

DIVISION 1	GENERAL NOTES
GENERAL NOTES	
<p>A. ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE NATIONAL FIRE CODE "STANDARD BUILDING CODE," "STANDARD PLUMBING CODE," "STANDARD MECHANICAL CODE," "NATIONAL ELECTRICAL CODE," AND ALL OTHER APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES, AND ALL AUTHORITIES HAVING LOCAL JURISDICTION.</p> <p>B. ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITION OF "NFPA 70A LIFE SAFETY CODE."</p> <p>C. THE GENERAL CONTRACTOR SHALL FURNISH ALL WORK IN ACCORDANCE WITH THE CURRENT EDITION OF THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" AND DOCUMENT A201.</p> <p>D. THE CONTRACTOR SHALL UPON DISCOVERY, GIVE WRITTEN NOTICE TO THE ARCHITECT OF ANY MATERIALS, EQUIPMENT, OR DESIGN FEATURES WHICH HE BELIEVES TO BE INADEQUATE OR UNSUITABLE, IN VIOLATION OF LAWS, ORDINANCES, OR RULES AND REGULATIONS OF THE AUTHORITIES HAVING JURISDICTION OVER THE WORK, AND OF ANY NECESSARY ITEMS OR WORK OMITTED FROM THE DRAWINGS.</p> <p>E. ALL SUBCONTRACTORS SHALL USE ONLY SKILLED CRAFTSMEN, EXPERIENCED IN THE WORK OF THEIR TRADE, TO ENSURE FIRST CLASS WORKMANSHIP. ANY WORK NOT EQUAL TO BEST TRADE STANDARDS SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST. SHOULD ANY SUBCONTRACTOR REFUSE TO REMOVE AND REPLACE UNSATISFACTORY WORK, THE CONTRACTOR MAY REMOVE AND REPLACE IT, AND CHARGE THE COST TO THE SUBCONTRACTOR.</p> <p>F. IT IS THE GENERAL CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF PEOPLE AND OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING OR THE DOOMS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.</p> <p>G. ALL PRODUCTS AND PARTS SHALL FIT TOGETHER NEATLY, WITHOUT DAMAGE OR DISFIGUREMENT, EXCEPT FOR SPECIFIED SURFACES. ALL PRODUCTS AND PARTS SHALL BE CONSTRUCTED, FABRICATED AND INSTALLED TRUE, IN LINE, AND PLUMB. ALL NON CONFORMING WORK SHALL BE REJECTED AND RE-ACCOMPLISHED BY THE GENERAL CONTRACTOR AT NO ADDITIONAL COSTS TO THE OWNER.</p> <p>H. ALL WORK SHOWN ON THE DRAWINGS SHALL BE CONSTRUCTED OF NEW COMPONENTS.</p> <p>I. ALL BIDS SHALL BE PREPARED FROM A COMPLETE SET OF CONSTRUCTION DOCUMENTS. COMPLETE SETS OF DOCUMENTS SHALL NOT BE BROKEN UP FOR BID PURPOSES. SUCH ACTION MAY RESULT IN A LACK OF INFORMATION IN REFERENCE TO THE SCOPE OF WORK AS PERFORMED.</p> <p>J. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO PERSONALLY FIELD INSPECT THE PROJECT SITE PRIOR TO THE PREPARATION AND SUBMITTAL OF HIS BID. THIS INSPECTION IS REQUIRED SO THAT THE CONTRACTOR SHALL BE AWARE OF ALL EXISTING CONDITIONS AND THEIR INTERFACE WITH THE NEW CONSTRUCTION AS DEFINED IN THESE CONSTRUCTION DOCUMENTS.</p> <p>K. UNLESS OTHERWISE SPECIFIED, THE G.C. SHALL FURNISH A WRITTEN WARRANTY FOR ALL WORK (EQUIPMENT, MATERIALS AND LABOR) AGAINST ANY DEFECTS IN SAID WORK FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION, WITH ALL APPROPRIATE REPAIRS OR REPLACEMENTS AT NO ADDITIONAL COST TO THE OWNER.</p> <p>L. IT SHALL BE THE RESPONSIBILITY OF THE G.C. AND/OR CONTRACTORS TO COMPLY WITH ALL THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 BY THE U.S. DEPARTMENT OF LABOR, AND REQUIRE ALL ITS SUBCONTRACTORS AND EMPLOYEES TO COMPLY WITH THIS LAW, AND ANY RELATED STATE OR LOCAL LAWS.</p> <p>M. THE DATA GIVEN HEREIN AND ON THE DRAWINGS IS AS EXACT AS COULD BE SECURED. THEIR ABSOLUTE ACCURACY IS NOT GUARANTEED, AND THE G.C. SHALL OBTAIN EXACT LOCATIONS, MEASUREMENTS, LEVELS, ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT HIS WORK TO THE ACTUAL CONDITIONS OF THE BUILDING. DO NOT SCALE PRINTS. VERIFY ALL DIMENSIONS WITH THE ARCHITECT PRIOR TO COMMENCING WORK.</p> <p>N. THESE DOCUMENTS AND THE INFORMATION CONTAINED HEREIN SHALL NOT BE ALTERED IN ANYWAY BY THE CONTRACTOR OR THE OWNER. ALTERATION SHALL BE MADE ONLY BY THE ARCHITECT OF RECORD.</p> <p>O. MAINTAIN AREAS FREE OF WASTE MATERIALS, DEBRIS, AND RUBBISH. MAINTAIN THE SITE IN A CLEAN AND ORDERLY CONDITION. REMOVE DEBRIS AND RUBBISH FROM PIPE CHASERS, PLUMBING, ATTICS, CRAWL SPACES, AND OTHER CLOSED OR REMOTE SPACES PRIOR TO ENCLOSING THE SPACE BROOD AND VACUUM CLEAN INTERIOR AREAS PRIOR TO START OF SURFACE FINISHING, AND CONTINUE CLEANING TO ELIMINATE DUST. REMOVE WASTE MATERIALS, DEBRIS, AND RUBBISH FROM SITE WEEKLY AND DISPOSE OFF-SITE.</p>	
