ARCHITECTURAL PACKAGE

ALOFT MEMPHIS DOWNTOWN 63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

RENDERING

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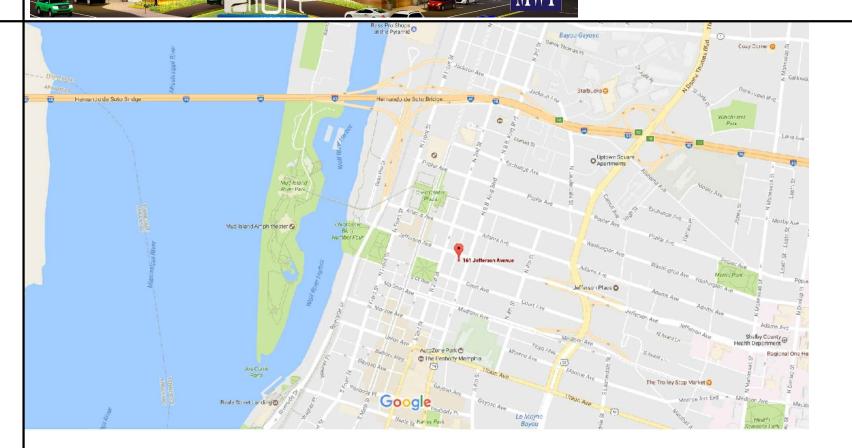
JAY VAGHELA

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CONTRACTOR

PROJECT



ARCHITECTURAL CONT.

BUILDING SECTION

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ENLARGED FLOOR PLAN - SERVICE LEVEL

MEETING RMs / GUEST RMs / RESTROOM

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ENLARGED ROOM #3 FLOOR PLAN & DETAILS

ENLARGED ROOM #4 FLOOR PLAN & DETAILS

ENLARGED ROOM #5 FLOOR PLAN & DETAILS

ENLARGED ROOM #6 FLOOR PLAN & DETAILS

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ENLARGED SUITE #1 ELEVATION & DETAILS

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ENLARGED 2nd FLOOR PLAN -

ENLARGED 2nd FLOOR PLAN -

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NOT USED

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ROOM KEY PLAN

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ENLARGED 1st FLOOR PLAN - LOBBY

ATRIUM / ROOF TOP EVENT SPACE

RE-FUEL/WXYZ BAR

VICINITY MAP



JAMES DARRIN WILLIAMS, R.A. 836 GARBOW COURT CHARLOTTE, NC 28270

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HOTEL & RESORT DESIGNER

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UNDER SEPARATE COVER GENERAL NOTES

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UL ASSEMBLIES

UL ASSEMBLIES

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NOT USED

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UNDER SEPARATE COVER

ARCHITECTURE

URBAN PLANNING

INTERIORS

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BSUED FOR BID (ID ONL)

FOR FINAL APPROVAL

RE-ISSUED FOR PERMI REV. DETAILS ON A700.2

I REV. 90% REVIEW

IT IS A VIOLATION OF THE LAW FOR ANY DIRECTION OF THE ARCHITECT, TO ALTER O REPRODUCE THESE DRAWINGS IN ANY WAY

> **ALOFT MEMPHIS DOWNTOWN**

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

CHKD. BY: MWT

COVER SHEET

G000SHEET

PSE DESIGN 1000 HILLCREST RD. SUITE 110 MOBILE, AL 36695

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PME ENGINEER OF RECORD

S 2.12 WALL SECTIONS RETAIL BLDG. 2nd FLOOR & ROOF FRAMING PLANS A468 WALL SECTIONS @ RETAIL BLDG S 4.1 STAGE & WALL SECTION A470.1 WALL SECTION & PORTE COCHERE A470.2 REPAIR DETAILS @ HOTEL A470.3 S 5.1 REPAIR DETAILS @ HOTEL FLOORS A470.4 S 5.2 REPAIR DETAILS @ HOTEL COLUMNS A470.5 S 5.3 REPAIR DETAILS @CONCRETE BEAMS @ HOTEL ARCHITECTURAL A470.6 A470.7 CONCEPT SITE PLAN SERVICE LEVEL FLOOR PLAN 1st FLOOR PLAN 2nd FLOOR PLAN TYPICAL GUEST ROOM FLOOR PLAN A104 SUITE LEVEL FLOOR PLAN A110 **ROOF PLAN** REFLECTED CEILING PLAN - BASEMENT A121 1st FLOOR REFLECTED CEILING PLAN A122 2nd FLOOR REFLECTED CEILING PLAN TYPICAL GUESTROOM FLOOR REFLECTED **CEILING PLAN**

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ALL EQUIPMENT SHOWN ON LD & FS DRAWINGS ARE PER PROTOTYPE. G.C. TO COORDINATE ALL PRESENTED INFORMATION AND EQUIPMENT REQUIREMENTS WITH FIELD CONDITIONS AND BUILDING UTILITY LOCATIONS, G.C. SHALL SUBMIT EQUIPMENT PACKAGES FOR FINAL APPROVALS PRIOR TO PLACING ANY ORDERS. G.C. SHALL PROVIDE FOR PROPER INSTALLATION OF ALL EQUIPMENT, INCLUDING COMPLIANCE WITH LOCAL JURISDICTION REQUIREMENTS AND INSPECTIONS.

CONTRACTOR'S SHALL SUPPLY ARCHITECT WITH THEIR DESIGN-BUILD SOLUTIONS FOR RECORD IF THE ACTUAL INSTALLATION REQUIREMENTS ARE DIFFERENT FROM THOSE SHOWN IN IN THE CONSTRUCTION DOCUMENTS.

MPE PACKAGE

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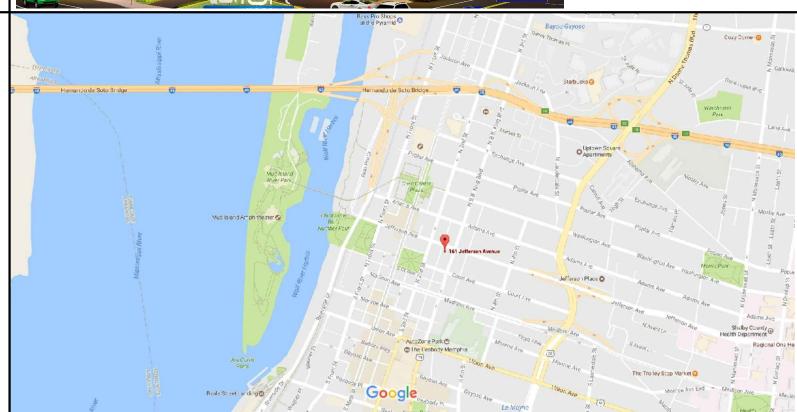
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CONTRACTOR



VICINITY MAP



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HOTEL & RESORT DESIGNER

DRAWING INDEX

COVER SHEET

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URBAN PLANNING PUMP ROOM + NOTES **INTERIORS** HOTELS/ HOUSING/ MIXED USE

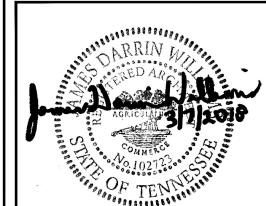
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ARCHITECTURE

FOR FINAL APPROVA

RE-ISSUED FOR PERMI REV. DETAILS ON A700.2

I REV. 90% REVIEW



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> **ALOFT MEMPHIS DOWNTOWN**

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017

CHKD. BY: MWT

COVER SHEET

DRAWN BY: RS, BS, MV,AN

SHEET **G**000.1

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PME ENGINEER OF RECORD

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P5.2

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> PLUMBING DETAILS PLUMBING SITE PLAN DOMESTIC WATER TYPICAL GUESTROOM DOMESTIC WATER TYPICAL GUESTROOM DOMESTIC WATER TYPICAL GUESTROOM

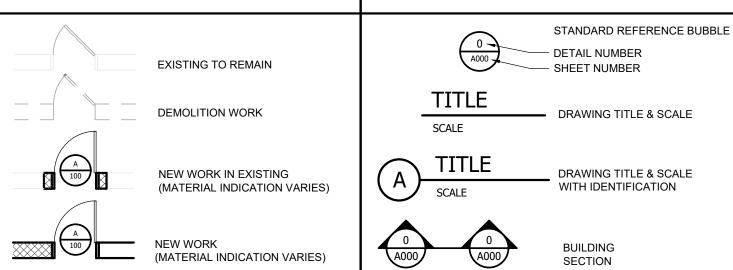
- 1. AUTOMATIC SPRINKLER PROTECTION IS REQUIRED. CONTRACTOR TO PROVIDE LAYOUT AND THE MINIMUM REQUIREMENTS FOR THE DESIGN AND INSTALLATION OF AUTOMATIC FIRE SPRINKLER SYSTEM AND EXPOSURE PROTECTION SPRINKLER SYSTEMS, INCLUDING THE CHARACTER AND ADEQUACY OF WATER SUPPLIES AND THE SELECTION OF SPRINKLERS, PIPING, VALVES AND ALL OTHER MATERIALS AND ACCESSORIES IN ACCORDANCE WITH NFPA 13 AND STATE AND LOCAL BUILDING CODES.
- 2. ROOM IDENTIFICATION AND INTERIOR SIGNAGE BY OWNER, SIGNAGE SHALL COMPLY WITH ADA REQUIREMENTS.
- 3. CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS PER CODE, INCLUDING NFPA 10, AND AS DIRECTED BY THE LOCAL FIRE DEPARTMENT THROUGHOUT BUILDING. FIRE EXTINGUISHER CABINETS SHALL NOT PROJECT MORE THAN 4" BEYOND THE FACE OF THE WALL. RECESSED FIRE EXTINGUISHER CABINETS IN FIRE RATED WALLS SHALL HAVE THE SAME FIRE RATING AS THE WALL.
- 4. SEE SHEET A700, FOR WALL TYPES.
- 5. DIMENSIONS TO EXTERIOR WALLS ARE ASSUMED FACE OF FOUNDATION WALL UNLESS OTHERWISE NOTED. ALL INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF FINISH WALL ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING, UNLESS OTHERWISE NOTED.
- 6. CONTRACTOR IS TO VERIFY ALL DIMENSIONS PRIOR TO THE START OF CONSTRUCTION AND NOTIFY ARCHITECT OF ANY DIFFERENCES PRIOR TO BEGINNING OF CONSTRUCTION.
- 7. BEFORE SUBMITTING BID, EXAMINE ALL DRAWINGS RELATED TO THE WORK, BECOME FULLY INFORMED AS TO THE EXTENT AND CHARACTER OF THE WORK OF ALL TRADES AND ITS RELATION TO THE WORK UNDER THE CONTRACT. NO CONSIDERATION WILL BE GIVEN FOR ALLEGED MISUNDERSTANDING OF THE MATERIALS TO BE FURNISHED OR THE WORK TO BE DONE.
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE TO VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID.
- 9. CONTRACTOR SHALL REVIEW AND SUBMIT SHOP DRAWINGS SUFFICIENTLY IN ADVANCE OF THE WORK TO ALLOW PROPER TIME FOR REVIEW. MATERIALS SHALL NOT BE FABRICATED OR DELIVERED TO THE SITE BEFORE THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- 10. ALL SUBSTITUTE MANUFACTURERS, EQUIPMENT, MATERIALS AND PRODUCTS SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR ALL ASSOCIATED COSTS TO ANY AND ALL BUILDING COMPONENTS THAT ARE AFFECTED BY THE SUBSTITUTIONS. ADDITIONAL COSTS INCLUDE ANY REDESIGN THAT IS REQUIRED DUE TO THE SUBSTITUTION.
- 11. DO NOT SCALE DRAWINGS, THE DIMENSIONS SHOWN ON THE PLANS MAY VARY FROM THE ACTUAL DIMENSIONS IN THE FIELD. IT IS, THEREFORE, IMPERATIVE THAT THE CONTRACTOR, PRIOR TO COMMENCEMENT OF WORK, TAKE EXACT MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND SHOP DRAWINGS. ALL WORKING DRAWINGS PREPARED BY THE CONTRACTOR SHALL INCLUDE A STATEMENT CERTIFYING THAT THOSE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE FIELD MEASURED DIMENSIONS.
- 12. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ARCHITECT WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH THE DOCUMENTS. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING FROM SUCH FAILURE AND COORDINATE DISCREPANCIES TO THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.
- 13. THE LOCATION OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE DIAGRAMMATIC. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED AT THE PROJECT AND SHALL HAVE THE APPROVAL OF THE OWNER'S REPRESENTATIVE BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FURNISH AND INSTALL, WITHOUT ADDITIONAL REMUNERATION, ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEMS IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE.,
- 14. DATA, COMMUNICATION, CABLE, AND SECURITY SYSTEMS ARE PROVIDED BY THE OWNER'S VENDORS. HOWEVER THE ELECTRICAL CONTRACTOR SHALL PROVIDE APPROPRIATE WALL BOXES, CONDUIT WITH PULL STRINGS, ETC. AS REQ'D. FOR ROUGH-IN CONDITIONS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATION OF THESE ITEMS WITH THE OWNER'S VENDORS. ADAAG COMPLIANCE SHALL APPLY.

- 15. MECHANICAL, ELECTRICAL, AND PLUMBING, ARE SCHEMATIC IN NATURE. THEREFORE. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE ROUTING OF THESE TRADES, AS WELL AS, THE OWNER'S WORK TO ASSURE THAT THESE SYSTEMS DO NOT CONFLICT WITH THE ARCHITECTURAL AND STRUCTURAL ELEMENTS OF THE BUILDING. IF THE GENERAL CONTRACTOR CANNOT ROUTE THESE ITEMS TO AVOID A CONFLICT, THEN THEY SHALL NOTIFY THE ARCHITECT PRIOR TO STARTING ANY RELATED
- 16. CONTRACTOR TO PROTECT ALL NEW WORK DURING CONSTRUCTION AND REPLACE DAMAGED MATERIAL IN KIND.
- 17. ALL GYPSUM WALL BOARD TO BE TAPED AND SANDED AT INTERSECTION OF CONSTRUCTION (NO "J" MOLD)
- 18. PROVIDE CORNER BEAD AT ALL EXPOSED GYPSUM WALL BOARD CORNERS.
- 19. DOOR OPENINGS SHALL BE LOCATED 4" FROM THE NEAREST FACE OF WALL IN METAL STUD CONSTRUCTION, UNLESS OTHERWISE NOTED.
- 20. DOOR OPENINGS SHALL BE LOCATED 4" FROM THE NEAREST FACE OF WALL IN MASONRY WALL CONSTRUCTION, UNLESS OTHERWISE NOTED.
- 21. CONTRACTOR SHALL PROVIDE ALL MATERIALS, FABICATION, LABOR AND SUPERVISION, ERECTION EQUIPMENT AND APPLIANCES REQUIRED TO INSTALL ALL EQUIPMENT SHOWN ON DRAWINGS AND AS INDICATED IN THE SPECIFICATIONS.
- 22. THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND PRODUCTS," UNLESS OTHERWISE NOTED.
- 23. CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OWNER SO THAT THERE IS NO INTERFERENCE WITH OWNER'S PERSONAL OR WORK SCHEDULE.
- 24. ALL WORK SHALL COMPLY WITH RULES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING JURISDICTION.
- 25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACT
- 26. SAFE WORKING CONDITIONS AND ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND/OR THE OWNER SHALL BE OBSERVED. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENTS SHALL APPLY. CARE MUST BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR THE STRUCTURE.
- 27. CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL DEBRIS FROM SITE AND LEAVE THE WORK AREA BROOM CLEAN ON A DAILY BASIS AND PROVIDE DUMPSTER SERVICE. PLACE DUMPSTERS AS DIRECTED BY THE "OWNER'S REPRESENTATIVE".
- 28. CONTRACTOR SHALL FURNISH ALL SCAFFOLDING, HOISTING EQUIPMENT AND ANY OTHER EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.
- 29. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE AGAINST DAMAGE TO EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL
- 30. THE CONTRACTOR SHALL BE RESPONIBLE FOR SECURING AND PAYING FOR ALL PERMITS AND APPROVALS NECESSARY FOR THE COMPLETION OF THE PROJECT.
- 31. ALL NEW MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LATEST WRITTEN INSTRUCTIONS AND SPECIFICATIONS.
- 32. THE CONTRACTOR SHALL COORDINATE ALL FINISHES AND COLOR SELECTIONS WITH
- 33. ALL FASTENERS INTO PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL AS RECOMMENDED BY MANUF.

MANAGING THE RISK OF MOLD

- 1. The contractor should have a plan for protecting materials from water damage during construction. The contractor should pay attention to the way it procures materials, schedules their delivery and then stores them, particularly on the construction site. The contractor may, for example, establish procedures for checking materials for any water damage before accepting their delivery. The contractor should also have procedures for keeping drywall, ceiling tiles, insulation and other porous materials dry and for dealing with any porous materials that do get wet. Such materials cannot be protected from ambient moisture but, once delivered; they can and should be protected from other sources of water.
- 2. The contractor should not permit new or additional work to cover or enclose any fireproofing, insulation or other porous materials that are clearly wet.
- 3. The contractor should also have some kind of protocol for dealing with any large and unexpected water intrusion into any completed portion of the building. Such a protocol must be presented to the client prior to the start of any work.
- 4. All Masonry systems are to have weeps that will allow any moisture that migrates to the inside of the masonry wall to drain out.
- 5. All glass and metal curtain wall systems should also have drainage weeps The difference in the amount of expansion and contraction between glass and aluminum in the same exposure to sun is significant.
- 6. All EIFS system is required to have a drain-board system that will allow trapped moisture to escape.
- 7. Site Conditions: The construction site and staging areas must be designed so that any water or rain water must flow away from the building and construction material. The civil plans must drain moisture and water away from the building after the contractor completes it. Important details include landscaping, backfill and soil compaction. Along with any induced moisture (from irrigation, or broken water or sewer pipes,
- or other sources), this naturally occurring moisture needs to have a way to drain off. If this is not evident on the plans, the GC must notify the architect or Civil Engineer immediately
- 8. Foundation Damp Proofing: The contractor also has to pay attention to any crawl space that has a dirt floor. To cut down on the transmission of moisture and other naturally occurring gases from such a floor, the design documents require the contractor to place an elastomeric, polypropylene or other plastic barrier over it (and then seal the covering to the lower walls)
- 9. The GC must not load or install any drywall or other porous or organic materials in the building before construction has reached the "controlled" phase;
- 10. Hang all drywall 3/4" from the finish floor, and use J bead and fire sealant to ensure the separation;
- 11. The owner must retain a third party to inspect and verify that the contractor has effectively sealed the building envelope;
- 12. Procedures for operating and maintaining the HVAC system in accordance with the current guidelines of the American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc. (ASHRAE), including procedures for maintaining the system.

Architectural Symbols



CMU WALL W/ METAL STUD WALL W/ WOOD STUD WALL

A 100 DOOR NUMBER (ROOM NO. W/ DOOR NO.) $\langle A \rangle$ WINDOW TYPE

> EQUIPMENT, FURNITURE, OR CASEWORK RELOCATED EQUIPMENT FURNITURE OR CASEWORK NUMBER

PARTITION TYPE

ROOF EXHAUST OR GRAVITY VENT HEATING/VENTILATING OR AC EQUIPT MASONRY CHIMNEY SCUTTLE SKYLIGHT HOT FLUE PLUMBING VENT _____ SCUPPER GUTTER

ROOF DRAIN IN NEW LOCATION OVERFLOW ROOF DRAIN ROOF DRAIN REPLACING EXISTING

EXISTING ROOF DRAIN EXISTING ROOF DRAIN TO BE REMOVED

DRAWING TITLE & SCALE DRAWING TITLE & SCALE WITH IDENTIFICATION BUILDING CMU & BRICK CAVITY WALL WALL SECTION GYPSUM BOARD PARTITION 0 A000 GYPSUM BOARD PARTITION **EXTERIOR ELEVATION** — OPERABLE PARTITION **ELEVATION**

Standard Symbols

INTERIOR

ELEVATION

DETAIL

FOOTAGE

NORTH ARROW

COLUMN BUBBLE

CENTERLINE

INSULATION (LOOSE OR

PLASTER, CEMENT

GRAVEL

CONCRETE

CERAMIC TILE

ACOUSTICAL PANEL

CONCRETE MASONRY UNIT

GROUT, GYPSUM WALI

CONTRACTOR CONTRACTOR

555555555555

ROOMNAME, NUMBER & SQ.

ROOF SYMBOLS

PARAPET WALL

EJ ROOF EXPANSION JOINT REFLECTED CEILING SYMBOLS BOTTOM OF CEILING A.F.F. CEILING GRILLE

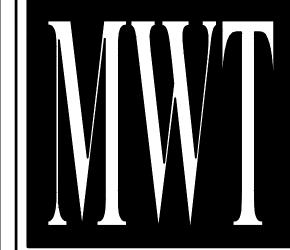
CEILING DIFFUSER 2 x 4 FIXTURE IN 2 X 2 PATTERN LINEAR DIFFUSER RECESSED DOWNLIGHT RECESSED WALLWASHER WALL MOUNTED LIGHT FIXTURE

SURFACE MOUNTED OR PENDANT INCANDESCENT FIXTURE 1' X 4' FLUORESCENT LIGHT FIXTURE 2' X 2' PARABOLIC FLUORESCENT

LIGHT FIXTURE

VARNISH VINYL ASBESTOS TILE

ELEVATION IN RELATION TO BENCHMARK DRAWING REVISION NUMBER EARTH **ROUGH WOOD** RIGID INSULATION RESILIENT **ARCHITECTURE** FLOORING PLYWOOD



SSUED FOR DEMOLITION

SSUED FOR BID (ID ONLY)

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL

SSUED FOR PERMIT

REV. 90% REVIEW

COMMENTS

RE-ISSUED FOR PERMIT

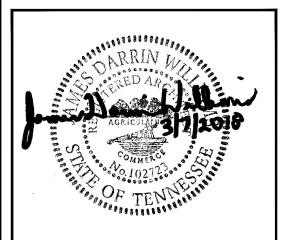
REV. DETAILS ON A700.2

106/09/17

106/04/18 AV

04/24/19

URBAN PLANNING INTERIORS HOTELS/ HOUSING/ MIXED USE 1800.630.3750 CA-SERVICES ca@mwtusa.com / 1800.717.5816



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER C REPRODUCE THESE DRAWINGS IN ANY WAY

DOWNTOWN

DATE: 8-4-2017

GENERAL NOTES. SYMBOLS & **ABBREVIATIONS**

Abbreviations

ANCHOR BOLT AIR CONDITIONING, ALTERNATING CURRENT ASPHALT COATED CORR. METAL PIPE ASBESTOS CONTAINING MATERIAL ACOUSTICAL CEILING TILE AIR CONDITIONING UNIT AMERICAN DISABILITIES ACT ACCESS DOOR
ARCH. EXPOSED STRUCTURAL STEEL
ABOVE FINISH FLOOR AIR INFILTRATION BARRIER AMPERE ANODIZED ACID NEUTRALIZATION TANK ACCESS PANEL ASPHALT ATMOSPHERIC VENT AUTOMATIC ACID VENT ACID VENT THRU ROOF BOILER BLOWDOWN BOTTOM OF CURB BACKDRAFT DAMPER SOTTOM GRILLE

BOTTOM OF DUCT BOTTOM OF STEEL BOTTOM BEARING PLATE

BOTTOM REGISTER

BEARING BRICK

BRONZE

BOTH SIDES, BOTTOM OF STAIR BASEMENT BACKSPLASH BENT BRITISH THERMAL UNITS BACK WATER CHECK VALVE CABINET
CABLE TELEVISION
CATCH BASIN, CIRCUIT BREAKER CHALKBOARD
CLOSED CIRCUIT TELEVISION
CEILING DIFFUSER CEMENT
CERAMIC
CUBIC FEET PER MINUTE
COLD FORMED METAL FRAMING
CERAMIC FLOOR TILE
CEILING GRILLE CABINET HEATER CEILING HUNG UNIT VENTILATOR CAST IRON
CAST IN PLACE
CIRCUMFERENCE CONTROL JOINT CENTER LINE CAULKING CONTRACT LIMIT LINE CLEAR (ING) CLEAR (ING)
CLASSROOM
CORRUGATED METAL PANEL
CERAMIC MOSAIC TILE
CONCRETE MASONRY UNIT
CLEAN OUT

CLEAN OUT DECK PLATE

CLEAN OUT WALL PLATE

COURSE (S) COUNTERSINK

COMBINATION COMPRESS (ED) (ION) (IBLE)

CONCRETE
CONDENSATE (HEATING AND VENTILATING)

CHLORINATED POLY VINYL CHLORIDE CEILING REGISTER

CASEMENT
COMPUTER TERMINAL, CERAMIC BASE TILE

CHILLED WATER SUPPLY CERAMIC WALL TILE DROP INLET, DUCTILE IRON DIAMETER DOWN
DITTO
DAMPPROOF (ING)
DAMPER
DOOR, DEEP RIB
DRAWING DOVETAIL ANCHOR
DETAIL
DUMBWAITER, DISHWASHER
DOWEL
DRAWER EXHAUST AIR, EACH ENTERING AIR TEMPERATURE EXPANSION BOLT ELECTRICAL CONTRACTOR

ELECTRIC (AL) ELEVATION, ELEVATOR

EDGE OF SLAB

ELECTRICAL METALLIC TUBING ENCLOSURE

EQUAL EQUIPMENT CONTRACTOR
EQUIPMENT
EXPOSED SURFACE
ELASTIC SHEET FLASHING

EXPANSION EXTERIOR, EXTERNAL

FIRE ALARM FRESH AIR INTAKE FAN COOLING UNIT FLOOR DRAIN, FIRE DAMPER FIRE DEPARTMENT CONNECT FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FLOOR, FACTORY FIN FINISH FLOOR ELEVATION FINISH FLOOR LINE FIRE HYDRANT FLUSH FLOOR DUCT FLEXIBLE FLASHING FLOOR (ING) FLUORÈSCÉN' LOOR MOUNTED FUEL OIL RETURN FUEL OIL SUPPLY FIRE RESISTANT COATIN FIBERGLASS REINFORCED PANE FIRE AND SMOKE DAMPER

ELASTIC SHEET MEMBRANI

ELECTRIC WATER COOLER

FIN TUBE RADIATION

GENERAL CONTRACT (OR)
GRADE CLEANOUT
GLAZED CONCRETE MASONRY UNIT

GALVANIZED GASKET (ED)

GROUND FACE GLASS, GLAZING

HOT/CHILLED RETURN HOT/CHILLED SUPPLY HEAVY DUTY
HIGH DENSITY POLYETHYLENE
HEADER HOLLOW METAL HORIZONTAL HORSEPOWER, HIGH PRESSURE HIGH PRESSURE LAMINATE HANDRAIL, HOUR HEIGHT HEATING/VENTILATING/AIR CONDITIONING HOT WATER HEATER HOT WATER SUPPL' HIGH VOLTAGE INSIDE DIAMETER INVERT ELEVATION INSULATE (D) (ION) INTERIOR JANITORS CLOSE JANITORS CLOSE JUNCTION BOX JANITORS CLOSE JUNCTION JOINT

LABORATORY LADDER

GRADE (ING), GLYCOL RETURN

GLYCOL SUPPLY

GYPSUM

GYPSUM WALL BOARD

LINEAR LOCKER LIVE LOAD LOW PRESSURE LOW POINT LIGHT LINTEL LOW VOLTAGE LOUVER LEAVING WATER TEMPERATURE MANUAL
MASONRY
MATERIAL
MAKE UP AIR UNIT
MAXIMUM
THOUSAND BTUH
MEMBER
MOTORIZED DAMPER MECHANICAL EQUIPMEN MOP RECEPTOR MTD MTG MTL MTH MTR MULL MVEJ METAL MARBLE THRESHOLD METER MULLION

NORMALLY CLOSED
NATIONAL ELECTRIC CODE

POUND LABEL LANDSCAPE CONTRACTOR (SITE) LEAD COATED COPPER LEADER LEVEL

LENGTH, LONG LARGE GROUP INSTRUCTION

LINEAR FOOT

PARTITION PLUMBING CONTRACT (OR) PRECAST CONCRETE
PORCELAIN ENAMEL
PERFORATE (ION) (ED)
PERIMETER PLATE, PROPERTY LINE PLUGMOLD PANEL POINT OF CURVATURE, POINT OF POSITIVE POINT OF TANGENCY POWER ROOF EXHAUSTER PREPARE (ATION) PROJECT
PAINT EXPOSED STRUCTURE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH POINT PRESSURE TREATED PRESERVATIVE PRESSURE TREATED FIRE RETARDANT POLYVINYL CHLORIDE POWER WALL EXHAUSTER QUARRY TILE RISER, RADIUS, RUBBER FLOORING RESILIENT BASE
REMOVE EXISTING & REPLACE WITH NEW

RETURN AIR FAN ROOFING CONTRACT (OR)

REINFORCED CONCRETE PIPE

RECYCLED CONCRETE AGGREGATE

NOMINAL NOISE REDUCTION COEFFICIENT

OVERALL, OUTSIDE AIR

OUTSIDE DIAMETER

OPENING

ROOM RUNNING TRAP ROOF TOP HOOD ROOF TOP UNIT SOUTH SUPPLY AIR SCHEDULE STRUCTURAL CLAY TILE SINK SOUND LINED, SKYLIGHT STORM LOUVER SANITARY MANHOLE SLAB ON GRADE STATIC PRESSURE, STANDPIPE SPECIFICATION (S) RETURN AIR

RIGID GALVANIZED STEEL RIGHT HAND REVOLUTIONS PER MINUTE RESILIENT SOUND ISOLATION CLIP SOUND ATTENUATION FIBERGLASS BATT SANITARY STORM DRAIN, SPLITTER DAMPER, SMOKE DAMPER STRUCTURAL GLAZED TILE SHELF, SHELVING, SMOKE HATCH

ROOF DRAIN RECEPTACLE REFERENCE REFLECT (ED) (IVE) (OR) REFRIGERATOR

REGISTER REINFORCE (D) (ING)

REVISION, REVISED

SPRINKLER

SUSPENDED SHEET VINYL SERVICE WEIGHT CAST IRON SWITCH, SOFTENED WATER SYMMETRICAL TREAD, TOP, TOILET ROOM, TERRAZZO
TOP AND BOTTOM
TACKBOARD, TO BE DETERMINED
TONGUE AND GROOVE
TEMPERATURE CONTROL, TEMPERED CLEAR, LECOMMUNICATIONS CONTRACTOR OP GRILLE TO MATCH EXISTING
THERMOSTATIC MIXING VALVE
TOP OF CURB TOP OF FASCIA TOP OF PIPE, TOP OF PIER TOP OF STEEL, TOP OF STAIR OP REGISTER EMPERED WATER. TOP OF WALL UNDERGROUND ELECTRIC NIT HEATER

UNFINISHED
UNLESS NOTED OTHERWISE

INDERGROUND TELEPHONE

VARIES, VARIABLE

TORM, STORAGE

VARIABLE AIR VOLUME
VACUUM BREAKER, VAPOR RETARDER BARRIER
VINYL COMPOSITE TILE HOWER TEMPERATURE CONTROLLER VERTICAL
VERIFY IN FIELD
VINYL
VITREOUS TILE
VENEER
VOLUME VENT THROUGH ROOF VINYL WALL COVERING WEST, WIDTH, WIDE, WASTE, WATT WALL HUNG, WALL HYDRAN WATER STOP WITHOUT

EXTRA HEAVY CAST IRON

SUBCONTRACTOR, AT THE OWNERS' DISCRETION

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT. YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.

YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL ND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORM. THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECL PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE

YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103 PROJECT NO.: 16 006 DRAWN BY: RS, BS, MV, AN CHKD. BY: MWT

Aloft Hotel - Memphis, Tennessee

Commercial & Multiple Dwelling Construction Checklist

2009 BUILDING CODE (IBC) 2008 NATIONAL ELECTRIC CODE (NEC) 2009 INTERNATIONAL MECHANICAL CODE (IMC)

Building: Aloft Hotel Location: 161 Jefferson Ave. Memphis, TN Date: Feb. 9, 2017 2009 INTERNATIONAL GAS CODE

2009 PLUMBING CODE (IPC) 2009 ENERGY CODE (IECC) 2009 AMERICAN NATIONAL STANDARD ICC A 117.1

2010 ANSI/ASME ELEVATOR CODE-A17.1 *ALL LOCAL AMENDMENTS

Project Description: Renovated existing12-story reinforced concrete constructed hotel, with a new 1-story metal framed penthouse suite for a total of 13 floors, sprinklered. A new 1-story addition metal framed retail space on the ground level, sprinklered.

Reviewer: Darrin Williams, RA

The project is located in the fire district. Appendix D is followed. Section D102.1 Excludes requirements of appendix Da for Buildings with construction type I.

No.	Topic	Code Section	Required or Allowed	Actual	Drawing No.
1	Occupancy	B-302	R1	R1	
2	Type of Construction	B-602	1A	1A*	A100-A104
	Fire Resistance	BC-Table 601			
	Structural Framing		3 hr	3 hr	A100-A104
	Bearing walls		3 hr	3 hr	
	Floors		2 hr	2 hr	
	Roof Construction		1.5 hr	1.5 hr	
6	Atriums Definition	BC-404 BC-404.1.1	Atrium	Atrium	
		BC-404.3	1	Provided	A101,
	Sprinkler Protection Smoke Control	BC-404.5	Required NR	NR***	A101, A102
	Enclosure	BC-404.6	1 hour	NR – sprinklered**	A 102
	Interior Finish	BC-404.8	Class B	Class B	
	Travel Distance	BC-404.9	< 200 ft.	< 200 ft.	
7	Basement Definition	BC-502.1	Basement	Basement	A100
8	Heights & Building Areas	50 002.1	Bassinsin	Bassmon	71.00
Ū	Maximum Tabular Area	BC-Table 503	UL	15,609 sf (2 nd floor)	G003.1
	Total Area Determination	BC-506.4	UL	136,633 sf	G003.1
	(Mixed Occupancies)	BC-506.5		(retail & basement	
		BC-506.5.2		excluded)	
	Maximum Tabular Height	BC-Table 503	UL	13 stories / 153'-9"	A200-A300

Aloft Hotel - Memphis, Tennessee

** Atrium separation is not required per 404.6 excep. #1 *** Smoke control, 405.5, exception; is not required since the atrium connects (2) stories

No.	Topic	Code Section	Required or Allowed	Actual	Drawing No.
+	Mixed Occupancy Non-separated uses	BC-506.5 BC-508.3	NA NA	Basement: B/S1 1 st flr: A2/A3/B 2 nd flr: A3/R1 Upper flrs: R1/S1	G003
	Separated uses Rating Required	BC-508.4 BC-Table 508.4	R1/M 1 hr	Provided 2 hr	
9	Frontage & Sprinkler Area Modifications (calc.)	BC-506.1	UL	NR	
	Height Modifications (Sprinkler increase)	BC-504.2	UL	NR	
10	Height & Area Summary Tabular Area Frontage Credit Sprinkler Credit	BC-Table 503 BC-506.2 BC-506.3	UL NR NR	NR	
11	Distance Separation	BC-Table 602	X<30' = 1 hr	16'-5" - PROVIDED	A050/A700.1
	Exterior Wall Openings	BC-Table 705.8	10' < 15' 75%	12'-6" (west) Provided	A050 A200-204
12	Fire Rated Construction Incidental Use Areas Accessory Occupancy Mixed Occupancy	BC-Table 509 BC-508.3.1 BC-508.2	Allowed NA Allowed	Sprinkler, separated NA Complies	G003.1
	Fire walls Fire Barrier	BC-706 BC-707	Required Required	Provided: stairwells Provided: R1/M	G003.1 G003.1
	Shaft Enclosure	BC-713	2 hr Elev & Stair	Provided, self closing doors	G003.1
	Fire Partition (Tenant Sep.)	BC-708	1 hr btwn units 1 hr at corridors	Provided walls, floor & susp. ceiling	G003.1
	Smoke Barriers	BC-709	NA		
	Opening Protectives	BC Table 716.5	Required	Provided	A600
	Concealed Spaces Fire Blocking	BC-718 BC-718.2	Required	Provided walls, Floor & susp. ceiling	Details
	Draft Stopping	BC-713.3	NR	NA	
13	Interior Finishes Wall and Ceiling	BC-Table 803.9	Class C except Class B in		FFE manual cut

Pg. 2

Aloft Hotel - Memphis, Tennessee

	Textiles	BC-803.5	exitways Class A (ASTM E84)	Complies	sheets
	Floor finishes	BC-804.4	Class 2 permitted		
14	Interior Environment Min. Rm. Dimensions Min. Ceiling Height	BC-1208.1 BC-1208.2	< 7'-0" 7'-6" min.	Complies 7'-10" min	See Floor Plar
15	Ventilation (Nat. or Mech.)	BC-1203	Either Required	Both provided	M dwgs
16	Light (Nat. or Mech.)	BC-1205	>/= 8% Required	Complies	A601
17	Exits				
	One Exit Permitted Emergency egress	BC Table 1015.1 BC-1029	NA NA	NA Provided	G003.1
	Distance of Travel	BC-Table 1016.2	R: 250'	Provided	G003
	Corridor Wall Fire Rating Corridor Width Doors	BC-Table 1018.1 BC 1018.2	.5 HR 44"	1 HR UL 344 60"	A100-A10 Floor Plar
	Door Size Door Swing	BC-1008.1.1 BC 1008.1.2	32" min. Direction of egress except	Complies Provided	G003.1/A6 Floor Plar
	Panic Hardware	BC-1008.1.10	unit access 50+ Occ type A, and exit path of travel	Assembly & Stairs Exit	A600.1
	Dead End Corridor	BC-1018.4	50' max	<50'	G003
18	<u>Stairs</u>				
	Riser	BC-1009.3	4"-7"	7" or less	A476
	Tread	BC-1009.3	11"	11"	A476
	Width	BC-1009.1	44"	complies	A476
	Headroom	BC-1009.5	80"	>80"	A476
	Vertical Rise	BC-1009.6	12'-0" max	complies	A476
10	Handrails	BC-1012	Required	Provided	A476
19	Structural	DC 4600 4 0	20 == 1 200 #		Structura
	Roof - live	BC-1603.1.2 BC Fig 1608.2	20 psf / 300 # 0	0	Drawings
	Snow Loading – Ground Drifting Snow	DO 1 19 1000.2	NA	NA	
	Ponding	BC-1611.2	Eval. for ponding	Sect. 8.4 of ASCE 7	
	Floor Loading	BC-Table 1603.1	40psf / 100psf	40psf / 100psf	
	Balcony Loading	BC-Table 1607.1	NA	NA	
	Wind Loading	BC-Table 1609A	Vult= 132 mph	Complies	
	Willia Loading	BC-Table 1609.3.1	Vasd=102 mph	Complies	
	Seismic Loading (calc.)	50 14510 1000.0.1	Vaca Toz IIIpii	Compiles	
	Foundation Depth	BC-1613	6"	Complies	
	Flood load	BC-1805.2	None	Per structural	
	1,000,1000	BC-1612.5		06/6/2000 #4803380030E	
20	Exterior Wall Coverings				
	Weather protection Exterior Finishes	BC-1403.2	Required NA	Complies NR over masonry	A200-A30
	Fire resistance	BC-1403.4	Required 5A	Compliance Ch. 7	
21	Swimming Pools	BC-3109	Required	Provided	A101/ID40

Pg. 3

REFER TO A601 FOR WINDOW DAYLIGHT

Aloft Hotel - Memphis, Tennessee

22	Sunrooms	BC Appendix 1	NA	NA	
23	Electrical				
	Exit Lights or Signs	BC-1011	Required	Complies	
	Emergency Lights	BC-1006.3	Required	Complies	Elect dwgs
	Emergency Power	BC-2702	Required	Battery	Elect dwgs
				<u>-</u>	
24	H/C Access			Exempt per local	
	Exempt Buildings	BC-1103.2		code	
	Parking	BC-Table 1106.1	6 Required	6 Provided	A050
	Route	BC-1104	Required	Complies	G003/G003
	Entrance	BC-1105.1	Required	Complies	Floor plans
	# of Dwelling Units	BC-Table- 1107.6.1.1	8 per table	22 provided	
	Toilet Facilities	BC-1109.2	Required	Provided	A401.0-402
	Supplemental H/C Req'mts	BC-1109.12	Required	Provided	G004
		Appendix E			
26.	Sprinkler System	BC-903	Required	NFPA 13	FP design
۷٠.	Opinikiei Gysteili	DO-903	i vedanea	MEEV 19	by others
	Water Source Sprinkler	BC-903.3.5	Required	Provided	A100
	Fire Command Center	FC-508.1	Required	Provided	A101
	The command conten		rtoquilou	11011404	7.101
	Fire Protection Equipment				
	Sprinkler Systems	FC-903	Required		FP desigr
	Extinguishing Systems	FC-904	NA	NA	by others
	Standpipe Systems	FC-905	NFPA 14	Provided	
	Fire Extinguishers	FC-906	Required	Provided	G003-003.
	Fire Alarm Systems	FC-907	Required	Complies	E dwgs
	Smoke Detection	FC-907	Required	Complies	E dwgs
	Hi-Rise Fire Safety	FC-907	Required	Provided	Lawys
	Visible Alarms	FC-907.2.12.2	Required	Provided	E dwgs
	Smoke control	FC-909	Required	Complies	E dwgs
	Smoke control	1 0 000	rtoquirou	Complico	Lawys
	Smoke Vents	FC-910	Required	Elevator shaft	
	Fire Pumps	FC-913	Required	Provided	FP design
	Kitchen Hood Extinguisher	FC-609.3	Required	Provided	by others
27.	Plumbing Code				1
		20711407			
	Fixture Count	PC-Table 407	Required	Complies	P dwgs
	Water Supply				
	Service Pipe Size	PC-603	Required	Complies	P dwgs
	Fixture Pipe Size	PC-603.1	Required	Complies	P dwgs
	Pipe Material	PC-Table 605.4	Required	Complies	P dwgs
	Labor Law Art. 10-A		Ν̈́Α	'	
	Pipe Insulation	See Energy Code	Required	Complies	P dwgs
	Lawn Irrigation	PC-608.16.5	Required	Complies	P dwgs
	Pipe Freezing	PC-305.6	Required	Complies	P dwgs
	Sanitary Drainage				
	Drain Pipe Size	PC-Table 709.1	Required	Complies	P dwgs
	Drain Pipe Material	PC-702	Required	Complies	P dwgs
	Vent Size	PC-Table 910.4	Required	- Jp.	,gc

Aloft Hotel - Memphis, Tennessee

	Pipe Hangers Air Admittance Valves	PC-Table 308.5 PC-917	Required Required	Complies Complies	P dwgs P dwgs
28	Mechanical Code Ventilation Rates Below Grade	MC-Table 403.3 MC-Chapter 13	Required NA	Complies	M dwgs
	Dryer Exhaust Kitchen Exhaust Kitchen Hoods Kitchen Make-up Air Chimney Termination	MC-504 MC-506 MC-507 MC-508 MC-Table 511.2	Required NA NA NA NA NA	Complies	M dwgs
	Air Plenums Fire & Smoke Dampers Combustion Air Confined Spaces –Def.	MC-602 MC-607 MC-701 MC-202	Required Required Required Required	Complies Complies Complies Complies	M dwgs M dwgs M dwgs M dwgs
29.	Fuel Gas Code Appliance Location Combustion Air Clearance to Combust Pipe Material Shut off Valves Chimney Termination Gas Vent Termination Exit Terminal Location Clothes Dryer Exhaust Unvented Room Heaters	FGC-303 FGC-304 FGC-Table 308.2 FGC-403 Fgc-409 FGC-Fig. 503.5.4 FGC-Fig 503.6.4 FGC-503.8 FGC-614 FGC-621	Required Required Required Required Required NA Required Required Required Required	Complies Complies Complies Complies Complies Complies Complies Complies	P dwgs M dwgs M dwgs P dwgs P dwgs P, M dwgs M dwgs M dwgs
30.	Energy code Climate Zone Prescriptive Pipe Insulation-Heating Duct Insulation-Heating Pipe Insulation-Hot Water HWH Heat Trap	ECCC Ch 3 ECCC-602 ECCC-Table 503.2.8 ECCC-503.2.7 ECCC-504.5 ECCC-504.4	Required Required Required NA	Zone 3 Complies Complies Complies	G002.1 P dwgs M dwgs P dwgs
	MEC <i>check</i> Compliance Report	Computer Software Required	COMCheck	See COM Check compliance statement	

Notes:

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REQUIREMENTS

MINIMUM SLAB THICKNESS REINFORCED CONCRETE FLOOR OR ROOF SLABS (inches) CONCRETE FIRE RESISTANCE RATING (hours) AGGREGATE 7.0 3.5 4.3 5.0 6.2 Siliceous

TABLE 721.2.2.1

REINFORCED CONCRETE FLOOR SLABS IN THE EXISTING STRUCTURE ARE 6" THICK.

TABLE 721.2.3(4) MINIMUM COVER FOR PRESTRESSED CONCRETE BEAMS 8 INCHES OR GREATER IN WIDTH

RESTRAINED OR	CONCRETE	BEAM WIDTH	FIRE RESISTANCE RATING (hours					
UNRESTRAINED	AGGREGATE TYPE	(inches)	1	$1\frac{1}{2}$	2	3	4	
Restrained	Carbonate or siliceous	8	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}^a$	2 ½	
	Carbonate or siliceous	<u>≥</u> 12	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	1 ½ a	

BEAMS IN THE EXISTING STRUCTURE ARE 18" DEEP X 12" WIDE

TABLE 721.2.4 MINIMUM DIMENSION OF CONCRETE COLUMNS (inches)

CONCRETE	FIRE RESISTANCE RATING (hours)				
TYPE	1	$1\frac{1}{2}$	2	3	4
Siliceous	8	9	10	12	14

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS) IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

- YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.
- YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
 YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION
- THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

ISSUED FOR DEMOLITION 106/09/17 ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) - ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT - RE-ISSUED FOR PERMIT - | REV. DETAILS ON A700.2 | 06/04/18 | AVK I REV. 90% REVIEW COMMENTS 04/24/19

DESCRIPTION



ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER OR REPRODUCE THESE DRAWINGS IN ANY WAY.

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

> BUILDING CODE REVIEW

SHEET G002

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Project Information

90.1 (2007) Standard Energy Code: Project Title: Main Building-13 Stories Location: Memphis, Tennessee Climate Zone: Project Type: New Construction Vertical Glazing / Wall Area:

Construction Site:	Owner/Agent:	Designer/Contractor:
161 Jefferson Avenue	Vince Vaghela	Melissa Vogler
Memphis, TN 38103	Vibrant Hotels, Inc.	MWT
	1441 Stonehedge Dr	5820 Main St.
	Southaven, MS 38671	Suite 501

Williamsville, NY 14221

Building Area	Floor Area
1-EXTERIOR FACADE (Hotel) : Nonresidential	50436
2-EXTERIOR FACADE (Retail) : Nonresidential	3947
3-FLOOR AREA (Hotel): Nonresidential	8213
4-FLOOR AREA (Retail) : Nonresidential	6311
5-ROOF AREA (Hotel): Nonresidential	11768
6-ROOF AREA (Retail) : Nonresidential	2969

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U- Factor _(a)
Basement Wall NORTH: Solid Concrete:12" Thickness, Normal Density, Furring: Metal, Wall Ht 10.0, Depth B.G. 5.0, [Bldg. Use 1 - EXTERIOR FACADE]	920	7.0	10.0	0.068	0.579
Basement Wall EAST: Solid Concrete:12" Thickness, Normal Density, Furring: Metal, Wall Ht 10.0, Depth B.G. 5.0, [Bldg. Use 1 - EXTERIOR FACADE]	1110	7.0	10.0	0.068	0.579
Basement Wall SOUTH: Solid Concrete:12" Thickness, Normal Density, Furring: Metal, Wall Ht 10.0, Depth B.G. 9.3, [Bldg. Use 1 - EXTERIOR FACADE]	920	7.0	10.0	0.068	0.579
Basement Wall WEST: Solid Concrete:12" Thickness, Normal Density, Furring: Metal, Wall Ht 10.0, Depth B.G. 7.5, [Bldg. Use 1 - EXTERIOR FACADE]	1110	7.0	10.0	0.068	0.579
Floor 1: Slab-On-Grade:Unheated, Vertical 4 ft., [Bldg. Use 3 - FLOOR AREA] (c)	8213		10.0	0.480	0.480
Floor 2-R: Slab-On-Grade:Unheated, Vertical 4 ft., [Bldg. Use 4 - FLOOR AREA] (c)	6311		10.0	0.480	0.480
Exterior Wall 1 NORTH: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - EXTERIOR FACADE]	15333	11.0	7.6	0.076	0.123
Window 1: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	890			0.420	0.650

Project Title: Main Building-13 Stories Report date: 03/12/18 Data filename: \\DC\Projects\2016\16 006 Aloft Memphis TN\Aloft Conept\Code\com check\16006 ENERGY COE Page 1 of 10 REPORT-MAIN BLDG.cck

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U Factor _(a)
Window 2: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	351			0.420	0.650
Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - EXTERIOR FACADE]	63			0.410	0.700
Exterior Wall NORTH - R: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: Metal, [Bldg. Use 2 - EXTERIOR FACADE]	481	14.2	13.0	0.047	0.123
Exterior Wall 2 EAST: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - EXTERIOR FACADE]	17016	11.0	7.6	0.076	0.123
Window 4: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	1656			0.420	0.650
Window 6: Metal Frame Curtain Wall/Storefront, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	199			0.420	0.600
Door 3: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	132	<u></u>	7	0.420	0.900
Exterior Wall EAST - R: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: Metal, [Bldg. Use 2 - EXTERIOR FACADE]	1490	14.2	13.0	0.047	0.123
Window 7: Metal Frame Curtain Wall/Storefront, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 2 - EXTERIOR FACADE] (b)	468	 .		0.420	0.600
Exterior Wall SOUTH: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - EXTERIOR FACADE]	14037	11.0	7.6	0.076	0.123
Window 8: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	1242			0.420	0.650
Window 9: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	92	57. 7),		0.420	0.650
Door 4: Insulated Metal, Swinging, [Bldg. Use 1 - EXTERIOR FACADE]	47			0.410	0.700
Exterior Wall SOUTH - R: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: Metal, [Bldg. Use 2 - EXTERIOR FACADE]	1067	14.2	13.0	0.047	0.123
Exterior Wall 7: Solid Concrete:8" Thickness, Normal Density, Furring: Metal, [Bldg. Use 1 - EXTERIOR FACADE]	17235	11.0	7.6	0.076	0.123
Window 10: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	1278) ===)	0.420	0.650
Window 11: Metal Frame with Thermal Break, Perf. Specs.: Product ID na, SHGC 0.50, [Bldg. Use 1 - EXTERIOR FACADE] (b)	154		1,700.004	0.420	0.650
Door 5: Insulated Metal, Swinging, [Bldg. Use 1 - EXTERIOR FACADE]	42	Wat of the		0.410	0.700
Exterior Wall 8 -R: Concrete Block:8", Partially Grouted, Cells Insulated, Normal Density, Furring: Metal, [Bldg. Use 2 - EXTERIOR FACADE]	909	14.2	13.0	0.047	0.123
Door 6: Insulated Metal, Swinging, [Bldg. Use 2 - EXTERIOR FACADE]	48		1444)	0.410	0.700
Roof 1: Insulation Entirely Above Deck, [Bldg. Use 5 - ROOF AREA]	11768	<u>wa.</u>	35.0	0.028	0.048
Roof 2-R: Insulation Entirely Above Deck, [Bldg. Use 6 - ROOF AREA]	2969		35.0	0.028	0.048

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.

(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation. (c) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.

Project Notes

Envelope PASSES: Design 1% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 90.1 (2007) Standard requirements in COMcheck Version 4.0.8.1 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Report date: 03/12/18 Project Title: Main Building-13 Stories Data filename: \\DC\Projects\2016\16 006 Aloft Memphis TN\Aloft Conept\Code\com check\16006 ENERGY COL Page 2 of 10 REPORT-MAIN BLDG.cck

Name - Title Date Signature

Architect of Record: Darrin Williams, RA (see cover sheet for contact info)

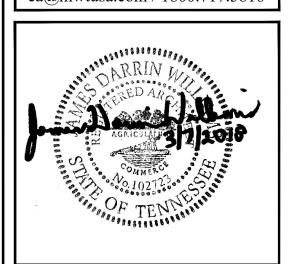
Contractor: Jiji Engineers - Jay Vaghela (see cover sheet for contact info)

ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) - ISSUED TO FRANCHISE - ISSUED FOR PERMIT - FOR FINAL APPROVAL - ISSUED FOR PERMIT - RE-ISSUED FOR PERMIT - REV. DETAILS ON A700.2 06/04/18 AVK I REV. 90% REVIEW COMMENTS 04/24/19 A

DESCRIPTION ISSUED FOR DEMOLITION



ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER OR REPRODUCE THESE DRAWINGS IN ANY WAY.

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017

CHKD. BY: MWT BUILDING **ENERGY**

DRAWN BY: RS, BS, MV,AN

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS) IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION

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AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.



Project Information

2012 IECC Energy Code: Project Title: ALOFT MEMPHIS DOWNTOWN Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor: 161 JEFFERSON AVE Memphis, TN

Additional Efficiency Package High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Hotel:Guest rooms	67085	1 .10	73794
2-Gymnasium/fitness center:Fitness area	776	0 .90	698
3-Common Space Types:Office - Enclosed	933	1 .10	1026
4-Common Space Types:Electrical/mechanical	6048	1 .10	6653
5-Common Space Types:Storage	4875	0 .80	3900
6-Common Space Types:Restroom	1395	1	1395
7-Hotel:Hotel lobby	6300	2 .10	13230
8-Common Space Types:Corridor / Transition	21745	0 .70	15222
9-Common Space Types:Stairway	7440	0 .70	5208
10-Common Space Types:Food preparation	1325	1 .19	1590
11-Common Space Types:Conference / Meeting / Multipurpose	6910	1 .19	8292
12-Sports Arena:Court sports area – Class 3	1620	1 .19	1944
13-Common Space Types:Bar/lounge/leisure dining	2530	1 .39	3542
		Total Allowed Watts =	136494

Proposed Interior Lighting Power

A	В	С	D	E
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps/ Fixture	# of Fixtures	Fixture Watt.	(C X D)
1-Hotel:Guest rooms				
LED 17: LED PAR 11W:	1	64	11	704
LED 18: LED PAR 15W:	2	160	30	4800
LED 19: Other:	1	316	11	3476
LED 20: LED Other Fixture Unit 60W:	1	400	60	24000
LED 21: LED PAR 17W:	1	159	17	2703
2-Gymnasium/fitness center:Fitness area				
LED 1: Other:	1	20	20	400
LED 22: Other:	2	2	11	22
LED 23: LED MR 6W:	1	1	6	6

Project Title: ALOFT MEMPHIS DOWNTOWN Report date: 11/16/16 Data filename: C:\Users\Administrator\Desktop\2012-IECC-Comcheck for Aloft Hotel @ Memphis TN.cck Page 1 of 7

Total Tradable Proposed Watts = 1024

xterior Lighting PASSES: Design 29% better than code **Exterior Lighting Compliance Statement**

Compliance Statement: The proposed exterior lighting	ng design represented in this document i	s consistent with the building plans,
specifications, and other calculations submitted with	this permit application. The proposed ex	terior lighting systems have been
designed to meet the 2012 IECC requirements in COM	Mcheck Version 4.0.5.0 and to comply with	th any applicable mandatory
requirements listed in the Inspection Checklist.	, -	
THE COMPANY AND THE CONTRACT OF THE CONTRACT O	No by	
DUNG D. VU P.E.	Man alous -	5/26/2017

A Fixture ID:Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
3-Common Space Types:Office - Enclosed				
LED 2: Other:	2	15	40	600
LED 24: Other:	2	6	11	65
4-Common Space Types:Electrical/mechanical				
LED 3: Other:	2	35	11	378
LED 25: LED Linear 20W:	2	94	40	3760
5-Common Space Types:Storage				
LED 6: LED Linear 20W:	2	66	40	2640
LED 26: Other:	2	16	11	173
6-Common Space Types:Restroom				
LED 7: Other:	2	9	11	97
LED 27: LED MR 10W:	1	10	10	100
LED 28: LED PAR 11W:	1	22	11	242
Linear Fluorescent 9: 35" T5 21W: Electronic:	1	11	21	231
			21	201
7-Hotel:Hotel lobby	4	24	0	246
LED 8: Other:	1 1	24	9	216
LED 9: LED Linear 20W:	1	21 14	20 11	420 154
LED 10: LED PAR 11W:	4	5	100	500
Linear Fluorescent 10: 48" T8 25W (Super T8): Electronic: LED 29: Other:	1	2	72	144
LED 30: LED PAR 10W:	1	33	10	330
LED 31: Other:	1	70	3	210
LED 32: LED PAR 11W:	3	1	33	33
LED 33: LED PAR 11W:	1	113	11	1243
LED 34: LED MR 6W:	1	3	6	18
LED 35: Other:	2	17	11	184
	_	17		10-
8-Common Space Types:Corridor / Transition	4	200	50	10450
LED 11: LED Other Fixture Unit 50W:	1	209	50	10450
LED 12: LED MR 2W:	1 1	150 11	2 42	300
LED 13: Other: LED 36: LED PAR 11W:	1	62	42 11	462 682
LED 37: LED PAR 11W: LED 37: LED PAR 10W:	1	2	10	20
LED 38: LED Linear 20W:	2	7	40	280
LED 39: Other:	2	100	11	1080
LED 40: LED MR 6W:	1	95	6	570
LED 41: LED Linear 20W:	1	11	20	220
	'	11	20	220
9-Common Space Types:Stairway	0	70	40	0000
LED 14: LED Linear 20W:	2	73	40	2920
LED 15: Other: LED 16: LED MR 6W:	2	28	11	302
	1	2	6	12
10-Common Space Types:Food preparation				
LED 17: LED Linear 20W:	2	17	40	680
LED 42: Other:	2	6	11	65
LED 43: LED MR 6W:	1	2	6	12
LED 44: LED PAR 10W:	1	5	10	50
11-Common Space Types:Conference / Meeting / Multipurpose				
LED 18: LED PAR 10W:	1	79	10	790
LED 45: Other:	1	29	9	261
LED 46: LED PAR 18W:	1	33	18	594
LED 47: LED Linear 20W:	2	14	40	560
LED 48: LED Other Fixture Unit 103W:	1	8	103	824
LED 49: Other:	2	18	11	194
LED 50: LED MR 6W:	1	11	6	66
LED 51: LED PAR 11W:	1	41	11	451
LED 57: Other:	1	6	11	66
LED 58: LED PAR 11W:	3	1	33	33

رس ^ر ا	COM <i>check</i> Software Version 4.0.5.0 Mechanical Compliance Certificate

Data filename: C:\Users\Administrator\Desktop\2012-IECC-Comcheck for Aloft Hotel @ Memphis TN.cck Page 2 of 7

Project Information

Energy Code:	2012 IECC
Project Title:	ALOFT MEMPHIS DOWNTOWN
Location:	Memphis, Tennessee
Climate Zone:	3a
Project Type:	New Construction

Project Title: ALOFT MEMPHIS DOWNTOWN

Construction Site: Designer/Contractor: Owner/Agent: 161 JEFFERSON AVE

High efficiency HVAC. Systems that do not meet the performance requirement will be identified in the mechanical requirements checklist

Quantity System Type & Description

uantity	System Type & Description
154	HVAC System 1 (Single Zone):
	Packaged Terminal Heat Pump
	Heating Mode: Capacity = 9 kBtu/h,
	No minimum efficiency requirement applies
	Cooling Mode: Capacity = 11 kBtu/h,
	Proposed Efficiency = 10.70 EER, Required
	Fan System: None

Split System Heat Pump Heating Mode: Capacity = 52 kBtu/h, Proposed Efficiency = 9.00 HSPF, Required Efficiency = 9.00 HSPF

6 HVAC System 3 (Single Zone): Split System Heat Pump Heating Mode: Capacity = 46 kBtu/h,

Fan System: None 5 HVAC System 4 (Single Zone):

Fan System: None 2 HVAC System 5 (Single Zone): Split System Heat Pump Heating Mode: Capacity = 24 kBtu/h,

Proposed Efficiency = 9.00 HSPF, Required Efficiency = 9.00 HSPF Cooling Mode: Capacity = 24 kBtu/h, Proposed Efficiency = 16.00 SEER, Required Efficiency: 15.00 SEER (12.5 EER) Fan System: None

Project Title: ALOFT MEMPHIS DOWNTOWN Data filename: C:\Users\Administrator\Desktop\2012-IECC-Comcheck for Aloft Hotel @ Memphis TN.cck DUNG D. VU P.E.

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.0.5.0 and to comply with any applicable mandatory

Fixture ID: Description / Lamp / Wattage Per Lamp / Ballast

LED 59: Other:

LED 52: LED PAR 11W: LED 53: LED Linear 20W:

LED 54: LED PAR 10W:

LED 56: LED MR 6W:

LED 62: LED PAR 11W:

LED 64: LED Linear 20W:

LED 55: Other:

LED 61: Other:

LED 62: Other:

LED 63: Other:

LED 65: Other:

LED 66: LED MR 6W:

12-Sports Arena:Court sports area - Class 3

13-Common Space Types:Bar/lounge/leisure dining

Interior Lighting Compliance Statement

requirements listed in the Inspection Checklist.

Linear Fluorescent 10: 48" T8 25W (Super T8): Electronic

nterior Lighting PASSES: Design 48% better than code

Project Title: ALOFT MEMPHIS DOWNTOWN Report date: 11/16/16 Data filename: C:\Users\Administrator\Desktop\2012-IECC-Comcheck for Aloft Hotel @ Memphis TN.cck Page 3 of 7

Quantity System Type & Description

Report date: 11/16/16

Report date: 11/16/16

Page 6 of 7

Gas Storage Water Heater, Capacity: 100 gallons, Input Rating: 199 Btu/h w/ Circulation Pump Proposed Efficiency: 97.00 % Et, Required Efficiency: 80.00 % Et

Mechanical Compliance Statement

modification of the following the first the fi
Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.0.5.0 and to comply with any applicable mandatory
requirements listed in the Inspection Checklist.
A

DUNG D. VU P.E. Name - Title Signature 5/26/2017 Date



COMcheck Software Version 4.0.5.0

Project Information

Memphis, TN

Lamps/ # of Fixture (C X D)

5 24 120

6 33 198

Total Proposed Watts = 71574

Fixture Fixtures Watt.

2012 IECC Energy Code: Project Title: ALOFT MEMPHIS DOWNTOWN Project Type: New Construction Exterior Lighting Zone 3 (Other)

Construction Site: 161 JEFFERSON AVE

Allowed Exterior Lighting Power

Area/Surface Category	Quantity	Allowed Watts / Unit	Tradable Wattage	Allowed Watts (B X C)
Entry canopy	1117 ft2	0.4	Yes	447
Handicap Ramp (Special feature area)	380 ft2	0.16	Yes	61
Illuminated area of facade wall or surface	18875 ft2	0.15	No	2831
Even Space (Special feature area)	3030 ft2	0.16	Yes	485
Terrace (Special feature area)	420 ft2	0.16	Yes	67
		Total Tradab	ole Watts (a) =	1060
		Total All	owed Watts =	3891

Total Allowed Supplemental Watts (b) =

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces. (b) A supplemental allowance equal to 750 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

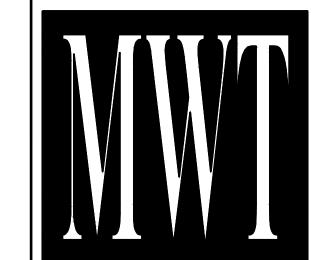
Proposed Exterior Lighting Power

A Fixture ID:Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	(C X D)
Entry canopy (1117 ft2): Tradable Wattage				
LED 2: Other:	1	6	20	120
LED 3: LED PAR 20W:	1	5	20	100
LED 4: Other:	2	6	20	120
LED 5: LED PAR 15W:	1	3	15	45
Handicap Ramp (Special feature area 380 ft2): Tradable Wattage				
LED 6: Other:	1	20	9	180
Illuminated area of facade wall or surface (18875 ft2): Non-tradable Wattage				
LED 7: Other:	1	390	8	3120
LED 8: LED PAR 15W:	1	3	15	45
LED 12: LED PAR 11W:	1	3	11	33
Even Space (Special feature area 3030 ft2): Tradable Wattage				
LED 9: Other:	1	10	26	260
LED 10: LED PAR 11W:	1	9	11	99
LED 10: LED MR 6W:	1	2	6	12
Terrace (Special feature area 420 ft2): Tradable Wattage				
LED 11: LED PAR 11W:	1	8	11	88

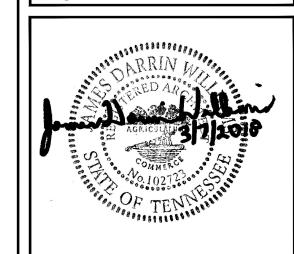
Project Title: ALOFT MEMPHIS DOWNTOWN Data filename: C:\Users\Administrator\Desktop\2012-IECC-Comcheck for Aloft Hotel @ Memphis TN.cck Page 4 of 7

ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 I REV. 90% REVIEW COMMENTS 04/24/19

DESCRIPTION ISSUED FOR DEMOLITION



ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



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63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

CHKD. BY: MWT BUILDING **ENERGY COMPLIANCE**

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS) IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.

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Project Title: ALOFT MEMPHIS DOWNTOWN Report date: 11/16/16 Data filename: C:\Users\Administrator\Desktop\2012-IECC-Comcheck for Aloft Hotel @ Memphis TN.cck Page 5 of 7

Additional Efficiency Package **Mechanical Systems List** d Efficiency: 10.70 EER Fan System: None 11 HVAC System 2 (Single Zone): Cooling Mode: Capacity = 54 kBtu/h, , Air Economizer
Proposed Efficiency = 15.00 SEER, Required Efficiency: 15.00 SEER (12.5 EER) Proposed Efficiency = 9.00 HSPF, Required Efficiency = 9.00 HSPF Cooling Mode: Capacity = 47 kBtu/h, , Air Economizer
Proposed Efficiency = 16.00 SEER, Required Efficiency: 15.00 SEER (12.5 EER) Split System Heat Pump Heating Mode: Capacity = 34 kBtu/h, Proposed Efficiency = 9.00 HSPF, Required Efficiency = 9.00 HSPF Cooling Mode: Capacity = 36 kBtu/h, , Air Economizer Proposed Efficiency = 16.00 SEER, Required Efficiency: 15.00 SEER (12.5 EER)

Project Title: ALOFT MEMPHIS DOWNTOWN Report date: 11/16/16 Data filename: C:\Users\Administrator\Desktop\2012-IECC-Comcheck for Aloft Hotel @ Memphis TN.cck Page 7 of 7

	TABLE 5.1 BASEMENT FLOOR OCCUPANT LOAD			
BUSINESS	1. OFFICE @ 100 GROSS• BUILDING ENGINEER•	160 SF		
ш	2. A-3 @ 15 NET • EMPLOYEE BREAK ROOM TOTAL:	300 SF 20 OCCUPANTS		
STORAGE	3. STORAGE & MECH @ 300 GROSS STORAGE ELECTRICAL/ DATA GENERATOR ROOM MECH/POOL EQUIP TRASH ROOM LAUNDRY WATER ROOM FIRE PUMP ROOM	357 SF 771 SF 355 SF 1028 SF 265 SF 1033 SF 466 SF 197 SF		
	TOTAL:	15 OCCUPANTS		
	TOTAL OCCUPANTS ON BSMT FLR:	35 OCCUPANTS		

	TABLE 5.1 FIRST FLOOR OCCUPANT LOAD				
	1. A-2 @ 15 NET • LOBBY /LOUNGE AREA: TOTAL:	4228 SF 282 OCCUPANTS			
ASSEMBLY	2. A-3 @ 50 GROSS	422 SF 1138 SF 85 OCCUPANTS			
Ä	3. A-3 @ 50 GROSS • EXERCISE TOTAL:	769 SF 16 OCCUPANTS			
BUSINESS	4. B @ 100 GROSS • OFFICES: TOTAL:	644 SF 7 OCCUPANTS			
BUSI	5. B-2 @ 200 GROSS • KITCHEN TOTAL:	903 SF 5 OCCUPANTS			
STORAGE	6. S-1 @ 300 GROSS • MECH ROOMS • LUGGAGE • FIRE COMMAND CENTER TOTAL	200 SF 116 SF 202 SF 2 OCCUPANTS			
TOTAL OCCUPANTS ON FIRST FLR: 397 OCCUPANT					
MERCHANTILE	7. M @ 30 GROSS • RETAIL SPACE 01 • RETAIL SPACE 02 TOTAL:	1359 SF 1833 SF 106 OCCUPANTS			
ME	NOTE: RETAIL ADDITION HAS NOT BE OCCUPANCY CALCS.	EN INCLUDED IN			

	TABLE 5.1 SECOND FLOOR OCCUPANT LOAD				
_	1. A-2 @ 15 NET • BANQUET ROOM • ROOFTOP PATIO SPACE TOTAL:	1960 SF 3372 SF 355 OCCUPANTS			
ASSEMBLY	2. A-3 @ 15 NET • TACTICAL ROOM 'A' • TACTICAL ROOM 'B' TOTAL:	522 SF 304 SF 56 OCCUPANTS			
	3. A-3 @ 7 NET • THEATER TOTAL:	500 SF 72 OCCUPANTS			
RESIDENTIAL	4. R-1 @ 200 GROSS • GUESTROOMS TOTAL:	1513 SF 8 OCCUPANTS			
STORAGE	5. STORAGE @ 300 GROSS • MEETING ROOM STORAGE • MECH • PATIO STORAGE TOTAL	580 SF 50 SF 156 SF 3 OCCUPANTS			
	TOTAL OCCUPANTS ON SECOND FLR: 494 OCCUPANTS				

	TABLE 5.1 <u>GUEST FLOOR OCCUPA</u>	ANT LOAD
RESIDENTIAL OF THE STATE OF THE	R-1 @ 200 GROSS • GUESTROOMS [AL:	5836 SF 30 OCCUPANTS
STORAGE 2.	STORAGE @ 300 GROSS LINEN CORE MECH FAL	564 SF 50 SF 2 OCCUPANTS
_	TAL OCCUPANTS ON GUEST FLR: D GUEST FLOORS):	32 OCCUPANTS 320 OCCUPANTS

	TABLE 5.1 PENTHOUSE FLOOR OCCUPANT LOAD						
EN L	1. R-1 @ 200 GROSS ● GUEST SUITES TOTAL:	2759 SF 14 OCCUPANTS					
STORAG	 2. STORAGE @ 300 GROSS LINEN MECH STORAGE TOTAL 	200 SF 779 SF 150 SF 4 OCCUPANTS					
	TOTAL OCCUPANTS ON SECOND FLR	: 18 OCCUPANTS					

GRAND TOTAL OCCUPANT LOAD: 1249 PEOPLE

EXIT REQUIREMENTS SEE EXITING PLANS SHEET G003

NUMBER AND ARRANGEM	ENT OF E	EXITS								
FLOOR, ROOM, OR SPACE DESIGNATION	NUM	NIMUM BER OF XITS ²	TRAVEL DISTANCE , A 3				ARRANGEMI EGRESS (S 101	DEAD END CORRIDOR		
	REQ'D.	SHOWN	COMMC	N PATH	TRAVEL	DISTANCE	MIN. REQUIRED	ACTUAL	MAX	ACTUA
	NEQD.	ON PLANS	MAX. ALLOW.	ACTUAL MAX	MAX. ALLOW.	ACTUAL MAX	DISTANCE BETWEEN EXIT DOORS	DISTANCE SHOWN ON PLANS	DISTANCE	DISTANO SHOWN PLANS
BASEMENT	2	2	75'	42'-0"	250'-0"	116'-0"	>/= 72'	86'-0"	50'-0"	NA
1ST FLOOR	2	4	75'	50'-0"	250'-0"	146'-0"	>/= 81'	90'-0"	50'-0"	NA
2ND FLOOR	2	4	75'	60'-0"	250'-0"	114'-0"	>/= 106'	108'-0"	50'-0"	32'-10
3RD-12TH FLR. GUESTRM.	2	2	75'	37'-0"	250'-0"	97'-0"	>/= 74'	102'-0"	50'-0"	NA
SUITES	2	2	75'	54'-0"	250'-0"	86'-0"	>/= 70'	102'-0"	50'-0"	NA

1CORRIDOR DEAD ENDS (SECTION 1017.3)
2 EXITS (TABLE 1019.1) PER OCCUPANCY LOAD, 1019.1.1
3 COMMON PATH OF TRAVEL (SECTION 1002, 1014.3)
4 TRAVEL DISTANCE(TABLE 1016.1)
5 EXIT DOOR ARRANGEMENT - MIN 1/3 MAX DIAGONAL DIMENSION(1015.2.1)

EXIT WIDTH	ł								
	(A) ¹	(B)1	(0	C)		EXIT WIDT	H (IN) 2,3,4	,5,6
USE GROUP OR SPACE DESCRIPTION	AREA SQ. FT. GROSS			PER OC	S WIDTH CUPANT (1005.1)	(SECTIO	ED WIDTH N 1005.1)) X C	SHOV	L WIDTH VN ON ANS
		STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
BASEMENT	8,213	35	> 35	.3	.2	10.5"	7"	102"	84"
1ST FLOOR 7	11,889	409 ⁷	3 69	.3	.2	123" ⁷	74"	142" ⁷	224"
2ND FLOOR ⁸	15,609	831 8	4 93	.3	.2	249" ⁸	99"	260" ⁸	224"
3RD FLOOR	10,247	338	y 32	.3	.2	101	6"	102"	72"
4TH FLOOR	10,247	306	y 32	.3	.2	92"	6"	102"	72"
5TH FLOOR	10,247	274	32	.3	.2	82"	6"	102"	72"
6TH FLOOR	10,247	242	3 2	.3	.2	73"	6"	102"	72"
7TH FLOOR	10,247	210	3 2	.3	.2	63"	6"	102"	72"
8TH FLOOR	10,247	178	y 32	.3	.2	53"	6"	102"	72"
9TH FLOOR	10,247	146	y 32	.3	.2	44"	6"	102"	72"
10TH FLOOR	10,247	114	- 32	.3	.2	34"	6"	102"	72"
11TH FLOOR	10,247	82 🚄	32	.3	.2	25"	6"	102"	72"
12TH FLOOR	10,247	50	32	.3	.2	15"	6"	102"	72"
SUITES	6,665	18	<u> </u>	.3	.2	5"	4"	102"	72"

PER 1007.3.3

1 SEE TABLE 1004.1.1 TO DETERMINE WHETHER NET OR GROSS AREA IS APPLICABLE. SEE DEFINITION

"AREA, GROSS" AND "AREA, NET" (SECTION 1002)

(NET) ASSEMBLY = 7/OCCUPANT (CHAIRS), 5/OCCUPANT (STANDING), 15/OCCUPANT (TABLES & CHAIRS)

BUSINESS = 100/OCCUPANT (GROSS)

2 THE SPRINKLER INCREASE PER SECTION 506.3 IS AS FOLLOWS:

C. MULTISTORY BUILDING $1^S = 200$ PERCENT D. SINGLE STORY BUILDING $1^S = 300$ PERCENT

3 MINIMUM STAIRWAY WIDTH (SECTION 1009.1, 1007.3.3); MIN. CORRIDOR WIDTH (SECTION 1017.2); MIN. DOOR WIDTH (SECTION 1008.1.1)

4 MINIMUM WIDTH OF EXIT PASSAGEWAY (SECTION 1005.1)

5 THE LOSS OF ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50

PERCENT OF THE TOTAL REQUIRED (SECTION 1005.1)

6 ASSEMBLY OCCUPANCIES (SECTION 1004)

EXERCISE ROOM = 50/OCCUPANT (GROSS)

7 EXITS ARE ARRANGED TO PROVIDE CONTROLLED EGRESS NUMBERS; REFER TO G003.1 EXITING PLAN TO CLARIFY OCCUPANT DISBURSMENT THROUGH A COMBINATION OF STAIR AND DIRECT EXIT EGRESS DOORS

8 EXITS ARE ARRANGED TO PROVIDE CONTROLLED EGRESS NUMBERS; REFER TO G003.1 EXITING PLAN TO CLARIFY OCCUPANT DISBURSMENT

SEE ALSO 'P' DWGS

PLUMBING FIX	XTURE A	NALY	'SIS							
FLOOR, ROOM, OR SPACE DESIGNATION	TOTAL OCCUPANTS	NUMI WATER	MINIMUM NUMBER OF WATER CLOSETS (IPC 419.2)		NUMBER OF WATER CLOSETS PROVIDED		MINIMUM NUMBER OF LAVATORIES		MINIMUM NUMBER OF DRINKING FOUNTAINS (IPC 410.1) 1 PER 500	
		MEN	WOMEN	MEN	WOMEN	MEN	WOMEN	REQD	PROVIDED	PROVID
BASEMENT - S1	35	1	1	1	1	1	1	1	2	1
1ST FLOOR - A2	369	3	3	2+1 UR	3	2	2	1	2	1
2ND FLOOR - A2	493	4	4	3+1 UR	4	3	3	1	2	1
GUEST FLOORS - R1	338	1 PER	ROOM	1 PER F	ROOM	1 PER	ROOM		na	1

D. DESCRIPTION

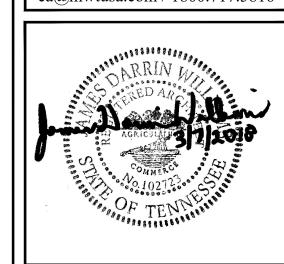
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006
DATE: 8-4-2017

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

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IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

DRAWN BY: RS, BS, MV,AN
CHKD. BY: MWT

BUILDING CODE REQUIREMENTS

SHEET GOO3

MAINTAIN TIRE PROTECTION RATING INSIDE RECESS AREA FOR FIRE EXTINGUISHER. SEE PLANS
FOR REQUIRED WALL TYPE.
METAL FIRE EXTINGUISHER CABINET SEE SPECS. OPENING SIZE PER MANUF.
RAILING BEYOND
4-1-
FINISH FLOOR

NOTE: FIRE RATING OF WALL MUST BE MAINTAINED THROUGH OUT RECESS AREA FOR FIRE EXTINGUISHER.
ADDITIONAL FIRE PROTECTION NOTES: 1. REFER TO POWER PLAN DRAWINGS FOR LOCATIONS OF CO. SMOKE

FIRE EXTINGUISHER REQUIRED LOCATIONS (IBC FIRE PROTECTION 906.1)

1. A AND R-1 TYPE OCCUPANCIES

2. WITHIN 30 FT (9144mm) OF COMMERCIAL COOKING EQUIPEMENT.
3. WHERE FLAMMABLE/ COMBUSTIBLE LIQUIDS ARE STORED, USED OR DISPENSED

4. ON EACH FLOOR UNDER CONSTRUCTION

5. WHERE REQUIRED IN TABLE 906.16. SPECIAL HAZARD AREAS WHERE REQUIRED BY FIRE CODE OFFICIAL

PER IBC FIRE PROTECTION TABLE 906.3 ORDINARY (MODERATE HAZARD)

MIN. RATED SINGLE EXTINGUISHER 2-A

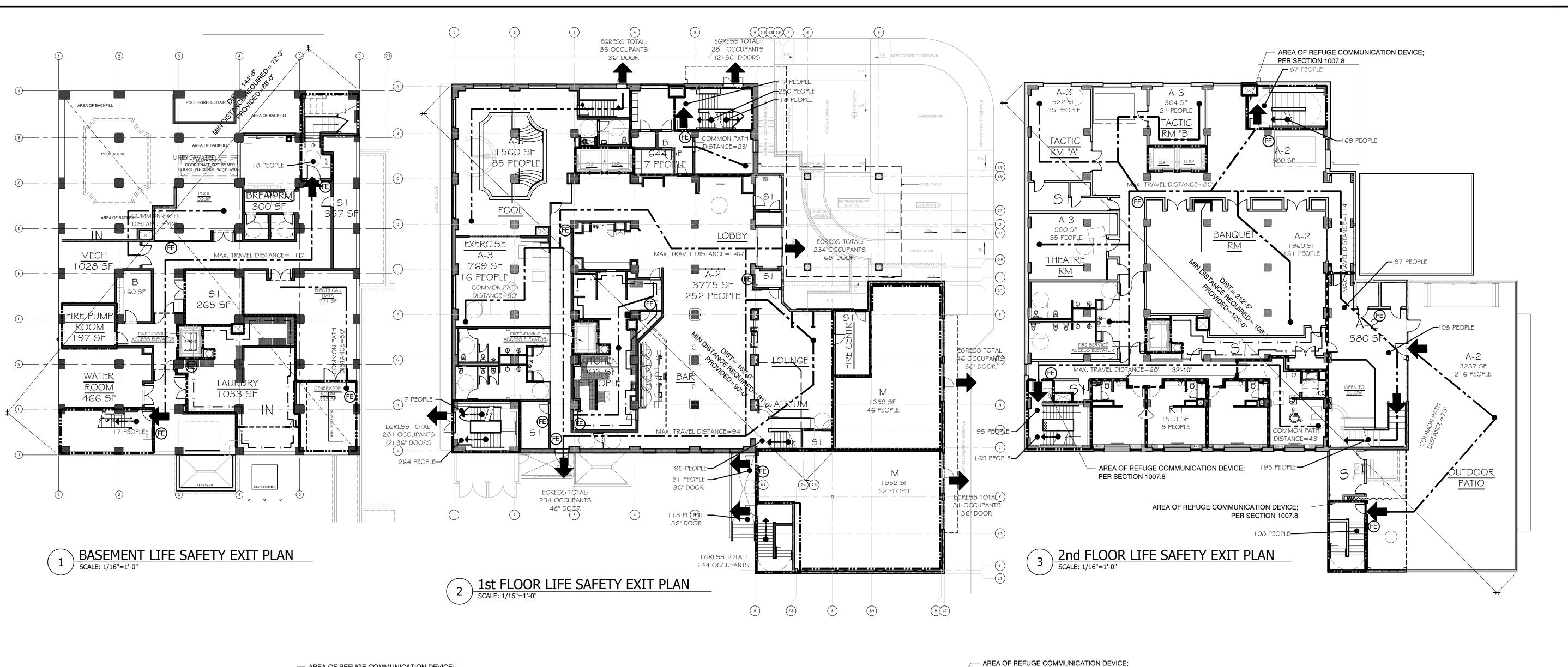
MAX FLOOR AREA PER UNIT OF A 1500 SF

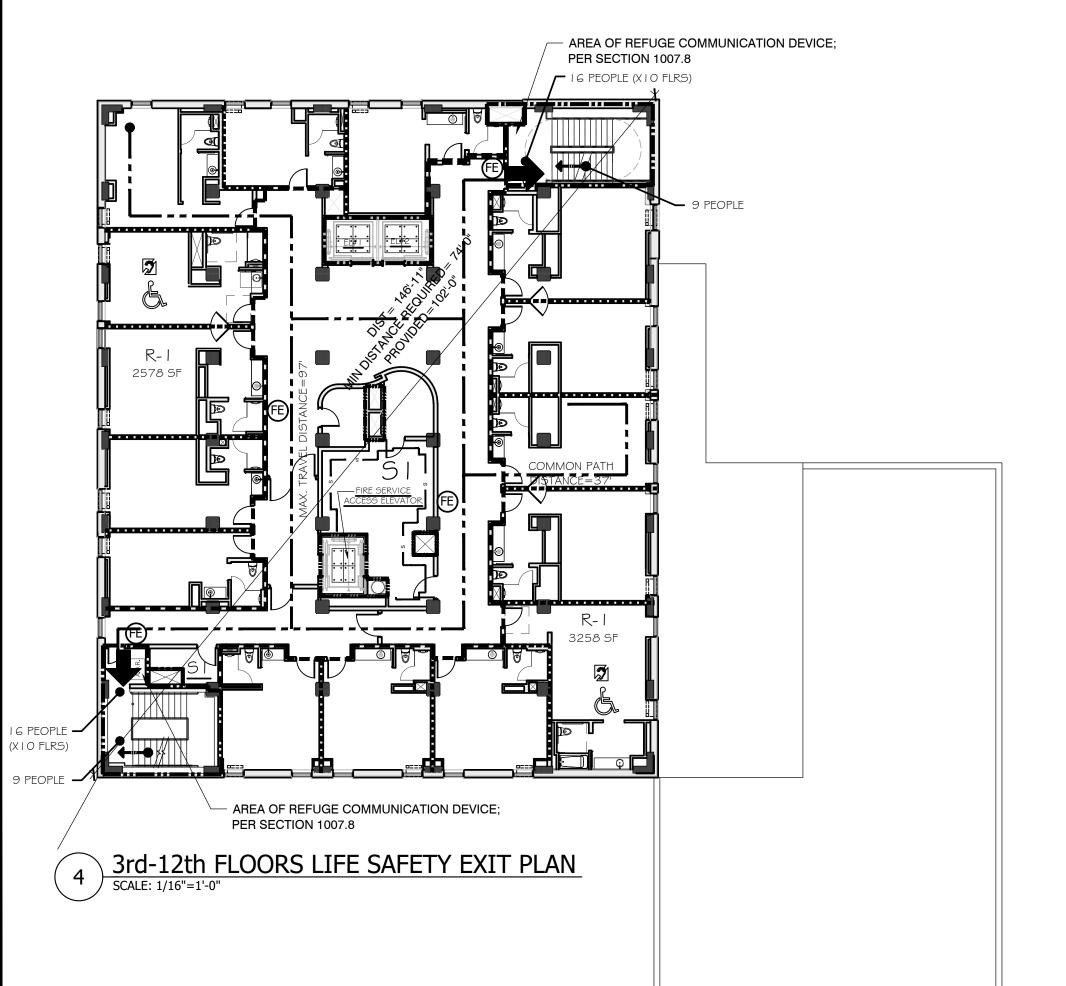
MAX TRAVEL DIST. TO EXTINGUISHER 75'

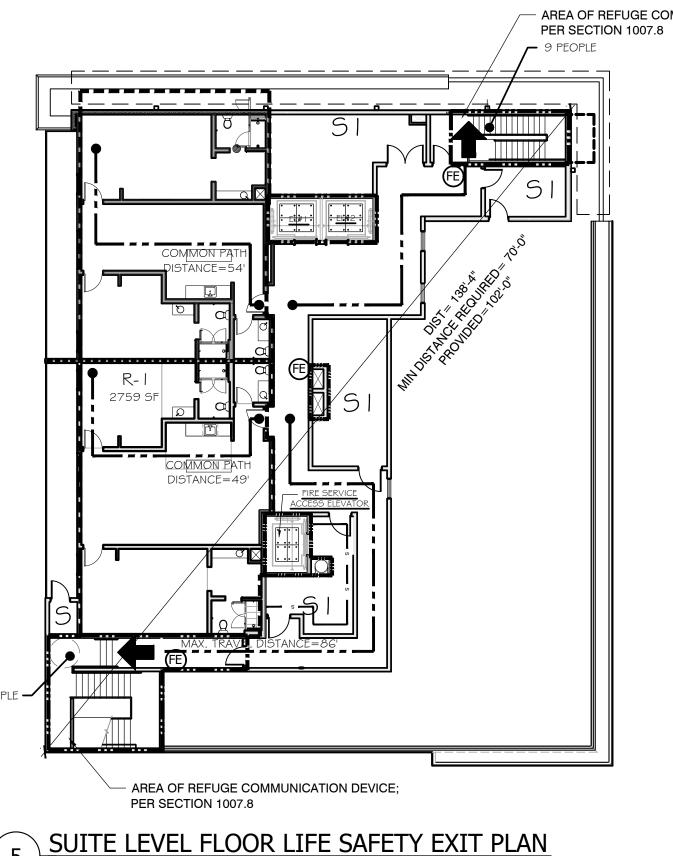
4 FIRE EXTINGUISHER DETAIL

SCALE: 1/16"=1'-0"

DETECTORS AN AUDIO / VISUAL REQUIREMENTS.







BUILDING GROSS	SF	
BASEMENT	8,213 SF	8,213 SF
FIRST FLOOR	11,889 SF	11,889 SF
RETAIL SPACE	3,611 SF	
SECOND FLOOR	15,609 SF	15,609 SF
TYPICAL FLOOR*	10,247 SF	102,470 SF
SUITE FLOOR	6,665 SF	6,665 SF
	TOTAL	144,846 SF

* 10 FLOORS TOTAL

LEGEN	D
	2 HOUR FIRE BARRIER
*********	1 HOUR FIRE BARRIER
_ s _ s _	1 HOUR SMOKE BARRIER
	1 HOUR FIRE PARTITION
	30 MIN CORRIDOR PARTITION
•	EGRESS EXIT
(FE)	FIRE EXTINGUISHER
	TRAVEL DISTANCE
	COMMON PATH DISTANCE
	A/V DEVICE INSTALLATION
6	ACCESSIBLE GUESTROOM

NOTE: THE SINGLE SERVICE ELEVATOR WITH FRONT & BACK DOOR IS DESIGNATED AS FIRE SERVICE ACCESS ELEVATOR PER IBC 2009, SECTION 3007. THE LOBBY IS RATED WITH 1 HOUR SMOKE BARRIER. THE ELEVATOR SHAFT IS PRESSURIZED PER SECTION 708.14.2.

SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

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- AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

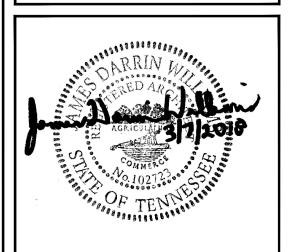
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NO.	DESCRIPTION	DATE	BY
-	ISSUED FOR DEMOLITION	06/09/17	MV
-	ISSUED TO FRANCHISE	06/09/17	ΜV
-	ISSUED FOR BID (ID ONLY)	07/21/17	MV
-	ISSUED TO FRANCHISE	08/17/17	MV
-	ISSUED FOR PERMIT	08/04/17	MV
-	FOR FINAL APPROVAL	10/02/17	MV
-	ISSUED FOR PERMIT	11/28/17	MV
-	RE-ISSUED FOR PERMIT	03/07/18	AN
-	REV. DETAILS ON A700.2	06/04/18	AVK
1	REV. 90% REVIEW		
	COMMENTS	04/24/19	AVK
1			



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ALOFT MEMPHIS DOWNTOWN

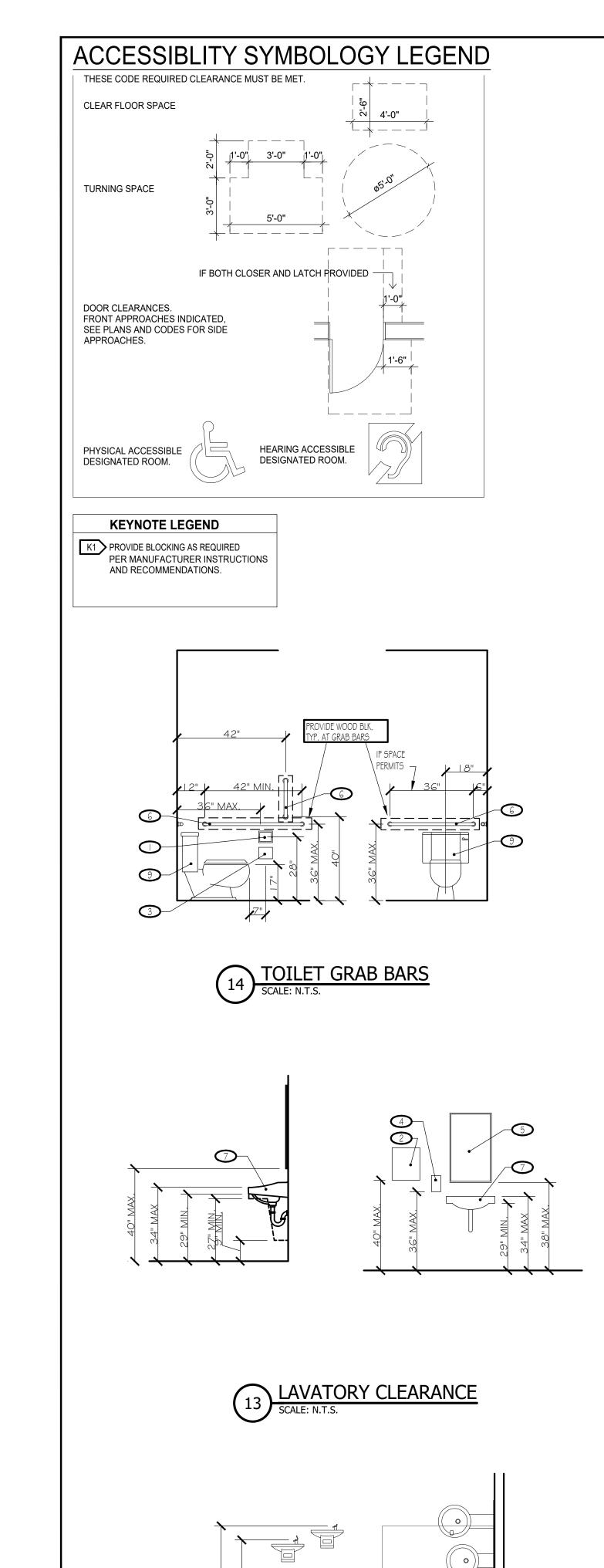
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PROJECT NO.: 16 006
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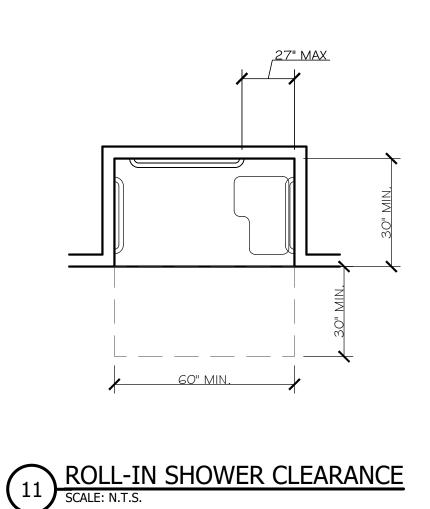
DATE: 8-4-2017
DRAWN BY: RS, BS, MV,AN
CHKD. BY: MWT

LIFE SAFETY PLANS

SHEET G003.1



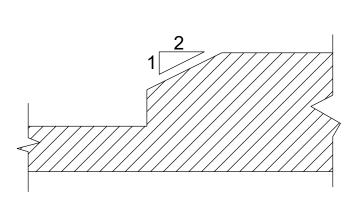
DRINKING FOUNTAINS
SCALE: N.T.S.



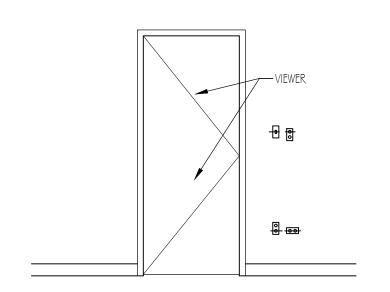
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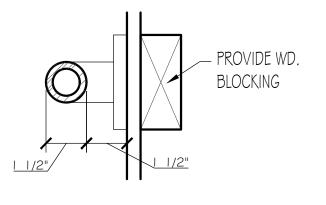
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ROLL-IN SHOWER
SCALE: N.T.S.



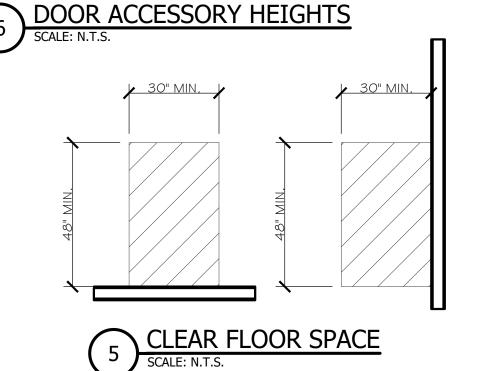
7 DOOR THRESHOLD
SCALE: N.T.S.

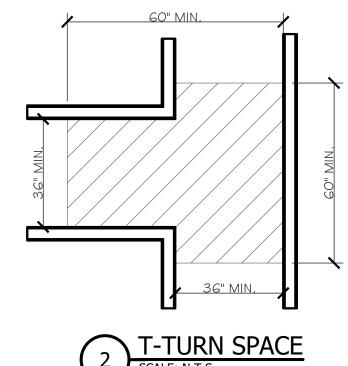


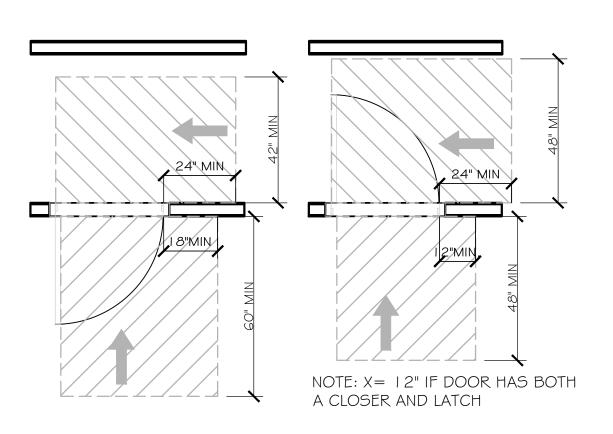


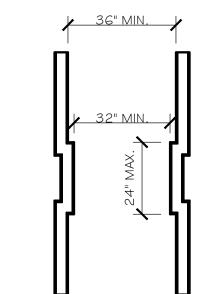
DOOR SIZES. LOCATIONS FOR LIGHT SWITCHES, ELECTRICAL OUTLETS, ELECT. PANEL, RANGE CONTROLS, DOOR BELL, THERMOSTATS, AND OTHER ENVIRONMENTAL CONTROLS.

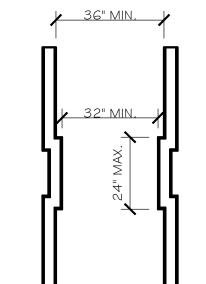












9 BATH TUB GRAB BAR LOCATIONS
SCALE: N.T.S.

8 BATH TUB GRAB BAR BLOCKING LOCATIONS
SCALE: N.T.S.

4 CLEAR FLOOR SPACE AT DOORS
SCALE: N.T.S.

HALL WAIDTHS
SCALE: N.T.S.

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YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

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DRAWN BY: CHKD. BY: MWT ACCESSIBILITY **DETAILS**

GRAB BARS

SCALE: N.T.S.

DESCRIPTION ISSUED FOR DEMOLITION

ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY)

ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT

RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 RE- 90% FRANCHISE

COMMENTS

ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 CA-SERVICES ca@mwtusa.com / 1800.717.5816



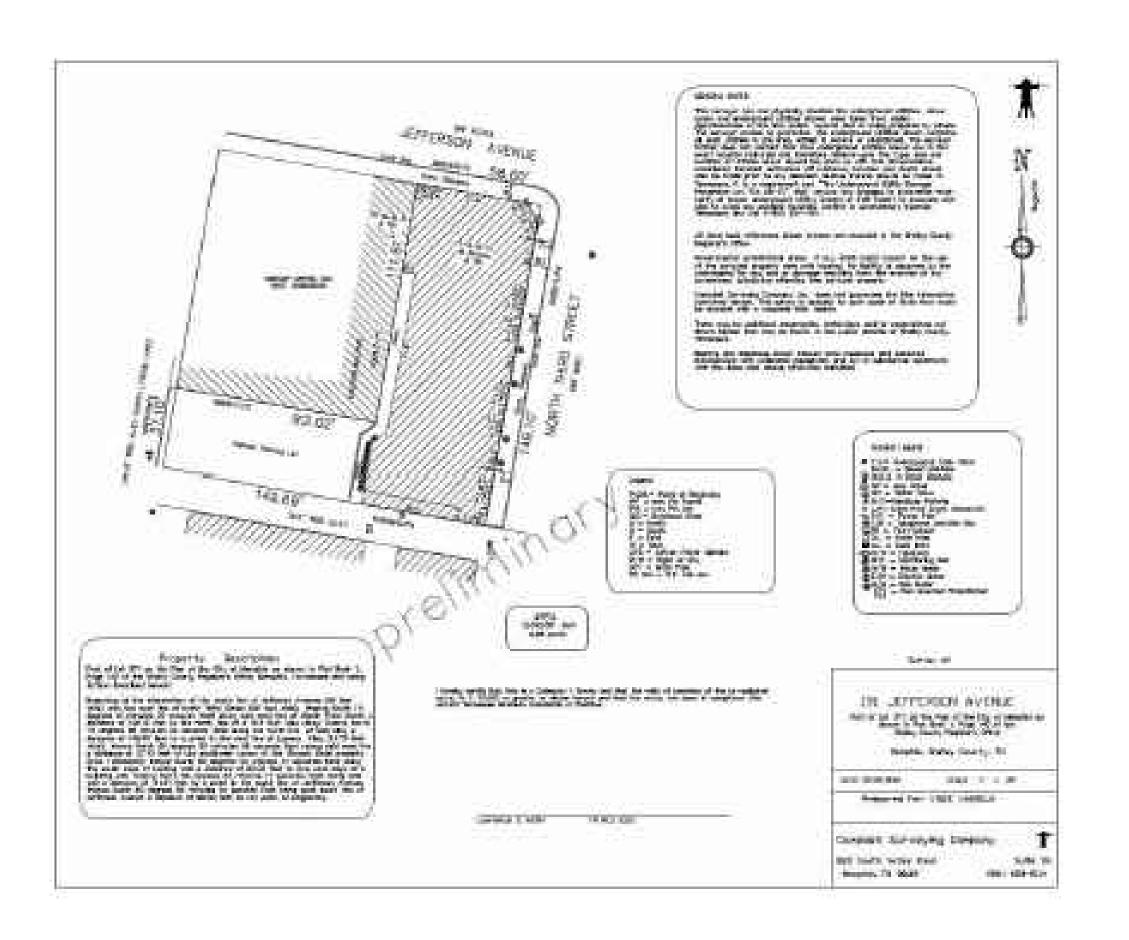
WARNING IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER OF REPRODUCE THESE DRAWINGS IN ANY WAY

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

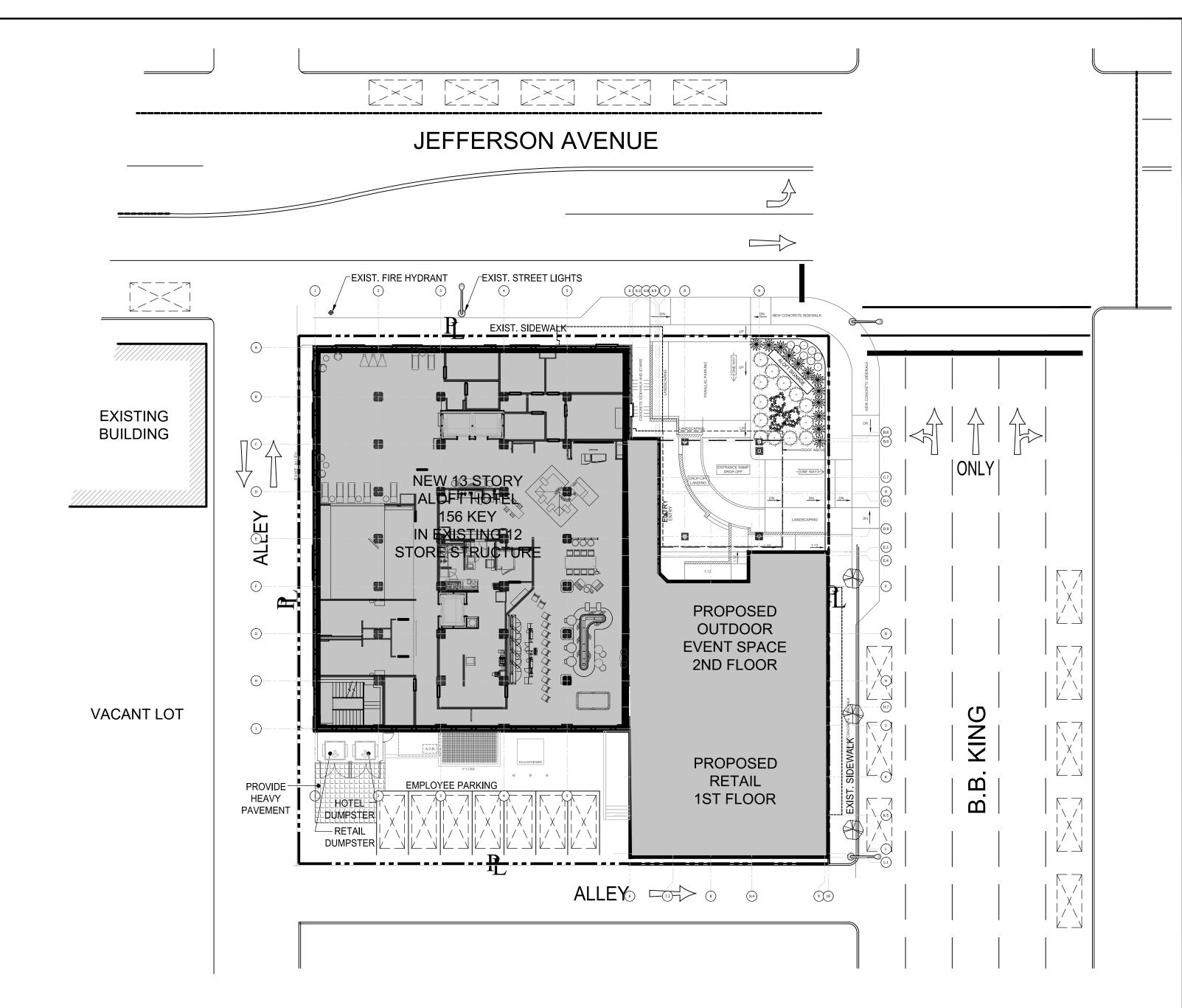
PROJECT NO.: 16 006 DATE: 04-12-2019

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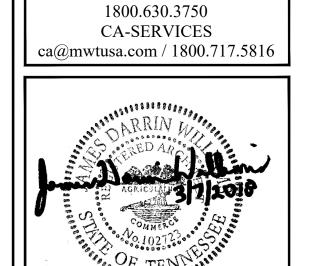












ARCHITECTURE
URBAN PLANNING
INTERIORS
HOTELS/ HOUSING/ MIXED USE

ISSUED FOR DEMOLITION
ISSUED TO FRANCHISE
ISSUED FOR BID (ID ONLY,
ISSUED TO FRANCHISE

ISSUED FOR PERMIT FOR FINAL APPROVAL

ISSUED FOR PERMIT
RE-ISSUED FOR PERMIT
REV. DETAILS ON A700.2

RE- 90% FRANCHISE

COMMENTS

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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

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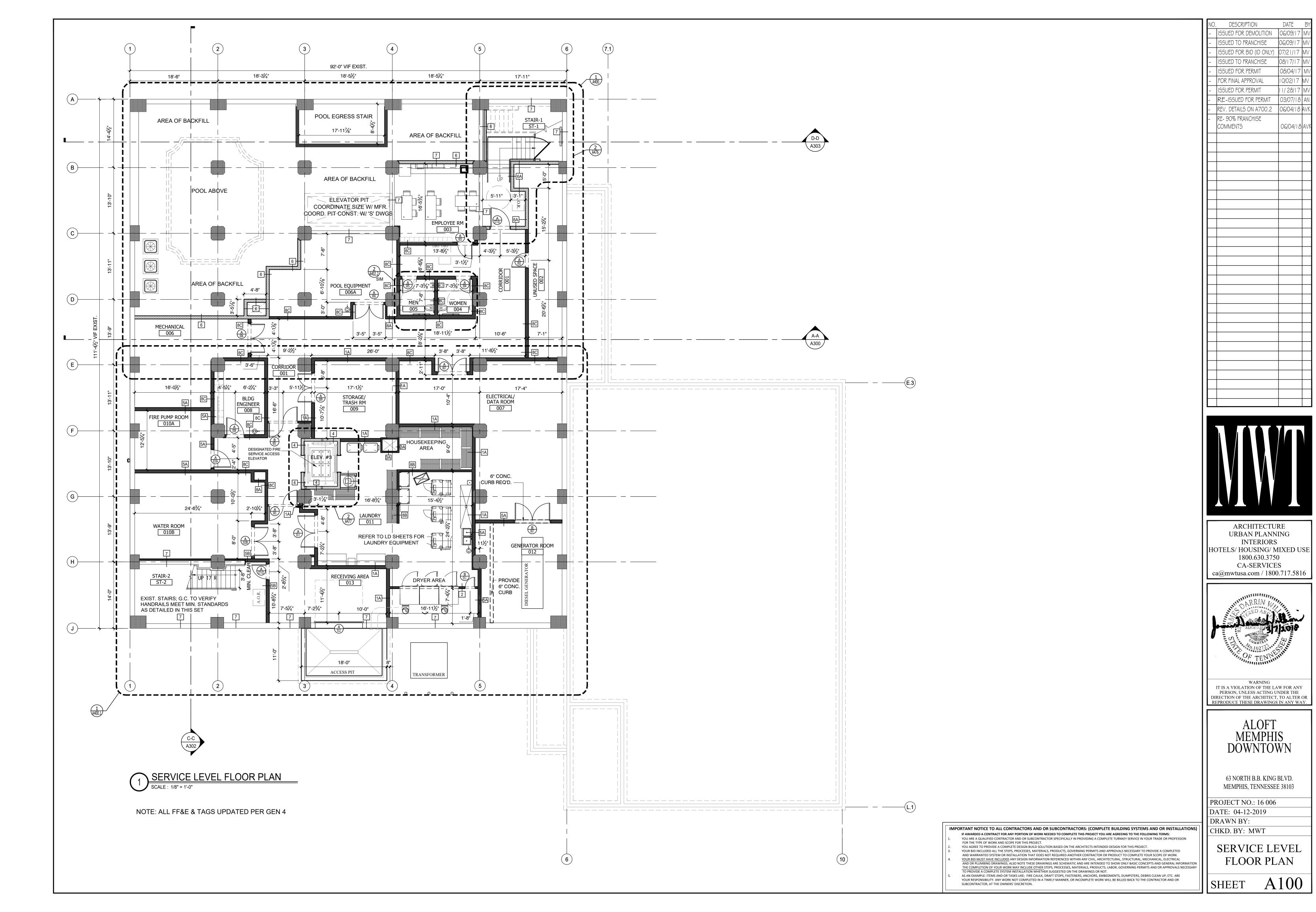
FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

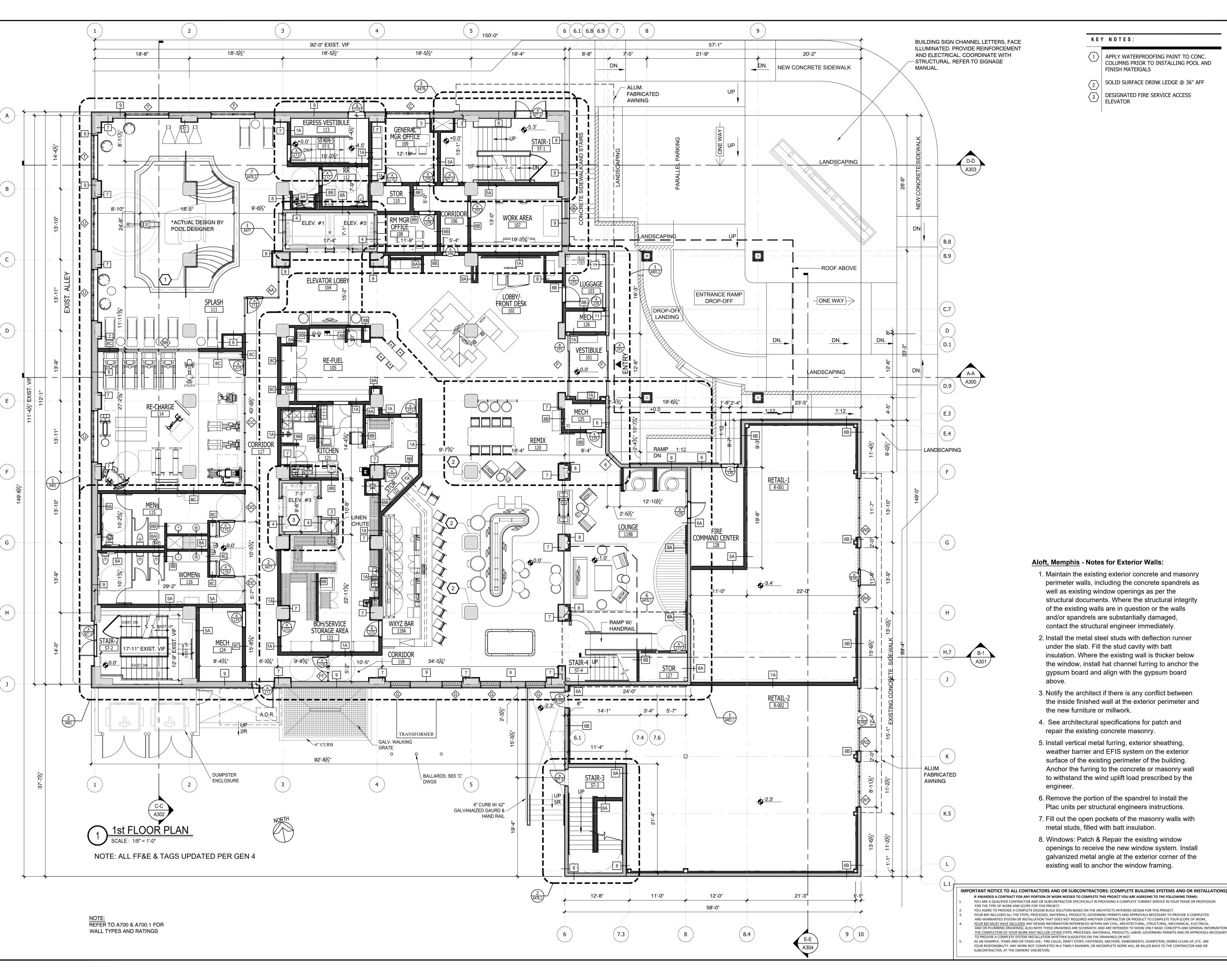
DRAWN BY: CHKD. BY: MWT

> CONCEPT SITE PLAN

SHEET A050

3 EXISTING SITE AERIAL SCALE: N.T.S.





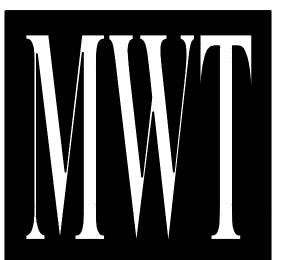
KEY NOTES:

(1) APPLY WATERPROOFING PAINT TO CONC. COLUMNS PRIOR TO INSTALLING POOL AND FINISH MATERIALS

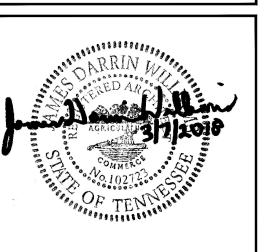
SOLID SURFACE DRINK LEDGE @ 36" AFF

DESIGNATED FIRE SERVICE ACCESS

ISSUED FOR DEMOLITION ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 RE- 90% FRANCHISE COMMENTS



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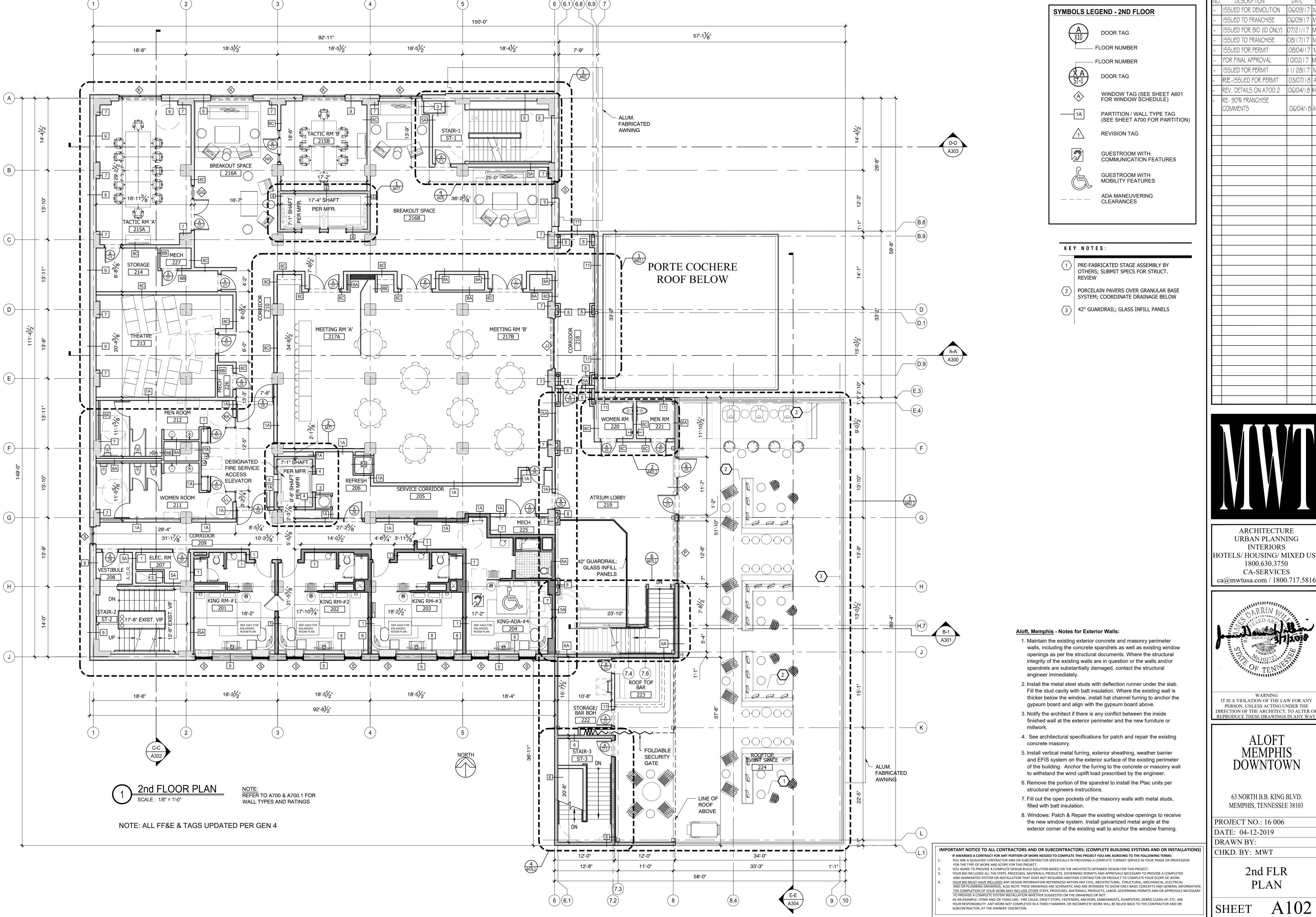
ALOFT **MEMPHIS** DOWNTOWN

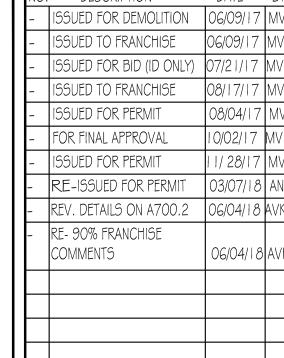
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

> 1st FLR **PLAN**







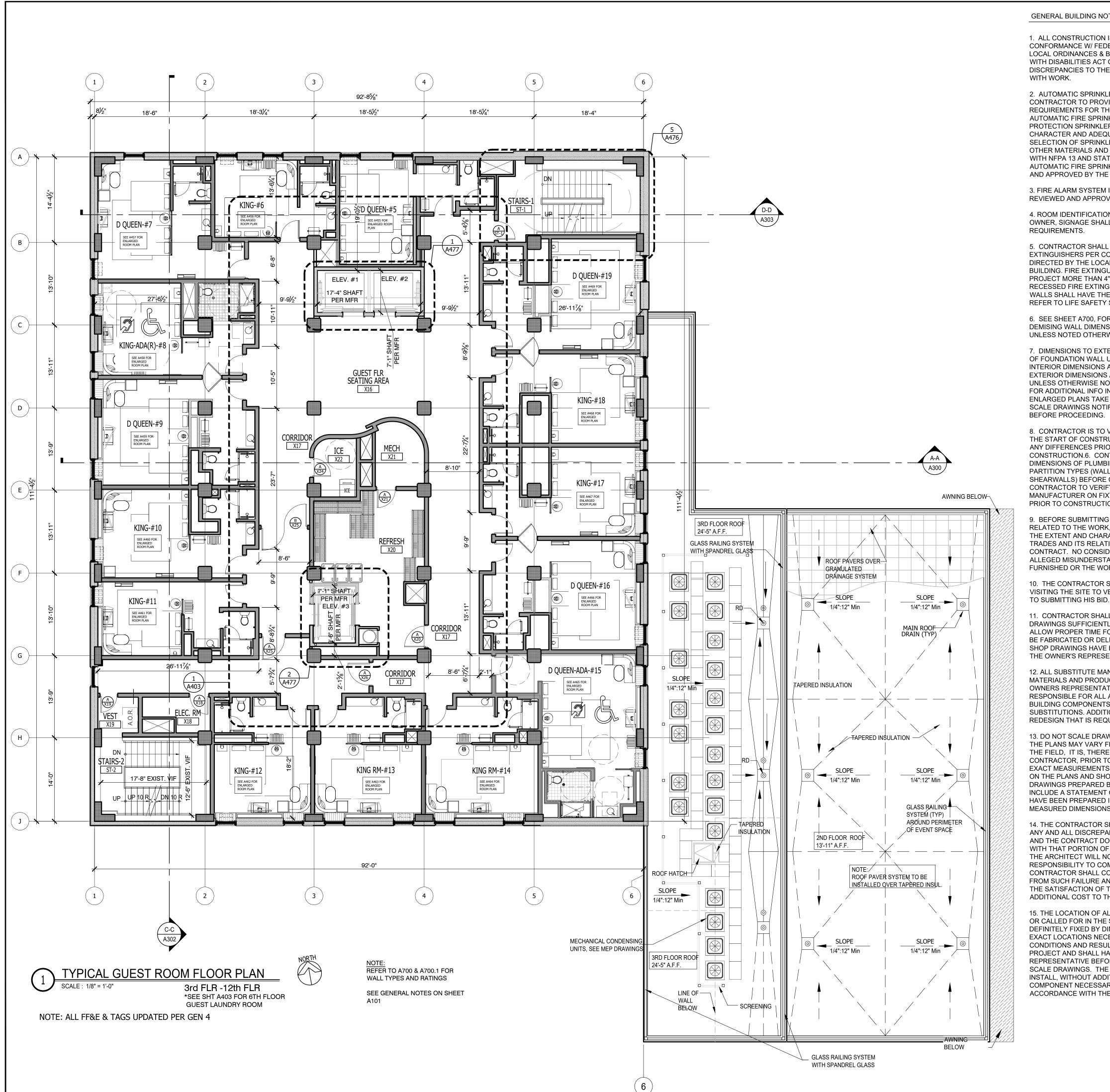
ARCHITECTURE URBAN PLANNING HOTELS/ HOUSING/ MIXED USE **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD.



GENERAL BUILDING NOTES:

1. ALL CONSTRUCTION IS INTENDED TO BE IN CONFORMANCE W/ FEDERAL & STATE LAWS, CURRENT LOCAL ORDINANCES & BUILDING CODES, & THE AMERICANS WITH DISABILITIES ACT OF 2010 (A.D.A.G.). REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH WORK.

2. AUTOMATIC SPRINKLER PROTECTION IS REQUIRED. CONTRACTOR TO PROVIDE LAYOUT AND THE MINIMUM REQUIREMENTS FOR THE DESIGN AND INSTALLATION OF AUTOMATIC FIRE SPRINKLER SYSTEM AND EXPOSURE PROTECTION SPRINKLER SYSTEMS, INCLUDING THE CHARACTER AND ADEQUACY OF WATER SUPPLIES AND THE SELECTION OF SPRINKLERS, PIPING, VALVES AND ALL OTHER MATERIALS AND ACCESSORIES IN ACCORDANCE WITH NFPA 13 AND STATE AND LOCAL BUILDING CODES. AUTOMATIC FIRE SPRINKLER SYSTEMMUST BE REVIEWED AND APPROVED BY THE FIRE DEPT.

3. FIRE ALARM SYSTEM IS REQUIRED. SYSTEM MUST BE REVIEWED AND APPROVED BY THE FIRE DEPT

4. ROOM IDENTIFICATION AND INTERIOR SIGNAGE BY OWNER, SIGNAGE SHALL COMPLY WITH ADA REQUIREMENTS.

5. CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS PER CODE, INCLUDING NFPA 10, AND AS DIRECTED BY THE LOCAL FIRE DEPARTMENT THROUGHOUT BUILDING, FIRE EXTINGUISHER CABINETS SHALL NOT PROJECT MORE THAN 4" BEYOND THE FACE OF THE WALL. RECESSED FIRE EXTINGUISHER CABINETS IN FIRE RATED WALLS SHALL HAVE THE SAME FIRE RATING AS THE WALL. REFER TO LIFE SAFETY SHEETS.

6. SEE SHEET A700, FOR WALL TYPES. ALL INTERIOR DEMISING WALL DIMENSIONS ARE TO CENTERLINE OF STUD UNLESS NOTED OTHERWISE.

7. DIMENSIONS TO EXTERIOR WALLS ARE ASSUMED FACE OF FOUNDATION WALL UNLESS OTHERWISE NOTED. ALL INTERIOR DIMENSIONS ARE TAKEN FROM CENTERLINE. ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING UNLESS OTHERWISE NOTED. REFER TO ENLARGED PLANS FOR ADDITIONAL INFO INCLUDING DIMENSIONS. ENLARGED PLANS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS NOTIFY ARCHITECT OF ANY CONFLICT BEFORE PROCEEDING.

8. CONTRACTOR IS TO VERIFY ALL DIMENSIONS PRIOR TO THE START OF CONSTRUCTION AND NOTIFY ARCHITECT OF ANY DIFFERENCES PRIOR TO BEGINNING OF CONSTRUCTION.6. CONTRACTOR TO FIELD VERIFY DIMENSIONS OF PLUMBING FIXTURES TUB OR SHOWER) VS PARTITION TYPES (WALL THICKNESSES VARY WITH SHEARWALLS) BEFORE COMMENCING FRAMING. CONTRACTOR TO VERIFY ALL DIMENSIONS W/ MANUFACTURER ON FIXTURES & EQUIPMENT SUPPLIED, PRIOR TO CONSTRUCTION.

9. BEFORE SUBMITTING BID, EXAMINE ALL DRAWINGS RELATED TO THE WORK, BECOME FULLY INFORMED AS TO THE EXTENT AND CHARACTER OF THE WORK OF ALL TRADES AND ITS RELATION TO THE WORK UNDER THE CONTRACT. NO CONSIDERATION WILL BE GIVEN FOR ALLEGED MISUNDERSTANDING OF THE MATERIALS TO BE FURNISHED OR THE WORK TO BE DONE.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE TO VERIFY EXISTING CONDITIONS PRIOR

11. CONTRACTOR SHALL REVIEW AND SUBMIT SHOP DRAWINGS SUFFICIENTLY IN ADVANCE OF THE WORK TO ALLOW PROPER TIME FOR REVIEW. MATERIALS SHALL NOT BE FABRICATED OR DELIVERED TO THE SITE BEFORE THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE.

12. ALL SUBSTITUTE MANUFACTURERS, EQUIPMENT, MATERIALS AND PRODUCTS SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE. THE CONTRACTOR IS RESPONSIBLE FOR ALL ASSOCIATED COSTS TO ANY AND ALL BUILDING COMPONENTS THAT ARE AFFECTED BY THE SUBSTITUTIONS, ADDITIONAL COSTS INCLUDE ANY REDESIGN THAT IS REQUIRED DUE TO THE SUBSTITUTION.

13. DO NOT SCALE DRAWINGS, THE DIMENSIONS SHOWN ON THE PLANS MAY VARY FROM THE ACTUAL DIMENSIONS IN THE FIELD, IT IS, THEREFORE, IMPERATIVE THAT THE CONTRACTOR, PRIOR TO COMMENCEMENT OF WORK, TAKE EXACT MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND SHOP DRAWINGS. ALL WORKING DRAWINGS PREPARED BY THE CONTRACTOR SHALL INCLUDE A STATEMENT CERTIFYING THAT THOSE DRAWINGS HAVE BEEN PREPARED IN ACCORDANCE WITH THE FIELD MEASURED DIMENSIONS.

14. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY THE ARCHITECT WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY TO COMPLY WITH THE DOCUMENTS. THE CONTRACTOR SHALL CORRECT ANY AND ALL WORK ARISING 38. REFER TO SHEET E1.2 FOR ELECTRICAL SYMBOLS FROM SUCH FAILURE AND COORDINATE DISCREPANCIES TO LEGEND. THE SATISFACTION OF THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.

15. THE LOCATION OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE DIAGRAMMATIC. THE ALL CLEAN-OUTS ARE TO BE FLUSH TO FLOORS/ WALLS. EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED AT THE PROJECT AND SHALL HAVE THE APPROVAL OF THE OWNER'S WALL CHASE, NOT IN EXTERIOR WALLS. REPRESENTATIVE BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FURNISH AND INSTALL, WITHOUT ADDITIONAL REMUNERATION, ANY COMPONENT NECESSARY TO COMPLETE THE SYSTEMS IN ACCORDANCE WITH THE BEST PRACTICE OF THE TRADE

16. DATA, COMMUNICATION, CABLE, AND SECURITY SYSTEMS ARE PROVIDED BY THE OWNER'S VENDORS. HOWEVER THE ELECTRICAL CONTRACTOR SHALL PROVIDE APPROPRIATE WALL BOXES, CONDUIT WITH PULL STRINGS, ETC. AS REQ'D. FOR ROUGH-IN CONDITIONS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATION OF THESE ITEMS WITH THE OWNER'S VENDORS. ADAAG COMPLIANCE SHALL APPLY.

17. MECHANICAL, ELECTRICAL, AND PLUMBING, ARE SCHEMATIC IN NATURE. THEREFORE, IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE ROUTING OF THESE TRADES, AS WELL AS, THE OWNER'S WORK TO ASSURE THAT THESE SYSTEMS DO NOT CONFLICT WITH THE ARCHITECTURAL AND STRUCTURAL ELEMENTS OF THE BUILDING. IF THE GENERAL CONTRACTOR CANNOT ROUTE THESE ITEMS TO AVOID A CONFLICT. THEN THEY SHALL NOTIFY THE ARCHITECT PRIOR TO STARTING ANY RELATED WORK.

18. CONTRACTOR TO PROTECT ALL NEW WORK DURING CONSTRUCTION AND REPLACE DAMAGED MATERIAL IN KIND.

19. ALL GYPSUM WALL BOARD TO BE TAPED AND SANDED AT INTERSECTION OF CONSTRUCTION (NO "J" MOLD)

20. PROVIDE CORNER BEAD AT ALL EXPOSED GYPSUM WALL BOARD CORNERS.

21. CONTRACTOR SHALL PROVIDE ALL MATERIALS, FABICATION, LABOR AND SUPERVISION, ERECTION EQUIPMENT AND APPLIANCES REQUIRED TO INSTALL ALL EQUIPMENT SHOWN ON DRAWINGS AND AS INDICATED IN THE SPECIFICATIONS.

22. THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL, INCLUDING ALL LABOR, EQUIPMENT, MATERIALS AND PRODUCTS," UNLESS OTHERWISE NOTED.

23. CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OWNER SO THAT THERE IS NO INTERFERENCE WITH

OWNER'S PERSONAL OR WORK SCHEDULE.

24. ALL WORK SHALL COMPLY WITH RULES AND REGULATIONS OF ALL GOVERNMENTAL AGENCIES HAVING

25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACT.

26. SAFE WORKING CONDITIONS AND ALL SAFETY REQUIREMENTS ESTABLISHED BY JURISDICTIONAL AGENCIES AND/OR THE OWNER SHALL BE OBSERVED. WHERE CONFLICTS EXIST, THE MORE STRINGENT REQUIREMENTS SHALL APPLY. CARE MUST BE EXERCISED TO AVOID ENDANGERING PERSONNEL OR THE STRUCTURE.

27. CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL DEBRIS FROM SITE AND LEAVE THE WORK AREA BROOM CLEAN ON A DAILY BASIS AND PROVIDE DUMPSTER SERVICE PLACE DUMPSTERS AS DIRECTED BY THE "OWNER'S REPRESENTATIVE".

28. CONTRACTOR SHALL FURNISH ALL SCAFFOLDING, HOISTING EQUIPMENT AND ANY OTHER EQUIPMENT THAT MAY BE REQUIRED TO PERFORM THE WORK INDICATED IN A SAFE AND ORDERLY MANNER.

29. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE AGAINST DAMAGE TO EXISTING WORK TO REMAIN IN PLACE. ANY DAMAGE TO SUCH WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.

30. THE CONTRACTOR SHALL BE RESPONIBLE FOR SECURING AND PAYING FOR ALL PERMITS AND APPROVALS NECESSARY FOR THE COMPLETION OF THE PROJECT.

31. ALL NEW MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LATEST WRITTEN INSTRUCTIONS AND SPECIFICATIONS.

32. THE CONTRACTOR SHALL COORDINATE ALL FINISHES AND COLOR SELECTIONS WITH THE OWNER.

33. ALL FASTENERS INTO PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED OR STAINLESS STEEL AS RECOMMENDED BY MANUF.

35. REFER TO CIVIL FOR ACTUAL FINISH FLOOR ELEVATION.

FURNISHED ITEMS WITH OWNER BEFORE PROCEEDING WITH

34.G.C. TO VERIFY REQUIREMENTS OF ALL OWNER

FIRST FLOOR ELEVATION IS INDICATED AS 0'-0".

36. ALL GYPSUM BOARD IN CORRIDORS SHALL BE HUNG

VERTICALLY. 37. VINYL CORNER GUARDS TO BE INSTALLED AT ALL

EXTERNAL CORNERS AT PUBLIC AREAS, CORRIDORS.

39. TO THE MAXIMUM EXTENT POSSIBLE, FLOOR CLEAN-OUTS ARE TO BE LOCATED IN INCONPICUOUS LOCATIONS AND NOT IN GUESTROOMS ALL FLOOR CLEAN-OUTS LOCATED IN CARPETED AREAS ARE TO BE FITTED WITH CARPET INSERTS

40. WATER CLOSET WASTE LINES ARE TO BE LOCATED IN

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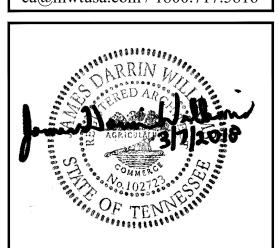
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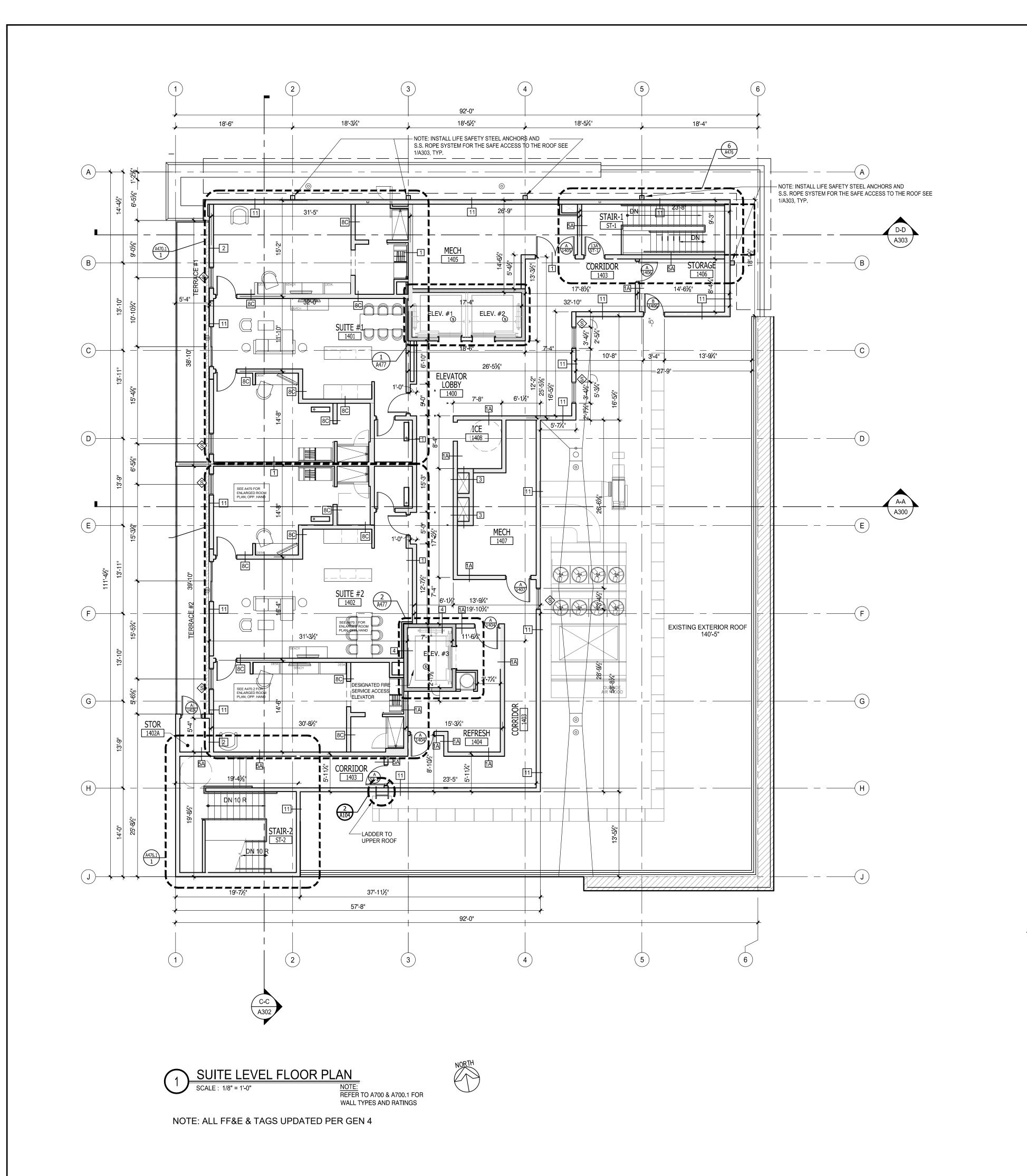
> **ALOFT MEMPHIS DOWNTOWN**

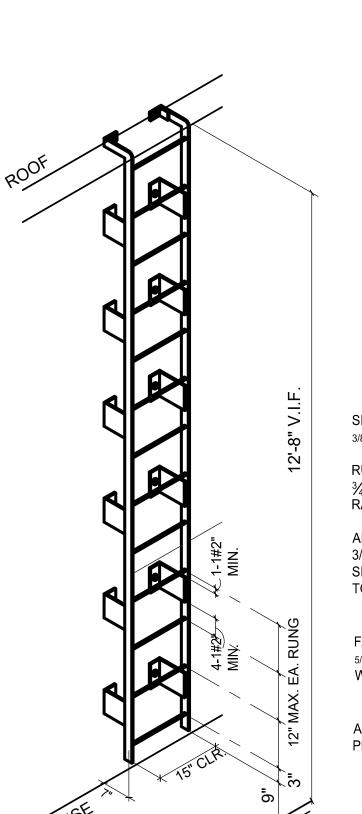
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019 DRAWN BY:

CHKD. BY: MWT

TYPICAL GUEST ROOM FLR PLAN





SIDE RAILS: 3/8" x 2" STL.

RUNGS: $\frac{3}{4}$ " DIA. STL, WELD TO SIDE

ANCHORS: 3/8" x 3" x 8" STEEL ANGLE EACH SIDE @ 6'-0" O.C. MAX. WELDED TO LADDER

FASTENERS: 5/8" DIA. ANCHOR BOLTS INTO WALL BLOCKING OR CONCRETE

ALL STEEL TO BE GALVANIZED, PRIMED & PAINTED

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SYMBOLS LEGEND - GUEST ROOM FLOORS

DOOR TAG

— FLOOR NUMBER

DOOR TAG

REVISION TAG

GUESTROOM WITH

GUESTROOM WITH MOBILITY FEATURES

ADA MANEUVERING

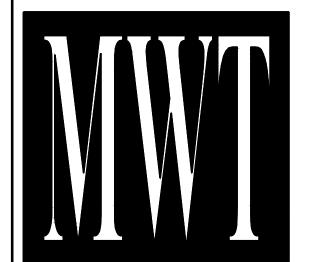
__ _ CLEARANCES

WINDOW TAG (SEE SHEET A601 FOR WINDOW SCHEDULE)

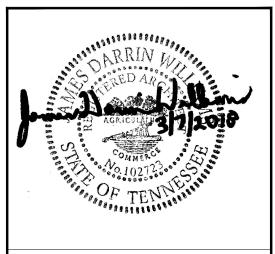
PARTITION / WALL TYPE TAG (SEE SHEET A700 FOR PARTITION)

COMMUNICATION FEATURES

FLOOR NUMBER



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ALOFT MEMPHIS DOWNTOWN

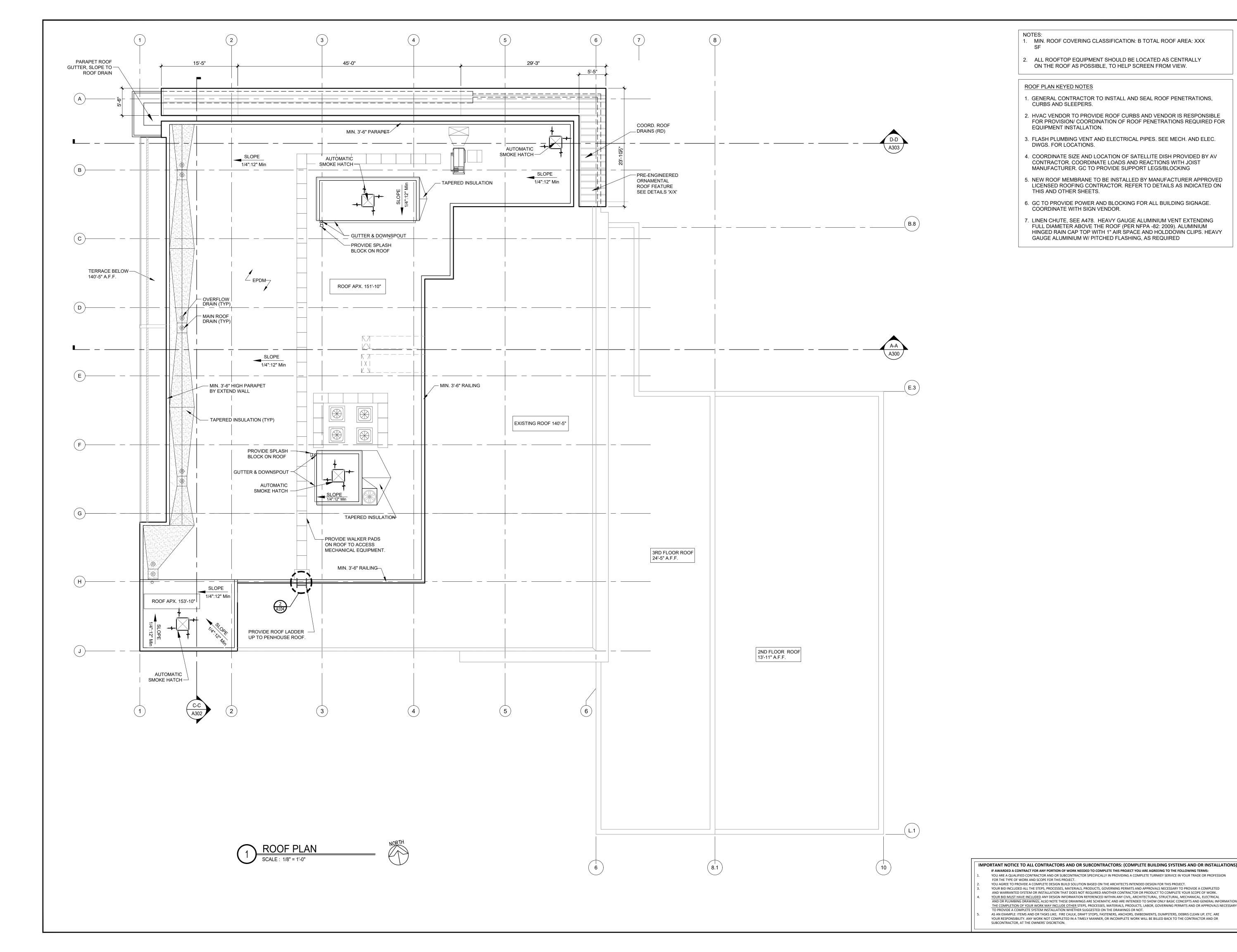
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

CHKD. BY: MWT

DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

PENTHOUSE LEVEI FLOOR PLAN

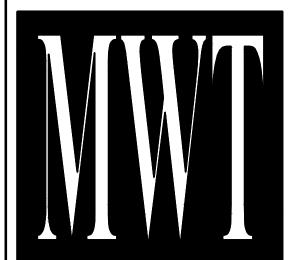


- 1. MIN. ROOF COVERING CLASSIFICATION: B TOTAL ROOF AREA: XXX
- 2. ALL ROOFTOP EQUIPMENT SHOULD BE LOCATED AS CENTRALLY ON THE ROOF AS POSSIBLE, TO HELP SCREEN FROM VIEW.

ROOF PLAN KEYED NOTES

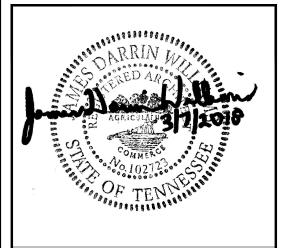
- 1. GENERAL CONTRACTOR TO INSTALL AND SEAL ROOF PENETRATIONS, CURBS AND SLEEPERS.
- 2. HVAC VENDOR TO PROVIDE ROOF CURBS AND VENDOR IS RESPONSIBLE FOR PROVISION/ COORDINATION OF ROOF PENETRATIONS REQUIRED FOR EQUIPMENT INSTALLATION.
- 3. FLASH PLUMBING VENT AND ELECTRICAL PIPES. SEE MECH. AND ELEC. DWGS. FOR LOCATIONS.
- 4. COORDINATE SIZE AND LOCATION OF SATELLITE DISH PROVIDED BY AV CONTRACTOR. COORDINATE LOADS AND REACTIONS WITH JOIST MANUFACTURER. GC TO PROVIDE SUPPORT LEGS/BLOCKING
- 5. NEW ROOF MEMBRANE TO BE INSTALLED BY MANUFACTURER APPROVED LICENSED ROOFING CONTRACTOR. REFER TO DETAILS AS INDICATED ON THIS AND OTHER SHEETS.
- 6. GC TO PROVIDE POWER AND BLOCKING FOR ALL BUILDING SIGNAGE. COORDINATE WITH SIGN VENDOR.
- 7. LINEN CHUTE, SEE A478. HEAVY GAUGE ALUMINIUM VENT EXTENDING FULL DIAMETER ABOVE THE ROOF (PER NFPA -82: 2009). ALUMINIUM HINGED RAIN CAP TOP WITH 1" AIR SPACE AND HOLDDÓWN CLIPS. HEAVY GAUGE ALUMINIUM W/ PITCHED FLASHING, AS REQUIRED

NC). DESCRIPTION	DATE	BY
	ISSUED FOR DEMOLITION	06/09/17	MV
	ISSUED TO FRANCHISE	06/09/17	MV
-	ISSUED FOR BID (ID ONLY)	07/21/17	MV
-	ISSUED TO FRANCHISE	08/17/17	ΜV
	ISSUED FOR PERMIT	08/04/17	ΜV
-	FOR FINAL APPROVAL	10/02/17	ΜV
-	ISSUED FOR PERMIT	11/28/17	ΜV
	RE-ISSUED FOR PERMIT	03/07/18	AN
	REV. DETAILS ON A700.2	06/04/18	AVK
	RE- 90% FRANCHISE COMMENTS	06/04/18	
-			



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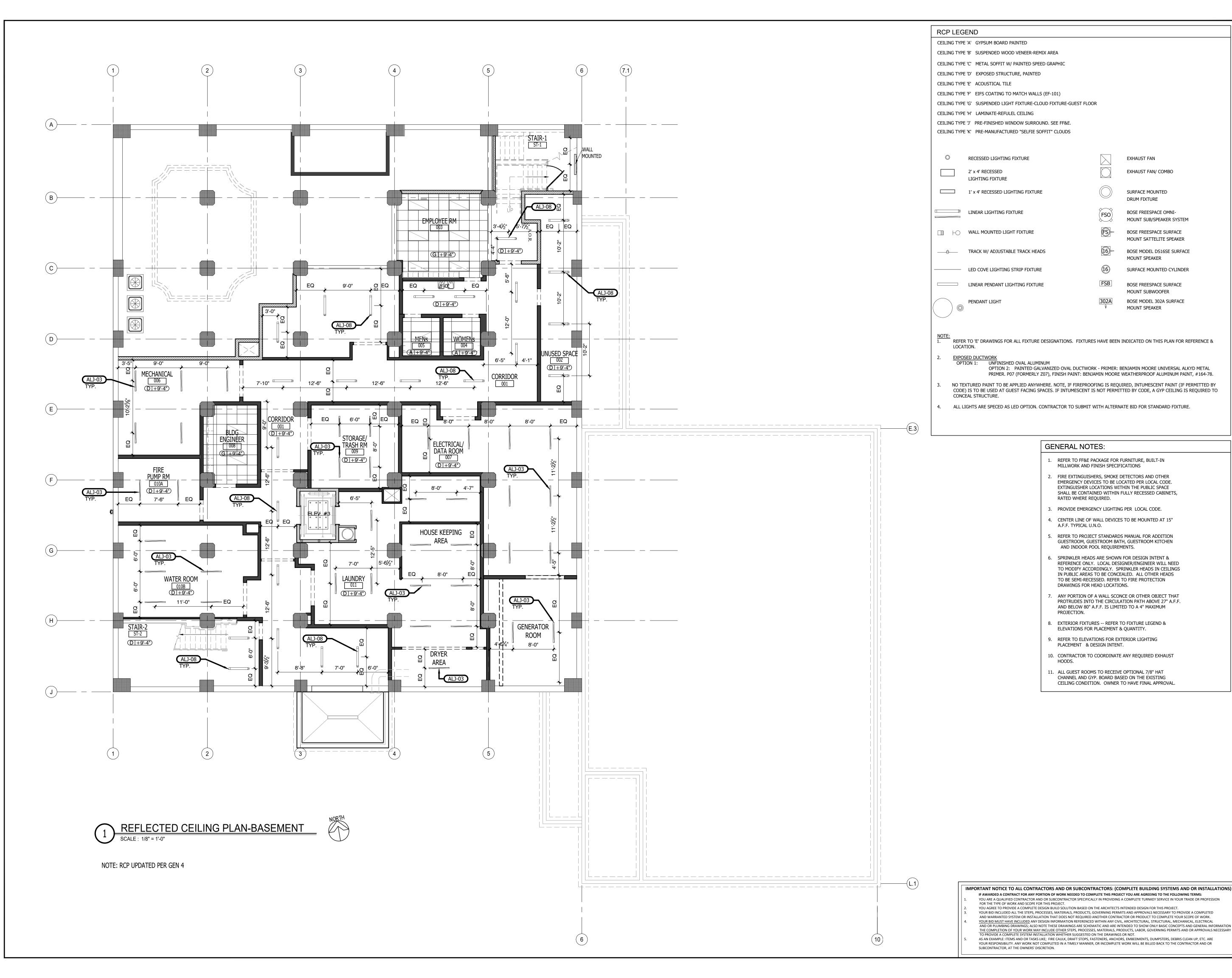
ALOFT MEMPHIS DOWNTOWN

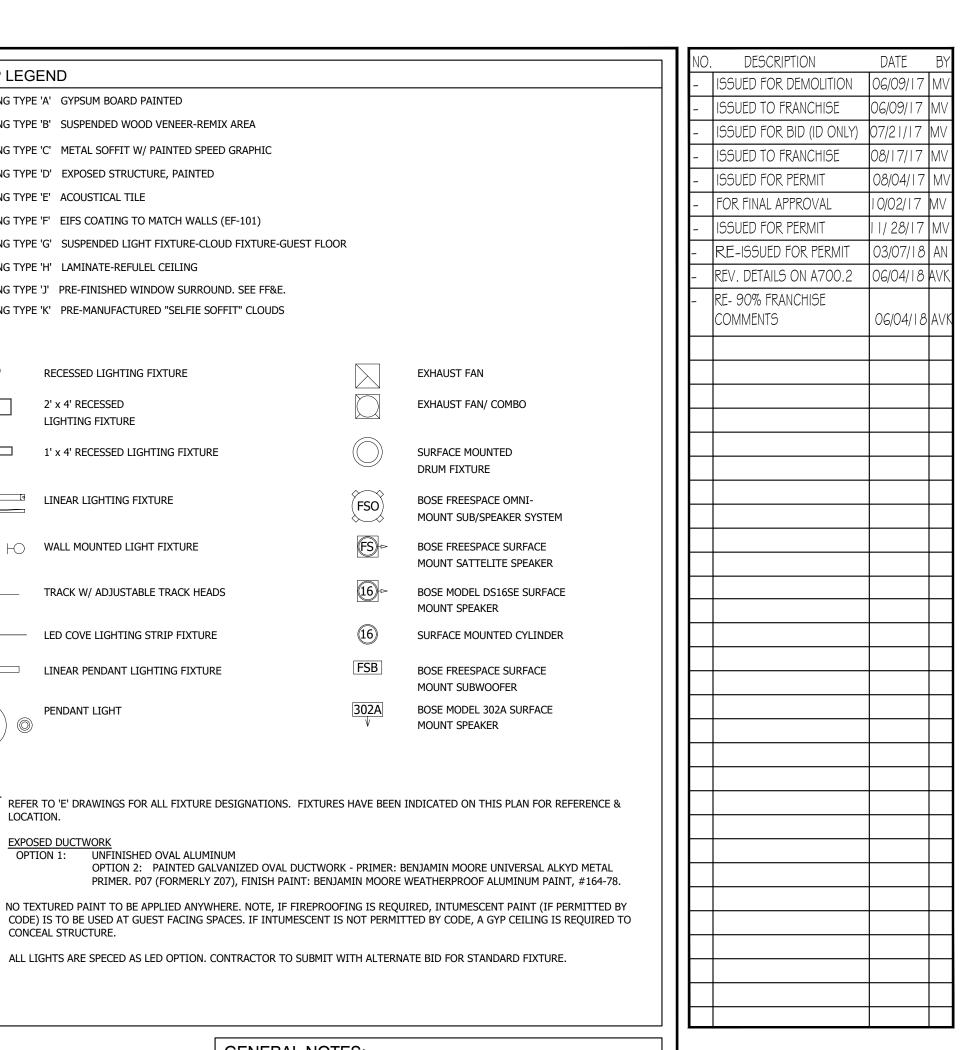
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019 DRAWN BY:

CHKD. BY: MWT

ROOF PLAN





EXHAUST FAN

EXHAUST FAN/ COMBO

SURFACE MOUNTED DRUM FIXTURE

BOSE FREESPACE OMNI-

BOSE FREESPACE SURFACE

BOSE FREESPACE SURFACE

MOUNT SUBWOOFER

MOUNT SPEAKER

GENERAL NOTES:

RATED WHERE REQUIRED.

A.F.F. TYPICAL U.N.O.

PROJECTION.

1. REFER TO FF&E PACKAGE FOR FURNITURE, BUILT-IN

FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE SHALL BE CONTAINED WITHIN FULLY RECESSED CABINETS,

4. CENTER LINE OF WALL DEVICES TO BE MOUNTED AT 15"

5. REFER TO PROJECT STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN

6. SPRINKLER HEADS ARE SHOWN FOR DESIGN INTENT & REFERENCE ONLY. LOCAL DESIGNER/ENGINEER WILL NEED

TO MODIFY ACCORDINGLY. SPRINKLER HEADS IN CEILINGS

IN PUBLIC AREAS TO BE CONCEALED. ALL OTHER HEADS TO BE SEMI-RECESSED. REFER TO FIRE PROTECTION

7. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT

AND BELOW 80" A.F.F. IS LIMITED TO A 4" MAXIMUM

8. EXTERIOR FIXTURES -- REFER TO FIXTURE LEGEND &

10. CONTRACTOR TO COORDINATE ANY REQUIRED EXHAUST

11. ALL GUEST ROOMS TO RECEIVE OPTIONAL 7/8" HAT CHANNEL AND GYP. BOARD BASED ON THE EXISTING CEILING CONDITION. OWNER TO HAVE FINAL APPROVAL.

ELEVATIONS FOR PLACEMENT & QUANTITY.

PLACEMENT & DESIGN INTENT.

9. REFER TO ELEVATIONS FOR EXTERIOR LIGHTING

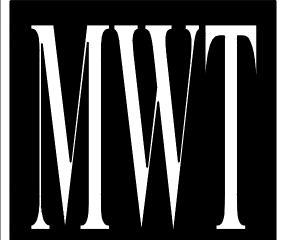
PROTRUDES INTO THE CIRCULATION PATH ABOVE 27" A.F.F.

AND INDOOR POOL REQUIREMENTS.

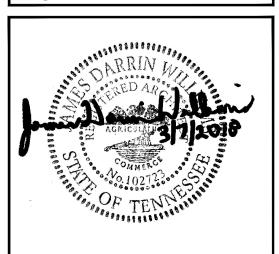
DRAWINGS FOR HEAD LOCATIONS.

MILLWORK AND FINISH SPECIFICATIONS

MOUNT SPEAKER



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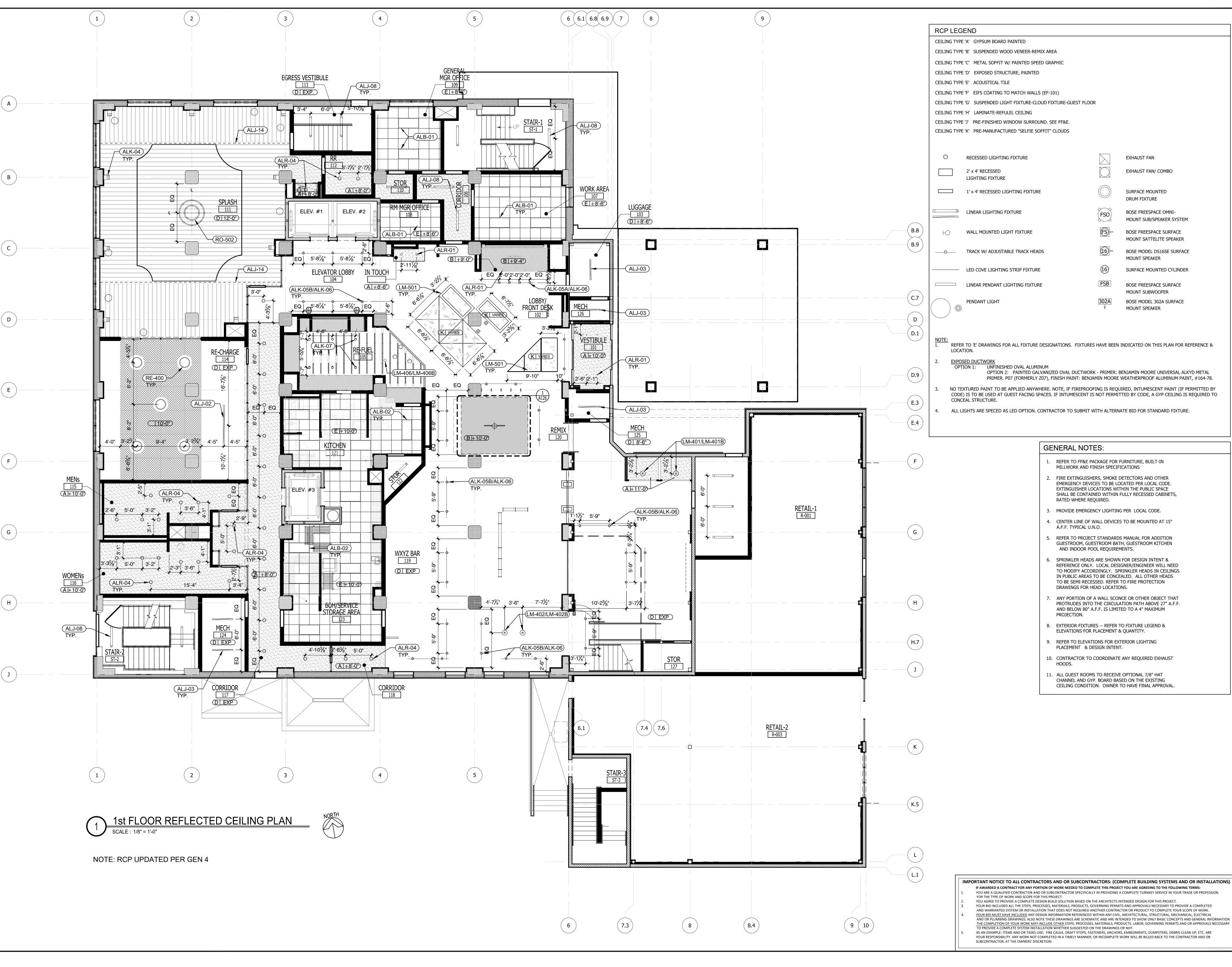
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

REFLECTED CEILING PLAN-**BASEMEN**7

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY
TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.



NO. DESCRIPTION DATE BY
- ISSUED FOR DEMOLITION 06/09/17 MV
- ISSUED FOR DEMOLITION 06/09/17 MV
- ISSUED FOR BID (ID ONLY) 07/21/17 MV
- ISSUED FOR BID (ID ONLY) 07/21/17 MV
- ISSUED FOR PERMIT 08/04/17 MV
- ISSUED FOR PERMIT 11/28/17 MV
- FOR FINAL APPROVAL 10/02/17 MV
- ISSUED FOR PERMIT 03/07/18 AN
- RE-ISSUED FOR PERMIT 03/07/18 AV
- RE-ISSUED FOR PERMIT 03/07/18 AV
I REV. 90% REVIEW COMMENTS 04/24/19 AV
COMMENTS 04/24/19 AV

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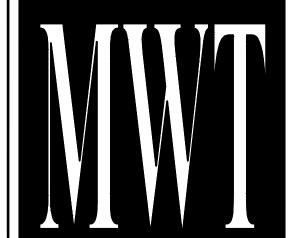
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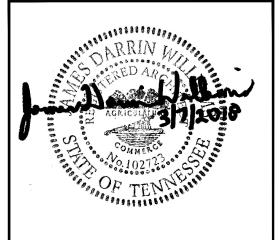
TAR

ALKYD METAL
AZINT, #164-78.

IF PERMITTED BY



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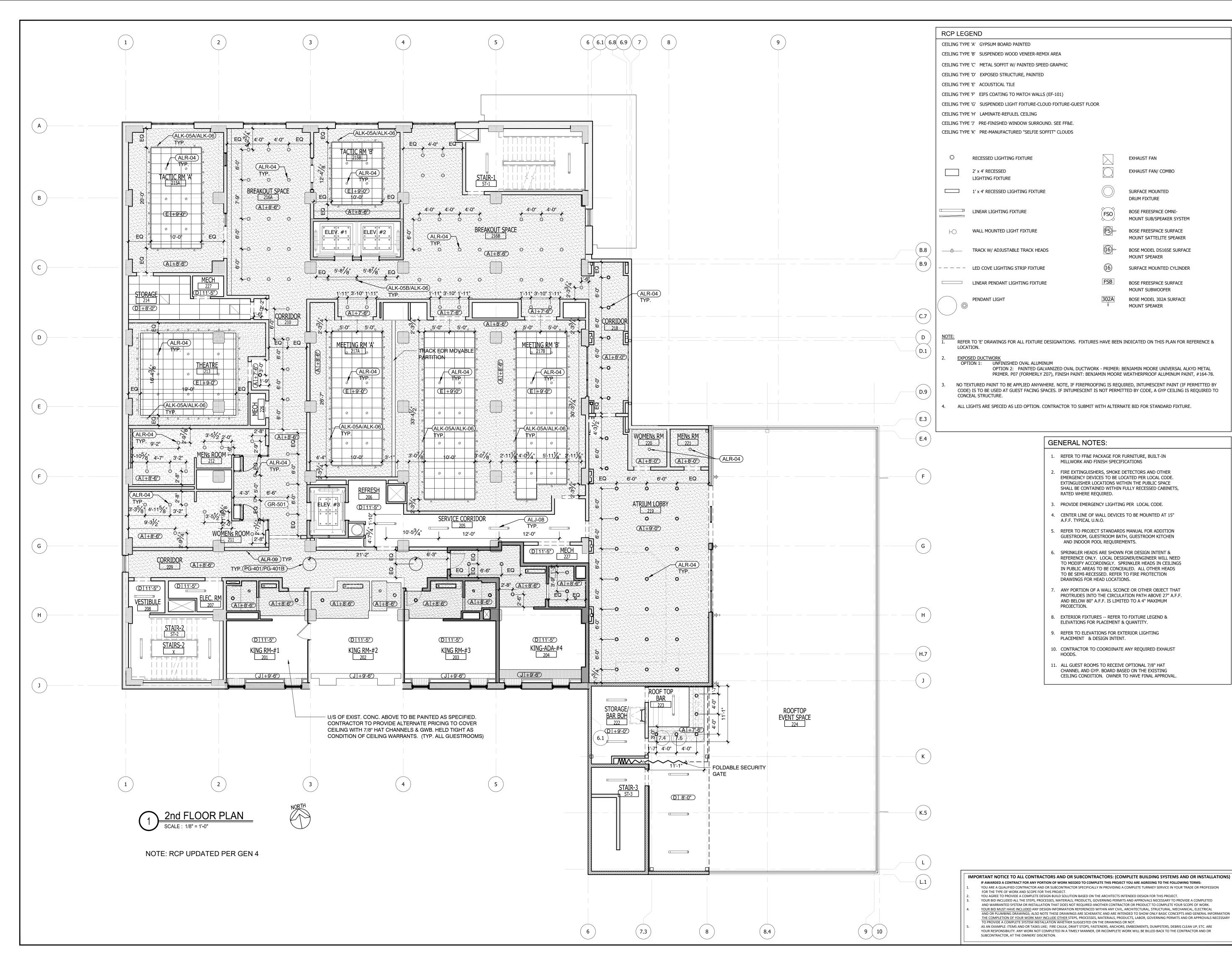
ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

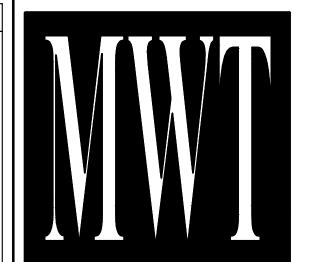
PROJECT NO.: 16 006

DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

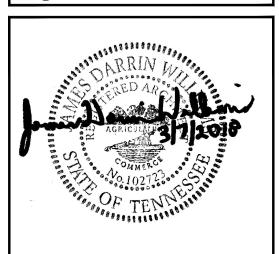
1st FLR
REFLECTED
CEILING PLAN



NO. DESCRIPTION DATE BY
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- ISSUED TO FRANCHISE 06/09/17 MV
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- REV. DETAILS ON A700.2 06/04/18 AVK
I REV. 90% REVIEW
COMMENTS 04/24/19 AVK



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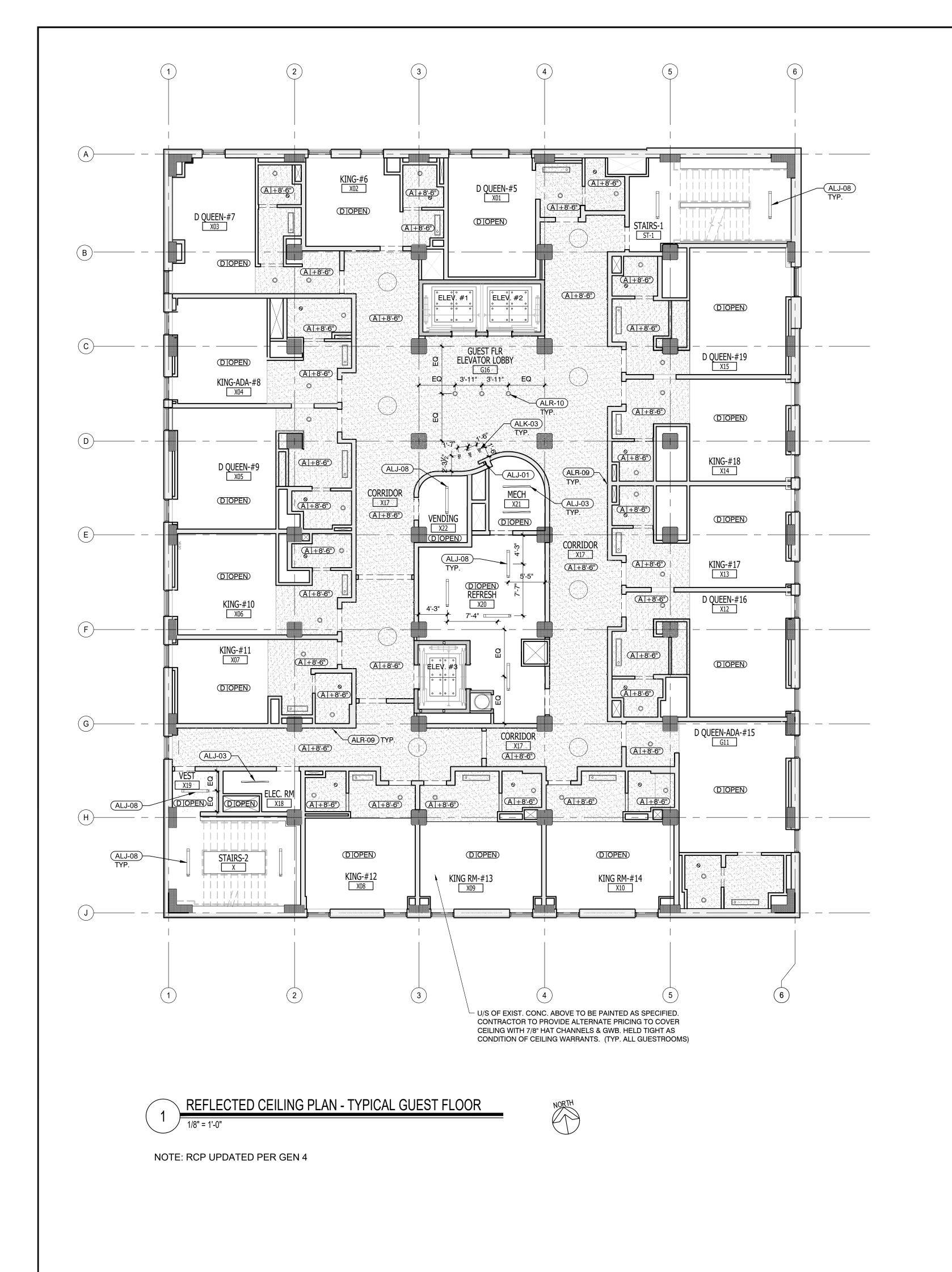
ALOFT MEMPHIS DOWNTOWN

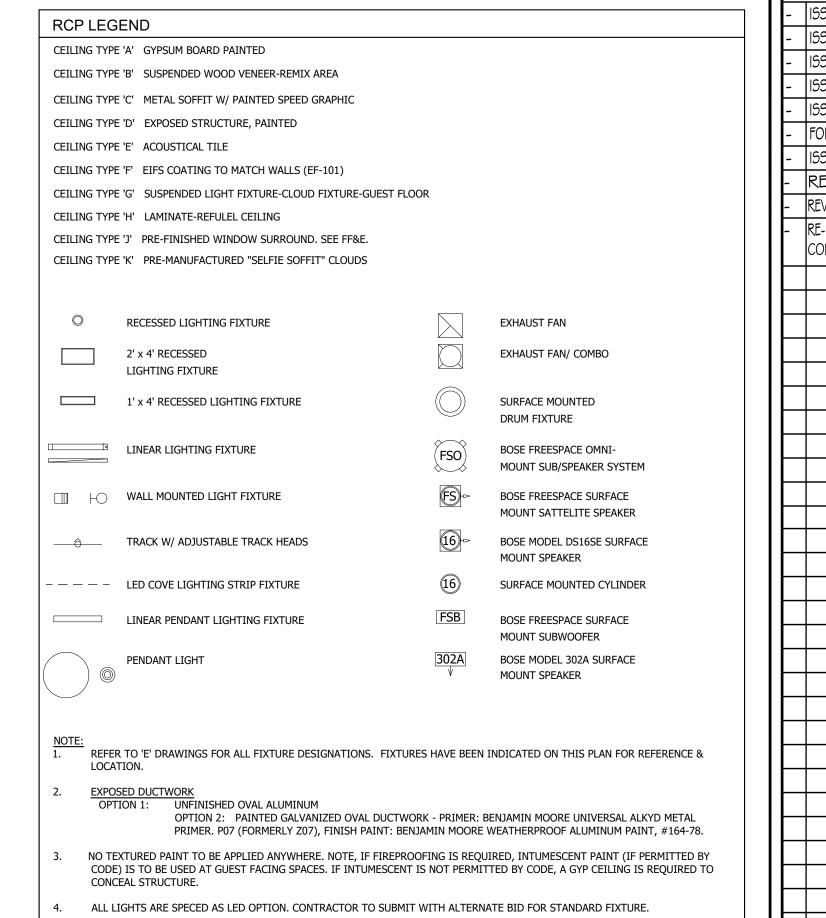
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017

DATE: 8-4-2017
DRAWN BY: RS, BS, MV,AN
CHKD. BY: MWT

2nd FLR
REFLECTED
CEILING PLAN
HEET A 122





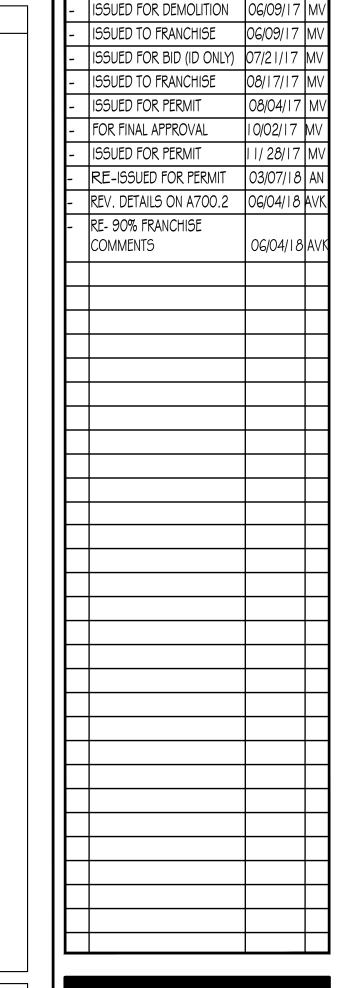
GENERAL NOTES:

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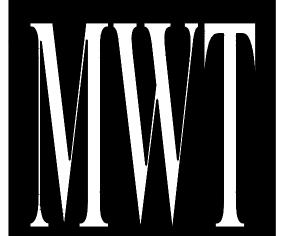
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- 2. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. EXTINGUISHER LOCATIONS WITHIN THE PUBLIC SPACE

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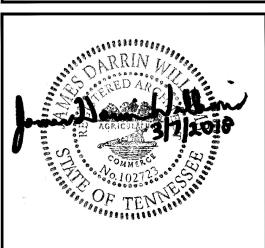
- 3. PROVIDE EMERGENCY LIGHTING PER LOCAL CODE.
- 4. CENTER LINE OF WALL DEVICES TO BE MOUNTED AT 15" A.F.F. TYPICAL U.N.O.
- 5. REFER TO PROJECT STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS.
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- 7. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT PROTRUDES INTO THE CIRCULATION PATH ABOVE 27" A.F.F. AND BELOW 80" A.F.F. IS LIMITED TO A 4" MAXIMUM PROJECTION.
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- 10. CONTRACTOR TO COORDINATE ANY REQUIRED EXHAUST
- 11. ALL GUEST ROOMS TO RECEIVE OPTIONAL 7/8" HAT CHANNEL AND GYP. BOARD BASED ON THE EXISTING CEILING CONDITION. OWNER TO HAVE FINAL APPROVAL.



