G15A4 THERE SHALL BE NO VENTILATING OR CONDITIONED AIR DUCTS LOCATED IN SOUND RATED ASSEMBLIES.

G15A5 SOUND PRODUCING DEVICES SUCH AS SPEAKERS OR FANS SHALL NOT BE PERMITTED IN THE SOUND RATED ASSEMBLIES.

G15B1 ALL RIGID CONDUIT, DUCTS, PLUMBING PIPES AND APPLIANCE VENTS LOCATED IN SOUND RATED ASSEMBLIES SHALL BE ISOLATED FROM THE BUILDING CONSTRUCTION BY MEANS OF RESILIENT SLEEVES, MOUNTS OR 1/4 INCH MINIMUM THICKNESS RESILIENT MATERIAL APPROVED BY ARCHITECT.

G15B2 PREFABRICATED TUB UNITS AND SHOWER UNITS TO BE PROVIDED BY MANUFACTURER COMPLETE WITH ALL ACCESSORIES, INCLUDING HANDICAPPED ACCESSIBLE GRAB BARS AND SEATS WHEN CALLED FOR IN THE DRAWINGS. SEE PLANS FOR PREFABRICATED TUB AND SHOWER LOCATIONS.

G15C1 LOCATE SPRINKLER HEADS 3'-0" MIN. FROM DIFFUSERS AND 5'-0" FROM DOORS.

G15C2 FOR SPRINKLER HEAD LOCATIONS, SEE FIRE PROTECTION DRAWINGS. COORDINATE WITH OTHER DISCIPLINES AND RESOLVE CONFLICTS IN CONSULTATION WITH ARCHITECT AND AFFECTED DESIGN TEAM MEMBERS PRIOR TO INSTALLATION.

16 – ELECTRICAL

G16B1 ALL EXIT WAYS SHALL BE ILLUMINATED BY A SUITABLY ATTACHED, APPROVED EMERGENCY LIGHTING SYSTEM TO OPERATE WHEN THE POWER SOURCE IS INTERRUPTED. PROVIDE HIGH AND LOW EXIT SIGN LIGHTS AT EACH EXIT

G16C1 AN APPROVED FIRE ALARM SYSTEM SHALL BE PROVIDED AS PART OF A TOTAL CAMPUS SYSTEM PER APPLICABLE CODES AND AND SHALL BE INTERCONNECTED BETWEEN BUILDINGS WHEN REQUIRED BY AUTHORITIES WITH JURISDICTION OVER THE WORK. COORDINATE ELECTRICAL, SECURITY, FIRE ALARM, AND FIRE PROTECTION SYSTEMS.

G16C2 LOCATE SMOKE DETECTORS AS SHOWN EXCEPT AS FOLLOWS:

A. 3 FEET MINIMUM FROM SUPPLY OR RETURN REGISTERS.

B. 2 FEET MINIMUM AND 5 FEET MAXIMUM FROM AUTOMATIC DOORS.

G16D1 ELECTRICAL OUTLET BOXES IN OPPOSITE FACES OF SOUND RATED WALLS SHALL BE SEPARATED BY TWENTY FOUR INCHES MINIMUM DISTANCE. BACKS AND SIDES OF BOXES SHALL BE SEALED WITH 1/8 INCH MINIMUM MOLDABLE, SELF-ADHERING SEALANT ("LOWREY CLAY PADS" OR SIMILAR ACOUSTICAL/FIRE PENETRATION SEALANT) AND BACKED WITH TWO INCHES MINERAL FIBER OR GLASS FIBER INSULATION.

GENERAL NOTE USAGE STATEMENT

GENERAL NOTES ARE USED IN THESE ARCHITECTURAL DOCUMENTS TO CONVEY ARCHITECTURAL REQUIREMENTS AS WELL AS GENERAL BUILDING SYSTEMS AND COMPONENT INTERFACES WHICH ARE COVERED AND DESCRIBED ELSEWHERE IN OTHER TEAM MEMBER'S DOCUMENTS.

GENERAL NOTE REFERENCES TO SYSTEMS, COMPONENTS, AND THE WORK OF OTHER TEAM MEMBERS IS FOR COORDINATION ONLY.

REFER TO EACH RESPECTIVE TEAM MEMBER'S DOCUMENTS FOR SPECIFIC SYSTEM AND COMPONENT INFORMATION AND REQUIREMENTS.

THE GENERAL NOTES ON THIS MASTER SHEET APPLY THROUGHOUT THE DRAWINGS AND ARE GENERALLY APPLICABLE TO THE WORK AT LARGE.

FOR USER CONVENIENCE, GENERAL NOTE SUB-GROUPINGS HAVE BEEN EXTRACTED ON A "PER SHEET CATEGORY" BASIS AND APPEAR THROUGHOUT THE SET.

THESE EXTRACTED SUB-GROUPINGS ARE MEANT TO CLARIFY AND REINFORCE INFORMATION GIVEN ON A GIVEN SHEET OF THE DRAWINGS AND ARE NOT NECESSARILY COMPREHENSIVE.

