

Division 1 GENERAL

01 13 PROJECT COORDINATION

- 1. THIS SECTION SHALL NOT BE INTERPRETED TO RELIEVE CONTRACTOR OF HIS SOLE RESPONSIBILITY FOR SUPERVISION AND COORDINATION OF ALL CONSTRUCTION PROCEDURES.
2. PROVISIONS OF THIS SECTION ARE CONSIDERED MINIMAL FOR ORDERLY AND EXPEDITIOUS PROSECUTION OF CONSTRUCTION ACTIVITIES.
3. ORDERING PRODUCTS: BEFORE ORDERING MATERIALS, EQUIPMENT, OR CUSTOM OR STANDARD FABRICATED ITEMS, VERIFY THE FOLLOWING PROVISIONS:
a. EACH ITEM COMPLIES WITH CONTRACT DOCUMENTS.
b. EACH RELATES TO CONSTRUCTION ACTIVITIES ALREADY COMPLETED.
c. SHOP DRAWINGS OR OTHER SUBMITTALS CONFIRM 'A' AND 'B' DIRECTLY ABOVE.
d. ORDERS ARE PLACED AND DELIVERY DATES ARE ESTABLISHED ALLOWING ORDERLY EXECUTION OF CONSTRUCTION ACTIVITIES ON SCHEDULE AND NOT ALLOWING UNTIMELY DELIVERY OF CRITICALLY SENSITIVE PRODUCTS BEFORE PROJECT SITE CONDITIONS ARE SATISFACTORY TO RECEIVE THEM.
e. ALL MATERIALS TO BE NEW AND IN FIRST CLASS CONDITION. ALL MATERIALS TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND IN APPROPRIATE CONDITIONS.
4. CONSTRUCTION ACTIVITIES COORDINATION:
a. INITIATE COORDINATING PROCEDURES AT PROJECT MEETINGS BEFORE WORK IN FIELD BEGINS. RESOLVE SCHEDULING, SEQUENCING, INTERFERENCES, SPECIAL INSPECTIONS, AND PRIORITIES OF CONCOMITANT SIMULTANEOUS CONSTRUCTION ACTIVITIES AMONG INTERESTED ENTITIES TO ACHIEVE SPECIFIED RESULTS, AND TO ADVANCE PLANNED PROGRESS OF PROJECT.
b. CONTINUE COORDINATING PROCEDURES BY ACTIVELY CONTROLLING PROJECT CONDITIONS AS FOLLOWS:
I. VERIFY PRODUCTS OF SECTIONS ARE STORED IN ORDERLY FASHION UNDER CONDITIONS COMPLYING WITH MANUFACTURER'S INSTRUCTIONS OR SPECIFIC REQUIREMENTS OF RELEVANT SPECIFICATION SECTION WHICHEVER REQUIREMENT IS MORE STRINGENT AT PLANNED LOCATIONS.
II. VERIFY COMPLIANCE OF ENVIRONMENTAL CONDITIONS BEFORE, DURING, AND AFTER EXECUTION OF CONSTRUCTION ACTIVITIES, WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFIC REQUIREMENTS OF RELEVANT SECTIONS OF THESE SPECIFICATIONS.
c. THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OR THE SEQUENCE OF CONSTRUCTION THE CONTRACTOR WILL SUPERVISE AND DIRECT ALL WORK AND WILL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, PROCEDURES, TECHNIQUES, SEQUENCES, TEMPORARY BRACING, AND SAFETY.
5. INSPECTION AND INSTALLATION:
a. ADDITIONAL WORK DUE TO PRE-EXISTING CONDITIONS NOTED WILL NOT BE PAID AS EXTRA.
b. PROVIDE SUBSTRATES SOUND, CLEAN, DRY, AND FREE OF IMPERFECTIONS OR CONDITIONS DETRIMENTAL TO RECEPTION OF APPLIED MATERIALS. CORRECT UNACCEPTABLE CONDITIONS PRIOR TO PROCEEDING WITH CONSTRUCTION ACTIVITIES.
c. ALIGN MATERIAL TO GIVE SMOOTH, UNIFORM SURFACE PLANES WITHIN SPECIFIED TOLERANCES AND STRAIGHT, PLUMB SURFACES.
d. PROVIDE FINISHED SURFACES CLEAN, UNIFORM, AND FREE OF DAMAGE, SOILING, OR DEFECTS IN MATERIAL AND FINISH.
e. FINISHED SURFACES: MATCH COLOR AND TEXTURE OF SAMPLES PROVIDED BY OR APPROVED BY ARCHITECT.
f. PROTECTION:
I. PROTECT FINISHED SURFACES FROM DAMAGE AND SOILING DURING APPLICATION, DRYING, OR CURING.
6. THE CONTRACTOR IS TO FAMILIARIZE HIMSELF WITH THE COMPLETE SET OF DOCUMENTS AND THE SITE PRIOR TO CONSTRUCTION.
7. IF DISCREPANCIES, OMISSIONS, OR ERRORS ARE FOUND IN THE DRAWINGS, THE CONTRACTOR WILL NOTIFY THE ARCHITECT IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING WITH CONSTRUCTION.
8. ALL WORKMANSHIP IS TO BE DONE BY SKILLED CRAFTSMEN TRAINED AND SKILLED IN THEIR TRADES. ALL SUBCONTRACTORS TO HAVE AT LEAST 5 YEARS OF PROVEN EXPERIENCE IN THEIR TRADES. ALL WORK TO BE DONE IN A FIRST CLASS MANNER.
9. CLEANUP:
a. JOB SITE TO BE KEPT IN A CLEAN MANNER AT ALL TIMES.
b. REMOVE ALL DEBRIS AND TRASH AND DISPOSE OF IN A LEGAL MANNER.
c. REMOVE DUST, PAINT SPLATTER, CLEAN GLASS SURFACES, CABINETS, COUNTER TOPS, VACUUM CARPETS, BATH HARD FLOORS, CLEAN LIGHT LENSES, AND CLEAN PLUMBING FIXTURES SO THAT FACILITY IS "LIKE NEW CONDITION".
10. PRODUCTS SPECIFIED HERE WITHIN ARE TO BE PROVIDED AS SPECIFIED, ANY AND ALL SUBSTITUTION REQUESTS ARE TO BE SUBMITTED FOR APPROVAL PRIOR TO THE BID SUBMITTAL.