DESCRIPTION



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

REFLECTED
CEILING PLANTYP GUEST FLOOR

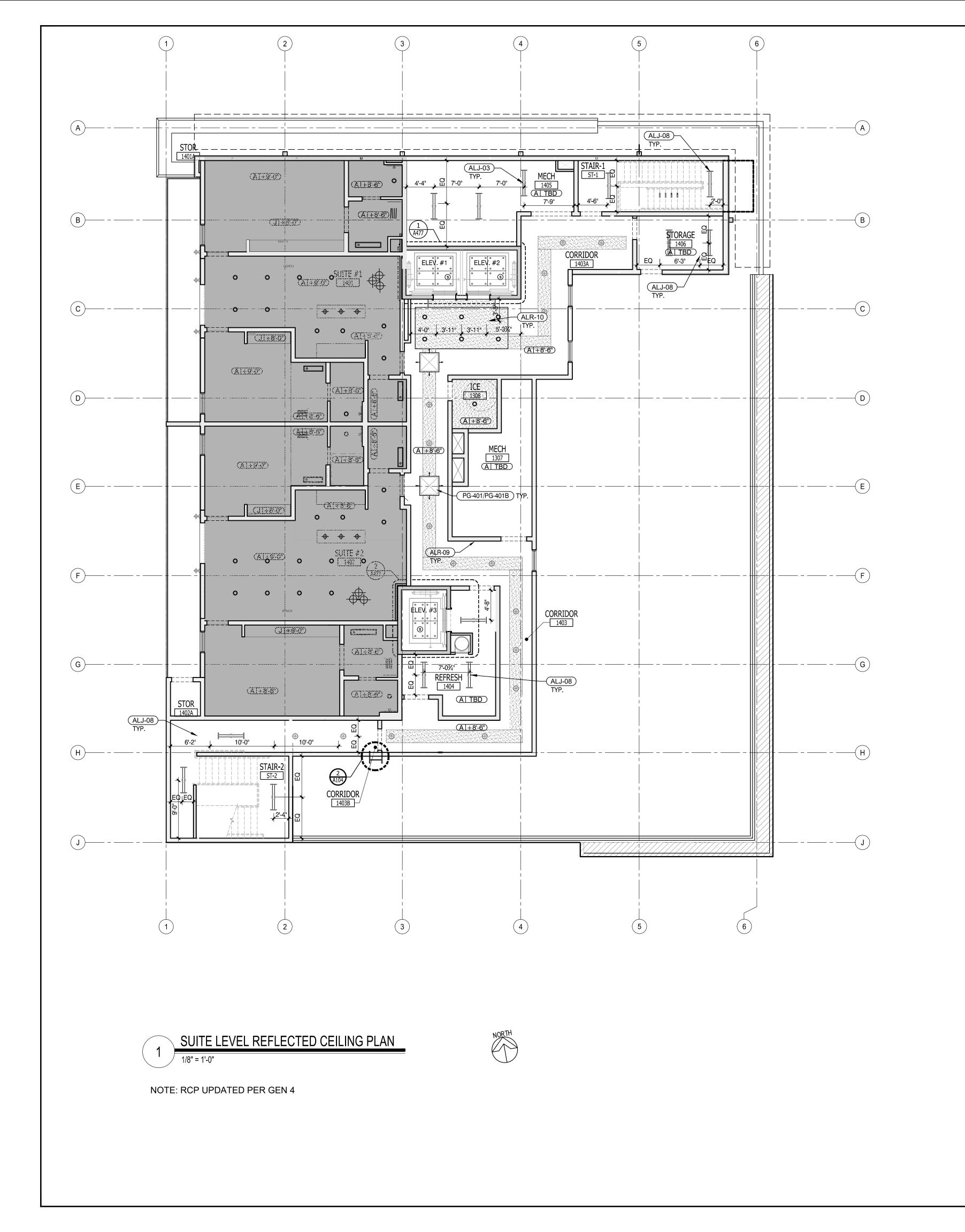
IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.
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RCP LEGEND CEILING TYPE 'A' GYPSUM BOARD PAINTED CEILING TYPE 'B' SUSPENDED WOOD VENEER-REMIX AREA CEILING TYPE 'C' METAL SOFFIT W/ PAINTED SPEED GRAPHIC CEILING TYPE 'D' EXPOSED STRUCTURE, PAINTED CEILING TYPE 'E' ACOUSTICAL TILE CEILING TYPE 'F' EIFS COATING TO MATCH WALLS (EF-101) CEILING TYPE 'G' SUSPENDED LIGHT FIXTURE-CLOUD FIXTURE-GUEST FLOOR CEILING TYPE 'H' LAMINATE-REFULEL CEILING CEILING TYPE 'J' PRE-FINISHED WINDOW SURROUND. SEE FF&E. CEILING TYPE 'K' PRE-MANUFACTURED "SELFIE SOFFIT" CLOUDS RECESSED DOWNLIGHT EXTERIOR WALL MOUNTED LIGHT FIXTURE 2'x2' FLUORESCENT LIGHT FIXTURE RECESSED WALLWASHER 4' FLUORESCENT WALL MOUNTED STRIP LIGHT FIXTURE 4' FLUORESCENT STRIP LAY-IN LIGHT FIXTURE 2'x4' FLUORESCENT LAY-IN FIXTURE **— — —** STRIP LIGHTING CORRIDOOR PENDANT LIGHT FIXTURE - B 000 PENDANT SURFACE MOUNTED FLUORESCENT FIXTURE ☐ RECESSED LED DECROTIVE PENDANT EXTERIOR UPLIGHT PENDANT (2 WAY) EXTERIOR UPLIGHT PENDANT (SINGLE) - DECORATIVE LIGHT BOX RB RECESSED WALL LIGHT @ 18" A.F.F. PROTOTYPE LIGHT BOX/ FLUORESCENT CHANDELIER PENDANT LA A A HUNG TRACK WITH HEADS 1. REFER TO 'E' DRAWINGS FOR ALL FIXTURE DESIGNATIONS. FIXTURES HAVE BEEN INDICATED ON THIS PLAN FOR REFERENCE & LOCATION. OPTION 1: UNFINISHED OVAPANTIMUMOTES: OPTION 2: PAINTED GALVANIZED OYAL PUCTWORK IN PRIMER: BENJAMIN MOORE UNIMEDERALDALLIEN DIMETALDER IMER. P07 (FORMERLY Z01), FINISH PAINT: BENJAMIN MOORE WEATHERPROOF ALUMINUM PAINT, #164ex Sency Devices to be located per local code. 3. NO TEXTURED PAINT TO BE APPENDIO AND WANT WHO THE PRINCE PROOFING IS REQUIRED, INTUMESCENT PAINT HERE WANTED WITH BUT BY CODE, IS TO BE USED AT GUEST FACING SPACES. IF INTUMESCENT IS NOT PERMITTED BY CODE, A GYP CEILING IS REQUIRED TO CONCERPUST FROM SET USE LOCAL CODE. 4. ALL LIGHTS ARE SPECED AS LEDCOPPTION OF CONTRACT OR THE MITH ALTERNATE BID FOR STANDARD 行家TURE U.N.O. 5. REFER TO PROJECT STANDARDS MANUAL FOR ADDITION GUESTROOM, GUESTROOM BATH, GUESTROOM KITCHEN AND INDOOR POOL REQUIREMENTS. 6. SPRINKLER HEADS ARE SHOWN FOR DESIGN INTENT & REFERENCE ONLY. LOCAL DESIGNER/ENGINEER WILL NEED TO MODIFY ACCORDINGLY. SPRINKLER HEADS IN CEILINGS IN PUBLIC AREAS TO BE CONCEALED. ALL OTHER HEADS TO BE SEMI-RECESSED. REFER TO FIRE PROTECTION HOTELS/ HOUSING/ MIXED USE DRAWINGS FOR HEAD LOCATIONS. ANY PORTION OF A WALL SCONCE OR OTHER OBJECT THAT PROTRUDES INTO THE CIRCULATION PATH ABOVE 27" A.F.F. AND BELOW 80" A.F.F. IS LIMITED TO A 4" MAXIMUM

- 8. EXTERIOR FIXTURES -- REFER TO FIXTURE LEGEND & ELEVATIONS FOR PLACEMENT & QUANTITY.
- 9. REFER TO ELEVATIONS FOR EXTERIOR LIGHTING PLACEMENT & DESIGN INTENT.
- 10. CONTRACTOR TO COORDINATE ANY REQUIRED EXHAUST
- HOODS. 11. ALL GUEST ROOMS TO RECEIVE OPTIONAL 7/8" HAT

CHANNEL AND GYP. BOARD BASED ON THE EXISTING CEILING CONDITION. OWNER TO HAVE FINAL APPROVAL.

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ARCHITECTURE

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ISSUED FOR DEMOLITION

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SSUED TO FRANCHISE

SSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

REV. 90% REVIEW

COMMENTS

RE-ISSUED FOR PERMIT

REV. DETAILS ON A700.2 | 06/04/18

SUED FOR BID (ID ONLY)

ALOFT DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 8-4-2017

DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

SUITE LEVEL REFLECTED **CEILING PLAN**

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS) IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION

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SUSPENDED ACOUSTICAL CEILING NOTES

NOTE: 2012 IBC Sec 808 refers to the ASTM C 635 AND ASTM C 636 for the installation of suspended acoustical ceiling systems. Compliance with The American Society of Civil Engineers Standard ASCE 7-05 Sec 13 and CISCA is also required.

THESE RECOMMENDATIONS ARE INTENDED FOR SUSPENDED CEILINGS INCLUDING GRID, PANEL OR TILE LIGHT FIXTURES AND AIR TERMINALS WEIGHING NO MORE THAN 4 POUNDS PER SQUARE FOOT.

PARTITIONS THAT ARE TIED TO THE CEILING AND ALL PARTITIONS GREATER THAN 6'-0" IN HEIGHT SHALL BE

SHALL BE INDEPENDENT OF THE CEILING SPLAY BRACING SYSTEM. ALL MAIN BEAMS ARE TO BE HEAVY DUTY (HD).

LATERALLY BRACED TO THE STRUCTURE. BRACING

ALL CROSS TEES SHALL BE CAPABLE OF CARRYING THE DESIGN LOAD WITHOUT EXCEEDING DEFLECTION EQUAL TO 1/360 OF ITS SPAN.

CEILINGS CONSTRUCTED OF LATHE AND PLASTER OR GWB, SCREW OR NAIL ATTACHED TO SUSPENDED MEMBERS THAT SUPPORT A CEILING ON ONE LEVEL EXTENDING FROM WALL TO WALL SHALL BE EXEMPT FROM THE LATERAL FORCE BRACING REQUIREMENTS.

BOTTOM OF TYPICAL -

2x WOOD STUDS

FINISHED GWB

CEILING - SEE

PLAN FOR

HEIGHT

FLOOR/CEILING

ASSEMBLY

LATERAL FORCE BRACING IS REQUIRED FOR CEILINGS OVER 1,000 S.F. AND NOT REQUIRED FOR CEILINGS LESS THAN 1.000 S.F. PROVIDED THEY ARE SURROUNDED BY FOUR WALLS AND BRACED TO STRUCTURE.

(COMPRESSION POSTS) AND SPLAY WIRES. RIGID BRACES ARE PERMITTED TO BE USED INSTEAD OF

DIAGONAL SPLAY WIRES FOR HORIZONTAL RESTRAINT.

Braces and attachments to the structural system above shall be adequate to limit relative lateral deflections to less than .25" for the loads prescribed in ASCE 7-05 Section 13.3.1.

CHANGES IN CEILING PLANES WILL REQUIRE POSITIVE

ALL WIRE TIES ARE TO BE THREE TIGHT TURNS AROUND ITSELF WITHIN 3". 12 GA. HANGER WIRE SPACED 4'-0" O.C. LATERAL FORCE BRACING SHALL BE 12'-0" O.C. MAX. AND BEGIN NO FARTHER THAN 6'-0" FROM WALLS.

SPLAY WIRES ARE TO BE (4) 12 GA. WIRES ATTACHED TO THE MAIN BEAM. WIRES ARE ARRAYED 90° FROM EACH OTHER AND AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING.

SPLAY WIRES ARE TO BE WITHIN 2" OF THE CONNECTION OF THE VERTICAL STRUT TO SUSPENDED CEILING.

RIGID BRACING MAY BE USED IN LIEU OF SPLAY WIRES.

CEILINGS WITH PLENUMS LESS THAN 12" TO STRUCTURE ARE NOT REQUIRED TO HAVE LATERAL FORCE BRACING.

VERTICAL STRUTS MUST BE POSITIVELY ATTACHED TO THE SUSPENSION SYSTEMS AND THE STRUCTURE ABOVE.

FINISHED ACT

CEILING - SEE

PLAN FOR

HEIGHT

LATERAL FORCE BRACING IS THE USE OF VERTICAL STRUTS THE VERTICAL STRUT MAY BE EMT CONDUIT, METAL STUDS OR A PROPRIETARY COMPRESSION POST.

> WALL MOLDINGS (PERIMETER CLOSURE ANGLES) ARE REQUIRED TO HAVE A HORIZONTAL FLANGE 2" WIDE, UNLESS ALTERNATE METHODS ARE APPROVED PRIOR TO INSTALLATION BY THE LOCAL BUILDING DEPARTMENT AND THE DESIGNER OF RECORD. ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE WALL MOLDING, THE OTHER END SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND FREE TO SLIDE.

(POP RIVETS OR APPROVED METHOD).

THERE SHALL BE A MINIMUM 3/4" CLEARANCE FROM THE END OF THE GRID SYSTEM AT UNATTACHED WALLS.

SPREADER (SPACER) BARS OR OTHER MEANS APPROVED BY LOCAL BUILDING DEPARTMENT SHALL BE USED TO PREVENT THE ENDS OF THE MAIN BEAMS AT PERIMETER WALLS FROM SPREADING OPEN DURING A SEISMIC EVENT. PERIMETER WIRES SHALL NOT BE IN LIEU OF SPREADER BARS.

OR 10 GA. SPACED 5'-0" O.C.

SPREADER BARS ARE NOT REQUIRED IF A 90° INTERSECTING CROSS OR MAIN IS WITHIN 8" OF THE PERIMETER WALL.

HANGER AND PERIMETER WIRES MUST BE PLUMB WITHIN 1 IN 6 UNLESS COUNTER SLOPING WIRES ARE PROVIDED. HANGER WIRES SHALL BE 12 GA. AND SPACED 4'-0" O.C.

ANY CONNECTION DEVICE AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 100 POUNDS.

FOR ESSENTIAL FACILITIES, HANGER WIRE CONNECTIONS PENDANT MOUNTED FIXTURES SHALL BE DIRECTLY MUST BE CAPABLE OF CARRYING 200 POUNDS AND BRACING (SPLAY) WIRES SHALL BE CAPABLE OF CARRYING 440 POUNDS. SHOT-IN ANCHORS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES.

BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTOR OF 2, WHICHEVER IS GREATER.

POWDER DRIVEN FASTENERS MUST BE APPROVED FOR THE APPROPRIATE LOADING.

TERMINAL ENDS OF EACH MAIN BEAM AND CROSS TEE MUST BE SUPPORTED WITHIN 8" OF EACH WALL WITH A PERIMETER WIRE.

WIRE TYING IS AN ACCEPTABLE ALTERNATIVE TO SPREADER BARS. HAVE ONE 12 GA. HANGER WIRE CONNECTED FROM THE FIXTURE TO THE STRUCTURE ABOVE. THIS WIRE MAY

LIGHT FIXTURES WEIGHING MORE THE 10 POUNDS AND

LESS THAN 56 POUNDS SHALL HAVE TWO 12 GA. WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHT FIXTURES TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.

EDGE OF WALL ----

8" OF WALL

3/4" MIN. AT —

SPREADER BAR

UNATTACHED WALLS

WALL MOULDING-

CLOSURE ANGLE

LIGHT FIXTURES WEIGHING MORE THAN 56 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE. THESE WIRES MUST BE TAUT.

SUPPORTED FROM THE STRUCTURE ABOVE USING A 9 GA. WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.

TANDEM FIXTURES MAY UTILIZE COMMON WIRES.

MECHANICAL TERMINALS OR SERVICES WEIGHING 20 POUNDS BUT NOT MORE THAN 56 POUNDS MUST HAVE TWO 12 GA. WIRES CONNECTING THEM TO THE CEILING SYSTEM HANGERS OR THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.

MECHANICAL TERMINALS OR SERVICES WEIGHING MORE THAN 56 POUNDS MUST BE INDEPENDENTLY SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE. THESE WIRES MUST BE TAUT.

LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT WALL PARTITION THAT BEAKS THE CEILING SHALL BE PROVIDED UNLESS ANALYSES ARE PERFORMED OF THE CEILINGS BRACING SYSTEM, CLOSURE ANGLES AND PENETRATIONS TO PROVIDE SUFFICIENT CLEARANCE.

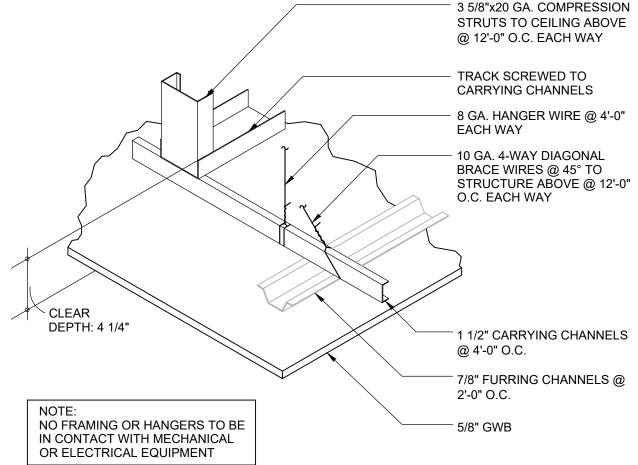
> SPECIAL INSPECTIONS MAY BE REQUIRED BY THE JURISDICTION OR MUNICIPALITY. CONTACT THE LOCAL BUILDING DEPARTMENT.

> > — PLUMB WITHIN 1 IN 6

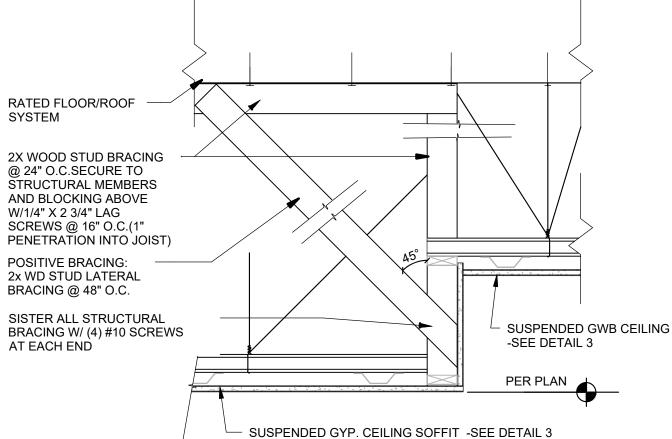
- BEAM OR CROSS TEE

PERIMETER SUPPORT WIRE

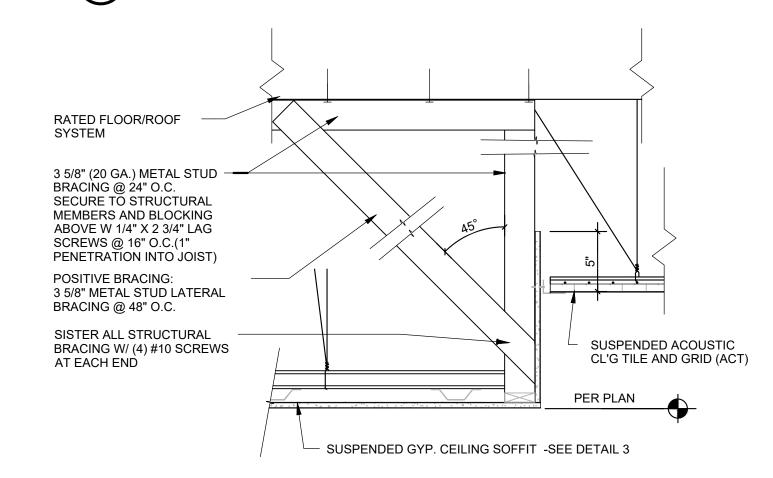
FOR CEILINGS WITHOUT RIGID BRACING, SPRINKLER HEAD PENETRATIONS SHALL HAVE A 2" OVERSIZE RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF AT LEAST 1" IN ALL HORIZONTAL DIRECTIONS. FLEXIBLE HEAD DESIGN THAT CAN ACCOMMODATE 1" FREE MOVEMENT SHALL BE PERMITTED AS AN ALTERNATE.



DROPPED GYPSUM BOARD CEILING



CEILING ELEVATON TRANSITION-GWB TO GWB

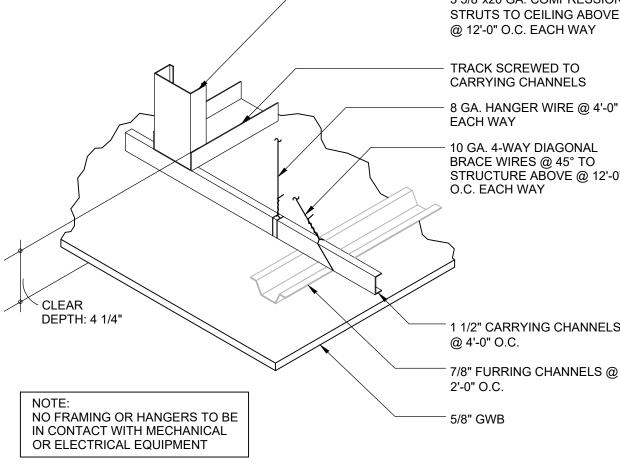


CEILING ELEVATON TRANSITION-GWB TO ACT SCALE :1-1/2" = 1'-0"

SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATIC THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSA TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY, ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR



URBAN PLANNING INTERIORS HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816

ARCHITECTURE

DESCRIPTION

ISSUED FOR DEMOLITION

SSUED TO FRANCHISE

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

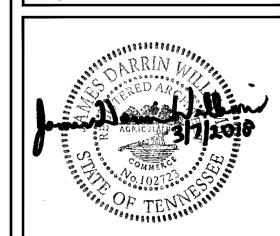
RE-ISSUED FOR PERMIT

REV. DETAILS ON A700.2

SSUED FOR BID (ID ONLY)

DATE

106/09/1



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER O REPRODUCE THESE DRAWINGS IN ANY WAY

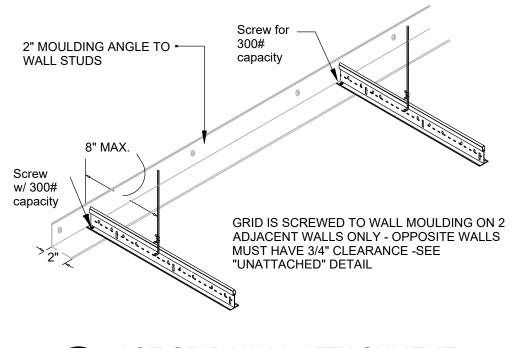
ALOFT **MEMPHIS DOWNTOWN**

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

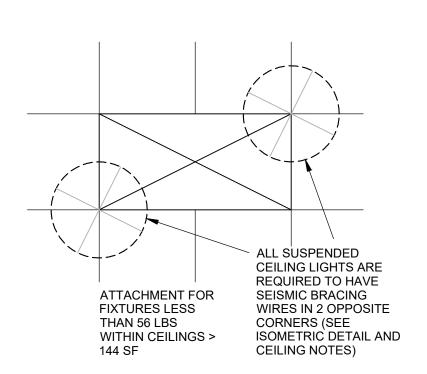
CEILING DETAILS



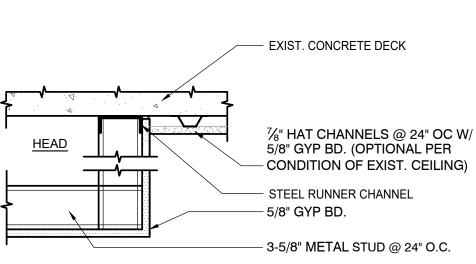
ACT 2" ANGLE AT ATTACHED EDGE

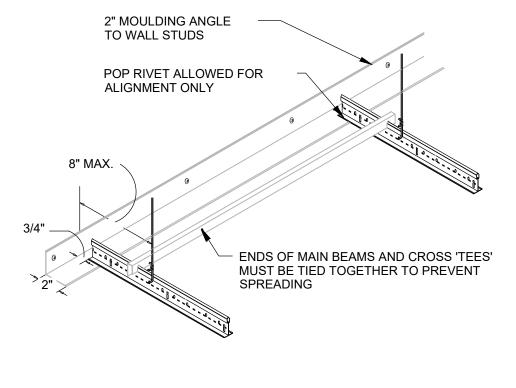
8" MAX

0 0 0



RECESSED LIGHT BRACE IN SUSP ACT



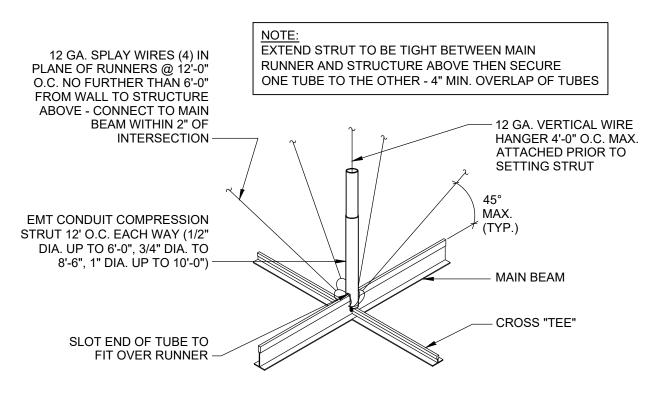


CEILING DETAIL-TYP GUEST CORRIDOR-FLUSH TRANSITION

SCALE :1-1/2" = 1'-0"

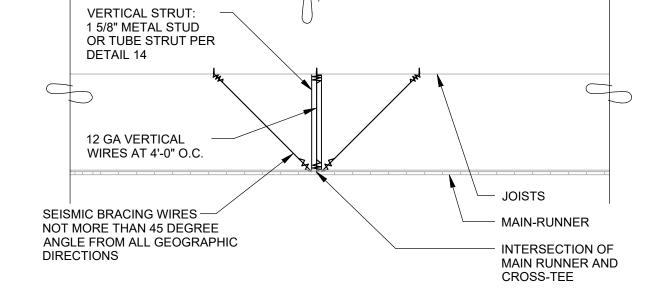
ACT GRID UNATTACHED EDGE

SCALE :1-1/2" = 1'-0"

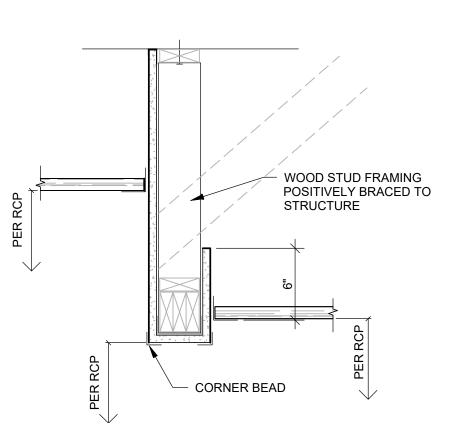


SUPPORT ENDS OF RUNNERS WITHIN 8" OF SURROUNDING PERIMETER WALL OR CEILING DISCONTINUITY. LOOP WIRES AND TWIST 3 TIMES AROUND ITSELF WITHIN 3". WIRES TO BE PLUMB WITHIN 1 IN 6



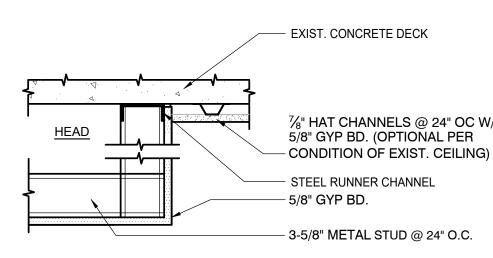


ACT GRID BRACING- ELEVATION



CEILING ELEVATON TRANSITION-BULHEAD AT ACT

SCALE :1-1/2" = 1'-0"



TYPICAL GWB SOFFIT TO EXIST. CEILING

SUSPENDED ACOUSTICAL CEILING NOTES

NOTE: 2012 IBC Sec 808 refers to the ASTM C 635 AND ASTM C 636 for the installation of suspended acoustical ceiling systems. Compliance with The American Society of Civil Engineers Standard ASCE 7-05 Sec 13 and CISCA is also required.

THESE RECOMMENDATIONS ARE INTENDED FOR SUSPENDED CEILINGS INCLUDING GRID, PANEL OR TILE, LIGHT FIXTURES AND AIR TERMINALS WEIGHING NO MORE THAN 4 POUNDS PER SQUARE FOOT.

PARTITIONS THAT ARE TIED TO THE CEILING AND ALL PARTITIONS GREATER THAN 6'-0" IN HEIGHT SHALL BE LATERALLY BRACED TO THE STRUCTURE. BRACING SHALL BE INDEPENDENT OF THE CEILING SPLAY BRACING SYSTEM.

ALL MAIN BEAMS ARE TO BE HEAVY DUTY (HD).

ALL CROSS TEES SHALL BE CAPABLE OF CARRYING THE DESIGN LOAD WITHOUT EXCEEDING DEFLECTION EQUAL TO 1/360 OF ITS SPAN.

CEILINGS CONSTRUCTED OF LATHE AND PLASTER OR GWB, SCREW OR NAIL ATTACHED TO SUSPENDED MEMBERS THAT SUPPORT A CEILING ON ONE LEVEL EXTENDING FROM WALL TO WALL SHALL BE EXEMPT FROM THE LATERAL FORCE BRACING REQUIREMENTS.

LATERAL FORCE BRACING IS REQUIRED FOR CEILINGS OVER 1,000 S.F. AND NOT REQUIRED FOR CEILINGS LESS THAN 1,000 S.F. PROVIDED THEY ARE SURROUNDED BY FOUR WALLS AND BRACED TO STRUCTURE.

LATERAL FORCE BRACING IS THE USE OF VERTICAL STRUTS (COMPRESSION POSTS) AND SPLAY WIRES.

RIGID BRACES ARE PERMITTED TO BE USED INSTEAD OF DIAGONAL SPLAY WIRES FOR HORIZONTAL RESTRAINT. Braces and attachments to the structural system above shall be adequate to limit relative lateral deflections to less than .25" for the loads prescribed in ASCE 7-05 Section 13.3.1.

CHANGES IN CEILING PLANES WILL REQUIRE POSITIVE

ALL WIRE TIES ARE TO BE THREE TIGHT TURNS AROUND ITSELF WITHIN 3". 12 GA. HANGER WIRE SPACED 4'-0" O.C. LATERAL FORCE BRACING SHALL BE 12'-0" O.C. MAX. AND BEGIN NO FARTHER THAN 6'-0" FROM WALLS.

SPLAY WIRES ARE TO BE (4) 12 GA. WIRES ATTACHED TO THE MAIN BEAM. WIRES ARE ARRAYED 90° FROM EACH OTHER AND AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING.

SPLAY WIRES ARE TO BE WITHIN 2" OF THE CONNECTION OF THE VERTICAL STRUT TO SUSPENDED CEILING.

RIGID BRACING MAY BE USED IN LIEU OF SPLAY WIRES.

ARE NOT REQUIRED TO HAVE LATERAL FORCE BRACING. VERTICAL STRUTS MUST BE POSITIVELY ATTACHED TO THE SUSPENSION SYSTEMS AND THE STRUCTURE ABOVE.

CEILINGS WITH PLENUMS LESS THAN 12" TO STRUCTURE

THE VERTICAL STRUT MAY BE EMT CONDUIT, METAL STUDS OR A PROPRIETARY COMPRESSION POST.

> WALL MOLDINGS (PERIMETER CLOSURE ANGLES) ARE REQUIRED TO HAVE A HORIZONTAL FLANGE 2" WIDE, UNLESS ALTERNATE METHODS ARE APPROVED PRIOR TO INSTALLATION BY THE LOCAL BUILDING DEPARTMENT AND THE DESIGNER OF RECORD. ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE WALL MOLDING, THE OTHER END SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND FREE TO SLIDE.

(POP RIVETS OR APPROVED METHOD).

PERIMETER WALL.

THERE SHALL BE A MINIMUM 3/4" CLEARANCE FROM THE END OF THE GRID SYSTEM AT UNATTACHED WALLS.

SPREADER (SPACER) BARS OR OTHER MEANS APPROVED BY LOCAL BUILDING DEPARTMENT SHALL BE USED TO PREVENT THE ENDS OF THE MAIN BEAMS AT PERIMETER WALLS FROM SPREADING OPEN DURING A SEISMIC EVENT. PERIMETER WIRES SHALL NOT BE IN LIEU OF SPREADER BARS.

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HANGER AND PERIMETER WIRES MUST BE PLUMB WITHIN 1 IN 6 UNLESS COUNTER SLOPING WIRES ARE PROVIDED. HANGER WIRES SHALL BE 12 GA. AND SPACED 4'-0" O.C. OR 10 GA. SPACED 5'-0" O.C.

ANY CONNECTION DEVICE AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 100 POUNDS.

FOR ESSENTIAL FACILITIES, HANGER WIRE CONNECTIONS MUST BE CAPABLE OF CARRYING 200 POUNDS AND BRACING (SPLAY) WIRES SHALL BE CAPABLE OF CARRYING 440 POUNDS. SHOT-IN ANCHORS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES.

BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTOR OF 2, WHICHEVER IS GREATER.

POWDER DRIVEN FASTENERS MUST BE APPROVED FOR THE APPROPRIATE LOADING.

TERMINAL ENDS OF EACH MAIN BEAM AND CROSS TEE MUST BE SUPPORTED WITHIN 8" OF EACH WALL WITH A PERIMETER WIRE.

LIGHT FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE ONE 12 GA. HANGER WIRE CONNECTED FROM THE FIXTURE TO THE STRUCTURE ABOVE. THIS WIRE MAY BE SLACK.

LIGHT FIXTURES WEIGHING MORE THE 10 POUNDS AND LESS THAN 56 POUNDS SHALL HAVE TWO 12 GA. WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHT FIXTURES TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.

LIGHT FIXTURES WEIGHING MORE THAN 56 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE. THESE WIRES MUST BE TAUT.

FOR CEILINGS WITHOUT RIGID BRACING, SPRINKLER

HEAD PENETRATIONS SHALL HAVE A 2" OVERSIZE RING,

SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO

HORIZONTAL DIRECTIONS. FLEXIBLE HEAD DESIGN THAT

ALLOW FREE MOVEMENT OF AT LEAST 1" IN ALL

CAN ACCOMMODATE 1" FREE MOVEMENT SHALL BE

PERMITTED AS AN ALTERNATE.

PENDANT MOUNTED FIXTURES SHALL BE DIRECTLY SUPPORTED FROM THE STRUCTURE ABOVE USING A 9 GA. WIRE OR AN APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.

TANDEM FIXTURES MAY UTILIZE COMMON WIRES.

MECHANICAL TERMINALS OR SERVICES WEIGHING 20 POUNDS BUT NOT MORE THAN 56 POUNDS MUST HAVE TWO 12 GA. WIRES CONNECTING THEM TO THE CEILING SYSTEM HANGERS OR THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.

MECHANICAL TERMINALS OR SERVICES WEIGHING MORE THAN 56 POUNDS MUST BE INDEPENDENTLY SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE. THESE WIRES MUST BE TAUT.

FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT WALL PARTITION THAT BEAKS THE CEILING SHALL BE PROVIDED UNLESS ANALYSES ARE PERFORMED OF THE CEILINGS BRACING SYSTEM, CLOSURE ANGLES AND PENETRATIONS TO PROVIDE SUFFICIENT CLEARANCE.

SPECIAL INSPECTIONS MAY BE REQUIRED BY THE JURISDICTION OR MUNICIPALITY. CONTACT THE LOCAL BUILDING DEPARTMENT.

REFERENCE NOTES

- REFER TO DESIGN STANDARDS "LOBBY AREAS" CHAPTER FOR MAIN REQUIREMENTS RELATED TO THIS
- REFER TO THE 700 SERIES CRITERIA PLANS FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. ALL SWITCH AND RECEPTACLE DEVICES IN THE LOBBY SHALL BE SIMILAR TO "DECORA" STYLE, OR ACCEPTED SUBSTITUTION BY LISTED MANUFACTURERS. COLOR OF THE DEVICES AND COVER PLATES IS SPECIFIED UNDER THE COVER PLATE COLOR TABLE IN PROJECT MANUAL MASTER SECTION 26 27 26.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA

A0 > ARCHITECTURAL

A119 FELT SOFFIT CEILING ELEMENT WILL NEED ADDITIONAL STRUCTURAL FRAMING AND SUPPORT DUE TO SIZE AND MATERIAL OF ELEMENT. ARCHITECT OF RECORD TO COORDINATE AND DESIGN WITH STRUCTURAL ENGINEER, ALL STRUCTURAL COMPONENTS TO BE HIDDEN FROM PUBLIC VIEW.

S0 >STRUCTURAL

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED

AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATIO THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSAR TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION

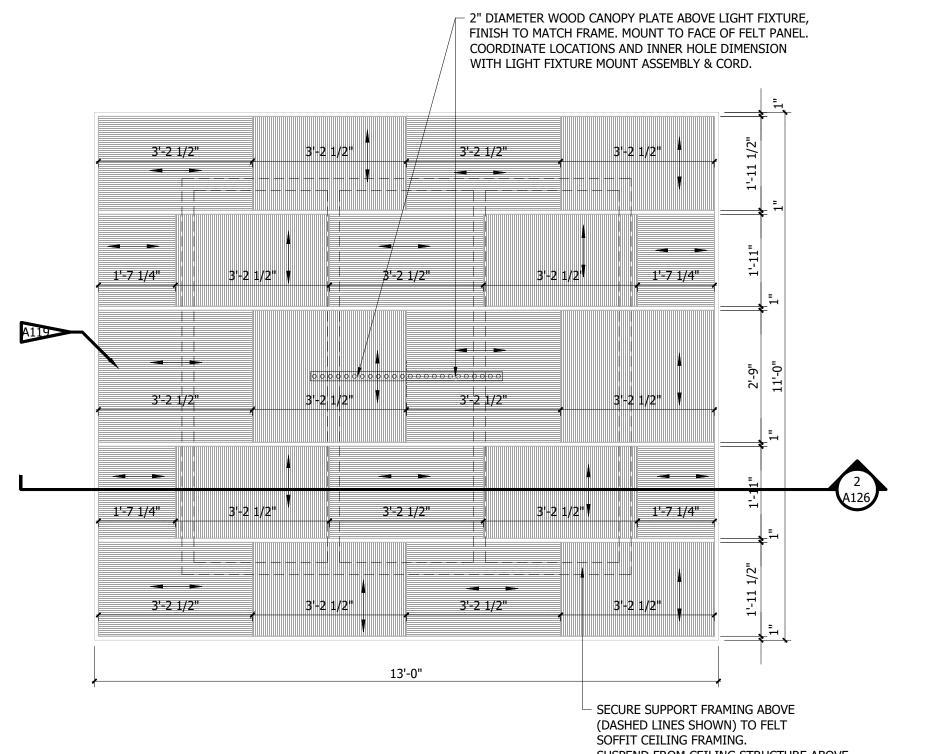
FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

S14 SOFFIT SUPPORT, COORDINATE WITH STRUCTURAL

SECURED / CONNECTED TO FELT CEILING SOFFIT FRAME BELOW - 3/4" PLYWOOD WF 003 - CONCEALED ATTACHMENT SUPPORT SYSTEM, ALL FASTENERS ARE TO BE HIDDEN 1'-7 1/4" FROM PUBLIC VIEW - 3 MM THICK FELT PANELS SECURED TO PLYWOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS FP 001

FELT SOFFIT CEILING - SECTION



FELT SOFFIT REFELECTED CEILING PLAN DETAIL

SUSPEND FROM CEILING STRUCTURE ABOVE.



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE-ISSUED FOR PERMIT

REV. DETAILS ON A700.2

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION

SSUED FOR BID (ID ONLY)

DATF

08/04/17

/ 28/17 |

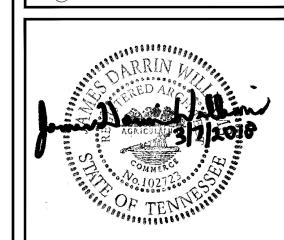
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ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750

CA-SERVICES ca@mwtusa.com / 1800.717.5816



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER OF REPRODUCE THESE DRAWINGS IN ANY WAY

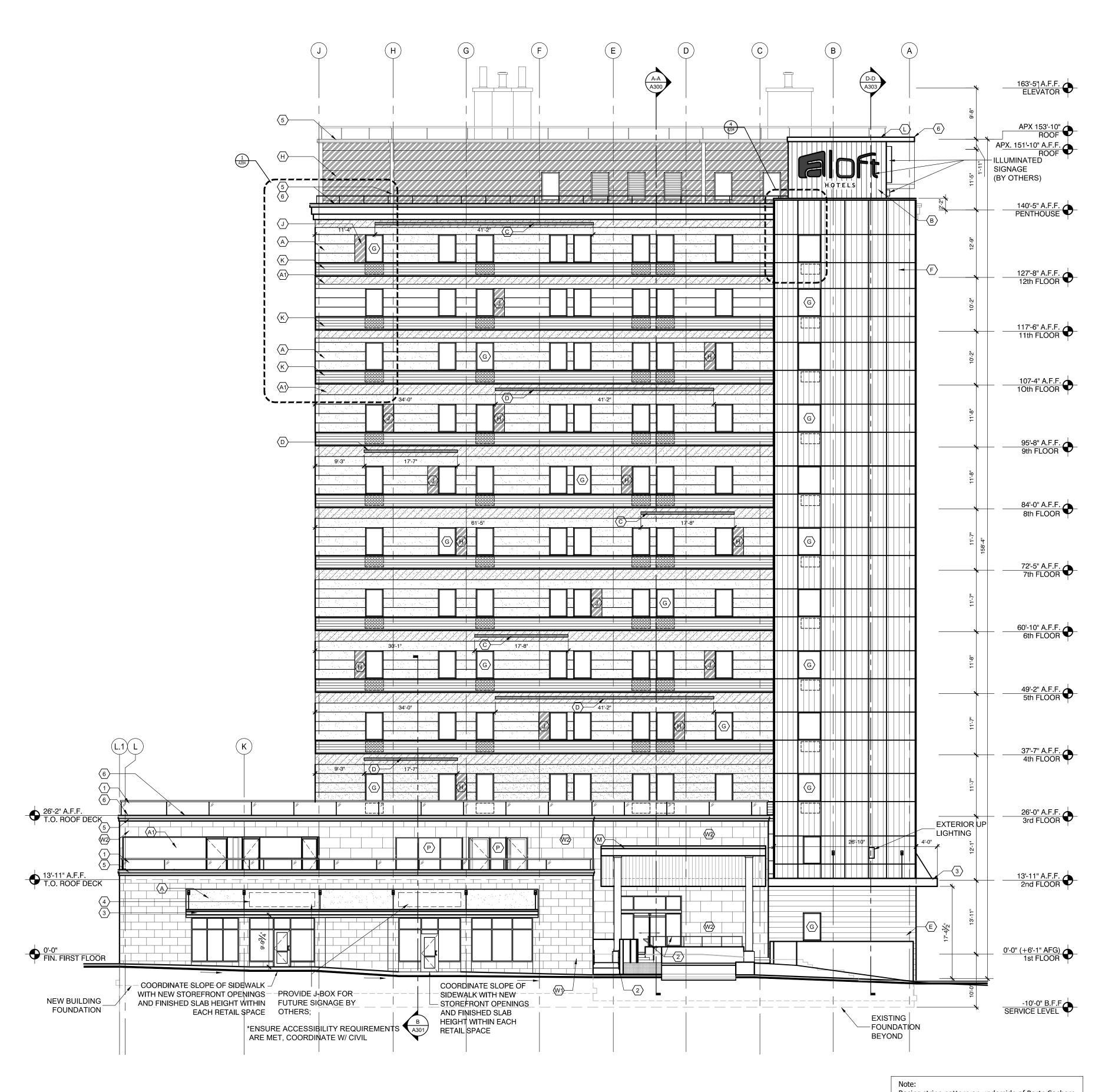
> ALOFT **MEMPHIS DOWNTOWN**

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

CEILING DETAILS



SCALE: 3/32" = 1'-0"

<u>Aloft, Memphis</u> - Notes for Exterior Walls:

 Maintain the existing exterior concrete and masonry perimeter walls, including the concrete spandrels as well as existing window openings as per the structural documents. Where the structural integrity of the existing walls are in question or the walls and/or spandrels are substantially damaged, contact the structural engineer immediately.

- 2. Install the metal steel studs with deflection runner under the slab. Fill the stud cavity with batt insulation. Where the existing wall is thicker below the window, install hat channel furring to anchor the gypsum board and align with the gypsum board above.
- 3. Notify the architect if there is any conflict between the inside finished wall at the exterior perimeter and the new furniture or millwork.
- 4. See architectural specifications for patch and repair the existing concrete masonry.
- 5. Install vertical metal furring, exterior sheathing, weather barrier and EFIS system on the exterior surface of the existing perimeter of the building. Anchor the furring to the concrete or masonry wall to withstand the wind uplift load prescribed by the engineer.
- 6. Remove the portion of the spandrel to install the Ptac units per structural engineers instructions.
- 7. Fill out the open pockets of the masonry walls with metal studs, filled with batt insulation.
- 8. Windows: Patch & Repair the existing window openings to receive the new window system. Install galvanized metal angle at the exterior corner of the existing wall to anchor the window framing.

GENERAL NOTES:

1. FOR EIFS THICKNESSES, SEE WALL SECTIONS SHEET A301.

2. EXPANSION JOINT/CONTROL JOINT: INSTALL IN ACCORDANCE WITH

2. EXPANSION JOINT/CONTROL JOINT:
INSTALL IN ACCORDANCE WITH
EIFS MANUFACTURER'S INSTRUCTIO

3. FABRICATED AWNING

4. SEE DOOR SCHEDULE AND

DETAILS, SHEET A600.

5. PROVIDE BACKER ROD & SEALANT BETWEEN DISSIMILAR MATERIALS.

6. PROVIDE BACKER ROD & SEALANT AT THE PERIMETER OF ALL WALL PENETRATIONS.

7. MEDIT (THE WIND ONE ALL OF SEALANT AND SEALANT ALL OF SEALANT AND S

7. VERIFY THAT WINDOWS ALIGN FROM FLOOR TO FLOOR WHERE INTENTED PER ELEVATIONS.

8. REFER TO ARCHITECTURAL SPECIFICATIONS FOR EXTERIOR LIGHTING INFORMATION.

FINISH MATERIAL LEGEND
COORD. W/ SCHEDULE A205

A FIELD EIFS W/ 'V'
GROOVES

(A1) ACCENT EIFS

(B) METAL PANELACCENT PANEL @ ROOF

SURFACE MOUNTED
LED LIGHT FIXTURE;
BLUE
SURFACE MOUNTED
LED LIGHT FIXTURE;
(MAGENTA)

WOOD PANELS - ALOFT CUSTOM COLOR

METAL PANEL-CORNER ACCENT FEATURE

G METAL WINDOWS - SEE SCHEDULE

H COLORED EIFS ACCENT (BLUE)

COLORED EIFS ACCENT (MAGENTA)

K TO MATCH A-1

PRE-ENGINEERED
ORNAMENTAL ROOF
STRUCTURE

M
PRE-ENGINEERED PORTE
COCHERE CANOPY

VENTILATED PORCELAIN
TILE CLADDING SYSTEM
(36" X 18")(CROSSVILLE
SURE CLAD: PZ07-NT-MC)
VENTILATED PORCELAIN
TILE CLADDING SYSTEM
(48" X 24")(CROSSVILLE
SURE CLAD: PZ08-NT-MC)

PLAN NOTES

42" GAURDRAIL; TEMP. GLASS INFILL
AS SHOWN

METAL GUARD RAIL
AND RAILING
(PAINTED YELLOW)

PREFABRICATED METAL AWNING W/
TURNBUCKLE SUPPORTS, PAINTED

4 TENANT SIGNAGE

METAL COPING- ATAS 26 BONE WHITE FIRE RATED EIFS CORNICE PROFILE (310 CHINA WHITE)

6 BIRD CONTROL SYSTEM

ARCHITECTURE
URBAN PLANNING
INTERIORS
HOTELS/ HOUSING/ MIXED USE
1800.630.3750
CA-SERVICES

ca@mwtusa.com / 1800.717.5816

DESCRIPTION
ISSUED FOR DEMOLITION
ISSUED TO FRANCHISE
ISSUED FOR BID (ID ONLY)
ISSUED TO FRANCHISE
ISSUED FOR PERMIT
FOR FINAL APPROVAL
ISSUED FOR PERMIT

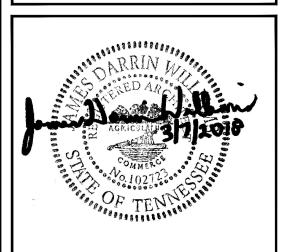
RE-ISSUED FOR PERMIT

REV. 90% REVIEW

COMMENTS

REV. DETAILS ON A700.2 | 06/04/18 AV

04/24/19



WARNING
IT IS A VIOLATION OF THE LAW FOR ANY
PERSON, UNLESS ACTING UNDER THE
DIRECTION OF THE ARCHITECT, TO ALTER OF
REPRODUCE THESE DRAWINGS IN ANY WAY

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

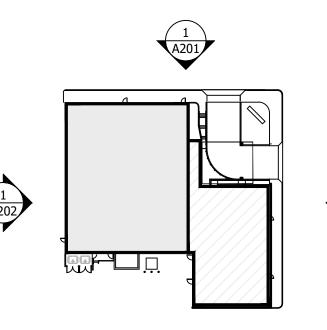
PROJECT NO.: 16 006

DATE: 8-4-2017
DRAWN BY: RS, BS, MV,AN
CHKD. BY: MWT

EXTERIOR ELEVATION

SHEET A20

Note: Racing stripe pattern on underside of Porte Cochere and Roof Swoof per Generation 4 pattern.





IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

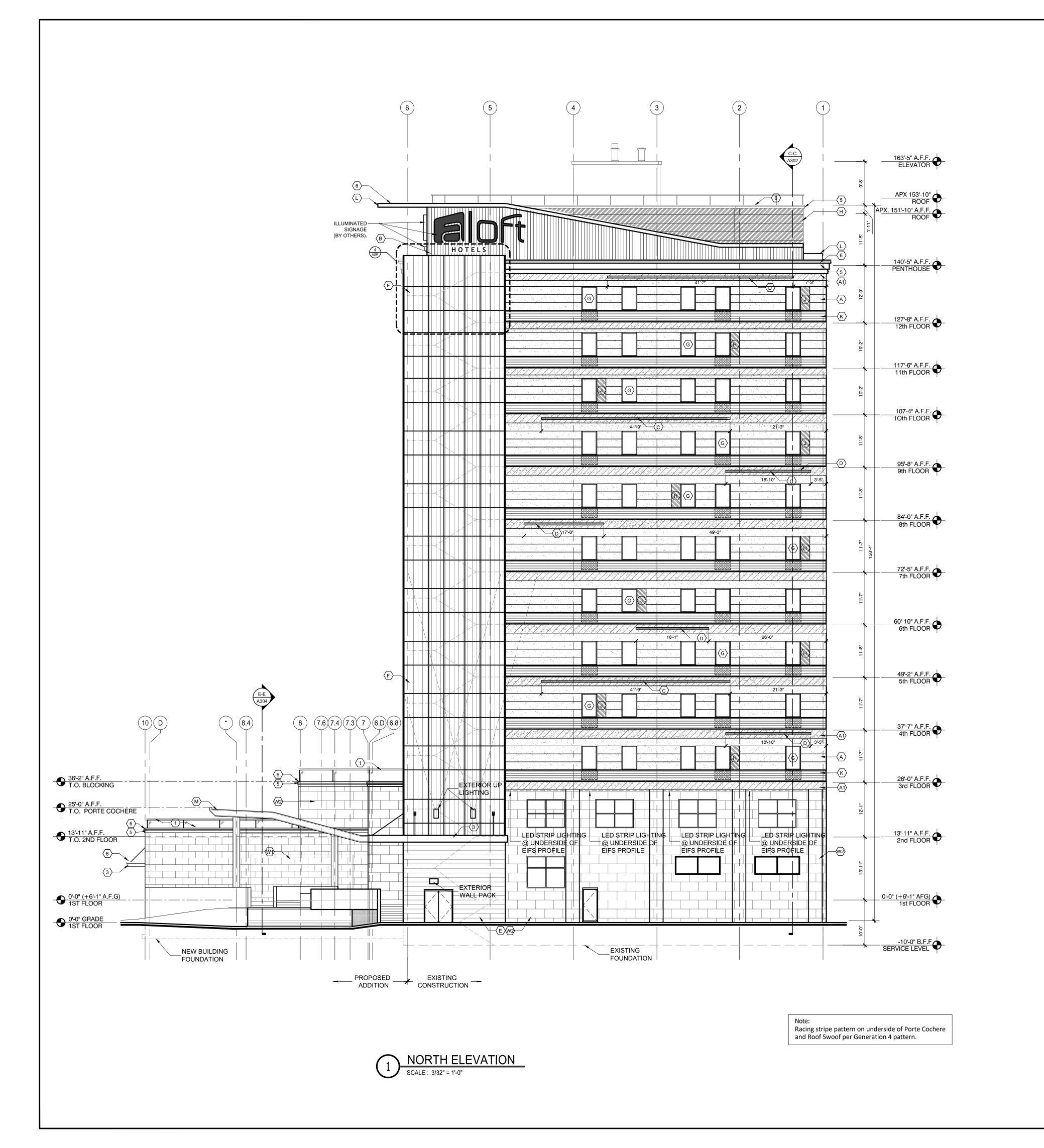
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Aloft, Memphis - Notes for Exterior Walls:

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- 2. Install the metal steel studs with deflection runner under the slab. Fill the stud cavity with batt insulation. Where the existing wall is thicker below the window, install hat channel furring to anchor the gypsum board and align with the gypsum board
- 3. Notify the architect if there is any conflict between the inside finished wall at the exterior perimeter and the new furniture or
- 4. See architectural specifications for patch and repair the existing concrete masonry.
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- 6. Remove the portion of the spandrel to install the Ptac units per structural engineers instructions.
- 7. Fill out the open pockets of the masonry walls with metal studs, filled with batt insulation.
- 8. Windows: Patch & Repair the existing window openings to receive the new window system. Install galvanized metal angle at the exterior corner of the existing wall to anchor the window

GENERAL NOTES:
FOR EIFS THICKNESSES, SEE WALL SECTIONS SHEET A301.
EXPANSION JOINT/CONTROL JOINT: INSTALL IN ACCORDANCE WITH EIFS MANUFACTURER'S INSTRUCTIONS.
3. FABRICATED AWNING

- 4. SEE DOOR SCHEDULE AND DETAILS, SHEET A600. 5. PROVIDE BACKER ROD & SEALANT BETWEEN DISSIMILAR MATERIALS. 6. PROVIDE BACKER ROD & SEALANT AT THE PERIMETER OF ALL WALL PENETRATIONS.
- . VERIFY THAT WINDOWS ALIGN FROM FLOOR TO FLOOR WHERE INTENTED PER ELEVATIONS. 8. REFER TO ARCHITECTURAL SPECIFICATIONS FOR EXTERIOR LIGHTING INFORMATION.

FINISH MATERIAL LEGEND A FIELD EIFS W/ 'V'
GROOVES

> A1 ACCENT EIFS B METAL PANEL-ACCENT PANEL @ ROOF

C LED LIGHT FIXTURE; BLUE SURFACE MOUNTED LED LIGHT FIXTURE; (MAGENTA)

WOOD PANELS - ALOFT CUSTOM COLOR F METAL PANEL-CORNER ACCENT FEATURE

METAL WINDOWS - SEE SCHEDULE

COLORED EIFS ACCENT (BLUE)

J COLORED EIFS ACCENT (MAGENTA) K TO MATCH A-1

PRE-ENGINEERED ORNAMENTAL ROOF STRUCTURE PRE-ENGINEERED PORTE COCHERE CANOPY

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PLAN NOTES 42" GAURDRAIL; TEMP. GLASS INFILL AS SHOWN

METAL GUARD RAIL
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PREFABRICATED METAL AWNING WATER TURNBUCKLE SUPPORTS, PAINTED

4 TENANT SIGNAGE METAL COPING- ATAS 26 BONE WHITE FIRE RATED EIFS CORNICE PROFILE (310 CHINA WHITE)

6 BIRD CONTROL SYSTEM

ARCHITECTURE

DESCRIPTION ISSUED FOR DEMOLITION ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT

RE-ISSUED FOR PERMIT

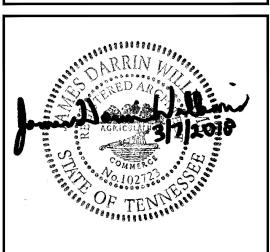
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COMMENTS

REV. DETAILS ON A700.2 | 06/04/18 AV

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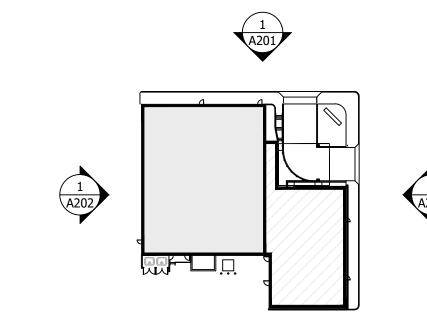
ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

> **EXTERIOR ELEVATION**

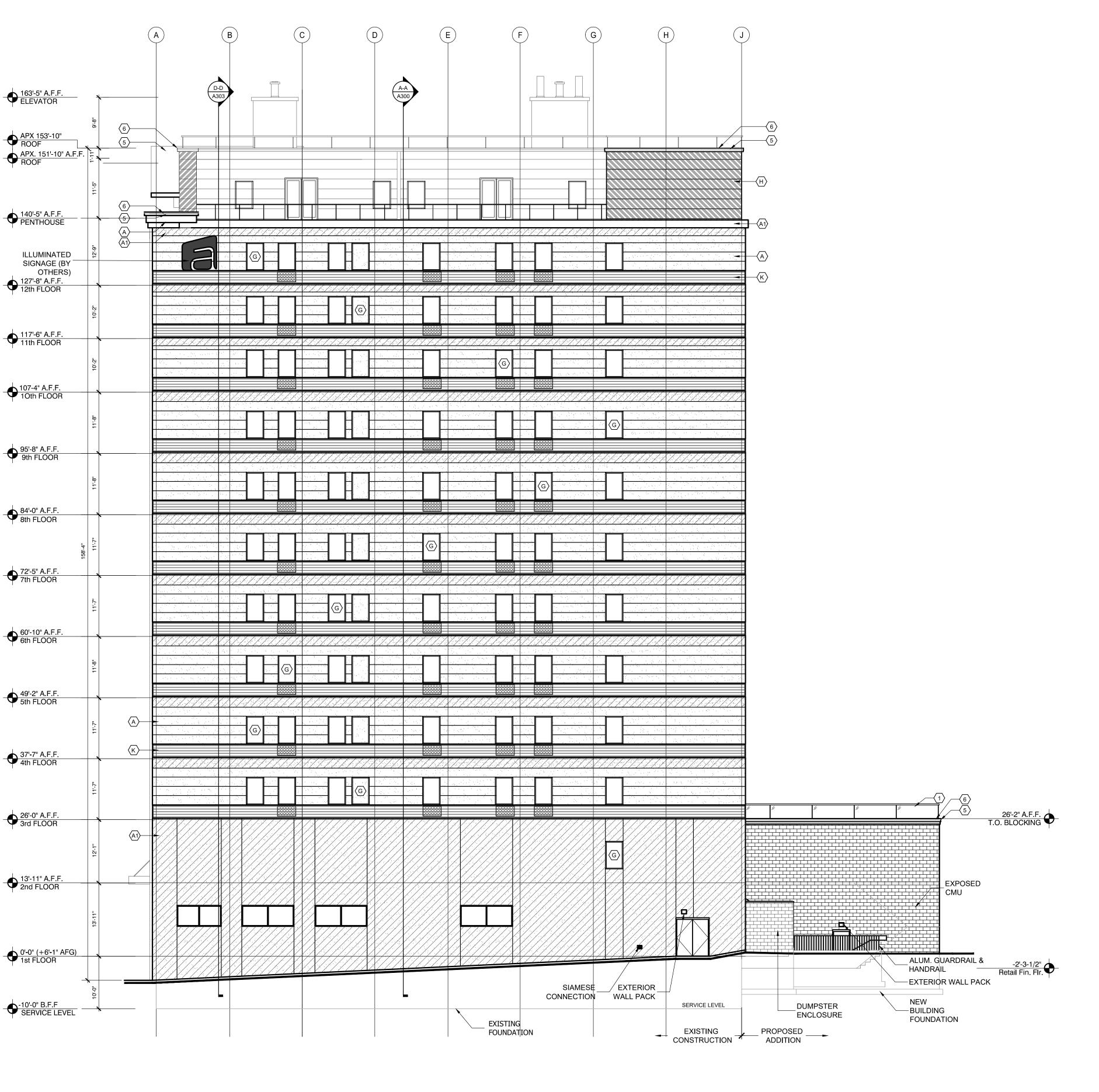






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1 WEST ELEVATION

SCALE: 3/32" = 1'-0"

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- 2. Install the metal steel studs with deflection runner under the slab. Fill the stud cavity with batt insulation. Where the existing wall is thicker below the window, install hat channel furring to anchor the gypsum board and align with the gypsum board
- 3. Notify the architect if there is any conflict between the inside finished wall at the exterior perimeter and the new furniture or
- 4. See architectural specifications for patch and repair the existing concrete masonry.
- 5. Install vertical metal furring, exterior sheathing, weather barrier and EFIS system on the exterior surface of the existing perimeter of the building. Anchor the furring to the concrete or masonry wall to withstand the wind uplift load prescribed by the
- 6. Remove the portion of the spandrel to install the Ptac units per structural engineers instructions.
- 7. Fill out the open pockets of the masonry walls with metal studs, filled with batt insulation.
- 8. Windows: Patch & Repair the existing window openings to receive the new window system. Install galvanized metal angle at the exterior corner of the existing wall to anchor the window

6. PROVIDE BACKER ROD & SEALANT AT THE PERIMETER OF ALL WALL PENETRATIONS. 7. VERIFY THAT WINDOWS ALIGN FROM FLOOR TO FLOOR WHERE INTENTED PER ELEVATIONS. 8. REFER TO ARCHITECTURAL SPECIFICATIONS FOR EXTERIOR LIGHTING INFORMATION. FINISH MATERIAL LEGEND A FIELD EIFS W/ 'V'
GROOVES A1 ACCENT EIFS B METAL PANEL-ACCENT PANEL @ ROOF LED LIGHT FIXTURE; SURFACE MOUNTED
LED LIGHT FIXTURE;
(MAGENTA) WOOD PANELS - ALOFT CUSTOM COLOR F METAL PANEL-CORNER ACCENT FEATURE METAL WINDOWS - SEE SCHEDULE COLORED EIFS ACCENT (BLUE) COLORED EIFS
ACCENT (MAGENTA) K TO MATCH A-1 PRE-ENGINEERED ORNAMENTAL ROOF STRUCTURE PRE-ENGINEERED PORTE COCHERE CANOPY VENTILATED PORCELAIN
TILE CLADDING SYSTEM
(36" X 18")(CROSSVILLE W2) VENTILATED PORCELAIN VENTILE CLADDING SYSTEM (48" X 24")(CROSSVILLE SURE CLAD: PZ08-NT-MC) **PLAN NOTES** 42" GAURDRAIL; TEMP. GLASS INFILL AS SHOWN METAL GUARD RAIL
AND RAILING
(PAINTED YELLOW) PREFABRICATED METAL AWNING WATER TURNBUCKLE SUPPORTS, PAINTED 4 TENANT SIGNAGE

GENERAL NOTES:

SECTIONS SHEET A301.

3. FABRICATED AWNING

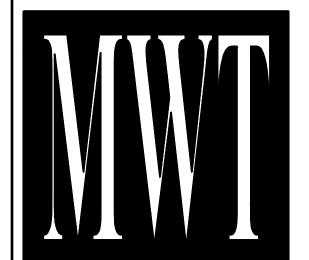
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5. PROVIDE BACKER ROD & SEALANT BETWEEN DISSIMILAR MATERIALS.

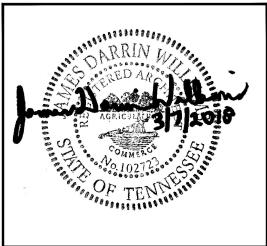
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ISSUED FOR DEMOLITION ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 I REV. 90% REVIEW COMMENTS 04/24/19

DESCRIPTION



ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



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ALOFT MEMPHIS DOWNTOWN

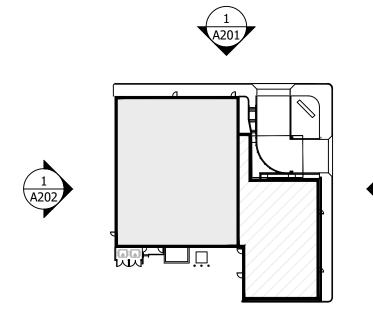
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

> **EXTERIOR** ELEVATION

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5 METAL COPING- ATAS 26 BONE WHITE FIRE RATED EIFS CORNICE PROFILE (310 CHINA WHITE)

6 BIRD CONTROL SYSTEM

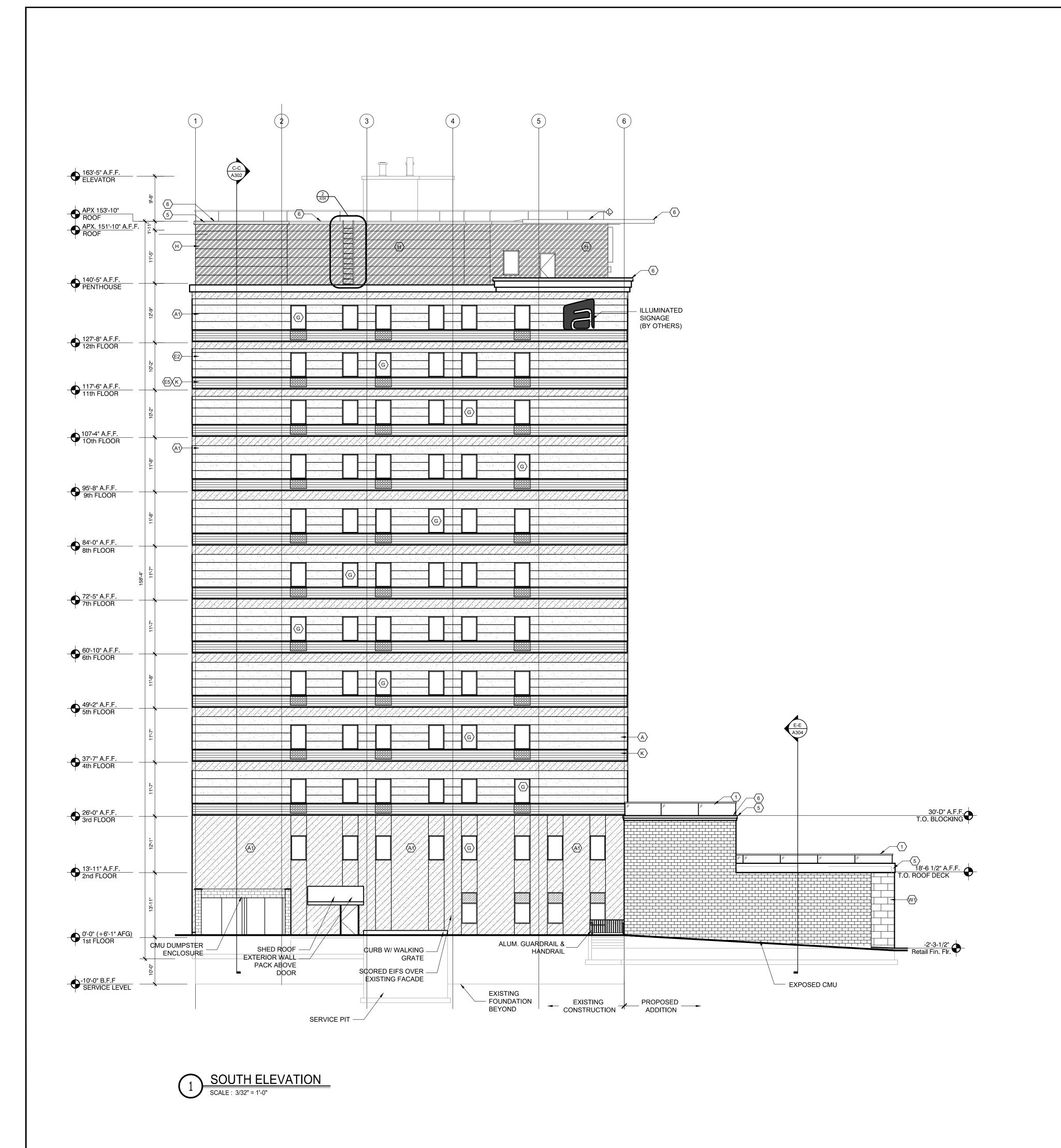


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EXPANSION JOINT/CONTROL INSTALL IN ACCORDANCE WI EIFS MANUFACTURER'S INST	IT

- INSTALL IN ACCORDANCE WITH EIFS MANUFACTURER'S INSTRUCTION 3. FABRICATED AWNING 4. SEE DOOR SCHEDULE AND DETAILS, SHEET A600.
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FINISH MATERIAL LEGEND COORD. W/ SCHEDULE A205 A) FIELD EIFS W/ 'V' GROOVES

A1 ACCENT EIFS

METAL PANEL-

B METAL PANELACCENT PANEL @ ROOF

SURFACE MOUNTED
LED LIGHT FIXTURE;

SURFACE MOUNTED
LED LIGHT FIXTURE;
(MAGENTA)

E WOOD PANELS - ALOFT CUSTOM COLOR

F METAL PANEL-CORNER ACCENT FEATURE

G METAL WINDOWS - SEE SCHEDULE

H COLORED EIFS ACCENT (BLUE)

COLORED EIFS
ACCENT (MAGENTA)

K TO MATCH A-1

PRE-ENGINEERED
ORNAMENTAL ROOF

PRE-ENGINEERED PORTE
COCHERE CANOPY
VENTILATED PORCELAIN

VENTICATED PORCELAIN

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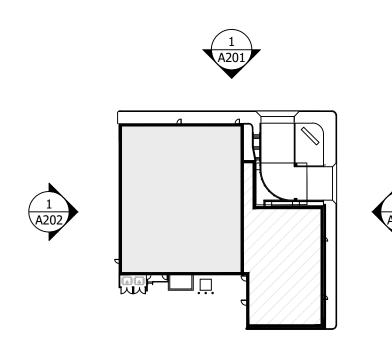
METAL GUARD RAIL AND RAILING (PAINTED YELLOW)

PREFABRICATED METAL AWNING W/
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PROFILE (310 CHINA WHI





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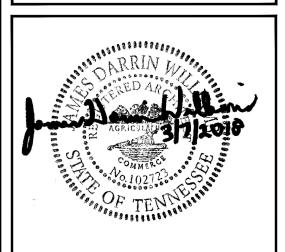
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NO.	DESCRIPTION	DATE	BY
-	ISSUED FOR DEMOLITION	06/09/17	ΜV
-	ISSUED TO FRANCHISE	06/09/17	MV
-	ISSUED FOR BID (ID ONLY)	07/21/17	MV
1	ISSUED TO FRANCHISE	08/17/17	MV
-	ISSUED FOR PERMIT	08/04/17	ΜV
-	FOR FINAL APPROVAL	10/02/17	MV
-	ISSUED FOR PERMIT	11/28/17	ΜV
-	RE-ISSUED FOR PERMIT	03/07/18	AN
-	REV. DETAILS ON A700.2	06/04/18	AVK
	REV. 90% REVIEW		
	COMMENTS	04/24/19	AVI
		-	



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PROJECT NO.: 16 006

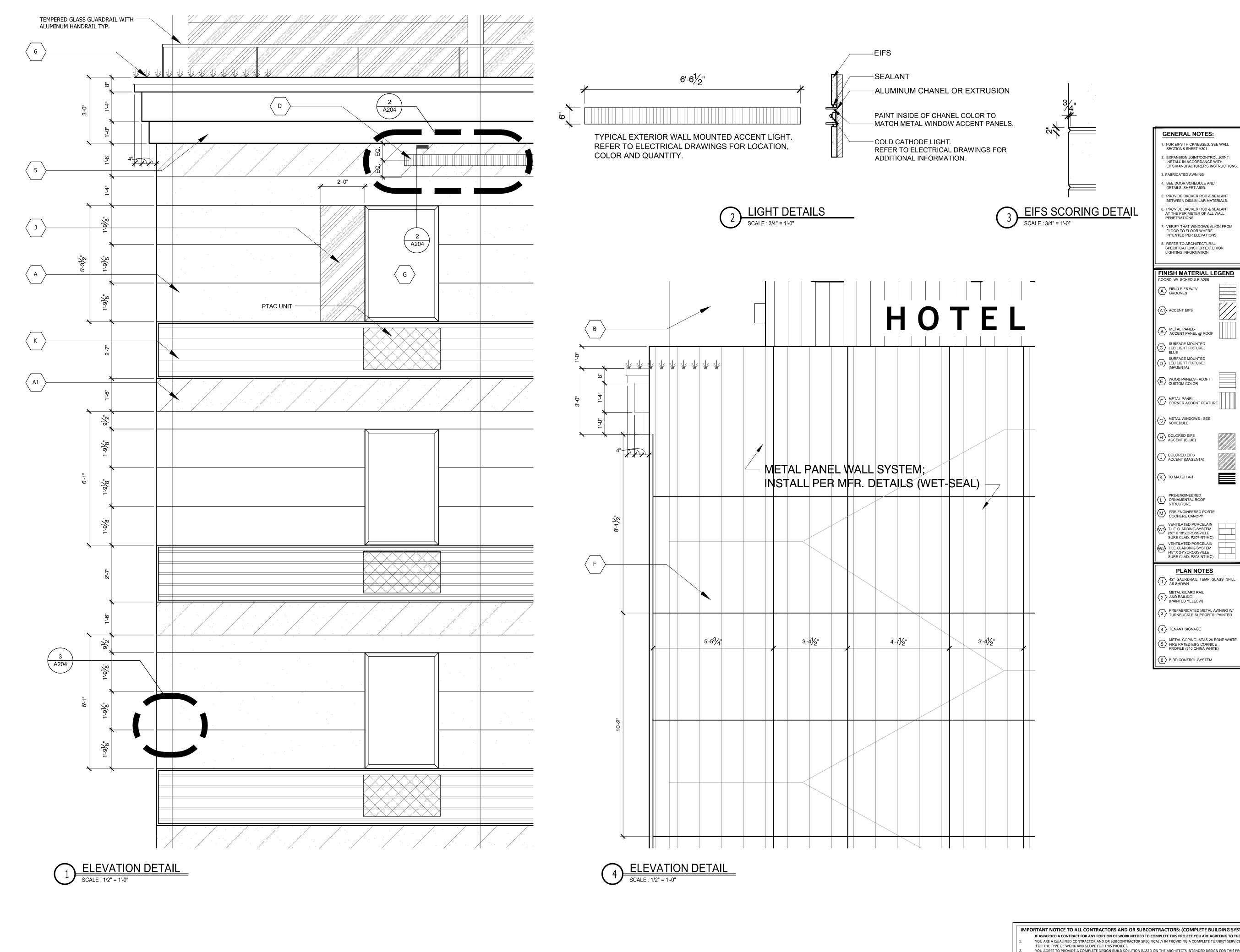
DATE: 8-4-2017

DRAWN BY: RS, BS, MV,AN

CHKD. BY: MWT

EXTERIOR ELEVATION

SHEET A203



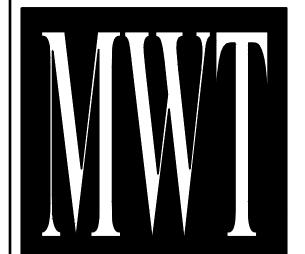
FOR FINAL APPROVAL ISSUED FOR PERMIT RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 | 06/04/18 AV I REV. 90% REVIEW COMMENTS 04/24/19 **GENERAL NOTES:** I. FOR EIFS THICKNESSES, SEE WALL 2. EXPANSION JOINT/CONTROL JOINT: INSTALL IN ACCORDANCE WITH EIFS MANUFACTURER'S INSTRUCTION 4. SEE DOOR SCHEDULE AND DETAILS, SHEET A600. 5. PROVIDE BACKER ROD & SEALANT BETWEEN DISSIMILAR MATERIALS. 5. PROVIDE BACKER ROD & SEALANT AT THE PERIMETER OF ALL WALL PENETRATIONS. VERIFY THAT WINDOWS ALIGN FROM FLOOR TO FLOOR WHERE INTENTED PER ELEVATIONS. 8. REFER TO ARCHITECTURAL SPECIFICATIONS FOR EXTERIOR LIGHTING INFORMATION. FINISH MATERIAL LEGEND B METAL PANEL-ACCENT PANEL @ ROOF

DESCRIPTION ISSUED FOR DEMOLITION

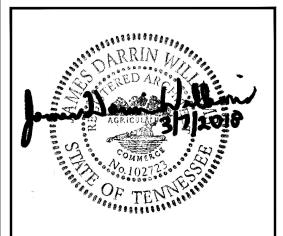
ISSUED TO FRANCHISE

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ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE



ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

> **ELEVATION DETAILS**

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FOR THE TYPE OF MORE AND COOR FOR THE DROIFCT

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.

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FOR THE LATEST FF&E SPECIFICATIONS, REFER TO THE LATEST ALOFT FF&E SPECIFICATIONS POSTED ON THE STARWOOD DOCUMENT CENTER.

- 1. FOR ALTERNATES TO, PLEASE REFER TO THE LATEST ALOFT FF&E SPEC
- 2. SEE REFLECTED CEILING PLANS, FINISH PLANS AND INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- 3. PAINT ALL MISCELLANEOUS METAL ITEMS (BOTH INTERIOR AND EXTERIOR INCLUDING BUT NOT LIMITED TO THE FOLLOWING: STEEL STAIR STRUCTURE, GUARDRAILS, BALLUSTERS, POSTS, LINTELS, ETC.
- 4. ALL FINISHES SHALL COMPLY TO APPLICABLE CODES AS TO THE RATING OF

EXTERIOR FINISH SCHEDULE

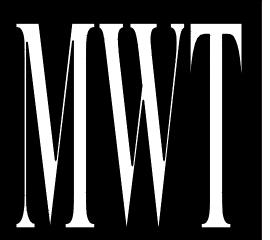
GENERAL NOTE: The following products & finishes are the basis of design for the standard prototype. Alternate products that meet the same performance and aesthetic requirements of the products listed below are subject to review & approval by Starwood prior to use..

	ID_TAG	MATERIAL	TYPE	LOCATION	SIZE	ITEM DESRIPTION	VENDOR
	\Diamond	EIFS	EEF-001	ENTIRE PROJECT	1-½" SYSTEM	DRYVIT COLOR: LYMESTONE PMR BRIGHT WHITE, NAT. ACCT. #: ALOF-01-1353	DRYVIT / CONTACT: BOB DAZEL (734) 276 0404
	()	EIFS	EEF-002/EEF-002-A	ACCENT BANDS	1-½" SYSTEM	DRYVIT COLOR: LYMESTONE DPR BGY GRAY,.	DRYVIT / CONTACT: BOB DAZEL (734) 276 0404
	₿	ALUMINUM COMPOSITE PANEL	EWP-002-A	ROOF FEATURE ACCENT WALL	1"	CUSTOM COLOR: PANTONE MATCHING SYSTEM BLUE #2905, NAT. ACCT. #: ALOF-01-1353	MADISON INDUSTRIES INC / CONTACT (770) 483-4401
	\line{\chi}	LED LIGHT STRIPS	ALJ-09	ELEVATION ONLY — BLUE	79' x 4.5" x 5.5" 59' x 4.5" x 5.5"	LED iCOLOR — RGB COLOR: RED 28, GREEN 88, BLUE 240	KEITH GRAHAM, LC PHILIPS LIGHTING (607) 438-8839 <keith.graham@philips.com></keith.graham@philips.com>
	\oint 	LED LIGHT STRIPS	LT-101	ELEVATION ONLY — PINK	39' × 4.5" × 5.5" 60' × 4.5" × 5.5"	RGB color: To match Pantone 7649C or RAL 350 30 40	KEITH GRAHAM, LC PHILIPS LIGHTING (607) 438-8839 <keith.graham@philips.com></keith.graham@philips.com>
	\(\exists\)	WOOD PANEL	EWP-003-A1-NI OR	FRONT ENTRY / POOL ENTRY	18" H x 10'-0" L (Nominal)	Nichiha Wood Series COLOR: VINATAGE WOOD — CEDAR	CHRIS TATE, Nichiha Fiber Cement 770-805-9466 < <u>aloft@nichiha.com></u>
G.C. TO SELECT ONE TO FIT BUDGET;			EWP-003-AR OR	FRONT ENTRY / POOL ENTRY	8'-0"× 2'-0"	Prodema ProdEX Exterior Cladding COLOR: Rustik	Joseph Del Brocco, Artexture+ 212-265-8400
SUBMIT SELECTION TO FRANCHISE FOR FINAL APPROVAL			EWP-003-NI	FRONT ENTRY / POOL ENTRY	6'-0" x 18" Panels	Nichiha: VintageWood COLOR: Cedar (EF762)	CHRIS TATE, Nichiha Fiber Cement 770-805-9466 < <u>aloft@nichiha.com></u>
MINOVAL		METAL PANEL SYSTEM	EWP-001-A	AS NOTED ON DRAWINGS	VARIES	ALPOLIC PANEL SYSTEM: 3mm4BGY 3.5 COLOR: BGY Grey (4BGY)	Customer Service / Sales; ALPOLIC Metal Composite Materials; 800—422—7270
			DO NOTE, (1)	FIXED WINDOW ABOVE PTA	C WITH LOUVER	& (1) AWNING WITH FIXED ABOVE AT DES	K. REFER TO
	ⓒ	METAL WINDOWS:	EXTERIOR ÈLÉV EMW-001-IN	ATIONS. GUEST ROOMS	VARIES	Intus Windows, Arcade System; COLOR: Clear Anodized or color that resembles clear anodized aluminum 2604 finish	INTUS WINDOWS / CONTACT: BRIAN GUYER (301) -508-0150
G.C. TO SELECT ONE			OR				
TO FIT BUDGET; SUBMIT SELECTION TO FRANCHISE FOR FINAL APPROVAL			EMW-001-QU	GUEST ROOMS	VARIES	Quaker; Aluminum Storefront System; COLOR: Class 1 Clear Anodized or color that resembles clear anodized aluminum 2604 finish	QUAKER WINDOWS / CONTACT: ANDRE DICKNEITE (573) -744-5211
	,		— OR —				
			EMW-001-KA	GUEST ROOMS	VARIES	Kawneer; OptiQ AA 4325 Series; COLOR: Class 1 Clear Anodized or color that resembles clear anodized aluminum 2604 finish	KAWNEER / CONTACT: IAN CABLE (603.552.3541)
	\Leftrightarrow	EIFS WINDOW ACCENT	EEF-003/EEF-003-A	AS NOTED ON DRAWINGS.	VARIES	DRYVIT COLOR: ALOF-05-1085S - Blue w/StratoTone high performance colorant over ALOF-01-2745 - White	DRYVIT / CONTACT: BOB DAZEL (734) 276 0404
	\Diamond	EIFS WINDOW ACCENT	EEF-004/EEF-004-A	AS NOTED ON DRAWINGS.	VARIES	DRYVIT COLOR: ALOF-07-1085S -Pink w/StratoTone high performance colorant over ALOF-01-2745 -White	DRYVIT / CONTACT: BOB DAZEL (734) 276 0404
	\otimes	EIFS TO MATC A-1					
	\langle	PRE-ENGINEERED ORNAMENTAL ROOF STRUCTURE	ECA-001	AS NOTED ON DRAWINGS.	_	ROOF CANOPY	Luxalon Metal Systems by Hunter Douglas; Customer Service / Sales 800-727-8953
		PRE-ENGINEERED PORTE COCHERE CANOPY	ECA-002	AS NOTED ON DRAWINGS.	_	MAIN ENTRANCY CANOPY	Luxalon Metal Systems by Hunter Douglas; Customer Service / Sales 800—727—8953
		GLAZING	SPANDREL GL SP-1	ADA DOUBLE QUEEN EXTERIOR WALL	_	3mm4BGY 3.5 COLOR: BGY Grey (4BGY) (TO MATCH ALPOLIC)	Oldcastle, Inc. Customer Service / Sales; 800-899-8455
	\line{\phi}	GLAZING	EGL-002	WITHIN PRODENA	_	Oldcastle Spandrel; COLOR: Milky White	Oldcastle, Inc. Customer Service / Sales; 800-899-8455
	\Phi	GLAZING	EGL-003	⊚ w xyz STOREFRONT	_	VIRACON/VIRASPAN, WARM GRAY	Viracon; Customer Service / Sales 800-533-2080

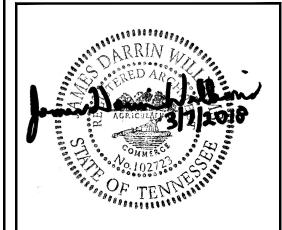
- I. ALL EIFS COMPONENTS TO COMPLY WITH HIGH RISE FIRE RESISTANCE RATINGS
- 2. AND FOR TAGS WI & W2, REFER TO MATERIAL LEGEND ON THE SHEET A200/A201/A202/A203 3. FOR ALL OTHER FINISHES REFER TO SPEC BOOK.

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-	ISSUED FOR DEMOLITION	06/09/17	M۷
-	ISSUED TO FRANCHISE	06/09/17	MV
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	RE-ISSUED FOR PERMIT	03/07/18	_
-	REV. DETAILS ON A700.2	06/04/18	_
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NO. DESCRIPTION



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> ALOFT DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

CHKD. BY: MWT

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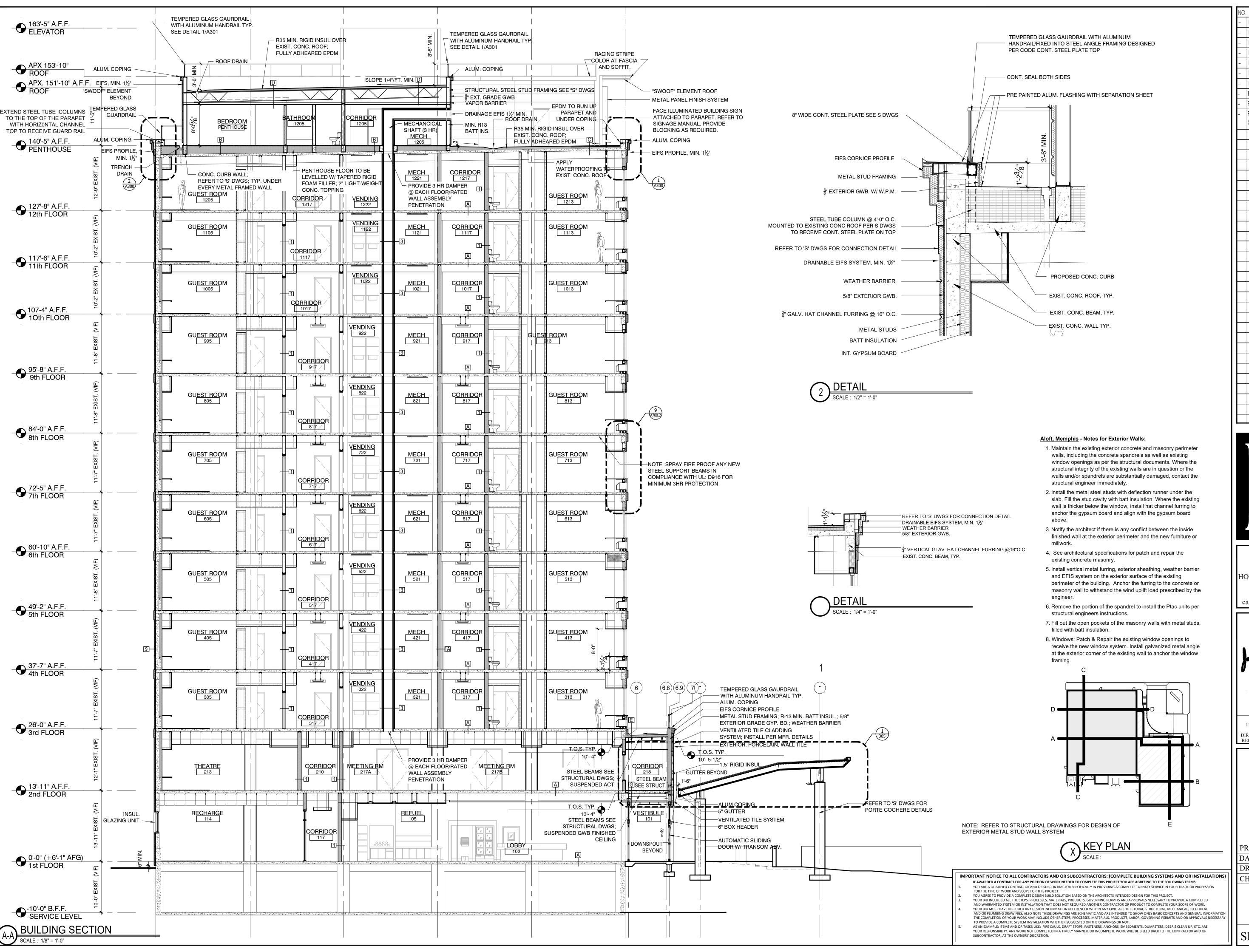
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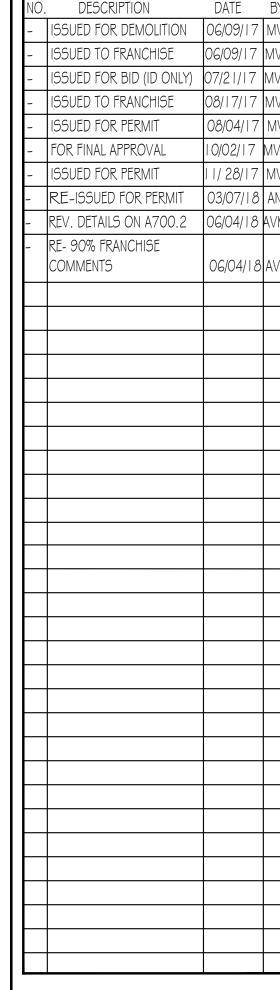
FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

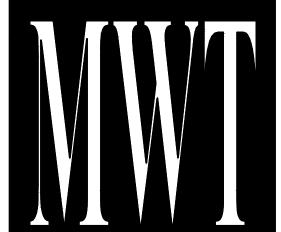
SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

FINISH SCHEDULE









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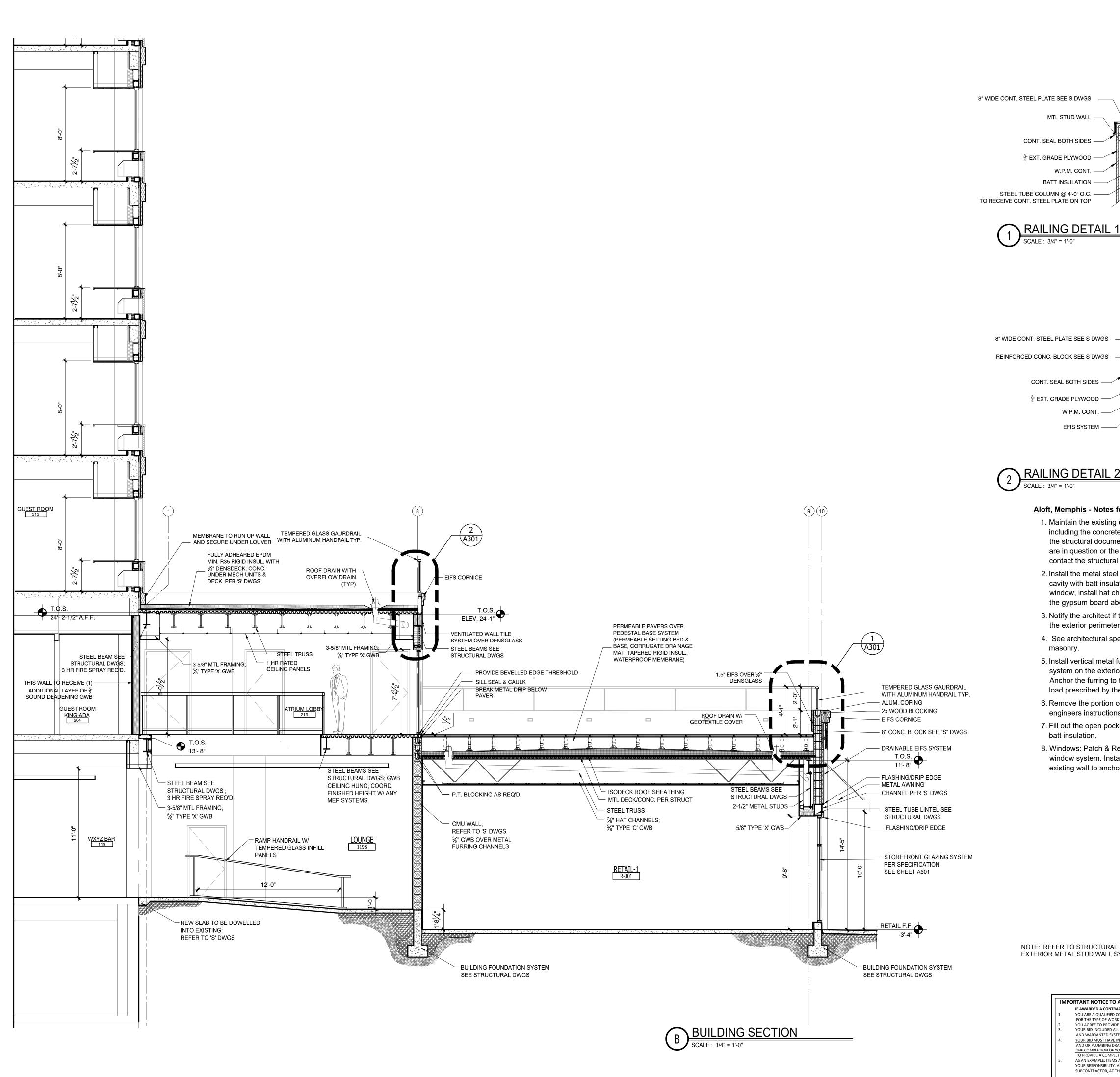
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

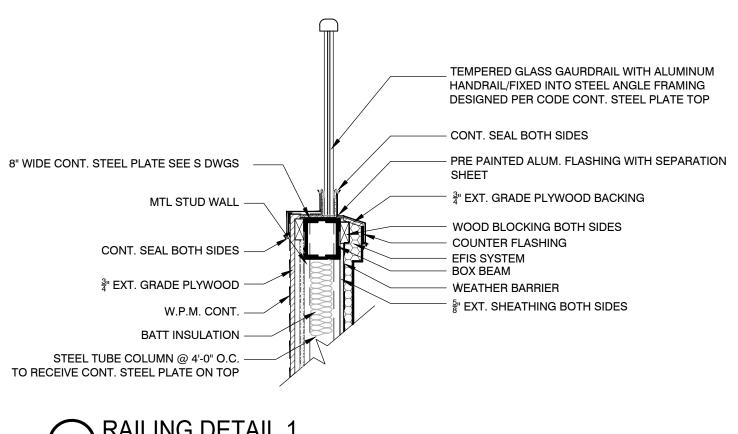
PROJECT NO.: 16 006 DATE: 04-12-2019

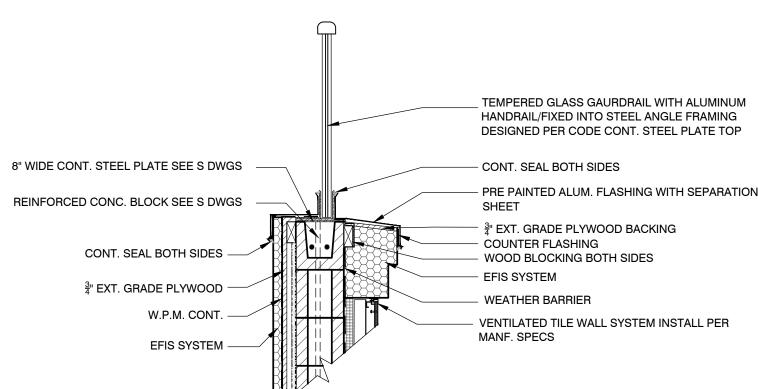
DRAWN BY: CHKD. BY: MWT

> BUILDING SECTION

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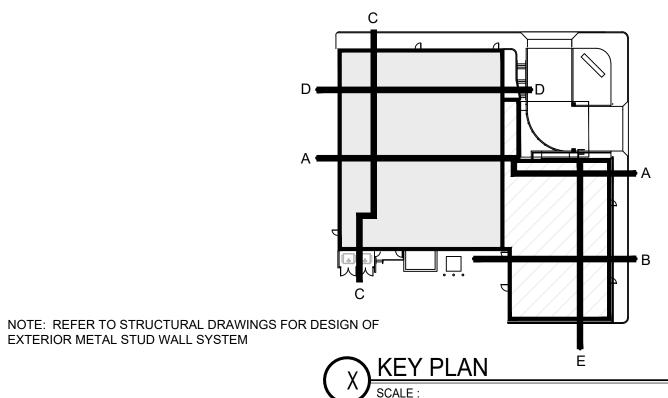






Aloft, Memphis - Notes for Exterior Walls:

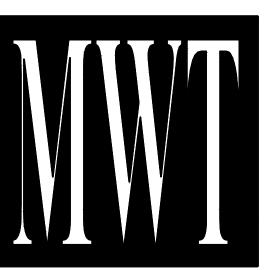
- 1. Maintain the existing exterior concrete and masonry perimeter walls, including the concrete spandrels as well as existing window openings as per the structural documents. Where the structural integrity of the existing walls are in question or the walls and/or spandrels are substantially damaged, contact the structural engineer immediately.
- 2. Install the metal steel studs with deflection runner under the slab. Fill the stud cavity with batt insulation. Where the existing wall is thicker below the window, install hat channel furring to anchor the gypsum board and align with the gypsum board above.
- 3. Notify the architect if there is any conflict between the inside finished wall at the exterior perimeter and the new furniture or millwork.
- 4. See architectural specifications for patch and repair the existing concrete
- 5. Install vertical metal furring, exterior sheathing, weather barrier and EFIS system on the exterior surface of the existing perimeter of the building. Anchor the furring to the concrete or masonry wall to withstand the wind uplift load prescribed by the engineer.
- 6. Remove the portion of the spandrel to install the Ptac units per structural engineers instructions.
- 7. Fill out the open pockets of the masonry walls with metal studs, filled with batt insulation.
- 8. Windows: Patch & Repair the existing window openings to receive the new window system. Install galvanized metal angle at the exterior corner of the existing wall to anchor the window framing.



