MY SALON SUITE
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PART 1 - GENERAL QUALITY ASSURANCE
OBTAIN MATERIALS FROM REPUTABLE MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF PRODUCTS AND MATERIALS FOR THE INTENDED USE.

QUALITY STANDARDS: EXCEPT AS OTHERWISE SHOWN OR SPECIFIED, COMPLY WITH SPECIFIED PROVISIONS OF THE FOLLOWING:

STRUCTURAL STEEL:
AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS, LATEST EDITION, INCLUDING SUPPLEMENTS THERE TO AS ISSUED".

AWS D1.1 "STRUCTURAL STEEL WELDING CODE".

QUALIFICATIONS FOR WELDING WORK:
QUALIFY WELDING PROCESSES AND WELDING OPERATORS IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURES".

MILLWORK/CASEWORK:
ARCHITECTURAL WOODWORK INSTITUTE (AWI) "QUALITY STANDARDS".

WOOD DOORS: NWMA INDUSTRY STANDARD I.S.I. - WOOD FLUSH DOORS.

FIRE RATED HOLLOW METAL FRAMES: PROVIDE FIRE-RATED HOLLOW METAL FRAMES INVESTIGATED AND TESTED AS A FIRE RATED ASSEMBLY. IDENTIFY FIRE-RATED FRAMES WITH RECOGNIZED TESTING LABORATORY LABELS, INDICATING APPLICABLE FIRE-RATING OF FRAME.

FIRE RESISTANT DRYWALL ASSEMBLIES: COMPLY WITH FIRE RESISTANT RATINGS AS INDICATED AND AS REQUIRED BY GOVERNING AUTHORITIES AND CODES. PROVIDE MATERIALS, ACCESSORIES AND APPLICATION PROCEDURES WHICH HAVE BEEN LISTED BY UL OR TESTED IN ACCORDANCE WITH ASTM E 119 FOR THE TYPE OF CONSTRUCTION INDICATED.

UL FIRE HAZARD CLASSIFICATION: ACOUSTICAL CEILINGS TO COMPLY WITH A FIRE HAZARD CLASSIFICATION FOR FLAME SPREAD, INCLUDING FUEL CONTRIBUTION AND SMOKE DEVELOPMENT CLASSIFICATIONS SPECIFIED, PROVIDE TILE WHICH HAS BEEN TESTED, RATED AND LABELED BY UL.

CERAMIC TILE WORK: TCA "HANDBOOK FOR CERAMIC TILE INSTALLATION".

SUBMITTALS
MANUFACTURERS DATA: BEFORE STARTING ANY WORK, SUBMIT LIST OF MATERIALS AND ACCESSORIES TO BE INCORPORATED IN THE WORK. LIST SHALL INCLUDE DESCRIPTIVE DATA, CATALOG CUTS, AND OTHER SUCH INFORMATION TO IDENTIFY THE MATERIALS AS TO THE LOCATION OR LOCATIONS OF THEIR USE IN THE WORK, AND THE METHODS OF INSTALLATION. NO CONSIDERATION WILL BE GIVEN TO PARTIAL LISTS SUBMITTED FROM TIME TO TIME.

SAMPLES: WHEN REQUESTED, SUBMIT SAMPLES OF MATERIALS TO ARCHITECT FOR REVIEW.

HARDWARE SCHEDULE: SUBMIT FINAL HARDWARE SCHEDULE ORGANIZED BY "SETS", TO INDICATE SPECIFICALLY THE PRODUCT TO BE FURNISHED FOR EACH ITEM REQUIRED ON EACH DOOR. HORIZONTAL HARDWARE SCHEDULE ARE NOT ACCEPTABLE.

TEMPLATES: FURNISH TEMPLATES TO EACH FABRICATOR OF DOORS AND FRAMES, AS REQUIRED FOR PREPARATION TO RECEIVE HARDWARE.

SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR THE FOLLOWING ITEMS SHOWING DIMENSIONED PLANS, ELEVATIONS, LARGE SCALE DETAILS OF CONSTRUCTIONS, AND METHODS OF INSTALLATION. SHOW DETAILS AND LOCATIONS OF ANCHORAGE AND FITTINGS.

MECHANICAL & SPRINKLER INSTALLATION, MILLWORK, AND SIGNAGE.

JOB CONDITIONS
ALL WORK MUST BE PERFORMED IN COOPERATION WITH THE LANDLORDS REQUIREMENTS FOR SCHEDULE AND ACCESS TO AREAS OF WORK.

