K. SECURITY NOTES

1. DOORS
   a. DOOR STOPS OF IN-SWINGING DOORS SHALL BE OF ONE PIECE CONSTRUCTION WITH THE JAMB, OR SHALL BE JOINED BY RABBET TO THE JAMB.
   b. ALL PIN-TYPE HINGES WHICH ARE ACCESSIBLE FROM OUTSIDE THE SECURED AREA WHEN THE DOOR IS CLOSED SHALL HAVE NON-REMOVABLE HINGE PINS. IN ADDITION, THEY SHALL HAVE MINIMUM 1/4 INCH PROJECTION UNLESS THE HINGES ARE SHAPED TO PREVENT REMOVAL OF THE DOOR IF THE HINGE PINS ARE REMOVED.
   c. THE METAL STRIKE PLATE FOR LATCHES AND HOLDING DEVICE FOR PROJECTING DEADBOLTS IN WOOD CONSTRUCTION SHALL BE SECURED TO THE JAMB AND THE WALL FRAMING WITH SCREWS NOT LESS THAN 2-1/2 INCHES IN LENGTH.
   d. DEADBOLTS SHALL CONTAIN HARDENED STEEL INSERTS. TO REPEL CUTTING TOOLS.
   e. STRAIGHT DEADBOLTS SHALL HAVE A MINIMUM THROW OF ONE INCH AND AN EMBEDMENT OF NOT LESS THAN 5/8 INCH INTO THE HOLDING DEVICE RECEIVING THE PROJECTED BOLT.
   f. A HOOK-SHAPED OR AN EXPANDING LUG DEADBOLT SHALL HAVE A MINIMUM THROW OF 3/4 INCH.
   g. EXTERIOR DOORS SHALL BE 1-3/4 INCH THICK WITH SOLID CORE CONSTRUCTION.
   h. GLASS DOORS SHALL HAVE FULLY TEMPERED GLASS COMPLYING WITH CHAPTER 24 OF THE UNIFORM BUILDING CODE.
   i. METAL GRILL TYPE DOORS SHALL HAVE A CYLINDER LOCK INSTALLED IN ACCORDANCE WITH THESE PROVISIONS.
2. CYLINDER GUARDS SHALL BE INSTALLED ON ALL CYLINDER LOCKS WHENEVER THE CYLINDER PROJECTS BEYOND THE FACE OF THE DOOR OR IS OTHERWISE ACCESSIBLE TO GRIPPING TOOLS.
3. SLIDING GLASS DOORS AND WINDOWS SHALL BE EQUIPPED WITH LOCKING DEVICES AND SHALL BE SO CONSTRUCTED AND INSTALLED SO THAT THEY REMAIN INTACT AND ENGAGED WHEN SUBJECTED TO THE TEST EQUIVALENT TO THAT SPECIFIED AS FOLLOWS: TESTS SPECIFIED IN LAMC. 91.6731 & 91.6732.
4. ALL UNIT ENTRY DOORS SHALL BE PROVIDED WITH A DOOR VIEWER, VIEWPORTS, OR VIEWING WINDOWS. SUCH VIEW PORTS OR WINDOWS SHALL BE CONSTRUCTED OF FULLY TEMPERED GLASS.
5. ALL UNIT ENTRY DOORS SHALL BE PROVIDED WITH A DEADBOLT TYPE LOCK.
6. INACTIVE LEAVES OF DOUBLE OR FRENCH DOORS SHALL BE SECURED BY AUTOMATIC FLUSHBOLTS IN ALL NON-R-3 OCCUPANCIES.
7. GLAZED OPENINGS WITHIN 40" OF THE DOOR LOCK WHEN THE DOOR IS IN THE CLOSED POSITION, SHALL BE FULLY TEMPERED GLASS OR APPROVED BURGLARY RESISTANT MATERIAL. THE USE OF SECURITY BARS IS PROHIBITED IN THIS CONTEXT.
8. MULLIONS SHALL BE CONSIDERED PART OF AN ADJACENT PANEL UNLESS MULLIONS EXCEED 4" NOMINAL WIDTH AND RAILS EXCEED 5" NOMINAL WIDTH EXCEPT MULLIONS NOT OVER 18" LONG MAY BE 2" IN WIDTH.
9. SCREENS, BARRICADES OR FENCES MADE OF MATERIAL WHICH PRECLUDE HUMAN CLIMBING SHALL BE PROVIDED AT EVERY PORTION OF EVERY ROOF OR BALCONY OR SIMILAR SURFACE WHICH IS WITHIN 8 FEET OF A UTILITY POLE OR SIMILAR STRUCTURE.
10. SLIDING DOORS AND WINDOWS SHALL BE PROVIDED WITH A DEVICE IN THE UPPER CHANNEL OF THE MOVING PANEL TO PROHIBIT THE RAISING AND REMOVING OF THE MOVING PANEL IN THE CLOSED OR PARTIALLY OPEN POSITION.
11. DEADBOLTS WITH HARDENED INSERTS ARE REQUIRED FOR: DEADLOCKING LATCH WITH KEY OPERATED LOCKS ON EXTERIOR, LOCKS SHALL OPEN WITHOUT KEY, SPECIAL KNOWLEDGE OR EFFORT FROM THE INTERIOR; THROW TYPE AND EMBEDMENT OF DEADBOLTS FOR SINGLE SWING DOOR, ACTIVE LEAF OR PAIR DOORS OR THE BOTTOM LEAF OF A DUTCH DOOR.
12. WOOD PANEL TYPE DOORS WITH PANELS FABRICATED OF PANELS NOT LESS THAN 9/16" THICKNESS ON WHICH NO DESIGN SHALL FURTHER REDUCE THE PANEL TO LESS THAN 1/4" THICKNESS, ARE ALLOWED IF THE PANEL AREA DOES NOT EXCEED 300 SQUARE INCHES AND IS SUPPORTED BY STILES AND RAILS OF SOLID WOOD CONSTRUCTION NOT LESS THAN 1-3/8"THK X 3"W.
13. NO GLAZED OPENINGS SHALL BE PRESENT WITHIN 40 INCHES OF A DOOR.
14. LOUVERED WINDOWS ARE PROHIBITED.
16. SAFETY GLAZING:
   A. SHALL BE INSTALLED AT ALL HAZARDOUS LOCATIONS PER THE REQUIREMENTS OF CHAPTER 24 OF THE UNIFORM BUILDING CODE. THE FOLLOWING SUMMARIZES THE HAZARDOUS LOCATIONS:
      1. GLAZING IN INGRESS AND EGRESS DOORS EXCEPT JALOUSIES.
      2. GLAZING IN FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES AND PANELS IN SWINGING DOORS OTHER THAN WARDROBE DOORS
      3. GLAZING IN STORM DOORS
      4. GLAZING IN ALL UNFRAMED SWINGING DOORS
      5. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS. GLAZING IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE A STANDING SURFACE AND DRAIN INLET.
      6. GLAZING IN FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN A 24 INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
      7. GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 5 & 6 ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
         7.1. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQUARE FEET.
         7.2. EXPOSED BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR.
         7.3. EXPOSED TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR.
         7.4. ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.
      8. GLAZING IN RAILINGS REGARDLESS OF HEIGHT ABOVE A WALKING SURFACE. INCLUDED ARE STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN FILL PANELS.

