

EXTERIOR WALL NOTES

- GENERAL NOTES**
1. REFER TO BUILDING ELEVATIONS FOR REQUIRED PERFORMANCE TESTING AND VISUAL MOCK UPS
 2. THE EXTERIOR WALL SYSTEM INCLUDING ALL ITS COMPONENTS AND FIREPROOFING REQUIREMENTS SHALL RECEIVE THE LOCAL CODE AUTHORITY'S APPROVAL.
 3. THE EXTERIOR WALL SHALL BE A COMPLETE SYSTEM INCLUDING ALL CONNECTIONS, ANCHORS (INCLUDING PROVISION FOR ALL EMBEDS INCLUDING THOSE TO BE INSTALLED BY OTHERS), MISCELLANEOUS FRAMING, KICKERS AND STIFFENERS, FASTENERS, FLASHING, INSULATION AND SEALANTS.
 4. CONNECTIONS, ANCHORS, MISCELLANEOUS FRAMING, KICKERS AND STIFFENERS WHERE SHOWN ARE SUGGESTIVE ONLY AND ARE TO BE ENGINEERED AND DETAILED BY THE CONTRACTOR, AND SHALL BE DESIGNED TO WITHSTAND SEISMIC LOADS FOR SEISMIC ZONE 4.
 5. CONNECTION DETAILS ARE TO BE COORDINATED WITH STRUCTURAL FRAMING AND ALL ADJACENT BUILDING COMPONENTS, INCLUDING BLIND POCKETS, HEATING UNIT COVERS, CEILING AND WALL FINISHES.
 6. THE EXTERIOR WALL MAY BE ATTACHED TO THE BUILDING SLAB OR COLUMNS SUBJECT TO THE FOLLOWING CRITERIA: WHERE THE CLADDING ATTACHMENTS ARE TO THE STRUCTURAL SLAB, THE MAXIMUM POCKET DEPTH FOR ANCHOR PLATES IS 3".
 7. PROVIDE POSITIVE MECHANICAL FASTENERS FOR ALL COMPONENTS. FASTENERS ARE TO BE SELECTED TO PREVENT GALVANIC ACTION WITH THE COMPONENTS FASTENED. ALL FASTENERS ARE TO BE CONCEALED EXCEPT WHERE SPECIFICALLY INDICATED ON DRAWINGS.
 8. PROVIDE THERMAL EXPANSION/CONTRACTION AND BUILDING MOVEMENT JOINTS AS REQUIRED TO SATISFY THE EXTERIOR WALL PERFORMANCE REQUIREMENTS OF THE PROJECT DESIGN CRITERIA.
 9. ALL DISSIMILAR MATERIALS SHALL BE SEPARATED BY A HEAVY COATING OF EPOXY PAINT OR OTHER SUITABLE PERMANENT SEPARATION MATERIAL AS REQUIRED TO PREVENT GALVANIC ACTION.
 10. ALL MATERIALS WHICH MAY CAUSE STAINING, DISCOLORATION, DEGRADATION OR OTHER DETRIMENTAL EFFECTS WHEN IN CONTACT SHALL BE EFFECTIVELY AND PERMANENTLY ISOLATED FROM ONE ANOTHER.
 11. THE COLOR, CHARACTER AND FINISH OF ALL EXTERIOR WALL MATERIALS SHALL MATCH THE ARCHITECT'S CONTROL SAMPLES.
 12. THE EXTERIOR WALL SHALL HAVE TWO DISTINCT AND SEPARATE LINES OF DEFENSE AGAINST AIR INFILTRATION AND WATER LEAKAGE. PROVIDE A WEEP SYSTEM TO DRAIN THE CAVITY CREATED BY THE TWO SEPARATE LINES OF DEFENSE AT EACH COMPONENT OF THE EXTERIOR WALL.
 13. PROVIDE WEEPS AT EACH FLASHING, INCLUDING THE BASE OF THE EXTERIOR WALL, TO ENSURE POSITIVE DRAINAGE OF THE ENTIRE EXTERIOR WALL SYSTEM.
 14. THE EXTERIOR WALL CONTRACTOR SHALL COORDINATE AND SHOW ON THEIR DRAWINGS ALL EQUIPMENT AND PENETRATIONS THROUGH THE EXTERIOR WALL FOR SUCH ITEMS AS BUILDING AIRCRAFT WARNING LIGHTS, LIGHTNING PROTECTION, WALL HYDRANTS, SAMESE CONNECTIONS, ALARMS, POWER AND WATER OUTLETS, EXTERIOR SIGNAGE AND EXTERIOR LIGHTING. IN SOME CASES THESE ITEMS MAY BE FURNISHED AND/OR INSTALLED BY OTHERS.
 15. THE EXTERIOR WALL CONTRACTOR SHALL COORDINATE THE DETAILS TO ACCOMMODATE THE BUILDING MAINTENANCE (WINDOW WASHING) SYSTEM, INCLUDING SAFETY THE BACK INSERTS AS DESIGNED BY THE BUILDING MAINTENANCE EQUIPMENT CONSULTANT.

- EXTERIOR STONE**
1. PROVIDE A FULL SIZED VISUAL MOCK UP AT THE STONE SUPPLIERS FACILITY TO REVIEW THE STONE SELECTION.
 2. THE STONE THICKNESS SHOWN ON THE DRAWINGS IS PRELIMINARY ONLY. THE OWNERS TESTING AGENCY SHALL VERIFY BY PHYSICAL TESTING THAT THE NATURAL STONE THICKNESS, THE SUPPORT ANCHORAGE, THE BONDING ADHESIVES, ETC. MEET THE REQUIREMENTS OF THE PROJECT DESIGN CRITERIA. MINIMUM THICKNESS OF EXTERIOR STONE SHALL BE:
 - GRANITE VERTICAL: 1.25"
 - GRANITE SOFFITS: 1.25"
 3. STONE CLADDING SHALL HAVE THE REQUIRED NUMBER OF ANCHORS AND TIES PER PIECE TO ENSURE THE PROPER INSTALLATION AND STRENGTH, AND SHALL BE DESIGN TO WITHSTAND SEISMIC LOADS FOR SEISMIC ZONE 4.
 4. STONE THICKNESS AND PANEL SIZE SHALL BE BASED ON 4 ANCHORS PER PANEL.
 5. THE DEFLECTION FOR GRANITE SUPPORTING STRUCTURES BETWEEN CONNECTIONS TO THE BUILDING FRAME SHALL BE LIMITED TO 1/600 OR 1/2" MAXIMUM IN ANY DIRECTION, WHICHEVER IS LESS.
 6. ALL ANCHORS IMBEDDED INTO THE STONE SHALL BE STAINLESS STEEL. ALL STONE SUPPORT FRAMING NOT IN CONTACT WITH THE STONE SHALL BE HOT-DIPPED GALVANIZED. ALL FASTENERS SHALL BE STAINLESS STEEL, WHERE A CONTINUOUS KERF SYSTEM IS USED THE FASTENING CLIPS MAY BE STAINLESS STEEL OR ALUMINUM.
 7. WHERE A CONTINUOUS TOP KERF IS PROVIDED IN THE TOP OF THE STONE PANELS, AREAS NOT OCCUPIED BY THE ANCHORS SHALL BE FILLED WITH APPROVED SEALANT TO PREVENT THE BUILD-UP OF WATER AND/OR ICE.
 8. INDIVIDUAL STONE ANCHORS SHALL BE THE TYPE THAT ONLY TRANSFER LOADS AT THE BASE OF THE KERF.
 9. THE BACK (INNER) LEG OF THE KERF SHALL BE CUT BACK TO ALLOW FOR THE ANCHORS TO BE CONCEALED.
 10. UNLESS INDICATED OTHERWISE, NON-MOVEMENT JOINTS SHALL BE 7/16".