CONSTRUCTION NOTES	
<p>1. ALL EXIT DOORS SHALL BE OBTAINABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE OR EFFORT, MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS SHALL NOT BE USED.</p> <p>2. ALL GLAZING WITHIN A 24 INCH ARC OF DOORS WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR AND GLASS BELOW BY 6FF. AND ALL GLAZING IN DOORS SHALL BE SAFETY GLASS, TEMPERED GLASS OR ACRYLIC PLASTIC SHEET PER SBCC 2405.21</p> <p>3. PROVIDE AND INSTALL PORTABLE FIRE EXTINGUISHERS AS SHOWN IN THESE DOCUMENTS OR AS OTHERWISE DIRECTED BY THE LOCAL FIRE MARSHAL.</p> <p>4. SIGNAGE SHALL BE PROVIDED AS REQUIRED AND AS STATED IN THE ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION (OCTOBER 1991 EDITION) AND SHALL COMPLY WITH SECTION 430F SIGNAGE.</p>	
SECTION 01340 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES	
PART 1 GENERAL	
<p>1.01 REQUIREMENTS INCLUDED</p> <p>A. SUBMIT SHOP DRAWINGS, PRODUCT DATA AND SAMPLES REQUIRED BY CONTRACT DOCUMENTS, OR AS NECESSARY WHERE NOT INDICATED, SO ARCHITECT CAN REVIEW, SELECT, CHECK FOR CONFORMANCE, ETC., AS REQUIRED.</p> <p>1.02 RELATED REQUIREMENTS</p> <p>A. DESIGNATED IN THE CONSTRUCTION SCHEDULE OR IN A SEPARATE COORDINATE SCHEDULE, THE DATES FOR SUBMISSION AND THE DATES THAT REVEALED SHOP DRAWINGS, PRODUCT DATA AND SAMPLES WILL BE NEEDED. ALLOW SUFFICIENT TIME IN THE SCHEDULE FOR ARCHITECT REVIEW AND POSSIBLE RESUBMITTALS IF REQUIRED.</p> <p>1.03 SHOP DRAWINGS</p> <p>A. DRAWINGS SHALL BE PRESENTED IN A CLEAR AND THOROUGH MANNER.</p> <ol style="list-style-type: none"> 1. DETAILS SHALL BE IDENTIFIED BY REFERENCE TO SHEET AND DETAIL, SCHEDULE OR ROOM NUMBERS SHOWN ON CONTRACT DRAWINGS. 2. SHEET SHALL BE LABELED WITH CORRECT JOB NAME, LOCATION, ARCHITECT'S PROJECT NUMBER, AND SUBCONTRACTOR'S COMPANY NAME, ADDRESS, PHONE NUMBER AND NAME OF RESPONSIBLE REPRESENTATIVE OF COMPANY. 3. DRAWINGS, DETAILS, ETC. SHALL CLEARLY ILLUSTRATE ALL COMPONENTS AND ADJACENT COMPONENTS OF THE WORK. <p>1.04 PRODUCT DATA</p> <p>A. PREPARATION</p> <ol style="list-style-type: none"> 1. CLEARLY MARK EACH COPY TO IDENTIFY PERTINENT PRODUCTS OR MODELS WHICH ARE SPECIFICALLY COVERED BY THE SUBMITTAL. REFERENCE ALL NUMBERS TO CORRESPOND TO THOSE IN CONTRACT DOCUMENTS. 2. SHOW PERFORMANCE CHARACTERISTICS AND CAPACITIES. 3. SHOW DIMENSIONS AND CLEARANCES REQUIRED. 4. SHOW WORKING OR FINISH DIAGRAMS AND CONTROLS. <p>B. MANUFACTURER'S STANDARD SCHEMATIC DRAWINGS AND DIAGRAMS</p> <ol style="list-style-type: none"> 1. MODIFY DRAWINGS AND DIAGRAMS TO DELETE INFORMATION WHICH IS NOT APPLICABLE TO THE WORK. 2. SUPPLEMENT STANDARD INFORMATION TO PROVIDE INFORMATION SPECIFICALLY APPLICABLE TO THE WORK. <p>1.05 SAMPLES</p> <p>A. OFFICE SAMPLES SHALL BE OF SIZE INDICATED, OR OF SUFFICIENT SIZE AND QUANTITY TO CLEARLY ILLUSTRATE:</p> <ol style="list-style-type: none"> 1. FUNCTIONAL CHARACTERISTICS OF PRODUCT, WITH INTERNALLY RELATED PARTS AND ATTACHMENT DEVICES AND TECHNIQUES. 2. FINISH, COLOR, GRAIN AND PATTERN FOR ARCHITECT SELECTION AT NO ADDITIONAL COST. SUBMIT SPECIFIC COLOR RANGE INFORMATION FROM MANUFACTURER'S STANDARD RANGE. <p>B. ALL SAMPLES OF A PARTICULAR PRODUCT, ASSEMBLY, UNIT, ETC. SHALL BE SUBMITTED AT THE SAME TIME TO ALLOW PROPER REVIEW AND COMPARISON BETWEEN SAMPLES.</p> <p>1.06 PERMITS, LICENSES, AND CERTIFICATES FOR THE OWNER'S RECORDS, SUBMIT COPIES OF PERMITS, LICENSES, CERTIFICATION, INSPECTION REPORTS, RELEASES, JURISDICTIONAL SETTLEMENTS, NOTICES, AND REPORTS FOR FEE PAYMENTS, JUDGMENTS, AND SIMILAR DOCUMENTS, CORRESPONDENCE AND RECORDS RELATIVES TO THE WORK.</p>	

DIVISION 1	GENERAL NOTES CONT.