CONTRACTOR MUST EXAMINE THE SPACES IN WHICH, AND THE SUBSTRATES TO WHICH THE WORK REQUIRED BY THIS CONTRACT IS TO BE INSTALLED. NOTIFY THE OWNER'S REPRESENTATIVE IN WRITING OF ANY CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK. STARTING INSTALLATION OF WORK REQUIRED BY THIS CONTRACT INDICATES ACCEPTANCE OF THE SPACES AND SUBSTRATE CONDITIONS AND FULL RESPONSIBILITY FOR COMPLETED WORK.

PROJECT HANDLING AND STORAGE
DELIVER ALL FINISHED MATERIALS IN MANUFACTURER'S UNOPENED CONTAINERS, BUNDLES OR PACKAGES, FULLY IDENTIFIED WITH MANUFACTURER'S NAME, BRAND, TYPE AND GRADE. PROTECT FROM SOILING AND DAMAGE USING HANDLING EQUIPMENT AND STORAGE TECHNIQUES RECOMMENDED BY THE MANUFACTURER.

ALL PREFINISHED ITEMS SHALL BE SHIPPED, DELIVERED AND STORED IN PROTECTIVE WRAPPING. CUT OPENINGS IN WRAPPINGS AS NECESSARY TO AVOID CONDENSATION.

PROTECT LUMBER AND FINISH CARPENTRY AND MILLWORK AGAINST DAMPNESS AND INJURY DURING AND AFTER DELIVERY, AND STORE UNDER COVER IN WELL VENTILATED PORTIONS OF THE BUILDING NOT EXPOSED TO HUMID CONDITIONS AND MAINTAIN TEMPERATURE OF AT LEAST 70 DEGREES F.

STORE HOLLOW METAL WORK UNDER COVER ON THE BUILDING SITE ON WOOD SILLS OR ON FLOORS IN A MANNER THAT WILL PREVENT RUST AND DAMAGE. CARE SHALL BE TAKEN TO AVOID CREATING A HUMIDITY CHAMBER BY USING A PLASTIC OR CANVAS SHELTER AND NOT VENTING THE AREA COVERED.

PART 2 - SITE WORK
02060 - BUILDING DEMOLITION
SELECTIVE DEMOLITION: THIS SECTION IS INCLUDED FOR GENERAL REFERENCE OF WORK TO BE REMOVED BY THE GENERAL CONTRACTOR.

CONSULT DEMOLITION PLANS INCLUDED WITH PROJECT DOCUMENTS FOR ADDITIONAL NOTES AND SITE SPECIFIC ITEMS.

DEMOLITION INCLUDES REMOVAL OF THE EXISTING FLOORS, IF REQUIRED, BUT NOT LIMITED TO INTERIOR PARTITIONS, CABINETRY, SUSPENDED CEILING TILE, STOREFRONT, ELECTRICAL, MECHANICAL, ETC, AS REQUIRED, AS SHOWN, AS DIRECTED.

ALL ITEMS INDICATED OR REQUIRED TO BE DEMOLISHED AND REMOVED TO BE LEGALLY DISPOSED OF IN COORDINATION AND COMPLIANCE WITH ALL LANDLORD PROVISIONS AND REGULATIONS. ALL ITEMS INDICATED TO BE REMOVED OR REINSTALLED TO BE CLEANED SERVICED AND PREPARED FOR PROPER RE-USE. ALL ITEMS STORED DURING CONSTRUCTION ARE TO BE PROTECTED TO AVOID DAMAGE OR THEFT.

ALL ITEMS INDICATED AS EXISTING TO REMAIN SHALL BE CLEANED, SERVICED AND PREPARED FOR PROPER CONTINUED RE-USE. PROTECT ALL ITEMS SUFFICIENTLY DURING CONSTRUCTION TO AVOID DAMAGE OR THEFT.

COOPERATE AND COORDINATE WITH LANDLORD, THE TENANTS OF THE ADJACENT SPACES AND THE TENANT, IN SCHEDULING WORK IN ORDER TO CAUSE THE LEAST INCONVENIENCE TO PERSONAL AND PROPERTY. SEE MECHANICAL AND ELECTRICAL PLANS FOR SPECIFIC DEMOLITION ITEMS UNDER THOSE TRADES.

PART 3 - PRODUCTS
03300 - CAST-IN-PLACE CONCRETE
FURNISH AND INSTALL CONCRETE AS INDICATED IN THE DRAWINGS.

CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF "AMERICAN CONCRETE INSTITUTE" CODES AND STANDARDS INCLUDING ACI 301, ACI 315 AND ACI 318.

CONCRETE STRENGTHS ARE AS FOLLOWS: CLASS I 3000PSI INTERIOR SLAB (OR MIN. REQUIRED PER LANDLORD SPECIFICATIONS).

REINFORCEMENT: PER LANDLORD REQUIREMENTS.