EXTRACTED SUB-GROUPINGS ARE ALWAYS SUBORDINATE TO THIS MASTER GENERAL NOTE SHEET.

G11 – EQUIPMENT

G11A1 CONTRACTOR SHALL COORDINATE ALL EQUIPMENT ROUGH-IN REQUIREMENTS IN CONSULTATION WITH EQUIPMENT MANUFACTURERS.

G11A2 FIRE EXTINGUISHERS SHALL BE PROVIDED AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTORS AND AS SHOWN ON PLANS. TRAVEL DISTANCE SHALL NOT BE MORE THAN 75' TO ANY FIRE EXTINGUISHER LOCATION.

G12 – FURNISHINGS

RESERVED

G13 – SPECIAL CONSTRUCTION

RESERVED

G14 – CONVEYING SYSTEMS

G14A1 IN ADDITION TO THE REQUIREMENTS SUMMARIZED BELOW, ELEVATORS AND CONTROLS ARE TO BE INSTALLED IN ACCORDANCE WITH CHAPTER 30 OF THE UNIFORM BUILDING CODE, LATEST ADOPTED EDITION, AND APPLICABLE REVISIONS AND ADDITIONS IN THE CALIFORNIA BUILDING CODE, LATEST ADOPTED EDITION.

G14A2 ELEVATORS ARE REQUIRED TO STOP WITHIN ONE-HALF INCH (1/2") OF THE FINISHED FLOOR LEVEL, AND BE MAINTAINED LEVEL DURING NORMAL LOADING AND UNLOADING. THE CLEARANCE BETWEEN CAR PLATFORM SILL AND EDGE OF HOISTWAY LANDING SHALL BE ONE AND ONE-QUARTER INCH (1-1/4") MAXIMUM.

G14A3 EVERY FLOOR LEVEL IS REQUIRED TO HAVE ACCESS TO ELEVATORS WHICH WILL ACCOMMODATE AN AMBULANCE STRETCHER. MINIMUM CLEAR CAB DIMENSIONS ARE TO BE EIGHTY INCHES (80") BY FIFTY FOUR INCHES FOR CENTER OPENING DOORS AND SIXTY EIGHT INCHES (68") BY FIFTY FOUR INCHES (54") FOR SIDE-SLIDE OPENING DOOR. MINIMUM DISTANCE FROM WALL TO RETURN PANEL SHALL BE FIFTY ONE INCHES (51").

G14A4 ~~ELEVATOR DOOR WIDTH SHALL BE FORTY TWO INCHES (42")~~ MINIMUM. ELEVATOR CAB DOOR NO. 2 OPENS FROM THE CENTER. ELEVATOR CAB DOOR NOS. 1,3,4 AND 5 OPEN FROM THE SIDE.

G14A5 ELEVATOR CABS ARE TO HAVE A HANDRAIL ACROSS THE BACK WALL LOCATED AT THIRTY-TWO INCHES (32") A.F.F. AND ONE AND ONE-HALF INCH (1-1/2") MINIMUM CLEAR FROM THE WALL.

G14A6 ELEVATOR FLOOR BUTTONS SHALL BE WITHIN FOUR FEET-SIX INCHES (4'6") OF THE CAR FLOOR FOR SIDE APPROACH AND FORTY EIGHT INCHES (48") FOR FRONT APPROACH.

G14A7 EXCEPT FOR PHOTO ELECTRIC TUBE BYPASS SWITCHES, EMERGENCY CONTROLS, INCLUDING THE EMERGENCY STOP AND ALARM, SHALL BE GROUPED IN OR ADJACENT TO THE BOTTOM OF THE PANEL, AND SHALL BE NO LOWER THAN TWO FEET INCHES (2'11") FROM THE FLOOR. FOR MULTIPLE CONTROLS ONLY, ONE SET MUST COMPLY WITH THESE HEIGHT REQUIREMENTS.

G14A8 PASSENGER ELEVATOR CAR CONTROLS SHALL HAVE A MINIMUM DIMENSION OF THREE-QUARTER INCH (3/4"), AND SHALL BE RAISED A MINIMUM OF ONE-EIGHTH INCH (1/8"). CONTROL BUTTONS SHALL BE ILLUMINATED, HAVE SQUARE SHOULDERS, AND SHALL BE ACTIVATED BY A DETECTABLE MECHANICAL MOTION. ALL CONTROL BUTTONS SHALL BE DESIGNATED BY A FIVE-EIGHTH INCH (5/8") MINIMUM, ARABIC NUMERAL, STANDARD ALPHABET CHARACTER, OR STANDARD SYMBOL LOCATED IMMEDIATELY TO THE LEFT OF THE CONTROL BUTTON. A BRAILLE SYMBOL SHALL BE LOCATED IMMEDIATELY BELOW THE NUMERAL, LETTER OR SYMBOL. THREE-EIGHTS INCH (3/8") MINIMUM OR OTHER SUITABLE MEANS OF SEPARATION BETWEEN ROWS OF CONTROL BUTTONS. CONTROL BUTTONS SHALL BE ILLUMINATED, HAVE SQUARE SHOULDERS, AND BE ACTIVATED BY A MECHANICAL MOTION THAT IS DETECTABLE.

