# SET No. 18

### ADDITION TO

## LABORATORY SCIENCES CENTER

## ARKANSAS STATE UNIVERSITY

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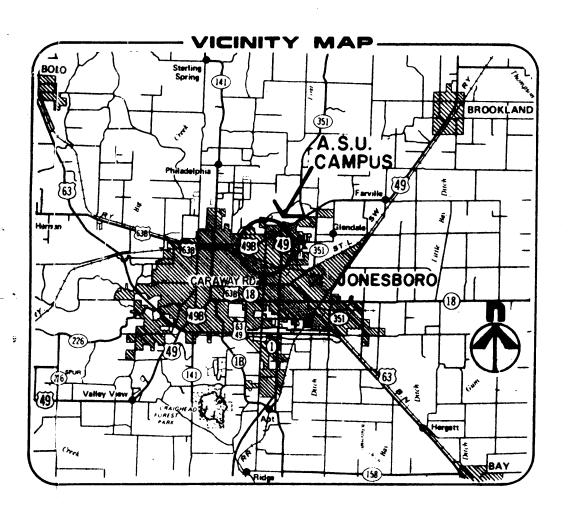


STRUCTURAL ENGINEERS:
ENGINEERING CONSULTANTS INC.
LITTLE ROCK, ARKANSAS

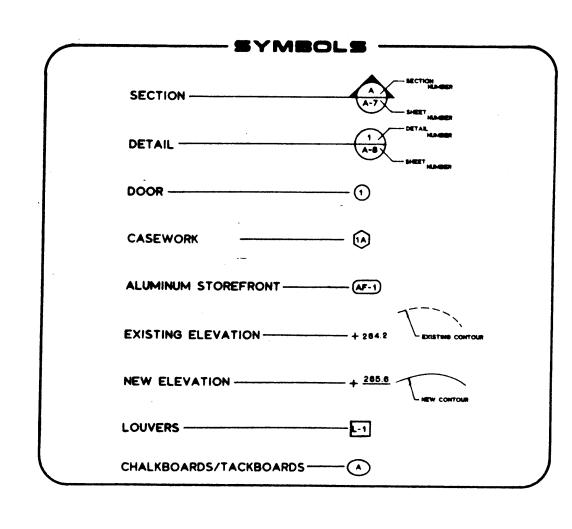
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MECHANICAL/ELECTRICAL ENGINEER'
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**ASU CAMPUS MAP** 

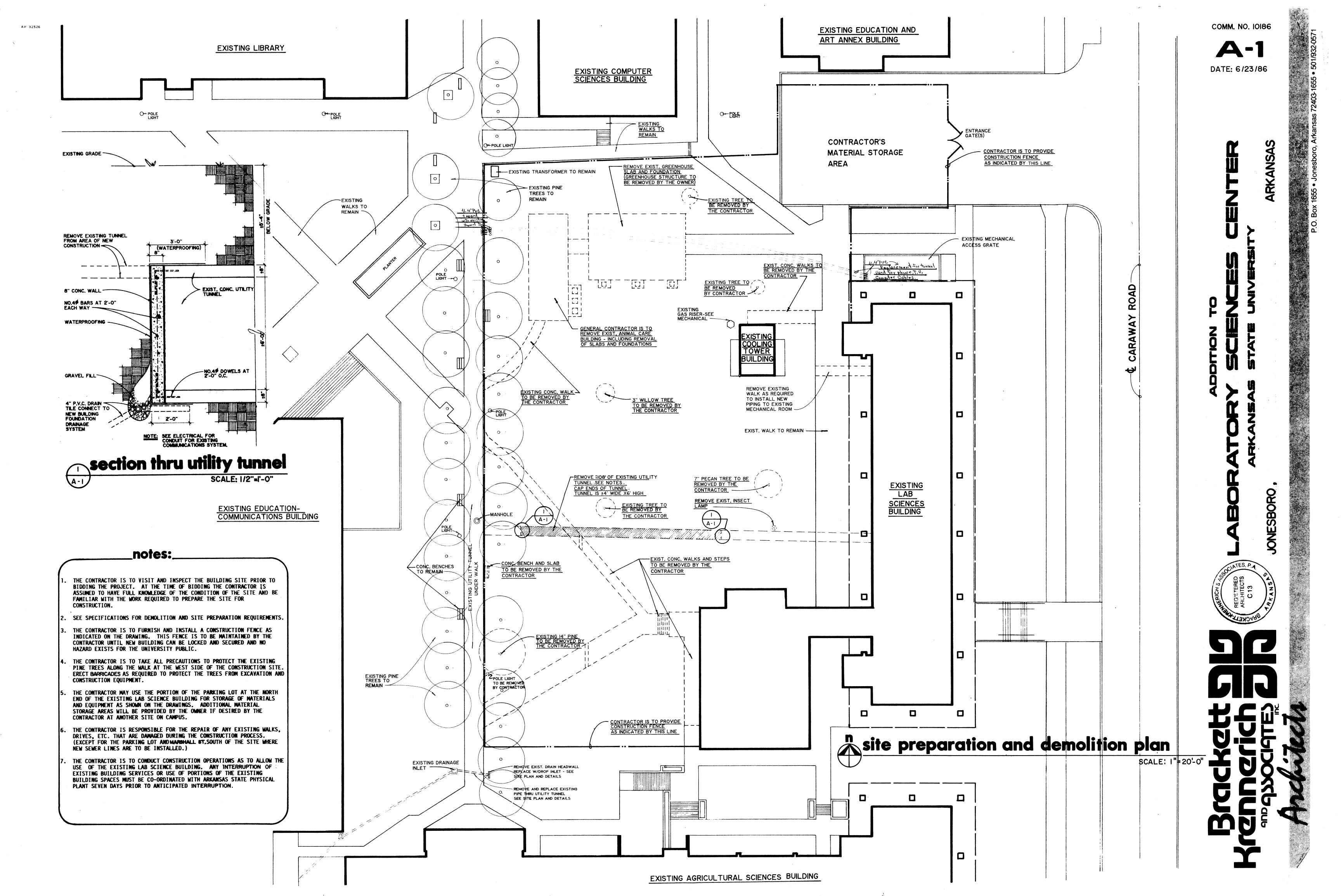


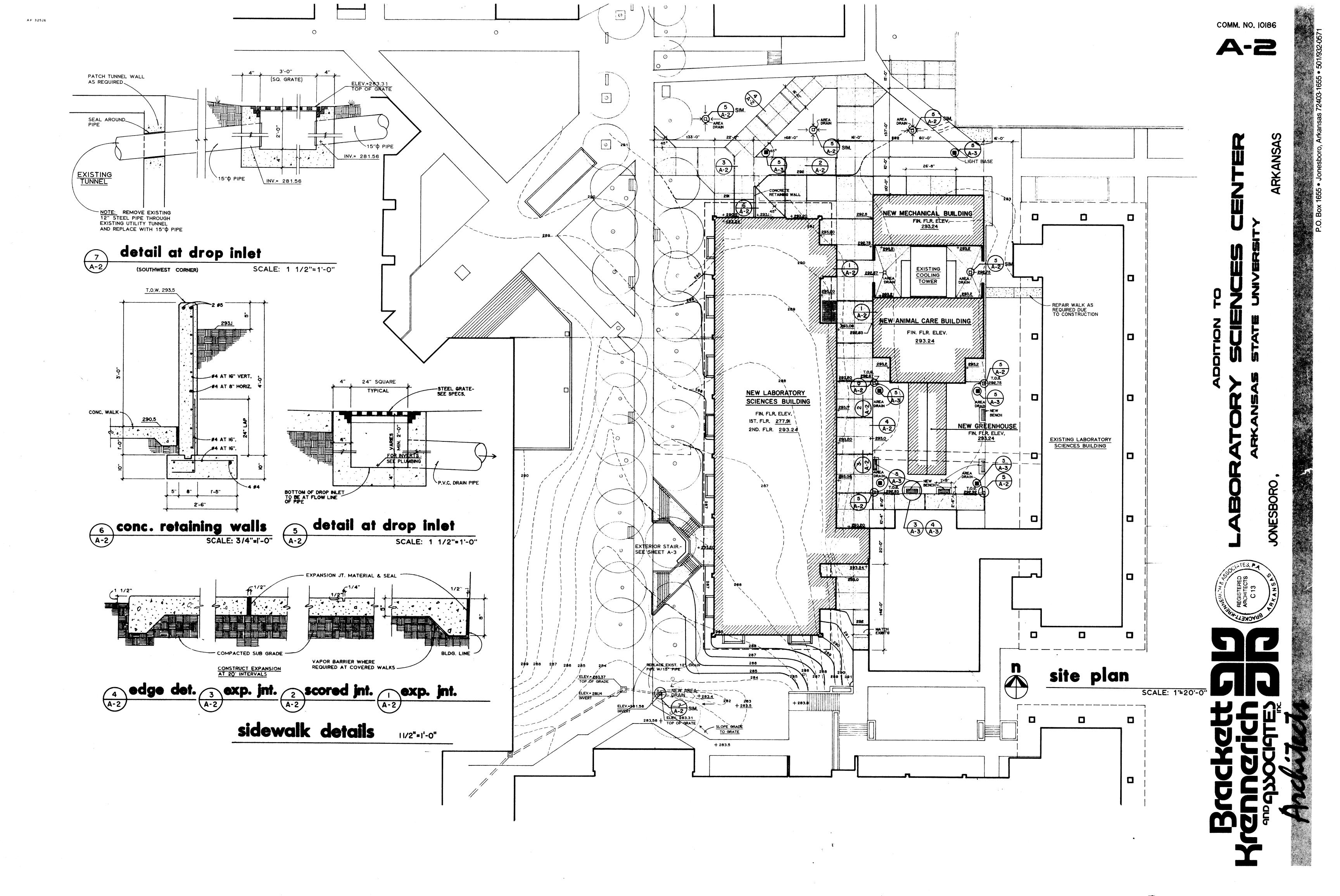
NEW LABORATORY SCIENCES CENTER

MATERIAL	
CONCRETE	E
WOOD BLOCKING	
PLYWOOD	
PLASTER	
STEEL (LARGE SCALE)	
BATT INSULATION	www
INSULATION BOARD	
CONCRETE BLOCK	er para eres Hara di
BRICK	
	<b>S.</b>

A	BRE	/IATIONS	
EXPANSION JOINT	E.J.	WATER HEATER	W.H.
CONSTRUCTION JOINT	C.J.	FIRE EXTINGUISHER	F.E.
SCORED JOINT	S.J.	PLATE	•
TOP OF FOOTING	T.O.F.	CARPET	CPT.
TOP OF WALL	T.O.W.	NOT IN CONTRACT	N.I.C.
TOP OF PIER	T.O.P.	FLOOR DRAIN	F.D.
ABOVE FINISH FLOOR	A.F.F	VINYL	VIN.
BOTTOM OF FOOTING	B.O.F.	SIMILAR	SIM.
NOT TO SCALE	'n.T.S.	APPROXIMATE	APP.
METAL THRESHOLD	M.T.	DRINK FOUNTAIN	D.F.
GENERAL CONTRACTOR	G.C.	SAME OPPOSITE HAND	S.O.H
		ROOF DRAIN	R.D.

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	SECTION AT STAIRWELLS, LARGE SCALE PLANS AT STAIRS AND DETAILS	S-4	SECOND FLOOR FRAMING PLAN, LAB. SCIENCE BLDG.	P-3	THIRD FLOOR PLUMBING PLAN, LAB. SCIENCE BLDG.	E-23	PANEL SCHEDULES
	The state of the s	S~5	THIRD FLOOR FRAMING PLAN, LAB. SCIENCE BLDG.	P-4	FOURTH FLOOR PLUMBING PLAN, LAB. SCIENCE BLDG.	E-24	PANEL SCHEDULES
<u></u>		S-6	FOURTH & FIFTH FLOOR FRAMING PLAN, LAB. SCIENCE BLDG.	P-5	FIFTH FLOOR PLUMBING PLAN, LAB. SCIENCE BLDG.	E-25	ELECTRICAL DETAILS

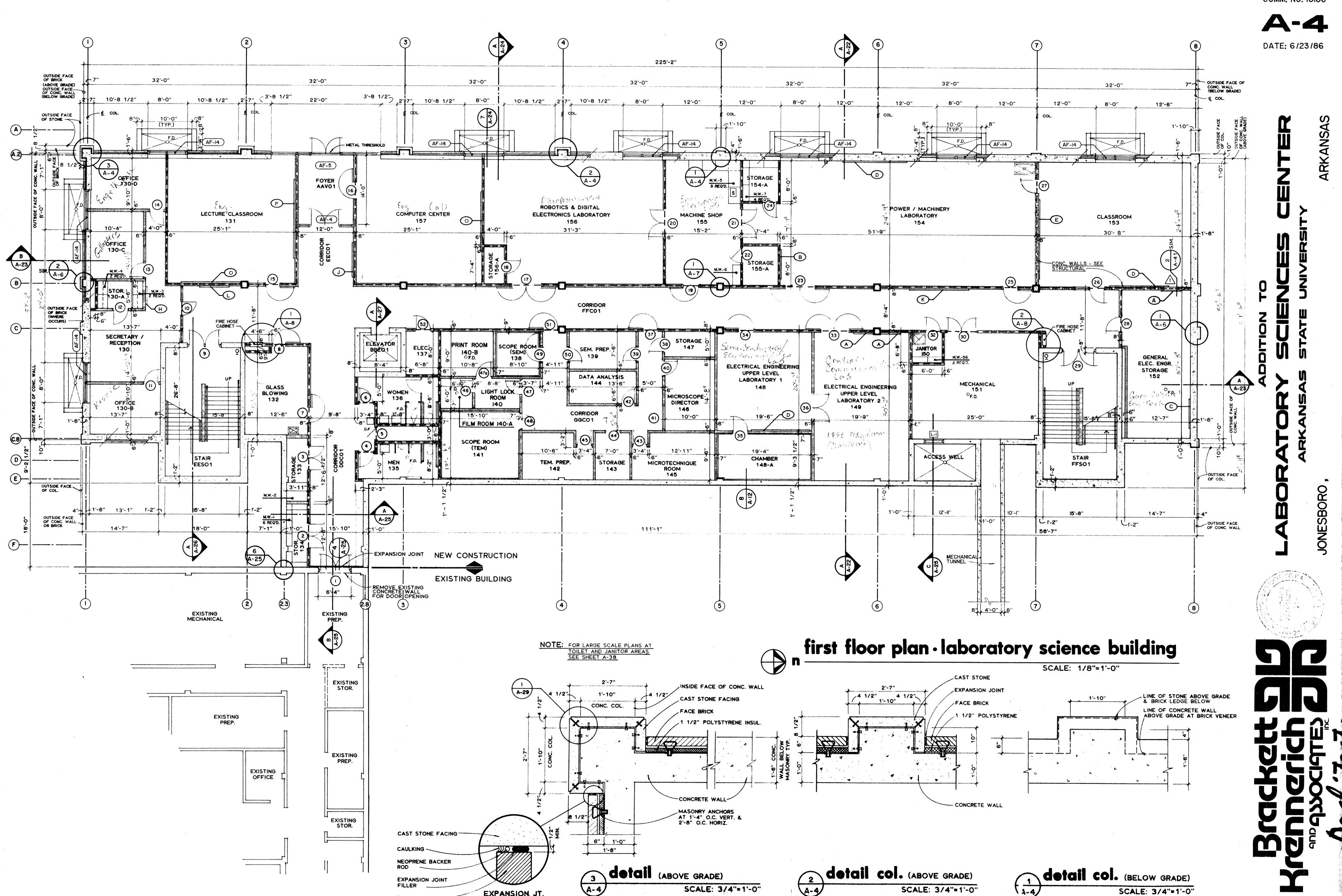




SCALE: 1 1/2"=1'-0"

**COMM. NO. 10186** A-3

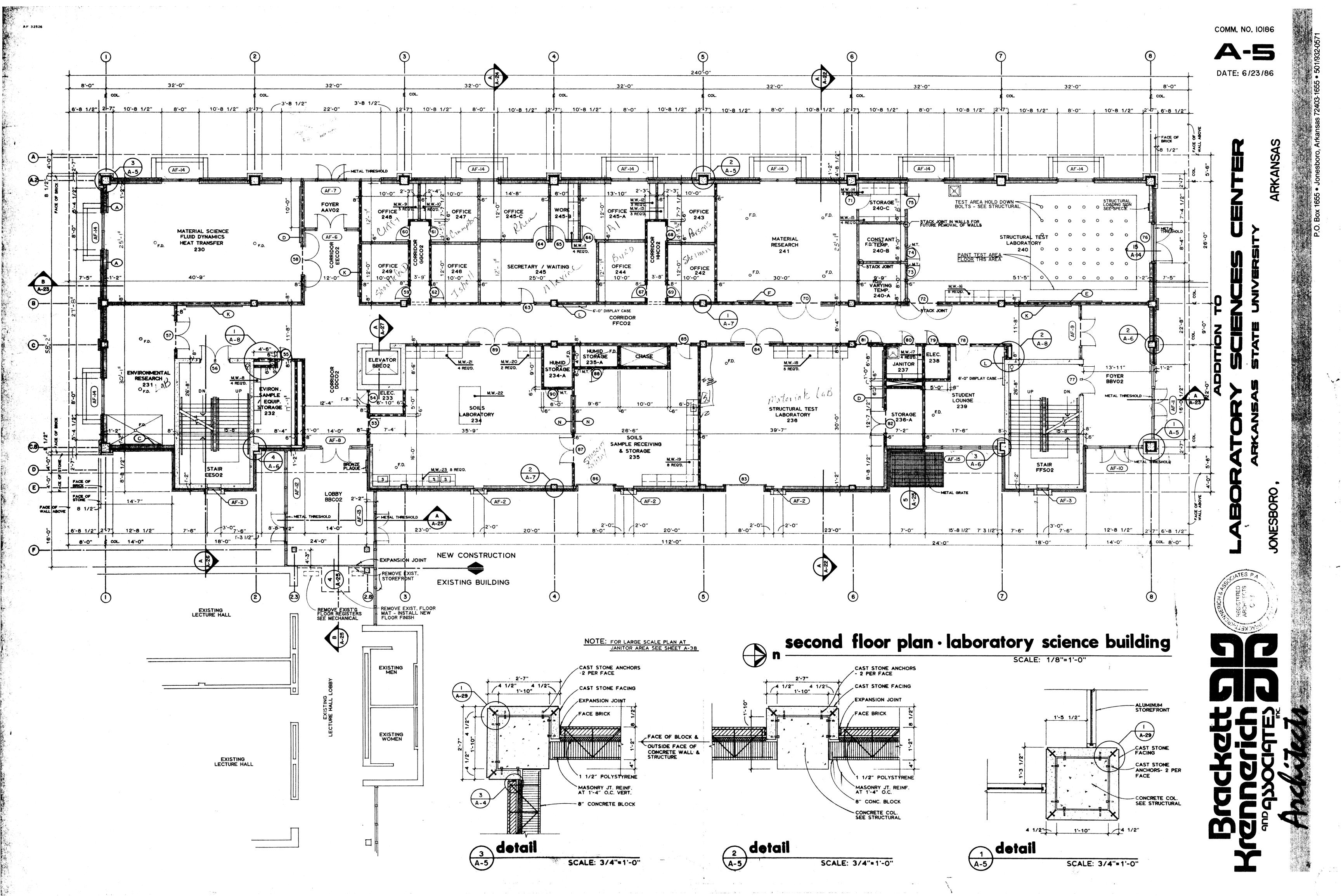
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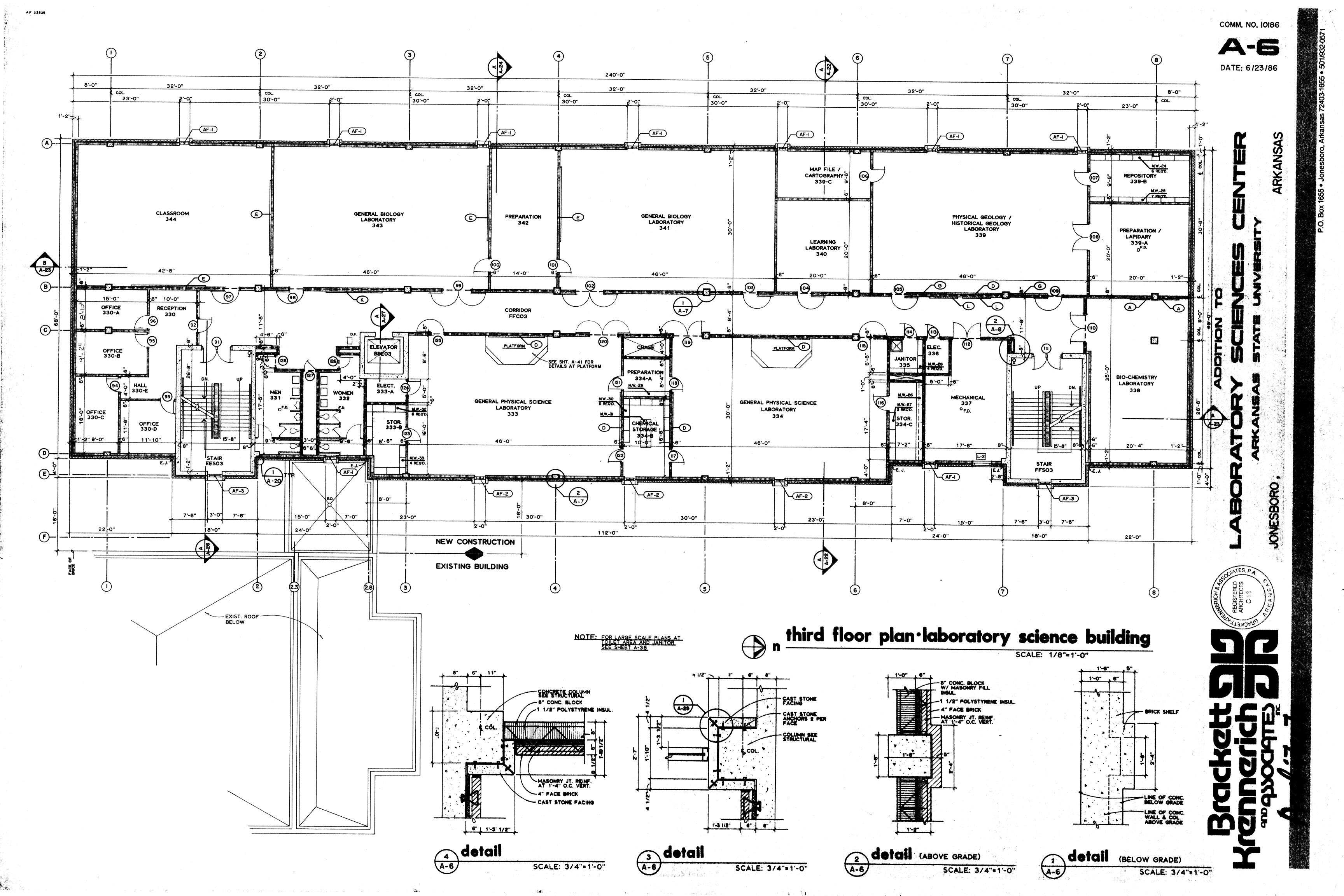


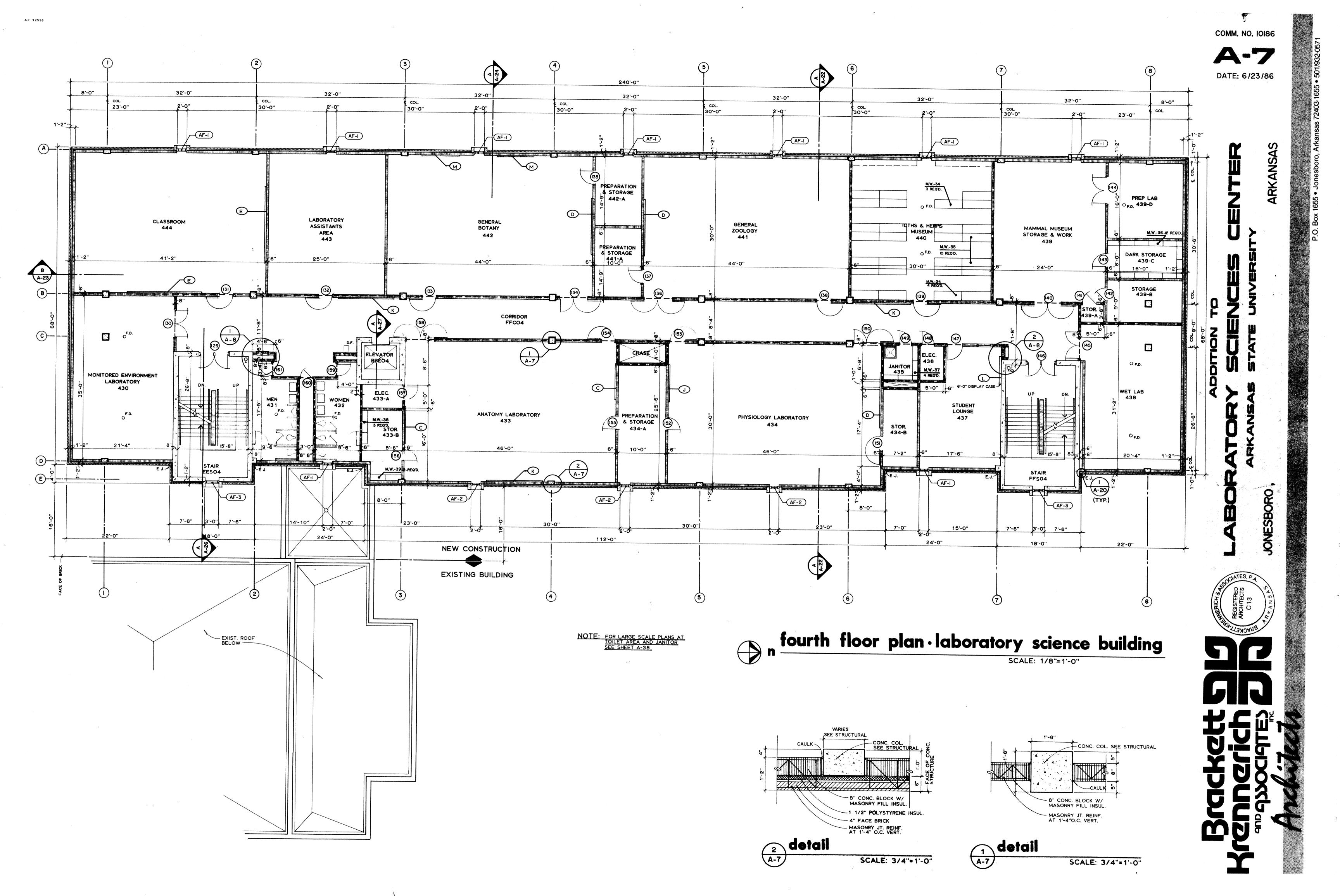
EXPANSION JT.

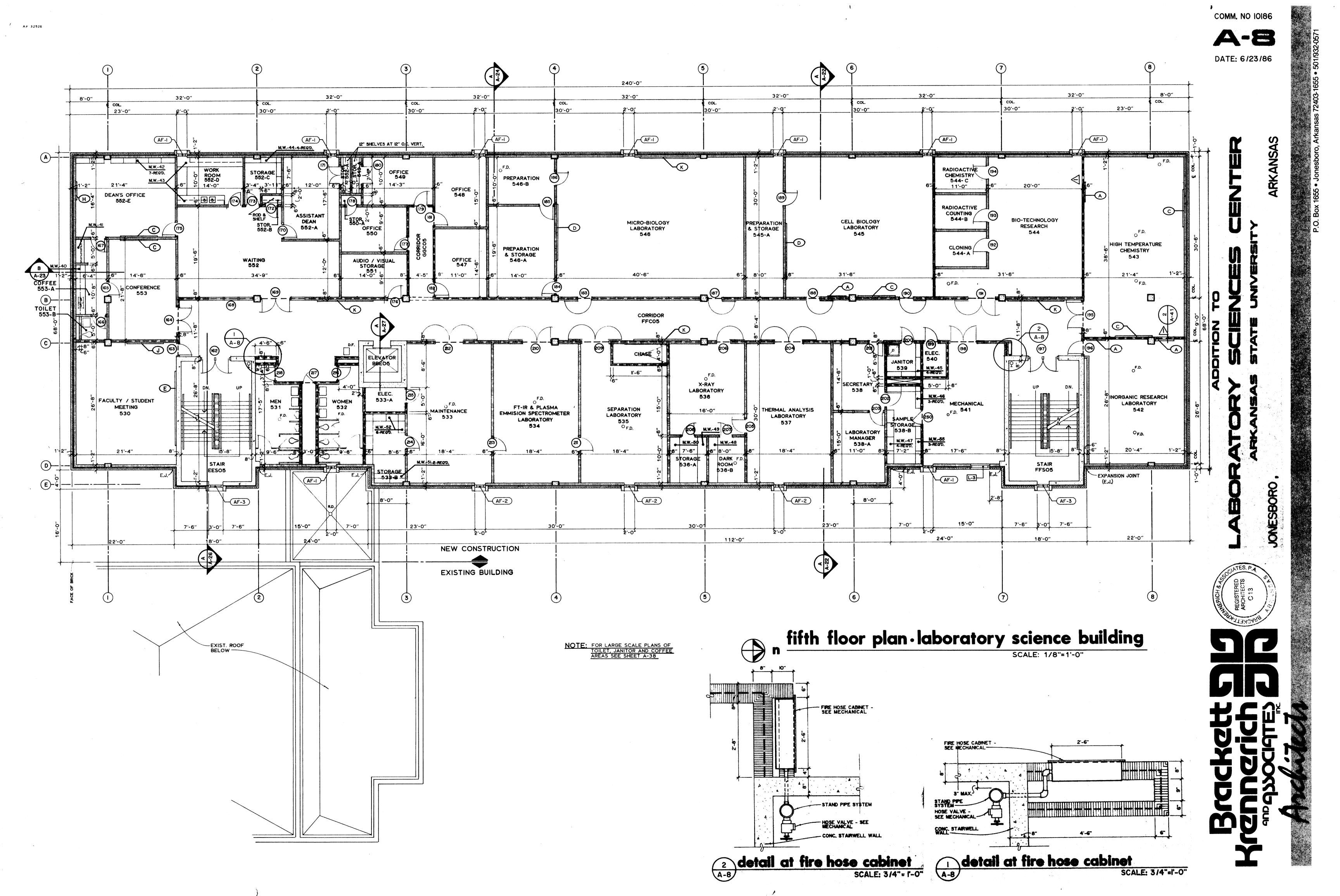
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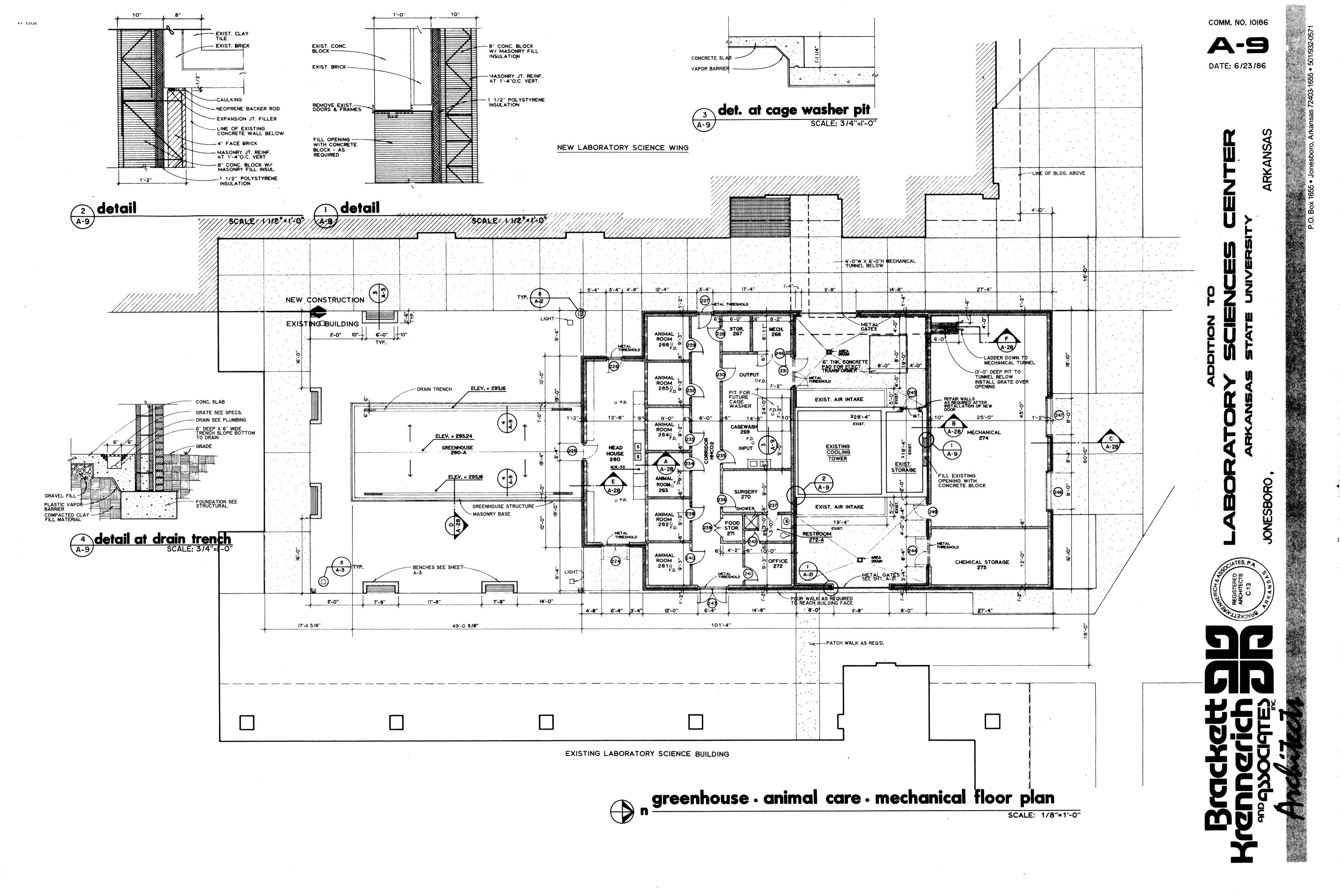
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PLAN SYMBOL

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

ROOM FINISH SCHEDULE • LAB SCIENCE BUILDING FIRST FLOOR

2 X 4 SUS. ACOUSTICAL

ACOUSTICAL

ACOUSTICAL

PAINTED (3) CONCRETE

2 x 4 SUS. ACOUSTICAL

ACOUSTICAL

2 x 4 SUS

ACOUSTICAL

ACOUSTICAL

ACOUSTICAL

2 x 4 SUS. ACOUSTICAL

ACOUSTICAL

EXPOSED STRUCTURE

ACOUSTICAL

ACOUSTICAL

EXPOSED

STRUCTURE

ACOUSTICAL

PLASTER (5)

ACOUSTICAL

ACOUSTICAL

**ACOUSTICAL** 

PAINTED

PLASTER (5)

ACOUSTICAL

ACOUSTICAL

ACOUSTICAL

ACOUSTICAL

2 x 4 SUS. ACOUSTICAL

2 x 4 SUS. ACOUSTICAL TILE

PAINTED (5)

PAINTED CONCRETE STRUCTURE

PAINTED (3) CONCRETE

2 x 4 SUS. ACOUSTICAL TILE

ACOUSTICAL

ACOUSTICAL

2 x 4 SUS. ACOUSTICAL

TILE PAINTED CONCRETE

STRUCTURE 2 x 4 SUS

ACOUSTICAL TILE

ACOUSTICAL

2 x 4 SUS. ACOUSTICAL TILE

2 x 4 SUS. ACOUSTICAL TILE

10'-0"

10'-0"

10'-0" PLASTER

PAINTED

REMARKS

CERAMIC GRANULAR FLOOR - TURN CONTINUOUS UP WALL TO FORM 4" COYE BASE

(2) PAINTED CONCRETE AT COLUMNS, STAIRS, ELEVATOR, AND EXTERIOR WALLS

(3) PAINT ALL EXPOSED SURFACES, UNDERNEATH SIDE OF LANDINGS, ETC.

(4) "SEALED" CONCRETE SEE SPECIFICATIONS

(5) CEMENT PLASTER OVER METAL LATH AND METAL SUSP. SYSTEM

) CERAMIC TILE BEHIND JANITOR'S SINK SEE INTERIOR ELEVATIONS

CEILING HEIGHT

8'-0"

10'-Ò"

9'-0"

10'-0"

10'-0"

10'-0"

10'-0"

10'-0"

PAINTED 2 x 4 SUS.
CONCRETE BLOCK 10'-0" ACOUSTICAL
TILE

CONCRETE BLOCK

CONCRETE BLOCK

F" STR. RUBBER CONCRETE BLOCK 10'-0" a CONCRETE (2)

4" STR. RUBBER CONCRETE BLOCK 10'-0"

STR. RUBBER CONCRETE BLOCK 10'-0"

4" STR. RUBBER CONCRETE BLOCK 10'-0"

& CONCRETE (2

& CONCRETE (2)

CONCRETE BLOCK

CONCRETE BLOCK A CONCRETE (2

CONCRETE BLOCK & CONCRETE (2)

EXPOSED CONCRETE BLOCK

CONCRETE BLOCK

CONCRETE BLOCK

CONCRETE BLOCK

PAINTED CONCRETE BLOCK

CONCRETE BLOCK

CONCRETE BLOCK & CONCRETE (2)

CONCRETE BLOCK

& CONCRETE (2)

CONCRETE BLOCK

CONCRETE BLOCK A CONCRETE (2)

PAINTED

PLASTER

PAINTED

4" RUBBER COVE CONCRETE BLOCK 10'-0"

4" RUBBER COVE PAINTED CONCRETE BLOCK 10'-0"

EXPOSED BLOCK & CONCRETE

PAINTED
CONCRETE BLOCK
4" RUBBER COVE & CONCRETE (2) 10'-0"

4" RUBBER COVE PLASTER

4" RUBBER COVE A CONCRETE (2)

4" RUBBER COVE CONCRETE BLOCK

4" CERAMIC (1) CONCRETE BLOCK GRAMULAR FL. & CONCRETE

PATINTED
CONCRETE BLOCK
A CONCRETE (2)

PAINTED
CONCRETE BLOCK
8 CONCRETE (2) 10'PAINTED
CONCRETE (2) 10'-

PAINTED
CONCRETE BLOCK
4" RUBBER COVE & CONCRETE (2) 10'-0"

PAINTED
CONCRETE BLOCK
4" RUBBER COVE & CONCRETE (2) 10'-0"

4" RUBBER COVE CONCRETE BLOCK & CONCRETE (2)

4" RUBBER COVE CONCRETE BLOCK

CERAMIC (1) 4" CERAMIC (1) PAINTED CONCRETE BLOCK 8'-0"

4" RUBBER COVE CONCRETE

4" RUBBER COVE PAINTED CONCRETE

CERAMIC TILE

CERAMIC

PAINTED PLASTER

& CONCRETE (2

" RUBBER COVE CONCRETE BLOCK 10'-0"

STR. RUBBER CONCRETE BLOCK

PAINTED CONCRETE BLOCK 8'-0"

CONCRETE BLOCK 8'-0"

ROOM NO.

AAVOT

EEC01

FFC01

EES01

130

130A

130B

1300

133

GGC01

140A

1408

ROOM NAME

CORRIDOR

CORRIDOR

STAIR

OFFICE

OFFICE

GLASS BLOWING

ELECTRICAL

CORRIDOR

LIGHT LOCK

FILM ROOM

PRINT ROOM

TEM. PREP.

STORAGE

MICROTECH-MIQUE ROOM

MICROSCOPE DIRECTOR

E.E. UPPER LEVEL LAB 1.

E.E. UPPER LEVEL LAB 2.

JANITOR

CLASSROOM

DDCO

POWER/MACH.

148-A CHAMBER

FLOOR

GRANULAR FL

CERANIC (I

CARPET

CARPET

EXPOSED CONCRETE

EXPOSED (4) CONCRETE

EXPOSED (4 CONCRETE

CERAMIC TILE

EXPOSED CONCRETE

EXPOSED (4) CONCRETE

CONCRETE

CONCRETE

CONCRETE

EXPOSED (4)

EXPOSED (4)

EXPOSED (4)

CONCRETE

CONCRETE

CONCRETE

CONCRETE

EXPOSED CONCRETE

EXPOSED CONCRETE

EXPOSED CONCRETE

EXPOSED CONCRETE

EXPOSED CONCRETE

EXPOSED (4) CONCRETE

CERAMIC (1) GRANULAR FL.

EXPOSED CONCRETE (4)

EXPOSED (4)

EXPOSED (4) CONCRETE

EXPOSED (4)

EXPOSED (4) CONCRETE

MACHINE SHOP EXPOSED (4)
CONCRETE

EXPOSED (4) 4" RUBBER CONCRETE COVE

EXPOSED (4) 4" RUBBER

EXPOSED (4) 4" RUBBER

EXPOSED (4) 4" RUBBER

4" RUBBER

CERAMIC (1) 4" CERAMIC (1) PAINTED GRANULAR FL. GRANULAR FL. CONCRETE

4" CERAMIC GRANULAR FL.

