

GENERAL NOTES

- DO NOT SCALE DRAWINGS.
- ALL CONSTRUCTION AND DETAILS SHALL BE COMPLETED IN FULL COMPLIANCE WITH THE 2016 CALIFORNIA BUILDING CODE AND ALL OTHER APPLICABLE CODES AND AMENDMENTS ENACTED BY THE CITY OF INGLEWOOD AND/OR COUNTY OF LOS ANGELES.
- IF ANY CONFLICT IN INFORMATION IS DISCOVERED WITH REFERENCES TO STANDARDS OF PERFORMANCE OR CONSTRUCTION OR WORKMANSHIP, THE MORE ONEROUS PROVISION SHALL BE DEEMED TO APPLY UNLESS OTHERWISE AGREED TO BY THE ARCHITECT.
- THE CONTRACTOR (AND HIS SUB-CONTRACTORS) SHALL STUDY AND COMPARE THE CONTRACT DOCUMENTS AND SHALL AT ONCE REPORT TO THE ARCHITECT IN WRITING ALL INCONSISTENCIES, ERRORS OR OMISSIONS DISCOVERED AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO COMMENCING THE WORK. IF THE CONTRACTOR PROCEEDS WITH ANY OF THE WORK SO AFFECTED WITHOUT WRITTEN INSTRUCTIONS OF THE ARCHITECT, THE CONTRACTOR SHALL MAKE GOOD AT HIS OWN COST ANY RESULTING ERROR, DAMAGE, OR DEFECTS OR TIME DELAYS SO CAUSED. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK WITHOUT CONTRACT DOCUMENTS OR, WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLES BEING AVAILABLE ON SITE FOR WORKERS TO REFER TO. FOR SUCH PORTION OF THE WORK.
- CONTRACTOR SHALL PROVIDE A BLANKET ONE-YEAR GUARANTEE FOR THE TOTAL JOB WITH THE SEPARATE GUARANTEE FOR SPECIFIC TRADES/SECTOR ITEMS, WITH THE NAMES OF LOCAL REPRESENTATIVES TO BE CONTRACTED FOR SERVICE. THE CONTRACTOR SHALL PROVIDE OPERATING AND MAINTENANCE BROCHURES AS REQUIRED. THE GUARANTEE SHALL COMMENCE WHEN THE WORK IS DEEMED SUBSTANTIALLY COMPLETE BY THE ARCHITECT.
- CONTRACTOR SHALL PROVIDE ONE MARKED UP SET OF DRAWINGS INDICATING ALL DIFFERENCES, CHANGES, ETC., AND ACTUAL LOCATIONS OF CONCEALED WORK, BEFORE ARCHITECT'S FINAL SIGNATURE.
- WHERE SPECIFIED ITEMS ARE MENTIONED, THE CONTRACTOR MAY SUBMIT EQUAL ALTERNATE MATERIALS FOR APPROVAL BY THE OWNER AND THE ARCHITECT. SUBMISSION PACKAGE SHALL CONTAIN BROCHURE, CUT SHEETS, SPECIFICATIONS, COSTS, AVAILABILITY, REFERENCES, ETC. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL CONSULT WITH REPRESENTATIVES OF APPLICABLE UTILITIES, INCLUDING BUT NOT LIMITED TO GAS, WATER, POWER, SEWER, TELEPHONE, AND CABLE TELEVISION AND DETERMINE EXACT LOCATIONS AND AVAILABILITY OF UTILITIES AND DETERMINE CONDITION OF EXISTING SERVICE PRIOR TO COMMENCING WORK OR CONNECTING UTILITIES. CONTRACTOR SHALL LOCATE UTILITIES BY POT-HOLING PRIOR TO BEGINNING CONSTRUCTION.
- CONTRACTOR TO STAKE OUT ALL WORKS AS SHOWN ON PLANS, CONFIRM EXISTING CONDITIONS AND PROPERTY LINE LOCATIONS, AND VERIFY COMPLIANCE WITH SETBACKS AND CLEARANCES AS REQUIRED BY CODE.
- IMPROVEMENTS ON THE SITE WORK IN PROGRESS, STORED MATERIALS, AND PUBLIC AND PRIVATE IMPROVEMENTS ON PROPERTY ADJACENT TO THE SITE SHALL BE PROTECTED BY THE CONTRACTOR FROM DAMAGE ARISING FROM THE WORK. ALL DAMAGE SO OCCURRING SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO OWNER.
- STRUCTURAL OBSERVATIONS BY THE STRUCTURAL ENGINEER ARE REQUIRED BY CITY OF INGLEWOOD. A WRITTEN STATEMENT SHALL BE GIVEN TO THE BUILDING OFFICIAL, STATING THAT SITE VISITS HAVE BEEN MADE AND WHETHER OR NOT ANY OBSERVED DEFICIENCIES HAVE BEEN CORRECTED TO CONFORM TO THE APPROVED PLANS AND SPECIFICATIONS.
- THE FOLLOWING NONSTRUCTURAL PRODUCTS SHALL COMPLY WITH AN APPROVED ICC EVALUATION REPORT. REPORT AND CONDITIONS OF APPROVAL REQUIRED: DECK COATING, EXTERIOR SIDING, FIRE RATED ASSEMBLIES, DAMP PROOFING MATERIAL BEHIND BASEMENT WALLS, ROOFING MATERIALS, SOUND/HEAT INSULATION, SKYLIGHTS
- CONTRACTOR SHALL ERECT AND MAINTAIN TEMPORARY BARRICADES AS NEEDED FOR PROTECTION AGAINST ACCIDENT, AND SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF HIS WORK AND THE OWNERS PROPERTY FROM DAMAGE OR LOSS ARISING IN CONNECTION WITH CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN OWNERS' REQUIREMENTS FOR SUCH BARRICADES.
- ELECTRIC POWER, PHONES, AND TEMPORARY TOOL FACILITIES ARE TO BE PROVIDED BY THE CONTRACTOR AS NECESSARY AND AS REQUIRED BY CODE.
- NO PART OF THE STRUCTURE SHALL BE OVERLOADED BEYOND ITS SAFE CARRYING CAPACITY BY THE PLACING OF MATERIALS, EQUIPMENT, TOOLS, MACHINERY OR ANY OTHER ITEM.
- CONTRACTOR SHALL PREPARE, SUBMIT AND HAVE CITY OF LOS ANGELES APPROVE ALL NECESSARY CONSTRUCTION STAGING, SITE ACCESS AND ENVIRONMENTAL PROTECTION PLANS.
- A COPY OF THE EVALUATION REPORT AND/OR CONDITIONS OF LISTING SHALL BE MADE AVAILABLE AT THE JOB SITE.

CONSTRUCTION

- ALL WOOD CONSTRUCTION SHALL BE #8 MINIMUM ABOVE ADJACENT FINISH GRADE UNLESS LUMBER IS TREATED FOR SUCH APPLICATIONS.
- CONTRACTOR SHALL CLEAN ALL GLASS, REMOVE STAINS, SPOTS, MARKS AND DIRT FROM ALL WORK. CLEAN ALL HARDWARE. REMOVE PAINT SPOTS AND SMears FROM ALL SURFACES. CLEAN ALL FIXTURES, FLOORS AND ANY OTHER ITEMS CAUSED BY CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL PROTECT FLOOR SURFACES FROM DAMAGE AND EQUIP MOBILE EQUIPMENT WITH PNEUMATIC TIRES.
- WHEN DEMOLITION IS REQUIRED ON SITE: (1) ALL DEBRIS SHALL BE WET AT THE TIME OF HANDLING TO PREVENT DUST; (2) NO STRUCTURAL MEMBER IN ANY STORY SHALL BE DEMO'ED UNTIL THE STORY ABOVE IS COMPLETELY REMOVED; (3) FREE FALL DUMPING OVER EXISTING WALL WILL NOT BE ALLOWED FOR HEIGHT MORE THAN 25 FT.
- ALL METAL FLASHING, GUTTER, AND DOWNSPOUT JOINTS SHALL BE LAPPED, JOINED, AND SEALED SO THAT THEY ARE WATER TIGHT AND PROVIDE FOR POSITIVE WATER FLOW.
- THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR & UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL-BOXES, TRANSFORMERS, VALVES, PUMPS, VALVES, METER, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOP-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES - WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/OR ADDITIONAL EXPENSES.
- ALL GRADING SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE UNIFORM BUILDING CODE. ALL EXCAVATED MATERIAL RESULTING FROM GRADING SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.

GLAZING

- ALL PENETRATION PRODUCT OR EXTERIOR DOOR, OTHER THAN FIELD-FABRICATED PENETRATION PRODUCTS AND FIELD-FABRICATED EXTERIOR DOORS, SHALL BE CERTIFIED AND LABELED TO SHOW COMPLIANCE WITH AIR INFILTRATION STANDARDS OF CALGREEN SECTION AS.205.1
- GLASS DOORS, ADJACENT PANELS, AND GLAZED OPENINGS WITHIN 18" OF THE ADJACENT FLOOR SHALL BE OF GLASS APPROVED FOR IMPACT HAZARD. 91.171(D) (HSC 25997 EFF. 3/4/72). ALL GLAZING TO BE FULLY TEMPERED GLASS.
- UNIT SKYLIGHTS SHALL BE LABELED BY AN APPROVED LABELING AGENCY. SUCH LABEL SHALL STATE THE PROVIDED LABELING AGENCY NAME, PRODUCT DESIGNATION AND PERFORMANCE GRADE RATING. 2405.5

PLUMBING

- ALL PLUMBING AND DRAIN LINES INDICATED ON THE PLANS IN CEILING & WALLS TO BE CAST IRON AND INSULATED AS REQUIRED.
- ALL PLUMBING PENETRATIONS THROUGH WALLS WHICH REQUIRED PROTECTED OPENINGS (OCCUPANCY SEPARATION WALLS, AREA SEPARATION WALLS, CORRIDOR WALLS AND WALLS TO CLOSE TO A REAL OR IMAGINARY PROPERTY LINE) ARE REQUIRED TO BE GALVANIZED OR CAST IRON PIPING.
- CONTRACTOR SHALL VERIFY THAT COPPER WATER SUPPLY LINES ARE SIZED TO PROVIDE ACCEPTABLE PRESSURE AND VOLUME. CONTRACTOR SHALL CONNECT WASTE LINES TO SEWER AND PROVIDE CLEANOUTS AND VENTILATION AS REQUIRED BY THE UNIFORM PLUMBING CODE.
- AN APPROVED SEISMIC GAS SHUT OFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWN STREAM SIDE OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING THE FUEL GAS PIPING. (ORDINANCE 170.158). SEPARATE PLUMBING PERMIT IS REQUIRED (INCLUDES COMMERCIAL ADJUSTIONS TO WORK OVER \$10,000).
- PROVIDE ULTRA LOW FLUSH WATER CLOSURES FOR ALL NEW CONSTRUCTION. EXISTING SHOWER HEADS AND TOILETS MUST BE ADAPTED FOR LOW WATER CONSUMPTION. REFER TO CALGREEN BUILDING NOTES AND CITY OF LOS ANGELES AMENDMENTS FOR REQUIREMENTS.
- SHOWER COMPARTMENTS AND WALLS ABOVE BATHRUM WITH INSTALLED SHOWER HEADS SHALL BE FINISHED WITH A SMOOTH, NON-ABSORBENT SURFACE TO HEIGHT NOT LESS THAN 72 INCHES ABOVE THE DRAIN INLET (SECTION 12012.3). USE OF WATER-RESISTANT GYPSUM BACKING BOARD SHALL BE AS STATED IN SECTION 2509.3.
- WATER HEATERS MUST BE STRAPPED TO A WALL (SEC 507.3, UPC).

ENERGY NOTES

- THE REQUIREMENTS OF TITLE 24, PART 2, CHAPTER 2-63 HAVE BEEN REVIEWED AND THE DESIGN SUBMITTED CONFORMS WITH THESE REGULATIONS.
- THE CONTRACTOR SHALL PROVIDE THE OWNER A LIST OF THE HEATING, COOLING, WATER HEATING, LIGHTING AND CONSERVATION OF SOLAR DEVICES AS INSTALLED IN THE BUILDING AND INSTRUCTIONS ON HOW TO USE THEM EFFICIENTLY.
- A MAINTENANCE LABEL SHALL BE AFFIXED TO ALL EQUIPMENT REQUIRING PREVENTATIVE MAINTENANCE, AND A COPY OF THE MAINTENANCE INSTRUCTIONS SHALL BE PROVIDED FOR THE OWNERS USE.
- INSULATION SHALL BE CERTIFIED BY THE MANUFACTURER TO COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL.
- AFTER INSTALLING INSULATION, THE INSTALLER SHALL POST IN A CONSPICUOUS LOCATION A CERTIFICATE SIGNED BY THE INSTALLER STATING THAT THE INSTALLATION IS CONSISTENT WITH THE PLANS AND SPECIFICATIONS FOR WHICH THE BUILDING PERMIT WAS ISSUED, AND CONFORMS WITH THE REQUIREMENTS OF CHAPTER 243. THE CERTIFICATE SHALL ALSO STATE THE MANUFACTURER'S NAME AND MATERIAL IDENTIFICATION, THE INSTALLED "R" VALUE, AND, IF LOSS-FILL INSULATION, THE MINIMUM INSTALLED WEIGHT PER SQ.FT. CONSISTENT WITH THE MANUFACTURER'S LABELED INSTALLED DENSITY FOR THE DESIRED "R" VALUE.
- CEILING/ROOF SHALL BE INSTALLED AS PER S-6352 (A) BETWEEN FRAMING MEMBERS WITH INSULATION HAVING AN INSTALLED THERMAL RESISTANCE AS REQUIRED BY THE TITLE 24 REPORT.
- WOOD-FRAMED WALLS SHALL BE INSULATED BETWEEN FRAMING MEMBERS WITH INSULATION HAVING AN INSTALLED THERMAL RESISTANCE AS REQUIRED BY THE TITLE 24 REPORT.
- ALL DOORS AND WINDOWS BETWEEN CONDITIONED AND UNCONDITIONED SPACE SHALL BE FULLY WEATHER-STRIPPED.
- PLUMBING LINE OPENINGS, AND MASONRY/WOOD FRAMING JOINTS SHALL BE CAULKED OR OTHERWISE SEALED TO LIMIT WATER AND AIR INFILTRATION.
- MANUFACTURED DOORS AND WINDOWS SHALL BE CERTIFIED AND LABELED INDICATING THAT THEY MEET THE INFILTRATION STANDARDS LISTED IN TABLE 2.53V, 2.14, SECTION 2.
- FAN OR OTHER EXHAUST SYSTEMS EXHAUSTING AIR FROM CONDITIONED SPACE TO THE OUTSIDE SHALL BE PROVIDED WITH BACKDRIFT DAMPERS TO PREVENT AIR LEAKAGE.
- THERMOSTATICALLY CONTROLLED HEATING OR COOLING SYSTEMS SHALL HAVE AN AUTOMATIC THERMOSTAT WITH A CLOCK MECHANISM WHICH THE BUILDING OCCUPANT CAN MANUALLY PROGRAM TO AUTOMATICALLY SET BACK THE THERMOSTAT SET POINTS FOR AT LEAST TWO PERIODS WITHIN 24 HOURS.
- WATER HEATER SIZE TO BE AS PER PLUMBING DRAWINGS, AND TO BE STATE LISTED.
- STORAGE TYPE WATER HEATERS SHALL BE EXTERNALLY WRAPPED WITH INSULATION HAVING AN INSTALLED THERMAL RESISTANCE OF R-12 OR GREATER.
- ALL SHOWERHEADS, LAVATORY FAUCETS AND SINK FAUCETS SHALL BE CERTIFIED BY THE MANUFACTURER AS COMPLYING WITH THE APPLICABLE CALIFORNIA APPLIANCE EFFICIENCY STANDARDS.
- LAMPS USED IN LUMINAIRES FOR GENERAL LIGHTING IN KITCHENS AND BATHROOMS SHALL HAVE AN EFFICACY OF NOT LESS THAN 25 LUMENS PER WATT (I.E. FLUORESCENT). LUMINAIRES WHICH ARE THE ONLY LIGHTING IN A KITCHEN OR BATHROOM WILL BE CONSIDERED GENERAL LIGHTING. LIGHTING TO BE USED ONLY FOR SPECIFIC VISUAL TASKS OR DECORATIVE EFFECT ARE EXEMPT. FROM THIS REQUIREMENT. SUCH EXEMPT LIGHTING INCLUDES LUMINAIRES THAT ARE MEANT TO LIGHT ONLY A SPECIFIC TASK AREA SUCH AS A KITCHEN COUNTER OR SINK, A DINING TABLE, OR A BATHROOM MIRROR.
- TOILET ROOMS SHALL BE PROVIDED WITH A FULLY OPENABLE EXTERIOR WINDOW WITH AN AREA NOT LESS THAN 3 SQUARE FEET OR A VERTICAL CUTOFF NOT LESS THAN 100 SQUARE INCHES IN AREA FOR THE FIRST WATER CLOSET PLUS 90 SQUARE INCHES ADDITIONAL AREA FOR EACH ADDITIONAL WATER CLOSET, OR A MECHANICALLY OPERATED EXHAUST SYSTEM CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 15 MINUTES, SUCH MECHANICALLY OPERATED EXHAUST SYSTEM SHALL BE CONNECTED DIRECTLY TO THE OUTSIDE, AND THE POINT OF DISCHARGE SHALL BE AT LEAST 3 FEET FROM ANY OPENING THAT ALLOWS AIR ENTRY INTO OCCUPIED PORTIONS OF THE BUILDING.

- THE SERVICE PANEL OR SUBPANEL(S) SHALL HAVE SUFFICIENT CAPACITY TO ACCOMMODATE THE REQUIRED NUMBER OF DEDICATED 40-AMPERE MINIMUM BRANCH CIRCUIT(S) FOR THE FUTURE INSTALLATION OF THE EYEVE.
- THE ELECTRICAL SYSTEM SHALL HAVE SUFFICIENT CAPACITY TO SIMULTANEOUSLY CHARGE ALL DESIGNATED EV SPACES AT THE FULL RATED AVERAGE OF THE EYVE. PLAN DESIGN SHALL BE BASED UPON A 40-AMPERE MINIMUM BRANCH CIRCUIT. A SEPARATE ELECTRICAL PERMIT WILL BE REQUIRED.
- THE SERVICE PANEL OR SUBPANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVERCURRENT PROTECTIVE DEVICE SPACE (S) RESERVED FOR THE FUTURE EV CHARGING PURPOSES AS 'EV-CAPABLE' IN ACCORDANCE WITH THE LOS ANGELES ELECTRICAL CODE.
- A COPY OF THE CONSTRUCTION DOCUMENTS OR A COMPANILMENT DOCUMENT INDICATING THE INFORMATION FROM ENERGY CODE SECTION 5.110.10(B) THROUGH 110.10(C) SHALL BE PROVIDED TO THE OCCUPANT.
- ALL PENETRATIONS INTO SOUND RATED PARTITIONS OR FLOOR-CEILING ASSEMBLIES WILL BE SEALED WITH APPROVED PERMANENT ACOUSTIC RESILIENT SEALANT.
- ALL RIGID CONDUIT, DUCTS, PLUMBING PIPES, APPLIANCE VENTS LOCATED IN SOUND ASSEMBLIES SHALL BE ISOLATED FROM THE BUILDING CONSTRUCTION BY MEANS OF RESILIENT SLEEVES. MOUNTS OR MINIMUM 1/4" THICK APPROVED RESILIENT MATERIAL.
- AN APPROVED PERMANENT AND RESILIENT ACOUSTIC SEALANT WILL BE PROVIDED ALONG THE JOINT BETWEEN THE FLOOR AND THE SEPARATION WALLS
- A MINERAL FIBER INSULATION WILL BE INSTALLED IN JOIST SPACES WHEREVER PLUMBING PIPING OR DUCT PENETRATES A FLOOR-CEILING ASSEMBLY OR WHERE SUCH UNIT PASSES THROUGH THE PLANE OF THE FLOOR-CEILING ASSEMBLY FROM WITHIN A WALL. THE INSULATION SHALL BE INSTALLED TO A POINT 12" BEYOND THE PIPING OR DUCT.
- ELECTRICAL OUTLET BOXES IN OPPOSITE FACES OF SEPARATION WALLS WILL BE SEPARATED HORIZONTALLY BY 24" AND BACK AND SIDES OF BOXES WILL BE SEALED WITH 1/8" RESILIENT SEALANT AND BACKED BY A MINIMUM OF 2" THICK MATERIAL. FIBER INSULATION, TV, TELEPHONE AND INTERCOM OUTLETS MUST BE INSTALLED IN BULLET BOXES ACCORDINGLY.

