

SECTION 0105: ADMINISTRATIVE PROVISIONS

WORK OF THE CONTRACT INCLUDES THE FURNISHING OF ALL MATERIALS, LABOR, EQUIPMENT, TOOLS, TRANSPORTATION, INSURANCE, SALES TAXES, PERMITS, LICENSES, SUPERINTENDENT AND MISCELLANEOUS SERVICES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT AS REQUIRED BY THE PLANS AND SPECIFICATIONS.

CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL FACILITIES FOR TEMPORARY LIGHT AND POWER WITHIN THE CONSTRUCTION AREA DURING THE ENTIRE BUILDING PERIOD.

ALL EXISTING AREAS TO REMAIN AND EXISTING AREAS EFFECTED BY DEMOLITION OR NEW CONSTRUCTION WORK SHOWN ON THE DRAWINGS SHALL BE PATCHED AS REQUIRED TO MATCH IMMEDIATE ADJACENT AREAS IN CONSTRUCTION, MATERIAL, FIRE RATING, FINISH AND COLOR, UNLESS OTHERWISE NOTED.

ALL WORK DONE UNDER THIS CONTRACT SHALL CONFORM TO ALL APPLICABLE CODES, ORDINANCES AND GOVERNMENT REGULATIONS HAVING JURISDICTION OVER THE WORK.

ALL MATERIALS DELIVERED TO THE JOB SITE SHALL BE PROPERLY STORED WITHIN THE PREMISES OR A LOCATION DESIGNATED BY BUILDING OWNER. DELIVERY, HANDLING AND STORAGE OF PRODUCTS SHALL BE IN A MANNER TO PREVENT DAMAGE, DETERIORATION, LOSS OR THEFT.

RISK OF DAMAGE, DETERIORATION, LOSS OR THEFT SHALL BE THE SOLE LIABILITY OF THE SUBCONTRACTOR AND/OR THE SUPPLIER PLACING OR STORING MATERIALS ON SITE.

GENERAL CONTRACTOR SHALL NOT BE RESPONSIBLE FOR DAMAGE, DETERIORATION, LOSS OR THEFT OF MATERIALS PLACED ON JOB BY OTHERS.

CONTRACTOR SHALL MAINTAIN SITE IN A STATE OF CLEANLINESS THROUGHOUT CONSTRUCTION PERIOD, PROVIDING ADEQUATE TEMPORARY STORAGE FOR WASTE MATERIAL WITHIN THE PREMISES OR A LOCATION DESIGNATED BY BUILDING OWNER. OBSERVING REQUIREMENTS FOR SAFETY AND FIRE PROTECTION, AND REMOVAL AND LEGAL DISPOSAL OF WASTE MATERIAL AS OFTEN AS REQUIRED.

COSTS OF REPLACEMENT AND/OR CORRECTION OF DAMAGED SURFACES SHALL BE BORNE BY THE SUBCONTRACTOR RESPONSIBLE FOR SAID DAMAGE. PROTECTION OF THE PROJECT FIXTURES AND FINISHES IS THE RESPONSIBILITY OF THE CONTRACTOR. COVER SURFACES AS NECESSARY TO PROTECT AGAINST DAMAGE.

ALL MATERIALS AND CONSTRUCTION METHODS SHALL MATCH AND COMPLY WITH LANDLORD STANDARDS. NO CHANGES ARE TO BE MADE WITHOUT APPROVAL FROM ARCHITECT OR ENGINEER.

CONTRACTOR IS RESPONSIBLE FOR RECEIVING, UNPACKING, AND INSTALLING ALL EQUIPMENT INCLUDING ALL REQUIRED CONNECTIONS FOR OPERATION.

CONTRACTOR IS RESPONSIBLE FOR FINAL CLEANING FOR CLEANING ALL FLOOR DRAINS.

SECTION 0610: ROUGH AND FINISH CARPENTRY

INTERIOR BLOCKING SHALL BE CONSTRUCTION GRADE PINE, FIR OR CEDAR, STRAIGHT AND SOLID WHERE REQUIRED BY CODE. BLOCKING SHALL BE FIRE RESISTANT TREATED AND BEAR THE APPROPRIATE MARKING INDICATING COMPLIANCE. BLOCKING MAY ALSO BE ROLL FORMED FROM 18 GAUGE STEEL.

PROVIDE BLOCKING BETWEEN STUDS WHENEVER FINISH MILLWORK, WALL CABINETS OR GRAPHIC PANELS OR ACCESSORIES MAY BE ATTACHED TO WALL. BLOCKING SHALL BE SET PLUMB AND TRUE WITH SQUARE CORNERS.

INSTALLATION OF WOOD DOORS:

A. VERIFY THAT THE DOOR IS IN SOUND CONDITION, UNBLEMISHED, WITHOUT WARP, TWIST, BOW OR OTHER ATTRIBUTES CAUSING IT TO BE REJECTED UPON INSTALLATION.