EXCEPTIONS TO ITEMS 16.A.1 THROUGH 16A.8 ABOVE:

1. EXCEPTION: GLAZING IN ITEM 6 WHERE THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER BETWEEN THE DOOR AND THE GLAZING.
2. EXCEPTION: GLAZING IN ITEM 7 WHEN A PROTECTIVE BAR IS INSTALLED ON THE ACCESSIBLE SIDE OF THE GLAZING 34 INCHES TO 38 INCHES ABOVE THE FLOOR. THE BAR SHALL BE CAPABLE OF WITHSTANDING A HORIZONTAL LOAD OF 50 POUNDS PER LINEAR FOOT WITHOUT CONTACTING THE GLASS AND BE A MINIMUM OF 1-1/2 INCHES IN HEIGHT.
3. EXCEPTION: OUTBOARD PANE IN INSULATING GLASS UNITS AND IN OTHER MULTIPLE GLAZED PANELS IN ITEM 7 WHEN THE BOTTOM EXPOSED EDGE OF THE GLASS IS 25 FEET OR MORE ABOVE ANY GRADE, ROOF, WALKING SURFACE OR OTHER HORIZONTAL OF SLOPED (WITHIN 45 DEGREES OF HORIZONTAL) SURFACE ADJACENT TO THE GLASS EXTERIOR.
4. OPENINGS IN DOOR THROUGH WHICH A 3 INCH DIAMETER SPHERE WILL NOT PASS.
5. ASSEMBLIES OF LEADED, FACETED OR CARVED GLASS IN ITEMS 1, 2, 6, AND 7 WHEN USED FOR DECORATIVE PURPOSES.
6. CURVED PANELS IN REVOLVING DOOR ASSEMBLIES.
7. DOORS IN COMMERCIAL REFRIGERATED CABINETS.
8. GLASS BLOCK PANELS COMPLYING WITH SECTION 2110.
9. GLAZING IN WALLS AND FENCES USED AS THE BARRIER FOR INDOOR AND OUTDOOR SWIMMING POOLS AND SPAS WHEN ALL OF THE FOLLOWING CONDITIONS ARE PRESENT:
   9.1. THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE POOL SIDE OF THE GLAZING.
   9.2. THE GLAZING IS WITHIN 5 FEET OF A SWIMMING POOL OR SPA DECK AREA.
10. GLAZING IN WALLS ENCLOSING STAIRWAY LANDINGS OR WITHIN 5 FEET OF THE BOTTOM AND TOP OF STAIRWAYS WHERE THE BOTTOM EDGE OF THE GLASS IS LESS THAN 60 INCHES ABOVE A WALKING SURFACE.