MEANS OF EGRESS

- CORRIDOR WIDTH TO BE A MINIMUM OF 44 INCHES OR PER SEC. 1005.1, WHICHEVER IS GREATER.(1002.2)
- EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED AT ALL TIMES. (1013.3)
- EXIT SIGNS ILLUMINATED BY AN EXTERNAL SOURCE SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT CANDLES (54 LUX).
- INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN THE MANUFACTURER'S INSTRUCTIONS AND SECTION 2702.
- EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM THAT WILL PROVIDE AN ILLUMINATION OF NOT LESS THAN 90 MIN. IN CASE OF PRIMARY POWER LOSS. (1013.6)
- DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. SEE 1010.1.9.3 FOR EXCEPTIONS.
- DOOR HANDLES, LOCK AND OTHER OPERATING DEVICES SHALL BE INSTALLED AT A MIN. 34" AND A MAX. 48" ABOVE FINISHED FLOOR.
- LOCKS AND LATCHES SHALL BE PERMITTED TO PREVENT OPERATION OF DOORS WHERE A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE OR ADJACENT TO THE DOOR STATING THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED.
- ALL EGRESS DOOR OPERATION SHALL ALSO COMPLY WITH SECTION 1010.1.9.10 - 1010.1.9.12
- THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.
- THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
 - A) AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS
 - B) CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS
 - C) EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNITS, EXIT DISCHARGE & ACCUMULATED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS
 - D) EXTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1028.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS
 - E) EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1010.1.6, FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702.
- EMERGENCY LIGHTING SYSTEMS SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE (6 LUX) ABOVE AND A MINIMUM AT ANY POINT OF 0.06 FOOT-CANDLE (0.6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.
- ALL EXIT DOORS SHALL COMPLY WITH SECTION 1010.1
 - A) CLEAR WIDTH OF EACH DOOR OPENING SHALL BE MIN. 32" OR PER SEC. 1005.1, WHICHEVER IS GREATER.
 - B) MIN. DOOR HEIGHT OF 6'-8"
 - C) SHALL BE CAPABLE OF OPENING 90 DEGREES
 - D) THE MAXIMUM WIDTH OF A SWINGING DOOR LEAF SHALL BE 48" NOMINAL.
 - E) EXIT DOOR SHALL BE SIDE-HINGED SWINGING TYPE.
- FLOORS OR LANDINGS ON EACH SIDE OF DOORS TO HAVE THE SAME ELEVATION. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS (MAX. 2% SLOPE)(1010.1.5)
- THE EXIT SIGNS SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES UNIT EQUIPMENT OR AN ON-SITE GENERATOR SET, AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE.
17. CARBON MONOXIDE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL THE ALARMS IN THE INDIVIDUAL UNIT. EQUIPPED CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH A BATTERY BACKUP.
18. PROVIDE EMERGENCY RESPONDER RADIO COVERAGE IN ACCORDANCE WITH LAFD 510
19. MEANS OF EGRESS SERVING A ROOM OR SPACE SHALL BE ILLUMINATED AT ALL TIMES THAT THE ROOM OR SPACE IS OCCUPIED. THE ILLUMINATION LEVEL SHALL NOT BE 1 FOOT-CANDLE AT THE WALKING SURFACE.
20. IN THE EVENT OF A POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS FOR A DURATION OF NOT <90 MIN. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOT-CANDLE AND A MIN AT ANY POINT OF 1 FOOT-CANDLE.
 - I. AISLES
 - II. CORRIDORS
 - III. EXIT ACCESS STAIRWAYS AND RAMPS
 - IV. INTERIOR AND EXTERIOR EXIT STAIRWAYS AND RAMPS
 - V. EXIT PASSAGEWAYS
 - VI. VESTIBULES AND AREAS ON THE LEVEL OF DISCHARGE USED FOR EXIT DISCHARGE
 - VII. ELECTRICAL EQUIPMENT ROOMS
 - VIII. FIRE COMMAND CENTERS
 - IX. FIRE FIGHTER ROOMS
 - X. GENERATOR ROOMS
 - XI. PUBLIC RESTROOMS > 300 SF
21. PROVIDE TWO WAY COMMUNICATION AT THE LANDING SERVING EACH ELEVATOR OR BANK OF ELEVATORS ABOVE OR BELOW THE LEVEL OF EXIT DISCHARGE
22. TACTILE EXIT SIGNS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:
 - A. EACH EXIT DOOR AT EACH GRADE LEVEL EXTERIOR DOOR
 - B. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAYS OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE
 - I. EXIT RAMP UP
 - II. EXIT RAMP DOWN
 - III. EXIT STAIR UP
 - IV. EXIT STAIR DOWN
 - C. EXIT ROUTE AT EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY
 - D. EXIT ROUTE AT EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY
 - E. TO EXIT AT EACH EXIT DOOR THROUGH A HORIZONTAL EXIT
23. PROVIDE A SIGN AT EACH FLOOR LANDING IN AN INTERIOR EXIT STAIRWAY AND RAMP CONNECTION >3 STORIES DESIGNATING THE FLOOR LEVEL, THE TERMINUS OF THE TOP AND BOTTOM AND THE IDENTIFICATION OF THE STAIRWAY OR RAMP. THE SIGNAGE SHALL ALSO STATE THE STORY OF, AND THE DIRECTION TO, THE EXIT DISCHARGE AND THE AVAILABILITY OF ROOF.
24. DOORS:
 - A. MIN CLEAR WIDTH OF 32". MAX WIDTH OF A SWINGING DOOR LEAF SHALL BE 48". HEIGHT OF DOOR OPENING SHALL BE 80".
 - B. PIVOTED OF SIDE HINGED SWINGING TYPE.
 - C. DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR SPACE >48 square feet.
 - D. PROVIDE A FLOOR OR LANDING ON EACH SIDE OF A DOOR AT THE SAME ELEVATION. LANDINGS SHALL BE LEVEL, EXCEPT EXTERIOR LANDINGS WHICH ARE PERMITTED TO HAVE A SLOPE <2%, WIDTHS OF LANDINGS SHALL NOT BE LESS THAN THE WIDTH OF THE STAIR OR DOOR, WHICHEVER IS GREATER. min 44" LENGTH.
 - E. SPACES BETWEEN DOORS IN A SERIES SHALL BE 49" PLUS THE WIDTH A DOOR SWINGING INTO THE SPACE. DOORS SHALL SWING EIGHT IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN DOORS.
 - F. NOTE: DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
 - G. NOTE: DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34" MIN AND 48" MAX ABOVE THE FINISHED FLOOR. H. INTERIOR STAIRWAY MEANS OF EGRESS DOORS SHALL BE OPENABLE FROM BOTH SIDES WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT
 - I. DOORS SERVING ROOMS OR SPACES WITH AN OCCUPANT LOAD >49 IN A GROUP A, E, 1-2, or 1-2.1 SHALL PROVIDE PANIC OR FIRE EXIT HARDWARE
25. LOCKS AND/OR LATCHES ARE NOT PERMITTED ON ANY DOOR PROVIDING ACCESS FROM A PENHOUSE OR STAIRWAY TO THE ROOF EXCEPT A LOCK OR LATCH OPENABLE FROM THE INSIDE WITHOUT A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT

14. ALL EXIT DOORS SHALL COMPLY WITH SECTION 1010.1
 - A) CLEAR WIDTH OF EACH DOOR OPENING SHALL BE MIN. 32" OR PER SEC. 1005.1, WHICHEVER IS GREATER.
 - B) MIN. DOOR HEIGHT OF 6'-8"
 - C) SHALL BE CAPABLE OF OPENING 90 DEGREES
 - D) THE MAXIMUM WIDTH OF A SWINGING DOOR LEAF SHALL BE 48" NOMINAL.
 - E) EXIT DOOR SHALL BE SIDE-HINGED SWINGING TYPE.
15. FLOORS OR LANDINGS ON EACH SIDE OF DOORS TO HAVE THE SAME ELEVATION. LANDINGS SHALL BE LEVEL EXCEPT FOR EXTERIOR LANDINGS (MAX. 2% SLOPE)(1010.1.5)
16. THE EXIT SIGNS SHALL ALSO BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES UNIT EQUIPMENT OR AN ON-SITE GENERATOR SET, AND THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE.

17. CARBON MONOXIDE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL THE ALARMS IN THE INDIVIDUAL UNIT. EQUIPPED CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH A BATTERY BACKUP.
18. PROVIDE EMERGENCY RESPONDER RADIO COVERAGE IN ACCORDANCE WITH LAFD 510
19. MEANS OF EGRESS SERVING A ROOM OR SPACE SHALL BE ILLUMINATED AT ALL TIMES THAT THE ROOM OR SPACE IS OCCUPIED. THE ILLUMINATION LEVEL SHALL NOT BE 1 FOOT-CANDLE AT THE WALKING SURFACE.
20. IN THE EVENT OF A POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE ALL OF THE FOLLOWING AREAS FOR A DURATION OF NOT <90 MIN. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS NOT LESS THAN AN AVERAGE OF 1 FOOT-CANDLE AND A MIN AT ANY POINT OF 1 FOOT-CANDLE.
 - I. AISLES
 - II. CORRIDORS
 - III. EXIT ACCESS STAIRWAYS AND RAMPS
 - IV. INTERIOR AND EXTERIOR EXIT STAIRWAYS AND RAMPS
 - V. EXIT PASSAGEWAYS
 - VI. VESTIBULES AND AREAS ON THE LEVEL OF DISCHARGE USED FOR EXIT DISCHARGE
 - VII. ELECTRICAL EQUIPMENT ROOMS
 - VIII. FIRE COMMAND CENTERS
 - IX. FIRE FIGHTER ROOMS
 - X. GENERATOR ROOMS
 - XI. PUBLIC RESTROOMS > 300 SF
21. PROVIDE TWO WAY COMMUNICATION AT THE LANDING SERVING EACH ELEVATOR OR BANK OF ELEVATORS ABOVE OR BELOW THE LEVEL OF EXIT DISCHARGE
22. TACTILE EXIT SIGNS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:
 - A. EACH EXIT DOOR AT EACH GRADE LEVEL EXTERIOR DOOR
 - B. EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAYS OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE
 - I. EXIT RAMP UP
 - II. EXIT RAMP DOWN
 - III. EXIT STAIR UP
 - IV. EXIT STAIR DOWN
 - C. EXIT ROUTE AT EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY
 - D. EXIT ROUTE AT EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY
 - E. TO EXIT AT EACH EXIT DOOR THROUGH A HORIZONTAL EXIT
23. PROVIDE A SIGN AT EACH FLOOR LANDING IN AN INTERIOR EXIT STAIRWAY AND RAMP CONNECTION >3 STORIES DESIGNATING THE FLOOR LEVEL, THE TERMINUS OF THE TOP AND BOTTOM AND THE IDENTIFICATION OF THE STAIRWAY OR RAMP. THE SIGNAGE SHALL ALSO STATE THE STORY OF, AND THE DIRECTION TO, THE EXIT DISCHARGE AND THE AVAILABILITY OF ROOF.
24. DOORS:
 - A. MIN CLEAR WIDTH OF 32". MAX WIDTH OF A SWINGING DOOR LEAF SHALL BE 48". HEIGHT OF DOOR OPENING SHALL BE 80".
 - B. PIVOTED OF SIDE HINGED SWINGING TYPE.
 - C. DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING A ROOM OR SPACE >48 square feet.
 - D. PROVIDE A FLOOR OR LANDING ON EACH SIDE OF A DOOR AT THE SAME ELEVATION. LANDINGS SHALL BE LEVEL, EXCEPT EXTERIOR LANDINGS WHICH ARE PERMITTED TO HAVE A SLOPE <2%, WIDTHS OF LANDINGS SHALL NOT BE LESS THAN THE WIDTH OF THE STAIR OR DOOR, WHICHEVER IS GREATER. min 44" LENGTH.
 - E. SPACES BETWEEN DOORS IN A SERIES SHALL BE 49" PLUS THE WIDTH A DOOR SWINGING INTO THE SPACE. DOORS SHALL SWING EIGHT IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN DOORS.
 - F. NOTE: DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
 - G. NOTE: DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL BE INSTALLED 34" MIN AND 48" MAX ABOVE THE FINISHED FLOOR. H. INTERIOR STAIRWAY MEANS OF EGRESS DOORS SHALL BE OPENABLE FROM BOTH SIDES WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT
 - I. DOORS SERVING ROOMS OR SPACES WITH AN OCCUPANT LOAD >49 IN A GROUP A, E, 1-2, or 1-2.1 SHALL PROVIDE PANIC OR FIRE EXIT HARDWARE
25. LOCKS AND/OR LATCHES ARE NOT PERMITTED ON ANY DOOR PROVIDING ACCESS FROM A PENHOUSE OR STAIRWAY TO THE ROOF EXCEPT A LOCK OR LATCH OPENABLE FROM THE INSIDE WITHOUT A KEY, TOOL, OR SPECIAL KNOWLEDGE OR EFFORT

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28. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. EXIT SIGN PLACEMENT SHALL BE SUCH THAT NO POINT IN AN EXIT ACCESS CORRIDOR OR EXIT PASSAGEWAY IS MORE THAN 100' FROM THE NEAREST VISIBLE EXIT SIGN
29. EMERGENCY AND STANDBY POWER SYSTEMS SHALL BE DESIGNED TO PROVIDE REQUIRED POWER FOR 2-4HR MIN UNLESS SPECIFIED OTHERWISE
30. HANDRAILS
 - A. HEIGHT BETWEEN 34"-38"
 - B. EXTEND HORIZONTALLY +/-2" BEYOND THE TOP RISER AND CONTINUE TO SLOPE FOR THE DEPTH OF ONE TREAD BEYOND THE BOTTOM RISER
 - C. INTERMEDIATE HANDRAILS REQUIRED SUCH ALL PORTIONS OF REQUIRED WIDTH ARE WITHIN 30"
31. GUARDS
 - A. REQUIRED ALONG OPEN-SIDED WALKING SURFACES LOCATED >30" TO THE FLOOR BELOW
 - B. HEIGHT 42"
 - C. NO OPENINGS WHICH ALLOW PASSAGE OF A SPHERE 4" IN DIAMETER FROM WALKING SURFACE TO GUARD HEIGHT.
 - D. WHERE ROOF HATCH OPENING IS WITHIN 10' OF ROOF EDGE.
32. EACH TENANT SPACE, DWELLING UNIT, AND SLEEPING UNIT SHALL BE PROVIDED WITH ACCESS TO THE REQUIRED EXITS WITHOUT PASSING THROUGH ADJACENT TENANT SPACES, OR UNITS.
33. SHOW EXIT ACCESS TRAVEL DISTANCE MEASURED FROM THE MOST REMOTE POINT WITHIN A STORY TO THE ENTRANCE TO AN EXIT. TRAVEL DISTANCE ON EXIT ACCESS STAIRWAYS OR RAMPS SHALL BE INCLUDED IN THE EXIT ACCESS TRAVEL DISTANCE MEASUREMENT
34. CORRIDORS SHALL BE FIRE-RESISTANCE RATED IN ACCORDANCE WITH T1020.1
35. MIN WIDTH OF CORRIDORS SHALL NOT BE LESS THAN THAT SPECIFIED IN T1020.2
36. EXIT SHALL BE CONTINUOUS FROM THE POINT OF ENTRY INTO THE EXIT TO THE EXIT DISCHARGE
37. HORIZONTAL EXITS SHALL NOT SERVE >1/5 OF THE TOTAL NUMBER OF EXITS OR TOTAL EXIT MIN WIDTH OR REQUIRED CAPACITY.
38. MIN FIRE-RESISTANCE RATING OF THE HORIZONTAL EXIT SHALL BE 2HR. THE HORIZONTAL EXIT SHALL BE CONTINUOUS FROM EXTERIOR WALL TO EXTERIOR WALL AND EXTEND VERTICALLY THROUGH ALL LEVELS OF THE BUILDING UNLESS FLOORS ASSEMBLIES HAVE A FIRE-RESISTANCE RATING >2HR WITH NO UNPROTECTED OPENINGS
39. REFUGE AREA OF A HORIZONTAL EXIT SHALL BE ADEQUATE TO ACCOMMODATE THE ORIGINAL OCCUPANT LOAD OF THE REFUGE AREA PLUS THE OCCUPANT LOAD ANTICIPATED FROM THE ADJOINING COMPARTMENT. THE CAPACITY OF THE REFUGE AREA SHALL BE BASED ON 3 SF FOR EACH OCCUPANT TO BE ACCOMMODATED.
40. EXITS SHALL DISCHARGE DIRECTLY TO THE EXTERIOR OF THE BUILDING.
41. ALL FIRE RATED DOORS MUST BE SELF OR AUTOMATIC CLOSING

SECURITY NOTES

- COORDINATE WITH SECURITY COMPANY FOR INSTALLATION OF ALARM SYSTEMS.
- DOOR STOPS ON R-SWINGING DOORS SHALL BE OF ONE-PIECE CONSTRUCTION WITH THE JAMB OR BE PROVIDED WITH SOME DEVICE TO PREVENT THE DOOR FROM BEING OPENED SHOULD THE STOP BE REMOVED.
- STOPS ON OUT-SWINGING DOORS TO BE ONE-PIECE CONSTRUCTION OR FASTENED WITH 3/4" SCREWS @ 0" C.
- ALL PH-TYPE HINGES ACCESSIBLE FROM THE OUTSIDE WHEN THE DOOR IS CLOSED SHALL HAVE NON-REMOVABLE HINGE PINS OR A MECHANICAL INTERLOCK TO PRECLUDE REMOVAL OF THE DOOR FROM THE EXTERIOR BY REMOVING THE HINGE PINS. IN ADDITION, THEY SHALL HAVE 1/4" MIN. STEEL JAMB STOP WITH 1/4" MIN. PROJECTION.
- THE STRIKE PLATE FOR LATCHES AND THE HOLDING DEVICE FOR PROJECTING DEADBOLTS SHALL BE SECURED TO THE JAMB AND WALL FRAMING WITH 2" BRONZE SCREWS (A) THE STRIKE PLATE FOR DEAD BOLTS ON ALL WOOD FRAMED DOORS SHALL BE CONSTRUCTED OF MINIMUM SIXTEEN (16) U.S. GAUGE STEEL, LONG OR BRASS AND SECURED TO THE JAMB BY A MINIMUM OF TWO SCREWS, WHICH MUST PENETRATE AT LEAST TWO INCHES INTO SOLID BACKING BEYOND THE STRIKE OR THE STRIKE IS ATTACHED.
- DOOR JAMBS SHALL BE INSTALLED WITH BLOCKING IN SUCH A MANNER THAT ANY OPEN SPACE BETWEEN TRIMMERS AND WOOD DOOR JAMBS SHALL BE SOLID SHIMMED BY A SINGLE PIECE EXTENDING NOT LESS THAN TWELVE INCHES ABOVE AND BELOW THE STRIKE PLATE.
- TRIMMERS SHALL BE FULL DOOR LENGTH WITH SOLID BACKING AGAINST SLOE AND HEADER PLATES.
- HORIZONTAL BLOCKING SHALL BE PLACED BETWEEN STUDS AT LOCK STRIKE HEIGHT FOR 3 STUD SPACES
- DOUBLE DOORS (INACTIVE LEAFS) SHALL BE SECURED WITH BOTH HEAD AND BASE FLUSH BOLTS WITH A MINIMUM 5/8" EMBEDMENT.
- NOT LESS THAN THREE FOUR AND ONE-HALF INCH STEEL BUT HINGES SHALL BE SYMMETRICALLY FASTENED TO BOTH THE DOOR AND FRAME WITH NOT LESS THAN FOUR NO. 8 X 1/4" THREE-FOURTHS-INCH WOOD SCREWS OR TO METAL WITH NOT LESS THAN FOUR NO. 8 MACHINE SCREWS.
- SWINGING EXTERIOR GLASS DOORS, WOOD OR METAL DOORS WITH GLASS PANELS, SOLID WOOD OR METAL DOORS SHALL BE CONSTRUCTED OR PROTECTED AS FOLLOWS:
 - (1) WOOD DOORS SHALL BE OF SOLID CORE CONSTRUCTION WITH A MINIMUM THICKNESS OF ONE AND THREE-FOURTHS (1-3/4) INCHES. WOOD PANEL DOORS WITH PANELS LESS THAN ONE (1) INCH THICK SHALL BE COVERED ON THE INSIDE WITH A MINIMUM SIXTEEN (16) U.S. GAUGE SHEET STEEL OR ITS EQUIVALENT, WHICH IS TO BE ATTACHED WITH SCREWS ON MINIMUM SIX (6) INCH CENTERS. HOLLOW STEEL DOORS SHALL BE OF A MINIMUM SIXTEEN (16) U.S. GAUGE AND HAVE SUFFICIENT REINFORCEMENT TO MAINTAIN THE DESIGNED THICKNESS OF THE DOOR WHEN ANY LOCKING DEVICE IS INSTALLED. SUCH REINFORCEMENT BEING ABLE TO RESTRICT COLLAPSING OF THE DOOR AROUND ANY LOCKING DEVICE.
 - (2) ANY GLAZING UTILIZED WITHIN 40 INCHES OF ANY DOOR LOCKING MECHANISM SHALL BE CONSTRUCTED OR PROTECTED AS FOLLOWS:
 - (A) FULLY TEMPERED GLASS OR RATED BURGULAR RESISTANT GLAZING. OR IF SPECIALTY GRILLS REQUIRED.
 - (B) IRON OR STEEL GRILLS OF AT LEAST ONE-EGHTH (1/8) INCH MATERIAL WITH A MINIMUM TWO (2) INCH MESH SECURED ON THE INSIDE OF THE GLAZING MAY BE UTILIZED, OR
 - (C) THE GLAZING SHALL BE COVERED WITH IRON BARS OF AT LEAST ONE-HALF (2) INCH ROUND OR ONE INCH BY ONE-FOURTH (1" X 1/4") FLAT STEEL MATERIAL, SPACED NOT MORE THAN FIVE (5) INCHES APART, SECURED ON THE INSIDE OF THE GLAZING.
 - (D) ITEMS (B) AND (C) ABOVE SHALL NOT INTERFERE WITH THE OPERATION OF OPENING WINDOWS IF SUCH WINDOWS ARE REQUIRED TO BE OPERABLE BY THE CALIFORNIA BUILDING CODE.
- ALL SWINGING EXTERIOR WOOD AND STEEL DOORS SHALL BE EQUIPPED AS FOLLO

STAIRWAYS

- 70. A STAIR IS DEFINED AS A CHANGE IN ELEVATION, CONSISTING OF ONE OR MORE RISERS. §118-202
- 71. ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES HIGH MINIMUM AND 7 INCHES HIGH MAXIMUM. TREADS SHALL BE 11 INCHES DEEP MINIMUM. §118-204.2
- 72. OPEN RISERS ARE NOT PERMITTED. §118-204.3 (SEE EXCEPTIONS)
- 73. INTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND LOWER TREAD MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST. EXTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND ALL TREADS MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST.
- 74. THE STRIPE SHALL BE A MINIMUM OF 2 INCHES WIDE TO A MAXIMUM OF 4 INCHES WIDE PLACED PARALLEL TO, AND NOT MORE THAN 1 INCH FROM THE NOSE OF THE STEP OR UPPER APPROACH. THE STRIPE SHALL EXTEND THE FULL WIDTH OF THE STEP OR UPPER APPROACH AND SHALL BE OF MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIPE SHALL BE ACCEPTABLE. GROOVES SHALL NOT BE USED TO SATISFY THIS REQUIREMENT. §118-204.4
- 75. STAIRS SHALL HAVE HANDRAILS COMPLYING WITH SECTION 118-505 HANDRAILS. §118-504.6
- 76. STAIR TREADS AND LANDINGS SUBJECT TO WET CONDITIONS SHALL BE DESIGNED TO PREVENT THE ACCUMULATION OF WATER. §118-504.7
- 77. FLOOR IDENTIFICATION SIGNS REQUIRED BY CHAPTER 10, SECTION 1022.2 COMPLYING WITH SECTIONS 118-703.1 SIGNS GENERAL, 118-703.2 RAISED CHARACTERS, 118-703.3 BRAILLE AND 118-703.5 VISUAL CHARACTERS SHALL BE LOCATED AT THE LANDINGS OF EACH FLOOR LEVEL, PLACED ADJACENT TO THE DOOR ON THE LATCH SIDE, IN ALL ENCLOSED STAIRWAYS IN BUILDINGS TWO OR MORE STORIES IN HEIGHT TO IDENTIFY THE FLOOR LEVEL. AT THE EXIT DISCHARGE LEVEL, THE SIGN SHALL INCLUDE A RAISED FIVE POINTED STAR LOCATED TO THE LEFT OF THE IDENTIFYING FLOOR LEVEL. THE OUTSIDE DIAMETER OF THE STAR SHALL BE THE SAME AS THE HEIGHT OF THE RAISED CHARACTERS. §118-504.8

