

F. ALUMINUM-FRAMED ENTRANCES & STOREFRONTS:

1. GENERAL: INSTALL G.C. SUPPLIED EXTRUDED ALUMINUM ENTRANCE SYSTEM WITH DOORS, FRAMES, HARDWARE, AND ACCESSORIES AS REQUIRED FOR COMPLETE WEATHERIGHT INSTALLATION.
2. STANDARDS: COMPLY WITH ARCHITECTURAL ALUMINUM MANUFACTURERS ASSOCIATION (AAMA) "ALUMINUM STORE FRONT AND ENTRANCE MANUAL," CODES AND REGULATIONS: COMPLY WITH APPLICABLE CODES AND REGULATIONS.
3. SUBMITTALS: NOT REQUIRED.
4. INSTALLATION: HAZARDOUS WORK.
5. MANUFACTURER: GOLD CASTLE
6. STOREFRONT: EXTRUDED ALUMINUM ENTRANCE SYSTEM AS INDICATED ON DRAWINGS.
- a. ALUMINUM TYPE: AS RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED, BUT NOT LESS THAN EXTRUDED ALUMINUM, ASTM B221, 6061 OR 6063
7. FINISH: MEDIUM BRONZE ANODIZED, #710.
8. GLAZING: ASTM C1048, PROVIDE FULLY TEMPERED SELECT GLAZING QUALITY CLEAR FLOAT GLASS; NOMINAL 1/2" SAFETY GLASS UNLESS OTHERWISE INDICATED.
- a. APPLIED GLAZING FILM: SUPPLY & APPLY 3M FILM ON ALUMINUM FRAMED STOREFRONT GLASS WHERE INDICATED ON DRAWINGS.
9. GLAZING ACCESSORIES OF TYPE RECOMMENDED BY MANUFACTURER TO SUIT SECURITY LOCATIONS AND APPLICATIONS FOR DRY GLAZING INSTALLATION.
11. MISCELLANEOUS MATERIALS:
 - a. STEEL REINFORCEMENT AND BRACKETS: MANUFACTURER'S STANDARD WITH MINIMUM 4x4x1/4 SCHEDULE 40, AS APPLIED AFTER FABRICATION.
 - b. BITUMINOUS PAINT: COLD-APPLIED MASTIC, SSPC PAINT 12, COMPOUNDED FOR 30 MIL THICKNESS PER COAT.
 - c. FLASHING: INSTALL SUB-SILL FLASHING MEMBERS; MINIMUM 22 GAGE SHEET ALUMINUM OF SIZES AND SHAPES INDICATED AND AS REQUIRED TO DRAIN WATER TO EXTERIOR WITH ADJACENT ALUMINUM MEMBER FINISH.
 - d. ANCHORING DEVICES: CORROSION RESISTANT TYPE CAPABLE OF SUPPORTING ENTRANCE SYSTEM AND SUPERIMPOSED DESIGN LOADS; DESIGN TO ALLOW ADJUSTMENTS OF SYSTEM PRIOR TO BEING PERMANENTLY FASTENED IN PLACE.
12. FABRICATION:
 - a. SECURELY FIT TOGETHER JOINTS AND CORNERS; MATCH COMPONENTS ENSURING CONTINUITY OF LINE AND DESIGN; ENSURE JOINTS AND CONNECTIONS ARE FLUSH, 1/64th INCH MAX. AND WEATHERPROOF; NO CAULK AT ANY JOINTS OR CONNECTIONS, NO EXCEPTIONS!
 - b. SEPARATE DISSIPAR MATERIALS WITH BITUMINOUS PAINT OR PREFORMED SEPARATORS WHICH WILL PREVENT CORROSION.
 13. INSTALLATION: INSTALL ALUMINUM FRAMED STOREFRONT ASSEMBLIES, INCLUDING ENTRANCES, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND TO MEET DESIGN REQUIREMENTS INDICATED, FOR WEATHERIGHT INSTALLATION.
 - a. ENSURE ASSEMBLIES ARE FLUSH, LEVEL AND FREE OF WARP OR TWIST; MAINTAIN DIMENSIONAL TOLERANCES AND ALIGNMENT WITH ADJACENT WORK.
 - b. USE SUFFICIENT ANCHORAGE DEVICES TO SECURELY AND RIGIDLY FASTEN ASSEMBLIES TO BUILDING.
 - c. INSTALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, USING PROPER TEMPLATES; COORDINATE INSTALLATION OF CYLINDERS WITH SECTION 0710.
 - d. INSTALL SILL MEMBERS AND THRESHOLDS IN BED OF COMPOUND, JOINT FILLERS OR GASKETS TO PROVIDE WEATHERIGHT CONSTRUCTION.
 - e. GLASS INSTALLATION: COMPLY WITH GANA GLAZING MANUAL AND GLAZING MANUFACTURER INSTRUCTIONS. DO NOT ALLOW GLASS TO TOUCH METAL SURFACES.