BONDING AGENT (IF REQUIRED):

"SONOBOND" EPOXY CONCRETE BONDING AGENT OR EQUAL.

MANUFACTURER:

CHEMTREX, INC.
869 VALLEY PARK DRIVE
SHAKOPEE, MN 55379-1854

CONSULT MANUFACTURER FOR APPLICATION PROCEDURE.

ASTM C881

VAPOR BARRIER:

SLAB ON GRADES TO RECEIVE 6 MIL CLEAR OR BLACK POLYETHYLENE FILM WITH MINIMUM OF 12" OVERLAP. TAPE ALL SEAMS.

03732 - CONCRETE REPAIR
THE EXTENT OF CONCRETE REPAIR WORK INCLUDES REMAINING FLOOR AREAS AFTER DEMOLITION PROVIDING A LEVEL FLOOR THROUGHOUT TO RECEIVE FUTURE FINISHES.

COMPLY WITH MANUFACTURER'S REQUIREMENTS FOR INSTALLATION OF ITEMS AND FINISHES BY OTHER TRADES, INCLUDING THOSE ITEMS AND FINISHES PROVIDED AND/OR INSTALLED BY TENANT.

FLOOR LEVELER CONCRETE TO BE INSTALLED AT LOW AREAS, HOLES AND DEPRESSIONS. PATCH CRACKS AND BROKEN CONCRETE WITH FLOOR PATCH TROWELED SMOOTH IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LANDLORD SPECIFICATIONS. UNDERLAYMENT COMPOUND TO BE FREE FLOWING, SELF-LEVELING, PUMPABLE, AND CEMENT BASED FOR APPLICATIONS FROM ONE INCH THICK TO FEATHERED EDGES.

05100 - STRUCTURAL STEEL
STEEL SHAPES, PLATES, AND BARS: COMPLY WITH ASTM A 36, EXCEPT WHERE OTHER TYPE OF STEEL IS INDICATED.

STEEL TUBING: ASTM A 500, GRADE B.

STEEL PIPE: ASTM A53, TYPE E OR S, GRADE B.

ANCHOR BOLTS: ASTM A 307, NONHEADED TYPE UNLESS OTHERWISE INDICATED.

THREADED FASTENERS: ASTM A 307, GRADE A, REGULAR LOW CARBON STEEL BOLTS AND NUTS. PROVIDE HEXAGONAL HEADS AND NUTS ON ALL CONNECTIONS.

WELDING ELECTRODES: PROVIDE ELECTRODES, WELDING RODS AND FILLER METALS EQUAL IN STRENGTH AND COMPATIBLE IN APPEARANCE WITH PARENT METAL JOINED.

PRIMER: FABRICATOR'S STANDARD, FAST-CURING, LEAD-FREE, UNIVERSAL PRIMER.

FABRICATION:

FABRICATE AND ASSEMBLE STRUCTURAL ASSEMBLIES IN SHOP TO GREATEST EXTENT POSSIBLE. FABRICATE ITEMS OF STRUCTURAL STEEL IN ACCORDANCE WITH AISC SPECIFICATIONS AS INDICATED ON SHOP DRAWINGS. PROPERLY MARK AND MATCH-MARK MATERIALS FOR FIELD ASSEMBLY.

CONNECTIONS: WELD OR BOLT SHOP CONNECTIONS AS INDICATED. BOLT FIELD CONNECTIONS, EXCEPT WHERE WELDED CONNECTIONS OR OTHER CONNECTIONS ARE INDICATED.

HOLES FOR OTHER WORK: PROVIDE HOLES REQUIRED FOR SECURING OTHER WORK TO STRUCTURAL STEEL MEMBERS, AND FOR PASSAGE OF OTHER WORK THROUGH STEEL MEMBERS. CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. DO NOT FLAME CUT HOLES OR ENLARGE HOLES BY BURNING.

SHOP PRIMER: REMOVE SCALE, RUST, AND OTHER DELETERIOUS MATERIALS FROM METAL SURFACE BEFORE APPLYING SHOP PRIMER. IMMEDIATELY AFTER SURFACE PREPARATION, BRUSH OR SPRAY ON PRIMER AT A RATE TO PROVIDE A UNIFORM DRY FILM THICKNESS OF 2.0 MILS.

05500 - MISCELLANEOUS METALS
DEFINITION: MISCELLANEOUS METALS INCLUDE ITEMS MADE FROM IRON AND STEEL SHAPES, PLATES AND BARS, WHICH ARE NOT A PART OF STRUCTURAL STEEL OR OTHER METAL SYSTEMS SPECIFIED ELSEWHERE.

