

DIVISION 1 – GENERAL REQUIREMENTS:

- A. CONTRACTOR MUST HOLD A CURRENT GENERAL CONTRACTOR'S LICENSE IN THE STATE OF ALABAMA IN ORDER TO BID THIS WORK.
- B. VENDOR DRAWING SUBMITTALS:
MANUFACTURER'S/SUPPLIER'S SHALL SUBMIT VENDOR DRAWINGS, INSTALLATION/ERECTION INSTRUCTIONS AND SPECIFICATIONS, INCLUDING VOC/HAZARD DATA WHEN APPLICABLE, TO OWNER FOR REVIEW AND APPROVAL. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH MANUFACTURER'S INSTRUCTIONS, 2010 AMERICAN WITH DISABILITIES ACT (ADA), OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND APPLICABLE CODES AND STANDARDS.

DIVISION 2 – SITE CONSTRUCTION:**A. GENERAL REQUIREMENTS**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.

2. SITE & BUILDING SHALL BE MAINTAINED IN CLEAN AND WORKMANLIKE MANNER. ALL DEBRIS AND WASTE SHALL BE REMOVED FROM SITE AS WORK PROGRESSES. WASTE/DEBRIS SHALL BE TAKEN TO APPROVED DISPOSAL SITE AND TRANSPORTED IN ACCORDANCE WITH ALL STATE AND LOCAL LAWS. CONTRACTOR SHALL TAKE MEASURES TO PREVENT THE SPREAD OF DUST OUTSIDE WORK AREA, INCLUDING THE PREVENTION OF DUST FROM ENTERING THE EXISTING HVAC SYSTEM(S). THE CONTRACTOR SHALL KEEP WORK AND ADJACENT AREAS CLEAN TO THE SATISFACTION OF THE OWNER.

DIVISION 3 – CONCRETE:**B. REINFORCING STEEL:**

ASTM A615 GRADE BILLET STEEL DEFORMED BARS, UNCOATED, 60 KSI YIELD GRADE.

C. WELDED WIRE MESH:

ANSI/ASTM A185 PLAIN TYPE, IN FLAT SHEETS, UNCOATED FINISH.

D. TIE WIRE:

MIN. 16 GAUGE ANNEALED TYPE.

E. CHAIRS, BOLSTERS, BAR SUPPORTS, SPACERS:

SIZED AND SHAPED FOR STRENGTH AND SUPPORT OF REINFORCEMENT DURING INSTALLATION AND PLACEMENT OF CONCRETE INCLUDING PADS FOR PROTECTION OF VAPOR BARRIER FROM PUNCTURE.

F. CONCRETE CURING AND PROTECTION:

PROTECT FRESHLY POURED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD/HOT TEMPERATURES. PERFORM CURING BY MOIST CURING OR BY MOISTURE-RETAINING COVER CURING. USE FIBER-CRETE FOR LOCKER BASES.

DIVISION 4 – MASONRY:**A. MASONRY**

1. HOLLOW UNITS: ASTM C 90, GRADE N, TYPE 1.
2. SOLID UNITS: ASTM C 145 GRADE N, TYPE 1, LIGHT WEIGHT.
3. CONCRETE BRICK: ASTM C 55, GRADE N, TYPE 1, NORMAL WEIGHT.
4. MORTAR: ASTM C 270, TYPE S USING THE PROPERTY METHOD TO ACHIEVE 1900 PSI STRENGTH.
5. REINFORCEMENT: DUR-O-WALL, HECKMANN BUILDING PRODUCTS OR HOHMANN & BARNARD INC. OR EQUAL. HORIZONTAL JOINT REINF.: TRUSS TYPE WITH 9 GA. SIDE AND TRUSS RODS. VENEER WALL TIES: 7/8" WIDE X 7" MIN. LONG CORRUGATED SHEET STEEL, 20 GA., GALVANIZED FINISH.

