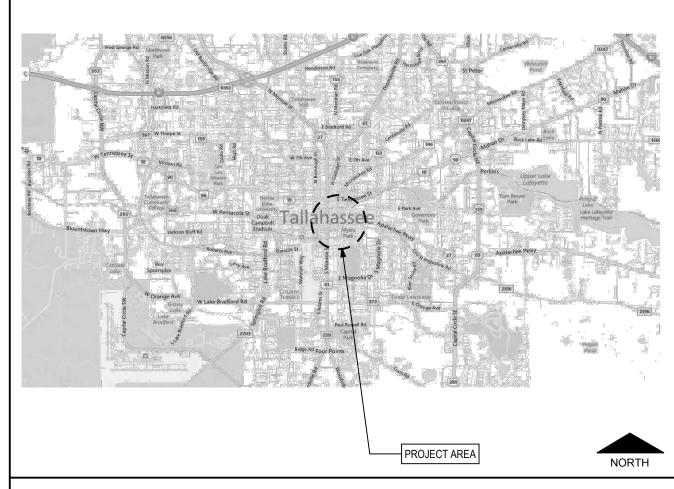


## **Location Map**



# Bank of America Building

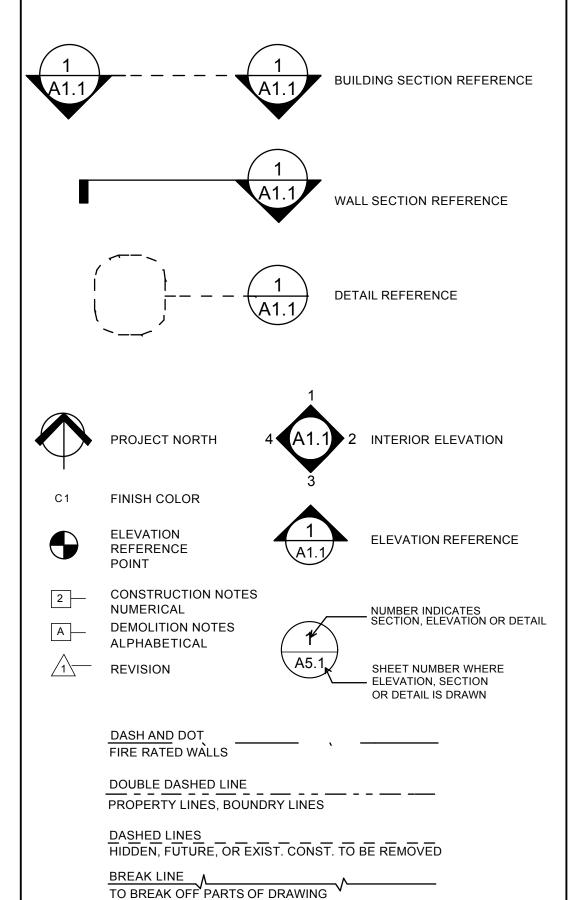
7<sup>th</sup> Floor Renovations

Tallahassee, Florida for

Leon County Facilities 100% Construction Documents

> March 29, 2013 AL+W Project #11196.2

## Area Map



2) ALL DIMENSIONS ARE TO THE FACE OF STUD OR STUD TRACK, CENTER LINE OF STUD OR STUD TRACK, FACE OF MASONRY AND TO THE CENTER LINE OF STRUCTURAL STEEL COLUMNS, UNLESS OTHERWISE INDICATED.

3) WHERE STRUCTURAL DESIGN LOADS ARE NOT PROVIDED FOR ANY COMPONENTS REQUIRING MANUFACTURER OR FABRICATOR ENGINEERING, AND MINIMUM LOADING CONDITIONS ARE NOT PROVIDED IN APPLICABLE CODES AND STANDARDS, CONSULT ARCHITECT PRIOR TO PROCEEDING.

4) DIMENSIONS FOR PATHS OF EGREES INCLUDING CORRIDORS AND STAIRS SHALL MEAN CLEAR WIDTH BETWEEN CORRIDOR WALLS, AND AT STAIRS CLEAR WIDTH BETWEEN WALLS OR CURBS 5) DO NOT SCALE DRAWINGS, IF THERE IS A CONFLICT IN DIMENSIONS OR IF THERE IS INSUFFICIENT DIMENSIONING, CONTACT THE

ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING 6) IF AN ORDER OF PRECEDENT FOR THE INTERPRETATION OF DOCUMENTS IS NOT PROVIDED IN THE PROJECT MANUAL (IF PROVIDED), AND A CONFLICT OCCURS IN THE SPECIFICATIONS, ON THE DRAWINGS, OR BETWEEN THE DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT. ALL REQUEST FOR CLARIFICATION TO THE ARCHITECT SHALL BE MADE IN WRITING. THE ARCHITECT'S RESPONSE SHALL BE MADE IN WRITING AND NO FORMAL INSTRUCTIONS SHALL BE GIVEN VERBALLY.

WALL OR CLEAR FLOOR AREA BETWEEN BUILDING COMPONENTS. 8) ALL FIRE RATED PARTITION OR WALL ASSEMBLIES SHALL EXTEND FROM THE FLOOR SLAB TO THE UNDERSIDE OF THE BUILDING STRUCTURE AND/OR DECK ABOVE. ALL PENETRATIONS IN RATED CONSTRUCTION SHALL BE PROPERLY SEALED TO

7) WHERE CLEAR DIMENSIONS ARE INDICATED. THIS SHALL MEAN CLEAR WIDTH FROM FINISHED WALL TO FINISHED

9) ALL FIRE RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLIES SHALL BE CONTINUOUS BETWEEN PARTITIONS AND/OR WALLS FOR THE SPACE OR HORIZONTAL AREA INDICATED. ALL PENETRATIONS IN RATED CONSTRUCTION SHALL BE PROPERLY SEALED

10) TYPICAL AND STANDARD DETAILS MAY BE PROVIDED IN THE DRAWINGS. IF A SPECIFIC DETAIL IS NOT PROVIDED FOR CONDITION OF FABRICATION AND/OR INSTALLATION, CONTACT THE ARCHITECT PRIOR TO PROCEEDING.

11) THE INSTALLATION OF MECHANICAL, PLUMBING AND ELECTRICAL ITEMS (INCLUDING UTILITIES, ROUGH-INS, SYSTEM COMPONENTS AND FINISHED FIXTURES) IN EXPOSED TO VIEW AREAS OR SPACES SHALL BE UNDERTAKEN WITH SKILL AND CRAFTMANSHIP TO PROVIDE A FINISHED CONDITION ACCEPTABLE TO THE ARCHITECT. ALL EXPOSED TO VIEW ITEMS SHALL BE FINISHED WITH PAINT UNLESS OTHERWISE SPECIFIED TO BE PREFINISHED OR NOT TO BE PAINTED.

12) THESE GENERAL NOTES HAVE THE SAME AUTHORITY AS OTHER NOTES AND REFERENCES IN THE DRAWINGS OR SPECIFICATIONS AND SHALL NOT BE EXCLUDED IN THE EXECUTION OF THE WORK. THEY MAY REQUIRE COORDINATION BETWEEN VARIOUS TRADE CONTRACTORS. IN ADDITION TO THESE GENERAL NOTES, REFER TO DEMOLITION AND CONSTRUCTION NOTES SPECIFIC TO EACH DRAWING.

13) THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL REASONABLE SAFEGUARDS FOR SAFETY AND HEALTH, INCLUDING POSTING DANGER SIGNS AND OTHER WARNING AGAINST HAZARDS, AS WELL AS PROMULGATING SAFETY STANDARDS. 14) THE CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY THE OWNER FOR ON-SITE STORAGE OF MATERIALS 15) THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK PREMISE AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF

ALL DEBRIS DAILY. THE WORK PREMISE SHALL BE CLEAN AT COMPLETION OF JOB AND BEFORE FINAL PAYMENT IS MADE. 16) THE CONTRACTOR SHALL TAKE CARE NOT DAMAGE EXISTING SURFACES AND SHALL BE RESPONSIBLE FOR RESTORING AREAS DAMAGED BY THE CONTRACTOR (MATERIALS, FINISHES, ETC.) TO THEIR ORIGINAL CONDITIONS. SURFACES SHALL BE REPAINTED TO MATCH EXISTING ADJACENT FINISHES.