DIVISION 9 - FINISHES

1. GYPSUM DRYWALL:
 - a. FURNISH AND INSTALL ALL GYPSUM DRYWALL AND SYSTEMS COMPLETE WITH PARTITION FRAMING, CEILING SUSPENSION SYSTEMS AND RELATED ACCESSORIES, PARTS, MATERIALS, ETC. AS SHOWN ON DRAWINGS AND AS SPECIFIED. INSTALL ALL MATERIALS PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
 2. GYPSUM DRYWALL: U.S. GYPSUM 5/8" THICK FIRE CODE SHEETROCK (TYPE 'X') PANELS OF STANDARD QUALITY. GENERAL CONTRACTOR MAY USE NON-RATED 5/8" THICK BOARD IN AREAS OF STORAGE WHERE APPROVED BY STATE AND LOCAL CODES. ALWAYS USE TYPE 'X' ON TENANT SEPARATION WALLS.
 3. FASTENERS: DRYWALL SCREWS OF PROPER SIZE AND TYPE, PER MANUFACTURER'S RECOMMENDATIONS.
 4. METAL ACCESSORIES: U.S. GYPSUM OR GOLD BOND SYSTEM OF COMPONENTS AND JOINT TAPE.
 5. JOINT TREATMENT: U.S. GYPSUM OR GOLD BOND SYSTEM OF COMPONENTS AND JOINT TAPE.
2. CERAMIC TILE:
 1. CERAMIC TILE AS SPECIFIED IN FINISH SCHEDULE AND RESPONSIBILITY SCHEDULE. (IF APPLICABLE).
 2. INSTALL CERAMIC TILE USING RECOMMENDED METHODS OF THE TILE CONTRACTORS ASSOCIATION OF AMERICA AND THE TILE COUNCIL OF AMERICA, INC.
 3. INSTALL CERAMIC TILE USING GROUT AND JOINT SPACING SPECIFIED IN FINISH SCHEDULE.
 4. ADHESIVE IS TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR (PER MANUFACTURER'S SPECIFICATIONS).
 5. CAREFULLY CLEAN ALL WORK AND REPLACE OR REPOINT ANY DAMAGED WORK AND LEAVE IN PERFECT CONDITION. USE NO ACID, AGENT OR DEVICE THAT WILL MAR SURFACE. CONSULT WITH OWNER'S CONSTRUCTION MANAGER FOR INSTRUCTIONS (DO NOT POLISH CERAMIC TILE).
 6. CERAMIC TILES ARE TO BE SET WITHOUT TRIPPING HAZARD TO CUSTOMERS OR STAFF.
 7. THE GENERAL CONTRACTOR IS RESPONSIBLE TO CORRECT RAISED CERAMIC TILES FOR THE ENTIRE DURATION OF THE WARRANTY PERIOD AT THE DIRECTION OF THE OWNER'S CONSTRUCTION MANAGER.
3. CEILING SYSTEMS:
 1. FURNISH AND INSTALL CEILING SYSTEM COMPLETE WITH SUSPENSION SYSTEM AND RELATED ACCESSORIES AS SHOWN ON DRAWINGS AND AS SPECIFIED.
 2. SUSPENSION SYSTEMS SHOULD BE ADEQUATE TO SUPPORT LIGHT FIXTURES, CEILING GRILLES, DIFFUSERS AND OTHER NORMAL ACCESSORIES. PROVIDE SYSTEM COMPONENTS FROM A SINGLE MANUFACTURER.
 3. INSTALL CEILING AND SUSPENSION SYSTEMS IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. FINISH SHALL BE LEVEL, WITH JOINTS FLUSH AND SQUARE, AND TIES AND PANELS IN PERFECT CONDITION.
 4. MATERIALS AND FINISHES:
 - a. REFER TO DRAWINGS FOR LOCATION OF SPECIFIED MATERIALS AND FINISHES WHEN APPLICABLE.
 - b. NON-SALES CEILING: AS SCHEDULED OR EQUAL CLASS 'A' RATING.
 - c. WHEN A ONE-HOUR FIRE RATED CEILING ASSEMBLY IS REQUIRED BY LANDLORD, STATE OR LOCAL CODES, THEN GENERAL CONTRACTOR IS TO CONFORM WITH UNDERWRITER'S LABORATORIES DESIGN FOR A ONE-HOUR RATED ASSEMBLY AS SCHEDULED.
 - d. G.C. TO PROVIDE ONE BOX OF THE SPECIFIED CEILING TILES OF WHITE TOILET URINE USE.
4. VINYL PLANK FLOORING:
 1. GENERAL: G.C. TO INSTALL OWNER SUPPLIED VINYL STRIP FLOORING TOGETHER WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
 2. PROJECT CONDITIONS: PRIOR TO INSTALLATION OF ANY FLOORING, GC MUST ENSURE THAT THE JOBSITE AND SUB-FLOOR MEET THE REQUIREMENTS OF THE FOLLOWING INSTRUCTION:
 - a. G.C. TO PERFORM MOISTURE TEST ON ALL CONCRETE FLOORS AS DIRECTED BY NFWA AND INSTALL BOSTIK MVP4 VAPOR BARRIER. MOISTURE CONTENT OF WOOD SUB-FLOOR MUST NOT EXCEED 12% AND CONCRETE MOISTURE CONTENT MUST NOT EXCEED 3lbs. b. G.C. TO PROVIDE MOISTURE TEST REPORT TO CONSTRUCTION MANAGER IMMEDIATELY AFTER DEMOLITION AND/OR WEEK PRIOR TO FLOOR INSTALLATION. REPORT TO BE PROVIDED TO MANUFACTURER. FLOOR FAILURE ATTRIBUTED TO MOISTURE WILL BE THE RESPONSIBILITY OF THE G.C. TO REPLACE (LABOR AND MATERIAL).
 - c. ALL WORK INVOLVING WATER OR MOISTURE SHOULD BE COMPLETED BEFORE FLOOR INSTALLATION.
 - d. ROOM TEMPERATURE AND HUMIDITY OF INSTALLATION AREA SHOULD BE CONSISTENT WITH NORMAL, YEAR-ROUND LIVING CONDITIONS FOR AT LEAST A WEEK BEFORE INSTALLATION. ROOM TEMPERATURE OF 60 TO 70 DEGREE F AND HUMIDITY RANGE OF 40 TO 60% IS RECOMMENDED.
 - e. G.C. TO STORE FLOORING TO BE INSTALLED ON SITE FOR 72 HOURS BEFORE INSTALLATION TO ALLOW FLOORING TO ADJUST TO ROOM TEMPERATURE AND HUMIDITY. DO NOT STORE DIRECTLY ON CONCRETE OR NEAR OUTSIDE WALLS. THIS FLOORING MAY NOT BE ACCEPTABLE FOR FULL BATHROOM INSTALLATIONS BECAUSE OF MOISTURE ASSOCIATED WITH SUCH LOCATIONS.
 - f. COMMENCEMENT OF WORK IS ACCEPTANCE OF CONDITIONS.
 3. ADHESIVE: AS RECOMMENDED BY MANUFACTURER TO ENSURE MAXIMUM DURABILITY OVER TIME; NONTOXIC, WATERPROOF TYPE SUITABLE FOR FLOORING, SUBSTRATE, AND ACCEPTABLE TO APPLICABLE AUTHORITIES.
 4. MOISTURE VAPOR PROTECTION: BOSTIK MVP4 MOISTURE BARRIER OR AS RECOMMENDED BY MANUFACTURER, ONE-PART, TROWEL APPLIED, ELASTOMERIC, MOISTURE CURE URETHANE MEMBRANE. APPLY WITH 3/16" X 5/32" V-NOTCH TROWEL IS RECOMMENDED.

