E. WOOD TRIM INSTALLATION:
1. BEFORE INSTALLING MIRROR WOOD TRIM, EXAMINE SHOP-FABRICATED WORK FOR COMPLETION AND COMPLETE WORK AS REQUIRED. PRIME TO ALL EXPOSED SURFACES OF THE MIRROR WOOD TRIM WHICH WILL BE IN CONTACT WITH THE MIRROR BACKING TO ELIMINATE INTERACTIONS BETWEEN THE RESINS IN THE WOOD AND THE MIRROR BACKING.
2. INSTALL MIRROR WOOD TRIM PLUMB, LEVEL, TRUE, AND STRAIGHT WITH NO DISTORTIONS. SCRIBE AND CUT MIRROR WOOD TRIM TO FIT ADJOINING WORK, AND REFINISH CUT SURFACES AND REPAIR DAMAGED FINISH AT CUTS.
INSTALL WITH MINIMUM NUMBER OF JOINTS POSSIBLE, USING FULL-LENGTH PIECES (FROM MAXIMUM LENGTH OF WOOD TRIM AVAILABLE) TO GREATEST EXTENT POSSIBLE. DO NOT USE PIECES LESS THAN 96" LONG, EXCEPT WHERE SHORTER SINGLE-LENGTH PIECES ARE NECESSARY. SCARF RUNNING JOINTS. MITERS OVER 4" LONG SHALL BE SPLINED AND GLUED.
3. FASTEN MIRROR WOOD TRIM THROUGH FIELD DRILLED AND COUNTER SUNK HOLES TO PLYWOOD, STUD FRAMING, AND SHEET METAL BACKER PLATES PREVIOUSLY BUILT INTO PARTITION SUBSTRATES. SECURE WITH COUNTER SUNK CONCEALED STUD FASTENERS IN ACCORDANCE WITH THE FASTENER MANUFACTURERS WRITTEN INSTRUCTIONS. USING PLASTIC WOOD FILLER FILL VOID ABOVE HEADS OF COUNTER SUNK FASTENERS FULL AND STRIKE FLUSH WITH FACE OF THE WOOD TRIM, SAND SMOOTH WITH 220 GRIT OR FINER SANDPAPER. FILL GAPS, IF ANY, AT MITERS WITH PLASTIC WOOD FILLER, SAND SMOOTH.
4. ADHERE SETTING BLOCKS TO MIRROR GLASS BEARING SURFACE OF THE MIRROR WOOD TRIM GLAZING CHANNEL (DADO), LOCATED AT QUARTER POINTS, USING 2 SETTING BLOCKS PER MIRROR PANEL.

F. MIRROR INSTALLATION: APPLY MASTIC IN PING PONG BALL SIZED SPOTS TO THE WALL, NOT TO THE MIRROR BACK TO AVOID POTENTIAL DAMAGE CAUSED BY MASTIC APPLICATOR TOOLS IN COMPLIANCE WITH MASTIC MANUFACTURER'S WRITTEN INSTRUCTIONS FOR COVERAGE OF NOT LESS THAN ONE SPOT FOR EVERY SQUARE FOOT OF MIRROR AND TO ALLOW AIR CIRCULATION BETWEEN BACK OF MIRRORS AND FACE OF MOUNTING SURFACE. DO NOT APPLY MASTIC WITHIN 6" OF THE MIRROR EDGES TO PREVENT SQUEEZE OUT. PLACE SPOTS SO SPACE WILL BE LEFT BETWEEN THEM WHEN THE MIRROR IS INSTALLED. AFTER MASTIC IS APPLIED, ALIGN MIRRORS AND PRESS INTO PLACE WHILE MAINTAINING A MINIMUM AIR SPACE OF 1/8" BETWEEN BACK OF MIRRORED GLASS AND MOUNTING SURFACE. MASTIC SHALL SPREAD TO A PAT APPROXIMATELY 4-1/2" IN DIAMETER AFTER PRESSING MIRROR INTO PLACE.

3.4 PROTECTION AND CLEANING
A. PROTECT MIRRORS FROM BREAKAGE AND CONTAMINATING SUBSTANCES RESULTING FROM CONSTRUCTION OPERATIONS. USING CLEAN WARM WATER, CLEAN MIRRORS BY METHODS RECOMMENDED IN REFERENCED GLAZING STANDARDS.

DIVISION 09: FINISHES

SECTION 092116 - GYPSUM BOARD ASSEMBLIES

A. GENERAL: PROVIDE GYPSUM BOARD SYSTEMS INCLUDING METAL FRAMING ACCESSORIES, GYPSUM BOARD, JOINT TREATMENT, ACOUSTICAL INSULATION, ACOUSTICAL SEALANT, AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.

B. STANDARDS: COMPLY WITH ASTM C754 AND ASTM C840, AND REQUIREMENTS FOR FIRE RATINGS.
1. DEFLECTIONS: MAXIMUM L/240 TYPICAL, L/360 AT LOCATIONS INDICATED TO RECEIVE TILE.

C. FIRE-RATED ASSEMBLIES: LISTED BY UNDERWRITER'S LABORATORY, GYPSUM ASSOCIATION (GA) FILE NO'S IN GA-600 FIRE RESISTANCE DESIGN MANUAL, OR OTHER LISTING APPROVED BY APPLICABLE AUTHORITIES.

D. SYSTEMS RESPONSIBILITY: PROVIDE PRODUCTS MANUFACTURED BY OR RECOMMENDED BY MANUFACTURER OF GYPSUM BOARD TO MAINTAIN SINGLE-SOURCE RESPONSIBILITY FOR SYSTEM.

E. MANUFACTURERS: USG, GEORGIA PACIFIC, OR NATIONAL GYPSUM.

F. METAL FRAMING: CONFORM TO ASTM C754; COMPLETE 16 GAGE AND LIGHTER STEEL FRAMING AND SUSPENSION SYSTEM FOR GYPSUM BOARD SYSTEMS; PROVIDE ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION.
1. INSTALL OWNER FURNISHED GARCY STUDS AND STANDARDS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
2. MANUFACTURED SUSPENSION SYSTEM SUCH AS CHICAGO METALLIC/DRYWALL SYSTEM IS ACCEPTABLE.

G. GYPSUM BOARD: CONFORM TO C840; UL LISTED FIRE RESISTANT GYPSUM BOARD THROUGHOUT.
1. STANDARD: ASTM C36, 5/8" THICK.
2. CORE BOARD: ASTM C442, 1" THICK.