-ADJACENT -ABOVE FINISH FLOOR -ALUMINUM ASTM -AMERICAN SOCIETY OF TSTG. & MTLS. FL -FLOOR BLDG -BUILDING FTG -FOOTING -MISCELLANEOUS BLT -BOLT -MARK BM -BEAM -MASONRY OPENING BOT -BOTTOM GALV -GALVANIZED -MOUNTED -BEARING GEN -GENERAL -MULLION GND -GROUND -CENTER TO CENTER GWB -GYPSUM WALLBOARD -CEMENT GYP -GYPSUM -NOT APPLICABLE -CUBIC FEET -NOT IN CONTRACT -CUBIC FEET PER MINUTE HC -HANDICAPPED ACCESSIBLE -CORNER GUARD HDR -HEADER -NON SHRINK -CIRCLE, CIRCULAR HDRL -HANDRAIL CIP -CAST-IN-PLACE HM -HOLLOW METAL -CONTROL JOINT HORZ -HORIZONTAL -CEILING -ON CENTER CLO -CLOSET -OUTSIDE DIAMETER -CLEARANCE, CLEAR ID -INSIDE DIAMETER (DIM.) -OVERHEAD -CONCRETE MASONRY UNIT IN -INCHES -OPPOSITE COL -COLUMN -OPPOSITE HAND **INSUL -INSULATION** OPPH COMP - COMPRESSOR, COMPOSITE INT -INTERIOR CONC -CONCRETE -POUNDS PER CUBIC FOOT **CONSTR-CONSTRUCTION** JAN -JANITOR -PARKING CONT -CONTINUOUS JB -JAMB CORR -CORRUGATED JT -JOINT -PLASTIC LAMINATE -COUNTERSINK PLYWD -PLYWOOD CTR -CENTER -KIPS (KILO POUND OR 1000LBS.) PNL -KILN DRIED PREFAB -PREFABRICATED -STEEL ANGLE, LENGTH -DEGREES LAM -LAMINATED -POUNDS PER SQUARE FOOT DTL DF -DETAIL LAV -LAVATORY -POUNDS PER SQUARE INCH -DRINKING FOUNTAIN LBS -POUNDS -PRESSURE TREATED, PAINT, POINT VT -DIAMETER LH -LEFT HAND -POLYVINYL CHLORIDE -DIMENSION LL -LIVE LOAD -PAVEMENT LLH -LONG LEG HORIZONTAL -DOWN -DOWNSPOUT LLV -LONG LEG VERTICAL -QUALITY CONTROL DTL -DETAIL LTL -LINTEL -QUARRY TILE DWG -DRAWING LTWT -LIGHTWEIGHT LVR -LOUVER -REINFORCED, REINFORCEMENT -EXPANSION JOINT -REQUIRED ELEC -ELECTRICAL -ELEVATOR, ELEVATION -RIGHT HAND **ENCL** -ENCLOSURE EQ -EQUAL -ROUGH OPENING EQUIP -EQUIPMENT EWC -ELECTRICAL WATERCOOLER -EXHAUST

SPKLR -SPRINKLER -SQUARE SST -STAINLESS STEEL -STANDARD STL -STEEL STOR -STORAGE STRUCT -STRUCTURAL SUSP -SUSPENDED -TO BE DETERMINED -TELEPHONE -TEMPORARY, TEMPERATURE -TONGUE & GROOVE THK -THICK -TOP OF BEAM TOB -TOP OF CONCRETE -TOP OF FOOTING -TOP OF STEEL -STRUCTURAL TUBE STEEL -TELEVISION -TYPICAL -UNLESS OTHERWISE NOTED -VINYL COMPOSITION TILE

-VERTICAL -VESTIBULE VOL -VOLUME -VINYL TILE W/C -WATER CLOSET

-WELDED WIRE FABRIC

-WITHOUT

-WATERPROOF, WORKING POINT

## **Applicable Codes:**

Florida Building Code, Building (FBC-B) Florida Building Code, Existing Building (FBC-EB) 2010 Edition Florida Building Code, Mechanic Florida Building Code, Fuel Gas Florida Building Code, Plumbing 2010 Edition Florida Fire Prevention Code (FFPC) 2010 Edition 2008 Edition National Electrical Code (NEC)

NOTE: CONTRACTOR SHALL PROVIDE ANY INFORMATION AND/OR PRODUCT APPROVAL NUMBERS AS REQUIRED BY FLORIDA STATUTE 553.842 AND FLORIDA ADMINISTRATIVE CODE 9B-72

CS	Cover Sheet
D1.1	Demolition Plan
LS1.1	Life Safety Plan
A1.1 A2.1 A4.1 A5.1 A6.1	Floor Plan, General Notes, Construction Notes, Partition Types Finish Plan Interior Elevations and Details Door Schedule and Details and Millwork Sections and Fire Systems Reflected Ceiling Plan
E0.1 ED1.1 E1.1 E1.2 E4.1	Notes, Legend and Schedule - Electrical Demolition Plan Second Floor - Electrical Renovation Plan - Lighting Renovation Plan - Power Panel Schedules and Risers - Electrical
F1.1	Fire Protection

Legend of Architectural Symbols:

**Architectural General Notes:** 

DRAWN: REVIEWED: DATE: REVISIONS:

Standard Abbreviations:

architects lewis + whitlock 206 west virginia st. tallahassee. FL 32301

ph: 850 942 1718 | f: 850 942 2110

**Index of Drawings:** 

FL AA0003316

Standard Abbreviations, General **Notes, Architectural Symbols** and Index of Drawings

Sheet No:

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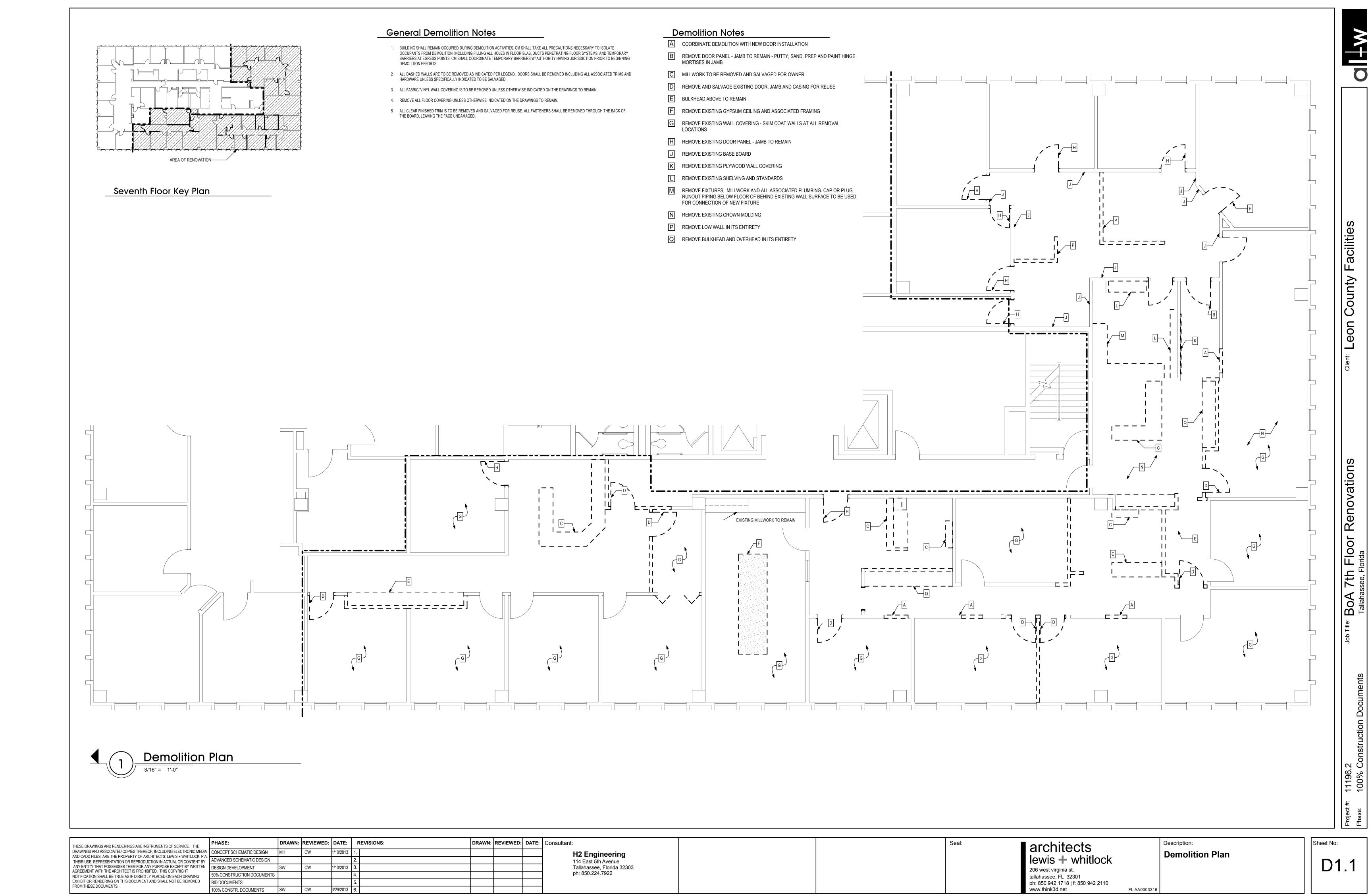
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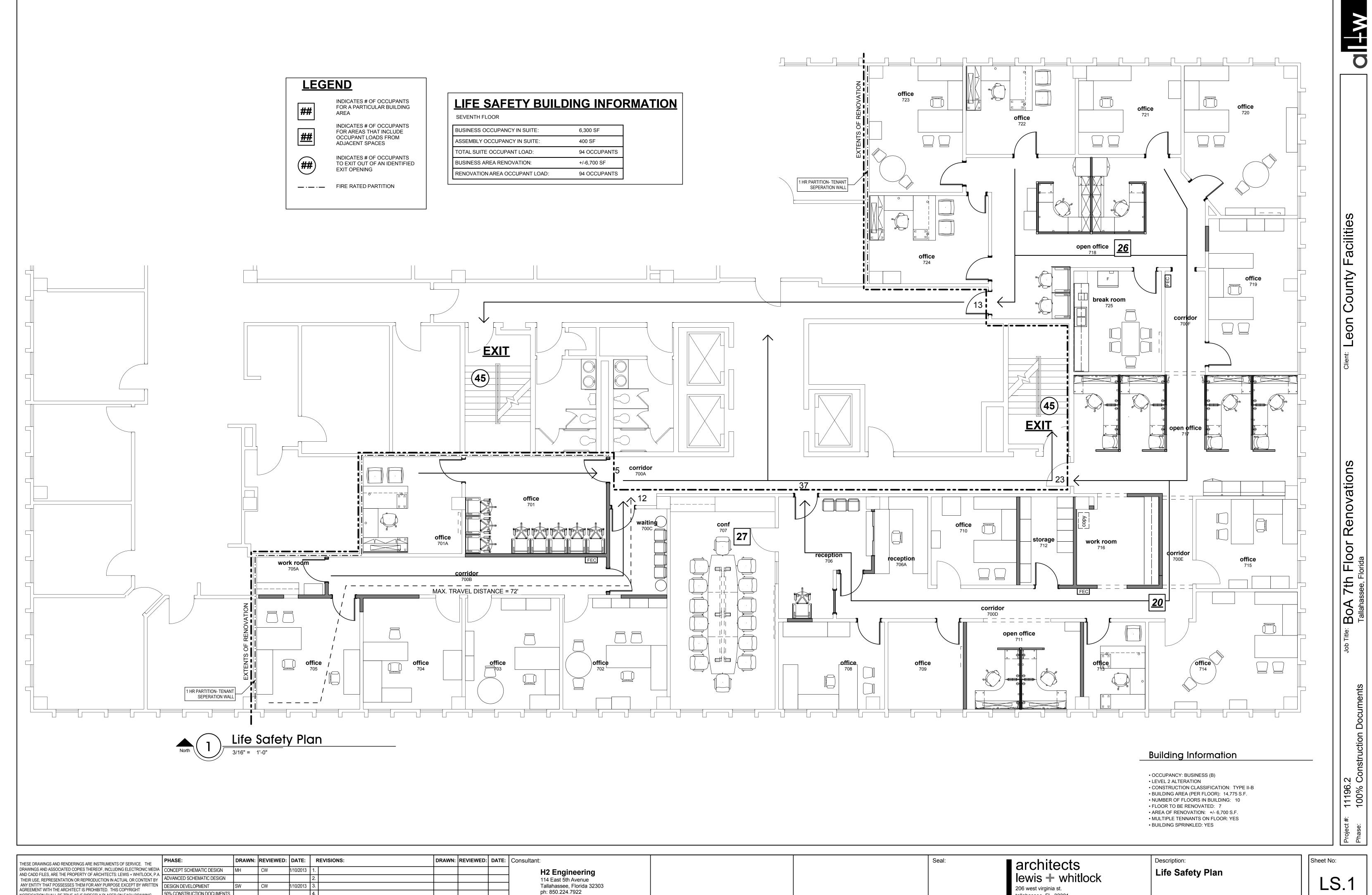
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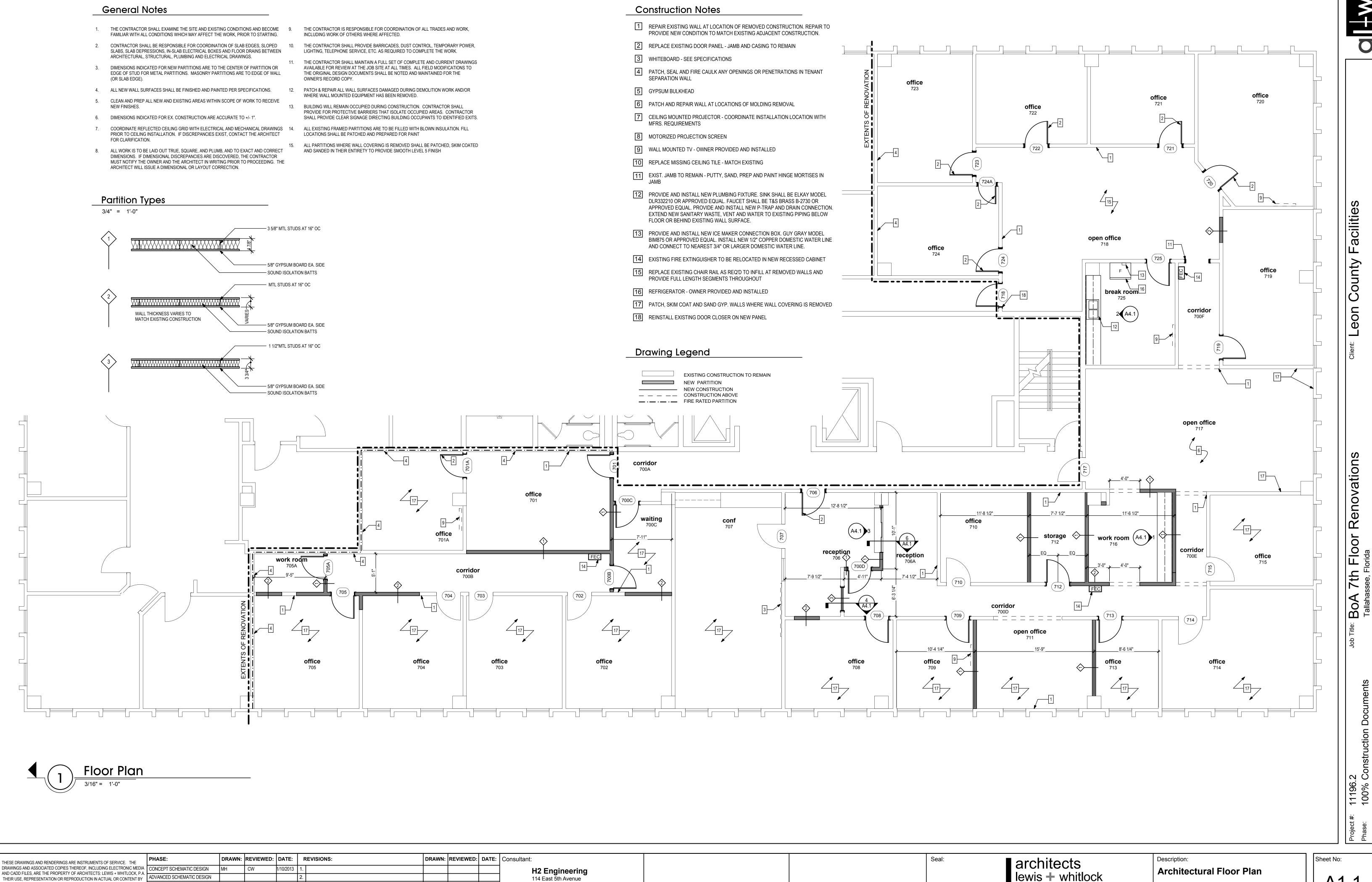
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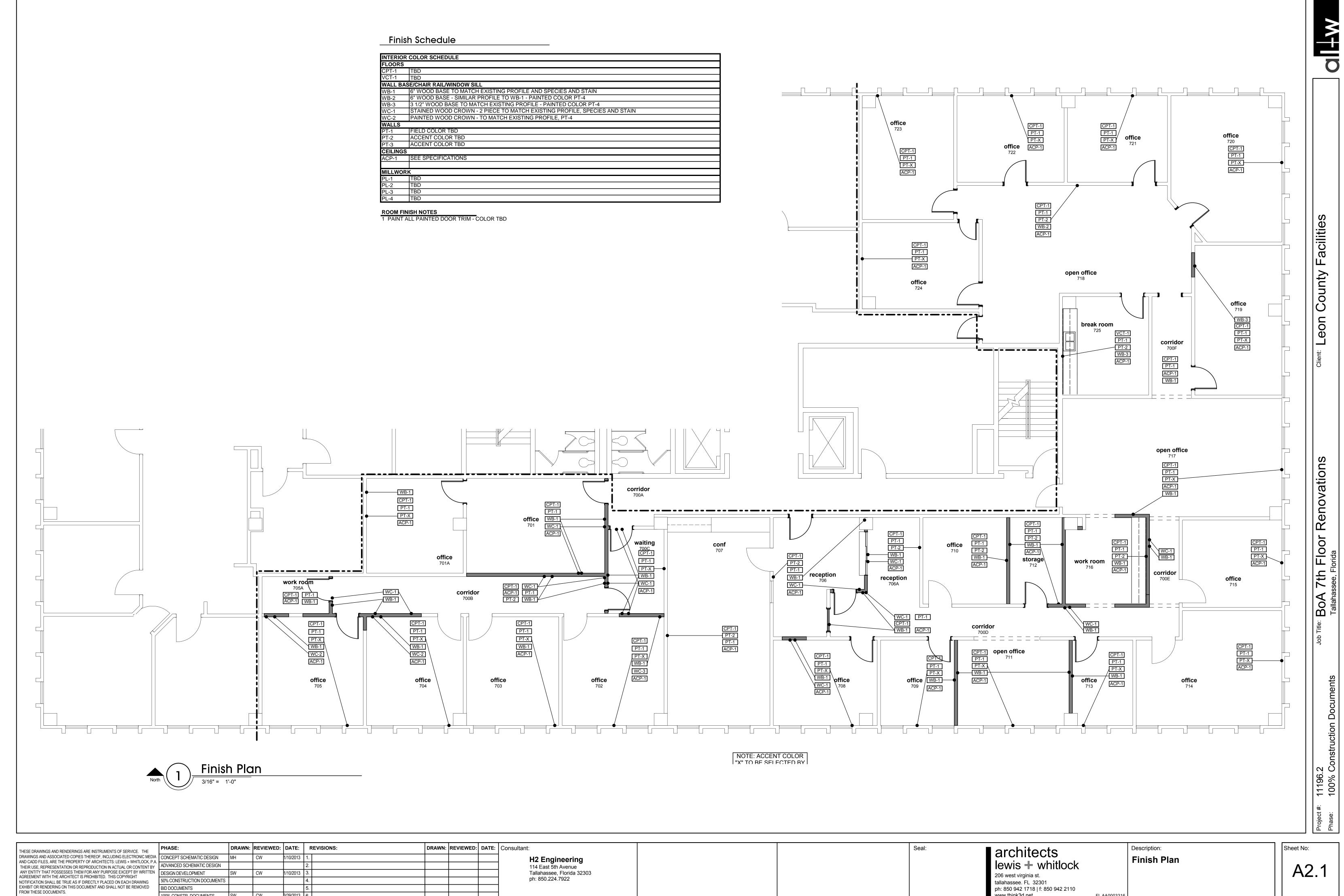
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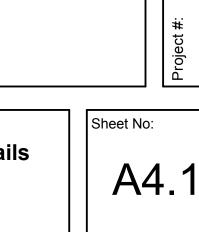
Leon County Facilities