G14A9 THE RAISED CHARACTERS SHALL BE WHITE ON A BLACK BACKGROUND. CONTROLS AND EMERGENCY EQUIPMENT IDENTIFIED BY RAISED SYMBOLS SHALL INCLUDE, BUT NOT BE LIMITED TO, DOOR OPEN, DOOR CLOSE, ALARM BELL, EMERGENCY STOP, AND TELEPHONE. THE CALL BUTTON FOR THE MAIN ENTRY FLOOR SHALL BE DESIGNATED BY A RAISED STAR AT THE LEFT OF THE FLOOR DESIGNATION.

G14A10 THE EMERGENCY TELEPHONE HANDSET SHALL BE POSITIONED NO HIGHER THAN FOUR FEET (4') ABOVE THE FLOOR, AND THE HANDSET CORD SHALL BE A MINIMUM OF TWO FEET-FIVE INCHES (2'-5") IN LENGTH.

G14A11 CALL OPERATION BUTTONS SHALL BE WITHIN THREE FEET-SIX INCHES (3'-6") OF THE FLOOR. BUTTONS SHALL BE A MINIMUM OF THREE-QUARTER INCH (3/4") IN SIZE, AND SHALL BE RAISED A MINIMUM OF ONE-EIGHTH INCH (1/8"). VISUAL INDICATION SHALL BE PROVIDED TO SHOW EACH CALL REGISTERED AND EXTINGUISHED WHEN ANSWERED. OBJECTS ADJACENT TO, AND BELOW, HALL CALL BUTTONS SHALL NOT PROJECT MORE THAN FOUR INCHES (4") FROM THE WALL.

G14A12 PASSENGER ELEVATOR LANDING JAMBS ON ALL ELEVATOR FLOORS SHALL HAVE THE NUMBER OF THE FLOOR DESIGNATED BY RAISED ARABIC NUMERALS (A MINIMUM OF TWO INCHES (2") IN HEIGHT) AND RAISED BRAILLE SYMBOLS LOCATED APPROXIMATELY FIVE FEET (5') ABOVE THE FLOOR ON THE JAMB PANELS ON BOTH SIDES OF THE DOOR, SO THAT THEY ARE VISIBLE FROM WITHIN THE ELEVATOR. RAISED BRAILLE SYMBOLS SHALL BE PLACED DIRECTLY TO THE LEFT OF THE CORRESPONDING RAISED ARABIC NUMBERS. THE RAISED CHARACTERS SHALL BE ON A CONTRASTING BACKGROUND.

G14A13 A VISUAL AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE INDICATING TO THE PROSPECTIVE PASSENGER THE CAR ANSWERING THE CALL AND ITS DIRECTION OF TRAVEL AS FOLLOWS:

A. A MINIMUM OF SEVENTY-TWO INCHES (72") IN HEIGHT FROM THE LOBBY FLOOR.
B. A MINIMUM OF TWO-AND-ONE-HALF INCHES (2-1/2") HIGH BY TWO-AND-ONE HALF INCHES (2-1/2") WIDE.
C. VISIBLE FROM THE PROXIMITY OF THE HALL CALL BUTTON.
D. OF A CONFIGURATION WHICH DISTINGUISHES BETWEEN UP AND DOWN ELEVATOR TRAVEL. AUDIBLE SIGNALS SHALL SOUND ONCE FOR UP, TWICE FOR DOWN.
E. THE USE OF IN-CAR LANTERNS, LOCATED ON THE CAR DOOR JAMBS, VISIBLE FROM THE PROXIMITY OF THE HALL CALL BUTTONS AND CONFORMING TO THE ABOVE REQUIREMENTS WILL BE ACCEPTABLE.
F. THE USE OF ARROW SHAPES IS PREFERRED FOR VISIBLE SIGNALS.

G14A14 AN APPROVED PICTORIAL SIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION WHICH SPECIFIES "IN CASE OF FIRE, DO NOT USE ELEVATORS; USE STAIRS."

G15 – MECHANICAL

G15A1 PROVIDE CONSPICUOUSLY MARKED OUTSIDE GAS SHUT-OFF VALVE.

G15A2 FOR DIFFUSER LOCATIONS, SEE MECHANICAL DRAWINGS. COORDINATE WITH OTHER DISCIPLINES AND RESOLVE CONFLICTS IN CONSULTATION WITH ARCHITECT AND AFFECTED DESIGN TEAM MEMBERS PRIOR TO INSTALLATION.