B. BRICK AND STONE

1. PROVIDE VERTICAL EXPANSION JOINTS IN BRICK VENEER PER INDUSTRY STANDARDS AND AS RECOMMENDED BY BRICK INDUSTRY ASSOCIATION, TECHNICAL NOTES 18A. SEAL EXPANSION JOINTS PER ASTM C-920-01.

2. BRICK-STONE WALL THE SYSTEM AS RECOMMENDED BY BRICK INDUSTRY ASSOCIATION (IBA), BUT NOT LESS THAN ONE ANCHOR PER 2.76 S.F. OF WALL AREA MAX. ANCHORS SHALL BE NON-CORROSIVE TYPE. MAXIMUM THE SPACING 32" HORIZONTALLY & 18" VERTICALLY.

3. BRICK SHALL GRADE SW, TYPE FBS & CONFORM TO ASTM C 216. BRICK & MORTAR TO MATCH EXISTING. OWNER WILL SELECT FACE BRICK AND STONE VENEER TYPE AND COLOR.

4. BRICK SHALL BE INSTALLED TO MATCH EXISTING. BRICK REMOVED FROM EXTERIOR WALL(S) SHALL BE RE-USED TO REPAIR OPENINGS.

5. MORTAR: ASTM C 270, TYPE N USING THE PROPERTY METHOD TO ACHIEVE 750 PSI STRENGTH.

DIVISION 5 – METALS:**A. MATERIALS:**

1. STEEL SECTIONS: ASTM A36; ASTM A992 FOR WIDE FLANGES
 2. STEEL TUBING: ASTM A500, GRADE B
 3. STEEL PIPE: ASTM A53, GRADE B, SCHEDULE 40
 4. BOLTS, NUTS AND WASHERS: ASTM A307, GRADE A
 5. WELDING MATERIALS: AWS D1.1, TYPE REQUIRED FOR MATERIALS BEING WELDED.
- B. PRIMERS:**
1. MFG. STANDARD. LEAD FREE PRIMER, CAPABLE OF PROVIDING SOUND BASE FOR FIELD APPLIED TOP COATS FOR PROLONGED EXPOSURE.
 2. ZINC RICH PRIMER: 80% ZINC PIGMENT CONTENT IN DRY FILM BY WEIGHT
 3. GALVANIZING: HOT DIPPED PER ASTM A153 AND ASTM A 123 AS APPLICABLE.
- C. STEEL UNTELS:**
1. PROVIDE AT WALL OPENING AND RECESSES.
 2. WELD MULTIPLE LOOSE UNTELS TO FORM ONE UNIT
 3. WELD A MIN. OF 8 INCHES OF BEARING AT ENDS, UNLESS NOTED.

DIVISION 6 – WOOD AND PLASTIC:**A. ROUGH CARPENTRY:**

1. LUMBER: GRADING RULES PS 20, S4S, S.Y.P. OR DOUGLAS FIR, #2 OR BETTER.
 2. PLYWOOD: GRADING RULES PS 1
WALL SHEATHING: C-D/EXPOSURE, NON-COMBUSTIBLE FLOORING, 3/4" THICK MIN., T & G SUB-FLOORING.
 3. WOOD TREATMENTS: AWPA LP-2 ABOVE GROUND; AWPA LP-22 GROUND, MASONRY OR CONCRETE CONTACT.
- B. FINISH CARPENTRY:**
1. PLYWOOD: 3/4" THICK BIRCH, STAIN GRADE.

DIVISION 7 – THERMAL AND MOISTURE PROTECTION:**A. FELT:**

1. BUILDING FELT: NO 15 ASPHALT SATURATED ORGANIC FELT, ASTM D 226, TYPE 1.
2. FASTENERS: CORROSION RESISTANT NAILS OR STAPLES.

B. DAMPROOFING:

SONNEBORN "HYDROIDE 648".

C. INSULATION:

OWENS CORNING, JOHNS MANVILLE OR CERTAINTED KRAFT FACED FIBERGLASS INSULATION OR EQUAL, R-13 FOR WALLS. ALL THERMAL AND ACOUSTICAL INSULATION SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25. INSTALL PER MANUFACTURER'S INSTRUCTIONS.