B. GLAZING IN WARDROBE DOORS SHALL MEET THE IMPACT TEST REQUIREMENTS FOR SAFETY GLAZING AS SET FORTH IN U.B.C. STANDARD 24-2, PART II. LAMINATED GLASS MUST ALSO MEET THE BOIL TEST REQUIREMENTS OF U.B.C. STANDARD 24-2, PART II.

EXCEPTION: THE IMPACT TEST SHALL BE MODIFIED SO THAT IF NO BREAKAGE OCCURS WHEN THE IMPACTING OBJECT IS DROPPED FROM THE HEIGHT OF 18 INCHES, THE TEST SHALL PROGRESS IN HEIGHT INCREMENTS OF 6 INCHES UNTIL THE MAXIMUM OF 48 INCHES IS REACHED.

11. WINDOWS SHALL BE DESIGNED IN SUCH A MANNER AS TO PROVIDE RESIDENTS WITH A VIEW OF THEIR IMMEDIATE NEIGHBORHOOD.

J. FIRE DEPARTMENT NOTES

1. PROVIDE FIRE DAMPERS AT DUCT PENETRATIONS THROUGH FIRE RATED WITH EQUIVALENT RATING TO THE WALL PENETRATED.
2. DUCT PENETRATIONS IN ANY FIRE RATED CEILING ASSEMBLY SHALL BE LIMITED TO 100 SQ INCHES PER 100 SF OF CEILING AREA.
3. ACCESS PANELS IN FIRE RATED ASSEMBLIES SHALL BE OF AN APPROVED TYPE.
4. EMERGENCY PATH LIGHTING SHALL BE PROVIDED FROM AN EMERGENCY POWER SYSTEM. THE SYSTEM SHALL PROVIDE NOT LESS THAN ONE FOOTCANDLE ILLUMINATION AT FLOOR LEVEL.
5. EXIT AISLES SHALL NOT BE LESS THAN 44" CLEAR IN WIDTH.
6. EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL WHEN SERVING OCCUPANT LOADS OF 50 PEOPLE OR GREATER.
7. EVERY EXIT DOOR SHALL BE OPENABLE FROM THE OCCUPIED AREA WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE AN APPROVED TYPE.
8. PANIC HARDWARE SHALL BE PROVIDED ON EXIT DOORS SERVING ROOMS, CORRIDORS, OR STAIRWAYS HANDLING AN OCCUPANT CAPACITY OF 50 OR MORE PERSONS, FROM ANY GROUP A ,E, OR I, OCCUPANCY AND 10 OR MORE IN MOTION PICTURE THEATERS. ONLY PANIC HARDWARE APPROVED BY THE STATE FIRE MARSHAL SHALL BE INSTALLED.
9. DOORS OPENING INTO ONE-HOUR-FIRE-RATED CORRIDORS SHALL BE PROTECTED WITH A SMOKE OR DRAFT STOP FIRE ASSEMBLY HAVING A TWENTY MINUTE FIRE RATING.
10. INTERIOR WALL AND CEILING FINISHES FOR ASSEMBLY AREAS SHALL NOT EXCEED A FLAME SPREAD CLASSIFICATION OF 200 (CLASS III).
11. INTERIOR WALL AND CEILING FINISHES FOR EXIT CORRIDORS SHALL NOT EXCEED A FLAME SPREAD CLASSIFICATION OF 75 (CLASS II). INTERIOR WALL AND CEILING FINISHES FOR ENCLOSED STAIRWAY SHALL NOT EXCEED A FLAME-SPREAD CLASSIFICATION OF 25 (CLASS I).
12. FIRE SPRINKLERS SHALL BE PROVIDED THROUGHOUT THE APARTMENT BUILDING PER NFPA 13.
13. FIRE SPRINKLERS SHALL BE PROVIDED THROUGHOUT ALL THE BUILDINGS PER NFPA 13.
14. FIRE SPRINKLER PLANS SHALL BE ENGINEERED SEPARATELY AND UNDER SEPARATE PERMIT.
15. ELECTRONIC FIRE ALARM SYSTEM TO INCLUDE MANUAL PULL STATIONS AND ANNOUNCIATOR.
16. FIRE ALARM PLANS AND CONSTRUCTION SHALL BE UNDER SEPARATE PERMIT. PROVIDE.
17. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FIRE DEPARTMENT INSPECTIONS.
