

DIVISION 11 – EQUIPMENT
NOT USED

DIVISION 12 – FURNISHINGS

124813 – ENTRANCE FLOOR MATS AND GRATES

1. GENERAL
 - A. SECTION INCLUDES:
 - 1) CARPET ENTRY MATS.
 - 2) RIGID GRATES.
 - 3) PERIMETER ANGLE FRAME.
 - B. RELATED SECTIONS:
 - 1) 035416 - HYDRAULIC CEMENTITIOUS UNDERLAYMENT: UNDERLAYMENT AND TAPERED FILL.
 - C. SUBMITTALS
 - 1) MAKE SUBMITTALS IN ACCORDANCE WITH SECTION 013300.
 - 2) SHOP DRAWINGS: INDICATE PERIMETER ANGLE FRAME SIZE AND LOCATIONS, MAT JOINT LOCATIONS, RIGID GRATE FASTENING DETAILS, AND RELEVANT DETAILS OF ADJACENT CONSTRUCTION. INDICATE METHOD FOR FASTENING FRAME TO SUBSTRATE.
2. PRODUCTS
 - A. MATS AND ACCESSORIES
 - 1) CARPET ENTRY MATS: COCOMAT AS SCHEDULED ON THE DRAWINGS.
 - 2) RIGID GRATES: NYSTOM "ENVIRONMENTAL RIGID GRATE"; 1 1/16 INCH DEPTH.
 - 3) PERIMETER ANGLE FRAME: EXTRUDED ALUMINUM PERIMETER FRAME; AS INDICATED ON THE DRAWINGS; CLEAR ANODIZED FINISH; PRE-DRILL FRAME TO RECEIVE ANCHORS FOR INSTALLATION; FRAME SECTIONS SHALL BE IN CONTINUOUS LENGTHS. COORDINATE FRAME SIZE WITH RIGID GRATE MODULE.
 - 4) MISCELLANEOUS ACCESSORIES: FURNISH FASTENERS, SLEEVE ANCHORS, AND OTHER MATERIALS AS NECESSARY FOR A COMPLETE INSTALLATION.
3. EXECUTION
 - A. EXAMINATION: VERIFY THAT SUBSTRATE IS PROPERLY LEVEL, CLEAN, AND READY FOR INSTALLATION OF ENTRY MAT FRAME.
 - B. INSTALLATION
 - 1) MECHANICALLY FASTEN ENTRY MAT FRAME SECTIONS ACCURATELY INTO POSITIONS AS INDICATED. CORNER JOINTS SHALL BE MITERED AND TIGHTLY BUTTED. FOR EACH ANGLE FRAME SECTION, PLACE FASTENERS 2 INCHES FROM EACH END AND AT MAXIMUM 24 INCHES ON CENTER ALONG THE LENGTH.
 - 2) COORDINATE INSTALLATION OF SLAB LEVELING MATERIAL WITHIN PERIMETER FRAME AREA AS NECESSARY TO ALIGN THE CRUSH LINE OF THE ENTRY MAT AND TOP OF RIGID GRATE WITH PERIMETER FRAME.
 - 3) INSTALL CARPET ENTRY MATS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. PLACE CARPET ENTRY MAT TIGHT TO THE SUBSTRATE WITH A UNIFORM APPEARANCE FREE OF WRINKLES. TRIM AT PERIMETER EDGES FOR TIGHT BUTT FIT TO FRAME.
 - 4) INSTALL RIGID GRATES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. TRIM AT PERIMETER EDGES FOR PERPENDICULAR FIT TO FRAME.