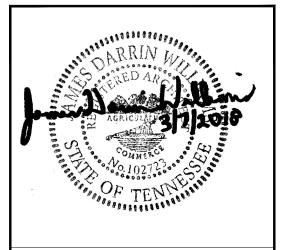
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	-	FOR FINAL APPROVAL	10/02/17	MV
	1	ISSUED FOR PERMIT	11/28/17	MV
	-	RE-ISSUED FOR PERMIT	03/07/18	AN
	-	REV. DETAILS ON A700.2	06/04/18	AVK
	-	RE- 90% FRANCHISE COMMENTS	06/04/18	AVK
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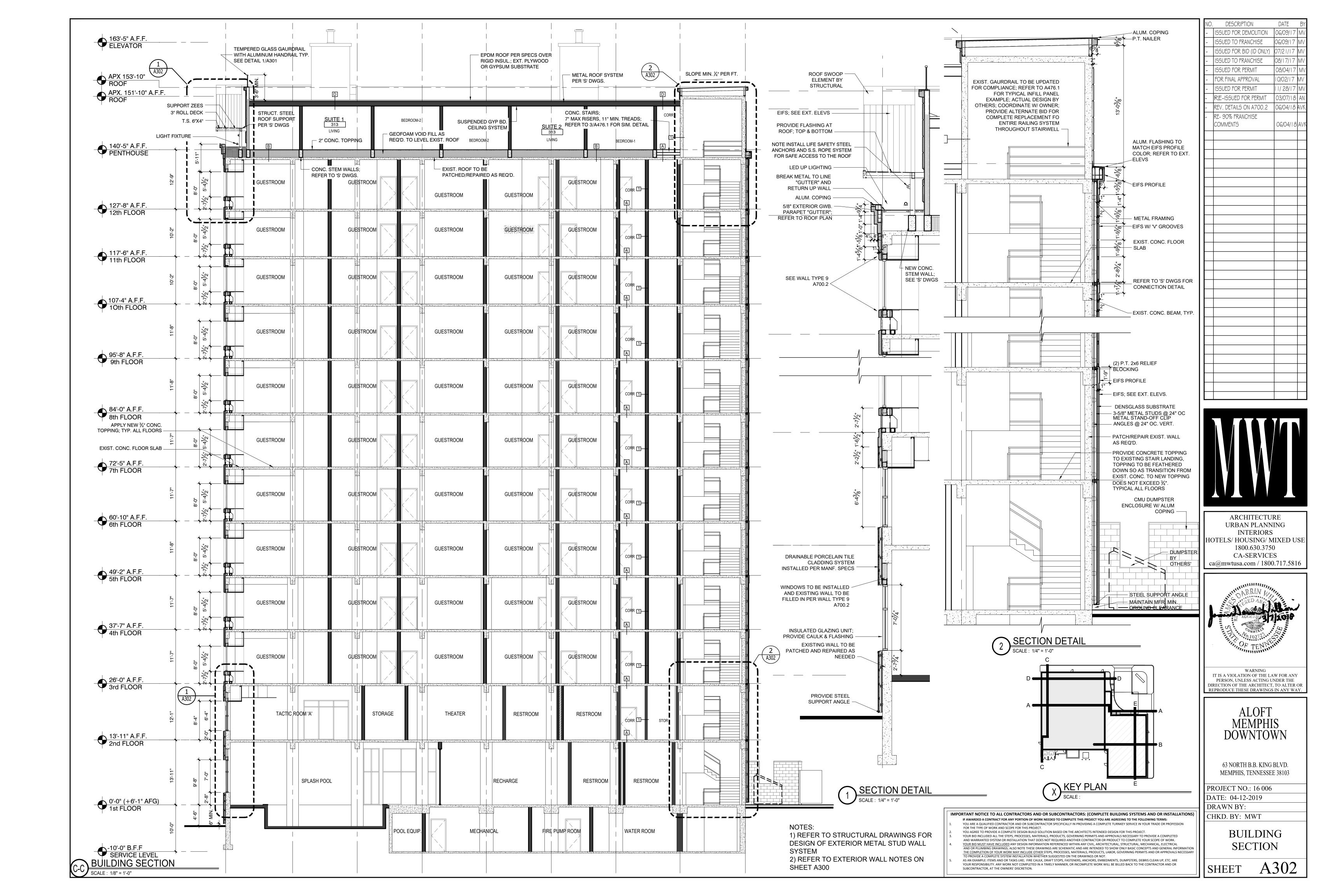
> ALOFT **MEMPHIS** DOWNTOWN

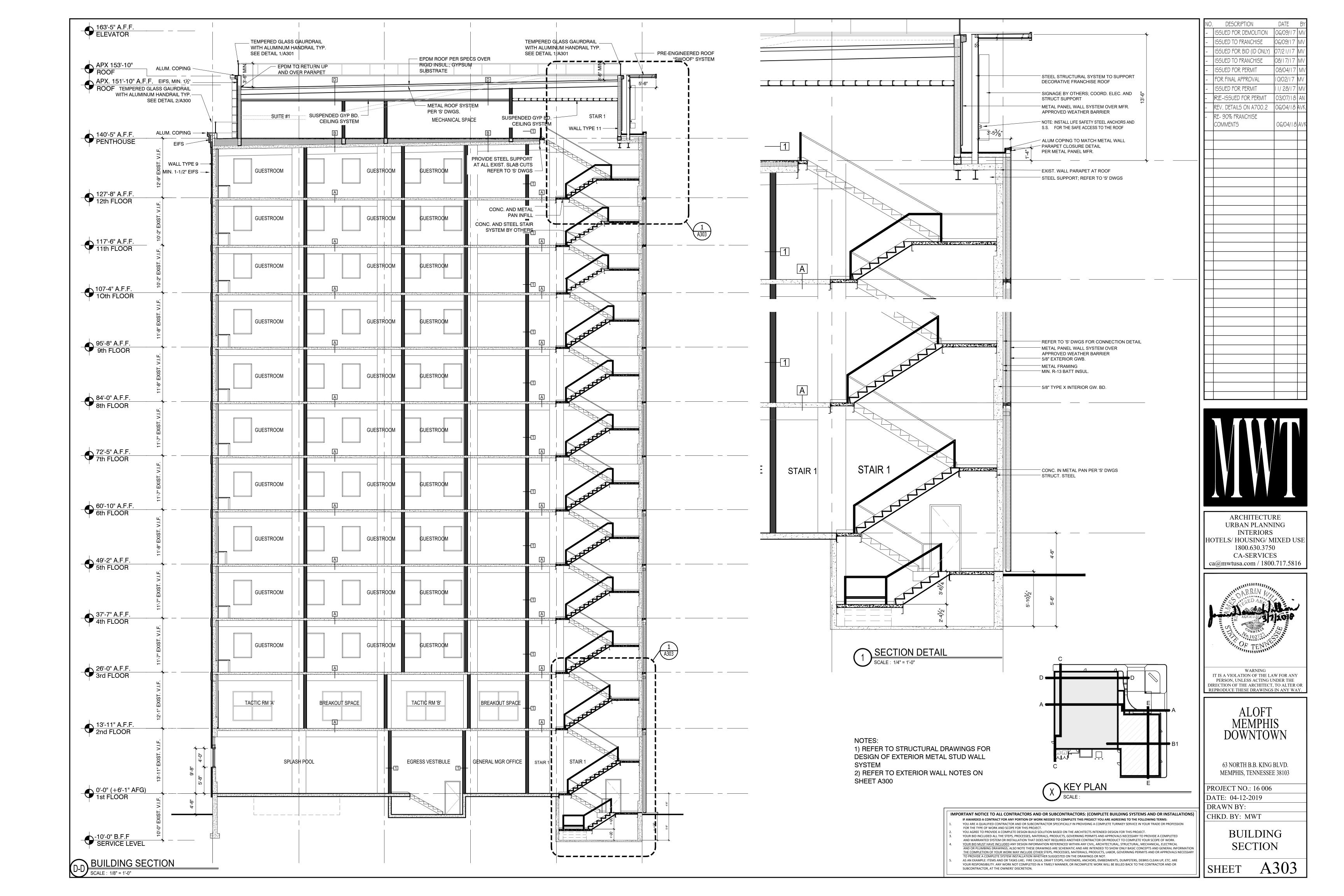
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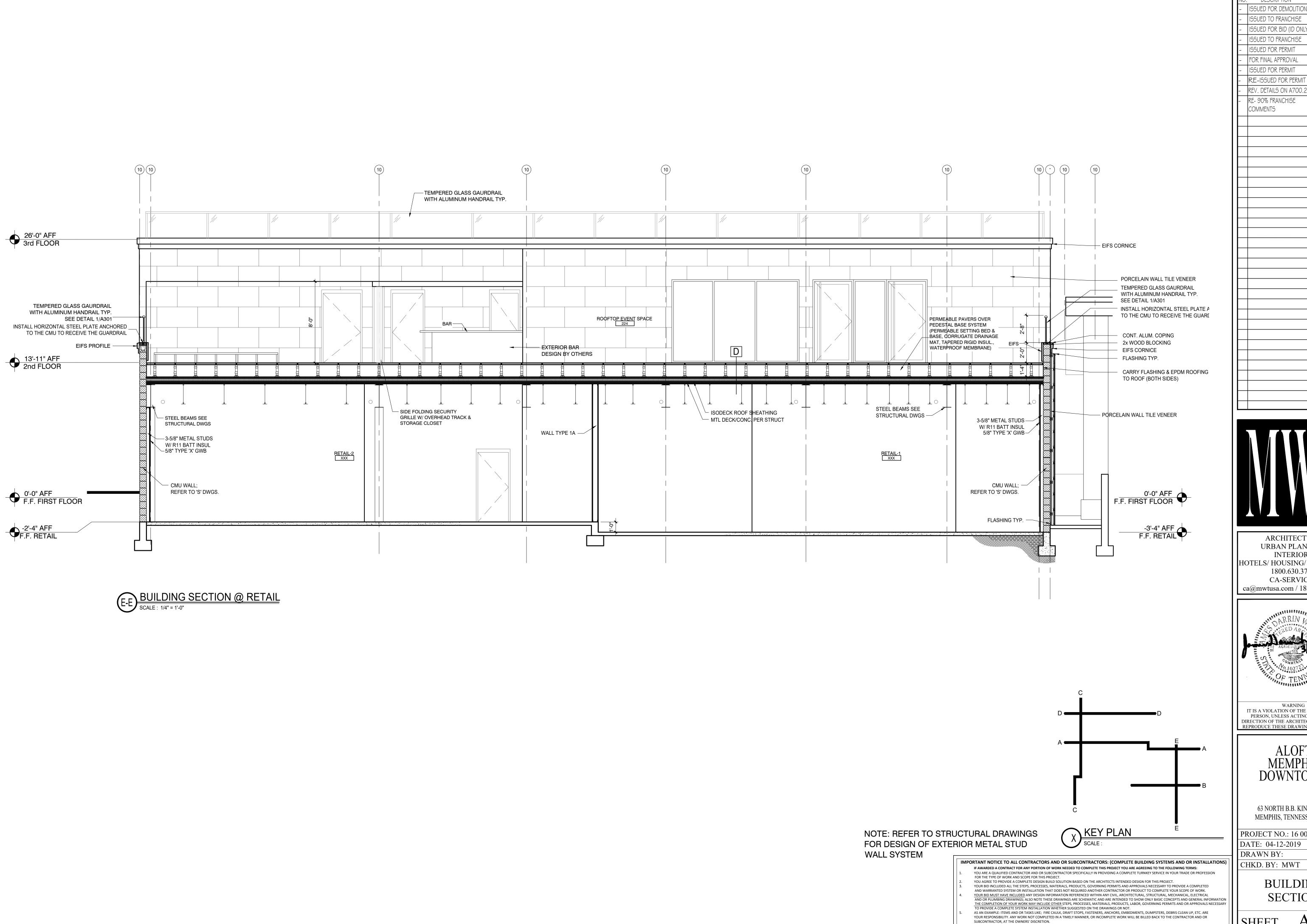
PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

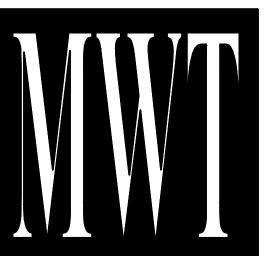
> BUILDING **SECTION**



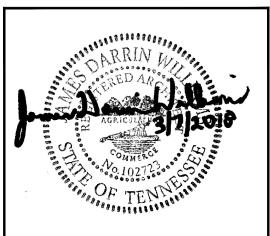




DESCRIPTION DATE ISSUED FOR DEMOLITION 06/09/17 ISSUED FOR BID (ID ONLY) RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 | 06/04/18 AVI 06/04/18



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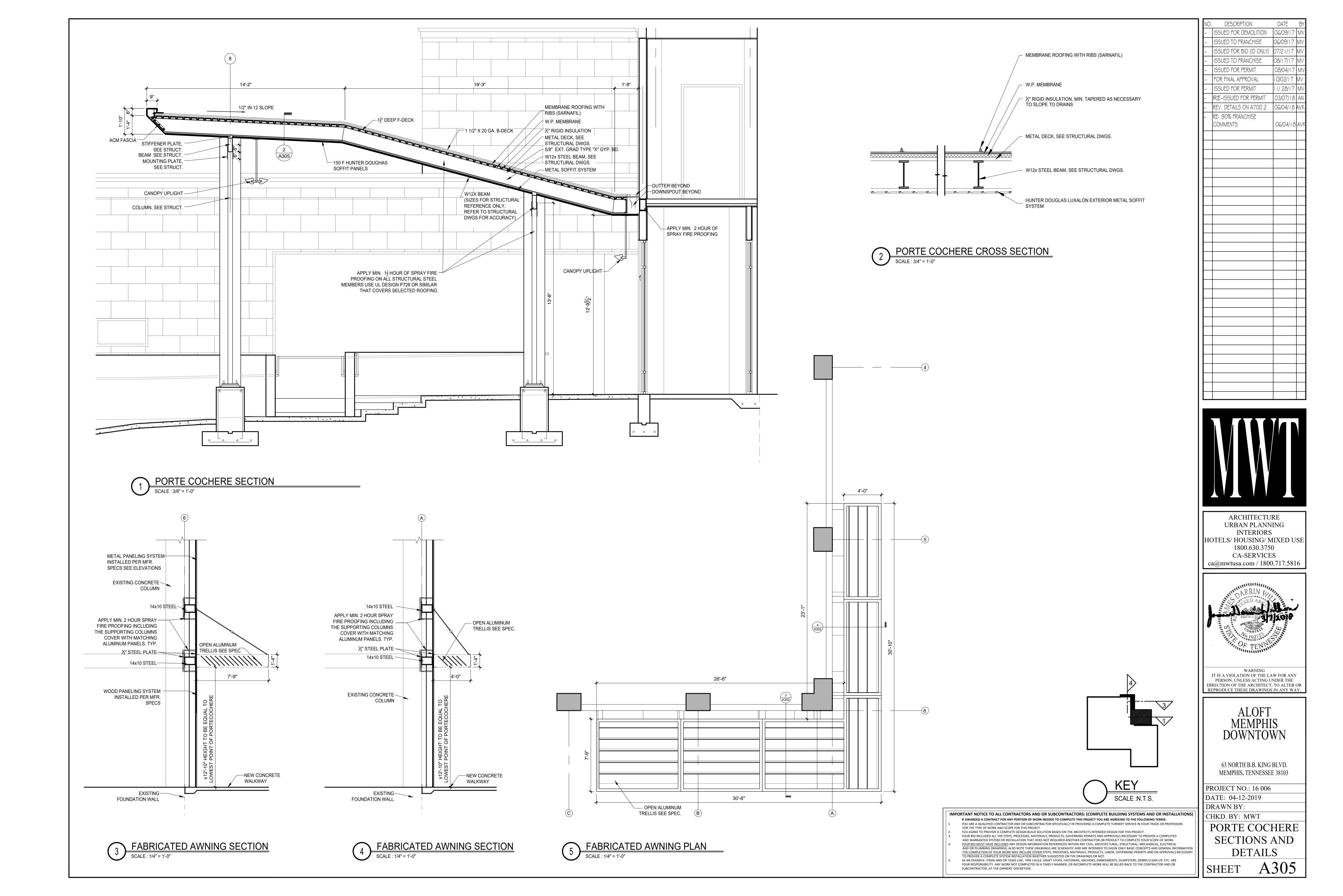
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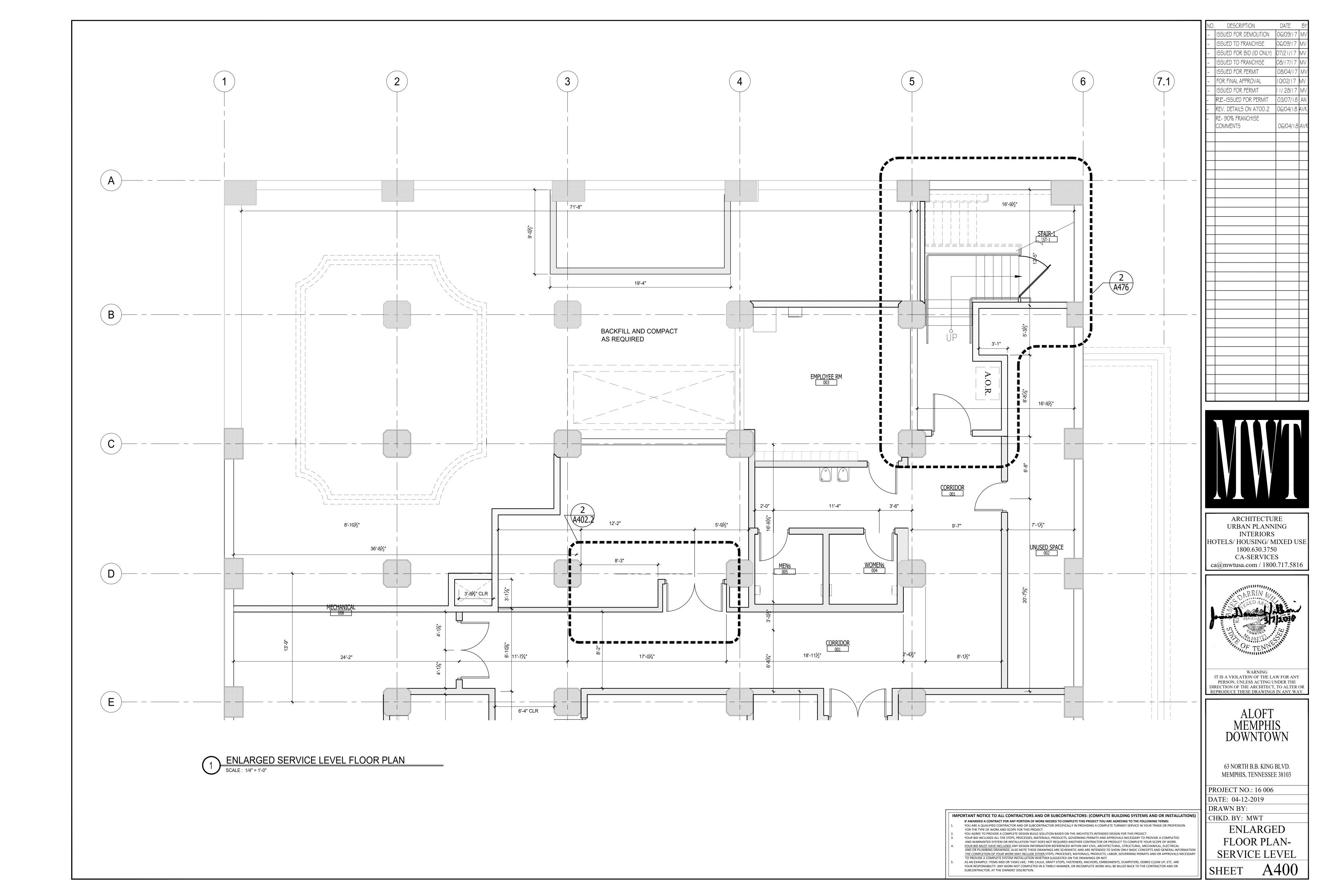
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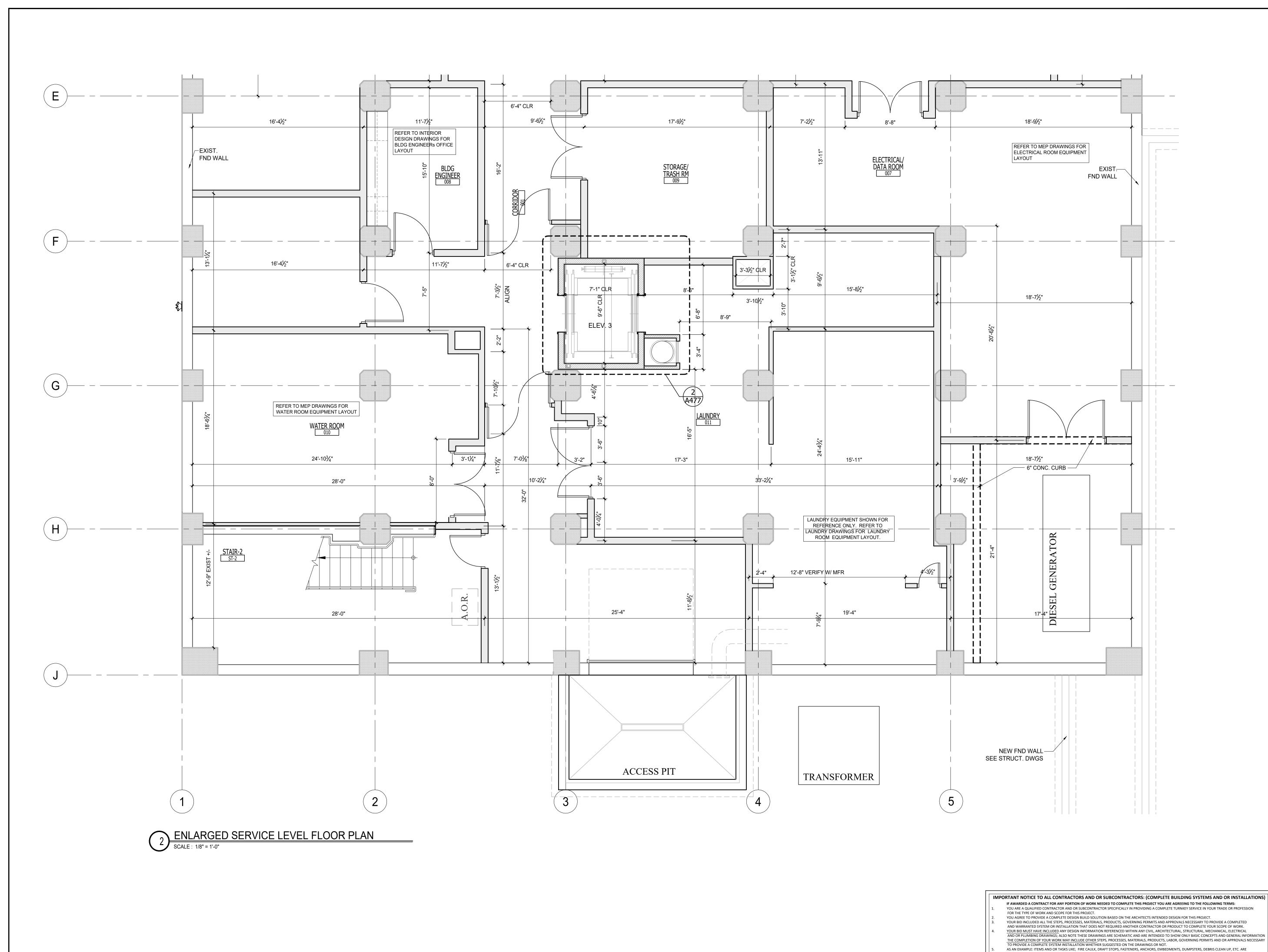
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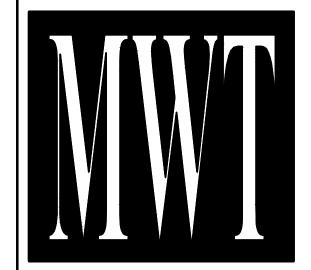
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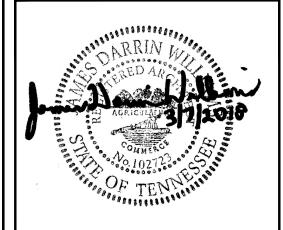




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- REV. DETAILS ON A700.2 06/04/18 AVK
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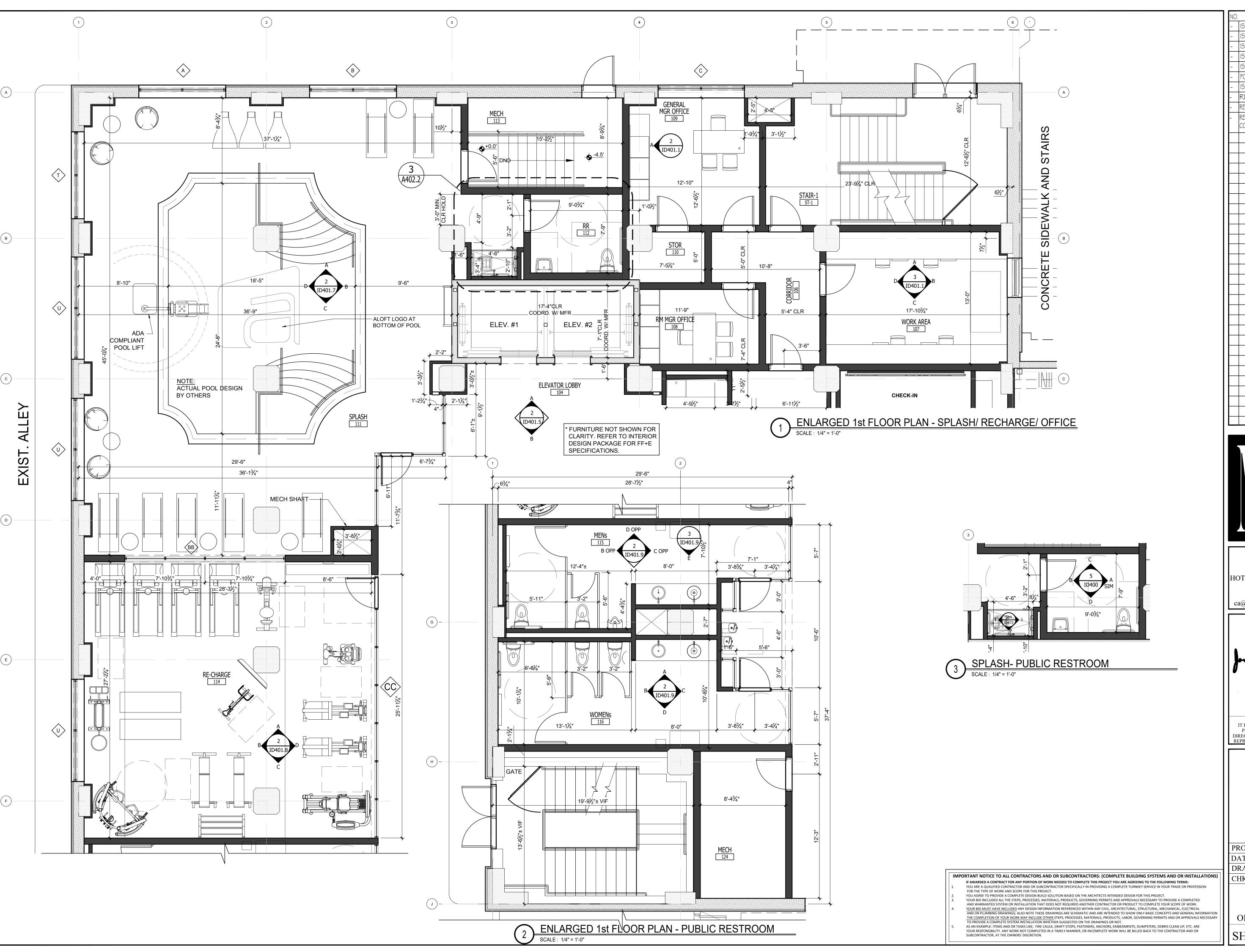
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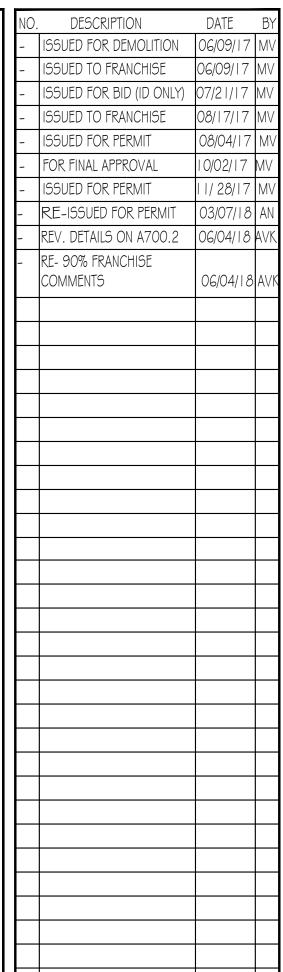
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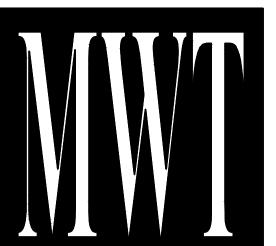
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ENLARGED FLOOR PLAN-SERVICE LEVEL

SHEET **A400.1**









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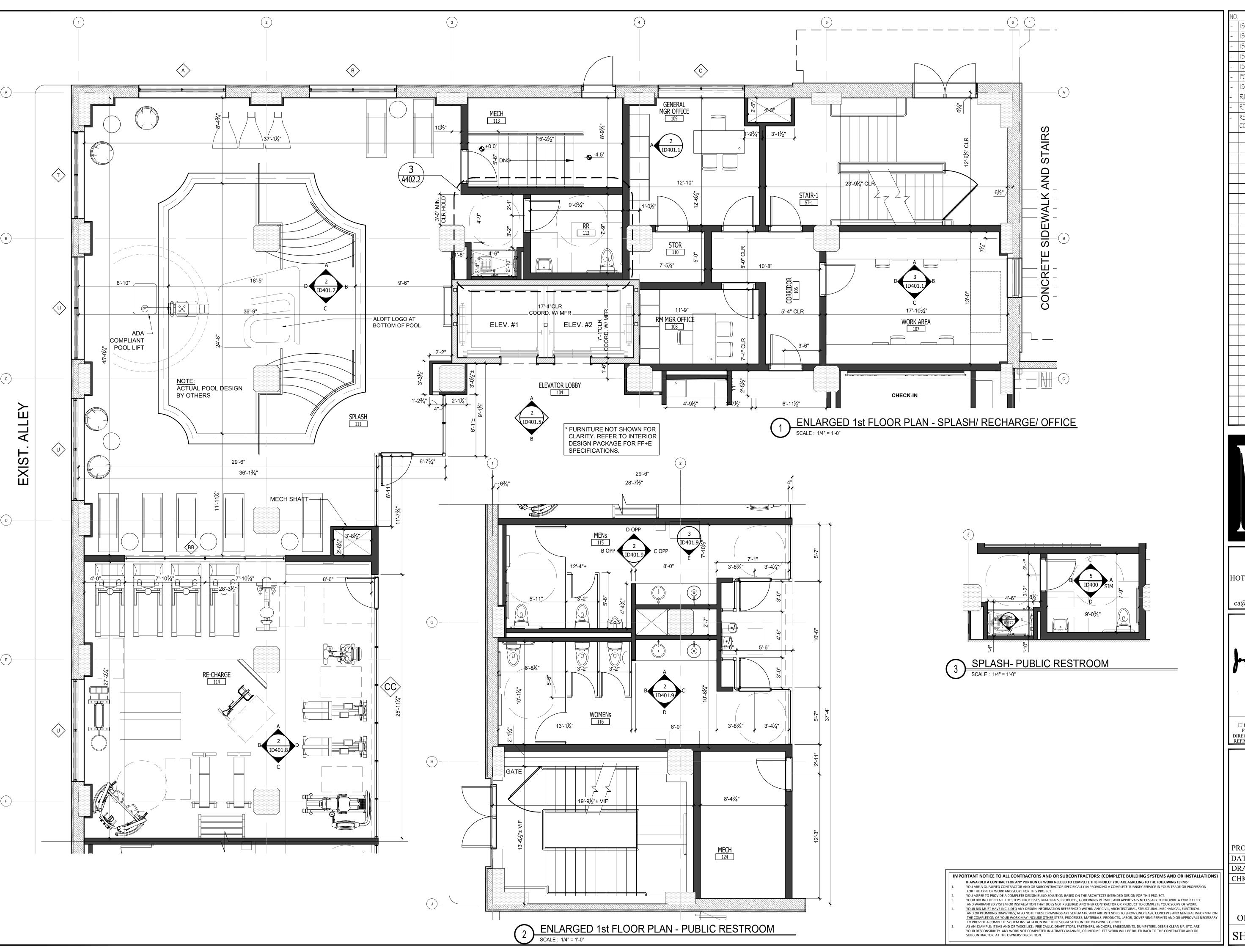
ALOFT MEMPHIS DOWNTOWN

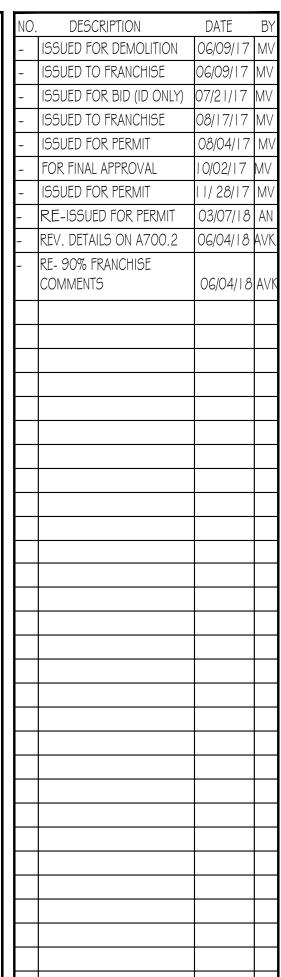
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

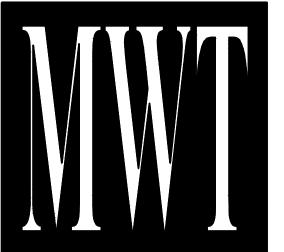
PROJECT NO.: 16 006
DATE: 04-12-2019

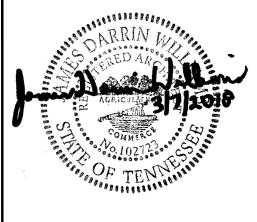
DRAWN BY:
CHKD. BY: MWT

ENLARGED
1st FLR PLANOFFICE/POOL/FITNESS









WARNING
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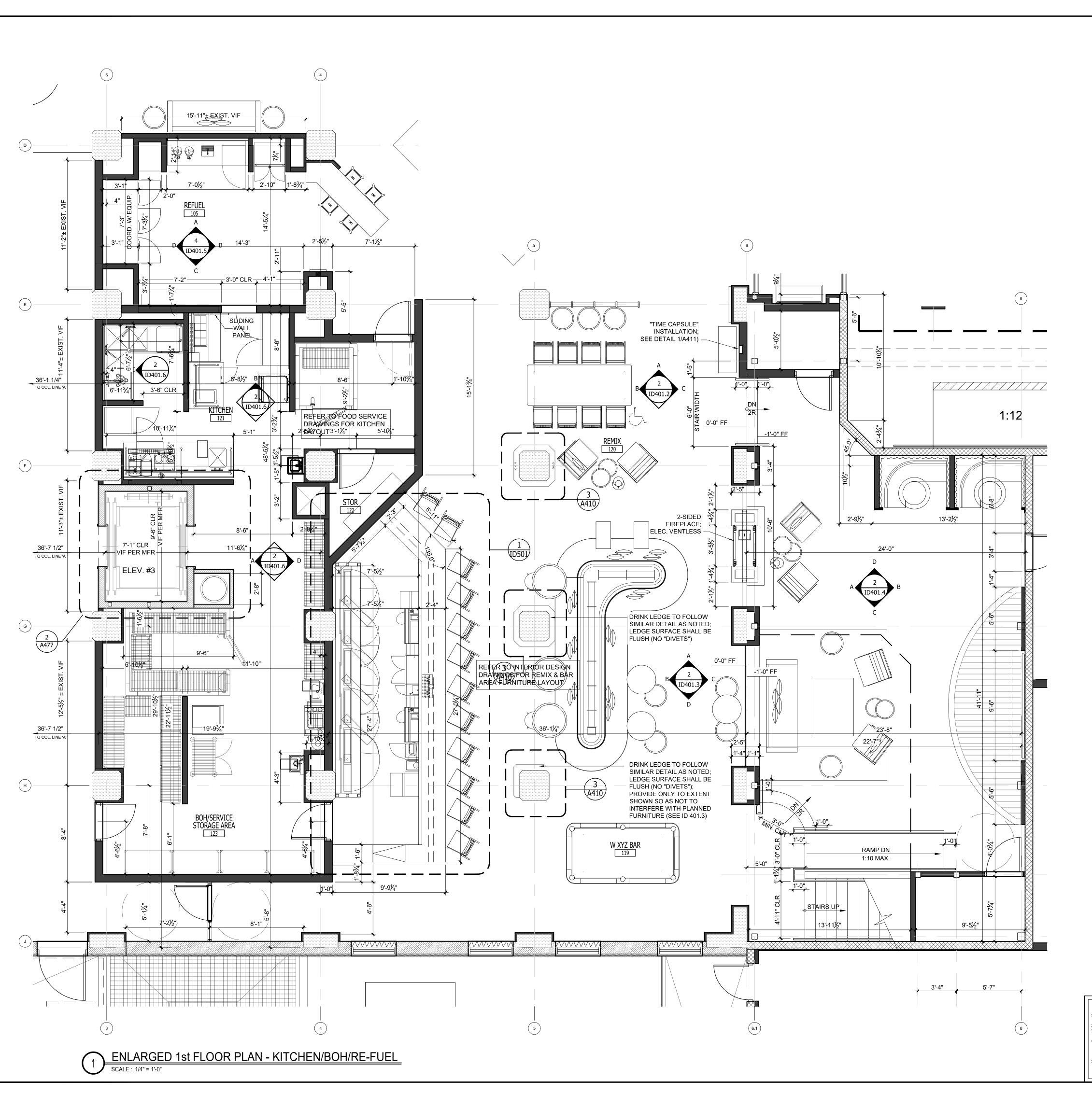
ALOFT MEMPHIS DOWNTOWN

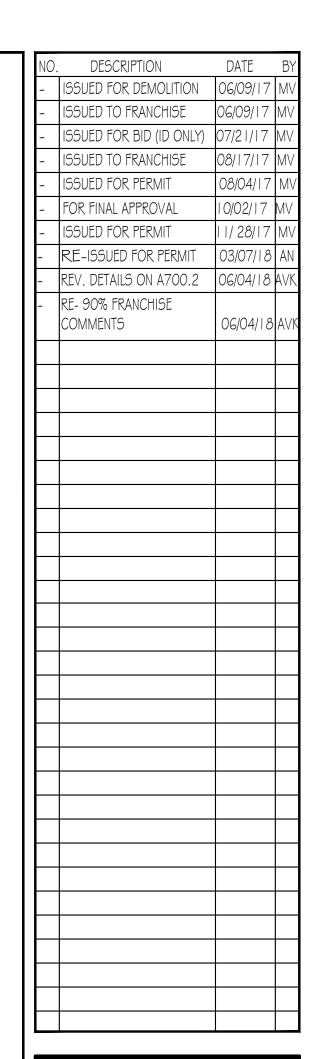
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

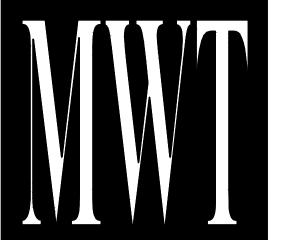
PROJECT NO.: 16 006
DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

ENLARGED
1st FLR PLANOFFICE/POOL/FITNESS









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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 04-12-2019
DRAWN BY:
CHKD. BY: MWT

ENLARGED 1st FLR PLAN-KITCHEN/BOH/RE-FUEL

SHEET A401.1

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

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1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

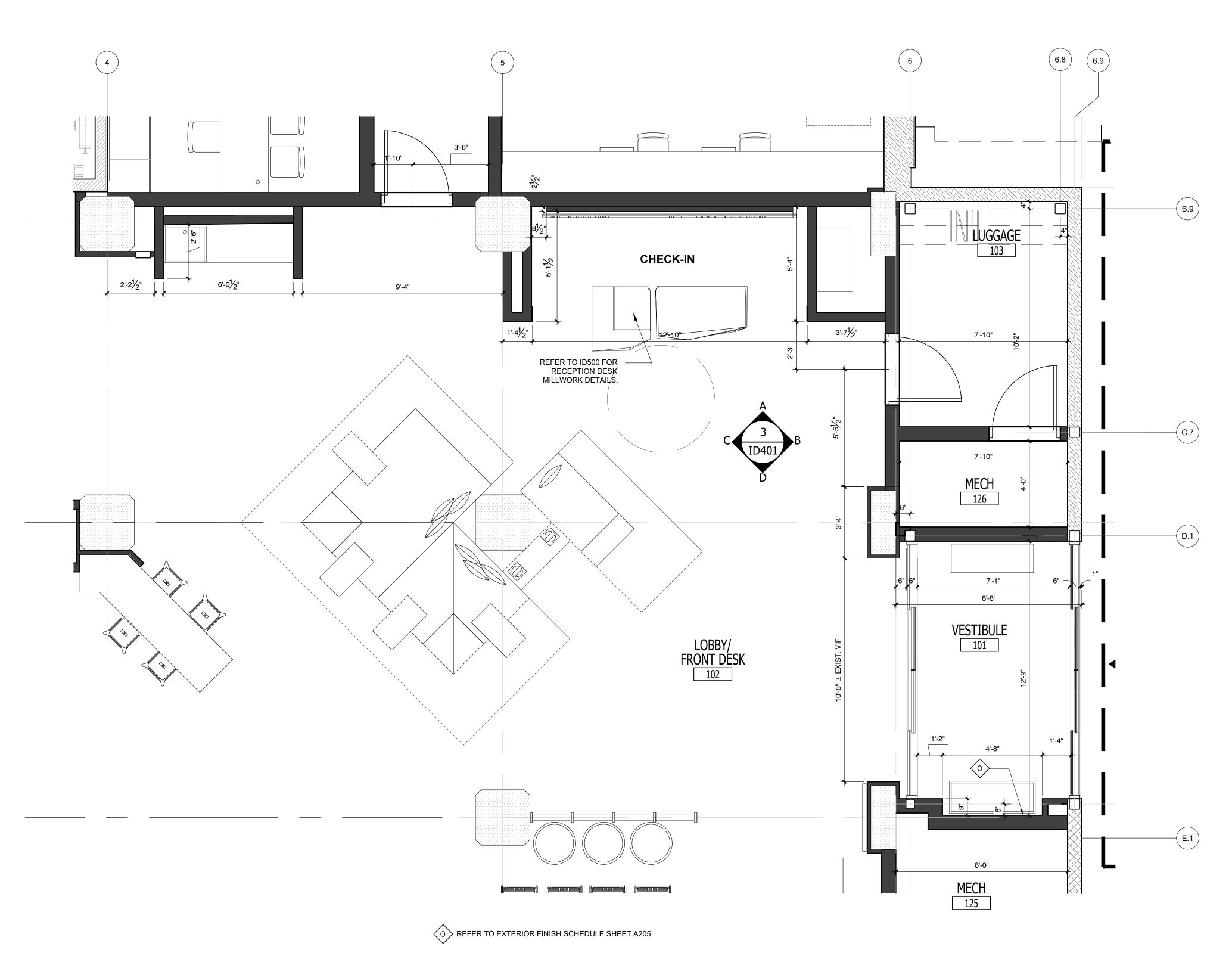
2. YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.

3. YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

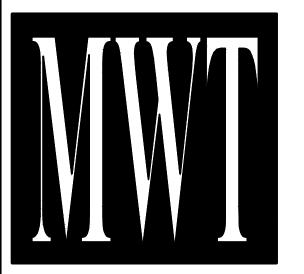
YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSAF
TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.
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NO. DESCRIPTION DATE B ISSUED FOR DEMOLITION 06/09/17 MV ISSUED TO FRANCHISE 06/09/17 MV ISSUED FOR BID (ID ONLY) |07/21/17 |MV ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 06/04/18 AVK RE- 90% FRANCHISE COMMENTS 06/04/18 AVI



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

> ENLARGED 1st FLR PLAN-LOBBY

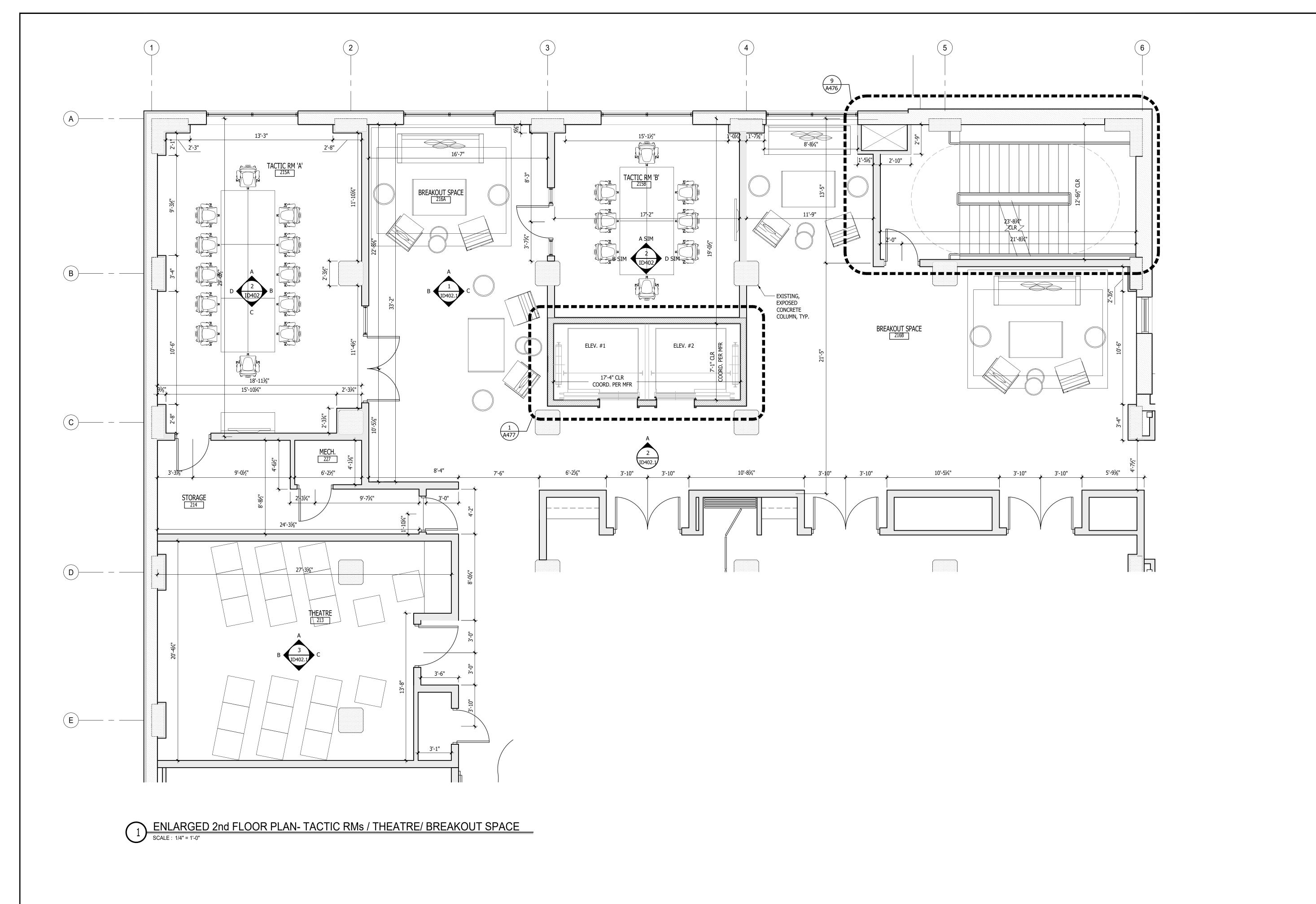


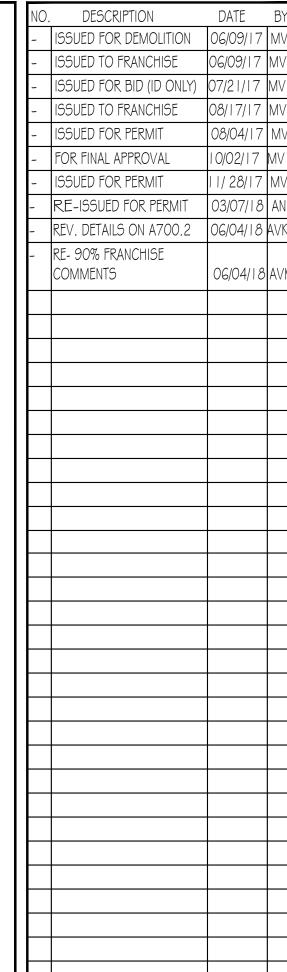
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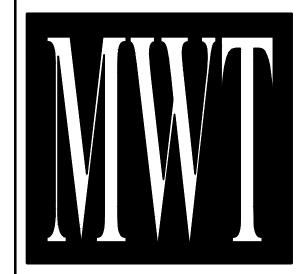
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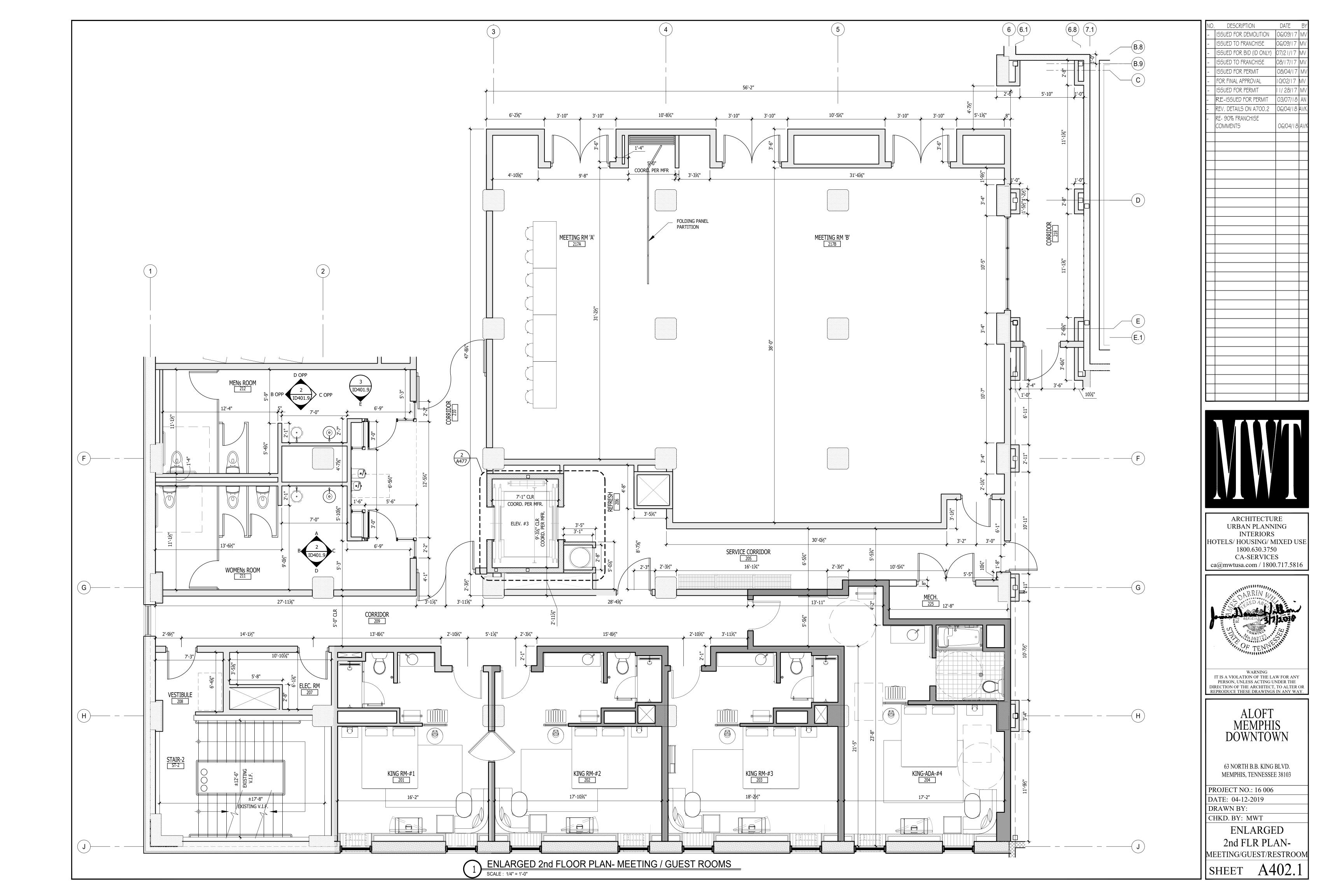
ALOFT MEMPHIS DOWNTOWN

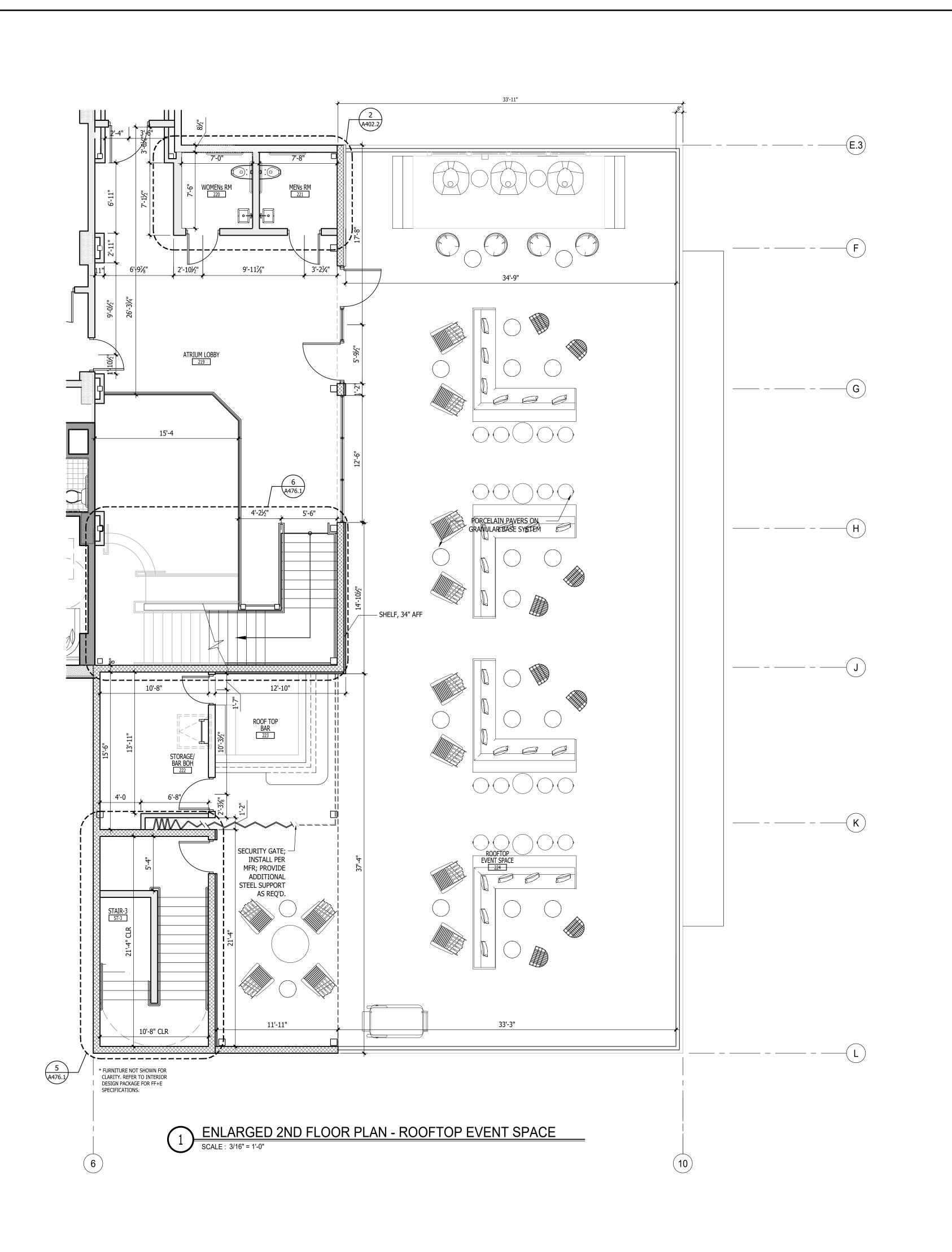
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

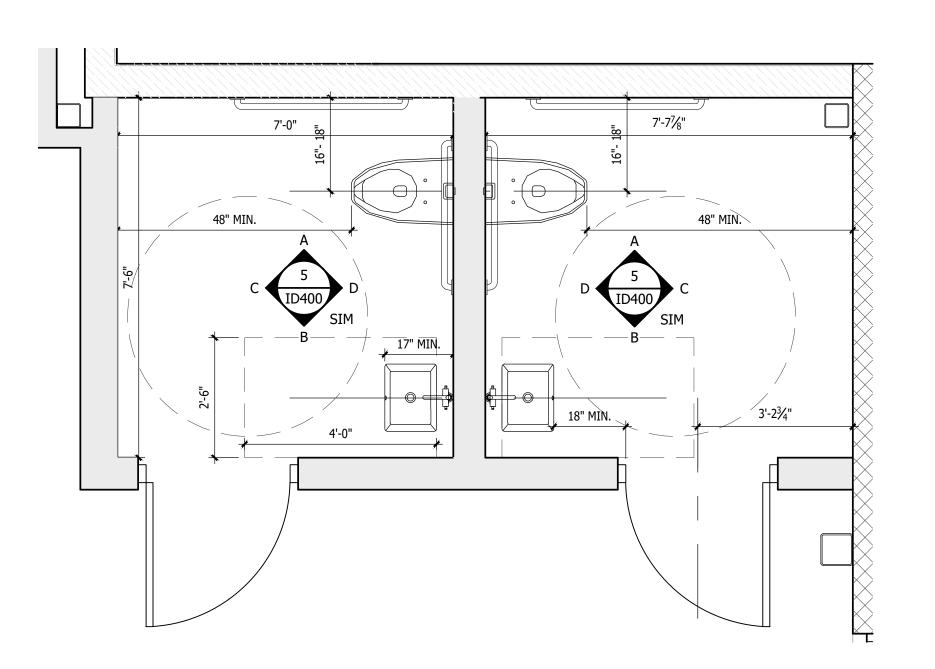
PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

ENLARGED
2nd FLR PLANTACTIC RMs/THEATRE

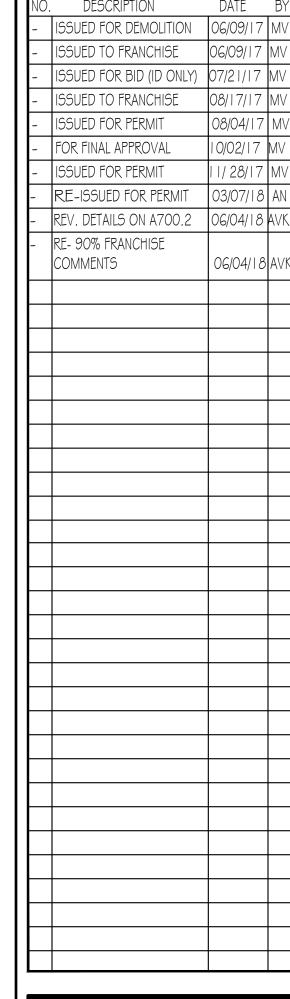






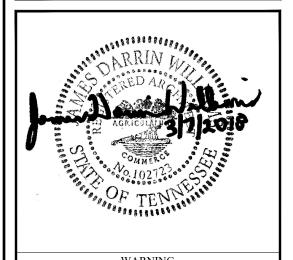
2 ENLARGED PUBLIC RESTROOM

SCALE: 1/2" = 1'-0"





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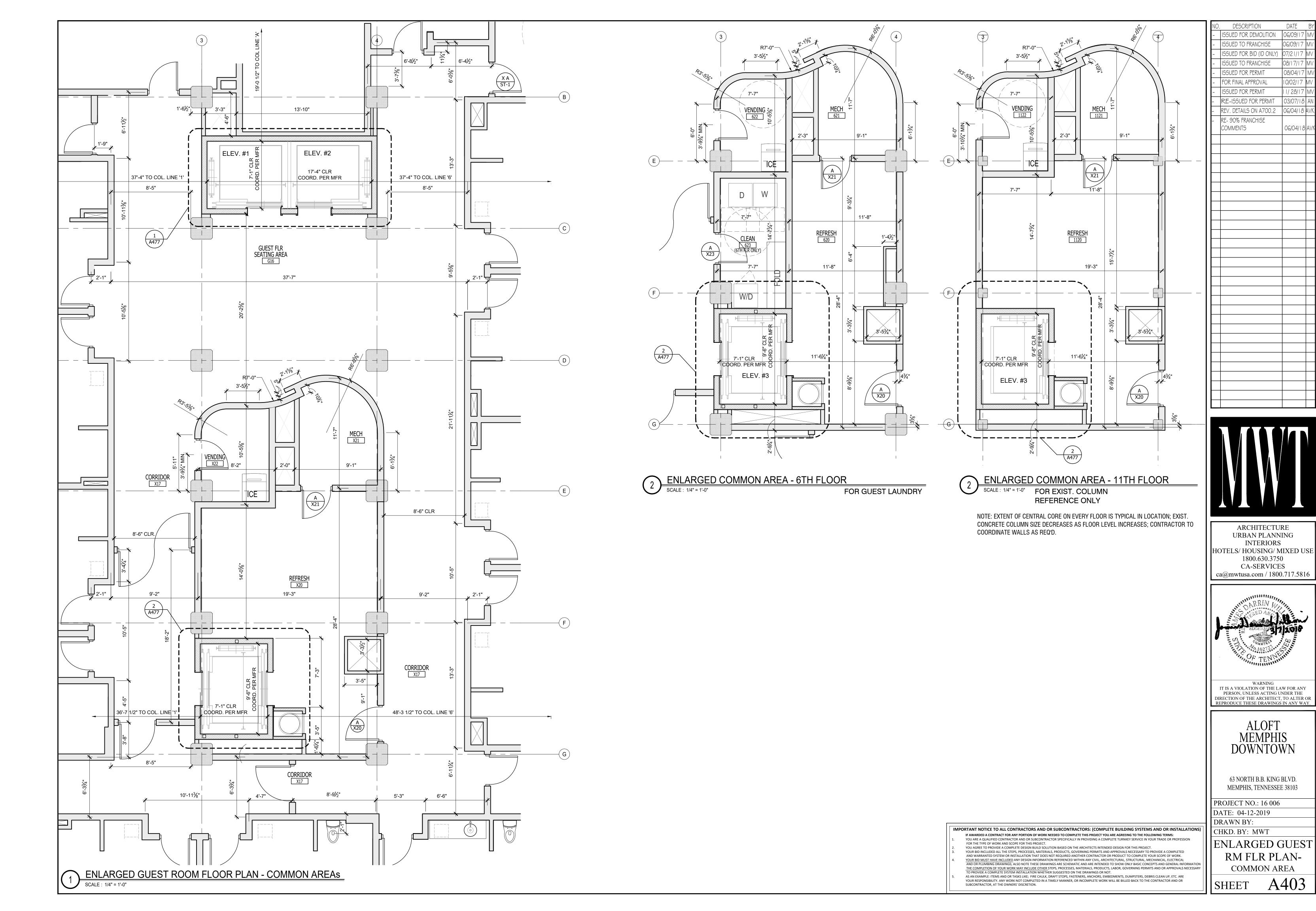
ALOFT MEMPHIS DOWNTOWN

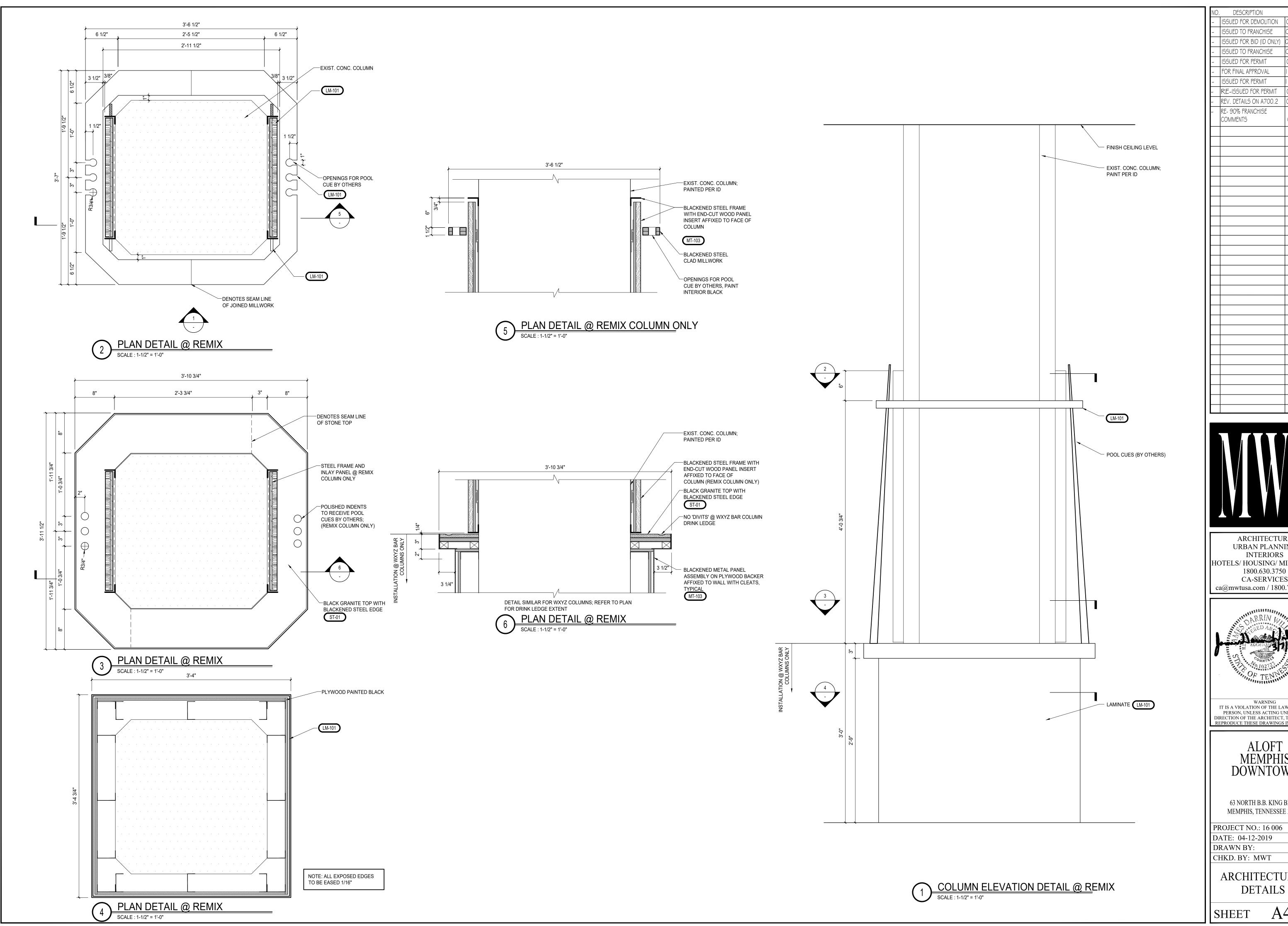
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

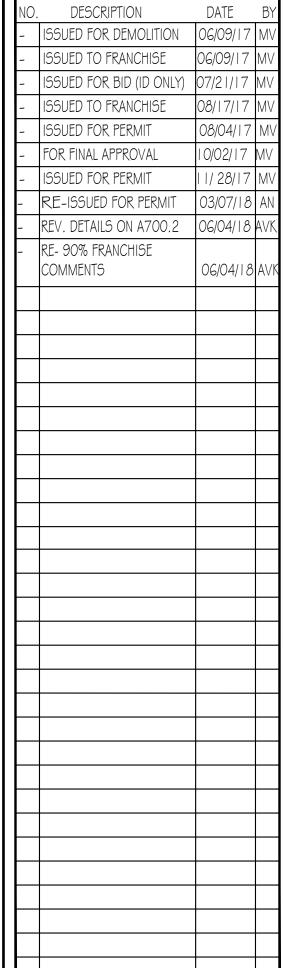
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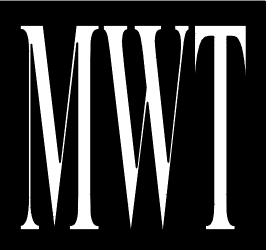
DRAWN BY: CHKD. BY: MWT

ENLARGED 2nd FLR
PLAN-ROOF EVENT
SPACE/ ATRIUM











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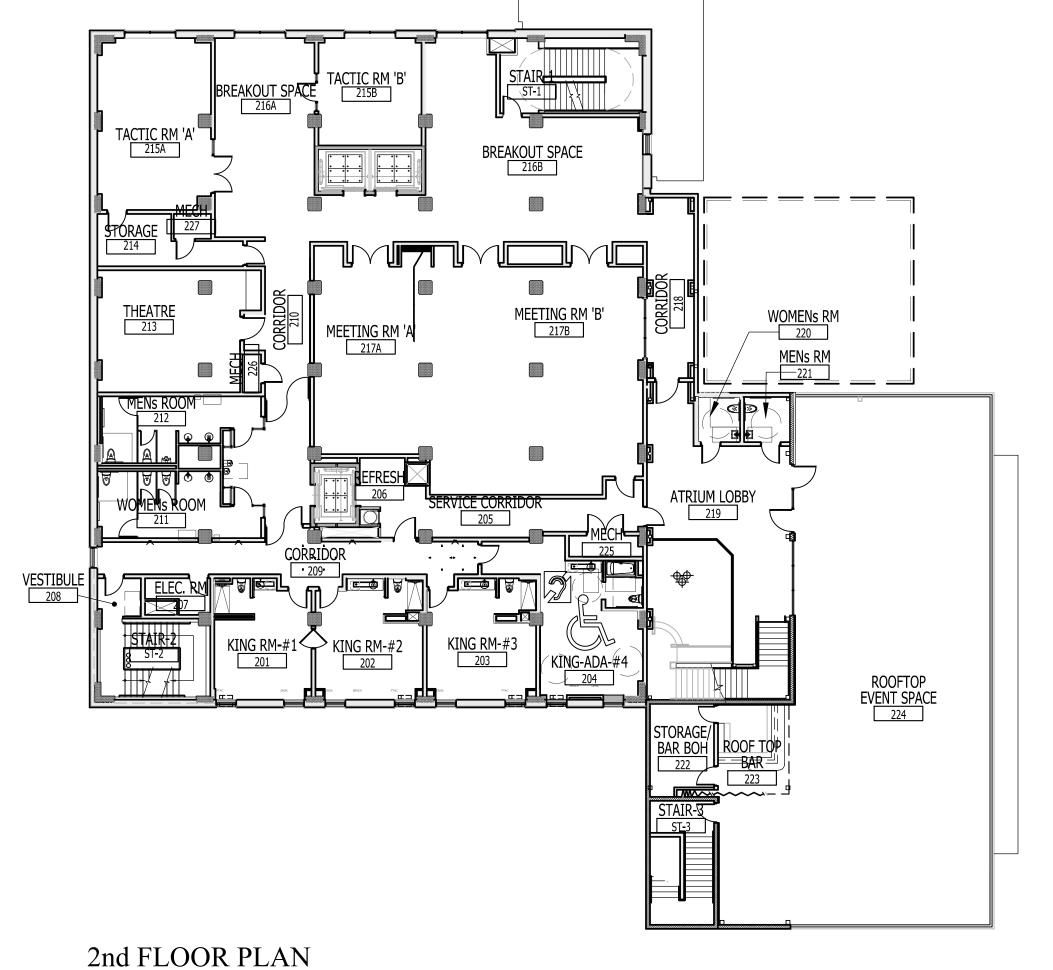
ALOFT MEMPHIS DOWNTOWN

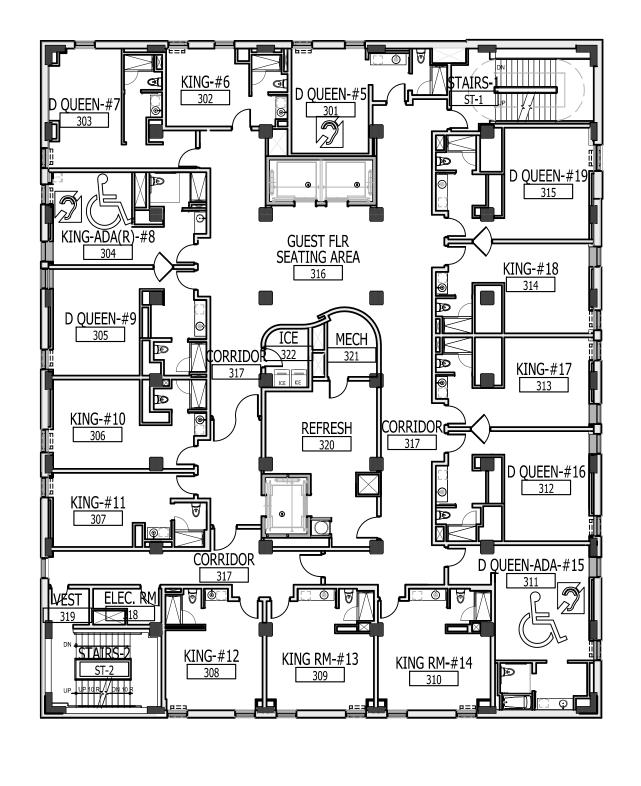
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

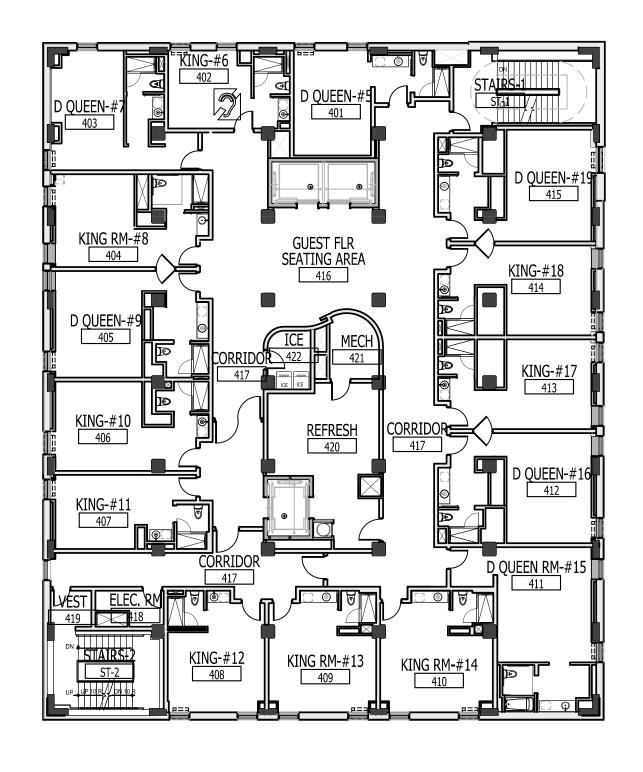
PROJECT NO.: 16 006

ARCHITECTURAL

A410





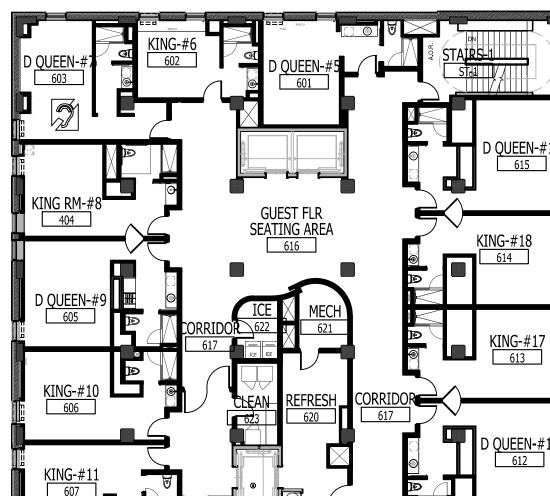


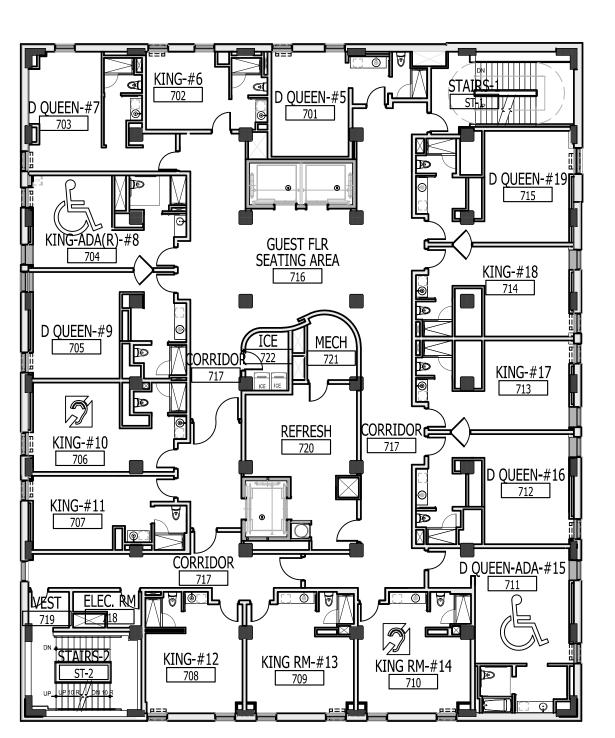
4th FLOOR PLAN

3rd FLOOR PLAN

GUESTROOM UNIT MATRIX

ROOM TYPE	FLOOR													TOTALO
	1	2	3	4	5	6	7	8	9	10	11	12	SUITE	TOTALS
DOUBLE QUEEN			5	6	5	6	5	6	5	6	6	6		56
DOUBLE QUEEN ADA			1		1		1		1					4
KING		3	8	9	8	9	8	9	8	9	9	9		89
KING ADA		1												1
KING ADA (ROLL-IN)			1		1		1		1					4
2 BDR- SUITE (ADA COMPLIANT)													2	2
TOTALS		4	15	15	15	15	15	15	15	15	15	15	2	156





- REFER TO A450-450.1 FOR KEY PLANS
- ROOMS NOT REQUIRED TO BE ADA COMPLIANT MAY BE THE SAME LAYOUT, BUT DO NOT REQUIRE TO BE OUTFIT WITH ANSI ACCESSORIES.
- ROOMS NOT REQUIRED TO BE ADA COMPLIANT SHALL BE OUTFIT WITH STANDARD FURNITURE TYPES

ADA ROOMS ARE AS FOLLOWS:

204, 304(R), 311, 504(R), 511, 704(R), 711, 904(R), 911 (R) DENOTES ROLL-IN SHOWER LOCATION * MINIMUM STANDARDS OF ADA ROOMS SHALL COMPLY WITH

- GUIDELINES. DISTRIBUTION SHALL BE AS FOLLOWS: (1) ROOM OF EACH TYPE SHALL BE COMPLIANT

SECTION 1107.6.1. REFER TO ANSI 117.1-2009 FOR

- (6) ROOMS SHALL BE FULLY EQUIPPED WITH ACCESSORIES & BATHTUBS
- (2) ROOMS SHALL BE FULLY EQUIPPED WITH ACCESSORIES & ROLL-IN SHOWERS

A/V DEVICES SHALL BE INSTALLED IN ROOMS: 204, 301, 304, 311, 402, 505, 512, 603, 706, 710, 901, 909, 1103, 1112

- * MINIMUM DISTRIBUTION OF AUDIO/VISUAL DEVICES SHALL BE INSTALLED PER SECTION 907.5.3.3:
- 14 GUEST ROOMS REQUIRED • (1) ROOM OF EACH TYPE SHALL BE COMPLIANT

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SSUED FOR DEMOLITION

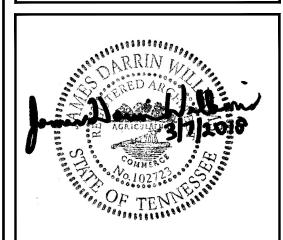
SSUED FOR PERMI

REV. 90% REVIEW

COMMENTS

REV. DETAILS ON A700.2 | 06/04/18 AVI

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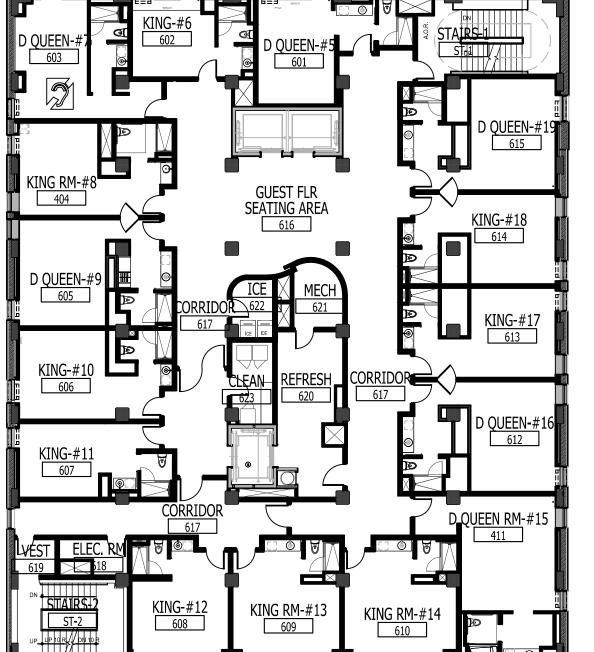
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> **ALOFT** MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

> **ROOM KEY PLAN**

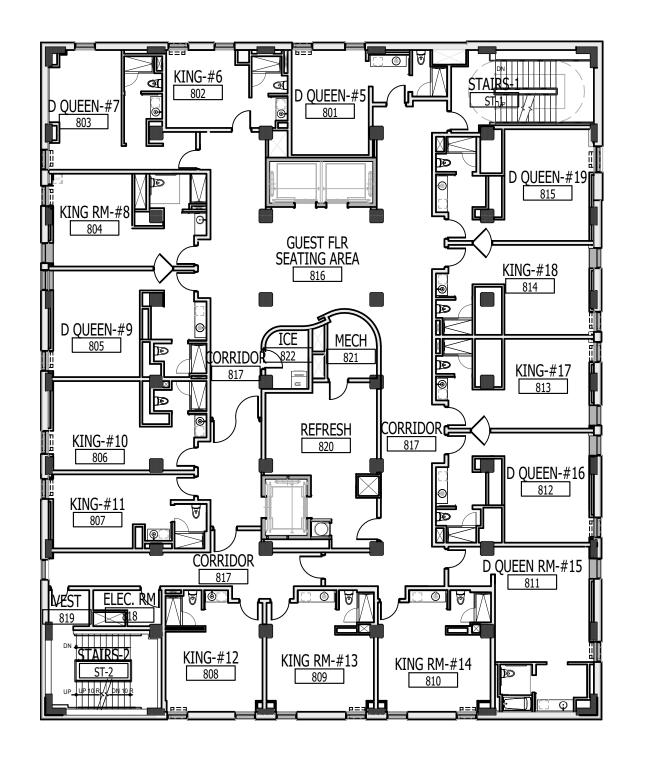


5th FLOOR PLAN 6th FLOOR PLAN

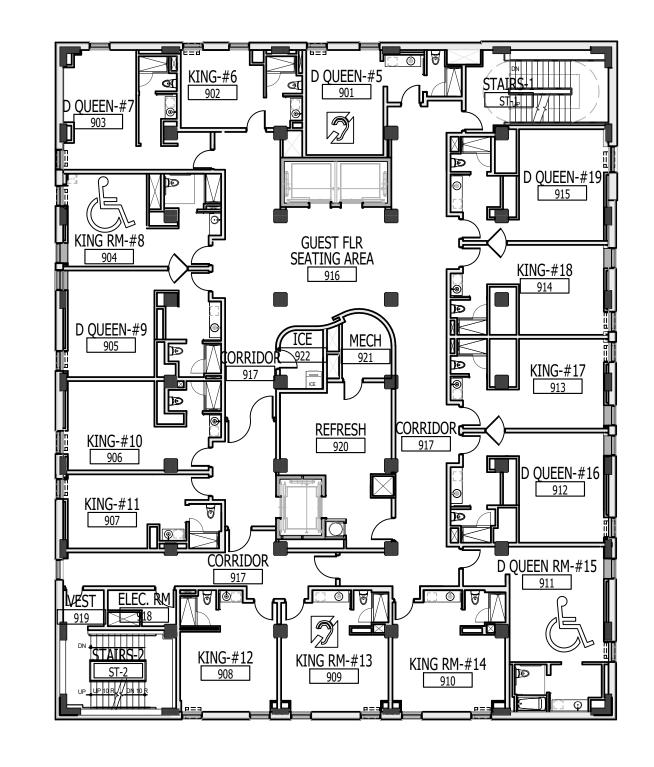
7th FLOOR PLAN

ROOM KEY PLANS

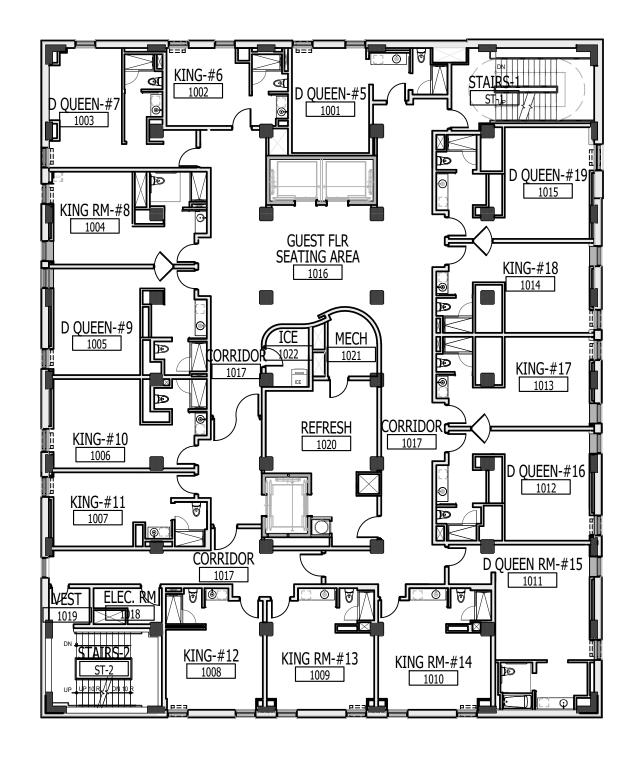
SCALE: 1/8" = 1'-0"



8th FLOOR PLAN



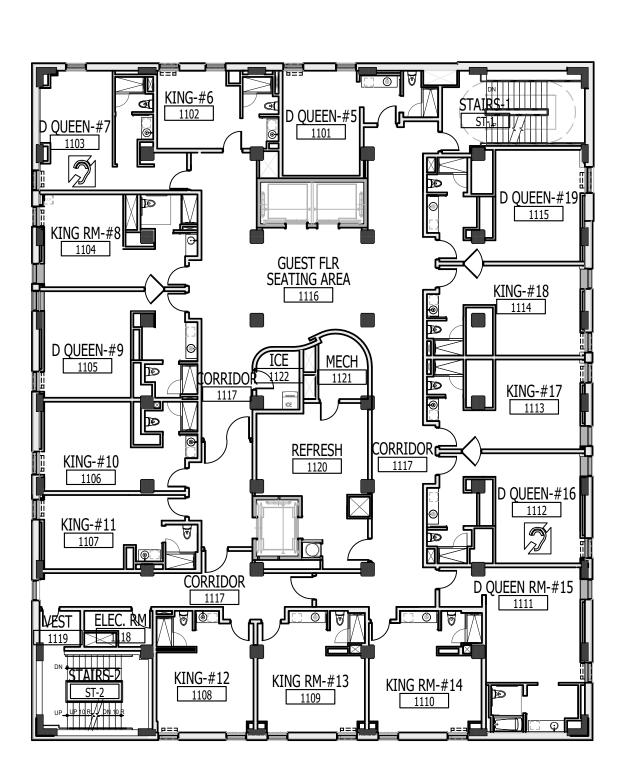
9th FLOOR PLAN

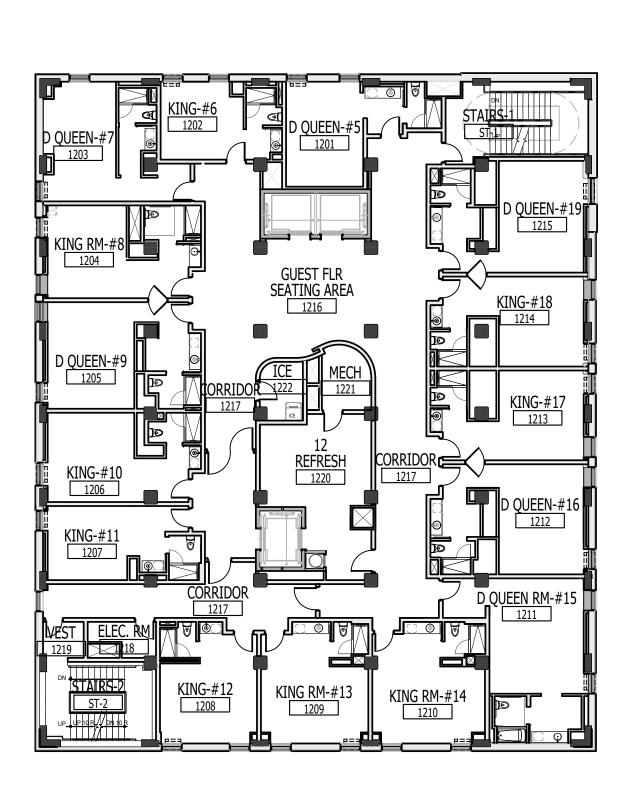


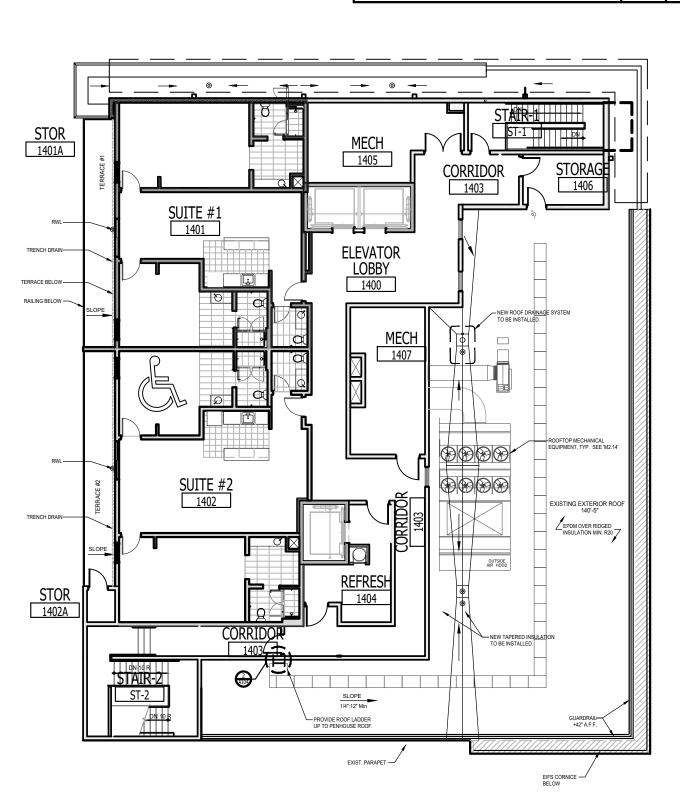
10th FLOOR PLAN

GUESTROOM UNIT MATRIX

ROOM TYPE	FLOOR												TOTALS	
	1	2	3	4	5	6	7	8	9	10	11	12	SUITE	TOTALS
DOUBLE QUEEN			5	6	5	6	5	6	5	6	6	6		56
DOUBLE QUEEN ADA			1		1		1		1					4
KING		3	8	9	8	9	8	9	8	9	9	9		89
KING ADA		1												1
KING ADA (ROLL-IN)			1		1		1		1					4
2 BDR- SUITE (ADA COMPLIANT)													2	2
TOTALS		4	15	15	15	15	15	15	15	15	15	15	2	156







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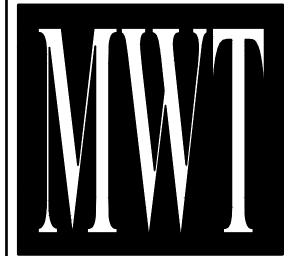
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 04-12-2019

DRAWN BY:

CHKD. BY: MWT

ROOM KEY PLAN

SHEET A450.1

11th FLOOR PLAN

12th FLOOR PLAN

PENTHOUSE FLOOR PLAN



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED FOR PERMIT FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION | 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

REV. DETAILS ON A700.2 06/04/18 AVI

08/04/17

10/02/17

03/07/18 A

11/28/17 M

06/04/18 AV

- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYP AND COVER.