G15A3 ACCESS PANELS SHOWN DO NOT INCLUDE ALL PANELS REQUIRED. CEILING AND WALL ACCESS PANEL REQUIREMENTS AND PANEL LOCATIONS TO BE COORDINATED ACROSS ALL TRADES AND DISCIPLINES. CONTRACTOR IS RESPONSIBLE FOR COORDINATING, SUPPLYING, AND INSTALLING ALL ACCESS PANELS REQUIRED TO COMPLETE THE PROJECT. SEE DETAILS 15/A9.1, 16/A9.1, MECHANICAL DRAWINGS, AND PLUMBING DRAWINGS.

G07D2 ANY AND ALL POTENTIAL PASSAGES WHICH MAY ALLOW SOUND PENETRATION FROM ONE UNIT TO ANOTHER SHALL BE FULLY SEALED.

G07D3 ALL PENETRATIONS INTO SOUND RATED WALLS, PARTITIONS OR FLOOR/CEILING ASSEMBLIES SHALL BE SEALED WITH AN ARCHITECT APPROVED PERMANENT RESILIENT ACOUSTICAL SEALANT.

G08 – DOORS & WINDOWS

G08A1 ALL EXIT DOORS SHALL BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT. DEAD BOLTS OR SIMILAR DEVICES ARE PROHIBITED ON EXITS.

G08A2 WHERE DOORS ARE LOCATED NEXT TO A WALL, THERE SHALL BE 3-1/2" MIN. CLEARANCE BETWEEN WALL FINISH SURFACE AND FACE OF DOOR IN 90 DEGREE OPEN POSITION, UNLESS DETAILED OR DIMENSIONED OTHERWISE.

G08A3 ALL DOORS BETWEEN CORRIDORS AND ADJACENT ROOMS SHALL BE EQUIPPED WITH ACCEPTABLE POSITIVE LATCHING DEVICES.

G08A4 MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:

A. INTERIOR DOORS – 5 POUNDS±
B. EXTERIOR DOORS – 8.5 POUNDS±
C. FIRE DOORS – 15 POUNDS±

G08A5 ALL RATED FIRE DOORS SHALL BE EQUIPPED WITH SELF-CLOSING DEVICES OR AUTOMATIC CLOSING DEVICES. ALL SUCH DOORS SHALL BE EQUIPPED WITH SMOKE GASKETS.

G08A6 ALL RATED DOOR ASSEMBLIES SHALL HAVE A "UL" LABEL PERMANENTLY AFFIXED.

G08A7 DOORS AND WINDOWS BETWEEN CONDITIONED SPACE AND OUTSIDE SPACE OR BETWEEN CONDITIONED SPACE AND UNCONDITIONED SPACE SHALL BE FULLY WEATHER-STRIPPED.

G08A8 ENTRANCE DOORS TO RESIDENTIAL UNITS FROM INTERIOR CORRIDORS SHALL HAVE A MINIMUM STC 30 RATING.

G09 – FINISHES

G09A1 UNLESS OTHERWISE INDICATED, INCIDENTAL EXTERIOR CONSTRUCTIONS SUCH AS MINOR ALCOVES, RECESSES, AND PARTIAL EXTERIOR ELEVATIONS NOT SHOWN SHALL HAVE APPLICABLE DETAILS, FEATURES, AND MATERIALS SIMILAR TO IMMEDIATELY ADJACENT CONTIGUOUS EXTERIOR CONSTRUCTION.

G09A2 PROVIDE AND INSTALL PLASTER CONTROL JOINTS AS SHOWN AND AS REQUIRED SO THAT THE ENTIRE PLASTERED SURFACE IS PANELIZED WITH NO INDIVIDUAL PANEL EXCEEDING 150 SQ. FT. OR 20 FT. IN ANY DIRECTION. WHERE THE LAYOUT SHOWN IS DEVIATED FROM OR WHERE ADDITIONAL OR OTHER JOINTS ARE DEEMED NECESSARY TO RELIEVE CRACKING STRESSES, PROVIDE LAYOUT FOR APPROVAL.

G09B2 UNLESS OTHERWISE INDICATED, INCIDENTAL INTERIOR CONSTRUCTIONS SUCH AS CLOSETS, VESTIBULES, COLUMNS, PARTITIONED-OFF PORTIONS, PROJECTIONS, SOFFITS, RECESSES, AND INTERIOR ELEVATIONS NOT SHOWN WHICH ARE SUBORDINATE AND ACCESSORY TO SPACES ADDRESSED IN THE FINISH SCHEDULE SHALL BE FINISHED THE SAME AS THE SPACES TO WHICH THEY ARE ACCESSORY.

G09B3 ALL INTERIOR CORRIDOR WALL AND CEILING FINISHES SHALL BE NONCOMBUSTIBLE AND HAVE A FLAME SPREAD RATING OF 25 OR LESS.

G09B4 ALL GYPSUM WALLBOARD TO BE TYPE "X" UNLESS OTHERWISE NOTED.

