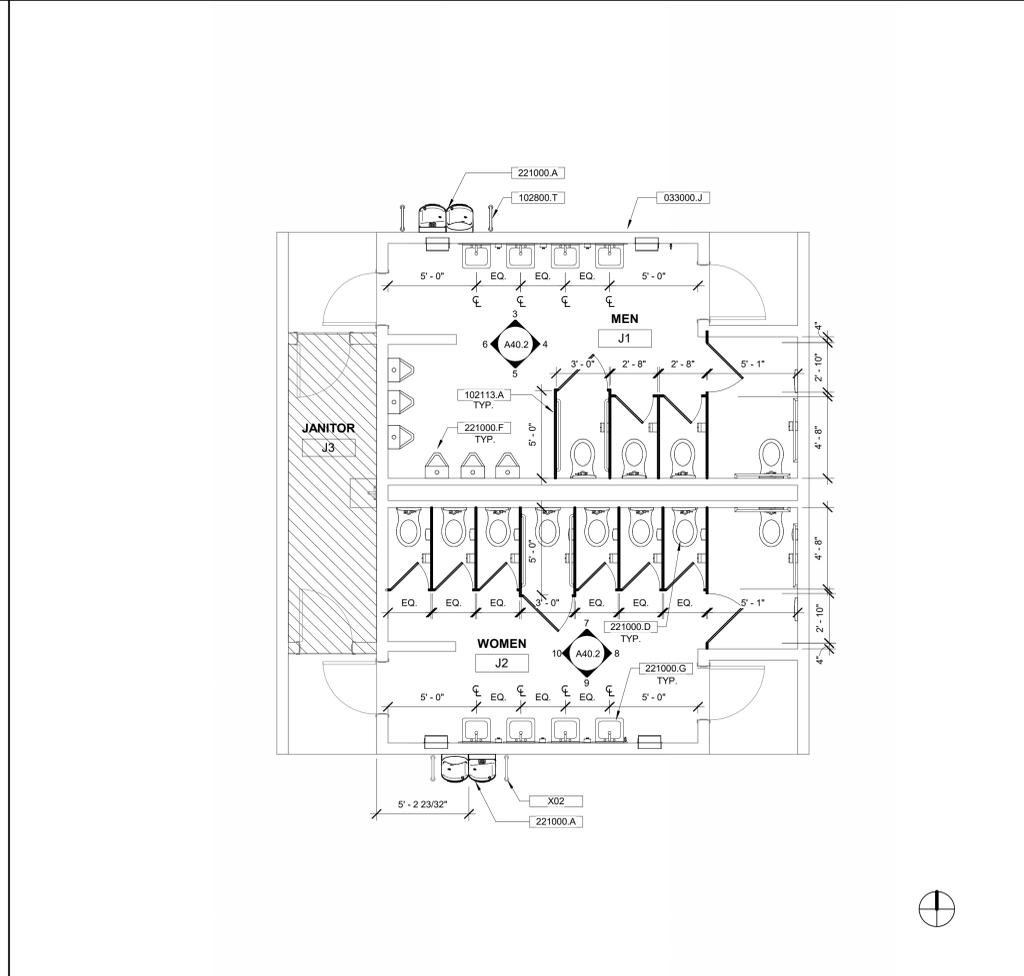
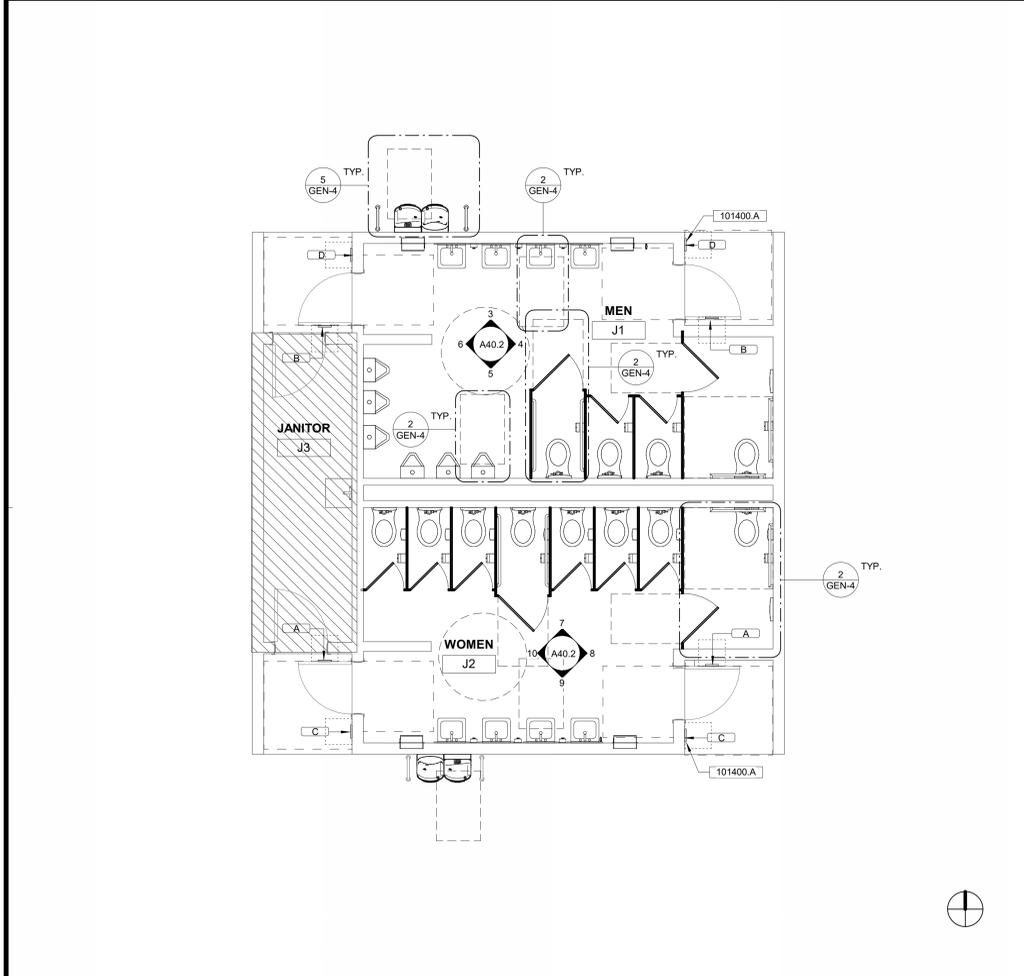
A40.2