- STRONGBACK METAL FRAMING**
1. METAL STRONG BACK FRAMING SHALL BE HOT DIP GALVANIZED MILD STEEL OR ALUMINUM.
 2. PROVIDE HOT DIP GALVANIZED SHEET STEEL AS THE SECOND LINE OF DEFENSE AGAINST AIR INFILTRATION ON THE BACK OF STRONG BACK PANEL SUPPORTS. SEAL AT ALL EDGES.

- ACOUSTIC SEPARATION**
1. PROVIDE INTEGRAL ACOUSTIC SEPARATION AS REQUIRED BY PROJECT DESIGN CRITERIA. AREAS INCLUDE THE FACADE STC RATINGS, AT THE JUNCTION OF CURTAINWALL / UNIT DEMISING PARTITIONS, AT THE JUNCTION OF CURTAINWALL / FLOOR SLAB. NOTE THAT GYPSUM WALL BOARD OR EQUIVALENT MATERIAL WITH SURFACE DENSITY OF 4lbs/sf MAY BE USED IN LIEU OF GYPSUM WALL BOARD AS SHOWN ON THE DRAWINGS.

- ROOFING AND WATERPROOFING**
1. CONCRETE AND STONE PAVER BALUSTS SHALL BE SEATED ON RAISED PEDESTALS TO ALLOW FOR DRAINAGE OF WATER UNDERNEATH.

- JOINT SEALERS**
1. PROVIDE JOINT SEALERS, FILLERS, GASKETS THAT ARE EXPLICITLY RECOMMENDED BY THE MANUFACTURER FOR THE APPLICATION, AND WHICH HAVE BEEN DETERMINED TO BE TOTALLY COMPATIBLE WITH THE JOINT SURFACES AND EACH OTHER, AND SHALL NOT STAIN ADJACENT SURFACES. JOINT FILLERS SHALL BE "NON-GASSING", CLOSED CELL TYPE UNLESS CONDITIONS CALL FOR OPEN CELL TYPE, IN WHICH CASE CONTRACTOR WILL HAVE TO PROVE WHY OPEN CELLED TYPE IS REQUIRED.
 2. PROVIDE PROPER SIZE AND SHAPE OF JOINT SEALANT IN ACCORDANCE WITH MANUFACTURER'S PRINTED RECOMMENDATION, CONSIDERING JOINT MOVEMENT AT TIME OF INSTALLATION AND THROUGH LIFE OF BUILDING.
 3. ELASTOMERIC JOINT SEALANT SYSTEMS SHALL MAINTAIN THEIR COHESIVE AND ADHESIVE TO EACH JOINT SUBSTRATE FOR ANTICIPATED MOVEMENT OF JOINT.
 4. ALL VISIBLE JOINT SEALANTS TO BE IN CUSTOM COLOR TO MATCH ARCHITECT'S SAMPLE. JOINT SEALANT THAT IS NOT EXPOSED TO VIEW SHALL BE WHITE. TOOL JOINT SEAL PROFILE TO BE SLIGHTLY CONCAVE.
 5. FOR JOINT SEALANTS IN FIRE RATED CONSTRUCTION, PROVIDE FIRE RESISTANT BARRIER OF CERAMIC FIBRE JOINT FILLER BEHIND BACKER ROD AND SEALANT.

- BUILDING INSULATION AND VAPOR BARRIER**
1. INSULATION AND VAPOR BARRIER SHALL RECEIVE THE LOCAL AUTHORITY'S APPROVAL.
 2. INSULATION AND VAPOR BARRIER SHALL COMPLY WITH THE LOCAL CODE REQUIRED FLAME SPREAD AND SMOKE DEVELOPMENT REQUIREMENTS.
 3. INSULATION AND VAPOR BARRIER SHALL NOT UNDER ANY CIRCUMSTANCES EMIT TOXIC GASES.
 4. PROVIDE BUILDING INSULATION AND VAPOR BARRIER WHERE SHOWN ON THE DRAWINGS AND/OR AS NOTED BELOW TO MEET THE U-VALUE PERFORMANCE REQUIREMENTS OF THE PROJECT DESIGN CRITERIA.
 - A) IN THE CAVITY BETWEEN STONE CLADDING AND BACK UP WALL/CONCRETE.
 - B) AT THE EXTERIOR WALL COLUMN AND SPANDREL PANELS.
 - C) ABOVE EXTERIOR CEILINGS AND SOFFITS
 - D) AT TERRACE/BALCONIES WHERE ABOVE OCCUPIED SPACES.
 - E) AT EXTERIOR WALL CONNECTIONS, ANCHORS, SUPPORTS AND JOINTS SO AS TO MAINTAIN FULL INTEGRITY OF THE EXTERIOR WALL THERMAL, CONDENSATION DESIGN AND FIRE RESISTANCE REQUIREMENTS.
 5. PROVIDE FIRE SAFING AND SMOKE SEALS WHERE SHOWN ON THE DRAWINGS OR AS NOTED BELOW IN ORDER TO MAINTAIN THE FULL REQUIREMENTS OF THE CODE REQUIRED FLOOR AND WALL FIRE SEPARATION AS SET OUT IN THE PROJECT DESIGN CRITERIA.
 - A) BETWEEN THE EXTERIOR WALL AND ALL FLOOR SLABS. THE FIRE SAFING BOARD SHALL BE SEALED AT THE EXTERIOR WALL AND SLAB EDGES TO PREVENT THE MOVEMENT OF AIR, HEAT, SMOKE, AND GASES BETWEEN FLOORS.
 - B) BETWEEN THE TOP WALLS AND SLABS, AND AT THE PENETRATION OF ALL FLOORS AND WALLS. THE FIRE SAFING BOARD SHALL BE SEALED AT ALL PENETRATIONS OF ALL FLOORS AND WALLS TO PREVENT THE MOVEMENT OF AIR, HEAT, SMOKE, AND GASES BETWEEN FLOORS.
 6. PROVIDE VAPOR BARRIER TAPE AT THE SEAMS, JOINTS, PENETRATIONS, AND TERMINATION OF THE VAPOR BARRIER SO AS TO MAINTAIN THE FULL INTEGRITY OF THE VAPOR BARRIER.
 7. BATTEN TAPE INSULATION SHALL BE OVERSIZED TO CREATE A TIGHT JOINT BETWEEN PANELS. ALL JOINTS AND EXPOSED EDGES TO BE FOIL TAPED.