G09B5 GYPSUM WALLBOARD CEILINGS SUSPENDED BELOW PROTECTED STRUCTURAL FRAME, RATED FLOOR/CEILING ASSEMBLIES, AND RATED ROOF/CEILING ASSEMBLIES SHALL BE FRAMED WITH NONCOMBUSTIBLE FRAMING MEMBERS ("METAL STUDS") SET OUT WALLS OF SOFFITS AND CONCEALED SPACES SHALL BE CONSTRUCTED AS REQUIRED FOR A RATED PARTITION ASSEMBLY.

G09B6 CARPET OR OTHER SURFACE MATERIALS WHICH ARE PART OF A FLOOR/CEILING ACOUSTICAL ASSEMBLY MUST BE INSTALLED AND INSPECTED BEFORE THE CERTIFICATE OF OCCUPANCY IS ISSUED.

G09B7 WALL OPENINGS AND RECESSED ELEMENTS OVER 16 SQ. INCHES IN RATED WALLS MUST BE PROTECTED. THIS INCLUDES WALL CABINETS, RECESSED FIRE HOSE CABINETS, RECESSED FIRE EXTINGUISHER CABINETS, AND RECESSED ELECTRICAL PANELS AND BOXES. RECESSES MUST BE WRAPPED WITH CONTINUOUS TYPE X GYPSUM WALLBOARD SO THAT THE WALL RATING IS CONTINUOUS.

G09B8 WHERE DIFFERENT WALL OR CEILING THICKNESSES OCCUR WITHIN A GIVEN SURFACE DUE TO SHEATHING AND FINISH REQUIREMENTS, PROVIDE ADDITIONAL GYPSUM WALLBOARD AND SHIMMING AS REQUIRED FOR A FLUSH, UNINTERRUPTED SURFACE FINISH FROM CORNER TO CORNER.

G09B9 PROVIDE SUSPENDED CEILINGS AND/OR FURRED-OUT SURFACES WHERE REQUIRED TO CONCEAL PIPING, DUCT, ETC. IN FINISHED ROOMS. SHOULD CONDITIONS NECESSITATE ALTERATIONS IN INDICATED CEILING HEIGHTS DUE TO STRUCTURAL OR MECHANICAL REQUIREMENTS, OBTAIN APPROVAL FROM ARCHITECT BEFORE INSTALLING FURRING. THERE SHALL BE NO EXPOSED CONSTRUCTION UNLESS NOTED OTHERWISE ON THE FINISH SCHEDULE.

G09B10 BUILT-IN GYPSUM WALLBOARD SOFFITS SHALL BE CONSTRUCTED AT ALL UPPER CABINETS. FINISH PER SCHEDULE. SEE G09B5.

G09B11 AT PREFAB. TUB/SHOWER UNIT, ALLOW FOR CLEARANCES REQUIRED FOR INSTALLATION OF CONTINUOUS TYPE X GYPSUM WALLBOARD AT SHOWER WALLS BEHIND THE UNIT TO MAINTAIN FIRE RATING AND ACOUSTICAL CHARACTERISTICS. SEE DETAIL 15/A9.9 .

G09D12 CONTRACTOR TO COORDINATE ALL DRYWALL SOFFITS, SOFFIT FRAMING, AND SUSPENDED DRYWALL CEILINGS WITH MECHANICAL, PLUMBING, ELECTRICAL, SECURITY, FIRE ALARM, FOOD SERVICE, AND FIRE PROTECTION SYSTEMS.

G09D13 SEE MECHANICAL DRAWINGS FOR FLOOR/CEILING AND ROOF/CEILING LOCATIONS WHERE "PRE-DRYWALLING" IS REQUIRED TO MAINTAIN FIRE ASSEMBLY RATING.

G10 – SPECIALTIES

G10A1 DRAPES AND OTHER DECORATIVE MATERIALS SHALL BE FLAME-RETARDANT. CERTIFICATION THEREOF SHALL BE PROVIDED. EXITS, EXIT LIGHTS, FIRE ALARM STATIONS, HOSE CABINETS AND FIRE EXTINGUISHER LOCATIONS SHALL NOT BE CONCEALED BY DECORATIVE MATERIALS. SEE TITLE 19 REQUIREMENTS.

G10C1 ALL PROPERTIES SHALL BE ADDRESSED. STREET ADDRESS MUST BE PROVIDED ON THE FRONT OF THE BUILDING. NUMBERS MUST BE VISIBLE FROM THE STREET, MUST BE OF A COLOR WHICH CONTRASTS WITH THE BACKGROUND, MUST BE AT LEAST 4-INCHES IN HEIGHT AND 2-INCHES IN WIDTH, AND MUST FACE THE STREET TO WHICH THEY ARE ADDRESSED. OBTAIN FIRE DEPARTMENT APPROVAL PRIOR TO INSTALLATION.

G10D1 FIREPLACES SHALL BE EQUIPPED WITH GLASS DOORS IN COMPLIANCE WITH TITLE 24 ENERGY CONSERVATION REGULATIONS.