18. FIRE DEPARTMENT SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF DESIRED INSPECTION TIME.
19. FIRE ALARM IS REQUIRED. SUBMIT THREE COPIES OF SYSTEM TO FIRE DEPARTMENT FOR APPROVAL PRIOR TO INSTALLATION.
20. UNPROTECTED OPENINGS ARE PROHIBITED IN ENVELOPE PROTECTION TYPE CEILINGS. ALL DUCT OPENINGS REQUIRE FIRE DAMPERS AND ARE LIMITED IN AREA TO 100 SQ. IN. IN ANY 100 SQ. FT. OF CEILING. ACCESS OPENINGS REQUIRE 1-HOUR FIRE RATED ASSEMBLIES WITH CLOSING DEVICES APPROVED BY THE DEPARTMENT.
21. OPENINGS WITHIN 10 FEET OF EXIT STAIRS SHALL BE 45 MINUTE PROTECTED, IF WATER CURTAIN IS USED IN LIEU OF THE PROTECTION, THEN A MODIFICATION SHOULD BE APPROVED.
22. PROVIDE HIGH AND LOW LEVEL EXIT SIGNS FOR INTERIOR CORRIDORS.
23. PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A OR 2A10BC WITHIN 75 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR; ALSO DURING CONSTRUCTION.
24. PROVIDE PORTABLE FIRE EXTINGUISHER WITH A RATING NOT LESS THAN 10BC FOR KITCHEN ELECTRICAL ROOM, MECHANICAL ROOM, OR PARKING GARAGE.
25. ANY DECORATIONS USED SHALL BE NON-COMBUSTIBLE OR FLAME-RETARDANT TREATED IN AN APPROVED MANNER (CURTAINS, DRAPES, SHADES, HANGINGS, ETC.) (L.A.M.C. 57.22)
26. PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR.
27. FIRE DEPARTMENT STANDPIPE AND SPRINKLER CONNECTION LOCATIONS SHALL BE INSTALLED IN AN AREA APPROVED BY THE FIRE DEPARTMENT.
28. PROVIDE AUTOMATIC SPRINKLER SYSTEM AT TOP OF RUBBISH CHUTE AND TERMINAL ROOM AT EVERY OTHER FLOOR.
29. FIRE DEPARTMENT ACCESS, FIRE HYDRANTS, AND FIRE FLOW REQUIREMENTS ON THIS PROJECT SHALL BE REVIEWED BY THE HYDRANT UNIT, LOS ANGELES FIRE DEPARTMENT, 200 NORTH MAIN STREET, CITY HALL EAST, ROOM 902 (213) 485-5964.
30. A FIRE ALARM (VISUAL AND AUDIBLE) SYSTEM IS REQUIRED. THE ALARM SYSTEM MUST BE APPROVED BY THE FIRE DEPARTMENT AND ELECTRICAL PLAN CHECK PRIOR TO INSTALLATION.
31. INTERIOR WALL AND CEILING FINISHES FOR ENCLOSED STAIRWAY SHALL NOT EXCEED A FLAME-SPREAD CLASSIFICATION OF 25 (CLASS 1).
32. ANY DECORATIONS USED SHALL BE NON-COMBUSTIBLE OR FLAME-RETARDANT TREATED IN AN APPROVED MANNER (CURTAINS, DRAPES, SHADES, HANGINGS, ETC.) (L.A.M.C. 57.22)
33. PROVIDE EXIT SIGNS AND DIRECTIONAL EXIT SIGNS WITH A MINIMUM 5 FT. CANDLE, 6" HIGH BY 3/4" STROKE BLOCK LETTERS ON A CONTRASTING BACKGROUND. BACKGROUND. SPACING BETWEEN SIGNS SHALL NOT EXCEED 200 FEET. (L.A.M.C. 57.33 C.C.R. TITLE 24, PART 2, CHAP. 10)
34. WHENEVER THE BUILDING IS OCCUPIED, EXIT SIGNS SHALL BE LIGHTED SO THAT THEY ARE CLEARLY VISIBLE. (L.A.M.C. 57.33)
35. ROOF OBSTRUCTION SUCH AS TELEVISION ANTENNA GUY WIRE, SOLAR PANEL, AND RAZOR RIBBON SHALL NOT PREVENT FIRE DEPARTMENT ACCESS OR EGRESS IN THE EVENT OF A FIRE. (L.A.M.C. 57.12)