CURB RAMPS, BLENDED TRANSITIONS AND ISLANDS

- 78. PERPENDICULAR RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%) §118-406.2.1
- 79. FOR PERPENDICULAR RAMPS, WHERE PROVIDED, CURB RAMP FLARES SHALL NOT BE STEEPER THAN 1:10. §118-406.2. FIGURE 118-406.2.2
- 80. THE RUNNING SLOPE OF THE CURB RAMP SEGMENTS SHALL BE IN LINE WITH THE DIRECTION OF SIDEWALK TRAVEL. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8.33%) §118-406.3.1. FIGURE 118-406.3.2
- 81. A TURNING SPACE 48 INCHES MINIMUM BY 48 INCHES MINIMUM SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP. THE SLOPE OF THE TURNING SPACE IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM (2.083%) §118-406.3.2
- 82. BLENDED TRANSITION RAMPS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:20 (5%) §118-406.4.1
- 83. CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY WILL NOT PROJECT INTO VEHICULAR TRAFFIC LANE. PARKING SPACES, OR PARKING ACCESS AISLES, CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES. §118-406.5.1
- 84. THE CLEAR WIDTH OF CURB RAMP RUNS (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITIONS, AND TURNING SPACES SHALL BE 48 INCHES MINIMUM. § 118-406.5.2
- 85. LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS AND BLENDED TRANSITIONS (PARALLEL CURB RAMPS SHALL NOT BE REQUIRED TO COMPLY). THE LANDING CLEAR LENGTH SHALL BE 48 INCHES MINIMUM. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE CURB RAMP. EXCLUDING ANY FLARED SIDES, OR THE BLENDED TRANSITION LEADING TO THE LANDING, THE SLOPE OF THE LANDING IN ALL DIRECTIONS SHALL BE 1:48 (2.083%) MAXIMUM. § 118-406.5.3
- 86. GRADE BREAKS AT THE TOP AND BOTTOM OF CURB RAMP RUNS SHALL BE PERPENDICULAR TO THE DIRECTION OF THE RAMP RUN. GRADE BREAKS SHALL NOT BE PERMITTED ON THE SURFACE OF RAMP RUNS AND TURNING SPACES. SURFACE SLOPES THAT MEET AT GRADE BREAKS SHALL BE FLUSH. §118-406.5.6
- 87. THE CROSS SLOPE OF CURB RAMPS AND BLENDED TRANSITIONS SHALL BE 1:48 (2.083%) MAXIMUM. §118-406.5.7
- 88. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 24 INCHES OF THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20 (5%). THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS, AND STREETS SHALL BE AT THE SAME LEVEL. § 118-406.5.8
- 89. THE BOTTOM OF DIAGONAL CURB RAMPS SHALL HAVE A CLEAR SPACE 48 INCHES MINIMUM OUTSIDE ACTIVE TRAFFIC LANE OF THE ROADWAY. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48 INCHES MINIMUM CLEAR SPACE WITHIN THE MARKINGS. §118-406.5.9
- 90. CURB RAMPS SHALL HAVE A GROOVED BORDER 12 INCHES WIDE ALONG THE TOP OF THE CURB RAMP AT THE LEVEL SURFACE OF THE TOP LANDING AND AT THE OUTSIDE EDGES OF THE FLARED SIDES. THE GROOVED BORDER SHALL CONSIST OF A SERIES OF GROOVES ¼ INCH WIDE BY ¼ INCH DEEP. AT ¼ INCH ON CENTER. (SEE EXCEPTIONS) §118-406.5.11
- 91. CURB RAMPS AND BLENDED TRANSITIONS SHALL HAVE DETECTABLE WARNINGS COMPLYING WITH 118-705 DETECTABLE WARNINGS. §118-406.5.12

- 92. RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES. THE CLEAR WIDTH OF THE ACCESSIBLE ROUTE AT ISLANDS SHALL BE 40 INCHES WIDE MINIMUM. WHERE CURB RAMPS ARE PROVIDED, THEY SHALL COMPLY WITH 118-406.5 CURB RAMPS, BLENDED TRANSITIONS AND ISLANDS. LANDINGS COMPLYING WITH 118-406.5.3 LANDINGS AND THE ACCESSIBLE ROUTE SHALL BE PERMITTED TO OVERLAP ISLANDS SHALL HAVE DETECTABLE WARNINGS COMPLYING WITH 118-705 DETECTABLE WARNINGS AND DETECTABLE DIRECTIONAL TEXTURE. §118-406.6, FIGURE 118-406.6

D. GENERAL SITE AND BUILDING ELEMENTS

- PARKING SPACES**
- 1. WHERE PARKING SPACES ARE PROVIDED, ACCESSIBLE PARKING SPACES SHALL BE PROVIDED IN NUMBER AND KIND REQUIRED PER SECTION 118-208 PARKING SPACES §118-208.1
- 2. PROVIDE ACCESSIBLE PARKING SPACES AS REQUIRED BY TABLE 118-208.2 §118-208.2 (SEE EXCEPTIONS)
- 3. PROVIDE ACCESSIBLE SPACES FOR EACH PARKING FACILITY (PARKING LOTS AND PARKING STRUCTURES). THE NUMBER OF PARKING SPACES REQUIRED TO BE ACCESSIBLE IS TO BE CALCULATED SEPARATELY FOR EACH PARKING FACILITY. THE REQUIRED NUMBER IS NOT BASED ON THE TOTAL NUMBER OF PARKING SPACES PROVIDED IN ALL OF THE PARKING FACILITIES PROVIDED ON SITE. §118-208
- 4. TEN PERCENT OF PATIENT AND VISITOR PARKING SPACES PROVIDED TO SERVE OUTPATIENT FACILITIES, AND FREE-STANDING BUILDINGS PROVIDING OUTPATIENT CLINICAL SERVICES OF A HOSPITAL, SHALL COMPLY WITH SECTION 118-502 PARKING SPACES. §118-208.1
- 5. TWENTY PERCENT OF PATIENT AND VISITOR PARKING SPACES PROVIDED TO SERVE REHABILITATION FACILITIES SPECIALIZING IN TREATING CONDITIONS THAT AFFECT MOBILITY AND OUTPATIENT PHYSICAL THERAPY FACILITIES SHALL COMPLY WITH SECTION 118-502 PARKING SPACES. §118-208.2.2
- 6. ONE IN EVERY SIX OR FRACTION OF SIX PARKING SPACES REQUIRED BY SECTION 118-208.2 MINIMUM NUMBER, BUT NOT LESS THAN ONE, SHALL BE SERVED BY AN ACCESS AISLE 96 INCHES WIDE MINIMUM PLACED ON THE SIDE OPPOSITE THE DRIVERS SIDE WHEN THE VEHICLE IS GOING FORWARD INTO THE PARKING SPACE AND SHALL BE DESIGNATED "VAN ACCESSIBLE." ALL SUCH SPACES MAY BE GROUDED ON ONE LEVEL OF A PARKING STRUCTURE. §118-208.2.4, 118-502. FIG 118-502.1, 118-502.2, & 118-502.3
- 7. ACCESSIBLE PARKING SPACES COMPLYING WITH SECTION 118-502 PARKING SPACES SERVING A PARTICULAR BUILDING OR FACILITY SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE (AS NEAR AS PRACTICAL TO AN ACCESSIBLE ENTRANCE). §118-208.3.1
- 8. IN BUILDINGS WITH MULTIPLE ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES COMPLYING WITH SECTION 118-502 PARKING SPACES SHALL BE DISPERSED AND LOCATED CLOSEST TO THE ACCESSIBLE ENTRANCES. §118-208.3.1
- 9. IN PARKING FACILITIES THAT DO NOT SERVE A PARTICULAR BUILDING OR FACILITY, ACCESSIBLE PARKING SPACES COMPLYING WITH SECTION 118-502 PARKING SPACES SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY. § 118-208.3.1
- 10. DIMENSION MINIMUM 18 FOOT LONG CAR AND VAN ACCESSIBLE PARKING SPACE(S) AND ACCESS AISLE(S). §118-502.2, FIGURES 118-502.2 AND 118-502.3
- 11. DIMENSION MINIMUM 9 FOOT WIDTH AT ACCESSIBLE CAR PARKING SPACE. §118-502.2, FIG. 118-502.2 & FIG. 118-502.3
- 12. DIMENSION MINIMUM 12 FOOT WIDE ACCESSIBLE VAN PARKING SPACE WITH MINIMUM FOOT WIDE ACCESS AISLE. VAN PARKING SPACES SHALL BE PERMITTED TO BE MINIMUM 9 FEET WIDE WHERE ACCESS AISLE IS 6 FOOT WIDE MINIMUM. §118-502.2, FIGURES 118-502.2 AND 118-502.3
- 13. CAR AND VAN STALL ACCESS AISLE SHALL BE 5 FOOT WIDE MINIMUM AND SHALL ADJOIN AN ACCESSIBLE ROUTE. TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE. §118-502.3, FIGURES 118-502.2 AND 118-502.3
- 14. ACCESS AISLES SHALL BE MARKED WITH A BLUE PAINTED BORDERLINE AROUND THEIR PERIMETER. THE AREA WITHIN THE BLUE BORDERLINES SHALL BE MARKED WITH HATCHED LINES A MAXIMUM OF 36 INCHES ON CENTER IN A COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE, PREFERABLY BLUE OR WHITE. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE SURFACE WITHIN EACH ACCESS AISLE. MINIMUM OF 12 INCHES IN HEIGHT AND LOCATED TO BE VISIBLE FROM THE ADJACENT VEHICULAR WAY. ACCESS AISLE MARKINGS MAY EXTEND BEYOND THE MINIMUM REQUIRED LENGTH. § 118-502.3.3, FIGURE 118-502.3.3
- 15. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACE. §118-502.3.4
- 16. CLEARLY SHOW MINIMUM VERTICAL CLEARANCE OF 8 FEET 2 INCHES AT ACCESSIBLE PARKING SPACES AND ALONG AT LEAST ONE VEHICLE ACCESS ROUTE TO SUCH SPACES FROM SITE ENTRANCES AND EXITS. §118-502.5
- 17. PARKING SPACE IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 118-703.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY. §118-502.6, FIGURE 118-703.2.1
- 18. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN WITH THE DESIGNATION "VAN ACCESSIBLE" SIGNS SHALL BE 60 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN. §118-502.6
- 19. PARKING IDENTIFICATION SIGNS SHALL BE REFLECTORIZED WITH A MINIMUM AREA OF 30 SQUARE INCHES. §118-502.6.1
- 20. ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN BELOW THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL STATE "MINIMUM FINE \$250." §118-502.6.2
- 21. A PARKING SPACE IDENTIFICATION SIGN SHALL BE VISIBLE FROM EACH PARKING SPACE. SIGNS SHALL BE PERMANENTLY POSTED EITHER IMMEDIATELY ADJACENT TO THE PARKING SPACE OR WITHIN THE PROJECTED PARKING SPACE WIDTH AT THE HEAD END OF THE PARKING SPACE. SIGNS MAY ALSO BE PERMANENTLY POSTED ON A WALL AT THE INTERIOR END OF THE PARKING SPACE. §118-502.6.3
- 22. EACH ACCESSIBLE CAR AND VAN SPACE SHALL HAVE SURFACE IDENTIFICATION COMPLYING WITH EITHER OF THE FOLLOWING SCHEMES: §118-502.6.4
A) THE PARKING SPACE SHALL BE MARKED WITH AN INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 118-703.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY IN WHITE ON A BLUE BACKGROUND A MINIMUM 36 INCHES WIDE BY 36 INCHES HIGH. THE CENTERLINE OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE A MAXIMUM OF 6 INCHES FROM THE CENTERLINE OF THE PARKING SPACE. ITS SIDES PARALLEL TO THE LENGTH OF THE PARKING SPACE AND ITS LOWER CORNER AT, OR LOWER SIDE ALIGNED WITH, THE END OF THE PARKING SPACE. §118-502.6.4.1
B) THE PARKING SPACE SHALL BE OUTLINED OR PAINTED BLUE AND SHALL BE MARKED WITH AN INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 118-703.2.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY A MINIMUM 36 INCHES WIDE BY 36 INCHES HIGH IN WHITE OR A SUITABLE CONTRASTING COLOR. THE CENTERLINE OF THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE A MAXIMUM OF 6 INCHES FROM THE CENTERLINE OF THE PARKING SPACE. ITS SIDES PARALLEL TO THE LENGTH OF THE PARKING SPACE AND ITS LOWER CORNER AT, OR LOWER SIDE ALIGNED WITH, THE END OF THE PARKING SPACE. §118-502.6.4.2
- 23. AN ADDITIONAL SIGN SHALL BE POSTED EITHER: 1) IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO AN OFF-STREET PARKING FACILITY OR 2) IMMEDIATELY ADJACENT TO ON-SITE ACCESSIBLE PARKING AND VISIBLE FROM EACH PARKING SPACE. §118-502.8
A) THE ADDITIONAL SIGN SHALL NOT BE LESS THAN 22 INCHES WIDE BY 22 INCHES HIGH. §118-502.8.1
B) THE ADDITIONAL SIGN SHALL CLEARLY STATE IN LETTERS WITH A MINIMUM HEIGHT OF 1 INCH THE FOLLOWING: §118-502.8.2
"UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNERS EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT _____ OR BY TELEPHONING _____."
- 24. BLANK SPACES SHALL BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN. (TOWING COMPANY'S NAME AND TELEPHONE NOS. MUST BE PROVIDED ON SIGN)

RELATIONSHIP TO ACCESSIBLE ROUTES

- 24. PARKING SPACES AND ACCESSIBLE ROUTES SHALL BE DESIGNED SO THAT PERSONS USING THEM ARE NOT REQUIRED TO TRAVEL BEHIND PARKING SPACES OTHER THAN TO PASS BEHIND THE PARKING SPACE IN WHICH THEY PARKED. §118-502.7.1
- 25. A CURB OR WHEEL STOP SHALL BE PROVIDED IF REQUIRED TO PREVENT ENCRoACHMENT OF VEHICLES OVER THE REQUIRED CLEAR WIDTH OF ADJACENT ACCESSIBLE ROUTES. §118-502.7.2
- PASSENGER LOADING ZONES, DROP-OFF ZONES, AND BUS STOPS**
- 26. PARKING FACILITIES PROVIDE VALET PARKING SERVICES SHALL PROVIDE AT LEAST ONE PASSENGER LOADING ZONE COMPLYING WITH SECTION 118-503 PASSENGER DROP-OFF AND LOADING ZONES. THE PARKING REQUIREMENTS OF SECTION 118-208.1 PARKING SPACES GENERAL APPLY TO FACILITIES WITH VALET PARKING. §118-209.4
- 27. MECHANICAL ACCESS PARKING GARAGES SHALL PROVIDE AT LEAST ONE PASSENGER LOADING ZONE COMPLYING WITH SECTION 118-503 PASSENGER DROP-OFF AND LOADING ZONES AT VEHICLE DROP-OFF AND VEHICLE PICK-UP AREAS. §118-209.5
- 28. PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 96 INCHES WIDE MINIMUM AND 20 FEET LONG MINIMUM. §118-503.2
- 29. PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE ACCESS AISLES COMPLYING WITH THE FOLLOWING ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICLE PULL-UP SPACE. §118-503.3
A) ACCESS AISLES SERVING VEHICLE PULL-UP SPACES SHALL BE 60 INCHES WIDE MINIMUM. §118-503.3.1
B) ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE VEHICLE PULL-UP SPACES THEY SERVE. §118-503.3.2
C) ACCESS AISLES SHALL BE MARKED WITH A PAINTED BORDERLINE AROUND THEIR PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH HATCHED LINES A MAXIMUM OF 36 INCHES ON CENTER IN A COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. §118-503.3.3
- 30. VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL COMPLY WITH SECTION 118-302 FLOOR OR GROUND SURFACES. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED. §118-503.4
- 31. VEHICLE PULL-UP SPACES, ACCESS AISLES SERVING THEM, AND A VEHICULAR ROUTE FROM AN ENTRANCE TO THE PASSENGER LOADING ZONE AND FROM THE PASSENGER LOADING ZONE TO A VEHICULAR EXIT SHALL PROVIDE A VERTICAL CLEARANCE OF 114 INCHES MINIMUM. §118-503.5
- 32. EACH PASSENGER LOADING ZONE DESIGNATED FOR PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH A REFLECTORIZED SIGN COMPLYING WITH SECTION 118-703.5 VISUAL CHARACTERS. IT SHALL BE PERMANENTLY POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM THE PASSENGER LOADING ZONE STATING "PASSENGER LOADING ZONE ONLY" AND INCLUDING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) COMPLYING WITH SECTION 118-703.2.1 ISA. §118-503.6