B. TRIM WOOD DOORS AS NECESSARY TO PROVIDE A UNIFORM CLEARANCE OF 4" AT JAMB AND HEAD, AND A UNIFORM CLEARANCE AT THE THRESHOLD OR FLOOR TO PROPERLY CLEAR THE FLOOR COVERING DESCRIBED ON THE FINISH SCHEDULE.

INSTALLATION OF CASEWORK:

A. LAYOUT AND INSTALL CASEWORK ACCURATELY AND NEATLY AS DETAILED USING SKILLED WORKMEN THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS.

B. ANCHOR ALL ITEMS FIRMLY INTO POSITION.

C. COMPLETED INSTALLATION SHALL BE PLUMB AND LEVEL WITH ALL JOINTS ACCURATELY AND CLEANLY MATCHED AND TIGHT.

D. COMPLETE INSTALLATION SHALL BE ACCURATELY SCRIBED TO ADJACENT CONSTRUCTION TO AVOID GAPS AND OTHER DEFECTS.

E. UPON COMPLETION OF THE INSTALLATION, VISUALLY INSPECT EACH REPAIR ALL DEFECTS SO THAT NONE ARE VISIBLE, THOROUGHLY CLEAN ALL EXPOSED AND SEMI-EXPOSED COMPONENTS FOR OPTIMUM OPERATION.

WALL PROTECTION AT DOORS TO BE AS FOLLOWS (OR EQUAL) AND INSTALLED AT LOCATIONS AS INDICATED ON DRAWINGS: WALL STOPS: HANGER # 237 CONCAVE WALLSTOP, DOME STOPS: HANGER # 241F.

SECTION 0640: ARCHITECTURAL WOODWORK

WOODWORK TO BE CUSTOM GRADE AS DEFINED IN THE LATEST EDITION OF THE ARCHITECTURAL WOODWORK INSTITUTE "QUALITY STANDARDS"

PARTICLEBOARD USED IN THE FABRICATION OF THE CASEWORK SHALL BE WHITE DENSITY TYPE 1, GRADE B, CLASS 2, MEETING ASTM D1037 SPECIFICATIONS. EXPOSED EDGES SHALL BE EDGE Banded.

ALL EXPOSED SURFACES SHALL BE PLASTIC LAMINATE COVERED, EXCEPT THOSE SPECIFICALLY INDICATED AS EXPOSED HARDWOOD, SOLID SURFACING, ETC. ON THE DRAWINGS.

CASEWORK HARDWARE SHALL BE FURNISHED BY AND INSTALLED BY THE CASEWORK MANUFACTURER. HARDWARE SHALL BE AS FOLLOWS, AND EQUIVALENT SPECIFICATIONS MAY BE SUBSTITUTED:

A. HINGES: EQ. TO STANLEY OR RUM FULLY CONCEALED SELF-CLOSING.

B. GLIDES: ACCURATE, FULL EXTENSION, GLIDES.

C. FILE DRAWER GLIDES: ACCURATE, FULL EXTENSION, SELF-CLOSING, 50LBS.

D. STANDARDS: EQUAL TO KV #547.

E. DRAWER LOCKS: EQUAL TO KV#98.

F. PULLS: BRUSHED ALUMINUM 3/16" WIRE PULLS EQUIVALENT TO STANLEY.

ARCHITECTURAL WOODWORK DELIVERED TO JOB SITE SHALL BE PROPERLY LOADED, PROTECTED AND SECURED IN TRUCK IN SUCH A MANNER AS TO PREVENT DAMAGES DURING TRANSPORT.

WOODWORK SHALL BE PROPERLY SECURED AND PROTECTED AT ALL TIMES AND CONTRACTOR SHALL HAVE DELIVERY SCHEDULED TO COINCIDE WITH INSTALLATION DATES IN ORDER TO MINIMIZE STORAGE AT SITE. CONTRACTOR TO PROVIDE STORAGE CONTAINERS AT SITE.

SECTION 0720: SEALANT AND CAULKING

INSTALL AT ALL JOINTS BETWEEN DISSIMILAR MATERIALS. MAXIMUM SEALING JOINT 2" CAULKING AT INTERIOR DRY AREAS SHALL BE LATEX CAULK.

CAULKING AT MILLWORK SHALL BE ACRYLIC LATEX CAULK TO MATCH EXACTLY THE LAMINATE COLOR.

SEALANT AND CAULKING SHALL BE INSTALLED IN FULL ACCORDANCE WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR INTENDED USE AND IN SUCH A MANNER AS TO PROVIDE MOVEMENT IN 2 AXES.

AREAS TO BE CAULKED SHALL BE CLEAN AND DRY.

CAULK ALL JOINTS BETWEEN MILLWORK AND OTHER CONSTRUCTION.

SECTION 0810: HOLLOW METAL FRAMES

HOLLOW METAL FRAMES SHALL CONFORM TO ANSI S101.100 AND SHALL BE FINISHED TO A 3600 STEEL, 16 GA. COMPLETE WITH HARDWARE AND ACCESSORIES.