36. PROVIDE COLLISION BARRIERS ADEQUATE TO PROTECT CONTROL METERS, REGULATIONS, AND PIPING FOR HAZARDOUS MATERIALS THAT ARE EXPOSED TO VEHICULAR DAMAGE. (L.A.M.C. 57.20)
37. ROOF COVERING SHALL BE FIRE RETARDANT, PER CHAPTER 15, U.B.C.
38. CONSPICUOUSLY MARK GAS SHUT-OFF VALVE.
39. EXIT PATH LIGHTING SHALL BE PROVIDED FOR STAIRWAY, HALLWAY, EXIT PASSAGEWAY AND EGRESS TO A PUBLIC WAY ANY TIME THE BUILDING IS OCCUPIED. (L.A.M.C. 57.33)
40. GLAZING INSTALLED IN ONE-HOUR CORRIDOR MUST BE 1/4" WIRED GLASS IN STEEL FRAMES, AND SHALL NOT EXCEED 25% OF CORRIDOR/ROOM COMMON WALL. (TITLE 24, C.C.R.)
42. STAIRWAY NUMBERING SYSTEM IS PROVIDED FOR THIS PROJECT. (FOUR OR MORE STORIES PER L.A. CITY FIRE CODE, MIN. THREE OR MORE STORIES PER U.B.C.). SEE DETAILS.
43. FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED ON ADDRESS SIDE OF BUILDING. SEE PLANS.
44. PROVIDE EXIT SIGNS AS DEPICTED, SEE PLANS FOR PLACEMENT.
45. ESCAPE OR RESCUE WINDOWS SHALL HAVE A MINI CLEAR AREA OF 5.7 SQ. FT., THE MIN CLEAR OPENABLE HEIGHT SHALL BE 24" AND THE CLEAR OPENABLE WIDTH SHALL BE 20", SILL HEIGHT SHALL NOT BE OVER 44" A.F.F.
46. ROOMS FOR PERSONS WITH HEARING IMPAIRMENTS SHALL BE PROVIDED WITH VISIBLE AND AUDIBLE ALARM INDICATING APPLIANCES, ACTIVATED BY BOTH THE IN-ROOM SMOKE DETECTORS AND THE BUILDING FIRE ALARM SYSTEM. PROVIDE ONE PER 25 UNITS OR FRACTION THEREOF.
47. EXIT COURT PASSAGEWAY THROUGH BUILDING SHALL HAVE WALL, FLOOR AND CEILING OF ONE HOUR CONSTRUCTION WITH NO OPENINGS EXCEPT REQUIRED EXIT OPENINGS PROTECTED WITH 3/4 HOUR FIRE ASSEMBLIES.
48. EXIT COURTS LESS THAN 10 FEET IN WIDTH SHALL BE OF ONE HOUR CONSTRUCTION AND OPENINGS SHALL BE 45 MIN PROTECTED. IF WATER CURTAIN IS USED IN LIEU OF THE PROTECTION, THEN A MODIFICATION SHOULD BE APPROVED.
49. GLASS LINK STAND PIPES ARE REQUIRED IN BUILDINGS FOUR OR MORE STORIES IN HEIGHT. TABLE 9-A
50. CORRIDOR/ HALLWAY SHALL BE SO ARRANGED THAT IT IS POSSIBLE TO GO IN EITHER DIRECTION FROM ANY POINT IN A CORRIDOR/ HALLWAY TO A SEPARATE EXIT. (SECTION 1004.2.6)
51. CORRIDORS SHALL NOT BE INTERRUPTED BY INTERVENING ROOMS. (SECTION 1004.3.4.4)
52. PROVIDE ONE-HOUR FIRE RESISTIVE CONSTRUCTION FOR THE CORRIDORS (WALLS AND CEILINGS) (SECTION 1004.3.4.3)
53. RUBBISH ROOMS SHALL BE OF ONE-HOUR FIRE-RESISTIVE CONSTRUCTION AND BE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM. (L.A.M.C. 57.21) SPRINKLERS PER 904.2.1
54. ROOF COVERING SHALL CONFORM WITH TABLE 15A (L.A.M.C. 91.1501)
55. AISLES LEADING TO REQUIRED CORRIDORS AND EXITS SHALL HAVE A MINIMUM WIDTH OF 44".
56. MEANS OF EGRESS SHALL BE ILLUMINATED AT A MINIMUM INTENSITY OF 1 FOOT-CANDLE AT THE FLOOR LEVEL.
57. MEANS OF EGRESS ILLUMINATION SHALL BE PROVIDED FROM AN EMERGENCY POWER SYSTEM.