<p>1.01 CONTRACTOR RESPONSIBILITIES</p> <p>A. REVIEW SHOP DRAWINGS, PRODUCT DATA AND SAMPLES PRIOR TO SUBMISSION.</p> <p>B. DETERMINE AND VERIFY:</p> <ol style="list-style-type: none"> 1. FIELD MEASUREMENTS. 2. FIELD CONSTRUCTION CRITERIA. 3. CATALOG NUMBERS AND SIMILAR DATA. 4. CONFORMANCE WITH SPECIFICATIONS AND DRAWINGS. <p>C. COORDINATE EACH SUBMITTAL WITH REQUIREMENTS OF THE WORK AND THE CONTRACT DOCUMENTS. DO NOT SUBMIT NON-CONFORMING PRODUCTS.</p> <p>D. NOTIFY THE ARCHITECT IN WRITING, AT THE TIME OF SUBMISSION OF ANY DEVIATIONS IN THE SUBMITTALS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS, OR OF ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS.</p> <p>E. BEGIN NO FABRICATION OR WORK WHICH REQUIRES SUBMITTALS UNTIL RETURN OF SUBMITTALS WITH ARCHITECT'S CONFORMANCE REVIEW.</p> <p>F. SUBMITTALS NOT PROPERLY REVIEWED BY CONTRACTOR FOR CONFORMANCE WITH CONTRACT DOCUMENTS SHALL BE RETURNED WITHOUT ARCHITECT'S REVIEW OR ACCEPTANCE.</p>	
<p>1.02 SUBMISSION REQUIREMENTS</p> <p>A. MAKE SUBMITTALS PROMPTLY IN ACCORDANCE WITH APPROVED SCHEDULE, AND IN SUCH SEQUENCE AS TO CAUSE NO DELAY IN THE WORK OR IN THE WORK OF ANY OTHER CONTRACTOR.</p> <p>B. NUMBER OF SUBMITTALS REQUIRED:</p> <ol style="list-style-type: none"> 1. SHOP DRAWINGS: SUBMIT THE NUMBER OF ORIGINAL REPRODUCTIONS WHICH THE CONTRACTOR REQUIRES, PLUS THREE (3) COPIES WHICH WILL BE RETAINED BY THE ARCHITECT. MAXIMUM ACCEPTABLE SIZE IS 24" X 36" FOR ANY ONE SHEET. 2. PRODUCT DATA: SUBMIT THE NUMBER OF COPIES WHICH THE CONTRACTOR REQUIRES, PLUS THREE (3) WHICH WILL BE RETAINED BY THE ARCHITECT. 3. SAMPLES: SUBMIT THE NUMBER STATED IN EACH SUBMITTAL SECTION. IF NO NUMBER IS GIVEN, VERIFY CORRECT NUMBER WITH ARCHITECT PRIOR TO SUBMITTAL. MINIMUM OF TWO (2) SAMPLES. 4. PROVIDE SUBMITTALS AS REQUIRED BY THE INDIVIDUAL SECTION, BUT NO LESS THAN THAT STATED ABOVE. <p>C. SUBMITTALS SHALL CONTAIN:</p> <ol style="list-style-type: none"> 1. THE DATE OF SUBMISSION AND THE DATES OF ANY PREVIOUS SUBMISSIONS. 2. THE PROJECT TITLE AND NUMBER. 3. CONTRACT IDENTIFICATION. 4. THE NAMES OF: <ul style="list-style-type: none"> a. CONTRACTOR b. SUBCONTRACTOR c. SUPPLIER d. MANUFACTURER 5. IDENTIFICATION OF THE PRODUCT WITH THE SPECIFICATION SECTION NUMBER. 6. FIELD DIMENSIONS, CLEARLY IDENTIFIED AS SUCH. 7. RELATION TO ADJACENT OR CRITICAL FEATURES OF THE WORK OR MATERIALS. 8. APPLICABLE STANDARDS SUCH AS, BUT NOT LIMITED TO, ASTM OR FEDERAL SPECIFICATION NUMBERS. 9. IDENTIFICATION OF DEVIATIONS FROM CONTRACT DOCUMENTS. 10. IDENTIFICATION OF OPTIONS AVAILABLE, BUT NOT INDICATED IN THE SPECIFICATIONS, SUCH AS COLOR, FINISH, TEXTURE, ETC. WITH COMPLETE SAMPLES OR LISTING INCLUDED IN THE SUBMITTAL FOR ARCHITECT'S SELECTION. 11. INDICATION OF ITEMS TO BE INCLUDED IN THE WORK AND SHOWN ON THE SHOP DRAWINGS SHALL BE DIMENSIONED AND COORDINATED FOR PROPER FIT AND TIGHTLY INCLUSION. 12. IDENTIFICATION OF REVISIONS ON SUBMITTALS. 13. AN 8" X 3" BLANK SPACE FOR CONTRACTOR AND ARCHITECT STAMPS. 14. CONTRACTOR STAMPS, INITIALED OR SIGNED, CERTIFYING THE REVIEW OF SUBMITTAL, VERIFICATION OF PRODUCTS, FIELD REQUIREMENTS AND FIELD CONSTRUCTION CRITERIA, AND COORDINATION OF THE INFORMATION WITHIN THE SUBMITTAL WITH REQUIREMENTS OF THE WORK AND OF CONTRACT DOCUMENTS. 	
<p>1.03 RESUBMISSION REQUIREMENTS</p> <p>A. MAKE ANY CORRECTIONS OR CHANGES IN THE SUBMITTALS REQUIRED BY THE ARCHITECT AND REQUIR UNTIL ACCEPTED.</p> <p>B. SHOP DRAWINGS AND PRODUCT DATA:</p> <ol style="list-style-type: none"> 1. REVISION INITIALS, DATES OR DATA, AND REVISION AS SPECIFIED FOR THE INITIAL SUBMITTAL. 2. INDICATE ANY CHANGES WHICH HAVE BEEN MADE OTHER THAN THOSE REQUESTED BY THE ARCHITECT. 3. SAMPLES: SUBMIT NEW SAMPLES AS REQUIRED FOR INITIAL SUBMITTAL. <p>1.04 DISTRIBUTION</p> <p>A. DISTRIBUTE REPRODUCTION OF SHOP DRAWINGS AND COPIES OF PRODUCT DATA WHICH CARRY THE ARCHITECT'S STAMP OF CONFORMANCE TO:</p> <ol style="list-style-type: none"> 1. JOB FILE. 2. RECORD DOCUMENTS FILE. 3. SUBCONTRACTORS. 4. SUPPLIER OR FABRICATOR. 5. OWNER (TO BE DISTRIBUTED BY THE ARCHITECT). <p>1.05 ARCHITECT'S DUTIES</p> <p>A. REVIEW SUBMITTALS WITH REASONABLE PROMPTNESS AND IN ACCORD WITH SCHEDULE. ALLOW A MINIMUM OF TEN (10) WORKING DAYS FOR REVIEW UNLESS SPECIAL HANDLING IS ARRANGED IN ADVANCE.</p> <p>B. AFFIX STAMP AND INITIALS OR SIGNATURE, AND INDICATE REQUIREMENTS FOR RESUBMITTAL OR CONFORMANCE WITH INITIALS OR SIGNATURE. ACCEPTANCE IS FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS, QUANTITIES AND DIMENSIONS OF MATERIALS WILL NOT BE REVIEWED. ACCEPTANCE OF A SUBMITTAL DOES NOT WAIVE OR ALTER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.</p> <p>C. RETURN SUBMITTALS TO THE CONTRACTOR FOR DISTRIBUTION OR FOR RESUBMISSION.</p> <p>END OF SECTION 01340</p>	