5. WOOD STRIP FLOORING:
 1. GENERAL: PROVIDE SHOP FINISHED PRE-ENGINEERED WOOD STRIP FLOORING SYSTEM WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
 2. SUBMITTALS: FURNISH MANUFACTURER'S LITERATURE AND SAMPLES OF WOOD FLOORING AND EXPOSED ACCESSORIES, INCLUDING FINISH.
 3. PROJECT CONDITIONS: PRIOR TO INSTALLATION OF ANY FLOORING, GC MUST ENSURE THAT THE JOBSITE AND SUB-FLOOR MEET THE REQUIREMENTS OF THE FOLLOWING INSTRUCTION:
 - a. G.C. TO PERFORM MOISTURE TEST ON ALL CONCRETE FLOORS AS DIRECTED BY NFWA AND INSTALL BOSTIK MVP4 VAPOR BARRIER. MOISTURE CONTENT OF WOOD SUB-FLOOR MUST NOT EXCEED 12% AND CONCRETE MOISTURE CONTENT MUST NOT EXCEED 3lbs. b. G.C. TO PROVIDE MOISTURE TEST REPORT TO CONSTRUCTION MANAGER IMMEDIATELY AFTER DEMOLITION AND/OR WEEK PRIOR TO FLOOR INSTALLATION. REPORT TO BE PROVIDED TO MANUFACTURER. FLOOR FAILURE ATTRIBUTED TO MOISTURE, IT WILL BE THE RESPONSIBILITY OF THE G.C. TO REPLACE (LABOR AND MATERIAL).
 - c. ALL WORK INVOLVING WATER OR MOISTURE SHOULD BE COMPLETED BEFORE FLOOR INSTALLATION.
 - d. ROOM TEMPERATURE AND HUMIDITY OF INSTALLATION AREA SHOULD BE CONSISTENT WITH NORMAL, YEAR-ROUND LIVING CONDITIONS FOR AT LEAST A WEEK BEFORE INSTALLATION. ROOM TEMPERATURE OF 60 TO 70 DEGREE F AND HUMIDITY RANGE OF 40 TO 60% IS RECOMMENDED.
 - e. G.C. TO STORE FLOORING TO BE INSTALLED ON SITE FOR 72 HOURS BEFORE INSTALLATION TO ALLOW FLOORING TO ADJUST TO ROOM TEMPERATURE AND HUMIDITY. DO NOT STORE DIRECTLY ON CONCRETE OR NEAR OUTSIDE WALLS. THIS FLOORING MAY NOT BE ACCEPTABLE FOR FULL BATHROOM INSTALLATIONS BECAUSE OF MOISTURE ASSOCIATED WITH SUCH LOCATIONS.
 - f. COMMENCEMENT OF WORK IS ACCEPTANCE OF CONDITIONS.
 4. MANUFACTURER: REFER TO FINISH SCHEDULE.
 5. WOOD: AS INDICATED ON DRAWINGS, TONGUE AND GROOVED EDGES WITH SHOP APPLIED ACRYLIC IMPREGNATED FINISH INTENDED FOR DIRECT ADHESIVE APPLICATION TO CONCRETE.
 6. ADHESIVE: AS RECOMMENDED BY MANUFACTURER TO ENSURE MAXIMUM DURABILITY OVER TIME; NONTOXIC, WATERPROOF TYPE SUITABLE FOR FLOORING, SUBSTRATE, AND ACCEPTABLE TO APPLICABLE AUTHORITIES.
 7. MOISTURE VAPOR PROTECTION: BOSTIK MVP4 MOISTURE BARRIER OR AS RECOMMENDED BY MANUFACTURER, ONE-PART, TROWEL APPLIED, ELASTOMERIC, MOISTURE CURE URETHANE MEMBRANE. APPLY WITH 3/16" X 5/32" V-NOTCH TROWEL IS RECOMMENDED.
 8. SUBFLOOR FILLER: PREMIX LATEX REQUIRING WATER ONLY TO PRODUCE CEMENTITIOUS PASTE.
 9. DIVIDER STRIPS: TYPE AS INDICATED, AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF EDGE STRIPS; WHEN NOT OTHERWISE INDICATED, PREPARATION: BROOM CLEAN SUBSTRATE SURFACE AND ENSURE FLOOR SURFACE IS SMOOTH AND FLAT TO PLUS OR MINUS 1/8" PER 10'-0", FREE OF OIL, GREASE, DUST AND FOREIGN SUBSTANCE. USE LATEX FILLER TO PATCH CRACKS AND SMALL HOLES, AND FOR MINOR LEVELING.
 10. PREPARATION: GRIND CONCRETE WHERE RIDGES AND IRREGULARITIES PROVIDE UNSATISFACTORY SUBSTRATE FOR WOOD STRIP FLOORING. BUFF CONCRETE WITH AN 80 GRIT SCREEN, THEN VACUUM AND WIPE THOROUGHLY WITH LACQUER THINNER.
 11. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTION FOR DIRECT APPLICATION OF WOOD STRIP FLOORING OVER CONCRETE. MAINTAIN PROPER FLOORING TO BE CORRECTED TYPE, QUANTITY AND DAMAGE.
 - a. PROVIDE AT LEAST 1/2" EXPANSION SPACE BETWEEN FLOORING AND ALL WALLS AND VERTICAL OBJECTS.
 - b. ENSURE JOINTS OF WOOD FLOORING ARE IN LINE; ENSURE FULL ADHESIVE CONTACT FOR PERMANENT BOND TO SUBSTRATE. WHEN INSTALLING DIRECT TO CONCRETE, IT IS RECOMMENDED TO USE BLUE TAPE TO HOLD THE FLOORING TOGETHER WHILE ADHESIVE IS WET. THIS WILL KEEP THE FLOOR TIGHT AND CRACKS TO A MINIMUM. REMOVE BLUE TAPE WITHIN 6 HOURS.
 - c. LAY FLOORING SYMMETRICAL ABOUT ROOM CENTER LINE; FIT NEATLY TO VERTICAL INTERFERENCE POINTS.
 - d. ALSO BOARDS THAT ARE CUT SHOULD BE HAND BEVELED OR DRAGGED, AND COATED TO MATCH OTHER FLOORING BOARDS USING BLEED KIT SUPPLIED WITH THE FLOORING.
 - e. BOARDS THAT MEET PERPENDICULAR OR AT ANY OTHER ANGLE ARE TO BE TONGUE AND GROOVED TOGETHER TO PROVIDE A FINISHED SURFACE.
 - f. CLEAN ALL ADHESIVE OFF THE FINISHED FLOORING WITH MINERAL SPIRITS MAKING SURE NOT TO RUB TOO AGGRESSIVELY WHICH COULD DAMAGE THE FINISH AND/OR REMOVE THE COLOR FROM THE FLOORING.
 1. PROVIDE DIVIDER STRIPS WHERE FLOORING TERMINATES WITH TILE OR OTHER FLOOR FINISH.
 - (1) DIVIDER STRIPS MANUFACTURER: MANHATTAN AMERICAN TERRAZZO STRIP COMPANY P.O. BOX 72433 OLD 421 ROAD STALEY, NORTH CAROLINA 27585 (336)922-4247; FAX: (336) 622-4160 matans@aol.com
 2. PROVIDE MAXIMUM 1:12 SLOPE WHERE FINISHED FLOOR SURFACE CHANGES LE BETWEEN WOOD FLOORING AND ADJACENT FLOORING.

