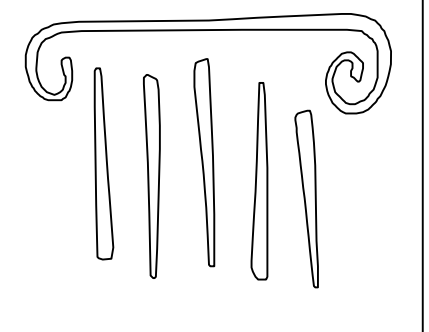


COLLEGE OF PHARMACY-CLASSROOMS

UNIVERSITY OF NEW ENGLAND

Portland, Maine
FEBRUARY 11, 2009

BID DOCUMENTS
NOT FOR CONSTRUCTION



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ARCHITECTURE

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LEGEND

- DETAIL NUMBER
- SHEET WHERE DETAIL IS DRAWN
- SHEET WHERE DETAIL IS TAKEN
- INDICATES BUILDING SECTION OR BUILDING ELEVATION
- BUILDING SECTION LETTER
- SHEET WHERE BUILDING SECTION IS DRAWN
- SHEET WHERE BUILDING SECTION IS TAKEN
- INTERIOR ELEVATION NUMBER
- SHEET WHERE ELEVATION IS DRAWN
- LIMIT OF WORK
- EXISTING WALL TO BE REMOVED
- WALL
- ELEVATOR LOBBY
- ROOM NAME AND NUMBER
- KEY NOTE
- DOOR NUMBER
- COLUMN GRID LINE
- ELEVATION TARGET
- WALL TYPE
- WINDOW TYPE

GENERAL NOTES

1. ALL MATERIALS, COMPONENTS, AND WORK ARE NEW AND SHALL BE PROVIDED IN THIS CONTRACT BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
2. ALL WORK INCLUDED IN THIS CONTRACT SHALL CONFORM TO ALL STATE, NATIONAL AND OTHER CODES AND ORDINANCES WHICH APPLY TO THIS PROJECT.
3. IT IS THE INTENT AND MEANING OF THESE DRAWINGS THAT THE CONTRACTOR AND EACH SUBCONTRACTOR PROVIDE ALL LABOR, MATERIALS, TRANSPORTATION, SUPPLIES, EQUIPMENT, ETC. TO OBTAIN A COMPLETE JOB TO INDUSTRY STANDARD IN A PROFESSIONAL WORKMANLIKE MANNER.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND REPORT ANY DISCREPANCY(IES) IMMEDIATELY TO THE ARCHITECT.
5. AT THE END OF EACH WORKING DAY, THE CONSTRUCTION SITE SHALL BE LEFT IN A NEAT AND CLEAN MANNER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS WHICH ARE REQUIRED FOR THE SATISFACTORY COMPLETION OF THE WORK AND THE UNIVERSITY OF NEW ENGLAND SHALL BE RESPONSIBLE FOR PAYING ALL FEES, HOOK UP CHARGES, ETC. (STATE FIRE MARSHAL PERMIT BY OWNER)
7. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE OWNER FOR THE SEQUENCE AND TIMING OF OPERATIONS PRIOR TO COMMENCING WORK. AREAS FOR STAGING ETC. MUST BE APPROVED BY THE OWNER.
8. THE CONTRACTOR SHALL DISPOSE OF AND / OR RECYCLE ANY CONSTRUCTION DEBRIS FROM THE PROJECT SITE AS REQUIRED BY THE STATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DISPOSAL PERMITS WHICH ARE REQUIRED. CONSTRUCTION DEBRIS FROM THE PROJECT SITE SHALL BE IMPOSED OF IN A STATE APPROVED LANDFILL.
9. ROOM NUMBERS ON THE DRAWING ARE FOR COORDINATION PURPOSES AND DO NOT NECESSARILY CORRESPOND TO ACTUAL ROOM NUMBERS.
10. DUTY OF COOPERATION: RELEASE OF THESE PLANS CONTEMPLATES FURTHER COOPERATION AMONG THE OWNER, THE CONTRACTOR, THE ARCHITECT AND HIS CONSULTANTS. DESIGN AND CONSTRUCTION ARE COMPLEX. ALTHOUGH THE ARCHITECT AND HIS CONSULTANTS HAVE PERFORMED THEIR SERVICES WITH DUE CARE AND DILIGENCE, THEY CANNOT GUARANTEE PERFECTION. COMMUNICATION IS IMPERFECT, AND EVERY CONTINGENCY CANNOT BE ANTICIPATED. ANY AMBIGUITY OR DISCREPANCY DISCOVERED BY THE USE OF THESE PLANS SHALL BE REPORTED IMMEDIATELY TO THE OWNER. FAILURE TO NOTIFY THE OWNER COMPOUNDS MISUNDERSTANDING AND MAY INCREASE CONSTRUCTION COSTS. A FAILURE TO COOPERATE BY A SIMPLE NOTICE TO THE OWNER SHALL RELIEVE THE OWNER AND THE ARCHITECT FROM RESPONSIBILITY FROM ALL COSTS.
11. THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE GENERAL CONTRACTOR SHALL PROVIDE FOR THE SAFETY, CARE OF UTILITIES AND ADJACENT PROPERTIES DURING CONSTRUCTION, AND SHALL COMPLY WITH STATE AND FEDERAL SAFETY REGULATIONS.
12. ALL MATERIALS AND WORK SHALL BE GUARANTEED FOR A MINIMUM OF ONE YEAR FROM THE DATE OF FINAL PAYMENT.
13. ALL DOOR HANDLES TO BE ADA COMPLIANT LEVER HANDLES.
14. COORDINATE ALL MECHANICAL & ELECTRICAL DEVICES SO THEY DO NOT CONFLICT W/ ARCHITECTURAL FEATURES.

RENOVATION GENERAL NOTES

1. REMOVE WALLS AS NOTED ON PLANS. VERIFY THAT WALLS TO BE REMOVED ARE NON-LOAD BEARING. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES. BEFORE PENETRATION, JOISTS, BEAMS OR OTHER STRUCTURAL MEMBERS, CONSULT WITH THE ARCHITECT FOR APPROVAL.
2. UNLESS OTHERWISE NOTED, REMOVE DOORS, BASE, TRIM, ELECTRICAL ITEMS, SURFACE MOUNTED ITEMS AND INTERIOR WINDOWS WITHIN WALLS TO BE REMOVED. UNLESS NOTED OTHERWISE, REMOVE WALLS TO THEIR FULL HEIGHT WHERE THEY ARE INDICATED FOR REMOVAL.
3. CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SYSTEMS AND SURFACES TO REMAIN. ALL DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AS APPROVED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
4. WHERE REMOVALS OCCUR, PATCH HOLES AND AREAS OF MISSING FINISH (IE EXPOSED STUD AREAS WHERE WALLS ARE REMOVED, FLOOR FINISHES, ETC. TO MATCH EXISTING ADJACENT SURFACE). PROVIDE A SMOOTH CONTINUOUS SURFACE FREE OF SHADOW LINES.
5. WHERE NEW WALLS OR INFILLS ABUT OR INTERSECT EXISTING WALLS, ALIGN NEW FINISH WITH EXISTING WALLS, ALIGN NEW FINISH WITH EXISTING FINISH AND FINISH JOINTS AT INTERSECTIONS SMOOTH AND CONTIGUOUS.
6. ALL KNOWN HAZARDOUS MATERIALS REMOVALS REQUIRED FOR THE SAFE IMPLEMENT OF THIS PROJECT HAVE BEEN REMOVED PRIOR TO THIS CONTRACT. IF ADDITIONAL SUSPECT MATERIALS ARE UNCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OR TESTING AND / OR REMOVAL. ANY ASBESTOS REMOVAL NECESSARY FOR THE SAFE IMPLEMENTATION OF THIS PROJECT SHALL BE CONTRACTED DIRECTLY BY THE OWNER. IF NECESSARY, THE CONTRACTOR SHALL COORDINATE WITH THESE EFFORTS IF ENCOUNTERED.
7. UNLESS OTHERWISE NOTED, ALL ITEMS ON DEMOLITION PLANS ARE EXISTING.
8. REFER TO MECHANICAL, ELECTRICAL AND STRUCTURAL FOR ADDITIONAL DEMOLITION REQUIREMENTS.