GRANULAR FL.

4" CERAMIC GRANULAR FL

" RUBBER C

4" CERAMIC

4" CERAMIC

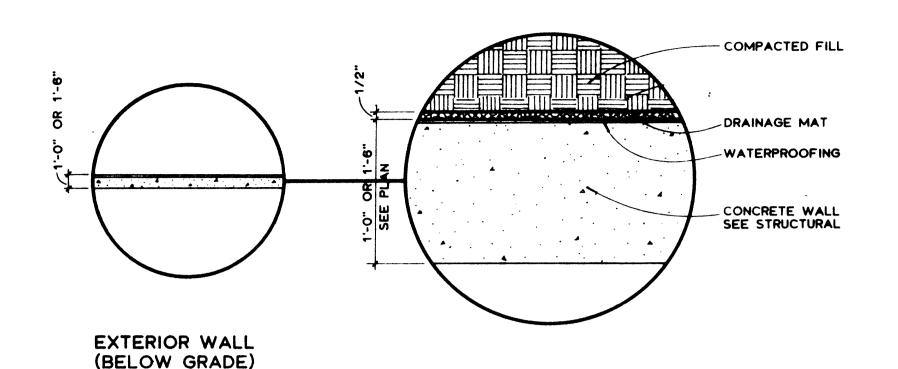
4" RUBBER

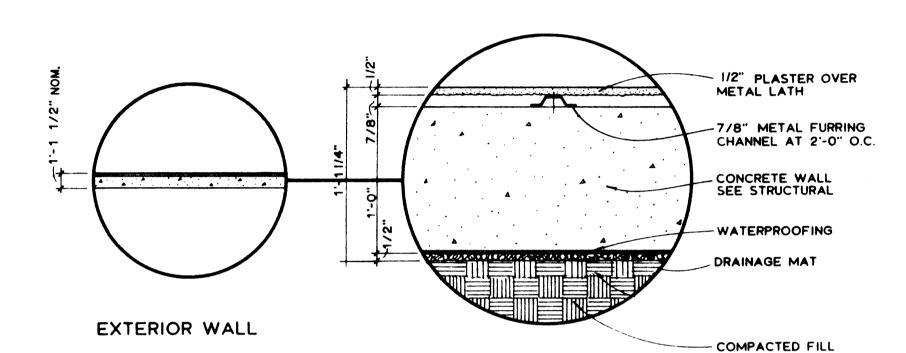
CERAMIC (1) 4" CERAMIC

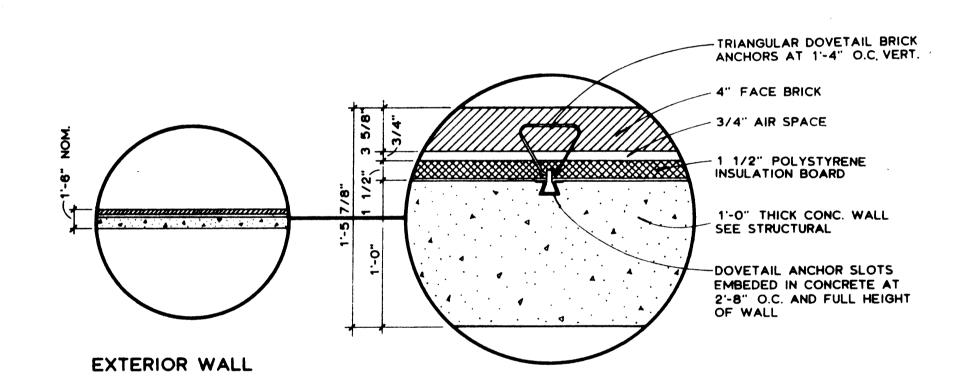
GRANULAR FL.

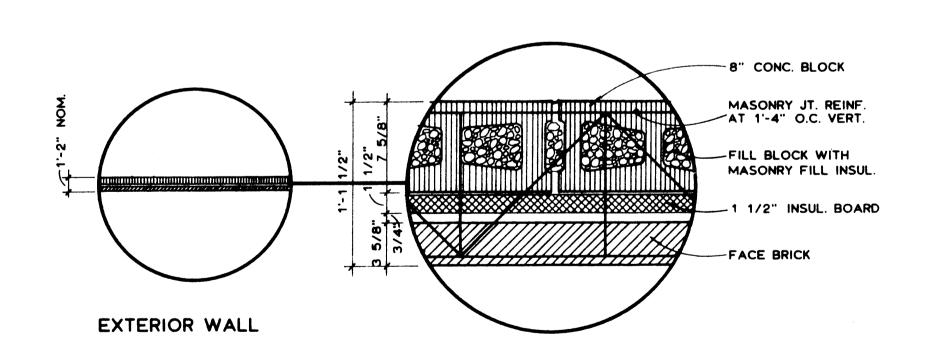
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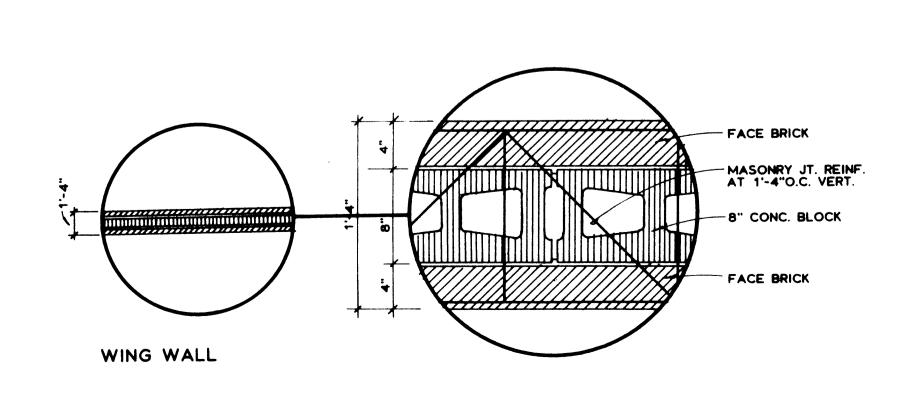
DESCRIPTION SCALE: 1 1/2"=1'-0"

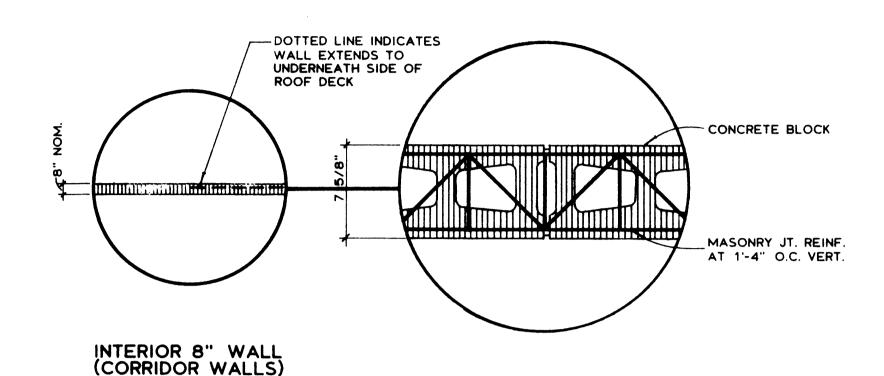


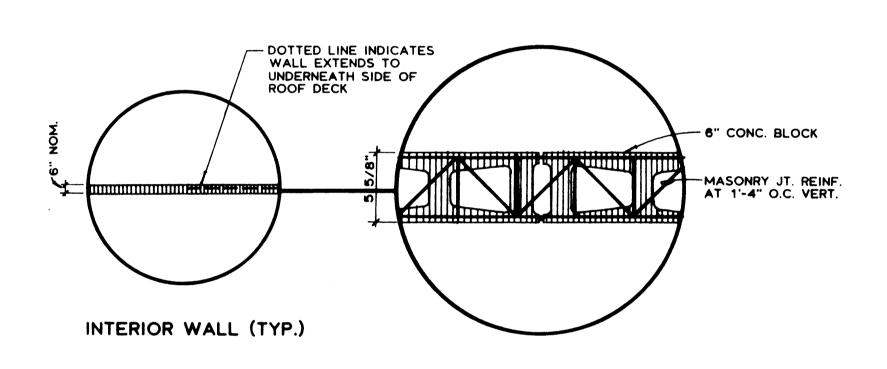


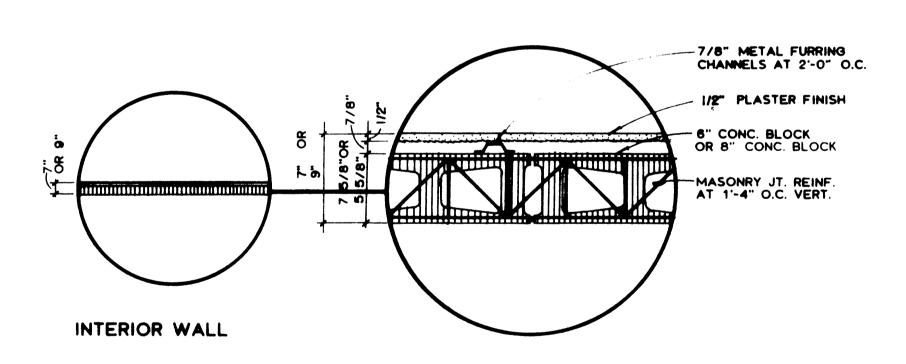


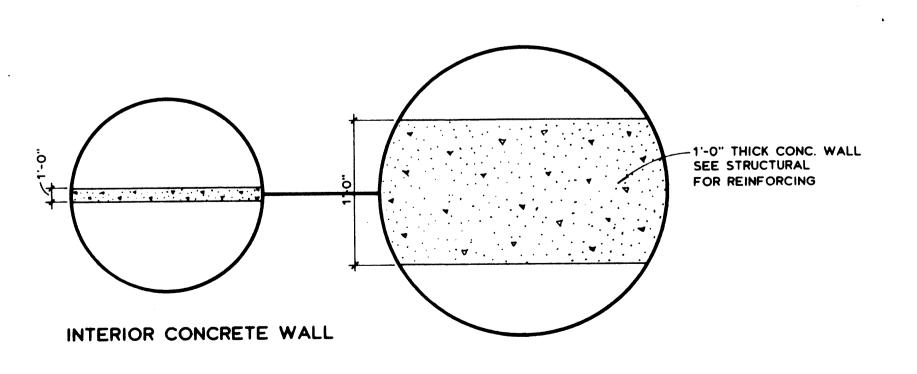












	ROO	M FIN	ISH SC	HEDU	LE-LAB	SCIENCE BUILDING SECOND FLOOR			ROO	M FIN	ISH SC	HEDU	ILE • LAB	SCIENCE BUILDING THIRD FLOOR			ROO	M FIN	ISH SC	HEDU	LE•LAB	SCIENCE BUILDING FOURTH FLOOR
ROOM ROOM NO. NAME	FLOOR	BASE	WALLS	CEILING HEIGHT	CEILING	REMARKS	ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING HEIGHT	CEILING	REMARKS	ROOM NO.	ROOM NAME	FLOOR	BASE		CEILING HEIGHT	CEILING	REMARKS
AAYO2 FOYER	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE BLOCK	1	2 x 4 SUS. ACOUSTICAL TILE	(1) CERAMIC GRANULAR FLOORING - TURN CONTINUOUS UP MALL TO FORM 4" COVE BASE	FFC03	CORRIDOR	CERANIC (1) GRANGEAR FL.	4" CERAMIC (1) GRANULAR FL.	PAYRTED CONCRETE BLOCK & CONCRETE (2)	8'-0"	2 x 4 SUS. ACOUSTICAL TILE	(1) CERAMIC GRANULAR FLOORING - TURN CONTINUOUS		CORRIDOR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1	PAINTED CONCRETE BLOCK & CONCRETE (2)		2 x 4 SUS. ACOUSTICAL TILE	(1) CERAMIC GRANULAR FLOORING - TURN CONTINUOUS UP HALL TO FORM 4" COVE BASE
EECO2 CORRIDOR	CERAMIC (1) GRANULAR FL.		PAINTED CONCRETE BLOCK	8'-6"	2 x 4 SUS. ACOUSTICAL TILE		EES03		CERANIC (1)		PAINTED CONCRETE BLOCK & CONCRETE		PAINTED (3) CONCRETE	(2) PAINTED CONCRETE AT COLUMNS, STAIRS, ELEVATOR MALLS		STAIR		4" CERAMIC (1	PATHTEN		PAINTED (3) CONCRETE	(2) PAINTED CONCRETE AT COLUMNS, STAIRS, ELEVATOR WALLS
FFCO2 CORRIDOR	CERAMIC (†) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE BLOCK & CONCRETE (2)	8'-6"	2 x 4 SUS. ACOUSTICAL TILE	(2) PAINTED CONCRETE AT COLUMNS, STAIRS, ELEVATOR WALLS.	330 / 330-E	RECEPTION / HALL	CARPET	4" STR. RUBBEI	PAINTED CONCRETE BLOCK & CONCRETE (2)	1 1	Z x 4 SUS. ACOUSTICAL TILE	(3) PAINT ALL EXPOSED SURFACES, UNDERNEATH SIDE OF LANDINGS, ETC.	430	MONITORED ENVIRON. LAB	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK & CONCRETE (2)		2 x 4 SUS. ACOUSTICAL TILE	(3) PAINT ALL EXPOSED SURFACES; UNDERNEATH SIDE OF LANDINGS, ETC.
DOCO2 CORRIDOR		4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE BLOCK & CONCRETE (2)	8'-6"	2 x 4 SUS. ACOUSTICAL TILE		330-A	OFFICE	CARPET	4" STR. RUBBES	PAINTED CONCRETE BLOCK	89-	2 x 4 SUS. ACOUSTICAL TILE		431	MEN	CERAMIC TILE	4" CERAMIC	CERAMIC TILE		2 x 4 SUS. ACOUSTICAL TILE	(4) "SEALED" CONCRETE - SEE SPECIFICATIONS
BBC02 LOBBY	THIN SET TERRAZZO	NONE			2 x 4 SUS. ACOUSTICAL TILE		330-B	OFFICE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	1	2 x 4 SUS. ACOUSTICAL TILE		432	MOMEN	CERAMIC TILE	4" CERAMIC COVE	CERAMIC TILE		2 x 4 SUS. ACOUSTICAL TILE	
EESO2 STAIR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE BLOCK & CONCRETE		PAINTED CONCRETE (3) 2 x 4 SUS.	(3) PAINT ALL EXPOSED SURFACES: UNDERNEATH SIDE OF LANDINGS, ETC.	330-C	OFFICE	CARPET	4" STR. RUBBEI	PAINTED CONCRETE BLOCK	8'-9"	Z x 4 SUS. ACOUSTICAL TILE Z x 4 SUS.		433	ANATONY LAB	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED (2) CONCRETE BLOCK		2 x 4 SUS. ACOUSTICAL TILE	
230 MATERIAL SCIENCE	EXPOSED (4) CONCRETE	4" RUBBER COYE	PAINTED CONCRETE BLOCK PAINTED	8'-6"	ACOUSTICAL	(4) "SEALED" CONCRETE SEE SPECIFICATIONS	330-D	OFFICE	CARPET	4" STR. RUBBEI	CONCRETE BLOCK & CONCRETE (2)	8'-9"	ACOUSTICAL TILE		433-A	ELECTRICAL	EXPOSED (4) CONCRETE	NONE	EXPOSED BLOCK & CONCRETE		EXPOSED Structure	
ENVIRONMENTAL RESEARCH	<del></del>	<del></del>	CONCRETE BLOCK & CONCRETE (2)	8'-6"	ACOUSTICAL TILE 2 x 4 SUS.		331	MEN	CERAMIC TILE	4" CERAMIC COVE	CERAMIC TILE	8'-9"	2 x 4 SUS. ACOUSTICAL TILE		433-B	STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
ENVIRONMENTAL SAMPLE	EXPOSED (4) CONCRETE		CONCRETE BLOCK & CONCRETE (2)	8'-6"	ACOUSTICAL TILE		332	WOHEN		4" CERAMIC COVE	CERAMIC TILE	8'-9"	Z X 4 SUS. ACOUSTICAL TILE		434	PHYSIOLOGY LAB	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
233 ELECTRICAL	EXPOSED (4) CONCRETE	NONE	EXPOSED CONCRET & CONCRETE BLOC	K —	EXPOSED STRUCTURE PAINTED		333	GEN. PHYSICAL SCIENCE LAB	EXPOSED (4) CONCRETE (5)	4" RUBBER COVE	PAINTED (2) CONCRETE BLOCK	•	2 x 4 SUS. ACOUSTICAL TILE EXPOSED	(4) "SEALED" CONCRETE - SEE SPECIFICATIONS	434-A	PREPARATION/ STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE 2 x 4 SUS.	
SOILS LABORATORY	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED (2) CONCRETE BLOCK		CONCRETE STRUCTURE PAINTED		333-A	ELECTRICAL		1	EXPOSED BLOCK & CONCRETE		CONCRETE STRUCTURE 2 x 4 SUS.	CERAMIC GRANULAR FLOORING TO BE INSTALLED  ON PLATFORM	434-B	STORAGE		4" RUBBER COVI	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE	
234-A STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK		CONCRETE STRUCTURE PAINTED		333-В	STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK		ACOUSTICAL TILE 2 x 4 SUS.		435	JAMITOR	EXPOSED (4) CONCRETE	4" RUBBER COVI	PAINTED (5) CONCRETE BLOCK		PAINTED CONCRETE STRUCTURE	(5) CERAMIC TILE BEHIND THE JAMITORS SINK - SEE INTERIOR ELEVATIONS
SOILS SAMPLE RECEIVING		4" RUBBER COVI	PAINTED CONCRETE BLOCK		CONCRETE STRUCTURE PAINTED		334	GEN. PHYSICAL SCIENCE LAB	·	4" RUBBER COV	PAINTED BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		436	ELECTRICAL	EXPOSED (4) CONCRETE		EXPOSED CONCRETE BLOCK		EXPOSED STRUCTURE	
235-A STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COVI	PAINTED CONCRETE BLOCK	1	CONCRETE STRUCTURE PAINTED			PREPARATION	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		437				PAINTED (2) CONCRETE & CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
236 STRUCTURAL TEST LAB	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK		CONCRETE STRUCTURE		334-В	CHEMICAL STORAGE		4" RUBBER COV	PAINTED CONCRETE BLOCK	1	ACOUSTICAL TILE 2 x 4 SUS.		FFS04	STAIR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1 GRANULAR FL.	) CONCRETE & CONCRETE BLOCK		PAINTED (3) CONCRETE 2 x 4 SUS.	
237 JANITOR	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED (5) CONCRETE BLOCK		PAINTED CONCRETE STRUCTURE EXPOSED	(5) CERAMIC TILE BEHIND JANITOR'S SINK SEE INTERIOR ELEVATIONS	334-C	STORAGE		4" RUBBER COV	PAINTED E CONCRETE BLOCK		ACOUSTICAL TILE		438	MET LAB	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE	
238 ELECTRICAL	EXPOSED (4) CONCRETE		EXPOSED CONCRETE BLOCK PAINTED		CONCRETE STRUCTURE 2 x 4 SUS.		335	JAMITOR	1	4" RUBBER COV	PAINTED (6) CONCRETE BLOCK		PAINTED CONCRETE STRUCTURE EXPOSED	(6) CERAMIC TILE BEHIND JANITOR'S SINK SEE INTERIOR ELEVATIONS	439	MAJORAL MUSEUM	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
239 STUDENT LOUNGE	WONULAK FL.	GONIULAR I'L.	CONCRETE BLOCK & CONCRETE (2)	8'-6"	ACOUSTICAL TILE		336	ELECTRICAL		NONE	CONCRETE BLOCK		CONCRETE STRUCTURE EXPOSED		439-A	STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
FFS02 STAIR	GRANULAR FL.	GRANULAR FL.	CONCRETE BLOCK & CONCRETE		PAINTED CONCRETE (3) 2 x 4 SUS.		337	MECHANICAL	1		CONCRETE BLOCK		CONCRETE STRUCTURE		439-В	STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED E CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
REYO2 FOYER	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE BLOCK & CONCRETE (2)		ACOUSTICAL TILE PAINTED		FFS03	STAIR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE BLOCK & CONCRETE		PAINTED (3) CONCRETE 2 x 4 SUS.		439-C	DARK STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED E CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
STRUCTURAL LAB TEST	EXPOSED (4) CONCRETE	4" RUBBER COVI	PAINTED CONCRETE BLOCK		CONCRETE STRUCTURE PAINTED	PAINT TEST AREA FLOOR SEE PLAN	338	BIO-CHEMISTRY LAB		4" RUBBER COV	PAINTED CONCRETE BLOCK	9'-4"	ACOUSTICAL TILE 2 x 4 SUS.		439-D	PREP. LAB	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
240-A VARYING TEMP.	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED ECONCRETE BLOCK		CONCRETE STRUCTURE PAINTED			PHYSICAL GEOLOGY	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		440	ICTHS & HERPS	EXPOSED (4) CONCRETE	4" RUBBER COVI	PAINTED CONCRETE BLOCK	89.	2 x 4 SUS. ACOUSTICAL TILE	
240-B CONSTANT TEMP	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED ECONCRETE BLOCK		CONCRETE STRUCTURE 2 x 4 SUS.		339-A	PREPARATION/ LAPIDARY	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		441	GENERAL ZOOLOGY		4" RUBBER COVI	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	·
240-C STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COV	PAINTED ECONCRETE BLOCK	Ì	ACOUSTICAL TILE PAINTED			REPOSITORY		4" RUBBER COVI	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		441-A	PREPARATION/ STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
241 MATERIAL RESEARCH			PAINTED ECONCRETE BLOCK		CONCRETE STRUCTURE 2 x 4 SUS.			NAP FILE/ CARTOGRAPHY	EXPOSED (4) CONCRETE	4" RUBBER COVI	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		442	GENERAL BOTANY		4" RUBBER COVE	PAINTED BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
HHCO2 CORRIDOR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1 GRANULAR FL.	PAINTED CONCRETE BLOCK	8'-6"	ACOUSTICAL TILE 2 x 4 SUS.		340				PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		442-A				PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE 2 x 4 SUS.	
242 OFFICE	CARPET	4" STR. RUBBE	PAINTED CONCRETE BLOCK		ACOUSTICAL TILE 2 x 4 SUS.						PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 × 4 SUS.		443	ASSISTANTS		4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.	
243 OFFICE	CARPET	4" STR. RUBBE	PAINTED CONCRETE BLOCK		ACOUSTICAL TILE 2 x 4 SUS.		1			4" RUBBER COVI	PAINTED BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.		444	CLASSROOM	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK		ACOUSTICAL TILE	
244 OFFICE	CARPET	4" STR. RUBBE	PAINTED CONCRETE BLOCK		ACOUSTICAL TILE 2 x 4 SUS.		343	LAB			PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE 2 x 4 SUS.									
SECRETARY/ WAITING	CARPET	4" STR. RUBBE	PAINTED CONCRETE BLOCK	8'-6"	ACOUSTICAL TILE Z x 4 SUS. ACOUSTICAL		344	CLASSROOM	CONCRETE (4)	4" RUBBER COVI	PAINTED CONCRETE BLOCK	8'-9"	ACOUSTICAL TILE									
245-A OFFICE	CARPET	4" STR. RUBBE	PAINTED BLOCK		TILE 2 x 4 SUS.																	
245-8 MORK	CARPET	4" STR. RUBBE	PAINTED CONCRETE BLOCK	8'-6"	ACOUSTICAL TILE 2 x 4 SUS.		<b> </b>					-			-							
245-C OFFICE	CARPET		PAINTED CONCRETE BLOCK	1	ACOUSTICAL TILE Z x 4 SUS.																	
GGC02 CORIDOR	GRANULAR FL.	4" CERAMIC (1 GRANULAR FL.	CONCRETE BLOCK		ACOUSTICAL TILE 2 x 4 SUS.																	
246 OFFICE	CARPET	4" STR. RUBBE	PAINTED BLOCK PAINTED	8'-6"	ACOUSTICAL TILE 2 x 4 SUS.							-										
247 OFFICE	CARPET	4" STR. RUBBE	R CONCRETE BLOCK		ACOUSTICAL TILE 12 x 4 SUS.						<b>_</b>				-							
248 OFFICE	CARPET	4" STR. RUBBE	PAINTED R CONCRETE BLOCK	8'-6"	ACOUSTICAL TILE 2 x 4 SUS.																	
249 OFFICE	CARPET	4" STR. RUBBE	PAINTED R CONCRETE BLOCK PAINTED		ACOUSTICAL TILE 2X4 SUS.																	
236-A STORAGE	EXPOSED (4) CONCRETE	RUBBER COVE	CONC. BLOCK		ACOUSTICAL TILE																****	
							/															
									***************************************					· · · · · · · · · · · · · · · · · · ·								
																				1		

ROOM NO.

ROOM NAME

FACULTY/ STUDENT MEET.

WOMEN

FT-IR & PLASMA

SEPARATION

THERMAL ANALYSIS LAB

SECRETARY

533-B

FLOOR

EXPOSED (4)
CONCRETE

EXPOSED (4) CONCRETE

EXPOSED (4) CONCRETE

EXPOSED (4) CONCRETE

CERAMIC (1) 4" CERAMIC GRANULAR FL. GRANULAR FL.

CERAMIC (1) 4" CERAMIC (1) CONCRETE BLOCK GRANULAR FL. GRANULAR FL. & CONCRETE (2) 8'-0"

4" RUBBER COVE CONCRETE BLOCK & CONCRETE (2)

4" RUBBER COVE CONCRETE BLOCK

4" RUBBER COVE CONCRETE BLOCK

4" RUBBER COVE CONCRETE BLOCK

4" RUBBER COVE CONCRETE BLOCK 8'-9"

4" RUBBER COVE CONCRETE BLOCK 8'-9"

PAINTED
RUBBER COVE CONCRETE BLOCK 8'-9"

4" RUBBER COVE CONCRETE BLOCK 8'-9"

-- PAINTED
4" STR. RUBBER CONCRETE BLOCK 8'-9"

CONCRETE BLOCK

EXPOSED BLOCK & CONCRETE

NO SCALE

\_\_carpet - ceramic granular

2"XI/2" MARBLE THRESHOLD -

THIN SET TERRAZZO FLOORING

DIRECT GLUE DOWN CARPET

THIN SET CERAMIC TILE-

EPOXY GROUT

exposed conc.- ceramic granular

3 ceramic tile - ceramic granular

terrazzo - ceramic granular

carpet - exposed concrete

transition details

<u>uning tokovik romanom votro rikiroko trok (tokom)</u>

G carpet - ceramic tile

- METAL TERMINATION BAR

CERAMIC GRANULAR FLOORING

METAL TERMINATION BAR

- EPOXY GROUT

-RUBBER CARPET CAP

-2"XI/2" MARBLE THRESHOLD

NO SCALE

CERAMIC GRANULAR FLOORING

- CERAMIC GRANULAR FLOORING

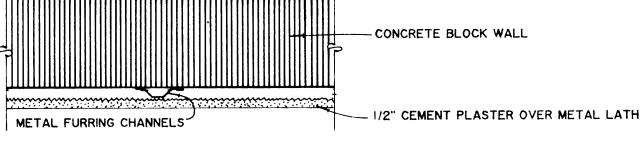
NO SCALE

NO SCALE

COMM. NO. 10186

JONESBORO

-SUSPENDED METAL GRID SYSTEM TIE BACK TO STRUCTURE



8 det. at wall

details at plaster

det. at ceiling

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

	1	ROO	M FIN	SH SC	HEDU	JLE • LAB	SCIENCE BUILDING ROOF
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING HEIGHT	CEILING	REMARKS
EESO6	STAIR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE & CONCRETE BLOCK		PAINTED CONCRETE (2)	SEE SHEET A-36
BBE 06	ELEVATOR PENTHOUSE	EXPOSED STRUCTURE	NONE	EXPOSED CONCRETE		EXPOSED CONCRETE	(1) CERAMIC GRANULAR FLOORING - TURN CONTINUOUS UP WALL TO FORM 4" COVE BASE
630	VENTILATION EQUIP. ROOM	EXPOSED STRUCTURE	NONE	EXPOSED CONCRETE BLOCK		EXPOSED STRUCTURE	(2) PAINT ALL EXPOSED SURFACES; UNDERNEATH SIDE OF LANDINGS, ETC.
FFS06	STAIR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE & CONCRETE BLOCK		PAINTED (2) CONCRETE	
		·					
				·			
<del></del>							

538-A	LABORATORY MANAGER	CARPET	4" STR. RUBBER	CONCRETE BLOCK	8'-9 <b>"</b>	ACOUSTICAL TILE	
538-B	SAMPLE STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
539	JANITOR	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED (5) CONCRETE BLOCK		PAINTED CONCRETE STRUCTURE	(5) CERAMIC TILE BEHIND JANITORS SINK - SEE INTERIOR ELEVATIONS
540	ELECTRICAL	EXPOSED (4) CONCRETE	NONE	EXPOSED CONCRETE BLOCK		EXPOSED STRUCTURE	
541	MECHANICAL	EXPOSED (4) CONCRETE	NONE	EXPOSED CONCRETE & CONCRETE BLOCK		EXPOSED STRUCTURE	
FFS05	STAIR	CERAMIC (1) GRANULAR FL.		PAYRTED CONCRETE BLOCK & CONCRETE	****	PAINTED (3) CONCRETE	
542	INORGANIC RESEARCH LAB	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	9'-3"	Z x 4 SUS. ACOUSTICAL TILE	
543	HIGH TEMP CHEMISTRY	EXPOSED (4) CONCRETE		PAINTED CONCRETE BLOCK	9'-3"	2 x 4 SUS. ACOUSTICAL TILE	
544	B10-TECH RESEARCH	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL	
544-A	CLONING	EXPOSED (4) CONCRETE		PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL	
544-B	RADIOACTIVE COUNTING	EXPOSED (4) CONCRETE		PAINTED CONCRETE BLOCK	8'-9"	TILE  2 x 4 SUS.  ACOUSTICAL  TILE	
544-C	RADIOACTIVE CHEMISTRY	EXPOSED (4) CONCRETE		PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
<b>64</b> 5	CELL BIOLOGY LAB.	EXPOSED (4) CONCRETE		PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
545-A	PREPARATION & STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
546	MICRO-BIOLOGY LAB	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
546-A	PREPARATION & STORAGE	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
546-B	PREPARATION	EXPOSED (4) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
<b>66</b> C05	CORRIDOR	CERAMIC (1) GRANULAR FL.	4" CERAMIC (1) GRANULAR FL.	PAINTED CONCRETE BLOCK	8'-0"	2 x 4 SUS. ACOUSTICAL TILE	
547	OFFICE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
548	OFFICE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9 <b>"</b>	2 x 4 SUS. ACOUSTICAL TILE	
549	OFFICE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'9"	2 x 4 SUS. ACOUSTICAL TILE	
549-A	STORAGE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
550	OFFICE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
550-A	STORAGE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
551	AUDIO/ ' VISUAL STOR.	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SHS. ACOUSTICAL TILE	
552	MAITING	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
552-A	ASSISTANT DEAN	CARPET	4" STR. RUBBER	STANED MOOD (6) PAMELING	8-9"	2 x 4 SUS. ACOUSTICAL TILE	(6) MOOD PANELING GLUED DIRECTLY TO CONCRETE BLOCK MALLS - SEE SPECIFICATIONS
552-A	STORAGE	CARPET	N" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	Ž x 4 SUS. ACOUSTICAL TILE	
552-B	STORAGE	CARPET	I" STR. RUBBER	PAINTED CONCRETE BLOCK	8'- <b>9"</b>	2 x 4 SUS. ACOUSTICAL TILE	
552-C	STORAGE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
552-D	MORK ROOM	CARPET	4" STR. RUBBER		8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
552-E	DEAN'S OFFICE	CARPET	4" STR. RUBBER		8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
553	CONFERENCE	CARPET	4" STR. RUBBER	MOOD PAMELING (6)	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
J	COFFEE	CARPET	4" STR. RUBBER	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	
553-A	COLLEC	O'BG E !					
553-A 553-B	TOILET	CERAMIC TILE	4" CERAMIC	PAINTED CONCRETE BLOCK	8'-9"	2 x 4 SUS. ACOUSTICAL TILE	

ROOM FINISH SCHEDULE . LAB SCIENCE BUILDING FIFTH FLOOR

ACOUSTICAL TILE

ACOUSTICAL

ACOUSTICAL

2 x 4 SUS. ACOUSTICAL TILE

2 x 4 SUS. ACOUSTICAL

EXPOSED STRUCTURE

2 x 4 SUS. ACOUSTICAL

ACOUSTICAL

REMARKS

CERAMIC GRANULAR FLOORING - TURN CONTINUOUS

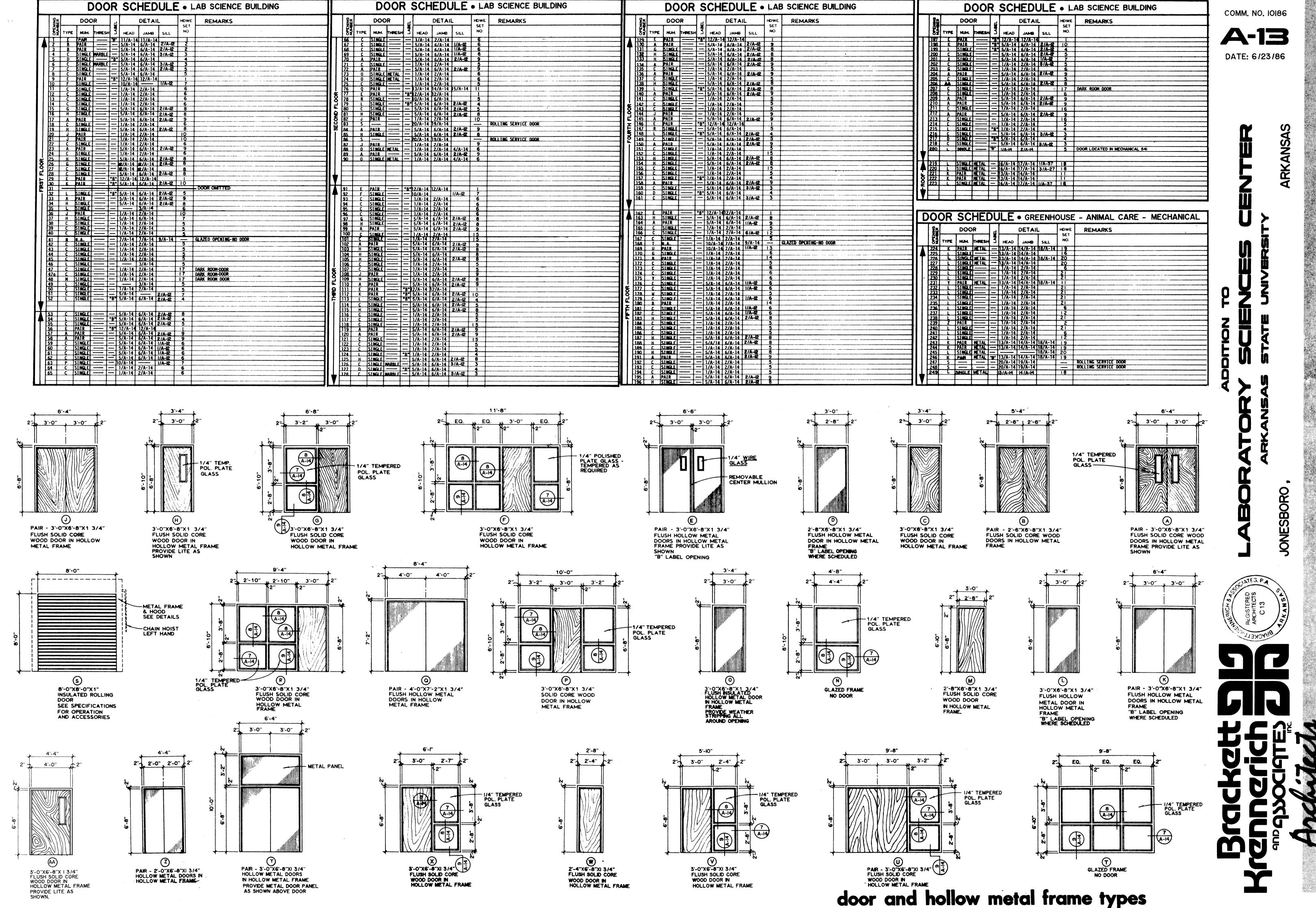
PAINTED CONCRETE AT COLUMNS, STAIRS, ELEVATOR MALLS

UP MALL TO FORM 4" COVE BASE

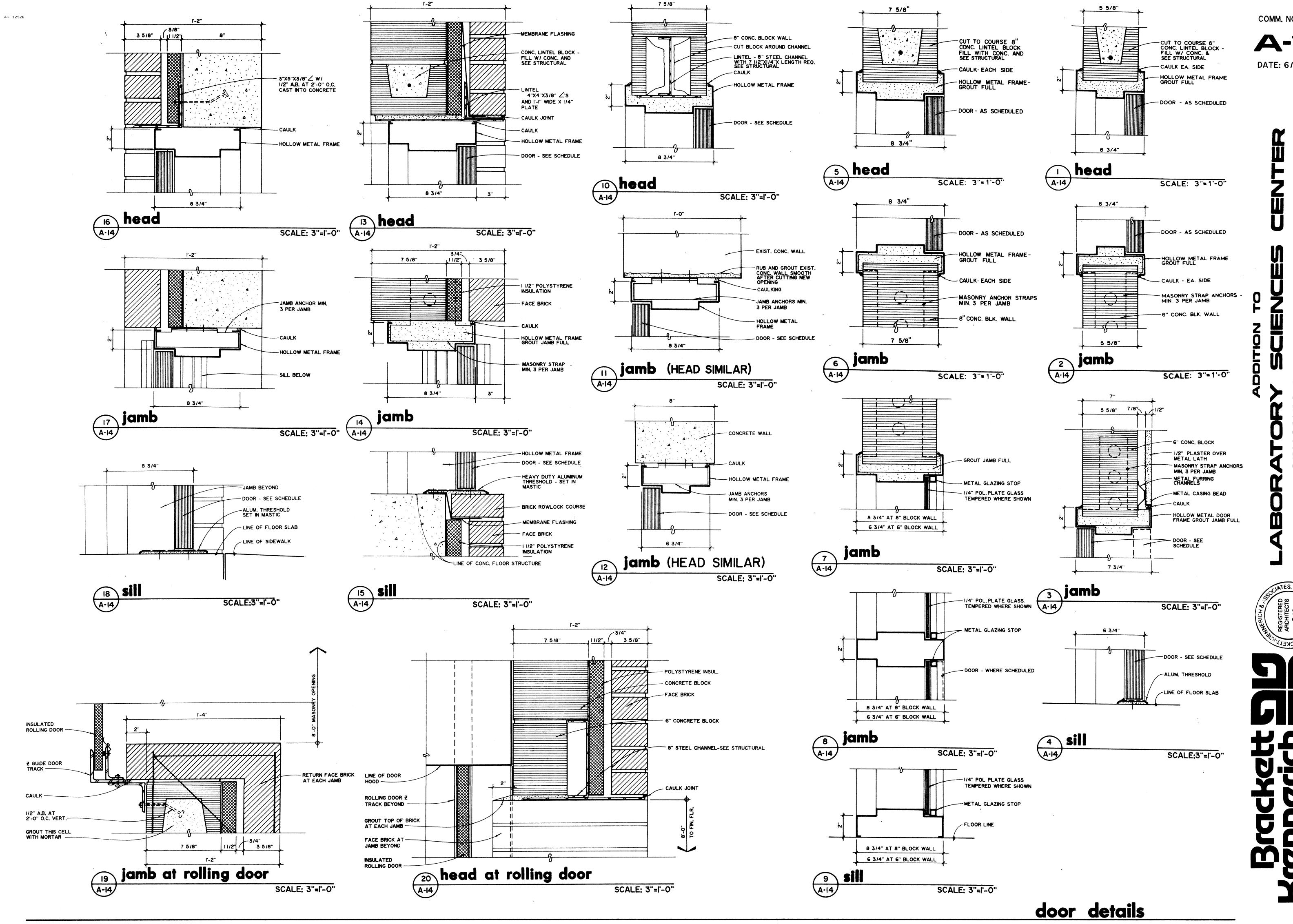
(3) PAINT ALL EXPOSED SURFACES; UNDERNEATH SIDE OF LANDINGS, ETC.