- FLASHING**
1. PROVIDE A CONTINUOUS FLASHING SYSTEM AT EACH FLOOR, INCLUDING STAINLESS STEEL DEFLECTORS AND GUTTERS BETWEEN THE EXTERIOR WALL AND STRUCTURAL COLUMNS. DRAIN TO EXTERIOR WALL WEEP SYSTEM OR BUILDING DRAIN.
 2. SEAL ALL PENETRATIONS OF FLASHING.
 3. PROVIDE THERMAL EXPANSION OF SHEET METAL AT MAX. 10' INTERVALS AND 2" MAX. AT EACH SIDE OF CORNERS. ALL CORNERS TO BE WELDED OR SOLDERED.
 4. CONCEAL ALL FASTENERS AND JOINTS AND LOCATE TO PREVENT LEAKAGE. MAINTAIN WATERTIGHT CONSTRUCTION AT ALL FASTENERS, EDGES, CORNERS AND SEAMS.

- ENTRANCES AND STOREFRONTS**
1. WHERE NOT A PART OF THE EXTERIOR WALL SYSTEM, ENTRANCES AND STOREFRONTS SHALL BE A COMPLETE SYSTEM INCLUDING ALL CONNECTIONS, ANCHORS, MISCELLANEOUS FRAMING, KICKERS AND STIFFENERS, FASTENERS, FLASHING, INSULATION AND SEALANTS.
 2. CONNECTIONS, ANCHORS, MISCELLANEOUS FRAMING, KICKERS AND STIFFENERS WHERE SHOWN ARE SUGGESTIVE ONLY AND ARE TO BE ENGINEERED AND DETAILED BY THE CONTRACTOR, AND SHALL BE DESIGN TO WITHSTAND SEISMIC LOADS FOR SEISMIC ZONE 4.
 3. CONNECTION DETAILS ARE TO BE COORDINATED WITH STRUCTURAL FRAMING AND ALL ADJACENT BUILDING COMPONENTS, INCLUDING BLIND POCKETS, HEATING UNIT COVERS, CEILING AND WALL FINISHES.
 4. PROVIDE DOORS WITH CONCEALED FLOOR CLOSERS, WITH EXTENDED SPINDLES AND RECESSED FLOOR PAN TO ACCEPT FINISH MATERIALS AT ALL EXTERIOR AND INTERIOR ENTRY DOORS.

- GLAZING**
1. PROVIDE TEMPERED SAFETY GLAZING AT ALL DOORS AND SLIGHTLIGHTS AS REQUIRED BY LOCAL CODES (APPLICABLE TO BOTH INTERIOR AND EXTERIOR CONDITIONS).
 2. PROVIDE HEAT STRENGTHENED GLASS AS RECOMMENDED BY GLASS MANUFACTURERS FOR ALL GLASS SUBJECT TO PARTIAL OR FULL SHADING EFFECT UNDERSTANDING SERVICE RANGES.
 3. PROVIDE TEMPERED SAFETY GLASS WITH LAMINATED INNER LITE FOR ALL SLOPED GLAZING.
 4. PROVIDE GLASS THICKNESS AS REQUIRED TO SATISFY THE EXTERIOR WALL PERFORMANCE REQUIREMENTS OF THE PROJECT DESIGN CRITERIA.
 5. PROVIDE PROPER SIZE AND SHAPE OF GLAZING IN ACCORDANCE WITH GLASS MANUFACTURERS RECOMMENDATIONS CONSIDERING JOINT MOVEMENTS AND CONDITIONS AT TIME OF INSTALLATION. MINIMUM GLASS BITE TO BE 1/2".
 6. PROVIDE LAMINATED SAFETY GLASS FOR ALL BALCONY RAILINGS. EXPOSED EDGES TO HAVE INTERLAYER CUT BACK AND SEALED WITH STRUCTURAL SILICONE AS RECOMMENDED BY THE GLASS MANUFACTURER.
 7. IN THE CASE OF INSULATING GLASS, THE OUTER LITE THICKNESS SHALL BE GREATER THAN THE INNER LITE, AND IN NO CASE SHALL THE GLASS THICKNESS BE LESS THAN 1/4".
 7. MITRE CUT AND VULCANIZE CORNERS OF ALL GLAZING GASKETS TO OBTAIN A CONTINUOUS AIRTIGHT AND WATERTIGHT SEAL AT CORNERS AND OTHER LOCATIONS WHERE JOINTS ARE REQUIRED.

- WINDOW/CURTAIN WALL**
1. A CONTINUOUS THERMAL BREAK SYSTEM SHALL BE PROVIDED WHERE REQUIRED TO MEET TO MEET CONDENSATION CONTROL INDICATED IN PERFORMANCE REQUIREMENTS.
 2. PROVIDE POSITIVE DRAIN HOLE (WEEP) SYSTEM FOR CONDENSATION INSIDE ALUMINUM MULLIONS AND PANELS WHERE APPLICABLE. ALL WEEP HOLLS SHALL HAVE BAFFLES TO PREVENT WATER INGRESS THROUGH WEEP HOLLS.
 3. FALSE MULLIONS, DECORATIVE ELEMENTS, FINIS OR OTHER ARCHITECTURAL FEATURES SHALL BE MECHANICALLY FASTENED WITH CONCEALED FASTENERS AND SHALL BE REMOVABLE TO ALLOW FOR RE GLAZING. THE SPACE BETWEEN THESE ELEMENTS AND ANY GLASS SURFACE SHALL BE NO LESS THAN 1/4" LARGER THAN THE TOTAL GLASS DEFLECTION AT 1.5 TIMES THE DESIGN WIND PRESSURE.
 4. PROVIDE LIMIT STOPS ON ALL OPERABLE WINDOWS.
 5. SHADOWBOX AND SPANDREL GLASS ASSEMBLIES SHALL BE CONSTRUCTED SO AS TO MAINTAIN THE PERFORMANCE, INTEGRITY AND APPEARANCE OF THE EXTERIOR WALL. THE DESIGN SHALL TAKE INTO ACCOUNT THE FOLLOWING:
 - A) ALLOW FOR THE VENTILATION OF THE AIRSPACE (S) TO BEHIND THE HEAT BUILD UP WITHIN AND CONDENSATION ON ITS SURFACES.
 - B) THE INTERIOR METAL SURFACES SHALL NOT DEGRADE OR DEFORM.
 - C) PROVIDE POSITIVE DRAINAGE OF THE AIR SPACE (WEEPS) TO THE EXTERIOR. THERE SHALL BE NO ACCUMULATION OF MOISTURE WITHIN THE SHADOWBOX OR SPANDREL ASSEMBLY.