TYPICAL ABBREVIATIONS

4 AND	DUG DRAWING	IBC INSTALLED BY CONTRACTOR	S SOUTH
ANG ANGLE	E EAST	IN INCHES	SAT SUSPENDED ACOUSTICAL TILE
AT AT	EA EACH	INSUL INSULATION	SCHED SCHEDULE
ADA AMERICAN DISABILITIES ACT	EJ EXPANSION JOINT	INT INTERIOR	SD STORM DRAIN
ADJ ADJUST OR ADJACENT	ELEC ELECTRIC	JT JOINT	SECT SECTION
AFF ABOVE FINISH FLOOR	ELEV ELEVATION	LAM LAMINATED	SF SQUARE FEET
ALUM ALUMINUM	EMP EMPLOYEE	LB LBS	SIM SIMILAR
ARCH ARCHITECT OR ARCHITECTURAL	ENCL ENCLOSE	LF LINEAR FEET	SP SHELL PACKAGE
AVG AVERAGE	ENT ENTRY OR ENTRANCE	LL LIVE LOAD	SPEC SPECIFICATIONS
BD BOARD	EQ EQUAL	LUIC LIGHT WEIGHT CONCRETE	SS STAINLESS STEEL
BLDG BUILDING	EQUIP EQUIPMENT	MAX MAXIMUM	SQ SQUARE
BLKG BLOCKING	EWIC ELECTRIC WATER COOLER	MECH MECHANICAL	STD STANDARD
BM BEAM	EXH EXHAUST	MFG MANUFACTURE	STL STEEL
BO BOTTOM OF	EXIST EXISTING	MH MAN HOLE	STRUC STRUCTURAL
C CENTER LINE	EXP EXPANSION	MIL MILLIMETER	SUSP SUSPENDED
CAB CABINET	EXT EXTERIOR	MIN MINIMUM	SYM SYMMETRICAL
CLG CEILING	FBO FURNISHED BY OWNER	MSB MAIN SWITCH BOARD	T THERMOSTAT
CLR CLEAR	FDN FOUNDATION	MTD MOUNTED	T & B TOP AND BOTTOM
CMU CONCRETE MASONRY UNIT	FF FINISH FLOOR	MTL METAL	TEL TELEPHONE
CNTR COUNTER	FFE FINISH FLOOR ELEVATION	MW MICROWAVE	TGL TEMPERED GLASS
COL COLUMN	FIN FINISH	N NORTH	THICK THICKNESS
CONC CONCRETE	FIXT FIXTURE	N/A NOT APPLICABLE	TI TENANT IMPROVEMENTS
CONT CONTINUOUS	FLG FLOORING	NAT NATURAL	T.O. TOP OF
COORD COORDINATE	FLR FLOOR	NIC NOT IN CONTRACT	TOJ TOP OF JOIST
COR CORNER	FLUOR FLUORESCENT	NUMBER NUMBER	TOG TOP OF STEEL
CPT CARPET	FT FOOT or FEET	NTS NOT TO SCALE	TYP TYPICAL
CW COLD WATER	GA GAUGE	ON CENTER ON CENTER	UL UNDERWRITERS LABORATORIES, INC
DBL DOUBLE	GALV GALVANIZED	OH OVER HEAD	UNO UNLESS NOTED OTHERWISE
DEG DEGREE	GC GENERAL CONTRACTOR	PAR PARALLEL	VB VINYL BASE
DHW DOMESTIC HOT WATER	GL GLASS	P/C PRECAST CONCRETE	VCT VERTICAL
DIA DIAMETER	GTFSUM GYPSUM WALL BOARD	PERT PRETREATED	VERT VERTICAL
DIM DIMENSION	HGT HEIGHT	PERP PERPENDICULAR	VF VERIFY IN FIELD
DN DOWN	HM HOLLOW METAL	PL PLATE	W WIDE or WEST
DR DOOR	HORIZ HORIZONTAL	P-LAM PLASTIC LAMINATE	WID WIDTH
DS DOWN SPOUT	HR HOUR	PLAS PLASTER	W/O WITHOUT
DW DISH WASHER	HYAC HEATING, VENTILATION & AIR CONDITION	PLBG PLUMBING	X EXISTING

LIST OF DRAWINGS

- TU TITLE SHEET, KEY AND ABBREVIATIONS
- S10 PART PLANS & DETAILS
- D11 DEMO PLAN
- A01 EMERGENCY CODE PLAN
- A11 FLOOR PLAN & WALL TYPES
- A21 REFLECTED CEILING PLAN & DETAILS
- A31 NOT USED
- A41 BUILDING SECTIONS
- A51 NOT USED
- A61 ADA INTERIOR ELEVATIONS
- A62 INTERIOR ELEVATIONS
- A63 INTERIOR ELEVATIONS
- A64 INTERIOR ELEVATIONS
- A71 ROOM, DOOR AND WINDOW SCHEDULES
- E01 ELECTRICAL LEGEND AND NOTES
- E02 LOWER FLOOR LIGHTING PLAN
- E03 LOWER FLOOR POWER PLAN
- FA01 LOWER FLOOR FIRE ALARM PLAN
- M10 HVAC PLAN
- M11 HVAC PIPING PLAN
- M20 LOWER LEVEL SANITARY PLUMBING PLAN
- M21 LOWER LEVEL DOMESTIC PLUMBING PLAN
- M30 MECHANICAL SCHEDULES & DETAILS

UNIVERSITY OF NEW ENGLAND
COLLEGE OF
PHARMACY
CLASSROOMS

776 STEVENS AVENUE, PORTLAND, ME

* DATE DESCRIPTION

Date Issued 3/11/2009

Project Number 00510

SHEET NAME

TITLE PAGE

Drawn By

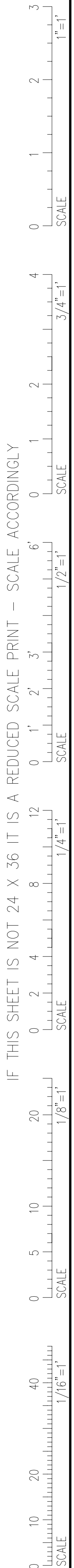
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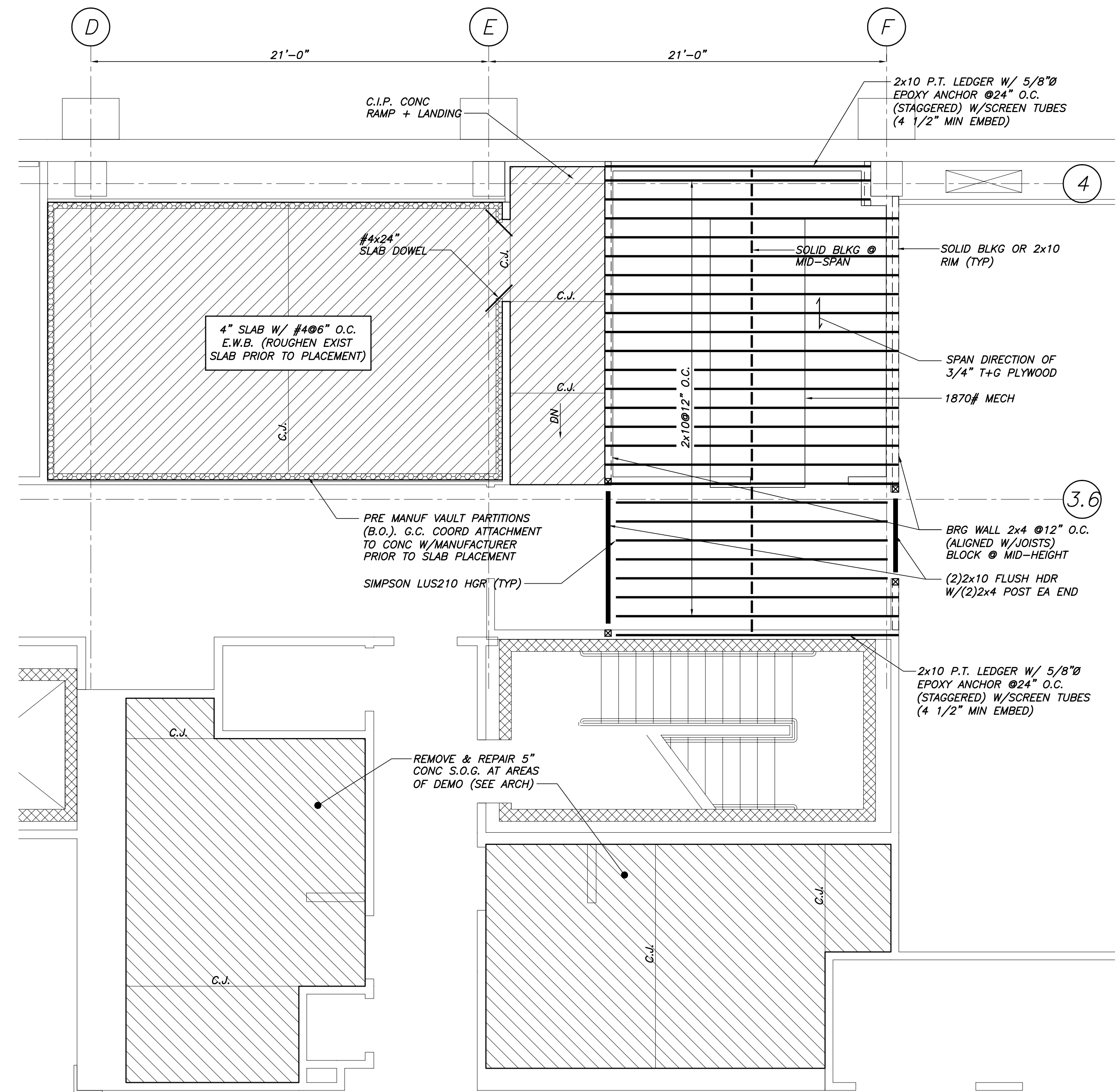
- GENERAL NOTES**
- THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES. INCONSISTENCIES BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
 - STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
 - ALL DIMENSIONS, EXISTING CONDITIONS, AND AS-BUILT CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
 - THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE ONLY AFTER THE STRUCTURAL WORK CONTAINED IN THE S- DRAWINGS IS COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
 - ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