METALS: PROVIDE STEEL PLATES, SHAPES AND BARS COMPLYING WITH ASTM A 36.

FASTENERS: PROVIDE TYPE, SIZES, MATERIALS AND FINISH AS REQUIRED FOR THE APPLICATION INDICATED.

PRIMER: FABRICATOR'S STANDARD, FAST-CURING, LEAD-FREE, UNIVERSAL PRIMER.

FABRICATION:

WORKMANSHIP: USE MATERIAL OF SIZE AND THICKNESS INDICATED OR, IF NOT INDICATED PROVIDE AS REQUIRED TO PRODUCE STRENGTH AND DURABILITY IN FINISHED PRODUCT FOR USE INTENDED. WORK TO DIMENSIONS SHOWN, USING PROVED DETAILS OF FABRICATION AND SUPPORT.

FORM EXPOSED WORK TRUE TO LINE AND LEVEL WITH ACCURATE ANGLES AND SURFACES AND STRAIGHT SHARP EDGES. EASE EXPOSED EDGES TO A RADIUS OF APPROXIMATELY 1/32" UNLESS OTHERWISE SHOWN. FORM BENT METAL CORNERS TO SMALLEST RADIUS POSSIBLE WITHOUT CAUSING GRAIN SEPARATION OR OTHERWISE IMPAIRING WORK.

WELD CORNERS AND SEAMS CONTINUOUSLY, COMPLYING WITH AWS RECOMMENDATIONS. AT EXPOSED LOCATIONS, AND POLISH EXPOSED WELDS SMOOTH AND BLEND WITH ADJOINING SURFACES.

PROVIDE ANCHORAGE OF TYPE REQUIRED FOR A SECURE AND COMPLETE INSTALLATION, COORDINATED WITH THE SUPPORTING STRUCTURE. FABRICATE AND SPACE ANCHORING DEVICES TO PROVIDE ADEQUATE SUPPORT FOR INTENDED USE.

SHOP PRIMER: REMOVE SCALE, RUST, AND OTHER DELETERIOUS MATERIALS FROM METAL SURFACE BEFORE APPLYING SHOP PRIMER. IMMEDIATELY AFTER SURFACE PREPARATION, BRUSH OR SPRAY ON PRIMER AT A RATE TO PROVIDE A UNIFORM DRY FILM THICKNESS OF 2.0 MILS. PROVIDE UL LABEL ON EACH PIECE OF FIRE-RETARDANT TREATED LUMBER.

06100 - CARPENTRY, GENERAL
MISCELLANEOUS LUMBER: WOOD AND PLYWOOD FOR SUPPORT OR ATTACHMENT OF OTHER WORK INCLUDING NAILERS, BLOCKING, FURRING, AND SIMILAR MEMBERS. S4S, 19% MOISTURE AT TIME OF DRESSING.

GRADE: "STANDARD" GRADE, ANY SPECIES, FREE FROM KNOTS, OR OTHER DEFECTS THAT MIGHT IMPAIR THE STRENGTH OR FINISHED APPEARANCE.

STRUCTURAL LUMBER: FOR MEMBERS 2" TO 4" THICK AND MORE THAN 4" IN WIDTH, PROVIDE THE FOLLOWING GRADE AND SPECIES:

GRADE: NO.2 GRADE OR BETTER, S4S AND KILN DRIED.
SPECIES: DOUGLAS FIR OR YELLOW PINE.
STRENGTH: FIBER STRESS RATING OF NOT LESS THAN 1350 PSI.

PLYWOOD PANELS: PROVIDE FIRE-RETARDANT TREATED PLYWOOD WITH GRADE DESIGNATION, APA A-D INT WITH EXTERIOR GLUE, IN THICKNESS INDICATED, OR IF NOT INDICATED, NOT LESS THAN 3/4".

ROUGH HARDWARE (NAILS, SCREWS, BOLTS, ETC.): PROVIDE TYPE, SIZE, MATERIAL AND FINISH AS REQUIRED FOR THE APPLICATIONS INDICATED. SCREWS FOR THE ATTACHMENT OF PLYWOOD PANELS SHALL BE SELF-DRILLING, SELF-TAPING SCREWS WITH COUNTERSUNK TYPE HEADS.

PRESSURE TREATMENT:

ALL WOOD AND PLYWOOD PERMANENTLY INSTALLED WITHIN THE INTERIOR OF THE BUILDING SHALL BE FIRE RETARDANT TREATED WITH HOOVER "PYRO-GUARD", OR APPROVED EQUAL SYSTEM CONTAINING NO AMMONIUM PHOSPHATES.

PROVIDE UL LABEL ON EACH PIECE OF FIRE-RETARDANT TREATED LUMBER.

