# UNIVERSITY OF MISSOURI - ST. LOUIS

## EXPRESS SCRIPTS HALL - ELEVATOR REPLACEMENT - UNIVERSITY PROJECT #S7764

### PROJECT DATA

2018 INTERNATIONAL BUILDING CODE (AS AMENDED) 2018 INTERNATIONAL EXISTING BUILDING CODE 2009 INTERNATIONAL PROPERTY MAINTENANCE CODE 2018 INTERNATIONAL MECHANICAL CODE 2009 INTERNATIONAL ENERGY CONSERVATION CODE WITH 2004 SUPPLEMENT 2009 UNIFORM PLUMBING CODE 2018 INTERNATIONAL FUEL GAS CODE 2017 NATIONAL ELECTRIC CODE 2003 ICC/ANSI A117.1

2010 ADA GUIDELINES NFPA 10 STANDARD FOR PORTAL FIRE EXTINGUISHERS NFPA 72 NATIONAL FIRE ALARM AND SIGNAL CODE (2016) NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENING NFPA 90A STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATION (2015) NFPA 110 STANDARD FOR EMERGENCY STANDBY POWER

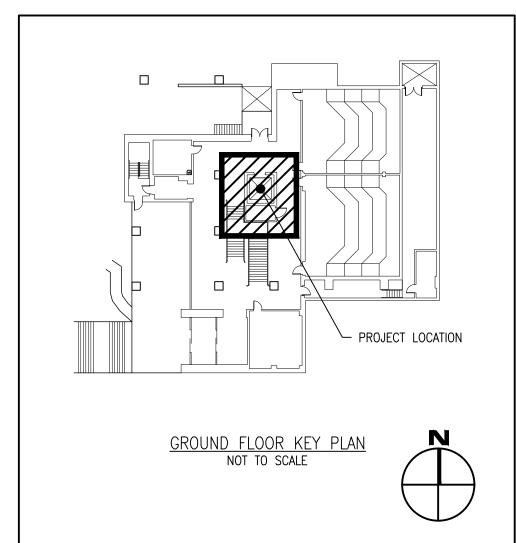
NFPA 220 STANDARD ON TYPES OF BUILDING CONSTRUCTION

NFPA 241 STANDARD FOR SAFEGUARDING

CONSTRUCTION/ALTERATION AND DEMOLITION OPERATION USE GROUP: CONSTRUCTION TYPE: 2B, NON-COMBUSTIBLE IBC

BUILDING CODE:

	SHEET INDEX	
ARCHITECTURAL		
A0.0	PRODUCT DATA, SHEET INDEX	
A1.0	DEMOLITION PLAN, FLOOR PLAN, NOTES	
ELECTRICAL		
E1.0	ELECTRICAL LEGEND, NOTES AND SCHEDULES	
E2.0	ELECTRICAL PLANS	
MECHANICAL		
M1.0	MECHANICAL LEGEND, NOTES, DETAILS AND SCHEDULES	
M2.0	MECHANICAL PLANS	



MO Licence No: A-005463

Expires: 12/31/2020

Archima

UNIVERSITY OF MISSOURI ST. LOUIS

EXPRESS SCRIPTS HALL

1 UNIVERSITY BLVD

ST. LOUIS, MO. 63121

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"I HEREBY CERTIFY THESE DRAWINGS AND/OR SPECIFICATIONS HAVE BEEN PREPARED FOR ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE DRAWINGS AND/OR SPECIFICATIONS ARE AS REQUIRED BY AND IN COMPLIANCE WITH THE BUILDING CODES OF THE UNIVERSITY OF MISSOURI."

- 4000 ID • NEW MICROPROCESSOR CONTROLLER. NEW MACHINE AND HOISTERY WIRING. • NEW HYDRAULIC POWER UNIT WITH SUBMERSIBLE MOTOR. RETAIN EXISTING DIRECT DRIVE JACK UNIT. PROVIDE NEW SOLID STATE STARTER.
- RETAIN SIDE OPENING DOOR. • RETAIN ENTRANCE FRAME, HEADER, STRUTS HANGER, PANELS TRACK AND SILL. • RETAIN CAR STRUCTURE. INSTALL NEW TOP OF CAR RAILING ON LEFT SIDE OF
- CAR DUE TO FALL HAZARD OF MORE THAN 12". RETAIN EXISTING CAR ENCLOSURE AND PROVIDE NEW STAINLESS STEEL DOOR PANELS, NEW WALL PANELS, NEW SUSPENDED CEILING WITH LED LIGHTING ABOVE, NEW HANDRAILS, NEW STAINLESS STEEL BASE AND NEW CAR FLOORING, NEW CONSTRUCTION PADS AND HOOKS.
- PROVIDE NEW CAR CONTROL STATION, NEW DIGITAL CAR POSITION INDICATOR IN HEAD JAMB, NEW HALL LANTERN, HALL PUSH BUTTON STATIONS, HALL POSITION INDICATOR. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.