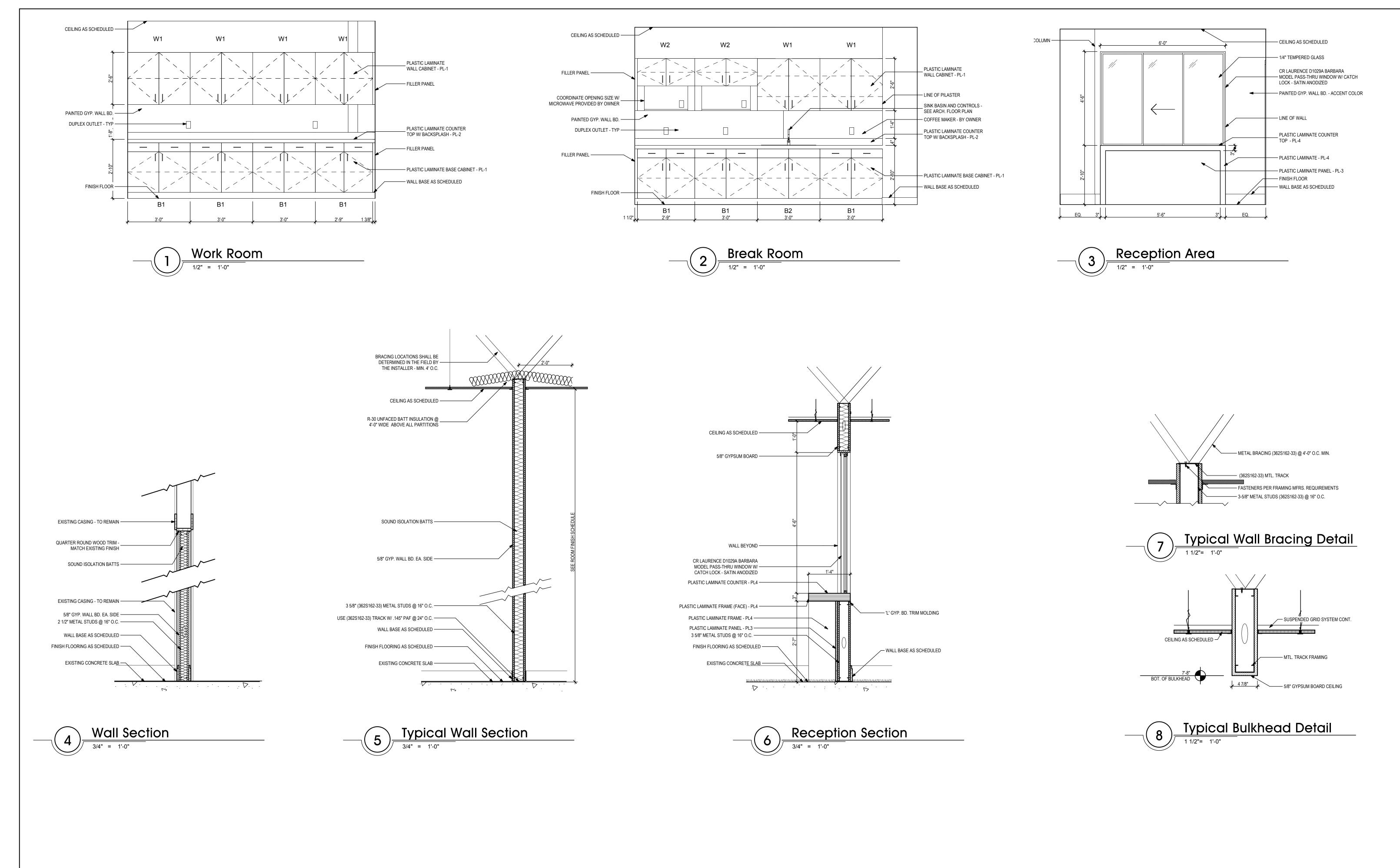
ations

BoA 7th Floor Renovations Tallahassee, Florida

Job Title: **BOA** ocuments Tallaha







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THOM THESE DOCUMENTS.	1000/

Seal:

—— 2X METAL FRAMING

— SOUND BATTS WHERE SCHEDULED

- DOOR AS SCHEDULED

- GWB - SEE PARTITION TYPES

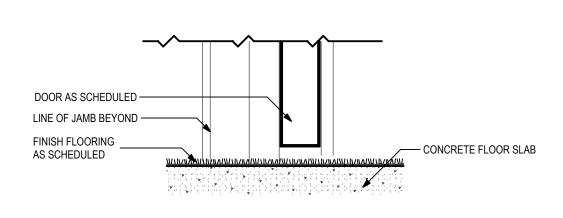
- METAL STUD HEAD

— SOUND BATTS WHERE SCHEDULED

NOTE: JAMB WIDTH MAY VARY BASED ON WALL TYPE

**NOTE**: JAMB WIDTH MAY VARY BASED ON WALL TYPE

Wood Interior Frame - Door Jamb 3" = 1'-0"

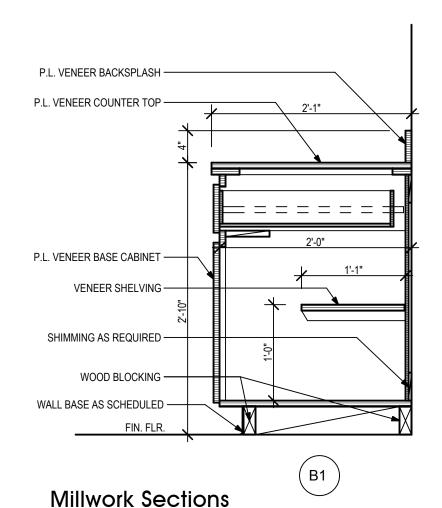


Threshold - Interior Door

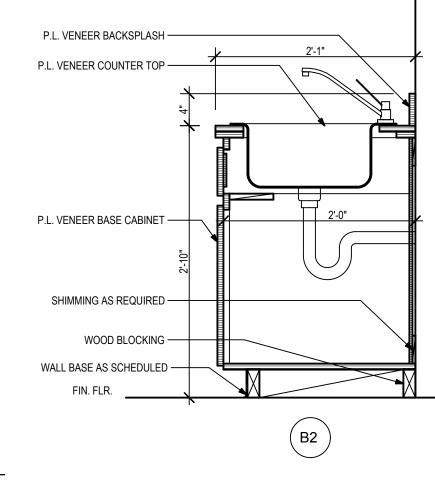
Door and Window Details

FL AA0003316

SHIMMING AS REQUIRED VENEER WALL CABINE ADJUSTABLE VENEER SHELVING SHIMMING AS REQUIRED EXTEND BOTTOM FOR MICROWAVE ( W2 )



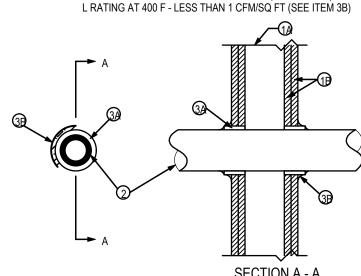
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#### Fire Systems

### SYSTEM NO. W-L-2003

F RATINGS - 1 AND 2 HR (SEE ITEM 3) T RATINGS - 1 AND 2 HR (SEE ITEM 3) L RATING AT AMBIENT - 7 CFM/SQ FT (SEE ITEM 3B)



- 1. WALL ASSEMBLY THE 1 OR 2 HR FIRE-RATED GYPSUM WALL BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
- A. STUDS WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUD TO CONSIST OF NOM 2 X 4 IN LUMBER SPACED 16 IN. O.C. WITH NOM 2 X 4 IN. LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN. 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACED MAX 24 IN. O.C.
- WALLBOARD GYPSUM 5/8 IN. THINK, FT WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALL BOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE IDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 3-1/8 IN.
- 2. THROUGH PENETRANTS ONE NON METALLIC PIPE OR CONDUIT TO BE CENTERED IN THE THROUGH OPENING. ANNULAR SPACE BETWEEN PIPE AND CONDUIT AND PERIPHERY OF OPENING SHALL BE MIN. 1/4 IN. AND MAX 3/8 IN. PIPE OR CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE FLOOR-CEILING ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF NON METALLIC PIPES MAY BE USED:
- A. POLYVINYL CHLORIDE (PVC) PIPE NOM. 2 IN. DIAMETER (OR SMALLER) SCHEDULE 40 SOLID CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR
- B. RIGID NON-METALLIC CONDUIT NOM 4 IN. DIAMETER (OR SMALLER) (SCHEDULE 40 OR 80 PVC CONDUIT INSTALLED IN ACCORDANCE WITH ARTICLE 347 OF THE NATIONAL ELECTRIC CODE
- C. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE NOM. 2 IN. DIAMETER (OR SMALLER) SDR17 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE, OR VENT)

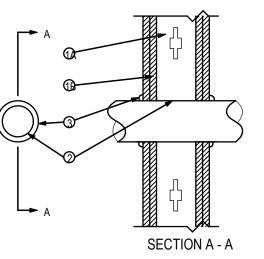
D. CELLULAR CORE POLYVINYL CHLORIDE (ccPVC) PIPE - NOM 2 IN. DIAMETER (OR SMALLER) SCHEDULE 40 CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR

- VENTED (DRAIN, WASTE, OR VENT) PIPING SYSTEMS. ACRYLONITRILE BUTADIENE STYRENE (ABS) PIPE - NOM. 2 IN. DIAMETER (OR SMALLER) SCHEDULE 40 SOLID CORE ABS PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED
- (DRAIN, WASTE OR VENT) PIPING SYSTEMS. CELLULAR CORE ACRYLONITRILE BUTADIENE STYRENE (ccABS) PIPE - NOM. 2 IN. DIAMETER F. (OR SMALLER) SCHEDULE 40 SOLID CORE ABS PIPE FOR USE IN CLOSED (PROCESS OR

SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS.