- DESIGN LOADS**
- BUILDING CODE: INTERNATIONAL BUILDING CODE, 2003 EDITION ASCE 7-02 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
 - DESIGN FLOOR LIVE LOADS: MECHANICAL PLATFORM: 40 PSF + UNIT WEIGHT

- CONCRETE NOTES**
- CONCRETE WORK SHALL CONFORM TO "ACI MANUAL OF CONCRETE PRACTICE", LATEST EDITION. THIS PUBLICATION IS AVAILABLE THROUGH THE AMERICAN CONCRETE INSTITUTE (248) 848-3800.
 - PROVIDE PVC SLEEVES WHERE PIPES PASS THROUGH EXTERIOR CONCRETE, OR SLABS.
 - REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 DEFORMED BARS AND SHALL BE DETAIL, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 315, LATEST EDITION.
 - WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND BE PROVIDED IN FLAT SHEETS.
 - MINIMUM CONCRETE PROTECTIVE COVERING FOR REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS: #5 BARS, 5/8" DIAMETER WIRE, AND SMALLER, 1.5"
 - PROVIDE LAPPED BARS AT NECESSARY SPLICES. PROVIDE LAP SPLICE OF 36", FOR ALL REINFORCING UNLESS OTHERWISE SHOWN ON PLAN.
 - FOR ALL OPENINGS IN CONCRETE SLABS, PROVIDE SUPPLEMENTAL REINFORCING AROUND OPENING. NO PENETRATIONS SHALL BE MADE THROUGH FOOTINGS WITHOUT WRITTEN PERMISSION FROM ENGINEER.