H. GYPSUM BOARD ACCESSORIES: COMPLY WITH ASTM C840.
1. PROVIDE PROTECTIVE COATED STEEL CORNER BEADS AND EDGE TRIM; TYPE DESIGNED TO BE CONCEALED IN FINISHED CONSTRUCTION BY TAPE AND JOINT COMPOUND.
2. CORNER BEADS: MANUFACTURER'S STANDARD METAL BEADS.
3. REINFORCING TAPE, JOINT COMPOUND, ADHESIVE, WATER, FASTENERS: TYPES RECOMMENDED BY SYSTEM MANUFACTURER AND CONFORMING WITH ASTM C475.
4. CONTROL/EXPANSION JOINTS: 2-PIECE DRYWALL JOINTS DESIGN TO BE FINISHED TO ADJACENT SURFACE WITH TAPE & SPACKLE.
5. MAXIMUM CALCULATED DEFLECTION OF ANY FRAMING MEMBER IN DIRECTION NORMAL TO THE PLANE OF THE WALL WHEN SUBJECTED TO SPECIFIED PRESSURES SHALL BE LIMITED TO L/175 OF THE SPAN BUT NO MORE THAN 3/4".

I. FIRE RATED CONSTRUCTION: COMPLY WITH UNDERWRITER'S LABORATORIES CERTIFIED FIRE TESTS AND APPLICABLE CODE REQUIREMENTS.
1. SHAFT WALL SYSTEM: PROVIDE AT SHAFTS AND WHERE INDICATED.

J. ACOUSTICAL ACCESSORIES: PROVIDE ASTM C665, TYPE I ACOUSTICAL INSULATION AND ASTM C919 PAINTABLE ACOUSTICAL SEALANTS WHERE ACOUSTICAL SYSTEMS ARE INDICATED.

K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, REFERENCED AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS AND ACOUSTICAL RATINGS.
1. SPECIAL METAL STUD AND GYPSUM DOOR: PROVIDE SPECIAL CONFIGURATION AS INDICATED ON DRAWINGS.

L. METAL FRAMING ERECTION: ERECT METAL FRAMING IN ACCORDANCE WITH ASTM C754 AND MANUFACTURER'S RECOMMENDATIONS.
1. DOOR OPENING FRAMING: INSTALL DOUBLE STUDS AT DOOR FRAME JAMBS; INSTALL RUNNERS ON EACH SIDE OF OPENING AT FRAME HEAD HEIGHT BETWEEN JAMB STUDS AND ADJACENT STUDS.
2. INSTALL MEMBERS TRUE TO LINES AND LEVELS TO PROVIDE SURFACE FLATNESS WITH MAXIMUM VARIATION OF 1/8" IN 10'-0" IN ANY DIRECTION.
3. INSTALL METAL FRAMING BACKING WHERE REQUIRED FOR SUPPORT OF FIXTURES, CABINETS, ACCESSORIES AND HARDWARE.
4. COORDINATE INSTALLATION OF BUCKS, ANCHORS, BLOCKING, ELECTRICAL AND MECHANICAL WORK WHICH IS TO BE PLACED IN OR BEHIND PARTITION FRAMING; ALLOW ITEMS TO BE INSTALLED AFTER FRAMING IS COMPLETE.

M. CEILING FRAMING INSTALLATION: ERECT IN ACCORDANCE WITH ASTM C754 AND MANUFACTURER'S RECOMMENDATIONS. REINFORCE OPENINGS IN CEILING SUSPENSION SYSTEM.
1. LATERALLY BRACE ENTIRE SUSPENSION SYSTEM.

N. GYPSUM BOARD INSTALLATION: INSTALL IN ACCORDANCE WITH ASTM C840 AND MANUFACTURER'S RECOMMENDATIONS. USE SCREWS WHEN FASTENING GYPSUM BOARD TO FURRING AND TO FRAMING.
1. FOR FIRE RATED SYSTEMS COMPLY WITH REQUIREMENTS FOR FIRE RATINGS.
2. PLACE CORNER BEADS AT EXTERNAL CORNERS; USE LONGEST PRACTICAL LENGTHS.
3. PLACE EDGE TRIM WHERE GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.
4. TAPE, FILL, AND SAND EXPOSED JOINTS, EDGES, CORNERS AND OPENINGS TO PRODUCE SURFACE READY TO RECEIVE FINISHES; FEATHER COATS ONTO ADJOINING SURFACES.
5. FINISHING: COMPLY WITH GYPSUM ASSOCIATION (GA) "LEVELS OF GYPSUM BOARD FINISH" GA LEVEL 4, THREE COAT FINISHING AND SANDING IS REQUIRED FOR SURFACES INDICATED TO BE PAINTED; PROVIDE FLUSH, SMOOTH JOINTS AND SURFACES READY FOR APPLIED PAINT FINISHES.
6. REMOVE AND REPLACE DEFECTIVE WORK.

O. ACOUSTICAL ACCESSORIES INSTALLATION.
1. PLACE ACOUSTICAL INSULATION TIGHT WITHIN SPACES, AROUND CUT OPENINGS, BEHIND AND AROUND ELECTRICAL AND MECHANICAL ITEMS WITHIN PARTITIONS, AND TIGHT TO ITEMS PASSING THROUGH PARTITIONS.
2. PLACE ACOUSTICAL SEALANT WITHIN PARTITIONS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS; INSTALL ACOUSTICAL SEALANT AT GYPSUM BOARD PERIMETER, AT BASE LAYER AND FACE LAYER OF GYPSUM BOARD, AND PENETRATIONS OF PARTITIONS:

3. TOLERANCE: MAXIMUM 1/4" SPACE BETWEEN GYPSUM BOARD AT FLOOR, CEILING, AND PENETRATIONS.
4. INSTALL ELECTRICAL BOX PADS WITH PADS MOLDED AND PRESSED ON BACK SIDE OF BOX, CLOSING OPENINGS, IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, FOR COMPLETE ACOUSTICAL BARRIER.

SECTION 093000 - TILING

A. GENERAL: PROVIDE TILE SYSTEMS INCLUDING SETTING MATERIALS, GROUT, AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. STANDARDS: COMPLY WITH TILE COUNCIL OF AMERICA "HANDBOOK OF CERAMIC TILE INSTALLATION" INCLUDING REFERENCED ASTM AND ANSI STANDARDS.

C. TILE MANUFACTURERS: AS INDICATED ON DRAWINGS.
1. FLOOR TILE: PROVIDE NON-SLIP UNITS WITH MINIMUM WET AND DRY VALUE OF 0.60 COEFFICIENT OF FRICTION WHEN TESTED IN ACCORDANCE WITH ASTM C1028.