LIST OF SHOP DRAWINGS REQUIRED:

- 1. CONCRETE.
2. VAPOR RETARDER.
3. WOOD FRAMING, SHEATHING AND TRUSSES.
4. GYPSUM BOARD ASSEMBLIES.
5. WINDOW FRAME SYSTEMS AND GLASS.
6. DOORS AND FRAMES.
7. EIFS.
8. FIRE-CAST AND ARCHITECTURAL STONE VENEER.
9. BRICK AND ANCHORING SYSTEMS.
10. TRESPA.
11. CEMENT FIBER WOOD TRIM.
12. SEALANTS.
13. PAINTS AND COATINGS.
14. ROOFING, METAL COPING, AND ROOF INSULATION.
15. WALL INSULATION.
16. DRIVE THROUGH WINDOW.
17. FABRIC AWNINGS.
18. CANOPIES.
19. ELECTRICAL SYSTEMS AND LIGHT FIXTURES.
20. ROOF DRAINS.
21. MECHANICAL UNITS AND CURBS.
22. REFER TO MEP DRAWINGS FOR OTHER SD REQUIREMENTS.

Division 3 CONCRETE

- 1. REFER TO STRUCTURAL DRAWINGS FOR COMPLETE CONCRETE SPECIFICATIONS.
2. SLAB AND FOUR BACK AREA TO HAVE CONTINUOUSLY APPLIED VAPOR RETARDER WITH SEAMS TAPPED, PROVIDE MANUFACTURERS MOISTURE TEST OF SLAB.
3. AT FOUR BACK AREAS PROVIDE RE-BAR PER STRUCTURAL SPECIFICATIONS.
4. IN CONDITIONS OF POURING A NEW SLAB IN A FOUR-BACK AREA FOLLOW DIRECTIONS FOR TRENCHING.
5. USE SFG GO GREEN, VAPOR LOCK, AND ADDITIVES.
6. CONCRETE FINISH TO BE FLOOR TROWEL SMOOTH.
7. SUBMIT SHOP DRAWINGS FOR CONCRETE AND ADDITIVES.