E. PLUMBING FIXTURES AND FACILITIES

- DRINKING FOUNTAINS**
- 1. WHERE THERE ARE TWO DRINKING FOUNTAINS SHALL BE PROVIDED: ONE DRINKING FOUNTAIN SHALL COMPLY WITH 118-602.1 THROUGH 118-602.6 AND ONE DRINKING FOUNTAIN SHALL COMPLY WITH 118-602.7 DRINKING FOUNTAINS FOR STANDING PERSONS. §118-211.3 (SEE EXCEPTION)
- 2. WHERE MORE THAN THE MINIMUM NUMBER OF DRINKING FOUNTAINS SPECIFIED IN 118-211.3 ARE PROVIDED, 50 PERCENT OF THE TOTAL NUMBER OF DRINKING FOUNTAINS PROVIDED SHALL COMPLY WITH 118-602.1 THROUGH 118-602.6 AND 50 PERCENT OF THE TOTAL NUMBER OF DRINKING FOUNTAINS PROVIDED SHALL COMPLY WITH 118-602.7 DRINKING FOUNTAINS FOR STANDING PERSONS. §118-211.3 (SEE EXCEPTION)
- 3. DRINKING FOUNTAINS SHALL COMPLY WITH SECTIONS 118-307 PROTRUDING OBJECTS AND 118-602 GENERAL REQUIREMENTS. §118-602.1
- 4. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH SECTION 118-305 CLEAR FLOOR OR GROUND SPACE POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 118-306 KNEE AND TOE CLEARANCE SHALL BE PROVIDED. § 118-602.2
- 5. WHERE DRINKING FOUNTAINS ARE USED BY CHILDREN, A PARALLEL APPROACH COMPLYING WITH SECTION 118-305 CLEAR FLOOR OR GROUND SURFACES SHALL BE PERMITTED AT UNITS WHERE THE SPOUT IS 30 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND AND IS 3/32" MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. §118-602.2 EXCEPTION
- 6. SPOUT OUTLETS SHALL BE 36 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND. §118-602.4
- 7. THE SPOUT SHALL BE LOCATED 15 INCHES MINIMUM FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. §118-602.5
- 8. THE SPOUT SHALL PROVIDE A FLOW OF WATER ANCHES HIGH MINIMUM AND SHALL BE LOCATED 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT, WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM, WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM. §118-602.6
- 9. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. §118-602.7
- 10. WALL- AND POST-MOUNTED CANTILEVERED DRINKING FOUNTAINS SHALL BE 18 INCHES MAXIMUM AND 30 INCHES MAXIMUM IN DEPTH. §118-602.8
- 11. ALL DRINKING FOUNTAINS SHALL EITHER BE LOCATED COMPLETELY WITHIN ALCOVES, POSITIONED COMPLETELY BETWEEN WING WALLS, OR OTHERWISE POSITIONED SO AS NOT TO ENCRoACH INTO PEDESTRIAN WAYS. THE PROTECTED AREA WITHIN SUCH A DRINKING FOUNTAIN IS LOCATED SHALL BE 32 INCHES WIDE MINIMUM AND 18 INCHES DEEP MINIMUM AND SHALL COMPLY WITH SECTION 118-305.7 MANUEVERING CLEARANCE. WHEN USED, WING WALLS OR BARRIERS SHALL PROTECT FROM ENCRoACHMENT AT LEAST AS FAR AS THE DRINKING FOUNTAIN AND TO WITHIN 6 INCHES VERTICALLY FROM THE FLOOR OR GROUND SURFACE. §118-602.9
- TOILET AND BATHING ROOM CLEARANCES**
- 12. WHERE TOILET FACILITIES AND BATHING FACILITIES ARE PROVIDED, THEY SHALL COMPLY WITH 118-213 TOILET FACILITIES AND BATHING FACILITIES, WHERE TOILET FACILITIES AND BATHING FACILITIES ARE PROVIDED IN FACILITIES PERMITTED BY 118-206.2.3 MULTI-STORY BUILDINGS AND FACILITIES EXCEPTIONS 1 AND 2 NOT TO CONNECT STORES BY AN ACCESSIBLE ROUTE, TOILET FACILITIES AND BATHING FACILITIES SHALL BE PROVIDED ON A STORY CONNECTED AN ACCESSIBLE ROUTE TO AN ACCESSIBLE ENTRANCE. §118-213.1
- 13. WHERE SEPARATE TOILET FACILITIES ARE PROVIDED FOR THE EXCLUSIVE USE OF SEPARATE USER GROUPS, THE TOILET FACILITIES SERVING EACH USER GROUP SHALL COMPLY WITH 118-213 TOILET FACILITIES AND BATHING FACILITIES. §118-213.1.1
- 14. WHERE TOILET ROOMS ARE PROVIDED, EACH TOILET ROOM SHALL COMPLY WITH 118-603 TOILET AND BATHING ROOMS. WHERE BATHING ROOMS ARE PROVIDED, EACH BATHING ROOM SHALL COMPLY WITH 118-603 TOILET AND BATHING ROOMS. §118-213.2 (SEE EXCEPTIONS)
- 15. UNSEX TOILET ROOMS SHALL CONTAIN NOT MORE THAN ONE LAVATORY, AND NOT MORE THAN TWO WATER CLOSETS WITHOUT URINALS OR ONE WATER CLOSET AND ONE URINAL. UNSEX BATHING ROOMS SHALL CONTAIN ONE SHOWER OR ONE SHOWER AND ONE BATHUB, ONE LAVATORY, AND ONE WATER CLOSET. DOORS TO UNSEX TOILET ROOMS AND UNSEX BATHING ROOMS SHALL HAVE PRIVACY LATCHES. §118-213.2.1
- 16. DOOR SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE, OTHER THAN THE DOOR TO THE ACCESSIBLE WATER CLOSET COMPARTMENT, A DOOR IN ANY POSITION, MAY ENCRoACH INTO THE TURNING SPACE BY 12 INCHES MAXIMUM. §118-603.2.3
- 17. AT SINGLE USER TOILET OR BATHING ROOMS, DOORS SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE ONLY IF A 30 INCH BY 48 INCH MINIMUM CLEAR FLOOR SPACE IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING. §118-603.2.3 EXCEPTION
- 18. MIRRORS LOCATED ABOVE THE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITHIN THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. MIRRORS NOT LOCATED ABOVE THE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITHIN THE BOTTOM EDGE OF THE REFLECTING SURFACE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. §118-603.3
- 19. COAT HOOKS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION 118-308. SHELVES SHALL BE LOCATED 40 INCHES MINIMUM AND 46 INCHES MAXIMUM ABOVE THE FINISH FLOOR. MEDICINE CABINETS SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44 INCHES MAXIMUM ABOVE THE FINISH FLOOR. §118-603.4
- 20. WHERE TOWEL OR SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, OR OTHER ACCESSORIES ARE PROVIDED IN TOILET FACILITIES, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED ON AN ACCESSIBLE ROUTE. ALL OPERABLE PARTS, INCLUDING COIN SLOTS, SHALL BE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR. §118-603.5
- WATER CLOSETS AND TOILET COMPARTMENTS**
- 21. THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 17 INCHES MINIMUM TO 19 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT SPECIFIED IN SECTION 118-604.2 AMBULATORY ACCESSIBLE COMPARTMENTS. WATER CLOSETS SHALL BE ARRANGED FOR A LEFT-HAND OR RIGHT-HAND APPROACH. §118-604.2
- 22. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL A MINIMUM 60 INCHES WIDE AND 48 INCHES DEEP MANUEVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. §118-604.3.1
- 23. THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG THE RETURN TO A LIFTED POSITION. SEATS SHALL BE 2 INCHES HIGH MAXIMUM AND A 3 INCH HIGH SEAT SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15 INCHES HIGH. §118-604.4 (SEE EXCEPTION FOR RESIDENTIAL UNITS)
- 24. THE SIDE WALL GRAB BARS SHALL BE 82 INCHES LONG MINIMUM, LOCATED 12 INCHES MAXIMUM FROM THE REAR WALL, AND EXTENDING 64 INCHES MINIMUM FROM THE REAR WALL WITH THE FRONT END POSITIONED 24 INCHES MINIMUM IN FRONT OF THE WATER CLOSET. §118-604.5.1
- 25. THE REAR GRAB BAR SHALL BE 36 INCHES LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES MINIMUM ON ONE SIDE AND 24 INCHES MINIMUM ON THE OTHER SIDE. §118-604.5.2 (SEE EXCEPTIONS)
- 26. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 118-309.4 OPERATION EXCEPT THEY SHALL BE LOCATED 44 INCHES MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET EXCEPT IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 118-604.8.2 AMBULATORY ACCESSIBLE COMPARTMENTS. §118-604.6
- 27. TOILET PAPER DISPENSERS SHALL COMPLY WITH SECTION 118-309.4 OPERATION AND SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE BELOW THE GRAB BAR. 18 INCHES MINIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND THE GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW. §118-604.7
- 28. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60 INCHES WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56 INCHES DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59 INCHES DEEP MINIMUM FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. WHEELCHAIR ACCESSIBLE COMPARTMENTS FOR CHILDRENS USE SHALL BE 60 INCHES WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 59 INCHES DEEP MINIMUM FOR WALL HUNG AND FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL. §118-604.8.1.1
- 29. IN A WHEELCHAIR ACCESSIBLE COMPARTMENT WITH AN IN-SWINGING DOOR, A MINIMUM 60 INCHES WIDE BY 38 INCHES DEEP MANUEVERING SPACE SHALL BE PROVIDED IN FRONT OF THE CLEARANCE REQUIRED IN SECTION 118-604.8.1.1. WHEELCHAIR ACCESSIBLE COMPARTMENT SIZE. §118-604.8.1.1.1, FIGURES 118-604.8.1.1.2(a) AND 118-604.8.1.1.3(b)
- 30. IN A WHEELCHAIR ACCESSIBLE COMPARTMENT WITH A SIDE-OPENING DOOR, EITHER IN-SWINGING OR OUT-SWINGING, A MINIMUM 60 INCHES WIDE AND 60 INCHES DEEP MANUEVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. §118-604.8.1.1.2, FIGURE 118-604.8.1.1.2
- 31. IN A WHEEL CHAIR ACCESSIBLE COMPARTMENT WITH SIDE-OPENING DOOR (FACING WATER CLOSET), EITHER IN-SWINGING OR OUT-SWINGING, A MINIMUM 60 INCHES WIDE AND 48 INCHES DEEP MANUEVERING SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET. §118-604.8.1.1.3, FIGURE 118-604.8.1.1.3
- 32. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH SECTION 118-404 DOORS, DOORWAYS, AND GATES EXCEPT THAT IF THE APPROACH IS FROM THE PUSH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 48 INCHES MINIMUM ABOVE THE FINISH FLOOR. THE COMPARTMENT DOOR SHALL BE LOCATED IN FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. §118-604.8.1.2
- 33. WHERE TOILET COMPARTMENTS ARE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET, WHERE LOCATED IN THE SIDE WALL OR PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE FRONT PARTITION AND THE DOOR SHALL BE SELF-CLOSING. §118-604.8.1.2
- 34. A DOOR PULL SWINGING WITH SECTION 118-404.2.7 DOOR AND GATE HARDWARE SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH DOOR SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS MAY SWING INTO THAT PORTION OF THE MANUEVERING SPACE WHICH DOES NOT OVERLAP THE CLEARANCE REQUIRED AT A WATER CLOSET. §118-604.8.1.2 (SEE EXCEPTION)
- 35. AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES DEEP MINIMUM ABOVE THE FINISH FLOOR AND 6 INCHES DEEP MINIMUM BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION. EXCLUSIVE OF PARTITION SUPPORT MEMBERS, PARTITION COMPONENTS AT TOE CLEARANCES SHALL BE SMOOTH WITHOUT SHARP EDGES OR ABRASIVE SURFACES. COMPARTMENTS FOR CHILDRENS USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES MINIMUM ABOVE THE FINISH FLOOR. §118-604.8.1.4
- 36. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 35 INCHES MINIMUM AND 37 INCHES MAXIMUM. §118-604.8.2.1

- 37. WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDRENS USE SHALL COMPLY WITH SECTION 118-604.9 WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDRENS USE AND FOLLOW SUGGESTED DIMENSIONS ON TABLE 118-604.9. §118-604.9
- 38. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. URINALS SHALL BE 13 1/2 INCHES DEEP MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE. §118-605.2
- 39. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTION 118-309 OPERABLE PARTS EXCEPT THAT THE FLUSH CONTROL SHALL BE MOUNTED AT A MAXIMUM HEIGHT OF 44 INCHES ABOVE THE FINISH FLOOR. §118-605.4
- 40. LAVATORIES AND SINKS SHALL COMPLY WITH SECTION 118-606 LAVATORIES AND SINKS. §118-606.1
- 41. FOR LAVATORIES AND SINKS A CLEAR FLOOR SPACE COMPLYING WITH SECTION 118-305 CLEAR FLOOR OR GROUND SURFACES, POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 118-306 KNEE AND TOE CLEARANCE SHALL BE PROVIDED. §118-606.2
- 42. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. §118-606.3
- WASHING MACHINE AND CLOTHES DRYERS**
- 43. WASHING MACHINES AND CLOTHES DRYERS OPERABLE PARTS MUST COMPLY WITH SECTION 118-309 OPERABLE PARTS. §118-611.3
- 44. TOP LOADING MACHINES SHALL HAVE THE DOOR TO THE LAUNDRY COMPARTMENT LOCATED 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. FRONT LOADING MACHINES SHALL HAVE THE BOTTOM OF THE OPENING TO THE LAUNDRY COMPARTMENT LOCATED 15 INCHES MINM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR. §118-611.4

F. COMMUNICATION ELEMENTS AND FEATURES

- FIRE ALARM SYSTEMS**
- 1. WHERE FIRE ALARM SYSTEMS PROVIDE AUDIBLE ALARM COVERAGE, ALARMS SHALL COMPLY WITH 118-215 FIRE ALARM SYSTEMS. §118-215.1 (SEE EXCEPTION)
- 2. ALARMS IN PUBLIC USE AREAS AND COMMON USE SHALL COMPLY WITH 702 CHAPTER 9, SECTION 907.5.2.3.1. §118-215.2
- 3. WHERE EMPLOYEE WORK AREAS HAVE AUDIBLE ALARM COVERAGE, THE WIRING SYSTEM SHALL BE DESIGNED SO THAT VISIBLE ALARMS COMPLYING WITH 702 CHAPTER 9, SECTION 907.5.2.3.2 CAN BE INTEGRATED INTO THE ALARM SYSTEM. §118-215.3
- 4. FIRE ALARM SYSTEMS SHALL HAVE PERMANENTLY INSTALLED AUDIBLE AND VISIBLE ALARMS COMPLYING WITH NFPA 72 (1999 OR 2002 EDITION) (INCORPORATED BY REFERENCE. SEE "REFERENCED STANDARDS IN CHAPTER 1), EXCEPT THAT THE MAXIMUM ALLOWABLE SOUND LEVEL, OF AUDIBLE NOTIFICATION APPLICATIONS SHALL BE 151.0 DB (A) OF NFPA 72 (1999 EDITION) SHALL HAVE A SOUND LEVEL, NO MORE THAN 110 DB AT THE MINIMUM HEARING DISTANCE FROM THE AUDIBLE APPLIANCE. IN ADDITION, ALARMS IN GUEST ROOMS REQUIRED TO PROVIDE COMMUNICATION FEATURES SHALL COMPLY WITH SECTIONS 4-3 AND 4-4 OF NFPA 72 (1999 EDITION) OR SECTIONS 7.4 AND 7.5 OF NFPA 72 (2002 EDITION), AND CHAPTER 8, SECTIONS 807.5.2.1 AND 807.5.2.3. §118-702.1
- ASSISTIVE LISTENING SYSTEMS**
- 5. ASSISTIVE LISTENING SYSTEMS SHALL BE PROVIDED IN ASSEMBLY AREAS, INCLUDING CONFERENCE AND MEETING ROOMS, USED FOR THE PURPOSE OF ENTERTAINMENT, EDUCATIONAL OR CIVIC GATHERINGS, OR SIMILAR PURPOSES. §020, §118-219.2
- NOTE: ASSEMBLY AREAS INCLUDE, BUT ARE NOT LIMITED TO, CLASSROOMS, LECTURE HALLS, COURTCOURTS, PUBLIC MEETING ROOMS, PUBLIC HEARING ROOMS, LEGISLATIVE CHAMBERS, MOTION PICTURE HOUSES, AUDITORIES, THEATERS, PLAYHOUSES, DINNER THEATERS, CONCERT HALLS, CENTERS FOR THE PERFORMING ARTS, AMPHITHEATERS, ARENAS, STADIUMS, GRANDSTANDS, OR CONVENTION CENTERS. §020, §118-219.2
- 6. ASSISTIVE LISTENING SYSTEM SHALL PROVIDE AN AMPLIFICATION SYSTEM UTILIZING TRANSMITTERS, RECEIVERS, AND COUPLING DEVICES TO BYPASS THE ACoustICAL SPACE BETWEEN A SOUND SOURCE AND A LISTENER BY MEANS OF INDUCTION LOOP, RADIO FREQUENCY, INFRARED, OR DIRECT-WIRED EQUIPMENT. §020
- 7. PROVIDE () ASSISTIVE LISTENING SYSTEMS. A MINIMUM NUMBER OF RECEIVERS EQUAL TO 4 PERCENT OF THE TOTAL NUMBER OF SEATS, BUT NO CASE LESS THAN TWO. §118-219.3
- 8. WHERE A BUILDING CONTAINS MORE THAN ONE ASSEMBLY AREA UNDER ONE MANAGEMENT, THE TOTAL NUMBER OF REQUIRED RECEIVERS MAY BE CALCULATED USING THE TOTAL NUMBER OF SEATS IN THE ASSEMBLY AREAS PROVIDED THAT ALL RECEIVERS ARE USABLE WITH ALL SYSTEMS. §118-219.3 (SEE EXCEPTIONS)
- 9. TWENTY-FIVE PERCENT MINIMUM OF RECEIVERS PROVIDED FOR ASSISTIVE LISTENING SYSTEMS, BUT NO FEWER THAN TWO, SHALL BE HEARING-AID COMPATIBLE WITH EXCEPT WHEN ALL SEATS IN AN ASSEMBLY AREA ARE SERVED BY MEANS OF AN INDUCTION LOOP. §118-219.3
- 10. WHEN ASSISTIVE LISTENING SYSTEMS ARE LIMITED TO SPECIFIC AREAS OR SEATS, SUCH AREAS OR SEATS SHALL BE WITHIN A 50-FOOT VIEWING DISTANCE OF THE STAGE OR PLAYING AREA AND SHALL HAVE A COMPLETE VIEW OF THE STAGE OR PLAYING AREA. §118-219.4
- 11. PERMANENTLY INSTALLED ASSISTIVE LISTENING SYSTEMS ARE REQUIRED IN AREAS IF (1) THEY HAVE FIXED SEATING AND (2) THEY ACCOMMODATE AT LEAST 50 PERSONS OR (2B) THEY HAVE AUDIO-AMPLIFICATION SYSTEMS, EXCEPT THOSE USED EXCLUSIVELY FOR PAGING AND/OR BACKGROUND MUSIC. § 118-219.4.1 AND 118-219.5
- 12. PORTABLE ASSISTIVE LISTENING SYSTEMS MAY SERVE MORE THAN ONE CONFERENCE OR MEETING ROOMS IF AN ADEQUATE NUMBER OF ELECTRICAL OUTLETS OR OTHER SUPPLEMENTARY WIRING IS PROVIDED AND PERMANENTLY INSTALLED SYSTEMS ARE NOT REQUIRED. §118-219.5
- 13. RECEIVERS REQUIRED FOR USE WITH AN ASSISTIVE LISTENING SYSTEM SHALL INCLUDE A 18 INCH STANDARD MONO JACK. §118-706.2
- 14. RECEIVERS REQUIRED TO BE HEARING-AID COMPATIBLE SHALL INTERFACE WITH TELECOILS IN HEARING AIDS THROUGH THE PROVISION OF NECKLOOPS. § 118-706.3
- 15. ASSISTIVE LISTENING SYSTEMS SHALL BE CAPABLE OF PROVIDING A SOUND PRESSURE LEVEL FROM 110 - 118 DB WITH A DYNAMIC RANGE ON THE VOLUME CONTROL OF 50 DB. §118-706.4
- 16. SIGNAL-TO-NOISE RATIO FOR INTERNALLY GENERATED NOISE IN ASSISTIVE LISTENING SYSTEMS SHALL BE 18 DB MINIMUM. §118-706.5
- 17. PEAK CLIPPING SHALL NOT EXCEED 18 DB OF CLIPPING RELATIVE TO THE PEAKS OF SPEECH. §118-706.6
- TWO-WAY COMMUNICATION SYSTEMS**
- 18. TWO-WAY COMMUNICATION SYSTEMS THAT ARE PROVIDED TO GAIN ATTENDANCE TO A BUILDING OR FACILITY OR TO RESTRICTED AREAS WITH A BUILDING OR FACILITY SHALL PROVIDE BOTH AUDIBLE AND VISUAL SIGNALS. HANDSET CORDS, IF PROVIDED, SHALL BE 23 INCHES LONG MINIMUM. §118-230.1, §118-708
-

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OWNER / CLIENT

CITY OF INGLEWOOD

1 W Manchester Blvd
Inglewood, CA 90301
T 213.622.1218

ARCHITECT

hansonla
ARCHITECTURE

724 South Spring Street
10th Floor
Los Angeles, CA 90014
+1 213 880 8515

STRUCTURAL ENGINEER

**NOUS
ENGINEERING**

5350 Eagle Rock Blvd
Los Angeles, CA 90041
T 213.827.6687

MECHANICAL, PLUMBING & ELECTRICAL ENGINEER

**SHAMIM
ENGINEERING**

21700 Onard St.
Suite 870
Woodland Hills, CA 91367
T 818.788.6778

CIVIL ENGINEER

**D&D
ENGINEERING, INC.**

119 W Hyde Park Blvd
Inglewood, CA 90302
T 818.299.1206

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90% PROGRESS DESIGN	11.26.2025
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60% PROGRESS DESIGN	05.16.2025
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ISSUE	DATE

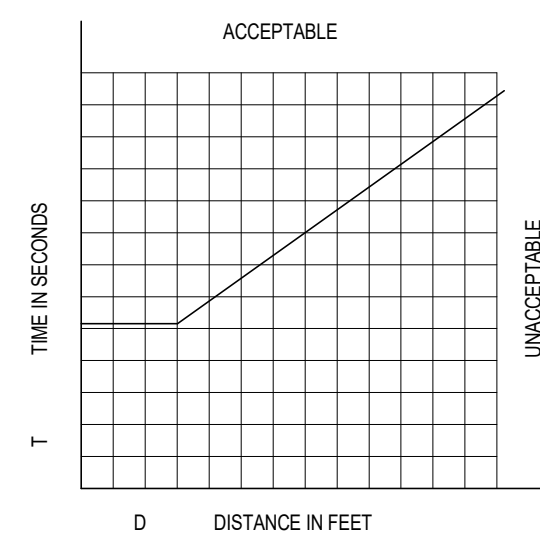
ACCESSIBILITY DIAGRAMS

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

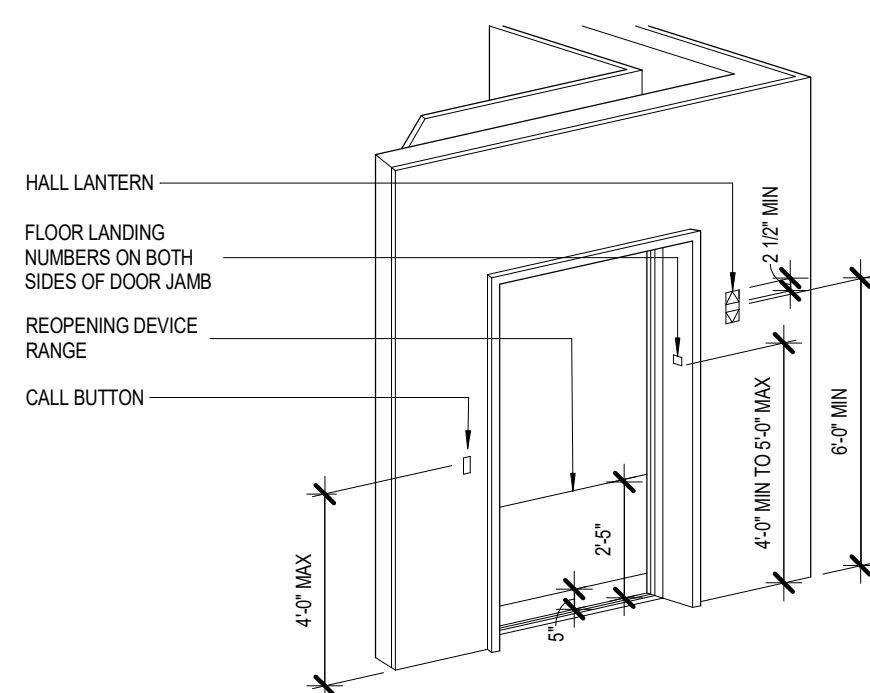
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DATE
02.12.2026

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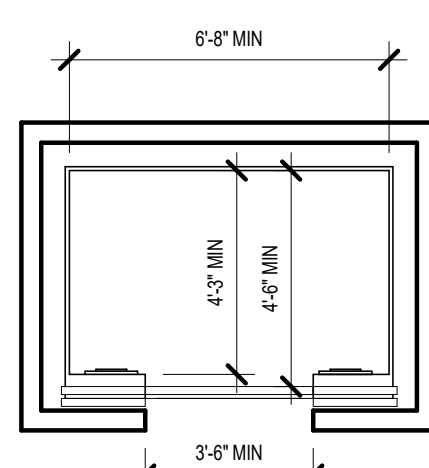


(B) GRAPH OF TIMING EQUATION

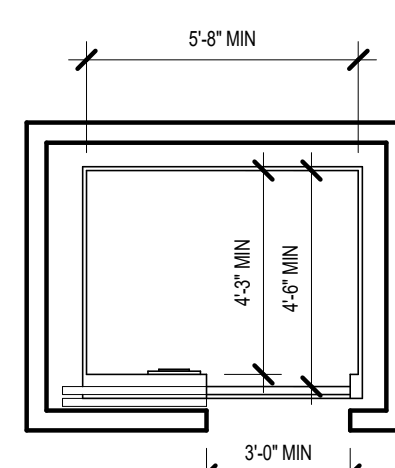


(A) ELEVATOR DOOR REQUIREMENTS AND HOISTWAY SIGNS

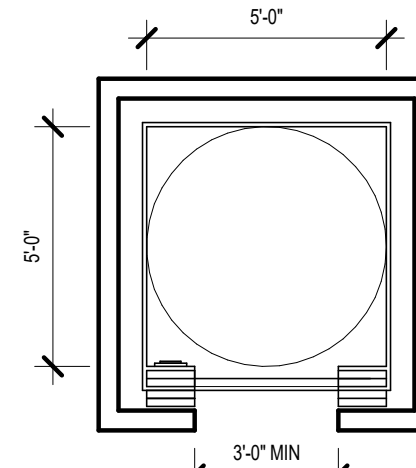
NOTE: THE AUTOMATIC DOOR REOPENING DEVICE IS ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE A OR B. LINE A AND LINE B REPRESENT THE VERTICAL LOCATION OF THE DOOR REOPENING DEVICE NOT REQUIRING CONTACT