D. LATEX THIN SET: THINSET BOND COAT, LATEX-CEMENTITIOUS MORTAR CONFORMING TO ANSI A118.4.
E. GROUT: ANSI A118.6, LATEX CEMENTITIOUS TYPE BY LATICRETE, BOSTIK OR CUSTOM BUILDING PRODUCTS. GROUT JOINT 1/8" MAX. OR AS INDICATED IN FINISH SCHEDULE.
F. INTEGRAL WATERPROOFING: LATICRETE, BOSTIK, OR NOBEL LIQUID RUBBER INTEGRAL TILE SETTING WATERPROOFING SYSTEM WITH NO BITUMINOUS EXTENDERS; PROVIDE AT TILE APPLICATIONS ABOVE GRADE.
G. CLEANING AND SEALING MATERIALS: AS RECOMMENDED BY TILE AND GROUT MANUFACTURERS, SUCH AS BOSTIK CONSTRUCTION PRODUCTS/HYDROMENT CERAMASEAL.

H. PREPARATION: DO NOT COMMENCE WORK UNTIL SURFACE CONDITIONS ARE WITHIN TOLERANCES REQUIRED FOR PROPER INSTALLATION; APPLY LATEX LEVELING MATERIAL WHERE NECESSARY TO MEET REQUIRED TOLERANCES.

I. INSTALLATION: COMPLY WITH TILE COUNCIL OF AMERICA (TCA) HANDBOOK FOR CERAMIC TILE INSTALLATION FOR LATEX BOND COAT THIN SET APPLICATION.
1. TILE: INSTALL TILE IN ACCORDANCE WITH REFERENCED ANSI STANDARDS AND TCA RECOMMENDATIONS FOR TYPE OF SUBSTRATE AND INDICATED SETTING METHOD; LATEX-CEMENT THIN SET AND BOND COATS REQUIRED.
2. PLACE TILE IN ACCORDANCE WITH PATTERNS INDICATED ON DRAWINGS OR AS DIRECTED BY OWNER'S PROJECT MANAGER; CAREFULLY PLAN TILE LAYOUTS, ENSURE PATTERN IS UNINTERRUPTED FROM ONE SURFACE TO THE NEXT AND THROUGH DOORWAYS.
3. SEAL TILE AND GROUT SURFACES WHERE RECOMMENDED BY MANUFACTURER FOR MATERIALS AND APPLICATIONS INVOLVED; COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.

SECTION 095100 - ACOUSTICAL CEILINGS

NO WORK THIS SECTION

A. GENERAL: PROVIDE ACOUSTICAL CEILINGS INCLUDING SUSPENSION SYSTEM, TRIM, AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. STANDARDS: CONFORM TO ASTM C635 FOR METAL SUSPENSION SYSTEM AND ASTM C636 FOR INSTALLATION OF ACOUSTICAL CEILINGS.
C. PERFORMANCE REQUIREMENTS: PROVIDE PRODUCTS LISTED BY UNDERWRITERS LABORATORIES (UL).
1. FLAME SPREAD/SMOKE DENSITY: PROVIDE PRODUCTS MEETING CODE REQUIREMENTS FOR MAXIMUM 25 FLAME SPREAD AND MAXIMUM 25 SMOKE DENSITY.

D. SEISMIC REQUIREMENTS: COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS FOR SEISMIC BRACING OF CEILING SUSPENSION SYSTEM, AND WITH ASTM E580.

E. SUBMITTALS: SUBMIT PRODUCT DATA, SHOP DRAWINGS INDICATING LAYOUT, AND SAMPLES OF GRID, TRIM, AND CEILING UNITS.SAND
F. INSTALLER: FIRM WITH MINIMUM THREE YEAR'S SUCCESSFUL EXPERIENCE IN PROJECTS OF SIMILAR TYPE AND SCOPE; ACCEPTABLE TO MANUFACTURER OF ACOUSTICAL UNITS.

G. PROJECT CONDITIONS: DO NOT INSTALL CEILINGS UNTIL BUILDING IS ENCLOSED, SUFFICIENT HEAT IS PROVIDED, DUST GENERATING ACTIVITIES HAVE TERMINATED AND OVERHEAD MECHANICAL WORK IS COMPLETED, TESTED AND APPROVED; ALLOW WET WORK TO DRY PRIOR TO INSTALLATION.

H. ACOUSTICAL UNITS: TYPES AS INDICATED ON DRAWINGS. MANUFACTURERS: ARMSTRONG OR APPROVED EQUAL.
1. NON-RATED(NON-SALES) AREAS: ARMSTRONG 24" X 48" X 5/8" FINE FISSURED PANELS (#1729) WITH SQUARE EDGE - WHITE, UNSCORED/NON-DIRECTIONAL.
2. NON-RATED (SALES) AREAS: ARMSTRONG 24" X 24" X 5/8" DUNE (#1775) BEVELED TEGULAR - WHITE
3. RATED AREAS: ARMSTRONG 24" X 24" X 5/8" DUNE (#1852) BEVELED TEGULAR - WHITE
4. RATED (NON-SALES) AREAS: ARMSTRONG 24" X 48" X 5/8" FINE FISSURED PANELS (#1830) WITH SQUARE EDGE - WHITE, UNSCORED/NON-DIRECTIONAL.

I. SUSPENSION SYSTEM: TYPE AS INDICATED ON DRAWINGS. MANUFACTURERS: ARMSTRONG OR APPROVED EQUAL.
1. FOR ARMSTRONG #1729 CEILING: ARMSTRONG PRELUDE XL 15/16" EXPOSED TEE OR STANDARD 1" PROFILE WHITE BAKED ENAMEL FINISHED STEEL OR ALUMINUM TYPE, EDGE TRIM WITH VERTICAL LEG CONCEALED.
2. FOR ARMSTRONG #1775 CEILING: ARMSTRONG SUPRAFINE XL 9/16" EXPOSED TEE. OR 9/16" NARROW PROFILE WHITE BAKED ENAMEL FINISH. STEEL OR ALUMINUM TYPE, EDGE TRIM WITH VERTICAL LEG CONCEALED.
3. FOR ARMSTRONG #1852 CEILING: ARMSTRONG SUPRAFINE XL FIRE GUARD 9/16" EXPOSED TEE.

J. PREPARATION: MEASURE CEILING AREA AND ESTABLISH LAYOUT OF ACOUSTICAL UNITS TO BALANCE BORDER WIDTHS AT OPPOSITE EDGES OF EACH CEILING; DO NOT USE LESS THAN HALF WIDTH UNITS AT BORDERS. COORDINATE WITH OTHER WORK SUPPORTED BY OR PENETRATING THROUGH CEILINGS, INCLUDING LIGHT FIXTURES, HVAC EQUIPMENT AND PARTITION SYSTEMS.

K. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS, ASTM C636, AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS.
1. FINISHED CEILINGS: TRUE TO LINES AND LEVELS AND FREE FROM WARPED, SOILED OR DAMAGED GRID OR ACOUSTICAL UNITS.
2. INSTALL CEILING SYSTEMS IN A MANNER CAPABLE OF SUPPORTING SUPERIMPOSED LOADS, WITH MAXIMUM PERMISSIBLE DEFLECTION OF 1/8" IN 10'-0".
3. ENSURE SUSPENSION SYSTEM IS LOCATED TO ACCOMMODATE FITTINGS AND UNITS OF EQUIPMENT WHICH IS TO BE PLACED AFTER INSTALLATION OF CEILING GRID.
4. WHERE DUCTS OR OTHER EQUIPMENT PREVENT REGULAR SPACING OF HANGERS, REINFORCE NEAREST ADJACENT HANGERS AND RELATED CARRYING CHANNELS AS REQUIRED TO SPAN REQUIRED DISTANCE.
5. INSTALL EDGE MOLDINGS AT INTERSECTION OF CEILING AND VERTICAL SURFACES, USING MAXIMUM LENGTHS, STRAIGHT, TRUE TO LINE AND LEVEL; MITER CORNERS.
6. FIT ACOUSTIC UNITS IN PLACE, FREE FROM DAMAGED EDGES OR DEFECTS DETRIMENTAL TO APPEARANCE AND FUNCTION. LAY DIRECTIONALLY PATTERNED UNITS ONE WAY WITH PATTERN AS DIRECTED. FIT BORDER UNITS NEATLY AGAINST ABUTTING SURFACES.
7. INSTALL UNITS LEVEL, IN UNIFORM PLANE AND FREE FROM TWIST, WARP AND DENTS.
8. INSTALL HOLD-DOWN CLIPS WHERE REQUIRED BY APPLICABLE CODES AND WHERE CEILING IS WITHIN 20'-0" OF AN EXTERIOR DOOR.

L. ADJUSTMENT: ADJUST SAGS OR TWISTS WHICH DEVELOP IN CEILING SYSTEM AND REPLACE ANY PART WHICH IS DAMAGED OR FAULTY.

SECTION 096429 - WOOD STRIP AND PLANK FLOORING

A. GENERAL: INSTALL SHOP FINISHED ACRYLIC IMPREGNATED WOOD STRIP FLOORING SYSTEM WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. PROJECT CONDITIONS: DO NOT INSTALL WOOD FLOORING SYSTEM UNTIL WET CONSTRUCTION WORK IS COMPLETED AND SURROUNDING AIR HAS MAXIMUM MOISTURE CONTENT OF 40 PERCENT. PROVIDE PERMANENT HEAT, LIGHT AND VENTILATION PRIOR TO INSTALLATION.
1. MAINTAIN ROOM TEMPERATURE BETWEEN 60-90 DEGREES F, HUMIDITY 25-50 FOR PERIOD OF SEVEN DAYS PRIOR TO DELIVERY OF MATERIALS

C. MANUFACTURER: ARCHITECTURAL SYSTEMS, INC.
D. WOOD: AS INDICATED ON DRAWINGS, TONGUE AND GROOVED EDGES WITH SHOP APPLIED ACRYLIC IMPREGNATED FINISH INTENDED FOR DIRECT ADHESIVE APPLICATION TO CONCRETE.

E. ADHESIVE: TYPE AS RECOMMENDED BY MANUFACTURER TO ENSURE MAXIMUM DURABILITY OVER TIME; NONTOXIC, WATERPROOF TYPE SUITABLE FOR FLOORING, SUBSTRATE, AND ACCEPTABLE TO APPLICABLE AUTHORITIES.

F. SUBFLOOR FILLER: PREMIX LATEX REQUIRING WATER ONLY TO PRODUCE CEMENTITIOUS PASTE.

G. DIVIDER STRIPS: TYPE AS INDICATED IN DETAILS.
H. 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.
1. GRIND CONCRETE WHERE RIDGES AND IRREGULARITIES PROVIDE UNSATISFACTORY SUBSTRATE FOR WOOD STRIP FLOORING.

I. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTION FOR DIRECT APPLICATION OF WOOD STRIP FLOORING OVER CONCRETE.
1. ENSURE JOINTS OF WOOD FLOORING ARE IN LINE; ENSURE FULL ADHESIVE CONTACT FOR PERMANENT BOND TO SUBSTRATE.
2. LAY FLOORING SYMMETRICAL ABOUT ROOM CENTER LINE; FIT NEATLY TO VERTICAL INTERRUPTIONS.
3. PROVIDE DIVIDER STRIPS AT CENTERLINE OF DOOR OPENINGS AND WHERE FLOORING TERMINATES WITH TILE OR OTHER FLOOR FINISHES. (SEE FINISH PLAN LAYOUT)
4. PROVIDE MAXIMUM 1:12 SLOPE WHERE FINISHED FLOOR SURFACE CHANGES LEVEL BETWEEN WOOD FLOORING AND ADJACENT FLOORING.
5. PROVIDE SHEET VINYL UNDERLAYMENT MOISTURE BARRIER OVER CONCRETE OR AS RECOMMENDED BY VENDOR.

SECTION 096519 - RESILIENT TILE FLOORING

A. GENERAL: PROVIDE RESILIENT TILE FLOORING SYSTEM AND RESILIENT BASE, WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
B. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES OF EACH TYPE OF FLOORING AND BASE COLOR AND PATTERN SELECTED.
C. 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.
D. RESILIENT TILE: 12" X 12" BY 1/8" THICK; VINYL COMPOSITION TILE CONFORMING TO ASTM F1066, COMPOSITION 1; COLOR AND PATTERN AS INDICATED IN FINISH SCHEDULE.
1. MANUFACTURERS: ARMSTRONG WORLD INDUSTRIES, INC. OR APPROVED EQUAL
FLAMMABILITY: PROVIDE MATERIALS TESTED UNDER ASTM E648, FLOORING RADIANT PANEL TEST, WITH RESULTS OF 0.45 WATTS/CM2 OR HIGHER.
2. SLIP RESISTANCE: PROVIDE MATERIALS TESTED UNDER ASTM D2047, JAMES SLIP TEST WITH MINIMUM 0.6 RATING FOR FLOORS.

E. RESILIENT BASE: FS SS-W-40, 1/8" GAGE COVED BASE AT HARD FLOOR SURFACES, STRAIGHT (TOP SET) BASE AT CARPET; PROVIDE PREMOLDED END STOPS AND EXTERNAL CORNERS.
1. MANUFACTURER: ARMSTRONG; MOLDED VINYL BASE. HEIGHT: 4" OR 6" AS INDICATED IN FINISH SCHEDULE.
2. COLOR: AS INDICATED IN FINISH SCHEDULE.
F. EDGE STRIPS AND ACCESSORIES: RUBBER OR VINYL EDGE STRIPS MATCHING RESILIENT FLOORING; LATEX-MODIFIED PORTLAND CEMENT BASED UNDERLAYMENT AND PATCHING COMPOUND; NONTOXIC WATER RESISTANT TYPE ADHESIVES.

