

PART 15 ELECTRICAL

THE GENERAL REQUIREMENTS APPLY. INSTALL TEMPORARY SERVICE AS REQUIRED.

GENERAL

COMPLETE ELECTRICAL SYSTEM REQUIRED, PROVIDE ALL NECESSARY SERVICES.

STANDARDS

ALL ELECTRICAL MATERIALS SHALL BE NEW AND UNDERWRITER' LAB., INC., APPROVED. COMPLY WITH ALL APPLICABLE LOCAL AND STATE WIRING ORDINANCES, REGULATIONS OF THE NEC OF THE NBFU AND WITH THE REQUIREMENTS OF THE UTILITY COMPANY FURNISHING SERVICES. THE SAME APPLIES TO TELEPHONE COMPANY FURNISHING SERVICE. PROCURE AND PAY FOR ALL PERMITS, LICENSES, ETC.

SPECIAL REQUIREMENT

POWER FOR ALL MECHANICAL EQUIPMENT, SWIMMING POOL REQUIREMENTS, AND SAUNA AND STEAM ROOMS IN CHANGE AREA.

LIGHTING

TO INCLUDE REQUIRED FIXTURES AND OUTLETS FOR UNIT AREAS, PUBLIC AREAS, PARKING, AND DECORATIVE REQUIREMENTS, ETC.

MECHANICAL EQUIPMENT, WIRING AND CONNECTIONS

TELEPHONE CABLES AND OUTLETS SHALL BE ROUGHED IN BY THE TELEPHONE COMPANY PRIOR TO FINISHING OF WALLS AND CEILINGS, OR MUST HAVE CONDUITS IN FLOOR. ELECTRICAL CONTRACTOR SHALL SCHEDULE AND COORDINATE THE INSTALLATION WITH OTHER TRADES AND ANY COST RESULTING FROM IMPROPER SCHEDULING HE SHALL BEAR. IF UNDERGROUND SERVICE IS TO BE PROVIDED BY VAIL VILLAGE, THEN THE UNDERGROUND SERVICE SHALL BE INSTALLED TO THE FUTURE LOCATION OF THIS SERVICE IN STREET AND A TEMPORARY CONNECTION MADE FROM A TEMPORARY VERTICAL RISER.

ALL COST INVOLVED IN THE TELEPHONE SYSTEM INSTALLATION INCLUDING LABOR, MATERIALS, TELEPHONE COMPANY CHARGES AND ETC., SHALL BE IN THE ELECTRICAL CONTRACTOR'S BASE BID.

PART 16 MECHANICAL

GENERAL SECTION A

SUBJECT TO THE GENERAL CONDITIONS PROVIDE, INSTALL, ADJUST AND WARRANT COMPLETE OPERATING SYSTEMS INCLUDING THE MAJOR COMPONENTS AND ACCESSORIES SUBSEQUENTLY SPECIFIED, TOGETHER WITH MINOR ACCESSORIES AND MISCELLANEOUS ITEMS REQUIRED FOR A COMPLETE INSTALLATION.

STANDARDS

COMPLY WITH CURRENT CODES, ORDINANCES AND REGULATIONS OF THE NBFU, STATE AND COUNTY, OF SITE. IN CASE OF CONFLICT, THE MORE STRINGENT REGULATIONS SHALL CONTROL.

PERMITS AND WARRANTY

MAKE ALL APPLICATION FOR AND PAY FOR ALL PERMITS AND CERTIFICATES OF INSPECTION. WARRANT ALL WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR FOLLOWING FINAL ACCEPTANCE AS CERTIFIED BY THE ARCHITECT.

SLEEVES AND WALL BOXES

PROVIDE STEEL PIPE SLEEVES FOR ALL PIPES AND WOOD BOXES FOR ALL DUCTS PASSING THROUGH BUILDING CONSTRUCTION.

EXCAVATION AND BACKFILL

DO ALL EXCAVATING AND BACKFILLING NECESSARY TO INSTALL THE MECHANICAL COMPONENTS SPECIFIED OR IMPLIED. WATER PIPES AND SEWER SHALL BE KEPT BELOW THE FROST LINE, SIX FOOT MINIMUM COVERAGE OR TO THAT DEPTH FROM WHICH THE SERVICES ARE SUPPLIED. INSTALL UNDERGROUND SERVICES AND SEWERS TO POINT OF CONNECTION WITH SERVICES TO BE INSTALLED. ALL TO BE DONE IN ACCORD WITH BEST PRACTICE.

PIPEHANGER AND ESCUTCHEONS

SUPPORT ALL SUSPENDED PIPING SECURELY IN PLACE; ANCHOR SOLIDLY TO BUILDING CONSTRUCTION AS IS REQUIRED BY THE BEST PRACTICE OF THE TRADE. ESCUTCHEONS WHEREVER PIPES PENETRATE FINISHED SPACES.

WORKMANSHIP

STRICTLY FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLING, CONNECTING AND ADJUSTING EQUIPMENT.

TESTS AND ACCEPTANCE

TEST MUST BE CONDUCTED TO ASSURE THAT ALL SYSTEMS ARE SOUND AND THE ARCHITECT MUST INSPECT THE SYSTEM BEFORE IT WILL BE FINALLY ACCEPTED, IN ACCORD WITH BEST PRACTICE OF PRESSURE TESTS.

PLUMBING, SECTION B

PROVIDE A COMPLETE VENT, WASTE AND SOIL DRAINAGE SYSTEM, ACCORDING TO THE BEST PRACTICE OF THE TRADE AND IN COMPLIANCE WITH ALL CODES. PROVIDE PORTABLE HOT AND COLD WATER SYSTEM INCLUDING ALL FIXTURES. FIXTURES FOR THE UNITS WILL INCLUDE AMERICAN STANDARD COLORED BUILDERS UNITS OR EQUAL. FIVE FOOT TUBS, TOILETS, COUNTER SET LAVATORIES. WATER PIPING COPPER WITH COPPER CONNECTORS AS SPECIFIED. SWIMMING POOL FILTER PLANT. GARDEN HOSE BIBS AS REQUIRED.

HEATING SECTION C

PROVIDE FIN TUBE HOT WATER BASEBOARD RADIATION WITH INDIVIDUAL CONTROLS. VENTILATION SYSTEMS FOR ALL TOILET, KITCHEN AND STORAGE AREAS REQUIRING ADDITIONAL AIR CHANGES WITHOUT RETURN AIR. HEATING SYSTEM TO BE CONTROLLED HOT WATER 70 DEGREES AT -10 DEGREES. VENTILATION SYSTEM FOR CENTRAL ATRIUM TO PROVIDE AIR CHANGES AS REQUIRED FOR COMFORT.

ELEVATORS

TWO (2) ELECTRIC S.W.T. PASSENGER ELEVATORS. OPERATION, COLLECTIVE RESIST WITH LEVELING. DUTY LOAD, 2,000 LBS. SPEED, 150 FPM. TO BE SUPPLIED BY OTIS ELEVATOR COMPANY OR QUALIFIED EQUAL.

POOL

PADDOCK SPECIFICATIONS, COMPLETE WITH POOL HEATER, SKIMMER, UNDERWATER LIGHTS, FILTERS, AND AUTOMATIC BACTERIAL CONTROL.