### FLOOR PLAN GENERAL NOTES

- THE GENERAL CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND DIMENSIONS AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES THAT
- ALL DIMENSIONS ARE TO THE FINISH FACE OF NEW WALLS AND TO THE EXISTING FACE OF EXISTING INTERIOR AND PERIMETER WALLS TO REMAIN UNLESS NOTED OTHERWISE.

MAY AFFECT THE WORK PRIOR TO COMMENCING CONSTRUCTION.

- 3. PATCH, LEVEL AND/OR FEATHER THE EXISTING FLOOR SUCH THAT THE NEW FLOOR IS LEVEL AND ALL TRANSITIONS ARE LEVEL AND SMOOTH.
- MAINTAIN ALL NECESSARY COMMUNICATIONS AND FIRE PROTECTION SYSTEMS, EXISTING REQUIRED EXITS, EXIT CORRIDORS AND ITEMS AFFECTING THE HEALTH AND SAFETY OF ALL OCCUPANTS AT ALL TIMES DURING THE CONSTRUCTION
- 5. SEE ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL WORK.
- 6. CONSTRUCTION TO BE IN STRICT ACCORDANCE WITH ALL APPLICABLE BUILDING CODES, LOCAL RULES AND REGULATIONS, AND ALL OTHER CODES, REGULATIONS AND GOVERNING AGENCIES HAVING JURISDICTION WITH ALL APPLICABLE AMENDMENTS UNLESS ALTERED OR CHANGED THROUGH VARIANCES OF OTHER LEGAL PROCEDURES.
- ALL TRADES SHALL BE RESPONSIBLE TO READ ALL DRAWINGS, DETAILS AND PLANS ASSOCIATED WITH ALL PACKAGES INCLUDING ARCHITECTURAL, MECHANICAL AND ELECTRICAL ASSOCIATED WITH THIS PROJECT TO ENSURE PROPER COORDINATION. IF ANY CONFLICTS EXIST, THAT TRADE SHALL NOTIFY THE CONTRACTOR OF THE SAME PRIOR TO CONSTRUCTION WHO SHALL IN TURN NOTIFY THE G.C.

**FLOOR PLAN KEYNOTES** 

1 PATCH EXISTING CONCRETE FLOOR. CHEMICALLY CLEAN AND REFINISH.

PROVIDE AND INSTALL NEW METAL PIT LADDER WITH HAND GRIPS 48" ABOVE HOIST WAY ACCESS DOOR SILL. LADDER RINGS SHALL BE 16" WIDE AND SPACED 12" ON CENTER. PROVIDE CLEAR DISTANCE OF NOT LESS THAN 4-1/2" FROM RING CENTERLINE TO HOIST WAY WALL. LOCATE ON THE INTERLOCK SIDE OF ELEVATOR. COORDINATE INSTALL

INSTALL 2 HOUR MINERAL WOOL BEHIND ALL THRU SIGNAL FIXTURES AND

SAND, PREP AND ELECTROSTATIC PAINT ELEVATOR FRAMES AND DOORS

COORDINATE LOCATIONS OF CONSTRUCTION BARRIERS/WALLS WITH

PATCH EXISTING WALLS TO A LEVEL 4 FINISH. PAINT.

WITH ELEVATOR INSTALLER. SEE DETAIL THIS SHEET.

INFILLING THE EXISTING VOIDS AT HOIST WAY DOOR JAMBS.

SEAL AROUND ALL WALL PENETRATIONS WITH FIRE CAULK.

TYPICAL ALL FLOORS OF BUILDING - (5) FLOORS.

MARK NUMBER DESCRIPTION

#### COORDINATE ALL DEMOLITION AND NEW CONSTRUCTION BEFORE BEGINNING

**DEMOLITION GENERAL NOTES** 

- WORK. SUBMIT PROPOSED WORK SCHEDULE TO OWNER FOR APPROVAL.
- . SCHEDULE ACCESS TIMES TO WORK WITH OWNER. COORDINATE TIMES FOR DELIVERY OF MATERIALS AND REMOVAL OF DEBRIS WITH OWNER.
- RESTRICT WORK IN BUILDING INTERIOR TO AREAS INDICATED ON PLAN. PROTECT ADJACENT AREAS FROM DUST, DIRT AND NOISE. PROTECT EXISTING FINISHES AND REPAIR ANY DAMAGE INCURRED DURING THE COURSE OF
- CONSTRUCTION TO MATCH EXISTING CONDITION. ALL EXISTING FINISHES AND FIXTURES OUTSIDE OF DESIGNATED WORK AREAS