DIVISION 13 – SPECIAL CONSTRUCTION
NOT USED

DIVISION 14 – CONVEYING SYSTEMS

144216 - VERTICAL WHEELCHAIR LIFTS

1. GENERAL
 - A. SECTION INCLUDES: COMMERCIAL VERTICAL WHEELCHAIR LIFT.
 - B. SUBMITTALS:
 - 1) SUBMIT COMPLETE MANUFACTURER'S PRODUCT DATA.
 - 2) SHOP DRAWINGS: INDICATE ADJACENT CONSTRUCTION, ANCHORAGE DETAILS, ELECTRICAL CONNECTIONS, AND PROVISIONS FOR CONTROL CONNECTION.
 - 3) SUBMIT COMPLETE MAINTENANCE AND OPERATION MANUALS IN ACCORDANCE WITH 017700.
 - C. QUALITY ASSURANCE:
 - 1) INSTALLER QUALIFICATIONS: MANUFACTURER AUTHORIZED DEALER.
 - 2) REGULATORY REQUIREMENTS: CONFORM WITH THE FOLLOWING:
 - A) NFPA 70.
 - B) AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A17.1 - SAFETY CODE FOR ELEVATORS AND ESCALATORS.
 - C) AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A18.1 - SAFETY STANDARD FOR PLATFORM AND STAIRWAY CHAIR LIFTS.
 - D) AMERICANS WITH DISABILITIES ACT (ADA)
 - E) ALL COMPONENTS SHALL BE UL LISTED.
 - D. WARRANTY: FURNISH MANUFACTURER'S STANDARD 3 YEAR WARRANTY.
2. PRODUCTS
 - A. MANUFACTURER: SAVARIA (BRAMPTON, ON, CANADA; 800-661-5112; WWW.SAVARIA.COM).
 - B. VERTICAL PLATFORM LIFTS: SAVARIA "PRESTIGE FRAMELESS (V-1504 PRESTIGE)".
 - 1) CAPACITY: 750 LBS RATED LOAD
 - 2) MAXIMUM TRAVEL DISTANCE: 23 FEET.
 - 3) PLATFORM SIZE: 36 INCHES X 54 INCHES.
 - 4) SPEED: 20 FPM
 - 5) LIFT HEIGHT: AS INDICATED ON THE DRAWINGS
 - 6) CAR ACCESS CONFIGURATIONS: STRAIGHT THROUGH ENTER/EXIT
 - 7) POWER SUPPLY: 110 VOLT, 20 AMP, SINGLE PHASE, 60 HZ
 - 8) DRIVE SYSTEM: 2:1 ROLLER CHAIN, HYDRAULIC
 - 9) MOTOR PUMP: 3 HP, GEAR-TYPE
 - 10) CONTROLLER: RELAY LOGIC
 - 11) EMERGENCY OPERATION: BATTERY-OPERATED LOWERING WITH AUTOMATIC RECHARGING SYSTEM, PLUS REMOTE ACCESS MANUAL LOWERING VALVE
 - 12) BATTERY BACKUP: PROVIDE BATTERY BACK-UP OPERATING SYSTEM TO ALLOW FULL FUNCTIONALITY OF THE LIFT IN EMERGENCIES.
 - 13) FINISH:
 - A) MANUFACTURERS FRAMELESS STRUCTURAL TEMPERED GLASS ENCLOSURE WITH NO VISIBLE FRAME.
 - B) PROVIDE GLASS DOORS AT FRONT AND REAR OF THE LIFT PIT, INTERLOCKED WITH OPERATION OF THE LIFT.
3. EXECUTION
 - A. EXAMINATION:
 - 1) PRIOR TO STARTING WORK, CAREFULLY INSPECT INSTALLED WORK OF OTHER TRADES AND VERIFY THAT SUCH WORK IS COMPLETE TO THE POINT WHERE WORK OF THIS SECTION MAY PROPERLY COMMENCE. NOTIFY THE ARCHITECT IN WRITING OF CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK.
 - 2) DO NOT BEGIN INSTALLATION UNTIL ALL UNSATISFACTORY CONDITIONS ARE RESOLVED. BEGINNING WORK CONSTITUTES ACCEPTANCE OF SITE CONDITIONS AND RESPONSIBILITY FOR DEFECTIVE INSTALLATION CAUSED BY PRIOR OBSERVABLE CONDITIONS.
 - B. INSTALLATION
 - 1) INSTALL EACH SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED RECOMMENDATIONS, THE APPROVED SHOP DRAWINGS, AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND SAFETY REGULATIONS.
 - 2) COORDINATE INSTALLATION OF RELATED COMPONENTS TO RECEIVE INSTALLATION WHEELCHAIR LIFT.

- C. DEMONSTRATION:
- 1) UPON COMPLETION OF THE INSTALLATION AND AT A TIME CONVENIENT TO THE OWNER, FURNISH THE SERVICES OF A TRAINED REPRESENTATIVE TO INSTRUCT THE OWNER'S PERSONNEL IN MAINTENANCE AND TROUBLE-SHOOTING OF EQUIPMENT.

DIVISION 21 – FIRE SUPPRESSION

210033 - DESIGN-BUILD FIRE SUPPRESSION

1. FIRE PROTECTION SYSTEMS ARE DESIGN/BUILD, AND SHALL CONFORM TO THE REQUIREMENTS OF THE JURISDICTIONAL CODE AUTHORITIES, AND REQUIREMENTS OF THE LANDLORD.
2. SPRINKLER HEADS IN RETAIL SALES AREA CEILINGS SHALL BE THE FULLY-CONCEALED TYPE, FINISHED TO MATCH THE CEILING THEY ARE INSTALLED IN. SPRINKLER HEADS IN THE REMAINDER OF THE STORE SHALL BE EITHER CONCEALED OR SEMI-RECESSED, CHROME FINISH WITH WHITE TRIM.
3. FIRE PROTECTION SUBCONTRACTOR SHALL FURNISH STAMPED, SIGNED SHOP DRAWINGS OF THE SPRINKLER SYSTEM PREPARED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE WHERE THE PROJECT IS LOCATED.
4. SUBMIT APPROVED SHOP DRAWINGS FOR LOCAL BUILDING DEPARTMENT AND FIRE MARSHAL REVIEW AND APPROVAL, AS SUBMITTAL FOR PERMIT, AS REQUIRED.

DIVISION 22 - PLUMBING

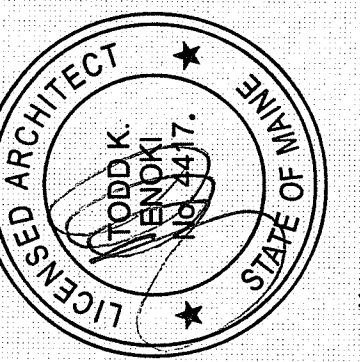
SEE APPROPRIATE PLUMBING DRAWINGS FOR PLUMBING SPECIFICATIONS.

DIVISION 23 – HEATING, VENTILATING, AND AIR CONDITIONING

SEE APPROPRIATE MECHANICAL DRAWINGS FOR MECHANICAL SPECIFICATIONS.

DIVISION 26 - ELECTRICAL

SEE APPROPRIATE ELECTRICAL DRAWINGS FOR ELECTRICAL SPECIFICATIONS.



JUN 12 2017

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A DESIGN CONSULTANCY OF ARCADIS
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PROJECT #006-160335.00

ISSUED / REVISED	DATE
PRELIMINARY SET	09/08/16
LL COORDINATION SET	11/08/16
LL/PERMIT SET	11/21/16
HP REVIEW SET	01/11/17
BID SET	01/26/17
PERMIT CORRECTIONS	03/22/17
PERMIT CORRECTIONS-2	04/06/17
PERMIT ADDENDUM	05/05/17
HP REVIEW	05/24/17
PERMIT ADDENDUM 2	06/15/17

SPECIFICATIONS

A-907