06400 - MILLWORK/CASEWORK
TYPES OF FINISH MILLWORK/CASEWORK INCLUDE, BUT IS NOT LIMITED TO THE FOLLOWING:

CLEAR MAPLE LACQUERED PLYWOOD VENEER FOR CABINET AND DRAWER INTERIORS.

PREMIUM GRADE CHERRY FOR MILLWORK.
SOLID STOCK: PLAIN SAWN, SELECT WHITE MAPLE COMPLYING WITH "PREMIUM GRADE REQUIREMENTS ESTABLISHED BY AWI".

PAINTED PLYWOOD: BIRCH FACED PLYWOOD, THICKNESS AS INDICATED.

FABRICATION:

GENERAL: COMPLY WITH THE MOST STRINGENT "PREMIUM GRADE" REQUIREMENTS OF THE ARCHITECTURAL WOODWORK INSTITUTE (AWI) "QUALITY STANDARDS" AS A MINIMUM LEVEL OF QUALITY STANDARD FOR THE FABRICATION OF ALL WORK.

ROUT OR GROOVE BACKS OF FLAT TRIM AND SIMILAR MEMBERS, EXCEPT FOR MEMBERS WITH ENDS EXPOSED IN FINISHED WORK.

07200 - INSULATION AND WATERPROOFING
FOR INSULATION REQUIRED AT DUCTWORK, PLUMBING LINES, ETC. SEE MECHANICAL/ELECTRICAL SPECIFICATIONS AND DRAWINGS.

BATT INSULATION:
A. FURNISH AND INSTALL 3 1/2" MIN. BATT INSULATION AT EXTERIOR WALLS OR AS SOUND ATTENUATION BLANKET WHERE SHOWN AND AS SPECIFIED ON DRAWINGS. EXTEND FROM FLOOR TIGHT TO ROOF DECK ABOVE. FURNISH AND INSTALL .004 MIL VISQUEEN VAPOR BARRIER AT EXTERIOR WALLS ON WARM SIDE OF STUDS.

B. AT ALL TENANT DEMISING WALLS: 4" OR 6" INSULATING BATTS TO MATCH SIZE OF DEMISING WALL STUDS.

C. AT ALL WALLS SEPARATING CONDITIONED SPACE FROM EVAPORATIVE COOLED OR NON-CONDITIONED SPACE: 4" OR 6" INSULATING BATTS TO MATCH SIZE OF DEMISING WALL STUDS

D. AT ALL TOILET ROOM WALLS AND CEILINGS: 4" SOUND BATTS.

E. AT ALL ROOMS CONTAINING ELECTRICAL TRANSFORMERS: 4" INSULATING BATTS IN WALLS AND ABOVE CEILING.

F. AT OTHER LOCATIONS, IF ANY, AS SPECIFIED ON THE FLOOR PLANS: 4" SOUND BATTS.

INSULATION BOTH THERMAL AND ACOUSTIC TO HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450. (IBC 803.8, IBC 719 AND ASTM E84).

G.C. SHALL SLEEVE, FIRESTOP, FLASH AND CAULK ALL PENETRATIONS OF FLOORS SO THAT THE ODORS OR LIQUIDS WILL NOT PENETRATE THE SLAB AT THESE OPENINGS. SUCH SLEEVES SHALL BE INSTALLED ACCORDING TO THE LANDLORD STANDARD DETAILS.

07250 - FIREPROOFING
APPLICATION OF FIREPROOFING SHALL INCLUDE THE FOLLOWING:

FIREPROOFING OF NEW STRUCTURAL STEEL FRAMING MEMBERS, AND PATCHING AND REPAIRING OF EXISTING FIREPROOFING SYSTEM WHICH IS REMOVED TO ACCOMMODATE THE INSTALLATION OF NEW WORK, OR DAMAGED AS A RESULT OF WORK UNDER THIS CONTRACT.

FIREPROOFING SYSTEM: PROVIDE FIREPROOFING OF SAME MATERIAL AND BY SAME MANUFACTURER AS USED ON THE EXISTING STEEL, OR AS APPROVED BY OWNER AND LANDLORD AND THE BUILDING DEPARTMENT.

07270 - FIRE STOP INSULATION AND SEALING
APPLICATIONS FOR FIRE STOP INSULATION AND SEALING INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING:

SEALING FIRE, SMOKE, CONDITIONED AIR AND SIMILAR PENETRATIONS THROUGH FIRE RATED WALLS AND PARTITIONS AND FLOORS.

SEALING RATED PARTITIONS AT TOPS WHERE PARTITIONS JOIN STRUCTURE OR OTHER RATED CONSTRUCTION.