ARE TO REMAIN EXCEPT FOR REMOVAL OR CUTTING AS MAY BE REQUIRED TO

- ACCOMODATE NEW WORK. CARE IS TO BE EXERCISED IN DEMOLITION OPERATIONS. EXISTING SURFACES TO REMAIN SHALL BE PROTECTED. ANY DAMAGE INCURRED AS A RESULT OF CARELESS INSTALLATION OF NEW WORK SHALL BE CONTRACTORS RESPONSIBILITY. CONTRACTOR SHALL BEAR THE COST OF REPAIRING SUCH
- REFER TO MECHANICAL & ELECTRICAL DESIGN—BUILD DRAWINGS FOR ADDITIONAL INFORMATION.
- REMOVE FLOOR FINISHES ENTIRELY WHERE NOTED. CLEAN SLAB AND PREPARE TO RECEIVE NEW FLOORING.
- ALL OPENINGS IN WALLS, FLOORS, AND CEILINGS RESULTING FROM EQUIPMENT AND/OR PIPE REMOVAL SHALL BE INFILLED TO MATCH EXISTING SURROUNDING WALLS, FLOOR & CEILINGS AND TO MAINTAIN ANY APPLICABLE FIRE RATING

### **DEMOLITION KEYNOTES**

### MARK NUMBER DESCRIPTION

- REMOVE ALL EXISTING ELEVATOR EQUIPMENT FROM EXISTING EQUIPMENT
  - REMOVE THE EXISTING PIT LADDER.
  - EXISTING ELEVATOR EQUIPMENT REINSTALL/REWORK AND INSTALL OF ALL NEW WORK BY ELEVATOR CONTRACTOR.

### **ROOM FINISH TAG**

WALL FINISH F-X
FLOOR FINISH F-X BASE FINISH F-X

EACH ROOM SHALL HAVE A ROOM FINISH TAG. SEE FLOOR FINISH PLAN. REFER TO INTERIOR FINISH GENERAL NOTES FOR CASEWORK AND CEILING FINISHES.

### **INTERIOR FINISH GENERAL NOTES**

1 INTERIOR FINISH MATERIALS SHALL COMPLY WITH THE FLAME SPREAD &

### NUMBER DESCRIPTION

- SMOKE DEVELOPMENT LIMITATION USED IN CHAPTER 8 OF THE IBC. 2 ALL INTERIOR WALL COVERING MUST COMPLY WITH THE FOLLOWING: CLASS 1, FLAME SPREAD RATING 0-25 ASTM-E-84 PER FINISH SHEET.
- 3 ALL WALLS TO BE PAINTED P1 AND ALL DOORFRAMES TO BE PAINTED AS REQUIRED, UNLESS NOTED OTHERWISE. REFER TO FLOOR FINISH PLAN FOR ACCENT PAINT LOCATIONS. ALL PAINTED SURFACES TO RECEIVE (1) PRIME COAT AND (2) FINISH COATS PER PAINT COLOR, DARKER ACCENT COLORS TO RECEIVE (3-4) FINISH COATS FOR OPTIMAL COVERAGE.
- 4 G.C. TO SUBMIT ALL FINISHES IN MATERIAL SAMPLE FORM TO DESIGNER FOR APPROVAL PRIOR TO ORDER OF MATERIALS — NO INTERNET OR COPY FORM SUBMITTALS OF MATERIALS WILL BE APPROVED.

### FINISH SCHEDULE

RESILIENT TILE MFGR: MILLIKEN COMMERCIAL STYLE: POLISHED CONCRETE - TO BE VERIFIED BY OWNER COLOR: POL144 SCORING - TO BE VERIFIED BY OWNER

CONTACT: JUSTIN ALBERT 314.698.8995

STYLE: 36" X 36"

PAINT		
P2	ELEVATOR DOOR/FRAME PAINT MFGR: SHERWIN WILLIAMS STYLE: PRO INDUSTRIAL WATERBASED CATALYZED EPOXY COLOR: TO MATCH EXISTING FINISH: SEMI-GLOSS NOTE: PRODUCT TO BE APPLIED BY HVLP SPRAYED ON TO DOORS AND FRAMES TO ACHIEVE SMOOTH FINISH. CONTACT: HANK MEINKING 314.281.7485	

\_\_\_\_ 3/4 x 2" RAILS ─ 4"x4"x5/16"x4" LONG TYPICAL 4 LOCATIONS SUPPLY AND INSTALL STL SAFETY LADDER RINGS, 3/4" AT 12" O.C., GALV. < 3"x3"x3/4"x2" -/ ALL LADDER MTL TO BE GALVANIZED. PAINT SAFETY YELLOW COORDINATE LOCATION WITH ELEVATOR INSTALLER

A1.0 / SCALE: 3/4" = 1'-0"

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**EXPRESS SCRIPTS HALL GROUND FLOOR PLAN** 

SEE MECHANICAL PLANS FOR ROOF CONDENSING UNIT LOCATION AND ROOF SUPPORT. FLASH INTO EXISTING ROOFING. VERIFY WITH FACILITIES SO NOT TO JEOPARDIZE ANY WARRANTIES. SEAL AROUND NEW CONDENSING PIPING FROM PENETRATIONS TO MATCH 2 HOUR FLOOR SEPARATION.

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