G. SUBFLOOR FILLER: WHITE PREMIXED LATEX-CEMENT PASTE DESIGNED FOR PROVIDING THIN SOLID SURFACE FOR LEVELING AND MINOR RAMPING OF SUBSURFACE TO ADJACENT FLOOR FINISHES; MATERIAL CAPABLE OF BEING APPLIED AND FEATHERED OUT TO ADJACENT FLOOR WITHOUT SPALLING.

H. PRIMERS AND ADHESIVES: WATERPROOF NONTOXIC TYPES AS RECOMMENDED BY FLOORING MANUFACTURER FOR SPECIFIED MATERIAL AND APPLICATION.

SEALER AND WAX: TYPE RECOMMENDED BY FLOORING MANUFACTURER FOR MATERIAL TYPE AND LOCATION.
J. PREPARATION: CONFORM WITH MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION AND WITH ASTM F710; REMOVE SUBFLOOR RIDGES AND BUMPS; FILL LOW SPOTS, CRACKS, JOINTS, HOLES AND DEFECTS WITH SUBFLOOR FILLER.

K. FLOORING INSTALLATION: CONFORM WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS; SET FLOORING IN PLACE, PRESS WITH HEAVY ROLLER TO ENSURE FULL ADHESION; SCRIBE FLOORING TO WALLS, COLUMNS, AND OTHER APPURTENANCES, TO PRODUCE TIGHT JOINTS.
1. INSTALL MINIMUM 1/2 TILE AT ROOM AND AREA PERIMETER; TERMINATE RESILIENT FLOORING AT CENTERLINE OF DOOR OPENINGS WHERE ADJACENT FLOOR FINISH IS DISSIMILAR; INSTALL EDGE STRIPS AT UNPROTECTED AND EXPOSED EDGES WHERE FLOORING TERMINATES.
2. SEE FINISH PLAN FOR FLOOR PATTERN DESIRED IN EACH AREA.
L. BASE INSTALLATION: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS; APPLY TO WALLS, COLUMNS, PILASTERS, CASEWORK, AND OTHER PERMANENT FIXTURES IN ROOMS AND AREAS WHERE BASE IS REQUIRED.
1. MITER INTERNAL CORNERS; USE PREMOLDED SECTIONS FOR EXTERNAL CORNERS AND EXPOSED ENDS; SCRIBE AND FIT TO DOOR FRAMES AND OTHER OBSTRUCTIONS.

M. EDGE STRIPS: INSTALL WHERE EDGE OF TILE WOULD OTHERWISE BE EXPOSED; BUTT TO FLOORING WITHOUT GAPS; SET IN ADHESIVE.
N. CLEANING: CLEAN, SEAL AND WAX FLOOR IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

SECTION 096800 - CARPETING (WALK-OFF MAT)

NO WORK THIS SECTION

A. GENERAL: PROVIDE ENTRY CARPET TYPE FLOOR WALK OFF MATS AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.

C. MANUFACTURER: GRAND ENTRANCE
REFER TO FINISH SCHEDULE.

D. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE CODES AND STANDARDS.

SECTION 097216 - VINYL COATED FABRIC WALLCOVERING

A. GENERAL: INSTALL VINYL WALL COVERING AND PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
B. MAINTENANCE INSTRUCTIONS: FURNISH MANUFACTURER'S RECOMMENDED CLEANING MATERIALS AND APPLICATION METHODS, INCLUDING PRECAUTIONS IN USE OF CLEANING MATERIALS WHICH MAY BE DETRIMENTAL TO SURFACES.
C. MANUFACTURER: WOLF-GORDON
D. TYPE: VINYL WALL COVERING CONFORMING TO FS DD-G-408, TYPE II VINYL WALL COVERING WITH CLOTH BACKING, MINIMUM 24 TO 26 OZ.; WITH MAXIMUM 25 FLAME SPREAD AND SMOKE DEVELOPED, ASTM E84 (UL CLASS A, UBC CLASS 1).

E. ADHESIVE: NONTOXIC TYPE RECOMMENDED BY WALL COVERING MANUFACTURER TO SUIT APPLICATION.
F. PRIMER: PROVIDE NON-STAINING, NON-TOXIC RELEASE COAT PRIMER AS RECOMMENDED BY WALL COVERING MANUFACTURER.
1. PROVIDE PRIMER WHICH ALLOWS REMOVAL OF WALL COVERING FROM GYPSUM BOARD WITHOUT DAMAGING PAPER FACING OF BOARD, AND WITHOUT PREMATURE SEPARATION OF WALL COVERING FROM WALL.
G. EXAMINATION: ENSURE SURFACES TO RECEIVE WALL COVERING ARE CLEAN, TRUE AND FREE OF IRREGULARITIES, DO NOT COMMENCE WITH WORK UNTIL SURFACES ARE SATISFACTORY.
1. ENSURE WALL SURFACE FLATNESS TOLERANCE DOES NOT VARY MORE THAN 1/8" IN 10'-0", NOR VARY AT A RATE GREATER THAN 1/16" PER RUNNING FOOT.

H. PREPARATION: COMPLY WITH MANUFACTURER'S RECOMMENDATIONS; FILL NICKS, GOUGES AND OTHER MINOR IMPERFECTIONS OF SUBSTRATES WITH LATEX FILLER; SAND SMOOTH, FLUSH WITH SURFACE; APPLY PRIME COAT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

I. APPLICATION: HANDLE AND APPLY WALL COVERING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS; MIX AND APPLY ADHESIVE IN ACCORDANCE WITH ADHESIVE MANUFACTURER'S RECOMMENDATIONS.
1. USE FABRIC PANELS IN EXACT ORDER AS CUT FROM ROLLS; USE ROLLS IN CONSECUTIVE ORDER AS NUMBERED BY MANUFACTURER.
2. HORIZONTAL SEAMS AND CUTTING AT CORNERS ARE NOT ACCEPTABLE; CUT NO CLOSER THAN 2" OF AN INSIDE CORNER, AND NOT CLOSER THAN 6" OF AN OUTSIDE CORNER.
3. FILL SPACES ABOVE AND BELOW WINDOWS, DOORS, AND SIMILAR AREAS IN SEQUENCE FROM ROLL.