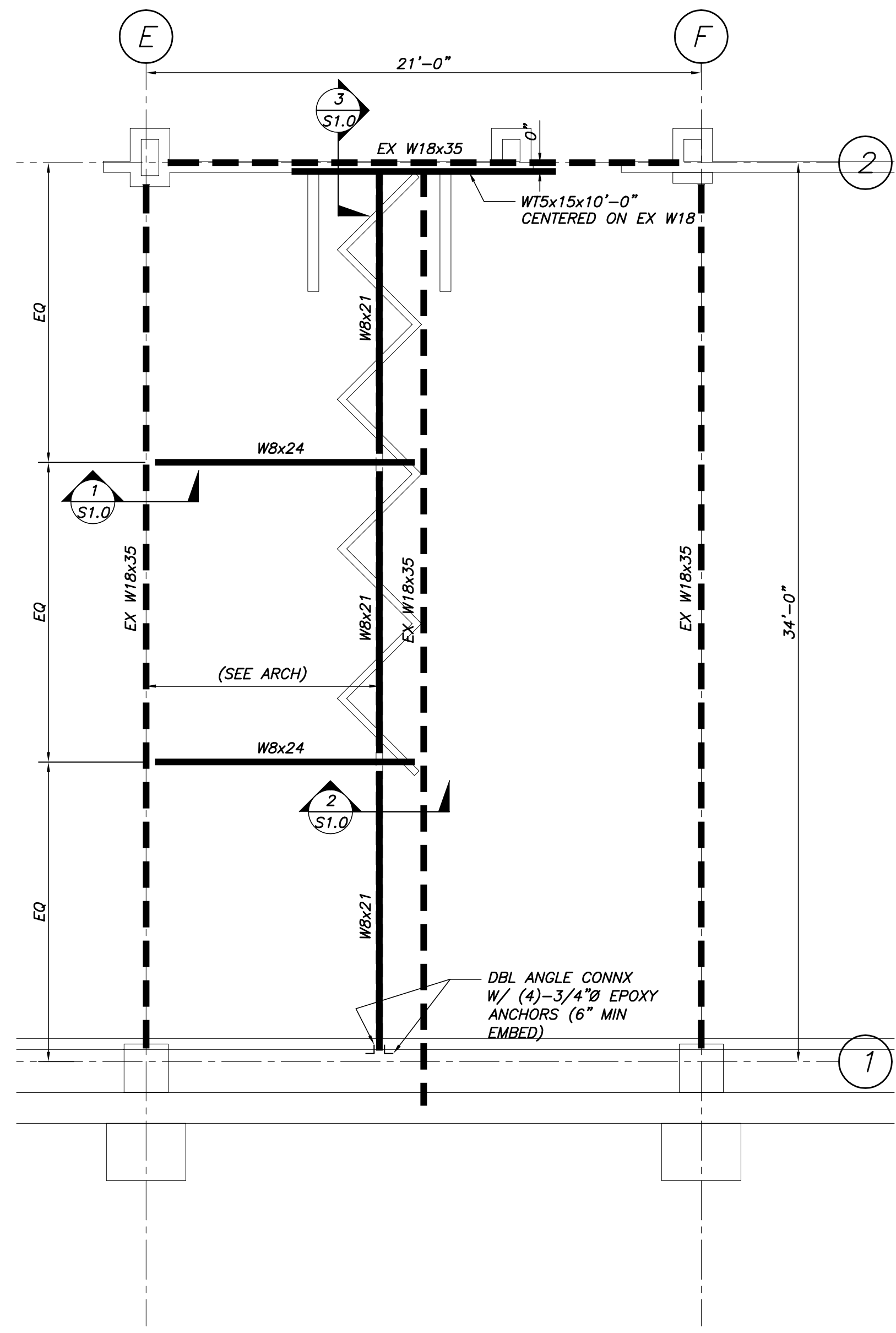
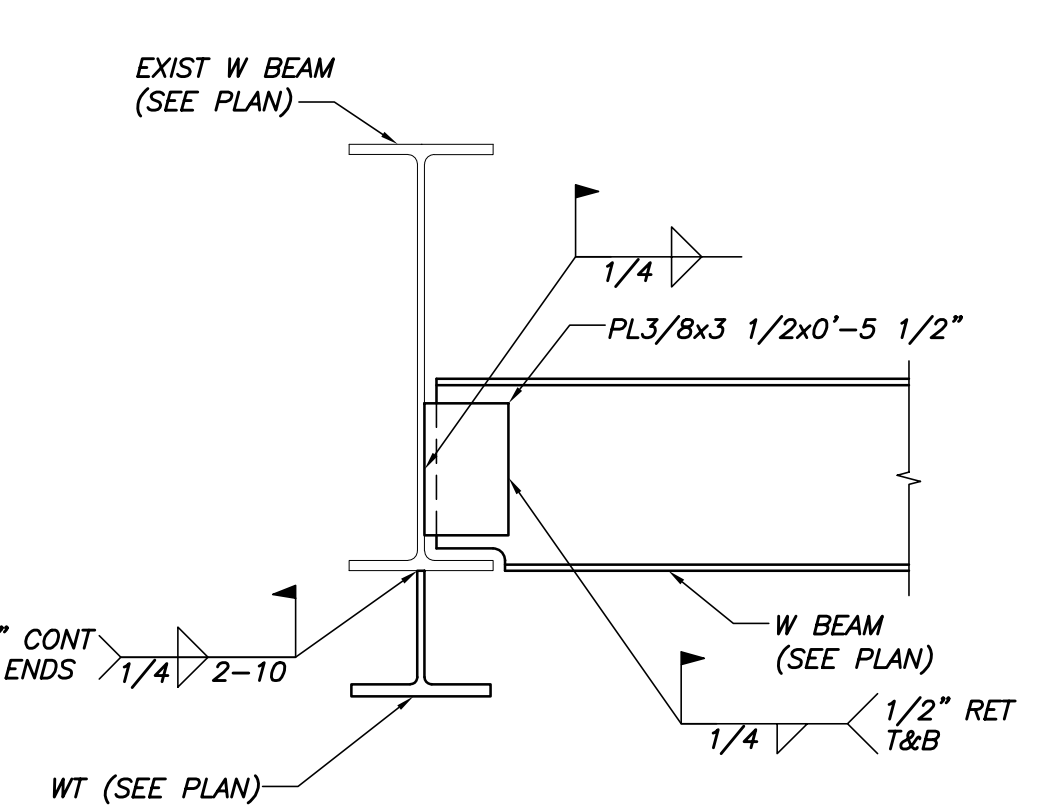
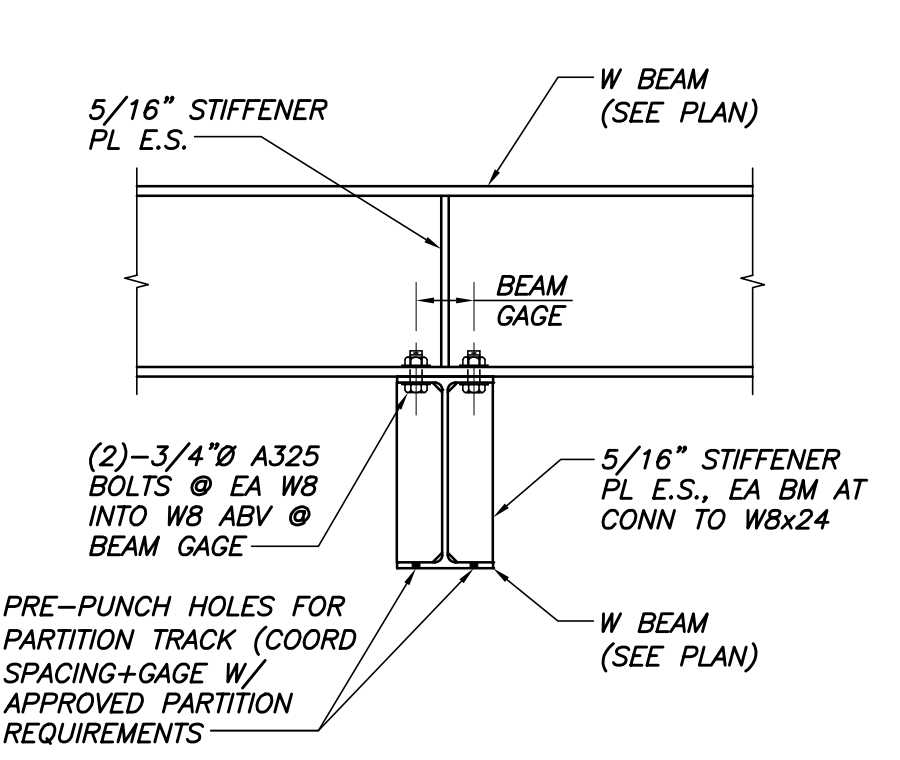
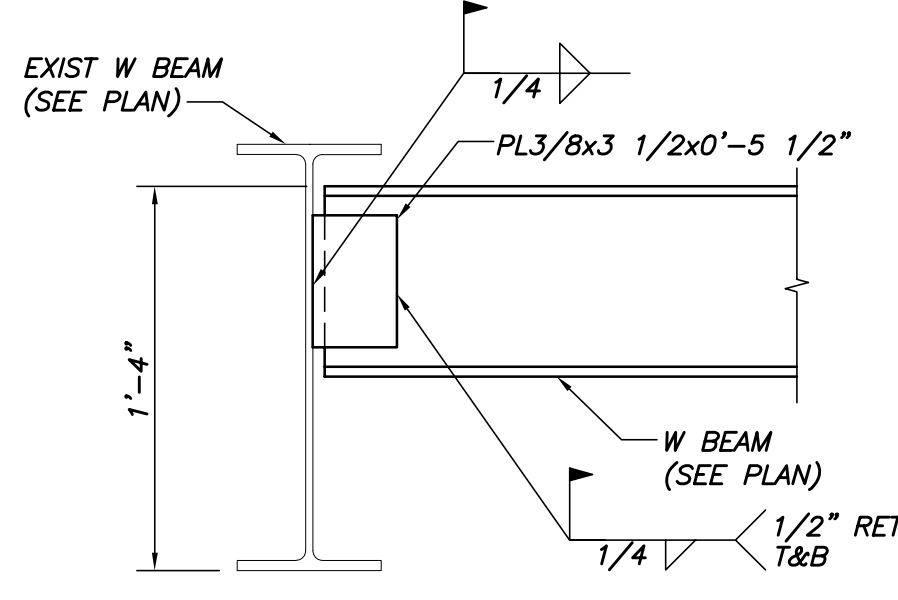
- STRUCTURAL STEEL NOTES**
- STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN FABRICATION, AND ERECTION OF STRUCTURAL STEEL" 13TH EDITION, AND THE "CODE OF STANDARD PRACTICE, LATEST EDITION.
 - STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE (U.N.O.). STRUCTURAL STEEL SHAPES DESIGNATED ON THE DRAWINGS FOR WIDE-FLANGE SECTIONS: ASTM A992 (ASTM A572 GRADE 50 WITH SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED MARCH, 1997)
 - FIELD CONNECTIONS SHALL BE BOLTED USING 3/4" DIAMETER ASTM A325N HIGH STRENGTH BOLTS (U.N.O.).
 - WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1- LATEST EDITION. ELECTRODES SHALL BE CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN).
 - ALL STEEL SHALL BE FABRICATED AND SHIPPED AS BARE UN-PAINTED STEEL.
 - PROVIDE ALL ANGLES, PLATES, ANCHORS, BOLTS, ETC., SHOWN ON ARCHITECTURAL DRAWINGS.