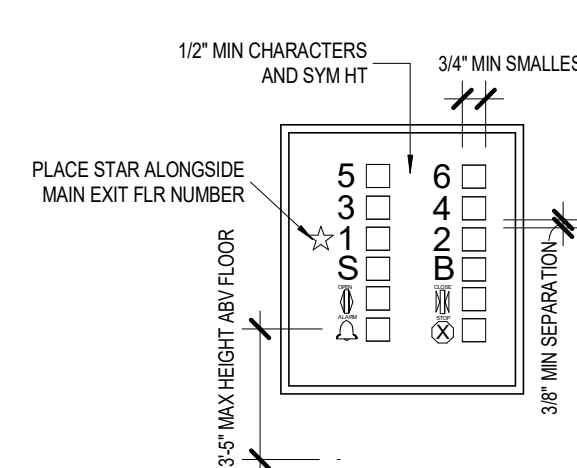
(A) CENTERED DOOR



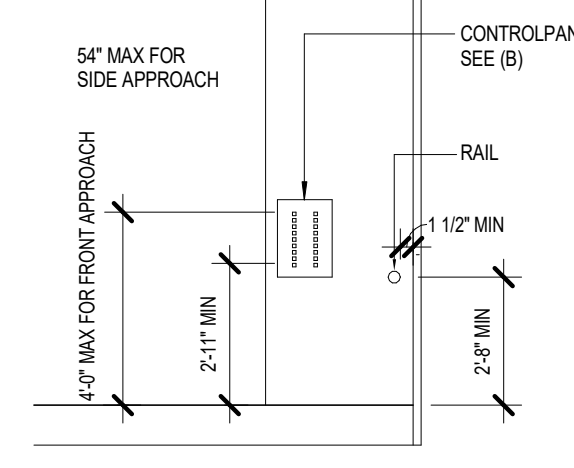
(B) SIDE DOOR



(C) ANY DOOR LOCATION



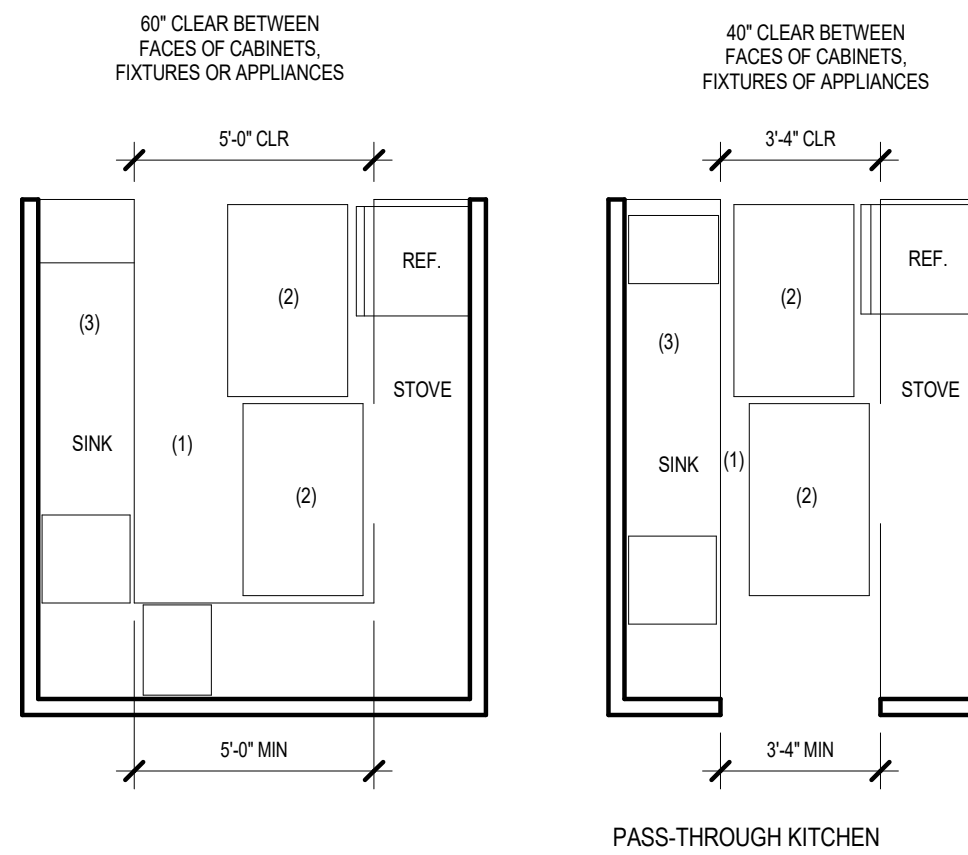
(A) ELEVATOR CONTROL PANEL DETAIL



(B) MAX INSTALL HT ABV CAB FLR

3 ADA COMPLIANCE DIAGRAMS - ELEVATORS

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

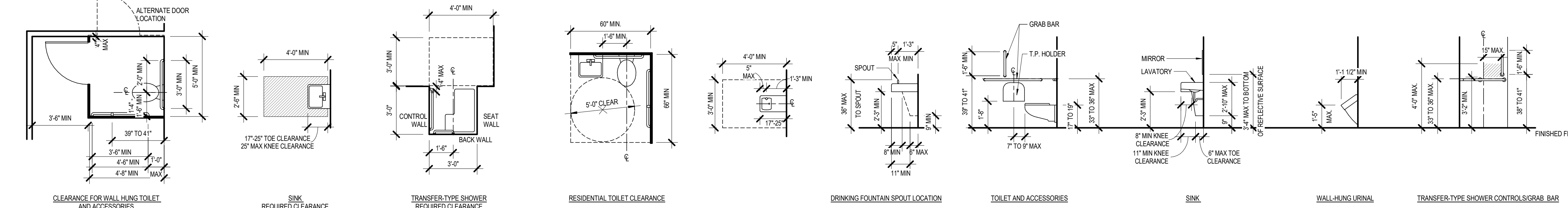


(A) U SHAPED KITCHEN (B) PASS-THROUGH KITCHEN

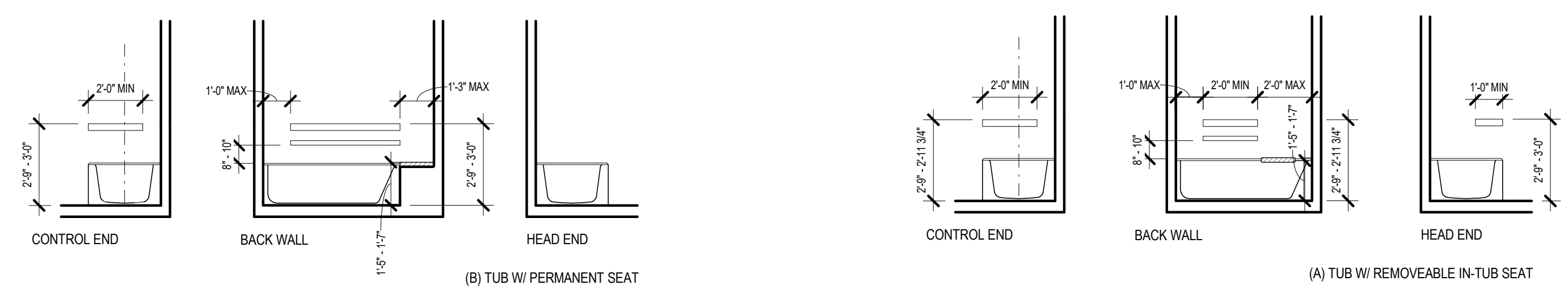
- (1) 30-INCH WIDE COUNTER TOP SPACE FOR SINK INSTALLATION WITH REMOVABLE BASE CABINET AND FINISH FLOORING EXTENDING BENEATH THE SINK
- (2) 30-INCH BY 48-INCH WIDE CLEAR SPACE PROVIDED AT EACH KITCHEN APPLIANCE. SHALL BE PERMITTED TO OVERLAP.
- (3) KITCHEN WORK SURFACE SHALL BE 34" MAX ABV. FINISH FLOOR

2 ADA COMPLIANCE DIAGRAMS - RESTROOM FIXTURES

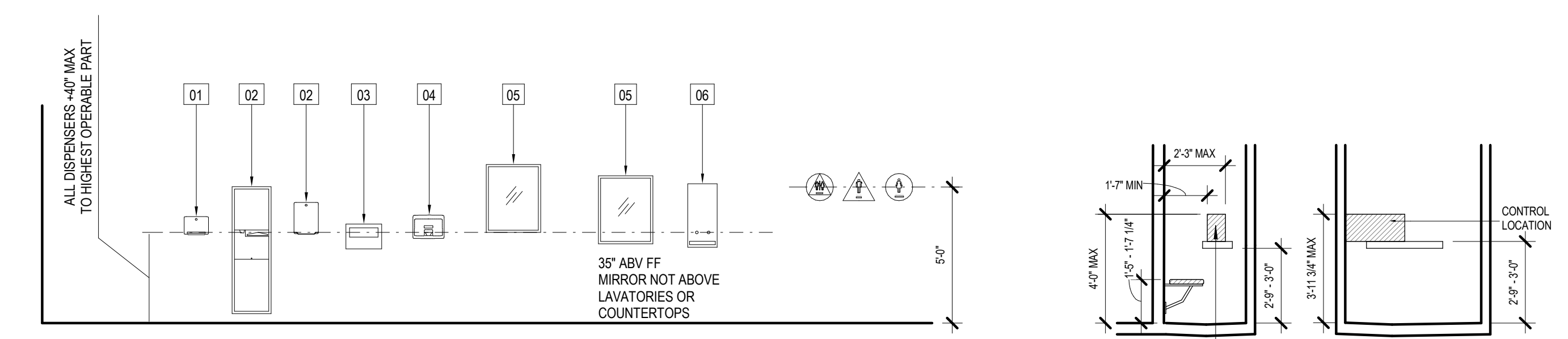
SCALE: 1/4" = 1'-0"



(A) CLEARANCE FOR WALL HUNG TOILET AND ACCESSORIES (B) SINK REQUIRED CLEARANCE (C) TRANSFER-TYPE SHOWER REQUIRED CLEARANCE (D) RESIDENTIAL TOILET CLEARANCE (E) DRINKING FOUNTAIN SPOUT LOCATION (F) TOILET AND ACCESSORIES (G) SINK (H) WALL-HUNG URINAL (I) TRANSFER-TYPE SHOWER CONTROLS/GRAB BAR



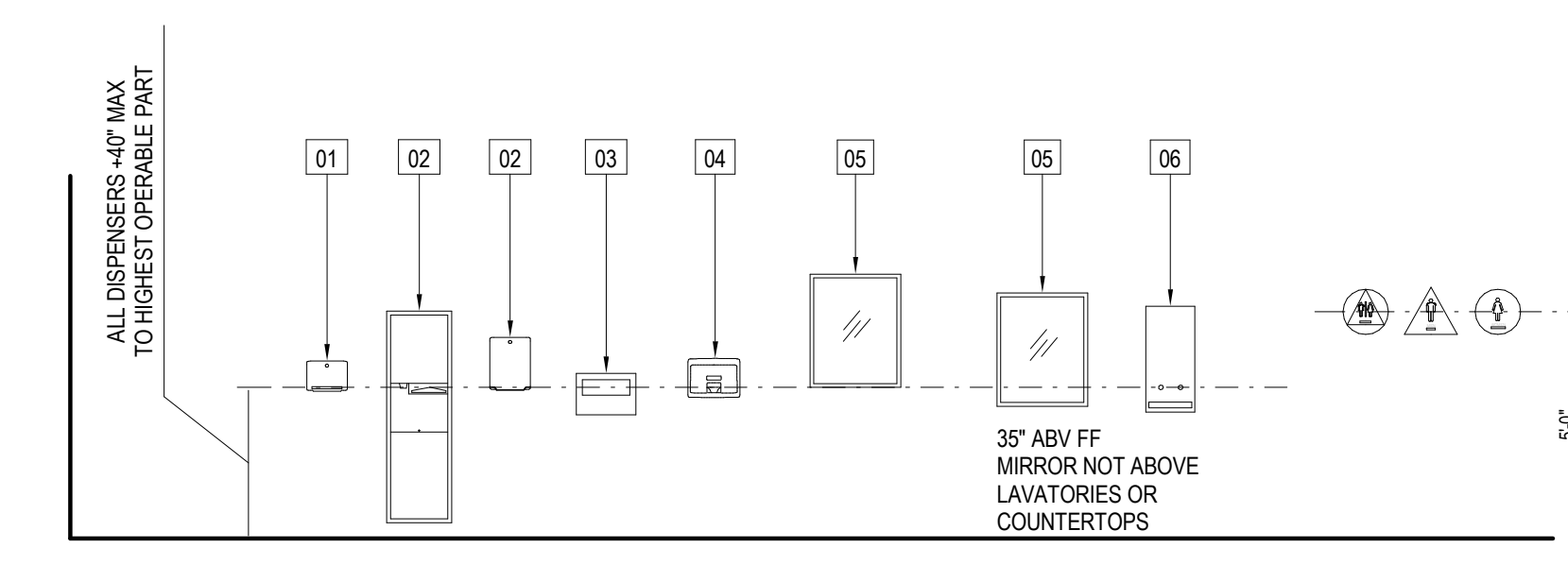
(A) TUB W/ PERMANENT SEAT (B) TUB W/ REMOVABLE IN-TUB SEAT



(C) PARALLEL APPROACH, PERMANENT SEAT (D) FORWARD APPROACH, PERMANENT SEAT (E) PARALLEL APPROACH, REMOVABLE SEAT (F) FORWARD APPROACH, REMOVABLE SEAT

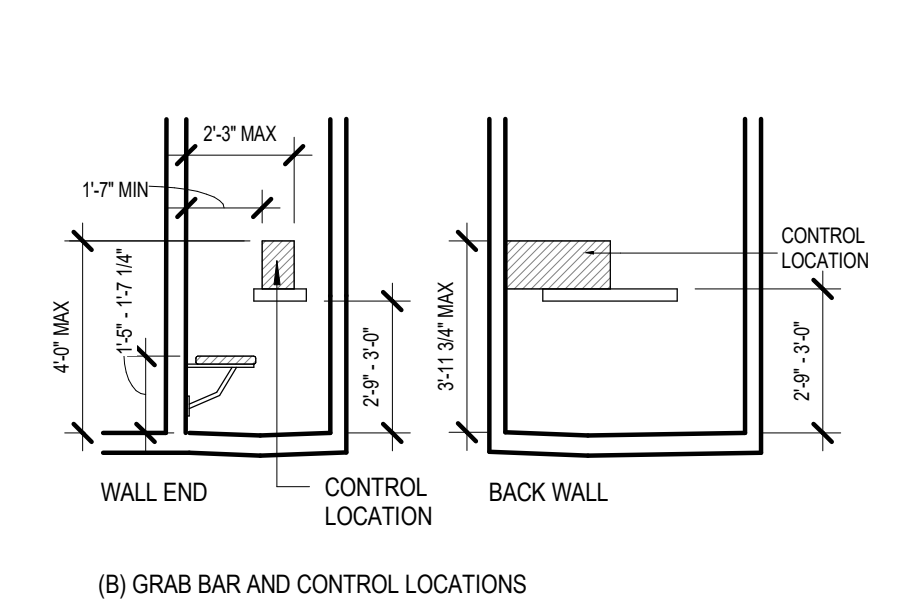
1 ADA COMPLIANCE DIAGRAMS - KITCHENS AND BATHROOMS 24x36

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

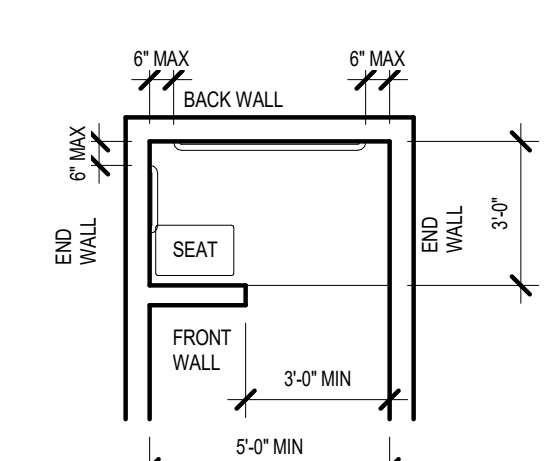


- 01 SOAP DISPENSER
- 02 PAPER TOWEL DISPENSER
- 03 TOILET SEAT COVER DISPENSER
- 04 HAND DRYER
- 05 MIRROR
- 06 NAPKIN DISPENSER

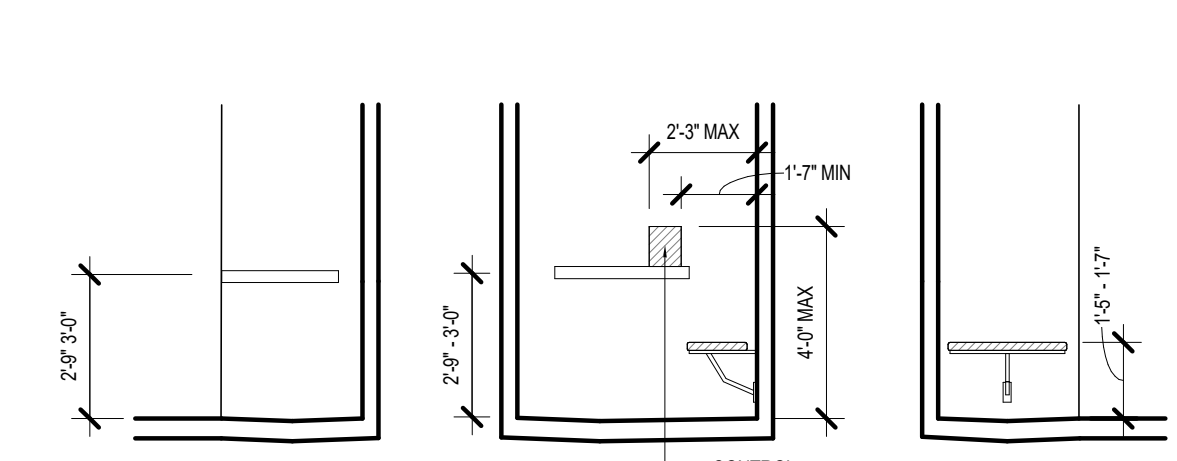
NOTE: MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING HEIGHT FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR



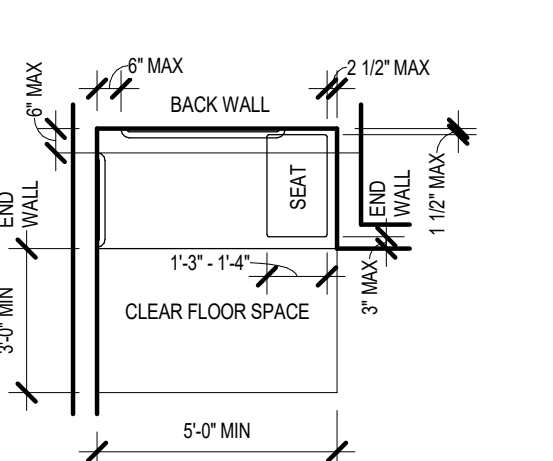
(A) GRAB BAR AND CONTROL LOCATIONS



(A) CLEAR SPACE AND SEAT



(B) GRAB BAR AND CONTROL LOCATIONS



(A) CLEAR SPACE AND SEAT

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CITY OF INGLEWOOD

1 W Manchester Blvd
Inglewood, CA 90301
T 213.622.1218

ARCHITECT

hansonla
ARCHITECTURE

724 South Spring Street
10th Floor
Los Angeles, CA 90014
+1 213 880 8515

STRUCTURAL ENGINEER

**NOUS
ENGINEERING**

5350 Eagle Rock Blvd
Los Angeles, CA 90041
T 213.627.6687

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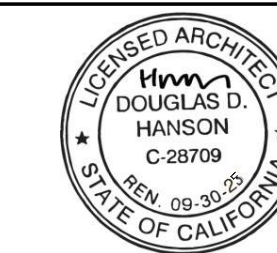
21700 Oxnard St.
Suite 870
Woodland Hills, CA 91367
T 818.788.6719

CIVIL ENGINEER

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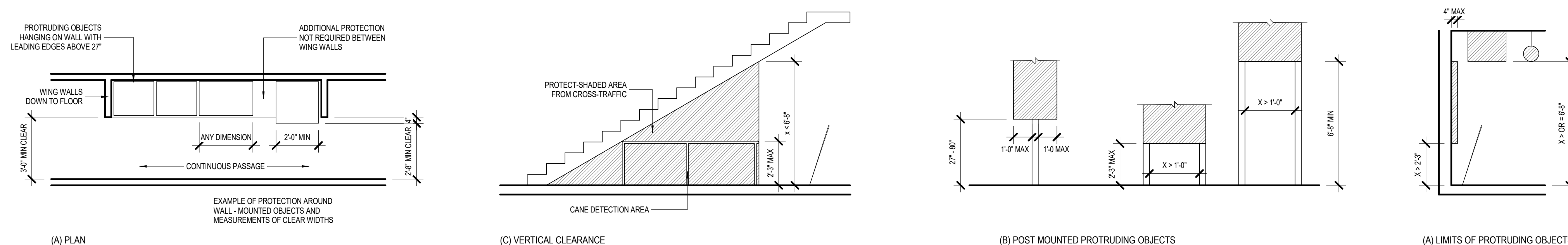
ACCESSIBILITY DIAGRAMS

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

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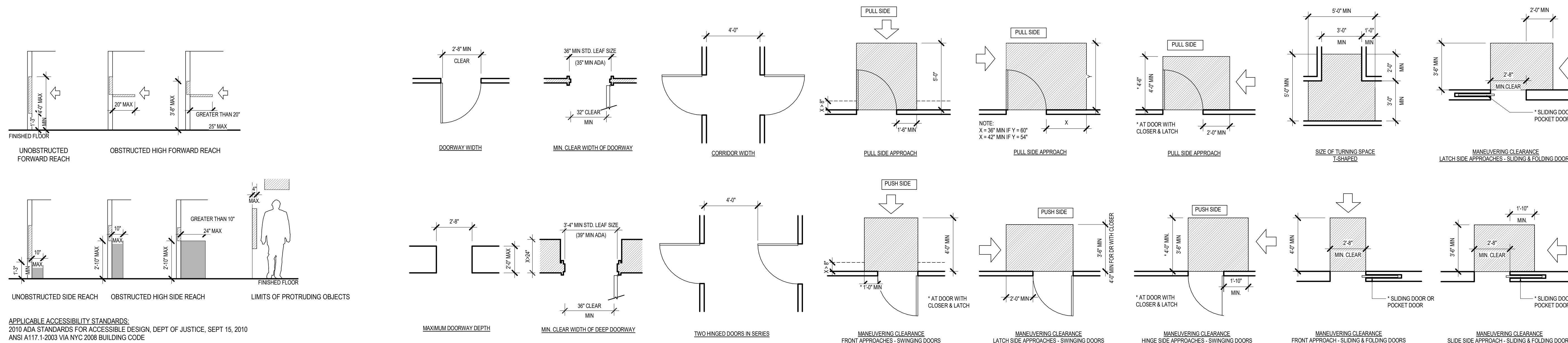
DATE
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3 ADA COMPLIANCE DIAGRAMS - PROTRUDING OBJECTS