G07 – THERMAL & MOISTURE PROTECTION

G07A1 CRICKETS TO BE PROVIDED AT ALL ROOF TOP EQUIPMENT PLATFORMS FOR POSITIVE DRAINAGE.

G07A2 ATTIC VENTILATION CHART FIGURES ARE BASED ON THE FOLLOWING CRITERIA:

A. AREA OF VENTING REQUIRED = 1/150 EACH ATTIC AREA MINIMUM.

B. ATTIC PARAPET WALL 14"x18" LOUVER = 1.04 S.F. VENT AREA EACH

C. ATTIC PARAPET WALL 22"x30" HINGED ACCESS LOUVER = 2.7 S.F. VENT AREA EACH

D. ATTIC SOFFIT VENTING: 4"x14" SCREENED SOFFIT VENT = 0.7 S.F. VENT AREA EACH (VENTILATION FOR EAVE SOFFIT ONLY, NO CONTRIBUTION TO ATTIC VENTILATION).

G07A3 COORDINATE ALL ROOF PENETRATION REQUIREMENTS FOR MECHANICAL, PLUMBING, ELECTRICAL, AND SECURITY SYSTEM REQUIREMENTS.

G07A4 COORDINATE ALL ROOF MOUNTED EQUIPMENT REQUIREMENTS FOR MECHANICAL, PLUMBING, ELECTRICAL, AND SECURITY SYSTEM REQUIREMENTS.

G07B1 THROUGH-PENETRATION FIRE STOPS INSTALLED TO PROVIDE AN F RATING ARE REQUIRED AT THE FOLLOWING WALLS:

A. FIRE-RESISTANT WALLS.

B. WALLS REQUIRING PROTECTED OPENINGS, I.E. CORRIDOR WALLS, OCCUPANCY SEPARATION AND AREA SEPARATION WALLS.

G07B2 THROUGH-PENETRATION FIRE STOPS REQUIRE A T-RATING AT THE FOLLOWING LOCATIONS:

A. ABOVE CORRIDOR CEILINGS WHICH ARE NOT PART OF A FIRE-RESISTIVE ASSEMBLY.

B. BELOW ANY CEILING IF THROUGH-PENETRATING ITEM IS LARGER THAN A 4-INCH NOMINAL PIPE OR 16 SQ. INCHES IN OVERALL CROSS-SECTIONAL AREA.

G07B3 MEMBRANE-PENETRATION FIRE STOPS ARE REQUIRED IN FIRE-RESISTIVE WALLS FOR THE FOLLOWING:

A. ELECTRICAL OUTLET BOXES EXCEEDING 16 SQ. INCHES IN AREA OR IF THE AGGREGATE AREA OF THE OUTLET BOXES IS MORE THAN 100 SQ. INCHES IN 100 SQ. FEET OF WALL AREA.

B. OUTLET BOXES ON OPPOSITE SIDES OF WALLS NOT SEPARATED BY A HORIZONTAL DISTANCE OF AT LEAST 24 INCHES.

C. PENETRATING ITEMS OF OTHER MATERIALS.

G07B4 THROUGH-PENETRATION FIRE STOPS INSTALLED TO PROVIDE AN F RATING ARE REQUIRED AT PENETRATIONS OF FIRE-RESISTIVE FLOORS AND FLOORS WHICH ARE PART OF A FLOOR CEILING ASSEMBLY. THROUGH-PENETRATION FIRE STOPS REQUIRE A T-RATING IF:
A. PENETRATIONS ARE NOT CONTAINED WITHIN A WALL AT THE POINT WHERE THEY PENETRATE THE FLOOR.

B. PENETRATIONS ARE LARGER THAN A 4-INCH NOMINAL PIPE OR 16 SQ. INCHES IN OVERALL CROSS SECTIONAL AREA.

G07B5 FIRE STOPS SHALL BE "HILTI FIRESTOP SYSTEM" DESCRIBED IN ICBO EVALUATION REPORT NO. ER-5071 DATED MARCH 7, 1998 AND HILTI FIRESTOP SYSTEMS GUIDE TO SPECIFICATION, INSTALLATION & INSPECTION DATED SEPTEMBER 1998.

SUBSTITUTIONS AND ASSEMBLIES NOT LISTED SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO INSTALLATION.