- TIMBER NOTES**
- ALL TIMBER FRAMING SHALL BE IN ACCORDANCE WITH THE AITC TIMBER CONSTRUCTION MANUAL - LATEST EDITION, AND THE AF & PA NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS) 2001 EDITION.
 - INDIVIDUAL TIMBER FRAMING MEMBERS SHALL BE VISUALLY GRADED. MINIMUM GRADE NOT/NO2 SPRUCE-PINE-FIR KILN DRIED TO 19% MAXIMUM MOISTURE CONTENT UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 - PRESSURE TREATED LUMBER SHALL BE SOUTHERN YELLOW PINE TREATED WITH CCA OR ACQ TO 0.4 #/CF IN ACCORDANCE WITH AWPA C-18. ACZA IS STRICTLY PROHIBITED.
 - FLOOR SHEATHING SHALL BE 3/4", APA RATED TONGUE AND GROOVE PANELS. GLUE AND NAIL TO FLOOR FRAMING WITH 8d RING SHANK NAILS AT 6" O.C. AT SUPPORTED PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS.
 - ALL BUILT-UP BEAMS SHALL BE NAILED AS FOLLOWS (FASTENING IN EACH PLY):
UNIFORMLY LOADED BEAMS:
BEAM DEPTH < 16" - 2 ROWS OF 10d NAILS AT 12" O.C., STAGGERED
 - FASTENING NOT SPECIFIED SHALL CONFORM WITH IBC TABLE 2304.9.1.
 - ALL TIMBER CONNECTION HARDWARE (JOIST HANGERS, POST BASES, SHEARWALL HOLD-DOWNS, ETC) SHALL BE AS INDICATED ON THE DRAWINGS AND MANUFACTURED BY SIMPSON STRONG-TIE. ALL CONNECTION HARDWARE SHALL BE HOT-DIPPED GALVANIZED G-90 (U.N.O.). CONNECTION HARDWARE USED IN CONJUNCTION WITH PRESERVATIVE TREATMENT SHALL BE GALVANIZED G185 (ZMAX). USE FASTENERS & HANGERS OF SAME MATERIAL & COATING. REFER TO MANUFACTURER'S LITERATURE FOR PROPER HANDLING AND INSTALLATION GUIDELINES.

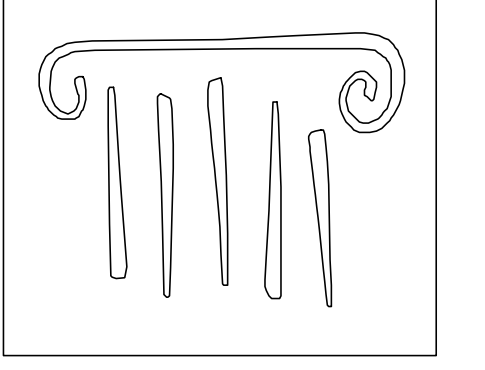


FOUNDATION PLAN/FRAMING PART PLAN @ VAULT & MEZZANINE OVER LOCKER ROOM
1/4"=1'-0"

- NOTES:**
- C.J. INDICATES CONTRACTION/CONSTRUCTION JOINT.



FRAMING PART PLAN @ FOLDING PARTITION
1/4"=1'-0"



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COLLEGE OF PHARMACY
CLASSROOMS**

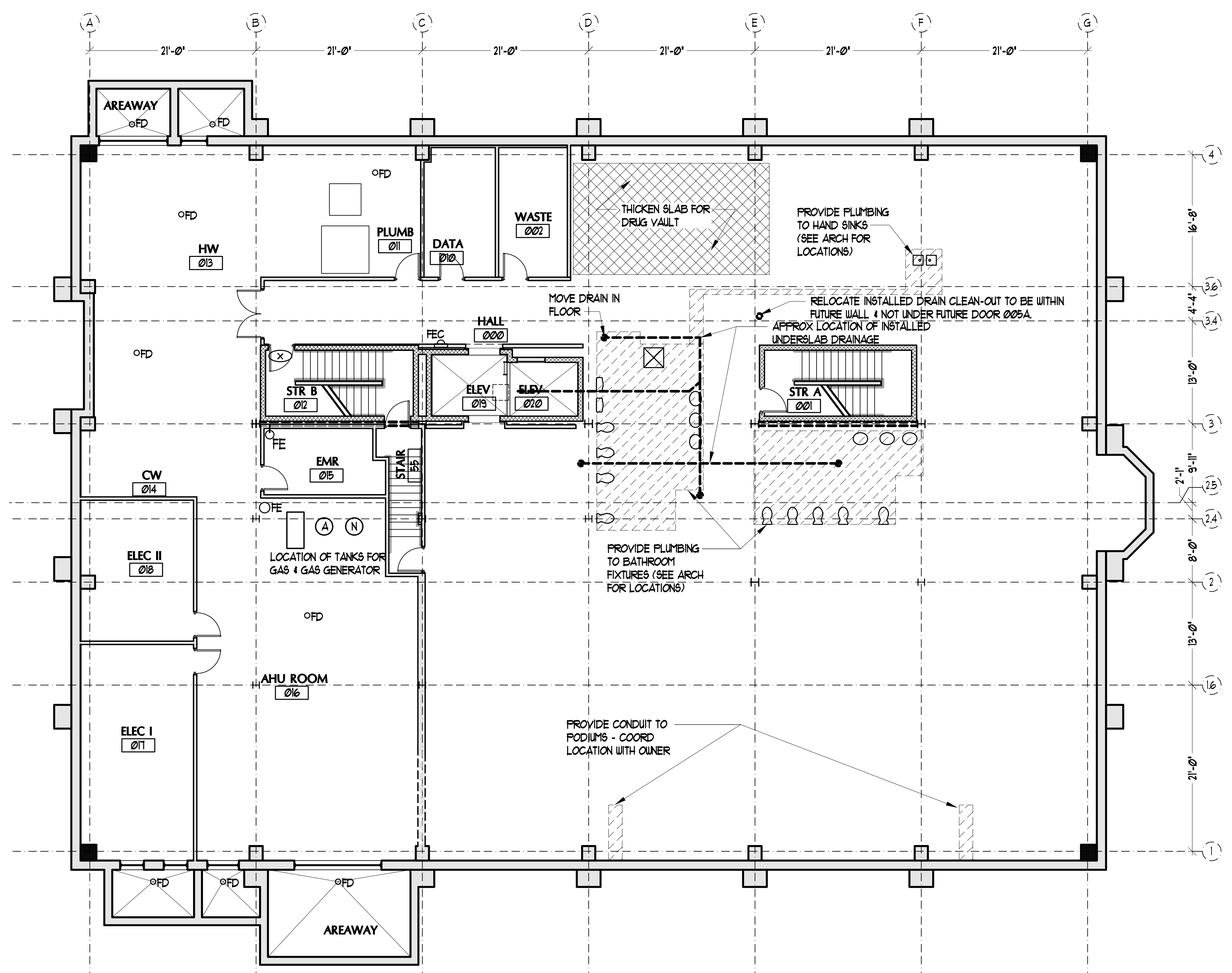
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#	DATE	DESCRIPTION
		BID DOCUMENTS
	3/11/09	Date Issued:
	06506	Project Number:
	AS NOTED	Drawing Scale:
		SHEET NAME

PART PLANS + DETAILS
Drawn By: CHF
Checked By: DSB
S1.0

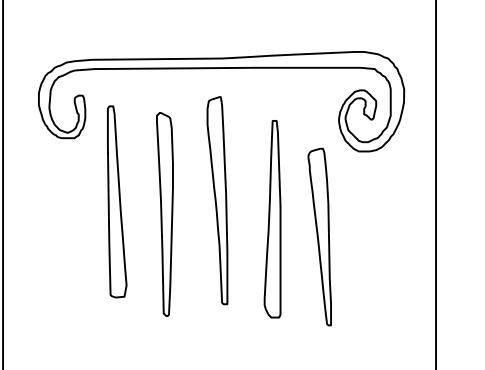
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- NOTES:
1. KEEP SLAB CUTTING AND REPLACEMENT TO A MINIMUM.
 2. LOCATIONS OF SLAB REMOVAL AND REPLACEMENT SHOWN ON THIS PLAN AND LOCATIONS OF UNDERSLAB PIPES SHOWN ON PLAN ARE FOR GENERAL INFORMATION ONLY. CONTRACTOR TO VERIFY ALL LOCATIONS IN FIELD.
 3. HATCHING DENOTES AREAS OF POTENTIAL DEMOLITION

LOWER LEVEL DEMO PLAN W/CLASSROOMS
 SCALE: 1/8" = 1'-0"