SECTION 097216.16 - RIGID SHEET VINYL WALLCOVERING (F.R.P. PANELS)

A. GENERAL: PROVIDE PREFINISHED GLASS FIBER REINFORCED POLYESTER RESIN FABRICATED WALL PANELS, WITH TRIM PIECES AND ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION.
MANUFACTURERS: MARLITE
B. PANELS: FIBERGLASS REINFORCED PLASTIC (FRP) PANEL SYSTEM; NOMINAL 0.090"
C. THICKNESS; WHITE.
1. FIRE-RATING: CLASS I (UL CLASS A), MAXIMUM 25 FLAME SPREAD, 25 SMOKE GENERATION BASED ON ASTM E84. INSTALLATION.
D. TRIM PIECES: MANUFACTURER'S STANDARD MATCHING MOLDINGS AND TRIM PIECES AS REQUIRED FOR COMPLETE, FINISHED INSTALLATION, AND AS REQUIRED FOR JOINTS, CORNERS AND PANEL EDGES.
E. ADHESIVE: MANUFACTURER'S RECOMMENDED NONTOXIC, WATERPROOF ADHESIVE SUITABLE FOR SUBSTRATES INDICATED.
F. PRIMER: PROVIDE NON-STAINING RELEASE COAT PRIMER AS RECOMMENDED BY WALL PANEL MANUFACTURER WHERE PANELS ARE APPLIED TO GYPSUM BOARD.
G. MECHANICAL FASTENERS: CONCEALED TYPE ONLY; TYPES AS RECOMMENDED BY SYSTEM MANUFACTURER.
H. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE REQUIREMENTS FOR FIRE RATINGS. COPE AND MITER TRIM PIECES. INSTALL PANELS IN MAXIMUM SIZE INCREMENTS AVAILABLE.
1. INSTALL WALL PANELING BEFORE INSTALLATION OF PLUMBING, BASES, HARDWARE, AND SIMILAR ACCESSORIES.
2. SECURELY ADHERE PANELS TO WALL SURFACES; USE BLIND NAILING METHODS AS REQUIRED TO SUPPORT PANELS UNTIL ADHESIVE DRIES; EXPOSED MECHANICAL FASTENERS SHALL NOT BE ACCEPTABLE.
REMOVE EXCESS ADHESIVE FROM EDGES; WIPE SEAM CLEAN WITH DRY CLOTH TOWEL.

SECTION 099000 - PAINTING AND COATING

A. GENERAL: PROVIDE PAINTING OF EXPOSED ITEMS AND SURFACES NOT PREFINISHED, AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
B. SURFACES NOT TO BE PAINTED: PREFINISHED ITEMS; CONCEALED AND INACCESSIBLE AREAS, CODE-REQUIRED LABELS.
C. STANDARDS: PROVIDE MATERIALS APPROVED FOR USE BY APPLICABLE AIR QUALITY MANAGEMENT DISTRICT FOR LIMITATIONS OF VOLATILE ORGANIC COMPOUNDS FOR ARCHITECTURAL COATINGS.
D. SUBMITTALS: FURNISH PRODUCT DATA AND SAMPLES.
1. DUPLICATE PAINTED FINISHES OF APPROVED SAMPLES ON ACTUAL WALL SURFACES AND COMPONENTS FOR APPROVAL PRIOR TO COMMENCING WORK.

E. DELIVERY: DELIVER MATERIALS TO JOB SITE IN ORIGINAL, NEW AND UNOPENED PACKAGES AND CONTAINERS BEARING MANUFACTURER'S NAME AND LABEL.

F. MANUFACTURERS: BENJAMIN MOORE, PPG, RALPH LAUREN, MDC WALLCOVERINGS
G. MATERIAL QUALITY: PROVIDE TOP LINE QUALITY COMMERCIAL GRADE (PROFESSIONAL PAINTER) PAINTS; MATERIALS NOT BEARING MANUFACTURER'S IDENTIFICATION AS A BEST-GRADE PRODUCT SHALL NOT BE ACCEPTABLE.
1. PRIMERS: PROVIDE PREMIUM GRADE PRIMERS RECOMMENDED BY PAINT MANUFACTURER FOR SUBSTRATES INDICATED AND FOR FINISH SYSTEMS SPECIFIED.
2. UNDERCOATS AND BARRIER COATS: PROVIDE UNDERCOAT PAINTS PRODUCED BY SAME MANUFACTURER AS FINISH COATS; USE ONLY THINNERS APPROVED BY PAINT MANUFACTURER, AND USE ONLY WITHIN RECOMMENDED LIMITS.
3. FINISH COATS: PROVIDE FINISH COATS CAPABLE OF BEING WASHED WITH MILD DETERGENT WITHOUT LOSS OF COLOR, SHEEN, OR PIGMENTS.
4. FINISH COAT COORDINATION: PROVIDE FINISH COATS WHICH ARE COMPATIBLE WITH PRIME PAINTS, UNDERCOATS, AND BARRIER COATS USED.
VOLATILE ORGANIC COMPOUNDS: PROVIDE MATERIALS WITH MINIMAL VOLATILE ORGANIC COMPOUNDS (VOC); COMPLY WITH APPLICABLE REGULATIONS.

H. COLORS AND FINISHES: PURE, NON-FADING, APPLICABLE TYPES TO SUIT SERVICE INDICATED; NO LEAD CONTENT PERMITTED.
I. PREPARATION: PERFORM PREPARATION AND CLEANING PROCEDURES IN ACCORDANCE WITH PAINT MANUFACTURER'S INSTRUCTIONS AND AS SPECIFIED FOR SUBSTRATE CONDITION.
1. EXAMINE AREAS AND CONDITIONS UNDER WHICH PAINTING WORK IS TO BE APPLIED. START OF PAINTING WORK INDICATES ACCEPTANCE OF SURFACES AND CONDITIONS OF SURFACES AND CONDITIONS WITHIN ANY PARTICULAR AREA.
2. REMOVE HARDWARE, ACCESSORIES, AND ITEMS IN PLACE AND NOT TO BE PAINTED, OR PROVIDE PROTECTION PRIOR TO SURFACE PREPARATION AND PAINTING; AFTER PAINTING REINSTALL REMOVED ITEMS.

J. APPLICATION: APPLY PAINT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS; USE APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED.
1. APPLY ADDITIONAL COATS WHEN STAINS OR BLEMISHES SHOW THROUGH FINAL COAT, UNTIL PAINT IS A UNIFORM FINISH, COLOR AND APPEARANCE.
2. FINISH DOORS ON TOPS, BOTTOMS AND SIDE EDGES SAME AS FACES.
PROVIDE EXTRA ATTENTION TO ASSURE DRY FILM THICKNESS AT CORNERS AND CREVICES IS EQUIVALENT TO THAT OF FLAT SURFACES.
3. PAINT SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE SAME AS SIMILAR EXPOSED SURFACES; PAINT SURFACES BEHIND PERMANENTLY-FIXED EQUIPMENT AND FURNITURE WITH PRIME COAT ONLY.
4. PAINT BACK SIDES OF ACCESS PANELS AND REMOVABLE OR HINGED COVERS TO MATCH EXPOSED SURFACES.
5. SAND LIGHTLY BETWEEN EACH SUCCEEDING ENAMEL AND EACH VARNISH COAT.