Division 6 WOOD AND PLASTICS

06 01 ROUGH CARPENTRY

- 1. INDUSTRY STANDARDS:
IBC: INTERNATIONAL BUILDING CODE, IBC EDITION AND SUPPLEMENTS ADOPTED IN STATE WHERE PROJECT IS LOCATED OR MUNICIPALITY WHERE PROJECT IS LOCATED WITH THEIR RESPECTIVE ADOPTED AMENDMENTS.
2. FIRE RETARDANT TREATED MATERIALS:
a. AMERICAN WOOD PROTECTION ASSOCIATION (AWPA): BOOK OF STANDARDS II, 2013 AMENDED STANDARDS.
b. NFPA 103: STANDARD FOR FIRE RETARDANT WOOD AND FIRE RETARDANT COATINGS FOR BUILDING MATERIALS, 2012 EDITION.
3. MATERIALS:
a. MOISTURE CONTENT, LUMBER: KD19, EXCEPT AS OTHERWISE INDICATED.
b. LUMBER:
I. LIGHT FRAMING, 2 TO 4 NOMINAL THICKNESS, 2 TO 6 NOMINAL WIDE: GENERAL FRAMING: WUPA, STAND 4 BTR GRADE;
1) SPlB, STUD GRADE
2) PLATES, BLOCKING, BRACING, AND NAILERS: WUPA, STAND 4 BTR GRADE; SPlB, STUD GRADE
3) GENERAL UTILITY PURPOSES: WUPA, STAND 4 BTR GRADE; SPlB, STUD GRADE
4) LUMBER FOR FIRE RETARDANT OR PRESERVATIVE TREATMENT: SPlB NO. 2 NONDENSE GRADE, SOUTHERN PINE OR WUPA NO. 2 GRADE, MINIMUM.
II. INSTALLATION:
a. ACCURATELY CUT AND FIT ITEMS WITH CLOSE JOINTS, TO FLANE AND ALIGNMENT.
b. RIGIDLY SECURE MEMBERS, FREE OF WARP OR WIND TO MAINTAIN ALIGNMENT AND TO RESIST DESIGN LOADS.
c. INSTALL BLOCK INDICATED AND REQUIRED. SECURE BLOCKING FIRMLY WITH ANCHORS AT NOT MORE THAN 2'-0" O.C.
4. BLOCKING:
a. COORDINATE BLOCKING WITH LOCATIONS OF FINISHING MATERIALS, FIXTURES, SPECIALTY ITEMS AND TRIM.

06 20 00 FINISH CARPENTRY

- 1. NOT ANTICIPATED

Division 7 WATERPROOFING

07 24 00 EIFS SYSTEM

- 1. EIFS DRAINABLE SYSTEM TO BE STO CORP., STOTHEM C.I. CLASSIC, DRAINABLE, FULLY ADHERED SYSTEM DRAINAGE SYSTEM WITH 12 YEAR WARRANTY.
2. STO DECORATIVE AND PROTECTIVE FINISH, OVER STO BABECOAT EMBEDDED IN MESH, OVER STO REINFORCING MESH, OVER STO EIFS INSULATION BOARD, OVER VERTICAL ADHESIVE RIBBONS, OVER STO GOLD COAT WATERPROOF AIR BARRIER OVER WALL ASSEMBLY.

07 54 23 THERMOPLASTIC-POLYOLEFIN ROOFING & COPING

- 1. FIRESTONE ROOF SYSTEM WITH 20 YEAR WARRANTY, WHITE, TPO, @20 MIL, FULLY ADHERED SINGLE PLY ROOF, OVER MEMBRANE PROTECTION BOARD, OVER LITR-30 POLY-ISO ROOF INSULATION.
2. ANSI-SFPI E6-1 PRE-FINISHED METAL COPING SYSTEM.
3. ROOFING AND COPING SYSTEMS TO BE PROVIDED BY ROOFING CONTRACTOR FOR A SINGLE SOURCE WARRANTY.