DIVISION 2 SITE WORK	
NONE SPECIFIED	
DIVISION 3 CONCRETE	
SEE STRUCTURAL DRAWINGS	
DIVISION 4 MASONRY	
SEE STRUCTURAL DRAWINGS	
DIVISION 5 METALS	
SECTION 05000 METAL FABRICATIONS	
PART 1 GENERAL	
<p>1.01 MATERIALS</p> <p>A. PROVIDE NEW OR BEST COMMERCIAL QUALITY FOR PURPOSE INTENDED, AND FREE FROM DEFECTS IMPAIRING STRENGTH, DURABILITY, AND APPEARANCE.</p> <p>B. PROVIDE STEEL FOR MISCELLANEOUS STRUCTURAL FRAMING AND NON-STRUCTURAL FRAMING AS FOLLOWS:</p> <ol style="list-style-type: none"> 1. STRUCTURAL STEEL - ASTM A36 2. BRACKETS, FLANGES, AND ANCHORS - ASTM A36 3. FASTENERS, BOLTS, NUTS, WASHERS, AND OTHER FASTENERS CONFORMING TO APPROPRIATE FEDERAL SPECIFICATIONS OF TYPE, GRADE, AND CLASS REQUIRED. COMPLY WITH ASTM A307 FOR BOLTS OF 1/2" OR LARGER. PROVIDE ZINC-COATED FASTENERS FOR EXTERIOR USE OR WARE BUILT INTO EXTERIOR WALL. 4. FURNISH BOLT OR OTHERWISE CUSTOM FABRICATED BOLTS, PLATES, ANCHORS, HANGERS, DOUELS, DRIP CAPS AT WINDOWS, DOORS, AND BRICK WANSOCK, AND OTHER MISCELLANEOUS STEEL AND IRON SHAPES AS REQUIRED FOR FRAMING AND SUPPORTING WOODWORK, AND FOR ANCHORS OR SECURING WOODWORK TO CONCRETE. <p>1.02 PIPE BOLLARDS</p> <p>A. FABRICATE PIPE BOLLARDS FROM SCHEDULE 80 STEEL PIPE. PIPE TO BE 4 INCHES IN DIAMETER, FILLED WITH CONCRETE, SET PIPE 4 FEET INTO CONCRETE SUPPORT 2 INCHES IN DIAMETER AND 4 FEET ABOVE GRADE.</p> <p>END OF SECTION 05000</p>	
<p>1.03 SUBMITTALS</p> <p>A. MANUFACTURER'S SPECIFICATIONS, DETAILS, INSTALLATION INSTRUCTIONS AND PRODUCT DATA.</p> <p>B. APPLICATOR'S CERTIFICATE OF INSTRUCTION.</p> <p>C. SAMPLES OF ALL PROFILES AND TEXTURES FOR APPROVAL BY ARCHITECT.</p> <p>D. MANUFACTURER'S CODE REPORT.</p> <p>E. MANUFACTURER'S STANDARD WARRANTY.</p> <p>F. A LIST OF MINIMUM THREE (3) JOB REFERENCES.</p> <p>G. MANUFACTURER'S CERTIFICATION OF COMPLIANCE WITH EIMA STANDARDS.</p> <p>H. EIPA BOARD MANUFACTURERS CERTIFICATE WITH THE CURRENT EDITION OF EIMA GUIDELINE SPECIFICATIONS FOR EXPANDED POLYSTYRENE (EPS) INSULATION BOARD.</p> <p>I. SEPARATE MANUFACTURER'S CERTIFICATE OF COMPLIANCE WITH EIMA STANDARD 300/01.</p> <p>J. PREPARE AND SUBMIT PROJECT-SPECIFIC DETAILS (WHEN REQUIRED BY CONTRACT DOCUMENTS).</p> <p>1.04 WARRANTY</p> <p>A. PROVIDE MANUFACTURER'S STANDARD SEVEN YEAR LABOR AND MATERIAL WARRANTY.</p>	

DIVISION 5	METALS CONT.
SECTION 05010 FIXED STEEL LADDERS	
PART 1 GENERAL	
<p>1.01 SUMMARY</p> <p>A. PAINTED STEEL FIXED VERTICAL LADDER INCLUDING LADDER, CAGE, MOUNTING BRACKETS, SECURITY DOORS, WALK-THRU SIDE RAIL, REQUIRED FASTENERS.</p> <p>1.02 SYSTEM DESCRIPTION</p> <p>A. THE SYSTEM IS A PAINTED STEEL LADDER WITH CAGE DESIGNED TO BE ATTACHED TO A WALL. STANDARD RISER HEIGHT IS 27". LADDER SHALL BE ABLE TO WITHSTAND 1000 LB. LOADING WITHOUT FAILURE.</p> <p>B. SECURITY DOORS, WALK-THRU AND SIDE RAILS SHALL BE FURNISHED.</p> <p>1.03 DELIVERY, STORAGE, AND HANDLING</p> <p>A. EXAMINE LADDER WHEN IT ARRIVES ON SITE. NOTIFY THE CARRIER AND MANUFACTURER OF ANY DAMAGE.</p> <p>B. STORE LADDER UNTIL INSTALLATION UNDER ROOF.</p> <p>1.04 WARRANTY</p> <p>PROVIDE WARRANTY OF ONE (1) YEAR AGAINST DEFECTIVE MATERIAL AND WORKMANSHIP.</p>	
PART 2 PRODUCTS	
<p>2.01 MATERIALS</p> <p>A. LADDER</p> <ol style="list-style-type: none"> 1. SIDERAIL <ul style="list-style-type: none"> A. STEEL CHANNEL. B. 2 1/2" X 1 1/8" X 1/8". C. 1/8" MOLDED POLYURETHANE SAFETY CAP PROVIDED AT TOP. 2. TREADS <ul style="list-style-type: none"> A. STEEL. B. 2 1/4" X 3/4" X 1/4". C. TREADS DEEPLY SERRATED FOR SAFETY. 3. MOUNTING BRACKET <ul style="list-style-type: none"> A. 2" X 3" X 1/4" STEEL ANGLE. <p>B. CAGE</p> <ol style="list-style-type: none"> 1. 1/4" X 2" STEEL BAR HOOPS. 2. 1/4" X 2" STEEL BAR VERTICAL BAR. <p>C. SECURITY DOOR</p> <ol style="list-style-type: none"> 1. BURGLAR BAR HINGED DOOR AT BOTTOM OF CAGE. <p>D. FABRICATION</p> <ol style="list-style-type: none"> 1. THE LADDER IS COMPLETELY FABRICATED READY FOR INSTALLATION BEFORE SHIPMENT TO THE SITE. 2. ANY LADDER CAGES, AND SECURITY DOORS ARE COMPLETELY FABRICATED READY FOR FIELD ASSEMBLY TO THE LADDER BEFORE SHIPMENT TO THE SITE. <p>E. FINISHES</p> <ol style="list-style-type: none"> 1. PAINTED STEEL LADDER AND COMPONENTS. 	