3. FIRE STOP SYSTEM - INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F AND T RATINGS FOR THE FIRE STOP SYSTEM ARE EQUAL TO THE HOURLY FIRE RATING OF THE WALL

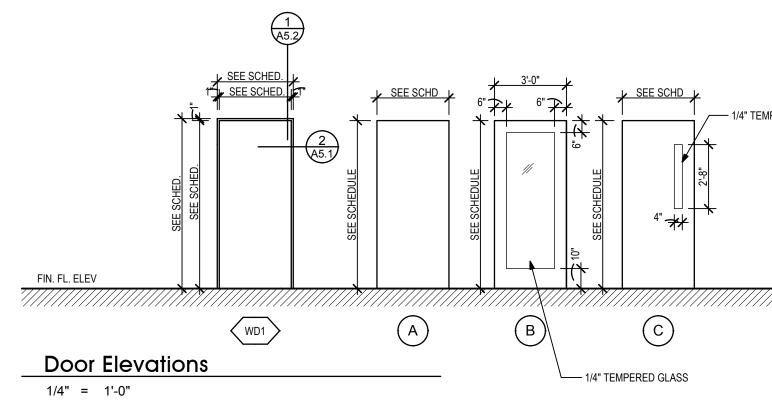
#### SYSTEM NO. W-L-1166 F RATINGS - 1 AND 2 HR (SEE ITEM 1B) T RATINGS - 0HR



- 1. WALL ASSEMBLY THE 1 OR 2 HR FIRE-RATED GYPSUM WALL BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE SPECIFIED U300 OR U400 SERIES WALL AND PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
- A. STUDS WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUD TO CONSIST OF NOM 2 X 4 IN LUMBER SPACED 16 IN. O.C. STEEL STUDS TO BE MIN. 3-1/2 IN. WIDE AND SPACED MAX 24 IN. O.C.
- B. WALLBOARD GYPSUM THICKNESS, TYPE, NUMBER OF LAYERS, AND FASTENERS TYPE AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX DIAM OF OPENING IS 5 IN. THE HOURLY F RATING OF THE FIRE STOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE

WALL ASSEMBLY IN WHICH IT WAS INSTALLED

- 2. THROUGH PENETRANTS ONE METALLIC PIPE, CONDUIT OR TUBING INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY WITHIN THE FIRE STOP SYSTEM. THE ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND PERIPHERY OF OPENING SHALL BE MIN. 0 IN. (POINT CONTACT) TO MAX 1/8 IN. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF METALLIC PIPES, CONDUITS, OR TUBING MAY BE USED:
- A. COPPER TUBING NOM 4 IN. DIAM (OR SMALLER) TYPE M (OR HEAVIER) COPPER TUBING.
- B. COPPER PIPE NOM 4 IN. DIAM. (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE
- C. STEEL PIPE NOM. 4 IN. DIAM. (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE)
- D. CONDUIT NOM 4 IN. DIAM. (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING OR RIGID STEEL
- E. IRON PIPE NOM. 4 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
- 3. FILL, VOID, AND CAVITY MATERIALS CAULK OR PUTTY MIN. 1/2 IN. DIAMETER BEAD OF CAULK OR PUTTY APPLIED CONTINUOUSLY AROUND THE PENETRANT ON THE WALL SURFACES ON BOTH MINNESOTA MINING & MFG, CO. - CP 25WB+ CAULK OR MPS-2+ PUTTY.



Door Schedule

PAINT

FACT

WOOD

STAIN

**EXISTING** 

FACTORY FINISH

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1. EXISTING DOOR AND FRAME TO BE PATCHED, REPAIRED AND CLEANED,

5. REUSE EXISTING SALVAGED DOOR PANEL W/ NEW JAMB AND CASING

3. REPLACE DOOR PANEL - FRAME TO REMAIN

4. REUSE EXISTING SALVAGED DOOR AND JAMB AND CASING

2. EXISTING DOOR AND FRAME TO REMAIN. PROVIDE NEW HARDWARE AS SPECIFIED

6. REPLACE ROSETTE BLOCKS WITH 1 1/4" THK. X 6" WIDE SMOOTH BLOCK - MATCH SPECIES AND STAIN

Door Schedule and Details and Fire Systems

Sheet No:

3" = 1'-0"

Renovati

A5.1



A6.1

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**NOTES LEGEND & SCHEDULES -**

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da Certificate of Authorization #248

**ELECTRICAL** 

FL AA0003316

Description:

2. REPAIR REUSED LIGHT FIXTURES AS REQUIRED TO MAKE THEM OPERATIONAL.

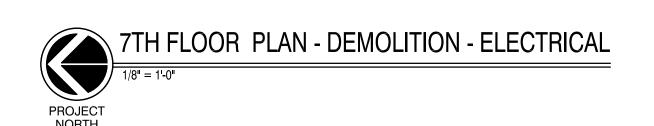
**KEY NOTES** 

REMOVE EXISTING LUTRON DIMMER CABINET AND WALL CONTROLLER. TURN OVER TO OWNER.

EXISTING CIRCUITS IN THIS ROOM
SHALL BE RE-DIRECTED TO A NEW
PANEL IN THIS ROOM. REMOVE
EXISTING CIRCUITS BACK TO

EXISTING PANEL(S).

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Description: FLOOR PLAN - DEMOLITION -**ELECTRICAL** 

FL AA0003316

ED1.1

. ALL DOWNLIGHTS SHALL BE FIXTURE TYPE Z02 UNLESS NOTED OTHERWISE. 2. ALL NEW EQUIPMENT INSTALLED ABOVE CEILING MUST BE SUITABLE FOR USE IN A PLENUM SPACE.

3. ALL NEW DEVICES SHOWN ON EXISTING WALLS SHALL BE RECESSED IN EXISTING WALL.

### **KEY NOTES**

PROVIDE NEW .125 LENS FOR THE 2 X 4 LIGHTING FIXTURES IN THIS ROOM.

2 CONNECT TO NEAREST CONVENIENCE RECEPTACLE CIRCUIT.

2#12, #12G., 1/2"C. TO SPARE 20A/1P BKR. IN PANEL IN MAIN MECH/ELECT. ROOM.

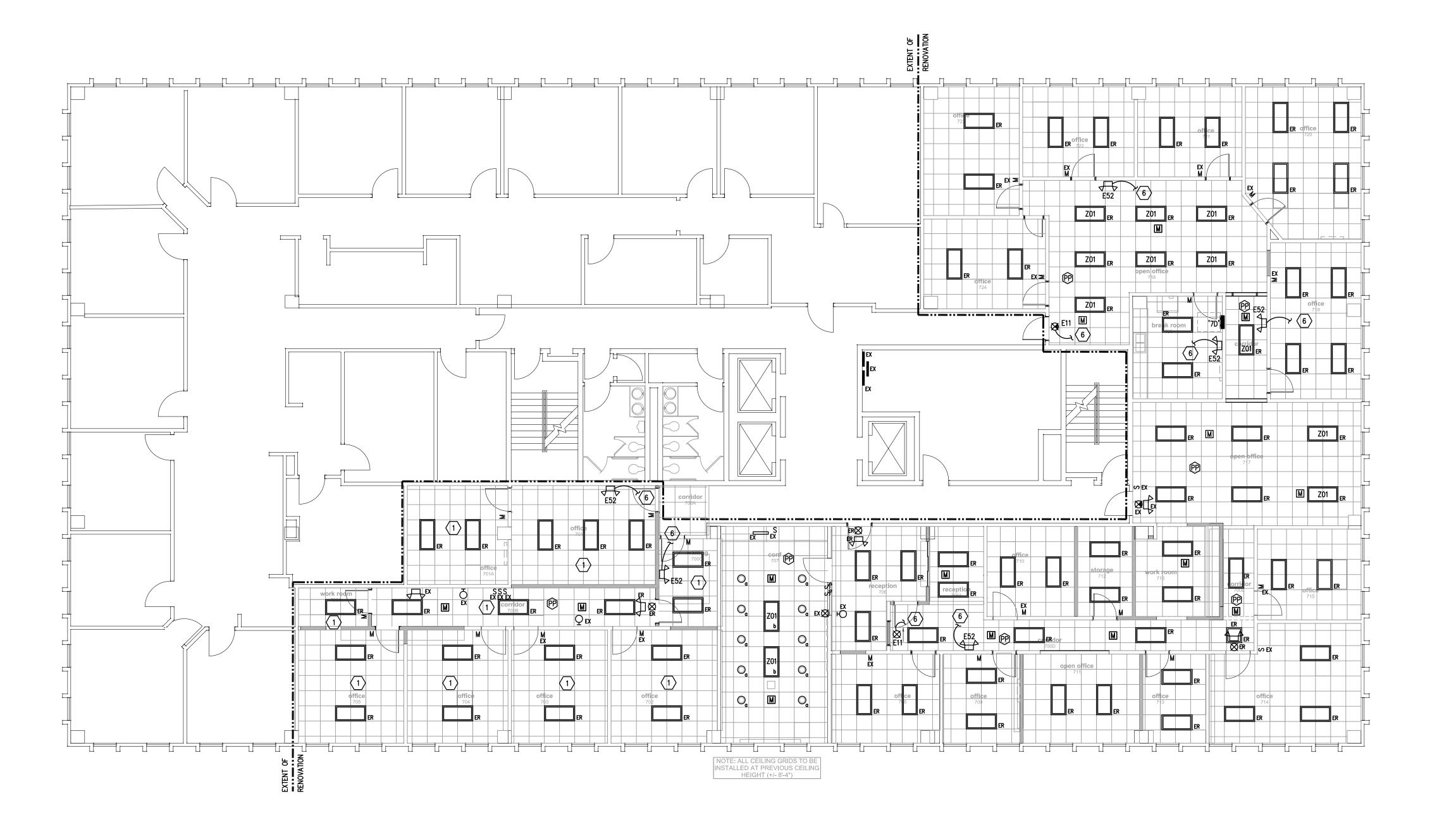
RE-LABEL ALL EXISTING BREAKERS AFFECTED BY NEW WORK.