2. RESILIENT SHEET FLOORING:
 1. GENERAL: PROVIDE RESILIENT SHEET FLOORING WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
 2. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES OF EACH TYPE OF FLOORING COLOR AND PATTERN SELECTED AND EACH TYPE OF EXPOSED INTEGRAL BASE ACCESSORY.
 3. PROJECT CONDITIONS: ENSURE FLOOR SURFACES ARE SMOOTH AND FLAT WITH MAXIMUM VARIATION OF 1/8" IN 10'-0". ENSURE CONCRETE FLOORS ARE DRY AND EXHIBIT NEGATIVE ALKALINITY, CARBONIZING AND DUSTING.
 - a. REFER TO FINISH SCHEDULE FOR LOCATION OF SPECIFIED MATERIALS AND FINISHES WHEN APPLICABLE.
 - b. FLAMMABILITY: 0.45 WATTS/SQ.CM. OR HIGHER, ASTM E648.
 - c. EDGE STRIPS AND ACCESSORIES: RUBBER OR NYL EDGING STRIPS MATCHING RESILIENT FLOORING.
 - d. SUBFLOOR FILLER: WHITE PREMIXED LATEX-CEMENT PASTE DESIGNED FOR PROVIDING THIN SOLID SURFACE FOR LEVELING AND MINOR RAMPING OF SUBSURFACE TO ADJACENT FLOOR FINISHES. USE MATERIAL CAPABLE OF BEING APPLIED AND FEATHERED OUT TO ADJACENT FLOOR WITHOUT SPALLING.
 6. PREPARATION: GRIND CONCRETE WHERE RIDGES AND IRREGULARITIES PROVIDE UNSATISFACTORY SUBSTRATE FOR WOOD STRIP FLOORING. BUFF CONCRETE WITH AN 80 GRIT SCREEN, THEN VACUUM AND WIPE THOROUGHLY WITH LACQUER THINNER.
 7. SEALER AND FINISH: TYPE RECOMMENDED BY FLOORING MANUFACTURER FOR MATERIAL TYPE AND LOCAL CONDITIONS.
 8. PREPARATION: GRIND CONCRETE WHERE RIDGES AND IRREGULARITIES PROVIDE UNSATISFACTORY SUBSTRATE FOR WOOD STRIP FLOORING. BUFF CONCRETE WITH AN 80 GRIT SCREEN, THEN VACUUM AND WIPE THOROUGHLY WITH LACQUER THINNER.
 9. INSTALLATION: COMPLY WITH FLOORING AND CODES PUBLISHED BY THE MANUFACTURER'S LITERATURE AND CODES PUBLISHED BY THE STATE OF OSHA, SURFACES SHALL BE PREPARED AND PAINT APPLIED TO MEET THE HIGHER STANDARD, AS DETERMINED BY THE DESIGN AUTHORITY.
 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUESTING PROMPT CLARIFICATION WHEN INSTRUCTIONS ARE LACKING, CONFLICTS OCCUR IN THE SPECIFICATION, MANUFACTURER'S LITERATURE, OR THE PROCEDURE SPECIFIED IS NOT CLEARLY UNDERSTOOD. IN THE EVENT, THE CONTRACTOR FAILS TO RESOLVE THE CONFLICTS, WHICH MAY EXIST, HE SHALL BE RESPONSIBLE FOR HANDLING THE DISCREPANCIES IN A MANNER AS PRESCRIBED BY THE DESIGN AUTHORITY AT NO ADDITIONAL COST TO THE OWNER.
 4. ALL PERTINENT SAFETY REGULATIONS, BOTH THE OWNER'S AND OSHA'S SHALL BE ADHERED TO RIGIDLY. IN ADDITION, ALL SAFETY PRECAUTIONS NOTED ON THE MANUFACTURER'S PRODUCT DATA SHEETS AND LABELS SHALL BE OBSERVED FOR BOTH MATERIALS AND EQUIPMENT.
5. THE APPLICATION SHALL LEAVE NO SAGS, RUNS OR HOLIDAYS. ANY DAMAGE IN ANY COAT SHALL BE REPAIRED TO CONFORM TO THIS SPECIFICATION PRIOR TO FINISHING.
6. WHERE REQUIRED, IMPERFECTIONS AND HOLES IN SURFACES TO BE COATED SHALL BE CLEANED AND REPAIRED ACCORDING TO HIGHEST INDUSTRY STANDARDS AND IN A MANNER APPROVED BY THE DESIGN AUTHORITY.
7. ALL MATERIALS SPECIFIED BY BENJAMIN MOORE & CO., AND ARE INTENDED TO ESTABLISH STANDARDS OF QUALITY AND GENERIC TYPES. COATING SUBSTITUTIONS ARE PROHIBITED.
8. ALL COATING MATERIALS SHALL BE DELIVERED TO OTHER JOB SITE IN THE ORIGINAL AND UNOPENED CONTAINERS, PLAINLY MARKED WITH THE PROPER DESIGNATION OF THE PRODUCT, AS WELL AS THE NAME OF THE MANUFACTURER. ALL COATING MATERIALS AT THE JOB SITE SHALL BE SUBJECT TO INSPECTION BY THE OWNER'S REP.
9. ALL PAINTING MATERIALS SHALL BE STORED IN A CLEAN, DRY WELL VENTILATED PLACE, PROTECTED FROM SPARKS, FLAME, DIRECT RAYS OF THE SUN, AND EXCESSIVE HEAT OR COLD. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE PROTECTION AND SAFETY OF THE MATERIALS STORED BY G.C. AT THE JOB SITE. PAINT ADDITIVES ARE PROHIBITED.
10. PAINT ADDITIVES ARE PROHIBITED.