BUILDING J - ENLARGED PLANS & INTERIOR ELEVATIONS



2335 BROADWAY #301 OAKLAND, CA 94612
T 510 287 3180 WWW.SVAARCHITECTS.COM

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BUILDING J -ACCESSIBILITY AND SIGNAGE 1/4" = 1'-0" 2

BUILDING J - IMPROVEMENT FLOOR PLAN 1/4" = 1'-0" 1

FLOOR PLAN LEGEND

PART 1 - GENERAL ELECTRICAL SPECIFICATIONS

1.1 WORK INCLUDED:

- A. This specification shall apply to all phases of work hereinafter specified, shown on drawings, or as required to provide a complete installation of electrical systems for this project. Work required under this specification is not limited to just the Electrical, Mechanical, Structural, and Architectural, and Mechanical/Plumbing drawings as well as all other drawings applicable to this project, which designate the scope of work to be accomplished. The intent of the Drawings and Specifications is to provide a complete and operable electrical system that includes all documents that are a part of the Contract.
1. Work Included: Furnish labor, material, services and skilled supervision necessary for the construction, erection, installation, connections, testing, and adjustment of all circuits and electrical equipment specified herein, or shown or noted on Drawings, and its delivery to the Owner complete in all respects ready for use.
 2. The electrical Work includes installation or connection of certain materials and equipment furnished by others. Verify installation details, installation and rough-in locations from the actual equipment or from the equipment shop drawings.

- B. Electrical Drawings: Electrical Drawings are diagrammatic, and are intended to convey the scope of work, including intended general arrangement of equipment, conduit and outlets. Follow Drawings in laying out Work and verify spaces for installation of materials and equipment based on actual dimensions of equipment furnished.

1.2 QUALITY ASSURANCE

- A. Design, manufacture, testing and method of installation of all apparatus and materials furnished under requirements of these specifications shall conform to latest publications or standard rules of the following:
1. Institute of Electrical and Electronic Engineers - IEEE
 2. National Electrical Manufacturers' Association - NEMA
 3. Underwriter's Laboratories, Inc. - UL
 4. National Fire Protection Association - NFPA
 5. Federal Specifications - Fed. Spec.
 6. American Society for Testing and Materials - ASTM
 7. American National Standards Institute - ANSI
 8. National Electrical Code - NEC
 9. National Electrical Safety Code - NESC
 10. Insulated Cable Engineers Association - ICEA
 11. American Institute of Steel Construction - AISC
 12. State and Municipal Codes In Force In The Specific Project Area
 13. Occupational Safety and Health Administration (OSHA)
 14. Electronics Industries Association/Telecommunications Industry Association (EIA/TIA)
 15. California Electrical Code (where adopted)
 16. Local Authority Having Jurisdiction (AHJ) Published Electrical Standards and Codes (as applicable).

- B. Perform Work in accordance with the National Electrical Code, applicable building ordinances, and other applicable codes, hereinafter referred to as the "Code." The Contractor shall comply with the Code including local amendments and interpretations not added to or by the Owner. Where Contract Documents exceed minimum requirements, the Contract Documents take precedence. Where code conflicts occur, the most stringent shall apply unless variance is approved.

1. Comply with all requirements for permits, licenses, fees and codes. The Contractor, at Contractor's expense, shall obtain all permits, licenses, fees, special service costs, inspections and arrangements required for Work under this contract, unless otherwise specified.
2. Comply with requirements of the applicable utility companies serving this Project. Make all arrangements with utility companies for proper coordination of Work.

1.3 GENERAL REQUIREMENTS

1. Guarantee: Furnish a written guarantee for a period of one-year from date of acceptance.
 2. Wherever a discrepancy in quantity or size of conduit, wire, equipment, devices, circuit breakers, etc., for all materials, arises on the Drawings and/or in the Specifications, the Contractor shall be responsible for providing and installing all material and services required by the strictest condition noted on Drawings and/or in Specifications to ensure complete and operable systems as required by the Drawings and/or Specifications.
- C. All Core Cutting, Drilling, and Patching:
1. For the installation of work under this Section, the aforementioned shall be performed under this Section of the Specifications and the Concrete section of the Specifications.
 2. No holes will be allowed in any structural members without the written approval of the Project's Structural Engineer.
 3. For penetrations of concrete slabs or concrete footings, the work shall be as directed in the Concrete Section of Specifications.
 4. The Contractor shall be responsible for patching and repairing surfaces where he is required to penetrate for work under this contract.
 5. Penetrations shall be sealed to meet the rated integrity of the surface required to be patched and repaired. The patched surface shall be painted or finished to match the existing surface.