GENERAL "HILTI FIRESTOP SYSTEM" MATERIALS APPLICATIONS AND INSTALLATIONS FOR VARIOUS APPLICATIONS ARE AS FOLLOWS:

A. METAL PIPE THROUGH A SLEEVE IN CONCRETE, FLOOR, WALL, OR CMU BLOCK PER DETAIL 24/A0.05C.

B. ONE OR MORE CABLES THROUGH CONCRETE FLOOR, WALL, OR CMU BLOCK WALL PER DETAIL 30/A0.05C

C. INSULATED METALLIC PIPE THROUGH CONCRETE FLOOR OR WALL IN OPTIONAL STEEL PIPE SLEEVE PER DETAIL 25/A0.05C.

D. METAL PIPE/CONDUIT THROUGH 1-HR. OR 2-HR. WOOD FLOOR ASSEMBLY PER DETAIL 31/A0.05C.

E. CABLE/CABLE BUNDLE THROUGH 1-HR. OR 2-HR. WOOD FLOOR ASSEMBLY PER DETAIL 37/A0.05C

F. INSULATED METAL PIPE/CONDUIT THROUGH 1-HR. OR 2-HR. WOOD FLOOR ASSEMBLY PER DETAIL 43/A0.05C

G. METAL PIPE THROUGH GYPSUM WALL ASSEMBLY

H. CABLE BUNDLE THROUGH 1-HR. OR 2-HR. FIRE-RATED GYPSUM WALL PER DETAIL 32/A0.05C

I. INSULATED METAL PIPE THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY PER DETAIL 38/A0.05C

J. METAL DUCT (WITHOUT DAMPER) THROUGH 1-HR. GYPSUM WALL PER DETAIL 44/A0.05C

G07B6 MINERAL FIBER INSULATION SHALL BE INSTALLED IN JOIST SPACE WHENEVER A PLUMBING OR DUCT PENETRATES A FLOOR/CEILING ASSEMBLY OR WHERE SUCH UNIT PASSES THROUGH THE PLANE OF A FLOOR/CEILING ASSEMBLY FROM WITHIN A WALL. THE INSULATION SHALL BE INSTALLED TO A POINT TWELVE INCHES BEYOND THE PIPE OR DUCT.

G07B7 FIBERGLASS AND MINERAL FIBER BATT INSULATION FIRESTOPS SHALL CONFORM TO UBC STANDARD 7.1.

G07C1 CAULK AND SEAL AROUND ALL PLUMBING AND ELECTRICAL PENETRATIONS INTO THE BUILDING ENVELOPE.

G07C2 CAULK AND SEAL AROUND ALL WINDOW AND DOOR FRAMES AND BETWEEN WALL SOLE PLATES AND FLOORS AND BETWEEN EXTERIOR WALL PANELS.

G07D1 AN APPROVED PERMANENT AND RESILIENT ACOUSTICAL SEALANT SHALL BE PROVIDED ALONG THE JOINT BETWEEN THE FLOOR AND THE BOTTOM EDGE OF THE GYPSUM WALLBOARD AT ALL UNIT-TO-UNIT DEMISING WALLS. THE JOINT BETWEEN THE CEILING SURFACE AND THE TOP EDGE OF THE DEMISING WALL GYPSUM WALLBOARD PANEL SHALL BE SIMILARLY SEALED OR FULLY TAPED AND FINISHED WITH JOINT COMPOUND.

G07 – THERMAL & MOISTURE PROTECTION

G01G2 ALL UNIT TO CORRIDOR AND UNIT TO UNIT WALLS ARE PER DETAILS 1/A0.05A & 2/A0.05A UNLESS OTHERWISE NOTED.

G02 – SITE

G02A1 SEE CIVIL FOR ONSITE AND OFFSITE WORK REQUIREMENTS.

G02B1 SEE LANDSCAPE FOR ONSITE AND OFFSITE (IF ANY) LANDSCAPE WORK REQUIREMENTS.

G01C1 ALL FINISHED GRADE AREAS AROUND BUILDINGS SHALL SLOPE AWAY FROM BUILDINGS AT TWO PERCENT MINIMUM.

03 – CONCRETE

G03A1 ALL UNFINISHED CONCRETE SURFACES SHALL HAVE A LIGHT BROOM FINISHED, NON-SLIP SURFACE UNLESS NOTED OTHERWISE.

G03A2 VERIFY ALL BUILT-IN EQUIPMENT SIZES AND REQUIREMENTS PRIOR TO FORMING. BUILT-IN EQUIPMENT SHALL FIT TIGHTLY AS POSSIBLE WITHIN MANUFACTURER'S REQUIREMENTS TO FINISHED OPENING.

G03A3 PROVIDE PRECAST CONCRETE WHEELSTOPS ANCHORED IN PLACE, ONE PER EACH FREE ACCESS PARKING STALL.

04 – MASONRY

G04A1 VERIFY ALL BUILT-IN EQUIPMENT SIZES AND REQUIREMENTS PRIOR TO LAYOUT. BUILT-IN EQUIPMENT SHALL FIT TIGHTLY AS POSSIBLE WITHIN MANUFACTURER'S REQUIREMENTS TO FINISHED OPENING.

G05 – METALS

G05A1 PROVIDE GALVANIC ISOLATION BETWEEN DISSIMILAR METALS.