K. SCHEDULING PAINTING: APPLY FIRST COAT TO SURFACES THAT HAVE BEEN CLEANED, PRETREATED OR PREPARED FOR PAINTING AS SOON AS PRACTICABLE AFTER PREPARATION.
1. ALLOW TIME BETWEEN SUCCESSIVE COATINGS TO PERMIT PROPER DRYING. DO NOT RECOAT UNTIL PAINT FEELS FIRM AND DOES NOT DEFORM OR FEEL STICKY UNDER MODERATE THUMB PRESSURE.
L. MINIMUM COATING THICKNESS: APPLY MATERIALS AT NOT LESS THAN MANUFACTURER'S RECOMMENDED SPREADING RATE, TO ESTABLISH A TOTAL DRY FILM THICKNESS AS RECOMMENDED BY COATING MANUFACTURER.

M. PRIME COATS: APPLY TO ITEMS NOT PREVIOUSLY PRIMED; RECOAT PRIMED AND SEALED SURFACES WHERE THERE IS EVIDENCE OF SUCTION SPOTS OR UNSEALED AREAS IN FIRST COAT.
N. FINISH COATS: PROVIDE EVEN TEXTURE; LEAVE NO LAPS, IRREGULARITY IN TEXTURE, SKID MARKS, OR OTHER SURFACE IMPERFECTIONS.
O. PAINT SYSTEMS: PROVIDE MINIMUM TWO COAT PLUS PRIMER SYSTEMS.
1. EXT. PAINTED METAL: SEMIGLOSS 100% ACRYLIC.
2. GYPSUM BOARD WALLS: EGGSHELL (SATIN) LATEX EMULSION.
3. GYPSUM BOARD CEILINGS: FLAT LATEX EMULSION.
4. TOILET ROOM WALLS AND CEILINGS: SEMIGLOSS ACRYLIC ENAMEL.
5. INT. PAINTED METAL: SEMIGLOSS 100% ACRYLIC
6. CONCRETE FLOORS: CLEAR PENETRATING SEAL; ONE COAT SYSTEM ACCEPTABLE.
7. FLOOR STRIPES: TRAFFIC BEARING, NON-SLIP STRIPE PAINT; ONE COAT SYSTEM ACCEPTABLE.
8. SHEENS: COMPLY WITH ASTM D523, REFLECTANCE OF PAINT.
P. CLEAN-UP: DURING PROGRESS OF WORK, REMOVE DISCARDED PAINT MATERIALS, RUBBISH, CANS AND RAGS FROM SITE AT END OF EACH WORK DAY.
1. CLEAN GLASS AND PAINT-SPATTERED SURFACES IMMEDIATELY BY PROPER METHODS OF WASHING AND SCRAPING, USING CARE NOT TO SCRATCH OR DAMAGE FINISHED SURFACES.
Q. PROTECTION: PROTECT WORK OF OTHER TRADES, WHETHER TO BE PAINTED OR NOT; CORRECT DAMAGE BY CLEANING, REPAIRING OR REPLACING, AND REPAINTING, AS ACCEPTABLE TO OWNER'S PROJECT MANAGER.
1. PROVIDE "WET PAINT" SIGNS TO PROTECT NEWLY-PAINTED FINISHES.
2. REMOVE TEMPORARY PROTECTIVE WRAPPINGS PROVIDED BY OTHERS FOR PROTECTION OF THEIR WORK, AFTER COMPLETION OF PAINTING OPERATIONS.

R. REPAIR: AT COMPLETION OF WORK OF OTHER TRADES, TOUCH-UP AND RESTORE DAMAGED SURFACES OR DEFACED PAINTED SURFACES.

DIVISION 10: SPECIALTIES

SECTION 102113.13 - METAL TOILET COMPARTMENTS

NO WORK THIS SECTION

A. GENERAL: PROVIDE FLOOR MOUNTED METAL TOILET COMPARTMENTS AND WALL MOUNTED URINAL SCREENS WITH ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION; COORDINATE WITH TOILET ACCESSORIES.
1. COORDINATE WITH TOILET ACCESSORIES.
B. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.

C. SUBMITTALS: SUBMIT PRODUCT DATA, SHOP DRAWINGS, AND SAMPLES.
D. MANUFACTURERS: SANYMETAL, GLOBAL, OR FLUSH METAL.
E. TYPE: FLOOR MOUNTED TOILET PARTITIONS AND WALL MOUNTED URINAL SCREENS.
1. FINISH: STANDARD BAKED ENAMEL FINISH COLOR AS SELECTED BY DESIGNER FROM MANUFACTURER'S FULL LINE OF COLORS.
F. PILASTER SHOES: 3" HIGH; ASTM A666, TYPE 302/304, NO. 4 POLISHED FINISH; STAINLESS STEEL.
G. ATTACHMENTS, SCREWS AND BOLTS: STAINLESS STEEL, TAMPER PROOF TYPE; HEAVY DUTY EXTRUDED ALUMINUM BRACKETS.
H. HARDWARE: MANUFACTURER'S STANDARD CHROME PLATED OR SIMILAR FINISH.
1. HINGES: NON-FERROUS CAST PIVOT HINGES, GRAVITY TYPE, ADJUSTABLE FOR DOOR CLOSE POSITIONING.
2. LATCH: SLIDE LATCH; DOOR STRIKE AND KEEPER WITH RUBBER BUMPER.
3. COAT HOOK/BUMPER: CAST ALLOY CHROME PLATED COMBINATION UNIT.
4. WALL BUMPER: CAST ALLOY WALL MOUNTED RUBBER BUMPER FOR OUTSWINGING DOORS.
5. PULLS: COMPLY WITH REQUIREMENTS FOR PROVIDING ACCESS FOR PERSONS WITH DISABILITIES.
I. INTERNAL REINFORCEMENT: PROVIDE INTERNAL REINFORCEMENT IN AREAS OF ATTACHED HARDWARE AND FITTINGS; MARK LOCATIONS OF REINFORCEMENT FOR PARTITION MOUNTED WASHROOM ACCESSORIES.
J. PREPARATION: EXAMINE SITE CONDITIONS TO WHICH WORK IS TO BE APPLIED; TAKE SITE DIMENSIONS AFFECTING THIS WORK.
1. ENSURE CORRECT SPACING AND SIZE OF PLUMBING FIXTURES; TAKE SPECIAL NOTE OF FIXTURES IN COMPARTMENTS INDICATED TO BE DESIGNED FOR PERSONS WITH DISABILITIES TO ASSURE CLEARANCES COMPLYING WITH ACCESS REGULATIONS.