D. Verifying Drawings and Job Conditions:

1. The Contractor shall examine all Drawings and Specifications in a manner to be fully cognizant of all work required under this Section 4.
2. The Contractor shall visit the site and verify existing conditions. Where existing conditions differ from Drawings, adjustment(s) shall be made and allowances included for all necessary equipment to complete all parts of the Drawings and Specifications.

1.4 WORK IN COOPERATION WITH OTHER TRADES

- A. Examine the Drawings and Specifications and determine the work to be performed by the electrical, mechanical and other trades. Provide the type and amount of electrical materials and equipment necessary to place this work in proper operation, completely wired, tested and ready for use. This shall include all conduit, wire, disconnects, relays, and other devices for the required operation sequence of all electrical, mechanical and other systems or equipment.
- B. Provide a conduit-only system for low voltage wiring required for control of mechanical and plumbing equipment described in this or other parts of the Contract Documents. Install all control housings, conduits, and backboxes required for installing control to the controls.
- C. Install separate conduits between each heating, ventilating and air conditioning sensing device and its control panel and/or control motor. Before installing any conduit for heating, ventilating and air conditioning control wires, verify the exact requirements from the control diagrams provided with the equipment manufacturer's shop drawings.

1.5 TESTING AND ADJUSTMENT

- A. Upon completion of all electrical work, the Contractor shall test all circuits, switches, light fixtures, lighting control and dimming systems including distributed systems, UPS's, generators, SPD's, lighting inverters, transfer switches, motors, circuit breakers, motor starter(s) and their auxiliary circuits and any other electrical items to ensure perfect operation of all electrical equipment.
- B. Equipment and parts in need of correction, and discovered during such testing, shall be immediately repaired or replaced with all new equipment and that part of the system shall then be retested. All such replacement or repair shall be done at no additional cost to the Owner.
- C. All circuit(s) shall be tested for continuity and circuit integrity. Adjustments shall be made for circuits not complying with testing criteria.
- D. All test reports, including copies of any required Energy Code Acceptance Forms (e.g. CA Title 24 Acceptance For Code Compliance Forms) should be submitted to the Engineer at completion of project.

1.6 IDENTIFICATION

- A. Nameplates shall be provided for unit substations, switchgear, switchboards, distribution boards, distribution panels, panel boards, motor control centers, transfer switches, disconnect switches, starters, disconnect switches, enclosed circuit breakers/switches, inverters, UPS's, PDU's, RDC's, SPD's, lighting control panels, dimming panels, door releasing system panels, fire alarm-central monitoring terminal cabinets/power supplies/control panels, and all low voltage system terminal and control cabinets.

1. Nameplate inscriptions shall be identical to the equipment designations indicated in plans and specifications. Nameplates shall be engraved with the device designation/identification on the top line, source designation for the device on the 2nd line per NEC, or CEC where adopted, Ar 408.4 and load designation for the device on the bottom line. Where load designation consists of a branch circuit, omit bottom line. Where device designation is not indicated on plans/specifications, Contractor shall submit a written clarification request to the Engineer.

Example: Transformer 1TA
Source Disconnecting Location: Switchboard MSA located in RM 110
Load: Panels 1LA & 1LB

2. All circuit breakers/fuses in switchgear, switchboards, distribution boards, distribution panels, UPS output circuit breakers, PDU sub-fed circuit breakers and motor control centers shall have individual nameplates located immediately adjacent to the respective device. Nameplate inscription shall identify the downstream equipment or device served by the circuit breaker or fuse.

- B. Identification nameplates, unless otherwise noted (UON), shall be laminated/extruded modified acrylic that is 3/32" thick, UV-stabilized, matte finish, suitable for use in 180 deg F ambient, with beveled edges and engraved white letters 3/8" high, minimum, on 1-1/2" high black background (utility/nominal and optional standby power systems) for single line of text. Where two lines of text are required, provide min. 2" high nameplate. Where three lines of text are required, provide min. 2.5" high nameplate. Provide white letters on red background for all NEC, or CEC where adopted, Article 517 essential power systems, Article 700 Emergency Systems, Article 701 Legally required standby systems and Article 708 CPS's.

- C. Identification nameplates for new switchgear, switchboards, distribution boards, distribution panels, panelboards and motor control centers shall be attached with switchgear manufacturer-provided screws via switchgear manufacturer factory pre-drilled holes. A factory option to rivet identification nameplates to the equipment is only acceptable if screw-fastened nameplates are not an available option from the switchgear manufacturer. Field drilling or other mechanical attachment methods that change/weld the NEMA or NRTL rating of the enclosure are strictly forbidden.

- D. Identification nameplates for transformers, transfer switches, disconnect switches, enclosed circuit breaker/switches, inverters, UPS's, PDU's, RDC's, SPD's, lighting control panels, dimming panels, door-releasing system panels, terminal cabinets and all circuit breakers/fuses in switchgear, switchboards, distribution boards, distribution panels, UPS output circuit breakers, PDU's, PDU sub-fed circuit breakers, and motor control centers shall be attached to the equipment by self-adhesive backing integral to the nameplates. When equipment is located outdoors, provide nameplates without self-adhesive backing and attach to equipment using weather-rated, UV-resistant epoxy. In all cases, clean surfaces before applying identification nameplates parallel to equipment lines.