11. COLORS FOR INDIVIDUAL ITEMS SHALL BE AS SPECIFIED IN THE FINISH PAINTING SCHEDULE, OF THIS SPECIFICATION AND/OR THE PROCEEDING SCHEDULE. THE COLORS SHALL BE MATCHED TO THE WORK DOCUMENTS WITH THE SCOPE OF WORK SCHEDULE TAKING PRECEDENCE. COLORS SHALL NOT BE SUBSTITUTED.
12. SURFACES NOT TO BE PAINTED SHALL BE PROTECTED DURING CLEANING & PAINTING OPERATIONS.
13. BEFORE ANY SURFACE IS COATED, IT SHALL BE CLEANED CAREFULLY OF ALL DUST, DIRT, GREASE, LOOSE RUST, MILL SCALE, OLD PAINT, ETC.
14. ALL CLEANED METAL SHALL BE PRIME COATED, AS SPECIFIED, IMMEDIATELY AFTER CLEANING TO PREVENT NEW RUSTING OR OXIDATION OF CLEANED SURFACES.
15. SURFACES:
 - 15.1 SURFACE PREPARATION (ALL METAL AND WOOD SURFACES)
 - a. SOLVENT CLEANING SSPC-SPI - THIS IS A METHOD FOR REMOVING OIL, GREASE, DRAWING AND CUTTING FLUIDS FROM THE SURFACE. A COMPLETE DESCRIPTION OF THE PROCEDURES CAN BE FOUND IN STEEL STRUCTURES PAINTING COUNCIL SPECIFICATION "SSPC-SOLVENT CLEANING".
 - b. EMULSIFIER SOLVENT CLEANING - ALL AREAS TO BE PAINTED SHOULD BE CLEANED THOROUGHLY WITH A SOLUTION OF OIL AND GREASE EMULSIFIER. THIS CLEANER EMULSIFIES ALL OF THE OILY SUBSTANCE CONVERTING IT TO SOAP AND FLOES. THE OIL OF THE SURFACE THOROUGHLY THOROUGHLY CLEAN UNTIL SURFACE IS CLEAN AND THE RINGS WELL WITH CLEAN WATER. THIS PROCESS SHOULD BE REPEATED TO ENSURE THAT THERE ARE NO OTHER OILY CONTAMINANTS REMAINING.
 - 15.2 WALLS AND COLUMNS - MATTE/EGGSHELL FINISH
 - a. PRIMER: APPLY ONE (1) COAT OF ULTRA SPEC UNDERCOATER & PRIMER SEALER (PRODUCT # NS8400) AT A WET FILM THICKNESS OF 3.6 MILS PER COAT TO ACHIEVE A DRY FILM THICKNESS OF 1.1 MILS PER COAT. (TINT PRIMER ONE SHADE LIGHTER THAN FINISH COAT).
 - b. FINISH: APPLY TWO (2) COATS OF REGAL SELECT PREMIUM INTERIOR PAINT MATTE/EGGSHELL FINISH (548) AT A WET FILM THICKNESS OF 3.8 MILS PER COAT TO ACHIEVE A DRY FILM THICKNESS OF 1.5 MILS PER COAT. CEILING WITH PREMIUM QUALITY NYLON/POLYESTER BRUSH. FIRST COAT MAY BE SPRAYED, BUT BACKROLL WITH SOFT WOVEN COVER NO LARGER THAN 3/4" NAP TO MINIMIZE TEXTURE. SECOND COAT SHALL BE APPLIED BY ROLLER ONLY.
 - 15.3 CEILING AND SOFFITS AT FINISH:
 - a. PRIMER: APPLY ONE (1) COAT OF ULTRA SPEC UNDERCOATER & PRIMER SEALER (PRODUCT # NS8400) AT A WET FILM THICKNESS OF 3.6 MILS PER COAT TO ACHIEVE A DRY FILM THICKNESS OF 1.1 MILS PER COAT. (TINT PRIMER ONE SHADE LIGHTER THAN FINISH COAT).
 - b. FINISH: APPLY TWO (2) COATS OF REGAL SELECT PREMIUM INTERIOR PAINT FLAT FINISH (667) AT A WET FILM THICKNESS OF 3.8 MILS PER COAT TO ACHIEVE A DRY FILM THICKNESS OF 1.4 MILS PER COAT.
 - c. APPLICATION: BRUSH SMALL AREAS AND AROUND TRIM AND CEILING WITH PREMIUM QUALITY NYLON/POLYESTER BRUSH. FIRST COAT MAY BE SPRAYED, BUT BACKROLL WITH SOFT WOVEN COVER NO LARGER THAN 3/4" NAP TO MINIMIZE TEXTURE. SECOND COAT SHALL BE APPLIED BY ROLLER ONLY.
 - 15.4 WALLS, CEILING, AND TRIM - SEMI GLOSS FINISH
PRIMER: APPLY ONE (1) COAT OF ULTRA SPEC ACRYLIC METAL PRIMER (P04) AT A WET FILM THICKNESS OF 4.0-4.5 MILS PER COAT TO ACHIEVE A DESIRED CONSISTENCY AND FLOW.
 - a.b. PAINTING FACTORY FINISHED DOORS: APPLY ONE (1) COAT OF STIX WATERBORNE PRIMER (XA05). ALLOW 3 HOURS TO DRY THEN APPLY 1-2 COATS OF REGAL SELECT SEMI-GLOSS IN THE SPECIFIED COLOR.
 - b. FINISH: APPLY TWO (2) COATS OF REGAL SELECT PREMIUM INTERIOR PAINT SEMI-GLOSS FINISH (561) AT A WET FILM THICKNESS OF 3.8 MILS PER COAT TO ACHIEVE A DRY FILM THICKNESS OF 1.4 MILS PER COAT.
 - c. APPLICATION: BRUSH APPLY WITH PREMIUM QUALITY NYLON/POLYESTER BRUSH. ALWAYS KEEP A WET EDGE DURING APPLICATION. A MAXIMUM OF ONE PINT PER GALLON OF CLEAN WATER MAY BE ADDED FOR A DESIRED CONSISTENCY AND FLOW.