CEILING HEIGHT

OOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING HEIGHT	CEILING	REMARKS
50	HEAD HOUSE	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	_	PAINTED METAL DECK & JOISTS	(1) "SEALED" CONCRETE - SEE SPECIFICATIONS
0-A	GREENHOUSE	EXPOSED (1)	MONE	PAINTED (2) CONCRETE BLOCK		EXPOSED GREENHOUSE STRUCTURE	(2) PAINT 2'-8" HIGH BLOCK WALL GREENHOUSE BASE SEE SECTIONS
HC02	CORRIDOR	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	2 x 4 SUS. VINYL COVERED GYP. PANELS	
261	ANIMAL ROOM	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	2 x 4 SUS. VINYL COVERED GYP. PANELS	
62	ANINAL ROOM	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	2 x 4 SUS. VINYL COVERED GYP. PAMELS 2 x 4 SUS.	
63	ANIMAL ROOM	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	VINYL COVERED GYP. PANELS 2 x 4 SUS.	
64	ANIMAL ROOM	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10"-0"	VINYL COVERED GYP. PANELS 2 x 4 SUS.	
265	ANIMAL ROOM	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	VINYL COVERED GYP. PANELS 2 x 4 SUS.	
266	ANIMAL ROOM	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	VINYL COVERED GYP. PANELS 2 x 4 SUS.	
267	STORAGE	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	VINYL COVERED GYP. PANELS	
268	MECHANICAL	EXPOSED (1) CONCRETE	MONE	CONCRETE BLOCK	<del>  -</del> -	EXPOSED STRUCTURE 2 x 4 SUS.	
269	CAGEWASH	EXPOSED (1) CONCRETE	4" RUBBER COVE	PAINTED CONCRETE BLOCK	10'-0"	GYP. PANELS 2 x 4 SUS.	
270	SURGERY	CONCRETE (1)		PAINTED BLOCK	10'-0"	VINYL COVERED GYP. PANELS 2 x 4 SUS.	
271	FOOD STORAGE	EXPOSED (1) CONCRETE  EXPOSED (1)	4" RUBBER COVE	PAINTED CONCRETE BLOCK PAINTED	10'-0"	VINYL COVERED GYP. PAMELS 2 x 4 SUS. VINYL COVERED	
272	OFFICE	CONCRETE	4" RUBBER COVE	PAINTED (3)	10'-0"	GYP. PAMELS 2 x 4 SUS.	(3) CERAMIC TILE AT SHOWER WALLS -
272-A	RESTROOM	CERAMIC TILE EXPOSED (1)	COVE	CONCRETE BLOCK EXPOSED	10'-0"	VINYL COVERED GYP. PANELS PAINTED NETAL DECK	SEE INTERIOR ELEVATIONS
273	CHEMICAL STORAGE	CONCRETE  EXPOSED (1)	NONE	CONCRETE BLOCK EXPOSED	1	A JOISTS PAINTED METAL DECK	
274	MECHANICAL	CONCRETE	NONE	CONCRETE BLOCK		& JOISTS	
· · · · · · · · · · · · · · · · · · ·							
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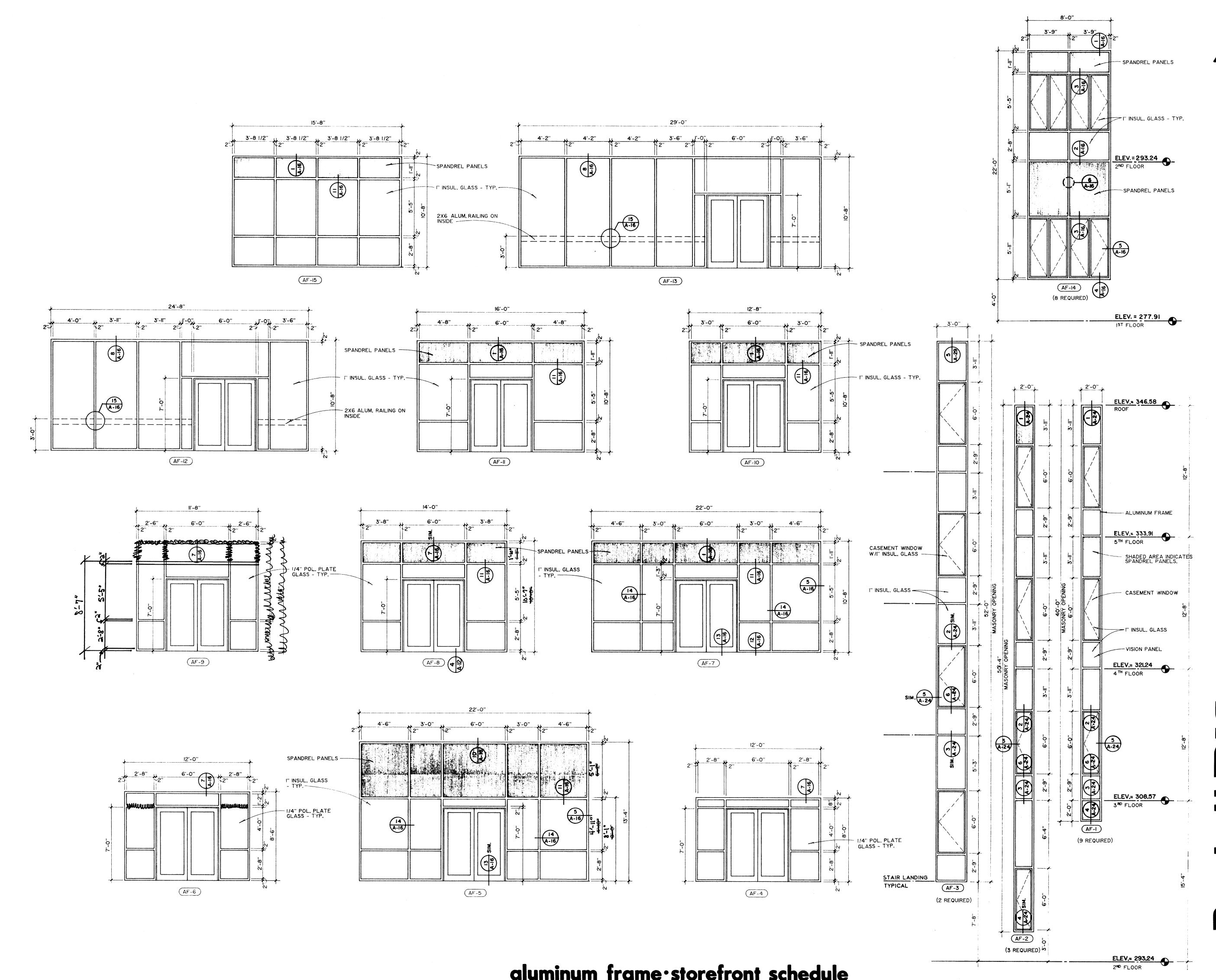
SCALE: 1/4"=1'-0"



COMM. NO. 10186

**A-14** DATE: 6/23/86

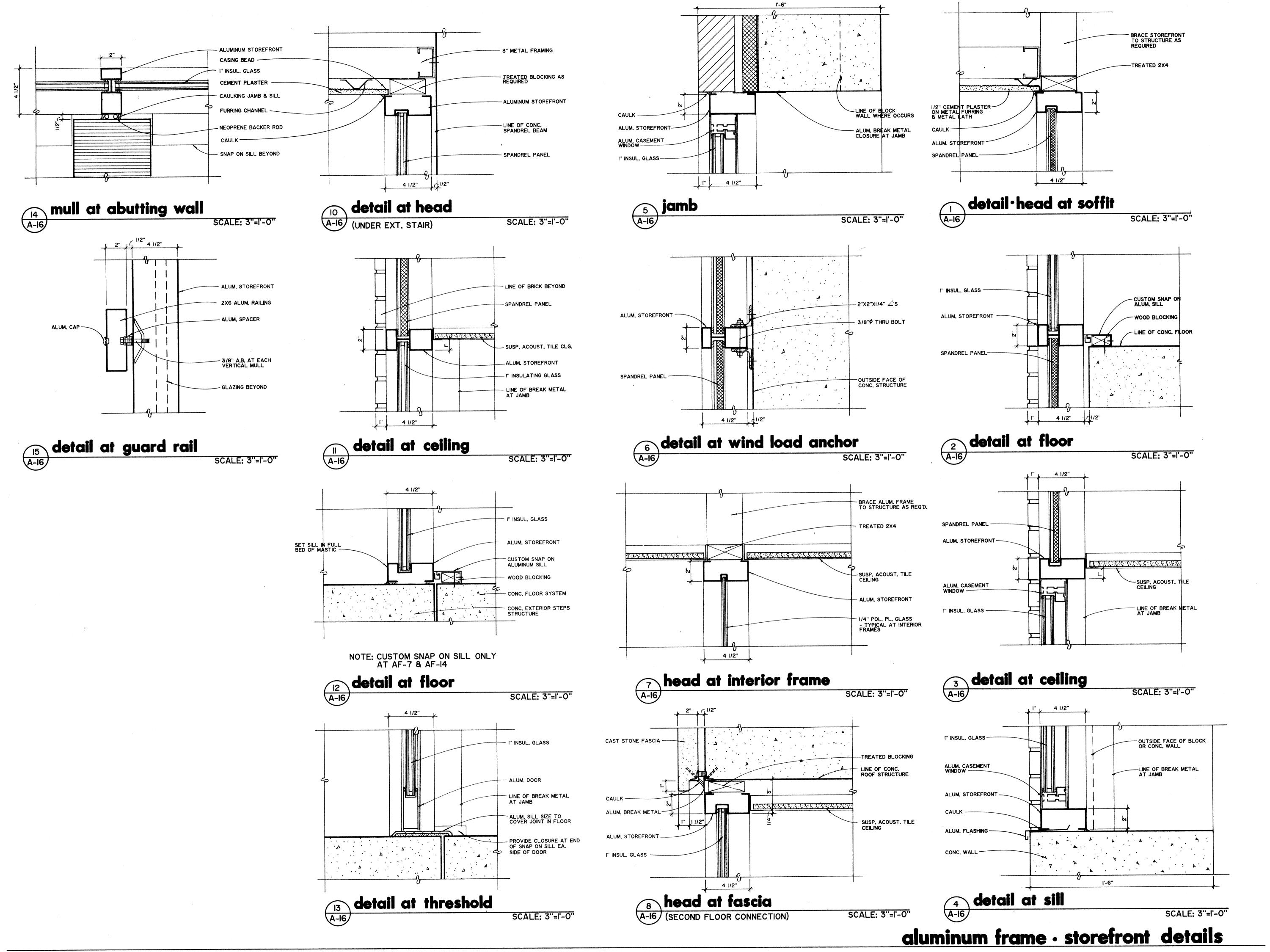
JONESBORO



COMM. NO. 10186 **A-15** DATE: 6/23/86

aluminum frame storefront schedule

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

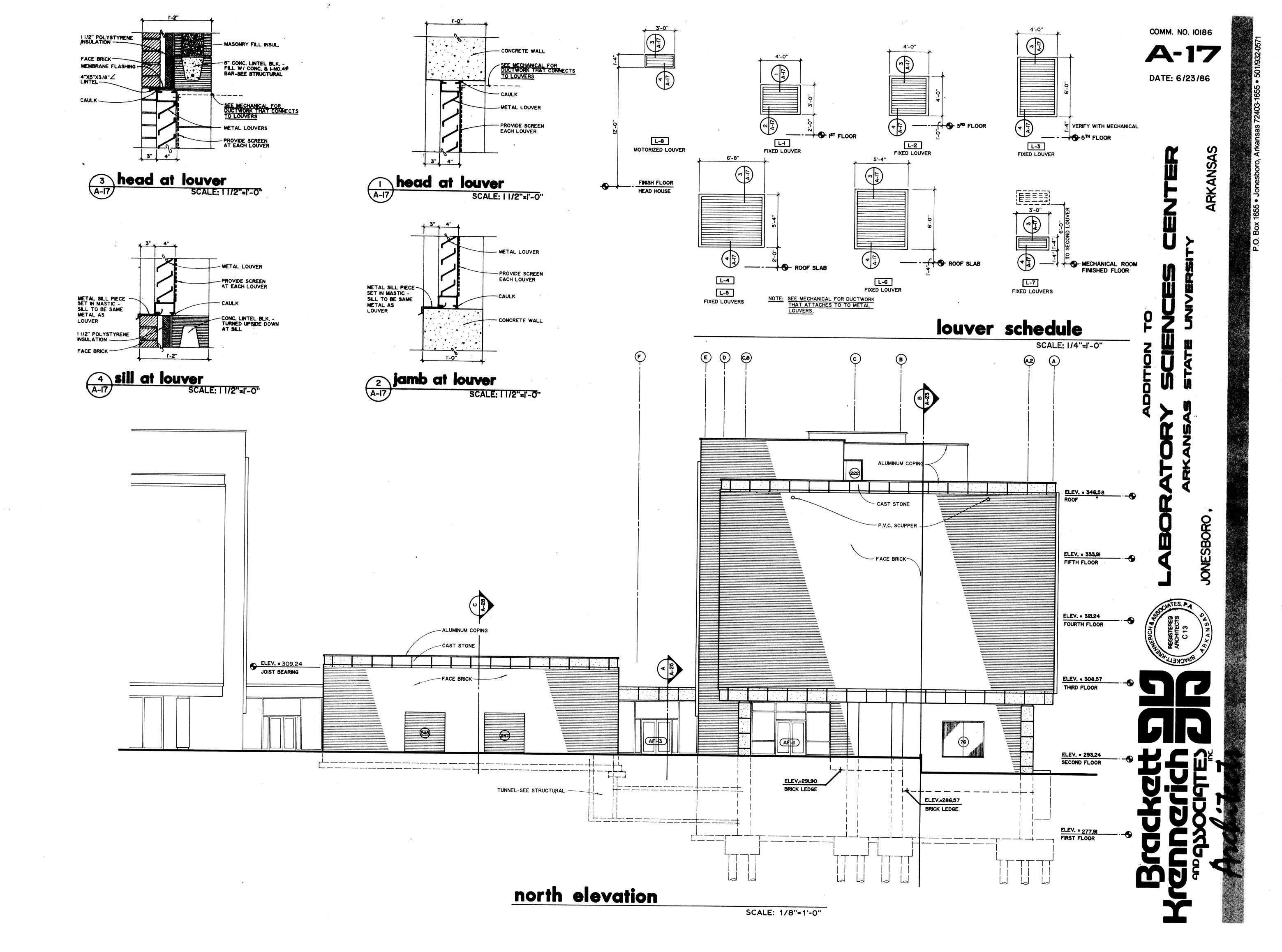


COMM. NO. 10186

**A-16** 

DATE: 6/23/86

ARKANSAS



west elevation

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

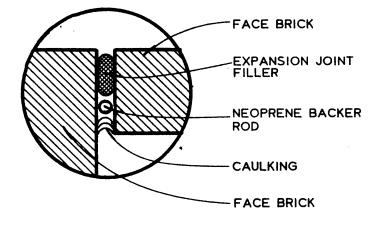
L-6 P.V.C. SCUPPER - FACE BRICK -FIFTH FLOOR - GED ELEV. = 308,57
THIRD FLOOR SECOND FLOOR AF-5 ELEV. =286,57



ELEV. = 346,58 CAST STONE P.V.C. SCUPPER -ELEV. = 333,91
FIFTH FLOOR - FACE BRICK -EXISTING BUILDING FOURTH FLOOR ELEV. = 308.57
THIRD FLOOR EXISTING BUILDING SECOND FLOOR FIRST FLOOR

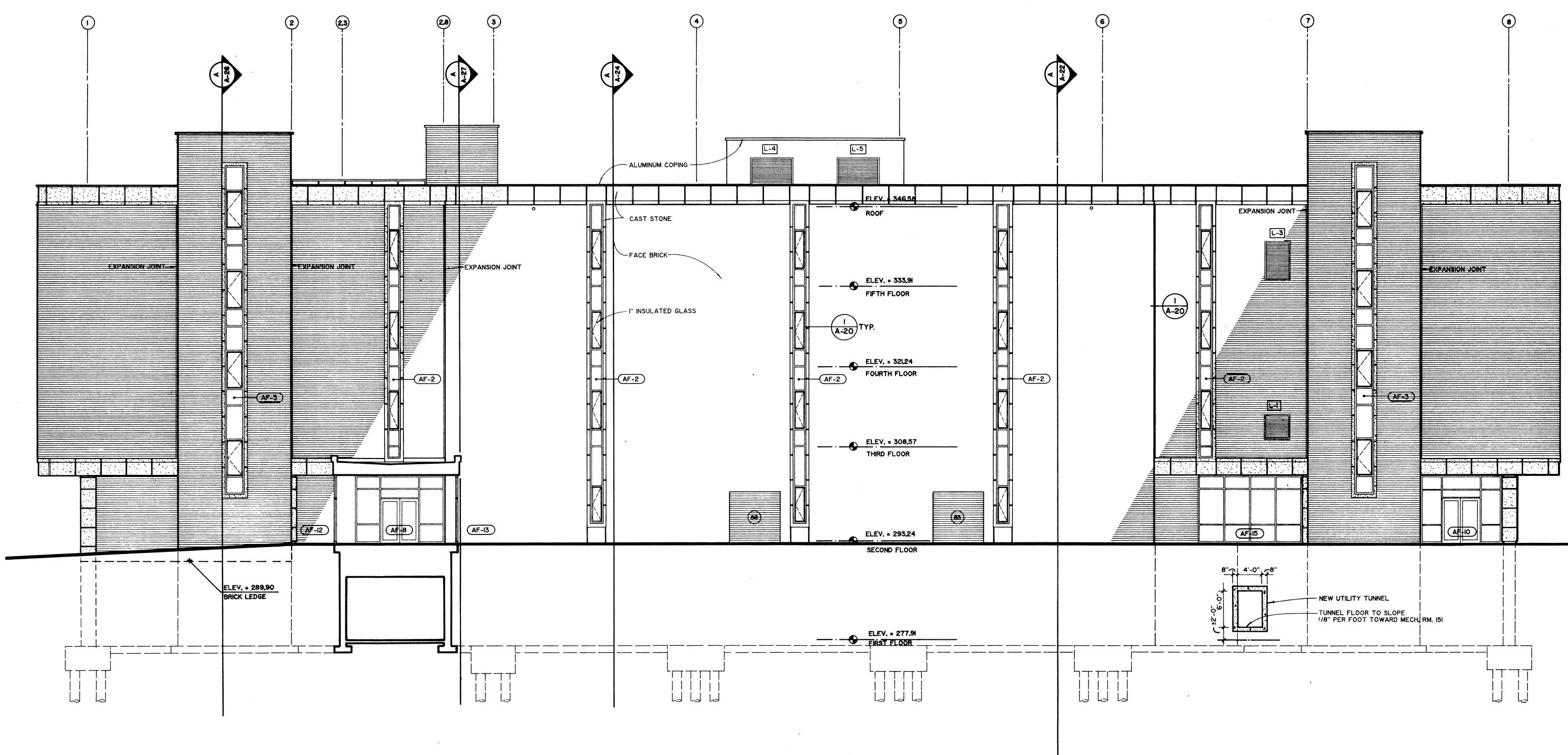
south elevation

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



exp. joint det.

SCALE: 3"=1'-0"



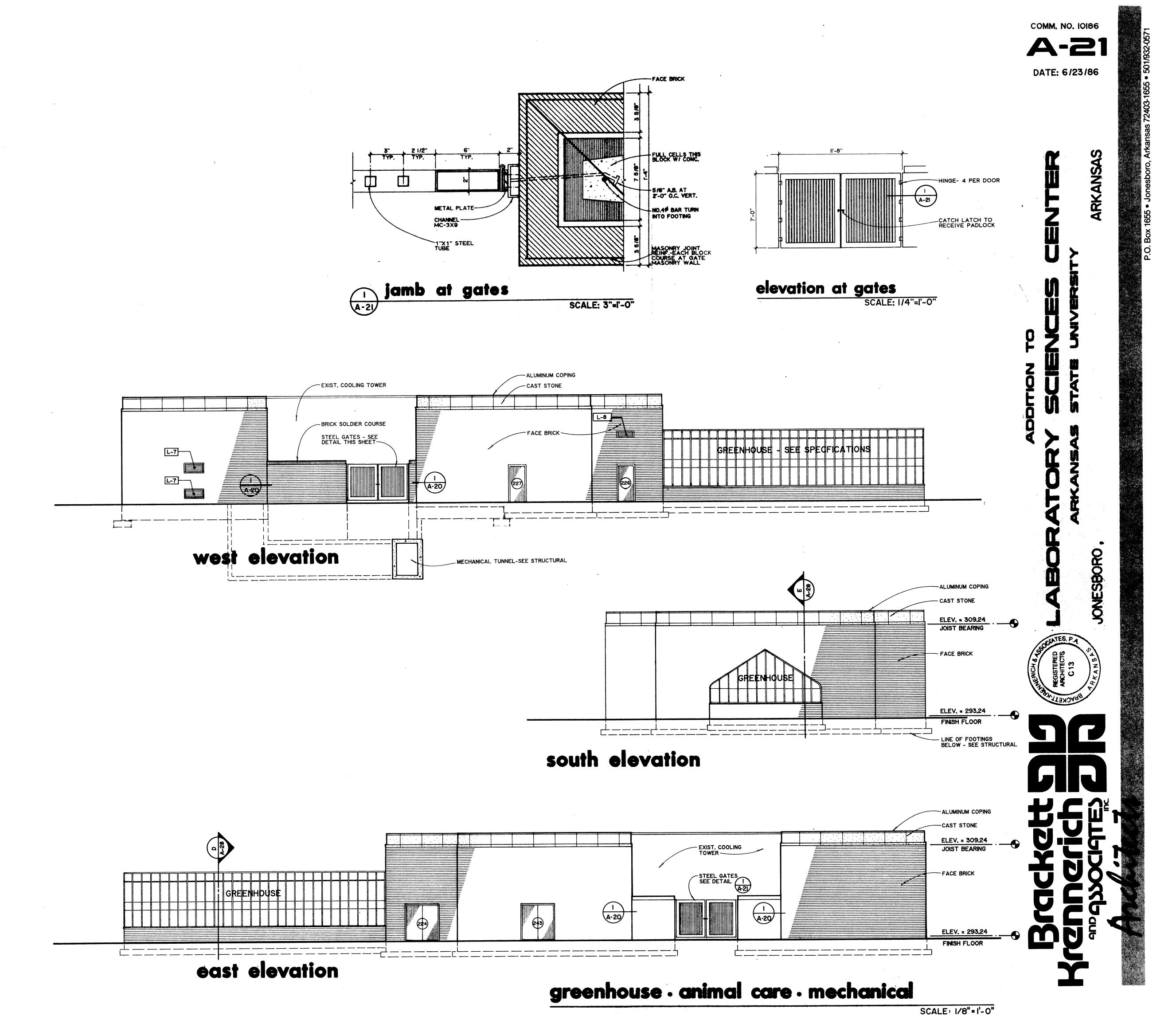
east elevation

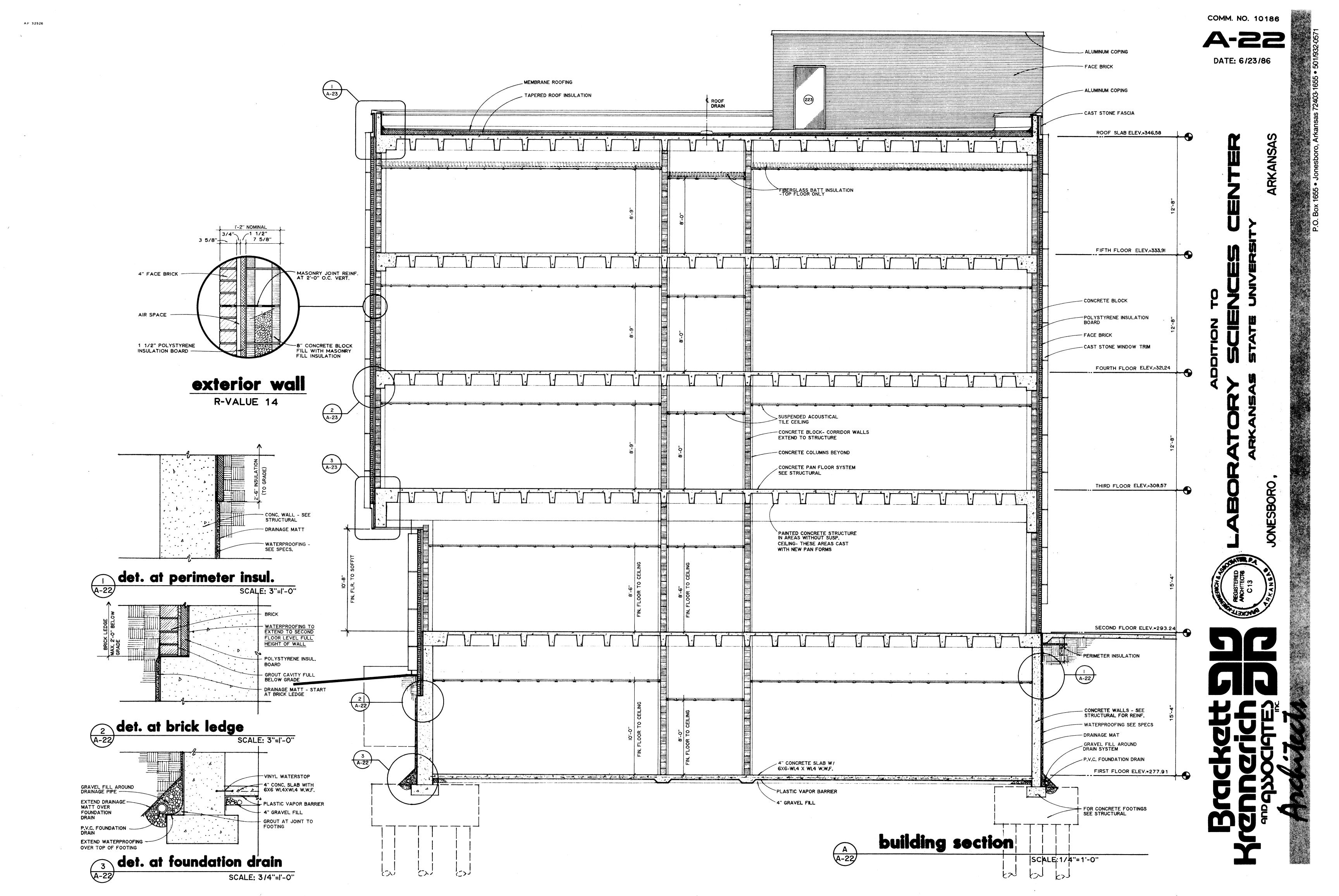
SCALE: 1/8"=1'-0"

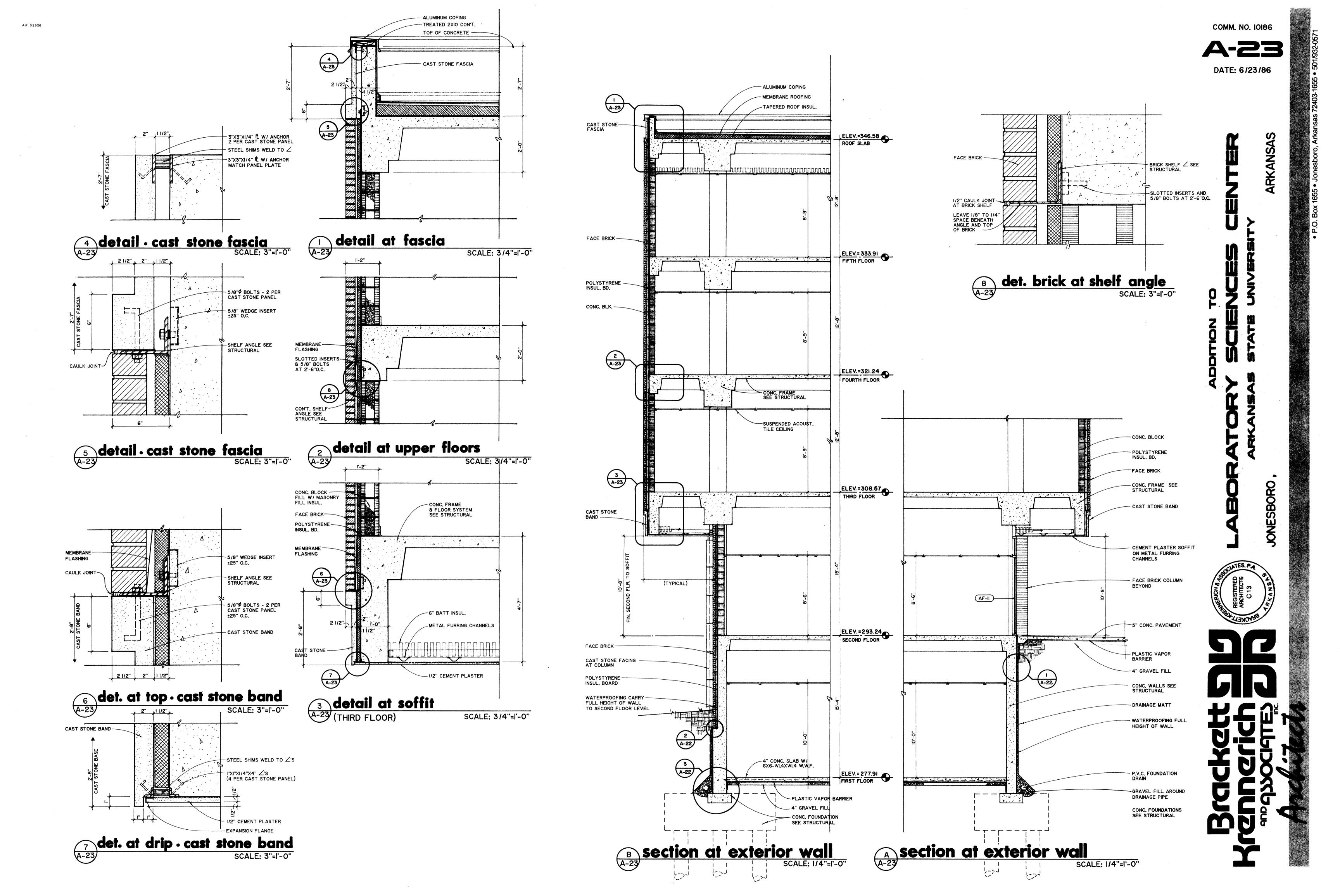
ABORATORY SCIENCES CENTE

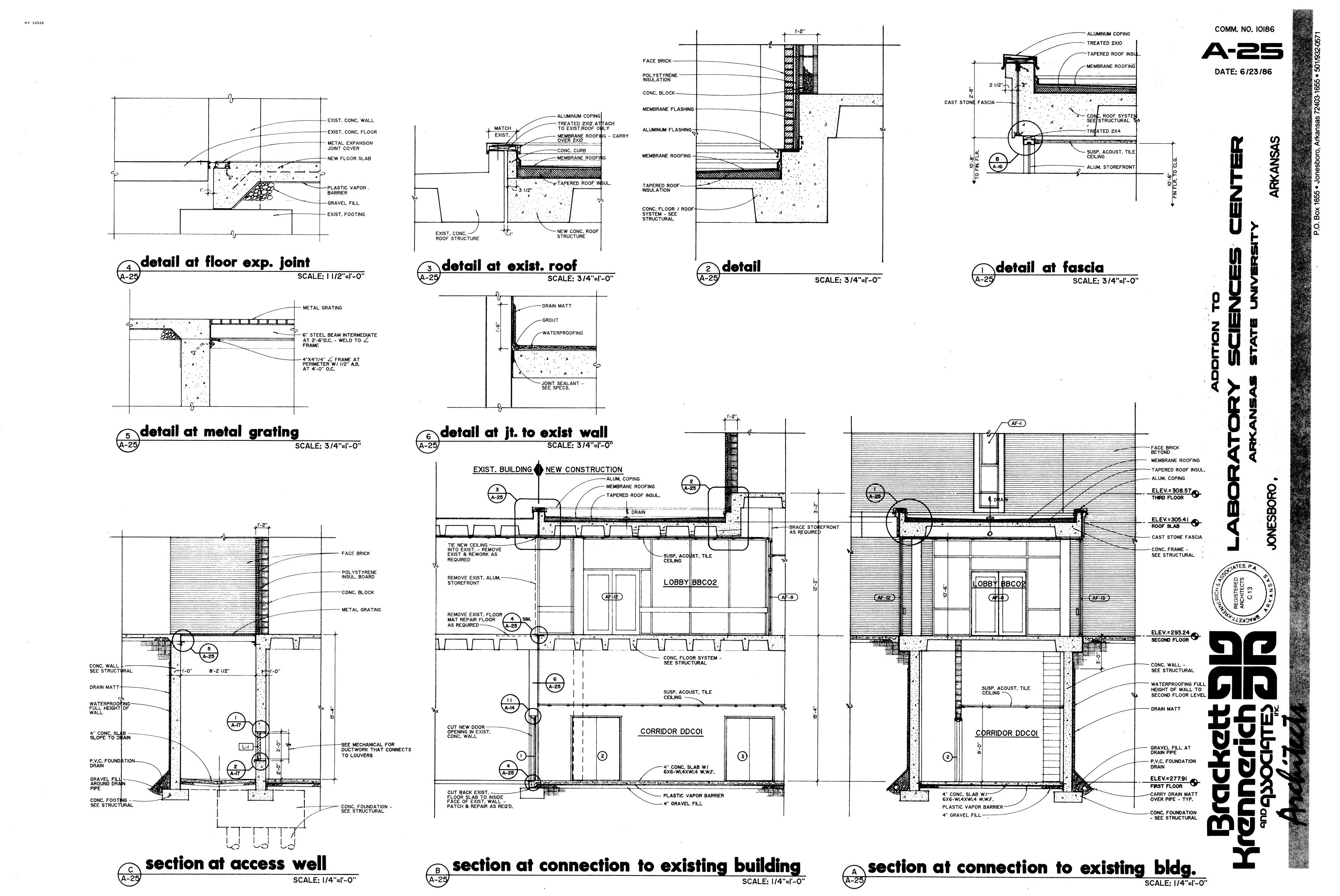
REGISTERED CH & ASSOCIATE CTS C 13

THACKET DE CONTRACTIONS OF THE CONTRACTION OF THE C









- 2X6 ALUM, RAILING

FILL CELLS W/ CONC.

- NO.40 BARS AT

-8" CONC. BLOCK

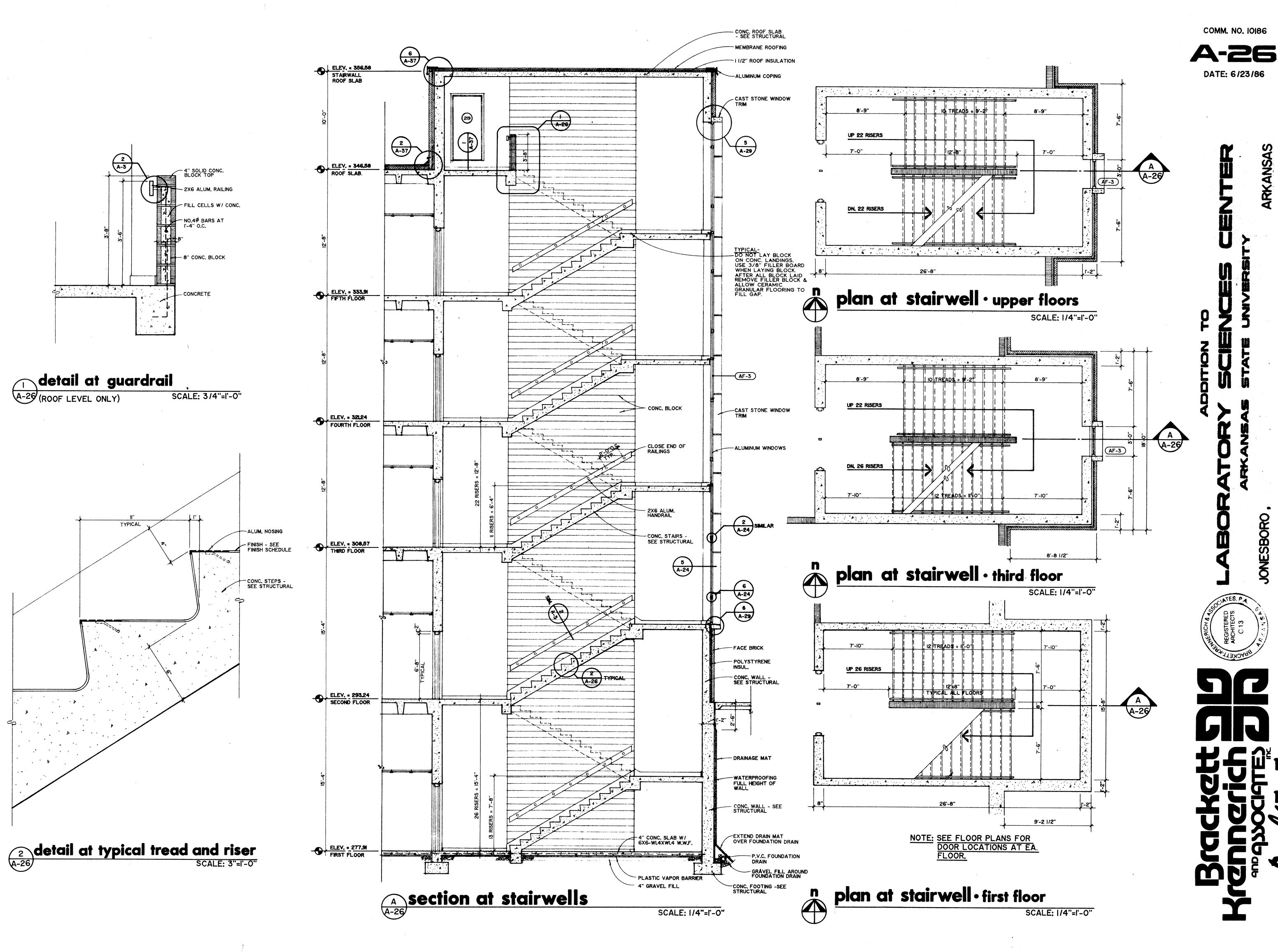
SCALE: 3/4"=1'-0"

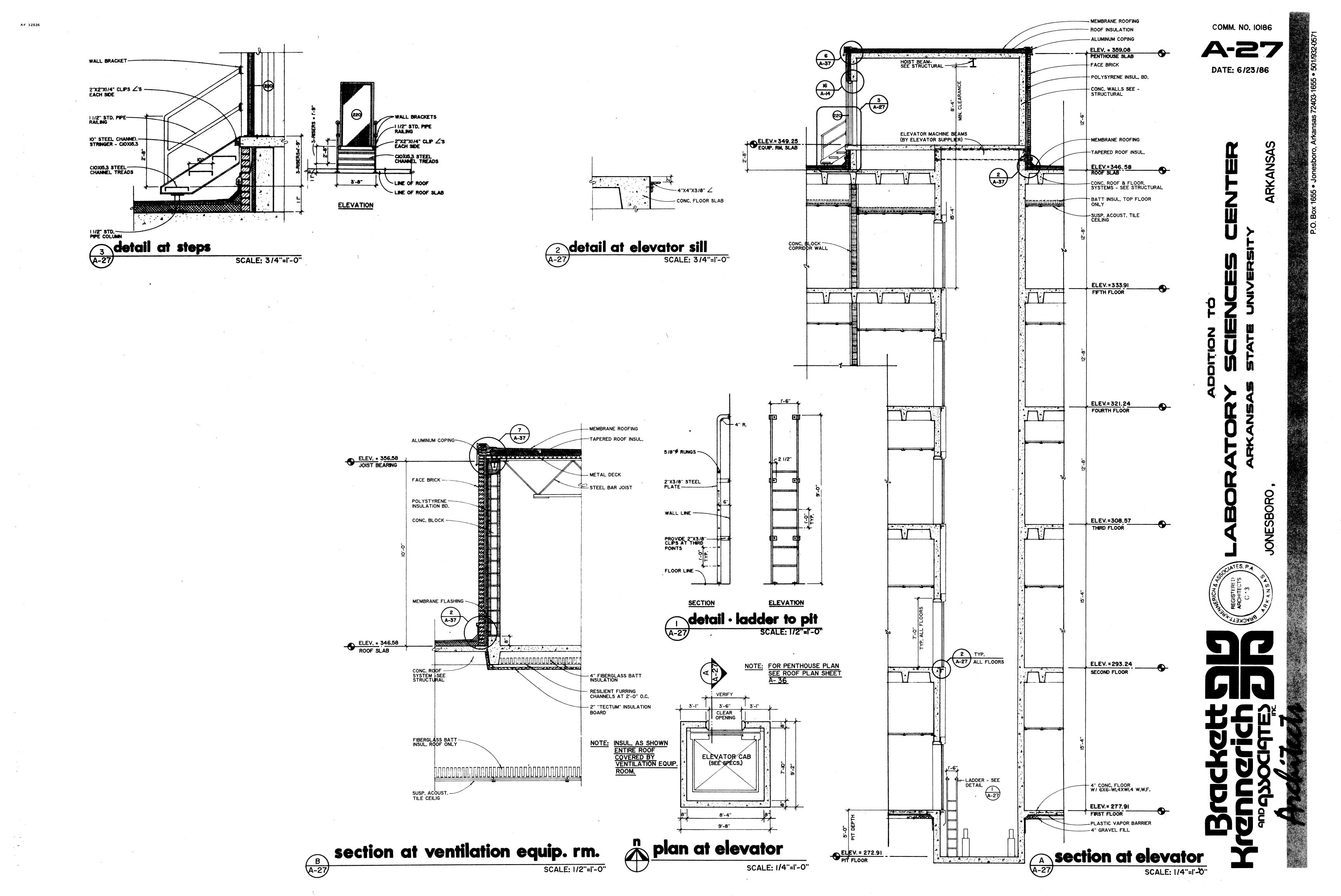
\_ CONCRETE

detail at guardrail

TYPICAL

A-26 (ROOF LEVEL ONLY)