K. INSTALLATION: INSTALL UNITS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS, SECURE, PLUMB, LEVEL, AND SQUARE; LEAVE 1/2" SPACE BETWEEN WALL PANELS AND END PILASTERS.
1. ADJUST HINGES TO LOCATE DOORS IN PARTIAL OPEN POSITION WHEN UNLATCHED, EXCEPT ADJUST HINGES TO RETURN DOORS TO CLOSED POSITION AT STALLS DESIGNED FOR USE BY PERSONS WITH DISABILITIES.
2. ANCHOR URINAL SCREEN PANELS TO WALLS WITH TWO PANEL BRACKETS.

L. CLEANING: FIELD TOUCH-UP OF SCRATCHES AND DEFACED FINISHES WILL NOT BE PERMITTED; REPLACE DAMAGED, SCRATCHED AND MARRED DEFECTIVE MATERIALS WITH NEW, UNDAMAGED MATERIALS; REMOVE PROTECTIVE MASKINGS; CLEAN SURFACES FREE OF OIL AND IMPERFECTIONS.

SECTION 102613 - CORNER GUARDS

A. GENERAL: INSTALL ALUMINUM CORNER GUARDS WITH ATTACHMENT DEVICES AND ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
B. MANUFACTURERS: PAWLING, NEW YORK METAL OR EQUAL.
C. TYPE: ALUMINUM UNITS WITH MILL FINISH. SEE DWGS.
D. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS.

SECTION 102813 - TOILET ACCESSORIES

A. GENERAL: PROVIDE TOILET ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.
B. CODES AND REGULATIONS: COMPLY WITH STATE AND FEDERAL REQUIREMENTS FOR ENSURING ACCESS FOR PERSONS WITH DISABILITIES.

C. MANUFACTURERS: BOBRICK, BRADLEY, OR AMERICAN SPECIALTIES.

D. MATERIALS: STAINLESS STEEL, ASTM A666, COMMERCIAL GRADE, TYPE 302/304, NUMBER 4 SATIN FINISH, SATIN CHROME ACCEPTABLE WHERE STAINLESS STEEL IS NOT AVAILABLE FOR ACCESSORY ITEM SCHEDULED; GAGES AS STANDARD WITH MANUFACTURER OF SPECIFIED ITEMS.

E. TYPES: STAINLESS STEEL ACCESSORIES AS INDICATED ON DRAWINGS; PROVIDE GRAB BARS WITH CONCEALED MOUNTING, SIZES AND SHAPES AS INDICATED AND AS REQUIRED BY APPLICABLE CODES AND REGULATIONS.
1. FASTENERS, SCREWS, AND BOLTS: HOT DIP GALVANIZED; AS RECOMMENDED BY ACCESSORY MANUFACTURER FOR COMPONENT AND SUBSTRATE.
2. CONCEALED SURFACES: PRETREAT AND CLEAN, SPRAY APPLY ONE COAT PRIMER AND BAKED ENAMEL FINISH.

F. FABRICATION: WELD AND GRIND SMOOTH JOINTS OF FABRICATED COMPONENTS; FORM EXPOSED SURFACES FROM ONE SHEET OF STOCK, FREE OF JOINTS.
1. PROVIDE STEEL ANCHOR PLATES AND ANCHOR COMPONENTS FOR INSTALLATION.
2. FABRICATE UNITS WITH TIGHT SEAMS AND JOINTS, EXPOSED EDGES ROLLED; HANG DOORS AND ACCESS PANELS WITH CONTINUOUS PIANO HINGES; PROVIDE CONCEALED ANCHORAGE WHERE POSSIBLE.
3. HOT DIP GALVANIZE FERROUS METAL ANCHORS AND FASTENING DEVICES.
4. FORM SURFACES FLAT WITHOUT DISTORTION; MAINTAIN FLAT SURFACES WITHOUT SCRATCHES AND WITHOUT DENTS; FINISH EXPOSED EDGES EASED, FREE OF SHARP EDGES WHERE POTENTIAL EXISTS FOR PHYSICAL CONTACT.
5. SHOP ASSEMBLE COMPONENTS; PACKAGE COMPLETE WITH ANCHORS AND FITTINGS.

G. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND APPLICABLE CODES AND REGULATIONS.

SECTION 105100 - LOCKERS

A. GENERAL: INSTALL OWNER FURNISHED METAL LOCKERS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. INSTALLATION: INSTALL LOCKERS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS, SECURE, PLUMB, LEVEL, SQUARE, AND IN LINE.
1. BOLT ADJOINING LOCKER UNITS TOGETHER TO PROVIDE RIGID INSTALLATION.
2. INSTALL METAL BASES, END PANELS, AND FILLER PANELS TO CLOSE OFF OPENINGS AND AS REQUIRED FOR COMPLETE INSTALLATION.

SECTION 105626 - MOBILE STORAGE SHELVING

A. GENERAL: INSTALL OWNER FURNISHED MOVABLE COMPACT STORAGE SYSTEM; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE FINISHED INSTALLATION.

B. EXAMINATION: EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH COMPACTED STORAGE SYSTEM IS TO BE INSTALLED. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
C. INSTALLATION: COMPLY WITH MANUFACTURER RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.
1. INSTALL UNITS AND ACCESSORIES AT LOCATIONS SHOWN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS, LEVEL, PLUMB, SECURE AND AT PROPER HEIGHT.
2. INSTALLATION TO BE SUPERVISED BY FACTORY TRAINED PERSONNEL; MANUFACTURER REPRESENTATIVE TO MAKE PERIODIC SITE INSPECTIONS OF INSTALLATION WHILE IN PROGRESS.
D. CLEANING: CLEAN UNITS AND REPAIR OR REPLACE DAMAGED UNITS AS DIRECTED BY OWNER'S PROJECT MANAGER. TOUCH-UP MARRED FINISHES OR REPLACE COMPONENT PARTS AS NECESSARY TO ELIMINATE EVIDENCE OF DAMAGE OR DETERIORATION.

E. PROTECTION: PROVIDE PROTECTION FOR INSTALLED SYSTEM TO ENSURE PERFECT OPERATING CONDITION WITHOUT DAMAGE AT COMPLETION OF PROJECT.

SECTION 107313 - AWNINGS

NO WORK THIS SECTION

A. GENERAL: G.C. TO COORDINATE AWNING AND FRAME INSTALLATION WITH OWNER'S PROJECT MANAGER. SUBCONTRACTOR TO PROVIDE BLOCKING AS REQUIRED PER SHOP DRAWING DETAILS.

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PROJECT INFORMATION:
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SCOPE:	NEW	PACKAGE:
DESIGN TYPE:	DG	GENERATION:
ESD&C PROJECT #:	94869	A/E PROJECT #:

REVISIONS:

	REQUIRED BY:	DATE
1 *		03/13/14
2 *		04/09/14
3 *		05/06/14

* INDICATES NO REVISION TO THIS SHEET

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