SEALING EXPANSION AND CONTROL JOINTS IN RATED PARTITIONS.

ONE-PART FIRESTOPPING SEALANT: TO BE USED FOR SEALING OPENINGS AROUND CABLES, CONDUITS, PIPES AND SIMILAR PENETRATIONS THROUGH WALLS AND PARTITIONS.

ONE-PART FIRESTOP SEALANT: BIO FIRESHIELD, INC.

DOW CORNING FIRE STOP SEALANT; DOW CORNING CORP. 3M FIRE BARRIER CAULK CP-25; ELECTRICAL PRODUCTS DIV/3M SPECSEAL SEALANT; STI, INC.
*THERMAFIBER FIRE SAFING

MINERAL WOOL SAFING INSULATION: "INSULATION" BY USG, OR APPROVED EQUAL.

07900 - CAULKING AND SEALANT
APPLICATIONS OF CAULKING AND SEALANT INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING:

ALL CAULKING AND SEALANT WORK NOT SPECIFICALLY MENTIONED IN OTHER SECTIONS, BUT REQUIRED TO PROVIDE A NEAT APPEARING CONSTRUCTION.

SINGLE-COMPONENT POLYURETHANE SEALANT (GENERAL INTERIOR SEALANT AND CAULKING): PROVIDE ONE OF THE FOLLOWING:

DYNATROL; PECORA CORP.
DYMONIC; TREMCO, INC.
921; MAMECO INTERNATIONAL, INC.

MISCELLANEOUS MATERIALS: PROVIDE PRIMER/SEALERS, BOND BREAKER TAPE AND BACKER ROD AS RECOMMENDED BY THE RESPECTIVE CAULKING AND SEALANT MANUFACTURER'S FOR USE WITH THEIR PRODUCT AND SUBSTRATES TO WHICH THEY ARE APPLIED.

08100 - HOLLOW METAL DOORS AND FRAMES
DOORS: FLUSH DESIGN DOORS, 1-3/4" THICK, SEAMLESS HOLLOW METAL CONSTRUCTION, WITH SMOOTH SURFACES WITHOUT VISIBLE JOINTS OR SEAMS ON EXPOSED SURFACES OR STILE EDGES, EXCEPT AROUND GLAZED INSERTS.

FACE SHEETS: 18 GAUGE, COLD ROLLED STEEL.

INTERNAL REINFORCING: CHANNEL SHAPED SECTIONS OR CONTINUOUS TRUSS FORM LINER CORE REINFORCEMENT WELDED TO BOTH FACE SHEETS.

REINFORCE TOPS, SIDES AND BOTTOMS OF DOORS WITH 1/8" CHANNELS. SOUND DEADENER: NON-COMBUSTIBLE ON ALL SURFACES.

FRAMES: FULL-WELDED UNIT CONSTRUCTION, WITH CORNERS MITERED, REINFORCED, AND CONTINUOUSLY WELDED FULL DEPTH AND WIDTH OF FRAME, ALL WELDS SHALL GROUND SMOOTH AND FLUSH. KNOCK DOWN TYPE FRAMES ARE NOT ACCEPTABLE. ALL CUT-OUTS SHALL BE PROTECTED WITH METAL DUST COVERS, WELDED TO FRAME, AT BACK OF FINISH HARDWARE CUTOUTS.

GAUGE: 16

FLOOR ANCHORS: SECURELY WELDED INSIDE EACH JAMB. ANCHORS SHALL BE PROPERLY PUNCHED FOR ANCHORING TO FLOOR.

JAMB ANCHORS: PROVIDE MINIMUM OF 4 DOUBLE STUD ANCHORS PER JAMB FOR USE WITH STEEL STUD WALLS AND PARTITIONS. ANCHORS SHALL BE STANDARD TYPE USED BY FRAME MANUFACTURER FOR THE PARTICULAR TYPE OF WALL AND PARTITION CONSTRUCTION. WHERE FIRE RATED ASSEMBLIES ARE INDICATED, PROVIDE ANCHORS REQUIRED TO MEET UL RATING.

MORTISE, REINFORCE, DRILL, AND TAP AS REQUIRED TO ACCOMMODATE ALL MORTISED TEMPLATE HARDWARE.

HARDWARE REINFORCEMENT: NOT LESS THAN 1/8" THICK AT HINGES AND STRIKE PLATE CLIPS.

SPREADER BARS: PROVIDE REMOVABLE SPREADER BARS ACROSS BOTTOM OF FRAMES, TACK WELDED TO JAMBS.

STOPS AND MOLDINGS: FORM FIXED STOPS INTEGRAL WITH FRAMES. PROVIDE REMOVABLE STOPS AROUND GLAZED PANELS; SECURE WITH MACHINE SCREWS SPACED UNIFORMLY NOT MORE THAN 12" O.C.