PROVIDE SEALANT ENTIRE BOTH FACES OF FRAME.

INSTALL SHALL BE IN ACCORDANCE WITH DOOR AND HARDWARE INSTITUTE PUBLICATION "THE INSTALLATION OF COMMERCIAL DOORS AND STEEL FRAMES, INCLUDING STEEL DOORS IN WOOD FRAMES, AND BUILDERS HARDWARE."

SECTION 0820: FINISH HARDWARE

HARDWARE SHALL BE THE PRODUCT OF A NATIONALLY RECOGNIZED MANUFACTURER AND AS INDICATED ON THE DRAWINGS.

ALL LOCK SETS SHALL BE ADA RATED. LEVER TYPE HARDWARE AND NOTED IN THE SCHEDULE AND SHALL MEET ALL REQUIREMENTS OF APPLICABLE CODES, INCLUDING LOCAL AMENDMENTS.

INSTALLATION SHALL BE IN COMPLIANCE WITH THE STANDARDS OF THE DOOR AND HARDWARE INSTITUTE. ALL HARDWARE SHALL OPERATE FREELY AND IN THE MANNER FOR WHICH IT WAS INTENDED.

FURNISH AND INSTALL GRAY RESILIENT SILENCERS FOR HOLLOW METAL DOOR FRAMES AT THE RATE OF THREE FOR EACH SINGLE DOOR.

SECTION 0920: GYPSUM WALLBOARD

METAL STUDS: PROVIDE CHANNEL TYPE STUDS AND RUNNERS, ROLL FORMED FROM 20 GAUGE STEEL, MADE FOR SCREW ATTACHMENT OF GYPSUM WALLBOARD. SIZE AS INDICATED ON SCHEDULES.

GYPSUM WALLBOARDS: USE 5/8" THICK, REGULAR TAPERED EDGE, 48" WIDE, LENGTH AS REQUIRED, COMPLYING WITH ASTM C36 SPECIFICATIONS.

FASTENERS: USE SCREW TYPE AS RECOMMENDED BY FRAMING AND WALLBOARD MANUFACTURERS COMPLYING WITH ASTM C636.

METAL CASING BEAD: USG 200-A, 200-B, OR 200-C AS REQ. (OR EQUAL).

METAL CORNER BEAD: USG DURA-BEAD #800 (OR EQUAL).

USG DURABOND 210 OR 90 (OR EQUAL).

JOINT SYSTEM MATERIALS: COMPLY WITH ASTM C475 SPECIFICATIONS. MIX AND APPLY AS RECOMMENDED BY THE MANUFACTURER.

SECTION 0930: QUARRY TILE

PROTECT LIQUID ADDITIVES FROM FREEZING OR OVERHEATING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

DO NOT INSTALL ADHESIVES IN A CLOSED, UNVENTILATED ENVIRONMENT MAINTAIN 50 DEGREES F DURING INSTALLATION OF MORTAR MATERIALS.

QUARRY TILE FLOOR AND BASE 6"x6"

QUARRY TILE TRIM: FURNISH SIZE COLOR AND SHAPE TO MATCH FIELD TILE. QUARRY TILE BASE: TO HAVE BULLNOSE TOP AND COVERBASE.

PREPARATION: PROTECT SURROUNDING WORK FROM DAMAGE OR DISCONFIGURATION. VACUUM CLEAN EXISTING SUBSTRATE.

INSTALLATION: THINSET: INSTALL LATEX PORTLAND CEMENT MORTAR, TILE AND GROUT TO CGA HANDBOOK FOR CERAMIC TILE INSTALLATION, HANDBOOK NUMBER 1999, F115.2K.

CUT AND FIT TILE TO PENETRATIONS THROUGH TILE. FORM CORNERS AND BASE NEATLY. ALIGN FLOOR AND BASE JOINTS.

PLACE TILE JOINTS UNIFORM IN WIDTH (MAXIMUM 1/8" WIDE) SUBJECT TO VARIANCE IN TOLERANCE ALLOWED IN THE SIZE. MAKE JOINTS WATER TIGHT, WITHOUT JOBS, CRACKS, EXCESS MORTAR OR EXCESS GROUT.

SOUND TILE AFTER SETTING: REMOVE AND REPLACE HOLLOW SOUNDING UNITS. ALLOW TILE TO SET FOR A MINIMUM OF 48 HOURS PRIOR TO GROUTING.

GROUT TILE JOINTS, APPLY SEALANT AT JUNCTION OF TILE AND DISSIMILAR MATERIALS AND AT JUNCTION OF DISSIMILAR LINES.

SECTION 0950: SUSPENDED CEILINGS

INSTALL SUSPENDED CEILING SYSTEM ACCORDING TO ASTM C638 "RECOMMENDED PRACTICE FOR INSTALLATION OF SUSPENSION SYSTEM FOR ACoustICAL TILE."