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



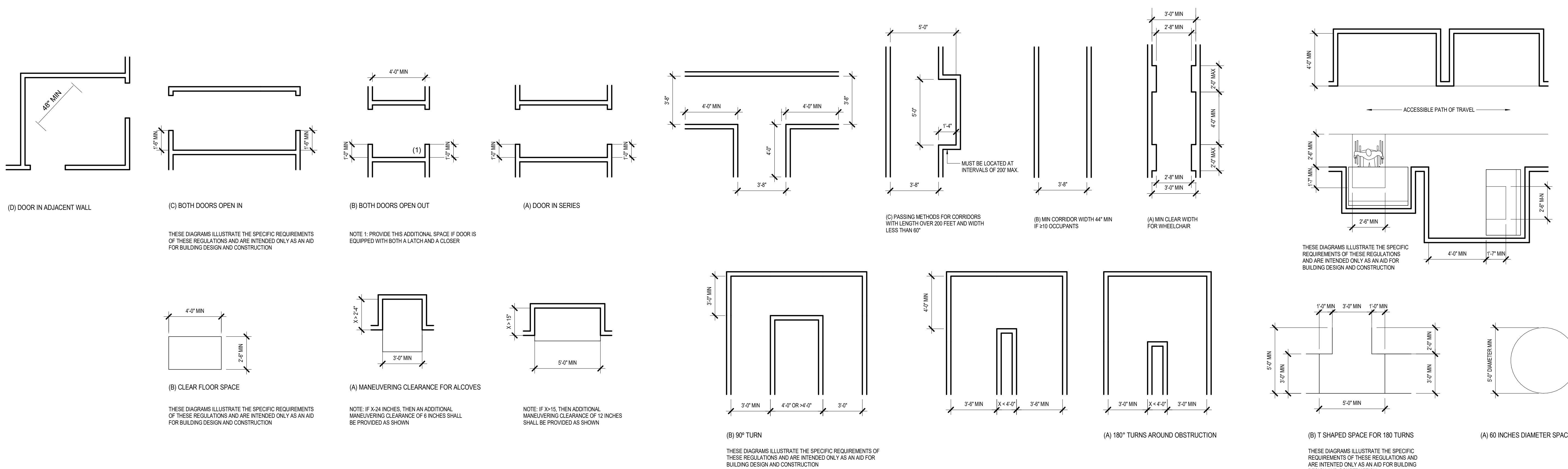
APPLICABLE ACCESSIBILITY STANDARDS:
2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, DEPT OF JUSTICE, SEPT 15, 2010
ANSI A117.1-2003 VIA NYC 2008 BUILDING CODE

5 ADA COMPLIANCE DIAGRAMS - HORIZONTAL REACH 2

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

2 ADA COMPLIANCE DIAGRAMS - DOOR APPROACH, ALCOVES AND RAMPS 1

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



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

NOTE: 1. PROVIDE THIS ADDITIONAL SPACE IF DOOR IS EQUIPPED WITH BOTH A LATCH AND A CLOSER

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

NOTE: IF X>24 INCHES, THEN AN ADDITIONAL MANEUVERING CLEARANCE OF 6 INCHES SHALL BE PROVIDED AS SHOWN

NOTE: IF X>15, THEN ADDITIONAL MANEUVERING CLEARANCE OF 12 INCHES SHALL BE PROVIDED AS SHOWN

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

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1 ADA COMPLIANCE DIAGRAMS - MIN CLEARANCES

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

DIVISION 1 – GENERAL CONDITIONS

- 02.00 GENERAL CONDITIONS**
- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACT TO BE CONFIRMED AND DETERMINED BY THE OWNER.
- 2. OWNER TO CONFIRM RESPONSIBILITY FOR PAYMENT FOR NECESSARY PLAN CHECK FEES, BUILDING PERMITS, SYSTEMS DESIGNMENT CHARGES AND OTHER FEES AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION TO OBTAIN A BUILDING PERMIT.
- 3. BUT NOT LIMITED TO THE GENERAL NOTES, CONTRACT DOCUMENTS, SPECIFICATIONS AND REFERENCE STANDARDS, THE ARCHITECT/ENGINEER SHALL DETERMINE WHICH SHALL GOVERN.
- 4. ALTERNATES AND SUBSTITUTIONS TO SPECIFIED ITEMS WILL BE CONSIDERED AND MUST BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL PRIOR TO BID ACCEPTANCE.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND ALL JOB-RELATED SAFETY STANDARDS SUCH AS OSHA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE WORK REQUIRED IN THE CONSTRUCTION DOCUMENTS AND THE REQUIREMENTS FOR EXECUTING PROPERLY.
- 6. THE CONTRACTOR IS RESPONSIBLE TO REVIEW CONSTRUCTION DRAWINGS AND EXISTING CONDITIONS FOR POSSIBLE CONFLICTS AND VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCING WORK.

- 02.10 REGULATORY REQUIREMENTS**
- 1. ALL WORK SHALL BE IN STRICT COMPLIANCE WITH LATEST EDITIONS OF THE FOLLOWING CODES:
 - A. SHEET METAL IN DRAWING SET.
 - B. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC).
 - C. AMERICAN CONCRETE INSTITUTE (ACI).
 - D. AMERICAN NATIONAL STANDARDS INSTITUTE A117.1.
 - E. AMERICANS WITH DISABILITY ACT (ADA).

- 02.31.00 PROJECT MANAGEMENT AND COORDINATION**
- 1. GENERAL
 - A. GENERAL CONTRACTOR IS RESPONSIBLE TO REVIEW CONSTRUCTION DRAWINGS FOR POSSIBLE CONFLICTS PRIOR TO PROCEEDING.
 - B. GENERATE AND MAINTAIN RECORD DRAWINGS FOR THE CONSTRUCTION AND CONSTRUCTION.
 - C. NOTIFY ARCHITECT OF ANY DISCREPANCY PRIOR TO COMMENCING WORK.
- 2. CONSTRUCTION START-UP
 - A. ESTABLISH PROCEDURES FOR PROJECT COMMUNICATIONS INCLUDING:
 - I. SUBMITTALS.
 - II. REPORTS & RECORDS.
 - III. PERMITS.
 - IV. COORDINATION DRAWINGS.
 - V. SCHEDULES.
 - VI. RESOLUTION OF CONFLICTS.
 - B. CONTRACT DOCUMENTS INTERPRETATION.
 - B. CONTRACT DOCUMENTS INTERPRETATION.
 - C. CONSULT WITH ARCHITECT TO OBTAIN INTERPRETATION.
 - D. ASSIST IN RESOLUTION OF CONFLICTS WHICH MAY ARISE.
 - E. TRANSMIT WRITTEN INTERPRETATIONS TO SUBCONTRACTORS AND TO OTHER CONCERNED PARTIES.
 - F. PERMITS & APPROVALS.
- 3. VERIFY THAT SUBCONTRACTORS HAVE OBTAINED REQUIRED PERMITS AND INSPECTIONS FOR WORK AND FOR TEMPORARY FACILITIES.
- 4. CONTROL USE OF SITE
 - I. SUPERVISE FIELD ENGINEERING AND PROJECT LAYOUT.
 - II. ALLOCATE FIELD OFFICE SPACE AND WORK AND STORAGE AREAS FOR USE OF EACH SUBCONTRACTOR.
 - B. CONCURRENCES:
 - A. REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS: IMMEDIATELY ON DISCOVERY OF THE NEED FOR CLARIFICATION OF THE CONTRACT DOCUMENTS, SUBMIT A REQUEST FOR INFORMATION TO ARCHITECT. INCLUDE A DETAILED DESCRIPTION OF PROBLEM ENCOUNTERED, TOGETHER WITH RELEVANT INFORMATION FROM THE CONTRACT DOCUMENTS.
 - B. RFIS MUST BE REVIEWED AND SIGNED BY CONTRACTOR. RFIS SUBMITTED DIRECTLY FROM SUBCONTRACTOR OR SUPPLIER WILL BE DISCARDED. RFI LOG INCLUDE RFI NUMBER, BRIEF DESCRIPTION, DATE ISSUED (SIGNATURE BY CONTRACTOR), DATE OF REPLY, STATUS OR FURTHER ACTION REQUIRED.
 - C. ARCHITECT RESPONSE TIME: 5 BUSINESS DAYS.
 - D. WHERE SEQUENTIAL REVIEW OF RFIS BY ARCHITECT'S CONSULTANTS, OWNER, OR OTHER PARTIES IS INDICATED, ALLOW ADDITIONAL 5 BUSINESS DAYS FOR INITIAL REVIEW OF EACH RFI.
 - C. COORDINATION DRAWINGS: SUBMITTAL NUMBER AND DATE ON LABEL OR TITLE BLOCK.
 - A. COORDINATE THE WORK OF ALL SUBCONTRACTORS AND MAKE CERTAIN THAT, WHERE THE WORK OF ONE TRADE IS DEPENDENT UPON THE WORK OF ANOTHER TRADE, THE WORK FIRST INSTALLED IS PROPERLY PLACED, INSTALLED, ALIGNED, AND FINISHED AS SPECIFIED OR REQUIRED TO PROPERLY ALLOW OTHER TRADES TO BE INSTALLED THEREON.
 - B. DIRECT SUBCONTRACTORS TO CORRECT DEFECTS IN SUBSTRATES THEY INSTALL WHEN SUBCONTRACTORS OF SUBSEQUENT MATERIALS HAVE A REASONABLE AND JUSTIFIABLE OBJECTION TO SUCH SURFACES.
 - C. CONTROL USE OF SITE.
 - D. SUPERVISE FIELD ENGINEERING AND PROJECT LAYOUT.
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 - C. CONTROL USE OF SITE.
 - D. SUPERVISE FIELD ENGINEERING AND PROJECT LAYOUT.
 - E. ALLOCATE FIELD OFFICE SPACE AND WORK AND STORAGE AREAS FOR USE OF EACH SUBCONTRACTOR.

- 5. COORDINATING WORK WITH OWNERS WORK
 - A. COORDINATE AND MAKE CERTAIN THAT, WHERE WORK OF EITHER PARTY IS DEPENDENT UPON THE OTHER PARTY, THE WORK FIRST PERFORMED IS PROPERLY PLACED, INSTALLED, ALIGNED, AND FINISHED AS REQUIRED TO PERMIT THE PROPER INSTALLATION OF THE FOLLOWING WORK.
 - B. IF THE OWNERS WORK IN ANY WAY INTERFERES WITH THE CONTRACTORS WORK, SO NOTIFY THE OWNER AS SOON AS POSSIBLE. IF THE CONTRACTORS WORK MUST BE MODIFIED TO ACCOMMODATE THE OWNERS WORK, THE CONTRACT SUM AND/OR THE CONTRACT TIME WILL, WHEN NECESSARY, BE ADJUSTED BY A CHANGE ORDER.

- 02.31.00 PROJECT MANAGEMENT AND COORDINATION**
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 - B. GENERATE AND MAINTAIN RECORD DRAWINGS FOR THE CONSTRUCTION AND CONSTRUCTION.
 - C. NOTIFY ARCHITECT OF ANY DISCREPANCY PRIOR TO COMMENCING WORK.
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- 3. VERIFY THAT SUBCONTRACTORS HAVE OBTAINED REQUIRED PERMITS AND INSPECTIONS FOR WORK AND FOR TEMPORARY FACILITIES.
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 - B. RFIS MUST BE REVIEWED AND SIGNED BY CONTRACTOR. RFIS SUBMITTED DIRECTLY FROM SUBCONTRACTOR OR SUPPLIER WILL BE DISCARDED. RFI LOG INCLUDE RFI NUMBER, BRIEF DESCRIPTION, DATE ISSUED (SIGNATURE BY CONTRACTOR), DATE OF REPLY, STATUS OR FURTHER ACTION REQUIRED.
 - C. ARCHITECT RESPONSE TIME: 5 BUSINESS DAYS.
 - D. WHERE SEQUENTIAL REVIEW OF RFIS BY ARCHITECT'S CONSULTANTS, OWNER, OR OTHER PARTIES IS INDICATED, ALLOW ADDITIONAL 5 BUSINESS DAYS FOR INITIAL REVIEW OF EACH RFI.
 - C. COORDINATION DRAWINGS: SUBMITTAL NUMBER AND DATE ON LABEL OR TITLE BLOCK.
 - A. COORDINATE THE WORK OF ALL SUBCONTRACTORS AND MAKE CERTAIN THAT, WHERE THE WORK OF ONE TRADE IS DEPENDENT UPON THE WORK OF ANOTHER TRADE, THE WORK FIRST INSTALLED IS PROPERLY PLACED, INSTALLED, ALIGNED, AND FINISHED AS SPECIFIED OR REQUIRED TO PROPERLY ALLOW OTHER TRADES TO BE INSTALLED THEREON.
 - B. DIRECT SUBCONTRACTORS TO CORRECT DEFECTS IN SUBSTRATES THEY INSTALL WHEN SUBCONTRACTORS OF SUBSEQUENT MATERIALS HAVE A REASONABLE AND JUSTIFIABLE OBJECTION TO SUCH SURFACES.
 - C. CONTROL USE OF SITE.
 - D. SUPERVISE FIELD ENGINEERING AND PROJECT LAYOUT.
 - E. ALLOCATE FIELD OFFICE SPACE AND WORK AND STORAGE AREAS FOR USE OF EACH SUBCONTRACTOR.

- 02.33.00 SUBMITTAL PROCEDURES**
- 1. USE OF CONTRACT DOCUMENTS IN ELECTRONIC MEDIA FORMAT WILL BE PERMITTED UPON RECEIPT OF SIGNED AND DATED AGREEMENT BETWEEN CONTRACTOR AND ARCHITECT CONCERNING USE OF ELECTRONIC MEDIA (FORM INCLUDED IN TO BE SUBMITTED ELECTRONICALLY WITH CONTRACT DOCUMENTATION). CONTRACT DRAWINGS TO BE PROVIDED AS AUTOCAD 2010 ELECTRONIC MEDIA FORMAT. ELECTRONIC DRAWINGS ARE TO BE USED FOR BACKGROUND INFORMATION ONLY.
- 2. COORDINATING WORK WITH OWNERS WORK
 - A. COORDINATE AND MAKE CERTAIN THAT, WHERE WORK OF EITHER PARTY IS DEPENDENT UPON THE OTHER PARTY, THE WORK FIRST PERFORMED IS PROPERLY PLACED, INSTALLED, ALIGNED, AND FINISHED AS REQUIRED TO PERMIT THE PROPER INSTALLATION OF THE FOLLOWING WORK.
 - B. IF THE OWNERS WORK IN ANY WAY INTERFERES WITH THE CONTRACTORS WORK, SO NOTIFY THE OWNER AS SOON AS POSSIBLE. IF THE CONTRACTORS WORK MUST BE MODIFIED TO ACCOMMODATE THE OWNERS WORK, THE CONTRACT SUM AND/OR THE CONTRACT TIME WILL, WHEN NECESSARY, BE ADJUSTED BY A CHANGE ORDER.

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- 2. ARCHITECT WILL INSPECT WORK TO VERIFY COMPLETE STATUS AS SOON AS POSSIBLE AFTER RECEIPT OF CONTRACTORS CERTIFICATION. SHOULD ARCHITECT CONSIDER WORK INCOMPLETE OR DEFECTIVE:
 - A. ARCHITECT WILL PROMPTLY NOTIFY CONTRACTOR IN WRITING, LISTING INCOMPLETE OR DEFECTIVE WORK (PUNCH LIST) AND INDICATE AN ACCEPTED TIME FRAME TO REMEDY DEFICIENCIES. CONTRACTOR SHALL IMMEDIATELY REMEDY DEFICIENCIES AND SEND SECOND WRITTEN CERTIFICATION TO ARCHITECT THAT WORK IS COMPLETE. ARCHITECT WILL RE-INSPECT WORK. WHEN ARCHITECT FINDS WORK ACCEPTABLE UNDER CONTRACT DOCUMENTS, HE WILL REQUEST CONTRACTOR TO MAKE CLOSEOUT SUBMITTALS.
 - B. ARCHITECT WILL ISSUE A CERTIFICATE OF SUBSTANTIAL COMPLIANCE, AS FOLLOWS.

DIVISION 2 - SITE

- 02.41 DEMOLITION**
- 1. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- 2. STANDARDS: STURM, BEHNKE, AND ASSOCIATES, INC. (SBA) 1519. DEMOLITION SHALL BE IN ACCORDANCE WITH SBA 1519.
- 3. BUILDINGS TO BE DEMOLISHED WILL BE VACATED AND THEN DISCONTINUED BEFORE START OF WORK.
- 4. OWNER ASSUMES NO RESPONSIBILITY FOR BUILDINGS AND STRUCTURES TO BE DEMOLISHED.
- 5. STORAGE OR SALES OF REMOVED ITEMS OR MATERIALS ON SITE IS NOT PERMITTED.
- 6. TRAFFIC, NOISE, INTERFERENCE WITH ADJACENT ROADS, WALKWAYS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES DURING SITE-CLEARING OPERATIONS.
- 7. UTILITY LOCATOR SERVICE: NOTIFY UTILITY LOCATOR SERVICE FOR AREA WHERE PROJECT IS LOCATED BEFORE SITE CLEARING.
- 8. UTILITY LOCATOR SERVICE: NOTIFY UTILITY LOCATOR SERVICE FOR AREA WHERE PROJECT IS LOCATED BEFORE SITE CLEARING.
- 9. ARRANGE DEMOLITION SCHEDULE SO AS NOT TO INTERFERE WITH OWNERS ON-SITE OPERATIONS.
- 10. SURVEY EXISTING CONDITIONS AND CORRELATE WITH REQUIREMENTS INDICATED TO DETERMINE EXTENT OF BUILDING AND SITE DEMOLITION REQUIRED.
- 11. REVIEW PROJECT RECORD DOCUMENTS OR EXISTING CONSTRUCTION PROVIDED BY OWNER. OWNER DOES NOT GUARANTEE THAT EXISTING CONDITIONS ARE SAME AS THOSE INDICATED IN PROJECT RECORD DOCUMENTS.
- 12. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL OR STRUCTURAL ELEMENTS ARE ENCOUNTERED, INVESTIGATE AND MEASURE THE NATURE AND EXTENT OF THE ELEMENT. PROMPTLY SUBMIT A WRITTEN REPORT TO ARCHITECT.
- 13. SEE CIVIL ENGINEERING GENERAL NOTES FOR DEMOLITION SCOPE REGARDING, PERTAINING OR DEALING WITH ANY EXISTING UTILITIES ARE TO BE REMOVED.
- 14. SEE LANDSCAPE ARCHITECTURE GENERAL NOTES FOR DEMOLITION SCOPE REGARDING, PERTAINING OR DEALING WITH ANY EXISTING LANDSCAPING.
- 15. PROTECT ADJACENT WALKWAYS, LOADING DOCKS, BUILDING ENTRANCES, AND OTHER BUILDING FACILITIES DURING DEMOLITION OPERATIONS.
- 16. TEMPORARY PROTECTION: REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL.
- 17. DEMOLISH EXISTING STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY BUILDING DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE BUILDING DEMOLITION OPERATIONS BEGAN.

- DIVISION 3 - CONCRETE**
- 03.30.00 CAST-IN-PLACE CONCRETE**
- 1. ALL CONCRETE WORK IS TO CONFORM TO ACI 301-96 STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE; CBC CHAPTER 19 'CONCRETE' AND ACI 318-22/19R2. ALL MATERIALS MUST CONFORM TO ACI 301 SEC 4.2.1. CONTRACTOR RESPONSIBLE FOR PROVIDING MIX DESIGN FOR REVIEW & APPROVAL OF ARCHITECT PRIOR TO CONSTRUCTION.
- 2. PSI STRENGTHS REQUIRED AND MIX DESIGN REQUIREMENTS TO BE SUPPLIED BY STRUCTURAL ENGINEER OR RECORD.
- 3. USE GRADE 60 REINFORCING STEEL PER ASTM A615.
- 4. CONTRACTOR IS RESPONSIBLE FOR TESTING (STRENGTH, SLUMP AND AIR CONTENT).
- 5. FORMWORK FOR CONCRETE EXPOSED TO VIEW TO BE CONSTRUCTED OF 4 FT X 8 FT RESIN FACED PLYWOOD SHEETS.
- 6. CODES & STANDARDS: ALL CONCRETE WORK TO BE IN STRICT COMPLIANCE WITH THE CODES LISTED IN SECTION 01.4100 AND THE FOLLOWING STANDARDS:
 - A. AMERICAN CONCRETE INSTITUTE (ACI)
 - B. ASTM INTERNATIONAL
 - C. REFERENCED STRUCTURAL GENERAL NOTES FOR SPECIFIC STANDARDS AND ADDITIONAL INFORMATION.
 - D. REFERENCED CIVIL FOR EXTERIOR FLOORING SPECIFIC STANDARDS AND ADDITIONAL INFORMATION.
- 7. SUBMITTALS TO INCLUDE:
 - A. ONE (1) DIGITAL PDF COPY OF CONCRETE DESIGN MIX FOR EACH TYPE & STRENGTH OF CONCRETE.
 - B. ONE (1) DIGITAL PDF COPY OF REBAR LAYOUT AND PRODUCT DATA.
 - C. REFERENCE STRUCTURAL GENERAL NOTES AND SHEETS FOR ADDITIONAL INFORMATION AND SUBMITTAL REQUIREMENTS.
- 8. PRODUCTS:
 - A. CONCRETE MIX PER STRUCTURAL.
 - B. REBAR PER STRUCTURAL.
 - C. FORMWORK FACINGS MATERIALS.

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 - C. REFERENCE STRUCTURAL GENERAL NOTES AND SHEETS FOR ADDITIONAL INFORMATION AND SUBMITTAL REQUIREMENTS.
- 8. PRODUCTS:
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 - C. REFERENCE STRUCTURAL GENERAL NOTES AND SHEETS FOR ADDITIONAL INFORMATION AND SUBMITTAL REQUIREMENTS.
- 8. PRODUCTS:
 - A. CONCRETE MIX PER STRUCTURAL.
 - B. REBAR PER STRUCTURAL.
 - C. FORMWORK FACINGS MATERIALS.