15. FLOOR / CEILING ASSEMBLIES SHALL HAVE BEEN TESTED AND APPROVED FOR A SOUND TRANSMISSION CLASS (STC) RATING AND AN IMPACT ISOLATION CLASS (IIC) OF NOT LESS THAN FORTY FIVE (45).
16. PARTITION / SOUND WALLS SHALL HAVE BEEN TESTED AND APPROVED FOR A STC RATING OF NOT LESS THAN OR MAY BE FIELD TESTED TO AN STC OF 45 MINIMUM.
17. PROVIDE SOUND CONTROL AT KITCHEN AND BATHROOM FLOOR/CEILING ASSEMBLIES PER LA CITY RGA 1-79.

F. ENERGY CONSERVATION NOTES

1. THESE BUILDINGS MEET THE DESIGN REQUIREMENTS OF CALIFORNIA TITLE 24, PART 2, CHAPTER 2-53.
2. THE INSULATION INSTALLER SHALL DELIVER TO THE OWNER A CERTIFICATE SIGNED BY THE INSTALLER AND BUILDER STATING THAT THE INSTALLATION CONFORMS TO THE REQUIREMENTS OF CALIFORNIA TITLE 24, PART 2, CHAPTER 2-53 AND THAT THE MATERIALS INSTALLED CONFORM TO THE REQUIREMENTS OF TITLE 20, CHAPTER 2, SUBCHAPTER 4, ARTICLE 3.
3. ALL INSULATION MATERIALS SHALL BE CERTIFIED BY THE MANUFACTURER AS COMPLYING WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIALS.
4. DOORS AND WINDOWS BETWEEN CONDITIONED AND OUTSIDE OR UNCONDITIONED SPACES SUCH AS GARAGES AND COMPARTMENTS FOR CENTRAL AIR GAS FURNACES SHALL BE FULLY WEATHER-STRIPPED.
5. MANUFACTURED DOORS AND WINDOWS SHALL BE CERTIFIED AND LABELED IN COMPLIANCE WITH THE APPROPRIATED INFILTRATION STANDARDS LISTED IN TABLE 2-53v OF THE ENERGY REGULATIONS.
6. ALL FAN SYSTEMS EXHAUSTING AIR FROM THE BUILDING SHALL BE PROVIDED WITH BACKDRAFT DAMPERS
7. CAULK AROUND ALL PLUMBING AND ELECTRICAL PENETRATIONS INTO THE BUILDING ENVELOPE.
8. CAULK AND SEAL AROUND ALL WINDOW AND DOOR FRAMES AND BETWEEN WALL SOLE PLATES AND FLOORS AND BETWEEN EXTERIOR WALL PANELS.
9. DUCTS SHALL BE CONSTRUCTED, INSTALLED AND INSULATED ACCORDING TO CHAPTER 6 OF THE UNIFORM MECHANICAL CODE, CURRENT EDITION. ALL JOINTS OF THE DUCT SYSTEM SHALL BE TIGHTLY SEALED WITH MASTIC OR TAPE.
10. PROVIDE MINIMUM R-3 INSULATION ON WATER HEATER INLET AND OUTLET PIPE FOR THE FIRST FIVE FEET IN UNCONDITIONED SPACE.
11. INSULATE RECIRCULATING HOT WATER PIPING IN UNHEATED SPACES.
12. GAS FIRED HOUSEHOLD HEATING AND COOLING APPLIANCES, SHOWER HEADS, AND FAUCETS SHALL COMPLY WITH THE APPLIANCE EFFICIENCY STANDARDS.
13. GENERAL LIGHTING IN KITCHEN AND BATHROOMS SHALL HAVE AN EFFICIENCY OF NOT LESS THAN 25 LUMENS/WATT.