INSTALL MAIN RUNNER 48" ON CENTER, SUSPENDED BY NOT LESS THAN #10 GAUGE STEEL WIRE SPACED NO MORE THAN 36" O.C. FOR 24" GRID, OR AT EACH CORNER FOR CONCENTRATED LOADS. ALONG THE MAIN RUNNERS WRAP WIRE HANGER TIGHTLY AT LEAST THREE FULL TURNS.

DO NOT HANG SUSPENDED CEILING HANGERS FROM DUCTS, MECHANICAL ITEMS, CONDUITS OR OTHER HAND WIRES FREE OF ALL SUCH ITEMS.

INSTALL CROSS TEES TO OBTAIN A 24"x24" OR 24"x48" GRID IN AREAS AS INDICATED ON THE DRAWINGS.

INSTALL CEILING TILE IN AREAS WHERE INDICATED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

AFTER COMPLETION OF INSTALLATION REMOVE AND REPLACE DAMAGED OR OTHERWISE IMPROPERLY INSTALLED TILES AND COMPONENTS.

GRID SHALL BE STANDARD STYLE, BAKED ENAMEL FINISH AND MEETING REQUIREMENTS AS SPECIFIED ON THE DRAWINGS.

SECTION 0960: RESILIENT BASE

INSTALL VINYL BASE STRAIGHT AND TRUE AND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, USING RECOMMENDED ADHESIVES AND PROCEDURES.

SECTION 0970: SPECIAL WALL SURFACES

FIBERGLASS REINFORCED POLYESTER (FRP) PANELS

SANITARY WALL SYSTEMS TO BE WHITE FRP PANEL WITH HARMONIZING PVC MOLDINGS, ADHESIVES AND SEALANTS IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

REMOVE FOREIGN MATTER FROM FACE OF PANEL BY USING A SOFT BRISTLE BRUSH. AVOIDING ABRASIVE ACTION.

INSTALLATION SHALL NOT BEGIN UNTIL BUILDING IS ENCLOSED, PERMANENT HEATING AND COOLING EQUIPMENT IS IN OPERATION, AND RESIDUAL MOISTURE FROM MASTER CONCRETE OR TERRAZZO WORK AS DISSIPATED.

PROVIDE VENTILATION TO DISPERSE FUMES DUE TO APPLICATION OF FINISHES RECOMMENDED BY ADHESIVE MANUFACTURER.

FIELD MEASUREMENTS: VERIFY ACTUAL MEASUREMENTS OF LENGTH AND WIDTH. MEASUREMENTS BEFORE FABRICATION OF PANELS. VERIFY MEASUREMENTS ON SCHEDULE DRAWINGS. COORDINATE FIELD MEASUREMENTS AND FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS AND FIELD CONSTRUCTION METHODS.

EXAMINE BACKUP SURFACES FOR DEFECTS THAT CORNERS ARE PLUMB AND STRAIGHT, SURFACES ARE SMOOTH, UNIFORM, AND FREE FROM FOREIGN MATTER. NAILS ARE COUNTERSUNK AND JOINTS AND CRACKS ARE FILLED WITH GROUT AND SMOOTH WITH THE ADJOINING SURFACES. DO NOT PROCEED WITH INSTALLATION UNTIL BACKUP SURFACES ARE IN SATISFACTORY CONDITION.

SECTION 0980: PAINTING

PAINTING: CONTRACTOR TO INSPECT ALL SURFACES TO BE PAINTED FOR DEFECTS & MOISTURE PRIOR TO PAINTING.

MOISTURE TESTS: NOT PREPARED PRIOR TO PAINTING.

FINISH AND WAX DROP CLOTHS IN ALL AREAS WHERE PAINTING IS BEING DONE TO PROTECT FLOORS AND OTHER WORK FROM DAMAGE.

MARK FLOORS AND ADJACENT SURFACES AS WELL AS SURFACES TO BE PAINTED. CLEANED BEFORE PAINTING.

PAINT SHALL BE PRODUCT OF A SINGLE MANUFACTURER AND SHALL BE AS RECOMMENDED BY THE MANUFACTURER FOR THE SPECIFIC USE, MATERIAL, AND CONDITION OF THE SURFACE TO BE PAINTED.

SECTION 1040: SIGNAGE

PERFORM WORK IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATION CODE REQUIREMENTS AND A MINIMUM AND SHALL BE COMPLIED WITH AT NO ADDITIONAL COST TO ARCHITECT AND/OR OWNER.

IN THE EVENT OF DISCREPANCY BETWEEN CONTACT DOCUMENTS AND GOVERNING CODES, COMPLY WITH CODES.