- LOUVERS AND VENTS**
1. LOUVERS AND VENTS SHALL BE CONTINUOUS BLADE WITH CONCEALED INTERMEDIATE MULLION DESIGN.
 2. PROVIDE INSULATED BLANK OFF PANELS AT INACTIVE LOUVER AREAS. REFER TO MECHANICAL DRAWINGS FOR LOCATION AND SIZES OF ACTIVE LOUVER AREAS.
 3. PROVIDE BIRD SCREEN AT ALL ACTIVE AREAS OF LOUVER PANELS. FINISH TO MATCH LOUVER BLADES.

NOTE:

IN CASE OF DISCREPANCY BETWEEN THESE NOTES, DRAWINGS AND/OR THE TECHNICAL SPECIFICATIONS, CONSULT THE ARCHITECT FOR RESOLUTION OF THE DISCREPANCY.

- DESIGN INTENT**
- THE EXTERIOR WALL DESIGN DOCUMENTS ARE INTENDED TO DESCRIBE THE PERFORMANCE AND GENERAL APPEARANCE OF THE EXTERIOR WALL. THE EXTERIOR WALL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAIL DESIGN OF THE WALL TO MEET THOSE PERFORMANCE AND GENERAL APPEARANCE CRITERIA. SUBJECT TO THE ARCHITECT'S REVIEW AND COMPLIANCE TO THE CONDITIONS NOTED ABOVE, THE EXTERIOR WALL CONTRACTOR MAY VARY THE SYSTEMS ASSUMPTIONS, PANEL SIZE, DESIGN PROFILES, FIXINGS, JOINT LOCATIONS, ETC., IN ORDER TO SUIT HIS MEANS AND METHODS OF MANUFACTURE, ASSEMBLY AND/OR ERECTION ON SITE. REFER TO BUILDING ENCLOSURE NOTES ON THIS SHEET.

PROJECT DESIGN CRITERIA

- DESIGN LOADS GENERAL**
1. THE ENTIRE EXTERIOR ENCLOSURE, INCLUDING ALL THE EXTERIOR WALLS, ROOFS, SKYLIGHTS, SOFFITS, EXTERIOR CEILINGS, SKYLIGHTS, CANOPIES, PROJECTING ELEMENTS AND OTHER SUCH BUILDING COMPONENTS AS WELL AS ALL THEIR COMPONENTS AND CONNECTORS SHALL BE DESIGN FOR BOTH THE FULL REQUIREMENTS OF THE CODE REQUIRED FLOOR AND WALL FIRE SEPARATION AS SET OUT IN THE PROJECT DESIGN CRITERIA.
 - A) BETWEEN THE EXTERIOR WALL AND ALL FLOOR SLABS. THE FIRE SAFING BOARD SHALL BE SEALED AT THE EXTERIOR WALL AND SLAB EDGES TO PREVENT THE MOVEMENT OF AIR, HEAT, SMOKE, AND GASES BETWEEN FLOORS.
 - B) BETWEEN THE TOP WALLS AND SLABS, AND AT THE PENETRATION OF ALL FLOORS AND WALLS. THE FIRE SAFING BOARD SHALL BE SEALED AT ALL PENETRATIONS OF ALL FLOORS AND WALLS TO PREVENT THE MOVEMENT OF AIR, HEAT, SMOKE, AND GASES BETWEEN FLOORS.
 6. PROVIDE VAPOR BARRIER TAPE AT THE SEAMS, JOINTS, PENETRATIONS, AND TERMINATION OF THE VAPOR BARRIER SO AS TO MAINTAIN THE FULL INTEGRITY OF THE VAPOR BARRIER.
 7. BATTEN TAPE INSULATION SHALL BE OVERSIZED TO CREATE A TIGHT JOINT BETWEEN PANELS. ALL JOINTS AND EXPOSED EDGES TO BE FOIL TAPED.

- BUILDING MOVEMENT DESIGN CRITERIA (PRELIMINARY)**
1. THE BUILDING SYSTEMS (INTERIOR AND EXTERIOR) AND THEIR COMPONENTS SHALL BE DESIGNED TO ACCOMMODATE ALL BUILDING MOVEMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - A) ESTIMATED VERTICAL (SEISMIC) BUILDING MOVEMENT IN OUTER COLUMNS: PER FLOOR.
 - 3. PROVIDE THERMAL EXPANSION OF SHEET METAL AT MAX. 10' INTERVALS AND 2" MAX. AT EACH SIDE OF CORNERS. ALL CORNERS TO BE WELDED OR SOLDERED.
 - 4. CONCEAL ALL FASTENERS AND JOINTS AND LOCATE TO PREVENT LEAKAGE. MAINTAIN WATERTIGHT CONSTRUCTION AT ALL FASTENERS, EDGES, CORNERS AND SEAMS.
 - DELTA S = 1/8" (UP OR DOWN)
 - DELTA M = 1/8" (UP OR DOWN) (SEISMIC ZONE 4)
 - B) ESTIMATED HORIZONTAL (SEISMIC) BUILDING MOVEMENT, STORY DRIFT:
 - DELTA S = 1/2"
 - DELTA M = 1-3/4"
 - C) VERTICAL DEFLECTION BETWEEN TWO ADJACENT PERIMETER COLUMNS (CREEP AND SHRINKAGE) : 1/2" PER FLOOR
 - D) DEFLECTION OF SLABS DUE TO GRAVITY LOADING (LIVE LOAD AND LONG TERM CREEP IN POST-TENSIONED SLAB) : 1/2" PER FLOOR
 - E) THERMAL MOVEMENT OF EXTERIOR WALL ELEMENTS RESULTING FROM AMBIENT TEMPERATURE RANGE OF 30 DEGREES F TO 110 DEGREES F, (WHICH COULD RESULT IN A TEMPERATURE RANGE OF 30 TO 160 DEGREES F FOR EXTERIOR WALL SURFACES/COMPONENTS)
 - F) DETAILS AS SHOWN ANTICIPATE CONCRETE CONSTRUCTION TOLERANCE AS SET OUT BELOW. THESE FIGURES ARE TO BE ENCOUNTERED. THE CONTRACTOR SHALL FORMULATE HIS OWN CONCLUSIONS AS TO THE EXTENT OF SUCH CONSTRUCTIONS AND SHALL NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY IF THE SURVEY APPEARS TO BE AT VARIANCE WITH THE ACTUAL CONDITIONS ENCOUNTERED.
 4. THE CONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS THEREIN. THE CONTRACTOR SHALL INVESTIGATE, VERIFY FOR ALL CONDITIONS ON THE PROJECT, AND SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS REQUIRING MODIFICATION PRIOR TO PROCEEDING WITH THE WORK.
 5. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY LAYING OUT THE WORK AND FOR ALL LINES AND MEASUREMENTS FOR THE WORK.
 6. DETAILS SHOWN ARE INDICATIVE OF CHARACTER, PROFILES, MATERIALS AND SYSTEMS REQUIRED FOR THE WORK, INCLUDING THOSE CONDITIONS NOT SHOWN IN SPECIFIC DETAILS.
 7. WHERE DESIGN INTENT CANNOT BE DETERMINED FROM THE DRAWINGS OR SPECIFICATIONS, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