 - 15.5 METAL DOORS AND METAL DOOR JAMBS - SEMI GLOSS FINISH
 - a. PRIMER: APPLY ONE (1) COAT OF ULTRA SPEC ACRYLIC METAL PRIMER (P04) AT A WET FILM THICKNESS OF 4.0-4.5 MILS PER COAT TO ACHIEVE A DRY FILM THICKNESS OF 1.7-2.3 MILS PER COAT. (TINT PRIMER ONE SHADE LIGHTER THAN FINISH COAT).
 - b. FINISH: APPLY TWO (2) COATS OF REGAL SELECT PREMIUM INTERIOR PAINT SEMI-GLOSS FINISH (561) AT A WET FILM THICKNESS OF 3.8 MILS PER COAT TO ACHIEVE A DRY FILM THICKNESS OF 1.4 MILS PER COAT.
 - c. APPLICATION: FOR JAMBS: BRUSH APPLY WITH PREMIUM QUALITY NYLON/POLYESTER BRUSH. ALWAYS KEEP A WET EDGE DURING APPLICATION. FOR DOORS, A SOFT WOVEN COVER OF NO MORE THAN 3/4" IS RECOMMENDED FOR A SMOOTH APPEARANCE. A MAXIMUM OF ONE PINT PER GALLON OF CLEAN WATER MAY BE ADDED FOR A DESIRED CONSISTENCY AND FLOW.
 - 15.6 NOTES AND CAUTIONS
 - a. ENSURE PROPER PREPARATIONS FOR APPLICATION - BEFORE ANY SURFACE IS COATED, IT SHALL BE CLEANED OF ALL DUST, DIRT, GREASE, LOOSE RUST, MILL SCALE, LOOSE PAINT, ETC. IMPERFECTIONS AND HOLES IN SURFACES TO BE COATED SHALL BE CLEANED AND FILLED IN AN APPROVED MANNER.
 - b. ALL PROJECTS SHOULD BE INSPECTED AT VARIOUS STAGES OF SURFACE PREPARATION AND COATING APPLICATION. INSPECTION SHOULD BE CARRIED OUT BY G.C. INSPECTION & OWNERS REP. OR BY OUTSIDE INSPECTION FIRMS.
 - c. CLEAN ANY BOLTS AND PAINT THEM USING A BRUSH - COLORS SHOULD BE DECREASED BEFORE PRIMING. THE PRIMER AND TOPCOATS SHOULD BE APPLIED BY BRUSH TO ACHIEVE COMPLETE AND UNIFORM COVERAGE.
 - d. MASK FAYING SURFACES AFTER PRIMING - IF FAYING SURFACES ARE TO BE PRIMED, THEY MUST BE MASKED AFTER PRIMING TO PREVENT TOPCOATING OF THE FAYING SURFACES. APPLICATION OF THE TOPCOAT TO A FAYING SURFACE MAY LEAD TO LOSSENING OF FRICTION JOINTS.
 - e. ENSURE ADEQUATE VENTILATION WHILE APPLYING AND CURING COATINGS IS IMPORTANT FOR HEALTH AND SAFETY REASONS AND TO ENSURE PROPER CURE OF THE COATING. WHEN APPLYING COATINGS IN CONFINED SPACES, SOLVENT VAPORS MAY ACCUMULATE, LEADING TO INTOXICATION OF WORKERS OR FIRE AND EXPLOSION. FLAMMABLE SOLVENTS AND THE ATOMIZED COATINGS ARE GENERALLY HEAVIER THAN AIR AND SETTLE IN THE LOWER AREAS OF CONFINED SPACE. THIS WHEN DESIGNING AND INSTALLING THE VENTILATION SYSTEM.
 - f. PAINT BEFORE INSTALLING HARDWARE.
 6. CARPET:
 1. INSTALL OWNER FURNISHED CARPET; PROVIDE CARPET ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
 2. STANDARDS: COMPLY WITH CARPET AND RUG INSTITUTE (CRI) STANDARDS.
 - a. FLAMMABILITY: 0.45 WATTS/SQ.CM. OR HIGHER, ASTM E648.
 3. INSTALLER QUALIFICATIONS: APPROVED BY CARPET MANUFACTURER, UPON REQUEST, SUBMIT LETTER FROM CARPET MANUFACTURER STATING INSTALLER ACCEPTABLE.
 4. ADHESIVE: NONTOXIC TYPE RECOMMENDED BY CARPET AND UNDERLAY MANUFACTURERS TO SUIT APPLICATION AND EXPECTED SERVICE.
 5. LEVELING AND RAMPING MATERIAL: LATEX-CEMENT MATERIAL DESIGNED FOR PROVIDING THIN SOLID SURFACE FOR LEVELING AND MINOR RAMPING OF SUBSURFACE TO ADJACENT FLOOR WITHOUT SPALLING.
 6. PREPARATION: CLEAN FLOORS OF DUST, DIRT, SOLVENTS, OIL, GREASE, PAINT, PLASTER AND OTHER SUBSTANCES DETRIMENTAL TO PROPER PERFORMANCE OF ADHESIVE AND CARPET; ALLOW FLOORS TO THOROUGHLY DRY.
 7. USE LEVELING AND RAMPING MATERIAL AS SPECIFIED TO PATCH CRACKS, SPALL HOLES, LEVELING AND FOR RAMPING TO PROVIDE FINISHED CARPET WITHIN 1/2" OF ADJACENT FLOORING MATERIALS.
 8. CARPET INSTALLATION: INSTALL CARPET IN ACCORDANCE WITH CARPET MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
 - a. PRIME SUBSTRATE IF REQUIRED AND IF RECOMMENDED BY MANUFACTURER. SPREAD ADHESIVE IN MANNER RECOMMENDED BY MANUFACTURER TO ENSURE