MECHANICAL DRAWINGS ARE DIAGRAMMATIC, SHOWING GENERAL LOCATIONS OF FIXTURES, DUCTS, ETC. AND ARE NOT TO BE SCALED. CHECK ALL DIMENSION, EXISTING CONDITIONS, ETC. AT BUILDING SITE. PROVIDE OFFSETS, BENDS AND FITTINGS NOT SHOWN, YET REQUIRED FOR PROPER INSTALLATION OF MECHANICAL WORK.

SECTION 1600: BASIC ELECTRICAL REQUIREMENTS

COMPLY WITH LATEST APPLICABLE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE, OSHA, THE NATIONAL FIRE PROTECTION ASSOCIATION, AND THE LOCAL ELECTRICAL INSPECTION AUTHORITY WHO SHALL HAVE JURISDICTION.

APPLICABLE CODES AND ORDINANCES AND LOCAL INTERPRETATIONS THERE TO TAKE PRECEDENCE WHEN THE CONFLICT WITH OR ARE STRONGER THAN THE ELECTRICAL DESIGN DRAWINGS AND SPECIFICATIONS TAKE PRECEDENCE WHERE DESIGN IS MORE STRINGENT THAN CODES AND ORDINANCES.

ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL DESIGN LAYOUT, AND ARRANGEMENT OF EQUIPMENT AND VARIOUS SYSTEMS. THE DRAWINGS DO NOT NECESSARILY SHOW ALL DETAILS SUCH AS JUNCTION BOXES, PULL BOXES, CONDUIT RUNS OR SIZE, WIRING, ETC., NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM.

DO NOT SCALE DRAWINGS FOR DIMENSION TAKE ALL DIMENSIONS AND MEASUREMENTS FROM ARCHITECTURAL DRAWINGS AND ACTUAL EQUIPMENT TO BE FURNISHED. ALL DIMENSIONS AND MEASUREMENTS MUST BE VERIFIED IN THE FIELD SINCE ACTUAL LOCATIONS, DISTANCES, AND ELEVATIONS WILL BE GOVERNED BY ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEASUREMENTS TAKEN IN THE FIELD.

PROVIDE ALL MATERIAL, EQUIPMENT, AND DEVICES WHICH ARE NEW, FIRST QUALITY, OF AN APPROVED TYPE AS LISTED BY THE UNDERWRITERS LABORATORIES, INC. WHICH BEAR THEIR LABEL OF APPROVAL.

PROVIDE COMPETENT WORKMEN WHO ARE SKILLED IN THEIR CRAFT AND A COMPETENT FOREMAN OR SUPERINTENDENT WHO WILL BE ON THE JOB AT ALL TIMES.

CONTRACTOR SHALL INSPECT THE ENTIRE ELECTRICAL INSTALLATION TO ASSURE THAT ALL WORK IS COMPLETED AND ALL SYSTEMS ARE COMPLETELY OPERATIONAL BEFORE CALLING FOR A FINAL ACCEPTANCE OF THE WORK.

ARRANGE AND PAY FOR ALL NECESSARY PERMITS, FEES, INSPECTION SERVICES AND TAXES IN CONNECTION WITH ELECTRICAL WORK.

SECTION 1605: BASIC ELECTRICAL MATERIALS AND METHODS

ALL BUILDING WIRE AND CABLE SHALL BE COPPER WITH A MIN 600 VOLT TYPE THIN OR XHHW INSULATION. A HIGHER TEMPERATURE RATED INSULATION SHALL BE UTILIZED WHERE REQUIRED BY AMBIENT CONDITION CODE. MINIMUM SIZE CONDUIT FOR POSER AND LIGHTING CIRCUITS SHALL BE #12. ALL CONDUCTORS #8 AWG AND LARGER SHALL BE STRANDED.

CONTRACTOR SHALL FURNISH ALL WIRING DEVICES REQUIRED FOR SPACES SERVED. TOGGLE SWITCHES SHALL BE RATED 20 AMPERES AT 120 VOLTS OR 27 VOLTS. DUPLEX OUTLETS SHALL BE RATED AT 120 VOLTS, 20 AMPERES, AND SHALL BE INSTALLED AT CONVENIENT LOCATIONS. FLUSH DEVICES SHALL BE INSTALLED AT CONVENIENT LOCATIONS. ALL DEVICES SHALL MEET CODE REQUIREMENTS.

WIRING FOR LIGHTING AND RECEPTACLES CIRCUITS SHALL BE COLOR CODED IN ACCORDANCE WITH ARTICLE 210-6 OF NATIONAL ELECTRICAL CODE:

WIRING 120/208 V SYSTEM 277 V SYSTEM

PHASE A	BLACK	GRAND
PHASE B	RED	YELLOW
PHASE C	BLUE	BROWN
NEUTRAL	WHITE	WHITE
GROUND	GREEN	GREEN

ALL WIRING SHALL BE COPPER ALUMINUM WIRE WILL NOT BE USED.

ALL COMPONENTS SHALL BE U.L. LISTED.