PART 3 EXECUTION	
<p>3.01 INSTALLATION</p> <p>INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.</p> <p>END OF SECTION 05010</p>	
DIVISION 6 WOOD AND PLASTICS	
NONE SPECIFIED	
DIVISION 7 THERMAL AND MOISTURE PROTECTION	
SECTION 07100 BUILDING INSULATION	
PART 1 GENERAL	
<p>1.01 GENERAL</p> <p>A. COAT INSULATION EXPOSED TO VIEW IN FINISH WORK WITH GEMETAL COATING. INSTALL COATING STRICTLY IN ACCORDANCE WITH COATING MANUFACTURER'S INSTRUCTION APPROPRIATE TO THE FINISH. THICK, TEXTURE SURFACE WITH A PAINT REFLECTANCE OF APPROXIMATELY 30%.</p> <p>1.02 GENERAL BUILDING INSULATION</p> <p>A. RIGID BOARD INSULATION TO BE 1" CELLOTEX - TUFF "R".</p> <p>B. BLANKET INSULATION TO BE UNFACED, FIBER WITH THERMOPLASTIC RESINS, TYPE 1 MINERAL FIBER INSULATION WITH UNFACED FIBER WITH THERMOPLASTIC RESINS.</p> <p>C. APPLY INSULATION TO BE CONFORMING WITH MANUFACTURER'S RECOMMENDATIONS. INSTALL BLANKET INSULATION 6" MINIMUM WALL TO SUBSTRATE WITH ADHESIVE OR USE MECHANICAL ANCHORAGE TO PROVIDE PERMANENT FASTENING.</p> <p>1.03 LOOSE INSULATION</p> <p>A. SAVE AS GENERAL BUILDING INSULATION. CRACKS AND VOIDS AROUND FRAMES AND BLOCKING AND OTHER VOIDS IN EXTERIOR WALLS AND ROOF GROUND CAN'T CURBS, AND BLOCKING IN AND ABOUT THE ROOF WITH LOOSE INSULATION EDGE IN FLASHING CORNERS AND INTERSECTIONS BEFORE SHEETING OF EXTERIOR, COMPLETELY FILLING VOIDS.</p> <p>1.04 SOUND ATTENUATING INSULATION</p> <p>A. SOUND INSULATION SHALL BE INSTALLED IN STUD WALLS AND CEILING WHERE INDICATED ON THE DRAWINGS. FIT INSULATION TIGHTLY BETWEEN STUD MEMBERS.</p> <p>1.05 TAPERED ROOF INSULATION</p> <p>A. REMOVE AND INSTALL TAPERED ROOF INSULATION SYSTEM IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. MANUFACTURER OFFERING PRODUCTS THAT MAY BE INCORPORATED IN THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:</p> <ol style="list-style-type: none"> 1. CLOUTEX CORPORATION TAMPA, FL (813) 873-4173 <p>1.06 RELATED WORK</p> <p>A. SPECIFIED ELSEWHERE, INCLUDES, BUT NOT LIMITED TO, FURNISHING AND INSTALLING SUCH ITEMS AS ROOF MEMBRANE SYSTEM, NAILERS, MECHANICAL FASTENERS, FLASHING, ETC.</p>	
PART 2 PRODUCTS	
<p>2.01 MATERIAL DESCRIPTION</p> <p>A. AT CHU WALLS</p> <ol style="list-style-type: none"> 1. INSTALL QUEEN CORNING PINK FOAMULAR RIDGED FOAM INSULATION 1" THICK - R-9 <p>B. AT WALL CAVITIES</p> <ol style="list-style-type: none"> 1. 4" WALLS: INSTALL QUEEN CORNING KRAFT FACED R-19 INSULATION 2. 6" WALLS: INSTALL QUEEN CORNING KRAFT FACED R-19 INSULATION <p>C. AT CEILING</p> <ol style="list-style-type: none"> 1. INSTALL QUEEN CORNING KRAFT FACED R-19 OR R-30 INSULATION AS SPECIFIED IN DRAWINGS <p>D. AT SOUND PARTITIONS</p> <ol style="list-style-type: none"> 1. INSTALL QUEEN CORNING QUIET ZONE NOISE CONTROL BATT 	
PART 3 EXECUTION	
<p>3.01 INSULATION APPLICATION</p> <p>A. INSTALL THE FLAT AND TAPERED INSULATION LOOSELY OVER THE SUBSTRATE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.</p> <p>B. START THE BOARDS FROM THE ROOF DRAINS AND WORK TOWARD THE HIGH POINT. INSTALL TAPERED BOARDS ACCORDING TO THE RIBS STENCILED ON THE BOARD. DIRECTION IS ALSO STENCILED ON ALL BOARDS. STAGGER JOINTS OF UNDERLAYER BOARDS FROM TAPER BOARDS.</p> <p>END OF SECTION 07100</p>	
SECTION 07240 EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)	
PART 1 GENERAL	
<p>1.01 SUMMARY</p> <p>A. MATERIALS AND INSTALLATION OF CLASS 6 EPS EIFS SYSTEM.</p> <p>1.02 DELIVERY, STORAGE AND HANDLING</p> <p>A. DELIVER EIFS MATERIALS IN THEIR ORIGINAL SEALED CONTAINERS BEARING MANUFACTURER'S NAME AND IDENTIFICATION OF PRODUCT.</p> <p>B. PROTECT COATINGS (PAINT PRODUCTS) FROM FREEZING AND TEMPERATURES IN EXCESS OF 90° F (32° C). STORE AWAY FROM DIRECT SUNLIGHT.</p> <p>C. PROTECT PORTLAND CEMENT BASED MATERIALS (BAG PRODUCTS) FROM MOISTURE AND HUMIDITY. STORE UNDER COVER OF GROUND IN A DRY LOCATION.</p> <p>1.03 SUBMITTALS</p> <p>A. MANUFACTURER'S SPECIFICATIONS, DETAILS, INSTALLATION INSTRUCTIONS AND PRODUCT DATA.</p> <p>B. APPLICATOR'S CERTIFICATE OF INSTRUCTION.</p> <p>C. SAMPLES OF ALL PROFILES AND TEXTURES FOR APPROVAL BY ARCHITECT.</p> <p>D. MANUFACTURER'S CODE REPORT.</p> <p>E. MANUFACTURER'S STANDARD WARRANTY.</p> <p>F. A LIST OF MINIMUM THREE (3) JOB REFERENCES.</p> <p>G. MANUFACTURER'S CERTIFICATION OF COMPLIANCE WITH EIMA STANDARDS.</p> <p>H. EIPA BOARD MANUFACTURERS CERTIFICATE WITH THE CURRENT EDITION OF EIMA GUIDELINE SPECIFICATIONS FOR EXPANDED POLYSTYRENE (EPS) INSULATION BOARD.</p> <p>I. SEPARATE MANUFACTURER'S CERTIFICATE OF COMPLIANCE WITH EIMA STANDARD 300/01.</p> <p>J. PREPARE AND SUBMIT PROJECT-SPECIFIC DETAILS (WHEN REQUIRED BY CONTRACT DOCUMENTS).</p> <p>1.04 WARRANTY</p> <p>A. PROVIDE MANUFACTURER'S STANDARD SEVEN YEAR LABOR AND MATERIAL WARRANTY.</p>	

DIVISION 7	THERMAL AND MOISTURE PROTECTION CONT.