GENERAL NOTES

- 1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
- 2. ELECTRICAL OUTLETS SHOWN ON ELEC/ PLUMBING/ MECH PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
- 3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
- 4. ALL ELECTRICAL DIMENSIONS ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.
- 5. G.C. TO PROVIDE BLOCKING AND / OR STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED
- TO CEILING ARCHITECT OF RECORD TO REVIEW.
- 6. ALL GUEST FACING WALLS SHALL BE LEVEL 5, EGGSHELL FINISH
- 7. ROLLER SHADE SHALL INCLUDE 'BINARY TWEED' GRAPHIC PRINT, CONTACT VQC VENDOR FOR GRAPHICS
- 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL BE INTENTIONALLY EXPOSED APPROXIMATELY 3".
- 9. WARDROBE & SCREEN WALL BASE PLATE SHALL BE MOUNTED PRIOR TO LVT, DRILLING THROUGH LVT WILL VOID MANUFACTURER WARRANTY.

funning CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA

AO ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL A100 FFE SCREEN TO BE SECURED TO FLOOR AND
- STRUCTURE ABOVE
- A101 PROVIDE BLOCKING IN WALL

E0 > ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN.
- E2 WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY OF ADJACENT GUESTROOMS, TYPICAL.
- E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS
- VENTING IS USED, INSTALL LIGHT ONLY, R77. E5 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY
- ACCESSIBLE ROOMS. E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL
- ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF TOILET ROOM AND SHOWER.
- E7 VERIFY THAT SLEEVE EXTENDS 8" TO 14" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR PTAC IS BELOW PTAC.
- E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON
- E43 PROVIDE CONTINUOUS VENTILATION SYSTEM IN
- E110 SWITCH TO CONTROL "GLOBE" SCONCE AT
- E116 ELECTRICAL SHOWN MOUNTED ON WALL SURFACE BEHIND FURNITURE PIECE.

ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE
- GROUND FAULT INTERRUPTER, DUPLEX
- RECEPTACLE THERMOSTAT
- TELEPHONE OUTLET

RACEWAY & WIRING

- TV OUTLET JUNCTION BOX
- PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER OF REPRODUCE THESE DRAWINGS IN ANY WAY ALOFT MEMPHIS DOWNTOWN

IT IS A VIOLATION OF THE LAW FOR ANY

ARCHITECTURE

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63 NORTH B.B. KING BLVD.

MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 04-12-2019 DRAWN BY: EF/RW

CHKD. BY: MWT **ENLARGED**

RM#6 KING

PLANS & DETAILS SHEET A456

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PROCESSES, WAS ARRESTED ON THE DEAD OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED ON THE DEAD OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED OTHER STEPS, WAS ARRES AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.



- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYP AND COVER.

GENERAL NOTES

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E0 > ENGINEERING

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ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE GROUND FAULT
- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT TELEPHONE OUTLET
- TV OUTLET
- JUNCTION BOX RACEWAY & WIRING

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

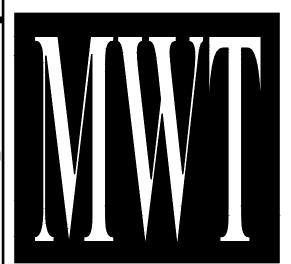
PROJECT NO.: 16 006

DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

> **ENLARGED** RM#1 KING **PLANS & DETAILS**

SHEET A451



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

ISSUED TO FRANCHISE 08/17/17 |

REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

10/02/17

03/07/18 A

11/28/17 M

06/04/18 AV

ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750



CA-SERVICES

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COMMENTS

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ISSUED FOR DEMOLITION 06/09/17

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ISSUED TO FRANCHISE | 08/17/17 | N

REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

10/02/17

03/07/18 A

11/28/17 M

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- GRAPHIC PRINT, CONTACT VQC VENDOR FOR
- 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL
- 9. WARDROBE & SCREEN WALL BASE PLATE SHALL BE MOUNTED PRIOR TO LVT, DRILLING THROUGH LVT

CRITERIA NOTES

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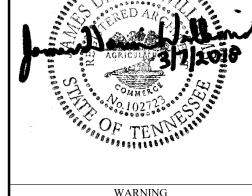
AO ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL
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ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @
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- CEILING MTD LT FIXTURE
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- GROUND FAULT INTERRUPTER, DUPLEX
- THERMOSTAT
- TELEPHONE OUTLET
- JUNCTION BOX



ARCHITECTURE

URBAN PLANNING

INTERIORS

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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

> **ENLARGED** RM#2 KING **PLANS & DETAILS**



- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
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ENGINEERING

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ELECTRICAL LEGEND

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- RECEPTACLE
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- TV OUTLET
- JUNCTION BOX RACEWAY & WIRING

ALOFT MEMPHIS DOWNTOWN

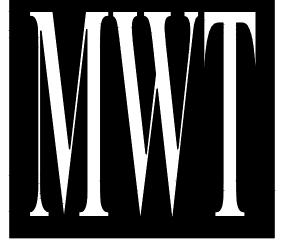
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

> **ENLARGED** RM#3 KING PLANS & DETAILS

SHEET A453



DATE

08/04/17

10/02/17

| 1 | 28/17 | M

06/04/18 AV

DESCRIPTION

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

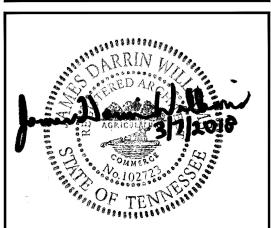
ISSUED TO FRANCHISE 08/17/17 |

RE-ISSUED FOR PERMIT 03/07/18 A

REV. DETAILS ON A700.2 06/04/18 AVI

ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES**

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GENERAL NOTES

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- GRAPHIC PRINT, CONTACT VQC VENDOR FOR
- 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL BE INTENTIONALLY EXPOSED APPROXIMATELY 3".
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- JUNCTION BOX

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 04-12-2019 DRAWN BY: EF/RW

CHKD. BY: MWT **ENLARGED**

RM#10 KING PLANS & DETAILS

SHEET A460



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) |07/21/17

REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

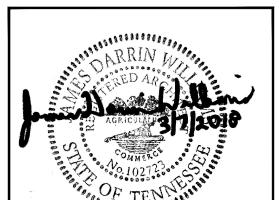
10/02/17

03/07/18 A

1/ 28/17 M

06/04/18 AV

ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES**



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- 9. WARDROBE & SCREEN WALL BASE PLATE SHALL BE MOUNTED PRIOR TO LVT, DRILLING THROUGH LVT WILL VOID MANUFACTURER WARRANTY.

CRITERIA NOTES

CRITERIA NOTES ARE SHOWN CATEGORIZED BY DISCIPLINE AND COULD BE INTERPRETED TO APPLY TO MORE THAN ONE DISCIPLINE. FOR EFFICIENCY, NOTES ARE ONLY SHOWN UNDER ONE PREDOMINANT DISCIPLINE. CONSULTANTS SHOULD FAMILIARIZE THEMSELVES WITH ALL CRITERIA

AO ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL
- A100 FFE SCREEN TO BE SECURED TO FLOOR AND STRUCTURE ABOVE
- A101 PROVIDE BLOCKING IN WALL

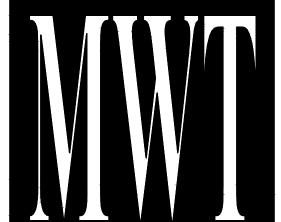
E0 > ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN.
- E2 WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY OF ADJACENT GUESTROOMS, TYPICAL.
- E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.
- E5 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY ACCESSIBLE ROOMS.
- E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF TOILET ROOM AND SHOWER.
- E7 VERIFY THAT SLEEVE EXTENDS 8" TO 14" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR PTAC IS BELOW PTAC.
- E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON
- E43 PROVIDE CONTINUOUS VENTILATION SYSTEM IN
- E110 SWITCH TO CONTROL "GLOBE" SCONCE AT
- E116 ELECTRICAL SHOWN MOUNTED ON WALL SURFACE BEHIND FURNITURE PIECE.

ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE GROUND FAULT
- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT
- TELEPHONE OUTLET
- TV OUTLET JUNCTION BOX

RACEWAY & WIRING



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

RE-ISSUED FOR PERMIT

ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

REV. DETAILS ON A700.2 06/04/18 AVI

08/04/17

10/02/17

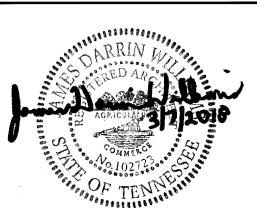
03/07/18 A

11/28/17 M

06/04/18 AV

ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES**

ca@mwtusa.com / 1800.717.5816



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

ENLARGED RM#11 KING PLANS & DETAILS SHEET A461

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PROCESSES, WAS ARRESTED ON THE DEAD OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED ON THE DEAD OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, WAS ARRESTED OTHER STEPS, WAS ARRES AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.



- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYP AND COVER.

GENERAL NOTES

- 1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
- 2. ELECTRICAL OUTLETS SHOWN ON ELEC/ PLUMBING/ MECH PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
- 3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
- 4. ALL ELECTRICAL DIMENSIONS ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.
- 5. G.C. TO PROVIDE BLOCKING AND / OR STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED TO CEILING ARCHITECT OF RECORD TO REVIEW.
- 6. ALL GUEST FACING WALLS SHALL BE LEVEL 5, EGGSHELL FINISH
- 7. ROLLER SHADE SHALL INCLUDE 'BINARY TWEED' GRAPHIC PRINT, CONTACT VQC VENDOR FOR
- GRAPHICS 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL
- BE INTENTIONALLY EXPOSED APPROXIMATELY 3". 9. WARDROBE & SCREEN WALL BASE PLATE SHALL BE MOUNTED PRIOR TO LVT, DRILLING THROUGH LVT

CRITERIA NOTES

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A0 > ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL
- A100 FFE SCREEN TO BE SECURED TO FLOOR AND STRUCTURE ABOVE
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ACCESSIBLE ROOMS.

E0 > ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN.
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ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE GROUND FAULT
- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT
- TELEPHONE OUTLET TV OUTLET
- JUNCTION BOX

RACEWAY & WIRING

ALOFT MEMPHIS DOWNTOWN

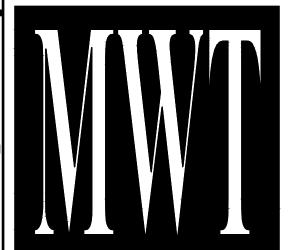
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

> **ENLARGED** RM#12 KING PLANS & DETAILS

SHEET A462



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

ISSUED TO FRANCHISE 08/17/17 |

REV. DETAILS ON A700.2 06/04/18 AVI

08/04/17

10/02/17

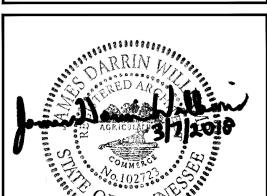
03/07/18 A

11/28/17 M

06/04/18 AV

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- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYP AND COVER.

GENERAL NOTES

- 1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
- 2. ELECTRICAL OUTLETS SHOWN ON ELEC/ PLUMBING/ MECH PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
- 3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
- 4. ALL ELECTRICAL DIMENSIONS ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.
- 5. G.C. TO PROVIDE BLOCKING AND / OR STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED
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- 7. ROLLER SHADE SHALL INCLUDE 'BINARY TWEED' GRAPHIC PRINT, CONTACT VQC VENDOR FOR
- 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL
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CRITERIA NOTES

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A0 > ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL
- A100 FFE SCREEN TO BE SECURED TO FLOOR AND STRUCTURE ABOVE
- A101 PROVIDE BLOCKING IN WALL

EO ENGINEERING

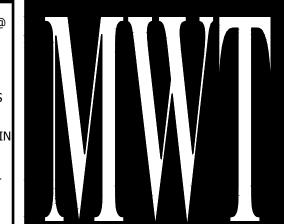
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- E5 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY
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- E110 SWITCH TO CONTROL "GLOBE" SCONCE AT
- E116 ELECTRICAL SHOWN MOUNTED ON WALL SURFACE BEHIND FURNITURE PIECE.

ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE GROUND FAULT
- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT TELEPHONE OUTLET
- TV OUTLET

RACEWAY & WIRING

JUNCTION BOX



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

RE-ISSUED FOR PERMIT

ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

10/02/17

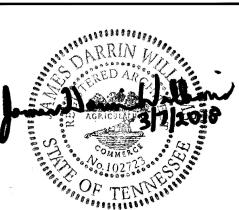
03/07/18 A

06/04/18 AV

11/28/17 M

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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

> **ENLARGED** RM#13 KING PLANS & DETAILS



- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYP AND COVER.

GENERAL NOTES

- 1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
- 2. ELECTRICAL OUTLETS SHOWN ON ELEC/ PLUMBING/ MECH PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
- 3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
- 4. ALL ELECTRICAL DIMENSIONS ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.
- 5. G.C. TO PROVIDE BLOCKING AND / OR STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED TO CEILING ARCHITECT OF RECORD TO REVIEW.
- 6. ALL GUEST FACING WALLS SHALL BE LEVEL 5, EGGSHELL FINISH
- 7. ROLLER SHADE SHALL INCLUDE 'BINARY TWEED' GRAPHIC PRINT, CONTACT VQC VENDOR FOR
- 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL
- BE INTENTIONALLY EXPOSED APPROXIMATELY 3". . WARDROBE & SCREEN WALL BASE PLATE SHALL BE MOUNTED PRIOR TO LVT, DRILLING THROUGH LVT

CRITERIA NOTES

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A0 > ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL
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- A101 PROVIDE BLOCKING IN WALL

E0 > ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN.
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- E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS
- VENTING IS USED, INSTALL LIGHT ONLY, R77. E5 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY
- ACCESSIBLE ROOMS. E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL
- ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF TOILET ROOM AND SHOWER.
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- E116 ELECTRICAL SHOWN MOUNTED ON WALL SURFACE BEHIND FURNITURE PIECE.

ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE
- GROUND FAULT INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT
- TELEPHONE OUTLET TV OUTLET

RACEWAY & WIRING

JUNCTION BOX

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

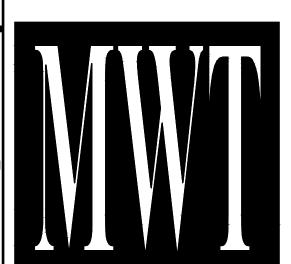
PROJECT NO.: 16 006

DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

> **ENLARGED** RM#14 KING PLANS & DETAILS

SHEET A464



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

10/02/17

03/07/18 A

11/28/17 M

06/04/18 AV

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GENERAL NOTES

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- 2. ELECTRICAL OUTLETS SHOWN ON ELEC/ PLUMBING/ MECH PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
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- 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL
- 9. WARDROBE & SCREEN WALL BASE PLATE SHALL BE

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ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
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- LIGHT SWITCH DUPLEX RECEPTACLE
- GROUND FAULT INTERRUPTER, DUPLEX
- RECEPTACLE

AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR

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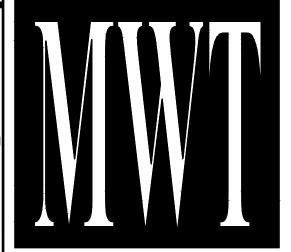
- TELEPHONE OUTLET
- TV OUTLET JUNCTION BOX

MEMPHIS, TENNESSEE 38103

DRAWN BY: EF/RW CHKD. BY: MWT

> RM#17 KING PLANS & DETAILS

SHEET A467



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

RE-ISSUED FOR PERMIT

ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) |07/21/17

REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

10/02/17

03/07/18 A

1/ 28/17 M

06/04/18 AV

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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD.

PROJECT NO.: 16 006 DATE: 04-12-2019

ENLARGED



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ARCHITECTURE

URBAN PLANNING

INTERIORS

1800.630.3750 **CA-SERVICES**

DESCRIPTION

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REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

10/02/17

03/07/18 A

1/ 28/17 M

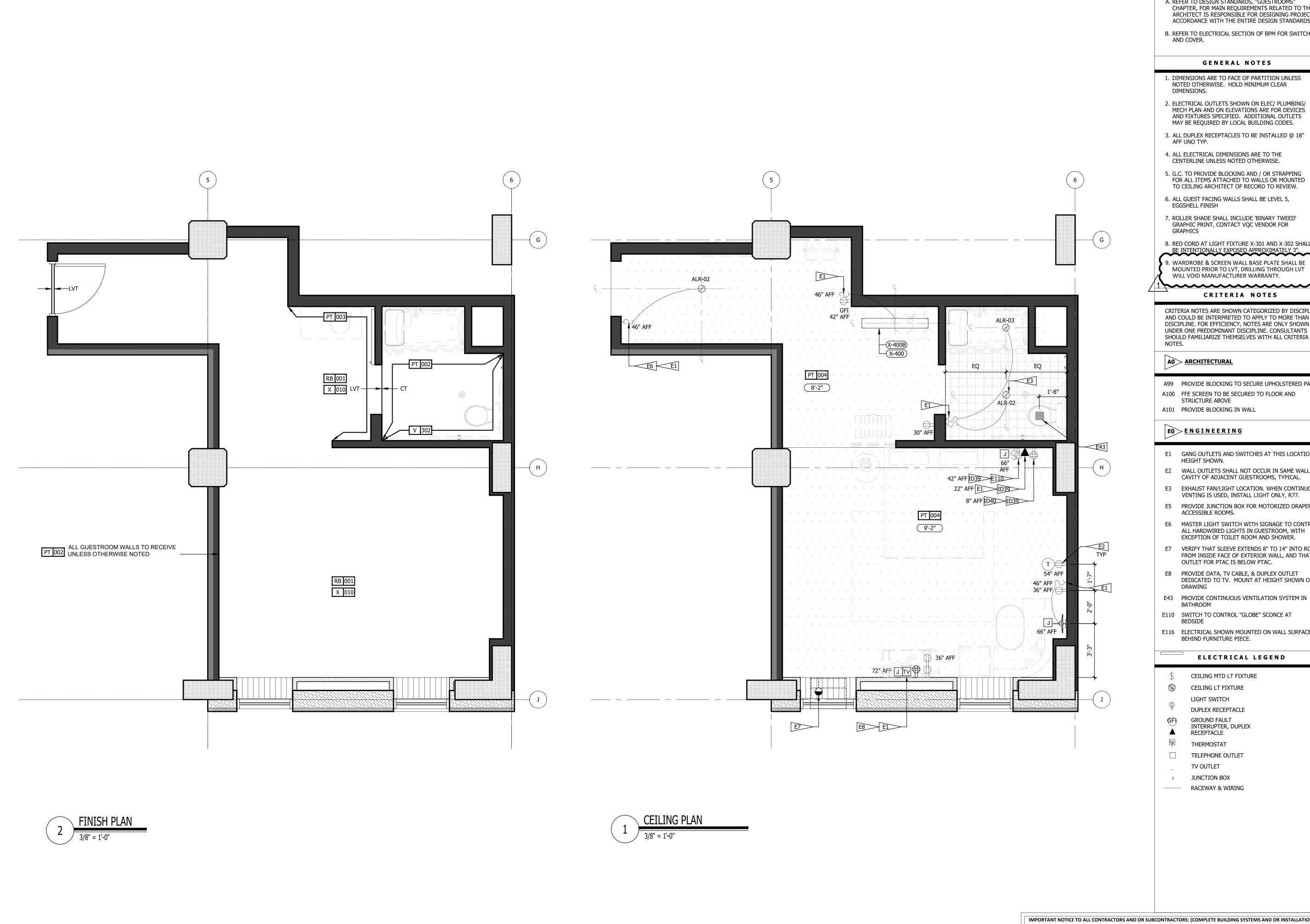
06/04/18 AV

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 04-12-2019 DRAWN BY: EF/RW

> **ENLARGED** RM#18 KING **PLANS & DETAILS**



- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYPI AND COVER.

GENERAL NOTES

- 1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
- 2. ELECTRICAL OUTLETS SHOWN ON ELEC/ PLUMBING/ MECH PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
- 3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
- 4. ALL ELECTRICAL DIMENSIONS ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.
- 5. G.C. TO PROVIDE BLOCKING AND / OR STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED TO CEILING ARCHITECT OF RECORD TO REVIEW.
- 6. ALL GUEST FACING WALLS SHALL BE LEVEL 5, EGGSHELL FINISH
- 7. ROLLER SHADE SHALL INCLUDE 'BINARY TWEED' GRAPHIC PRINT, CONTACT VQC VENDOR FOR
- 8. RED CORD AT LIGHT FIXTURE X-301 AND X-302 SHALL BE INTENTIONALLY EXPOSED APPROXIMATELY 3". 9. WARDROBE & SCREEN WALL BASE PLATE SHALL BE

CRITERIA NOTES

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A0 > ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL.
- A100 FFE SCREEN TO BE SECURED TO FLOOR AND STRUCTURE ABOVE
- A101 PROVIDE BLOCKING IN WALL

ACCESSIBLE ROOMS.

E0 > ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN.
- E2 WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY OF ADJACENT GUESTROOMS, TYPICAL.
- E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.
- E5 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY
- E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN GUESTROOM, WITH
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- DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON
- E43 PROVIDE CONTINUOUS VENTILATION SYSTEM IN
- E110 SWITCH TO CONTROL "GLOBE" SCONCE AT
- E116 ELECTRICAL SHOWN MOUNTED ON WALL SURFACE BEHIND FURNITURE PIECE.

ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE GROUND FAULT

RACEWAY & WIRING

- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT
- TELEPHONE OUTLET
- TV OUTLET
- JUNCTION BOX



1800.630.3750 **CA-SERVICES**

DESCRIPTION

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION 06/09/17

ISSUED TO FRANCHISE 06/09/17 1

SSUED FOR BID (ID ONLY) |07/21/17 |

| ISSUED TO FRANCHISE | O8/17/17 | N

RE-ISSUED FOR PERMIT 03/07/18 AI

REV. DETAILS ON A700.2 06/04/18 AVI

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|| 1/ 28/17 | M

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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

ENLARGED RM#4 KING ADA PLANS & DETAILS

SHEET A454.

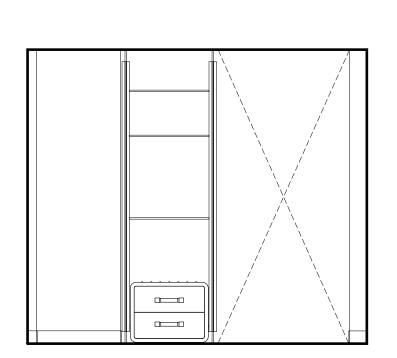
IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS) IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION

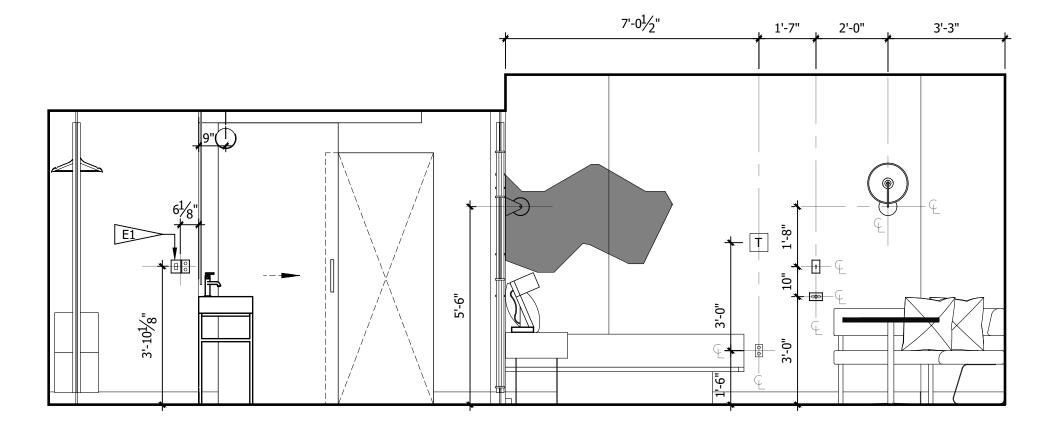
FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT. YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATIC

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSATO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

NOTE: FOR FURNITURE TAGS & FINISHES REFER TO INTERIOR SHEETS.



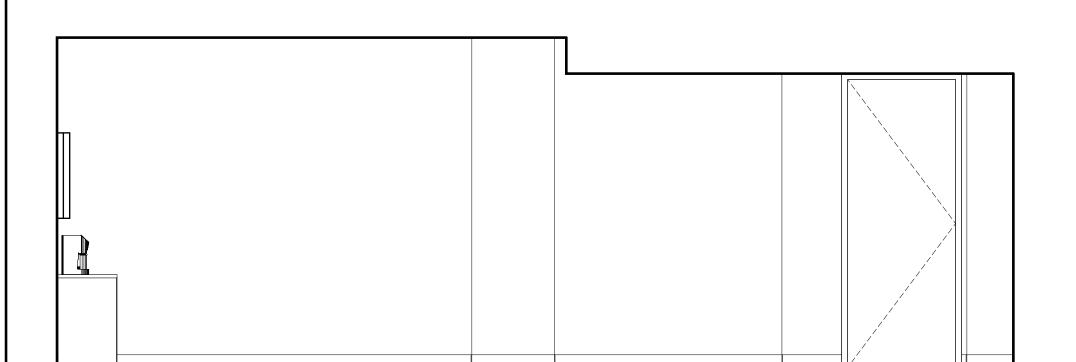


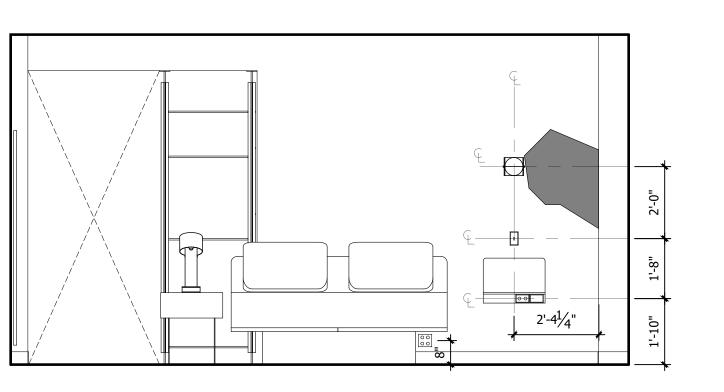


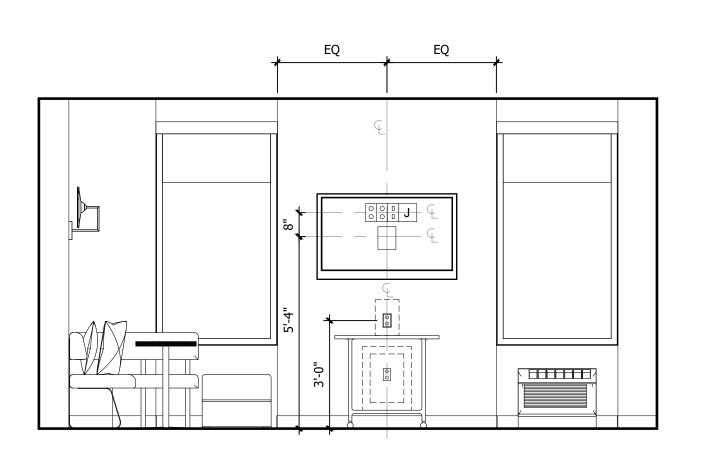


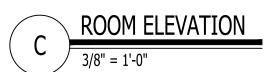


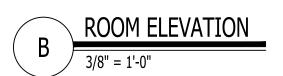














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REFERENCE NOTES

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DESCRIPTION

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED TO FRANCHISE 06/09/17 1

ISSUED FOR BID (ID ONLY) |07/21/17 |

| ISSUED TO FRANCHISE | 08/17/17 | N

REV. DETAILS ON A700.2 06/04/18 AVI

08/04/17

10/02/17

03/07/18 AI

| 1 | 28/17 | M\

06/04/18 AV

GENERAL NOTES

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7. ROLLER SHADE SHALL INCLUDE 'BINARY TWEED' GRAPHIC PRINT, CONTACT VQC VENDOR FOR

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9. WARDROBE & SCREEN WALL BASE PLATE SHALL BE MOUNTED PRIOR TO LVT, DRILLING THROUGH LVT WILL VOID MANUFACTURER WARRANTY.

CRITERIA NOTES

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A0 ARCHITECTURAL

A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL.
A100 FFE SCREEN TO BE SECURED TO FLOOR AND

STRUCTURE ABOVE

A101 PROVIDE BLOCKING IN WALL

EO ENGINEERING

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E5 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY IN ACCESSIBLE ROOMS.

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LIGHT SWITCH

DUPLEX RECEPTACLE

GROUND FAULT

INTERRUPTER, DUPLEX RECEPTACLE

THERMOSTAT
TELEPHONE OUTLET

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ARCHITECTURE

URBAN PLANNING

INTERIORS HOTELS/ HOUSING/ MIXED USE

> 1800.630.3750 CA-SERVICES

ca@mwtusa.com / 1800.717.5816

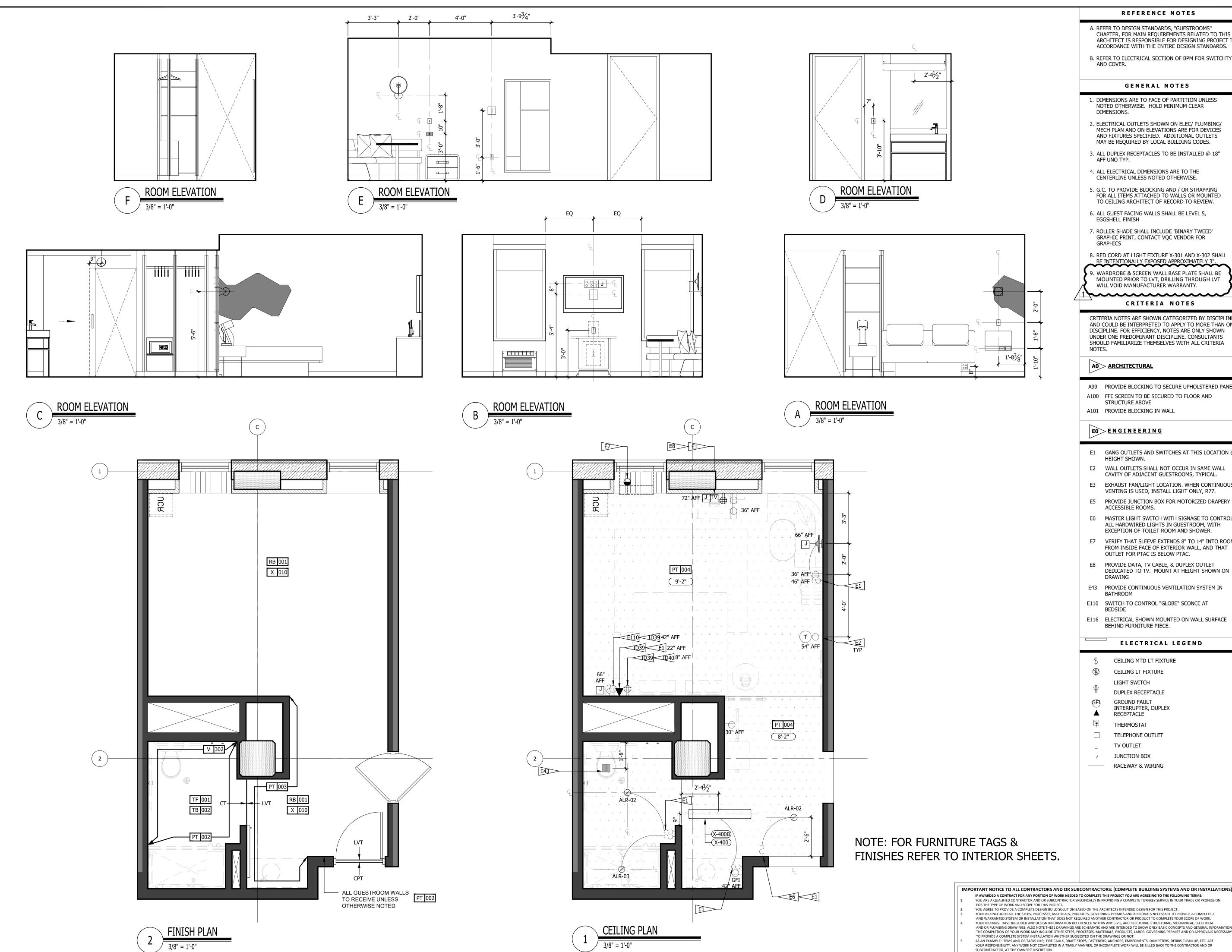
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 04-12-2019
DRAWN BY: EF/RW
CHKD. BY: MWT

ENLARGED RM#4 KING ADA PLANS & DETAILS

SHEET A454.2



- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
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ELECTRICAL LEGEND

- CEILING MTD LT FIXTURE
- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE
- GROUND FAULT INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT TELEPHONE OUTLET
- TV OUTLET JUNCTION BOX
- ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

ENLARGED RM#8 KING ADA (R) PLANS & DETAILS

SHEET A458



DESCRIPTION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

REV. DETAILS ON A700.2 | 06/04/18 AVI

08/04/17

10/02/17

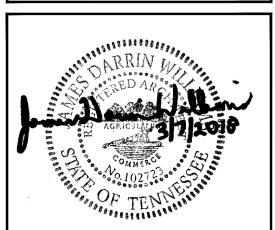
03/07/18 A

1/ 28/17 M

06/04/18 AV

ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES**

ca@mwtusa.com / 1800.717.5816



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CEILING LT FIXTURE

LIGHT SWITCH DUPLEX RECEPTACLE

GROUND FAULT

INTERRUPTER, DUPLEX RECEPTACLE

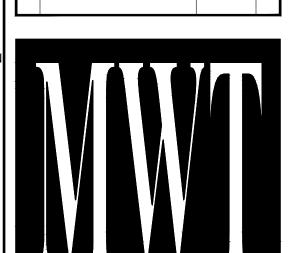
THERMOSTAT

TELEPHONE OUTLET TV OUTLET

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JUNCTION BOX

RACEWAY & WIRING



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ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION 06/09/17

ISSUED TO FRANCHISE 06/09/17

ISSUED FOR BID (ID ONLY) |07/21/17 |

ISSUED TO FRANCHISE | 08/17/17 | N

RE-ISSUED FOR PERMIT 03/07/18 A

REV. DETAILS ON A700.2 06/04/18 AVI

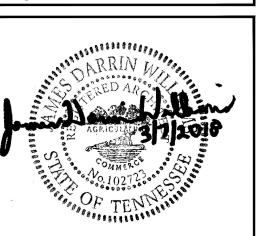
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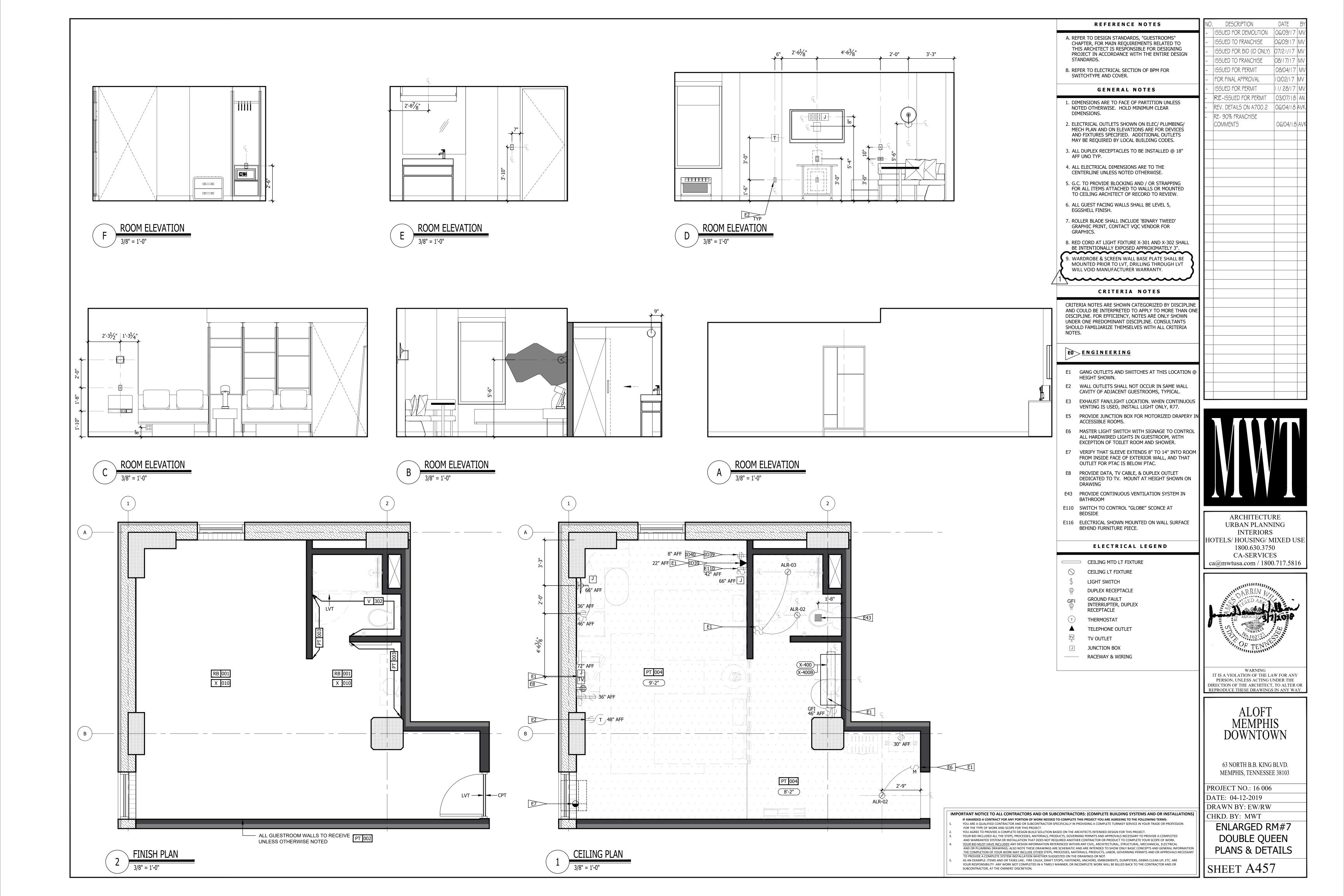
ALOFT MEMPHIS DOWNTOWN

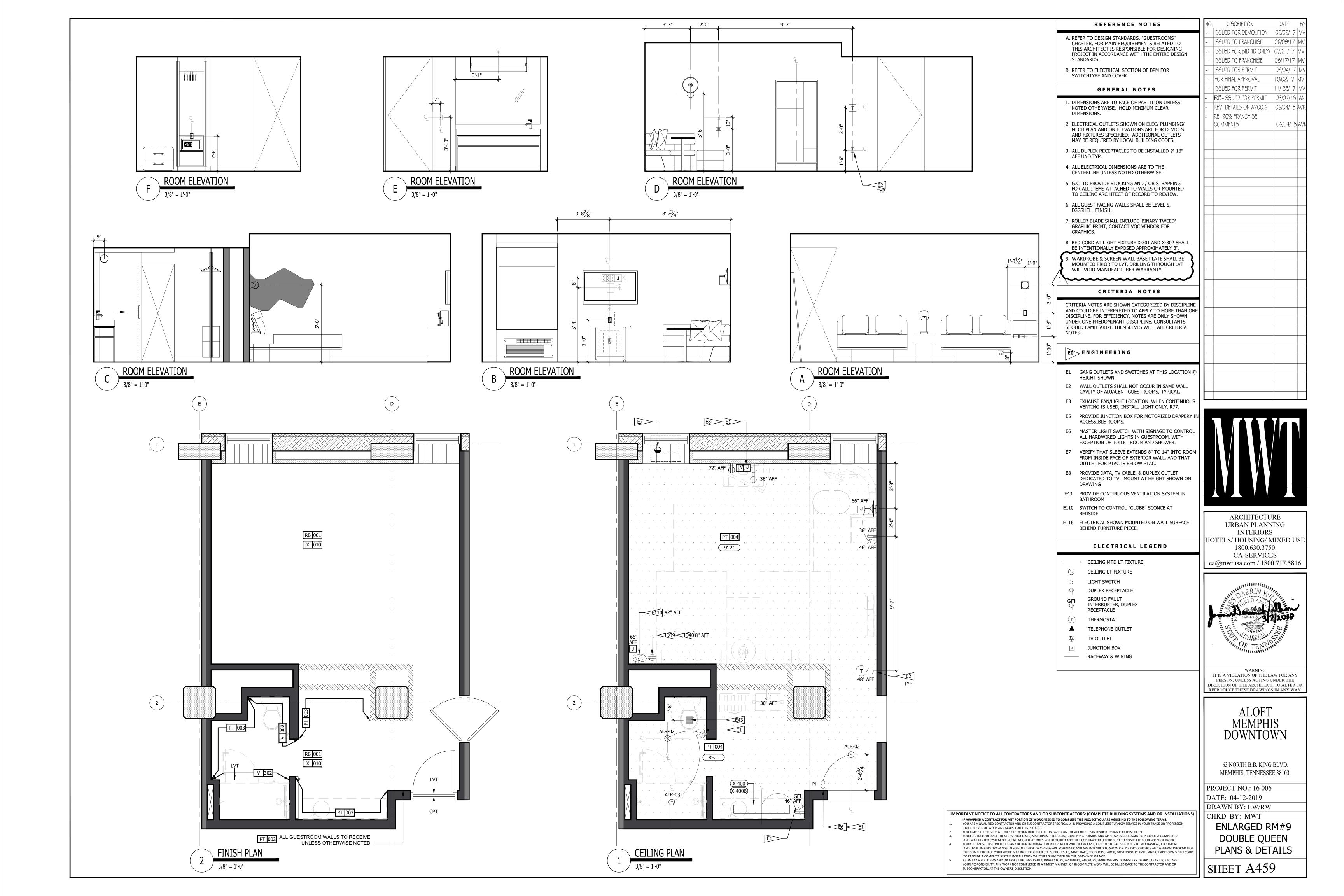
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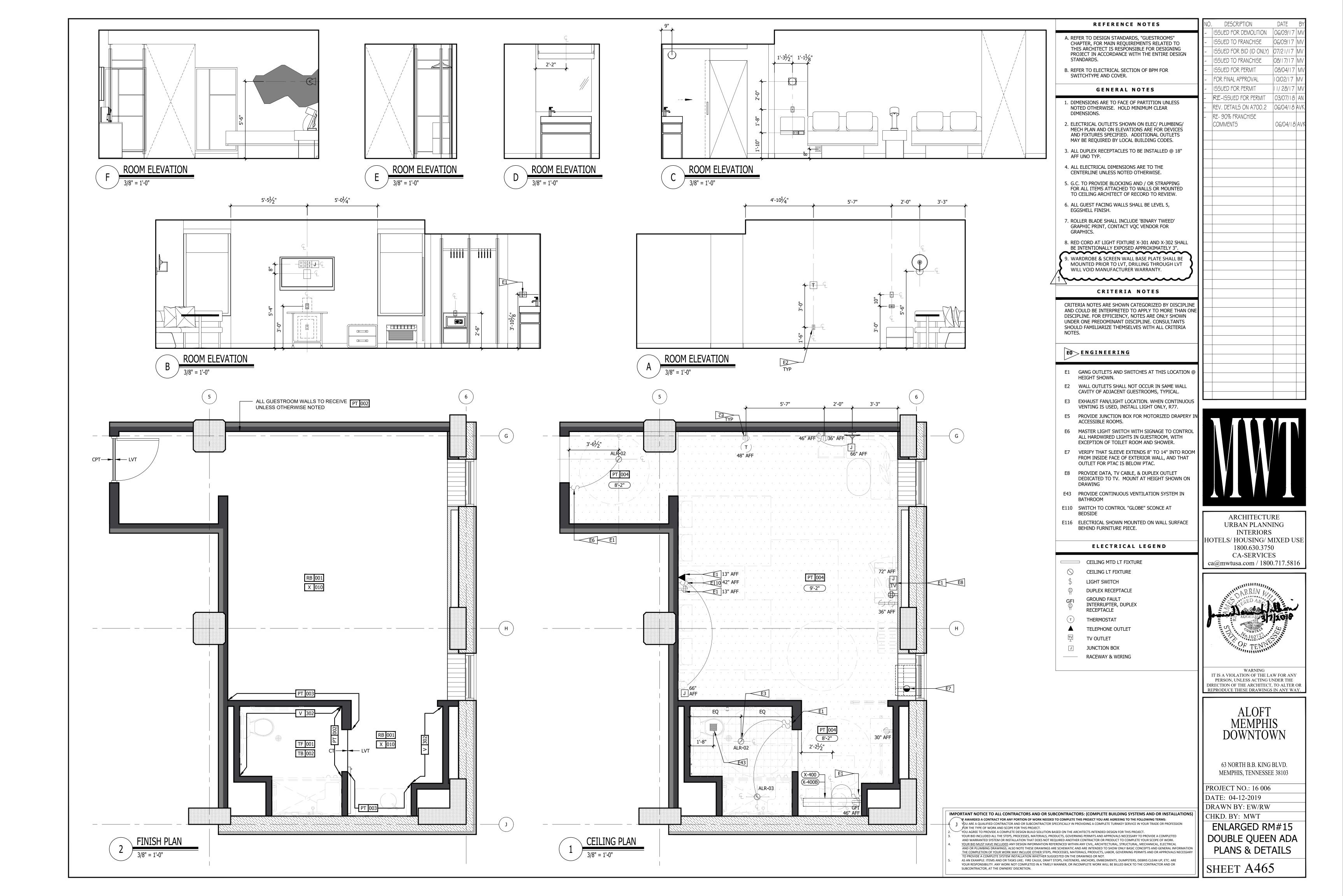
PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EW/RW CHKD. BY: MWT

> ENLARGED RM#5 DOUBLE QUEEN PLANS & DETAILS









ISSUED FOR DEMOLITION 06/09/17 ISSUED TO FRANCHISE 06/09/17 ISSUED FOR BID (ID ONLY) 07/21/17 ISSUED TO FRANCHISE

DESCRIPTION

ISSUED FOR PERMIT 08/04/17 10/02/17 FOR FINAL APPROVAL 11/28/17 M

ISSUED FOR PERMIT RE-ISSUED FOR PERMIT

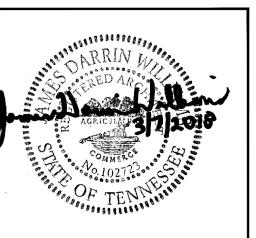
REV. DETAILS ON A700.2 | 06/04/18 AVI RE- 90% FRANCHISE COMMENTS

06/04/18 AV

03/07/18 A



INTERIORS HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



WARNING IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER OF REPRODUCE THESE DRAWINGS IN ANY WAY.

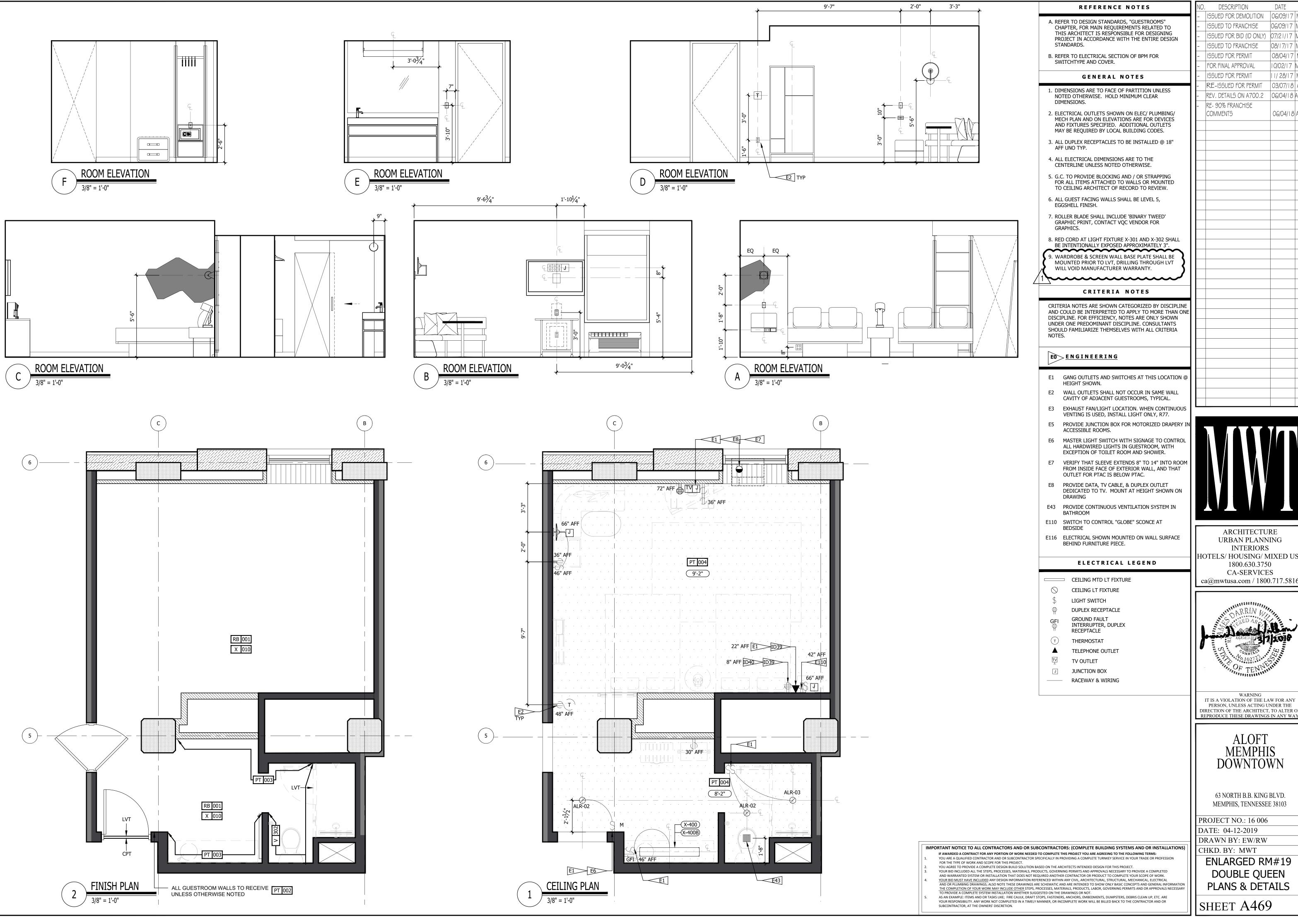
ALOFT MEMPHIS DOWNTOWN

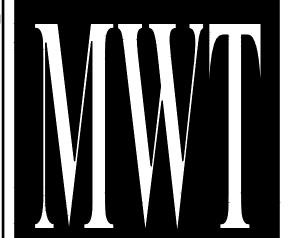
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EW/RW CHKD. BY: MWT

> ENLARGED RM#16 DOUBLE QUEEN PLANS & DETAILS





DESCRIPTION

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED TO FRANCHISE 06/09/17

ISSUED FOR BID (ID ONLY) 07/21/17

REV. DETAILS ON A700.2 06/04/18 AVI

08/04/17

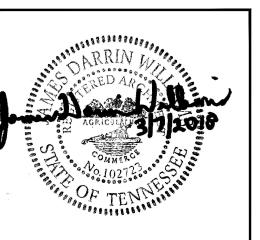
10/02/17

03/07/18 A

11/28/17 M

06/04/18 AV

ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES**



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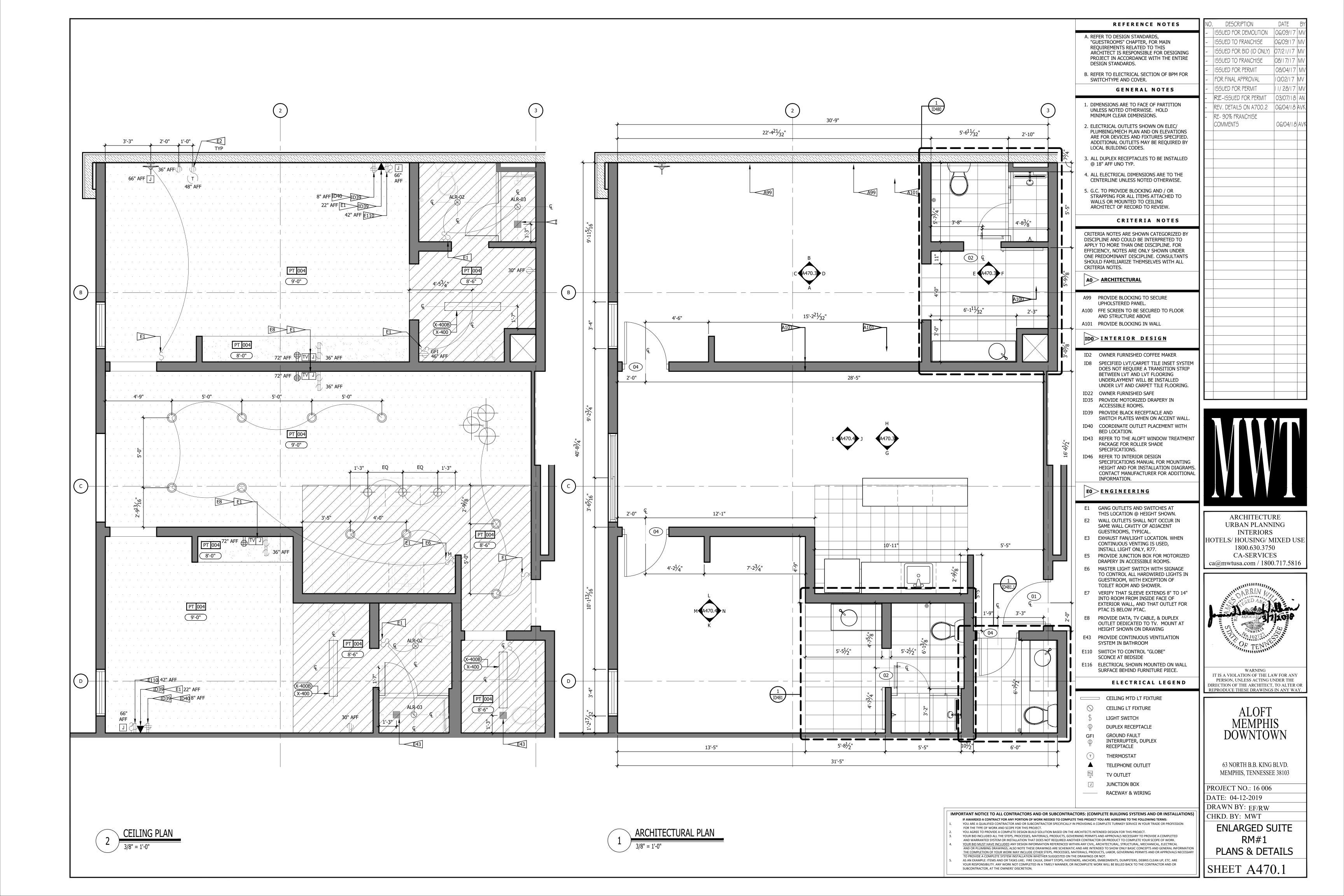
ALOFT MEMPHIS DOWNTOWN

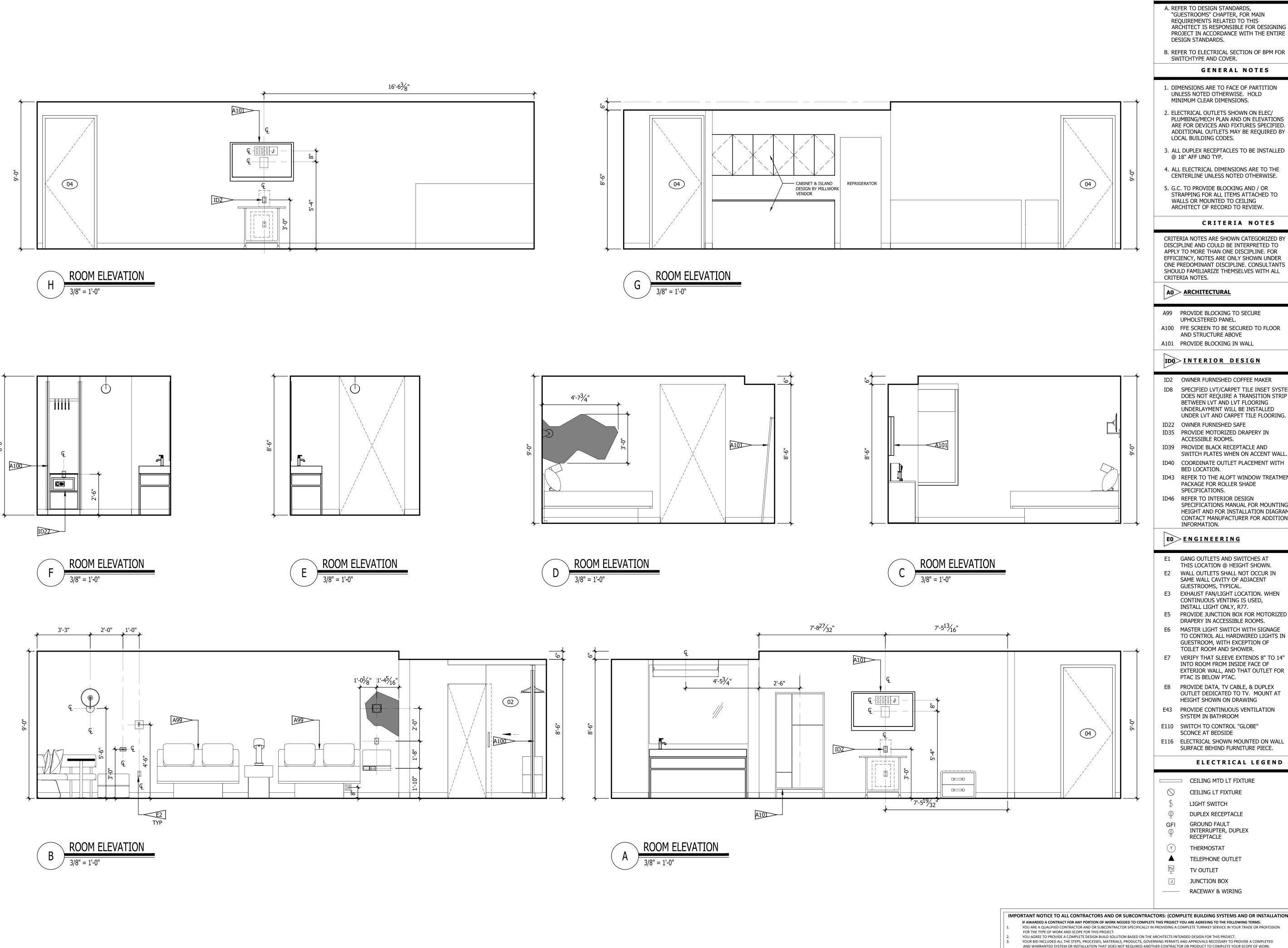
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EW/RW CHKD. BY: MWT

> ENLARGED RM#19 DOUBLE QUEEN PLANS & DETAILS





- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYPE AND COVER.

GENERAL NOTES

- 1. DIMENSIONS ARE TO FACE OF PARTITION UNLESS NOTED OTHERWISE. HOLD MINIMUM CLEAR DIMENSIONS.
- 2. ELECTRICAL OUTLETS SHOWN ON ELEC/ PLUMBING/MECH PLAN AND ON ELEVATIONS ARE FOR DEVICES AND FIXTURES SPECIFIED. ADDITIONAL OUTLETS MAY BE REQUIRED BY LOCAL BUILDING CODES.
- 3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
- 4. ALL ELECTRICAL DIMENSIONS ARE TO THE
- 5. G.C. TO PROVIDE BLOCKING AND / OR
- STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED TO CEILING ARCHITECT OF RECORD TO REVIEW.

CRITERIA NOTES

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AO ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL. A100 FFE SCREEN TO BE SECURED TO FLOOR AND STRUCTURE ABOVE
- A101 PROVIDE BLOCKING IN WALL

IDO INTERIOR DESIGN

- ID2 OWNER FURNISHED COFFEE MAKER ID8 SPECIFIED LVT/CARPET TILE INSET SYSTEM DOES NOT REQUIRE A TRANSITION STRIP BETWEEN LVT AND LVT FLOORING UNDERLAYMENT WILL BE INSTALLED
- ID22 OWNER FURNISHED SAFE ID35 PROVIDE MOTORIZED DRAPERY IN
- ACCESSIBLE ROOMS.
- ID39 PROVIDE BLACK RECEPTACLE AND SWITCH PLATES WHEN ON ACCENT WALL.
- ID40 COORDINATE OUTLET PLACEMENT WITH BED LOCATION.
- ID43 REFER TO THE ALOFT WINDOW TREATMENT PACKAGE FOR ROLLER SHADE
- SPECIFICATIONS. ID46 REFER TO INTERIOR DESIGN SPECIFICATIONS MANUAL FOR MOUNTING HEIGHT AND FOR INSTALLATION DIAGRAMS CONTACT MANUFACTURER FOR ADDITIONAL

EO ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN. E2 WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY OF ADJACENT
- E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.
- E5 PROVIDE JUNCTION BOX FOR MOTORIZED
- DRAPERY IN ACCESSIBLE ROOMS. E6 MASTER LIGHT SWITCH WITH SIGNAGE
- TOILET ROOM AND SHOWER. E7 VERIFY THAT SLEEVE EXTENDS 8" TO 14" INTO ROOM FROM INSIDE FACE OF
- EXTERIOR WALL, AND THAT OUTLET FOR PTAC IS BELOW PTAC. E8 PROVIDE DATA, TV CABLE, & DUPLEX
- OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON DRAWING
- E43 PROVIDE CONTINUOUS VENTILATION SYSTEM IN BATHROOM
- E110 SWITCH TO CONTROL "GLOBE"
- SCONCE AT BEDSIDE E116 ELECTRICAL SHOWN MOUNTED ON WALL

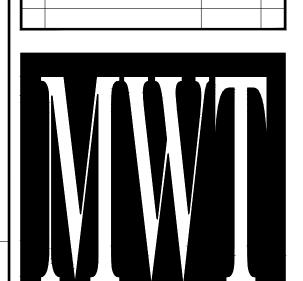
ELECTRICAL LEGEND

CEILING MTD LT FIXTURE

- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE
- **GROUND FAULT** INTERRUPTER, DUPLEX
- THERMOSTAT
- TELEPHONE OUTLET
- TV OUTLET
- JUNCTION BOX
- ----- RACEWAY & WIRING

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- YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
 YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED
- AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY
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- AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.



DESCRIPTION

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FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION | 06/09/17

ISSUED TO FRANCHISE 06/09/17 1

ISSUED FOR BID (ID ONLY) 07/21/17

ISSUED TO FRANCHISE 08/17/17 N

RE-ISSUED FOR PERMIT 03/07/18 A

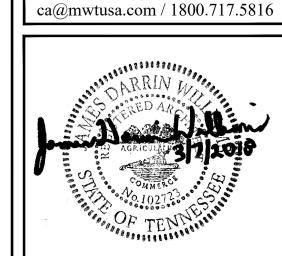
REV. DETAILS ON A700.2 06/04/18 AVI

08/04/17

II 1/ 28/17 M

06/04/18 AV

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ALOFT MEMPHIS DOWNTOWN

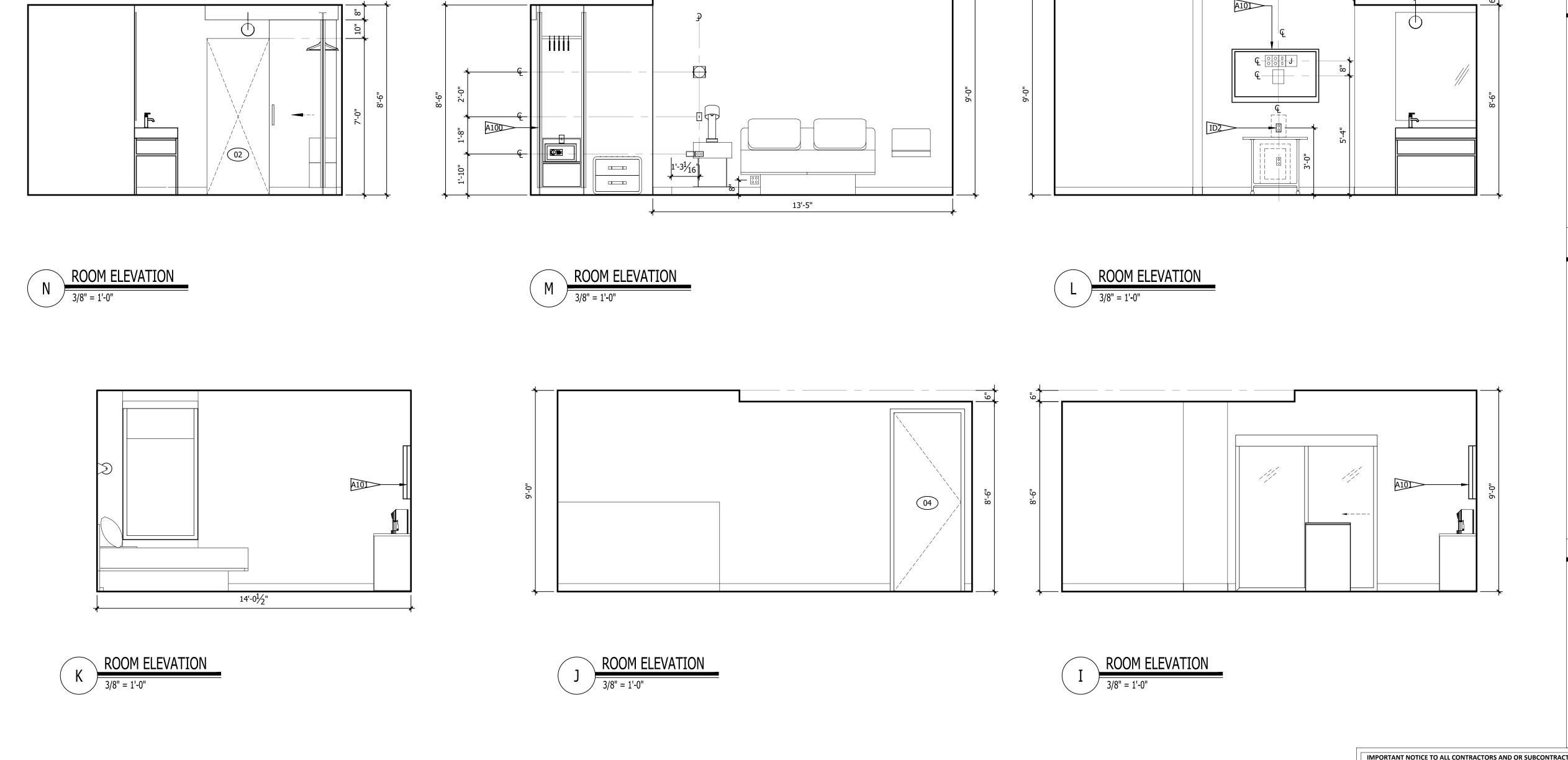
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: EF/RW CHKD. BY: MWT

ENLARGED SUITE RM#1 ELEVATIONS & DETAILS

SHEET A470.3



- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
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- 4. ALL ELECTRICAL DIMENSIONS ARE TO THE CENTERLINE UNLESS NOTED OTHERWISE.
- 5. G.C. TO PROVIDE BLOCKING AND / OR STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED TO CEILING ARCHITECT OF RECORD TO REVIEW.

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AO ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL.
- A100 FFE SCREEN TO BE SECURED TO FLOOR AND STRUCTURE ABOVE
- A101 PROVIDE BLOCKING IN WALL

IDO INTERIOR DESIGN

- ID2 OWNER FURNISHED COFFEE MAKER ID8 SPECIFIED LVT/CARPET TILE INSET SYSTEM DOES NOT REQUIRE A TRANSITION STRIP BETWEEN LVT AND LVT FLOORING UNDERLAYMENT WILL BE INSTALLED
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- ACCESSIBLE ROOMS.
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- ID43 REFER TO THE ALOFT WINDOW TREATMENT PACKAGE FOR ROLLER SHADE
- SPECIFICATIONS. ID46 REFER TO INTERIOR DESIGN SPECIFICATIONS MANUAL FOR MOUNTING HEIGHT AND FOR INSTALLATION DIAGRAMS

EO ENGINEERING

INFORMATION.

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN. E2 WALL OUTLETS SHALL NOT OCCUR IN
- GUESTROOMS, TYPICAL. E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED,

SAME WALL CAVITY OF ADJACENT

- INSTALL LIGHT ONLY, R77. E5 PROVIDE JUNCTION BOX FOR MOTORIZED
- DRAPERY IN ACCESSIBLE ROOMS. E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF
- E7 VERIFY THAT SLEEVE EXTENDS 8" TO 14" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR PTAC IS BELOW PTAC.

TOILET ROOM AND SHOWER.

- E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON DRAWING
- E43 PROVIDE CONTINUOUS VENTILATION
- SYSTEM IN BATHROOM E110 SWITCH TO CONTROL "GLOBE"
- SCONCE AT BEDSIDE
- E116 ELECTRICAL SHOWN MOUNTED ON WALL SURFACE BEHIND FURNITURE PIECE.

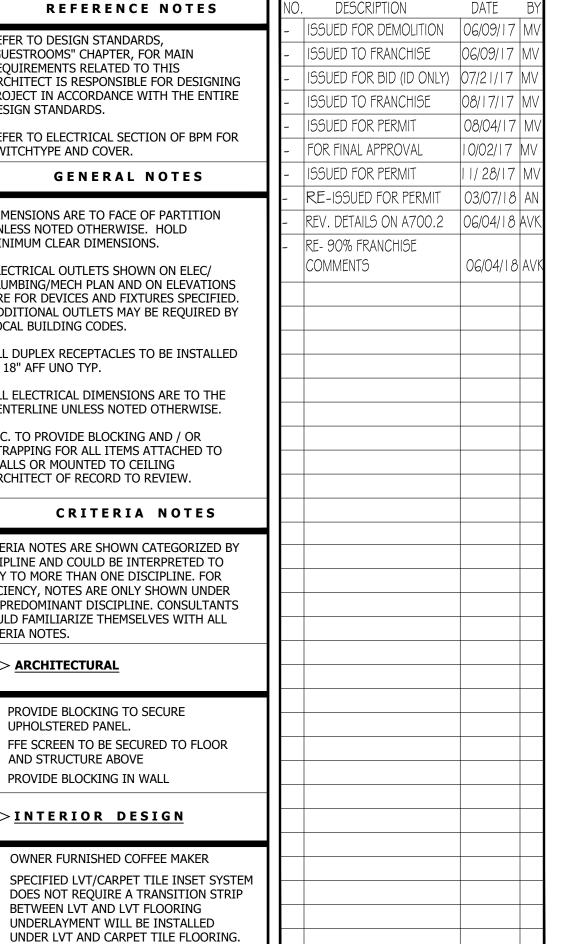
ELECTRICAL LEGEND

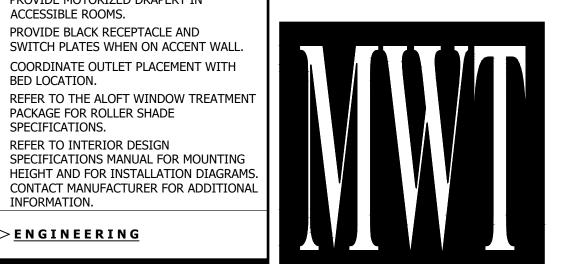
CEILING MTD LT FIXTURE

- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE GFI **GROUND FAULT**
- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT
- TELEPHONE OUTLET TV OUTLET
- JUNCTION BOX
- ----- RACEWAY & WIRING

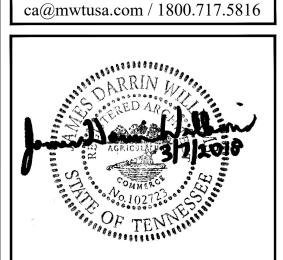
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> ALOFT MEMPHIS DOWNTOWN

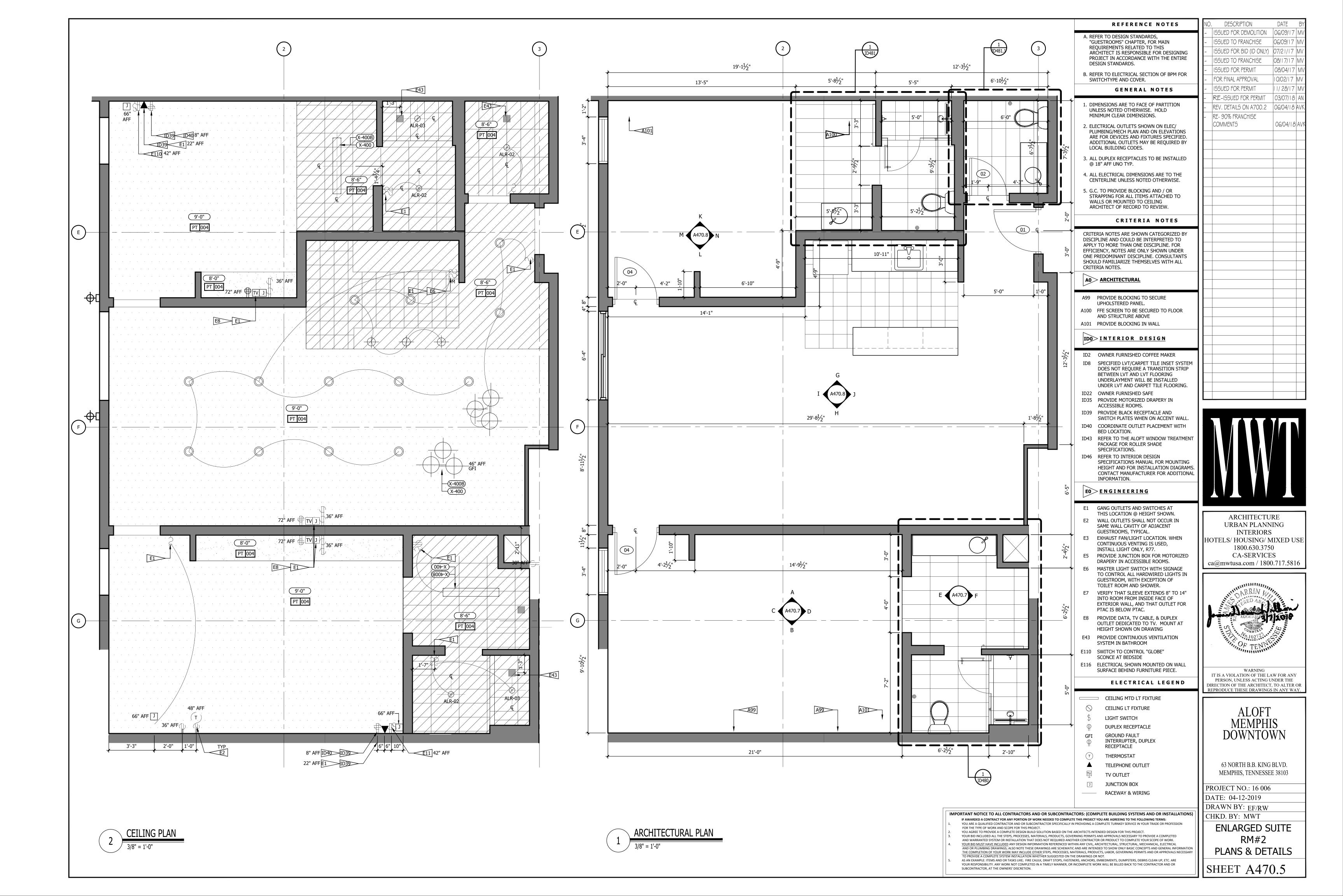
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

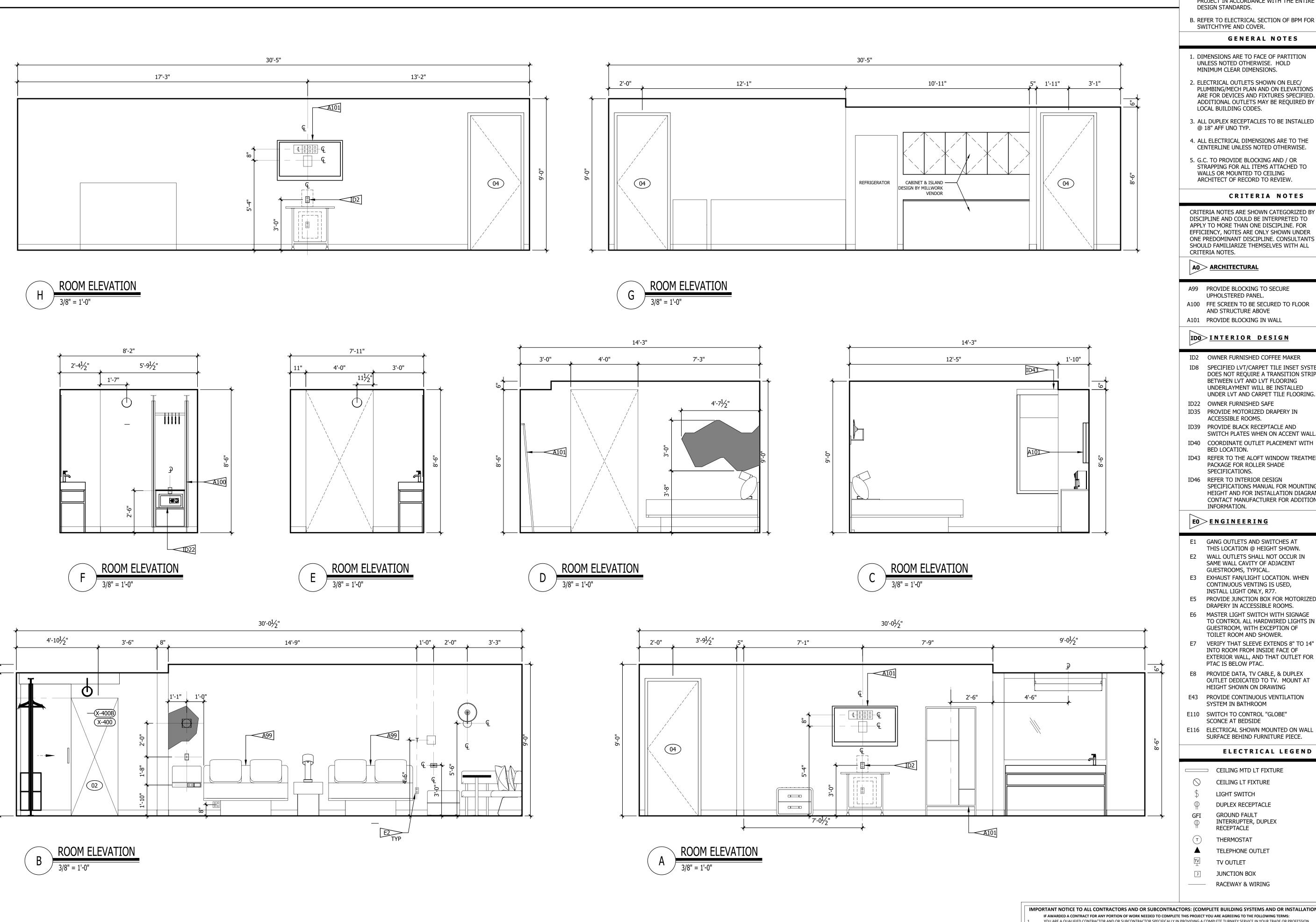
PROJECT NO.: 16 006

DATE: 04-12-2019 DRAWN BY: EF/RW

CHKD. BY: MWT **ENLARGED SUITE** RM#1 ELEVATIONS & DETAILS

SHEET A470.4





REFERENCE NOTES

- A. REFER TO DESIGN STANDARDS, "GUESTROOMS" CHAPTER, FOR MAIN REQUIREMENTS RELATED TO THIS ARCHITECT IS RESPONSIBLE FOR DESIGNING PROJECT IN ACCORDANCE WITH THE ENTIRE DESIGN STANDARDS.
- B. REFER TO ELECTRICAL SECTION OF BPM FOR SWITCHTYPE AND COVER.