E. JOINT SEALANTS:

SILICONE SEALANT MFG. BY DOW CORNING (795), PECORA (864) OR EQUAL. INSTALL PER MFG. INSTRUCTIONS.

DIVISION 8 – DOORS AND WINDOWS:**A. EXTERIOR/INTERIOR HOLLOW METAL DOORS:**

CECO, REPUBLIC OR FENESTRA HOLLOW METAL DOOR SYSTEMS OR EQUAL. FRAMES SHALL BE 16 GA. PRESSED METAL. ALL WELDED FRAMES, DOORS SHALL HAVE 16 GA. REINFORCING AND 18 GA. FACE SHEETS. DOORS AND FRAMES SHALL BE DRILLED TAPPED AND REINFORCED FOR TEMPLATED HARDWARE. DOORS AND FRAMES SHALL HAVE BAKED ON GALV. PRIMER PER ASTM A 386. TOPS OF DOOR SHALL BE DESIGNED SUCH THAT EDGE REINFORCING WILL NOT HOLD WATER. GLAZING SHALL BE INSULATED GLASS. INSTALL FRAMES PER SDI-105. MASONRY ANCHORS 3 PER JAMB. FIRE/SMOKE DOOR SYSTEMS SHALL BEAR UL LABEL FOR RATING INDICATED ON DOOR SCHEDULE.

B. INTERIOR WOOD DOORS:

FLUSH BIRCH VENEER, SOLID CORE, WOOD DOORS SET IN 16 GA. H.M. FRAMES. DOORS & FRAMES SHALL MATCH DOORS USED ON UPPER FLOOR.

C. ALUMINUM STOREFRONT WINDOW AND DOOR SYSTEMS:

KAWNEER OR EQUAL, STOREFRONT FIXED WINDOWS AND DOOR SYSTEMS. WINDOWS/DOORS SHALL BE INSTALLED IN CONFORMANCE WITH MFG'S INSTRUCTIONS. STOREFRONT WINDOWS, DOORS AND DOOR HARDWARE SYSTEMS SHALL MATCH EXISTING WINDOW EXISTING.

GLASS ON INTERIOR WINDOWS SHALL BE 1/4" INSULATED SAFETY GLASS AND MATCH EXISTING.

D. DOOR HARDWARE FOR HM AND INTERIOR WOOD DOORS:

1. PROVIDE ALL REQUIRED HARDWARE, EVEN IF NOT SHOWN ON SCHEDULE OR SPECIFICATIONS, AS REQUIRED FOR PROPER OPERATION OF DOORS.
2. OWNER SHALL SELECT HARDWARE TYPES AND FINISHES.
3. CARD READER SYSTEM AND HARDWARE REQUIRED FOR CORRIDOR DOORS SHALL MATCH SYSTEM USED UPSTAIRS (CONTACT OWNER). DOORS RECEIVING CARD READERS SHALL ALWAYS BE CAPABLE OF BEING OPENED BY LEVER ON INSIDE AND BY KEY OR CARD READER ON OUTSIDE. ELECTRIC LATCH SYSTEM SHALL FAIL OPEN IN THE EVENT OF POWER LOSS.

E. GLAZING:

SIZE GLASS TO WITHSTAND LOADS IN ACCORDANCE WITH APPLICABLE CODES AS MEASURED IN ACCORDANCE WITH ANSI/ASTM E330. GLASS SHALL BE AS MANUFACTURED BY LIBBY-OWENS, SPECTRUM GLASS PRODUCTS OR EQUAL. HEAT STRENGTHENED OR TEMPERED GLASS LIGHTS AS REQUIRED BY CODE AND AS RECOMMENDED BY MANUFACTURER, COMPLYING WITH ASTM C1048 AND ANSI Z97.1.

INTERIOR CLEAR SAFETY GLASS: 1/4" MIN., ASTM C1048, GLAZING SELECT QUALITY.