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**UNIVERSITY OF NEW ENGLAND
 COLLEGE OF PHARMACY
 CLASSROOMS**

716 STEVENS AVENUE, PORTLAND, ME

DATE	DESCRIPTION

Date Issued 3/11/2009
 Project Number 08518

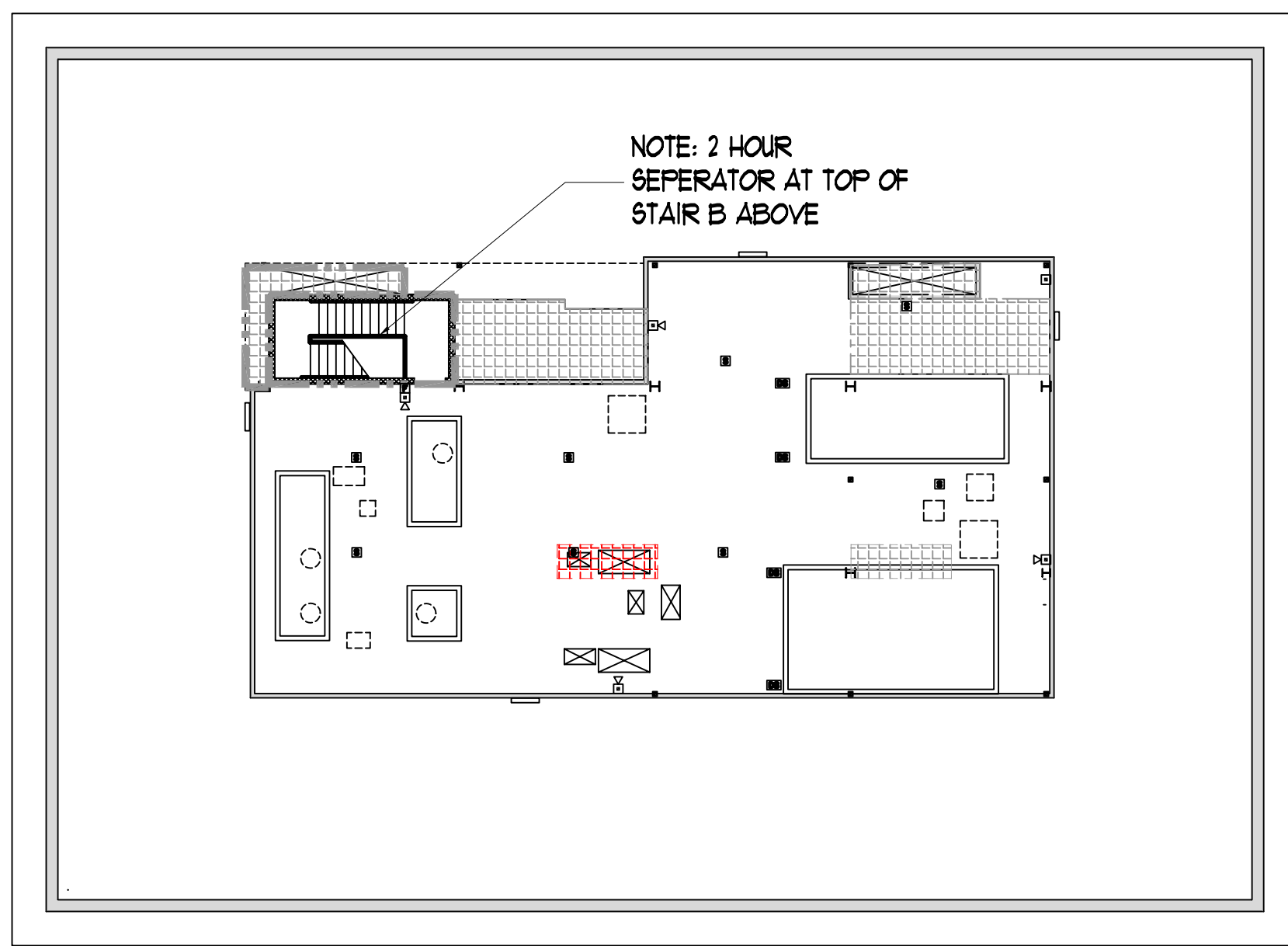
SHEET NAME
SLAB DEMO PLAN

Drawn By
 EAC
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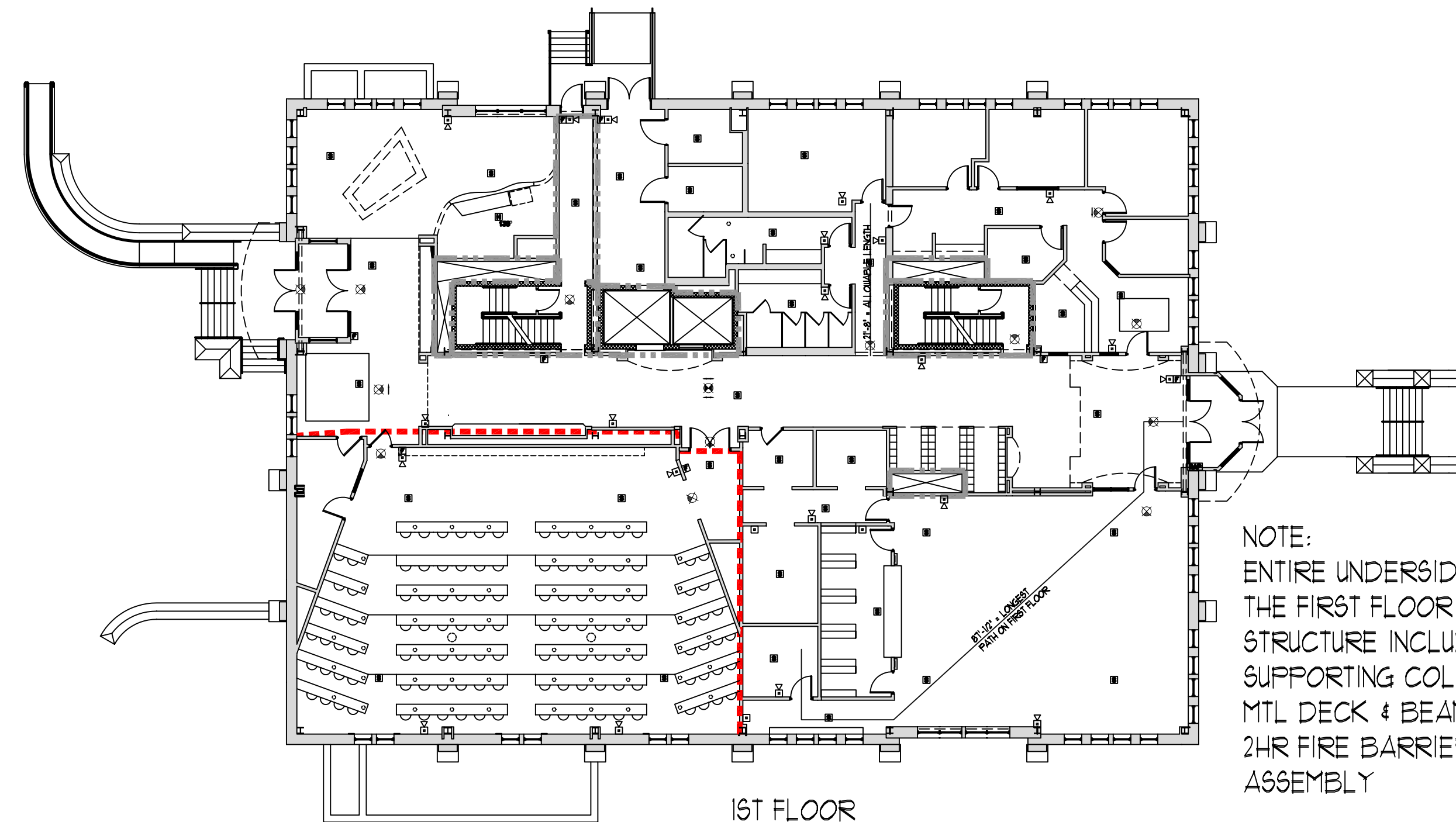
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MECHANICAL MEZZANINE