G. GENERAL MECHANICAL NOTES

1. ALL BATHROOMS WITHOUT OPERABLE WINDOWS SHALL BE PROVIDED WITH A MECHANICAL EXHAUST SYSTEM CAPABLE OF FIVE AIR CHANGES PER HOUR.
2. THE DISCHARGE POINT FOR EXHAUST AIR MUST BE AT LEAST THREE FEET FROM ANY OPENING WHICH ALLOWS AIR ENTRY INTO OCCUPIED PORTIONS OF THE BUILDING.
3. WHERE MECHANICAL VENTILATION IS PROVIDED IN LIEU OF NATURAL VENTILATION, NOT LESS THAN TWO AIR CHANGES PER HOUR SHALL BE PROVIDED WITH A MINIMUM OF 15 C.F.M. OF OUTSIDE AIR PER OCCUPANT PER U.B.C. SEC. 1203.3.
4. SHOWER HEADS SHALL BE LOW FLOW TYPE.
5. UNPROTECTED OPENINGS ARE PROHIBITED IN ENVELOPE PROTECTION TYPE CEILINGS. ALL DUCT OPENINGS REQUIRE FIRE DAMPERS AND ARE LIMITED IN AREA TO 100 SQ. IN. IN ANY 100 SQ. FT. OF CEILING. ACCESS OPENINGS REQUIRE 1-HOUR FIRE RATED ASSEMBLIES WITH CLOSING DEVICES APPROVED BY THE DEPARTMENT.

H. PLUMBING NOTES

1. AN APPROVED SEISMIC GAS SHUTOFF VALVE SHALL BE INSTALLED ON EACH FUEL GAS LINE TO ALL NEW BUILDINGS AND STRUCTURES, PURSUANT TO ORDINANCE NO. 170,158.
2. ALL TOILETS SHALL BE LOW CONSUMPTION (1.6 G.P.F. MAX)
3. PROVIDE CONSPICUOUSLY MARKED OUTSIDE GAS SHUT-OFF VALVE.

I. ELECTRICAL NOTES

1. ALL WORK SHALL BE DONE UNDER SEPARATE PERMIT BY A DULY LICENSE ELECTRICAL CONTRACTOR.
2. ALL WORK SHALL BE DONE UNDER SEPARATE PERMIT IN STRICT COMPLIANCE WITH APPLICABLE LOCAL, STATE AND NATIONAL CODES.
3. THE LAYOUT OF ELECTRICAL FIXTURES AND RECEPTACLES IS FOR INFORMATIONAL PURPOSES ONLY. ELECTRICAL PLANS SHALL BE ENGINEERED, PLAN CHECKED AND PERMITTED BY OTHERS.
4. FEATURES WHICH ARE NOT SHOWN ON THE PLANS, BUT WHICH ARE REQUIRED BY SPECIFIC (NEC, BMC, ETC.) NON BUILDING CODES SHALL BE PART OF THE WORK.
5. PROVIDE A MINIMUM OF TWO ELECTRICAL PANELS EACH WITH A SEPARATE METER FOR GENERAL POWER. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING TO BUILDING MAIN ELECTRICAL SERVICE.
6. ELECTRICAL CONTRACTOR SHALL FURNISH EXPANDED IN PHASE TRANSFORMER PER TENANT REQUIREMENTS AS PART OF THE WORK.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE BUS AND WIRE TRAY AS INDICATED ON THE PLANS.
8. ALL POWER WIRING SHALL BE ENCLOSED IN MINIMUM 3/4 " FLEXIBLE METAL CONDUIT. OUTLETS SHALL BE PLACED 12"AFF UNLESS NOTED OTHERWISE.
9. ALL WIRING SHALL RUN CONCEALED IN WALLS OR ABOVE CEILING. ELECTRICAL CONTRACTOR SHALL PERFORM ALL CHOPPING, CUTTING DRILLING AND CORING NECESSITATED BY THE INSTALLATION OF HIS WORK.
10. ELECTRICAL CONTRACTOR SHALL PROVIDE WIRING AND POWER TO HVAC AND APPLIANCES REQUIRED BY PLANS. COORDINATE WITH HVAC AND PLUMBING CONTRACTOR FOR LOCATION AND POWER REQUIREMENTS.
11. PROVIDE CONDUIT IN WALLS AND RINGS ONLY FOR TELEPHONE RECEPTACLES. TELEPHONE WIRING AND COVERPLATES BY OTHERS. COORDINATE WITH TENANT FOR TELEPHONE SYSTEM POWER REQUIREMENTS.
12. ALL RECESSED CAN FIXTURES SHALL BE INSTALLED CENTERED IN THE CEILING GRID PANEL AND WIRED FOR 150 WATTS.
13. PROVIDE LAMPS FOR ALL FIXTURES.
14. ALL SWITCHES SERVING FOUR BULB FIXTURES SHALL BE DOUBLE SWITCHED
15. ALL INCANDESCENT FIXTURES SHALL BE PROVIDED WITH DIMMERS.
16. THE TENANT IS SOLELY RESPONSIBLE FOR TELEPHONE SERVICE INSTALLATION IN COORDINATION WITH GENERAL CONTRACTOR.
17. ALL FIXTURES SHALL BE UL LISTED AND CURRENT C.E.C. CERTIFICATION.
18. SEE FIRE NOTES FOR ADDITIONAL REQUIREMENTS.
19. PARKING AREAS, AND SERVICE ROOMS SERVING DWELLING UNITS OR SHALL BE PROVIDED WITH LIGHTS WHICH HAVE A MINIMUM SURFACE ILLUMINATION OF 0.2 FOOTCANDLES. HOWEVER EXTERIOR LIGHTING WHICH IS BRIGHTER THAN 2 FOOT CANDLES AND AFFECTING ADJACENT RESIDENTIAL PROPERTIES SHALL BE ACTIVATED BY MOTION SENSORS FOR A PERIOD NOT TO EXCEED 20 MINUTES. EXTERIOR LIGHTING SHALL BE PROVIDED FOR AREAS ACCESSORY TO APARTMENT HOUSES, SUCH AS DRIVEWAYS, SIDE YARDS, WALKWAYS, RECREATION AREAS, AND SIMILAR LOCATIONS. EVERY DOOR IN A SECURITY OPENING FOR AN APARTMENT HOUSE SHALL BE PROVIDED WITH LIGHTING ON THE EXTERIOR SIDE OF THE UNIT WHICH HAVE A MINIMUM SURFACE ILLUMINATION OF 0.2 FOOTCANDLES AT THE SECURITY OPENING.