PART 2 PRODUCTS	
<p>2.01 MANUFACTURERS</p> <p>A. 810 CORP.</p> <p>B. PROVIDE EIFS COMPONENTS FROM SINGLE SOURCE MANUFACTURER OR APPROVED SUPPLIER.</p> <p>C. ALTERNATES TO THE APPROVED MANUFACTURER WILL BE CONSIDERED ONLY IF SUBMITTED TO ARCHITECT 10 DAYS PRIOR TO BID DURING WHICH EIPA MUST INCLUDE SUBSTITUTION OR SPECIFIED SYSTEM PERFORMANCE, PRODUCT COMPONENT PERFORMANCE AND PRODUCT COMPONENT DESCRIPTIONS.</p> <p>2.02 ADHESIVE</p> <p>A. 810 PLUS, A ONE-COMPONENT, FACTORY-PROPORTIONED, POLYMER-MODIFIED, CEMENT-BASED ADHESIVE WITH FIBER REINFORCEMENT (FOR USE OVER EXTERIOR GYPSUM SHEATHING, DENS GLASS GOLD SHEATHING, EXTERIOR CEMENTATION SHEATHING, CONCRETE, MASONRY OR PLASTER SURFACES. NOT RECOMMENDED OVER WOOD SURFACES).</p> <p>2.03 INSULATION BOARD</p> <p>A. NOMINAL 10 EPS/FLX (16 Kg/m³) EXPANDED POLYSTYRENE (EPS) INSULATION BOARD IN COMPLIANCE WITH ASTM C 578 TYPE I REQUIREMENTS AND EIMA GUIDELINE SPECIFICATION FOR EXPANDED POLYSTYRENE (EPS) INSULATION BOARD, 1-1/2" THICK.</p> <p>2.04 BASE COAT</p> <p>A. 810 PLUS, A ONE-COMPONENT, FACTORY-PROPORTIONED, POLYMER-MODIFIED CEMENTITIOUS BASE COAT WITH FIBER REINFORCEMENT (FOR USE OVER EXTERIOR GYPSUM SHEATHING, DENS GLASS GOLD SHEATHING, EXTERIOR CEMENTATION SHEATHING, CONCRETE, MASONRY OR PLASTER SURFACES. NOT RECOMMENDED OVER WOOD SURFACES).</p> <p>B. 810 FLEXI-FIBER REINFORCED ACRYLIC BASE COAT MIXED WITH PORTLAND CEMENT (FOR USE AS A WATERPROOF BASE COAT TO WATERPROOF FOUNDATIONS, SLOPED EIFS SHAPES AND PARAPETS. 510 PRIMER IS REQUIRED OVER 810 FLEXI-FIBER TO APPLY FINISH COAT).</p> <p>2.05 REINFORCING MESHES</p> <p>A. STANDARD MESH-NOMINAL 45 0250x10, SYMMETRICAL, INTERLACED OPEN-LEAVE GLASS FIBER FABRIC MADE WITH ALKALINE RESISTANT GLASS FIBERS WITH EPS MATERIALS FOR USE AT WALL AREAS ABOVE FIRST FLOOR NOT SUBJECT TO PEDESTRIAN TRAFFIC.</p> <p>B. ARMOR MAT - ULTRA HIGH IMPACT MESH - NOMINAL 15 0250x10, ULTRA-HIGH IMPACT, DOUBLE STRAND, INTERWOVEN, OPEN-LEAVE GLASS FIBER FABRIC WITH ALKALINE RESISTANT COATING FOR COMPATIBILITY WITH EPS MATERIALS. FOR USE ON ALL AREAS AS NOTED ON PLANS. STANDARD 1017 FIBER IS REQUIRED OVER ARMOR MAT AS THE SECOND LAYER.</p> <p>2.06 PRIMER (OPTIONAL COMPONENT)</p> <p>A. 810 SUGGESTED SILICONE ENHANCED PRIMER (FOR SILICONE BASED FINISHES). TINTED TO SAME COLOR AS FINISH COAT.</p> <p>2.07 FINISH COAT</p> <p>A. 810 SILLU, A SILICONE ENHANCED TEXTURED FINISH WITH GRADED THICKNESS AGGREGATE, STAIN AND COLOR AS SELECTED BY ARCHITECT, (SEE SPECIFY FINISH COLOR WITH A BUSINESS VALUE OF 20% OR OVER THE SYSTEM).</p> <p>2.08 JOBS MIXED INGREDIENTS</p> <p>A. PORTLAND CEMENT - ASTM C 150, TYPE I (FOR WATERPROOF BASE COAT ONLY).</p> <p>B. WATER CLEAN AND POTABLE.</p> <p>2.09 MIXING</p> <p>A. MIX MATERIALS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.</p>	
PART 3 EXECUTION	
<p>3.01 INSTALLATION</p> <p>INSTALL CLASS 6B EPS IN ACCORDANCE WITH MANUFACTURER'S CURRENT PUBLISHED WRITTEN INSTRUCTIONS.</p> <p>3.02 PROTECTION</p> <p>PROTECT PROTECTION OF INSULATED EIFS MATERIALS FROM WATER INFILTRATION INTO OR BEHIND THE SYSTEM. PROVIDE PROTECTION OF INSULATED EIFS FROM DUST, DIRT, PRECIPITATION FREEZING AND CONTINUOUS HIGH HUMIDITY UNTIL EPS COATINGS ARE FULLY DRY.</p> <p>END OF SECTION 07240</p>	
SECTION 07530 SINGLE PLY THERMOPLASTIC MEMBRANE ROOFING	
PART 1 GENERAL	
<p>1.01 GENERAL</p> <p>A. INSTALL PRIMARY FLEXIBLE SHEET ROOFING FROM A SINGLE MANUFACTURER. PROVIDE SECONDARY MATERIALS AS RECOMMENDED BY MANUFACTURER OF PRIMARY MATERIALS. DO NOT REUSE ROOFING INSTALLATION UNTIL SUBSTRATES HAVE BEEN INSPECTED AND ARE DETERMINED TO BE IN SATISFACTORY CONDITION.</p> <p>B. PROVIDE ROOFING MATERIALS RECOGNIZED TO BE A TYPE INDICATED AND TESTED TO SHOW COMPLIANCE WITH PERFORMANCE IN APPLICATION OR PROVIDE OTHER SIMILAR MATERIALS CERTIFIED IN WRITING BY MANUFACTURER TO BE EQUAL TO OR BETTER THAN MATERIALS SPECIFIED IN EVERY RESPECT. PROVIDE PRODUCTS THAT ARE RECOMMENDED BY MANUFACTURERS TO BE FULLY COMPATIBLE WITH INDICATED SUBSTRATES, OR PROVIDE SEPARATE MATERIALS AS REQUIRED TO ELIMINATE CONTACT BETWEEN INCOMPATIBLE MATERIALS.</p> <p>C. ROOFING MEMBRANE USED SHALL BE A MINIMUM OF 45 MILS (ACTUAL) WITH THE EXPOSED COLOR BEING WHITE.</p> <p>1.02 WARRANTY</p> <p>A. SUBMIT EXECUTED COPY OF SINGLE PLY MEMBRANE MANUFACTURER'S LIMITED SERVICE WARRANTY* AGREEMENT INCLUDING FLASHING EXPENSURE SIGNED BY AN AUTHORIZED REPRESENTATIVE OF MANUFACTURER. PROVIDE FORM THAT IS PUBLISHED WITH PRODUCT LITERATURE AS OF DATE OF CONTACT DOCUMENTS FOR A PERIOD OF TEN YEARS AFTER DATE OF SUBSTANTIAL COMPLETION.</p>	