5 ALL NEW AND REPLACED DEVICES
IN THIS ROOM SHALL BE CIRCUITED
OR RE-CIRCUITED INTO NEW PANEL

6 CONNECT TO NEAREST UNSWITCHED EMERGENCY LIGHTING CIRCUIT.

TO MOTORIZED PROJECTOR SCREEN.
WALL CONTROL SWITCH PROVIDED
BY SCREEN SUPPLIER, INSTALLED
BY ELECTRICIAN.

8 RECEPTACLE & COMMUNICATION OUTLET FOR SMARTBOARD. VERIFY PROPER DEVICE HEIGHT WITH SMARTBOARD SUPPLIER.





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FLOOR PLAN - RENOVATION -LIGHTING

Sheet No: E1.1

. ALL DOWNLIGHTS SHALL BE FIXTURE TYPE Z02 UNLESS NOTED OTHERWISE.

**KEY NOTES** 

PROVIDE NEW .125 LENS FOR THE 2 X 4 LIGHTING FIXTURES IN THIS ROOM.

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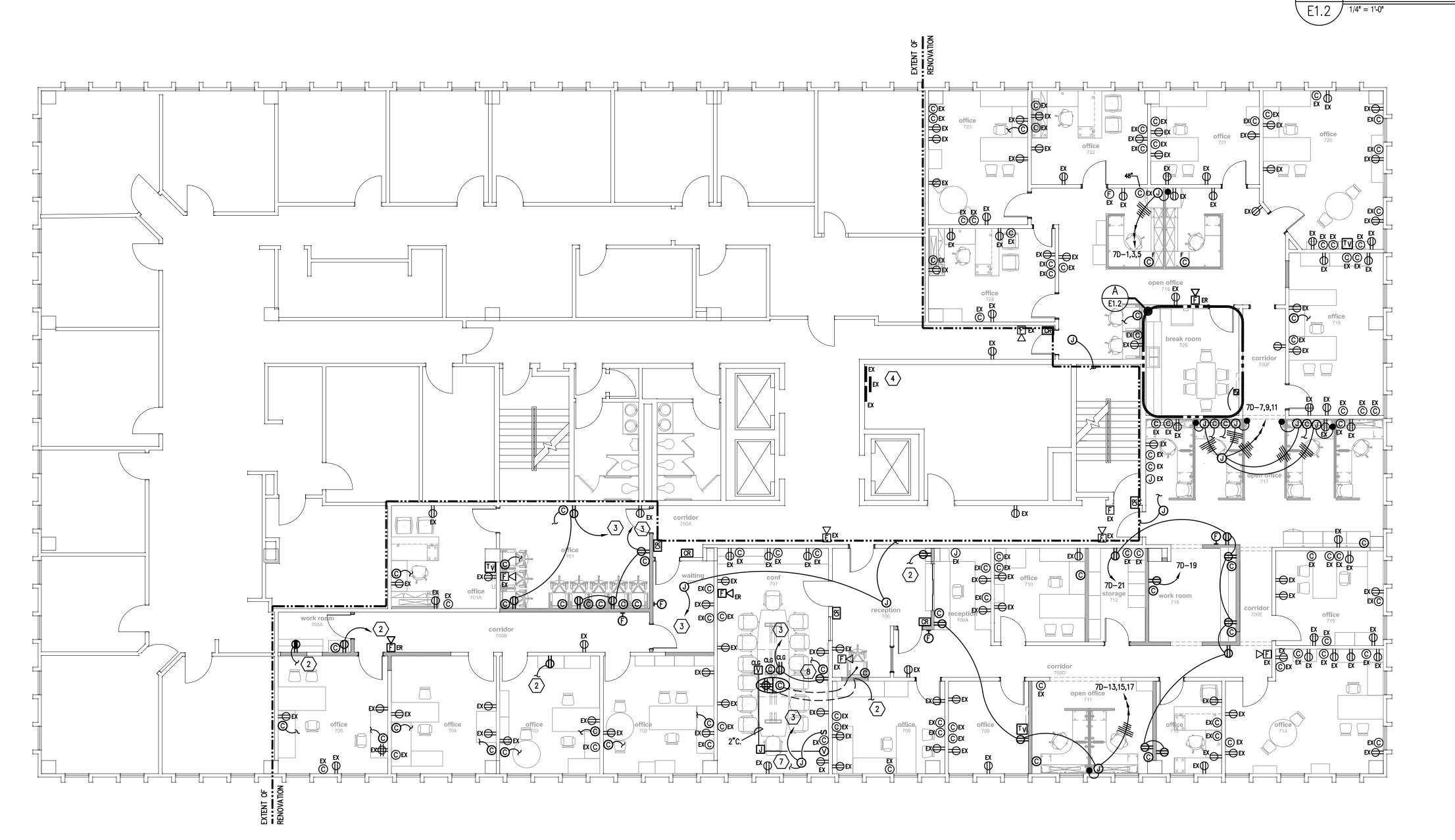
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ALL NEW AND REPLACED DEVICES
IN THIS ROOM SHALL BE CIRCUITED
OR RE-CIRCUITED INTO NEW PANEL

6 CONNECT TO NEAREST UNSWITCHED EMERGENCY LIGHTING CIRCUIT.

TO MOTORIZED PROJECTOR SCREEN.
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OUTLET FOR SMARTBOARD. VERIFY
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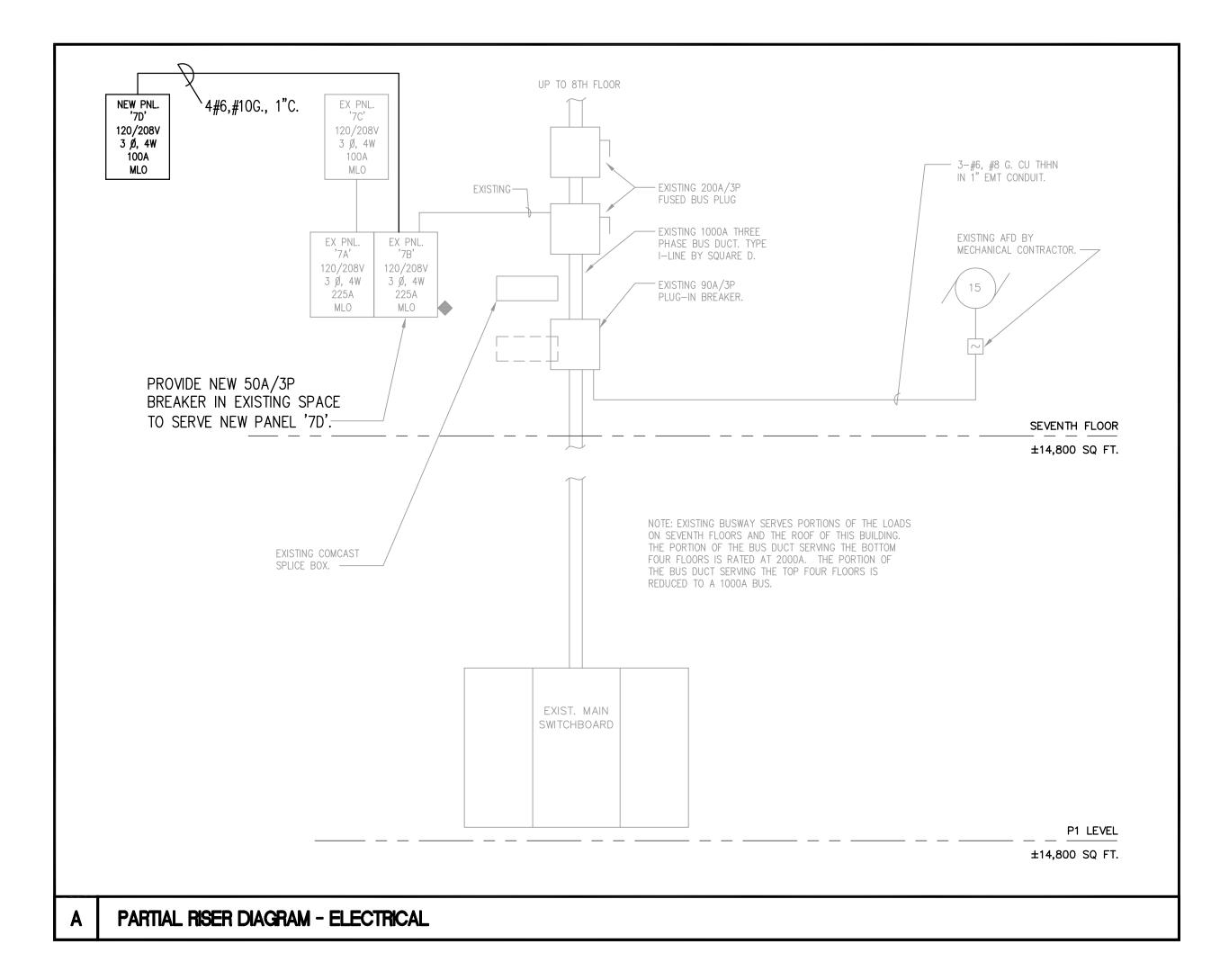
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Description: FLOOR PLAN - RENOVATION - POWER