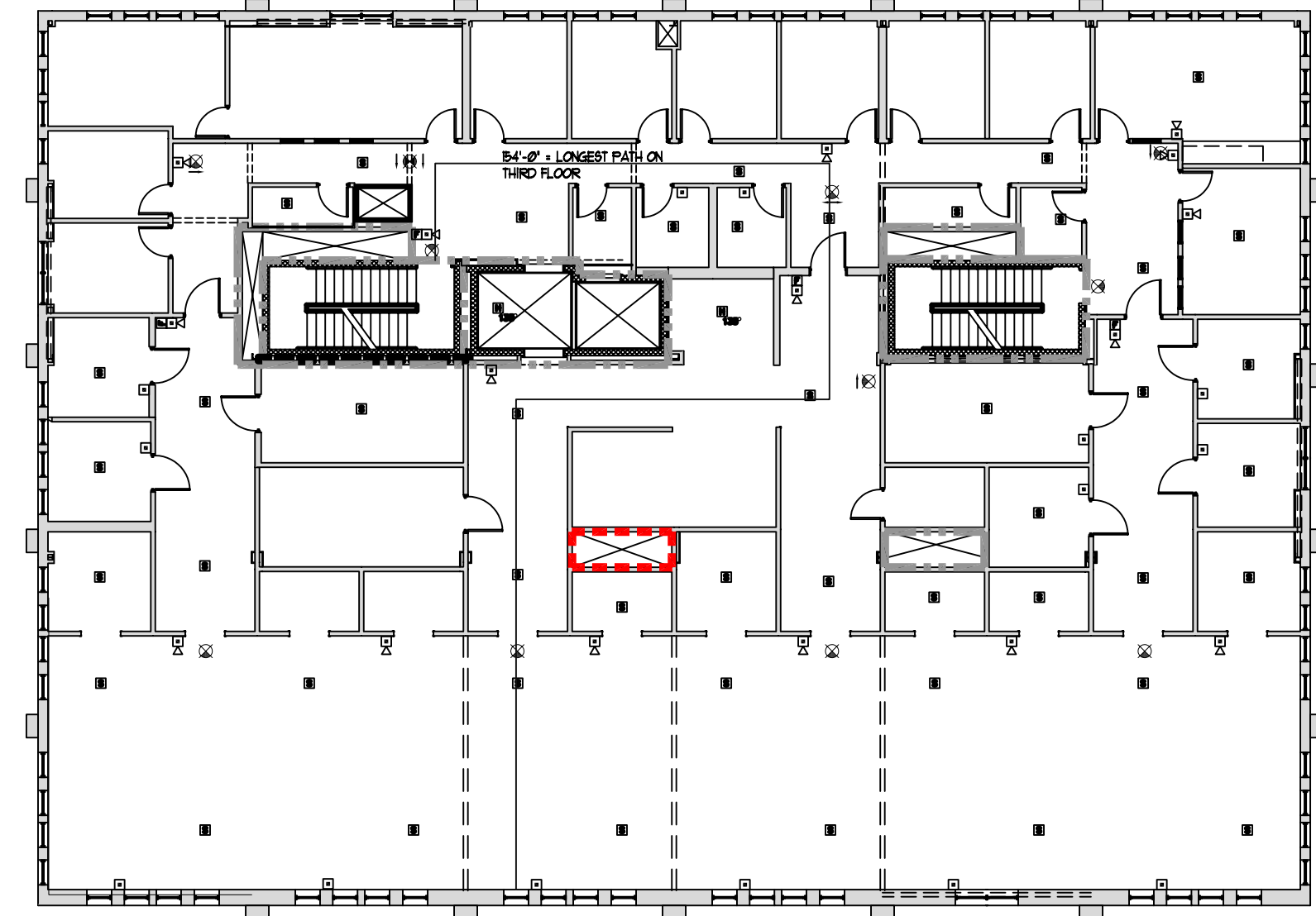
NOTE: 2 HOUR SEPERATOR AT TOP OF STAIR B ABOVE



1ST FLOOR

NOTE: ENTIRE UNDERSIDE OF THE FIRST FLOOR STRUCTURE INCLUDING SUPPORTING COLUMNS, MTL DECK & BEAMS - 2HR FIRE BARRIER ASSEMBLY

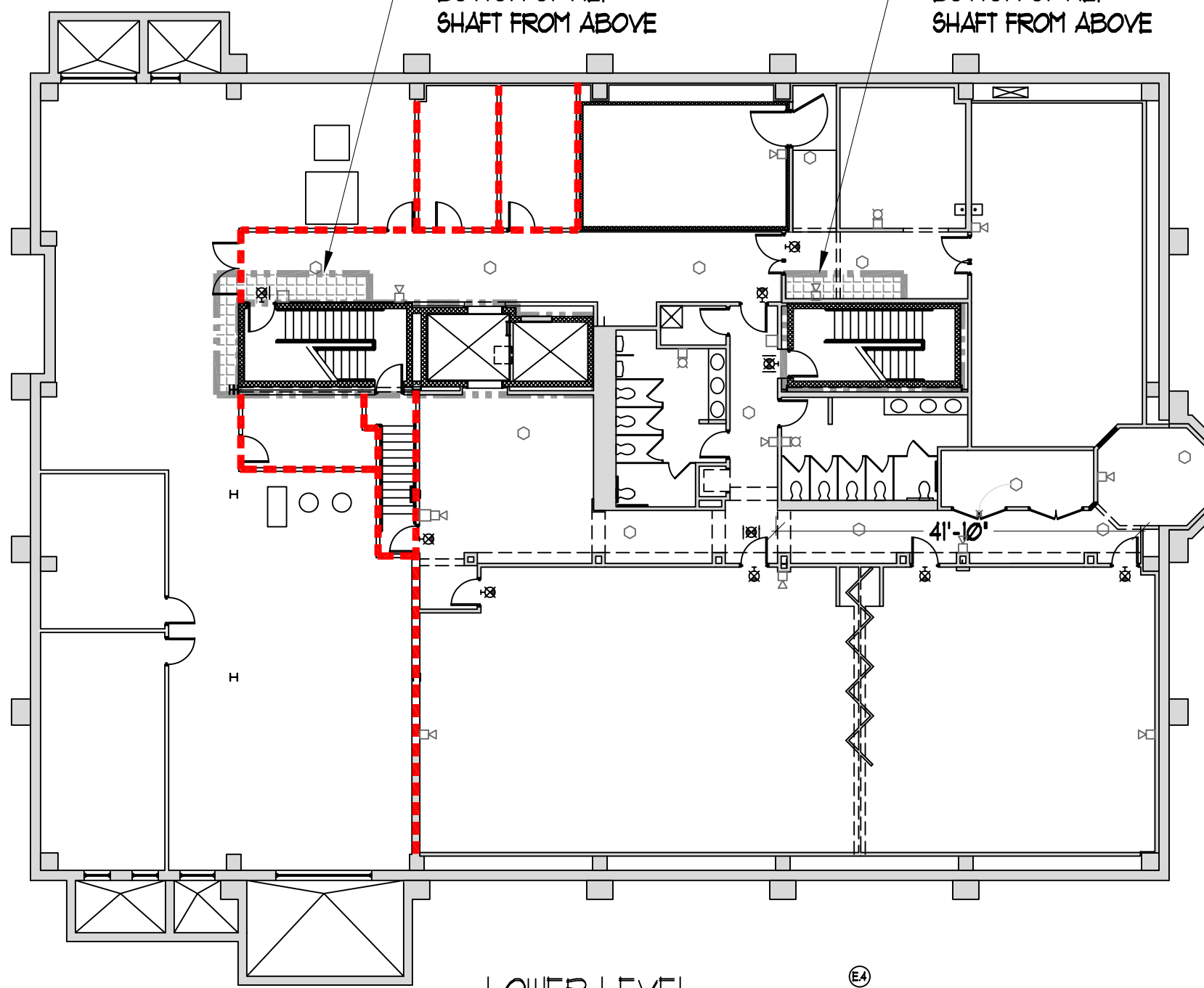
- 1HR FIRE RATING
- 2HR FIRE RATING
- ##### 1HR FLOOR FIRE RATING
- ##### 2HR FLOOR FIRE RATING