PART 2 PRODUCTS	
<p>2.01 MANUFACTURER/PRODUCTS</p> <p>A. MECHANICALLY FASTENED POLYMER MEMBRANE: APPROVED PRODUCTS: THERMOPLASTIC MEMBRANE 1 SUBJECT TO COMPLIANCE WITH REQUIREMENTS. MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED IN THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:</p> <ol style="list-style-type: none"> 1. JELD RAUFIBERFORMS CORP., NORTHVALE, COLORADO, 303-933-8000 2. DURO-LAST ROOFING, BAGNALL, MICHIGAN, 800-249-0700 3. FIRESTONE ULTRAPLY 18, CARREL, INDIANA, 317-976-1000 	
PART 3 EXECUTION	
<p>3.01 INSTALLATION</p> <p>A. INSTALL MEMBRANE BY UNROLLING OVER PREPARED SUBSTRATE. LAPFING ADJOINING SHEETS AS RECOMMENDED BY MANUFACTURER AND BONDING AND SEALING SEAMS. INSTALL MECHANICAL FASTENERS AS RECOMMENDED BY MANUFACTURER. INSTALL FLASHING AND COUNTER FLASHING AS SHOWN OR RECOMMENDED BY MANUFACTURER.</p> <p>B. ENGAGE AN EXPERIENCED INSTALLER TO APPLY SINGLE PLY MEMBRANE ROOFING WHO HAS SPECIALIZED IN APPLICATION OF ROOFING SYSTEMS SIMILAR TO THOSE REQUIRED FOR THIS PROJECT. INSTALLER MUST BE ACCEPTABLE TO OR LICENSED BY THE MANUFACTURER. "PROOF" WILL BE REQUIRED."</p> <p>C. WORK ASSOCIATED WITH FLASHING, FLASHING, FLASHING, FLASHING, FLASHING, FLASHING, FLASHING AND COUNTER FLASHING, SCUFFERS AND DOWN SPOUTS, IS TO BE PERFORMED BY THE INSTALLER.</p> <p>END OF SECTION 07530</p>	
SECTION 07900 JOINT SEALERS	
PART 1 GENERAL	
<p>1.01 GENERAL</p> <p>A. PROVIDE JOINT SEALERS, JOINT FILLERS, AND OTHER RELATED MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH JOINT SUBSTRATES UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY SEALANT MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE. PROVIDE COLORS TO MATCH ADJACENT FINISH SURFACES.</p> <p>B. PROVIDE SEALANT BACKINGS OF MATERIAL AND TYPE WHICH ARE NONSTAINING, ARE COMPATIBLE WITH JOINT SUBSTRATE, SEALANTS, PRIMERS, AND OTHER FILLERS, AND ARE APPROVED FOR APPLICATIONS INDICATED BY SEALANT MANUFACTURER.</p> <p>C. SEALANTS: SEALANT BACKINGS SHALL BE AS FOLLOWS OR EQUAL:</p> <ol style="list-style-type: none"> 1. ONE-PART POLYURETHANE: SONOSORBENE SONALASTIC NPI 2. TWO-PART POLYURETHANE: SONOSORBENE SONALASTIC NPI 3. SILICONE: DOW CHEMICAL, SILICONE RUBBER BATHING CALK <p>D. APPLY WITH JOINT SEALER MANUFACTURER PRINTED INSTALLATION INSTRUCTION APPLICABLE TO PRODUCTS AND APPLICATIONS INDICATED. CLEAN JOINT IMMEDIATELY BEFORE INSTALLING JOINT SEALERS. PRIME WHERE RECOMMENDED BY SEALER MANUFACTURER. DO NOT ALLOW MIGRATION OF PRIMER ONTO ADJACENT SURFACES. MASK WHERE REQUIRED TO PROTECT ADJACENT SURFACES FOR STAINING DAMAGE BY CLEANING METHODS TO REMOVE SPLICERS.</p> <p>E. APPLY SEALANTS IN A MANNER SO THAT APPEARANCE IS THAT OF A SMOOTH, UNIFORM, SLIGHTLY CONCAVE BEAD. TOOL WITH CALKING TOOL, AND REMOVE WITHIN 10 MINUTES OF APPLICATION. ALL SEALANT JOINTS ARE TO BE WATER-TIGHT.</p> <p>F. BACKER ROD: FIBERFILLER FOAM BACKER ROD, NONSTAINING, CLOSED-CELL, EXPANDED POLYURETHANE FOAM AS MANUFACTURED BY DOW CHEMICAL. ETHFOAM FURNISH WITH ROUND EDGE IN THICKNESS REQUIRED.</p> <p>END OF SECTION 07900</p>	
DIVISION 8 DOORS AND WINDOWS	
SECTION 08010 STANDARD STEEL DOORS AND FRAMES	
PART 1 GENERAL	
<p>1.01 GENERAL</p> <p>A. PROVIDE DOORS AND FRAMES CONFORMING WITH STEEL DOOR INSTITUTE RECOMMENDED SPECIFICATIONS STANDARD STEEL DOORS AND FRAMES ANSI/DI-100.</p> <p>B. MANUFACTURER TO BE A MEMBER OF THE STEEL DOOR INSTITUTE, IE: GECO BUILDING PRODUCTS, REPUBLIC BUILDERS PRODUCTS OR STEEL CRAFT.</p> <p>C. SUPPLIER TO BE A STOCKING DISTRIBUTOR FOR ONE OF THE LISTED MANUFACTURERS WITH NO LESS THAN FIVE YEARS OF DISTRIBUTION FOR SAME MANUFACTURER. SUPPLIER TO HAVE A "UL" OR "WARRNOK HERSEY" CERTIFIED FABRICATION SHOP.</p>	

DIVISION 8	DOORS AND WINDOWS CONT.