- E. Warning Placards, as required by General Single Line Diagram Notes for multiple power sources, or instruction placards, as required for all lock-key interlock schemes, all UPS bypass procedures or as required elsewhere in the plans/specifications shall be engraved 1/2" high with white lettering on a red background using the same material specified for identification nameplates with a self-adhesive backing. Warning instruction placards shall be attached to the face of the equipment directly related to the placards. Provide a formal placard submitted for review by the Engineer prior to ordering any warning/instruction placards. In all cases, clean surfaces before applying warning/instruction placards parallel to equipment lines.

- F. Receptacles that are part of a UL-listed under floor computer room whip assembly, ceiling and/or cable/ladder tray-mounted receptacles used in lab, manufacturing, commercial kitchen environments or that are serving telecom/data/AV racks and cabinets shall have identification nameplates located on the wiring device plate cover. Nameplates shall be self-adhesive, 3/32" thick Micarta with beveled edges, engraved 1/4" high white lettering on black background with serving power source, circuit identification and NEMA/IEC receptacle type. Use of two (2) separate nameplates per device plate cover is acceptable. Aflx nameplates to be visible when plugs are occupying receptacles.

- G. See wiring device section of this specification for additional wiring device plate cover labeling requirements.

- H. Use drawings for panel board schedule directory installation requirements.

- I. See conduit installation section of this specification for conduit labeling requirements.

1.7 FINAL INSPECTION AND ACCEPTANCE

- A. After all requirements of the Specifications and/or the Drawings have been fully completed, representatives of the Owner will inspect the work. Contractor shall provide competent personnel to demonstrate the operation of any item or system to the full satisfaction of each representative.

1.8 RECORD DRAWINGS

- A. Drawings of Record: The Contractor shall provide and keep up-to-date, a complete record set of drawings. These shall be corrected daily and show every change from the original Drawings. This set of prints shall be kept on the job site and shall be used only as a record set. This shall not be construed as authorization for the Contractor to make changes in the layout without definite instruction in each case. Upon completion of the work, a set of reproducible Contract Drawings shall be obtained from the General Contractor and all changes as noted on the record set of prints shall be incorporated thereon using black ink in a neat legible, understandable and professional manner. Refer to the Supplementary General Conditions for complete requirements.

1.9 APPROVALS, EQUALS, SUBSTITUTIONS, ALTERNATIVES, NO KNOWN EQUAL

- A. Approvals: Where the words (or similar terms) "approved," "approval," "acceptable," and "acceptance" are used, it shall be understood that acceptance by the Owner, Architect and Engineer are required.
- B. Equal: Where the words (or similar terms) "equal," "approved equal," "equal to," "or equal by," "or equal and equivalent" are used, it shall be understood that these words are followed by the expression "in the opinion of the Owner, Architect, and Engineer". For the purposes of specifying products, the above words shall indicate the same size, made of the same construction materials, manufactured with equivalent life expectancy, having the same aesthetic appearance/style (includes craftsmanship, physical attributes, color and finish), and the same performance.

- C. Substitution: For the purposes of specifying products, "substitution" shall refer to the substitution of a product not explicitly approved by the construction documents/specifications.

1. Substitutions of specified equipment shall be submitted and received by the Engineer ten (10) days prior to the bid date for review and written approval. Regulatory Agency approval for all substitutions will be the sole responsibility of the contractor. To receive consideration, requests for substitutions must be accompanied by documentary proof of its equality with the specified material. Documentary proof shall be in letter form and identify the specified values/materials alongside proposed equal values/materials. In addition, catalog brochures and samples, if requested, must be included in the submittal. ONLY PRE-BID APPROVED PRODUCTS, ISSUED VIA A FORMAL BID ADDENDUM TO ALL BIDDERS, WILL BE ALLOWED ON THE PROJECT. REGARDLESS OF THE APPROVAL ON ANY SUBSTITUTION, ALL BIDS SHALL BE BASED ON THE PRODUCTS EXACTLY AS SPECIFIED. PRICING FOR EACH APPROVED SUBSTITUTION SHALL BE INCLUDED IN THE BID SUBMITTAL, AS A SEPARATE LINE ITEM.
2. In the event that written authorization is given for a substitution of both the specified and proposed equal material for price comparison, as well as a verification of delivery dates that conform to the project schedule.
3. In the event of cost reduction, the Owner will be credited with 100 percent of the reduction, arranged by change order.
4. The Contractor warrants that substitutions proposed for specified items will fully perform the functions required.

- D. Alternates/Alternates: For the purposes of specifying products, "alternates/alternates" may be established to enable the Owner/Architect/Engineer to compare costs where alternative materials or methods might be used. An alternate price shall be submitted in addition to the base bid for consideration. If the alternate is deemed acceptable, written authorization will be issued.

- E. No Known Equal: For the purposes of specifying products, "No Known Equal" shall mean that the Owner/Architect/Engineer is not aware of an equivalent product. The Contractor will need to submit a "Substitution" item, per the requirements listed above, if a different product is proposed to be utilized.