DIVISION 9 – FINISHERS:**A. GYPSUM BOARD, WALL AND CEILING:**

5/8" THICK FOR WALLS. MFG. BY U.S.G. OR NATIONAL GYPSUM OR EQUAL. PERFORM WORK IN ACCORDANCE WITH ASTM C 840, GA-201, GA-216 AND GA-600, TYPE X GYP. BD., BOTH SIDES OF WALL AT FIRE BARRIER WALLS, UNLESS NOTED DIFFERENTLY ON PLANS.

B. VINYL (IMITATION WOOD) PLANK TYPE FLOOR TILE:

FLOOR TILE SHALL MATCH FLOOR TILE USED ON UPPER FLOOR. INSTALL IN STRICT CONFORMANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

C. PAINTS:

PITTSBURGH PAINTS, BENJAMIN MOORE OR SHERWIN-WILLIAMS PAINT/COATING SYSTEMS. SELECT SYSTEMS AND INSTALL IN STRICT CONFORMANCE WITH MANUFACTURER'S INSTRUCTION/RECOMMENDATIONS FOR EACH SUBSTRATE. ALL WALLS, FRAMES AND TRIM SHALL BE PAINTED INSIDE WORK AREA.

DIVISION 10 – SPECIALTIES:**A. HANDICAPPED GRAB BARS:**

1 1/2 INCH DIAMETER, STAINLESS STEEL GRAB BARS OF LENGTH INDICATED ON DRAWINGS. GRAB BARS SHALL COMPLY WITH 2010 ADA AND SHALL BE BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S REQUIREMENTS.

B. BATHROOM ACCESSORIES:

ALL BATHROOM ACCESSORIES SHALL BE STAINLESS STEEL AND SHALL MEET THE REQUIREMENTS OF THE AMERICAN WITH DISABILITIES ACT OF 2010. BE INSTALLED IN CONFORMANCE WITH MANUFACTURER'S REQUIREMENTS.

C. METAL LOCKERS:

METAL LOCKERS SHALL BE 12" WIDE X 18" DEEP X 72" HIGH WITH RECESSED HANDLE FOR PAD LOCKING AS MANUFACTURED BY LYON, PARAMOUNT, ULINE, GLOBAL OR EQUAL. LOCKERS SHALL HAVE A LOWER IN BOTTOM OF DOOR FOR VENTILATION AND A SLOPED TOP THAT SHALL SERVE AS A VENT DUCT. CONTRACTOR SHALL CONNECT SLOPED TOP TO EXISTING VENTILATION SYSTEM AS REQUIRED TO VENTILATE EACH LOCKER. 38 LOCKERS REQUIRED. LOCKERS SHALL BE CONSTRUCTED FOR SEVERE DUTY, 16 GAGE GALV. STEEL (MINIMUM), WITH INTERNAL BRACING AS REQUIRED TO MAKE SYSTEMS RIGID. OWNER SHALL SELECT COLORS FROM FULL RANGE OF STANDARD COLORS. LOCKERS SHALL INCLUDE UPPER PERFORATED SHELF WITH ROD BELOW SHELVES, FULL WIDTH, FOR HANGING CLOTHES. OWNER TO APPROVE LOCKER TYPE AND CONFIGURATION PRIOR TO PURCHASE BY CONTRACTOR.

DRAWING 5450

PARTIAL RENOVATION OF LOWER FLOOR
GUNTERSVILLE MUNICIPAL BUILDING
FOR
THE CITY OF GUNTERSVILLE, ALABAMA

Emmett D. Smith and Associates, Architect, P.C. - P.O. Box 171 Gunterville, Ala. 35976 - Phone (205) 531-3749



5450
REVISED
FOR BIDS

DATE: 08/28/17

DESIGNED BY: E.D. SMITH

CHECKED BY: EDS

SCALE: MSS

SHEET NO.

A-GM-11

GENERAL SPECIFICATIONS & NOTES

THE REQUIREMENTS OF THIS DOCUMENT OR SPECIFICATIONS AND BY ANY OTHER MEANS SHALL BE DEEMED TO HAVE BEEN ACCEPTED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.