**A-28** 

DATE: 6/23/86

-6" THICK CONC. FLR. SLAB

-PLASTIC VAPOR BARRIER

- 8" THICK CONC. TUNNEL WATERPROOF EXTERIOR

PROVIDE 2"x3/8" CLIPS AT THIRD POINTS

JONESBORO

COMPACTED CLAY GRAVEL FILL 2'-0" WIDE

STEEL LADDER ANCHOR AT
4'-0"O.C. WITH 3/8"X8" LAG
BOLTS INTO EXPANDABLE CONC.
INSERTS LINE OF GRADE BEAM BEYOND

F wall section SCALE: 3/8"=1'-0"

0

NEW SERVICE TUNNEL

SLOPE FLOOR

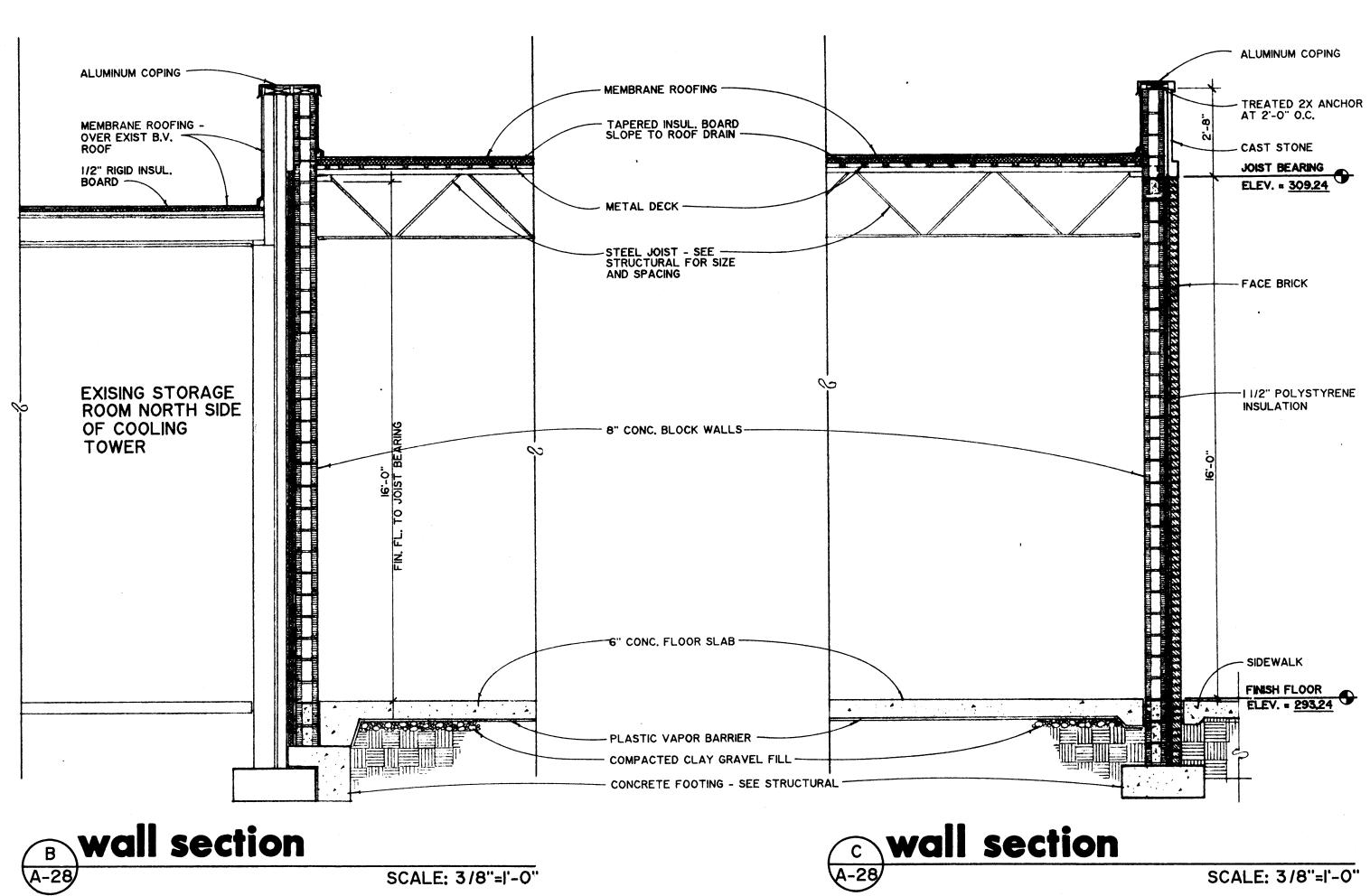
MASONRY WALL OF EQUIPMENT BUILDING

WATERPROOF ENTIRE PERIMETER OF TUNNEL

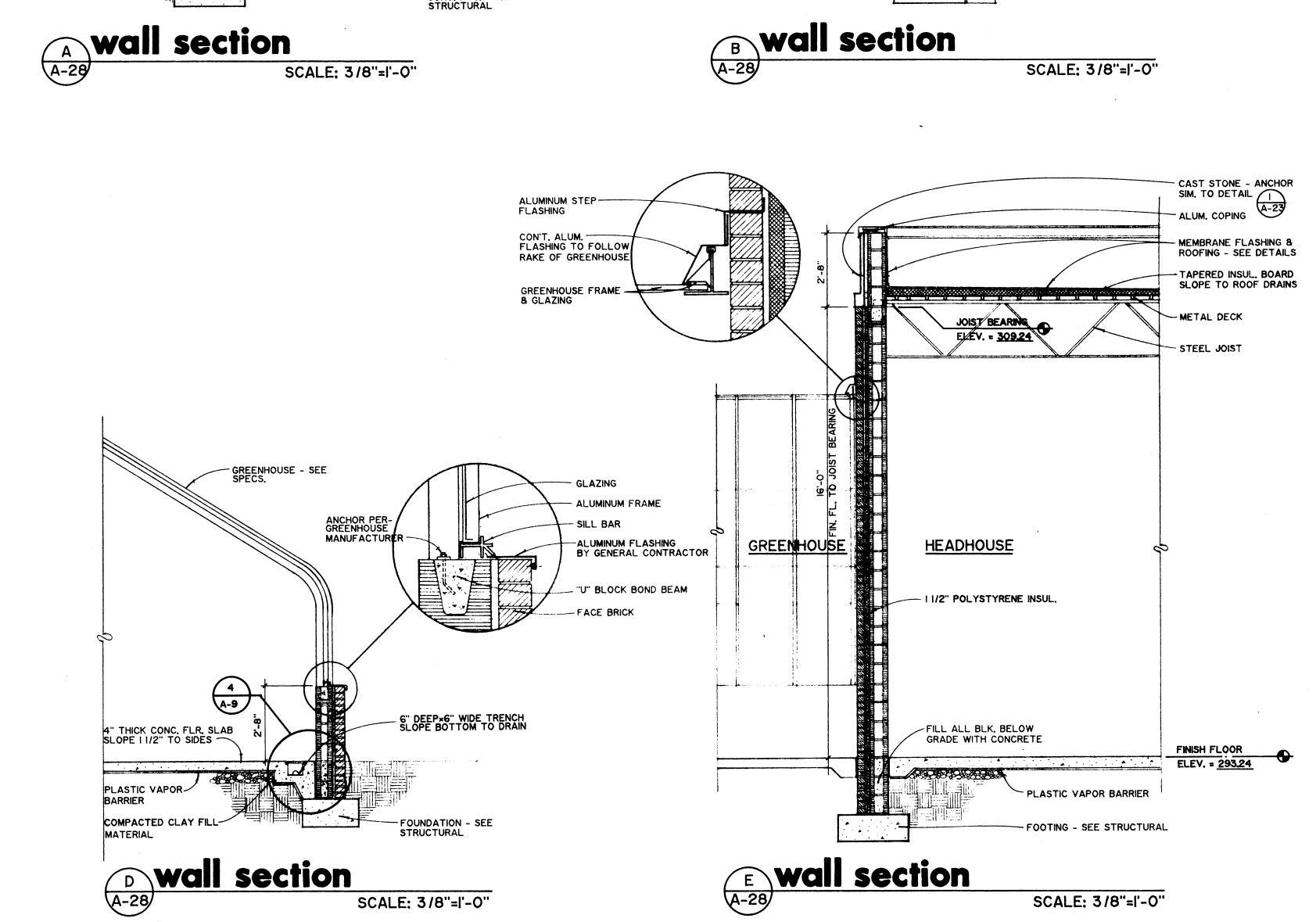
SCALE: 3/8"=1'-0"

5/8" PRUNGS -

2×3/8" STEEL PLATE



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



MEMBRANE ROOFING

-STEEL JOIST - SEE STRUCTURAL

"U' BLOCK BOND BEAM -WITH 6"X6"XI/4" ANCHOR PLATES AT JOIST BEARING

- 6" FIBERGLASS INSUL.

- SUSPENDED ACOUST. CEILING

-4" THICK CONC. SLAB

PLASTIC VAPOR BARRIER

- COMPACTED CLAY GRAVEL FILL

-- CONC. FTG. - SEE STRUCTURAL

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

THE PROPERTY OF THE PARTY OF TH

-METAL DECK

TAPERED INSUL. BOARD SLOPE TO ROOF DRAIN

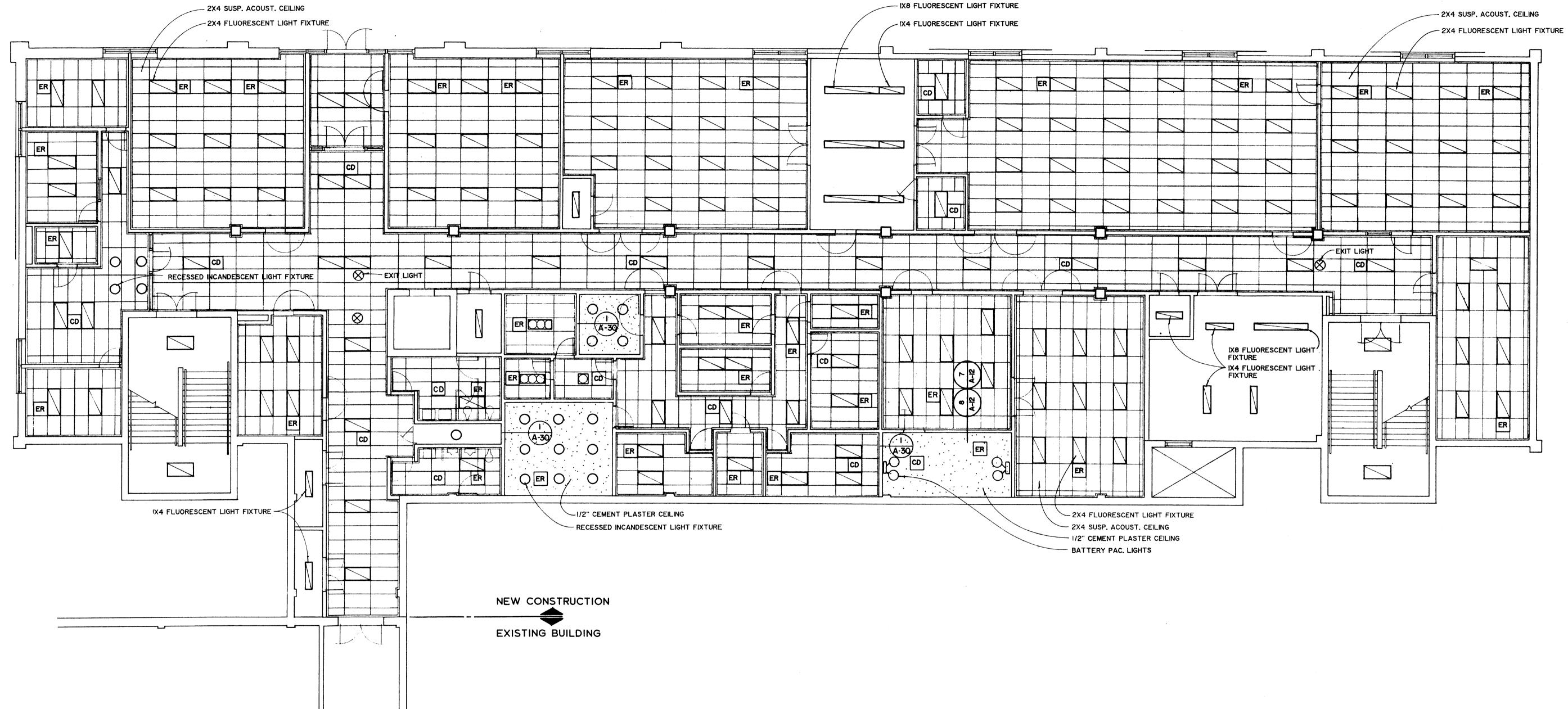
AF 32526

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DATE: 6/23/86

cast stone schedule





n first floor plan · laboratory science building reflected ceiling

SUSPENDED METAL GRID SYSTEM-SEE SPECS.

WRAP & CONNECT METAL LATH AT ALL
CORNERS AND SEAMS, CONNECT TO GROUND SYSTEM
8 HOLLOW METAL FRAME.

11/2" CEMENT PLASTER OVER METAL LATH
CAULK
METAL EDGE TRIM

11/2" CEMENT PLASTER OVER METAL LATH
COPPER SCREEN SHIELDING

det. at joint ceiling to wall

SCALE: 3"=1'-0"



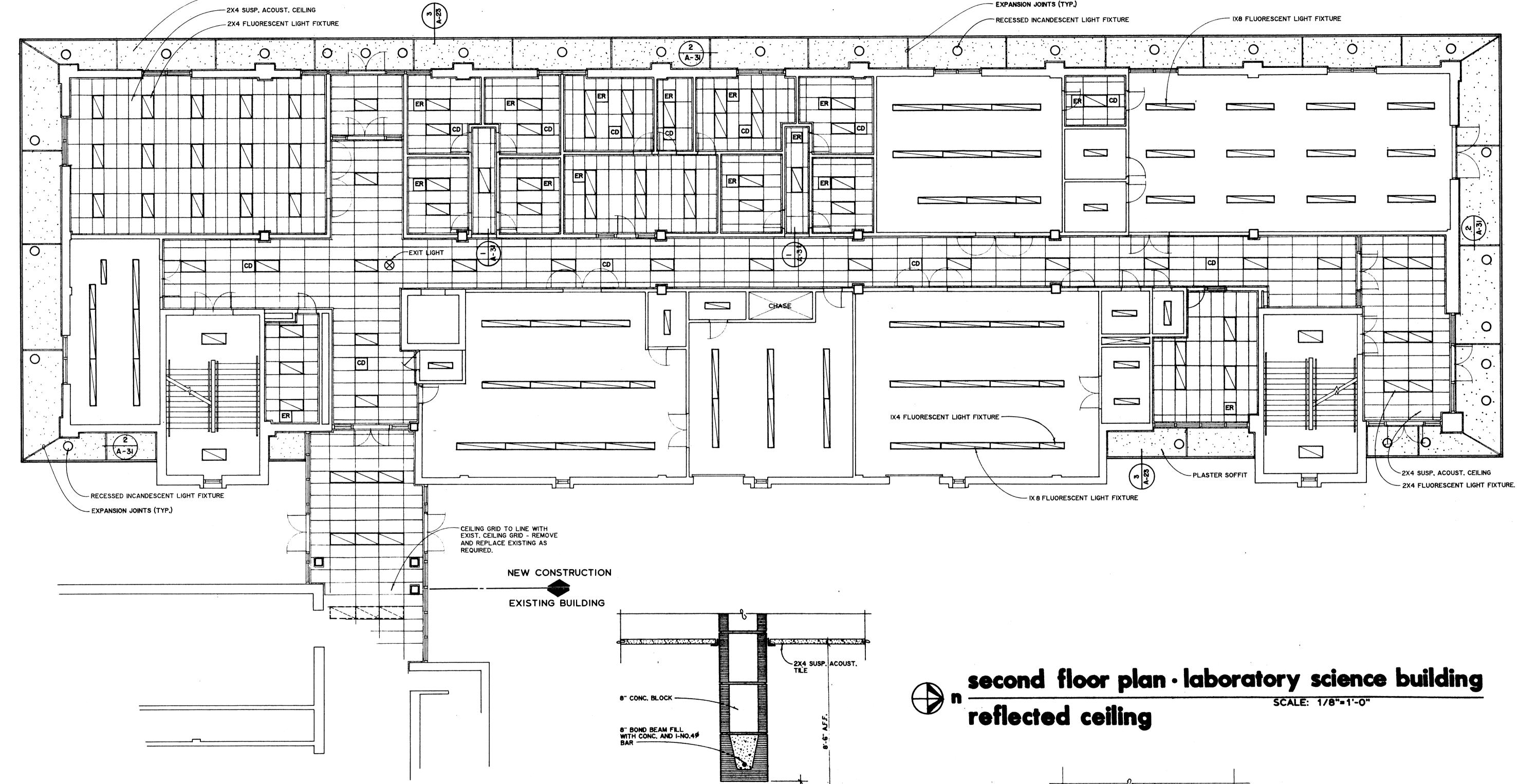


FURRING CHANNELS-TIE TO STRUCTURE

- CAULK

SCALE: 3"=1'-0"

detail at expansion joint

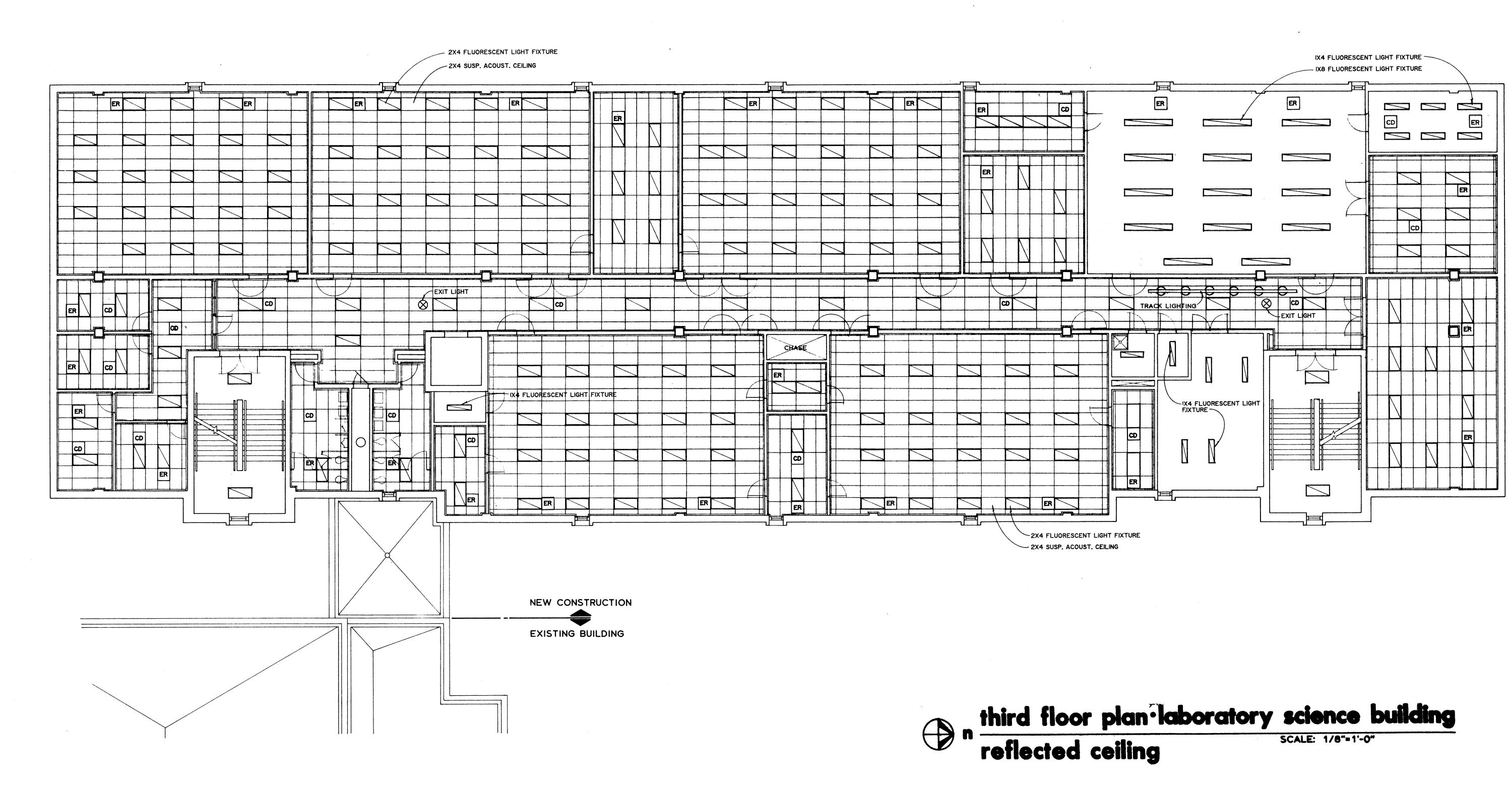


detail at bulkhead

SCALE: 11/2"=1'-0"

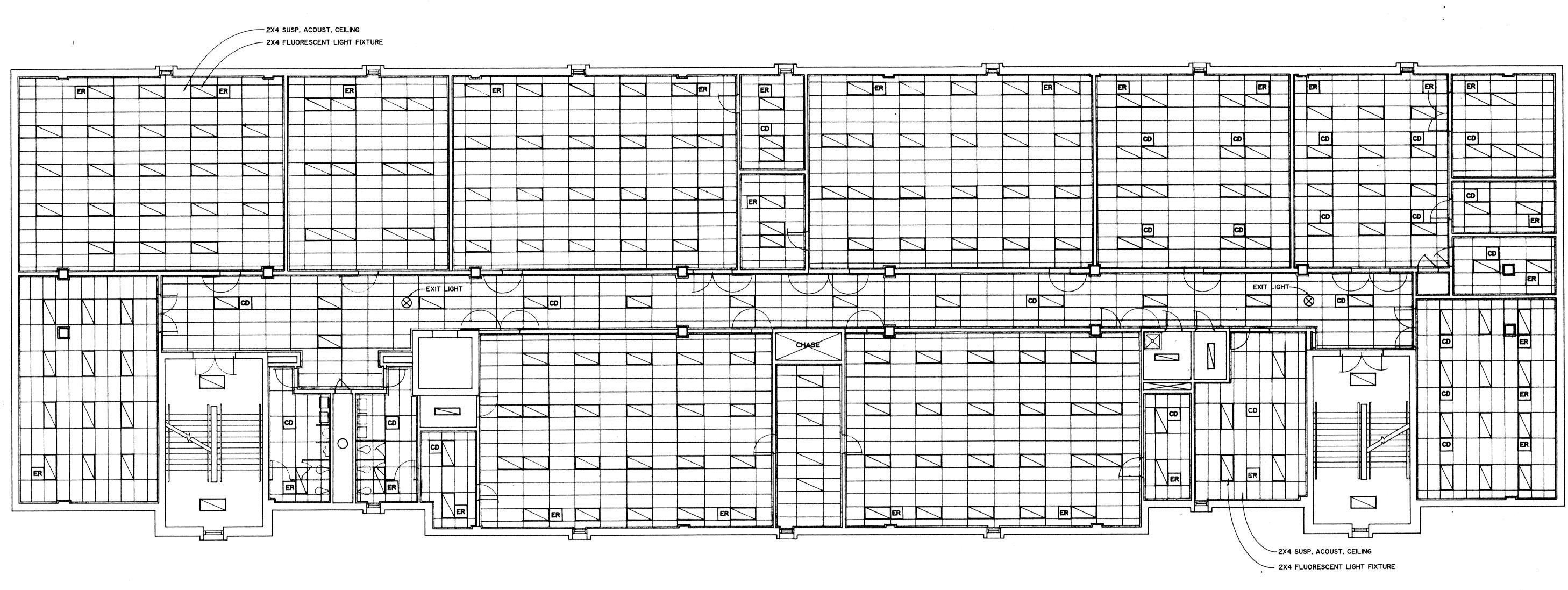
- PLASTER SOFFIT



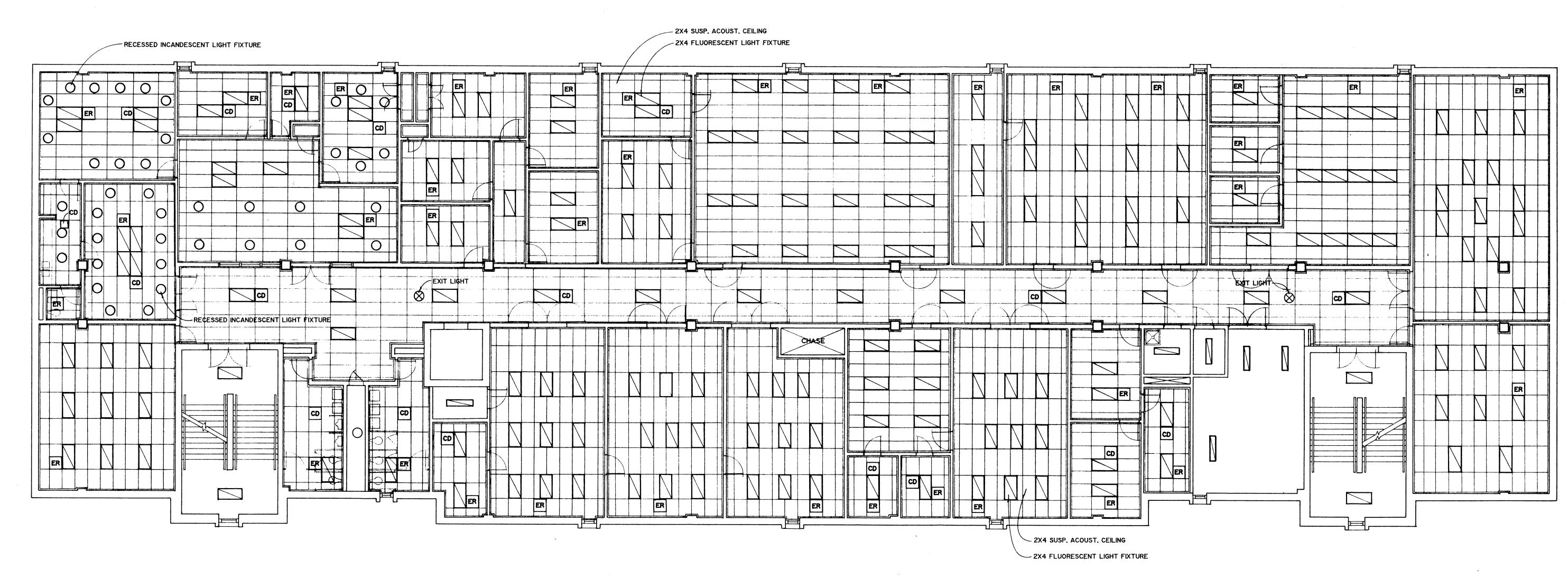


ARKANSAS



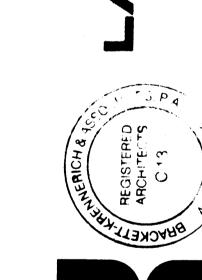


n fourth floor plan-laboratory science building reflected ceiling



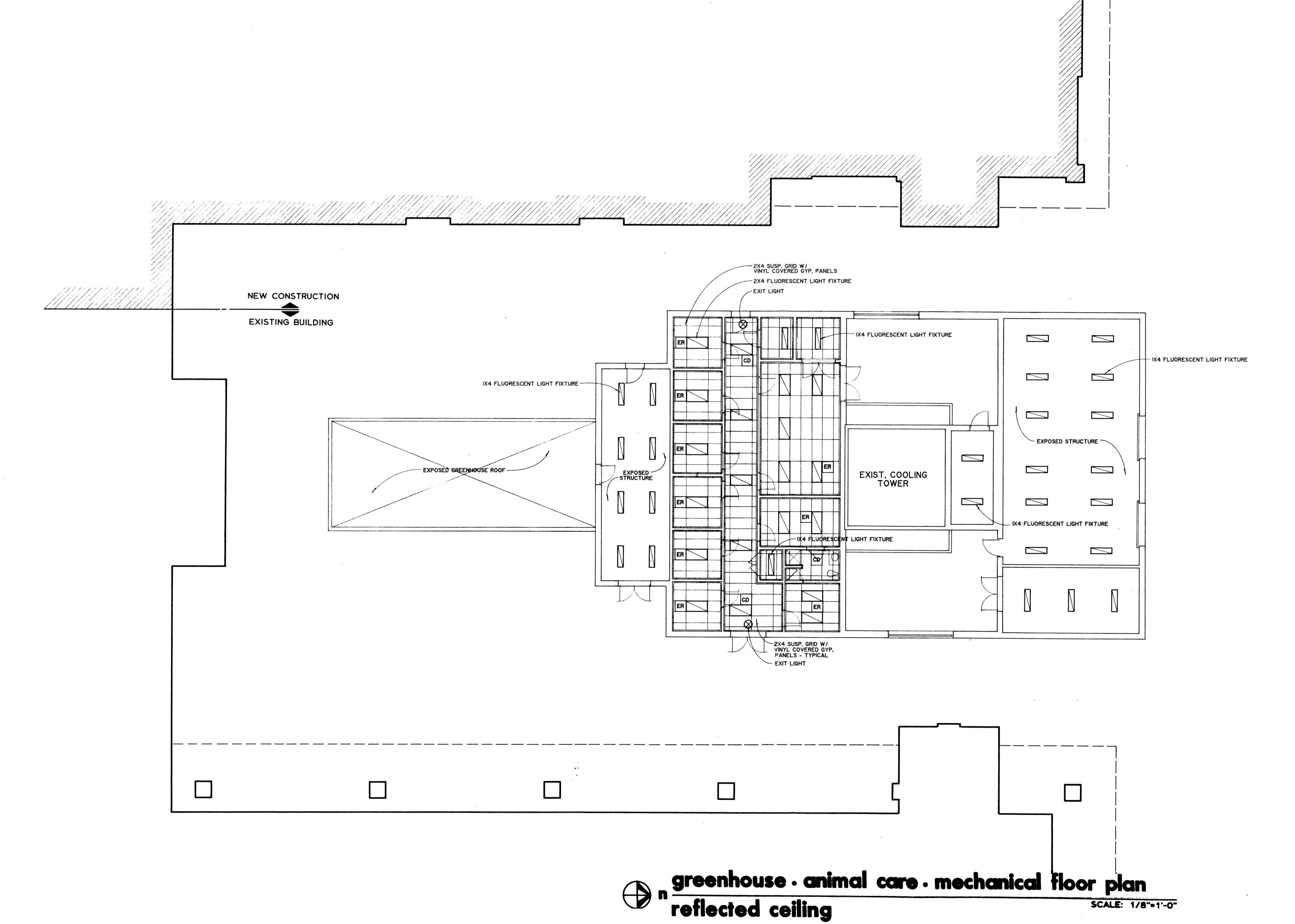
n fifth floor plan-laboratory science building reflected ceiling

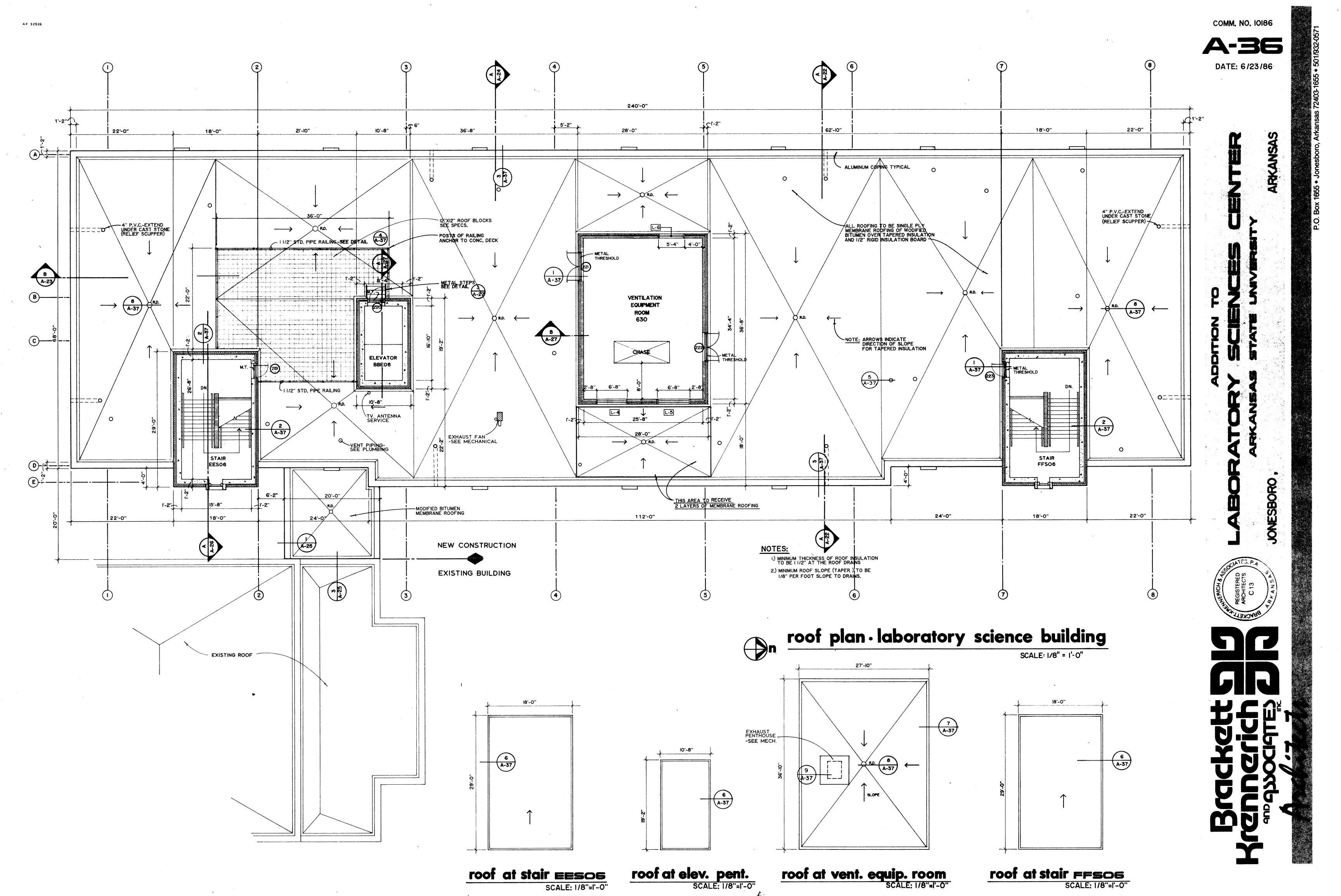


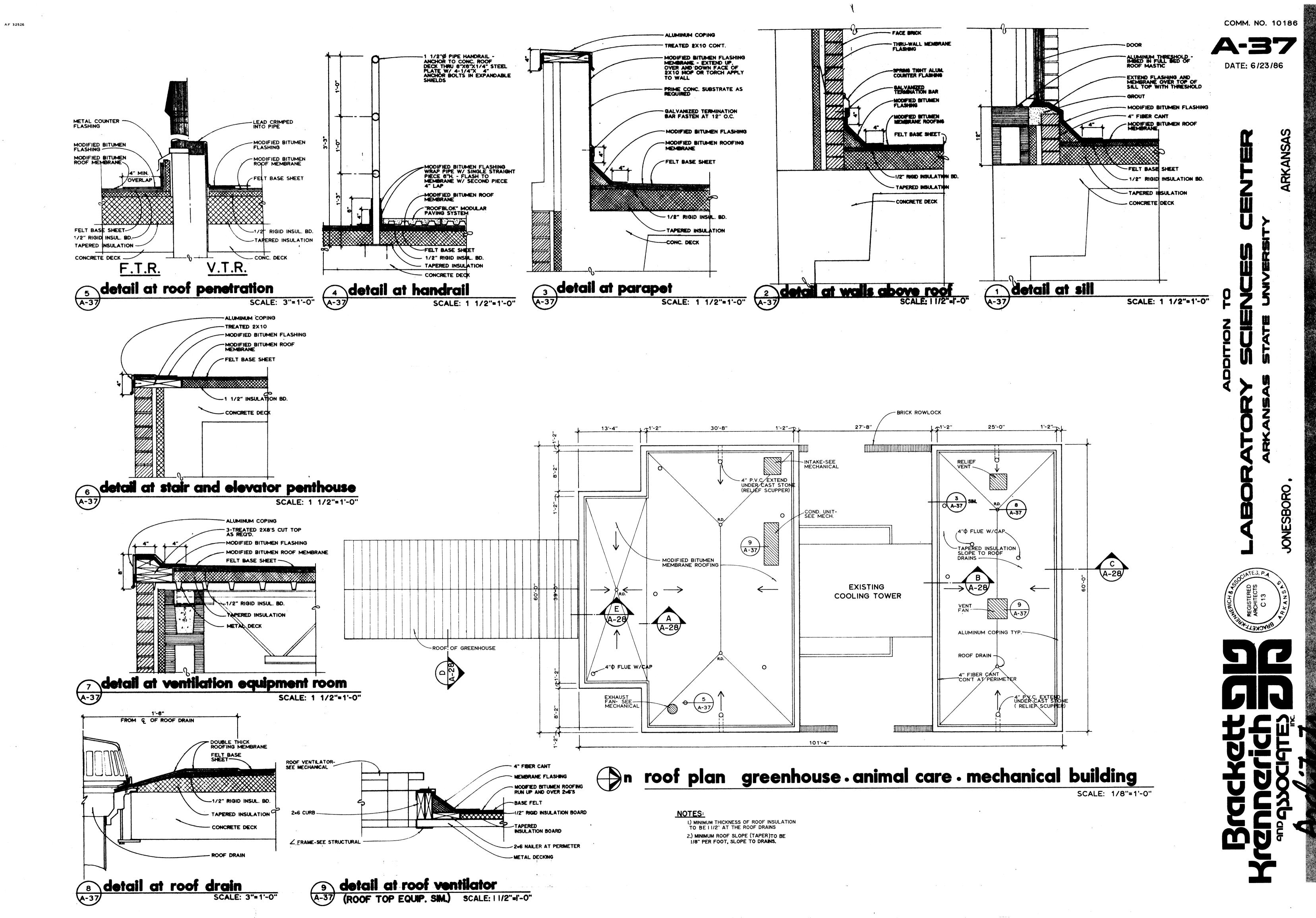


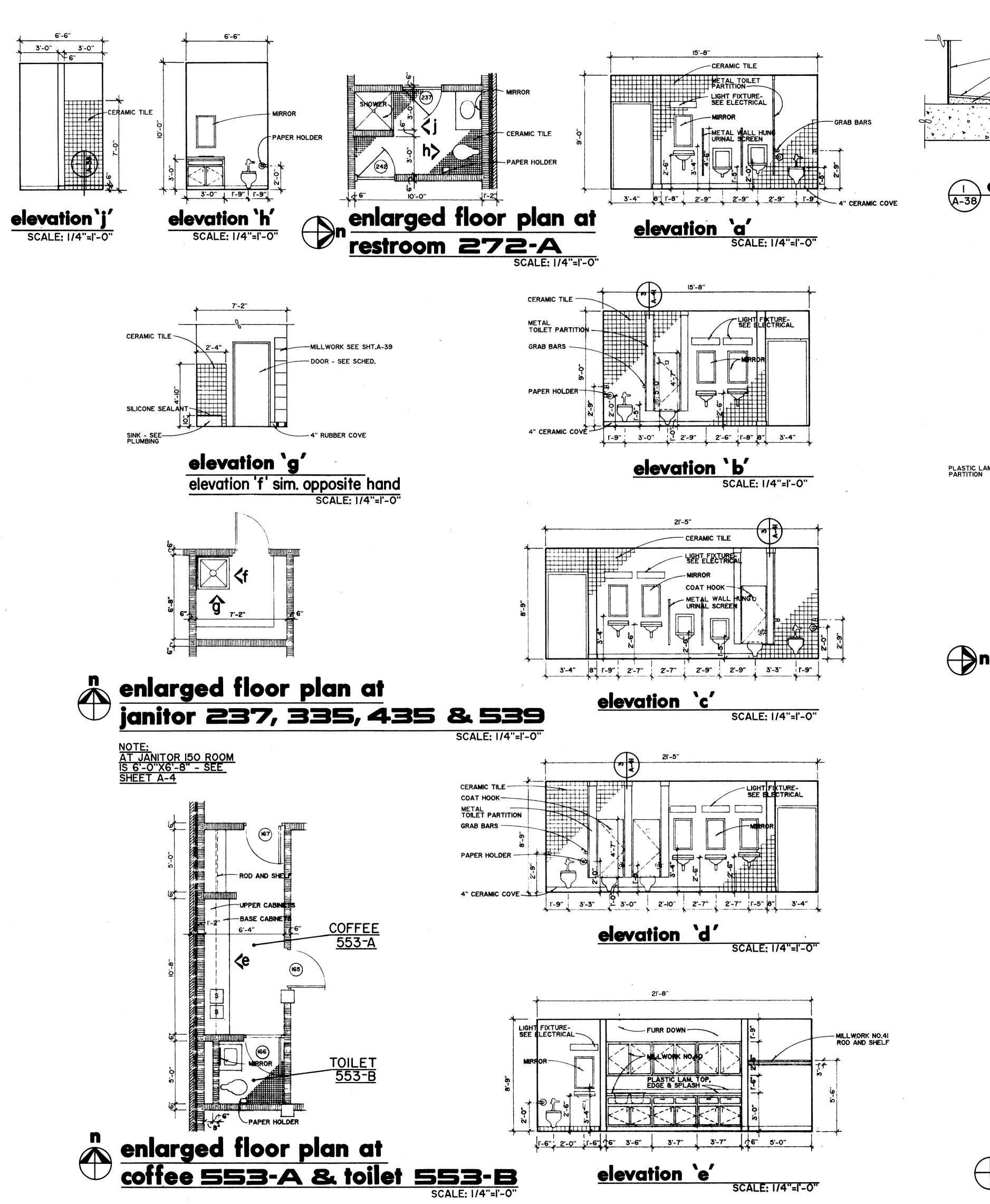


SCALE: 1/8"=1'-0"