- DIVISION 4 - MASONRY (SEE STRUCTURAL)**
- 04.00 COLD FORMED METAL FRAMING**
- 1. COLD-FORMED METAL FRAMING WORK SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE IDENTIFIED ON THE STRUCTURAL GENERAL NOTES, AND OSHA REQUIREMENTS, EXCEPT WHERE MORE STRINGENT CONDITIONS OR CRITERIA OCCUR ON THE STANDARDS REFERENCED BELOW AND ON THE DRAWINGS.
- 2. COMPLY WITH FIRE-RESISTANCE RATINGS AS INDICATED AND AS REQUIRED BY GOVERNING AUTHORITIES AND CODES.
- 3. SUBMITTALS TO INCLUDE:
 - A. ONE (1) DIGITAL PDF COPY OF CASEWORK, CABINET AND COUNTERTOP DRAWINGS FOR REVIEW AND APPROVAL BY THE ARCHITECT PRIOR TO FABRICATION.
 - B. ONE (1) DIGITAL PDF COPY OF FINISH SAMPLES FOR REVIEW AND APPROVAL BY THE ARCHITECT PRIOR TO FABRICATION.
- 4. ALL CABINETS AND CASEWORK TO BE FABRICATED OF HIGH QUALITY MATERIALS.
- 5. LAMBER: BIRCH OR POPLAR. MOISTURE CONTENT SHALL BE 8 PERCENT TO 12 PERCENT FOR BOARDS UP TO 2-INCH NOMINAL THICKNESS, AND SHALL NOT EXCEED 19 PERCENT FOR THICKER BOARD.
- 6. CORE: MDF. ANSI A208.2, GRADE 130, MADE WITH BINDER CONTAINING NO UREA FORMALDEHYDE.
- 7. C. PLASTIC LAMINATE: COLORS AND TEXTURES INDICATED ON DRAWINGS, WHERE COLOR IS EXPOSED IN THE WORK. PROVIDE COLOR CORE LAMINA.
- 8. CABINET LINER, TYPE CLS.
- 9. EDGEBOARD: PVC.
- 10. ADHESIVES: TYPE I.
- 11. GROUGH HARDWARE: WOOD SCREWS, NAILS AND ANCHORS, AS SELECTED BY THE FABRICATOR PROVIDED THEY RESULT IN PERMANENT CONNECTIONS. TOOTHED STEEL OR LEAD EXPANSION BOLT DEVICES FOR DRILLED-IN-PLACE ANCHORS, FURNISH INSERTS AND ANCHORS AS REQUIRED.
- 12. HARDWARE: SEE CABINET HARDWARE SCHEDULE AT THE END OF THIS SECTION.
- 13. CABINETS AND CASEWORK TO HAVE DOORS AND DRAWERS IN CONFIGURATIONS AS INDICATED ON THE DRAWINGS.
- 14. FINISHES TO BE AS SPECIFIED ON DRAWINGS. FINISHES TO BE MATCHED TO THE FINISHES OF ADJACENT SURFACES.
- 15. PROVIDE GROMMETS IN COUNTERTOPS ABOVE WALL MOUNTED OUTLETS, GROMMETS TO BE MOCKETT AND COMPANY SG SERIES, 1 1/2" HOLE, COLOR: BLACK.
- 16. PROVIDE MOUNTED, SOLID METAL WIRE PULS, 1/2" INCHES LONG, 2 1/2" INCHES DEEP, AND 5/16" INCH IN DIAMETER.
- 17. PULLS BACK GROMMETS IN COUNTERTOPS ABOVE WALL MOUNTED OUTLETS, GROMMETS TO BE MOCKETT AND COMPANY SG SERIES, 1 1/2" HOLE, COLOR: BLACK.
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- 61. PULLS BACK GROMMETS IN COUNTERTOPS ABOVE WALL MOUNTED OUTLETS, GROMMETS TO BE MOCKETT AND COMPANY SG SERIES, 1 1/2" HOLE, COLOR: BLACK.
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- 91. PULLS BACK GROMMETS IN COUNTERTOPS ABOVE WALL M

GENERAL NOTES:

- ALL GRADING AND CONSTRUCTION SHALL CONFORM TO CHAPTER 11 (LATEST EDITION) OF THE CITY OF INGLEWOOD MUNICIPAL CODE UNLESS SPECIFICALLY NOTED ON THESE PLANS.
- ANY MODIFICATIONS OR CHANGES TO APPROVED GRADING PLANS MUST BE APPROVED BY THE BUILDING OFFICIAL.
- NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE BUILDING OFFICIAL. A PRE-GRADING MEETING AT THE SITE IS REQUIRED BEFORE THE START OF THE GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, CITY GRADING INSPECTOR(S) OR THEIR REPRESENTATIVES, AND WHEN REQUIRED, THE ARCHEOLOGIST OR OTHER JURISDICTIONAL AGENCIES. PERMITTEE OR HIS AGENT ARE RESPONSIBLE FOR ARRANGING PRE-GRADE MEETING AND MUST NOTIFY THE BUILDING OFFICIAL AT LEAST TWO BUSINESS DAYS PRIOR TO PROPOSED PRE-GRADE MEETING.
- APPROVAL OF THESE PLANS REFLECTS SOLELY THE REVIEW OF PLANS IN ACCORDANCE WITH THE CITY OF INGLEWOOD BUILDING CODE AND DOES NOT REFLECT ANY POSITION BY THE CITY OF INGLEWOOD OR THE DEPARTMENT OF PUBLIC WORKS REGARDING THE STATUS OF ANY TITLE ISSUES RELATING TO THE LAND ON WHICH THE IMPROVEMENTS MAY BE CONSTRUCTED. ANY DISPUTES RELATING TO TITLE ARE SOLELY A PRIVATE MATTER NOT INVOLVING THE CITY OF INGLEWOOD OR THE DEPARTMENT OF PUBLIC WORKS.
- ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL COMPLY WITH CITY OF INGLEWOOD CODE, THAT CONTROLS AND RESTRICTS NOISE FROM THE USE OF CONSTRUCTION AND GRADING EQUIPMENT FROM THE HOURS OF 8:00 PM TO 6:30 AM, AND ON SUNDAYS AND HOLIDAYS.
- CALIFORNIA PUBLIC RESOURCES CODE (SECTION 5097.98) AND HEALTH AND SAFETY CODE (SECTION 7050.5) ADDRESS THE DISCOVERY AND DISPOSITION OF HUMAN REMAINS. IN THE EVENT OF DISCOVERY OR RECOGNITION OF ANY HUMAN REMAINS IN ANY LOCATION OTHER THAN A DEDICATED CEMETERY, THE LAW REQUIRES THAT GRADING IMMEDIATELY STOPS AND NO FURTHER EXCAVATION OR DISTURBANCE OF THE SITE, OR ANY NEARBY AREA WHERE HUMAN REMAINS MAY BE LOCATED, OCCUR UNTIL THE FOLLOWING MEASURES HAVE BEEN TAKEN:
 - THE COUNTY CORONER HAS BEEN INFORMED AND HAS DETERMINED THAT NO INVESTIGATION OF THE CAUSE OF DEATH IS REQUIRED, AND
 - IF THE REMAINS ARE OF NATIVE AMERICAN ORIGIN, THE DESCENDANTS FROM THE DECEASED NATIVE AMERICANS HAVE MADE A RECOMMENDATION FOR THE MEANS OF TREATING OR DISPOSING, WITH APPROPRIATE DIGNITY, OF THE HUMAN REMAINS AND ANY ASSOCIATED GRAVE GOODS.
- THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
- ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE BUILDING OFFICIAL OR A LEGAL DUMPSITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE ARE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.
- A COPY OF THE GRADING PERMIT AND APPROVED GRADING PLANS MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.
- SITE BOUNDARIES, EASEMENTS, DRAINAGE DEVICES, RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY FIELD ENGINEER OR LICENSED SURVEYOR. PRIOR TO GRADING, AS REQUESTED BY THE BUILDING OFFICIAL, ALL PROPERTY LINES, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE STAKED.
- THE STANDARD RETAINING WALL DETAILS SHOWN ON THE GRADING PLANS ARE FOR REFERENCE ONLY. STANDARD RETAINING WALLS ARE NOT CHECKED, PERMITTED, OR INSPECTED PER THE GRADING PERMIT. A SEPARATE RETAINING WALL PERMIT IS REQUIRED FOR ALL STANDARD RETAINING WALLS.

NOTE: THIS NOTE ONLY APPLIES TO STANDARD RETAINING WALLS. GEOGRID FABRIC AND SEGMENTAL RETAINING WALLS DO NOT REQUIRE A SEPARATE RETAINING WALL PERMIT. DETAILS AND CONSTRUCTION NOTES FOR ALL GEOGRID WALLS MUST BE ON THE GRADING PLAN.
- A PREVENTIVE PROGRAM TO PROTECT THE SLOPES FROM POTENTIAL DAMAGE FROM BURROWING RODENTS IS REQUIRED PER THE CITY OF INGLEWOOD BUILDING CODE. OWNER IS TO INSPECT SLOPES PERIODICALLY FOR EVIDENCE OF BURROWING RODENTS AND A FIRST EVIDENCE OF THEIR EXISTENCE SHALL EMPLOY AN EXTERMINATOR FOR THEIR REMOVAL.
- IF GRADING AUTHORIZED BY THIS PLAN IS TO EXTEND THROUGH THE RAINY SEASON, OCTOBER 1 THROUGH APRIL 30 OF THE FOLLOWING YEAR, SEPARATE UPDATED PLANS FOR EROSION CONTROL MUST BE SUBMITTED PRIOR TO OCTOBER PER THE CITY OF INGLEWOOD BUILDING CODE.
- TRANSFER OF RESPONSIBILITY: IF THE CIVIL ENGINEER, THE SOILS ENGINEER OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR RESPONSIBILITY WITHIN THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE BUILDING OFFICIAL IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF SUCH GRADING.
- PROJECTS WITH CUT OR FILL OVER 20,000 CY ON A SITE STEEPER THAN 10% REQUIRE A CEQA CLEARANCE FROM CITY PLANNING.
- PROVIDE A COPY OF PERMIT FROM CALIFORNIA DIVISION OF INDUSTRIAL SAFETY FOR EXCAVATIONS OR TRENCHES OVER 5 FEET VERTICAL CUTS.

STANDARD PLANS FOR THIS PROJECT:

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC)

- 111-5 CURB RAMP
- 112-2 CURB AND SIDEWALK JOINTS
- 120-2 CURB AND GUTTER - BARRIER
- 208-2 BREAKING INTO EXISTING MANHOLES
- 303-3 CURBSIDE GRATING CATCH BASIN
- 306-6 CURB OPENING CATCH BASIN WITH MANHOLE IN STREET
- 306-12 CURB OPENING CATCH BASIN AT DRIVEWAY
- 321-2 MANHOLE - PIPE-TO-PIPE [ONE OR BOTH MAIN LINE IDS 33" (825 MM) OR SMALLER]
- 618-3 MASONRY RETAINING WALL
- 622-4 CONCRETE BLOCK SLOUGH WALL
- 640-4 REINFORCED CONCRETE STAIRWAY

CITY OF INGLEWOOD WATER STANDARDS

W-355 SHEET 21 3/4"-INCH OR 1"-INCH WATER METER ASSEMBLY INSTALLATION

LACSD STANDARD DRAWINGS FOR CONSTRUCTION

S-A-204 STANDARD MANHOLE, TYPE "D"

GRADING INSPECTION NOTES:

- THE PERMITTEE OR HIS AGENT SHALL NOTIFY THE BUILDING OFFICIAL AT LEAST ONE WORKING DAY IN ADVANCE OF REQUIRED INSPECTIONS AT FOLLOWING STAGES OF THE WORK.
 - INITIAL. WHEN THE SITE HAS BEEN CLEARED OF VEGETATION AND UNAPPROVED FILL HAS BEEN SCARIFIED, BENCHED, OR OTHERWISE PREPARED FOR FILL. FILL SHALL NOT BE PLACED PRIOR TO THIS INSPECTION.

NOTE: PRIOR TO ANY CONSTRUCTION ACTIVITIES, INCLUDING GRADING, ALL STORM WATER POLLUTION PREVENTION MEASURES INCLUDING EROSION CONTROL DEVICES WHICH CONTAIN SEDIMENTS MUST BE INSTALLED.
 - ROUGH. WHEN APPROXIMATE FINAL ELEVATIONS HAVE BEEN ESTABLISHED; DRAINAGE TERRACES, SWALES AND BERMS INSTALLED AT THE TOP OF THE SLOPE; AND THE STATEMENTS REQUIRED IN THIS SECTION HAVE BEEN RECEIVED.
 - FINAL WHEN GRADING HAS BEEN COMPLETED; ALL DRAINAGE DEVICES INSTALLED; SLOPE PLANTING ESTABLISHED, IRRIGATION SYSTEMS INSTALLED AND THE AS-BUILT PLANS, REQUIRED STATEMENTS, AND REPORTS HAVE BEEN SUBMITTED AND APPROVED.
- IN ADDITION TO THE INSPECTION REQUIRED OF THE BUILDING OFFICIAL FOR REGULAR GRADING, REPORTS AND STATEMENTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL OF THE CITY OF INGLEWOOD.
- ALL GRADED SITES MUST HAVE DRAINAGE SWALES, BERMS, AND OTHER DRAINAGE DEVICES INSTALLED PRIOR TO ROUGH GRADING APPROVAL PER THE CITY OF INGLEWOOD BUILDING CODE.
- THE GRADING CONTRACTOR SHALL SUBMIT THE STATEMENT TO THE GRADING INSPECTOR AS REQUIRED BY THE CITY OF INGLEWOOD BUILDING CODE AT THE COMPLETION OF ROUGH GRADING.
- FINAL GRADING MUST BE APPROVED BEFORE OCCUPANCY OF BUILDINGS WILL BE ALLOWED PER THE CITY OF INGLEWOOD BUILDING CODE.
- PROTECT ADJOINING PROPERTY BY GIVING A 30-DAY WRITTEN NOTICE (BY CERTIFIED MAIL AND RETURN RECEIPT) OF THE ATTACHED LETTER TO ADJACENT PROPERTY OWNERS, OF INTENT TO EXCAVATE WHERE EXCAVATION IS DEEPER THAN THE FOUNDATION OF ADJOINING BUILDING AND LOCATED CLOSER TO PROPERTY LINE THAN THE DEPTH OF EXCAVATION.

UTILITY NOTES:

- ROOF DRAINAGE MUST BE DIVERTED FROM GRADED SLOPES.
- PROVISIONS SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES.
- ALL UTILITIES WORK IS TO BE DONE UNDER INSPECTION BY THE FIELD ENGINEER. WEEKLY STATUS REPORTS SHALL BE SUBMITTED BY THE FIELD ENGINEER TO THE LOCAL BUILDING AND SAFETY DISTRICT OFFICE. ALL INSPECTION AND TESTING FOR UTILITIES UNDER THIS PERMIT SHALL BE DONE PER LATEST ADDITION OF THE GREENBOOK STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

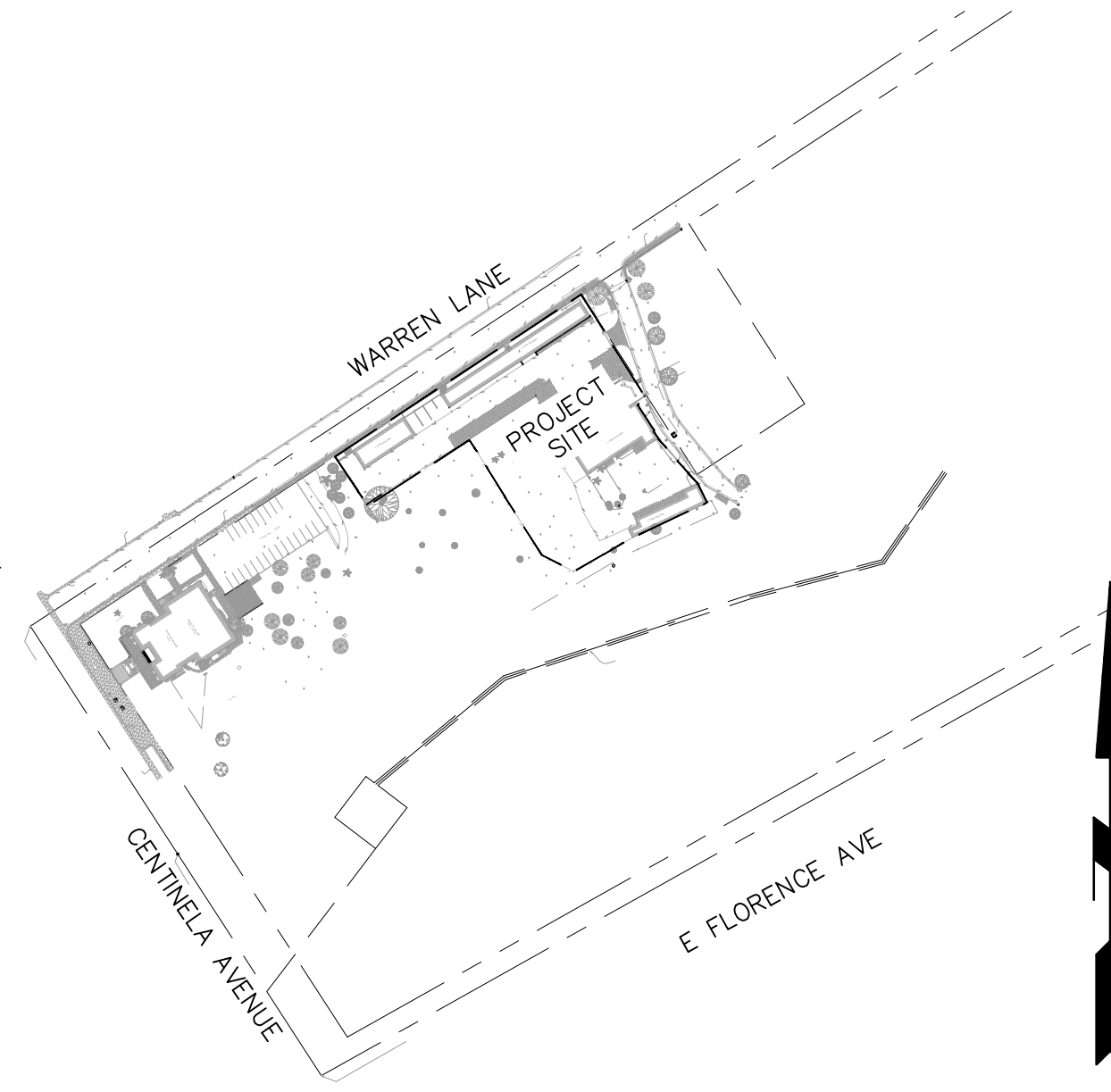
AGENCY NOTES

- AN ENCROACHMENT PERMIT FROM CITY OF INGLEWOOD IS REQUIRED FOR ALL WORK WITHIN OR AFFECTING ROAD RIGHT OF WAY. ALL WORK WITHIN ROAD RIGHT OF WAY SHALL CONFORM TO CITY OF INGLEWOOD ENCROACHMENT PERMIT.
- STORM DRAIN AND SEWER REQUIRES APPROVAL BY THE CITY OF INGLEWOOD ENGINEER.
- AN ENCROACHMENT PERMIT/CONNECTION PERMIT IS REQUIRED FROM THE COUNTY OF LOS ANGELES FLOOD CONTROL DISTRICT FOR ALL WORK WITHIN THE COUNTY OF LOS ANGELES FLOOD CONTROL DISTRICT RIGHT OF WAY. ALL WORK SHALL CONFORM WITH CONDITIONS SET BY THE PERMIT.
- PERMISSION TO OPERATE IN FIRE ZONE 4 MUST BE OBTAINED FROM THE FIRE PREVENTION BUREAU OR THE LOCAL FIRE STATION PRIOR TO COMMENCING WORK.
- ALL WORK WITHIN THE STREAM BED AND AREAS OUTLINED ON GRADING PLANS SHALL CONFORM TO:

ARMY CORP 404 PERMIT NO.	N/A
CALIFORNIA FISH & GAME PERMIT NO.:	N/A

NOTE TO CONTRACTOR:

- DUST SHALL BE CONTROLLED BY WATERING AND/OR DUST PALLIATIVE.
- SANITARY FACILITIES SHALL BE MAINTAINED ON THE SITE DURING THE CONSTRUCTION PERIOD.
- THE STAMPED SET OF APPROVED PLANS SHALL BE ON THE JOB SITE AT ALL TIMES.
- PERMITTEE AND CONTRACTOR ARE RESPONSIBLE FOR LOCATING AND PROTECTING UTILITIES.
- FAILURE TO REQUEST INSPECTIONS AND/OR HAVE REMOVABLE EROSION CONTROL DEVICES ON-SITE AT THE APPROPRIATE TIMES SHALL RESULT IN A "STOP WORK" ORDER.
- NO PAINT, PLASTER, CEMENT, SOIL, MORTAR OR OTHER RESIDUE SHALL BE ALLOWED TO ENTER STREETS, CURBS, GUTTERS OR STORM DRAINS. ALL MATERIAL AND WASTE SHALL BE REMOVED FROM THE SITE.
- TEMPORARY EROSION CONTROL PLANS ARE REQUIRED FROM OCTOBER 1 TO APRIL 30.
- EROSION CONTROL DEVICES SHALL BE AVAILABLE ON-SITE BETWEEN OCTOBER 1 TO APRIL 30.
- BETWEEN OCTOBER 1 TO APRIL 30, EROSION CONTROL MEASURES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHENEVER THE FIVE-DAY PROBABILITY OF RAIN EXCEEDS 30 PERCENT. DURING THE REMAINDER OF THE YEAR, THEY SHALL BE IN PLACE AT THE END OF THE WORKING DAY, WHENEVER THE DAILY RAINFALL PROBABILITY EXCEEDS 50 PERCENT.
- ALL FILLS SHALL BE COMPACTED THROUGHOUT TO A MINIMUM OF 95 PERCENT RELATIVE COMPACTION AS DETERMINED BY ASTM TEST METHOD 1557, AND APPROVED BY THE SOILS ENGINEER. COMPACTION TESTS SHALL BE PERFORMED APPROXIMATELY EVERY TWO FEET IN VERTICAL HEIGHT AND OF SUFFICIENT QUANTITY TO ATTEST TO THE OVERALL COMPACTION EFFORT APPLIED TO THE FILL AREAS.
- THE EXACT LOCATION OF SUBDRAINS SHALL BE SURVEYED IN THE FIELD FOR LINE AND GRADE.
 - AN AS-BUILT GRADING PLAN SHALL BE PREPARED BY THE CIVIL ENGINEER INCLUDING ORIGINAL GROUND SURFACE ELEVATIONS, AS GRADED GROUND SURFACE ELEVATIONS, LOT DRAINAGE PATTERNS AND LOCATIONS, AND ELEVATIONS OF ALL SURFACE AND SUBSURFACE DRAINAGE FACILITIES. HE/SHE SHALL PROVIDE WRITTEN APPROVAL THAT THE WORK WAS DONE IN ACCORDANCE WITH THE FINAL APPROVED GRADING PLAN AND STATE THE NUMBER OF YARDS OF CUT AND/OR FILL MOVED DURING THE OPERATION.
 - A FIELD ENGINEER, SOILS ENGINEER AND ENGINEERING GEOLOGIST, WHEN APPROPRIATE, WILL BE EMPLOYED TO PERFORM THE SERVICES REQUIRED BY THIS CODE AS REQUIRED BY THE BUILDING OFFICIAL. [J104.2.3]
 - PROPOSED IMPROVEMENTS OR CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY OR UTILITY EASEMENT REQUIRES PUBLIC WORKS APPROVAL PRIOR TO ISSUING OF A BUILDING PERMIT.
 - THE CITY OF INGLEWOOD UTILIZES THE STANDARDS PROVIDED WITHIN THE LATEST EDITION OF THE APWA "STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION" (SPPWC). ALL WORK PERFORMED BY THE CONTRACTOR SHALL CONFORM TO THE LATEST EDITION OF THE SPPWC AND SSPWC.