<p>1.02 DOORS</p> <p>A. EXTERIOR DOORS TO BE GRADE II, MINIMUM 18 GA. A60 GALVANEALD FACE SHEET WITH 16 GA. STEEL HINGE CHANNEL, FLUSH TOP CHANNEL AND INVERTED BOTTOM CHANNEL. CORE TO BE HONEYCOMB OR POLYSTYRENE. DOOR TO HAVE FACTORY APPLIED FINISH. INVERTED TOP CHANNEL WITH SHOP APPLIED CAP IS NOT ACCEPTABLE.</p> <p>B. INTERIOR DOORS TO BE GRADE II, MINIMUM 20 GAGE COLD ROLLED STEEL FACE SHEET WITH 16 GAGE STEEL HINGE CHANNEL. CORE TO BE HONEYCOMB OR POLYSTYRENE.</p> <p>1.03 FRAMES</p> <p>A. EXTERIOR DOOR FRAME TO CONFORM TO SDI/AMBI 4250/0-1998. FABRICATED OF 16 GA. A60 GALVANEALD STEEL. CORNERS TO BE FACE WELDED AND GROUND SMOOTH. PAINT AREA WITH A RUST-INHIBITING PRIMER. ANCHORS TO BE CONCEALED.</p> <p>B. INTERIOR DOOR FRAME TO CONFORM TO SDI/AMBI 4250/0-1998. FABRICATED OF 16 GA. A60 GALVANEALD STEEL. CORNERS TO BE FACE WELDED AND GROUND SMOOTH. PAINT AREA WITH A RUST-INHIBITING PRIMER. ANCHORS TO BE CONCEALED. PREP FRAME FOR THREE BLENTERS.</p> <p>1.04 HARDWARE</p> <p>A. PREPARE DOOR AND FRAME TO RECEIVE HARDWARE IN ACCORDANCE WITH THE DOOR SCHEDULE AND TEMPLATES PROVIDED BY THE HARDWARE MANUFACTURER.</p> <p>1.05 FIRE RATINGS</p> <p>A. ALL DOOR AND FRAMES TO BE FIRE LABELED SHALL HAVE APPROPRIATE LABELS TO MEET NFPA AND LOCAL BUILDING CODES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRIBUTOR TO VERIFY ALL MODIFICATIONS WILL MEET THE NFPA AND LOCAL BUILDING CODES.</p> <p>END OF SECTION 08010</p>	
SECTION 080210 FLUSH WOOD DOORS	
PART 1 GENERAL	
<p>1.01 GENERAL</p> <p>A. DO NOT DELIVER DOORS OR INSTALL UNTIL CONDITIONS FOR TEMPERATURE AND RELATIVE HUMIDITY HAVE BEEN ESTABLISHED AND DOORS MUST BE MAINTAINED IN STORAGE AND INSTALLATION AREAS DURING REMANER OF CONSTRUCTION PERIOD.</p> <p>1.02 INTERIOR FLUSH WOOD DOOR CORES</p> <p>A. PROVIDE DOORS 1 3/4" X 5 OR 1 PLY, PARTICLE BOARD CORE. CONFORMING TO ALL SECTION 0800 HARDWARE SHALL BE PREMIUM GRADE, STAIN GRADE BIRCH. EDGE STRIPS SHALL BE HARDWOOD. EDGE STRIPS SHALL NOT BE LESS THAN 1 3/8" THICK EDGE BEFORE TRIMMING AND SHALL BE SPECIES COMPATIBLE WITH FACE VENEER TOP AND BOTTOM AND BOTTOM EDGE SHALL NOT BE LESS THAN 1 1/8" BEFORE TRIMMING. APPROPRIATE FIRE DOOR LABEL TO BE ATTACHED.</p> <p>B. 45 TRU 90 MINUTE - PROVIDE DOORS 1 3/4" X 5 OR 1 PLY, NONCOMBUSTIBLE, NON-ASBESTOS MINERAL CORE. ENGINEERED TO MEET LABELING REQUIREMENTS. CONFORMING TO NFPA 800 AND ALL SECTION 0800 FACE VENEER SHALL BE PREMIUM GRADE, STAIN GRADE RED OAK. EDGE STRIPS SHALL BE 1 1/2" WITH 8/8" MATCHING HARDWOOD EDGE AND 1/8" COMPOSITE BACKING. APPROPRIATE FIRE DOOR LABEL TO BE ATTACHED.</p> <p>1.04 HARDWARE</p> <p>A. PREPARE DOOR TO RECEIVE HARDWARE IN ACCORDANCE WITH THE DOOR SCHEDULE AND TEMPLATES PROVIDED BY THE HARDWARE MANUFACTURER.</p> <p>B. PREPARATION OF FIRE DOORS TO BE DONE AT THE FACTORY OR AN APPROVED "UL" OR "WARRNOK HERSEY" SHOP.</p> <p>END OF SECTION 080210</p>	
SECTION 080410 ALUMINUM STOREFRONT SYSTEM	
PART 1 GENERAL	
<p>1.01 SUMMARY</p> <p>A. PROVIDE ALUMINUM STOREFRONT SYSTEMS THAT WILL WITHSTAND WIND AND PRESSURE LOADS FOR THE LOCATION INDICATED ON THE DRAWINGS PER NATIONAL, STATE AND LOCAL CODES.</p> <p>1.02 RELATED SECTIONS</p> <p>A. SEALANTS</p> <p>B. GLASS AND GLAZING</p>	