THIRD FLOOR

NOTE: 2 HOUR SEPERATOR AT BOTTOM OF MEP SHAFT FROM ABOVE

NOTE: 2 HOUR SEPERATOR AT BOTTOM OF MEP SHAFT FROM ABOVE



LOWER LEVEL

BUILDING CODE ANALYSIS

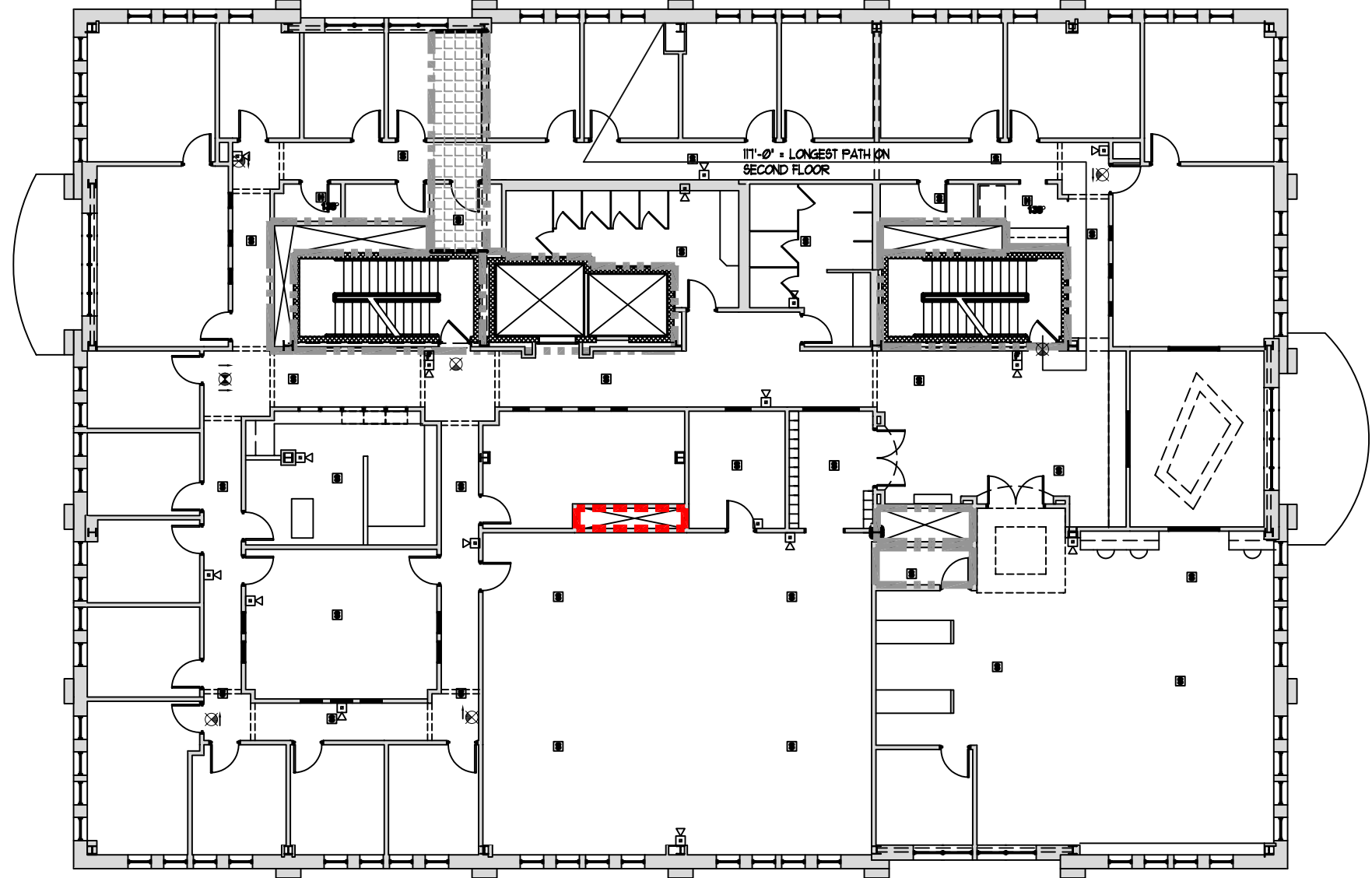
UNIVERSITY OF NEW ENGLAND COLLEGE OF PHARMACY

PROJECT DESCRIPTION: A NEW THREE-STORY BUILDING HOUSING COLLEGE CLASSROOMS, OFFICES, LABS, AND SUPPORT FUNCTIONS. THE GROSS BUILDING AREA IS 46,380 S.F. AND WILL BE CONSTRUCTED OF MATERIALS AS ALLOWED BY THE CONSTRUCTION TYPE. THERE WILL BE A FULLY AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT THE BUILDING WITH THE EXCEPTION OF THE ELECTRIC CLOSETS AND ELECTRIC ROOMS.

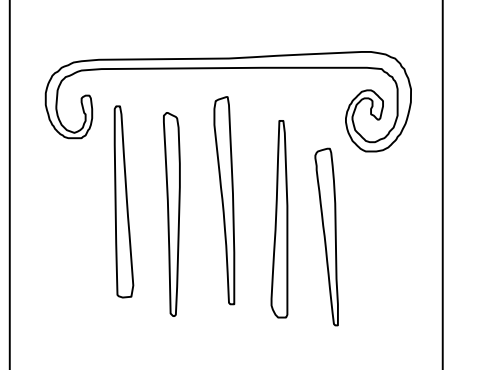
1. BUILDING CODES: NFPA 101 LIFE SAFETY CODE, 2006
IBC INTERNATIONAL BUILDING CODE 2003
MAINE STATE PLUMBING CODE
2. CONSTRUCTION TYPE: VB UNPROTECTED CONSTRUCTION
3. OCCUPANCY: GROUP "B" BUSINESS
4. HEIGHT MODIFICATION: IBC 504.2: ADD ONE STORY AND 20 FT. THEREFORE 3 STORY IS OK.
5. AREA MODIFICATION: IBC TABLE 503: 9,000 S.F.
IBC 506.2: STREET FRONTAGE: ADD 75%
IBC 506.3: AUTOMATIC SPRINKLER: ADD 200%
TOTAL ALLOWABLE: 33,750 S.F./ STORY
6. SEPARATIONS: A. STAIRS AND ELEVATORS SERVE THREE STORIES PLUS BASEMENT AND ARE SEPARATED BY TWO-HOUR FIRE BARRIER. (IBC 707.4)
B. FIRST FLOOR IS SEPARATED FROM BASEMENT BY A TWO-HOUR FIRE BARRIER TO ALLOW EXIT DISCHARGE FROM STAIR "A" THROUGH FIRST FLOOR TO EXIT BUILDING. (IBC 1023.1)
C. LECTURE HALL IS ASSEMBLY USE AND IS SEPARATED AT WALLS BY A ONE-HOUR FIRE RATED SEPARATION.
D. CORRIDOR WALLS ARE NOT RATED. (IBCTABLE 1016.1)
7. MEANS OF EGRESS: EGRESS WIDTH SPRINKLERED BUILDING: STAIRWAY: 0.2" / PERSON; DOORS, RAMPS, & CORRIDORS: 0.15" / PERSON. MINIMUM CORR WIDTH: 44" WHERE SERVING > 50 OCC., 36" WHERE SERVING <= 50 MAXIMUM DEAD-END CORR: 50 FT MAXIMUM TRAVEL DISTANCE TO EXIT: 300 FT.
8. FIRE PROTECTION: PORTABLE FIRE EXTINGUISHERS (LS101 SECT 9.7.4.1)

LOWER LEVEL CODE ISSUES

- Two egress from each classroom is required
- 50'-0" max length dead-end corridor
- Max capacity of Lower Level is 215 (see below)
- one classroom has 56 people at 20 sf/person (UNE standard or 75 people by code at 15 sf/person) and the other 81 people at 20 sf/person (UNE standard or 104 people by code at 15 sf/person) for a total of 179 people in the classrooms (remember not based on who is there but how many could be there by code) - if this is going to be used as a reception area, we will have to cut the useable square foot down even more
- As a place holder, I have allocated #25 more people in the rest of the spaces ... due to how close the numbers are, we will need to understand how the other spaces in the lower level are used to refine this number before we proceed much further
- Building load - we have the capability for 360 people in the two stairways - due to direct egress to the exterior for the first floor, we do not have to include the capacity of this floor. The capacity for the second floor is 100 and the capacity for the third floor is 45 for a total of 145 thus leaving us a capacity of 215 for the lower level ... las



SECOND FLOOR



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UNIVERSITY OF NEW ENGLAND
COLLEGE OF
PHARMACY
CLASSROOMS

76 STEVENS AVENUE, PORTLAND, ME

DATE	DESCRIPTION

Date Issued 3/11/2009
Project Number 08518

SHEET NAME
**EMERGENCY
CODE PLAN**

Drawn By EAC
Checked By LAS
LL
A0.1

BID DOCUMENTS - NOT FOR CONSTRUCTION