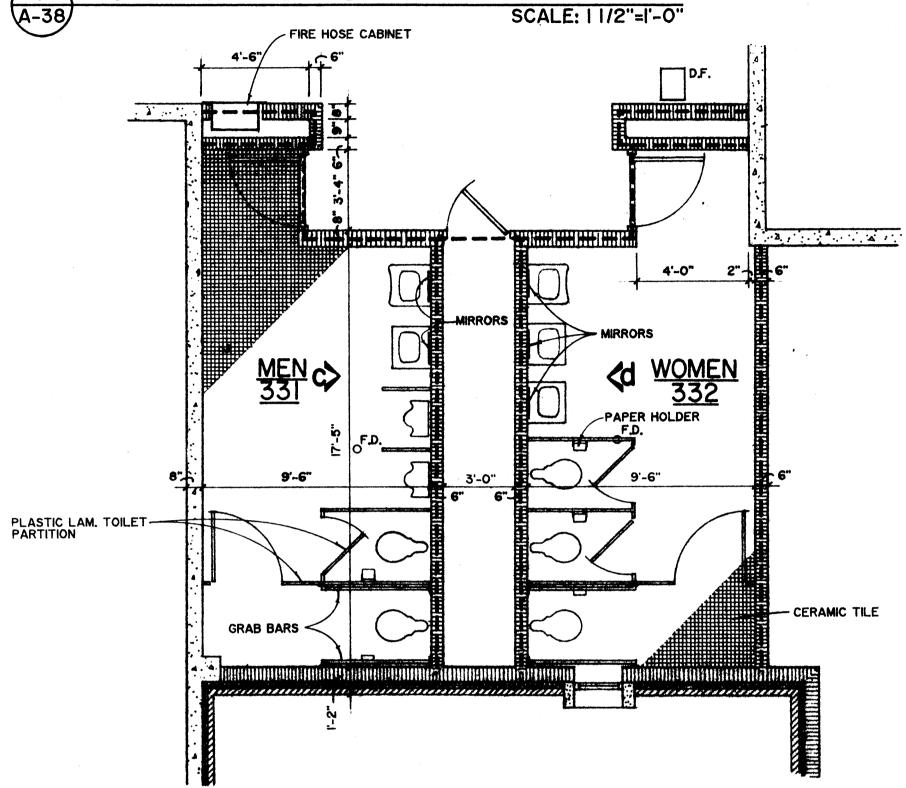




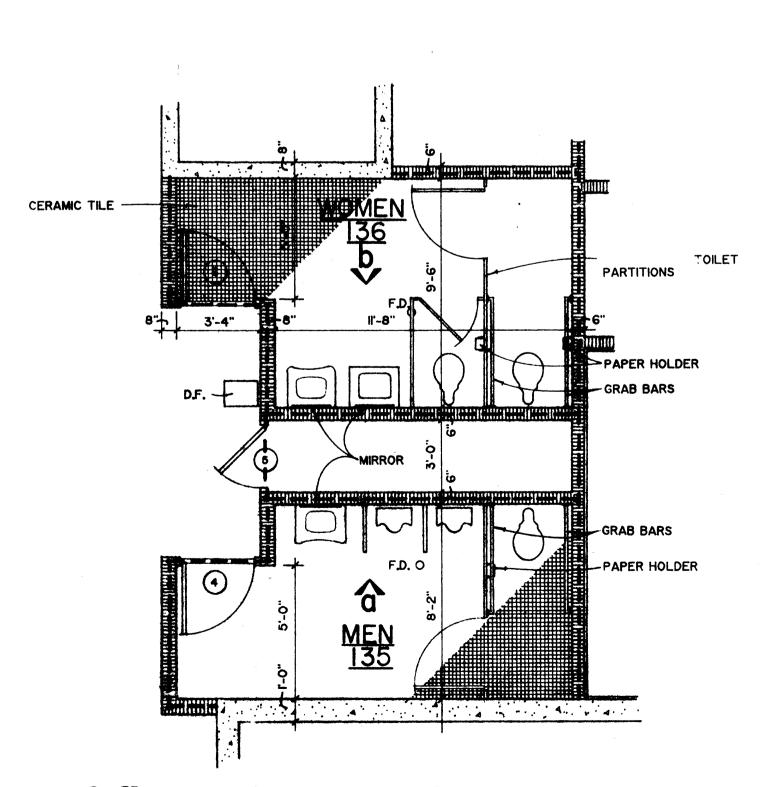


-CERAMIC TILE -CONCRETE CURB GROUT FLOOR TO SLOPE FLOOR DRAIN

detail at shower - FIRE HOSE CABINET



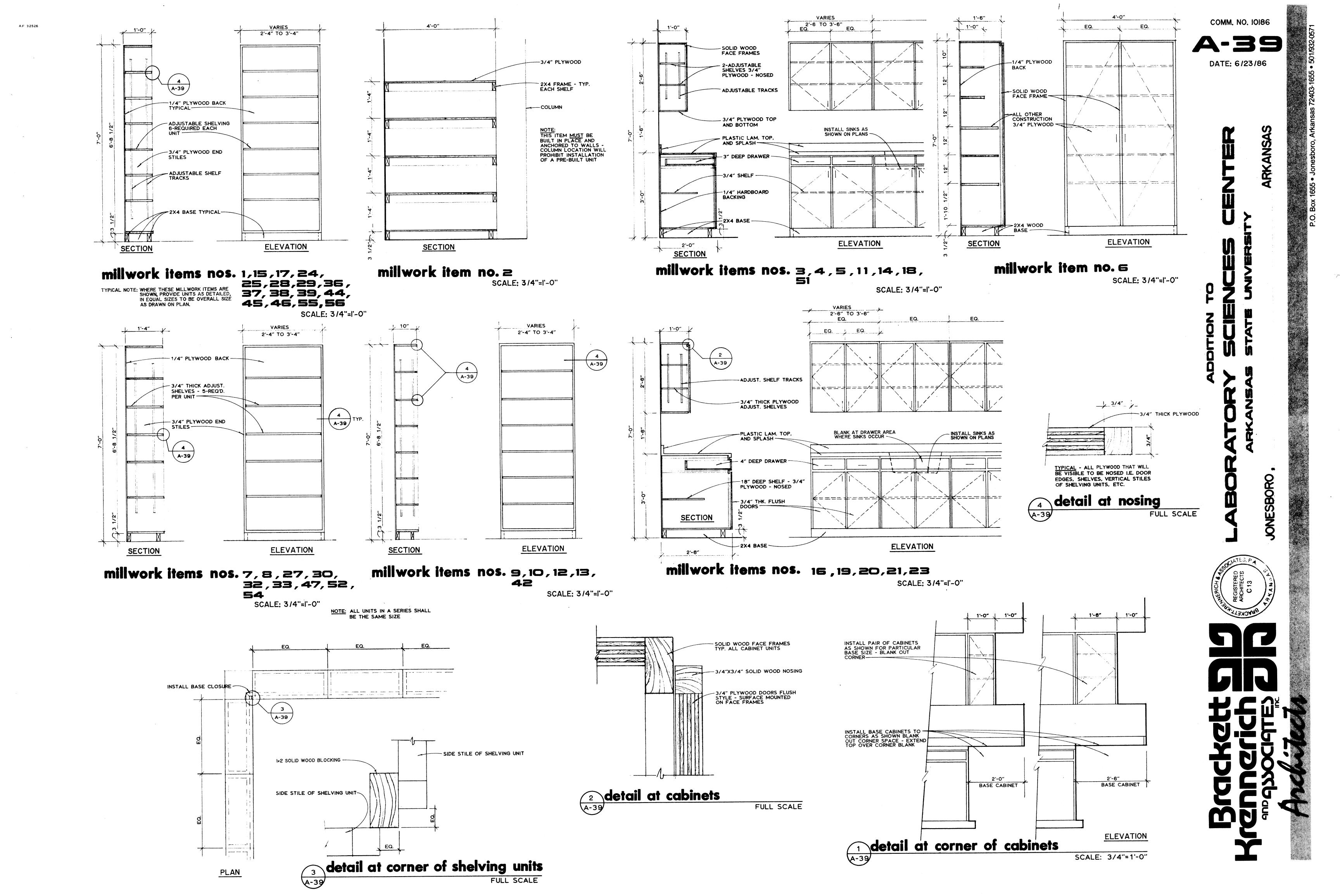
enlarged floor plan at toilet · 331 & 332 (431, 432, 531 & 532 SIM.)

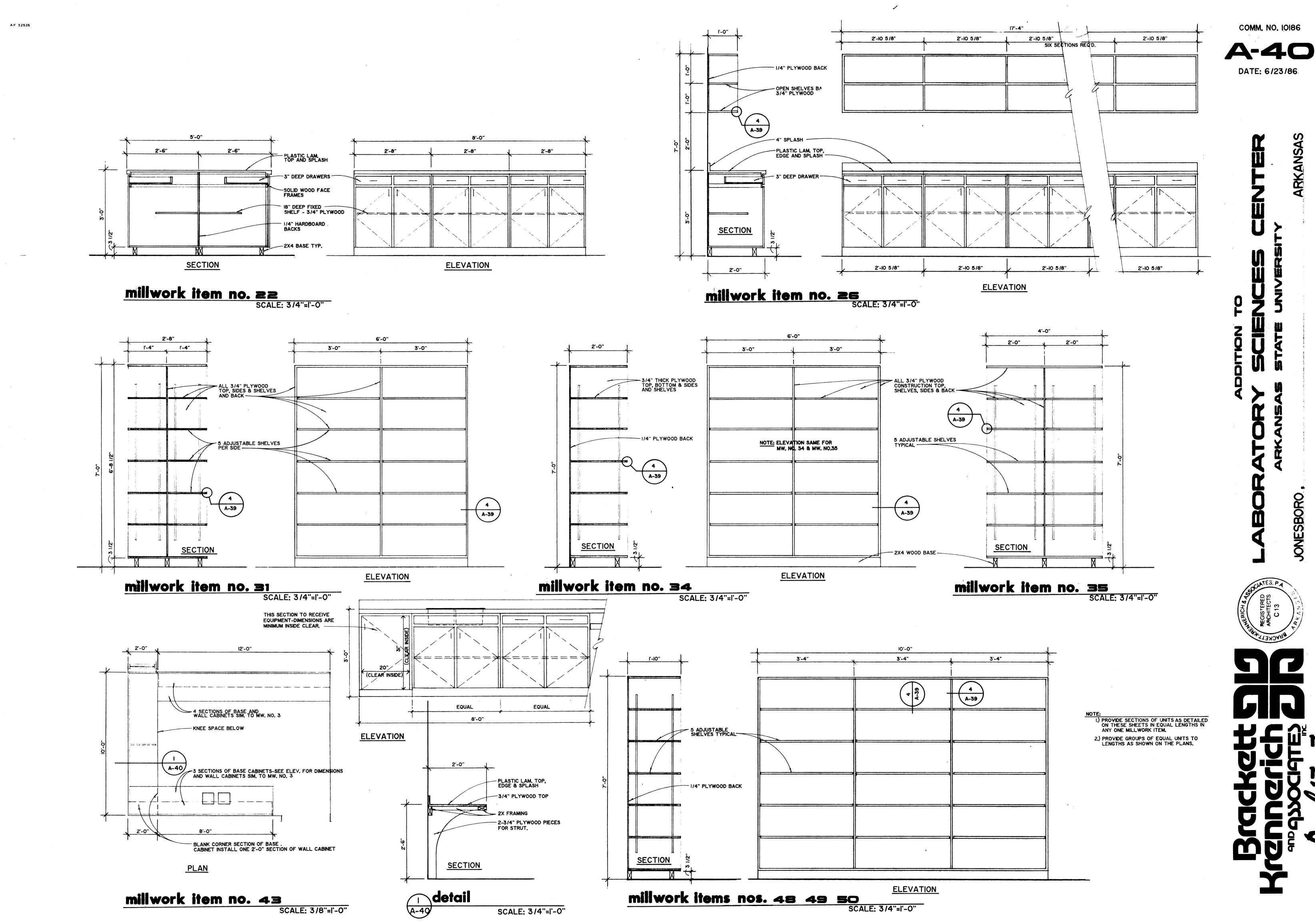


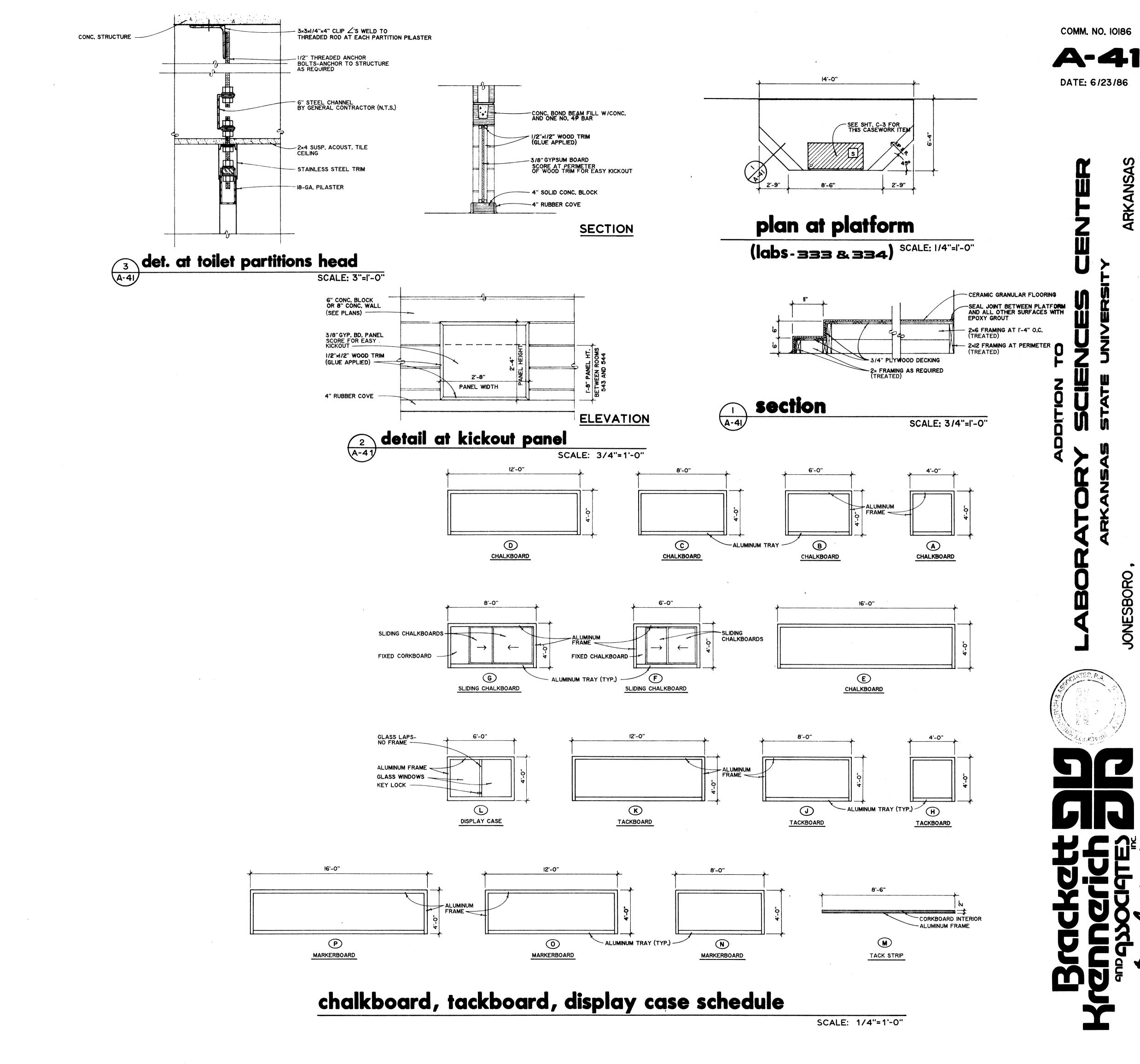
enlarged floor plan at toilet · 135 & 135

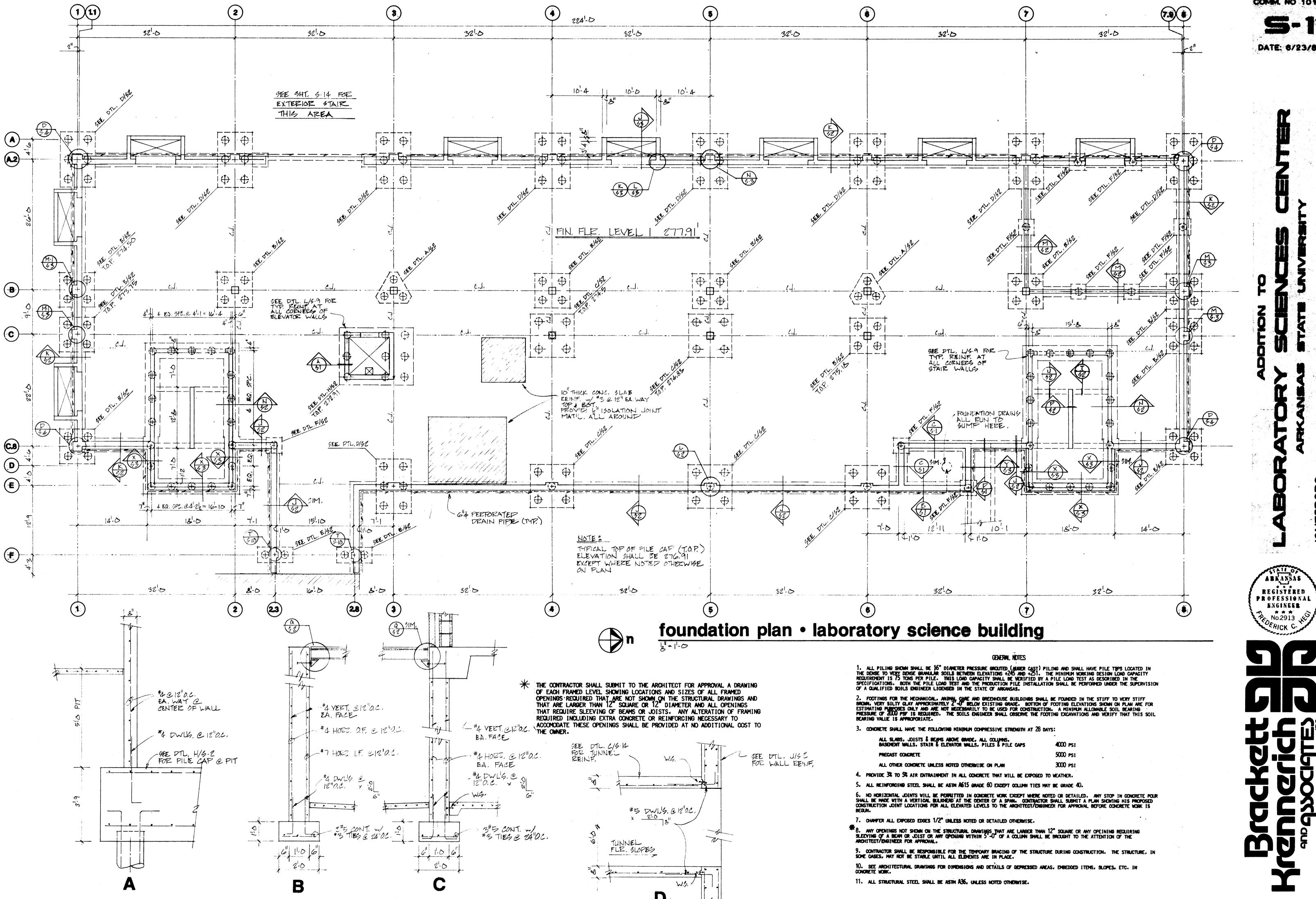
SCALE: 1/4"=1'-0"