G05A3 ALL STRUCTURAL STEEL MEMBERS SHALL BE PROTECTED ONE HOUR AS FOLLOWS:

-STEEL COLUMNS SHALL BE INDIVIDUALLY PROTECTED PER THE DETAILS AND ERECTED WITHIN ONE HOUR WALL CONSTRUCTION PER THE APPROPRIATE WALL ASSEMBLY DETAIL ON SHEET A0.05A, B REFERENCED FROM THE PLANS.

-STEEL BEAMS WHICH EXTEND LESS THAN 6 INCHES BELOW ONE HOUR FLOOR/CEILING ASSEMBLIES SHALL BE PROTECTED AS IF THEY ARE A PART OF THAT PARTICULAR FLOOR/CEILING ASSEMBLY. THE CEILING MEMBRANE SHALL BE CONTINUOUS AND UNINTERRUPTED ACROSS THE CEILING AND AROUND THE BEAM EXTENSION. PROVIDE APPROPRIATE NAILERS AND/OR "CAGES" FOR GYPSUM WALLBOARD ATTACHMENT.

-STEEL BEAMS WHICH EXTEND MORE THAN 6 INCHES BELOW ONE HOUR FLOOR/CEILING OR ROOF/CEILING ASSEMBLIES SHALL BE INDIVIDUALLY PROTECTED. PROVIDE APPROPRIATE NAILERS AND/OR "CAGES" FOR FOR GYPSUM WALLBOARD ATTACHMANT

G06A – WOOD & PLASTIC

G06A1 ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WITH AN APPROVED PRESERVATIVE.

G06A2 FIRE BLOCK ALL STUD WALLS AND PARTITIONS AT FLOOR, CEILING AND MID-HEIGHT OF WALLS OVER TEN FEET IN HEIGHT. PROVIDE FIRE BLOCKING AT TEN FEET MAXIMUM ALONG HORIZONTAL LENGTH OF WALLS.

G06A3 DRAFT STOPS MUST BE INSTALLED IN FLOOR/CEILING ASSEMBLIES SO THAT ANY CONCEALED SPACE DOES NOT EXCEED 1,000 SQ. FT. OR 60 FEET IN LENGTH.
DRAFT STOPS MUST BE INSTALLED IN ATTICS, MANSARDS, OVERHANGS, AND FALSE FRONTS SO THAT ANY AREA DOES NOT EXCEED 1500 SQ. FT. AND THE GREATEST HORIZONTAL DISTANCE DOES NOT EXCEED 45 FEET.

G06A4 ONE HOUR RATED R OCCUPANCY TENANT SEPARATION WALLS (DEMISING WALLS BETWEEN UNITS) SHALL BE CONTINUOUS AND EXTEND TO THE UNDERSIDE OF THE ROOF SHEATHING.

G06A5 PROVIDE 3/4" FIRE RETARDANT TREATED PLYWOOD FLOOR TO CEILING AT ALL TELEPHONE/MATV ROOMS INSTALLED OVER WALL FINISH.

G06A6 ANY AND ALL EQUIPMENT, ACCESSORIES, AND APPURTENANCES WHICH ARE MOUNTED ON STUD WALLS ARE REQUIRED TO BE ATTACHED THROUGH THE WALL FINISH INTO SOLID WOOD BLOCKING UNLESS THE MANUFACTURER SPECIFICALLY RECOMMENDS OTHERWISE. PROVIDE SOLID 2x10 WOOD BLOCKING SECURELY NAILED OR SCREWED AT ALL LOCATIONS UNLESS NOTED OTHERWISE OR INDICATED DIFFERENTLY IN MANUFACTURER'S INSTRUCTIONS.

G06A7 SOLID BLOCKING PROVIDED WITHIN FIRE RETARDANT TREATED WOOD STUD WALLS SHALL BE FIRE RETARDANT TREATED.

G06A8 SOLID BLOCKING FOR EQUIPMENT ATTACHMENT PROVIDED WITHIN METAL FRAMED STUD WALLS SHALL BE FIRE RETARDANT TREATED.

G06A9 FUTURE EQUIPMENT, ACCESSORIES, AND APPURTENANCES WHICH WILL BE MOUNTED ON STUD WALLS ARE REQUIRED TO BE ATTACHED THROUGH THE WALL FINISH INTO SOLID WOOD BLOCKING UNLESS THE MANUFACTURER SPECIFICALLY RECOMMENDS OTHERWISE. PROVIDE SOLID 2x10 WOOD BLOCKING SECURELY NAILED OR SCREWED AT ALL LOCATIONS UNLESS NOTED OTHERWISE OR INDICATED DIFFERENTLY IN MANUFACTURER'S INSTRUCTIONS.

G06A10 VERIFY ALL BUILT-IN EQUIPMENT SIZES PRIOR TO FRAMING. BUILT-IN EQUIPMENT SHALL FIT TIGHTLY AS POSSIBLE WITHIN MANUFACTURER'S REQUIREMENTS TO FRAMED AND FINISHED OPENING.

G06A11 PRESSURE TREATED WOOD (WITH PRESERVATIVE OR WITH