1.10 SHOP DRAWINGS/SUBMITTALS

- A. Shop Drawings/Submittals, unless required otherwise by general project specifications or instructions to bidders, shall be submitted in electronic format (PDF) to include a Letter of Transmittal (LOT), which shall give a list of the drawings submitted with dates and/or system(s) components contained within the submittal. Drawings and material cut sheets shall be complete in every respect and edited/marked to indicate specific items being provided. Printed/hard copies are not acceptable.
- B. The shop drawings/submittals shall be marked with the name of the project, numbered consecutively, and bear the approval of the Contractor as evidence that the Contractor has checked the drawings. Any drawings submitted without this approval will be returned to the Contractor for resubmittal.
- C. If the shop drawings show variations from the requirements of the Contract because of standard shop practice or other reasons, the Contractor shall make specific mention of such variations in the Contractor's letter of transmittal. If the substitution is accepted, the Contractor shall be responsible for proper adjustment that may be caused by the substitution. Samples shall be submitted when requested.

- D. Only products listed as "Equal" within the contract documents, along with formally approved "Substitutions" will be reviewed. Products not conforming to these items will not be reviewed and will be returned to the Contractor for re-submittal.
- E. Review comments used in response to shop drawings/submittals are:

- | | |
|---------------------------|---|
| 1. "No Exception Taken" | Product approved as submitted. |
| 2. "Furnish as Corrected" | Re-submittal not required, although the Contractor shall provide the submitted product with corrections as noted. |
| 3. "Revise and Resubmit" | Re-submittal required with corrections as noted. |
| 4. "Rejected" | Re-submittal required based upon the originally specified product. |

1.11 MAINTENANCE, SERVICING, INSTRUCTION MANUALS AND WIRING DIAGRAMS

- A. All wiring diagrams shall specifically cover the system supplied. Typical drawings will not be accepted. Four (4) copies shall be presented to the Owner.

1.12 INTERRUPTION OF SERVICES/SERVICE SHUTDOWN

- A. Any interruption of electrical services, electrical circuits, electrical feeders, signal systems, communication systems, fire alarm systems, etc., required to perform work shall meet the specific prior-approval requirements of the Owner. Such work shall be scheduled with the Owner to be performed at the Owner's convenience.

- B. Interruptions/outages of any of the Owner's systems and services mentioned above shall be scheduled to occur during other than the Owner's normal business hours. Any overtime costs shall be borne by the Contractor.

- C. See drawings for any additional requirements regarding outages, interruption and any temporary services required.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Wiring Devices:

1. Provide wiring devices indicated per plan. Devices shall be specification grade. Acceptable manufacturers are Leviton, Pass & Seymour and Hubbell. Provide all similar devices of same manufacturer, unless indicated otherwise. All device colors shall be selected from the full range of manufacturer standard color options as selected by the Architect. This direction will be provided in the shop drawing review process.

- a. Wiring Devices (Decora)
- | | |
|--|-----------------------------|
| 1) Convenience Receptacle | #16252-COLOR |
| 2) Dedicated Receptacle | #16252-COLOR |
| 3) Convenience I.G. Receptacle | #16262-I.C-COLOR |
| 4) Dedicated IG Receptacle | #16362-I.C-COLOR |
| 5) Convenience G.F.C.I. Receptacle | #GFNT1-COLOR |
| 6) Dedicated G.F.C.I. Receptacle | #GFNT2-COLOR |
| 7) Convenience Hospital Grade Receptacle | #16252-HG7-COLOR |
| 8) Dedicated Hospital Grade Receptacle | #16352-HG7-COLOR |
| 9) Convenience G.F.C.I. Hospital Grade Receptacle | #GFNT1-HG7 |
| 10) Dedicated G.F.C.I. Hospital Grade Receptacle | #GFNT2-HG7 |
| 11) Tamper Resistant Convenience Receptacle | #TRR15-COLOR |
| 12) Tamper Resistant Dedicated Receptacle | #TRDR20-COLOR |
| 13) Tamper Resistant GFCI Receptacle | #GFRTR2-COLOR |
| 14) Tamper Res. Conv. G.F.C.I. Hospital Grade Receptacle | #GFRTR2-HG-COLOR |
| 15) Tamper Res. Dest. G.F.C.I. Hospital Grade Receptacle | #GFRTR2-HG-COLOR |
| 16) Weather/Tamper Resistant GFCI Receptacle | #GFWTR2-COLOR |
| 17) Convenience Simplex Receptacle | #16351-COLOR |
| 18) Dedicated Simplex Receptacle | #16351-COLOR |
| 19) Recessed Clock Receptacle | #6301-CH-COLOR (Non-Decora) |
| 20) Single Pole Switch | #6921-2-COLOR |
| 21) Double Pole Switch | #6622-2-COLOR |
| 22) Three Way Switch | #6622-2-COLOR |
| 23) Four Way Switch | #6624-2-COLOR |
| 24) Pilot Light Switch "On" | #6622-2-COLOR |
| 25) Pilot Light Switch "Off" | #6621-2-COLOR |
| 26) Projection Screen Switch | #6657-2-COLOR |
| 27) Low Voltage Momentary Switch | #6657-2-COLOR |
| 28) Keyed Switch | #1221-2L-COLOR |
| 29) Door Jam Switch | #1885-COLOR (Non-Decora) |

- b. Use of dedicated receptacles is required where plans depict a branch circuit supplying only a single simplex or duplex receptacle. Use of controlled receptacles is required where depicted on plans - See controlled receptacle specifications for additional information.

- I.G. (isolated ground) receptacle bodies shall be of a basic color specified above with an orange triangle to symbolize isolated ground.
- H.G. (hospital grade) receptacle bodies shall be of a basic color specified above with a green circle to symbolize hospital grade.