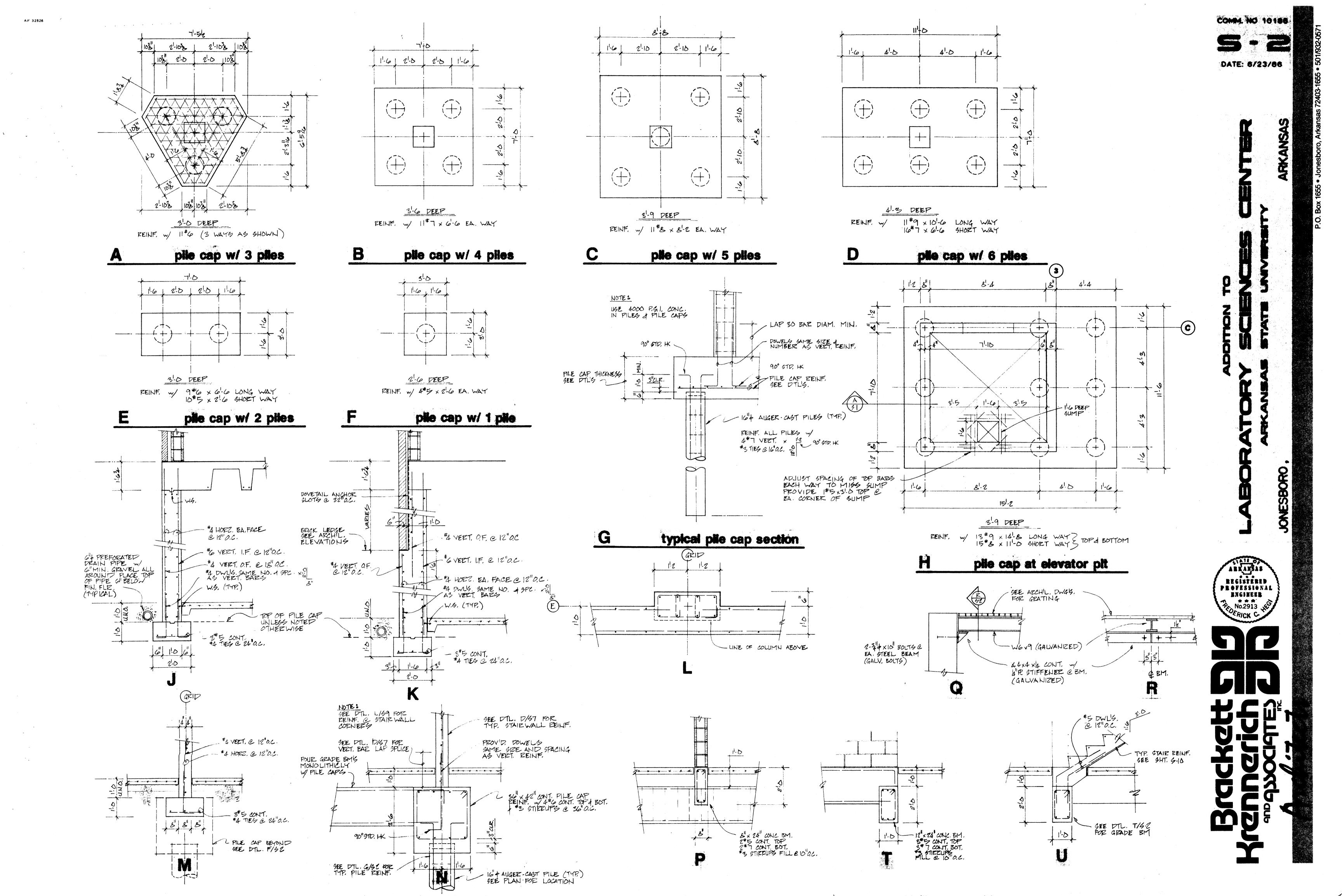
**COMM. NO. 10186** DATE: 6/23/86

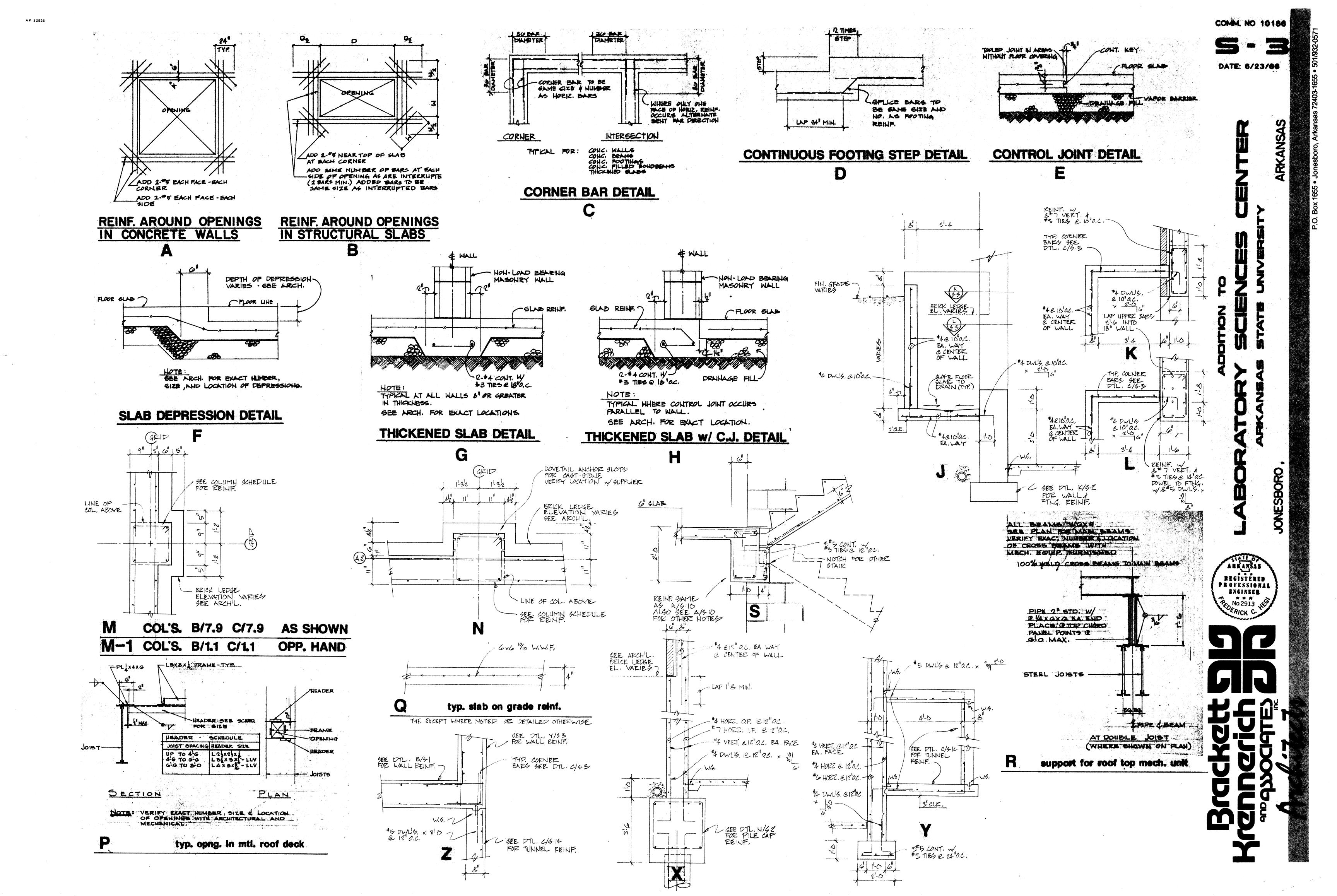


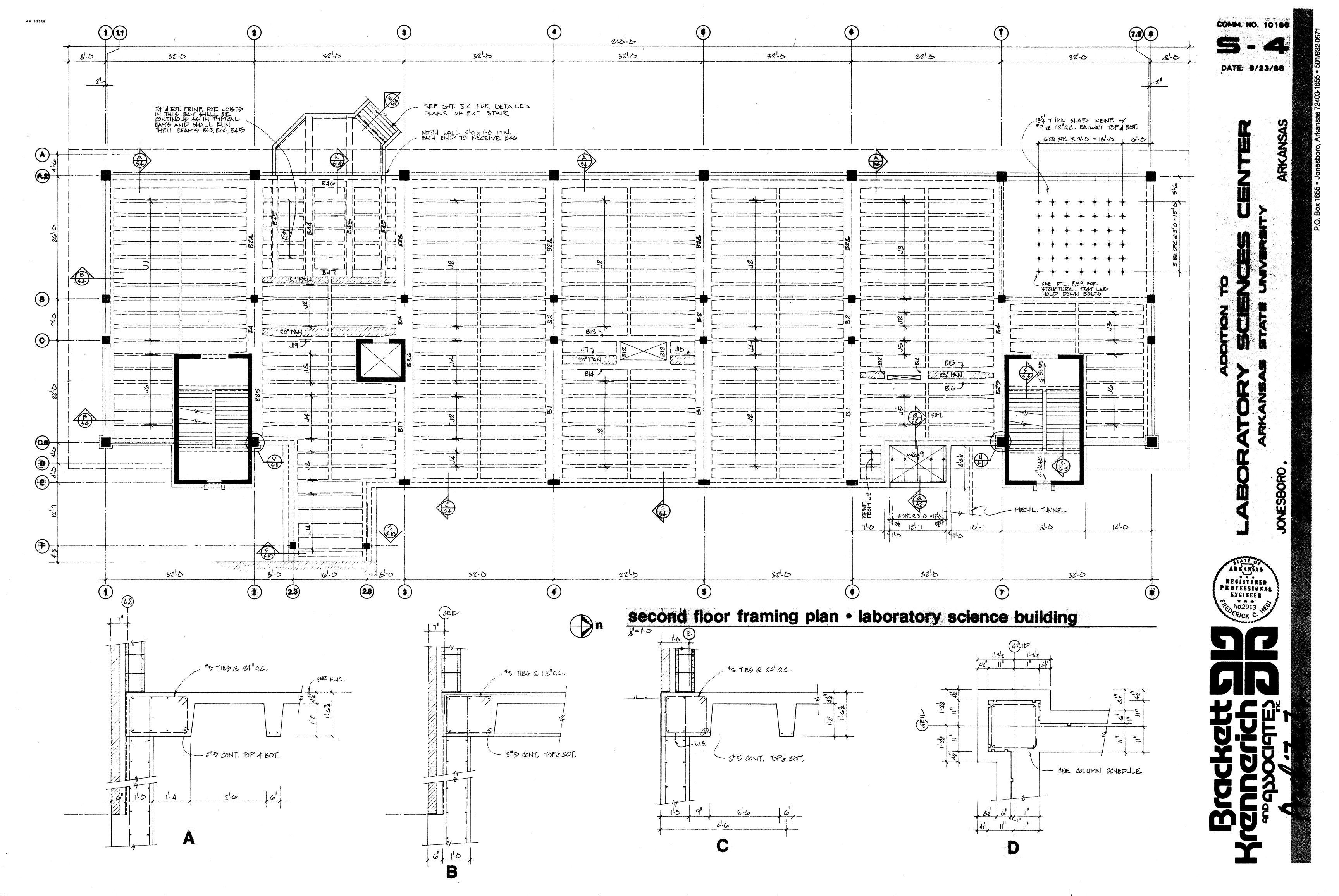


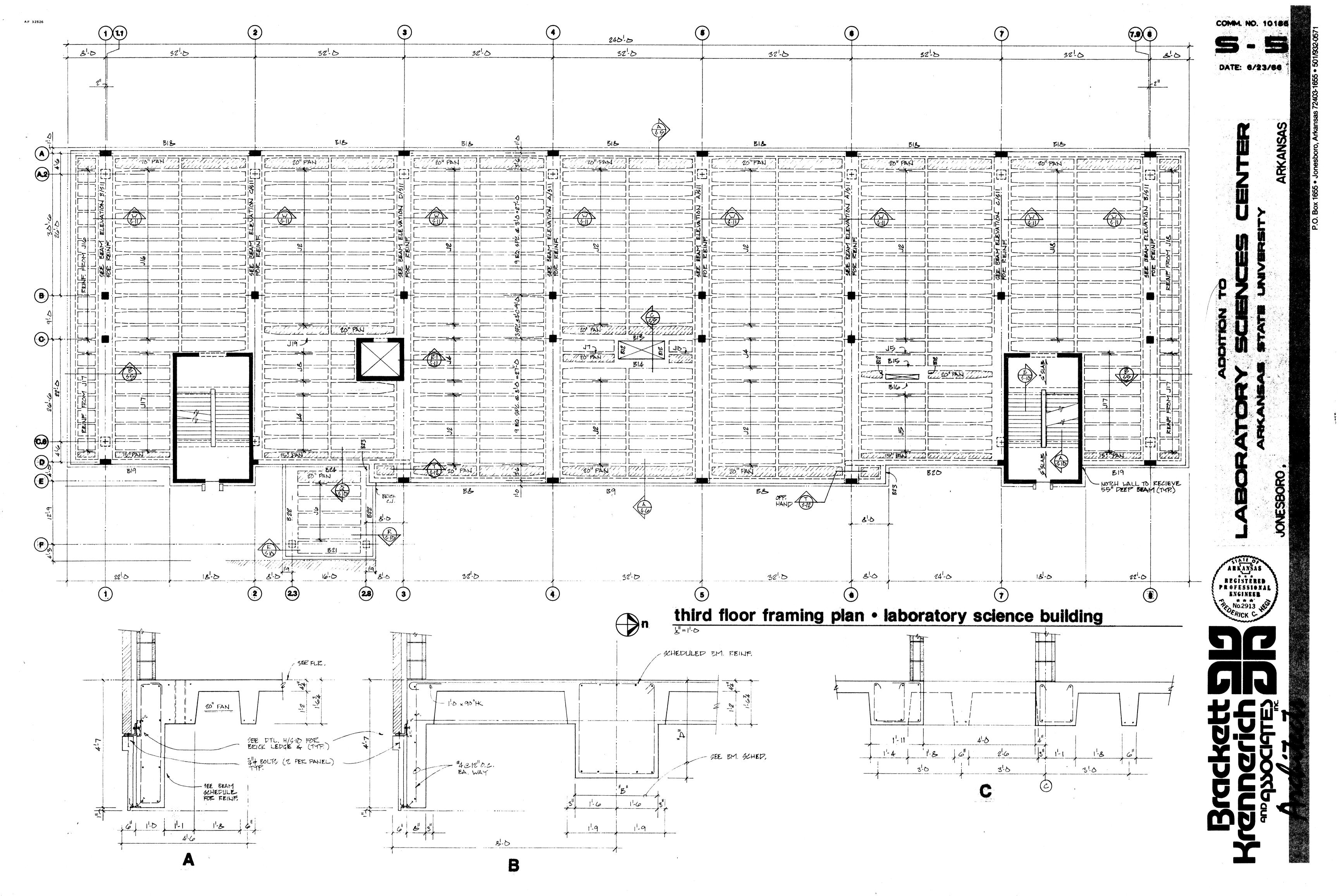


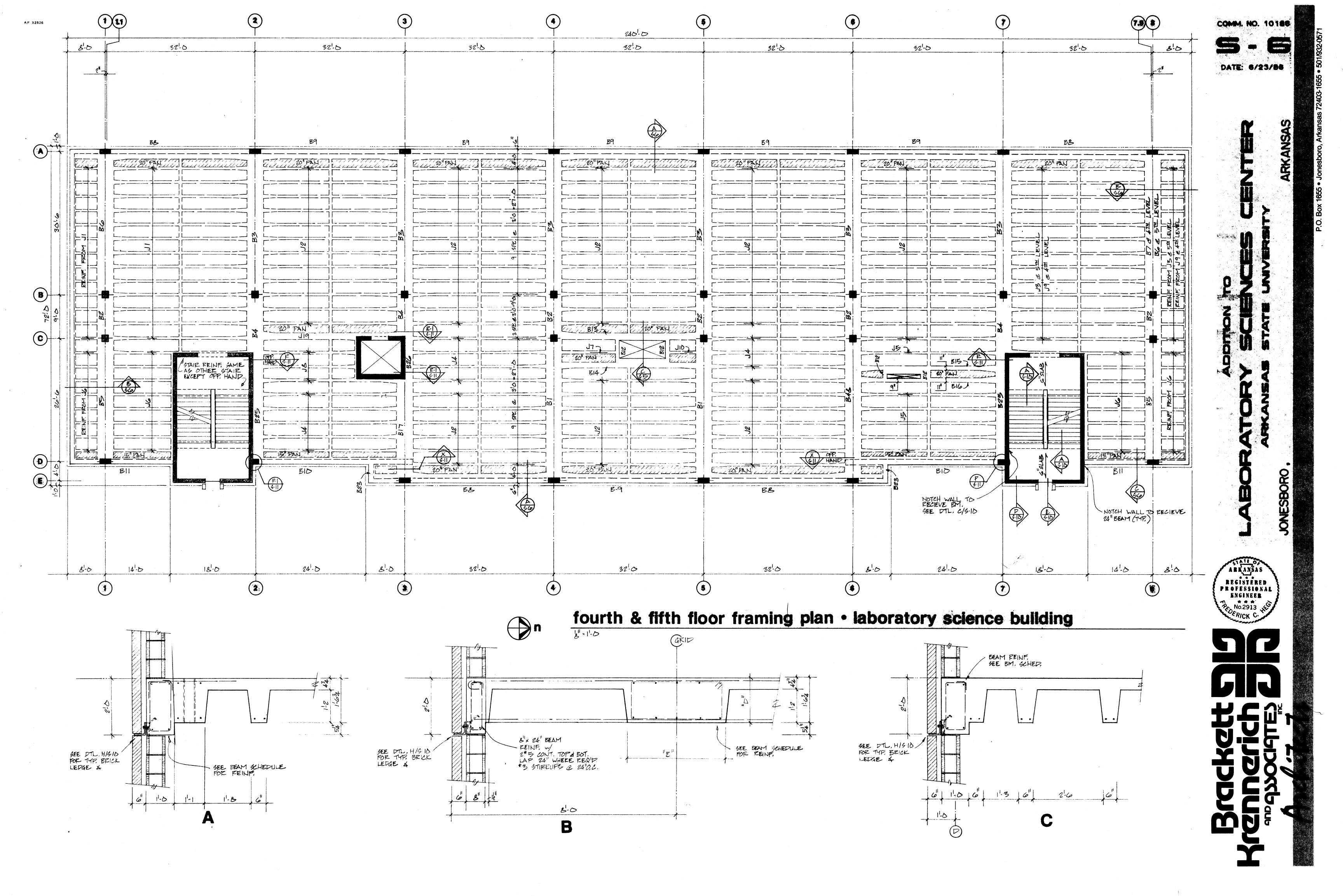


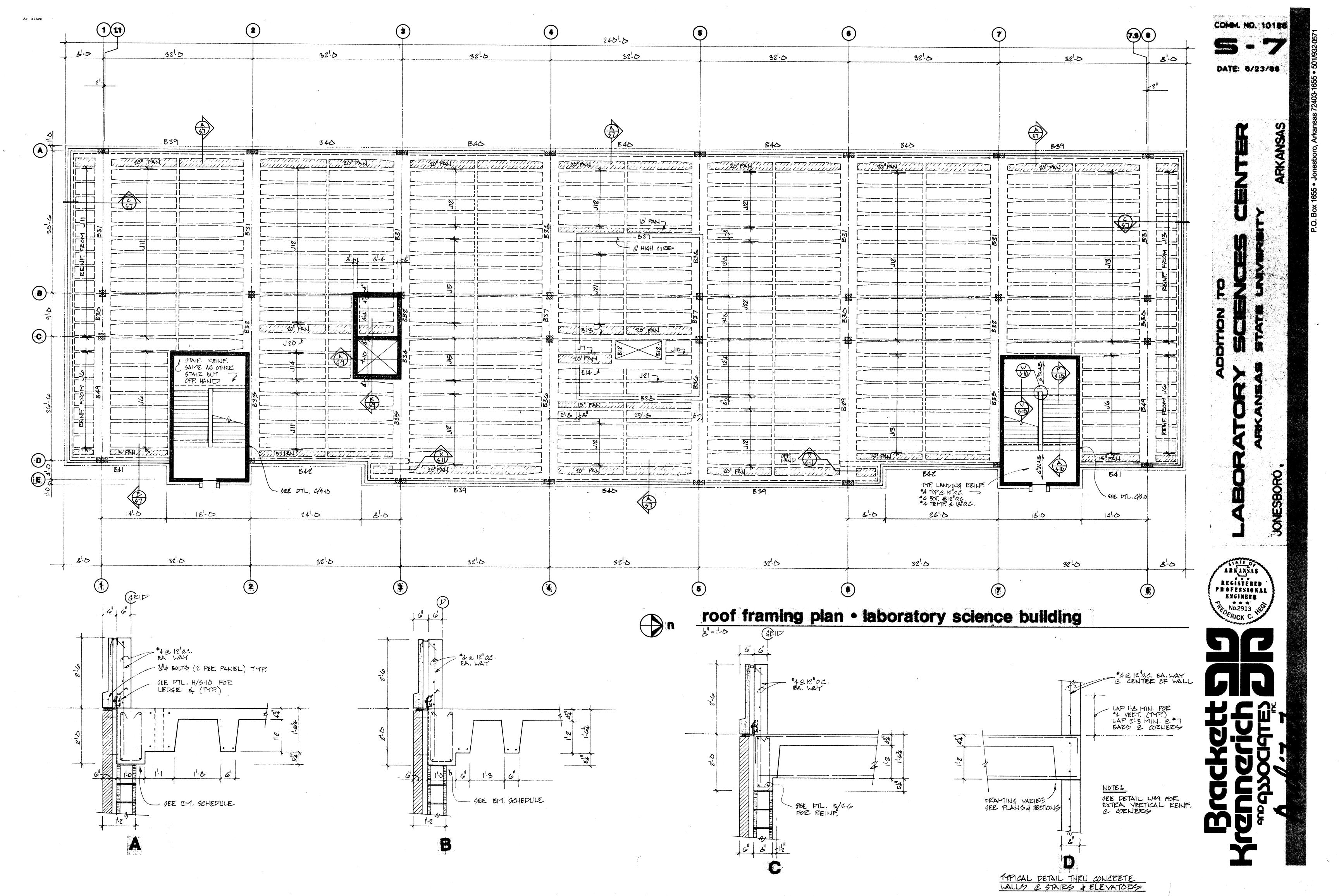










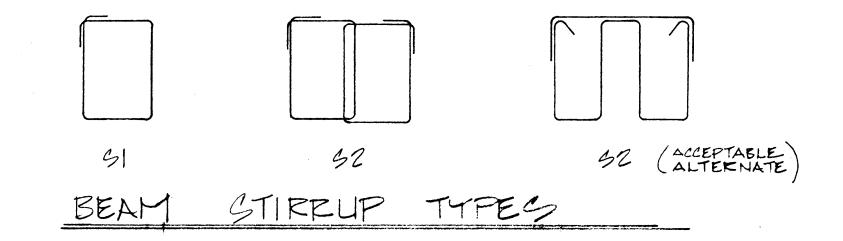


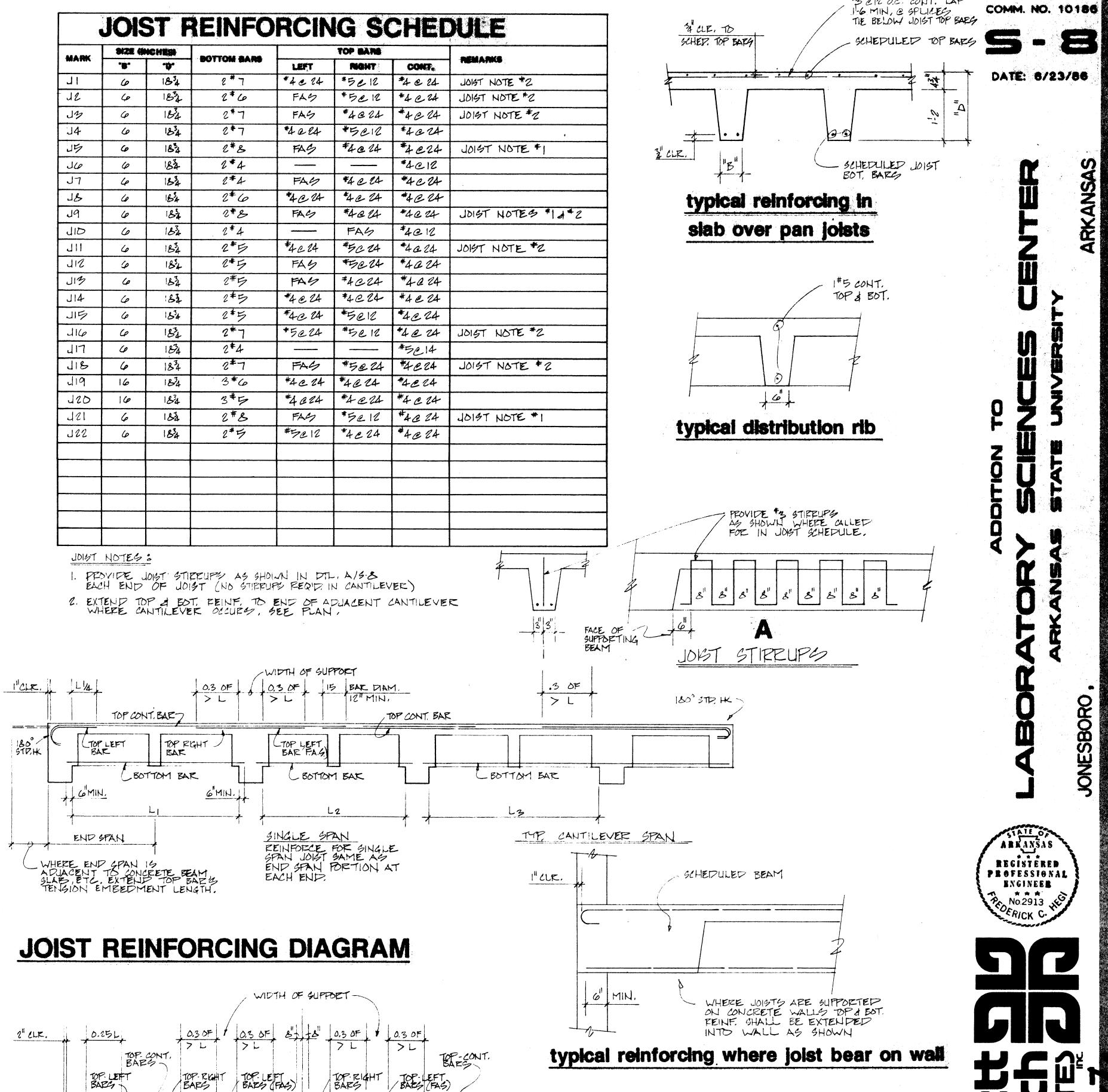
	SIZE (II	ICHES)			TOP BARS STIRRUPS REMARKS					
ARK	.0.	<b>'9</b> ',	BOTTOM BARG	LEFT	NGHT	CONTS	TYPE	SIZE	SPACING EACH END	REMARKS
31	42	1834	7#10		4 * 11	4*11	52	*4	1968"/FILL @ 24"	
32	42	1834	4#9	FAY	FAS	4*11	52	*4	FILL @ 24"	BEAM HOTE #7
23	42	1834	7*10	4*11	******************	4*11	52	#4	1908/FILL@24"	
54	42	184	4*9	4*11	FAG	4*11	52	*4	FILL @ Z4"	BEAM NOTE #6
55	42	1834	5#10		4#11	4*11	32	*4	1508"/FILL @ 24"	
6	42	1834	8*9	4#11	No	4#11	32	*4	1708/FILL @ 24	
7	42	183	9*10		6#11	4*11	32	*4	15e6/1208"/FILL @24"	
8	12	24	2#7			2*10	91	*3	14010"/FILL @ 24"	BEAM NOTES *14 *3
9	12	24	2*7			2*10	31	*3	13@10"/FILL @ 24"	:
10	12	24	2*11			2*8	31	*3	14010/FILL @ 24"	
	12	24	2*5			2#60	91	*3	4010"/FILL @ 24"	BEAM NOTES \$1 \$ *2
2	8	1834	2*4			2#4	91	*3	FILL @ 12"	
3	16	183	3*11			3*8	31	*3	408"/FILL@04"	
4	14	184	3*10			3*7	91	#3	1408"/FILL e 24"	
15	11	1834	2#11			2*7	31	*3	1628/FILL 224"	
16	9 11	183	2#10		***************************************	2*7	31	#3	1508"/FILL@24"	
7	42	183	7*10			4#11	32	#4	1208"/FILL@24"	
8	12	55	2*8			2*9	91	#3	FILL @ 24"	BEAM NOTE #5
9	12	55	2*8			2*8	91	#3	FILL & 24"	
20	12	55	2*9			2*8	91	#3	FILL @ 24"	
21	11	1834	2#6			2*5	51	#3	208/FILL 024"	
22	32	1834	3*8			3#4	31	*3	208/FILL @ 24"	
23	12	24	2*5			2*5	31	=3	FILL e 12"	
24	12	5634	2*10			1#8	91	#3	FILL C 22"	
25	35	1834	4#10		FAS	3#11	91	#4	408/FILL 024"	
26	29	184	3#10		FAG	2*11	51	*4	FILL @ 24"	
27	26	1834	4#!1			4*8	31	#3	14 @ 8"/FILL @ 24"	
28	21	184	4*10	-		4*8	91	*3	14e8"/ FILL @ 24"	
29	42	183	5*10		3#10	4#10	31	*4	1708"/FILL @24"	
30	42	184	5#8	FAG	FA9	4#10	51	*4	FILL @ 24"	
31	42	1834	5*10	3*10		4#10	91	*4	17 es"/FILL e 24"	
32	42	1834	5*8	3#10	FAG	4*10	91	#4	FILL @ 24"	BEAM NOTE #4
33	35	1834	3*10		FAS	4#10	51	*4	408"/FILL @ 24"	
34	29	184	3*9		FA4	2#10	91	*4	FILL @ 24"	
35	42	184	6#9			4*10	91	*4	1028"/FILL 224"	
36	42	184	9#10		5#11	5#11	52	#4	15e6"/12e3"/FILLe24"	
37	42	1834	4#10	FAG	FAS	5#11	42	*4	FILL @ 24"	
38	42	1834	9*18	5#11		5*11	32	*4	15e6/12e2"/FILLe24"	
39	12	24	2 * 6			2*8	31	*3	10010 FILL @ 24"	BEAM NOTES # 1 4 #2
10	12	24	2*6			2*8	51	*3	9010"/FILL@24"	
-	12	24	2*5			2*5	91	#25	4010"/FILL @ 24"	BEAM NOTES #1+ #2
2	12	24	2*9			2#7	91	*3	12e10/FILLe 24"	
3	16	30	3#8			4#9	31	#3	6012"/FILL @ 24"	BEAM NOTES #8 + #9
14	16	30	3 <b>#</b> 7			3#9	31	*3	5013"/FILL @ 24"	BEAM NOTES #8 d *9
5	12	30	2#7			2#7	51	*3	6013"/FILL024"	BEAM NOTES \$8 4 *9
6	12	60	2#10			2#10	31	#3	9e91/4e121/FILLe24"	BEAM NOTE #10
17	21	1834	4#11			4#9	91	#4	FILL es"	
8	42	1834	8*10		5#11	4#11	52	#4	407"/1608/FILL 024"	
9	42	1834	5#9		4#10	4*10	91	*4	1508"/FILL @ 24"	

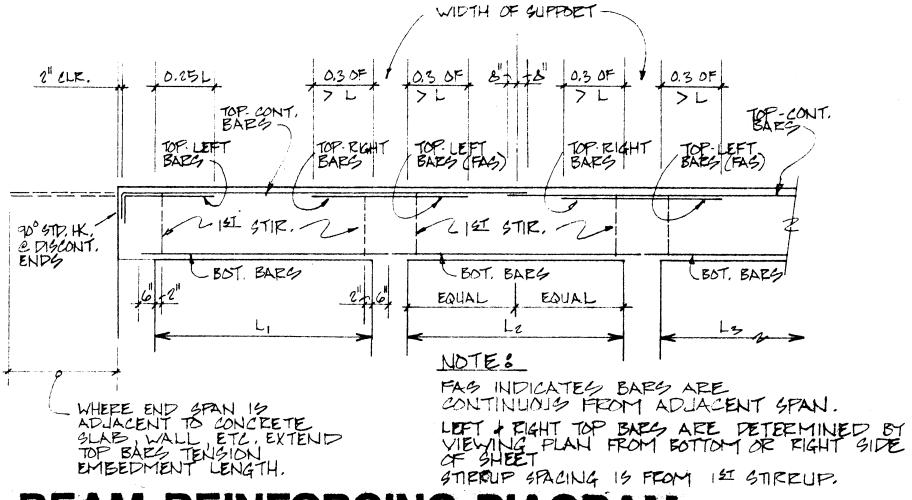
#### BEAM NOTES :

₄F 32526

- EXTEND TOP & BOT, REINF, TO END OF ADJACENT CANTILEVER.
- CANTILEYER STIFFUP SPACING: 2010"/FILL @ 24"
- CANTILEVER STIRRUF SPACING: 4010"/FILL e 24"
- 7#10 TOP BARS SHALL EXTEND ACROSS B32
- ADD 2 5 CONT. E & FOINTS OF BEAM PEPTH, LAP 26 @ SPLICES.
- TOP BARY SHALL EXTEND ACROSS B4.
- 8#11 TOP BARY SHALL EXTEND ACKOSS B2.
- CANTILEVER STIFFUP SPACING: FILL @ 13"
- GEADUALLY REDUCE BEAM DEPTH AT CANTILEVER FROM 30" TO FIT GLOPE OF GLAB (SEE ARCHIL, DW45.) MIN, DEPTH & 27" @ END OF CANTILEVER.
- 10. EXTEND TOP REINFORCING 6'-O MIN, INTO SUPPORTING WALL EACH END.







BEAM REINFORCING DIAGRAM

typical reinforcing detail for edge joists

PROVIDE THE FOLLOWING REINFORCING AT JOISTS POURED, INTEGRALLY WITH SUPPORTS

1.) NO REINFORCING FOR "X"= 3" OR LESS

· 4.) \*5@4"O.C. FOR "X" GREATER THAN 10"

2.) 1#5 FOR "X" ETWN, 3" AND 5" 3.) 2#5 FOR "X" ETWN. 5" AND 10"

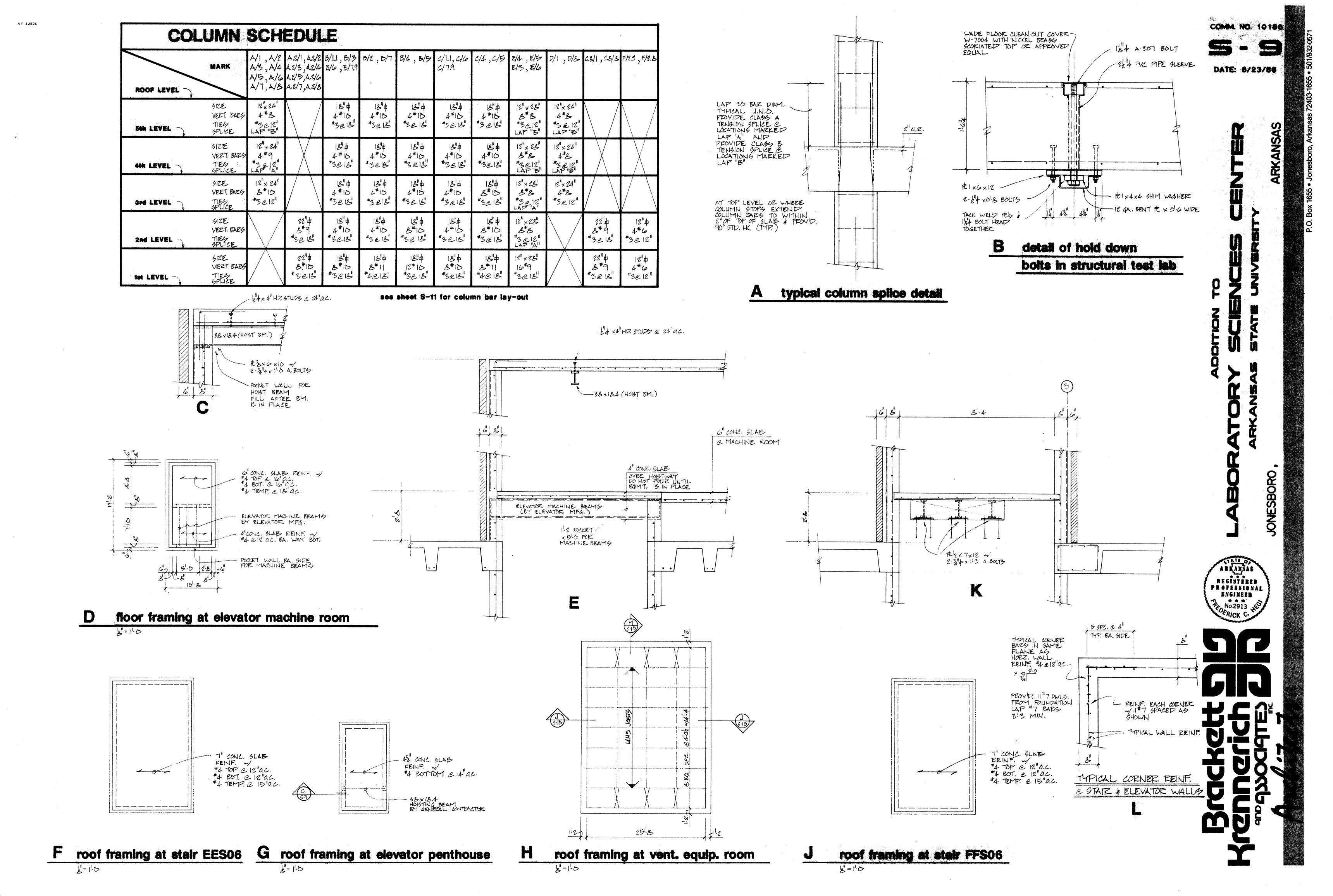
UNLESS NOTED OTHERWISE.

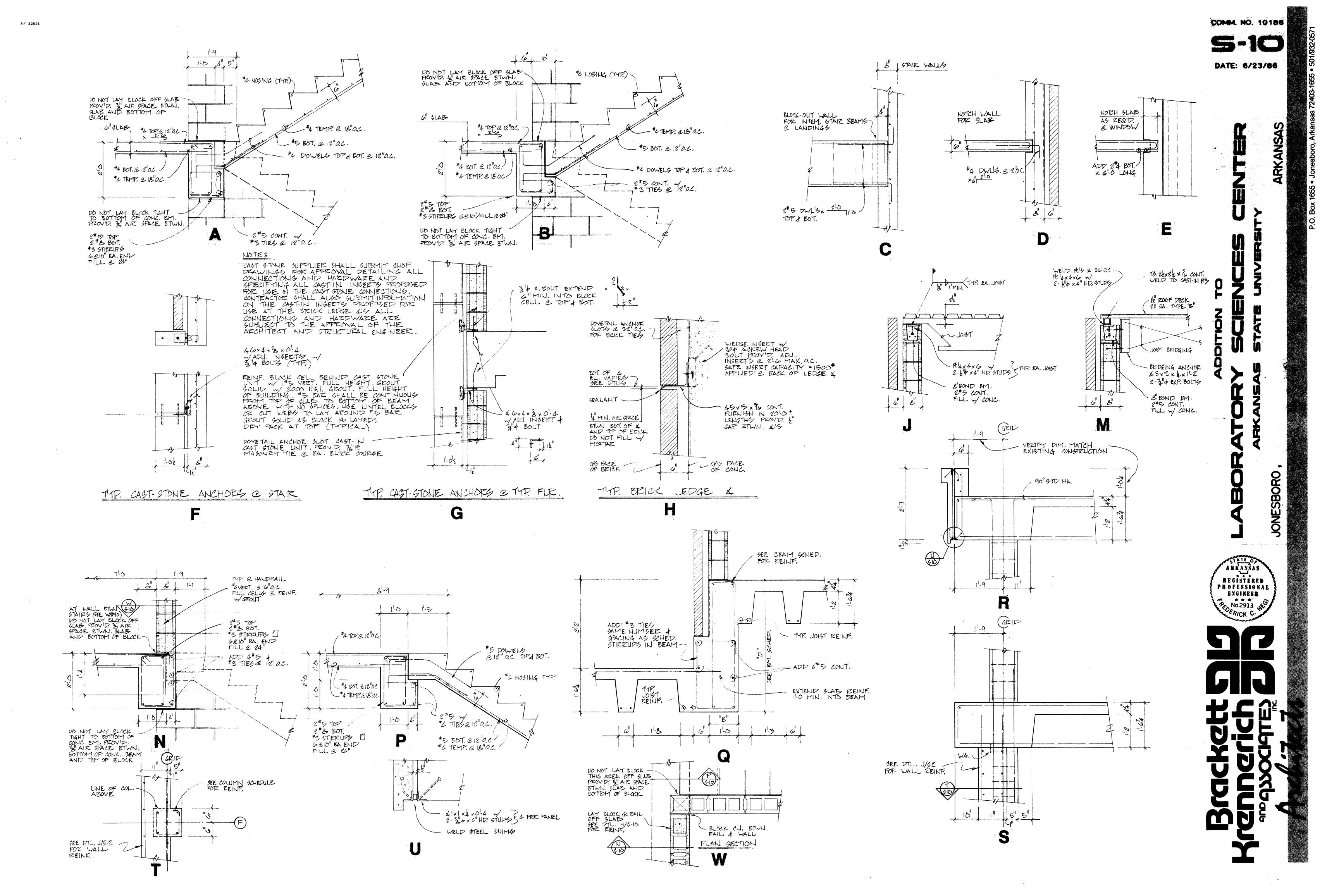


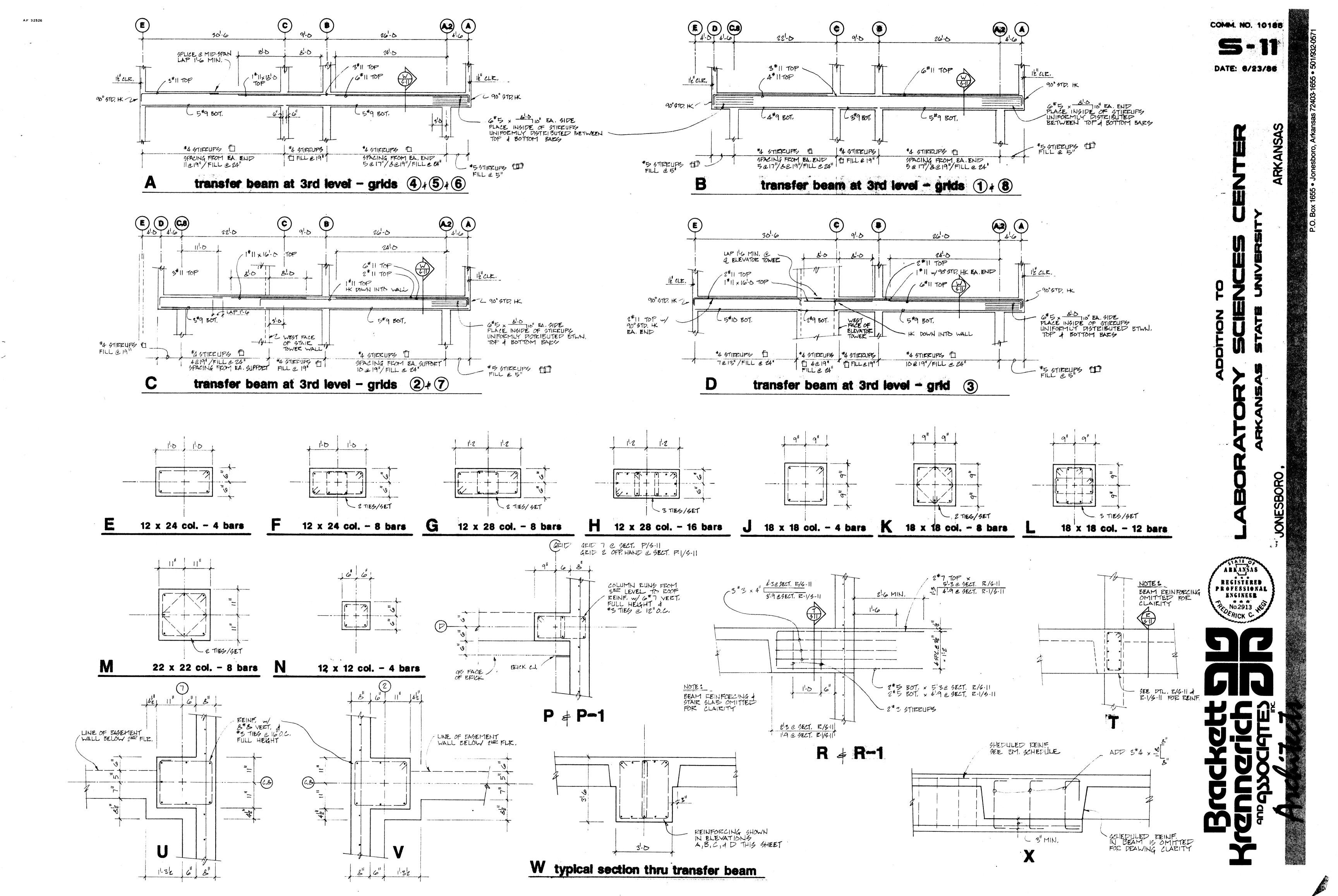
JONESBORO

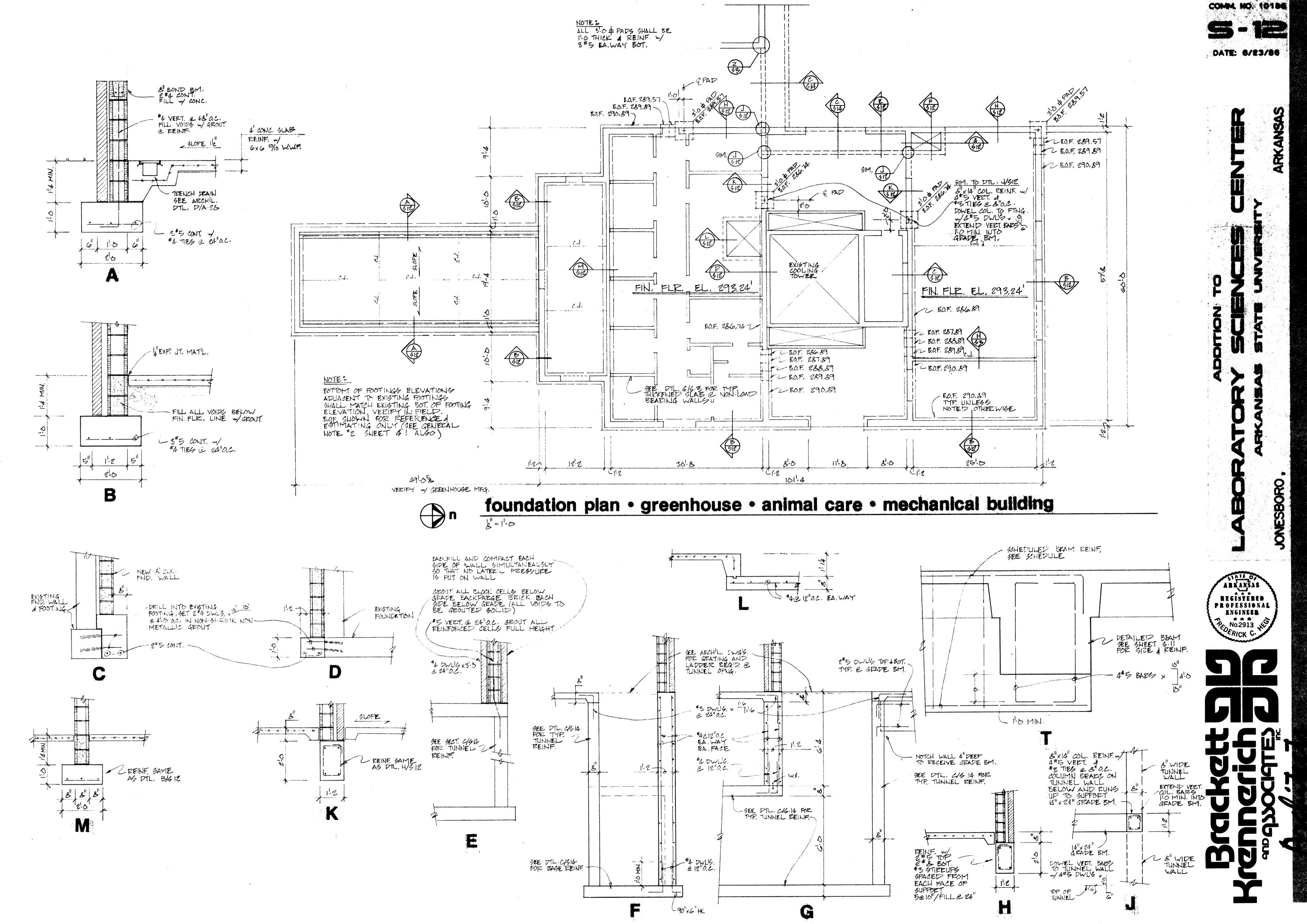
\*3 e12 O.C. CONT. LAP

DATE: 8/23/86









COMM. NO: 10186

H

typ. lintel for 1'-2 wide wall

typical block lintel details

AF 32526

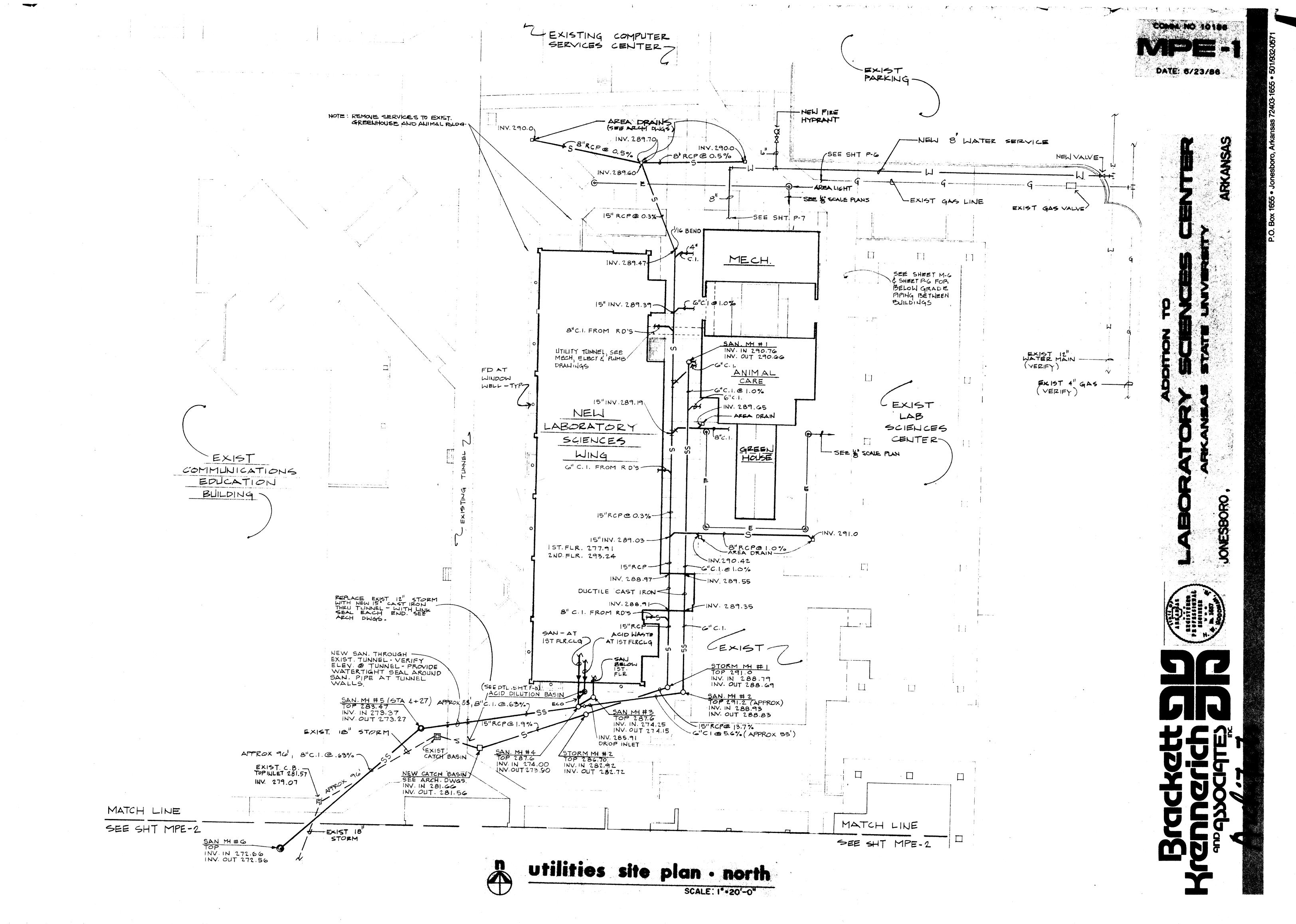
K

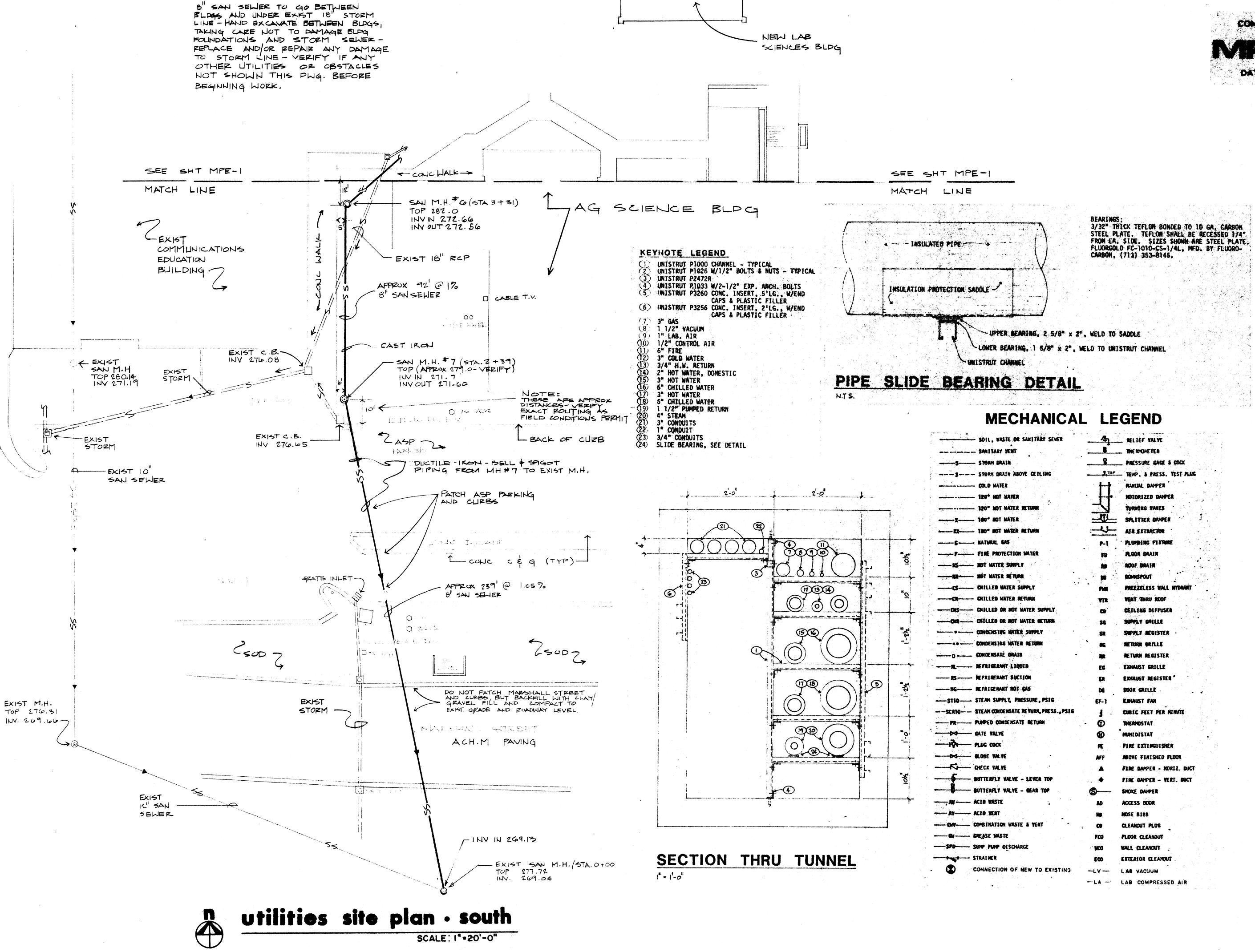
typ. lintel brng. @ 1'-2 wall

COMM. NO. 10186 5-13 DATE: 6/23/86

REGISTERED PROFESSIONAL ENGINEER POERICK C.