OWNER:
UNTUCKIT
SHIRTS DESIGNED TO BE WORN UNTUCKED.
110 GREEN STREET
SUITE 400
DURHAM, NC 27713
ARCHITECT/ENGINEER:
SHREMSHOCK
North Carolina
License Number: 62024
www.shremshock.com

SHREMSHOCK Architects, Inc.
7400 W. Campus Rd. Ste. 150 New Albany, OH 43054
T: 614.545.4559

REVISIONS:
REVISIONS TO BE IDENTIFIED BY NUMBER AND DATE

DESIGN TYPE:
RESIDENTIAL

PROJECT LOCATION:
THE STREETS AT
SOUTHPOINT
6910 FAYETTEVILLE RD
SPACER 1140
DURHAM, NC 27713

DRAWN BY: REC
CHECKED BY: ELM

Bid Set TRCI 04.10.18

SPECIFICATIONS

DATE ISSUED:
03/30/2018

PROJECT NO:
180088

DRAWING NO:
AS.2

DIVISION 10 - SPECIALTIES

1. ACCESS PANELS: U.S. GYPSUM BOARD SOFFIT OR WALL, 24" X 24" SURFACE OR SHARED PANELS AS MANUFACTURED BY INTERFLOORS, (516) 388-9933 OR SUBSTITUTES WITH "B" LABEL FIRE PANEL, MODEL FN 5050, KEY LOCK, UNLESS OTHERWISE SPECIFIED. ACCESS PANELS ARE NORMALLY INDICATED ON THE HVAC AND REFLECTED CEILING PLANS. IN ABSENCE OF DEFINED LOCATIONS, THE GENERAL CONTRACTOR IS TO FURNISH AND INSTALL ACCESS PANELS AS NECESSARY TO FURNISH REASONABLE, SAFE ACCESS TO SERVICE ALL SERVICABLE COMPONENTS OF EACH PIECE OF EQUIPMENT. ASSUMED ACCESS SHALL BE BY A TECHNICIAN(S) STANDING FIRMLY ON A LADDER. WHERE ACCESS PANELS OR APPLICATIONS DIFFERS, ACCESS CANNOT BE LOCATED IMMEDIATELY ADJACENT TO THE EQUIPMENT, THE CONTRACTOR IS TO FURNISH A NON-COMBUSTIBLE CATWALK OR ABOVE CEILING SECURED PLANKING OR METAL DECKING OR SIMILAR NON-COMBUSTIBLE MATERIAL TO PERMIT ACCESS TO THE EQUIPMENT FROM THE NEAREST ACCESS PANEL OR LIFT-OFF DIFFUSER. CATWALKS MUST BE INSTALLED FREE TO A HEIGHT OF 3 FEET 0 INCHES ABOVE THE CATWALK. CATWALKS MUST BE CAPABLE OF SAFELY SUPPORTING A MINIMUM OF TWO (2) TECHNICIANS PLUS EQUIPMENT AND BE CONSTRUCTED OF NON-COMBUSTIBLE MATERIALS.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE TO ASSEMBLE ALL MISCELLANEOUS NON-SALES AREA WALL STANDARDS, SHELVES, BRACKETS, ETC.
3. LAVATORY FIXTURES & ACCESSORIES: REFER TO MECHANICAL DRAWINGS, TOILET ROOM DETAILS SHEET, AND RESPONSIBILITY SCHEDULE.
4. RESTORE LANDLORD'S STRUCTURAL STEEL FIREPROOFING TO MAINTAIN INTEGRITY OF NEAREST CEILING AND FIREPROOFING SYSTEM AS REQUIRED.
5. CLEANING: THE G.C. IS RESPONSIBLE FOR 2 PROFESSIONAL CLEANINGS, ONE CLEANING TO BE PRIOR TO THE PUNCH-LIST DATE, THE SECOND IS TO BE AFTER THE STORE IS MERCHANDISED BEFORE THE OPENING DATE. STORE IS TO BE TURNED OVER IN A DUST-FREE, DIRTY-FREE CONDITION. CLEANING SHALL INCLUDE, BUT NOT BE LIMITED TO:
 1. STOREFRONT GLASS (INSIDE AND OUT)
 2. MIRRORS
 3. STOREFRONT METAL
 4. SIGNS
 5. LIGHT FIXTURES INCLUDING CANS, TRIM, TRACK AND TRACK HEADS
 6. FLOORING (PER MANUFACTURER'S RECOMMENDATIONS)
 7. VINYL RESILIENT FLOOR TILE CLEANED AND WAXED
 8. PRESENTATION ITEMS, PROPS, AND TRADE FIXTURES
 9. WOOD BASE
 10. WALL COVERINGS
 11. NON-SALES SHELVING, STORAGE PLATFORMS, ETC.
6. AWNING - GENERAL: G.C. TO COORDINATE AWNING AND FRAME INSTALLATION WITH OWNER'S PROJECT MANAGER. SUBCONTRACTOR TO PROVIDE BLOCKING AS REQUIRED. COORDINATE WITH OWNER'S VENDOR.