4. When shown circled with an I.G. conductor, all receptacles shall be of the I.G. type. As an example, a NEMA 1E-30R denoted on the plans and shown circled with an I.G. conductor shall be an I.G. version of the receptacle.

5. Wiring devices located in wood finished areas shall generally be black unless otherwise indicated by the Architect.

6. Wiring devices located in mirrors shall generally be white with stainless steel cover plates unless otherwise indicated by the architect.

7. In addition to other device requirements listed elsewhere in this specification and NEC, or CEC where adopted, Articles 406.12 & 517.18, all 125V & 250V, 15A and 20A, non-locking receptacles shall be Tamper-Resistant when located in the following locations:

- a. In dwelling units per NEC, or CEC where adopted, Article 210.52
- b. In guest rooms and guest suites of hotels and motels
- c. In child care or day-care facilities.
- d. In preschool and elementary education facilities
- e. In business offices, corridors, waiting rooms and the like in clinics, medical and dental offices and outpatient facilities.
- f. In a subset of Assembly Areas outlined in NEC, or CEC where adopted, Article 518.2 including transportation waiting areas, gymnasiums, skating rinks, and auditoriums.
- g. In dormitories.
- h. In pediatric care areas per NEC, or CEC where adopted, Article 517.16 (C).

8. Wiring devices shall be listed "hospital grade," and so identified, in the following locations:

- a. Patient bed locations within general care areas per NEC, or CEC where adopted, Article 517.18(B).
- b. Patient bed locations within critical care areas per NEC, or CEC where adopted, Article 517.19(B).
- c. In "other-than-hazardous" anesthesia/lighting rooms per NEC, or CEC where adopted, Article 517.61(C)(2).

9. Wiring device cover plates located on recessed boxes shall be commercial grade nylon. Plate color shall match wiring device color UON on plans. Cover plates utilized on surface mounted boxes shall be metal. Plastic cover plates are unacceptable.

10. Except as otherwise noted, all wiring device plates on the project shall be labeled with panel and circuit number(s) utilizing a Brother P-Touch labeling system with 1/2" tape (yellow on black) or equal by Herman Tellemark or Panduit. Locate label on the concealed side of the wiring device plate. Handwritten labels are unacceptable.

11. The Contractor shall provide duplex receptacle outlets in the appropriate configurations necessary to comply with applicable energy code requirements for controlled receptacles and as shown on plans. All wiring devices indicated to be controlled receptacles shall be NEMA-approved, electrical code-compliant with factory markings on the face of the receptacle(s) with the word "Controlled" or utilize further markings and symbols to indicate which receptacles on each outlet is/are controlled. Stickers, field-applied markings or other non-permanent markings are not acceptable. Where a GFCI receptacle outlet is required to be controlled, provide an adjacent controlled duplex receptacle outlet connected on the load side of the GFCI outlet. Generally, one receptacle in a duplex receptacle outlet is required to be controlled. It may be the lower receptacle or upper receptacle based on manufacturer offering. However, the controlled receptacle location within a controlled receptacle outlet shall remain consistent throughout the project. Where an existing duplex receptacle outlet is required to be controlled, provide a new wiring device with the appropriate control configuration necessary to comply with plans. All controlled receptacles shall be connected to a branch circuit controlled by an occupancy sensor-based or relay panel lighting control system. Acceptable manufacturers are Leviton, Pass and Seymour & Hubbell.

12. The following wiring device plates shall have custom engraving:

- a. Key operated switches, switches with pilot lights, and switches for the control of motors, heaters and ventilators. Engraving shall be black and occur on the exposed side of the plate indicating the motor, motor, or ventilator speed/revolutions.
- b. Receptacles on optional standby generator and/or UPS power shall have custom engraved plates with the words "Generator" or "UPS" in black letters. In addition, where located in telecommunications closets, ID's, server rooms, data centers, labs (wet, dry or electronic) indicating panel board and circuit number.
- c. For Health Care facilities, provide custom engraved device cover plates, for all devices, indicating panel board and circuit number. Devices served by normal/utility power circuits shall have black lettering devices served by essential electrical system power circuits shall have red lettering.
- d. All stainless steel and nylon device plates shall be engraved using a rotary engraving process except for black lettering on stainless steel device plates which may be accomplished via laser engraving process. All lettering shall be 3/16" high. Provide a dimensioned submittal drawing detailing a typical device faceplate with engraving.

- G. Weatherproof Outlet Covers/Assemblies: All Receptacles identified as weatherproof on the drawings shall be weather-resistant, tamper-resistant, GFCI type and equipped as follows:

1. Type WP-A: Recessed wall box with a hinged, lockable, cast aluminum, self-dosing, gasket-equipped door that is wet location-listed raintight white "in use". Unit shall comply with NEC, or CEC where adopted, Article 406.8(A) and (B). UON on drawings, provide a minimum of 2 separate compartments suitable for installation of power receptacles, AV or communications outlets. Additionally, unless otherwise noted on drawings, provide the following:
 - a. A 20A Weather-resistant, tamper-resistant, GFCI duplex receptacle in the first compartment. Provide branch circuiting per plans.
 - b. A blank metal plate suitable for field installation of power, AV or communications devices in the second compartment.
 - c. Where indicated on plans as requiring data, AV or other low voltage service outlet, provide min. 3/4" C.O. with pull string routed from the second compartment to nearest low voltage pull box (C.W. Cole #FL310-WCS-K1-CUSTOM COLOR and (B). Where shown mounted in a building wall, air blower compartment shall be equipped minimum 3/4" C.W. with pull string routed to the nearest accessible opening space.
 - d. See wiring device section of this specification for additional wiring device plate cover labeling requirements.
 2. (1) key minimum per device (minimum of 2 per project) to the Owner's project manager upon completion of project.
 3. Custom color powder coat finish as selected by Architect - Include all costs in base bid for same.
 4. In locations with sufficient wall depth, provide 6" wide x 6" tall x 5-1/2" deep recessed wall box (C.W. Cole #FL310-WCS-K1-CUSTOM COLOR).
 5. In locations utilizing shallow stud walls construction or other wall of insufficient depth, provide 10-3/4" wide x 7-3/8" tall x 3-7/8" deep recessed wall box (C.W. Cole #FL310-WCS-SH-K1-CUSTOM COLOR).
 - i. See drawings for additional details.
2. Type/Subscript WP-B: Wet location-listed raintight white "in use" cast copper-free aluminum, extra-duty, lockable cover with baked aluminum lacquer finish and one-gang, weather-resistant, tamper-resistant GFCI receptacle, Hubbell WP2SE series. Polycarbonate covers are unacceptable. Unit shall comply with NEC, or CEC where adopted, Article 406.8(A) and (B). Contractor shall provide cast cover assembly to a custom color where receptacle locations are deemed by the Architect to be in aesthetically sensitive or public spaces. Custom color as selected by Architect.

3. Type WP-C: (C.W. Cole #FL310-WCS-PED-ADA-K1-CUSTOM COLOR or #FL310-WCS-PED-K1-CUSTOM COLOR) pedestal device box with a hinged, lockable, cast aluminum, self-dosing, gasket-equipped door that is wet location - listed raintight white "in use". Unit shall comply with NEC, or CEC where adopted, Article 406.8(A) and (B). UON on drawings, provide a minimum of 2 separate compartments suitable for installation power receptacles, AV or communications outlets. Additionally, unless otherwise noted on drawings, provide the following:

- a. A 20A weather-resistant, tamper-resistant, GFCI duplex receptacle in the first compartment. Provide branch circuiting per plans.
- b. A blank metal plate suitable for field installation of power, AV or communications devices in the second compartment.
- c. Where indicated on plans as requiring data, AV or other UL outlet, provide min. 3/4" C.O. with pull string routed from the second compartment to nearest low voltage pull box.
- d. See wiring device section of this specification for additional wiring device plate cover labeling requirements.
- e. 1 key minimum per device (minimum of 2 per project) to the Owner's project manager upon completion of project.
- f. Include all costs in base bid for ADA version (22.5" tall) of pedestal box. Prior to ordering material, contractor shall coordinate with architect and/or AHJ to determine which pedestal box locations do not require ADA compliance and may be changed to the standard (11.5" tall) version of the pedestal box.
- g. Custom color powder coat finish as selected by Architect. Include all costs in base bid for same.
- h. See drawings for additional details.

4. Type/Subscript WP-D: damp location-listed (not-raintight-in-use) cast copper-free, pad lockable, die-cast aluminum cover with baked aluminum lacquer finish and one-gang GFCI receptacle, Hubbell WP5037 series. Polycarbonate covers are unacceptable. Unit shall comply with NEC, or CEC where adopted, article 406.8(A) and (B). Custom color powder coat finish as selected by Architect. Include all costs in base bid for same.