07 65 13 CAVITY WALL FLASHING

- 1. FLEXIBLE FLASHING AROUND OPENINGS TO BE VYKOR PLUS BY W.R. GRACE.
2. THROUGH WALL FLASHING TO BE CAYCLEAR STAINLESS STEEL FLASHING.

Division 8 DOORS AND WINDOWS

08 11 00 METAL DOORS AND FRAMES

- 1. SUBMITTALS:
a. PRODUCT DATA:
I. MANUFACTURER'S STANDARD PRODUCT DATA.
b. SHOP DRAWINGS:
I. INDICATE DOOR AND FRAME ELEVATION SECTIONS, MATERIALS, GAUGES, FINISHES, FABRICATION AND INSTALLATION DETAILS, LOCATION OF DOOR HARDWARE BY DIMENSION, AND DETAILS OF OPENINGS AND LOWERS. SAME REFERENCE NUMBERS INDICATED ON DRAWINGS FOR DETAIL AND OPENINGS.
II. DOOR SCHEDULE: FURNISH COMPLETE USING SAME REFERENCE NUMBERS INDICATED ON DRAWINGS FOR DETAILS AND OPENINGS. INCLUDE ALL DRAWING NUMBERED OPENINGS.
III. INDICATE OPENINGS NOT PART OF THIS SECTION AS 'BY OTHERS'.
IV. FINISHES, TYPES AND LOCATIONS.
V. LITE SIZES AND LOCATION.
VI. LITE SIZES AND LOCATION.
VII. MANUFACTURER'S MANUFACTURERS:
I. CORTECA DOOR & ASSA ABLOY.
II. HARRIS COMPANY.
III. REPUBLIC BUILDERS PRODUCTS CORP.
IV. STEEL CRAFT.
3. FRAME CONSTRUCTION:
a. ROLL FORMED OR PRESSED STEEL FRAMES FOR DOORS, SIDELIGHTS, TUBULAR MULLIONS AND BORROWED LIGHTS, AND OTHER INDICATED OPENINGS.
b. GAUGE: 16 GAUGE.
c. STOPS: 5/8" DEEP MINIMUM.
d. LABELS: ATTACHED LABEL FOR LABELED OPENINGS.
4. FRAME ANCHORS:
a. WALL ANCHORS FOR FRAME ATTACHMENT TO EXTERIOR PARTITIONS:
I. MANUFACTURER'S STANDARD ADJUSTABLE METAL STUD TYPE; 19 GAUGE, MINIMUM.
II. ANCHORS AT 2'-0" O.C. +, MAXIMUM, EACH JAMB.
III. UL TYPE ANCHORS FOR FIRE-RATED FRAMES IF APPLICABLE.
b. FLOOR ANCHORS: CLIP TYPE TO RECEIVE TWO FASTENERS PER CLIP; 19 GAUGE STEEL, MINIMUM; USE ADDITIONAL JAMB ANCHOR WHERE FLOOR ANCHOR CAN NOT BE USED.
5. SHOP FINISHING: APPLY PRIMER IN SHOP.
6. TOLERANCES:
a. FRAMES:
I. OVERALL DIMENSIONS: +/- 3/64" IN OPENING HEIGHT, +/- 1/32" IN OPENING WIDTH.
II. THROAT OPENING: +/- 1/16"
III. FRAME DEPTH: +/- 1/32"

08 31 14 ALUMINUM FRAMED ENTRANCES AND STOREFRONTS

- 1. BASIS OF DESIGN: KAINEER COMPANY, INC.-TRI-FAB VG 491T.
2. REFER TO DRAWINGS FOR PROFILES AND DIMENSIONS.
3. REFER TO DRAWINGS FOR GLASS SPECIFICATION.