GENERAL NOTES

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- 3. ALL DUPLEX RECEPTACLES TO BE INSTALLED @ 18" AFF UNO TYP.
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- 5. G.C. TO PROVIDE BLOCKING AND / OR
- STRAPPING FOR ALL ITEMS ATTACHED TO WALLS OR MOUNTED TO CEILING ARCHITECT OF RECORD TO REVIEW.

CRITERIA NOTES

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A0> ARCHITECTURAL

- A99 PROVIDE BLOCKING TO SECURE UPHOLSTERED PANEL. A100 FFE SCREEN TO BE SECURED TO FLOOR
- AND STRUCTURE ABOVE A101 PROVIDE BLOCKING IN WALL

IDO INTERIOR DESIGN

- ID2 OWNER FURNISHED COFFEE MAKER ID8 SPECIFIED LVT/CARPET TILE INSET SYSTEM DOES NOT REQUIRE A TRANSITION STRIP BETWEEN LVT AND LVT FLOORING UNDERLAYMENT WILL BE INSTALLED
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- ID40 COORDINATE OUTLET PLACEMENT WITH BED LOCATION. ID43 REFER TO THE ALOFT WINDOW TREATMENT
- PACKAGE FOR ROLLER SHADE SPECIFICATIONS. ID46 REFER TO INTERIOR DESIGN
- SPECIFICATIONS MANUAL FOR MOUNTING HEIGHT AND FOR INSTALLATION DIAGRAMS CONTACT MANUFACTURER FOR ADDITIONAL INFORMATION.

EO ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN. E2 WALL OUTLETS SHALL NOT OCCUR IN SAME WALL CAVITY OF ADJACENT
- E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.
- E5 PROVIDE JUNCTION BOX FOR MOTORIZED DRAPERY IN ACCESSIBLE ROOMS.
- E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN GUESTROOM, WITH EXCEPTION OF TOILET ROOM AND SHOWER.
- E7 VERIFY THAT SLEEVE EXTENDS 8" TO 14" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR
- E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT HEIGHT SHOWN ON DRAWING
- E43 PROVIDE CONTINUOUS VENTILATION SYSTEM IN BATHROOM
- E110 SWITCH TO CONTROL "GLOBE" SCONCE AT BEDSIDE
- E116 ELECTRICAL SHOWN MOUNTED ON WALL SURFACE BEHIND FURNITURE PIECE.

ELECTRICAL LEGEND

CEILING MTD LT FIXTURE

- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE GROUND FAULT
- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT
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- JUNCTION BOX

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ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

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ISSUED FOR BID (ID ONLY) |07/21/17 |

ISSUED TO FRANCHISE | 08/17/17 | N

RE-ISSUED FOR PERMIT 03/07/18 A

REV. DETAILS ON A700.2 | 06/04/18 AV

08/04/17

10/02/17

| | 1/ 28/17 | M

06/04/18 AV

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> ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

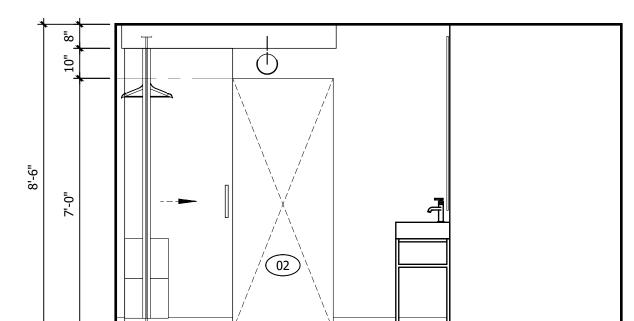
DATE: 04-12-2019 DRAWN BY: EF/RW

CHKD. BY: MWT

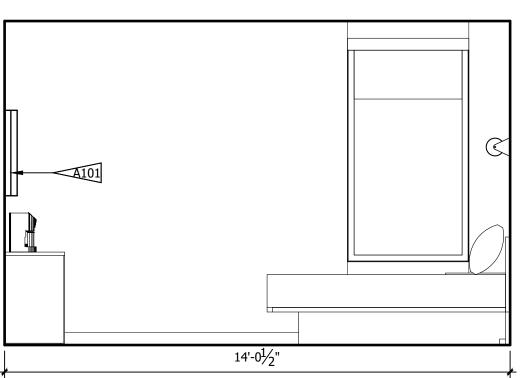
ENLARGED SUITE RM#2 ELEVATIONS & DETAILS

SHEET A470.7









ROOM ELEVATION

REFERENCE NOTES

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- A101 PROVIDE BLOCKING IN WALL

IDO INTERIOR DESIGN

- ID2 OWNER FURNISHED COFFEE MAKER ID8 SPECIFIED LVT/CARPET TILE INSET SYSTEM DOES NOT REQUIRE A TRANSITION STRIP BETWEEN LVT AND LVT FLOORING UNDERLAYMENT WILL BE INSTALLED UNDER LVT AND CARPET TILE FLOORING.
- ID22 OWNER FURNISHED SAFE ID35 PROVIDE MOTORIZED DRAPERY IN
- ACCESSIBLE ROOMS.
- ID39 PROVIDE BLACK RECEPTACLE AND SWITCH PLATES WHEN ON ACCENT WALL.
- ID40 COORDINATE OUTLET PLACEMENT WITH BED LOCATION.
- ID43 REFER TO THE ALOFT WINDOW TREATMENT PACKAGE FOR ROLLER SHADE
- SPECIFICATIONS. ID46 REFER TO INTERIOR DESIGN SPECIFICATIONS MANUAL FOR MOUNTING HEIGHT AND FOR INSTALLATION DIAGRAMS

CONTACT MANUFACTURER FOR ADDITIONAL

INFORMATION. EO ENGINEERING

- E1 GANG OUTLETS AND SWITCHES AT THIS LOCATION @ HEIGHT SHOWN. E2 WALL OUTLETS SHALL NOT OCCUR IN
- GUESTROOMS, TYPICAL. E3 EXHAUST FAN/LIGHT LOCATION. WHEN CONTINUOUS VENTING IS USED, INSTALL LIGHT ONLY, R77.

SAME WALL CAVITY OF ADJACENT

- E5 PROVIDE JUNCTION BOX FOR MOTORIZED
- DRAPERY IN ACCESSIBLE ROOMS. E6 MASTER LIGHT SWITCH WITH SIGNAGE TO CONTROL ALL HARDWIRED LIGHTS IN

GUESTROOM, WITH EXCEPTION OF

- TOILET ROOM AND SHOWER. E7 VERIFY THAT SLEEVE EXTENDS 8" TO 14" INTO ROOM FROM INSIDE FACE OF EXTERIOR WALL, AND THAT OUTLET FOR
- PTAC IS BELOW PTAC. E8 PROVIDE DATA, TV CABLE, & DUPLEX OUTLET DEDICATED TO TV. MOUNT AT
- HEIGHT SHOWN ON DRAWING E43 PROVIDE CONTINUOUS VENTILATION
- SYSTEM IN BATHROOM
- E110 SWITCH TO CONTROL "GLOBE"
- SCONCE AT BEDSIDE E116 ELECTRICAL SHOWN MOUNTED ON WALL

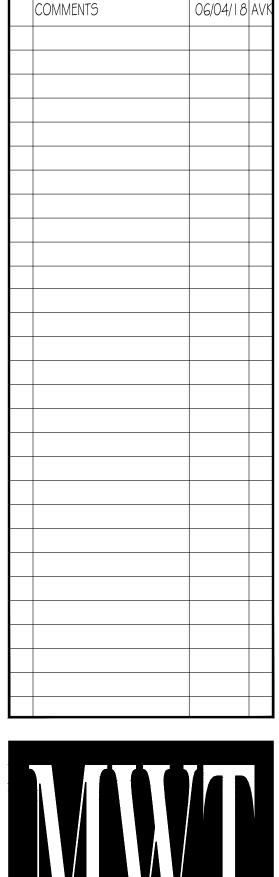
SURFACE BEHIND FURNITURE PIECE. ELECTRICAL LEGEND

CEILING MTD LT FIXTURE

- CEILING LT FIXTURE
- LIGHT SWITCH
- DUPLEX RECEPTACLE **GROUND FAULT** GFI
- INTERRUPTER, DUPLEX RECEPTACLE
- THERMOSTAT
- TELEPHONE OUTLET TV OUTLET
- JUNCTION BOX
- ----- RACEWAY & WIRING

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DESCRIPTION

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

ISSUED TO FRANCHISE 06/09/17 N

ISSUED FOR BID (ID ONLY) 07/21/17 N

ISSUED TO FRANCHISE | 08/17/17 | M'

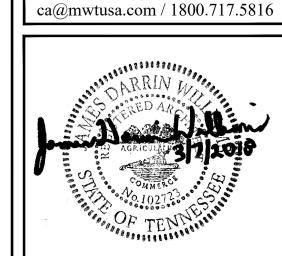
RE-ISSUED FOR PERMIT 03/07/18 A

REV. DETAILS ON A700.2 | 06/04/18 AVI

| 08/04/17 | N

|| |*| || 28*/17 | M\

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IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER OF REPRODUCE THESE DRAWINGS IN ANY WAY

> ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

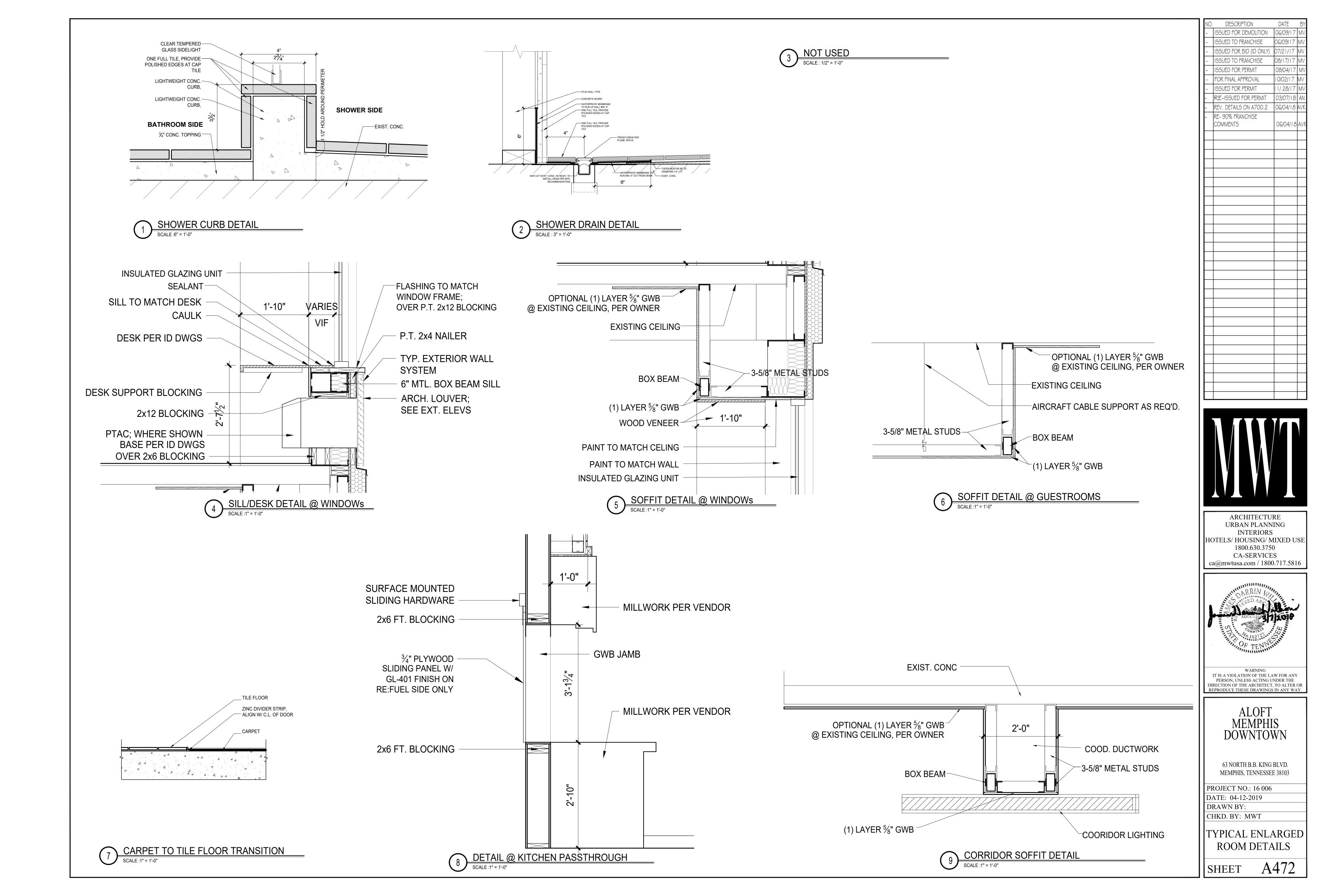
PROJECT NO.: 16 006

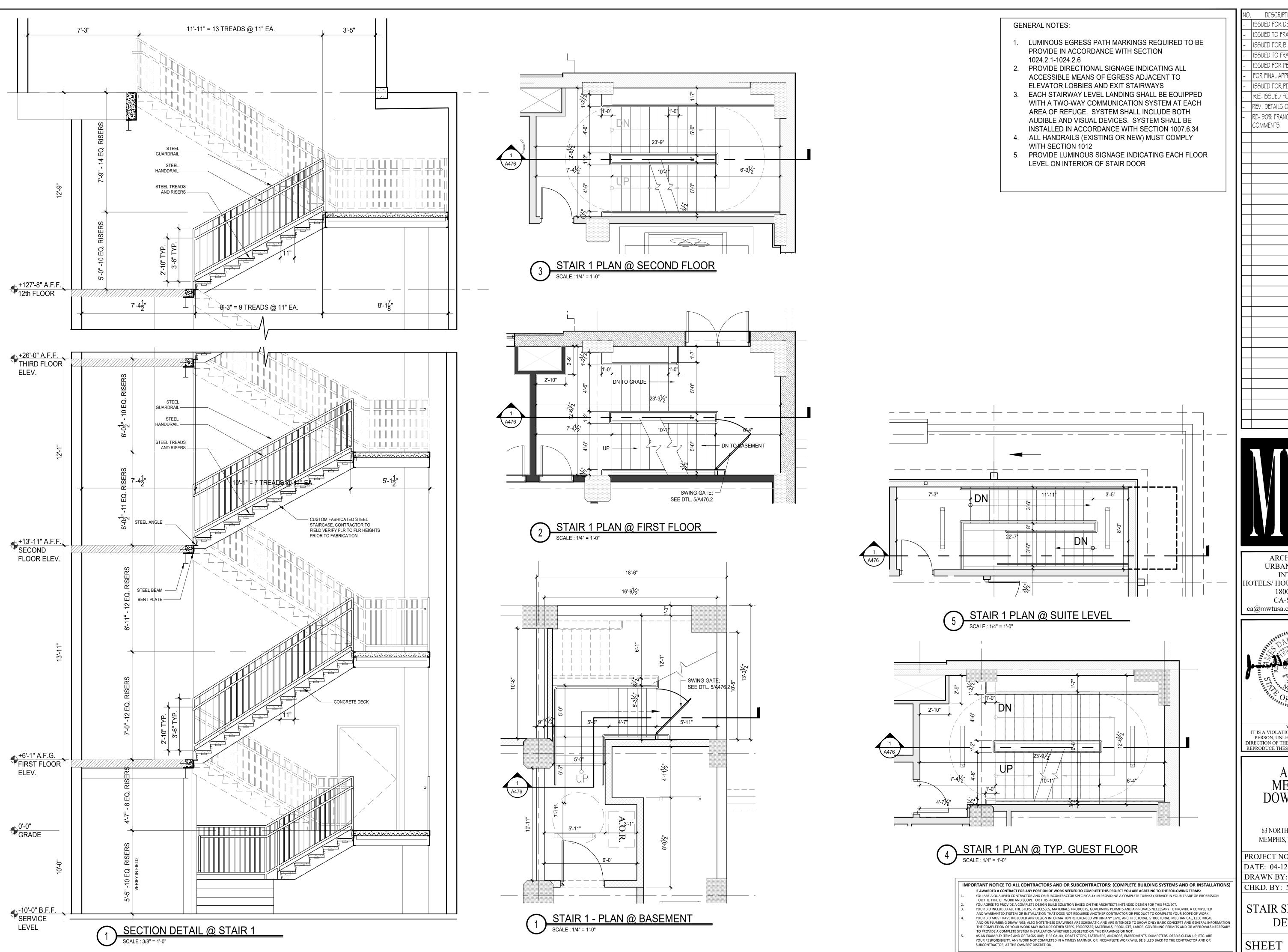
DATE: 04-12-2019 DRAWN BY: EF/RW

CHKD. BY: MWT

ENLARGED SUITE RM#2 ELEVATIONS & DETAILS

SHEET A470.8

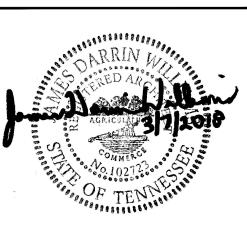




DESCRIPTION ISSUED FOR DEMOLITION ISSUED TO FRANCHISE SSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT RE-ISSUED FOR PERMIT

REV. DETAILS ON A700.2 RE- 90% FRANCHISE COMMENTS

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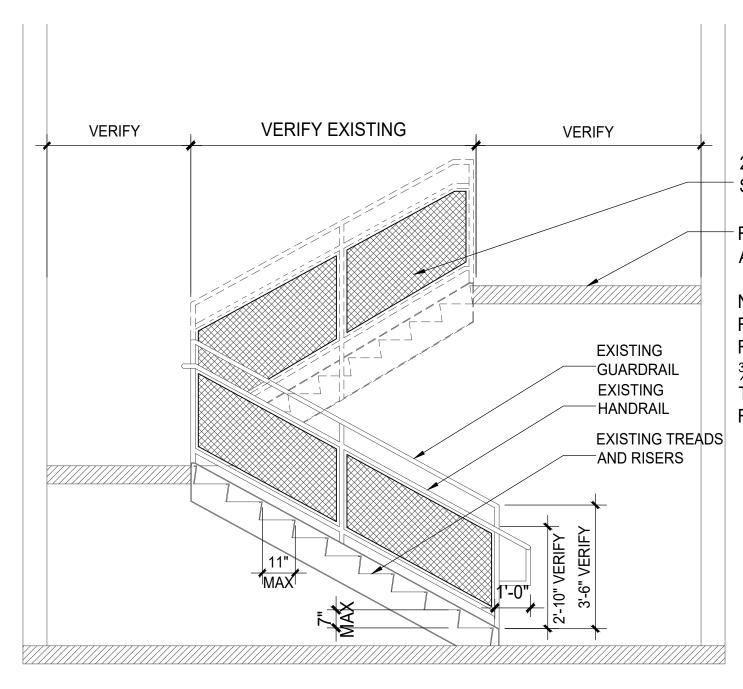
ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

CHKD. BY: MWT

STAIR SECTIONS & **DETAILS**

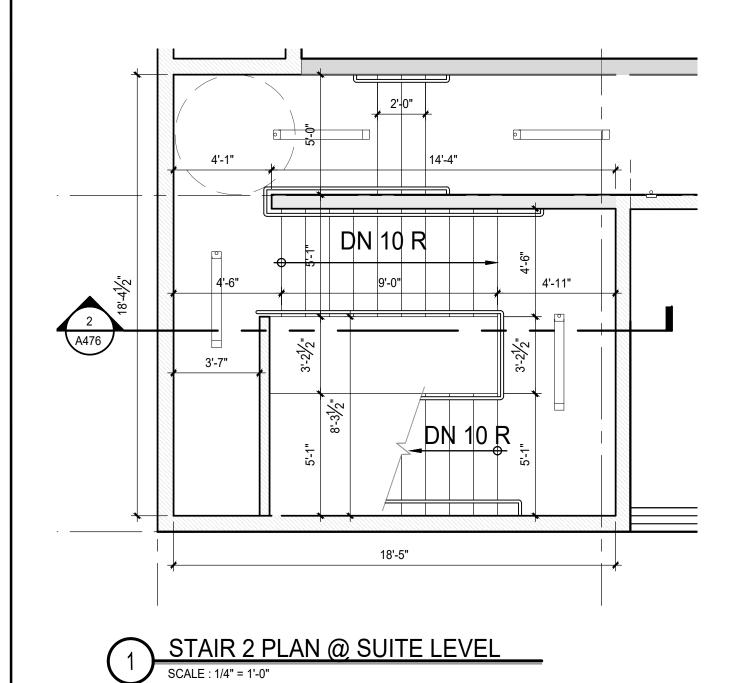


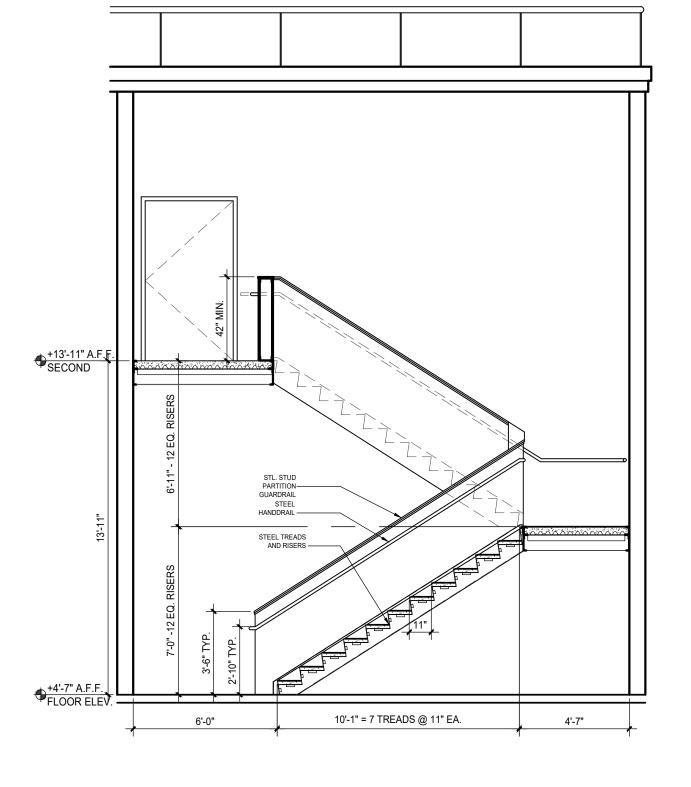
2"X2" WIRE MESH FRAMED IN 2"
- STEEL TUBE

REPAIR EXIST. CONC. AT LANDINGS AND STAIRS AS REQ'D.

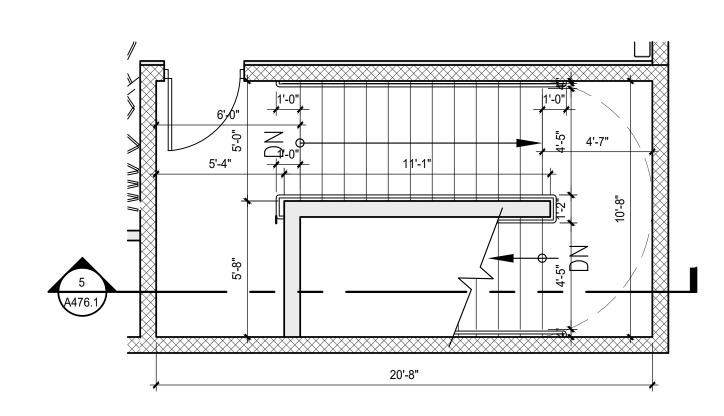
NEW CONC. TOPPING AT EACH FLOOR TO BE GRADUALLY FEATHERED SO AS NOT TO EXCEED 3/4" MAX. RISE BETWEEN NEW TOPPING AND EXIST. STAIR TO REMAIN

STAIR 2 - EXIST. MODIFICATIONS SCALE: 3/8" = 1'-0"

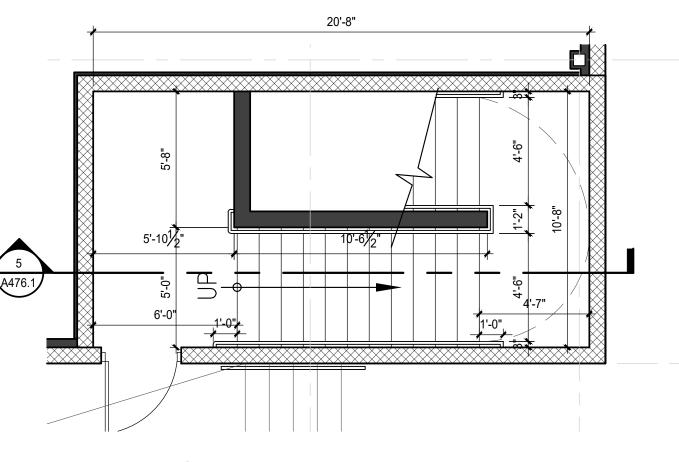




SECTION DETAIL @ STAIR 3 SCALE: 1/4" = 1'-0"

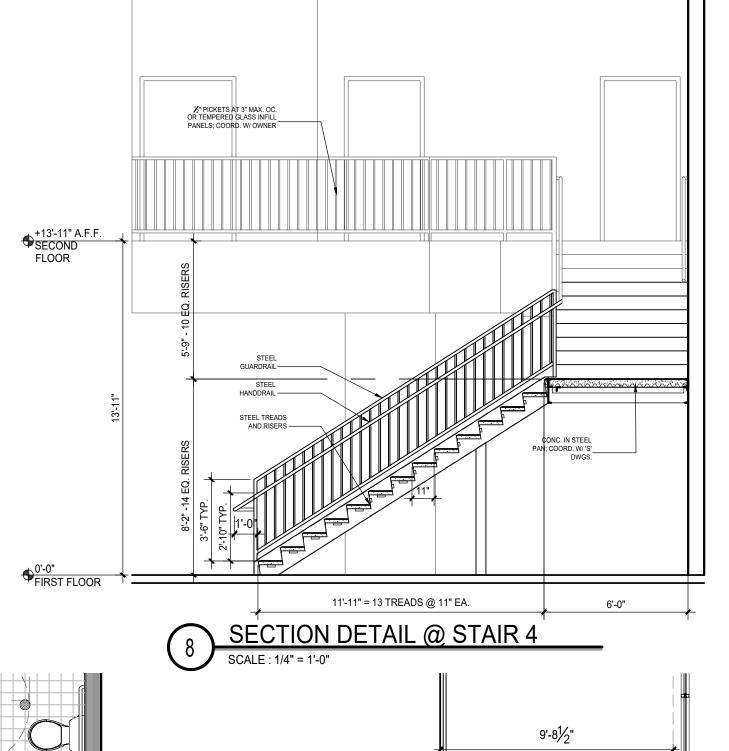


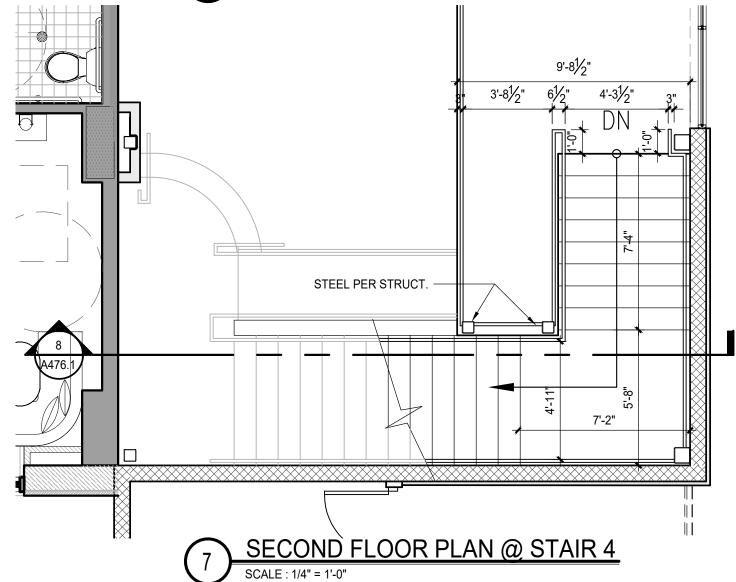
SECOND FLOOR PLAN @ STAIR 3 SCALE: 1/4" = 1'-0"

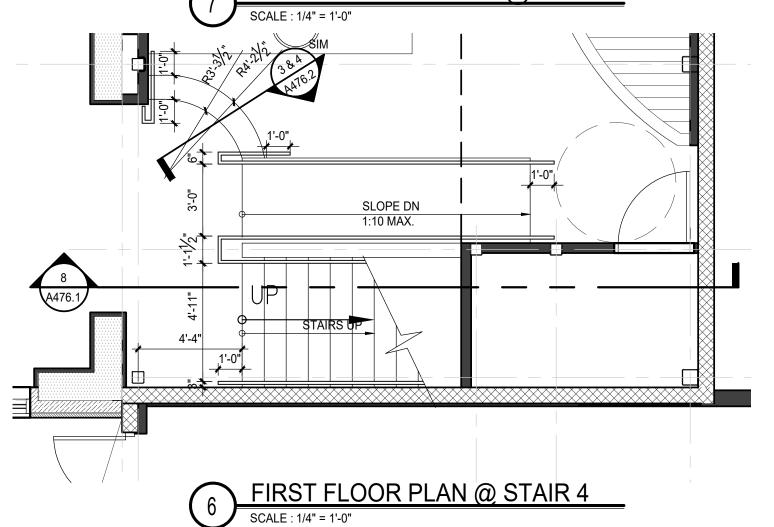


3 FIRST FLOOR PLAN @ STAIR 3

SCALE: 1/4" = 1'-0"







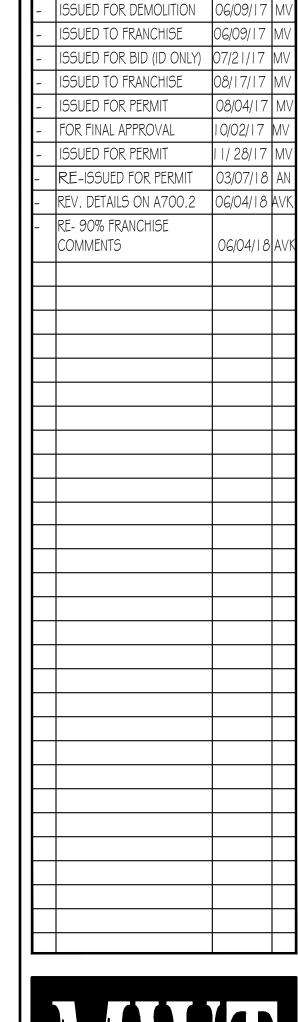
GENERAL NOTES:

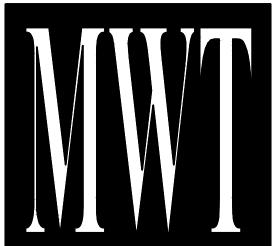
- STEEL STAIR DESIGN BY OTHERS
- 2. PROVIDE CONTINUOUS HAND AND GAURDRAILS AT CENTER OF STAIRS
- 3. ALL HANDRAILS TO EXTEND MIN. 12" BEYOND NOSING OF LAST TREAD AT ALL FLOORS AND LANDINGS
- 4. ALL HANDRAIL EXTENSIONS TO RETURN TO WALL, FLOOR OR SUPPORT POST.

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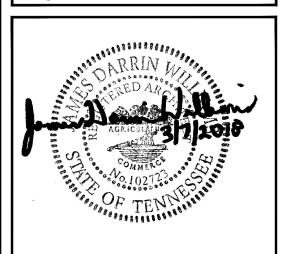
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ALOFT MEMPHIS DOWNTOWN

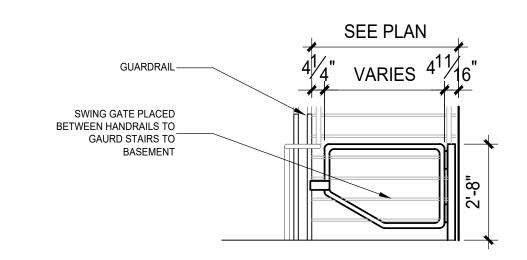
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

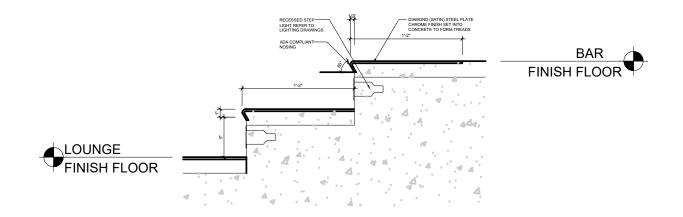
DRAWN BY: CHKD. BY: MWT

STAIR SECTIONS & DETAILS

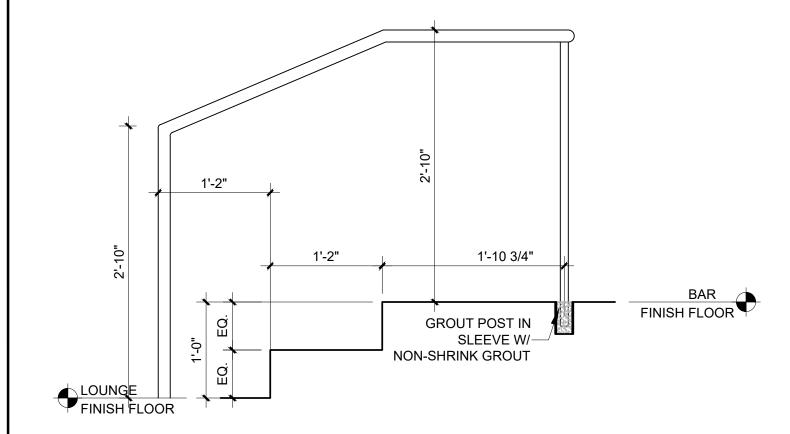
SHEET A476.1



5 STAIR SECTION @ LOUNGE/ BAR SCALE :1" = 1'-0"



STAIR SECTION @ LOUNGE/ BAR SCALE :1" = 1'-0"

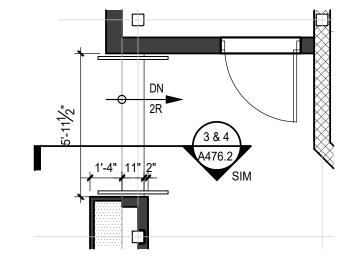


3 STAIR SECTION @ LOUNGE/ BAR SCALE :1" = 1'-0"

NOT USED

SCALE :1" = 1'-0"

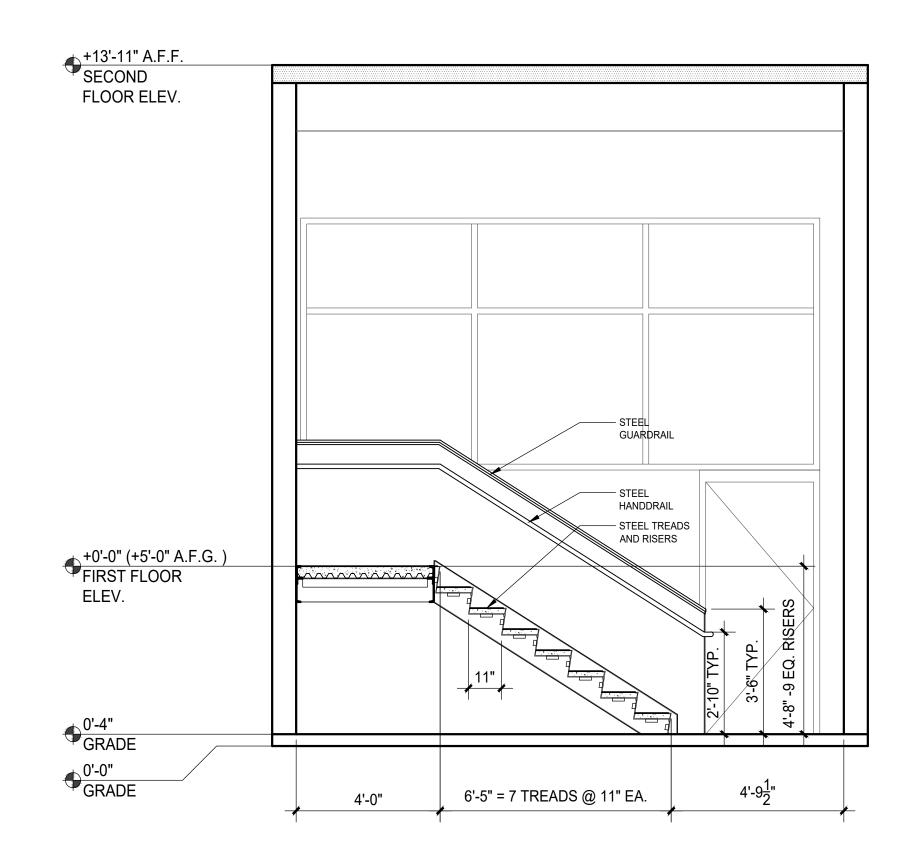
.\images\Stair_Detail.jpg



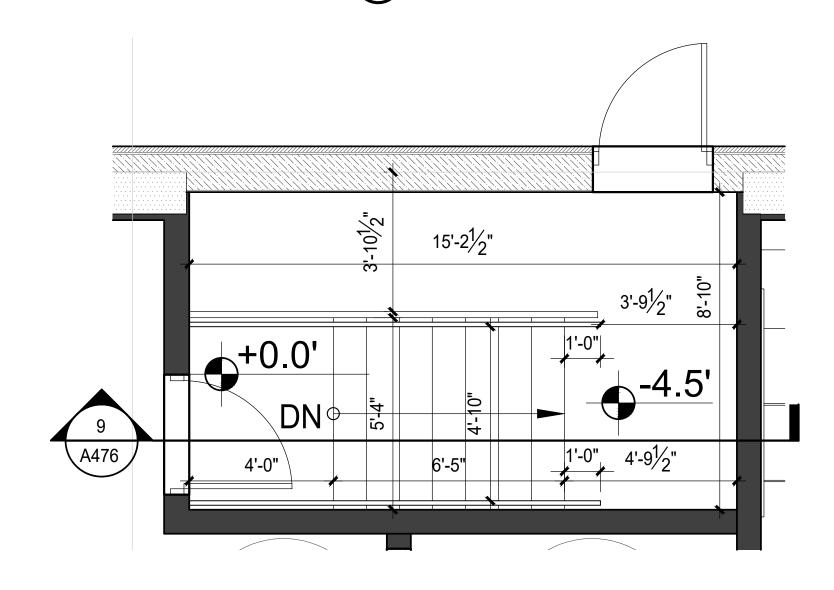
STAIR SECTION @ LOUNGE/ BAR

SCALE:1" = 1'-0"

6 TYPICAL STAIR/HANDRAIL DETAILS
SCALE:NTS



8 STAIR DETAIL - STAIR 5 SCALE: 3/8" = 1'-0"



7 STAIR PLAN 5 @ FIRST FLOOR

SCALE: 3/8" = 1'-0"

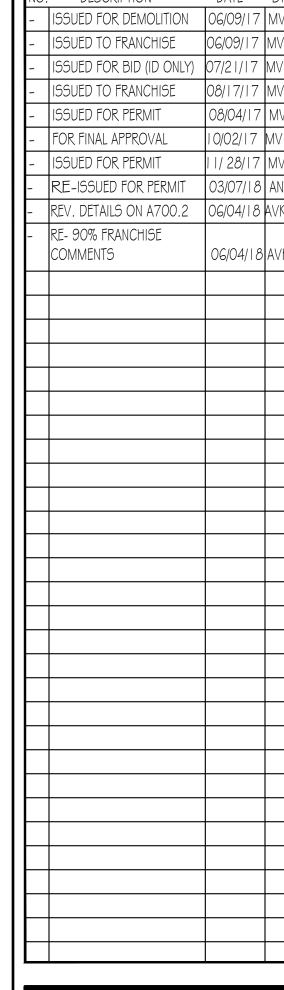
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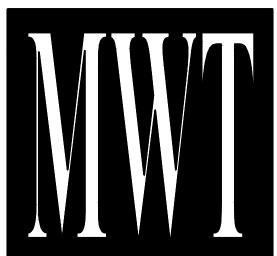
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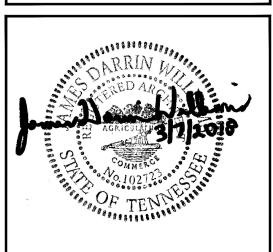
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

STAIR SECTIONS & DETAILS

SHEET A476.2

ELEVATOR NOTES

1.ACCESSIBLE MEANS OF EGRESS ELEVATOR: IN ORDER TO BE CONSIDERED A PART OF THE ACCESSIBLE MEANS OF EGRESS, AN ELEVATOR SHALL COMPLY WITH THE EMERGENCY OPERATION AND SIGNALING DEVICE REQUIREMENTS OF SECTION 2.27 OF ASME A17.1 STANDBY POWER SHALL BE PROVIDED IN ACCORDANCE WITH IBC CHAPTER 27 AND SECTION 3003. (1BC 1007.4)

2. EMERGENCY SIGNS: AN APPROVED PICTORIAL SIGN OF STANDARDIZED DESIGN SHALL BE POSTED ADJACENT TO EACH ELEVATOR CALL STATION ON ALL FLOORS INSTRUCTING OCCUPANTS TO USE THE EXIT STAIRWAYS AND NOT TO USE THE FLEVATORS IN CASE OF A FIRE. THE SIGN SHALL READ: "IN FIRE EMERGENCY, DO NOT USE ELEVATOR, USE EXIT STAIRS." (IBC 3002.3)

3. AMBULANCE STRETCHER REQUIREMENT - IN BUILDINGS FOUR STORIES OR MORE. AT LEAST ONE ELEVATOR SHALL BE PROVIDED FOR FIRE DEPARTMENT ACCESS TO ALL FLOORS. ELEVATOR CAR SIZE SHALL ACCOMMODATE A 24" X 84"

WITH NOT LESS THAN 5" RADIUS CORNERS, IN THE HORIZONTAL, OPEN POSITION AND SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES (STAR OF LIFE). THE SYMBOL SHALL NOT BE LESS THAN 3 INCHES HIGH AND PLACED INSIDE ON BOTH SIDES OF THE HOISTWAY DOOR FRAME. (IBC 3002.4)

ALL ELEVATORS SHALL BE ACCESSIBLE IN ACCORDANCE WITH IBC CH 11,

ICC/ANSI A117.1, SECTION 407. THE FOLLOWING IS A PARTIAL LIST OF THOSE REQUIREMENTS: A) CALL CONTROLS. CALL BUTTONS SHALL BE RAISED OR FLUSH. OBJECTS

BENEATH HALL CALL BUTTONS SHALL PROTRUDE 1 INCH MAXIMUM. (407.2.1) CALL BUTTONS AND KEYPADS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN SECTION ICC/ANSI A117.1 308 BETWEEN 15 MIN. AND 48" MAX., MEASURED TO THE CENTERLINE OF THE HIGHEST OPERABLE PART. (407.2.1.1) CALL BUTTONS SHALL BE 3/4 INCH MIN. IN THE SMALLEST DIMENSION. (407.2.1.2) A 30" X 48" CLEAR FLOOR SPACE SHALL BE PROVIDED

AT CALL CONTROLS. (407.2.1.3) THE CALL BUTTON THAT DESIGNATES THE UP DIRECTION SHALL BE LOCATED ABOVE THE CALL BUTTON THAT DESIGNATES THE DOWN DIRECTION. (407.2.1.4) CALL BUTTONS SHALL HAVE VISIBLE SIGNALS TO INDICATE WHEN EACH CALL IS REGISTERED AND ANSWERED. (407.2.1.5)

B) HALL SIGNALS. HALL SIGNALS, INCLUDING IN-CAR SIGNALS: A VISIBLE AND AUDIBLE SIGNAL SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE TO INDICATE WHICH CAR IS ANSWERING A CALL AND THE CAR'S DIRECTION OF TRAVEL. WHERE IN-CAR SIGNALS ARE

PROVIDED THEY SHALL BE VISIBLE FROM THE FLOOR ARFA ADJACENT TO THE HALL CALL BUTTONS (407.2.2.1). VISIBLE SIGNAL FIXTURES SHALL BE CENTERED AT 72 INCHES MIN ABOVE THE FLOOR. THE VISIBLE SIGNAL ELEMENTS SHALL BE MEASURED ALONG THE VERTICAL CENTERLINE OF THE ELEMENT. SIGNALS SHALI BE VISIBLE FROM THE FLOOR AREA ADJACENT TO THE HALL CALL BUTTON (407.2.2.2) AUDIBLE SIGNALS SHALL SOUND ONCE FOR THE UP DIRECTION AND TWICE FOR THE DOWN

DIRECTION, OR SHALL HAVE VERBAL ANNUNCIATORS THAT INDICATE THE DIRECTION OF ELEVATOR CAR TRAVEL. AUDIBLE SIGNALS SHALL HAVE A FREQUENCY OF 1500 HZ MAX. VERBAL ANNUNCIATORS SHALL HAVE A FREQUENCY OF 300 HZ MIN AND 3000 MAX. THE AUDIBLE SIGNAL OR VERBAL ANNUNCIATOR SHALL BE 10 DBA MIN ABOVE AMBIENT, BUT SHALL NOT EXCEED 80 DBA, MEASURED AT THE HALL CALL

BUTTON. (407.2.2.3)

C) HOISTWAY SIGNS, FLOOR DESIGNATIONS SHALL BE PROVIDED IN TACTILE CHARACTERS COMPLYING WITH SECTION ANSI/IIC117.1 703.3 LOCATED ON BOTH JAMBS OF ELEVATOR HOISTWAY ENTRANCES. TACTILE CHARACTERS SHALL BE 2 INCHES MIN IN HEIGHT. A TACTILE STAR SHALL BE PROVIDED ON BOTH JAMBS AT THE MAIN ENTRY LEVEL.(407.2.3.1) DESTINATION SIGNS: WHERE SIGNS INDICATE THAT ELEVATORS DO NOT SERVE ALL LANDINGS, SIGNS IN TACTILE CHARACTERS (PER 703.3) SHALL BE PROVIDED ABOVE THE HALL CALL FIXTURE. (407.2.4)

D) ELEVATOR DOORS: ELEVATOR DOORS SHALL BE HORIZONTAL SLIDING TYPE. AND SHALL OPEN & CLOSE AUTOMATICALLY. (407.3) ELEVATOR DOORS SHALL BE PROVIDED WITH A REOPENING DEVICE THAT SHALL STOP AND REOPEN A CAR DOOR AND HOISTWAY DOOR AUTOMATICALLY IF THE DOOR BECOMES OBSTRUCTED BY AN OBJECT OR PERSON (407.3.3). THE REOPENING DEVICE SHALL BE ACTIVATED BY SENSING AN OBSTRUCTION PASSING THROUGH THE OPENING AT 5 INCHES NOMINAL AND 29

(407.3.3.1) THE REOPENING DEVICE SHALL NOT REQUIRE PHYSICAL CONTACT TO BE ACTIVATED, ALTHOUGH CONTACT SHALL BE PERMITTED BEFORE THE DOOR (407.3.3.2) THE REOPENING DEVICE SHALL REMAIN EFFECTIVE FOR 20 SECONDS

E) DOOR AND SIGNAL TIMING. THE MINIMUM ACCEPTABLE TIME FROM NOTIFICATION THAT A CAR IS ANSWERING A CALL UNTIL THE DOORS OF THAT CAR START TO CLOSE SHALL BE CALCULATED FROM THE FOLLOWING EQUATION: T=D/(1.5 FT/S) OR T=D/(455MM/S) = 5 SECONDS MINIMUM, WHERE T=TIME IN D=DISTANCE, FROM THE POINT IN THE LOBBY OR CORRIDOR 60 INCHES DIRECTLY

CENTERLINE OF ITS HOISTWAY DOOR. (ICC/ANSI A117.1 SEC 407.3.4) F) DOOR DELAY. ELEVATOR DOORS SHALL REMAIN FULLY OPEN IN RESPONSE TO

IN FRONT OF THE FARTHEST CALL BUTTON CONTROLLING THAT CAR TO THE

A CAR CALL FOR 3 SECONDS MINIMUM. (407.3.5)

G) DOOR WIDTH. ELEVATOR DOOR CLEAR OPENING WIDTH SHALL COMPLY WITH TABLE 407.4.1. (407.3.6) H) ELEVATOR CAR REQUIREMENTS CAR DIMENSIONS.* INSIDE DIMENSIONS OF ELEVATOR CARS SHALL COMPLY WITH TABLE 407.4.1 LEVELING. EACH CAR SHALL

BE EQUIPPED WITH A SELF-LEVELING FEATURE THAT WILL AUTOMATICALLY BRING AND MAINTAIN THE CAR AT FLOOR LANDINGS WITHIN A TOLERANCE OF 1/2 INCH UNDER RATED LOADING TO ZERO LOADING CONDITIONS (407.4.4). ILLUMINATION. THE LEVEL OF ILLUMINATION AT THE CAR CONTROLS, PLATFORM, CAR THRESHOLD AND CAR LANDING SILL SHALL BE 5 FOOT-

CANDLES (54 LUX) MINIMUM. (407.4.5) I) CAR CONTROLS CONTROLS SHALL BE LOCATED WITHIN ONE OF THE REACH RANGES SPECIFIED IN ICC/ANSI A117.1 SEC. 308. CAR CONTROL BUTTONS WITH

FLOOR DESIGNATIONS SHALL BE RAISED OR FLUSH. BUTTONS SHALL BE 3/4 INCH MIN IN THEIR SMALLEST DIMENSION.(407.4.6.2.2) BUTTONS SHALL BE ARRANGED IN ASCENDING ORDER WITH FLOOR BELOW THE MAIN ENTRY FLOOR DESIGNATED WITH MINUS NUMBERS. WHEN TWO OR MORE COLUMNS ARE PROVIDED, THEY SHALL READ FROM LEFT TO RIGHT (407.4.6.2.2): EMERGENCY CONTROL BUTTONS SHALL HAVE THEIR CENTERLINES 35 INCHES MIN ABOVE THE FLOOR (407.4.6.4.1). EMERGENCY CONTROLS, INCLUDING THE EMERGENCY ALARM, SHALL BE GROUPED AT THE BOTTOM OF THE PANEL

(407.4.6.4.2) DESIGNATIONS AND INDICATORS OF CAR CONTROLS: CONTROL BUTTONS SHALL BE IDENTIFIED BY TACTILE CHARACTERS COMPLYING WITH ICC/ANSI A117.1 SEC. 703.3. TACTILE CHARACTER AND BRAILLE DESIGNATIONS SHALL BE PLACED IMMEDIATELY TO THE LEFT OF THE CONTROL BUTTON TO WHICH THE DESIGNATIONS APPLY. WHERE A NEGATIVE NUMBER IS USED, THE BRAILLE DESIGNATION SHALL BE A CELL WITH THE DOTS 3 & 6 FOLLOWED BY THE ORDINAL NUMBER. (407.4.7.1.2) THE CONTROL BUTTON FOR

THE EMERGENCY STOP, ALARM, DOOR OPEN, DOOR CLOSE, MAIN ENTRY FLOOR, AND PHONE SHALL BE IDENTIFIED WITH TACTILE SYMBOLS AS SHOWN IN ICC/ANSI A117.1 TABLE 407.4.7.1.3. BUTTONS WITH FLOOR DESIGNATIONS SHALL BE PROVIDED WITH VISIBLE INDICATORS TO SHOW THAT A

CALL HAS BEEN REGISTERED. THE VISIBLE INDICATION SHALL EXTINGUISH WHEN THE CAR ARRIVES AT THE DESIGNATED FLOOR. (407.4.7.2) J)CAR POSITION INDICATORS AUDIBLE AND VISIBLE CAR POSITION INDICATORS

SHALL BE PROVIDED IN ELEVATOR CARS. (407.4.9) VISIBLE INDICATORS: CHARACTERS SHALL BE 1/2 INCHES MIN IN HEIGHT. INDICATORS SHALL BE LOCATED ABOVE THE CAR CONTROL PANEL OR ABOVE THE DOOR. AS THE CAR PASSES A FLOOR AND WHEN A CAR STOPS AT A FLOOR SERVED BY THE ELEVATOR, THE CORRESPONDING CHARACTER SHALL ILLUMINATE. AUDIBLE INDICATORS: FOR ELEVATORS OTHER

ELEVATORS THAT HAVE A RATED SPEED OF 200 FT PER MINUTE OR LESS, A NON-VERBAL AUDIBLE SIGNAL WITH A FREQUENCY OF 1500 HZ MAX THAT SOUNDS AS THE CAR PASSES OR IS ABOUT TO STOP AT A FLOOR SERVED BY THE ELEVATOR SHALL BE PERMITTED.(407.4.9.2.1 EXCEPTION)

THAN DESTINATION-ORIENTED

TO THE DEVICE.

K) EMERGENCY COMMUNICATIONS EMERGENCY TWO-WAY COMMUNICATION SYSTEMS BETWEEN THE ELEVATOR CAR AND A POINT OUTSIDE THE HOISTWAY SHALL COMPLY WITH SECTION 407.4.10 AND ASME/ANSI A17.1 LISTED IN SECTION 105 2 5 THE HIGHEST OPERABLE PART OF A TWO-WAY COMMUNICATION SYSTEM SHALL COMPLY WITH SECTION 308. TACTILE CHARACTERS COMPLYING WITH SECTION 703.3 AND SYMBOLS COMPLYING WITH SECTION 407.4.7.1.3. SHALL BE PROVIDED ADJACENT

REQUIRED, SPACING SHOWN ON THE RAIL BRACKET

B. PROVISIONS FOR GUARDING TO BE ERECTED,

4. ALL CUTTING OR PATCHING TO ACCOMMODATE

5. HOISTWAY WALLS ARE TO BE DESIGNED AND

FASTENINGS TO HOISTWAY ASSEMBLIES.

CONSTRUCTED IN ACCORDANCE WITH THE REQUIRED

ELEVATOR FIXTURE BOXES, AND TO INCLUDE ADEQUATE

FIRE RATING INCLUDING WHERE PENETRATED BY

ABOVE THE CLEAR OPENING AT EACH LANDING TO

CONSTRUCTED UNTIL THE FRAMES AND SILLS ARE SET.

LAYOUT, AND ANY GROUTING AROUND ENTRANCE

7 SUITABLE CONTROL ROOM WITH LEGAL ACCESS AND

MINIMUM HEIGHT OF 7'6" (2286mm) TO BE PROVIDED.

EXCEED 95% NON-CONDENSING. FOR HEATING,

CONFIRMATION OF POWER SUPPLY FORM.

& 100° F (15.5° & 37.8° C). RELATIVE HUMIDITY NOT TO

VENTILATION, AND AIR CONDITIONING REQUIREMENTS

OTHER THAN THOSE SHOWN ABOVE REFER TO MFR.

8. A SEPARATE BRANCH CIRCUIT FOR SUITABLE LIGHT

IN THE MACHINE ROOM WITH THE LIGHT SWITCH

FOR EACH ELEVATOR, A THREE PHASE ELECTRICAL

FEEDER SYSTEM WITH A SEPARATE EQUIPMENT

SWITCH OR CIRCUIT BREAKER, LOCATED IN THE

FIXTURE(S) AND CONVENIENCE OUTLETS, WITH G.F.I.,

LOCATED ADJACENT TO THE LOCK JAMB SIDE OF THE

GROUNDING CONDUCTOR AND A SINGLE PHASE 120 VOLT

LIGHTING SUPPLY. EACH WITH A FUSED DISCONNECT

MACHINE ROOM AND WIRED TO EACH CONTROLLER.

3116/14 LBS/KN AT EACH BUFFER AND 13787/61 LBS/KN AT

THE ACCUMULATION OF WATER MUST BE PREVENTED.

13. A FIXED VERTICAL STEEL LADDER TO PIT EXTENDING

ENTRANCE AS LOCATED IN THE PLAN VIEW. LADDER

WIDTH AND PROJECTION FROM WALL PER LOCAL CODE.

Verify walls and sill supports are plumb, where openings occur.

Verify minimum 2-hour fire-resistance rating of hatch walls.

Verify hoistway is clear and plumb, with maximum variation of 1/2" at any point.

-CARS SHALL SELF LEVEL AT EACH FLOOR LANDING WITH A TOLERANCE OF 1/2".

ADDITIONAL ELEVATOR REQUIREMENTS

76mm) HIGH AND SHALLL BE PLACED INSIDE ON BOTH SIDES OF THE HOISTWAY DOOR FRAME

FROM THE FLOOR AREA ADJACENT TO THE CALL BUTTON.

THE DOOR BECOMES OBSTRUCTED BY AN OBJECT OR PERSON

FBC BUILDING SECT- 3002 ELEVATOR HOISTWAYS

002.4 ELEVATOR CAR TO ACCOMMODATE AMBULANCE STRETCHER

Notify Architect in writing of dimensional discrepancies or other conditions detrimental to proper installation or performance of elevators.

3. Do not proceed with elevator installation until unsatisfactory conditions have been corrected in a manner acceptable to manufacturer/installer

ASSENGER ELEVATOR(S) SHALL COMPLY WITH ADA AND STATE BUILDING CODE ACCESSIBILTY REQUIREMENTS. THESE SHALL

CALL BUTTONS SHALL BE 35" MIN - 48" MAX AFF MEASURED TO THE BUTTON CENTERLINE, AND SHALL HAVE VISUAL SIGNALS. BUTTONS

HALL SIGNALS, VISIBLE AND AUDIBLE SHALL BE PROVIDED AT EACH HOISTWAY ENTRANCE. SIGNAL FIXTURES SHALL BE 72" MIN. AFF

NTRANCES, 60" AFF MEASURED TO THE BASELINE OF THE CHARACTER. A 2" HIGH CHARACTER "STAR" SHALL BE PROVIDED AT BOTH

-DOORS SHALL HAVE A REOPENING DEVICE THAT SHALL STOP AND REOPEN A CAR DOOR AND HOISTWAY DOOR AUTOMATICALLY IF

-MUST ACCOMMODATE 24" x 84" AMBULANCE STRETCHER AND DISPLAY A 3 IN. "STAR OF LIFE" SYMBOL INSIDE BOTH SIDE OF THE

ANY BUILDING THAT IS MORE THAN THREE STORIES HIGH OR IN WHICH VERTICAL DISTANCE BETWEEN THE BOTTOM TERMINAL

ANDING AND TOP TERMINAL LANDING EXCEEDS 25 FEET, MUST BE CONSTRUCTED TO CONTAIN AT LEAST ONE PASSENGER ELEVATOR

HAT IS OPERATIONAL FOR BUILDING OCCUPANTS AND FIRE DEPARTMENT EMERGENCY ACCESS TO ALL FLOORS. THE ELEVATOR CAR

950mm) WITH NOT LESS THAN 5 INCH (127 mm) RADIUS CORNERS, IN THE HORIZONTAL, OPEN POSITION AND SHALL BE IDENTIFIED BY

THE INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES (STAR OR LIFE). THE SYMBOL SHALL NOT BE LESS THAN 3 INCHES

SHALL BE OF SUCH SIZE AND ARRANGEMENT TO ACCOMMODATE AN AMBULANCE STRETCHER 24 INCHES BY 76 INCHES (610mm by

MEASURED TO THE CENTERLINE. THE VISIBLE ELMENTS SHALL BE 2-1/2" MIN. IN THEIR SMALLEST DIMENSION AND SHALL BE VISIBLE

2" HIGH TACTILE CHARACTERS AND BRAILLE FLOOR DESIGNATIONS SHALL BE PROVIDED AT BOTH JAMBS OF THE HOISTWAY

SHALL BE 3/4" MIN. SMALLEST DIMENSION AND SHALL BE RAISED OR FLUSH. OBJECTS BENEATH CALL BUTTON SHALL PROTRUDE 1"

4'-0" (1219mm) ABOVE THE SILL OF THE BOTTOM

IF PIT DEPTH IS GREATER THAN 9'-10"(3000mm)

LANDING], A PIT ACCESS DOOR IS REQUIRED.

[13'-9" (4191mm) WITH NO FLOOR BELOW BOTTOM

CONTROL ROOM TEMPERATURE MAINTAINED BETWEEN 60°

WALL AND THE FINISHED FLOOR MUST NOT BE

MAINTAINED, AND REMOVED BY OTHERS.

ELEVATOR INSTALLATION.

<u> LEVATOR MAKE : SCHINDLEF</u>

CONSTRUCTION

FRAMES IF REQ'D.

MACHINE ROOM DOOR.

OF UP TO:

THE CYLINDER HEAD.

LEVATOR ACCESSIBILITY:

LINCLUDE BUT NOT BE LIMITED TO

ELEVATOR NOTES

. PROPERLY FRAMED AND ENCLOSED LEGAL HOISTWAY 14. PIT FLOOR BENEATH CYLINDERS AND BUFFER TO BE INCLUDING VENTING AS REQUIRED BY THE GOVERNING FLAT AND LEVEL WITHIN 1/8" (3mm) FULL WIDTH OF CODE AND SAFETY BEAM AS SHOWN. 2. ADEQUATE SUPPORT FOR GUIDE RAIL FASTENINGS NOT $\,$ 15. ELEVATOR CAB FLOORING MUST NOT EXCEED A

TO EXCEED THE VERTICAL SEPARATOR BEAMS WHERE THICKNESS OF 5/16" (8mm). REFER TO FRANCHISE

CHART, AND PROTECTION FOR THE HOISTWAY DURING 16. ONE (1) DEDICATED OUTSIDE TELEPHONE LINE TO THE ELEVATOR MACHINE ROOM MUST BE FURNISHED. TELEPHONE CONNECTIONS TO EACH CONTROLLER.

INTERIOR FINISH PLAN.

TELEPHONE INSTRUMENT BY OTHERS. 17. ALL 125 VOLT. 15 OR 20 AMP. SINGLE PHASE DUPLEX RECEPTACLES INSTALLED IN PITS, MACHINE ROOMS OR MACHINERY SPACES, SHALL BE OF THE GROUND-FAULT-CIRCUIT-INTERRUPTER TYPE.

18. SMOKE DETECTORS, LOCATED AS REQUIRED, WITH WIRING FROM THE SENSING DEVICES TO A CONTROLLER DESIGNATED BY MFR. FOR EACH GROUP OF ELEVATORS. A HORIZONTAL SUPPORT MUST BE PROVIDED 12"(305mm) PROVIDE A NORMALLY CLOSED CONTACT REPRESENTING THE SMOKE DETECTOR AT THE DESIGNATED RETURN SUPPORT THE DOOR FRAME ASSEMBLY. THE ENTRANCE LANDING. FOR EACH GROUP OF ELEVATORS, PROVIDE A NORMALLY CLOSED CONTACT REPRESENTING ALL SMOKE DETECTORS LOCATED IN LOBBIES HOISTWAYS OR MACHINE ROOMS BUT NOT THE SMOKE DETECTOR AT 6. FOR PRECAST OR POURED CONCRETE WALLS, PROVIDE THE DESIGNATED RETURN LANDING (SEE ABOVE) OR THE ROUGH OPENNING FOR HOISTWAY AS SHOWN ON THE SMOKE DETECTORS AS DESCRIBED IN A & B BELOW

> A) IF A SMOKE DETECTOR IS LOCATED IN THE HOISTWAY AT OR BELOW THE LOWER OF THE TWO RECALL LANDINGS. IT SHALL BE WIRED TO ACTIVATE THE SAME NORMALLY CLOSED CONTACT AS THE SMOKE DETECTOR LOCATED IN THE LOBBY AT THE LOWER OF THE TWO RECALL LANDINGS. B) IF MACHINE ROOMS ARE LOCATED AT THE DESIGNATED RETURN LANDING, THE SMOKE DETECTOR LOCATED THEREIN SHALL BE WIRED TO ACTIVATE THE SAME NORMALLY CLOSED CONTACT AS THE SMOKE DETECTOR AT THE DESIGNATED LANDING. FOR A SINGLE UNIT, OR GROUP OF ELEVATORS HAVING ONE COMMON MACHINE ROOM

REPRESENTING ALL MACHINE ROOM AND HOISTWAY IF THE GROUP CONTAINS MORE THAN ONE HOISTWAY, AND HOISTWAY SMOKE DETECTORS ARE INSTALLED, OR IF THE GROUP HAS MORE THAN ONE MACHINE ROOM, PROVIDE ONE ADDITIONAL NORMALLY CLOSED CONTACT FOR EACH ELEVATOR. THE CONTACT IS TO REPRESENT THE SMOKE DETECTOR IN THE MACHINE ROOM FOR THAT PARTICULAR ELEVATOR, AND ANY SMOKE

AND ONE COMMON HOISTWAY, PROVIDE ONE

ADDITIONAL NORMALLY CLOSED CONTACT

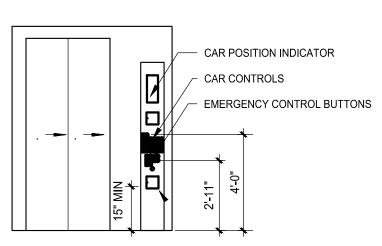
10. IN THE PIT, A SEPARATE BRANCH CIRCUIT FOR DETECTORS IN THE HOISTWAY CONTAINING THAT CONVENIENCE G.F.C.I. OUTLET & LIGHT FIXTURE PARTICULAR ELEVATOR. WITH LIGHT SWITCH ADJACENT TO THE PIT LADDER. 19. IF SPRINKLERS ARE INSTALLED IN THE HOISTWAY 1. ALL ELECTRIC POWER FOR TOOLS, LIGHT, HOIST, ETC., MACHINE ROOM, OR MACHINERY SPACES, THE LOCAL DURING ERECTION AS WELL AS ELECTRIC CURRENT FOR CODE MAY REQUIRE A MEANS TO AUTOMATICALLY STARTING AND ADJUSTING THE ELEVATOR.

DISCONNECT THE MAIN POWER SUPPLY OF THE AFFECTED FI EVATOR PRIOR TO THE APPLICATION OF 12. DRY PIT REINFORCED TO SUSTAIN VERTICAL FORCES WATER (CONFIRM WITH THE LOCAL CODE OFFICIAL). SMOKE DETECTORS SHALL NOT BE USED TO ACTIVATE SPRINKLERS IN HOISTWAYS MACHINE ROOMS OR MACHINERY SPACES OR TO DISCONNECT THE MAIN LINE

20. TWO (2) 6" X 6" (152mm x 152mm) CUTOUTS ARE OIL PIPE AND THE ACTUAL LOCATION OF THE CUTOUTS FOR THE TO AND FROM ELECTRICAL TROUGH WILL VARY DEPENDENT UPON MACHINE ROOM LOCATION AND CONFIGURATION.

52042 N | 60493 N | 64941 N | 69389 N | 77395 N 5100 # | 5500 # | 5700 # | 5900 # | 7300 # 22685 N | 24464 N | 25354 N | 26243 N | 32470 N 20800 # | 22200 # | 23200 # | 24000 # | 26600 # 92518 N | 98746 N | 103194 N | 106752 N | 118317 N 2500 # | 2700 # | 2800 # | 2800 # | 3000 # 11120 N | 12010 N | 12454 N | 12454 N | 13344 N | CAR R1 = SAFETY APPLICATION CWT R1 = RUNNING

	RI	R2	R2 = LOADIN	NG OR RU	NNING
	SEE NOTE	S 6 & 7			
RAIL	FORCE & B	RACKET S	PACING	RAIL	MAXIMUN
S	EISMIC	ZONE	0 &1	SIZE	BRACKE
CA	APACITY	R1	R2	SIZE	SPACING
	2100	380 #	60 #		
	2100	1690 N	267 N		
	2500	460 #	70 #		
	2500	2046 N	311 N	#1 1/2	
CAR	3000	490 #	80 #		12'-0"
CAIN		2180 N	356 N		[3658]
	3500	520 #	90 #		
		2313 N	400 N		
	4000	680 #	110 #	#1	
		3025 N	489 N	#1	
	2100	290 #	30 #		
	2100	1290 N	133 N		
	2500	300 #	30 #		
	2500	1334 N	133 N		
сwт	3000	310 #	30 #	#2	12'-0"
CVVI	3000	1379 N	133 N		[3658]
	3500	320 #	30 #		
	3500	1423 N	133 N		
	4000	340 #	30 #	#1 1/2	
	4000	1512 N	133 N	#1 1/2	



"A" Pocket Depth

PIT POCKET DIMENSIONS (NOTE A)

4-1/2"

PIT LADDER DETAIL

Pit Ladder (SEE NOTE A)

"A"

2-1/8" [54]

3-1/2" [88.9]

TOE SPACE POCKET DEPTH

Examine hoistways, hoistway openings, pits, and machine rooms before starting elevator installation. INTERIOR CAB ELEVATION Verify hoistway, pit, machine room, and openings are of correct size, within tolerances, and are ready for work of this section.

"B" Toe Space

TYPE

SS

CO

PIT FLOOR FORCES (150 - 200 FPM [0.76 - 1.02 m/s]) SAPACITY | 2100 | 2500 | 3000 | 3500 | 4000 11600 # | 13200 # | 13900 # | 14600 # | 16600 # 51597 N | 58714 N | 61827 N | 64941 N | 73837 N 8600 # | 9600 # | 10100 # | 10600 # | 11900 # 38253 N | 42701 N | 44925 N | 47149 N | 52931 N 11700 # | 13600 # | 14600 # | 15600 # | 17400

3/8" x 2" STL. **RUNGS**: $\frac{3}{4}$ " DIA. STL, WELD TO SIDERAILS ANCHORS:

SIDERAILS:

3/8" x 3" x 8" STEEL ANGLE EACH SIDE @ 6'-0" O.C. MAX. WELDED TO LADDER

FASTENERS: 5/8" DIA. ANCHOR BOLTS INTO WALL BLOCKING OR CONCRETE

ALL STEEL TO BE GALVANIZED, PRIMED & PAINTED

SILL ASSEMBLY

(BY ELEVATOR

GROUTING IF

REQ'D (BY

OTHERS)

— FIN. FLOOR

GROUT

- SILL LINE

5" DOOR SPACE

ADEQUATE SUPPORT AT ALL FASTENING POINTS

—INDICATOR—

*LOCATION PER

MANUFATURERS

SPECIFICATIONS

HOISTWAY SIGNS

TEEL INFORMATION

ELEVATOR CALL BUTTON-

AND ADA SPECIFICATIONS

LOCATION PER MANUFACTURER

ELEVATOR DOOR ELEVATION

OF ENTRANCE ASSEMBLY REQ'D (NOT BY OTIS)

— FRONT WALL LINE

(AL2-VWC-400)

4 GA. BLACKENED

-(AL2-VB-403)

STEEL INFORMATION

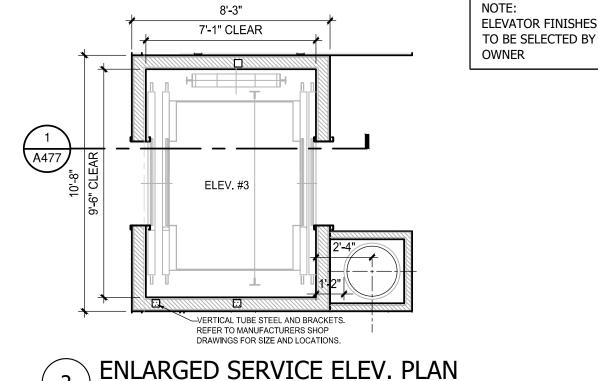
SIGNAGE

- STAINLESS STEEL

ELEVATOR DOORS

STOP

MANUFACTURER



ELEV. #1

3'-6"

VERTICAL TUBE STEEL AND BRACKETS.

REFER TO MANUFACTURERS SHOP

ENLARGED LOBBY ELEV. PLAN

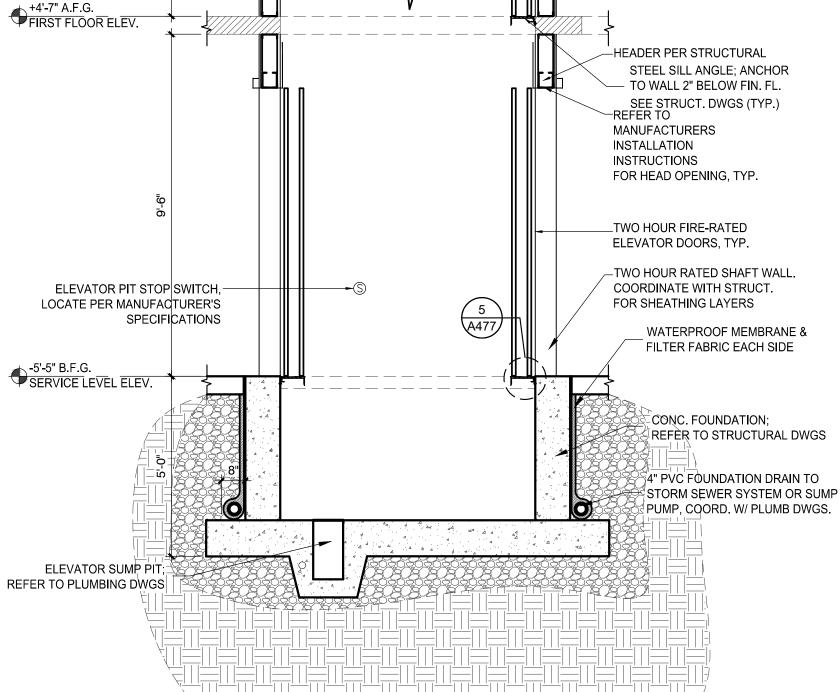
DRAWINGS FOR SIZE AND LOCATIONS.

18'-6"

17'-4" CLEAR

24"x76" STRETCHER

ELEV. #2



SERVICE ELEVATOR PIT SECTION

FIRE SERVICE ACCESS ELEVATOR

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION

AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMA THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSES, TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR

STORM SEWER SYSTEM OR SUMP

SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT. YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED

NOTE: Elevator finishes shall be selected by owner and submitted to Marriott for review and approval

DESCRIPTION

SSUED FOR DEMOLITION

BSUED TO FRANCHISE

ISSUED TO FRANCHISE

SSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

REV. 90% REVIEW

COMMENTS

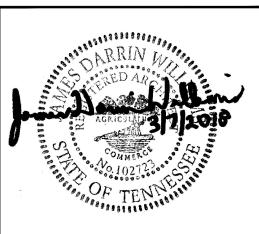
RE-ISSUED FOR PERMIT

REV. DETAILS ON A700.2

BSUED FOR BID (ID ONLY)



ARCHITECTURE URBAN PLANNING INTERIORS HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF THE ARCHITECT, TO ALTER O REPRODUCE THESE DRAWINGS IN ANY WAY

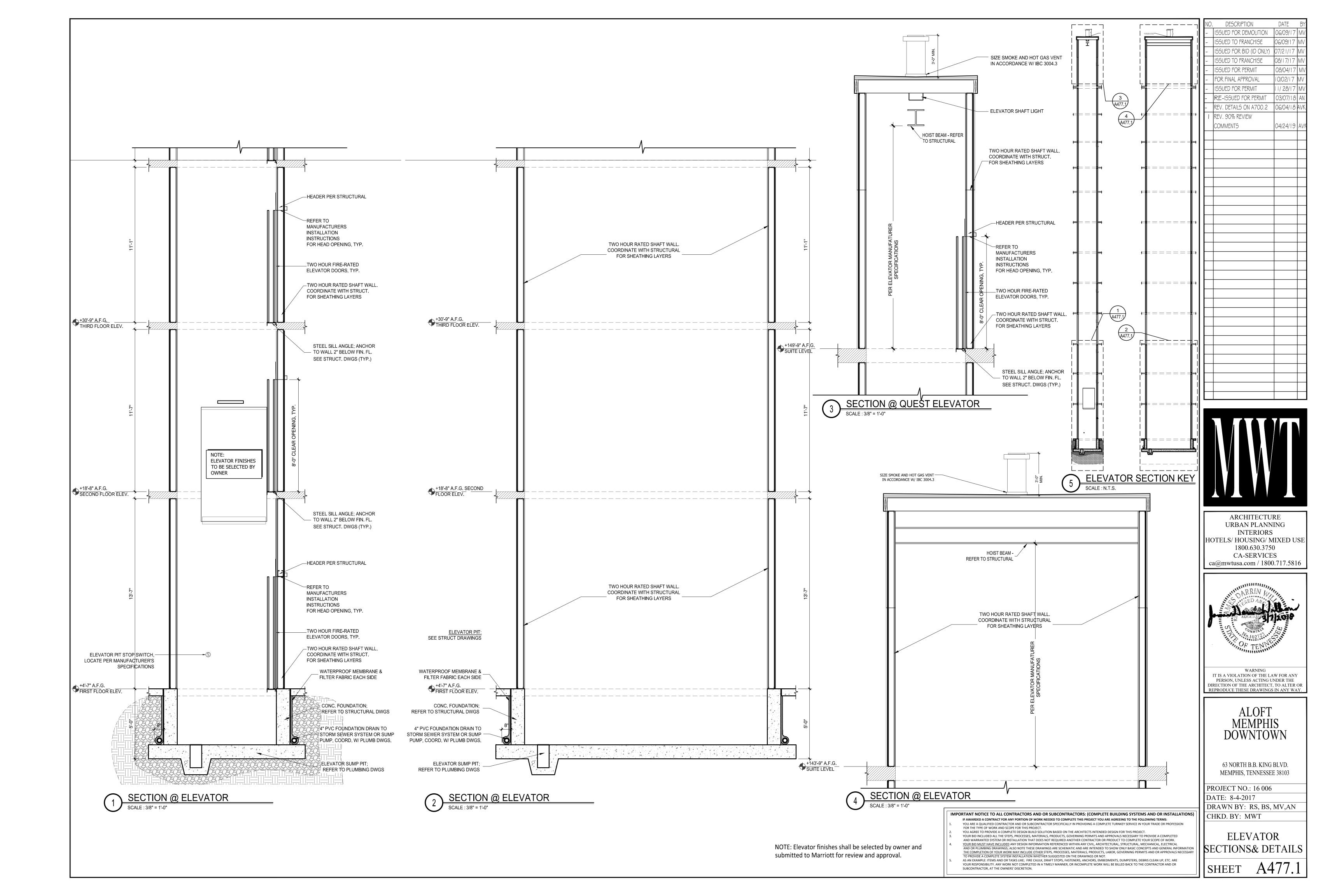
ALOFT

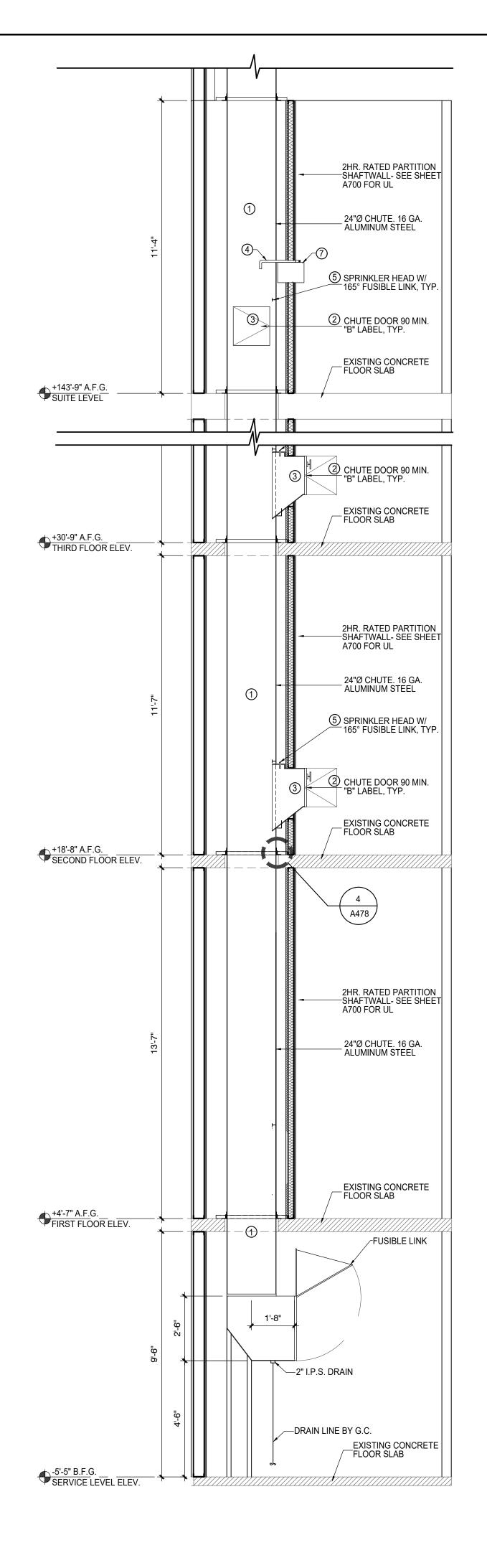
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

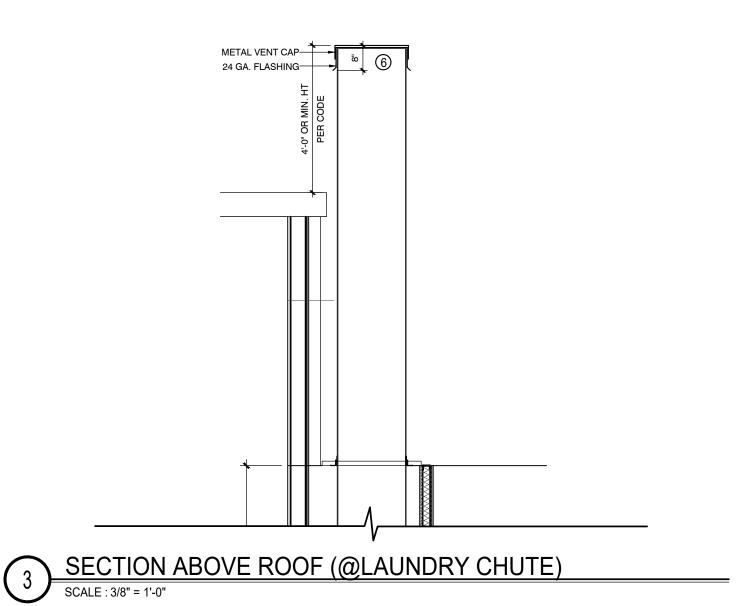
PROJECT NO.: 16 006

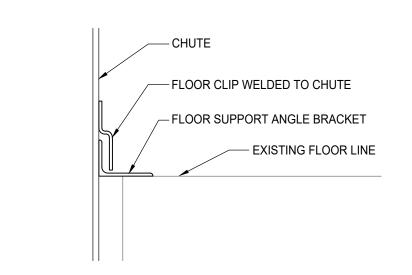
DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

ELEVATOR PLAN SECTION & DETAIL







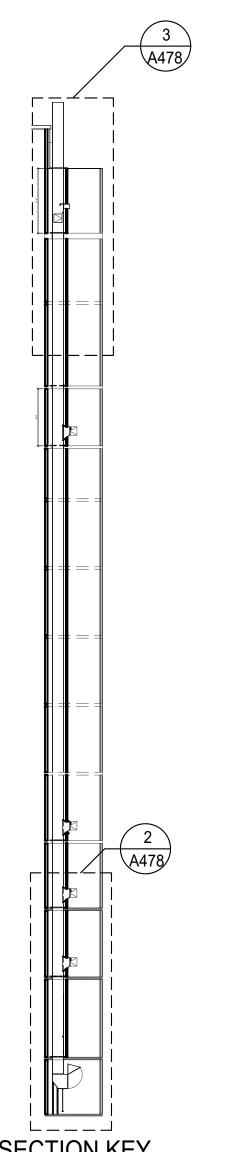


SECTION @ LAUNDRY CHUTE

SCALE: 3/8" = 1'-0"

NOTES:

- 1. 24" DIAMETER CHUTE FABRICATED FROM 16 GA. ALUMINIZED STEEL
- 2. INTAKE DOOR 18" WIDE X 18" HIGH, LEFT SIDE HINGED, NOISELESS, SELF-CLOSING, SELF LATCHING, STAINLESS STEEL FRONT AND BACK BEARING UL LABEL 1½ HOUR, MAX. TEMP RISE 250°F., 30 MIN. EMBOSSED "SOILED LINEN" STAINLESS STEEL TRIM, ADA LEVER HANDLE WITH LOCK AND 2 KEYS.
- HOPPER DISCHARGE WITH UL LABELED 1½ HOUR FIRE RATING, MAX. TEMP RISE 250°F, 30 MIN, 24" WIDE X 30 HIGH, TOP HINGED DOOR HELD OPEN BY 165°F FUSIBLE LINK. DOOR FRONT AND BACK PANELS ARE STAINLESS STEEL. UNDERSIDE OF HOPPER TO BE FITTED WITH 2"DRAIN FLANGE FOR CONNECTION BY OTHERS. HOPPER SUPPORTED WITH ADJUSTABLE PEDESTAL.
- (4.) ³/₄" FLUSHING SPRAY HEAD FOR CONNECTION BY OTHERS.
- (5.) 165°F SPRINKLERS TO BE FURNISHED ONLY; INSTALLATION, HOOK-UP BY OTHERS. (SPRINKLERS ARE AT 2ND & 4TH FLOOR INTAKES ONLY.
- 6. HEAVY GAUGE ALUMINUM VENT EXTENDING FULL DIAMETER ABOVE THE ROOF. ALUMINUM HINGED RAIN CAP TOP WITH 1: AIR SPACE AND HOLDOWN SLIPS. HEAVY GAUGE ALUMINUM W/ FLAT PITCHED OR CURBED FLASHING, AS REQUIRED.
- 7. MANUAL DISINFECTING UNIT W/ PROPORTIONING VALVE AT FLUSHING SPRAY HEAD ABOVE TOP INTAKE. 15" X 15" LEFT SIDE HINGED ACCESS DOOR BEARING UL LABEL, ADA LOCKING LEVER HANDLE WITH 2 KEYS. INSTALLATION BY OTHERS. (VACUUM BREAKER, CONTROL VALVE AND BACK FLOW PREVENTER BY OTHERS)



5 CHUTE SECTION KEY
SCALE: N.T.S.

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR

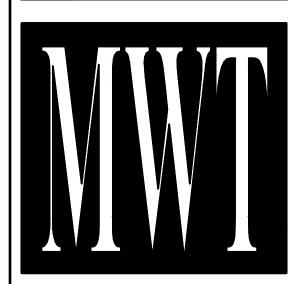
SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.

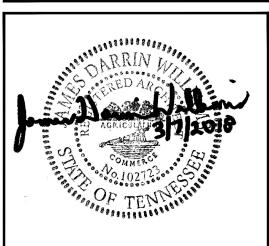
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATIO THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSAR TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.