Sheet No: E1.2



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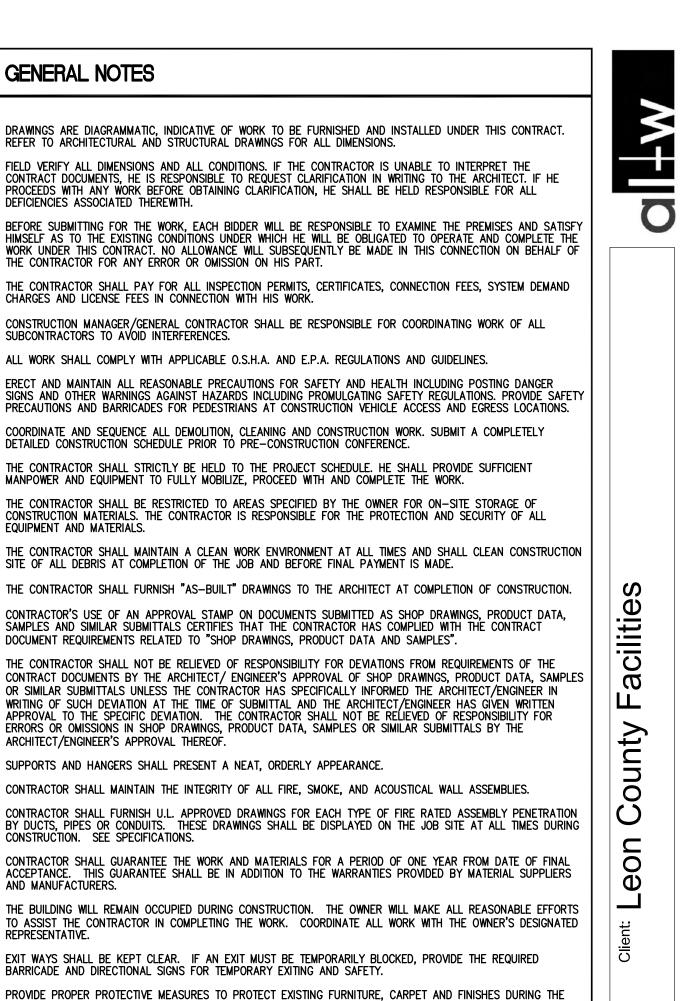
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PANEL SCHEDULE & RISER -**ELECTRICAL** 