Division 9 FINISHES

09 21 16 GYPSUM BOARD SYSTEMS

- 1. PROVIDE LIGHT GAUGE STEEL FRAMING MEMBERS, RUNNERS, TRACKS, FURRING, ACCESSORIES, ATTACHMENTS, GYPSUM BOARD, JOINT TAPE AND COMPOUND.
2. FOR NON-LOAD BEARING WALLS USE 25 GAUGE METAL STUDS, FLOOR AND CEILING RUNNERS. TYPICAL WALL STUDS SPACED AT 24" O.C. WALLS ACCEPTING TILE TO BE 20 GAUGE STUDS AT 16" O.C.
3. AT OPENINGS, WINDOWS, DOORS, ETC., USE DOUBLE 20 GAUGE STUDS.
4. FRAME DOOR OPENINGS PER GA-219.
5. AT FILL HEIGHT WALLS TO ROOF DECK USE BLOTTED DEFLECTION TRACK EQUAL TO CLARK DIETRICH BUILDING SYSTEMS, MAX TRACK.
6. FOLLOW GUIDELINES FROM LATEST EDITION OF THE GYPSUM CONSTRUCTION HANDBOOK.
7. INSTALL VERTICAL STUDS PLUMB NOT VARYING MORE THAN 1/8" WITHIN 10'.
8. ANCHOR FLOOR TRACKS AT 24" O.C. AND AT ALL CORNERS AND EDGES OF OPENINGS.
9. TOP OF WALLS NOT TERMINATING AT STRUCTURE TO BE BRACED AT 48" O.C. TO STRUCTURE ABOVE.
10. DO NOT BRIDGE WALLS OVER EXPANSION JOINTS.
11. EXTERIOR WALLS TO USE MOLD RESISTANT GYPSUM BOARD.
12. TOILET AND BATH ROOMS TO USE MOISTURE RESISTANT GYPSUM BOARD.
13. USE FIRE RETARDANT STANDARD WEIGHT, ASTM C1396; TYPE 'X', 5/8" THICKNESS. INSTALL GYPSUM BOARD PANELS VERTICALLY AND OFF SET JOINTS FROM ONE WALL TO THE OTHER. AT FIRE RATED PARTITIONS IDENTIFY WITH 4" HIGH STENCILED LETTERS FIRE RATED PARTITION - X HOUR WALL; AT 10' O.C. ABOVE CEILING. AT 10' O.C. ABOVE CEILING. SEISMIC EDGE MOLDINGS AND COMPRESSION STRIPS.
14. USE DRYWALL SCREWS AT 12" O.C. IN THE FIELD AND 8" O.C. ALONG THE EDGES.
15. SUSPENDED GYPSUM BOARD FURRING SYSTEM STANDARD QUALITY, E.G., DRYWALL SUSPENSION SYSTEM STRUCTURAL CLASSIFICATION: A915C35. HEADLINE QUALITY SEISMIC EDGE MOLDINGS AND COMPRESSION STRIPS.
16. APPLY JOINT COMPOUND TO JOINTS, SCREWS, CORNER ANGLES, AND FINISH SANDING SMOOTH WITHOUT DEFECTS OR RAISED AREAS TO ACHIEVE UNIFORM LOOK FOR PAINTING.
17. SUBMIT SHOP DRAWINGS FOR GYPSUM BOARD ASSEMBLY SYSTEMS.