NO.	DESCRIPTION	DATE	BY
-	ISSUED FOR DEMOLITION	OG/09/17	MV
-	ISSUED TO FRANCHISE	OG/09/17	MV
-	ISSUED FOR BID (ID ONLY)	O7/21/17	MV
-	ISSUED FOR PERMIT	O8/04/17	MV
-	ISSUED FOR PERMIT	O8/04/17	MV
-	ISSUED FOR PERMIT	O3/07/18	AN
-	RE-ISSUED FOR PERMIT	O3/07/18	AN
-	REV. DETAILS ON A700.2	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
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-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK
-	RE-90% FRANCHISE	OG/04/18	AVK



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REPRODUCE THESE DRAWINGS IN ANY WAY

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

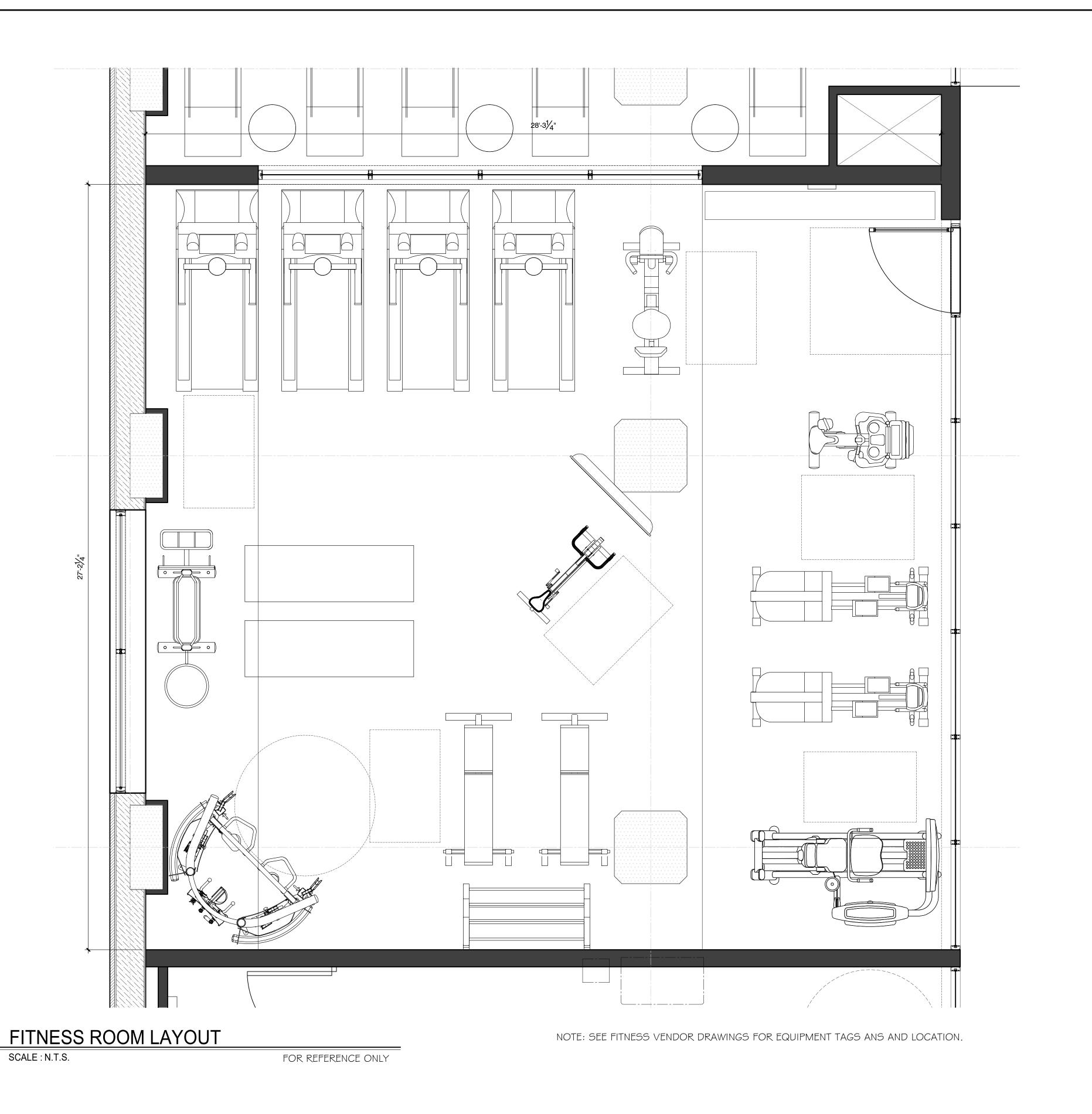
LAUNDRY CHUTE & DETAILS

HEET A478

SECTION @ LAUNDRY CHUTE

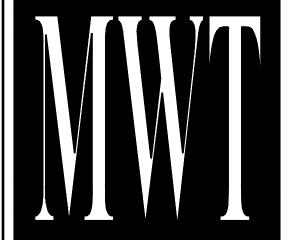
SCALE: 3/8" = 1'-0"

NOT USED SCALE ::

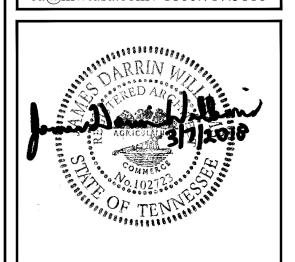


- ISSUED FOR BID (ID ONLY) 07/21/17 MV
- ISSUED FOR PERMIT 08/04/17 MV
- ISSUED FOR PERMIT 10/02/17 MV
- ISSUED FOR PERMIT 11/28/17 MV
- RE-ISSUED FOR PERMIT 03/07/18 AN
- REV. DETAILS ON A700.2 06/04/18 AVK
- RE-90% FRANCHISE COMMENTS 06/04/18 AVK

ISSUED FOR DEMOLITION
ISSUED TO FRANCHISE



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

> FITNESS ROOM LAYOUT

SHEET A479

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.
YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.
YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.
AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

		DOOR	INFORMATI	ON				THRECHOLS	HDWR SET	FRAME	FRAME MARK	NOTES
MARK	ROOM NAME	WIDTH	HEIGH	TYPE	PAIR	MATERIAL	FINISH	THRESHOLD	HDWR SET	TYPE	NUMBER	NOTES
GUESTROO	M LINITS											
A	GUESTROOM ENTRY	3'-0"	8'-0"	DR-001	NO	WDF			T-01	НМ	DF-001	
В	GUESTROOM BATH	3'-2"	8'-0"	DR-002	NO	WDF			T-02	-	-	FINISHED OPENING = 2'-8" V
-		21.611	01.011			WDF			T 02			x 7'-10" H FINISHED OPENING = 2'-8" V
C	GUEST BATH-ACCESSIBLE	3'-6"	8'-0"	DR-002	NO	WDF			T-03	-	-	x 7'-10" H
D	COMMUNICATING DOOR GUESTROOM ENTRY	3'-0"	8'-0"	DR-003	NO	WDF			T-05	HM	DF-001	
E	ACCESSIBLE	3'-0"	8'-0"	DR-001	NO	WDF			T-04	HM	DF-001	
BASEMENT	CTAID (INTEDIOD)	21.011	01.011	DD 017	NO	LINAE	T		T 06	1.154	DE 001	
ST-1A	STAIR (INTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF			T-06	HM MANUF.	DF-001 MANUF.	
001A	CORRIDOR	7'-0"	8'-0"	DR-12	YES	HMF			T-33	STTND.	STND.	
001B	CORRIDOR	7'-0"	8'-0"	DR-12	YES	HMF			T-33	MANUF. STTND.	MANUF. STND.	
002A	UNUSED SPACE				NO							
003A	EMPLOYEE BREAKROOM	3'-0"	7'-0"	DR-004	NO	WDF/GLASS			T-12	НМ	DF-001	LAMINATED TEMPEDED CLAS
004A	WOMEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS			T-08	НМ	-	LAMINATED TEMPERED GLAS w/ INTERLAYER FILM (UV RESISTANT) - 100% OPACITY
0054	MENIC DOOM	21.011	01.01			WIDE ICLASS			T 00			LAMINATED TEMPERED GLAS
005A	MEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS			T-08	HM	-	w/ INTERLAYER FILM (UV RESISTANT) - 100% OPACITY
006A	MECHANICAL ROOM	3'-0"	7'-0"	DR-17	YES	HMF			T-12	НМ	DF-001	
007A	ELECTRICAL / DATA ROOM	3'-0"	7'-0"	DR-17	YES	HMF			T-12	НМ	DF-001	
007B	GENERATOR TOOM BUILDING ENGINEERS				YES							NOT FOUND IN PROTOTYPE
008A	OFFICE	3'-0"	7'-0"	DR-017	NO	HMF			T-12	НМ	DF-001	
009A	STORAGE / TRASH				YES							NOT FOUND IN PROTOTYPE
010A	FIRE PUMP ROOM				NO							NOT FOUND IN PROTOTYPE
010B	WATER ROOM	41	71.0"	DD 1-	YES						DE 25:	NOT FOUND IN PROTOTYPE
011A 011B	LAUNDRY DRYER ACCESS	4'-6" 2'-0"	7'-0" 7'-0"	DR-15 DR-17	NO NO	HMF HMF			T-27 T-32	HM HM	DF-001	
ST-02A	STAIR (INTERIOR)	3'-0"	8'-0"	DR-17 DR-017	NO	HMF			T-06	НМ	DF-001 DF-001	
012A	RECEIVING AREA			51(017					1 00		51 001	NOT FOUND IN PROTOTYPE
FIRST FLOOF	₹								1			
101A	VESTIBULE (EXTERIOR)	12'-0"	8'-0"	DR-008	YES	ALUM./GLASS			T-14	MANUF.	MANUF.STND	AUTOMATIC SLIDING DOOR
										STND. MANUF.	MANUF.STND	SYSTEM AUTOMATIC SLIDING DOOR
101B	VESTIBULE (INTERIOR)	12'-0"	8'-0"	DR-008	YES	ALUM./GLASS			T-14	STND.	·	SYSTEM
103A	LUGGAGE ROOM	3'-0"	7'-0"	DR-017	NO	HMF			T-09	НМ	DF-001	
106A	CORRIDOR (WORK AREA)	3'-0"	8'-0"	DR-003	NO	HMF			T-11	НМ	DF-001	
107A	WORK AREA	3'-0"	7'-0"	DR-004	NO	WDF/GLASS WDF/GLASS			T-12	HM	DF-001	
108A 109A	ROOM MANAGERS OFFICE GENERAL MANAGER OFFICE	3'-0" 3'-0"	7'-0" 7'-0"	DR-004 DR-004	NO NO	WDF/GLASS WDF/GLASS			T-12 T-12	HM HM	DF-001	
110A	STORAGE (G.M. OFFICE)	3-0	7-0	DIC-00-F	NO	WDITGETSS			T-09	11111	DI -001	NOT FOUND IN PROTOTYPE
111A	SPLASH POOL				NO							NOT FOUND IN PROTOTYPE
112A	SPLASH RESTROOM				NO							NOT FOUND IN PROTOTYPE
113A	STAIRS (INTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF			T-06	НМ	DF-001	
113B	STAIRS (EXTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF			T-07	НМ	DF-001	
114A	RE-CHARGE	3'-0"	7'-11 1/4"	DR-006	NO	ALUM./GLASS			T-22	MANUF. STND.	MANUF. STND.	
115A	MEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS			T-08	НМ	_	LAMINATED TEMPERED GLAS W/ INTERLAYER FILM (UV
115A	MEN 3 ROOM	3-0	0-0	DK-010	NO	WDI/GLASS			1-06	ПІМ	_	RESISTANT) - 100% OPACITY
116A	WOMEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS			T-08	НМ	-	LAMINATED TEMPERED GLAS W/ INTERLAYER FILM (UV
1170	CORRIDOR (EVTERIOR)	21 011	71.011	DD 017	NO	LIME			T 15	1.154	DE 001	RESISTANT) - 100% OPACITY
117A	CORRIDOR (EXTERIOR)	3'-0"	7'-0"	DR-017	NO	HMF			T-15	HM MANUF.	DF-001 MANUF.	
118A	CORRIDOR 118	3'-3 1/4"	8'-4 ½"	DR-006	NO	ALUM/GLASS			T-06	STND.	STND.	
121A	KITCHEN	3'-0"	7'-0"	DR-004	NO	WDF/GLASS			T-09	НМ	DF-001	
122A	STORAGE (KITCHEN)	3'-0"	7'-0"	DR-004	NO	WDF/GLASS			T-09	НМ	DF-001	
123A	BOH / SERVICE STORAGE AREA	3'-0"	7'-0"	DR-004	NO	WDF/GLASS			T-09	НМ	DF-001	
123B	BOH / SERVICE STORAGE	3'-0"	8'-0"	DR-005	NO	STAINLESS			T-09	НМ	DF-001	
124A	AREA MECHANICAL ROOM	3'-0"	7'-0"	DR-017	NO	STEEL HMF			T-12	НМ	DF-001	
124A 125A	MECHANICAL ROOM	3'-0"	7'-0"	DR-017	NO	HMF			T-12	НМ	DF-001	
126A	MECHANICAL ROOM	3'-0"	7'-0"	DR-017	NO	HMF			T-12	HM	DF-001	
127A	STORAGE (LOUNGE)	3'-0"	7'-0"	DR-004	NO	WDF/GLASS			T-09	НМ	DF-001	
128A	FIRE COMMAND CENTER				NO							NOT FOUND IN PROTOTYPE
128B	FIRE COMMAND CENTER				NO							NOT FOUND IN PROTOTYPE
ST-1A	STAIR (INTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF			T-06	HM	DF-001	
ST-1B	STAIRS (EXTERIOR)	3'-0"	8'-0"	DR-17	YES	HMF			T-28	HM	DF-001	
ST-2A ST-3A	STAIRS (EXTERIOR) STAIRS (EXTERIOR)	3'-0" 3'-0"	8'-0" 8'-0"	DR-17 DR-017	YES NO	HMF HMF			T-28 T-07	HM HM	DF-001	
SI-3A SECOND FLO		J -U	0 -0	רות-17	INU	1.11415	1		1-0/	11141	ח -001	
205A	SERVICE CORRIDOR				NO							NOT FOUND IN PROTOTYPE
205B	SERVICE CORRIDOR				NO							NOT FOUND IN PROTOTYPE
206A	REFRESH	3'-0"	8'-0"	DR-017	NO	HMF			T-10	НМ	DF-001	
207A	ELECTRICAL ROOM	3'-0"	8'-0"	DR-017	NO	HMF			T-11	НМ	DF-001	
208A	STAIR VESTIBULE	3'-0"	8'-0"	DR-017	NO	HMF			T-06	НМ	DF-001	LAMINATED TO TO TO TO
211A	WOMEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS			T-08	НМ	-	LAMINATED TEMPERED GLAS W/ INTERLAYER FILM (UV
												RESISTANT) - 100% OPACITY LAMINATED TEMPERED GLAS
212A	MEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS			T-08	НМ	-	w/ INTERLAYER FILM (UV
					_							RESISTANT) - 100% OPACIT
213A	THEATRE				NO							NOT FOUND IN PROTOTYPE
214A 214B	STORAGE	טו טוו	7'-0"	DR-017	NO	WIDE			T 12	LIN4	DE 001	NOT FOUND IN PROTOTYPE
214B 215A	STORAGE TACTIC ROOM 'A'	3'-0"	/ -0"	υK-01/	NO YES	WDF			T-12	HM	DF-001	NOT FOUND IN PROTOTYPE
		31.6"	71.0"	DD 222		ALLINA/CLACC			+	MANUF.	MANUF.	I GOIND IN FROIUITPE
215B	TACTIC ROOM 'B'	3'-0"	7'-0"	DR-009	NO	ALUM/GLASS			T-17	STND.	STND.	
217A	MEETING ROOM 'A'	i			YES				1		1	NOT FOUND IN PROTOTYPE

217C	MEETING ROOM 'C'				YES						NOT FOUND IN PROTOTYPE
219A	ATRIUM LOBBY				NO						NOT FOUND IN PROTOTYPE
219B	ATRIUM LOBBY				NO						NOT FOUND IN PROTOTYPE
219C	ATRIUM LOBBY				NO						NOT FOUND IN PROTOTYPE
220A	WOMEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS		T-08	НМ	-	LAMINATED TEMPERED GLASS W/ INTERLAYER FILM (UV RESISTANT) - 100% OPACITY
221A	MEN'S ROOM	3'-0"	8'-0"	DR-016	NO	WDF/GLASS		T-08	НМ	-	LAMINATED TEMPERED GLASS W/ INTERLAYER FILM (UV RESISTANT) - 100% OPACITY
222A	STORAGE / BAR BOH				NO						NOT FOUND IN PROTOTYPE
222B	STORAGE BAR / BOH				NO						NOT FOUND IN PROTOTYPE
225A	MECHANICAL ROOM				YES						NOT FOUND IN PROTOTYPE
226A	MECHANICAL ROOM	3'-0"	7'-0"	DR-017	NO	HMF		T-12	НМ	DF-001	
227A	MECHANICAL ROOM	3'-0"	7'-0"	DR-017	NO	HMF		T-12	НМ	DF-001	
228A	CORRIDOR 210	7'-0"	8'-0"	DR-12	YES	HMF		T-33	MANUF. STTND.	MANUF. STND.	
228B	CORRIDOR 210	7'-0"	8'-0"	DR-12	YES	HMF		T-33	MANUF. STTND.	MANUF. STND.	
ST-1A	STAIRS (INTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF		T-06	НМ	DF-001	
ST-3A	STAIRS (EXTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF		 T-07	НМ	DF-001	
GUEST FLOOR	R - 3RD THRU 12TH FLOOR			•			•				
ST-1A	STAIRS (INTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF		T-06	НМ	DF-001	
X18A	ELECTRICAL ROOM	3'-0"	8'-0"	DR-017	NO	HMF		T-11	НМ	DF-001	
X19A	STAIR VESTIBULE	3'-0"	8'-0"	DR-017	NO	HMF		T-06	НМ	DF-001	
X20A	REFRESH	3'-0"	8'-0"	DR-017	NO	HMF		T-10	НМ	DF-001	
X21A	MECHANICAL ROOM	3'-0"	7'-0"	DR-017	NO	HMF		T-12	НМ	DF-001	
X23A	CLEAN (GUEST LAUNDRY 6TH FLR. ONLY	3'-0"	8'-0"	DR-017	NO	HMF		T-10	НМ	DF-001	
X24A	ICE ROOM	3'-0"	8'-0"	DR-11	NO	ALUM/GLASS		T-11	НМ	DF-001	TEMPERED GLASS W/ ADHESIVE FILM (INTERIOR SIDE)GF-001
X25A	CORRIDOR X17	3'-3 1/4"	8'-4 1/2"	DR-006	NO	ALUM/GLASS		T-06	MANUF. STND.	MANUF. STND.	
X25B	CORRIDOR X17	7'-0"	8'-0"	DR-12	YES	HMF		T-33	MANUF. STTND.	MANUF. STND.	
X26A	CORRIDOR X17	3'-3 1/4"	8'-4 1/2"	DR-006	NO	ALUM/GLASS		T-06	MANUF. STND.	MANUF. STND.	
RETAIL SPACE											
ST-3A	STAIRS (EXTERIOR)	3'-0"	8'-0"	DR-017	NO	HMF		T-07	НМ	DF-001	
R-001A	RETAIL (STOREFRONT)										NOT FOUND IN PROTOTYPE
R-002A	RETAIL (STOREFRONT)										NOT FOUND IN PROTOTYPE
R-002B	RETAIL (REAR)										NOT FOUND IN PROTOTYPE
PENTHOUSE F	FLOOR	•	•			•		•	•		•
1401A-A14	EXTERIOR STORAGE										NOT FOUND IN PROTOTYPE
1402A-A	EXTERIOR STORAGE				NO						NOT FOUND IN PROTOTYPE
1404A	REFRESH	3'-0"	8'-0"	DR-017	NO	HMF		T-10	НМ	DF-001	
1404B	REFRESH	3'-0"	8'-0"	DR-017	NO	HMF		T-10	HM	DF-001	
1405A	MECHANICAL ROOM				YES						
1406A	STORAGE				NO						NOT FOUND IN PROTOTYPE
1406B	STORAGE (EXTERIOR)				NO						NOT FOUND IN PROTOTYPE
1407A	MECHANICAL ROOM (INTERIOR)	3'-0"	7'-0"	DR-017	NO	HMF		T-12	НМ	DF-001	15.55.11.
ST-1A	STAIRS	3'-0"	8'-0"	DR-017	NO	HMF		T-06	НМ	DF-001	
ST-2A	STAIRS	3'-0"	8'-0"	DR-017	NO	HMF		T-06	HM	DF-001	

				REFERENCE NOTES
	NOT FOUND IN PROTOTYPE			
	NOT FOUND IN PROTOTYPE			R TO DESIGN STANDARDS FOR IREMENTS RELATED TO THIS SHEET.
	NOT FOUND IN PROTOTYPE		-	
	NOT FOUND IN PROTOTYPE			R TO THE BUILDING PRODUCT MANUAL FOR DOOR HARDWARE SCHEDULE +
	LAMINATED TEMPERED GLASS w/ INTERLAYER FILM (UV RESISTANT) - 100% OPACITY.		SPECI	FICATIONS AND GLASS + GLASS FILM FICATIONS.
	LAMINATED TEMPERED GLASS W/ INTERLAYER FILM (UV RESISTANT) - 100% OPACITY.	1.	DOOR	GENERAL NOTES
	NOT FOUND IN PROTOTYPE	1.	NOTE	THICKNESS OF ALL DOORS IS 1 3/4" UNLESS D OTHERWISE.
	NOT FOUND IN PROTOTYPE	2.		Y SIZES OF DOORS LEADING INTO ROOMS ING EQUIPMENT, SUCH AS THE LAUNDRY
			ROOM	1 OR THE MECHANICAL ROOM, TO ENSURE
	NOT FOUND IN PROTOTYPE			R IS WIDE ENOUGH TO ALLOW FOR REMOVAL REPLACEMENT OF EQUIPMENT.
001		3.		OLLOW METAL DOORS AND FRAMES TO BE
001			EXTER	RIOR PAINT COLOR TO MATCH ADJACENT
UF. ID.			RIALS. EXTERIOR AND BOTTOMS OF ALL HOLLOW METAL DOORS	
UF.			EXPO:	SED TO WEATHER SHALL BE PAINTED.
ID.		6.	CODE	IDE SAFETY GLASS WHERE REQUIRED BY
001				HARDWARE TO BE CENTERED ON RAIL OF LOORS.
001		8.	HING	E-MOUNTED DOOR STOPS NOT ALLOWED.
		9.		R GUARDS AT THE GUESTROOM ENTRY DOORS IRE A SPACER TO CLEAR THE DOOR TRIM.
001		10.	COOR	DINATE EXTERIOR STOREFRONT DOOR
001				HTS WITH MANUFACTURER'S SYSTEM KNESS DETAIL.
001				
001			ABBR	EVIATIONS & DESCRIPTIONS LEGEND
001		HMF		HOLLOW METAL, FLUSH PANELS
001		WDF	=	WOOD FLUSH PANEL, SOLID CORE (INCLUDES PARTICLE BOARD CORE,
001	TEMPERED GLASS w/ ADHESIVE FILM (INTERIOR SIDE)GF-001			WOOD VENEER FACE, PLASTIC LAMINATE FACE, THERMALLY FUSED FACE (MALAMINE, OPTIONAL) AND VINYL-ACRYLIC FACE)
UF. ID.		MD	20	,
UF.		WDS	אכ	STYLE AND RAIL WOOD, WOOD VENEER FACE
ID.		WDI	ИС	MOLDED WOOD FIBER COMPOSITE,
UF. ID.				PARTICLEBOARD CORE (OPTION FOR

WDF	WOOD FLUSH PANEL, SOLID CORE (INCLUDES PARTICLE BOARD CORE, WOOD VENEER FACE, PLASTIC LAMINATE FACE, THERMALLY FUSED FACE (MALAMINE, OPTIONAL) AND VINYL-ACRYLIC FACE)	
WDSR	STYLE AND RAIL WOOD, WOOD VENEER FACE	
WDMC	MOLDED WOOD FIBER COMPOSITE, PARTICLEBOARD CORE (OPTION FOR WDSR)	
ALUM	ALUMINUM STYLE AND RAIL (STOREFRONT), MEDIUM STYLE, FULLY GLAZED	
	GLAZING SCHEDULE	
refer	to specifications for thickness and type.	
A SAFE	ETY / TEMPERED (typical interior doors)	
B FIRE	RESISTIVE GLAZING (typical stair and fire doors)	
C INSU	JLATED / SAFETY (typical exterior doors)	
D MIRF	ROR	
E UNIC	CEL - VIULITE SL20C (with thumb wheel)	

DESCRIPTION

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

ISSUED FOR DEMOLITION | 06/09/17 | N

- ISSUED TO FRANCHISE 06/09/17 MV

- ISSUED FOR BID (ID ONLY) 07/21/17 MV

- ISSUED TO FRANCHISE 08/17/17 MV

RE-ISSUED FOR PERMIT 03/07/18 AN

REV. DETAILS ON A700.2 06/04/18 AVK

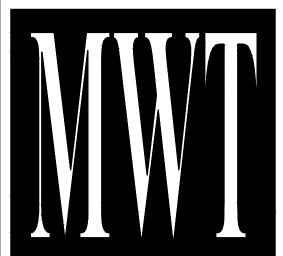
DATE

08/04/17 MV

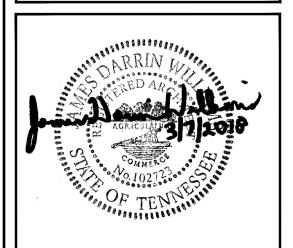
10/02/17 M

| 1 | 28/17 | MV

06/04/18 AVI



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63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY: CHKD. BY: MWT

DOOR SCHEDULE

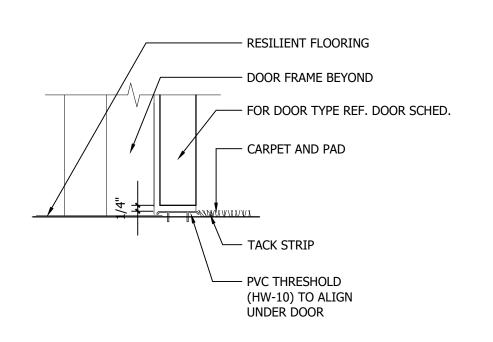
IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

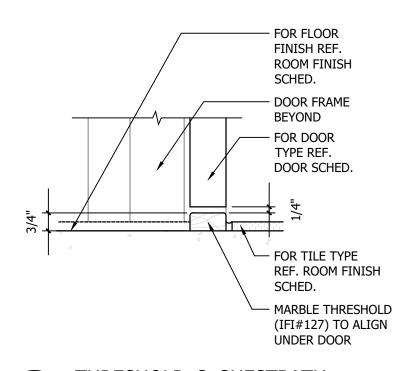
IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS: YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

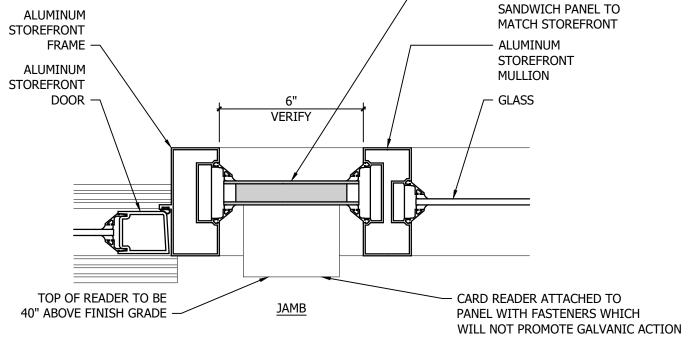
YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.
YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION

THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.

AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.







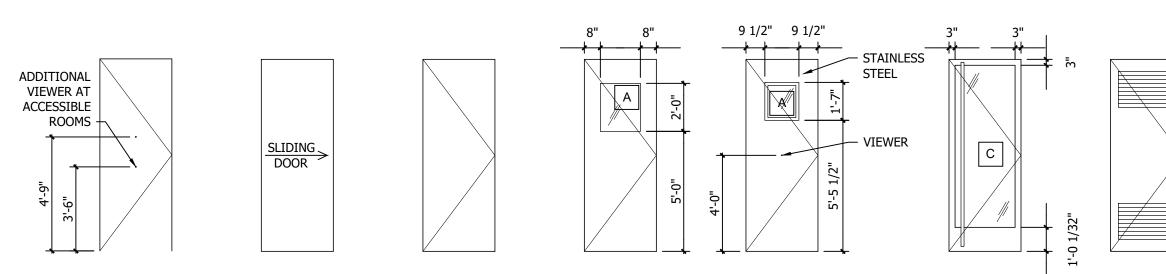
NOTE: ALUMINUM STOREFRONT FRAME SECTIONS SHOWN ARE GENERIC. REFER TO SPECIFIC SYSTEM MANUFACTURERS INSTALLATION SECTIONS AND FRAME DETAILS.



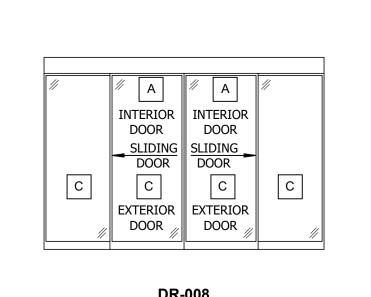


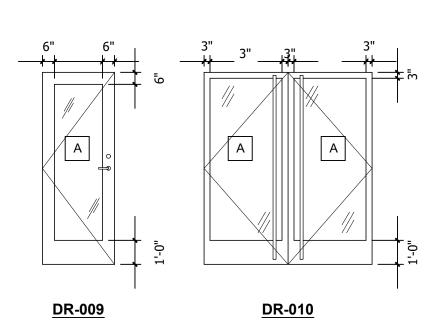
DR-002



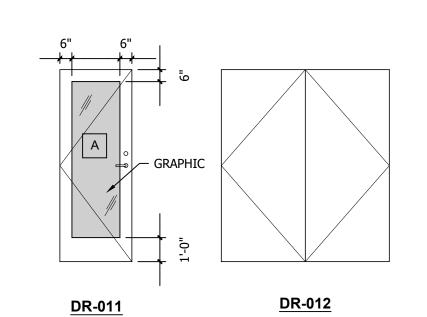


DR-004



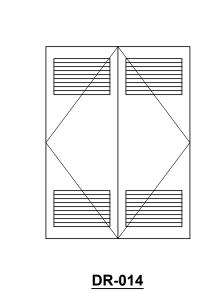


- ALUMINUM INSULATED

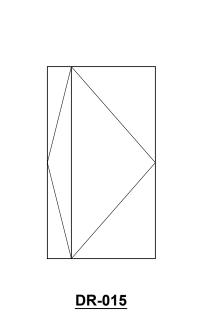


DOOR TYPES

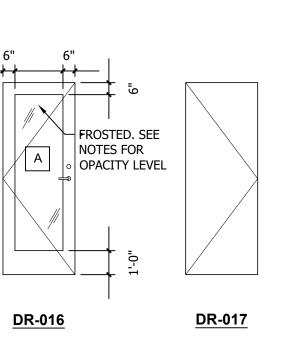
DR-001



DR-003

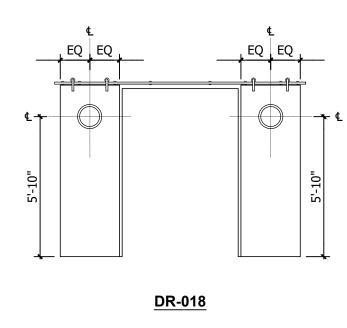


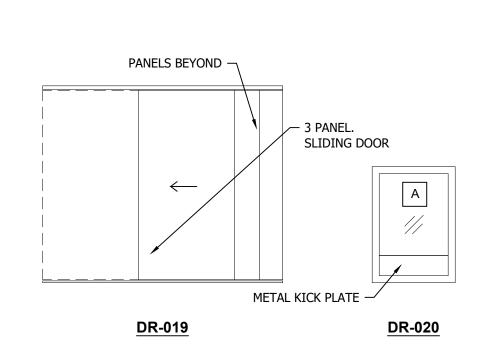
DR-005



<u>DR-007</u>

DR-006





REQUIREME

A. REFER TO DESIGN STANDARDS FOR REQUIREMENTS RELATED TO THIS SHEET.

REFERENCE NOTES

B. REFER TO THE BUILDING PRODUCT MANUAL (BPM) FOR DOOR HARDWARE SCHEDULE + SPECIFICATIONS AND GLASS + GLASS FILM SPECIFICATIONS.

GENERAL NOTES

- 1. DOOR THICKNESS OF ALL DOORS IS 1 3/4" UNLESS NOTED OTHERWISE.
- 2. VERIFY SIZES OF DOORS LEADING INTO ROOMS HOUSING EQUIPMENT, SUCH AS THE LAUNDRY ROOM OR THE MECHANICAL ROOM, TO ENSURE DOOR IS WIDE ENOUGH TO ALLOW FOR REMOVAL AND REPLACEMENT OF EQUIPMENT.
- 3. ALL HOLLOW METAL DOORS AND FRAMES TO BE PAINTED.
- 4. EXTERIOR PAINT COLOR TO MATCH ADJACENT MATERIALS. EXTERIOR
- 5. TOPS AND BOTTOMS OF ALL HOLLOW METAL DOORS EXPOSED TO WEATHER SHALL BE PAINTED.
 6. PROVIDE SAFETY GLASS WHERE REQUIRED BY
- CODE.7. DOOR HARDWARE TO BE CENTERED ON RAIL OF PANEL DOORS.
- PANEL DOORS.
 HINGE-MOUNTED DOOR STOPS NOT ALLOWED.
 DOOR GUARDS AT THE GUESTROOM ENTRY DOORS REQUIRE A SPACER TO CLEAR THE DOOR TRIM.
 COORDINATE EXTERIOR STOREFRONT DOOR
- HEIGHTS WITH MANUFACTURER'S SYSTEM THICKNESS DETAIL.

ABBREVIATIONS & DESCRIPTIONS LEGEND

HMF HOLLOW METAL, FLUSH PANELS

WOOD FLUSH PANEL, SOLID CORE (INCLUDES PARTICLE BOARD CORE, WOOD VENEER FACE, PLASTIC LAMINATE FACE, THERMALLY FUSED FACE (MALAMINE, OPTIONAL) AND VINYL-ACRYLIC FACE)

WDSR STYLE AND RAIL WOOD, WOOD VENEER FACE

WDMC MOLDED WOOD FIBER COMPOSITE, PARTICLEBOARD CORE (OPTION FOR WDSR)

UM ALUMINUM STYLE AND RAIL (STOREFRONT), MEDIUM STYLE, FULLY GLAZED

GLAZING SCHEDULE

refer to specifications for thickness and type.

- A SAFETY / TEMPERED (typical interior doors)
- B FIRE RESISTIVE GLAZING (typical stair and fire doors)
- C INSULATED / SAFETY (typical exterior doors)
- D MIRROR
- E UNICEL VIULITE SL20C (with thumb wheel)



DESCRIPTION

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

RE- 90% FRANCHISE

COMMENTS

RE-ISSUED FOR PERMIT

ISSUED FOR DEMOLITION 06/09/17

ISSUED TO FRANCHISE 06/09/17 1

ISSUED FOR BID (ID ONLY) 07/21/17

ISSUED TO FRANCHISE | 08/17/17 | N

REV. DETAILS ON A700.2 06/04/18 AVI

DATE

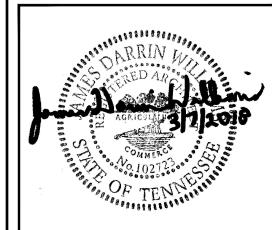
08/04/17

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06/04/18 A\

ARCHITECTURE
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1800.630.3750
CA-SERVICES

ca@mwtusa.com / 1800.717.5816



IT IS A VIOLATION OF THE LAW FOR ANY
PERSON, UNLESS ACTING UNDER THE
DIRECTION OF THE ARCHITECT, TO ALTER OF
REPRODUCE THESE DRAWINGS IN ANY WAY

ALOFT MEMPHIS DOWNTOWN

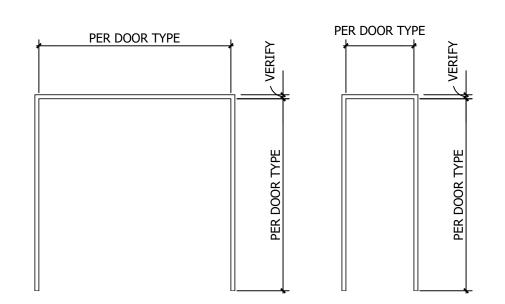
63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

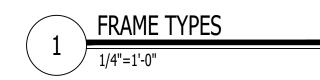
DRAWN BY: CHKD. BY: MWT

DOOR DETAILS

SHEET A600.1



DF-001



DF-002



FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.

YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED

AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

4. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL AND OR PLUMBING DRAWNINGS; ALSO NOTE THESE DRAWNINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWNINGS OR NOT.

TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.

5. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.

DOOR HARDWARE NOTES DOOR HARDWARE TYPES

THE FOLLOWING PRODUCTS & FINISHES ARE THE BASIS OF DESIGN FOR THE STANDARD

PROTOTYPE. ALTERNATE PRODUCTS THAT MEET THE SAME PERFORMANCE AND AESTHETIC

REQUIREMENTS OF THE PRODUCTS LISTED BELOW ARE SUBJECT TO REVIEW & APPROVAL

COORDINATE ALL DOOR HARDWARE COMPONENTS THAT REQUIRE ELECTRICAL POWER

CONNECTING DOOR HW: EACH DOOR MUST HAVE TWO LOCKING DEVICES. PROVIDE A ONE

LONGER DEADBOLT LOCK ON ALL CONNECTING ROOM DOORS. OPERATIONS SHOULD ONLY

WAY, OPERABLE DOOR LEVER LATCH SET, AND A SEPARATE, NON-KEYED, 1" (25MM) OR

VINGCARD IS THE ONLY APPROVED ELECTRONIC RFID LOCKING SYSTEM FOR ALOFT

DAYTIME: EXIT DEVICES ARE DOGGED (ACTIVE LEAF BY TURNING KEYSWITCH WHICH WILL DOG THE "ES" DEVICE ELECTRICALLY: THE INACTIVE LEAF BY MECHANICAL DOGGING.) AND

NIGHTTIME: DOORS ARE NORMALLY LOCKED. ACTIVE DOOR IS UNLOCKED BY PRESENTING CARD KEY TO EXTERIOR WALL MTD. CARD READER WHICH MOMENTARILY RETRACTS LATCH

EACH GRADE LEVEL EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD

EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE" EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE

EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS

EXIT DOORS SHALL BE READILY DISTINGUISHABLE FROM THE ADJACENT CONSTRUCTION AND SHALL

EXIT DOORS SERVING AN OCCUPANT LOAD OF 50 OR MORE SHALL SWING IN THE DIRECTION OF

ALL EXIT DOORS SHALL BE SUCH THAT THEY CAN BE OPENED FROM THE INSIDE WITHOUT KEY, SPECIAL KNOWLEDGE, OR EFFORT. LATCHING MECHANISM SHALL NOT INTERFERE WITH PANIC

FIRE DOORS SHALL HAVE AN APPROVED LABEL OR LISTING MARK, INDICATING THE FIRE

PROTECTION RATING, WHICH IS PERMANENTLY AFFIXED AT THE FACTORY. LABELS FOR FIREDOORS USED TO PROTECT OPENINGS INTO EXIT ENCLOSURES SHALL INDICATE THAT THE TEMPERATURE RISE ON THE UNEXPOSED SURFACE DOES NOT EXCEED 450° F ABOVE AMBIENT AT THE END OF 30

ALL GLAZING IN DOORS SHALL BE LAMINATED SAFETY GLAZING COMPLYING WITH IBC SECTION

SAFETY GLAZING IN DOORS SHALL BE IDENTIFIED BY A PERMANENT LABEL THAT SPECIFIES THE LABELER, WHETHER THE MANUFACTURER OR INSTALLER, AND STATE THAT SAFETY GLAZING

MATERIAL HAS BEEN UTILIZED IN SUCH INSTALLATION. EACH UNIT OF TEMPERED GLASS SHALL BE

ASSEMBLIES. DOORS SHALL BE SELF-CLOSING OR BE AUTOMATIC CLOSING BY ACTION OF A SMOKE DETECTOR PER IBC. DOORS SHALL BE GASKETED TO PROVIDE A SMOKE AND DRAFT SEAL WHERE

FOR AUTOMATIC CLOSING FIRE ASSEMBLIES (DOORS WITH HOLD-OPEN DEVICES), THE CONTRACTOR SHALL COORDINATE ALL THE REQUIREMENTS FOR ALARM INTERCONNECTION AND POWER OUTAGE

PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION SHALL BE ETCHED OR

DOORS AT CORRIDORS SHALL BE PROTECTED BY TIGHT-FITTING SMOKE AND DRAFT CONTROL

EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STAIRWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS

BE POSSIBLE ON ROOM SIDE ONLY WITH BLANK FLUSH PLATES BETWEEN DOORS.

ALL HARDWARE TO BE FINISHED US26D BRUSHED CHROME

ON "ES" DEVICE. EGRESS IS ALWAYS POSSIBLE FROM THE INSIDE.

WITH THE ELECTRICAL DRAWINGS. REFER TO DV DRAWINGS FOR SECURITY

BY STARWOOD PRIOR TO USE.

BRAND (SMART CHECK-IN).

GENERAL EXIT DOOR NOTES

DOORS ARE "PUSH/PULL".

A. "EXIT STAIR DOWN"
B. "EXIT RAMP DOWN"
C. "EXIT STAIR UP"
D. "EXIT RAMP UP"

WORDS "EXIT ROUTE"

BE EASILY RECOGNIZABLE AS EXIT DOORS.

GENERAL FIRE DOOR NOTES

THE DOOR MEETS THE STOOP ON SIDES AND TOP.

FIRE DOORS SHALL BE SELF-CLOSING WITH AUTOMATIC LATCH.

CERAMIC FIRED ON THE GLASS AND BE VISIBLE WHEN THE UNIT IS GLAZED.

OR HEAT ACTIVATED AUTOMATIC RELEASE REQUIREMENTS (IBC 715.3.7.2)

6. ALL RATED DOUBLE DOORS SHALL HAVE A COORDINATOR AND ASTRAGAL

HARDWARE WHERE IT IS REQUIRED

MIN. OF FIRE EXPOSURE.

"TO EXIT"

REQUIREMENTS.

NOTE:

OPERATION:

HARDWARE SET	ITEM DESCRIPTION	MODEL NUMBER	MANUFACTURER	HARDWARE SET	ITEM DESCRIPTION	MODEL NUMBER	MANUFACTURER	HARDWARE SET	ITEM DESCRIPTION	MODEL NUMBER	MANUFACTURER
T-01 Gue	stroom Entry Door			HW-040	1 Surface Closer	CLP8501M x 689	Norton	HW-028	1 Threshold	171A	PEMKO
IW-001 IW-002	1 Surface Closer 3 Hinges	2701 689 TA2714 US26D	Yale McKinney	HW-017	Gasketing 1 Kick Plate	S773BL K1050 8"H x 1" LDW 4BE CSK US32D	PEMKO Rockwood		1 Gasketing Set	To Be Provided by Alum Door Supplier	
W-003	1 Electronic Lock	Essence RFID 4-Switch Lock x Straight Lever x	Vingcard/Onity/Saflock	1100-017	1 Note Late	K1000 0 11X 1 EDW 4BE COK 0002B	Nockwood	T-22 Rech	narge and Splash (Single)		
		US26D Satin (Brushed) Chrome	· · · · · · · · · · · · · · · · · · ·		•	ical Engineer, Mechanical, Work Area, Da		HW-019	1 Pivot Set	547 x 626	Rixson
IW-004 IW-005	1 Door Stop 1 Door Guard	RM860 x US26D PDL DCRM	Rockwood Rockwood	HW-002	3 Hinges	TA2714; 4.5" x 4.5" x US26D	McKinney	HW-020 HW-021	Intermediate Pivot Overhead Closer	M190 x 626 0608 x 626	Rixson Rixson
W-006	1 Viewer with Privacy Cover 627 CRM		Rockwood	HW-003	1 Electronic Lock	Essence RFID 4-Switch Lock x Straight Lever > US26D Satin (Brushed) Chrome	x Vingcard	HW-022	1 Surface Overhead Stop	8 x 36 626	Rixson
W-007	1 Gasketing	S773BL	PEMKO	HW-016	1 Surface Closer	8501M x 689	Norton	HW-023	1 Deadbolt Mortise	MS1850S x 628	Adams Rite
W-008 W-009	Automatic Door Bottom Protection Plate	PDB411AE 605 US26D	PEMKO Rockwood	HW-017	1 Kick Plate	K1050 x US32D; 8" x 2" LDW x 4BE x CSK	Rockwood	HW-024	1 Cylinder	AS REQUIRED x 626	Yale
W-010	1 Threshold	236A	PEMKO	HW-004	1 Door Stop	RM850 x US32D	Rockwood	HW-027	1 Door Pull	RM3302 x Type 5 x Full Height, Stainless Stee	el Rockwood
T 00 Cue	otroom Both Cliding Door			HW-038	3 Silencers	608	Rockwood	HW-028	1 Threshold	171A	PEMKO
1-02 Gue: -1W-011	stroom Bath Sliding Door 1 Sliding Door Track	2610F Series Wall Mount Open	Johnson	T-13 OUTI	OOOR POOL GATE				1 Weather- Stripping	To Be Provided by Alum Door Supplier	
⊣W-042	2 Stainless Steel Flush Pulls	89IN16228170 US32D	Richelieu		Hinges	Gate Manufacturer to Furnish		T 22 1 D a	alanuma and Culada (Davible		
T-03 Acce	essible Guestroom Bath Slic	dina Door		HW-052	1 Exit Device	Signature RFID 4 Switch Exit Device x Straight	t Vingcard	1-22.1 Ke HW-019	charge and Splash (Double 2 Pivot Set	5) 547 x 626	Rixson
HW-011	1 Sliding Door Track	2610F Series Wall Mount Open	Johnson			Lever US26D		HW-020	2 Intermediate Pivot	M190 x 626	Rixson
HW-012	2 Stainless Steel Pulls	RM2150 X 8 Mtg-Type 5HD US32D	Rockwood	** Note: Latch	Closing Device to be childproof	Gate Manufacturer to Furnish		HW-021	2 Overhead Closer	0608 x 626	Rixson
T-04 Gue	stroom Entry Door ADA				•	y Operated Card Device. Bar can be cut down to width/	/size in field. Dimension of inside	HW-022	2 Surface Overhead Holder stop	8 x 36 626	Rixson
HW-001	1 Surface Closer	2701 689	Yale	latch are 2-		, , , , , , , , , , , , , , , , , , , ,		HW-023	1 Mortise Deadbolt	MS1850S x 628	Adams Rite
HW-002	Hinges	TA2714 US26D Essence RFID 4-Switch Lock x Straight Lever x	McKinney	T 14 VECT				HW-024	1 Cylinder	AS REQUIRED x 626	Yale
HW-003	1 Electronic Lock	US26D Satin (Brushed) Chrome	Vingcard/Onity/Saflock		IBULE/ENTRY (INTERION 1 Cylinder	OR/EXTERIOR) AS REQUIRED x US15	Yale	HW-025	1 Flushbolt	2842 x US32D	Rockwood
HW-004	1 Door Stop	RM860 x US26D	Rockwood	1100-024		Door Manufacturer to Furnish All Remaining	. 5.10	HW-026	1 Dust Proof Strike	570 x US26D	Rockwood
HW-005 HW-006	1 Door Guard 2 Viewer with Privacy Cover 627 CRM	PDL DCRM M	Rockwood Rockwood		1 NE	Hardware		HW-027	1 Pull	RM3320 x Type 5 x Full Height x US32D	Rockwood
W-007	1 Gasketing	S773BL	PEMKO		D.O.C. D. C. C.			HW-028	1 Threshold	171A	PEMKO
IW-008 IW-009	Automatic Door Bottom Protection Plate	PDB411AE 605 US26D	PEMKO Rockwood		RIOR DOOR	TA 2744 A 4/2" v 4 4/2" v LICOCD	McKinnov		1 Weather- Stripping	To Be Provided by Alum Door Supplier	
HW-009 HW-015		NOT USED		HW-002 Hinge	25	TA2714 4 1/2" x 4 1/2" x US26D	McKinney	T-23 Liner	n Chute		
HW-010	1 Threshold	236A	PEMKO	HW-003	1 Electronic Lock	Essence RFID 4 Switch Lock x Straight Lever US26D	Vingcard	HW-002 Hing		TA2714; 4.5" x 4.5" x US26D	McKinney
[-05 Con	necting Guestroom Door			HW-034	1 Surface Closer	UNI8501 M x 689	Norton		1 Latchset	PB5401LN x 626	Yale
HW-001	2 Surface Closer	2701 689	Yale	HW-028	1 Threshold	171A	PEMKO	HW-016	1 Surface Closer 1 Kick Plate	8501M x 689 K1050 x US32D; 8" x 2" LDW x 4BE x CSK	Norton Rockwood
HW-002	6 Hinges	TA2714 US26D	McKinney	HW-035	1 Set Gasketing	S88BL	РЕМКО	HW-004	1 Door Stop	406, US26D	Rockwood
HW-013	Deadbolts Communicating Passage	D142 x 626	Yale	HW-029	1 Door Sweep	345ANB	РЕМКО	HW-038	3 Silencers	608	Rockwood
HW-014	Latch	TY-R4-RL228 x 626	Yale	T-16 NOT	LISED			HW-054	1 EM Holder	FM998 689	Rixson
HW-004 HW-007	2 Door Stops 2 Gasketing Sets	RM860 x US32D S773BL	Rockwood PEMKO	1 10 10 1	OSLD			T-24 Fmn	lovee Water Closet, Splash	Water Closet (Employee water closet	t to have no door clo
HW-008	2 Automatic Door Bottom	PDB411AE	PEMKO	T-17 Tacti	•			HW-002 Hing		TA2714; 4.5" x 4.5" x US26D	McKinney
IW-010	2 Threshold	236A	PEMKO	HW-002	3 Hinges	TA2714 4.5" x 4.5" x US26D	McKinney	HW-018	1 Lockset	PB5402LN x 626	Yale
_06 Evit	Stair Door (betwen corridor	& fire stairs)		HW-003	1 Electronic Lock	Essence RFID 4-Switch Lock x Straight Lever x	x Vingcard	HW-016	1 Surface Closer	8501M x 689	Norton
-06 EXIL 	4 Hinges	T4A3786, 4.5" x 4.5" x US26D	McKinney	HW-016	1 Surface Closer	US26D Satin (Brushed) Chrome 8501M x 689	Norton	HW-004	1 Wall Stop 3 Silencers	406, US26D 608	Rockwood Rockwood
IW-041	1 RIM Exit Device	12-8815 x ETMV x US32D	Sargent	HW-004	1 Door Stop	406, US26D	Rockwood	1 144-020	- GROTIOGIS		, CORWOOL
HW-016	1 Surface Closer	8501M x 689	Norton	HW-038	3 Silencers	608	Rockwood	T-27 Laur	•		
1W-017	1 Kick Plate	K1050 x US32D; 8" x 1" LDW x 4BE x CSK	Rockwood		_			HW-002 Hing		TA2714; 4.5" x 4.5" x US26D	McKinney
W-004 W-035	1 Door Stop 1 Gasketing Set	406, US26D S88BL	Rockwood PEMKO			ecure Door (Corridor to Pool)		HW-043 HW-026	1 Flush Bolt 1 Dust Proof Strike	555 (12"-24" as required) 570 x US26D	Rockwood Rockwood
	•	• •	2	HW-019	2 Pivot Sets	547 x 626	Rixson			Essence RFID 4 Switch Lock x Straight Lever	
	it Stair Door			HW-020 HW-021	2 Intermediate Pivots 2 Concealed Closer	M190 x 626 0608 x 626	Rixson Rixson	HW-003	1 Electronic Lock	US26D	Vingcard
•	kable trim replace exit device with the	following : 12-8813 x ETMV x US32D	Sargent	HW-022	2 Surface Overhead Stop	8 x 36 630	Rixson	HW-040	2 Surface Closer	CLP8501 M x 689	Norton
HW-037 HW-032	1 Exit Device 1 Cylinder	12-8813 x ETMV x US32D 2153 x 626	Sargent Yale	HW-027	2 Door Pull Pairs	RM33020 x Type 5 x Full Height, Stainless Ste		HW-009 HW-038	2 Silencer 1 Astragal	608 356AV	Rockwood PEMKO
	·					· · · · · · · · · · · · · · · · · · ·			· ·		. LWING
	ior Stair Door and BOH Exte	, - ,		HW-028	1 Threshold	171A To be provided by Alum Deer Supplier	PEMKO		erior Stair Door and BOH E	• •	
IW-030	1 Continuous Hinge	CFM SLK-HD1 CL	PEMKO Sargent		1 Weather - Stripping	To be provided by Alum Door Supplier		HW-030	2 Continuous Hinge	CFM SLF-HD1 CL	PEMKO
IW-031 IW-032	1 RIM Exit Device 1 Cylinder	8804 2153 x 626	Sargent Yale	** Note: If not	exterior doors eliminate threshol	ld, sweep and weather-strip.		HW-043	1 Flush Bolt 1 Dust Proof Strike	555 (12"-24" as required) 570 x US26D	Rockwood Rockwood
HW-033	1 Electric Strike	7000 LBM 630	HES					HW-044	1 Storeroom or Closet Lock	PBR 8805 FL	Yale
HW-034	1 Surface Closer	UNI8501M x 689 Metal Cover	Norton			Single Door) (Splash to Backyard)		HW-040	2 Surface Closer	CLP8501 M x 689	Norton
W-017	1 Kick Plate	K1050; 8" x 1" LDW x 4BE x CSK	Rockwood	HW-019	1 Pivot Sets	547 x 626	Rixson	HW-028	1 Threshold	171A	PEMKO
IW-028	1 Threshold	171A	PEMKO	HW-020 HW-021	1 Intermediate Pivots1 Surface Overhead Stop	M190 x 626 0608 x 626	Rixson Rixson	HW-045 HW-029	1 Gasketing 2 Door Sweep	2891 APK 345ANB	PEMKO PEMKO
W-029 W-035	1 Door Sweep 1 Gasketing Set	29326CNB; Anodized Finish S88BL	PEMKO PEMKO	HW-022	1 Surface Overhead Stop	8 x 36 630	Rixson	HW-046	1 Astragal	357SP	PEMKO
IW-035	1 Card Reader	Essence RFID Remote Reader	Ving	HW-023	1 Mortise deadlock	MS1850S x 628	Adams Rite	T 00 5	F F		
			-	HW-024	1 Cylinder	AS REQUIRED x 626	Yale		Equipment, Electrical	TA0744. 4 5" v. 4 5" v. 10000	Mal/imm
	ic Restroom	TAOT// / 5" / 5"	M 10	HW-027	1 Door Pull Pairs	RM3302 x Type 5 x Full Height, Stainless Stee	l Rockwood	HW-002 Hing HW-018	1 Storeroom Lockset	TA2714; 4.5" x 4.5" x US26D PB5405LN x 626	McKinney Yale
W-002 W-027	3 Hinges 2 Door Pull Pairs	TA2714 4.5" x 4.5" x US26D RM3302 x Type 5 x Full Height, US 32D	McKinney Rockwood	HW-028	1 Threshold	171A	PEMKO	HW-047	1 Surface Closer	CLP8501-T M x 689	Norton
V-027 V-016	1 Surface Closer	8501M x 689	Norton		1 Weather - Stripping	To Be Provided by Alum Door Supplier	PEMKO	HW-028	1 Threshold	171A	PEMKO
V-010 V-004	1 Door Stop	406, US26D	Rockwood	** Note: If doo	rs are required for egress, remo	ve flush bolts and deadbold. Use magnetic locks option	1.	HW-035	1 Set Gasketing	S88BL 3/15ANR	PEMKO
V-038	3 Silencers	608	Rockwood	T 20 Esta	ior Storofront Society /F	Jouhla Door) (Splach to Exterior)		HW-029	1 Door Sweep	345ANB	PEMKO
00 801	Koved Deen ()	wago Day Characa E. La C.C.		1-20 Exter HW-019	IOr Storefront Secure (L 2 Pivot Sets	Double Door) (Splash to Exterior) 547 x 626	Rixson	T-32 Drye	er Access		
-09 BOH W-002	Keyed Door (Luggage, Sto 3 Hinges	rage, Bar Storage, Food Prep & Stora TA2714; 4.5" x 4.5" x US26D	I ge) McKinney	HW-020	2 Intermediate Pivots	M190 x 626	Rixson	HW-002 Hing		TA2714 US26D	McKinney
. 552	J900		,	HW-021	2 Overhead Concealed Closer		Rixson	HW-048 HW-017	1 Lockset 1 Kick Plate	PB5407LN x 626 K1050 x US32D/ 8" x 1" LDW x 4BE x CSK	Yale Rockwood
V-003	1 Electronic Lock	Essence RFID 4-Switch Lock x Straight Lever x US26D Satin (Brushed) Chrome	Vingcard	HW-022	2 Surface Overhead Stop	8 x 36 630	Rixson	HW-004	1 Door Stop	406, US26D	Rockwood
V-016	1 Surface Closer	8501M x 689	Norton	HW-023 HW-024	Mortise Deadbolt Cylinder	MS1850S x 628 AS REQUIRED x 626	Adams Rite Yale	HW-038	3 Silencer	608	Rockwood
N-017	1 Kick Plate	K1050 x US32D; 8" x 1" LDW x 4BE x CSK	Rockwood	HW-025	1 Flushbolt	2842 x US26D	Rockwood	T-33 Cross	s Corridor		
V-004	1 Door Stop	406, US26D	Rockwood	HW-026	1 Dust Proof Strike	570 x US26D	Rockwood	HW-041 Hing		T4A3786 US26D	McKinney
V-038	3 Silencers	608	Rockwood	HW-027	1 Door Pull Pairs	RM3302 x Type 5 x Full Height, Stainless Stee	l Rockwood	HW-049	2 Exit Device	12 NB8715 x ETG x US32D	Sargent
-10 R∩⊔	Clean Door and Elevator Ma	achine Room		HW-028	1 Threshold	171A	PEMKO	HW-016	2 Surface Closer	P8501 M x 689	Norton
-10 DOI1	3 Hinges	TA2714; 4.5" x 4.5" x US26D	McKinney	HVV-028	1 Weather - Stripping	To Be Provided by Alum Door Supplier	PEMKO	HW-050	2 EM Holders	FM996	Rixson
	-	Essence RFID 4-Switch Lock x Straight Lever x	,	** Note: If doc	• • •	ove flush bolts and deadbold. Use magnetic locks option		HW-017 HW-028	2 Kick Plate 1 Threshold	K1050 x US32D/ 8" x 1" LDW x 4BE x CSK 171A	Rockwood PEMKO
W-003	1 Electronic Lock	US26D Satin (Brushed) Chrome	Vingcard					HW-035	1 Set Gasketing	S88BL	PEMKO
W-016	1 Surface Closer	8501M x 689	Norton		-	gle Door) Exterior Tactic Door	D:	HW-051	1 Set Meeting Stiles	297AS	PEMKO
W-017	1 Kick Plate	K1050 x US32D; 8" x 1" LDW x 4BE x CSK	Rockwood	HW-019	1 Pivot Set 1 Intermediate Pivot	547 x 626 M190 x 626	Rixson Rixson	T-34 Clidir	ng Barn Door at Tactic (Lis	tenina Room)	
W-004	1 Wall Stop	406, US26D	Rockwood	HW-020	1 Overhead Closer	M190 x 626 0608 x 626	Rixson		r specification DR-018 for door hard		
N-038	3 Silencers	608	Rockwood	HW-022	1 Surface Overhead Stop	8 x 36 626	Rixson				
11 001	Clean Ico Doom Dofrock	Flectrical at Guest Lovel			1 RIM Exit Device	AD8504 Less Pull x US32D	Sargent		ng Barn Door at Tactic (in 1 r specification DR-019 for door hard		
	Clean, ICE KOOIII, KEITESII,	Electrical at Guest Level		HW-024	1 Cylinder	AS REQUIRED x 626	Yale	ויבובו וח ממס	י ארפיייפייר ואו אוסטן אוסטן אריי אריי אוסטן אוסטן איי איי	ware apcomoation	
V-002	3 Hinges	TA2714; 4.5" x 4.5" x US26D	McKinney	1100-02-4	1 Cyllindel	RM3302 x Type 5 BTB Mounting x MP x Full	Tale				

Height, Stainless Steel

HARDWARE SCHEDU

HW-003 1 Electronic Set

Essence RFID 4-Switch Lock x Straight Lever x

US26D Satin (Brushed) Chrome

Vingcard

IMPORTANT NOTICE TO ALL CONTRACTORS AND OR SUBCONTRACTORS: (COMPLETE BUILDING SYSTEMS AND OR INSTALLATIONS)

IF AWARDED A CONTRACT FOR ANY PORTION OF WORK NEEDED TO COMPLETE THIS PROJECT YOU ARE AGREEING TO THE FOLLOWING TERMS:

1. YOU ARE A QUALIFIED CONTRACTOR AND OR SUBCONTRACTOR SPECIFICALLY IN PROVIDING A COMPLETE TURNKEY SERVICE IN YOUR TRADE OR PROFESSION FOR THE TYPE OF WORK AND SCOPE FOR THIS PROJECT.

2. YOU AGREE TO PROVIDE A COMPLETE DESIGN BUILD SOLUTION BASED ON THE ARCHITECTS INTENDED DESIGN FOR THIS PROJECT.

3. YOUR BID INCLUDED ALL THE STEPS, PROCESSES, MATERIALS, PRODUCTS, GOVERNING PERMITS AND APPROVALS NECESSARY TO PROVIDE A COMPLETED AND WARRANTED SYSTEM OR INSTALLATION THAT DOES NOT REQUIRED ANOTHER CONTRACTOR OR PRODUCT TO COMPLETE YOUR SCOPE OF WORK.

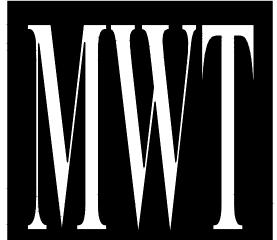
4. YOUR BID MUST HAVE INCLUDED ANY DESIGN INFORMATION REFERENCED WITHIN ANY CIVIL. ARCHITECTURAL. STRUCTURAL. MECHANICAL. ELECTRICAL

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AND OR PLUMBING DRAWINGS; ALSO NOTE THESE DRAWINGS ARE SCHEMATIC AND ARE INTENDED TO SHOW ONLY BASIC CONCEPTS AND GENERAL INFORMATION
THE COMPLETION OF YOUR WORK MAY INCLUDE OTHER STEPS, PROCESSES, MATERIALS, PRODUCTS, LABOR, GOVERNING PERMITS AND OR APPROVALS NECESSARY
TO PROVIDE A COMPLETE SYSTEM INSTALLATION WHETHER SUGGESTED ON THE DRAWINGS OR NOT.

5. AS AN EXAMPLE: ITEMS AND OR TASKS LIKE; FIRE CAULK, DRAFT STOPS, FASTENERS, ANCHORS, EMBEDMENTS, DUMPSTERS, DEBRIS CLEAN UP, ETC. ARE YOUR RESPONSIBILITY. ANY WORK NOT COMPLETED IN A TIMELY MANNER, OR INCOMPLETE WORK WILL BE BILLED BACK TO THE CONTRACTOR AND OR SUBCONTRACTOR, AT THE OWNERS' DISCRETION.



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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 04-12-2019

DRAWN BY:

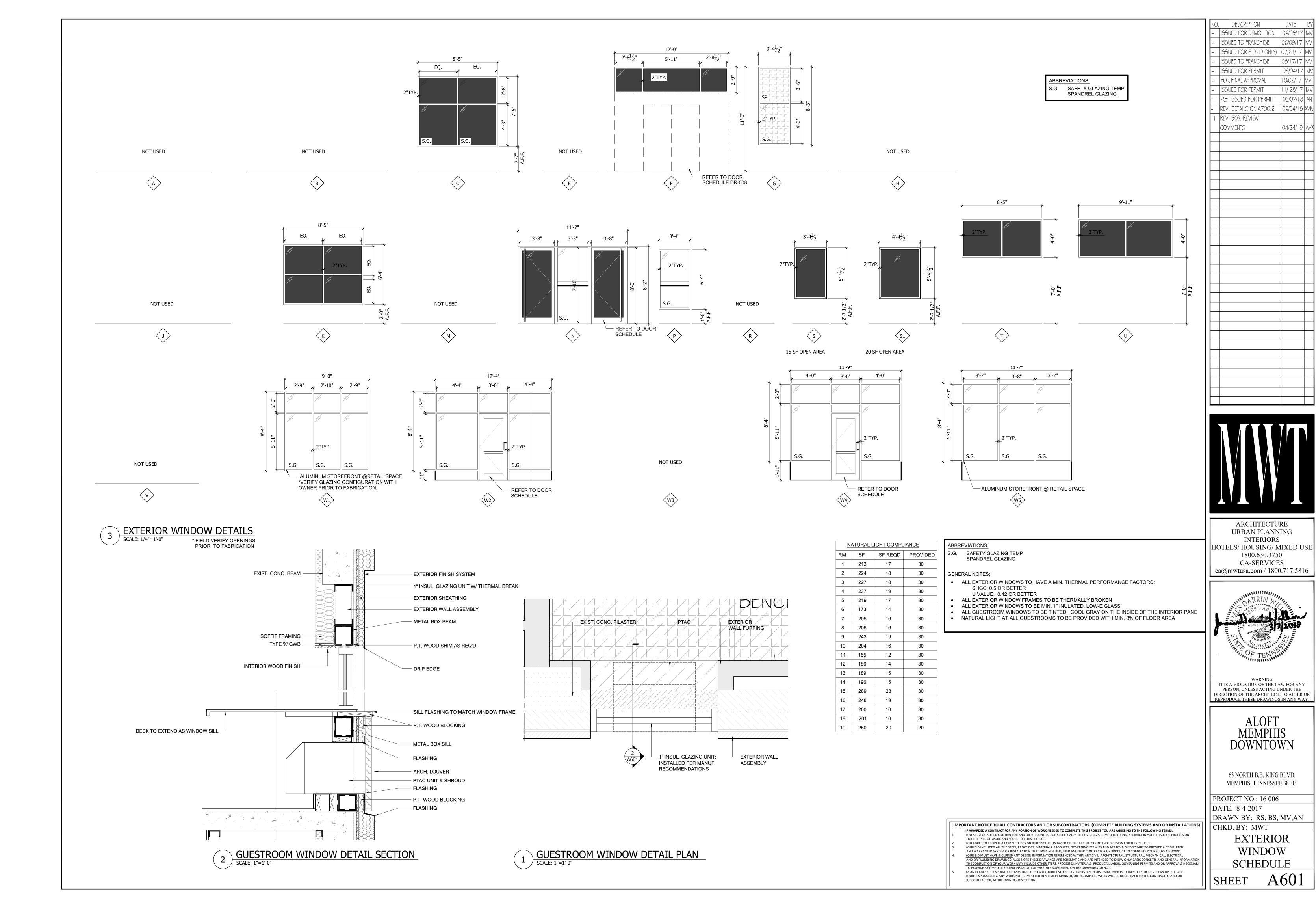
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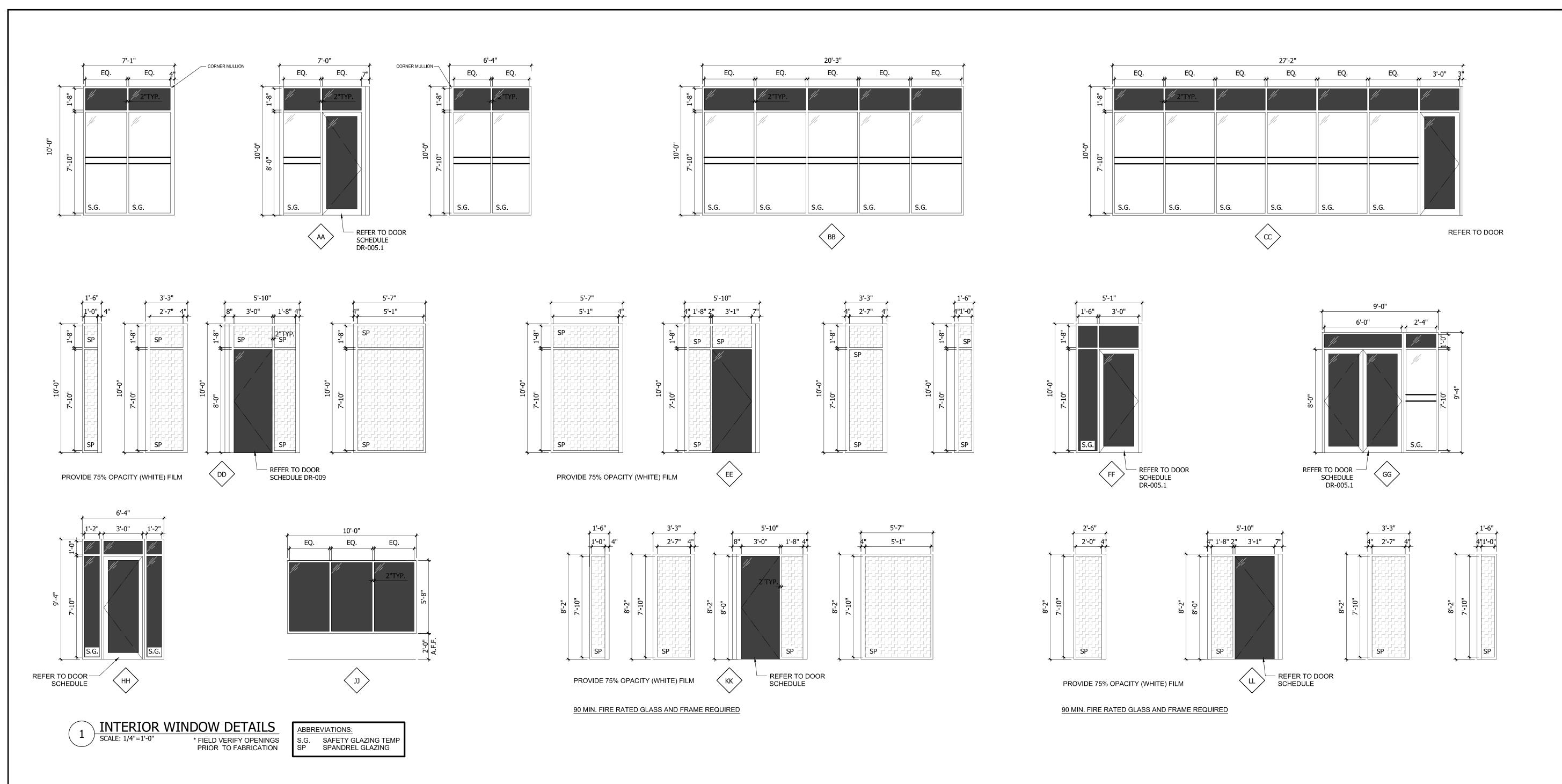
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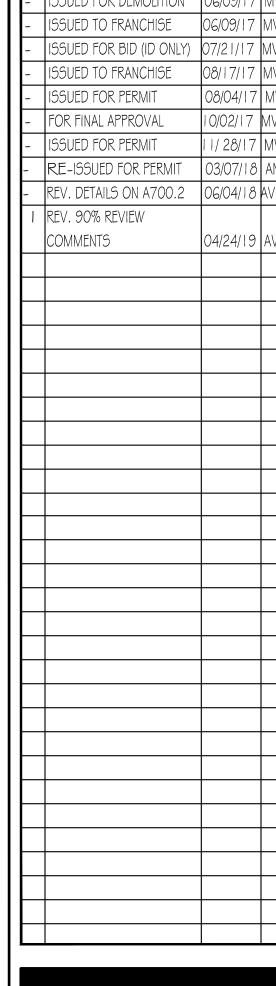
& HARDWARE

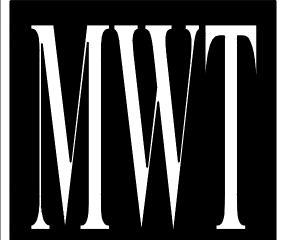
SCHEDULE

| SHEET A600.2

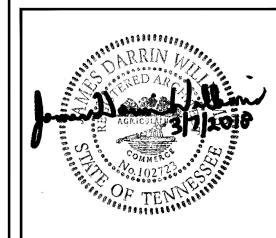








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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017

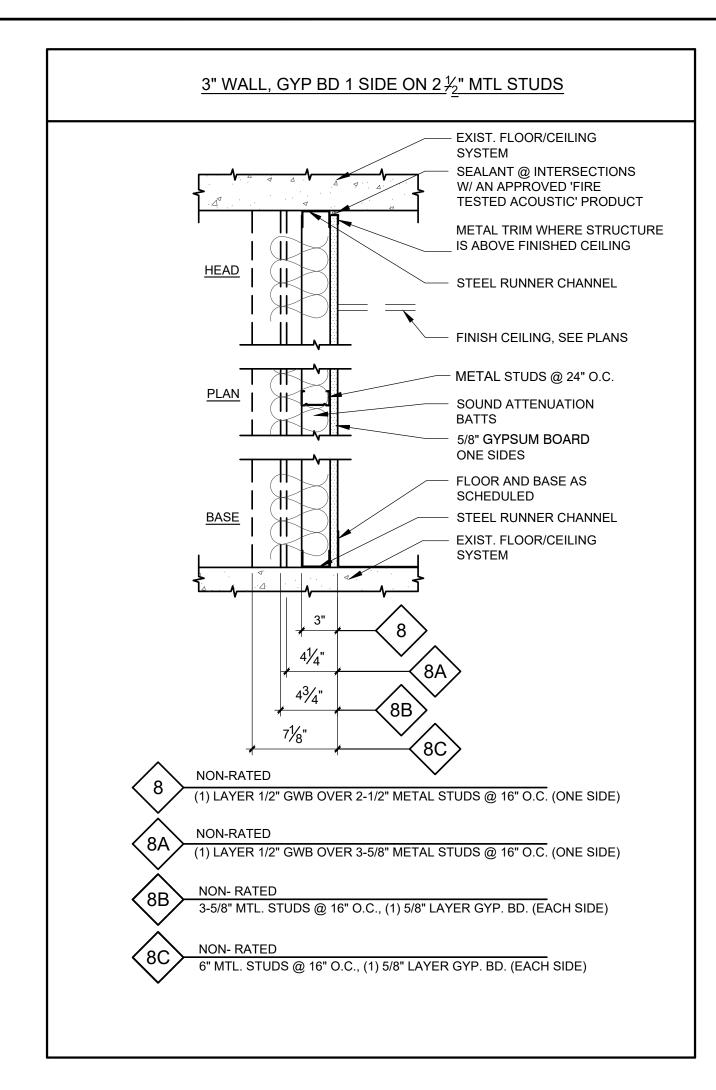
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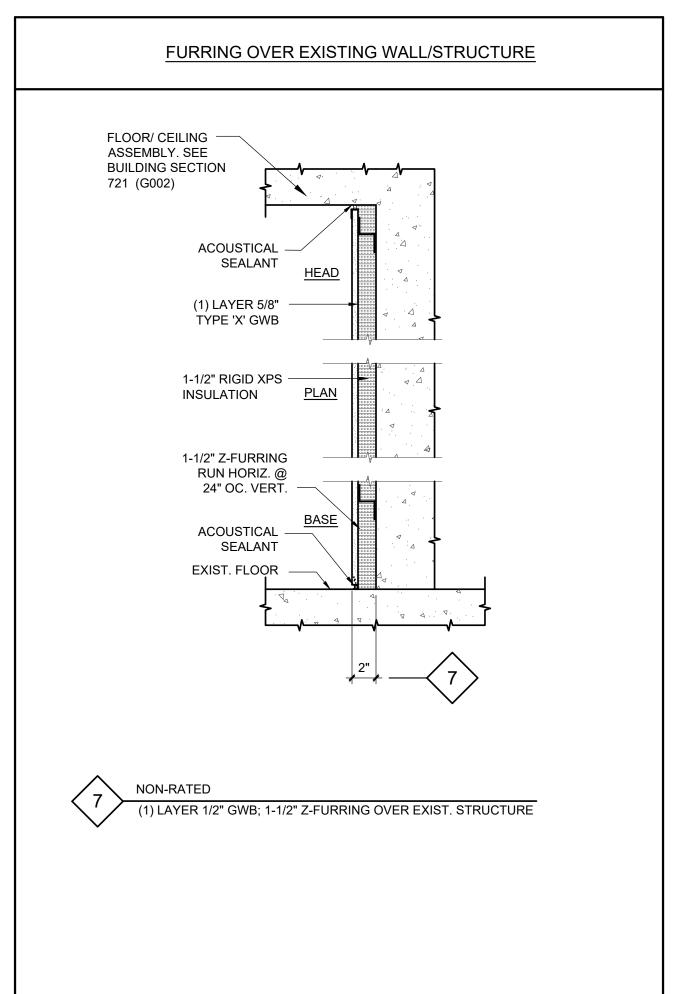
INTERIORWINDOW **SCHEDULE**

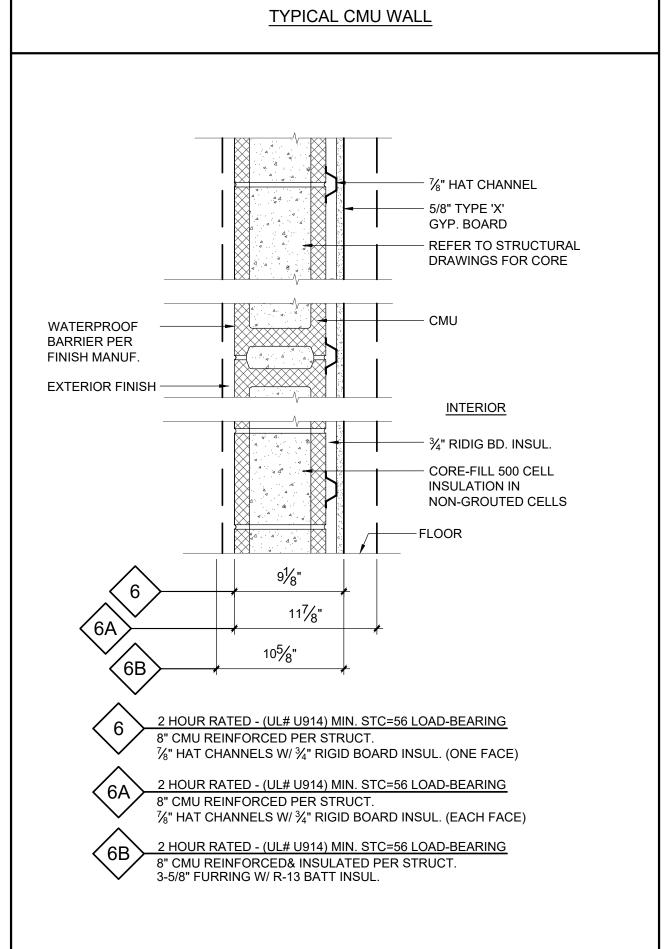
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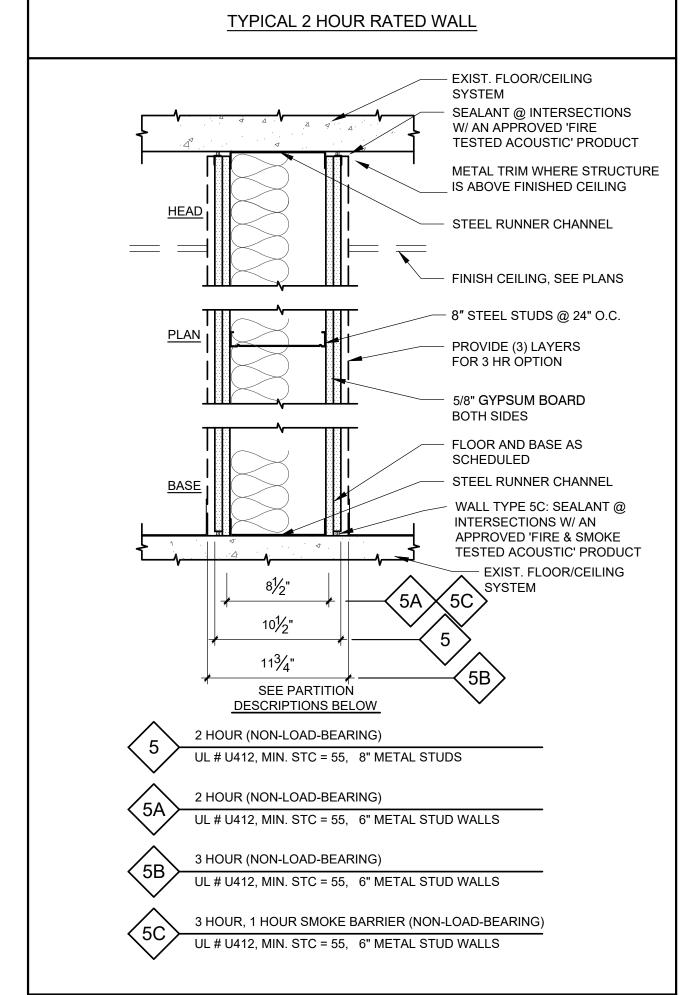
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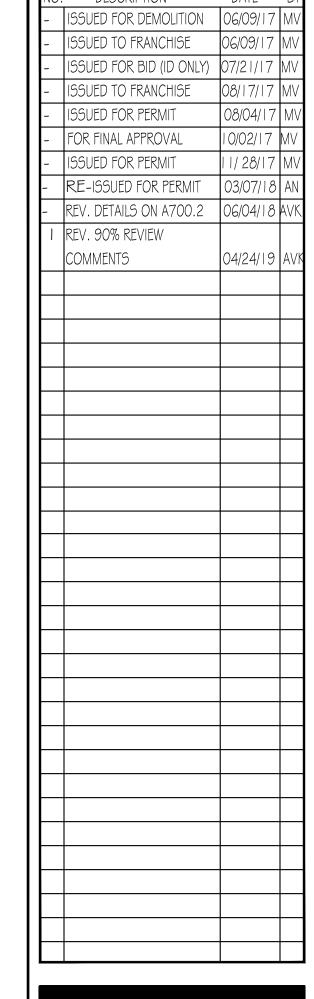
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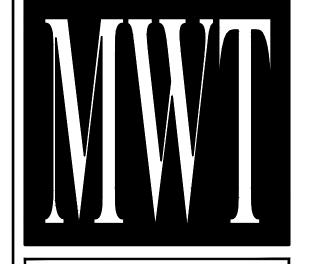




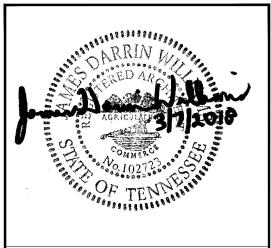








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63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

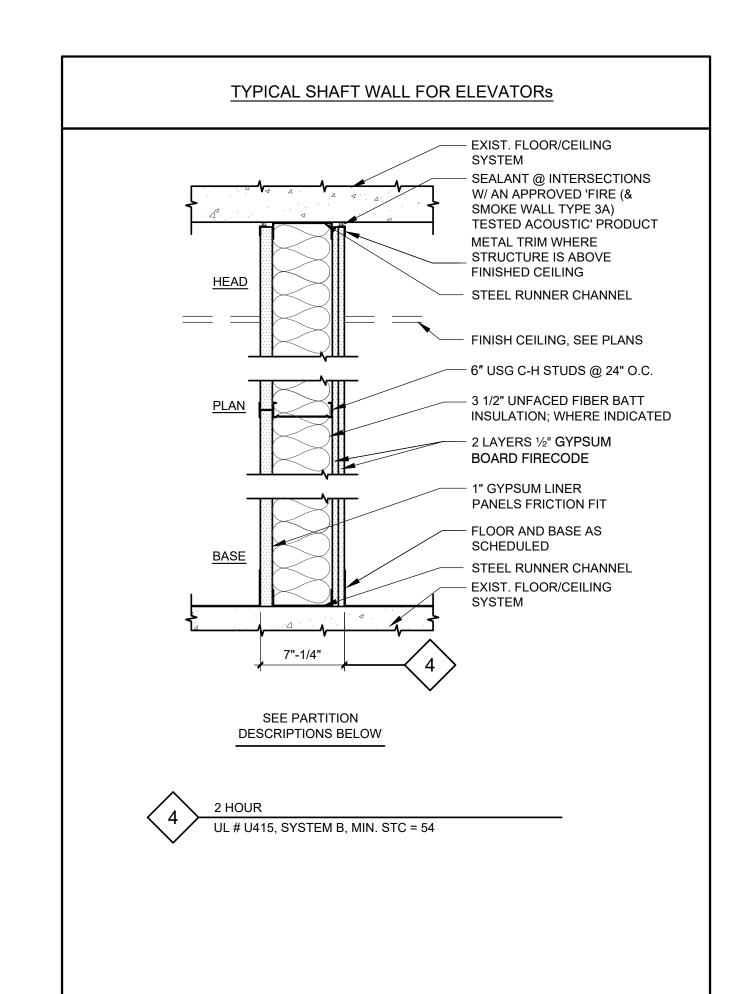
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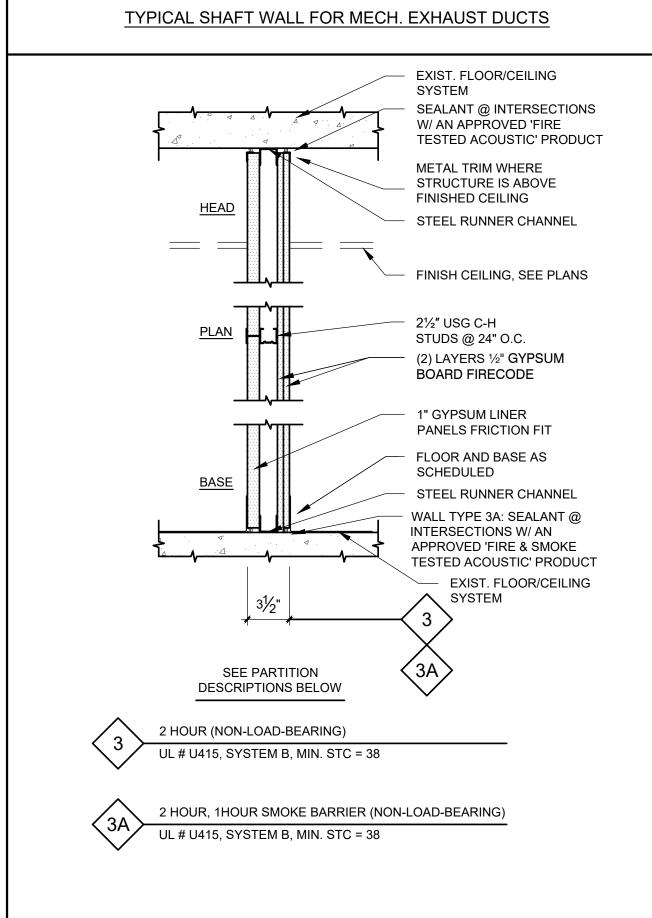
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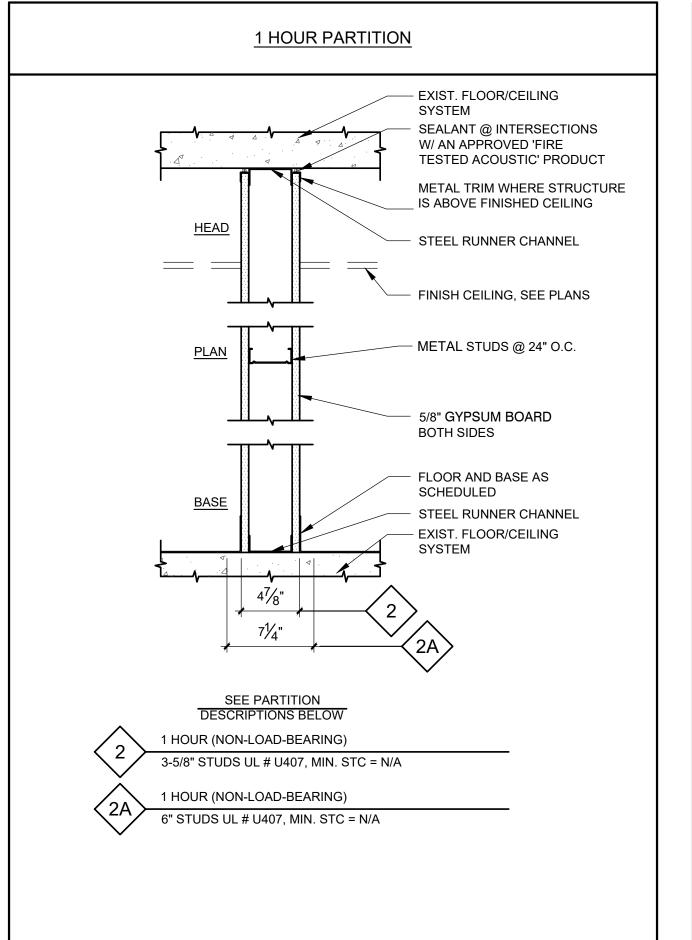
VERTICAL WALI ASSEMBLIES