VICINITY MAP
1"=200'

NOTE:

- THE BOUNDARY LINES SHOWN HEREON ARE FOR REFERENCE ONLY. COMPILED FROM CITY AND COUNTY RECORDS.
- THIS MAP DOES NOT SHOW ANY EASEMENTS UNLESS SPECIFIED HEREON.

BENCH MARK

LOS ANGELES COUNTY PUBLIC WORKS
BENCHMARK #: 5Y8240
QUAD YEAR : 2005
ELEVATION : 166.359
DESCRIPTION: USC&GS MON IN NW COR. C. B. 1M(3.3FT) NLY/O
32.6M(107FT) W/O & 17.6M(57.7FT) N/O C/L INT
FLORENCE AVE & TAN PROD PRAIRIE AVE MKD
(K 973-1964)
N= 4949.4739
E= 6179.3657

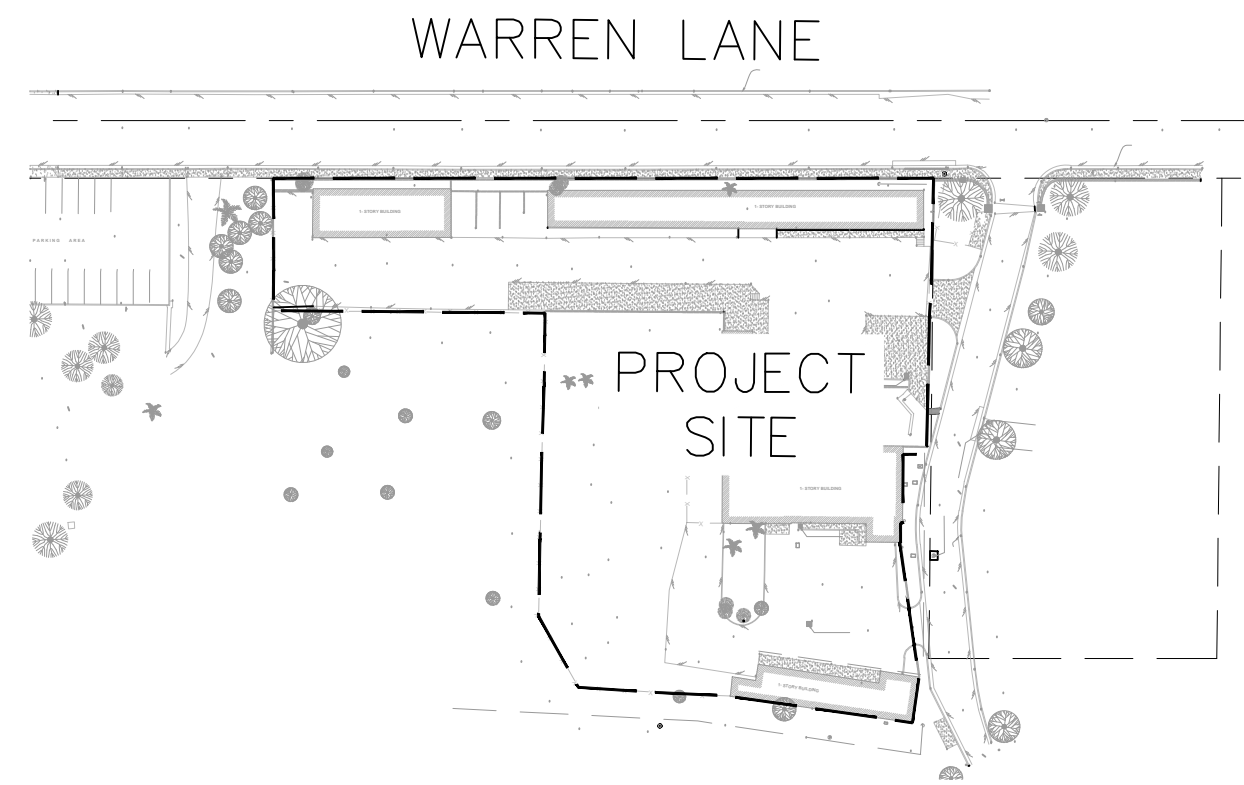
BASIS OF BEARING

THE BEARING OF N 32°55'30" W ON CENTINELA AVE. AS SHOWN IN TRACT NO. 641 M.B. 15 PAGE 138, WAS USED AS THE BASIS OF BEARING FOR THIS MAP.

LEGAL DESCRIPTION

LOT 22 OF TRACT NO. 641, IN THE CITY OF INGLEWOOD, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 15, PAGE 138 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

INDEX OF DRAWINGS	
SHEET NO.	DESCRIPTION
C100	TITLE SHEET GENERAL NOTES
C200	GRADING GENERAL NOTES
C201	GRADING AND DRAINAGE PLAN
C202	GRADING AND LID DETAILS
C300	UTILITY PLAN
C400	EROSION CONTROL GENERAL NOTES
C401	EROSION CONTROL PLAN



INDEX MAP
1"=100'

VINCENT PARK MAINTENANCE FACILITY

700 Warren Lane
Inglewood, CA 90302

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OWNER / CLIENT
CITY OF INGLEWOOD PARKS & REC
11 W Manchester Blvd
Inglewood, CA 90301
T 213 622 1218

ARCHITECT
hansonla ARCHITECTURE
15160 Mindanao Way Suite 219
Marina Del Rey, CA 90292
T 213 880 8515

STRUCTURAL ENGINEER
NOUS ENGINEERING
5555 Eagle Rock Blvd
Los Angeles, CA 90041
T 213 627 6687

MECHANICAL, PLUMBING & ELECTRICAL ENGINEER
SHAMIM ENGINEERING
21700 Oxnard St. Suite 870
Woodland Hills, CA 91367
T 818 7986778

CIVIL ENGINEER
D&D ENGINEERING, INC.
119 W Hyde Park Blvd
Inglewood, CA 90302
T 818 289 1206



STAMP

BAR SCALE

SHEET REVISION DATE

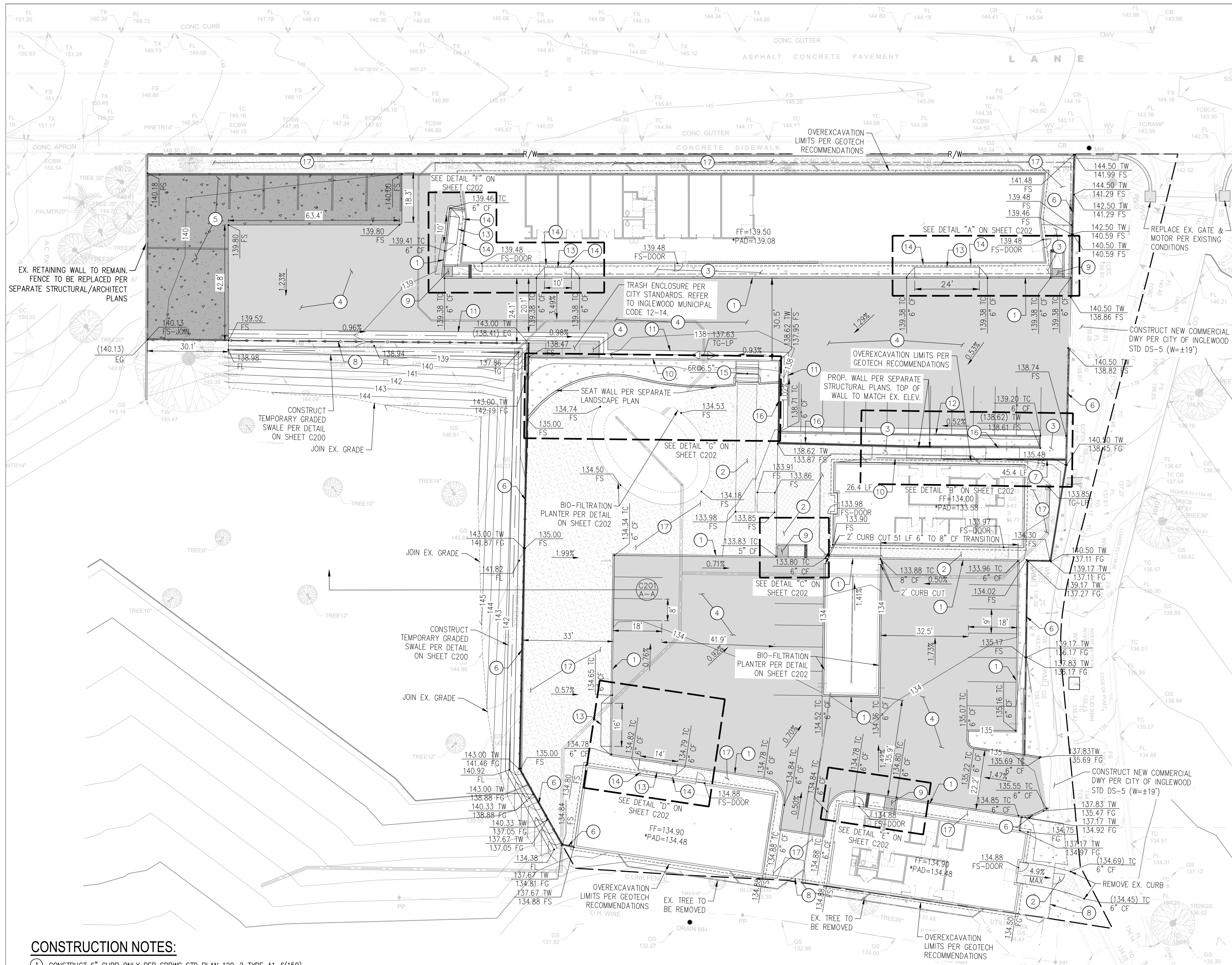
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90% PROGRESS DESIGN 11.21.25
75% PROGRESS DESIGN 11.11.25
60% PROGRESS DESIGN 05.16.25
40% PROGRESS DESIGN 04.15.25
ISSUE DATE

TITLE SHEET
GENERAL NOTES

SCALE: As indicated

C100

DATE
05.12.2025

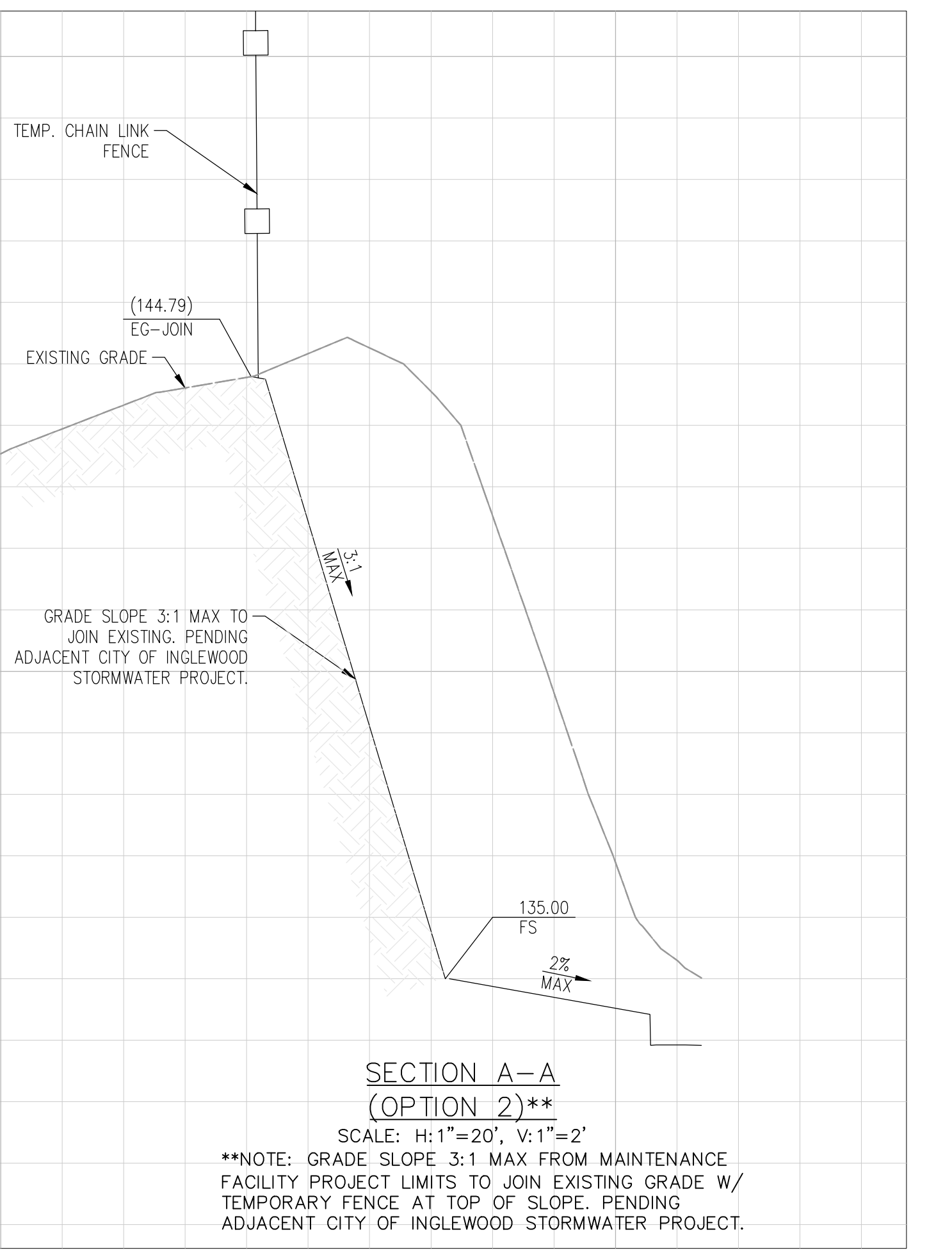
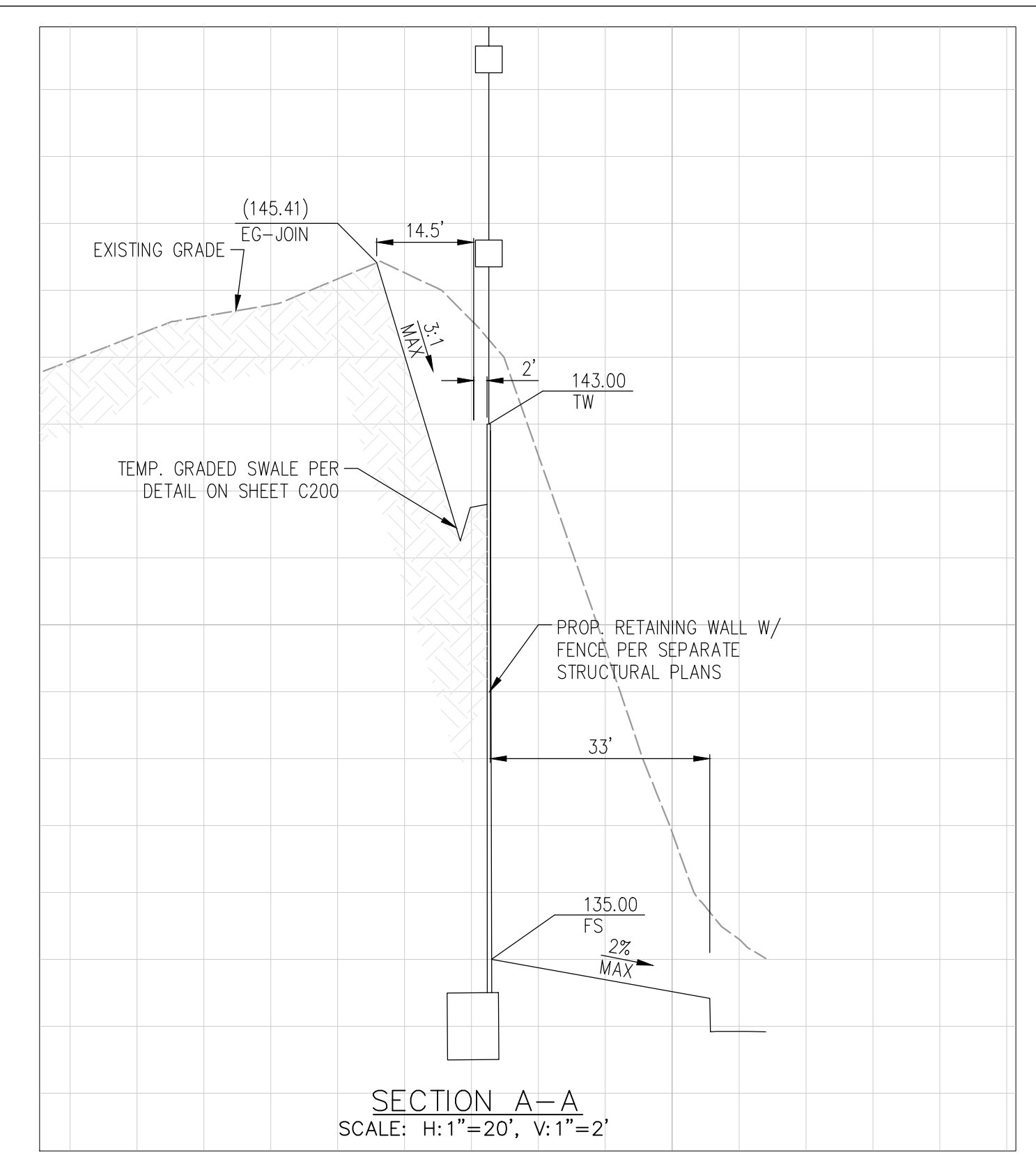


CONSTRUCTION NOTES:

- 1 CONSTRUCT 6" CURB ONLY PER SPPWC STD PLAN 120-2 TYPE A1-(150).
- 2 CONSTRUCT DECORATIVE CONCRETE PER SEPARATE LANDSCAPE PLANS.
- 3 CONSTRUCT 4" PCC SIDEWALK OVER 6" CMB PER SPPWC STD PLAN 112-2. SEE LANDSCAPE PLAN FOR COLOR AND FINISH.
- 4 CONSTRUCT 3" AC OVER 6" CMB PER GEOTECHNICAL REPORT RECOMMENDATIONS.
- 5 CONSTRUCT 7" PCC OVER 4" CMB PER GEOTECHNICAL REPORT RECOMMENDATIONS.
- 6 CONSTRUCT PERIMETER RETAINING WALL WITH FENCE PER SEPARATE STRUCTURAL PLANS (8' MAX RETAINING)
- 7 CONSTRUCT MASONRY RETAINING WALL PER SPPWC 618-3, TYPE B.
- 8 INSTALL FENCE. REFER TO ARCHITECT PLAN FOR DETAIL.
- 9 CONSTRUCT ADA CURB RAMP PER SPPWC STD PLAN 111-5, CASE B, TYPE 1.
- 10 CONSTRUCT DEEPEMED CURB PER DETAIL ON SHEET C200.
- 11 CONSTRUCT LONGITUDINAL GUTTER PER SPPWC STD PLAN 122-3.
- 12 CONSTRUCT 6" CURB AND GUTTER PER SPPWC STD PLAN 120-3 TYPE A2-(150).
- 13 CONSTRUCT DRIVEWAY APPROACH PER SPPWC STD PLAN 110-2 TYPE B.
- 14 INSTALL 6" BOLLARD PER DETAIL ON SHEET C200.
- 15 CONSTRUCT REINFORCED CONCRETE STAIRWAY PER SPPWC 640-4. SEE LANDSCAPE PLAN FOR COLOR AND FINISH.
- 16 EX. WALL TO REMAIN. PROTECT IN PLACE.
- 17 CONSTRUCT STABILIZED DECOMPOSED GRANITE PER SEPARATE LANDSCAPE PLANS.

LEGEND

- CONSTRUCT 7" PCC OVER 4" CMB PER GEOTECHNICAL REPORT RECOMMENDATIONS.
- CONSTRUCT 4" PCC SIDEWALK OVER 6" CMB PER SPPWC STD PLAN 112-2.
- CONSTRUCT 3" AC OVER 6" CMB PER GEOTECHNICAL REPORT RECOMMENDATIONS.
- DECOMPOSED GRANITE PER SEPARATE LANDSCAPE PLANS
- LANDSCAPE PER SEPARATE LANDSCAPE PLANS
- DECORATIVE CONCRETE PER SEPARATE LANDSCAPE PLANS



VINCENT PARK MAINTENANCE FACILITY

100 Wilman Lane
Inglewood, CA 90302

VFP 230309

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OWNER / CLIENT
CITY OF INGLEWOOD PARKS & REC
1 W Manchester Blvd
Inglewood, CA 90301
T 213 622 1218

ARCHITECT
hansonla ARCHITECTURE
19100 Miraflores Way, Suite 219
Marina Del Rey, CA 90411
T 213 880 8515

STRUCTURAL ENGINEER
NOUS ENGINEERING
5050 Eagle Rock Blvd
Los Angeles, CA 90041
T 213 627 6667

MECHANICAL, PLUMBING & ELECTRICAL ENGINEER
SHAMIM ENGINEERING
21700 Onard St, Suite 870
Woodland Hills, CA 91367
T 818 788 6778

CIVIL ENGINEER
D&D ENGINEERING, INC.
119 W Hyde Park Blvd
Inglewood, CA 90302
T 818 289 1206

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90% PROGRESS DESIGN	02.12.26
75% PROGRESS DESIGN	11.21.25
60% PROGRESS DESIGN	11.11.25
40% PROGRESS DESIGN	05.16.25
ISSUE	04.15.25

GRADING AND DRAINAGE PLAN

SCALE: As indicated

C201

DATE
05.12.2025