BOX INSTALLATION: MOUNT BOXES WITH THE LONG AXIS OF DEVICES PERPENDICULAR TO SWITCHES AND RECEPTACLES, UNLESS OTHERWISE SPECIFIED. A MINIMUM OF BOX EXTENSIONS AND/OR COVERS WILL NOT BE PERMITTED. INSTALL IN A REASONABLY SATISFACTORY MANNER, USE GROMMETS ON MASONRY AND MACHINE SCREWS ON STEEL WORK.

INSTALL THE FOLLOWING TYPES OF DEVICES IN ACCORDANCE WITH THE SPECIFIC APPLICATION LOCATIONS INDICATED ON THE DRAWINGS:

- TYPE 1 TYPE SHALL BE USED FOR POWER ALLOWED BY LOCAL PERMIT AUTHORITY.
- ELECTRICAL METALLIC TUBING (EMT) MAY BE USED ONLY IF MC CABLE IS NOT USED. EMT SHALL BE INSTALLED IN WALLS, CEILING, AND UNDER FLOOR AREAS AS IT SHALL NOT BE INSTALLED IN A CONCRETE FLOOR OR WALL. THE MOUNTING HEIGHT OF A WALL MOUNTED OUTLET BOX SHALL BE THE HEIGHT FROM THE FINISHED FLOOR TO THE HORIZONTAL CENTERLINE OF THE COVER PLATE.
- ALL OUTLETS AND BOXES LOCATED INSIDE CASEWORK SHALL HAVE EXTENSION RINGS ADDED TO THE BOX TO ALLOW THE COVER PLATE TO BE ATTACHED FROM THE INSIDE OF THE CABINET.
- SWITCHES: INSTALL WITHIN 6 INCHES OF LATCH SIDE OF DOOR 48" ABOVE FINISH FLOOR AND IN GANG BOXES WHEN SHOWN IMMEDIATELY ADJACENT TO EACH OTHER. INSTALL WALL OUTLETS IN UNIFORM VERTICAL AND HORIZONTAL LINES AND COORDINATE THERMOSTATS, ETC. INTO SAME LINE.
- RECEPTACLE OUTLETS: INSTALL 18" ABOVE FINISH FLOOR IN ALL GENERAL LOCATIONS. REFER TO DRAWINGS FOR LOCATIONS. OTHER MOUNTING HEIGHTS TO BE INDICATED ON DRAWINGS. ALL RECEPTACLES SHALL BE MOUNTED VERTICALLY UNLESS MOUNTED ABOVE MILLWORK, IN WHICH CASE OUTLETS TO BE MOUNTED HORIZONTALLY. ISOLATED GROUND OUTLETS (IG) SHALL BE GRANGE.

NO TWO OUTLETS IN OPPOSITE FACES OF PARTITION WILL OCCUR IN THE SAME STUD SPACE OR ON THE SAME STUD WALL.

SECTION 1610: PANELBOARDS

FURNISH AND INSTALL AUTOMATIC CIRCUIT BREAKER TYPE PANELBOARDS. PANEL BOARDS SHALL BE OF THE DEAD FRONT TYPE WITH SOLID COPPER BUS BARS AND SHALL BE IN ACCORDANCE WITH THE UNDERWRITERS LABORATORIES INC.'S STANDARD FOR PANEL BOARDS AND STANDARD FOR CABINETS AND BOXES" AND SHALL BE SO LABELED. ALL BREAKERS SHALL BE BOLTED TYPE, THERMAL MAGNETIC.

ELECTRICAL PANEL LABELS TO BE FILLED IN COMPLETELY BY ELECTRICAL CONTRACTOR, AND THE POWER SOURCE NOTED.

ALL CIRCUIT BREAKERS USED FOR SWITCHING LIGHT FIXTURES SHALL BE APPROVED TYPE AND MARKED "SWD".

SECTION 1620: LIGHTING

ALL LUMINAIRES SHALL BE FREE OF LIGHT LEAKS, WARPS, BENTS, OR OTHER IRREGULARITIES. LENSES SHALL BE FREE OF CRACKS, CHIPS, DISCOLORATIONS.

COMPLETELY CONNECT AND SECURELY MOUNT ALL LUMINAIRES TO PROVIDE ALL ADDITIONAL SUPPORTS AND HANDERS WHICH MAY BE NECESSARY TO SECURELY FASTEN AND SUPPORT ALL LUMINAIRES TO CEILING OR STRUCTURE.

RECESSED LUMINAIRE INSTALLATION OF RECESSED LUMINAIRE SHALL CONFORM TO THE FOLLOWING: PROVIDE SEPARATE JUNCTION ABOVE CEILING NEAR LUMINAIRES AND WIRE LUMINAIRES IN FLEXIBLE CONDUIT.

OPENING CUT IN CEILING FOR RECESSED LUMINAIRES SHALL BE COMPLETELY CONCEALED WHEN LUMINAIRES TRIM IS INSTALLED. THERE SHALL BE NO LIGHT LEAKS BETWEEN LUMINAIRES TRIM AND CEILING AFTER LUMINAIRES IS INSTALLED.