H. Circuit Breakers.

1. Service entrance circuit breakers smaller than 400A frame shall be thermal-magnetic trip with inverse time current characteristics unless otherwise indicated below. Service entrance main circuit breakers and main circuit breakers, 400A frame and larger shall be 100% rated, solid-state type as outlined in this specification. All other service entrance circuit breakers, 400A frame and larger, shall be 100% rated, solid-state type as outlined in this specification.
2. All non-service entrance circuit breakers 225A and larger shall be thermal magnetic type and have continuously adjustable instantaneous pick-ups of approximately 5 to 10 times trip rating. Breakers shall have either tamper-resistant rating studs or easily changed trip rating plugs with trip ratings to match the Drawings. Rating plugs shall be interlocked so they are not interchangeable between frames. Additionally, all non-service entrance circuit breakers, 600A frame and larger, located in 480V 3 phase, 3-wire or 277/480V, 3 phase 4-wire switchgear, distribution boards, panel boards or busway plugs, shall be solid state, 100% rated. Breaker shall have built-in test points for testing long delay, short delay and instantaneous, and ground fault (where shown) functions of the breaker by means of a 120V operated test kit. Contractor shall utilize a test kit capable of testing all breakers 400A and above - at the Engineer's request.
3. All non-service entrance circuit breakers less than 225A shall be molded plastic case, air circuit breakers conforming to UL 489. Provide breakers with thermal magnetic trip units, and a common trip bar for two- or three-pole breakers, connected internally to each pole so tripping of one pole will automatically trip all poles of each breaker. Provide breakers of trip-free and trip-indicating bolt-on type, with quick-make, quick-break contact. Provide single two- or three-pole breaker interchangeability. Provide padlocking facility for circuit breakers as shown on the Drawings.
4. Where a Current Limiting Circuit Breaker (CLCB) is indicated on drawings or as required elsewhere in this specification, provide a UL listed current limiting thermal magnetic circuit breaker(s) UON. An independently operating limiter section within a molded case is not allowed. Coordinate CLCB ratings as required to protect electrical system components on the load side of the CLCB to include, but not limited to, protecting automatic transfer switches, panel boards and lighting control panels.
5. Where a solid state circuit breaker is indicated on drawings or as required elsewhere in this specification, provide a solid state circuit breaker with minimum five function complete with built-in current transformers. The five functions shall be independently adjustable and consist of Overload/Long Time Amp Rating, Long Time Delay, Short Time Delay, Short Circuit/Instantaneous Pickup, but may also include Short Trip and/or Ground Fault if so indicated on the Drawings. Rating plugs shall be interlocked so they are not interchangeable between frames. Breaker shall have built-in test points for testing long delay and instantaneous, and ground fault (where shown) functions of the breaker by means of a 120V operated test kit. Contractor shall utilize a test kit capable of testing all breakers 400A and above, at the Engineer's request.
6. Circuit breakers, 1200A frame or larger, or circuit breakers with sensors or adjustable trip settings, 1200A or larger, shall be equipped with an Energy Reducing Maintenance Switch that complies with NEC, or CEC where adopted, 240.87 (B) (3) unless specified elsewhere with an alternate arc energy reduction method allowed by this same code section.
7. Ground Fault Interrupting Breakers: Provide with molded plastic case, air circuit breakers, similar to above with ground fault circuit interrupt capability, conforming to UL Class A, Group 1.
8. Arc Fault Interrupting Breakers: Provide with molded plastic case, air circuit breakers, similar to above with arc fault circuit interrupt capability, conforming to UL 1699. Provide on all dwelling-unit circuits supplying bedrooms, sleeping quarters, etc., as required to comply with NEC, or CEC where adopted, Article 210.12.
9. Tandem or half-sized circuit breakers are not permitted.
10. Series-Rated Breakers: UL listed series-rated combinations of breakers can be used to obtain panelboard-interrupting ratings shown on Drawings. If series-rated breakers are used, switchboards, distribution boards and panelboards shall be appropriately labeled to indicate the use of series rated breakers. Shop drawing submittal shall include chart of UL listed devices which coordinate to provide series rating.
11. Circuit breakers shall be standard interrupting construction. Panelboards shall accept standard circuit breakers up to 100A.
12. Circuit breaker handle accessories shall provide provisions for locking handle in the on or off position.
13. Shunt trip equipped circuit breakers shall be provided on all elevator feeders.
14. Temperature compensating circuit breaker(s) shall be provided when located in outdoor enclosure(s) or when located in an enclosure subject to high ambient heat due to nearby industrial processes, etc.
15. Provide 75 degree Celsius-rated conductor fugs/lugs kits as required on all circuit breakers to accept conductor quantities and sizes shown on drawings.
16. All circuit breaker terminations shall be suitable for use with 75 degree Celsius ampacity conductors. Listed, dual-rated pin terminals, straight or offset, are acceptable for use in accommodating oversized or parallel conductor installations.



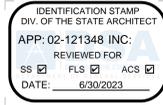
17. Circuit breakers serving Fire Alarm or Central Monitoring panels and power supplies shall be red in color and lockable in the "OFF" position.

I. Disconnect Switches:

1. Non-fuseable or fuseable, externally operated horsepower-rated, 600V A.C. Provide NEMA 3R, lockable enclosures for all switches located on roof tops, in wet or damp areas and in any area exposed to the elements.
2. Fusible switches shall be Class "R" when 600A or less, and Class "L" when greater than 600A.
3. Amperage, horsepower, voltage, and number of poles per drawings. All shall be clearly marked on the switch nameplate.
4. Provide the Owner's project manager with one (1) spare set of fuses and two (2) sets of fuse clips/fuses for every set of fuses on the project.

J. Conduit:

1. Galvanized Rigid Conduit (GRC) shall be full weight threaded type steel. Steel conduit shall be protected by overall zinc coating to inside and outside surfaces, applied by the hot dip, metallizing, or sherardizing process.
2. Intermediate Metal Conduit (IMC) shall be hot-dipped galvanized in



OWNER: LODI UNIFIED SCHOOL DISTRICT
PROJECT NAME: BEAR CREEK HIGH SCHOOL RESTROOMS MODERNIZATION
CLIENT ADDRESS: 10555 Thornton Road, Stockton, CA 95209

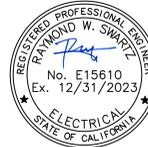


Table with 2 columns: REVISIONS, DESCRIPTION, DATE. Contains a list of revision entries with triangular symbols in the first column.

PROJECT NO: 2023-40123
DATE ISSUED: 2023-04-20
SCALE: As indicated

SHEET NUMBER: E21.2
SHEET TITLE:

ELECTRICAL SPECIFICATIONS



- U. Fittings: 1. Conduit type fittings shall be smooth inside and out, taper threaded with integral insulating bushing and of the sizes, sizes and types required to facilitate installation or removal of wires and cables from the conduit and tubing system.
CC. Seismic Design, Certification, and Anchoring of Electrical Equipment (less than 20lbs): 1. Contractor shall include all costs in the base bid for labor, materials, all special inspections and structural engineering design necessary to meet the Seismic Design Requirements for Non-structural Components
26. Surface-mounted pull boxes, junction boxes, etc. shall be attached to wall using appropriate screws with lengths accounting for thickness of finishes (gypsum board, etc).
27. Except where below grade, sleeves shall be installed where conduit passes through masonry or concrete walls and shall be 24 gauge galvanized steel no more than 1/2" greater in diameter than the outside diameter of the conduit.