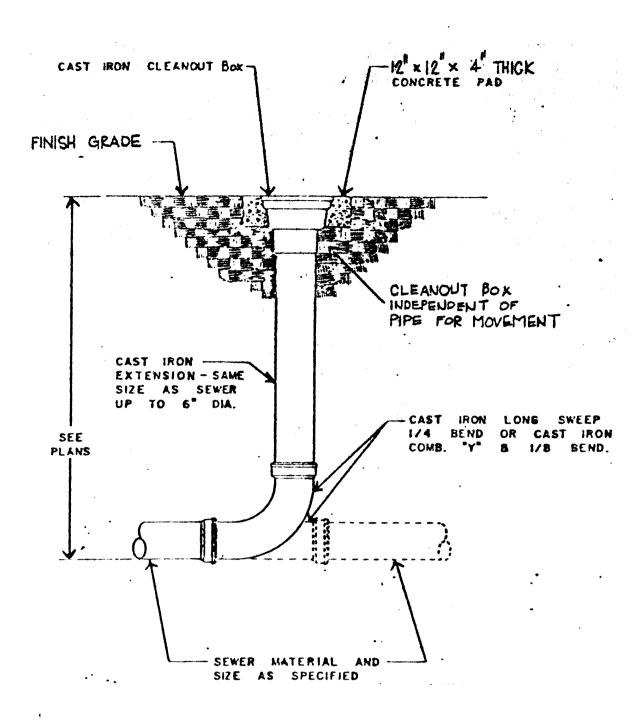
NOTE:

COMMANDA ANTONE

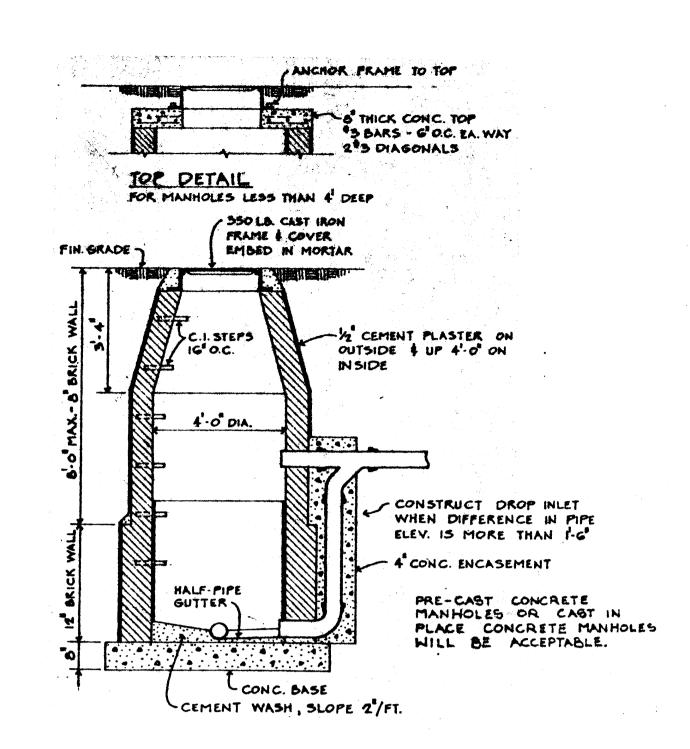
DATE: 6/23/80

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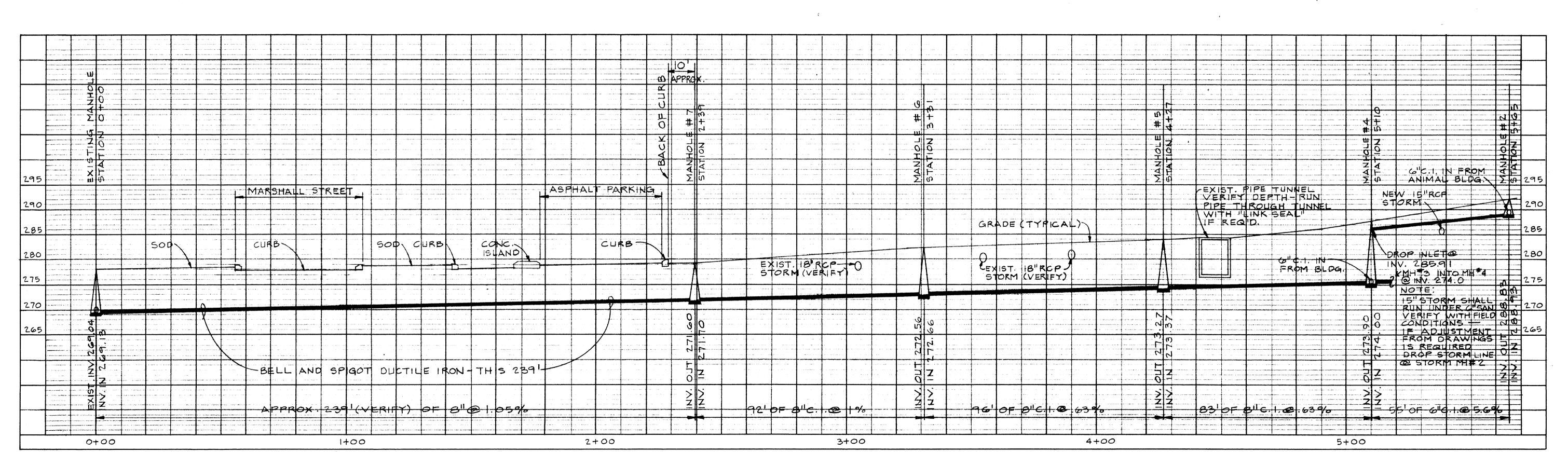




**EXTERIOR CLEANOUT DETAIL** 



**MANHOLE DETAIL** 



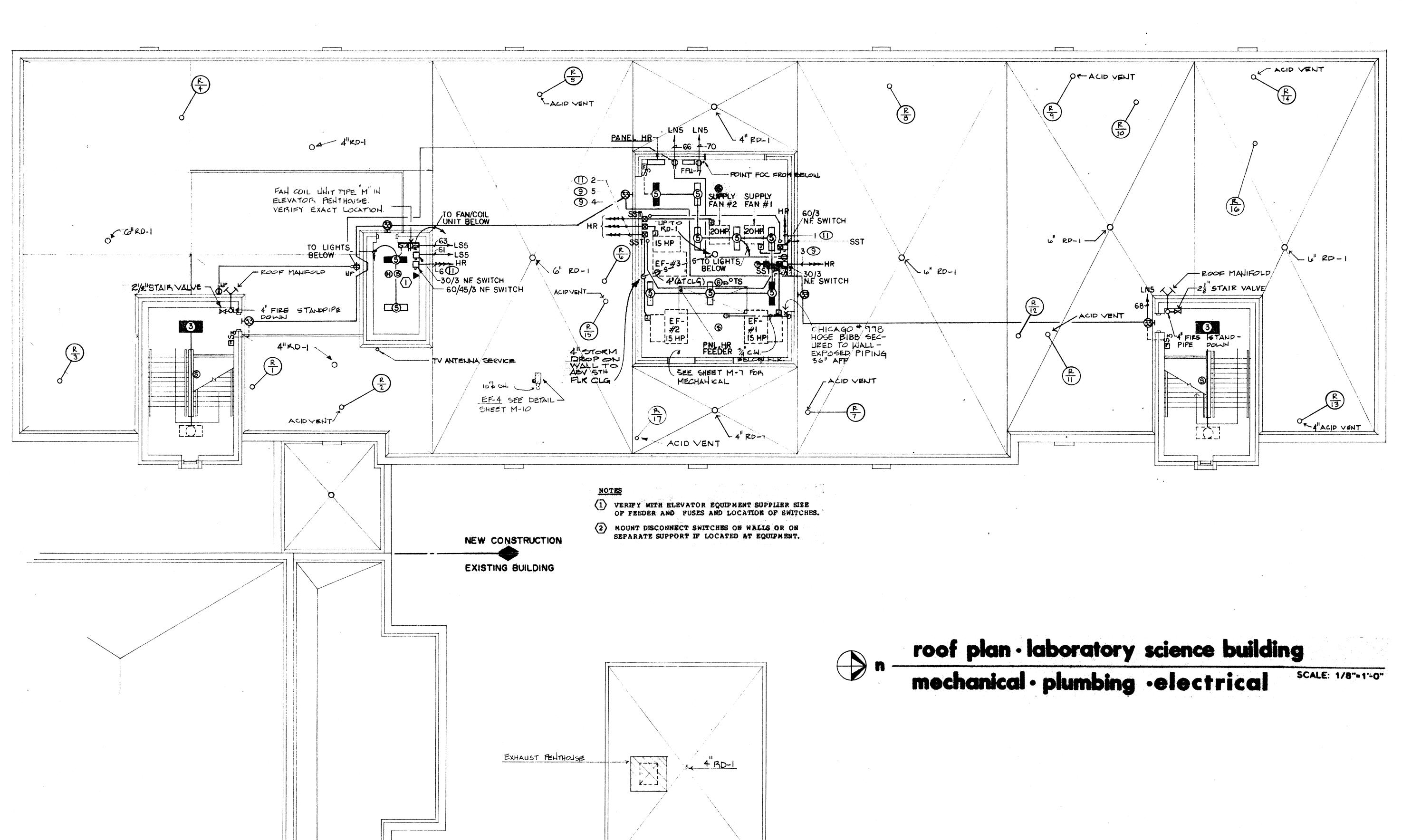
PROFILE -SANITARY SEWER

> SCALE: VERT. - 1"=10'-0" HORIZ. - 1"=20'-0"

utilities site details

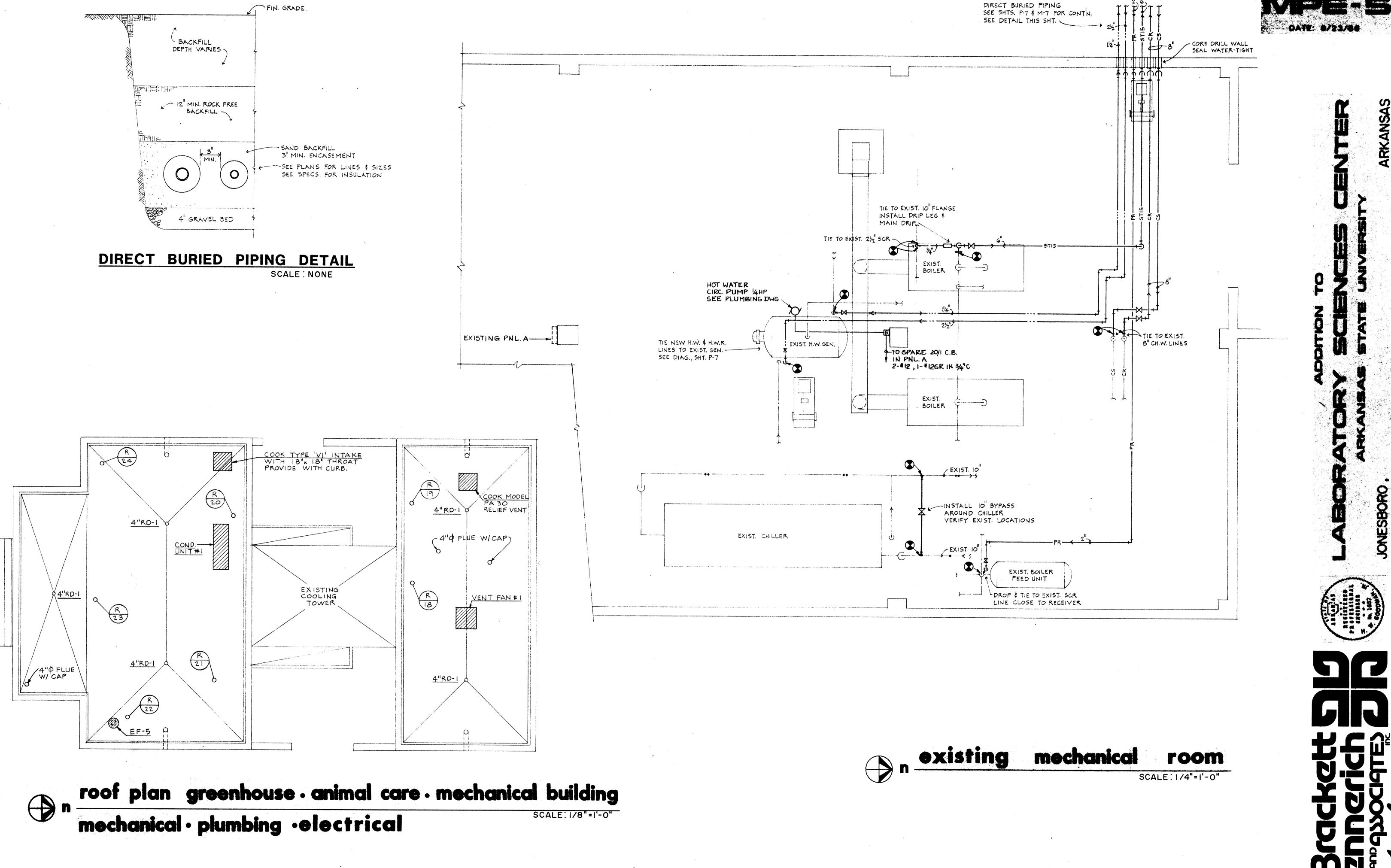
DATE: 6/23/86



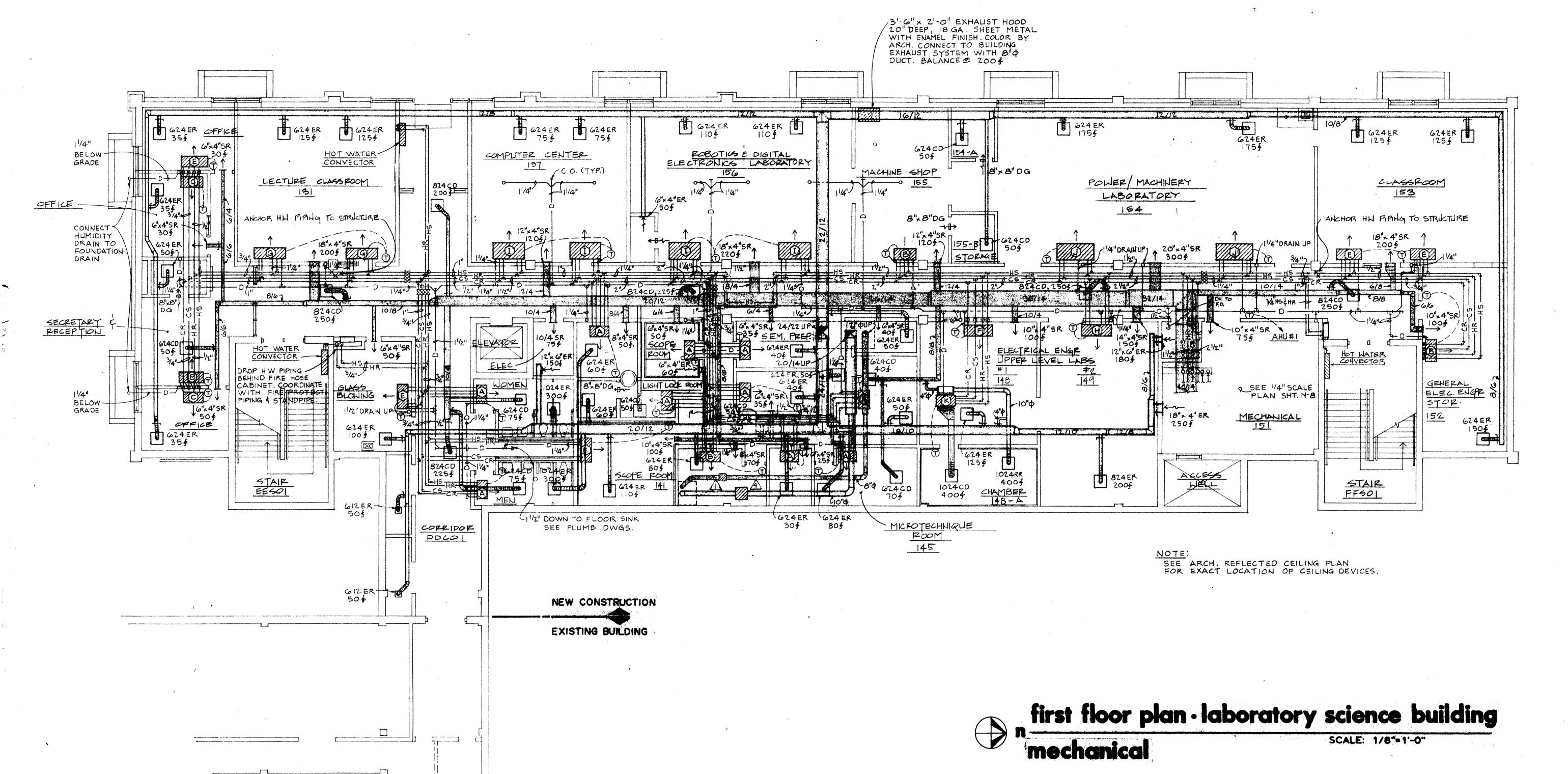


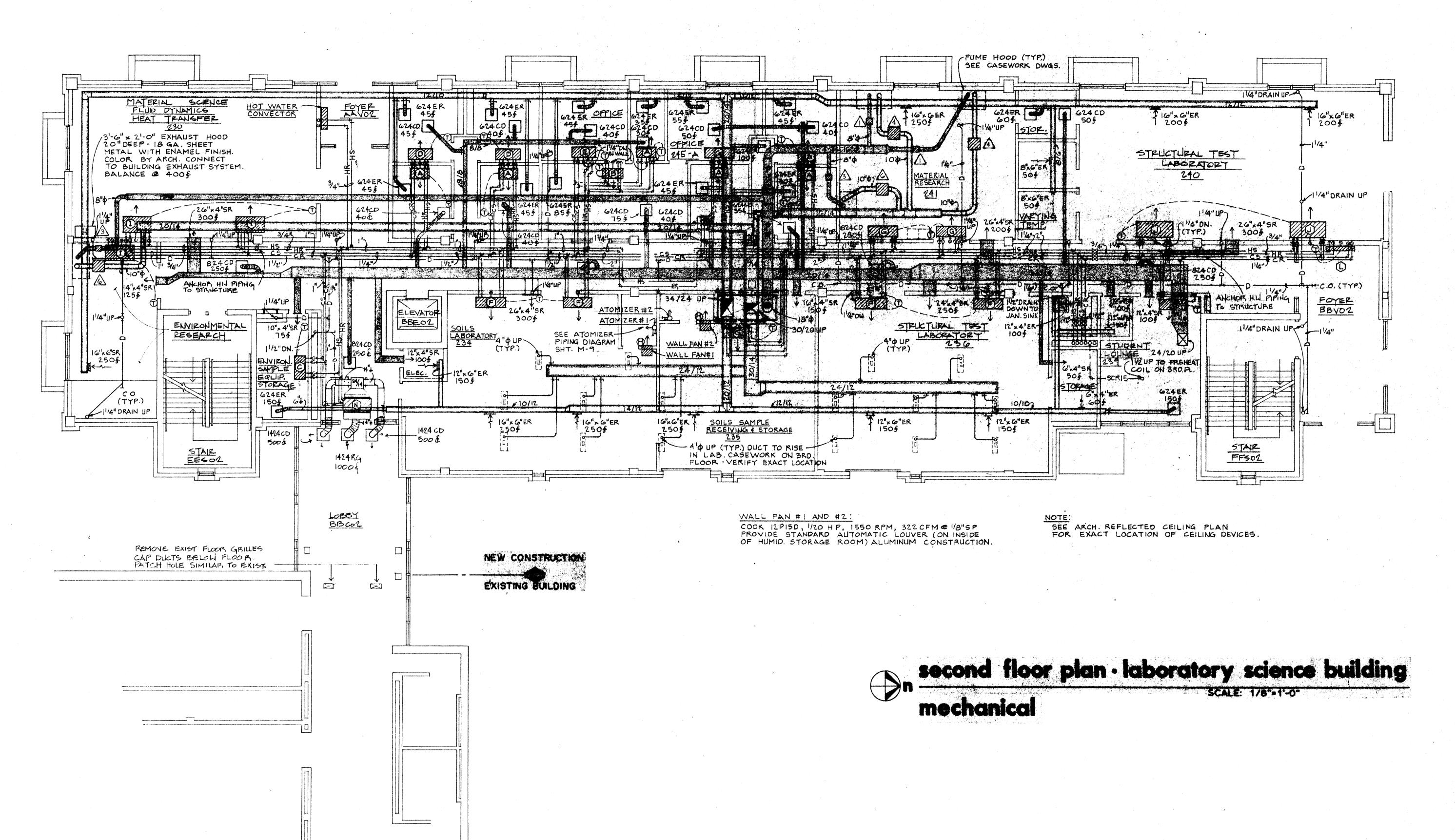
ROOF AT VENT. EQUIP. ROOM

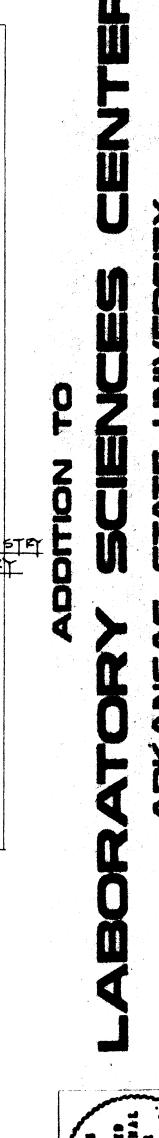




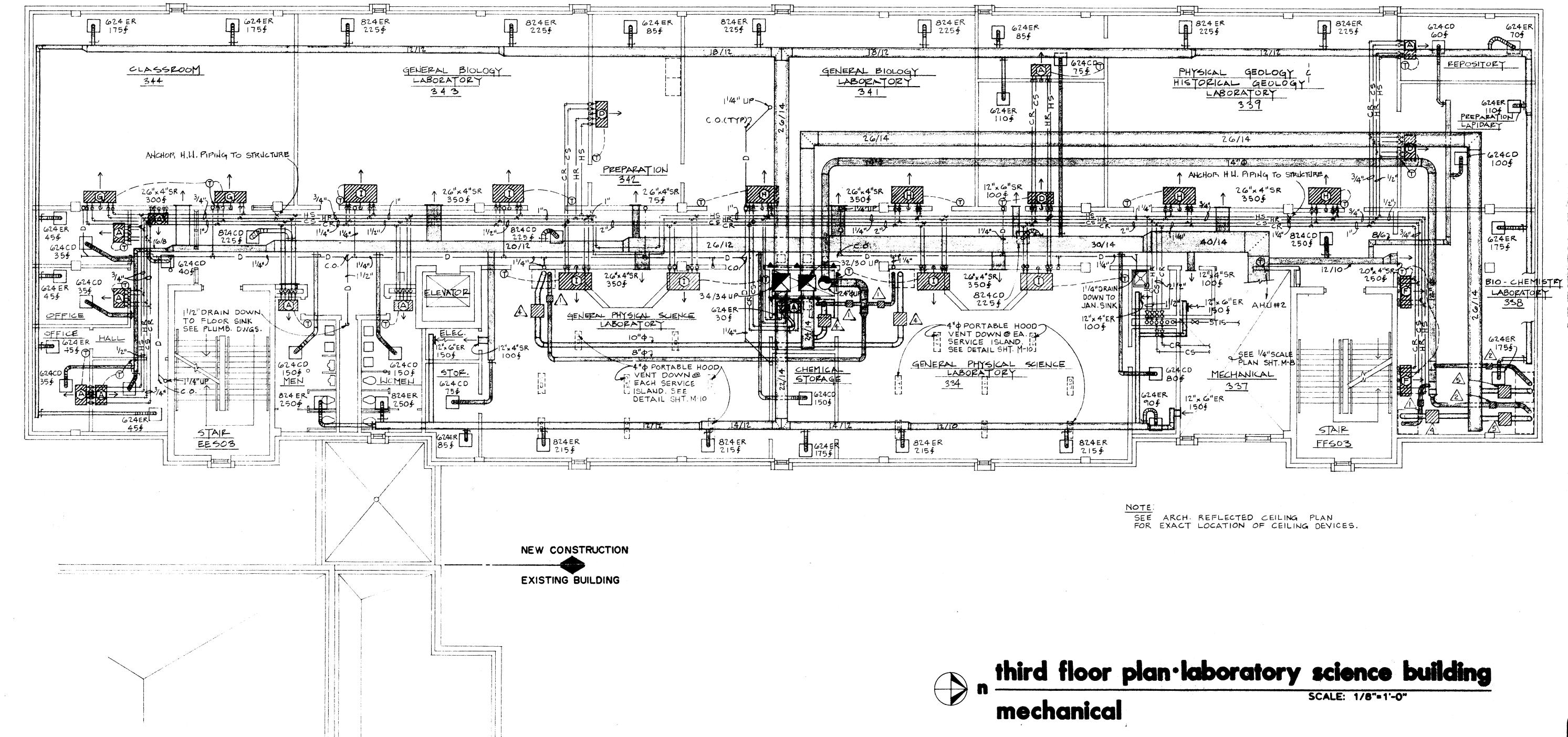








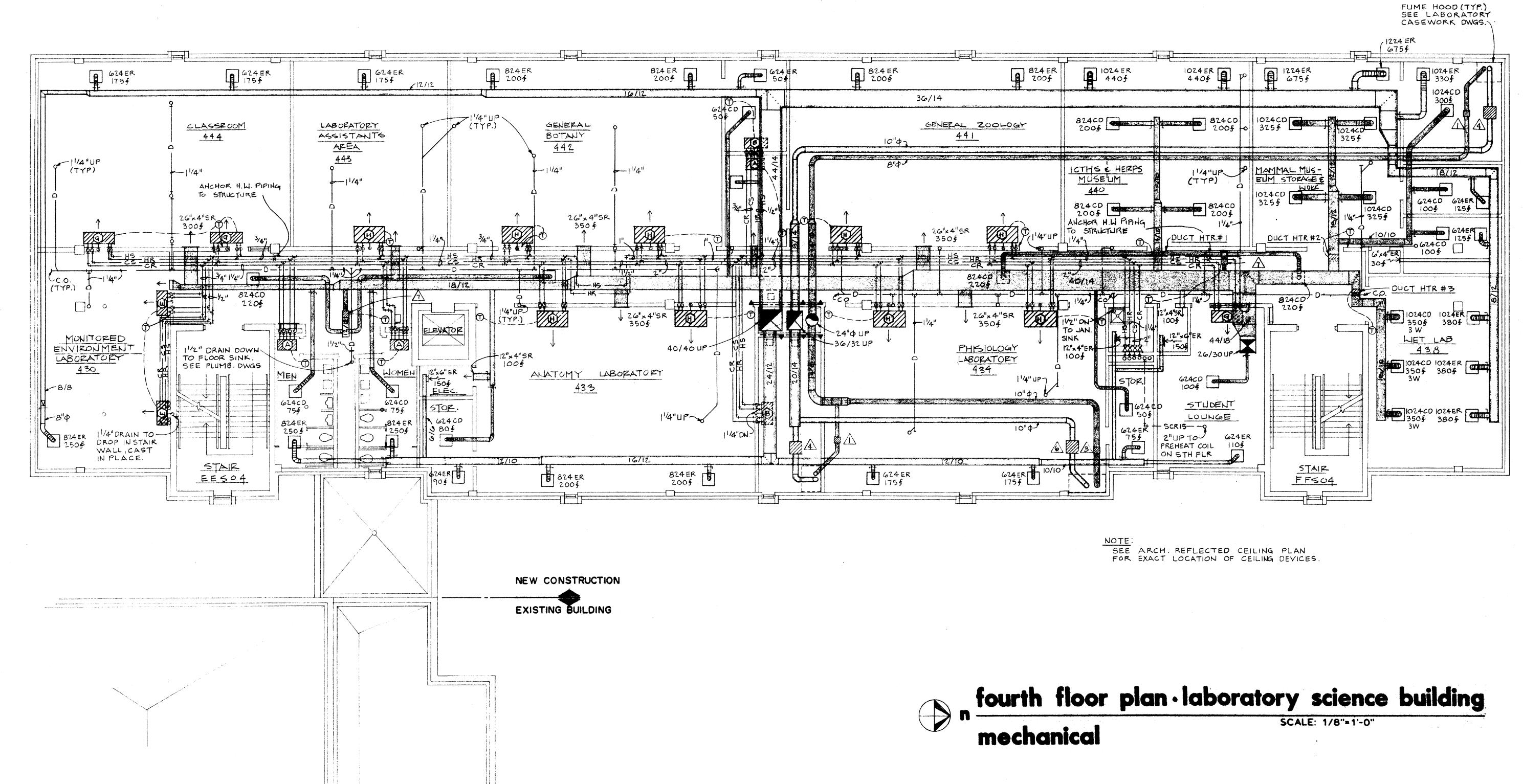


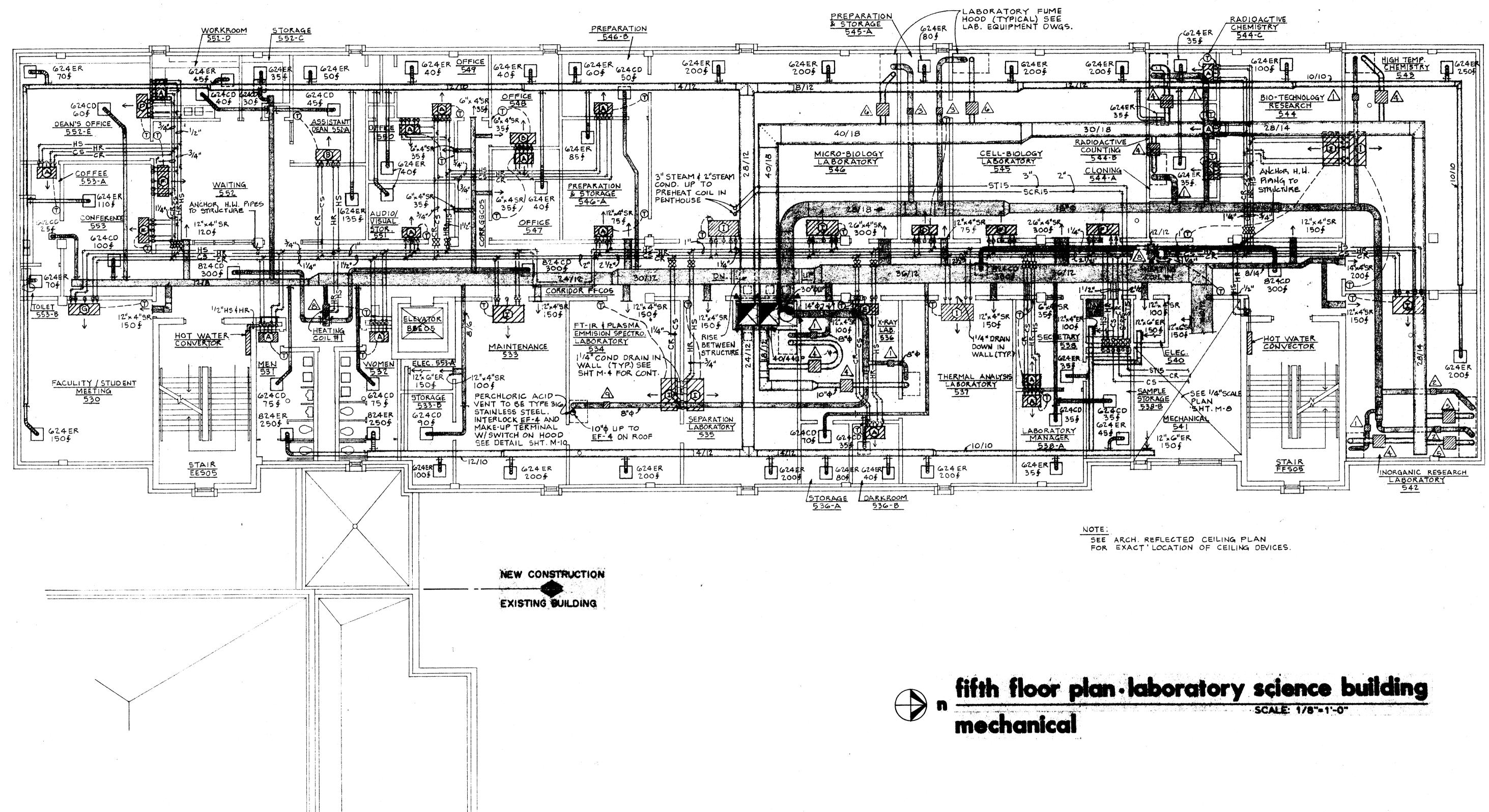


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ARKANSAS

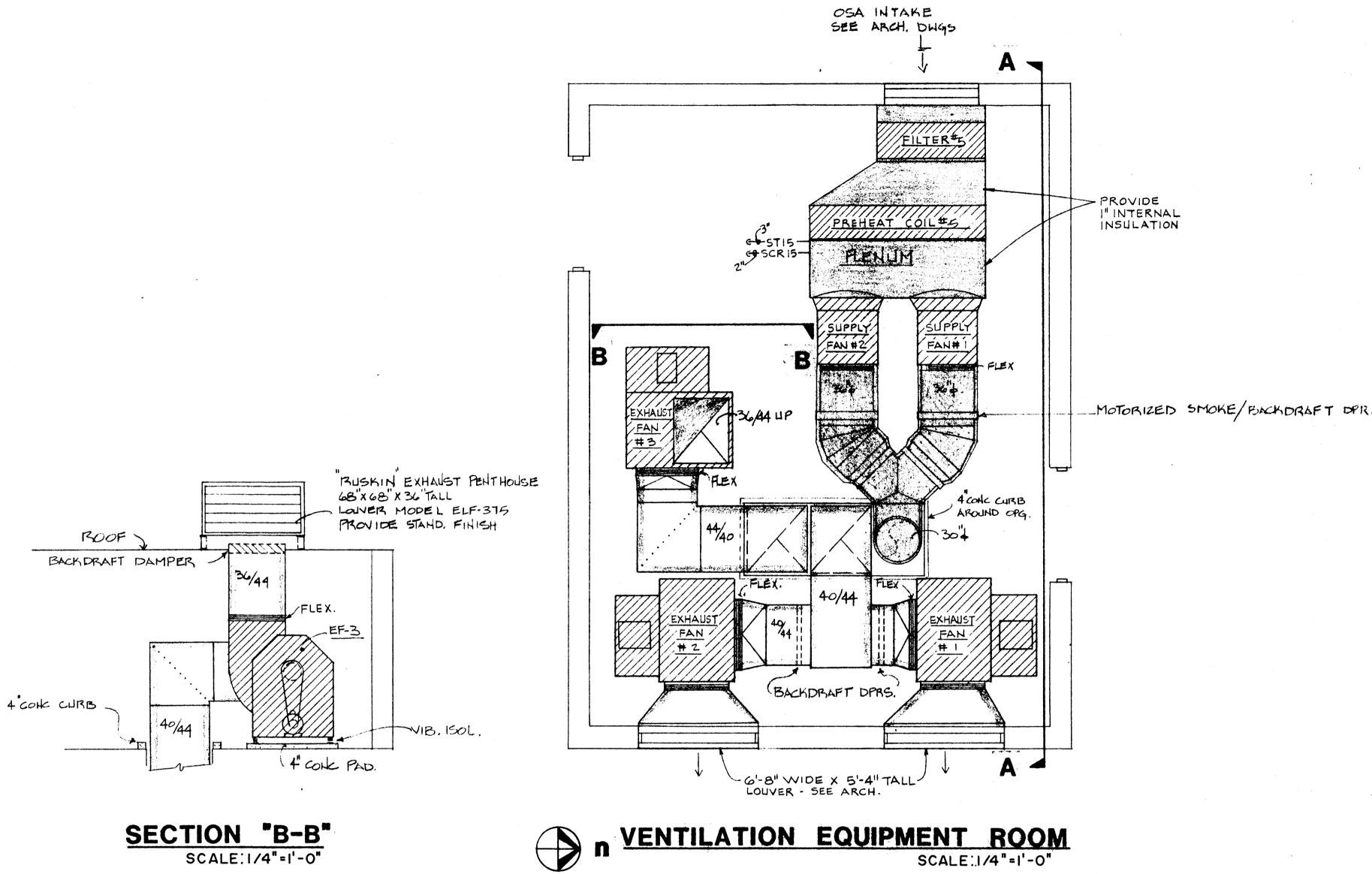






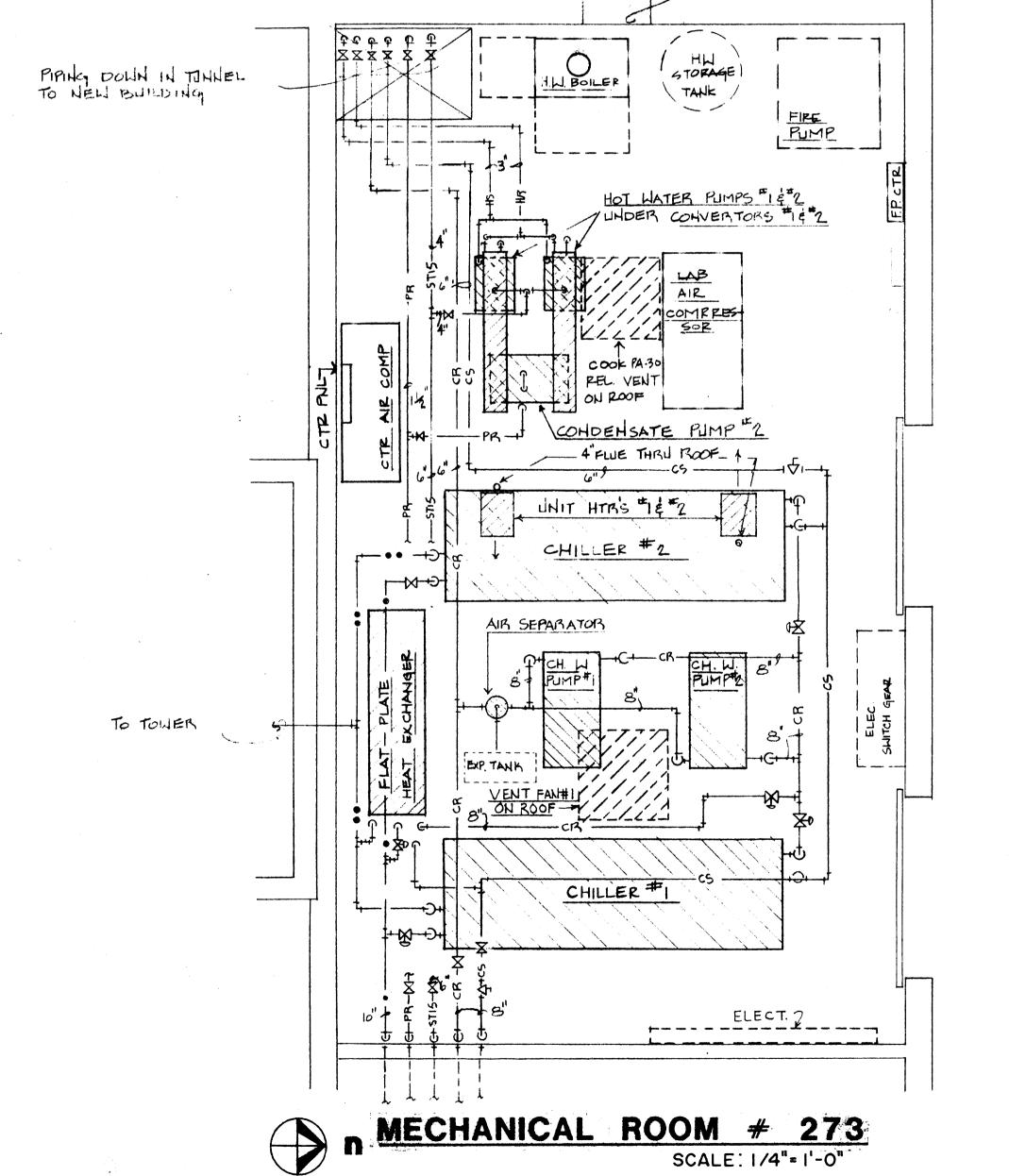
COMM, NO. 10186 M-5 DATE: 6/23/86





EXHAUST FAN

PLEXIBLE CONH



SEE ARCH DWGS. FOR COMBUSTION AIR LYRS

AF 32526

EXHAUST LOUVER
SEE ARCH, DWGS

4"COK, CURB

5UPPORT AS REQ'D

VIB. ISOL,

2"SCRIF

5UPPORT AS REQ'D

CURB

5UPPORT AS REQ'D

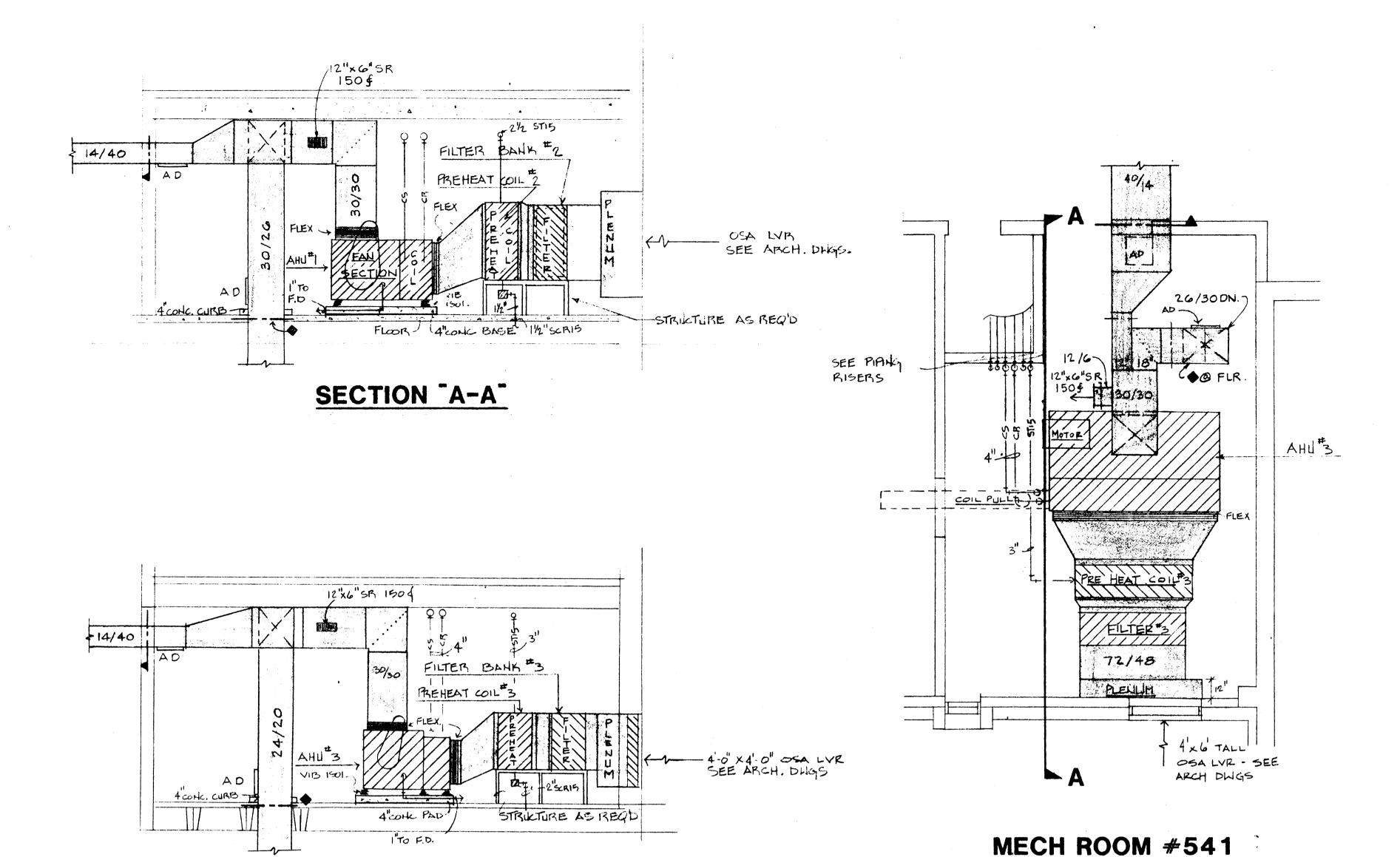
5UPPORT TAKEOFF

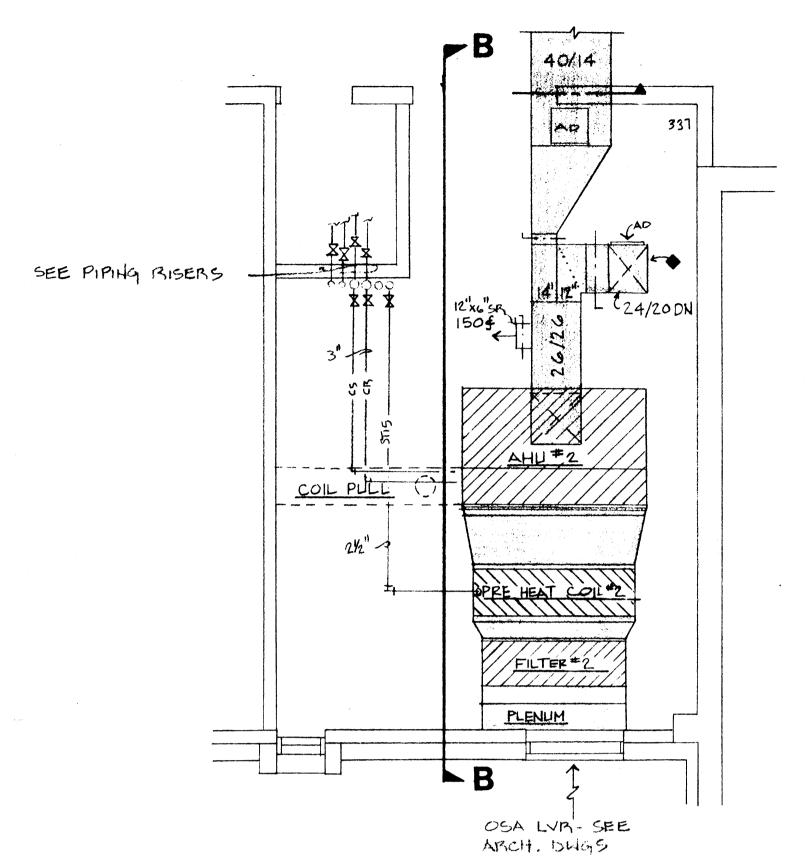
PROVIDE I"INTERNAL INSULATION \_\_\_

SECTION "A-A"