- BUILDING ENERGY DESIGN CRITERIA**
1. U-VALUE CRITERIA (BTU/(hr*sqft*F)):
 - A) EXTERIOR WALL SPANDREL (NON-VISION GLASS) AREAS: 0.40
 - B) EXTERIOR WALLS AREAS: 0.45
 - C) VISION (SINGLE) GLASS AT STOREFRONT: (LOBBY) 1.02
 - D) EXTERIOR SOFFITS: 0.031
 - E) FLOORS OVER UNCONDITIONED SPACE/ROOFS OVER CONDITIONED SPACES: 0.031
 - F) GLASS SOLAR HEAT GAIN COEFFICIENT: (SHGC)
 - G) TYPICAL VISION GLASS: 0.24
 - H) SKYLIGHTS: TBD

- FIRE SEPARATION AND FIRE RATING CRITERIA**
1. SEE BUILDING CODE MATRIX REQUIREMENTS (SHEET A0.07)

- SMOKE BARRIER TYPE CONSTRUCTION**
- 1) ALL STAIR VESTIBULE, STAIR SHAFT, UNIT DEMISING WALLS, ELEVATOR, MECHANICAL ELECTRICAL AND OTHER SHAFT WALLS, CORRIDOR WALLS, ALL WALLS AT OCCUPANCY SEPARATIONS AND RATED DRYWALL CEILINGS TO BE CONSTRUCTED AS SMOKE BARRIER TYPE CONSTRUCTION AS DEFINED IN SECTION 905.2.3 OF THE CALIFORNIA BUILDING CODE.

- 2) FOR SMOKE ZONE DESIGNATIONS REFER TO "SMOKE CONTROL REPORT" DATED MARCH 2006 AND SMOKE ZONE DIAGRAMS A0.50-53

- ACOUSTICAL REQUIREMENTS - GENERAL**
- A) LIVING UNITS:
 1. BEDROOMS: NC 37
 2. LIVINGROOMS, DINING ROOMS ETC.: NC 37
 - B) CORRIDORS: NC 40
 - C) TOILETS: NC 40
 - D) EXERCISE ROOMS: NC 40
 - E) OFFICES: NC 35
 - F) STORAGE: NC 55

- ACOUSTIC CRITERIA FOR ADJACENT SPACES(LAB TEST RESULT DATA):**
- A) DWELLING TO DWELLING: (BR, LR ETC.) STC 60; IIC 60
 - B) DWELLING TO DWELLING: (KITCHEN, BATHROOM) STC 60; IIC 55
 - C) CORRIDOR TO DWELLING: STC 50; IIC N/A
 - D) PUBLIC USE SPACE TO DWELLING: STC 60; IIC 55
 - E) GARAGE TO DWELLING: STC 60; IIC N/A
 - F) DWELLING ROOM TO DWELLING STC 65; IIC 60
 - G) MECHANICAL UNIT ENTRY DOORS: STC 29; PROVIDE SEALS AS SHOWN ON DETAIL DRAWINGS

- ANY PROPOSED CHANGES TO A FLOOR-CEILING ASSEMBLY, PARTY WALL, PLUMBING WALL, CORRIDOR WALL OR OTHER SOUND RATED PARTITION REQUIRES REVIEW BY THE ARCHITECT AND ACOUSTIC CONSULTANT.

- REFER TO SPECIFICATION SECTION 01410 FOR ADDITIONAL ACOUSTIC PERFORMANCE REQUIREMENTS & TESTING.

- EXTERIOR WALL ACOUSTIC PERFORMANCE REQUIREMENTS**
1. EXTERIOR WALL SHALL BE DESIGNED TO MEET STC RATINGS AS SHOWN IN DIAGRAMS 1-4/A0.05
 2. SUBMIT LABORATORY TEST REPORTS TO VERIFY DESIGN MEETS SPECIFIED STC RATINGS. SUBMIT TESTING PROPOSAL TO ARCHITECT FOR REVIEW OF TEST SPECIMEN AND TEST PROCEDURE. TESTING PROCEDURE TO BE IN ACCORDANCE WITH ASTM E-90. TEST SPECIMEN SHALL BE CONSTRUCTED AS SHOWN ON THE DRAWINGS AND/OR AS NOTED BELOW TO MEET THE U-VALUE PERFORMANCE REQUIREMENTS OF THE PROJECT DESIGN CRITERIA.
 - A) FIXED GLASS AND BALCONY DOOR
 - B) FIXED GLASS AND OPERABLE VENT FOR ALL SPECIFIED STC RATINGS.

3. ADDITIONAL TESTING REQUIRED TO VERIFY THE FOLLOWING:
 - A) CONCRETE SLAB/CURTAINWALL JUNCTION TO MEET STC 60.
 - B) INTERIOR DEMISING PARTITION/CURTAIN WALL JUNCTION TO MEET STC 58.

4. SPANDREL AREAS OF THE CURTAINWALL ARE TO INCLUDE (2) LAYERS OF 1/2" DRYWALL LINING AS SHOWN ON DETAIL DRAWINGS (OR EQUIVALENT MATERIAL WITH 4lbs/sf SURFACE DENSITY.) NOTE THAT THE REQUIRED FACADE STC RATINGS ARE BASED ON THIS PROVISION, AND WOULD NEED TO BE ADJUSTED SHOULD THIS LINING BE OMITTED OR REDUCED.