A. GENERAL PROJECT NOTES

1. WORK SHALL COMPLY WITH ALL LAWS, RULES AND REGULATIONS AS REQUIRED BY THE STATE OF CALIF, THE COUNTY OF LOS ANGELES, THE CITY OF LOS ANGELES, AND ANY AND ALL OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
2. WORK SHALL COMPLY WITH THE LATEST MODEL CODES (CALIFORNIA BUILDING CODE, LOS ANGELES BUILDING CODE, UNIFORM MECHANICAL CODE, UNIFORM PLUMBING CODE, NATIONAL ELECTRICAL CODE, ETC.), INCLUDING ALL REVISIONS AND AMENDMENTS, AS ADOPTED BY ANY AND ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
3. OWNER/BUILDER SHALL OBTAIN A PERMIT FOR A PROTECTION FENCE OR CANOPY ON OR OVER ANY STREET OR PUBLIC SPACE.
4. ALL FINISHED GRADE AREAS AROUND BUILDINGS SHALL SLOPE AWAY FROM BUILDINGS AT TWO PERCENT MINIMUM.
5. ALL PROPERTIES SHALL BE ADDRESSED. PROVIDE SIX INCH HIGH PLAIN BLOCK NUMBERS AND/OR LETTERS OF CONTRASTING COLOR MOUNTED ON THE STRUCTURES FACING THE STREET TO WHICH THEY ARE ADDRESSED. OBTAIN FIRE DEPARTMENT APPROVAL PRIOR TO INSTALLATION.
7. PROVIDE CONSPICUOUSLY MARKED OUTSIDE GAS SHUT-OFF VALVE.

B. GENERAL CONSTRUCTION NOTES

1. ALL UNFINISHED CONCRETE SURFACES SHALL HAVE A BROOM FINISHED, NON-SLIP SURFACE. MAXIMUM SLOPE 1:20.
2. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WITH AN APPROVED PRESERVATIVE.
3. GRADE D WATERPROOF BUILDING PAPER WITH A NINETY MINUTE RATING SHALL BE INSTALLED OVER ALL WOOD FRAMING AT ALL EXTERIOR WALLS. TWO LAYERS ARE REQUIRED OVER SHEATHING.
4. PROVIDE FORTY TWO INCH HIGH GUARDRAILS FOR PORCHES, BALCONIES AND OPEN SIDES OF LANDINGS AND STAIRS. THIRTY SIX INCH HIGH GUARDRAILS ARE ACCEPTABLE WITHIN AN INDIVIDUAL DWELLING UNIT. OPEN RAILINGS MUST BE CONSTRUCTED SO THAT A FOUR INCH SPHERE CANNOT PASS BETWEEN OBSTRUCTIONS.
6. TELEVISION ANTENNA CROSS ARMS OR OTHER ROOF OBSTRUCTIONS SHALL BE LOCATED A MINIMUM OF SEVEN FEET ABOVE FINISHED ROOF SURFACE.
7. STRUCTURAL WOOD PANEL SHEAR WALLS SHALL BE COVERED WITH MINIMUM 2 LAYERS 15# FELT UNDERLAYMENT PRIOR TO PLACING OF FINISH MATERIAL.
8. PROVIDE APPROVE DAMP-PROOFING FOR ALL WALLS BELOW GRADE THAT ENCLOSE H