Sheet No: E4.1



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\_\_EXISTING SPRINKLER MAIN

Renovation 7th

REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS. FIELD VERIFY ALL DIMENSIONS AND ALL CONDITIONS. IF THE CONTRACTOR IS UNABLE TO INTERPRET THE CONTRACT DOCUMENTS, HE IS RESPONSIBLE TO REQUEST CLARIFICATION IN WRITING TO THE ARCHITECT. IF HE PROCEEDS WITH ANY WORK TO THE OBTAINING CLARIFICATION, HE SHALL BE HELD RESPONSIBLE FOR ALL DEFICIENCIES ASSOCIATED THEREWITH. BEFORE SUBMITTING FOR THE WORK, EACH BIDDER WILL BE RESPONSIBLE TO EXAMINE THE PREMISES AND SATISFY HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGATED TO OPERATE AND COMPLETE THE WORK CONDER THIS CONNECTION ON BEHALF OF IIIGHT THE CONTRACTOR FOR ANY ERROR OR OMISSION ON HIS PART THE CONTRACTOR SHALL PAY FOR ALL INSPECTION PERMITS, CERTIFICATES, CONNECTION FEES, SYSTEM DEMAND CHARGES AND LICENSE FEES IN CONNECTION WITH HIS WORK. CONSTRUCTION MANAGER/GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK OF ALL SUBCONTRACTORS TO AVOID INTERFERENCES. ALL WORK SHALL COMPLY WITH APPLICABLE O.S.H.A. AND E.P.A. REGULATIONS AND GUIDELINES. ERECT AND MAINTAIN ALL REASONABLE PRECAUTIONS FOR SAFETY AND HEALTH INCLUDING POSTING DANGER SIGNS AND OTHER WARNINGS AGAINST HAZARDS INCLUDING PROMULGATING SAFETY REGULATIONS. PROVIDE SAFETY PRECAUTIONS AND BARRICADES FOR PEDESTRIANS AT CONSTRUCTION VEHICLE ACCESS AND EGRESS LOCATIONS. COORDINATE AND SEQUENCE ALL DEMOLITION, CLEANING AND CONSTRUCTION WORK. SUBMIT A COMPLETELY DETAILED CONSTRUCTION SCHEDULE PRIOR TO PRE-CONSTRUCTION CONFERENCE. ∴¦LIGH† 718**● EX** THE CONTRACTOR SHALL STRICTLY BE HELD TO THE PROJECT SCHEDULE. HE SHALL PROVIDE SUFFICIENT MANPOWER AND EQUIPMENT TO FULLY MOBILIZE, PROCEED WITH AND COMPLETE THE WORK. THE CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY THE OWNER FOR ON-SITE STORAGE OF CONSTRUCTION MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF ALL EQUIPMENT AND MATERIALS. THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK ENVIRONMENT AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF ALL DEBRIS AT COMPLETION OF THE JOB AND BEFORE FINAL PAYMENT IS MADE. ADJUST SPRINKLER LOCATION 12. THE CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS TO THE ARCHITECT AT COMPLETION OF CONSTRUCTION. AND/OR PROVIDE ADDITIONAL CONTRACTOR'S USE OF AN APPROVAL STAMP ON DOCUMENTS SUBMITTED AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE CONTRACT SPRINKLERS AS NEEDED TO COMPLY WITH NFPA 13 AND COORDINATE WITH NEW CEILING DOCUMENT REQUIREMENTS RELATED TO "SHOP DRAWINGS, PRODUCT DATA AND SAMPLES" LAYOUT. PLACE SPRINKLERS IN THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CENTER OF CEILING TILES. PROVIDE CONTRACT DOCUMENTS BY THE ARCHITECT/ ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES RETURN BENDS AT ALL SPRINKLER OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN LOCATIONS TO ALLOW FIELD ADJUSTMENT. WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE LIGHT (TYPICAL OF ALL HATCHED AREAS). -ARCHITECT/ENGINEER'S APPROVAL THEREOF. EXISTING SPRINKLER MAIN 15. SUPPORTS AND HANGERS SHALL PRESENT A NEAT, ORDERLY APPEARANCE. 16. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF ALL FIRE, SMOKE, AND ACOUSTICAL WALL ASSEMBLIES. CONTRACTOR SHALL FURNISH U.L. APPROVED DRAWINGS FOR EACH TYPE OF FIRE RATED ASSEMBLY PENETRATION BY DUCTS, PIPES OR CONDUITS. THESE DRAWINGS SHALL BE DISPLAYED ON THE JOB SITE AT ALL TIMES DURING CONSTRUCTION. SEE SPECIFICATIONS. CONTRACTOR SHALL GUARANTEE THE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE. THIS GUARANTEE SHALL BE IN ADDITION TO THE WARRANTIES PROVIDED BY MATERIAL SUPPLIERS LIGHT AND MANUFACTURERS. ORD-1 LIGHT . ∴|LIGH|T∴ 19. THE BUILDING WILL REMAIN OCCUPIED DURING CONSTRUCTION. THE OWNER WILL MAKE ALL REASONABLE EFFORTS . . | ● EX · | · LIGHT . ⊕ £X TO ASSIST THE CONTRACTOR IN COMPLETING THE WORK. COORDINATE ALL WORK WITH THE OWNER'S DESIGNATED ∵LİGHT 20. EXIT WAYS SHALL BE KEPT CLEAR. IF AN EXIT MUST BE TEMPORARILY BLOCKED, PROVIDE THE REQUIRED BARRICADE AND DIRECTIONAL SIGNS FOR TEMPORARY EXITING AND SAFETY. PROVIDE PROPER PROTECTIVE MEASURES TO PROTECT EXISTING FURNITURE, CARPET AND FINISHES DURING THE COURSE OF CONSTRUCTION. TAKE CARE NOT TO DAMAGE EXISTING SURFACES. REPAIR TO MATCH EXISTING CONDITIONS AS REQUIRED. . EX SYSTEM DESCRIPTION LIGHT office . office. | ♠ EX office EX CLASSIFICATION DENSITY RATING COVERAGE SPACING LIGHT ∵∵∐IGH∏∵ LIGHT · LIGHT · LIGHT ∵¦LIGH|T. ∴LIGHT: GPM/SF SQ. FT. 0.1 ORDINARY 225 LIGHT WET AS LISTED BELOW STORAGE ORDINARY G-1 WET 0.15 ORDINARY 130 LEXISTING SPRINKLER MAIN NOTE: ALL CEILING GRIDS TO BE NSTALLED AT PREVIOUS CEILING 7TH FLOOR RENOVATION PLAN - FIRE PROTECTION **PROJECT** DELEGATED DESIGN CALCULATION REQUIREMENTS FIRE SPRINKLER SPECIFICATIONS FIRE PROTECTION NOTES NORTH THESE FIRE PROTECTION SYSTEM ENGINEERING DOCUMENTS REPRESENT THE DESIGN INTENT FOR THE INSTALL ALL WORK IN ACCORDANCE WITH THE PLUMBING CODE, LATEST APPROVED EDITION N.F.P.A. FIRE CODES, LOCAL PLUMBING CODES, AND APPLICABLE O.S.H.A. AND E.P.A. REGULATIONS AND GUIDELINES. WHERE CONFLICTS BETWEEN CODE AND CONSTRUCTION DOCUMENTS OCCUR, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN. STEEL PIPE AND FITTINGS FIRE SPRINKLER SYSTEM. THE DELEGATED ENGINEER IS RESPONSIBLE FOR PROVIDING A FIRE A. STANDARD WEIGHT, GALVANIZED- AND BLACK-STEEL PIPE: ASTM A 53/A 53M, TYPE E , GRADE B . PIPE SPRINKLER SYSTEM FOR THE ENTIRE BUILDING APPROVED BY NFPA AND THE AUTHORITY HAVING ENDS MAY BE FACTORY OR FIELD FORMED TO MATCH JOINING METHOD. JURISDICTION. PROVIDE DELEGATED DESIGN DOCUMENTS AND HYDRAULIC CALCULATIONS, SUBMITTED PROVIDE FIRE SPRINKLER SHOP DRAWINGS AND CALCULATIONS. SIZE PIPING TO PROVIDE AN EXCESS RESIDUAL B. SCHEDULE 10, BLACK-STEEL PIPE: ASTM A 135 OR ASTM A 795/A 795M, SCHEDULE 10 IN NPS 5 (DN 125) THROUGH THE ARCHITECT. SIZE PIPING TO PROVIDE AN EXCESS RESIDUAL PRESSURE OF 10 PSI AT PRESSURE OF 10 PSI AT DESIGN FLOW. DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED THROUGH THE AND SMALLER; AND NFPA 13-SPECIFIED WALL THICKNESS IN NPS 6 TO NPS 10 (DN 150 TO DN 250), PLAIN THE HYDRAULICALLY MOST DEMANDING POINT AT SYSTEM DESIGN FLOW. COORDINATE EXACT LOCATION OF ALL SPRINKLERS WITH THE CEILING, LIGHTING LAYOUT, HVAC DUCTS AND DELEGATED ENGINEER SHALL PROVIDE FIRE PROTECTION SYSTEM LAYOUT DOCUMENTS TO THE C. BLACK-STEEL PIPE NIPPLES: ASTM A 733, MADE OF ASTM A 53/A 53M, STANDARD-WEIGHT, SEAMLESS STEEL PIPE WITH THREADED ENDS. ENGINEER OF RECORD AND AUTHORITY HAVING JURISDICTION INCLUDING THE FOLLOWING AS LIGHT FIXTURES AND HVAC DIFFUSERS TAKE PRECEDENCE. ADD ADDITIONAL SPRINKLERS AS REQUIRED TO MEET APPLICABLE, BUT NOT LIMITED TO; 1) SPRINKLER SYSTEM WORKING PLANS, INCLUDING SPRINKLER D. UNCOATED, STEEL COUPLINGS: ASTM A 865, THREADED. "COVERAGE REQUIREMENTS". SYSTEM LAYOUT, NODE IDENTIFICATION AND NODE SPOT ELEVATIONS, 2) WATER SUPPLY E. GROOVED-JOINT, STEEL-PIPE APPURTENANCES: INFORMATION, 3) SPRINKLER SYSTEM DESIGN AND HYDRAULIC CALCULATIONS, INCLUDING DETAILED PLACE SPRINKLERS IN CENTER OF CEILING TILES. PROVIDE RETURN BENDS AT ALL SPRINKLER LOCATIONS TO ALLOW FIELD ADJUSTMENT. PREFABRICATION OF PIPING TO LOCATE SPRINKLER IN CENTER OR TILE IS PROHIBITED. E.1. PRESSURE RATING: 175 PSIG (1200 KPA) MINIMUM. WORKSHEETS AND GRAPH OF WATER SUPPLY CURVE AND SPRINKLER SYSTEM DEMAND, 4) SPRINKLER E.2. GALVANIZED AND UNCOATED, GROOVED-END FITTINGS FOR STEEL PIPING: ASTM A 47/A 47M, HEAD DATA/CUT SHEETS WITH SPECIFIC SYSTEM COMPONENTS IDENTIFIED, AND 5) ADDITIONAL ALL BRANCH LINES SERVING ONE SPRINKLER SHALL BE 1" UNLESS NOTED OTHERWISE. MALLEABLE-IRON CASTING OR ASTM A 536, DUCTILE-IRON CASTING; WITH DIMENSIONS MATCHING STEEL SPRINKLER SYSTEM SPECIFICATIONS AS REQUIRED IN COMPLIANCE WITH NFPA 13-2002, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, CHAPTER 8, PLANS AND CALCULATIONS, PRIOR TO THE BUILDING IS TO REMAIN OCCUPIED DURING CONSTRUCTION. PROVIDE A 24 HOUR FIRE WATCH DURING ALL E.3. GROOVED-END-PIPE COUPLINGS FOR STEEL PIPING: AWWA C606 AND UL 213, RIGID PATTERN, UNLESS AUTOMATIC SPRINKLER SYSTEMS INSTALLATION. OTHERWISE INDICATED, FOR STEEL-PIPE DIMENSIONS. INCLUDE FERROUS HOUSING SECTIONS, EPDM-RUBBER GASKET. AND BOLTS AND NUTS. F. STANDARD-PRESSURE, WET-PIPE SPRINKLER SYSTEM, NPS 2 (DN 50) AND SMALLER, SHALL BE STANDARD-WEIGHT, BLACK-STEEL PIPE WITH THREADED ENDS; UNCOATED, GRAY-IRON THREADED FITTINGS; AND G. STANDARD-PRESSURE, WET-PIPE SPRINKLER SYSTEM, NPS 2-1/2 TO NPS 4 (DN 65 TO DN 100), SHALL BE SCHEDULE 10, BLACK-STEEL PIPE WITH ROLL-GROOVED ENDS; UNCOATED, GROOVED-END FITTINGS FOR STEEL PIPING; GROOVED-END-PIPE COUPLINGS FOR STEEL PIPING; AND GROOVED JOINTS. APPLICABLE CODES CLASSIFICATION OF OCCUPANCIES (NFPA 1-4.7) A. AUTOMATIC SPRINKLERS WITH HEAT-RESPONSIVE ELEMENT: NFPA 1 UNIFORM FIRE CODE LIGHT LIGHT HAZARD ORD-1 ORDINARY HAZARD, A.1. EARLY-SUPPRESSION, FAST-RESPONSE APPLICATIONS: UL 1767. NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS A.2. NONRESIDENTIAL APPLICATIONS: UL 199. NFPA 25 WATER BASED FIRE PROTECTION SYSTEMS A.3. CHARACTERISTICS: NOMINAL 1/2-INCH (12.7-MM) ORIFICE WITH DISCHARGE COEFFICIENT K OF 5.6, AND NFPA 70 NATIONAL ELECTRICAL CODE FOR "ORDINARY" TEMPERATURE CLASSIFICATION RATING UNLESS OTHERWISE INDICATED OR REQUIRED BY APPLICATION. NFPA 72 NATIONAL FIRE ALARM CODE B. SPRINKLER SCHEDULE **SPRINKLERS** NFPA 101 LIFE SAFETY CODE B.1. USE SPRINKLER TYPES IN SUBPARAGRAPHS BELOW FOR THE FOLLOWING APPLICATIONS: FBC 2010 B.1.a. ROOMS WITHOUT CEILINGS: UPRIGHT SPRINKLERS. FLORIDA BUILDING CODE 2010 B.1.b. ROOMS WITH SUSPENDED CEILINGS: RECESSED AND CONCEALED SPRINKLERS AS INDICATED. ● EX EXISTING SPRINKLER FAC 69A-3 FLORIDA ADMINISTRATIVE CODE - THE STATE FIRE PREVENTION CODE B.1.c. WALL MOUNTING: SIDEWALL SPRINKLERS. FAC 69A-47 FLORIDA ADMINISTRATIVE CODE — THE UNIFORM FIRE SAFETY STANDARD FOR ELEVATORS B.2. PROVIDE SPRINKLER TYPES IN SUBPARAGRAPHS BELOW. B.2.a. RECESSED SPRINKLERS: MATCH FINISH OF EXISTING SPRINKLERS, WITH MATCHING ESCUTCHEON. DRAWING INDEX 7TH FLOOR RENOVATION PLAN — FIRE PROTECTION DRAWN: REVIEWED: DATE: REVISIONS: DRAWN: REVIEWED: DATE: Consultant: 114 EAST 5th AVENUE TALLAHASSEE, FL 32303 PHONE 850.224.7922 Description: Sheet No: architects THESE DRAWINGS AND RENDERINGS ARE INSTRUMENTS OF SERVICE. THE DRAWINGS AND ASSOCIATED COPIES THEREOF, INCLUDING ELECTRONIC MEDIA CONCEPT SCHEMATIC DESIGN www.H2Engineering.com 7TH FLOOR RENOVATION PLAN - FIRE lewis + whitlock AND CADD FILES, ARE THE PROPERTY OF ARCHITECTS: LEWIS + WHITLOCK, P.A. H2E PROJECT No. 1265 THEIR USE, REPRESENTATION OR REPRODUCTION IN ACTUAL OR CONTENT BY ADVANCED SCHEMATIC DESIGN THIS DOCUMENT IS THE PROPERTY OF ANY ENTITY THAT POSSESSES THEM FOR ANY PURPOSE EXCEPT BY WRITTEN DESIGN DEVELOPMENT **PROTECTION** 12Engineering AND IS PREPARED AS AN 206 west virginia st. NSTRUMENT OF SERVICE. ITS USE, REUSE OR REPRODUCTION, EXCEPT BY WRITTEN AGREEMENT WITH THE ARCHITECT IS PROHIBITED. 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