09 31 00 PAINTING

- 1. PRODUCT DATA:
a. COMPLETE LIST OF PRODUCTS FOR USE AND DATE COMPLIANCE WITH:
I. MERCURY FREE COMPOSITION REQUIREMENTS.
II. VOC LIMITS WHEN MIXED AND THINNING.
III. DATE LABEL CONTENT.
2. SAMPLES:
a. COLOR SAMPLES: FURNISH SAMPLES FOR COLOR VERIFICATION OF INDICATED COLORS.
b. QUALIFICATION:
I. LICENSED PAINTING CONTRACTOR IN STATE OF GEORGIA NOT LESS THAN THREE YEARS PRIOR TO DATE OF CONSTRUCTION DOCUMENTS.
II. COMPLETED FIVE PROJECTS, MINIMUM, OF COMPARABLE MAGNITUDE IN LAST THREE YEARS.
3. SITE CONDITIONS:
a. ENVIRONMENTAL REQUIREMENTS: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS REGARDING ENVIRONMENTAL CONDITIONS FOR MATERIALS APPLICATION.
b. EXAMINATION:
I. VERIFICATION OF CONDITIONS: VERIFY GYPSUM BOARD SURFACES HAVE BEEN FINISHED IN ACCORD WITH LEVEL 4 REQUIREMENTS SPECIFIED IN GYPSUM BOARD ASSEMBLY SECTION FOR FINISH LEVEL INDICATED.
4. PREPARATION:
a. PROTECTION:
I. APPLYING MATERIALS IN SPACES WHERE DUST IS BEING GENERATED IS PROHIBITED.
II. VERIFY SURFACES TO RECEIVE FINISHES ARE DRY, FREE OF DEBRIS, DUST, OR OTHER DELETERIOUS MATERIALS.
III. REMOVE HARDWARE, ACCESSORIES, DEVICE PLATES, LIGHTING FIXTURES, FACTORY FINISHED WORK AND SIMILAR ITEMS OR PROVIDE PROTECTIVE COVERING AND MASKING OVER ITEMS PRIOR TO SURFACE PREPARATION AND PAINTING WORK. STORE ITEMS REMOVED FOR REINSTALLATION AFTER COMPLETION OF PAINTING.
5. LUMBER, FLYWOOD, AND VENEERED SURFACES:
a. APPLY SHELLAC, MAXIMUM FOUR LB. CUT, TO KNOTS, PITCH, AND RESINOUS SAPWOOD PRIOR TO APPLICATION OF FIRST PAINT COAT. SEAL FOR STAIN COAT IN ACCORD WITH STAIN MANUFACTURER'S RECOMMENDATIONS.
b. PAINTED SURFACES: FILL NAIL HOLES, CRACKS, JOINTS, AND DEFECTS WITH SPACKLING COMPOUND. APPLY AFTER FIRST PAINT COAT.
c. TRANSPARENT FINISH SURFACES: FILL NAIL HOLES, CRACKS, AND DEFECTS WITH WOULD FILLER MATCHING FINISH COLOR.
6. GYPSUM BOARD: FILL NARROW, SHALLOW CRACKS AND SMALL HOLES WITH PATCHING PLASTER OR NON-SHRINKING SPACKLING COMPOUND. ALLOW TO DRY; SAND SMOOTH WITHOUT RAISING GYPSUM BOARD PAPER NAP.
7. SHOP PRIMED METALS, FERROUS, GALVANIZED, AND NON-FERROUS:
a. TOUCH-UP SHOP PRIMER WITH SAME OR COMPATIBLE PRIMER TO PIN HOLE FREE SURFACE.
b. COATING APPLICATION:
I. GENERAL:
1) IN ACCORD WITH MANUFACTURER'S APPROVED PRODUCT DATA TO ACHIEVE SPECIFIED DFT.
2) USING CLEAN BRUSHES, ROLLERS, OR SPRAY EQUIPMENT. LIMIT PAINT SPRAYING ONLY TO THOSE MATERIALS RECOMMENDED BY MANUFACTURER TO BE SPRAYED WITH NO LOSS OF PERFORMANCE, DURABILITY, OR COLOR.
II. COMPLY WITH MANUFACTURER'S PRODUCT DATA FOR DRYING TIME BETWEEN COATS.
III. SAND AND DUST BETWEEN COATS TO REMOVE DEFECTS VISIBLE FROM 5'-0" DISTANCE.
IV. FINISH COATS: SMOOTH, FREE OF BRUSH MARKS, STREAKS, LAPS OR PILE-UP OF PAINT, SKIPS, OR MISSED AREAS.
V. MAKE COATING EDGES ADJOINING OTHER MATERIALS OR COLORS SHARP AND CLEAN WITHOUT OVERLAPPING.
b. METALS: FERROUS AND NON-FERROUS:
I. PRIMER: PPG NO. 90-12 PITT TECH DTM ACRYLIC METAL & GALVANIZED PRIMER; 123 G/L VOC. TO PIN HOLE FREE; 2.0-3.0 MILS DFT.
II. ACRYLIC, SEMI-GLOSS; (ZERO VOC); TWO FINISH COATS, EACH COAT: PPG 6-4510X1 SERIES SPEEDWIDE ZERO INTERIOR LATEX SEMI-GLOSS; @ G/LVOC; 1.3 MILS DFT.



Table with columns for ISSUE RECORD (date, issue) and DRAWING REVISION (no., date, revision).

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SPECS

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