5. PERIODIC FIELD TESTS WILL BE CONDUCTED ON INSTALLED PANELS TO VERIFY ACTUAL DNL AND STC RATINGS.

6. REFER TO TECHNICAL SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

- LEGEND FOR STC RATINGS:**
- | | | |
|--|----------|----------|
| | NOT USED | STC 34 |
| | STC 40 | NOT USED |
| | STC 38 | NOT USED |

MINIMUM HEADROOM REQUIREMENTS:

1. PROVIDE CEILING HEIGHTS AS SHOWN ON DRAWINGS. MINIMUM HEADROOMS SHALL NOT BE LESS THAN THOSE CLEAR HEIGHTS LISTED BELOW:
 - A) IN GARAGE, TO LOWEST BEND, PIPE, DUCT, OR SUPPORT: 7'-0" NOTE: 8'-2" WHERE REQUIRED FOR ACCESSIBILITY,9'-6" WHERE PASSENGER DROP OFF ZONE PROVIDED IN PUBLIC-USE AREAS
 - B) IN HABITABLE SPACES: 7'-6"
 - C) IN KITCHENS, HALLS, BATHROOMS: 7'-0"
 - D) BALCONIES MAY NOT BE < 7'-0" TO LOWEST PROJECTION

PROJECT GENERAL NOTES

- GENERAL NOTES**
- 1) PROJECT ELEVATIONS INDICATED ON THE DRAWINGS (FOR EXAMPLE +12.00) ARE PROJECT DATUM ELEVATIONS. 0'-0" PROJECT DATUM = 55'-1" SAN FRANCISCO CITY DATUM. (SFCD) FINISHED PAVING ELEVATIONS ALONG HARRISON AND FIRST STREETS ARE SFCD ELEVATIONS.
 - 2) REFER TO DRAWINGS OF OTHER DISCIPLINES FOR ADDITIONAL INFORMATION AND COORDINATION OF THE WORK.
 - 3) THE OWNER SHALL MAKE AVAILABLE A SURVEY OF THE SITE, EXISTING UTILITIES AND EXISTING CONSTRUCTION. THE SURVEY REPRESENTS ALL CONDITIONS KNOWN TO THE OWNER. OTHER CONSTRUCTION, OF WHICH NO RECORDS ARE AVAILABLE, MAY BE ENCOUNTERED. THE CONTRACTOR SHALL FORMULATE HIS OWN CONCLUSIONS AS TO THE EXTENT OF SUCH CONSTRUCTIONS AND SHALL NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY IF THE SURVEY APPEARS TO BE AT VARIANCE WITH THE ACTUAL CONDITIONS ENCOUNTERED.
 4. THE CONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS THEREIN. THE CONTRACTOR SHALL INVESTIGATE, VERIFY FOR ALL CONDITIONS ON THE PROJECT, AND SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS REQUIRING MODIFICATION PRIOR TO PROCEEDING WITH THE WORK.
 5. THE CONTRACTOR IS RESPONSIBLE FOR PROPERLY LAYING OUT THE WORK AND FOR ALL LINES AND MEASUREMENTS FOR THE WORK.
 6. DETAILS SHOWN ARE INDICATIVE OF CHARACTER, PROFILES, MATERIALS AND SYSTEMS REQUIRED FOR THE WORK, INCLUDING THOSE CONDITIONS NOT SHOWN IN SPECIFIC DETAILS.
 7. WHERE DESIGN INTENT CANNOT BE DETERMINED FROM THE DRAWINGS OR SPECIFICATIONS, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

- DIMENSIONING**
- A) DIMENSIONS SHALL GOVERN; DO NOT SCALE THE DRAWINGS. WHERE THERE APPEARS TO BE A DISCREPANCY BETWEEN DIMENSIONS, OR WHERE DIMENSIONS CANNOT BE DETERMINED, CONSULT THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
 - 2) THE CONTRACTOR SHALL VERIFY THE DIMENSIONS SHOWN ON THE PROJECT, AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES FOUND BETWEEN THE DRAWINGS AND THE SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. CONTRACTOR WILL BE HELD RESPONSIBLE IF THEY PROCEED WITH THE WORK.
 - 3) ALL CORE WALLS AND PARTITIONS (I.E. STAIRS, ELEVATOR SHAFTS, MECHANICAL SHAFTS AND CAVITY/CHASE WALLS ETC.) ARE DIMENSIONED, TO THE INSIDE FACE OF WALLS RELATIVE TO THE CLEAR OPENING REQUIREMENT.
 - 4) UNLESS SHOWN OTHERWISE, ALL DOORS SHALL BE LOCATED SO THAT THERE IS A 2" RETURN BETWEEN THE JAMB FRAME AND ANY PERPENDICULAR WALL.
 - 5) UNLESS NOTED OTHERWISE, TYPICAL FLOOR ELEVATIONS ARE INDICATED TO THE TOP OF THE STRUCTURAL SLAB. WHERE SLABS ARE DERESSED TO RECEIVE AN ARCHITECTURAL FINISH, SUCH AS IN LOBBY AREAS, THE ELEVATIONS INDICATE THE TOP OF THE FINISHED FLOOR.
 - 6) UNLESS SHOWN OTHERWISE, ELEVATIONS SHOWN ON THE ROOF PLANS INDICATE THE HIGH AND LOW POINTS OF THE SLOPED STRUCTURAL SLABS OR CONCRETE FILL SLABS. WHERE TAPERED INSULATION IS USED FOR FLAT STRUCTURAL SLABS, ELEVATIONS INDICATE HIGH AND LOW POINTS OF THE TAPERED INSULATION.
 - 7) CEILING HEIGHTS REPORTED ON REFLECTED CEILING PLANS ARE SET RELATIVE TO THE DESIGN ELEVATION OF TOP OF CONCRETE SLAB, EXCLUSIVE OF CONSTRUCTION TOLERANCES AND DEFLECTION

- CONCRETE PAVING**
- 1) PROVIDE FINISH TO EXPOSED CONCRETE PAVING AS INDICATED ON DRAWINGS OR AS DEFINED BELOW. WHERE NOT INDICATED, DIRECTION OF FINISH SHALL RUN PERPENDICULAR TO DIRECTION OF TRAFFIC.
 - A) VEHICULAR DRIVES AND PARKING SURFACES: COARSE BROOM FINISH.
 - B) PEDESTRIAN WALKWAYS: FINE BROOM FINISH.

MISCELLANEOUS CONCRETE

- 1) PROVIDE A 6" HIGH REINFORCED CONCRETE EQUIPMENT PAD UNDER ALL FLOOR MOUNTED EQUIPMENT.
- 2) PROVIDE A 6" HIGH CONCRETE CURB AROUND ALL HIGH VOLTAGE, EMERGENCY AND COMMUNICATION RISERS AT EACH FLOOR LEVEL, AND AT FLOOR OPENINGS IN MECHANICAL EQUIPMENT ROOMS.
- 3) ALL UTILITY COMPANY HIGH VOLTAGE HORIZONTAL CABLE RUNS AND VERTICAL HIGH VOLTAGE CABLE RISERS FEEDING TRANSFORMER ROOMS SHALL BE ENCASED IN CONCRETE.
- 4) ALL CONCRETE PARAPETS AND CURBS SHOWN ON THE ARCHITECTURAL AND OR STRUCTURAL DRAWINGS SHALL BE ANCHORED AND REINFORCED.