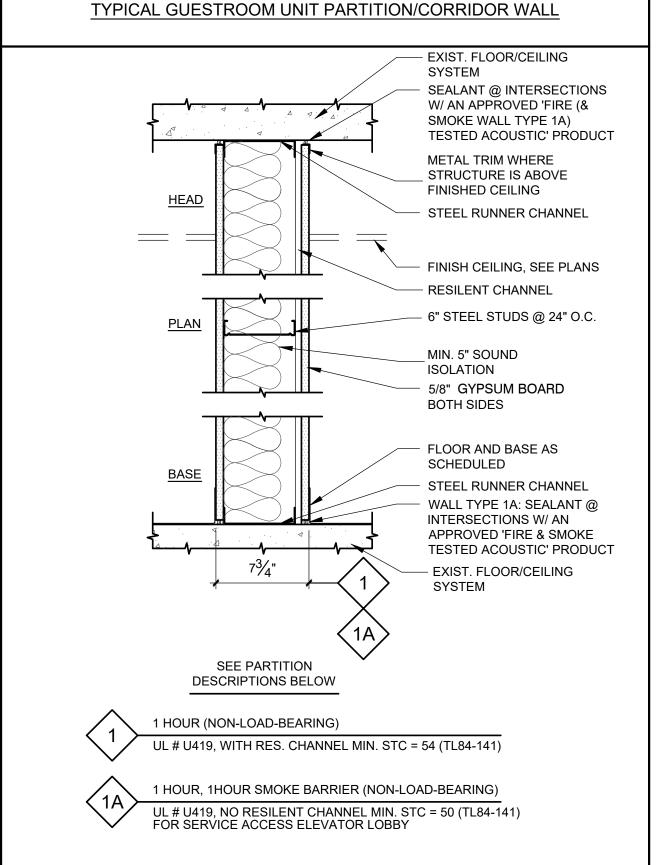
DRAWN BY: RS, BS, MV,AN

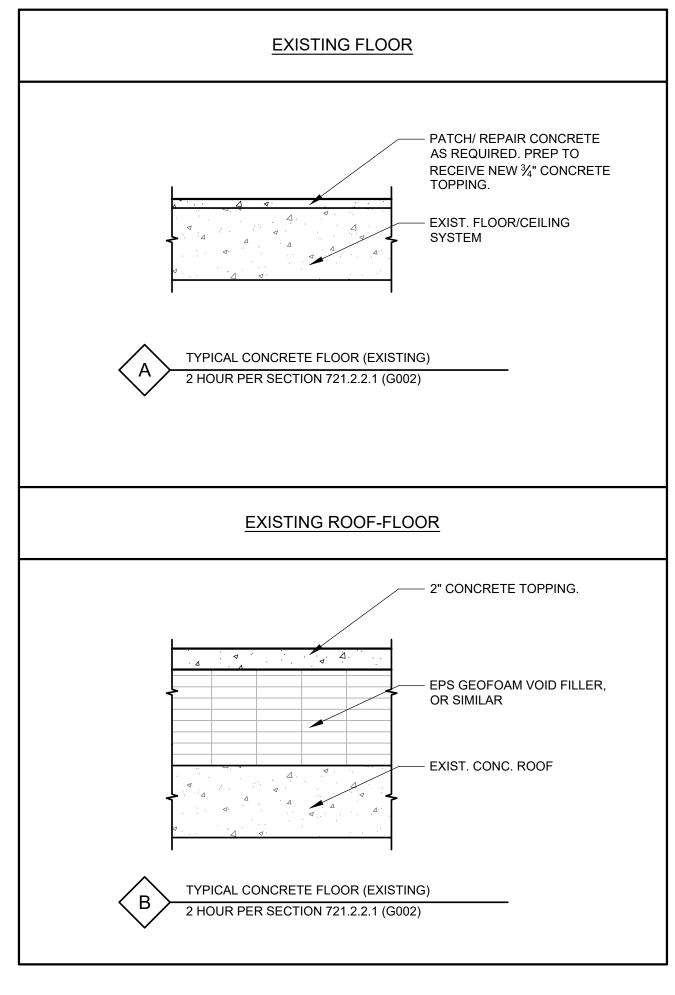
HEET A 700

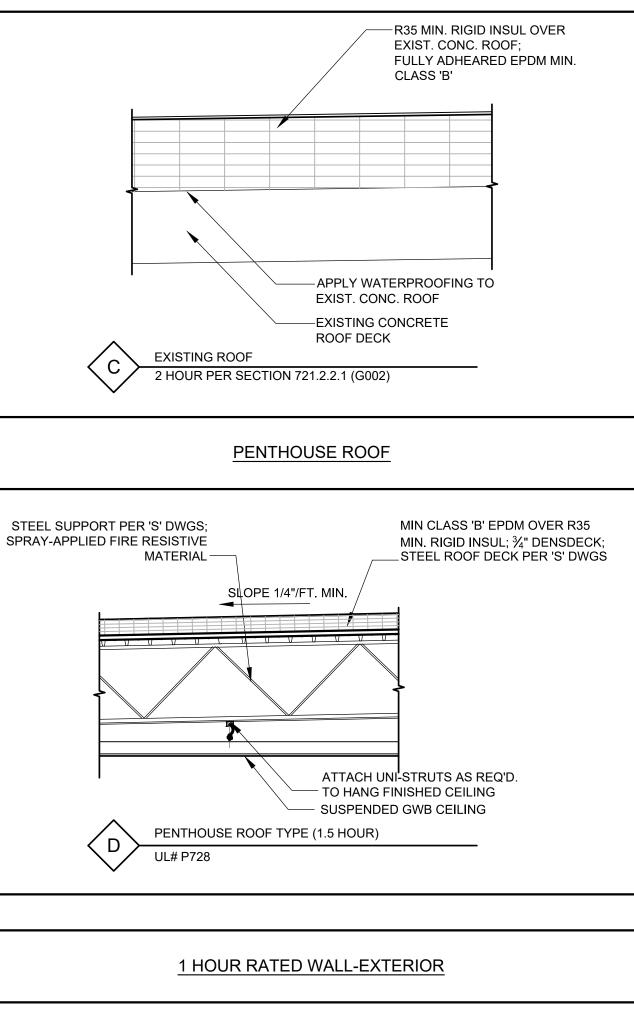




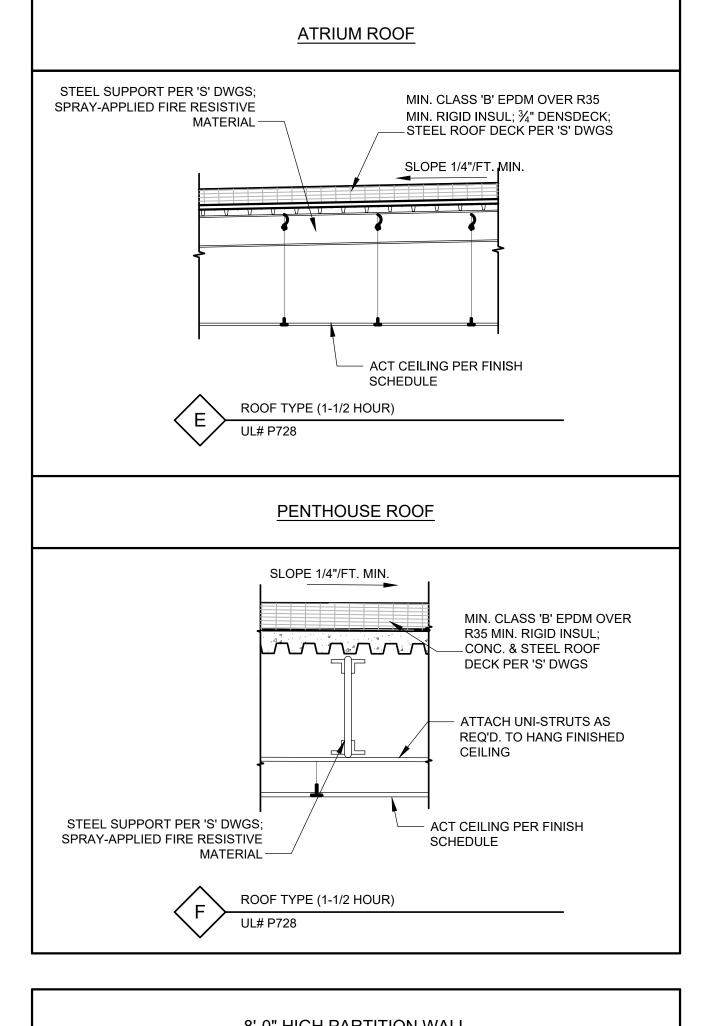


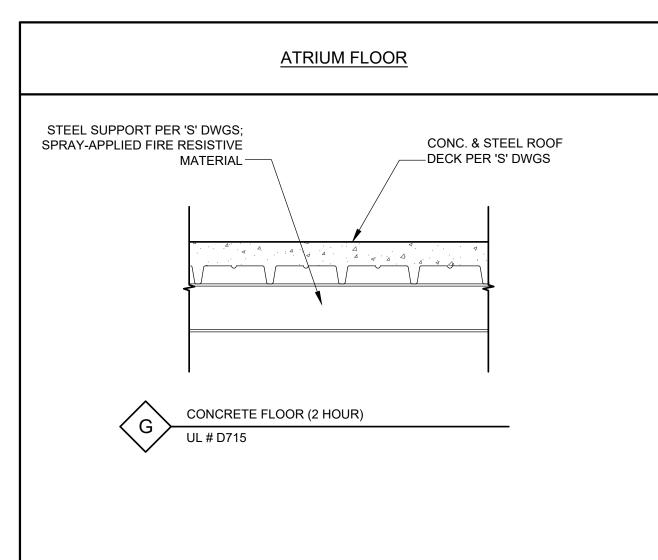


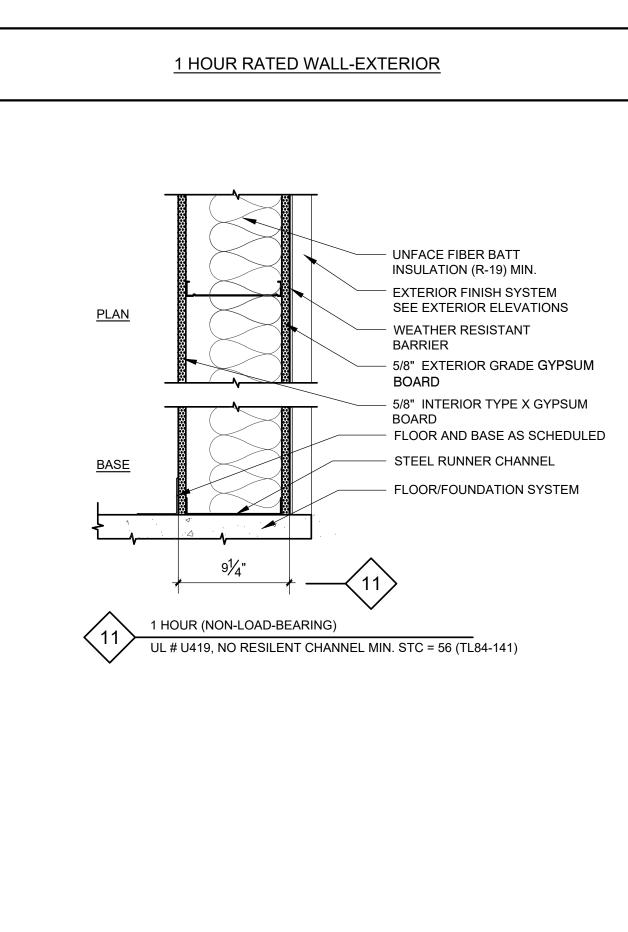


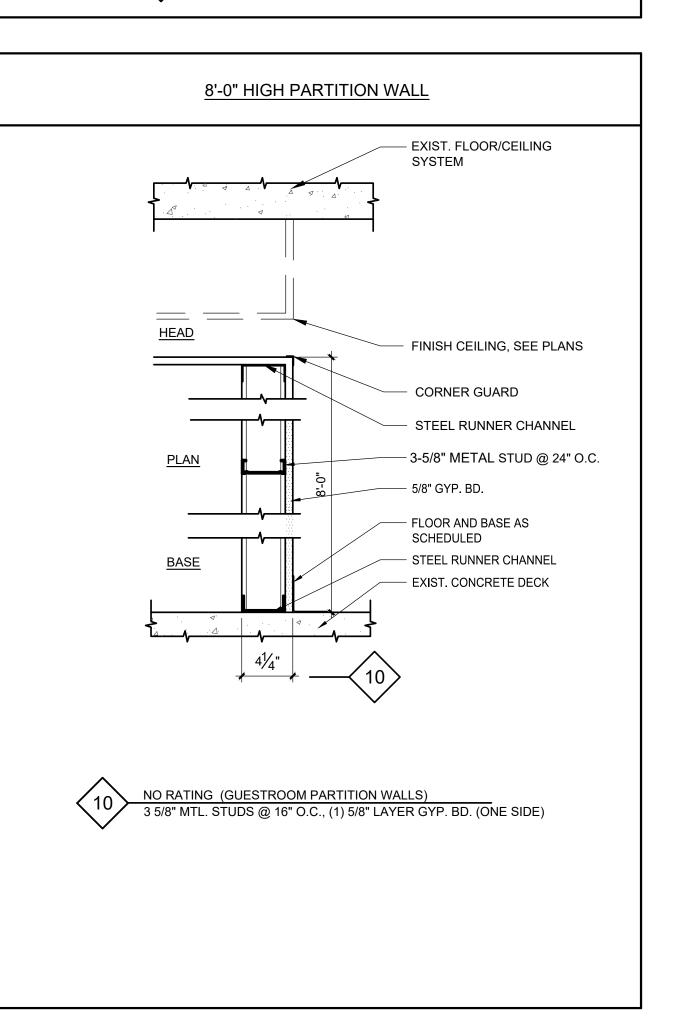


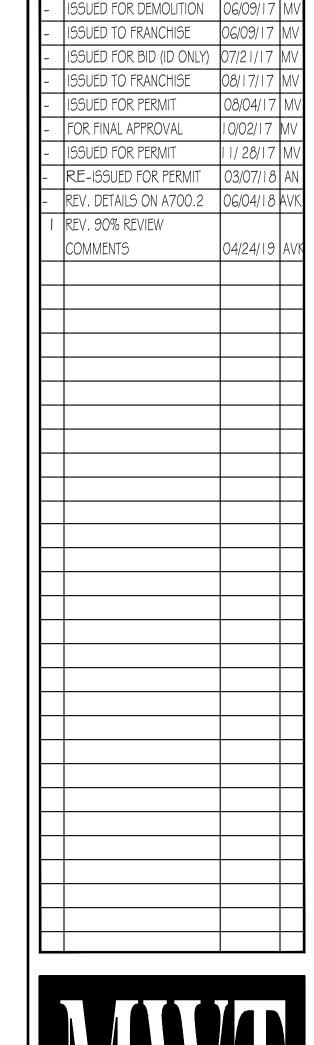
EXISTING ROOF









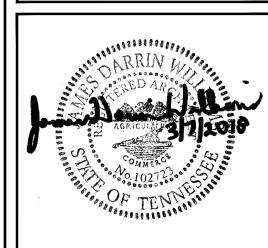


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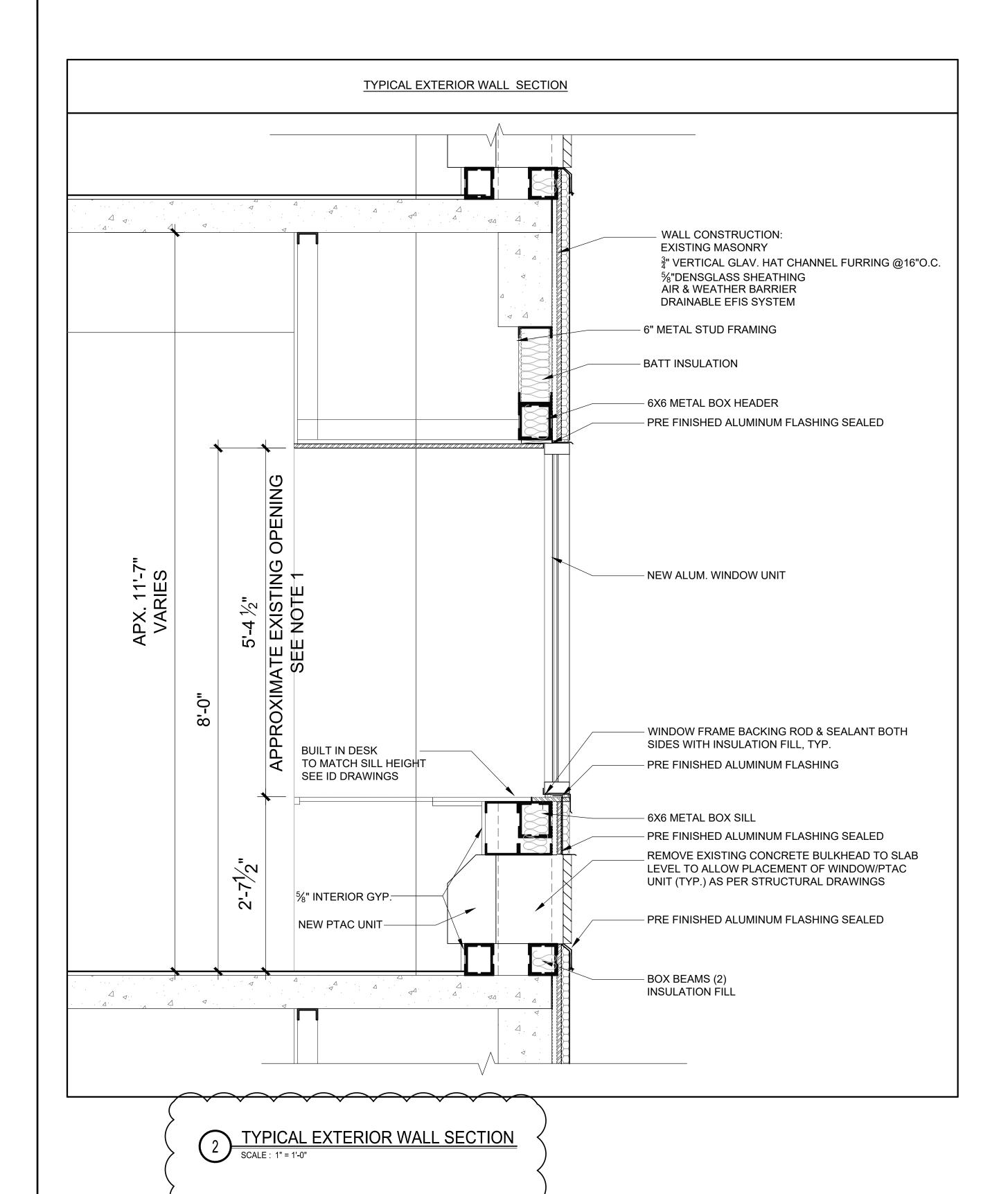
PROJECT NO.: 16 006

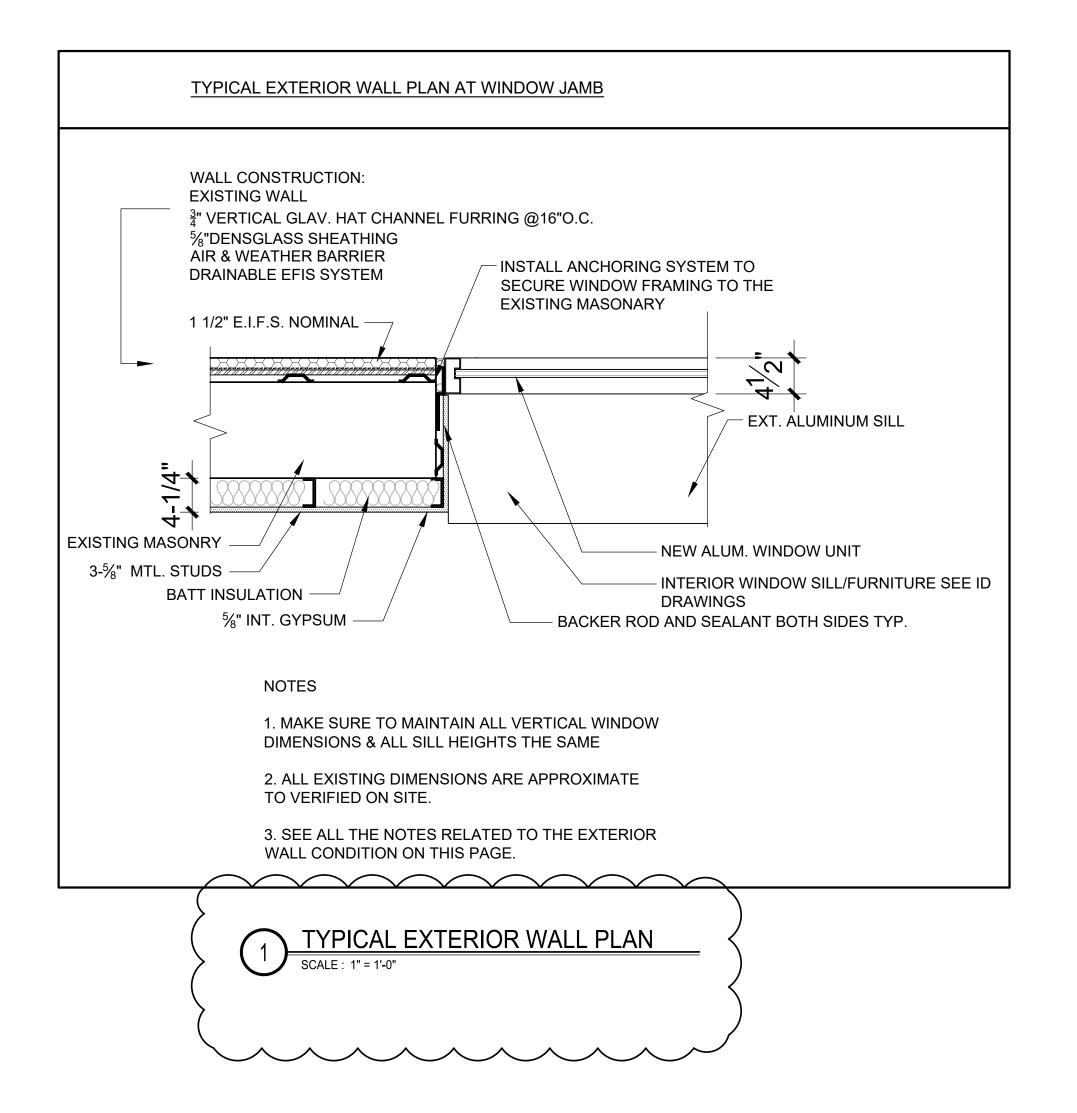
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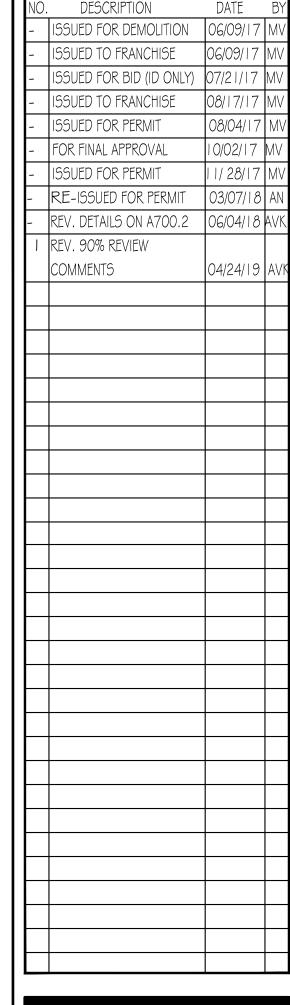
DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

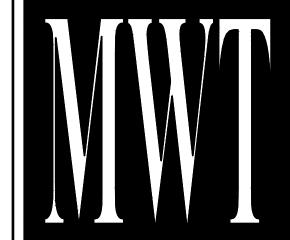
VERTICAL WALL

ASSEMBLIES









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63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017

CHKD. BY: MWT

VERTICAL WALL
ASSEMBLIES

DRAWN BY: RS, BS, MV,AN

SHEET A700.2

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U407

December 05, 2016

Nonbearing Wall Ratings — 1/2 or 1 HR. (See Items 1, 1A, 2, 2A and 6)

Bearing Wall Rating — 1/2 HR. (See Items 3 and 6)

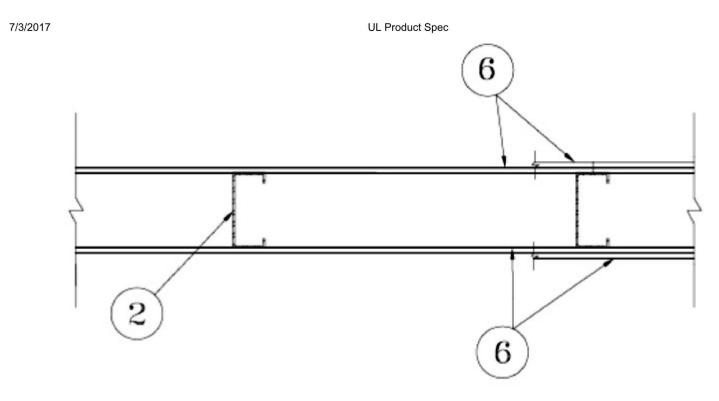
Finish Rating — (See Item 3)

Loaded Per 2005 NDS Supplement, ASD Method, Wall Braced by Sheathing, 100% of Design Load Applied to Wall.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

http://productspec.ul.com/document.php?id=BXUV.U407



- 1. Floor and Ceiling Runners (Not shown- For the 1/2 or 1 Hour Nonbearing Wall Ratings) — For use with Item 2 - Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.
- 1A. Framing Members*— Floor and Ceiling Runners (Not shown, As an alternate to Item 1 - For the 1/2 or 1 Hour Nonbearing Wall Ratings) — For use with Item 2A, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, min depth to accommodate stud size, attached to floor and ceiling with fasteners 24 in. OC. max. **CLARKDIETRICH BUILDING SYSTEMS** — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1B. Framing Members* - Floor and Ceiling Runner — (Not shown, As an alternate to Item 1 - For the 1/2 or 1 Hour Nonbearing Wall Ratings) — For use with Item 2B, proprietary channel shaped runners, min depth to accommodate stud size, attached to floor and ceiling with fasteners 24 in. OC. max. **CALIFORNIA EXPANDED METAL PRODUCTS CO** — Viper25™ Track

http://productspec.ul.com/document.php?id=BXUV.U407

UL Product Spec

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

- 1C. Framing Members*— Floor and Ceiling Runners (Not shown, As an alternate to Item 1 - For the 1/2 or 1 Hour Nonbearing Wall Ratings) — For use with Item 2C, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, min depth to accommodate stud size, attached to floor and ceiling with fasteners 24 in. OC. max. TELLING INDUSTRIES L L C — TRUE-TRACK™
- 1D. Framing Members*— Floor and Ceiling Runners (Not shown, As an alternate to Item 1 - For the 1/2 or 1 Hour Nonbearing Wall Ratings) — For use with Item 2E, channel shaped, fabricated from min. 0.018 in. (min bare metal thickness) galvanized steel, min depth to accommodate stud size, attached to floor and ceiling with fasteners 24 in. OC. max. **STEEL INVESTMENT GROUP L L C** — AlphaTRAK
- 2. **Steel Studs** (For the 1/2 or 1 Hour Nonbearing Wall Ratings) Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min. 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly
- 2A. Framing Members*— Steel Studs (Not shown, As an alternate to Item 2- For the 1/2 or 1 Hour Nonbearing Wall Ratings) — channel shaped studs, min. 3-5/8 in. deep, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2B. Framing Members* - Steel Studs — (Not shown, As an alternate to Item 2- For the 1/2 or 1 Hour Nonbearing Wall Ratings) - Proprietary channel

http://productspec.ul.com/document.php?id=BXUV.U407

2/6

UL Product Spec

shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

2C. Framing Members*— Steel Studs — (Not shown, As an alternate to Item 2- For the 1/2 or 1 Hour Nonbearing Wall Ratings) — channel shaped studs, min. 3-5/8 in. deep, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

TELLING INDUSTRIES L L C — TRUE-STUD™

- 2D. Framing Members* Steel Studs (As an alternate to Item 2- For the 1/2 or 1 Hour Nonbearing Wall Ratings) - For use with Item 1 (3-5/8 in. wide track), channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 1-1/4 in. wide by 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™
- 2E. Framing Members*— Steel Studs (Not shown, As an alternate to Item 2- For the 1/2 or 1 Hour Nonbearing Wall Ratings) — channel shaped studs, min. 3-5/8 in. deep, fabricated from min. 0.018 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. **STEEL INVESTMENT GROUP L L C** — AlphaSTUD

- 3. **Wood Studs** (Not shown, As an alternate to Items 1 and 2- For the 1/2 Bearing Wall Rating) - Nom 2 by 4 in. spaced 16 in. OC max, effectively firestopped. When wood studs are used, Finish Rating is 16 Min.
- 4. Batts and Blankets* (Optional, not shown) Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.
- 5. **Furring Channels** (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosionprotected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws for steel studs and 1 in. long Type S screws for wood studs.

4/6

UL Product Spec

6. **Gypsum Board*** — 5/8 in. thick paper surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers need not be

1/2 Hour Bearing Rating On Wood Studs - Single layer secured with 1-5/8 in. long Type S steel screws spaced 12 in. OC at the perimeter and in the field.

1/2 Hour Nonbearing Rating On Steel Studs - Single layer secured with 1 in. long Type S steel screws spaced 8 in. OC at the perimeter and 8 in. OC in the

1 Hour Nonbearing Rating On Steel Studs - Base layer boards secured with 1 in. long Type S steel screws spaced 16 in. OC at the perimeter and 16 in. OC in the field. Face layer boards secured with 1-5/8 in. long Type S steel screws spaced 16 in. OC at the perimeter and 16 in. OC in the field. When joints are aligned, screws are offset 8 in. between layers.

CGC INC — 5/8 in. thick Type FC30

UNITED STATES GYPSUM CO — 5/8 in. thick Type FC30

USG MEXICO S A DE C V — 5/8 in. thick Type FC30

7. **Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2016-12-05

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published

http://productspec.ul.com/document.php?id=BXUV.U407

7/3/2017

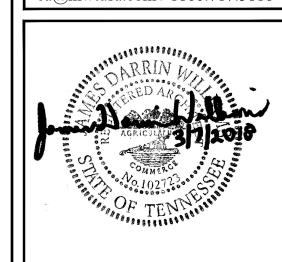
UL Product Spec

- information cannot always address every construction nuance encountered in the field. • When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

ISSUED FOR DEMOLITION 106/09/17 ISSUED TO FRANCHISE ISSUED FOR BID (ID ONLY) ISSUED TO FRANCHISE ISSUED FOR PERMIT FOR FINAL APPROVAL ISSUED FOR PERMIT RE-ISSUED FOR PERMIT REV. DETAILS ON A700.2 106/04/18 AV I REV. 90% REVIEW COMMENTS 04/24/19



ARCHITECTURE URBAN PLANNING **INTERIORS** HOTELS/ HOUSING/ MIXED USE 1800.630.3750 **CA-SERVICES** ca@mwtusa.com / 1800.717.5816



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> **ALOFT MEMPHIS DOWNTOWN**

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

CHKD. BY: MWT

UL ASSEMBLIES

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BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

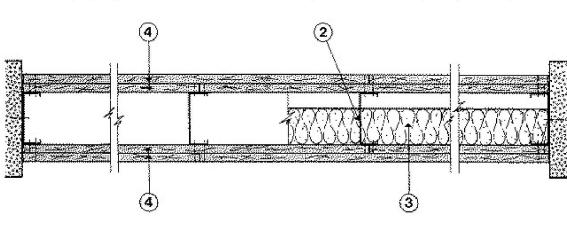
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U412

May 10, 2017

Nonbearing Wall Rating — 2 HR.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



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7/3/2017 UL Product Spec

1. **Floor and Ceiling Runner** — (Not Shown) — 25 MSG (min) galv steel 1 in. high, return legs 1-5/8 in. wide (min), attached to floor and ceiling with fasteners 24 in. OC max.

1A. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2A, channel shaped, min 1-5/8 in. wide, attached to floor and ceiling with fasteners 24 in. OC. max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing System

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1B. Framing Members — Floor and Ceiling Runner* — (Not Shown) — In lieu of Item 1 — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

1C. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2C, channel shaped, min 1-5/8 in. wide fabricated from min 0.015 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC. max.

CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

http://productspec.ul.com/document.php?id=BXUV.U412 2/10

7/3/2017 UL Product Spec

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

1D. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2D, channel shaped, min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC. max.

TELLING INDUSTRIES L L C — TRUE-TRACK™

1E. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2E, channel shaped, min 1-5/8 in. wide fabricated from min 25 MSG steel, attached to floor and ceiling with fasteners 24 in. OC. max.

KIRII (HONG KONG) LTD — Type KIRII

1F. Framing Members — Floor and Ceiling Runner* — (Not Shown) — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

TELLING INDUSTRIES L L C — Viper20™ Track

1G. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2G, channel shaped, min 1-5/8 in. wide (SmartTrack20™), min 3-5/8 in. wide (SmartTrack25™), attached to floor and ceiling with fasteners 24 in. OC max.

CRACO MFG INC — SmartTrack25™, SmartTrack20™

1H. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2K. Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.

BAILEY METAL PRODUCTS LTD — Type PLATINUM PLUS

11. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2L, channel shaped, min 3-1/2 in.

an alternate to Item 1 - For use with Item 2L, channel shaped, min 3-1/2 in. http://productspec.ul.com/document.php?id=BXUV.U412

STEEL INVESTMENT GROUP L L C — AlphaTRAK

http://productspec.ul.com/document.php?id=BXUV.U412

less than assembly height.

UL Product Spec wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC. Max.

2. **Steel Studs** — 1-5/8 in. wide (min), 1-1/4 in. legs, 1/4 in. return, formed of 25 MSG (min) galv steel max stud spacing 24 in. OC. Studs to be cut 3/4 in.

2A. **Framing Members***— **Steel Studs** — As an alternate to Item 2 — For use with Item 1A, channel shaped studs, min 1-5/8 in. wide, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. **ALLSTEEL & GYPSUM PRODUCTS INC** — Type SUPREME Framing

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2B. **Framing Members*** — **Steel Studs** — Not Shown — In lieu of Item 2 — For use with Item 1B, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel. Studs to be cut 3/4 in. less in length than assembly height. **CALIFORNIA EXPANDED METAL PRODUCTS CO** — Viper20™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™

2C. **Framing Members*** — **Steel Studs** — As an alternate to Item 2 — For use with Item 1C, channel shaped studs, min 1-5/8 in. wide fabricated from min 0.015 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

7/3/2017 UL Product Spec

CLARKDIETRICH BUILDING SYSTEMS — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2D. Framing Members*— Steel Studs — As an alternate to Item 2 — For use with Item 1D, channel shaped studs, min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

TELLING INDUSTRIES L L C — TRUE-STUD™

2E. **Framing Members*** — **Steel Studs** — As an alternate to Item 2 — For use with Item 1D, channel shaped studs, min 1-5/8 in. wide fabricated from min 25 MSG steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

KIRII (HONG KONG) LTD — Type KIRII

2F. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1F, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.020 in. thick galv steel. Studs to be cut 3/4 in. less in length than assembly height.

TELLING INDUSTRIES L L C — Viper20™

2G. **Framing Members*** — **Steel Studs** — As an alternate to Item 2 — For use with Item 1G, channel shaped studs, min 1-5/8 in. wide (SmartStud20[™]), min 3-5/8 in. wide (SmartStud25[™]) spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

CRACO MFG INC — SmartStud25™, SmartStud20™

2H. **Framing Members*** — **Steel Studs** — Not Shown — In lieu of Item 2 — For use with Item 1, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 25 MSG galv steel. Studs to be cut 3/4 in. less in length than assembly height.

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EB METAL INC — NITROSTUD

2I. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1, channel shaped steel studs, min 1-5/8 in. deep by min 1-1/4 in. wide, fabricated from min 25 MSG galv steel. Studs cut 3/4 in. less in length than assembly height.

OLMAR SUPPLY INC — PRIMESTUD

2J. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1B (3-5/8 in. wide track), channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, 1-1/4 in. wide by 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height. MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1H, channel shaped, min 3-5/8 in. wide, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

BAILEY METAL PRODUCTS LTD — Type PLATINUM PLUS

2L. **Framing Members***— **Steel Studs** — As an alternate to Item 2 — For use with Item 1I, channel shaped studs, min 3-1/2 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. **STEEL INVESTMENT GROUP L L C** — AlphaSTUD

3. **Batts and Blankets*** — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.

See **Batts and Blankets** (BZJZ) category for names of manufacturers.

3A. **Fiber, Sprayed*** — As an alternate to **Batts and Blankets** (Item 3) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product

application instructions supplied with the product. **U S GREENFIBER L L C** — INS735 & INS745 for use with wet or dry application. INS765LD and INS770LD are to be used for dry application only.

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3B. **Fiber, Sprayed*** — As an alternate to **Batts and Blankets** (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft. **NU-WOOL CO INC** — Cellulose Insulation

UL Product Spec

3C. **Fiber, Sprayed*** — As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³. **INTERNATIONAL CELLULOSE CORP** — Celbar-RL

4. **Gypsum Board*** — 1/2 in. thick. Gypsum board applied vertically in two layers. (Laminated System) Inner layer attached to studs with 1 in. long Type S steel screws spaced 24 in. O.C. along vertical edges and 24 in. O.C. in the field. Outer layer laminated to inner layer with joint compound, applied with a notched spreader producing continuous beads of compound about 3/8 in. in diameter, spaced not greater than 2 in. O.C. Joints of laminated outer layer offset 12 in. from inner layer joints. Outer layer gypsum board attached to inner layer with 1-1/2 in. long Type G steel screws spaced 24 in. O.C. along edges and center line of each sheet.

Optional, (Direct Attached System) Gypsum board applied vertically in two layers. Inner layer attached to studs with 1 in. long Type S steel screws spaced 24 in. O.C. in the field and along the vertical edges. Outer layer attached to the studs over the inner layer with 1-5/8 in. long Type S steel screws spaced 12 in. O.C. in the field, along the vertical edges, and to the floor and ceiling runners. Joints of screw-attached outer layer offset from inner layer joints.

Optional, (Direct Attached System) Inner layer gypsum board applied vertically, outer layer wallboard applied horizontally. Inner layer attached to studs with 1 in. Type S steel screws spaced 24 in. O.C. along vertical edges and in the field. Outer layer attached to the studs over the inner layer with 1-5/8 in. long Type S steel screws spaced 12 in. OC in the field, along the vertical edges, and to the floor and ceiling runners. Outer layer secured to inner layer gypsum board with 1-1/2 in. long Type G steel screws located midway between studs and 1 in. from the horizontal joint.

Outer layer gypsum board joints covered with joint tape and min two coats of joint compound, and screw heads covered with min two coats of joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

ACADIA DRYWALL SUPPLIES LTD — Type C

AMERICAN GYPSUM CO — Types AG-C.

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CGC INC — Type C, IP-X2, IPC-AR or WRC.

CERTAINTEED GYPSUM INC — Type FRPC, Type C.

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A.

GEORGIA-PACIFIC GYPSUM L L C — Types 5, C, DAP, DA, DAPC, TG-C.

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-G, FSW-C, FSMR-C.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-

PANEL REY S A — Type PRC

SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air

THAI GYPSUM PRODUCTS PCL — Type C.

UNITED STATES GYPSUM CO — Type C, IP-X2, IPC-AR or WRC.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Type C, IP-X2, IPC-AR or WRC.

4A. **Gypsum Board*** — (As an alternate to Item 4) — 5/8 in. thick. Two layers installed by any method as described in Item 4. **NATIONAL GYPSUM CO** — Type FSMR-C.

5. **Furring Channels** — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-

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7/3/2017

UL Product Spec

protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

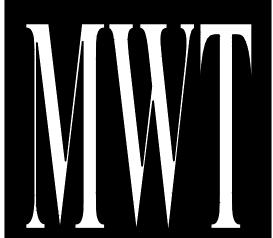
Last Updated on 2017-05-10

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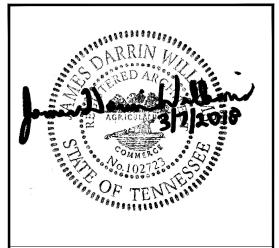
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 8-4-2017

DRAWN BY: RS, BS, MV,AN

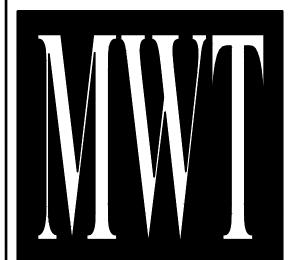
CHKD. BY: MWT

UL ASSEMBLIES

||SHEET A700.4

System G — 3 Hr Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or horizontally in three layers. Inner or base layer attached to study with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in OC when installed horizontally. Middle layer attached to studs with 1-5/8 in. long Type S steel screws spaced 24 in. when installed vertically or 16 in. OC when installed horizontally. Outer or face layer

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63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017

DRAWN BY: RS, BS, MV,AN CHKD. BY: MWT

UL ASSEMBLIES

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2016-07-14

applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or #6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Type Nelco 4C. Gypsum Board* - (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, 2B and 2D. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A). Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 10 ft long with a max thickness of 0.140 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. D. Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For direct attachment only) — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboar and optional at remaining stud locations. Lead batter strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in, diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall Systems A, B, C, E, F, G, H, I Joints on outer layers of gypsum boards (Item 4 and 4A) covered with paper tape and joint compound. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges. Exposed screw heads covered with joint compound. Systems A, B, E, F, G, H, I (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. Any mineral wool or glass fiber batt mineral bearing the UL Classification Marking as to Fire Resistance. System A With Type ULIX Gypsum Boards Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies. Systems C & D Min 3 in. (System C) and min 1-1/2 in. (System D) thick mineral wool batts, friction fitted between the studs and floor . **Cementitious Backer Units*** – (System D) - Nom 1/2 or 5/8 in. thick panels, square edge, attached to studs over gypsum wallboard with 1-5/8 in. long, Type S-12, corrosion resistant steel screws spaced 8 in. OC and staggered 8 http://database.ul.com/cqi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BXUV.U415&ccnshorttitle=Fire+Resistance+Ratings+-+ANSI/UL+263&... 8/9 BXUV.U415 - Fire Resistance Ratings - ANSI/UL 263 in. from gypsum wall board screws. Joints covered with glass fiber mesh tape. Vertical joints staggered one stud cavity from gypsum wallboard joints. Horizontal joints staggered a min of 12 in. from the gypsum wallboard joints. 8. Laminating Adhesive* — (Optional, Not Shown) — Used to bond outer layer of Cementitious Backer Units (Item 7) to inner layers of Gypsum Board (Item 4) in System D. ANSI A136.1 Type 1 organic adhesive applied with 1/4 in. square notched trowel. See Adhesives (BYWR) in the Fire Resistance Directory or Adhesives (BJLZ) in the Building 9. Lead Batten Strips — (Not Shown, For Use With Item 4A) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud 9A. Lead Batten Strips — (Not Shown, for use with Item 4C) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D".. Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud locations.

Item 4A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of

11. Lead Batten Strips — (Not Shown, For Use With Item 4B) — Lead batten strips, 2 in. wide, max 10 ft long with a

max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead battern strips required behind vertical joints of lead backed gypsum wallboard (Item 4B) and optional at remaining stud locations.

12. Lead Tabs — (Not Shown, For Use With Item 4B) — 2 in, wide, 5 in, long with a max thickness of 0.142 in, Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 4B) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard

10A. Lead Discs — (Not Shown, for use with Item 4C) — Max 5/16 in. diam by max 0.140 in. thick lead discs ion fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal

99.9% meeting the Federal specification QQ-L-201f, Grade "C".

Specification QQ-L-201f, Grades "B, C or D".

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada
See General Information for Fire-resistance Ratings - ANSI/UL 263

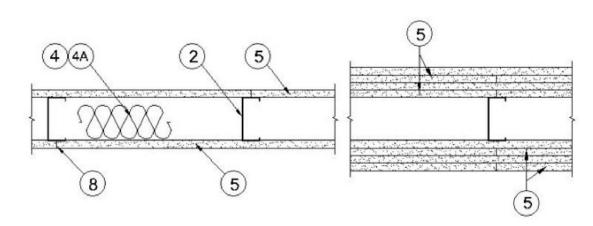
See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U419

June 13, 2017

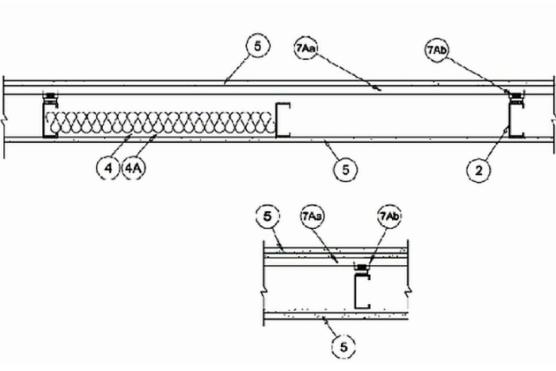
Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 4 & 5 through 5K)

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.



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7/3/2017 UL Product Spec



- 1. Floor and Ceiling Runners (Not Shown) For use with Item 2 Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth to accommodate stud size, with min 1-1/4 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.
- 1A. Framing Members* Floor and Ceiling Runner Not Shown In lieu of Item 1 For use with Item 2B, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max. CALIFORNIA EXPANDED METAL PRODUCTS CO Viper25™ Track

CRACO MFG INC — SmartTrack25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™ Track

1B. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2C, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max. CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track

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7/3/2017 UL Product Spec

1C. Framing Members* — Floor and Ceiling Runners — (Not Shown) — In lieu of Item 1 — Channel shaped, attached to floor and ceiling with fasteners 24 in. OC. max.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing System

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

1D. **Floor and Ceiling Runners** — (Not Shown) — For use with Item 2A — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, min depth to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners spaced max 24 in. OC.

1E. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2E, 5F or 5G or 5I only, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max. CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK

DMFCWBS L L C — ProTRAK

MBA METAL FRAMING — ProTRAK

RAM SALES L L C — Ram ProTRAK

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK

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7/3/2017

1F. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2F, proprietary channel shaped runners, minimum width to accommodate stud size, with 1- 1/8 in. long legs fabricated from min 0.015 in. (min bare metal thickness) galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

SUPER STUD BUILDING PRODUCTS — The Edge

UL Product Spec

1G. Framing Members* — Floor and Ceiling Runner — For use with Item 2G, proprietary channel shaped runners, minimum width to accommodate stud size attached to floor and ceiling with fasteners 24 in. OC max.

STUDCO BUILDING SYSTEMS — CROCSTUD Track

1H. **Floor and Ceiling Runners** — (Not Shown) — Channel shaped, fabricated from min 0.02 in. galv steel, min width to accommodate stud size, with min 1 in. long legs, for use with studs specified below and fabricated from min 0.02 in. galv steel or thicker, attached to floor and ceiling with fasteners spaced max 24 in. OC.

spaced max 24 in. OC.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track VT100

11. Framing Members* — Floor and Ceiling Runners — (Not Shown, As an alternate to Item 1) — For use with Items 2H, channel shaped, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, attached to floor and ceiling with fasteners 24 in. OC. max.

TELLING INDUSTRIES L L C — TRUE-TRACK™

1J. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2I, proprietary channel shaped runners, 3-5/8 in. deep attached to floor and ceiling with fasteners 24 in. OC max.

TELLING INDUSTRIES L L C — Viper25™ Track

1K. Framing Members* — Floor and Ceiling Runner — Not Shown — In lieu of Item 1 — For use with Item 2J, proprietary channel shaped runners, 1-1/4 in. wide by 3-5/8 in. deep fabricated from min 0.020 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

TELLING INDUSTRIES L L C — Viper20™ Track

1L. **Framing Members*** — **Floor and Ceiling Runner** — Not Shown — In lieu of Item 1 — For use with Item 2N, proprietary channel shaped runners, 1-1/4 in. wide by min. 3-1/2 in. deep fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

7/3/2017 UL Product Spec
STEEL INVESTMENT GROUP L L C — AlphaTRAK

1M. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2O, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Rondo Wall Track

1N. Framing Members* — Floor and Ceiling Runners — Not Shown — As an alternate to Item 1 — For use with Item 2P, proprietary channel shaped runners, min width to accommodate stud size, galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Track

2. **Steel Studs** — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

2A. **Steel Studs** — (As an alternate to Item 2, For use with Items 5B, 5E, 5H, 5J and 5K) — Channel shaped, fabricated from min 20 MSG corrosion-protected or galv steel, 3-1/2 in. min depth, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.

2B. Framing Members* - Steel Studs — (As an alternate to Item 2, For use with Items 5C, 5I or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only. CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper25™

CRACO MFG INC — SmartStud25™

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper25™

2C. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights.

CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™

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7/3/2017 UL Product Spec

MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20TM

2D. Framing Members* — Steel Studs — In lieu of Item 2 — Channel shaped studs, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.

ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME Framing System

CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME Framing System

QUAIL RUN BUILDING MATERIALS INC — Type SUPREME Framing

SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME Framing

STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME Framing System

UNITED METAL PRODUCTS INC — Type SUPREME Framing System

2E. **Framing Members*** — **Steel Studs** — (Not Shown, As an alternate to Item 2) — For use with Items 5F or 5G or 5I or 5K only, channel shaped studs, min depth as indicated under Item 5F, 5G or 5I, fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. **CLARKDIETRICH BUILDING SYSTEMS** — CD ProSTUD

DMFCWBS L L C — ProSTUD

MBA METAL FRAMING — ProSTUD

RAM SALES L L C — Ram ProSTUD

STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD

2F. **Framing Members*** — **Steel Studs** — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, minimum width indicated under Item 5, 1-1/4 in. deep fabricated from min 0.015 in. (min bare metal thickness) galvanized steel. Studs 3/8 in. to 3/4 in. less in lengths than assembly heights. **SUPER STUD BUILDING PRODUCTS** — The Edge

UL Product Spec

2G. **Framing Members*** — **Steel Studs** — Not Shown — In lieu of Item 2 — proprietary channel shaped studs, minimum width indicated under Item 5, Studs to be cut 3/8 to 3/4 in less than the assembly height. **STUDCO BUILDING SYSTEMS** — CROCSTUD

2H. **Framing Members*** — **Steel Studs** — (Not Shown, As an alternate to Item 2) — Fabricated from min. 0.015 in. (min bare metal thickness) galvanized steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. **TELLING INDUSTRIES L L C** — TRUE-STUD™

2I. **Framing Members*** — **Steel Studs** — (As an alternate to Item 2, For use with Items 5C or 5L or 5K) — Proprietary channel shaped studs, 3-5/8 in. deep spaced a max of 24 in. OC. Studs to be cut 3/4 in less than the assembly height and installed with a 1/2 in. gap between the end of the stud and track at the bottom of the wall. For direct attachment of gypsum board only.

TELLING INDUSTRIES L L C — Viper25™

2J. Framing Members* — Metal Studs — Not Shown — In lieu of Item 2 — proprietary channel shaped steel studs, min depth as indicated under Item 5, spaced a max if 24 in. OC, fabricated from min 0.020 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in lengths than assembly heights

TELLING INDUSTRIES L L C — Viper20™

2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

EB METAL INC — NITROSTUD

2L. **Framing Members*** — **Steel Studs** — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

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7/3/2017 UL Product Spec

OLMAR SUPPLY INC — PRIMESTUD

2M. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1, channel shaped studs, fabricated from min 25 MSG corrosion-protected steel, min depth as indicated under Item 5, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.

MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™

2N. Framing Members*— Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min depth 3-1/2 in. and as indicated under Item 5, spaced a max of 24 in. OC, fabricated from min 0.018 in. thick galv steel. Studs cut 3/8 in. to 3/4 in. less in length than assembly height. STEEL INVESTMENT GROUP L L C — AlphaSTUD

2O. **Framing Members*** — **Steel Studs** — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.

RONDO BUILDING SERVICES PTY LTD — Rondo Lipped Wall Stud

2P. Framing Members* — Steel Studs — As an alternate to Item 2 — proprietary channel shaped steel studs, min width as indicated under Item 5, min 25 MSG galv steel. Studs to be cut 3/8 to 3/4 in. less in lengths than assembly height. Spaced 24 in. OC max.

OEG BUILDING MATERIALS — OEG Stud

3. **Wood Structural Panel Sheathing** — (Optional, For use with Item 5 Only) — (Not Shown) — 4 ft wide, 7/16 in. thick oriented strand board (OSB) or 15/32 in. thick structural 1 sheathing (plywood) complying with DOC PS1 or PS2, or APA Standard PRP-108, manufactured with exterior glue, applied horizontally or vertically to the steel studs. Vertical joints centered on studs, and staggered one stud space from wallboard joints. Attached to studs with flat-head self-drilling tapping screws with a min. head diam. of 0.292 in. at maximum 6 in. OC. in the perimeter and 12 in. OC. in the field. When used, gypsum panels attached over OSB or plywood panels and fastener lengths for gypsum panels increased by min. 1/2 in.

4. **Batts and Blankets*** — (Required as indicated under Item 5) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 5.

DESCRIPTION

ISSUED FOR DEMOLITION

ISSUED TO FRANCHISE

ISSUED TO FRANCHISE

ISSUED FOR PERMIT

FOR FINAL APPROVAL

ISSUED FOR PERMIT

REV. 90% REVIEW

COMMENTS

RE-ISSUED FOR PERMIT

REV. DETAILS ON A700.2

ISSUED FOR BID (ID ONLY)

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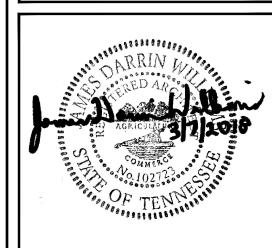
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WARNING
IT IS A VIOLATION OF THE LAW FOR ANY
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DIRECTION OF THE ARCHITECT, TO ALTER OF
REPRODUCE THESE DRAWINGS IN ANY WAY

ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

DRAWN BY: RS, BS, MV,AN

PROJECT NO.: 16 006 DATE: 8-4-2017

8/19

CHKD. BY: MWT

UL ASSEMBLIES

SHEET A/00.6

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See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4A. **Batts and Blankets*** — (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4B. **Batts and Blankets*** — For use with Item 5K. Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

See **Batts and Blankets** (BKNV or BZJZ) Categories for names of Classified companies.

4C. **Fiber, Sprayed*** — (Optional) and as an alternate to Batts and Blankets (Item 4B) where insulation is required - Spray applied granulated mineral fiber material. The fiber is applied with adhesive at a minimum density of 4.0 pcf to completely fill the wall cavity in accordance with the application instructions supplied with the product. See **Fiber, Sprayed** (CCAZ). **AMERICAN ROCKWOOL MANUFACTURING, LLC** — Type Rockwool

5. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

Rating, Hr	Min Stud Depth, in. Items 2, 2C, 2D, 2F, 2G, 2O	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 4)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional

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2	3-1/2	1 layer, 3/4 in. thick	3 in.						
3	1-5/8	3 layers, 1/2 in. thick	Optional						
3	1-5/8	2 layers, 3/4 in. thick	Optional						
3	1-5/8	3 layers, 5/8 in. thick	Optional						
4	1-5/8	4 layers, 5/8 in. thick	Optional						
4	1-5/8	4 layers, 1/2 in. thick	Optional						
4	2-1/2	2 layers, 3/4 in. thick	2 in.						

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SGX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL ZAWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Types IP-X3 or ULTRACODE

When Item 7B, **Steel Framing Members***, is used, Nonbearing Wall Rating is limited to 1 Hr. Min. stud depth is 3-1/2 in., min. thickness of insulation (Item 4) is 3 in., and two layers of gypsum board panels (1/2 in. or 5/8 in. thick) shall be attached to furring channels as described in Item 6. One layer of gypsum board panels (1/2 in. or 5/8 in. thick) attached to opposite side of stud without furring channels as described in Item 6.

5A. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 24 to 54 in. wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 6.

UNITED STATES GYPSUM CO — Type FRX-G, SHX.

USG MEXICO S A DE C V — Type SHX.

CGC INC — Type SHX.

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5B. **Gypsum Board*** — (Not Shown) — As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 in or 3/4 in. thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) — Nom 5/8 in. or 3/4 in. may be used as alternate to all 5/8 in. or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Gypsum board secured to 20 MSG steel studs Item 2A with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. To be used with Lead Batten Strips (see Item 11) or Lead Discs or Tabs (see Item 12). **RAY-BAR ENGINEERING CORP** — Type RB-LBG

5C. **Gypsum Board*** — (For Use With Item 2B) — Rating Limited to 1 Hour. 5/8 in. thick, 48 in. wide, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. (Vertical Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. Vertical joints are to be centered over studs and staggered one stud cavity on opposite sides of studs. (Horizontal Application) - The gypsum board is to be installed on each side of the studs with 1 in. long Type S coated steel screws spaced 8 in. OC starting 4 in. from the edge of the board at the vertical edges and 12 in. OC starting 6 in. from the edge of the board at the center of each board. Gypsum boards are to be secured to the top and bottom track with screws spaced 8 in. OC starting 4 in. from the board edge. Fasteners shall not penetrate through both the stud and the track at the same time. All horizontal joints are to be backed as outlined under section VI of Volume 1 in the Fire Resistive Directory. **CGC INC** — Type SCX.

UNITED STATES GYPSUM CO — Type SCX, SGX.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type SCX

USG MEXICO S A DE C V — Type SCX

5D. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick, 48 in. wide, applied vertically or horizontally. Secured as described in Item 6. For use with Items 1 and 2 only. **CGC INC** — Type USGX

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UL Product Spec

USG MEXICO S A DE C V — Type USGX

UNITED STATES GYPSUM CO — Type USGX

5E. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 (or No. 6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. **NEW ENGLAND LEAD BURNING CO INC. DBA NELCO** — Nelco

5F. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E and limited to 1 Hour Rating only, Gypsum panels with beveled, square or tapered edges, applied vertically, and fastened to the steel studs with 1 in. long Type S screws spaced 8 in. OC along vertical and bottom edges and 12 in. OC in the field. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Steel stud depth shall be a minimum 3-5/8

un.
UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX

USG BORAL ZAWAWI DRYWALL L C SFZ — 5/8 in. thick Type SCX

5G. **Gypsum Board*** — (As an alternate to Item 5) — For use with Items 1E and 2E only, Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally, as specified in the table below and fastened to the steel studs as described in Item 6. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

	Rating,	Min Stud Depth, in.		Min Thkns of Insulation	
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Hr	Item 2E	of Panel	(Item 4)
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional

CGC INC — 1/2 in. thick Type C, IP-X2 or IPC-AR;, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type SCX, SGX, SHX, IP-X1, AR, C, , FRX-G, IP-AR, IP-X2, IPC-AR, ULIX; 3/4 in. thick Types IP-X3 or ULTRACODE

USG BORAL ZAWAWI DRYWALL L L C SFZ — 1/2 in. Type C; 5/8 in. Types C, SCX, ULTRACODE

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, or; 3/4 in. thick Types IP-X3 or ULTRACODE

5H. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 5/8 or 3/4 in thick products are specified. For direct attachment only to steel studs Item 2A, (not to be used with Item 3) - Nom 5/8 or 3/4 in. may be used as alternate to all 5/8 or 3/4 in. shown in Item 5, Wallboard Protection on Each Side of Wall table. Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Gypsum board secured to 20 MSG steel studs Item 2B with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. For Joint Compound see Item 5. To be used with Lead Batten Strips (see Item 11A) or Lead Discs (see Item 12A). **MAYCO INDUSTRIES INC** — Type X-Ray Shielded Gypsum

5I. **Gypsum Board*** — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges installed as described

http://productspec.ul.com/document.php?id=BXUV.U419

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UL Product Spec
in Item 5. Steel stud minimum depth shall be as indicated in Item 5.
CGC INC — Type ULX

UNITED STATES GYPSUM CO — Type ULX

USG MEXICO S A DE C V — Type ULX

5J. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5 when used as the base layer on one or both sides of wall when 1/2 in. or 5/8 in thick products are specified, For direct attachment only to steel studs Item 2A, not to be used with Item 3). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f,

RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined

5K. **Gypsum Board*** — (Not Shown) — (As an alternate to Item 5) — Nom. 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) need not be staggered. The number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Gypsum Board Protection on Each Side of Wall

	Min	No. of	Min	
	Stud	Layers	Thkns of	
	Depth, in.	& Thkns	Insulation	
Rating, Hr	Items 2 through 20	of Panel	(Item 4B)	

| | http://productspec.ul.com/document.php?id=BXUV.U419 3/2017 UL Product Spec

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1	3-5/8	1 layer, 5/8 in. thick	3-1/2 in.						
2	1-5/8	2 layers, 5/8 in. thick	Optional						
3	1-5/8	3 layers, 5/8 in. thick	Optional						
4	1-5/8	4 layers, 5/8 in. thick	Optional						

UNITED STATES GYPSUM CO — 5/8 in. thick Type ULIX

6. Fasteners — (Not Shown) — For use with Items 2 and 2F - Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 7). Single layer systems: 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. **Two layer systems:** First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. Three-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. Four-layer systems: First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.

7. **Furring Channels** — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 5A and 5E.

7A. **Framing Members*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw http://productspec.ul.com/document.php?id=BXUV.U419

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through the center grommet. RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 9/16 in. minimum self-drilling, S-12 steel screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring channels. **PAC INTERNATIONAL L L C** — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75).

7B. **Framing Members*** — (Optional, Not Shown) — As an alternate to Item 7, for single or double layer systems, furring channels and Steel Framing Members on only one side of studs as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 5. Not for use with Item 5A and 5E.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Ba) to one side of studs (Item 2) only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips. **KINETICS NOISE CONTROL INC** — Type Isomax

7C. **Framing Members*** — (Not Shown) — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 7, furring channels and Steel Framing Members as described below:

a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 6. Not for use with Item 5A and 5E.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Aa) to studs (Item 2). Clips spaced max. 48 in. OC. GENIECLIPS secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips. **PLITEQ INC** — Type GENIECLIP

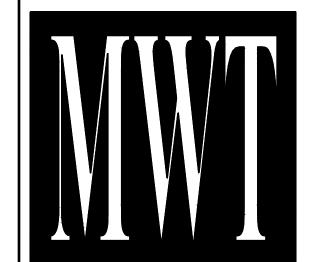
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- ISSUED FOR BID (ID ONLY) 07/21/17 MV
- ISSUED TO FRANCHISE 08/17/17 MV
- ISSUED FOR PERMIT 08/04/17 MV
- FOR FINAL APPROVAL 10/02/17 MV
- ISSUED FOR PERMIT 11/28/17 MV
- RE-ISSUED FOR PERMIT 03/07/18 AV
- REV. DETAILS ON A700.2 06/04/18 AV
I REV. 90% REVIEW
COMMENTS 04/24/19 AV

ISSUED FOR DEMOLITION

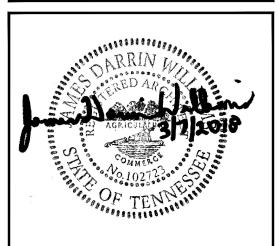
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106/09/17



15/19

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URBAN PLANNING
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CA-SERVICES
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017

CHKD. BY: MWT

UL ASSEMBLIES

DRAWN BY: RS, BS, MV,AN

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UL ASSEMBLY U419 CONT...

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7D. **Steel Framing Members*** — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below:

a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Gypsum board attached to furring channels as described in Item 4. Side joint furring channels shall be attached to studs with RESILMOUNT Sound Isolation Clips located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. Not for use with Item 5A and 5E.

b. **Steel Framing Members*** — Used to attach furring channels (Item 7Da) to studs. Clips spaced 24 in. OC., and secured to studs with No. 10 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

8. **Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

9. **Siding, Brick or Stucco** — (Optional, Not Shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

10. Caulking and Sealants* — (Optional, Not Shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

UNITED STATES GYPSUM CO — Type AS

11. **Lead Batten Strips** — (Not Shown, For Use With Item 5B) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard

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(Item 5B) and optional at remaining stud locations. Required behind vertical

11A. **Lead Batten Strips** — (Not Shown, For Use With Item 5H) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations.

12. **Lead Discs or Tabs** — (Not Shown, For Use With Item 5B) — Used in lieu of or in addition to the lead batten strips (Item 11) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5B) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

12A. **Lead Discs** — (Not Shown, for use with Item 5H) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

- 13. **Lead Batten Strips** (Not Shown, For Use With Item 5E) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.142 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5E) and optional at remaining stud locations.
- 14. **Lead Tabs** (Not Shown, For Use With Item 5E) 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around front face of stud, the stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that secures the gypsum boards, Item 5E) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary.
- * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2017-06-13

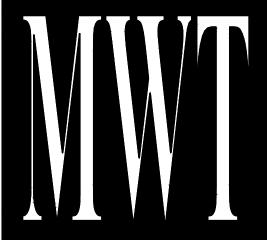
Design/System/Construction/Assembly Usage Disclaimer

7/3/2017 UL Product Spec

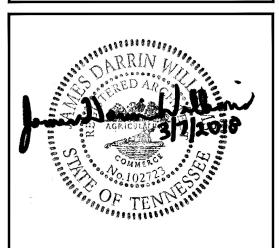
- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

NO.	DESCRIPTION	DAIL
-	ISSUED FOR DEMOLITION	06/09/17
-	ISSUED TO FRANCHISE	06/09/17
-	ISSUED FOR BID (ID ONLY)	07/21/17
-	ISSUED TO FRANCHISE	08/17/17
-	ISSUED FOR PERMIT	08/04/17
-	FOR FINAL APPROVAL	10/02/17
_	ISSUED FOR PERMIT	11/28/17
-	RE-ISSUED FOR PERMIT	03/07/18
-	REV. DETAILS ON A700.2	06/04/18
П	REV. 90% REVIEW	
	COMMENTS	04/24/19
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NO. DESCRIPTION



ARCHITECTURE
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ALOFT MEMPHIS DOWNTOWN

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006

DATE: 8-4-2017

DRAWN BY: RS, BS, MV,AN
CHKD. BY: MWT

UL ASSEMBLIES

SHEET A700.8

17/19

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. U914

August 31, 2015

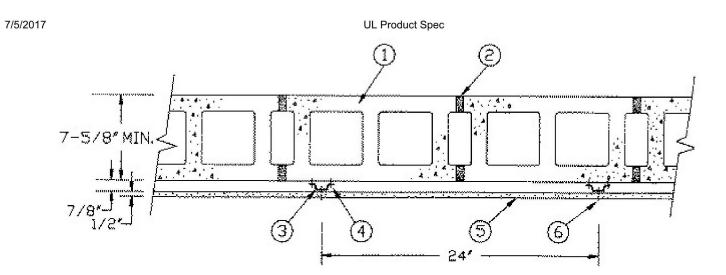
Bearing Wall Rating — 3 HR.

Nonbearing Wall Rating — 3 HR.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

http://productspec.ul.com/document.php?id=BXUV.U914



- 1. Concrete Blocks* Various designs. Classification D-2 (2 hr). See **Concrete Blocks** category for list of eligible manufacturers.
- 2. **Mortar** Blocks laid in full bed of mortar, nom 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
- 3. Furring Channels Min 0.019 in. thick (25 gauge) galv steel, 1-3/8 in. wide on top and 2-9/16 in. or 2-3/4 in. or 2-23/32 in. wide at bottom by 7/8 in. deep. Spaced 24 in. OC perpendicular to floor with a channel parallel to and approximately 3 in. above floor and 3 in. below ceiling. Clearance between vertical and horizontal channels 1/2 in.
- 4. Channel Fasteners 1-1/4 in. long masonry screws with 3/16 in. body and 5/16 in. diameter head. Fasteners spaced 24 in. O.C. with the fasteners staggered on each long leg of the furring channel.
- 4A. Steel Framing Members* Alternate method used to attach furring channels (Item 3) to concrete blocks (Item 1). Clips spaced 48 in. OC., and secured to blocks with 1/4 in. dia. By 3 in. long concrete expansion anchor (Item 4B) through the center grommet. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Furring channels are friction fitted into clips. RSIC-1 clip for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) clip for use with 2-23/32 in. wide furring channels.

PAC INTERNATIONAL L C — Types RSIC-1, RSIC-1 (2.75).

4B. Concrete Expansion Anchor — (Not Shown) — 1/4 in. dia. by 3 in. long carbon steel, pre-assembled, nail drive expansion anchor with mushroom head driven into the web of the concrete block. Min. embedment in concrete block of 1-3/8 in. and evaluated in accordance with ASTM E 488 to have ultimate load capacities of 980 lbs (tension) and 1400 lbs (shear) when used in 2000 psi concrete.

http://productspec.ul.com/document.php?id=BXUV.U914

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4C. **Steel Framing Members*** — (Not Shown) — Alternate method used to attach furring channels (Item 3) to concrete blocks (Item 1). Clips spaced 24 in. OC., and secured to blocks with 1/4 in. dia. by 3 in. long concrete expansion anchor (Item 4B) through the center hole. Ends of adjoining channels are overlapped 6 in. and secured together with four self-tapping No. 8x1/2 Self Drilling screws (2 per side 1 in. and 4 in. from overlap edge). Furring channels are friction fitted into clips. Side joint furring channels shall be attached to concrete block with RESILMOUNT Sound Isolation Clips - Type A237R located approximately 2 in. from each end of length of channel. Both Gypsum Boards at side joints fastened into channel with screws spaced 8 in. OC, approximately 1/2 in. from joint edge. STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips -Type A237R

5. **Gypsum Board*** — 1/2 in. thick, 4 ft wide, secured to furring channels with wallboard fasteners (Item 6). Gypsum plaster not more than 1/16 in. thick may be applied to wallboard in addition to joint treatment. **ACADIA DRYWALL SUPPLIES LTD** — Type C.

AMERICAN GYPSUM CO — Types AG-C.

CERTAINTEED GYPSUM INC — Type C.

CGC INC — Types C, IP-X2, IPC-AR.

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A.

GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, TG-C.

NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-C, FSMR-C.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-

PANEL REY S A — Type PRC

THAI GYPSUM PRODUCTS PCL — Type C.

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UL Product Spec

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR.

USG BORAL ZAWAWI DRYWALL L L C SFZ — Type C

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR.

5A. **Gypsum Board*** — (As an alternate to Item 5) — 5/8 in. thick. Installed as described in Item 5. **NATIONAL GYPSUM CO** — Type FSMR-C.

- 6. **Wallboard Fasteners** 1 in. long, self-drilling, self-tapping steel screws with bugle heads. Fasteners attached to each furring channel and spaced 8 in. OC at butt joints and 12 in. OC in the field of the board parallel with furring channels. Clearance between fasteners and edges of wallboard 3/4 in.
- 7. **Joint System** (Not shown) Paper tape embedded in cementitious compound over joints. Paper tape and exposed screw heads covered with two layers of compound. Edges of compound feathered out.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

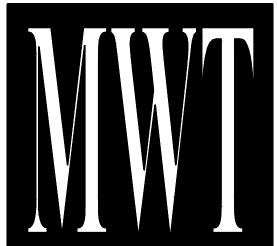
Last Updated on 2015-08-31

Design/System/Construction/Assembly Usage Disclaimer

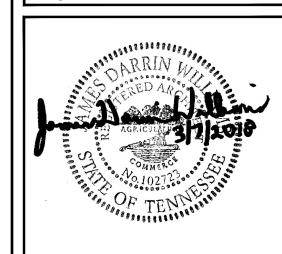
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- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.

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-	REV. DETAILS ON A700.2	06/04/18	AVK
	REV. 90% REVIEW		
	COMMENTS	04/24/19	AVK

DESCRIPTION



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> **ALOFT MEMPHIS DOWNTOWN**

63 NORTH B.B. KING BLVD. MEMPHIS, TENNESSEE 38103

PROJECT NO.: 16 006 DATE: 8-4-2017 DRAWN BY: RS, BS, MV,AN

CHKD. BY: MWT

UL ASSEMBLIES

| SHEET A700.9

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Design No. P728 BXUV.P728

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Fire Resistance Ratings - ANSI/UL 263

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- methods of construction.Only products which bear UL's Mark are considered Certified.

BXUV - Fire Resistance Ratings - ANSI/UL 263

BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. P728

February 27, 2017

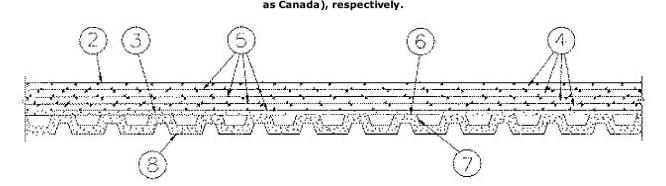
Restrained Assembly Rating — 1-1/2 or 2 Hr (See Item 4)

Unrestrained Assembly Rating - 1-1/2 Hr

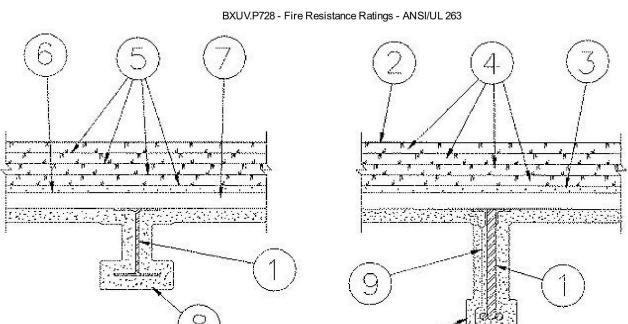
Unrestrained Beam Rating — 2 Hr This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used —

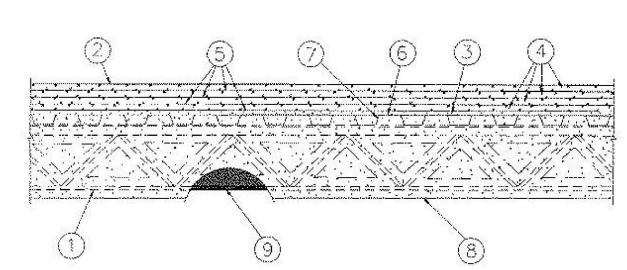
See Guide <u>BXUV</u> or <u>BXUV7</u>

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such



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SEE ITEM # 8 FOR SPRAY-APPLIED FIRE RESISTIVE MATERIAL THKNS

1. **Steel Supports** — W6x16 steel beam min size, or 10K1 steel joist min size with a max allowable tensile stress of 30,000 psi. As alternate to steel beam or steel joists, **joist girders** (Not Shown) — 20 in. min depth and 13 lb/lin ft

2. **Roof Covering** — Consisting of hot mopped or cold application bituminous materials compatible with the insulation(s) described herein which provide Class A, B or C coverings.

See Building Materials Directory Roof Covering Materials (TEVT).

2A. **In lieu of Item 2, roof covering consisting of single-ply Roofing Membranes*** — that is either ballasted, adhered or mechanically attached as permitted under the respective manufacturer's Classification.

See Roofing Membranes (CHCI) category for names of manufacturers.

3. **Gypsum Board** — (Classified or Unclassified) — Supplied in sheets from nom 2 by 4 ft to a 4 by 12 ft, by nom 5/8 in. thick. Min weight 2.2 psf applied perpendicular to steel roof deck direction with adhesive (Item 5), hot asphalt (Item 5A) or laid loosely. End joints to occur over crests of steel roof and to be staggered 2 ft in adjacent rows. **ACADIA DRYWALL SUPPLIES LTD** (View Classification) — CKNX.R25370

AMERICAN GYPSUM CO (View Classification) — CKNX.R14196

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BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO (View Classification) — CKNX.R19374

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CERTAINTEED GYPSUM INC (View Classification) — CKNX.R3660

CGC INC (View Classification) — CKNX.R19751

CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C (View Classification) — CKNX.R18482

GEORGIA-PACIFIC GYPSUM L L C (View Classification) — CKNX.R2717

LOADMASTER SYSTEMS INC (View Classification) — CKNX.R11809

NATIONAL GYPSUM CO (View Classification) — CKNX.R3501

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM (View Classification) — CKNX.R7094

PANEL REY S A (View Classification) — CKNX.R21796

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD (View Classification) — CKNX.R19262

THAI GYPSUM PRODUCTS PCL (View Classification) — CKNX.R27517

UNITED STATES GYPSUM CO (View Classification) — CKNX.R1319

USG MEXICO S A DE C V (View Classification) — CKNX.R16089

4. **Foamed Plastic*** — 36 by 48 in. (min size) polyisocyanurate foamed plastic insulation boards applied in one or more layers. Min thickness is 1 in. with no limit on max overall thickness for the 1-1/2 hr Restrained Assembly Rating. Thickness shall be 4 in. for the 2 hr Restrained Assembly Rating. Boards to be installed with end joints staggered a min of 6 in. in adjacent rows. When applied in more than one layer, each layer to be offset in both directions from layer below (and from gypsum wallboard joints) a min of 6 in. in order to lap all joints.

ATLAS ROOFING CORP — ACFoam II, ACFoam III, ACFoam-II SL, ACFoam IV

CARLISLE SYNTEC INCORPORATED — Types HP, HP-H, HP-N, HP-W

DOW ROOFING SYSTEMS L L C — "Dow Termico Polyisocyanurate Insulation", "Dow Termico ISO 3000 Insulation", "Dow Termico ISO HP-FR"

FIRESTONE BUILDING PRODUCTS CO L L C — "ISO 95+ GL", "ISO 95+ FK", "ISO 95+ CAN", "ISO 95+ GL NH", "ISOGARD HD Composite Board" or "RESISTA"

GAF — EnergyGuard™, EnergyGuard™ NH, EnergyGuard RH, Tapered EnergyGuard RH

GENFLEX ROOFING SYSTEMS L L C — "GenFlex ISO"

HUNTER PANELS — H Shield

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4/12/2017 BXUV.P728 - Fire Resistance Ratings - ANSI/UL 263

JOHNS MANVILLE — ENRGY 3 25 psi, ENRGY 3, Tapered ENRGY 3, Tapered ENRGY 3 25 psi, ENRGY 3 AGF, Tapered ENRGY 3 AGF, ENRGY 3 CGF, ENRGY 3 CGF, ENRGY 3 CGF, ENRGY 3 CGF, Tapered ENRGY 3 CGF, Tapered ENRGY 3 CGF, ENRGY 3 25 psi CGF, Tapered ENRGY 3 25 psi CGF, ISO-3, Tapered ISO-3, ValuTherm, Tapered ValuTherm, ValuTherm 25 psi, Tapered ValuTherm 25 psi, ValuTherm AGF, Tapered ValuTherm AGF, ValuTherm 25 psi AGF, Tapered ValuTherm CGF, ValuTherm CGF, ValuTherm 25 psi CGF

LOADMASTER SYSTEMS INC — Loadmaster Polyisocyanurate Insulation

MARTIN FIREPROOFING CORP - "Perform-A-Deck I"

RMAX OPERATING L L C — Multi-Max-3, Multi-Max FA-3, Ultra-Max, Ultra-Max Plus, Tapered Ultra-Max Plus, Tapered Thermaroof-3, Tapered Thermaroof FA-3, Tapered Ultra-Max

SIKA SARNAFIL INC - Sarnatherm r, Sarnatherm r Ultra, Sarnatherm r Tapered, Sarnatherm r Ultra Tapered

SIPLAST INC — Paratherm G

4A. **Building Units*** — As an alternate to Item 4, polyisocyanurate foamed plastic insulation boards faced on the underside (or both sides) with mineral fiber board. Min thickness of polyisocyanurate core is 1 in. for the 1-1/2 hr Restrained Assembly Rating and 4 in. for the 2 hr Restrained Assembly Rating. No limit on max overall thickness. Boards to be installed with end joints staggered a min of 6 in. in adjacent rows

JOHNS MANVILLE — Fesco-Foam

4B. **Building Units*** — As an alternate to Items 4 and 4A, polyisocyanurate foamed plastic insulation boards, nom 48 by 48 or 96 in., faced on the top surface with oriented strand board or plywood. Min thickness of polyisocyanurate core is 1 in. for 1-1/2 hr Restrained Assembly Rating and 4 in. for the 2 hr Restrained Assembly Rating. No limit on max overall thickness. Boards to be installed with end joints staggered a min of 6 in. in adjacent rows.

 ${\bf ATLAS\ ROOFING\ CORP-ACFoam\ Nail\ Base\ Insulation,\ Vented-R,\ ACFoam\ CrossVent,\ ACFoam\ III\ Nail\ Base\ Insulation,\ ACFoam\ III\ CrossVent}$

JOHNS MANVILLE — Nailboard

SOPREMA INC — Sopra-ISO CV s

4C. **Building Units*** — As an alternate to Items 4 through 4B, polyisocyanurate foamed plastic insulation boards faced on the underside with wood fiber board. Min thickness of the polyisocyanurate core is 1 in. for the 1-1/2 hr ratings and 4 in. for the 2 hr ratings. No limit on max overall thickness. Boards to be installed with end joints staggered a min of 6 in. in adjacent rows.

JOHNS MANVILLE — ENRGY-2 Plus

4D. **Building Units*** — Not Shown — As an alternate to Items 4 through 4C, for use with 1-12 hr assembly ratings only, composite polyisocyanurate foamed plastic insulation board with an adhered nailing surface, nom 48 by 48 or 96 in. may be used with the following limitations. These composite building units have ventilation slots internal to the panels. The thickness of the panel depends upon the thinnest portion of the polyisocyanurate insulation. The following dimensions apply to the polyisocyanurate insulation, min 2 in. thick. There is no limit on the max insulation thicknessS. **JOHNS MANVILLE** — Type ISO-VENT

4E. **Building Units*** — As an alternate to Items 4 through 4D, polyisocyanurate foamed plastic insulation boards, nom 48 by 48 or 96 in., faced on the top surface with gypsum board. Min thickness of the polyisocyanurate core is 1 in. for 1-1/2 hr Restrained Assembly Rating and 4 in. for the 2 hr Restrained Assembly Ratings. No limit on overall thickness. Boards to be installed with end joints staggered a min of 6 in. in adjacent rows.

JOHNS MANVILLE — ENRGY 2 Gypsum Composite

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4F. **Foamed Plastic*** — Optional — (Not Shown) — Maximum 1 in. thick polyisocyanurate foamed plastic insulation boards, nom 48 by 48 or 96 in. Boards may be applied as the top layer in addition to the specified minimum thickness of any roofing system described herein, as long as the roofing system states that there is no limit on maximum thickness. Joints offset in both directions from layer below.

FIRESTONE BUILDING PRODUCTS CO L L C — "ISOGARD HD"

4G. **Foamed Plastic*** — **As an alternate to Items 4 through 4F** — Polyurethane foamed plastic roof insulation. Formed by the simultaneous spraying of two liquid components applied over the gypsum board (Item 3) in accordance with the manufacturer's instructions. Min thickness is 1 in. with no limit on max overall thickness for the 1-1/2 hr Restrained Assembly Rating. Thickness shall be min 4 in. for the 2 hr Restrained Assembly Rating.

BASF CORP — Types FE348-2.5, FE348-2.8, FE348-3.0, ELASTOSPRAY 81255, ELASTOSPRAY 81285, ELASTOSPRAY 81305, SKYTITE 2.5, SKYTITE 2.8 or SKYTITE 3.0

BASF CORP — Elastospray 5100-2.0, Elastospray 5100-2.5, Elastospray 81302, Elastospray 81272, Elastospray Alpha System, Elastospray 81252

5. **Adhesive*** — (Optional) — May be applied between crests of steel roof deck and vapor retarder, between vapor retarder and first layer of insulation, and between layers of insulation. Applied in 1/2 in. wide ribbons 6 in. OC at 0.4

See **Adhesives** (BYWR) category for names of manufacturers.

5A. **Asphalt Or Coal Tar Pitch*** — (Optional — Not Shown) — In lieu of Item 5, used to attach the first layer of insulation to vapor retarder and each additional layer of roof insulation. Applied at a max rate of 25 lb/100 sq ft.

5B. **Mechanical Fasteners** — (Optional — Not Shown) — Mechanical screw-type fastener with metal washer designed for the purpose may be used to attach one or more layers of insulation to steel roof deck.

5C. **Adhesive*** — (Optional) — (Bearing the UL Classification Marking for Roof Systems (TGFU)) — The vapor retarder, the gypsum wallboard or the first layer of roof insulation may be secured with adhesive to the steel crest surfaces. Also used to attach the vapor retarder to gypsum wallboard, the first layer of insulation to vapor retarder or gypsum wallboard and each additional layer of insulation. Applied at a max rate of 19.8 g/ft². When FAST 100 adhesive is used, additional **Spray-Applied Fire Resistance Materials*** (CHPX) is required on the deck for the 1-1/2 hr Unrestrained Assembly Ratings. The thickness specified for the deck shall be increased by 1/16 in. for 1-1/2 hr Unrestrained Assembly Rating.

CARLISLE SYNTEC INCORPORATED — FAST 100

6. Vapor Retarder — Sheathing Material* — (Optional) — Vinyl film or paper scrim vapor barrier, applied to steel roof deck with adhesive (Item 5), asphalt (Item 5A) or laid loosely, overlapped approximately 2 in. on adjacent sheets.

See Sheathing Material (CHIZ) category for names of manufacturers.

7. **Steel Roof Deck** — (Unclassified) — Min 1-1/2 in. deep and 30 in. wide galv fluted steel deck. Flutes 6 in. OC with crest width ranging from 3-5/8 to 5-1/16 in. Min gauge is 22 MSG. Ends overlapped at supports min 1-1/2 in. and welded to supports at deck laps and a max of 12 in. OC between sides of units. Side laps of adjacent units welded, button-punched or secured together with No. 12 by 3/4 in. long self-drilling, self-tapping steel screws spaced a max of 36 in. OC. **Classified Steel Floor and Form Units*** Noncomposite, 1-1/2 in. deep, galv units, min gauge is 22 MSG. Welded to supports with welding washers 12 in. OC. Side lap joints of adjacent units welded or secured together with No. 12 by 1/2 in. Self-drilling, Self-tapping steel screws midway between steel joists.

CANAM STEEL CORP — Type P-3606 or P-3615

8. **Spray-Applied Fire Resistive Materials*** — Applied by mixing with water and spraying in more than one coat to the thicknesses shown below, to steel surfaces which are clean and free of dirt, loose scale and oil. Min avg and min ind density of 17 and 16 pcf, respectively. For method of density determination, see Design Information Section, Sprayed Material. Spray-Applied Fire Resistive Materials on steel deck shall cover screw tips by 1/2 in. min. The min thickness of Spray-Applied Fire Resistive Materials required for various fire resistance ratings are shown in the table below:

Restrained	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Spray Applied Fire Resistive Mtl Thkns In.		
Assembly Rating Hr			On Deck#	On Beam	On Joist
1-1/2*	1-1/2	2	1-7/16	15/16	1-7/8
2*	1-1/2	2	1-7/16	15/16	1-7/8

The required minimum thickness of Spray-Applied Fire Resistive Materials on the steel deck is increased by 1/16 in. for 1-1/2 hr Unrestrained Assembly Rating when Item 5C is used.

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4/12/2017 BXUV.P728 - Fire Resistance Ratings - ANSI/UL 263

* See Item 4.

CARBOLINE CO — Type 1

9. **Glass Fiber Mesh** — (Optional) — Min 3/32 in. square mesh, coated fiberglass scrim fabric, weighing a min of 1.9 oz/sq yd shall be attached to one side of each joist web member. The method of attachment must be sufficient to hold the mesh and fire protection material during application and curing of the material. An acceptable method of attaching the mesh is by embedding the mesh in min 1/4 in. long beads of hot melted glue. The beads of glue shall be spaced min 12 in. OC along the top chord of the bar joists. Another method of attachment is the use of 1-1/4 in. long, 1/2 in.

9A. **Metal Lath** — (Optional — Not Shown) — In lieu of Item 9, diamond mesh, 3/8 in. expanded steel, min 2.5 lb/sq yd fastened to one side of joists using No. 18 SWG steel tie wire, located at the midheight of every other web member or 18 in. OC whichever is less. Both sides of lath must be completely coated with Spray-Applied Fire Resistive Materials.

wide hairpin clips formed from 0.064 in. diam steel wire, alternating from top to bottom of the joist web membe

10. **Bridging** — (Not Shown) — Min 1-1/4 by 1-1/4 by 1/8 in. thick steel angles welded to top and bottom chords of each joist. Number and spacing of bridging angles per Steel Joist Institute specification. Bridging coated with the same thickness of Spray-Applied Fire Resistive Materials as the joist — See Item 8.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2017-02-27

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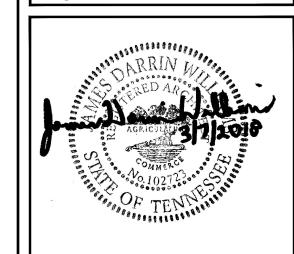
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PROJECT NO.: 16 006

DATE: 8-4-2017
DRAWN BY: RS, BS, MV,AN
CHKD. BY: MWT

UL ASSEMBLIES

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BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

See General Information for Fire-resistance Ratings - ANSI/UL 263

See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. D715

October 22, 2015

Restrained Assembly Rating — 3 Hr.

Unrestrained Assembly Ratings — 2 and 3 Hr.

Unrestrained Beam Ratings — 2 and 3 Hr.

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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Beam — W8x24, min size.

- 1. **Normal-Weight or Lightweight Concrete** Normal-Weight Concrete: Carbonate or siliceous aggregate, 148 (+ or -) 3 pcf unit weight, 2000 psi compressive strength, vibrated. Light-Weight Aggregate Concrete: Expanded shale, clay, or slate aggregate by rotary-kiln method, 112 + 3 pcf unit weight, 3000 psi compressive strength vibrated, 4 to 7 percent entrained air.
- 2. **Steel Floor and Form Units*** Composite. All 2 or 3 in. deep, 24 or 36 in. wide, 18 MSG min fluted units. Welded to supports 8 in. OC. Unless noted otherwise, adjacent units button-punched or welded together 36 in. OC along joints.

CANAM STEEL CORP — 36 in. wide Type P-3623 composite.

KAM INDUSTRIES LTD, DBA CORDECK — 24 in. wide Type QL-21.

CANAM STEEL CORP — 24 in. wide Types LF2, LF3 units; 24 in. wide Type NL. Types LF2, LF3, NL units may be phos/ptd.

EPIC METALS CORP — 24 in. wide Types EC300, EC366; 36 in. wide Type EC266

GENS METALS INC — 24 in. wide Types EC300, EC366; 36 in. wide Type EC266.

MARLYN STEEL DECKS INC — Type 2.0 CF or 3.0 CF.

MORIN CORP — 36 in. wide Type LXR-2W.

VULCRAFT, DIV OF NUCOR CORP — 24 or 36 in. wide Types 2VLI, 2.0PLVLI, 3VLI, 3.0PLVLI. Units may be phos/ptd. 24 or 36 in wide Types 2.0 SB, 3.0 SB.

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2017 UL Product Spec

Alternate Construction — Noncomposite units of the same type listed above may be used provided allowable loading is calculated on the basis of noncomposite design.

- 3. **Joint Cover** Burlap tape applied with a bituminous adhesive.
- 4. **Hanger Tabs** Depressed tabs, in rows 8 in. OC, staggered 2 in. OC between rows, to be used in units without the diagonal lugs.

5. **Spray-Applied Fire Resistive Materials*** — Spray applied by mixing with water in more than one coat, to a final thickness as shown below, to steel surfaces which are clean and free of dirt, loose scale and oil. Min avg and min ind density of 15/14 pcf respectively. Min avg and min ind density of 19/18 pcf respectively for Types 7GP and 7HD. For method of density determination, refer to Design Information Section.

Restrained Assembly Rating Hr	Unrestrained Assembly Rating Hr	Unrestrained Beam Rating Hr	Beam Min Thk In.
_	3	3	1-1/2
3	2	2	1-1/4

GCP KOREA INC — Types MK-6/CBF, MK-6/ED, MK-6/HY, MK-6s, Monokote Acoustic 1.

PYROK INC — Type LD.

SOUTHWEST FIREPROOFING PRODUCTS CO — Types 4, 5, 5EF, 5GP, 5MD, 7GP, 7HD, 8EF, 8GP, 8MD, 9EF, 9GP, 9MD.

GCP APPLIED TECHNOLOGIES INC — MK-6/HY, MK-6s, Monokote Acoustic 1, RG.

6. **Metal Lath** — (Not Shown) — Where Type 7HD is applied to steel deck, 3/8 in. metal ribbed lath weighing 3.4 lb/yd² shall be secured to the underside of the steel deck (ribs upward) with S-12 by 3/8 in. long pan head, self-tapping steel screws spaced 12 in. OC in all directions. Steel screws shall be fitted with 1/2 in. diameter steel washers. Adjacent pieces of lath shall be overlapped 1 in. min.

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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Last Updated on 2015-10-22

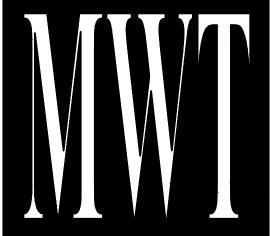
http://productspec.ul.com/document.php?id=BXUV.D715

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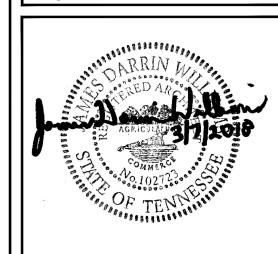
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Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered Certified.



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