ALL RECESSED LIGHT FIXTURES SHALL BE THERMALLY PROTECTED. DO NOT INSTALL NEXT TO ANY COMBUSTIBLE MATERIAL, AND DO NOT COVER AND ANY INSULATION.

GENERAL EQUIPMENT NOTES

GENERAL:

REFER TO THE ARCHITECTURAL PLANS AND/OR THE OWNER FOR INFORMATION NOT PERTAINING DIRECTLY TO THE EQUIPMENT TO BE SUPPLIED BY KES (KITCHEN EQUIPMENT SUPPLIER).

GENERAL CONTRACTOR SHALL NOTIFY KES FOR FIELD INSPECTION FIVE (5) DAYS BEFORE THE SLAB IS FINISHED AND AGAIN BEFORE THE WALLS ARE CLOSED IN.

THE GENERAL CONTRACTOR SHALL PROVIDE BROOM CLEAN AREAS WHERE EQUIPMENT IS TO BE INSTALLED AT THE START OF INSTALLATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF EQUIPMENT ON THE JOB SITE. THE KES SHALL BE RESPONSIBLE FOR CLEANUP AND DISPOSAL OF CARTONS, TRASH, CRATES, DEBRIS, ETC. AFTER THE INSTALLATION OF FIXTURES.

NOTE: ALL CATALOG EQUIPMENT TO BE NSF APPROVED.

BUILDING WORK:

GENERAL CONTRACTOR SHALL PROVIDE SMOOTH AND LEVEL FLOORS AS SHOWN ON THE DRAWINGS.

GENERAL CONTRACTOR SHALL PROVIDE COVERED BASE PER SPECIFICATIONS WHERE FOOD IS PREPARED, PACKAGED, STORED IN OPEN CARTONS, UTENSILS ARE WASHED OR PER LOCAL CODE REQUIREMENTS.

THE GENERAL CONTRACTOR SHALL PROVIDE FIRE RATED EXHAUST SHAFT FOR GREASE HOODS AS SHOWN ON DRAWINGS AND PER LOCAL CODES.

CANTILEVER BRACKETS FOR EQUIPMENT PROVIDED BY KES SHALL BE INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH SPECIFICATIONS AND DIMENSIONS PROVIDED BY KES.

GENERAL CONTRACTOR SHALL PROVIDE SMOOTH FINISH SURFACE UNDER EQUIPMENT.

GENERAL CONTRACTOR SHALL INSTALL HOOD OR VENTILATION CAP AND/OR FACING MATERIAL, AS DETAILED, UNLESS OTHERWISE NOTED.

ALL DUCT WORK, FLASHING, CURBS, ETC. AT VENT AND MAKE-UP AIR SYSTEMS SHALL BE FURNISHED BY KES AND INSTALLED BY MECHANICAL CONTRACTOR PER LOCAL CODES.

SUPPLY OF EXHAUST AIR IN KITCHEN AREAS SHALL BE BASED FOR A SLIGHT NEGATIVE PRESSURE, TO ENSURE AIR FLOW FROM OUTDOOR INTO THE KITCHEN AREA.

PLUMBING

PLUMBING CONTRACTOR SHALL MAKE ALL DESIGN AND FINAL CONNECTIONS AND PROVIDE ALL NECESSARY CONNECTING PARTS (UNLESS SPECIFIED) IN CONFORMANCE WITH LOCAL CODES. THIS TO INCLUDE VALVES, TRIP PRESSURE REGULATORS, THERMOSTATS AND PRESSURE RELIEF VALVES, TRAPS, AND STRAINERS.

TEMPERATURE AND PRESSURE PERMANENT NAME TAGS IDENTIFYING SUPPLY LINES TO EACH INDIVIDUAL PIECE OF EQUIPMENT. PROVIDE CHROME PLATED PIPING AND FITTINGS ON ALL EXPOSED CONNECTING RUNS. INTERCONNECTING PARTS SPECIFIED TO BE SUPPLIED BY THE EQUIPMENT SUPPLIER SHALL BE INSTALLED BY PLUMBER.

ALL PLUMBING OUTLETS (ROUGH-IN AND CONNECTIONS) SHOWN ON THE PLUMBING PLANS ARE FOR THE EQUIPMENT TO BE SUPPLIED BY KES OR THE OWNER AS SHOWN ON THE EQUIPMENT PLAN FORM AVAILABLE INFORMATION. REFER TO THE ARCHITECTURAL PLAN, THE OWNER AND THE GENERAL CONTRACTOR FOR ADDITIONAL PLUMBING REQUIREMENTS. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES.

ALL DIMENSIONS AND ROUGH-INS ARE FROM FINISHED FLOOR, WALLS OR CENTERLINE OF OUTLETS TO CENTERLINE OF OUTLETS, UNLESS OTHERWISE SHOWN ON KES DRAWINGS.

PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL INDIRECT DRAINS FROM EQUIPMENT AND SINKS, INCLUDING INSULATION ON DRAINS FROM ICE SINKS, UNLESS OTHERWISE NOTED. INDIRECT DRAIN LINES SHALL BE 2" DIAMETER MINIMUM OR PER LOCAL HEALTH DEPARTMENT.

PLUMBING CONTRACTOR SHALL PROVIDE WATER TIGHT SLEEVES AS REQUIRED. FLOOR OR WALL SLEEVES SHALL EXTEND 1" FROM FINISHED FLOOR OR WALL. SLEEVES THROUGH MASONRY BASE SHALL BE FLUSH WITH FINISHED TO OF BASE, UNLESS OTHERWISE NOTED.

PLUMBING CONTRACTOR SHALL SET FLOOR SINK LEVEL WITH FLOOR PER LOCAL CODE. FLOOR SINK THAT FALL COMPLETELY IN MASONRY BASE SHALL BE SET LEVEL WITH TOP OF BASE OR PER CODE.

PLUMBING CONTRACTOR SHALL PROVIDE PRESSURE REDUCING VALVES, IF REQUIRED, TO MAINTAIN GENERAL PRESSURE IN KITCHEN AT 50 PSI.

ELECTRICAL

ALL ELECTRICAL OUTLETS (ROUGH-IN AND CONNECTIONS) SHOWN ON THIS ELECTRICAL PLANS ARE FOR EQUIPMENT TO BE SUPPLIED BY KES AS SHOWN ON EQUIPMENT PLAN FROM AVAILABLE INFORMATION. REFER TO THE ARCHITECTURAL PLANS, THE OWNER AND THE GENERAL CONTRACTOR FOR ADDITIONAL ELECTRICAL REQUIREMENTS. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES.

ALL DIMENSIONS FOR ROUGH-INS ARE FROM FINISHED FLOORS, WALLS OR CENTER LINES OF OUTLET CENTER LINES OF OUTLETS UNLESS NOTED OTHERWISE.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, RECEPTACLES AND CONNECTIONS IN EQUIPMENT ANY INTERNAL WIRING IF FIXTURES AND PROVIDE ALL INTERCONNECTING PARTS UNLESS NOTED OTHERWISE.

WALK-IN COOLER IS FURNISHED COMPLETE WITH CEILING LIGHTS AND OUTLET BOXES. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL INTERCONNECTING CONDUIT AND WIRING AND INSTALL CEILING LIGHTS USING EYS, SEAL OFF.

ALL BLOWER COILED MOTOR CONNECTIONS SHALL BE MADE WITH CONDUIT TO J-BOX. PLUG-IN TYPE CONNECTIONS WILL NOT BE ACCEPTED.

COOLER COMPRESSOR TO BE LOCATED ON ROOF. FIELD VERIFY PLACEMENT LOCATION TO ENSURE NO CONFLICT WITH HVAC UNITS. IF THERE IS A CONFLICT OF LOCATION MAKE ADJUSTMENTS IN FIELD TO THE LOCATION OF THE COMPRESSOR.

ALL CONDUIT FLOOR STUB UPS SHALL EXTEND OUT OF FLOOR OR BASE FLOOR (3) INCHES FROM FINISHES SURFACE.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AS INDICATED ON ELECTRICAL PLANS FOR COOL SOUND SYSTEM, CASH REGISTERS, REMOTE PHONES, ETC. CONDUITS SHALL HAVE A MINIMUM SWEET OF 24" AT ALL ENDS AND SHALL TERMINATE IN FLOOR STUB OR WALL BOXES AS INDICATED. UNDERGROUND CONDUIT SHALL BE PVC R APPROVED EQUIPMENT.

ELECTRICAL CONTRACTOR SHALL PROVIDE CORD, PLUG AND CAP ALL PLUG-IN TYPE EQUIPMENT PROVIDED BY KES UNLESS NOTED OTHERWISE. ELECTRICAL CONTRACTOR SHALL SHORTEN CORDS IF REQUIRED.

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SCOPE OF DOCUMENT:

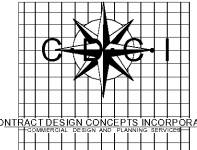
THESE DOCUMENTS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPTS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL, ELECTRICAL SYSTEMS. THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK DESCRIBE ALL WORK FOR THE FULL PERFORMANCE AND COMPLETION OF THE CONTRACT ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED. THE TRADE CONTRACTOR SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

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SHEET TITLE	STAMP
GENERAL NOTES	
PROJECT NAME	
CREEK STONE ACADEMY CHILDCARE CENTER	
2465 MEMORIAL DRIVE ATLANTA, GA 30317 (DEKALB COUNTY)	
	ISSUED FOR CONSTRUCTION

ISSUE DATE: FEB 2019
PROJECT: CREEK STONE
DRAWN: TEAM

SHEET No.: **A002**



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