FINISHES: MANUFACTURER'S STANDARD RUST INHIBITIVE PRIMER.

08210 - WOOD DOORS
MANUFACTURERS: PROVIDE PRODUCTS OF ONE OF THE FOLLOWING:

ALGOMA HARDWOODS, INC.
EGGERS INDUSTRIES, ARCHITECTURAL DOOR DIVISION
WEYERHAUSER COMPANY
VT INDUSTRIES
FENESTRA

FLUSH WOOD DOORS: ALL INTERIOR FLUSH WOOD DOORS SHALL BE "PREMIUM GRADE" AS DEFINED IN THE AWI QUALITY STANDARDS, SECTION 1300. ALL INTERIOR FLUSH DOORS SHALL HAVE ROTARY CUT BIRCH VENEERS SUITABLE FOR PAINTED FINISH, 1-3/4" THICK, AWI TYPE PC-5 OR PC-7 (PARTICLE BOARD CORE, 5-PLY OR 7-PLY) CONSTRUCTION.

FIRE RATED DOORS: PROVIDE FACES AND GRADE TO MATCH NON-RATED FLUSH WOOD DOORS. MATERIALS AND CONSTRUCTION OF LABELED DOORS SHALL MEET THE REQUIREMENTS OF UL FOR CLASS OF OPENING. PROVIDE ADDITIONAL HARDWARE BLOCKING IN DOORS CONTAINING MINERAL TYPE CORES FOR THE ATTACHMENT OF SURFACE MOUNTED HARDWARE WITHOUT THE USE OF THRU-BOLTS. AFFIX UL LABELS TO DOORS.

EDGE CONSTRUCTION: PROVIDE MANUFACTURER'S STANDARD LAMINATED EDGE CONSTRUCTION FOR IMPROVED SCREW-HOLDING POWER CAPABILITY AND SPLIT RESISTANCE.

08710 - FINISH HARDWARE
GENERAL: FURNISH AND INSTALL FINISH HARDWARE FOR INTERIOR AND EXTERIOR DOORS.

FOLLOW DHI (DOOR AND HARDWARE INSTITUTE) STANDARDS AND GUIDELINES AND AWI (AMERICAN WOODWORKING INSTITUTE) STANDARDS FOR HARDWARE INSTALLATION ON WOOD DOORS.

FIRE RATED HARDWARE SHALL FOLLOW GUIDELINES AS ESTABLISHED BY:

NFPA 80 - FIRE DOORS AND WINDOWS
NFPA 101 - LIFE SAFETY CODE
NFPA 252 - FIRE TESTS OF DOOR ASSEMBLIES
UL 10B - SAFETY FIRE TESTS OF DOOR ASSEMBLIES
UL 305 - SAFETY OF LOCKS AND HARDWARE

FURNISH OWNER WITH MAINTENANCE DATA, MAINTENANCE PROCEDURES, MANUFACTURER WARRANTIES AND SPECIAL TOOLS.

FINISHES: AS NOTED ON DOOR AND HARDWARE SCHEDULES.

KEYING: GENERAL CONTRACTOR TO COORDINATE KEYING AND MASTER KEYING WITH CONSTRUCTION MANAGER. GENERAL CONTRACTOR TO INSTALL CONSTRUCTION CORES DURING CONSTRUCTION AND REPLACE WITH PERMANENT AT END OF JOB PRIOR TO TURN-OVER.

MANUFACTURERS: SEE DOOR SCHEDULE FOR SPECIFIC ITEMS, MANUFACTURERS & MODEL NUMBERS.

08800 - GLASS AND GLAZING
CLEAR TEMPERED GLASS: ASTM C 1048, CONDITION A (UNCOATED SURFACES), TYPE I (TRANSPARENT GLASS, FLAT), CLASS 1 (CLEAR), QUALITY Q3 (GLAZING SELECT), KIND AND THICKNESS INDICATED BELOW:

KIND: FT (FULLY TEMPERED).
THICKNESS: AS INDICATED.

GLASS EDGES: EDGES NOT CONCEALED BY STOPS OR MOLDINGS SHALL BE GROUND AND POLISHED FLAT, WITH EDGES SLIGHTLY EASED.

GLAZING SEALANTS: PROVIDE GLAZING SEALANTS AND PRE-FORMED GLAZING TAPES SELECTED FOR COMPATIBILITY WITH SURFACES CONTACTED IN THE INSTALLATION.

SETTING BLOCKS: NEOPRENE OR EPDM, 70-90 DUROMETER HARDNESS, WITH PROVEN COMPATIBILITY WITH GLAZING SEALANTS USED.