DIVISION 12 - FURNISHINGS

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR ASSEMBLY AND PLACEMENT OF OFFICE AND NON-SALES EQUIPMENT AND FURNITURE.
2. THE CONTRACTOR IS RESPONSIBLE TO UNCRATE, ASSEMBLE, AND PLACE TRADE FIXTURES AND PRESENTATION ITEMS IN SALES AREA; FIXTURES TO BE LOCATED PER THE DIRECTION OF THE OWNER.
3. SUNGLASS CONTROL FILM:
 1. SOLAR CONTROL FILM APPLIED TO EXISTING GLASS.
 2. PRODUCT DATA: MANUFACTURER'S DATA ON PRODUCTS TO BE PROVIDED, SHOWING PHYSICAL PROPERTIES AND INCLUDING INSTALLATION INSTRUCTIONS.
 3. TEST DATA: INDEPENDENT TESTING AGENCY REPORTS SHOWING COMPLIANCE WITH PROPERTIES SPECIFIED IN REFERENCE TO A TEST METHOD.
 4. PROVIDE FILM MANUFACTURER'S 10-YEAR WARRANTY AGAINST FAILURE OF FILM, INCLUDING CHANGE OF COLOR, PEELING, BUBBLING, RIPPING, CRACKING, DELAMINATION, AND DEMETALIZATION; INCLUDE COST OF MATERIAL AND LABOR FOR REMOVAL AND REINSTALLATION.
 5. MANUFACTURER: SOUTHWALL TECHNOLOGIES; REPRESENTED BY V-KOOL, INC.; 17356B NORTHWEST FREEWAY, HOUSTON, TX 77040. ASD TEL: (800) 786-2468. FAX: (713) 856-8998. EMAIL: SALES@V-KOOL-USA.COM WWW.V-KOOL-USA.COM
 6. SOLAR CONTROL FILM: SOUTHWALL TECHNOLOGIES V-KOOL VK-70 FILM: VIRTUALLY CLEAR SELF-ADHESIVE POLYESTER FILM.
 7. SOLAR CONTROL FILM: SOUTHWALL TECHNOLOGIES V-KOOL VK-40 FILM: GRAY TINTED SELF-ADHESIVE POLYESTER FILM.
 8. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 9. INSTALL WITHOUT BUBBLES, RIPPLES, DRIPS, DIRT, CUTS, TEARS, OR GAPS BETWEEN FILM AND FRAME.
 10. CLEAN NEWLY INSTALLED FILM AND WINDOW FRAMES.
 1. REMOVE CLEANING SOLUTIONS, RUN-OFF CLEANING WATER, AND ADHESIVE MOUNTING SOLUTION FROM ADJACENT SURFACES.
 2. WHERE INSTALLED FILM COULD BE DAMAGED BY SUBSEQUENT CONSTRUCTION WORK, PROVIDE TAPE WARNING STRIPS OR BARRICADES TO PREVENT CONTACT.
4. INTERIOR WINDOW FILM:
 1. APPLY TO STOREFRONT GLASS AS INDICATED ON DRAWINGS.
 2. PRODUCT DATA: MANUFACTURER'S DATA ON PRODUCTS TO BE PROVIDED SHOWING PHYSICAL PROPERTIES AND INCLUDING INSTALLATION INSTRUCTIONS.
 3. TEST DATA: INDEPENDENT TESTING AGENCY REPORTS SHOWING COMPLIANCE WITH PROPERTIES SPECIFIED IN REFERENCE TO A TEST METHOD.
 4. PROVIDE FILM MANUFACTURER'S 10-YEAR WARRANTY AGAINST FAILURE OF FILM, INCLUDING CHANGE OF COLOR, PEELING, BUBBLING, RIPPING, CRACKING, DELAMINATION, AND DEMETALIZATION; INCLUDE COST OF MATERIALS AND LABOR FOR REMOVAL AND REINSTALLATION.
 5. MANUFACTURER: 3-M, 3M CORPORATE HEADQUARTERS, 3M CENTER ST. PAUL, MN 55144-1000, 1-888-364-3577.
 6. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 7. INSTALL WITHOUT BUBBLES, RIPPLES, DRIPS, DIRT, CUTS, TEARS, OR GAPS BETWEEN FILM AND FRAME.
 8. CLEAN NEWLY INSTALLED FILM AND WINDOW FRAMES.
 1. REMOVE CLEANING SOLUTIONS, RUN-OFF CLEANING WATER, AND ADHESIVE MOUNTING SOLUTION FROM ADJACENT SURFACES.
 2. WHERE INSTALLED FILM COULD BE DAMAGED BY SUBSEQUENT CONSTRUCTION WORK, PROVIDE TAPE WARNING STRIPS OR BARRICADES TO PREVENT CONTACT.

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