- STONE**
- 1) REFER TO EXTERIOR WALL NOTES ON DRAWING A0.05 FOR EXTERIOR STONE GENERAL NOTES.
 - 2) MINIMUM INTERIOR STONE THICKNESS EXCLUDING PAVING AND COUNTERTOPS SHALL BE AS FOLLOWS:
 - A) GRANITE: VERTICAL CLADDING: 1 1/4"
 - HORIZONTAL (OVERHEAD) CLADDING: 1 1/4"
 - B) MARBLE: VERTICAL CLADDING 1 1/4"
 - HORIZONTAL (OVERHEAD) CLADDING: 2"
 - 3) MINIMUM STONE PAVING THICKNESS SHALL BE:
 - A) GRANITE: INTERIOR 1 1/4", EXTERIOR: 2"
 - B) MARBLE: INTERIOR: 1 1/4"

- 4) WHERE AREAS PAVED IN NATURAL STONE ARE TO BE SUBJECT TO VEHICULAR TRAFFIC, INCLUDING BUILDING MAINTENANCE LIFTS OR SPIDERS, CONTRACTOR TO SUBMIT CALCULATIONS SUBSTANTIATING THE ADEQUACY OF THE STONE THICKNESS PROPOSED FOR THAT AREA. CALCULATIONS TO BE BASED ON PHYSICAL TEST DATA FROM ACTUAL STONE INTENDED FOR USE IN THAT AREA.

- 4) PROVIDE EXPANSION JOINTS IN ARCHITECTURAL FINISHED STONE PAVING BASED ON AN AREA NOT TO EXCEED 1000 SF. (OR MAX. 30' IN ANY DIRECTION) OR AS INDICATED ON DRAWINGS, AND AT BUILDING FACE AND AT FOUNDATION WALLS.

- 5) UNLESS SHOWN OTHERWISE, EXTERIOR PAVING EXPANSION JOINTS SHALL BE 1/2" WIDE. EXPANSION JOINT SEALER TO BE ONE PART POURABLE SELF LEVELING POLYURETHANE SEALANT IN CUSTOM COLOR TO MATCH ARCHITECT'S SAMPLE.

- 6) UNLESS SHOWN OTHERWISE EXTERIOR PAVING JOINTS SHALL BE 1/8" WIDE AND IN CUSTOM COLOR GROUT TO MATCH ARCHITECT'S SAMPLE.

METAL FABRICATIONS

- 1) ALL EXTERIOR STEEL FABRICATIONS SHALL BE HOT DIP GALVANIZED PRIOR TO PAINTING.
- 2) PROVIDE A STEEL ELEVATOR PIT ACCESS LADDER FOR EACH ELEVATOR.
- 3) PROVIDE STEEL HANGER CHANNEL AND LATERAL BRACING FOR HANGER CHANNEL AT CEILING HUNG TOILET PARTITIONS.
- 4) PROVIDE STEEL ANGLE GUARDS AT CONCRETE ENCASED COLUMNS AND CMU WALLS IN LOADING BAY/BERTH AREA.
- 5) PROVIDE STEEL PIPE GUARDS FOR ALL EXPOSED PIPES IN LOADING BAY/CERTH AREA. GUARDS TO BE GALVANIZED MILD STEEL PLATE OR CHANNEL.