SPACERS: NEOPRENE OR EPDM, 40-50 DUROMETER HARDNESS, WITH PROVEN COMPATIBILITY WITH GLAZING SEALANTS USED.

FRAMING SYSTEM FOR 1/2" GLASS: FABRICATE FROM 16 GAUGE 302/304 STAINLESS STEEL TO PROFILE INDICATED, WITH NO. 8 MIRROR FINISH. SIZE SHALL BE 3-5/8" HIGH X 1-3/4" WIDE. FORM FRAMES IN MAXIMUM LENGTHS AND KEEP JOINTS TO A MINIMUM. TO THE GREATEST POSSIBLE, COMPLETE FABRICATION, ASSEMBLY, AND OTHER WORK BEFORE SHIPMENT TO PROJECT SITE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR SHIPMENT AND INSTALLATION.

ALL GLASS SUBJECT TO HUMAN IMPACT SHALL CONFORM TO THE STANDARDS SET FORTH IN SECTION 2406 OF THE INTERNATIONAL BUILDING CODE.

09250 - GYPSUM DRYWALL SYSTEMS
GYPSUM BOARD: PROVIDE GYPSUM BOARD OF TYPES INDICATED IN MAXIMUM LENGTHS AVAILABLE TO MINIMIZE END-TO-END JOINTS. COMPLY WITH ASTM C 36. THICKNESS: 5/8", EXCEPT WHERE INDICATED AS 1/4". EDGES SHALL BE TAPERED. GYPSUM BOARD USED IN CONJUNCTION WITH FIRE RATED WALLS AND PARTITIONS SHALL BE TYPE "X". PROVIDE 5/8" THICK WATER RESISTANT GYPSUM COMPLYING WITH ASTM C 630 AT LOCATIONS INDICATED.

STUDS AND RUNNERS: SCREW TYPE, ROLL FORMED, CHANNEL SHAPED SECTIONS, ASTM C 645, WITH FLANGE EDGES OF STUDS BENT BACK 90 DEGREES AND DOUBLED OVER TO FORM 3/16" MINIMUM LIP (RETURN), 20 GAUGE GALVANIZED STEEL WITH CUTOUTS FOR UTILITY RUNS. INCLUDE 25 GAUGE TOP AND BOTTOM RUNNERS AND ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION AS RECOMMENDED BY THE MANUFACTURER. ALL ACCESSORIES SHALL HAVE A GALVANIZED COATING. TOP RUNNER TRACK FOR PARTITIONS EXTENDING TO STRUCTURE ABOVE SHALL BE A DEEP LEG TYPE.

FURRING CHANNELS: 7/8" DEEP, 25 GAUGE ROLL FORMED GALVANIZED HAT SHAPED SECTIONS.

CARRYING CHANNELS (MAIN RUNNERS): COLD ROLLED, 1-1/2" STEEL CHANNELS WEIGHING 475 LBS. PER M LIN.FT., AND COATED WITH RUST INHIBITIVE PRIMER.

COLD ROLLED FURRING CHANNELS: 3/4" STEEL CHANNELS WEIGHING 300 LBS. PER M LIN.FT., AND COATED WITH RUST INHIBITIVE PRIMER.

DIRECT HUNG SUSPENSION SYSTEMS (CONTRACTOR'S OPTION): MANUFACTURER'S STANDARD ZINC COATED OR PAINTED SYSTEM OF FURRING RUNNERS, FURRING TEES, AND ACCESSORIES DESIGNED FOR CONCEALED SUPPORT OF GYPSUM DRYWALL CEILING SYSTEM; PROVIDE PROPER TYPE USE INTENDED.

FASTENERS: SELF-DRILLING, SELF-TAPPING SCREWS.

HANGER WIRES: 9 GAUGE GALVANIZED ANNEALED WIRE.

TIE WIRES: 16 GAUGE GALVANIZED ANNEALED WIRE.

FURRING CHANNEL CLIPS: HEAVY GAUGE GALVANIZED WIRE CLIPS BY THE MANUFACTURER OF THE FURRING CHANNELS USED.

METAL TRIM AND REINFORCEMENT:

CORNER BEADS: U.S. GYPSUM "DUR-A-BEAD", OR AN APPROVED EQUAL.

CASING BEADS: U.S. GYPSUM "#200A", OR APPROVED EQUAL.

REVEAL TRIM: EXTRUDED ALUMINUM TRIM OF SIZES AND SHAPES INDICATED.

WATER: POTABLE.

INSULATION: SEMI-RIGID MINERAL FIBER WITHOUT MEMBRANE, UNLESS OTHERWISE INDICAT