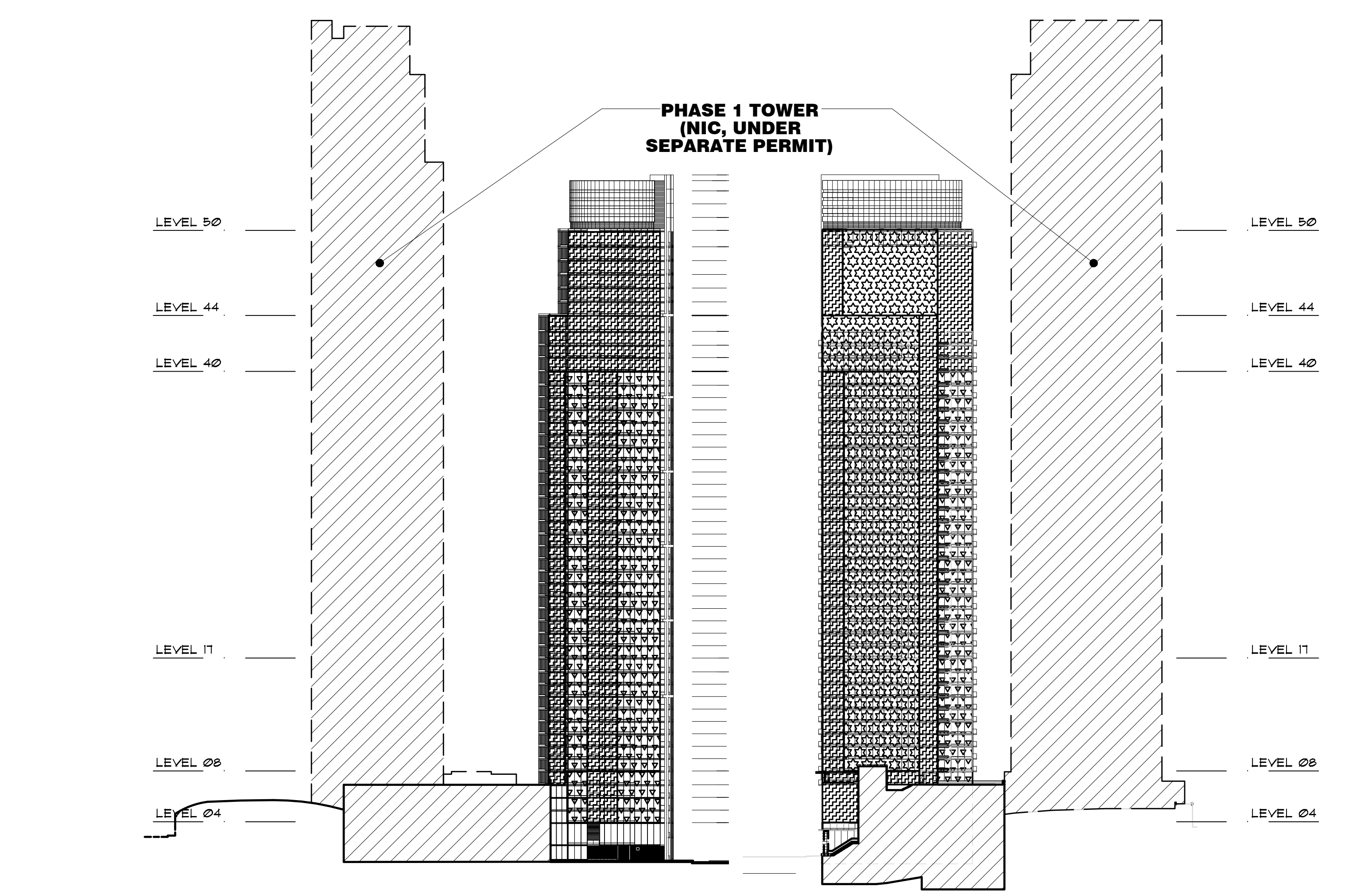
FIREPROOFING

- 1) PROVIDE FIREPROOFING TO STRUCTURAL STEEL FRAMING MEMBERS OF THICKNESS AND DENSITY AS REQUIRED BY UL TEST TO ATTAIN THE REQUIRED FIRE ENDURANCE RATING AS SPECIFIED IN THE PROJECT DESIGN CRITERIA.
- 2) PROVIDE LOW DENSITY SPRAY-ON CEMENTITIOUS FIRE SPRAY FOR INTERIOR CONCEALED AREAS, AND EXPOSED OVERHEAD AREAS NOT SUBJECT TO TRAFFIC OR ABUSE. PROVIDE PROTECTIVE SEALER TO EXPOSED FIREPROOFING IN ELEVATOR SHAFTS, EQUIPMENT ROOMS, RETURN AIR PLENUMS AND NON-DUCTED RETURN AIR SHAFTS, AND TO EXPOSED OVERHEAD AREAS.
- 3) PROVIDE MEDIUM DENSITY SPRAY-ON CEMENTITIOUS FIRE SPRAY TO AREAS SUBJECT TO MINOR TRAFFIC OR ABUSE.
- 4) PROVIDE HIGH DENSITY SPRAY-ON CEMENTITIOUS FIRE SPRAY TO EXPOSED AREAS SUBJECT TO WEATHER, ABUSE OR TRAFFIC.
- 5) PROVIDE INTUMESCENT MASTIC SPRAY ON FIREPROOFING WHERE INDICATED.
- 6) THE OWNERS TESTING LABORATORY WILL CARRY OUT INSPECTIONS AND TESTS TO VERIFY THE CONDITION OF THE SUBSTRATE, AND THICKNESS, DENSITY AND BOND STRENGTH OF THE FIREPROOFING.

- FIRESTOPPING**
- 1) THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF DUCTS, PIPES, CONDUITS, CABLE TRAYS, CABLES AND OTHER PENETRATIONS THROUGH SMOKE AND FIRE RATED FLOORS, WALLS AND CEILINGS SUCH THAT THE STRUCTURAL INTEGRITY OF THE ELEMENT BEING PENETRATED IS NOT COMPROMISED, THERE IS ADEQUATE WORKING CLEARANCE AROUND THE PENETRATING ELEMENT TO ALLOW FOR THE INSTALLATION OF THE FIRE STOP ASSEMBLY; THE MINIMUM CEILING HEIGHT AS SHOWN ON THE DRAWINGS IS MAINTAINED; AND A TESTED FIRE STOP ASSEMBLY CAN BE INSTALLED. IN GYPSUM WALL BOARD CONSTRUCTION, SPACE PENETRANTS SUCH THAT A DOUBLE OR TRIPLE STUD SPAN VERTICALLY FROM STRUCTURE TO STRUCTURE AT 4' OR 6' INTERVALS RESPECTIVELY. CONFIRM WIDER SPACING OF VERTICAL STUDS WITH THE GYPSUM WALL BOARD CONTRACTOR.
 - 2) PROVIDE FRAMING IN GYPSUM WALLBOARD PARTITIONS FOR ALL OPENINGS LARGER THAN 8".

- FINISH MATERIAL CONTROL JOINTS**
- 1) PROVIDE CONTROL JOINTS IN VENEERED PLASTER OR FINISHED PLASTER PARTITIONS AND CEILINGS AS SHOWN OR IF NOT ON DRAWINGS AS INDICATED BELOW:
 - A) AT DOOR FRAMES UPWARDS FROM EACH JAMB FRAME CORNER.
 - B) WHERE EXPANSION JOINTS OCCUR IN WALL OR FLOOR CONSTRUCTION SUPPORTING LATH AND PLASTER SYSTEM.
 - C) WHERE LATHE AND PLASTER SYSTEM ABUTS A STRUCTURAL ELEMENT OTHER THAN THE FLOOR, ABUTS DISSIMILAR CONSTRUCTION, OR THE CONSTRUCTION CHANGES WITHIN THE PLANE OF THE SYSTEM.
 - D) FOR GYPSUM PLASTER AND VENEER PLASTER SYSTEMS WHERE PARTITION OR WALL FURRING DIMENSION EXCEEDS 30' IN EITHER DIRECTION. WHERE CEILING DIMENSION EXCEEDS 50' IN EITHER DIRECTION OR EXCEEDS 2400 SF, OR WHERE FRAMING CHANGES DIRECTION.
 - E) FOR CEMENT PLASTER WALL SYSTEMS WHERE WALL AREA EXCEEDS 140 SF, WHERE CEILING OR SOFFIT EXCEEDS 100SF, OR WHERE LENGTH TO WIDTH RATIO EXCEED 12.5 OR DIMENSION EXCEEDS 18' OR WHERE CEILING OR SOFFIT FRAMING CHANGES DIRECTION.
 - 2) PROVIDE CONTROL JOINTS IN DRYWALL PARTITIONS AND CEILINGS WHERE SHOWN OR AS NOTED BELOW:
 - A) AT DOOR FRAMES UPWARDS FROM BOTH JAMB FRAME CORNERS.
 - B) WHERE EXPANSION OR CONTROL JOINTS OCCUR IN THE FLOOR OR WALL SUPPORT FOR THE GYPSUM BOARD SYSTEM.
 - C) WHERE GYPSUM BOARD SYSTEM ABUTS A STRUCTURAL ELEMENT OTHER THAN THE FLOOR, ABUTS DISSIMILAR CONSTRUCTION, OR THE CONSTRUCTION CHANGES WITHIN THE PLANE OF THE SYSTEM.
 - D) WHERE DIMENSIONS OF GYPSUM BOARD EXCEED 30' IN ANY DIRECTION IN THE SAME PLANE OR 50' FOR INTERIOR SYSTEM CONSTRUCTED WITH PERIMETER RIELO.
 - E) WHERE WINGS OF 'U', 'V', OR 'T' SHAPED CEILING SUPPORT SYSTEMS ARE JOINED.
 - 3) PROVIDE CONTROL JOINTS IN CERAMIC OR TILE FLOORS AND WALLS WHERE SHOWN OR AS NOTED BELOW IF NOT SHOWN:
 - A) BETWEEN 24" TO 36" SPACING IN EACH DIRECTION.TYPICALLY.
 - B) BETWEEN 12" TO 16" SPACING FOR AREAS SUBJECT TO DIRECT SUNLIGHT OR MOISTURE.

- SMOKE BARRIER TYPE CONSTRUCTION**
- 1) ALL STAIR VESTIBULE, STAIR SHAFT, UNIT DEMISING WALLS, ELEVATOR, MECHANICAL ELECTRICAL AND OTHER SHAFT WALLS, CORRIDOR WALLS, ALL WALLS AT OCCUPANCY SEPARATIONS AND RATED DRYWALL CEILINGS TO BE CONSTRUCTED AS SMOKE BARRIER TYPE CONSTRUCTION AS DEFINED IN SECTION 905.2.3 OF THE CALIFORNIA BUILDING CODE.



3 MINIMUM STC RATING - SOUTH ELEVATION

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