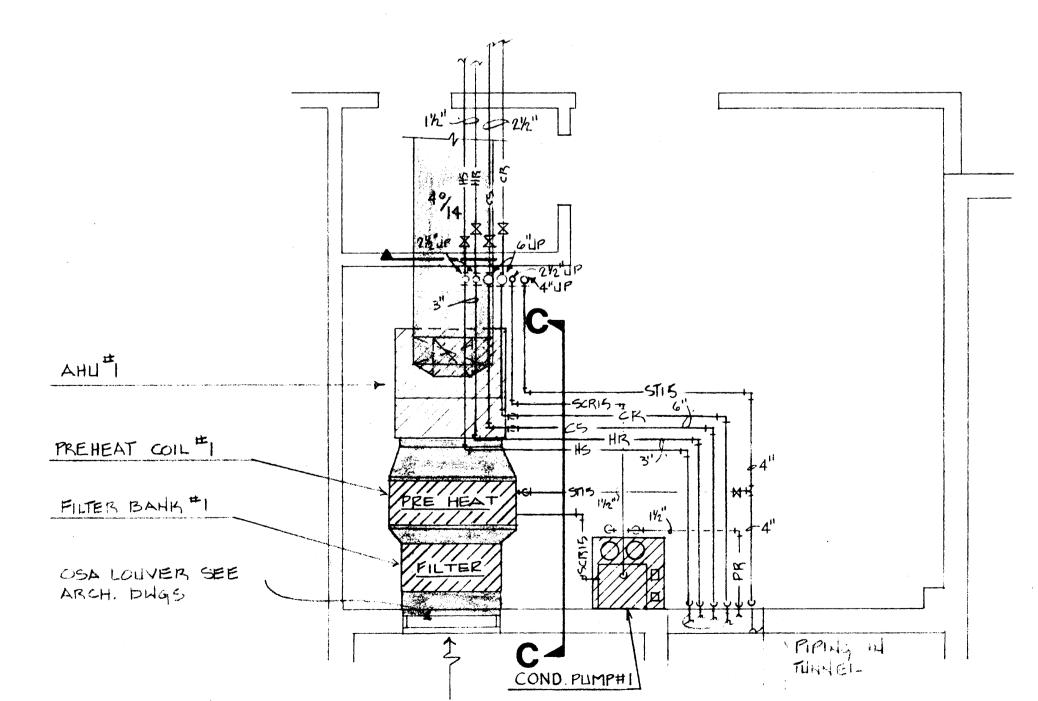
SCALE: 1/4"=1'-0"

plans & sections of chiller room & penthouse scale: 174\*-17-6"

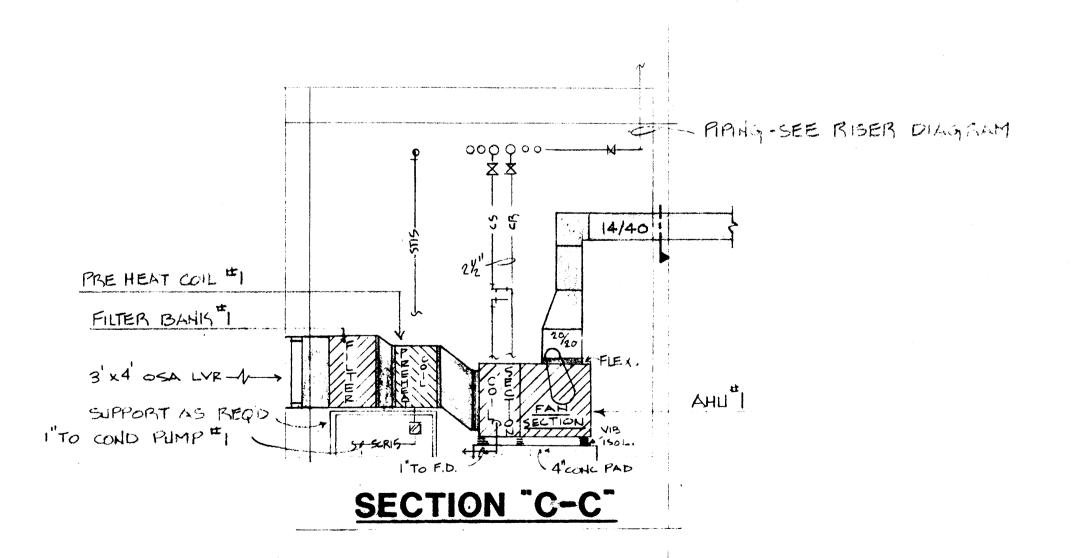




MECH PLAN RM #337



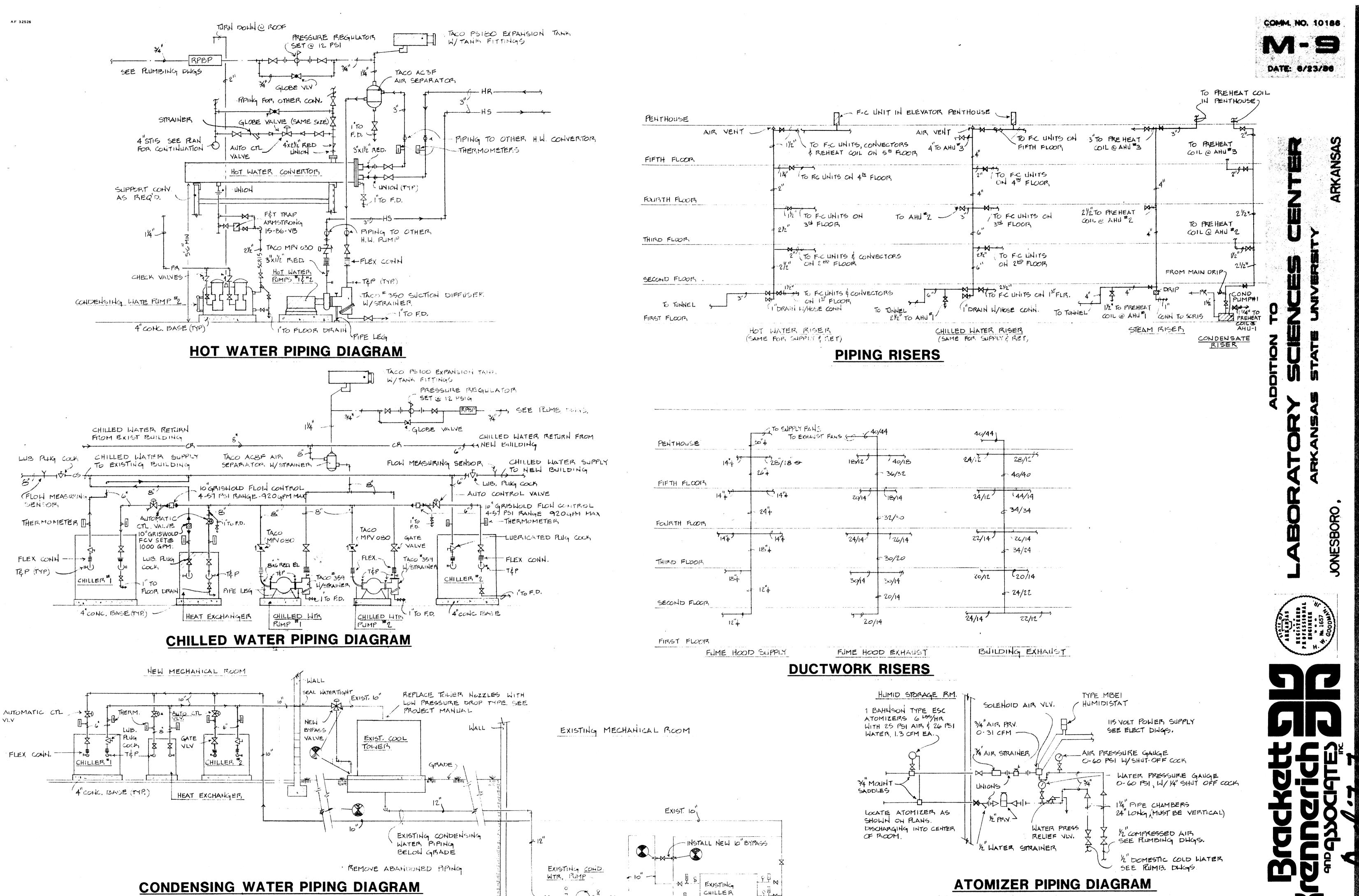
MECH ROOM #151



SECTION B-B

plans & sections of rooms 151,337,541

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



piping diagrams

risers

SCALE: NONE

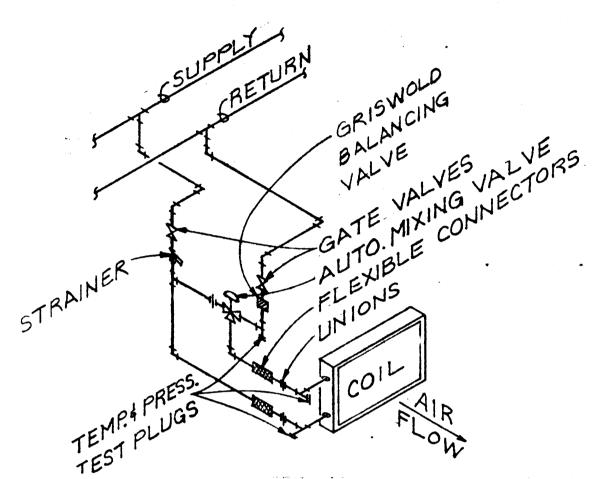
COMM. NO. 10186

RETAINING ANGLES ON 4 SIDES ATTACH TO SLEEVE ONLY. FIRE PARTITION-MIN. SIZE 12" VERTICAL AND 12" HORIZONTAL FIRE DAMPER. 14 GAUGE SLEEVE (AIR FLOW BREAKAWAY FTG MIN. 12" x 12" DUCT-ACCESS DOOR. MIN. 16" x 16" CLG. ACCESS PANEL IN ALL GYP. BOARD CEILINGS.

#### **DETAIL - FIRE DAMPER INSTALLATION**

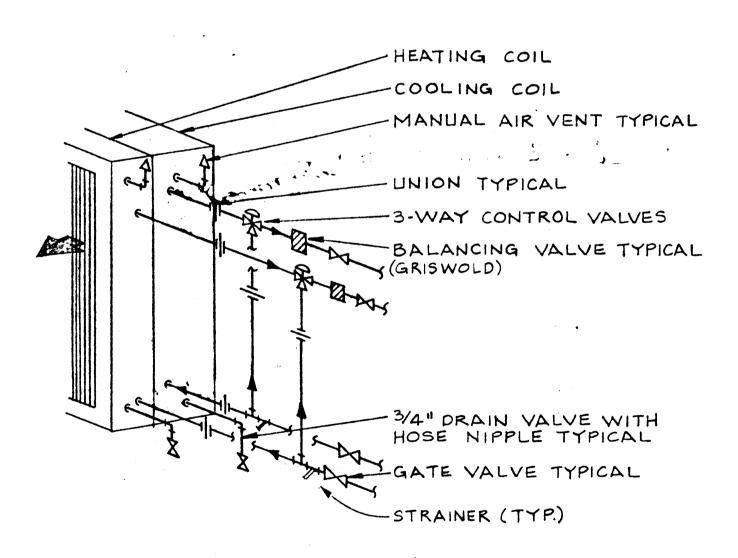
FOR ALL DUCTS 12"x12", 12" & OR SMALLER

NOTE: SEE FIRE DAMPER MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION.

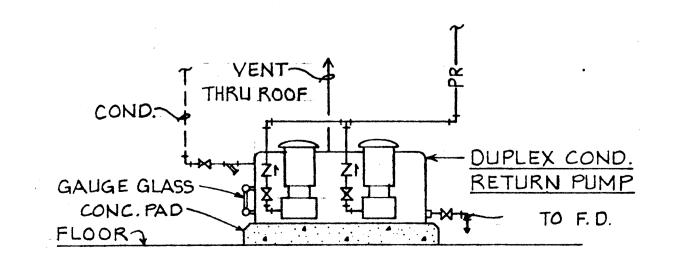


### COIL AUTOMATIC CONTROL

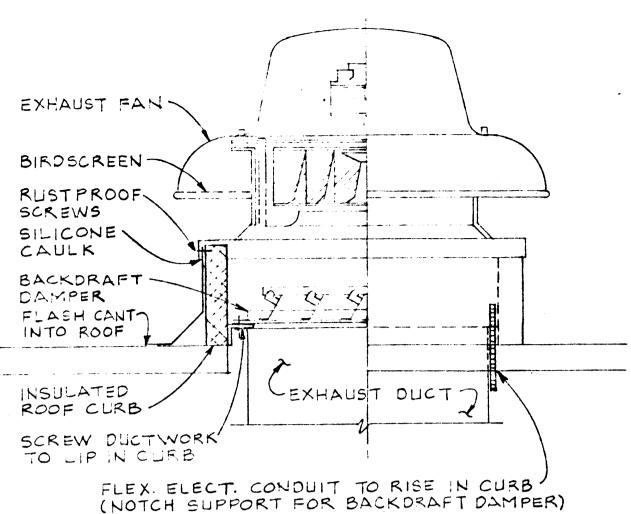
NOTE:
SUPPLY WATER MUST ENTER
LEAVING AIR SIDE OF COIL



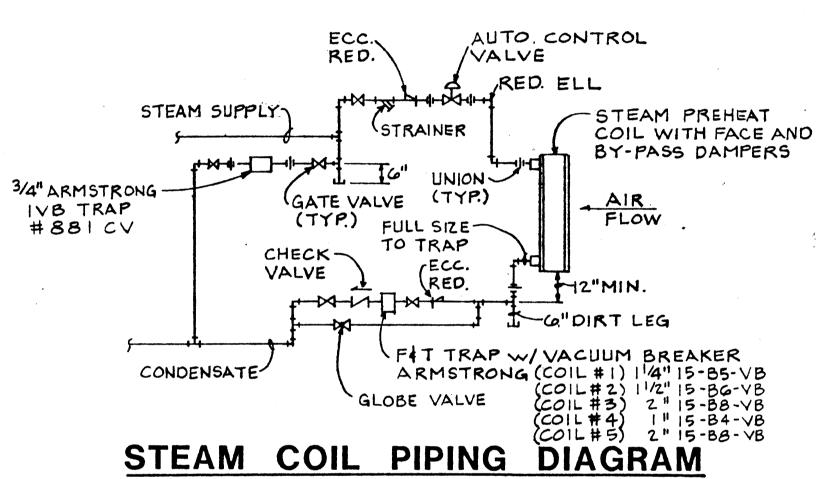
## FOUR PIPE COIL N.T.S. (PIPING CONNECTION TO BE OPPOSITE ENDS)

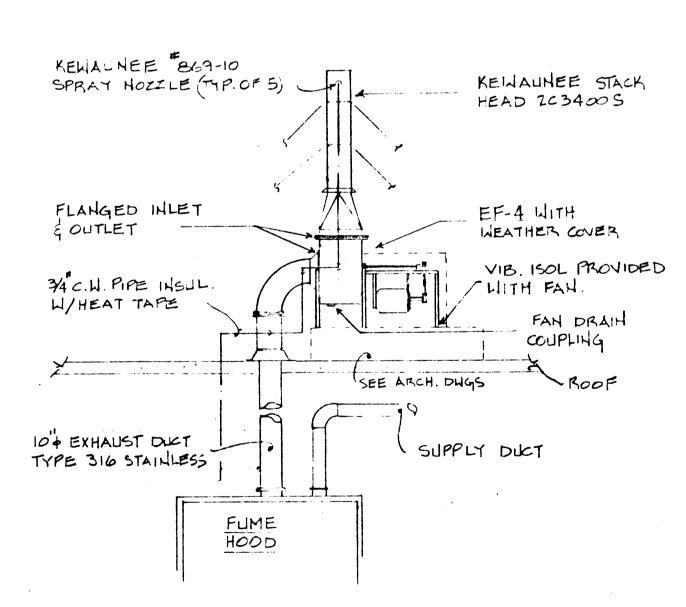


#### CONDENSATE PUMP PIPING DIAGRAM

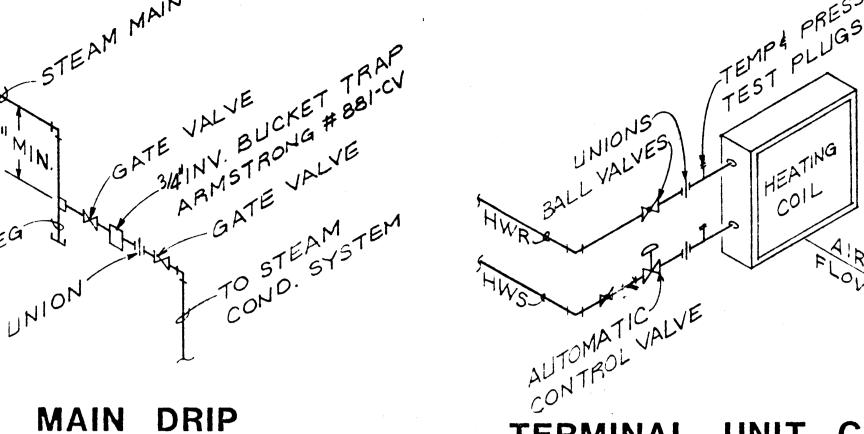


## **EXHAUST FAN DETAIL**





# EXHAUST FAN # 4

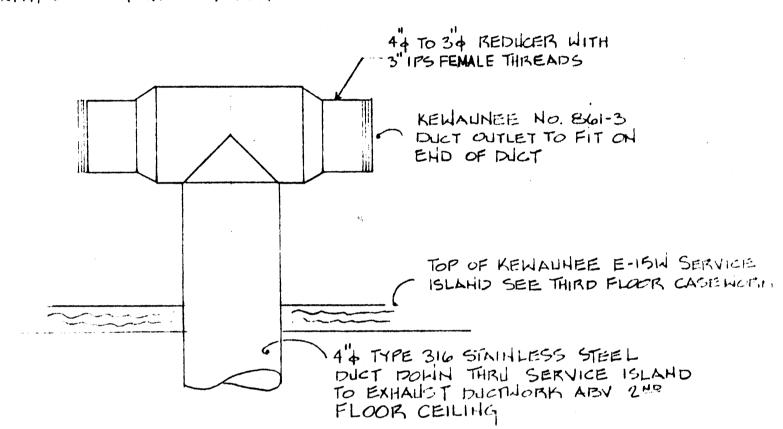


### TERMINAL UNIT COIL PIPING DIAGRAM

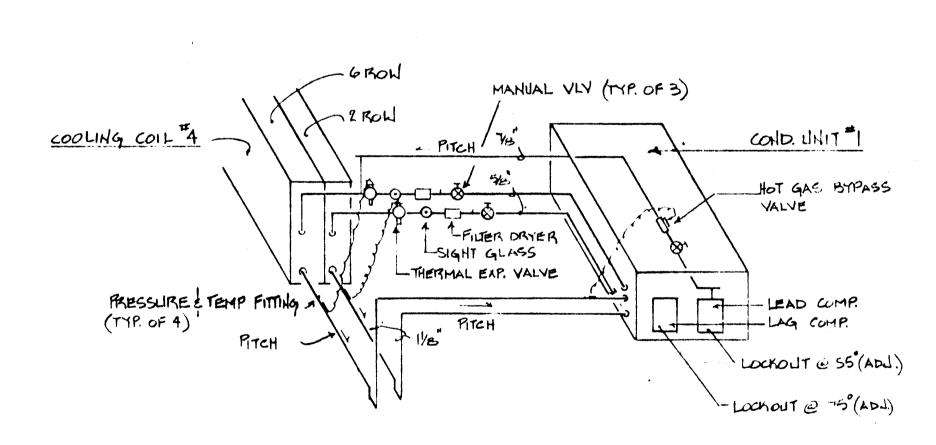
N.T.S. (HOT WATER REHEAT COILS AND CONVECTORS) SUPPLY WATER MUST ENTER LEAVING AIR SIDE OF COIL.

NOTE: CO-ORDINATE EXACT REQUIREMENTS WITH LAB EQUIP SUPPLIER

N.T.S.



## PORTABLE HOOD CONNECTION DETAIL



COOLING COIL # 4 PIPING DIAGRAM

mechanical details

SCALE: NONE

FAN CC	DIL UNIT SCHEDULE														
UNIT NUMBER		A	<u>(B)</u>	<u>©</u>	D	Ê	(F)	G	H			K	<u>(i</u>	M	H
MANUFACTURER		TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRAHE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE	TRANE
MODEL NUMBE	R	D26AL02	D26AL03	D26DL03	D26AL04	D26 DL04	D26AL06	D26DL06	D26AL08	D260L08	D24DL10	C340L04	B22 DL10	DZZALO4	C3DLIO
	TOTAL CFM	200	300	300	400	400	600	600	800	<b>ව</b> ටට	1000	400	1000	400	1000
	OUTSIDE AIR , CFM	<del></del>						SEE	PLANS -			40	N/A	N/A	NA
FAN	RPM, HIGH SPEED	1100	1100	1100	1075	1075	1075	1075	775	115	775	1075	775	1075	775
	MOTOR WATTS	85	85	85	75	75	90	90	140	140	170	75	170	75	170
	VOLTAGE/PHASE	115/14	115/14	115/14	115/14	115/14	115/14	115/14	115/14	115/14	115/14	115/14	115/14	115/14	115/14
	ENTERING AIR TEMP., DB/WB	75/63	75/63	75/63	75/63	75/63	75/63	75/63	75/63	75/63	15/63	75/63	80/67	80/67	84/67
COOLING	ENTERING WATER TEMP	45	45	45	45	45	45	45	45	45	45	45	45	45	45
COIL	CAPACITY, MBH, SENSIBLE/TOTAL	4.2/4.7	5.5/6.6	5.9/7.6	7.3/9.4	8.0/10.2	10/12.5	10.3/18.8	14.6/17.1	17.9/21.8	20.9/25.6	The same of the sa	23/33.9	11.4/8.9	237/33.3
COIL	FLOW RATE, GPM	1.0	1.4	1.5	1.9	2.1	2.6	2.9	3.5	4.4	5.2	2.1	4.9	7.3	6.8
	WATER FRICTION, FT.	0.7	2.5	4.5	2.9	5.2	8.3	10.5	8.7	3.2	3.7	5.2	8.9	4.9	5.9
	ENTERING AIR TEMP, DE	70	70	70	10	70	10	70	70	70	70	70	70	70	70
HEATING	ENTERING WATER TEMP.	180	180	180	180	150	180	180	180	180	180	180	180	180	180
•	CAPACITY, MIBH	5.0	9.0	9.0	12.0	12.0	14.0	14.0	24.0	24.0	32.0	12.0	38,0	12.0	32 0
COIL	FLOW RATE, GPM	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	0.5	1.5	0.5	1.0
	WATER FRICTION, FT.	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.75	0.75	0.75	0.4	1,4	1.0	0.15
	MODEL	HORIZ.	HORIZ.	HORIZ.	HORIZ	HORIZ.	HORIZ.	HORIZ.	HORIZ.	HORIZ.	HORIZ	HORIZ	VERT.	YERT	HORIZ.
CABINET	OUTLET	QUAD. DIFFUSER	OLAD. DIFFLISER	OLAD. DIFFUSER	COLAD	QUAD DIFFUSER	QUAD. DIFFUSER	GUAD. DIFFUSER	QUAD. DIFFUSER	OJAD. DIFFUSER	QUAD. DIFFLISER	DLKT COLLAR	DIFFUSER	QUAD DIFFUSER	DUCT COLLAIS
	INLET	BOTT. BACK	BOTTOM BACK	BOTTOM BACK	BOTTOM	BOTTOM BACK	BOTTOM	BOTTOM	BOTTOM	BOTTOM	BOTTOM	DUCT	TOF	TOE SPALE	DICT
RUNOUT PIPE	SUPPLY & RETURN CHILL/HOT-OD.	5/8-1/2	5/8- 1/2"	5/8"-1/2"	5/8"-12"	5/8"-1/2"	5/8-1/2"	3/8-12	1/8"- 1/2"	BACK 1/6"- 1/2"	16AC15	3/8'-1/2"	Y8 - 1/2"	5/8-12"	Ve-1/2
らはモラ	DRAIN	7/6	7/8"	7/8,"	7/8	VB"	7/8	76"	7/8"	7/8"	7/85	7/8"	7/8"	7/8'	7/=="
ACCESSORIES		C 2 3 4 5 -		Proceedings - Address the state time of the confederate state of Address (Address and Address and Addr		and the second distribution decreases the first open and the second decreases the second decr	enterior del Protesta de la compansa del compansa de la compansa de la compansa del compansa de la compansa del la compansa del la compansa de la compansa del la compansa de la compansa	Proc. 6, EF (EV.) Proc. Proc. (Management) in some abbutteria sector (1) in a proc. (1) in a pro	e destructurate de destructura de la companya de la companya de destructura de la companya del companya del companya de la companya del la companya de la co	Marker Street and I need to be a second of the species of the second of the secon	elección de la companya de la compa		Maride Medicine de la compania de l Compania de la compania de la compa		<b>&gt;</b>

<b>①</b>	BAKED	ENAMEL	FINISH
(2)	3-14AY	ENAMEL MIXING	VALVE

<sup>3 2-</sup>GATE VALVES

UNIT NUMBER		AHU-1	AHU-2	AHU-3	AHU-4
MANUFACTURER		TRANE	TRANE	TRANE	TRANE
MODEL NUMBER		# IOHOT			
SUMMER	OUTSIDE TEMPERATURE, DB/WB	94/11	94/11	94/77	94/80
DESIGN CONDITIONS	INSIDE TEMPERATURE, DB/WB	75/63	75/63	75/63	75/63
WINTER	OUTSIDE TEMPERATURE	15	15	15	15
DESIGN CONDITIONS	INSIDE TEMPERATURE	75	15	15	75
	TOTAL AIR THRU UNIT, CFM	4500	8255	12270	1650
	MINIMUM OUTSIDE AIR, CFM	4500	8255	12270	1650
FAN	OUTLET VELOCITY , FPM		designation and the relativistic state of the state of th		
AN	STATIC PRESSURE , IN. , EXT. /TOTAL	2.4/3.2	2.7/3.6	2.6/3.45	1.75/3.35
	HORSEPOWER, BRAKE/MOTOR	3.7/5.0	7.4/10.0	CONTROL OF	1.8/2.0
	VOLTAGE / PHASE	480/34	480/34	480/34	208/34
	TOTAL AIR THRU COIL, CFM	4500	8255	12270	1650
	ENTERING AIR TEMP., DB/WB	94/77	94/77	94/17	94/80
	LEAVING AIR TEMP., DB/WB	53/52.9	53/52.9	53/52.9	54.9/54.8
	CAPACITY, MBH, SENSIBLE/TOTAL	/372.7	1683.1	/1016.2	/151.7
COOLING	ENTERING WATER TEMP.	45	45	45	Turk tekning dari ora di selaha ara sa sebagaian panggaran panasahan sa sagaran sa sa sa sa sa sa sa sa sa sa Nagaran
COIL	FLOW RATE, GPM	74.5	136.7	203,2	
.	WATER FRICTION, FT.	7.6	11.9	14.1	-
	FACE VELOCITY, FPM	461	470	510	550
	AIR FRICTION, IN.	0.79	0.91	0.85	1.6
	TUBE ROWS / FINS PER INCH	8/132	8/127	8/129	8/135
	SUCTION TEMPERATURE	A THE RESERVE OF THE PARTY OF T	and the control of th	The second secon	* 42.8 = 43.7

<sup>\*</sup> CC-4 ISTORE CIRCUITED AS A TWO ROW & SIX ROW COILS, SEE DIAGRAM SHT M-10

				E RIMP S		and the second section of the second section of the second section is a second section of the section of		encentral representation of the second of th
DESIGNATION	MANUFACTURER & MODEL HO.	RECEIVER	CAPACITY (FT2 EDR)	DISCHARGE PRESS.	GPM	H.P.	1394	V/3
COHD, PIMFT	PACO LA 1070-5	30GAL.	15,000	20 PSI	22.5	2- 3/4	1750	49.0/3
COND. PUMP 2	PACO LA 1070-5	15 GAL,	10,000	20 PSI	15	2-1/2	1750	201/1
COND. PIMP3	PACO LA 1070-5	15 GAL	2,000	20PS1	3	2-1/2	1750	205/14

	門門	nt con ech	IEDULE	=					
DESIGNATION	MANUFACTURER	MODEL NO.	CFM	FACE VELOCITY	APD	мвн	EAT	LAT	NUMBER ROWS
PREHEAT COIL #1	WIHG	IFB-B-54	4540	442	.19	310	0	75	ı
PREHEAT	WIHG	IFB-C-72	8155	550	.27"	671.7	0	75	1
PREHEAT COIL #3	MING	IFB-E-72	12,270	466	.19	998.5	0	15	1
PREHEAT	MING	IFB-A-36	1650	351	.13	134.3	0	75	1
PREHEAT	MING	IFB-D-114	16965	<b>4</b> 9 <i>0</i>	.23	1104.4	0	60	ı

DESIGNATION	MAHUFACTURER	CFM	KW	EAT	LAT°	VOLT/\$	DUCT
DUCT HTR "I	ELECTRIC HEATERS, INC.	కా	5)	55	75	480/3	14/16
DUCT HTR "Z		15,90	8	55	75	480/3	18/12
DUCT HTIR 3		1050	٦	55	75	430/3	18/10
DUCT HTR 4		1650	12	55	75	48×1/3	20/17

	TERMINAL	ВОХ	ES		
DESIGNATION	MANUFACTURER	MODEL	SIZE	CFM	H.W.COIL
$\triangle$	BARBAIRE	HHPE	8"	505	N/A
(2)	BARBAIRE	HHPE	8"	675	N/A
3	BARBAIRE	HHPE	8"	840	N/A
<u>4</u>	BARBAIRE	RRPE	10''	720	N/A
<u> </u>	BARBAIRE	RRPE	10"	960	N/A
<u> (c)</u>	BARBAIRE	RRPE	10"	1200	N/A
, ?\	BAREAIRE	HHPE	7"	400	N/A
<u>/8\</u>	BARBAIRE	HHPW	8"	600	1 ROW, 1GPM 16.1 MBH@300
<u>(9)</u>	BARBAIRE	HHPE	8"	755	N/A

FAN SCHEDULE							
FAN NUMBER	EF-I	EF-2	EF-3	EF-4	EF-5	EF-6	VEHT #1
MANUFACTURER	COOK	COOK	100K	KEWAUNEE	COOK	COOK	cook
MODEL NUMBER	CKS445	CKS445	CKS 445	20330208	120R4B	24PIB	120CFS
CFM	21765	21765	25245	1075	1650	1932	2606
STATIC PRESSURE, IN.	3	3	2	l	3/8	YES"	1/2"
FAN RPM	660	660	625	2008	1715	GA5	1874
MOTOR HP	15	15	15	3/4	1/3)	1/6	3/4
VOLTAGE	480	480	480	480	120	120	480
PHASE	3	3	3	3	1		3
MOUNTING	PAD	PAD	PAD	ROOF	BOOF	WALL	BOOF
DRIVE	BELT	BELT	BELT	BELT	BELT	BELT	BELT
ACCESSORIES	0369	0300	03	3890	(I)3)	34	34
INTERLOCK WITH	FUME HOODS	FUME HOODS			АН ⊔ <sup>#</sup> 4		

1 INLET VANES W/EISENHEISS COATING (B) FLANGED INLET ADMITER (MEWANEE \*203440) (G) STACK HEAD (KEWANEE \*203400-S) (D) WEATHER COVER & VIB ISOL

		FILTER SCH	ELL E		
FILTER NO.	SYSTEM	MANUFACTURER AND MODEL	QUANITY AND SIZE	Housing	EFFICIENCY
#1	AHU #	4"FARR 30/30 FARIS RIGATIO 100	2-24"x24" = 2-12"x24" 2-24" x 24" = 2-12"x 24"	FARR 3P GLIDEPACK	50% 85%
<b>#</b> 2	AH 1 "2	4"FARR 30/30 FARR RIGA FLO 100	3-24'x 24" = 3-12"x 24" 3-24"		30% 85%
<b>*</b> 3	AHLI #3	4"FARR 30/30 FARR RIGA FLOICO	G-24"x24" G-24" x 24"		30% 85%
<b>#</b> 4	AHU#4	4"FARR 30/30 FARR KIGA FLO 100	1- 24"x 24"		30 % 85 %
<b>#</b> 5	HOOD SUPPLY	4"FARR 30/30 FARR BIG FLO 100	15-24"x24"		30% 85%

@ EISENHEISS COATING

EQUIPMENT SCHEDULE

CHILLERS 1 & 2 :

1) BACKDRAFT DAMPER

(2) MANUAL STARTER 3 MAGNETIC STARTER

THERMOSTAT (5) FIRESTAT

> TRANE CVHE-25F-AA-2F-2371CE-13DA, 250 TONS, 155KW, 0.620 KW/TON MAX. 1410 LRA, 214 RLA, 480V/3 PHASE. EVAP: 45 LWT, 52 EWT, 857 GPM @ 27.8'WPD, .0005 FOULING FACTOR COND: 85 EWT, 94.5 LWT, 750 GPM @ 19.1'WPD, .0005 FOULING FACTOR

CHILLED WATER PUMPS 1 & 2; PACIFIC PUMP CO. TYPE KP, MODEL 6012, 1700 GPM @ 120'TDH, 1750 RPM 75 HP, 480V/3 PHASE

HOT WATER PUMPS 1 & 2;

PACIFIC PUMP CO. MODEL 1595-7, 100 GPM, @ 90' TDH, 1750 RPM, 5 HP, 480V/3 PHASE

HEAT EXCHANGER;

TRANTER SUPERCHANGER UX-496-HP-126 1000 GPM CHILLED WATER, 56 EWT, 50 LWT,15.9' WPD. 1500 GPM COND. WATER, 47 EWT,

51 LWT, 34' WPD.

HOT WATER CONVERTER 1 @ 2; TACO G6214S, 100 GPM, 140 EWT, 180 LWT, 10 PSI STEAM, 7.3' WPD.

CONDENSING UNIT 1;

TRANE RAUC-C12-4-A, 151.7 MBH, 100 AMBIENT, MATCH W/CC-4, 16.73 KW @ ARI, 480V/3 PHASE PROVIDE HOT GAS BYPASS

UNIT HTRS. 1,2 & 3;

REZNOR MODEL XL-60, 60 MBH INPUT 46.8 MBH OUTPUT, 680 CFM, 1/50 HP, 120V/1 PHASE

SUPPLY FANS 1 & 2;

JOY VANEAXIAL SERIES 1000, MODEL 36-26-1770, 16965 CFM, 5" SP, 5.2" TP, 20 HP, 480V/3 PHASE PROVIDE INLET BELL WITH SCREEN

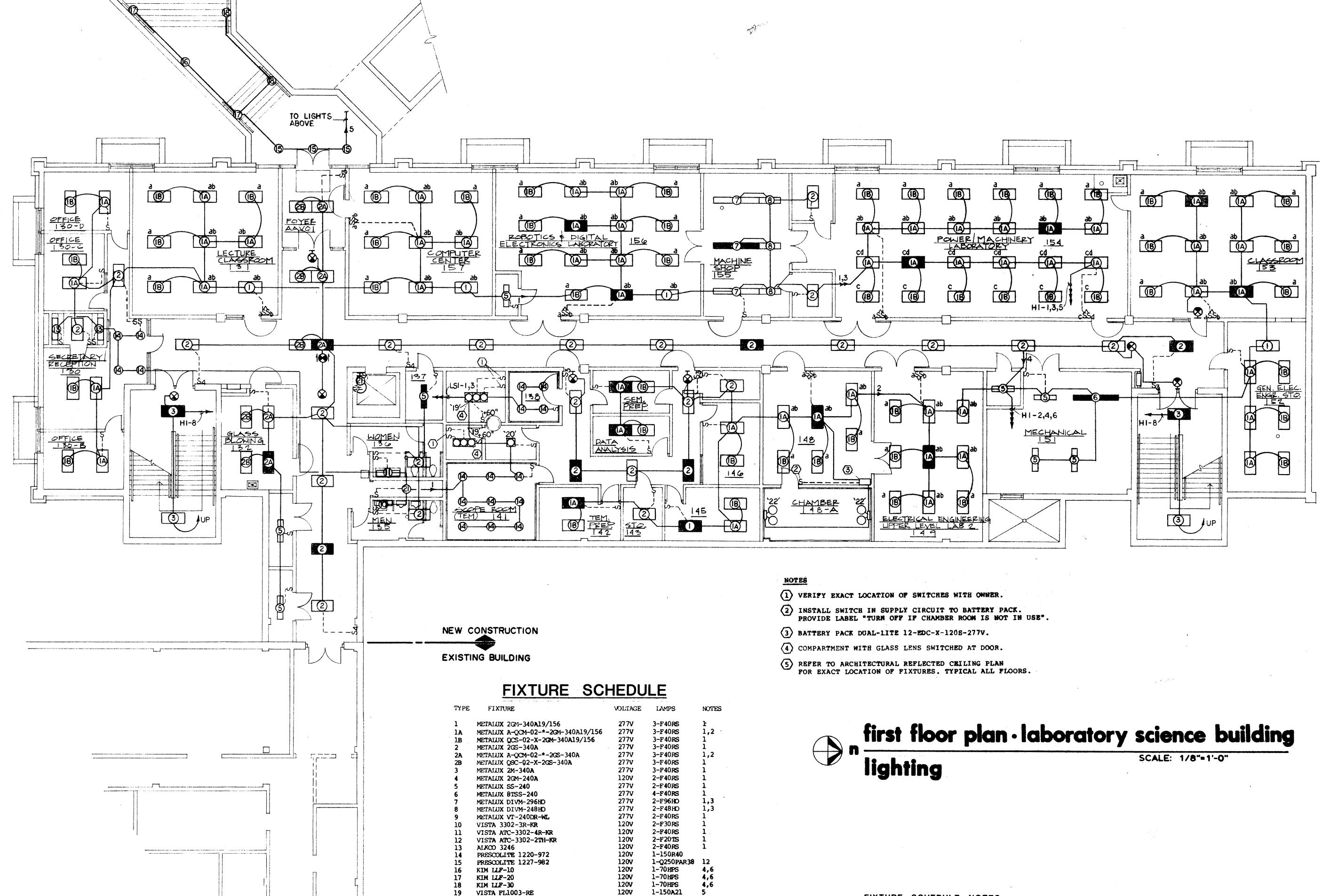
HOT WATER CONVECTOR;

TRANE TYPE "20 S", 2 ROWS, 1 1/4" PIPE, 2 1/2" X 5 1/4" FINS, 180 EWT, 1900 BTU/FT, ELEMENT 4' LONG.

equipment schedule

<sup>(4</sup> STRAINER

<sup>3</sup> FLOW CONTROL



2-15A15 1-15A15

1-100A21

3-F40RS

6-F40RS

1-75R30

2-F40RS

1-75R30

BY MFGR

4-F40RS

1-100A19

2-25 HALOGEN 11

1-Q250PAR38 3,7,12

1,2,8

120V

277V

2777

120V

277V

277V

120V

12V

VISTA FL1001-RE

DUAL-LITE REMP/2

PL1-24SP-\* LENS

PL1-24SP-\* LENS

METAIUX CR-240A

PRESCOLITE T103

LPI CR24G87R440

PRESCOLITE WB-2

WIDELITE PAX-W-G-\*

PRESCOLITE 1158-985

PRESCOLITE 1271-750

SAME AS 1A EXCEPT WITH PARA-LITE

SAME AS 1B EXCEPT WITH PARA-LITE

LINEAR C9210

LINEAR C9212

P&S 44

AF 32526

### FIXTURE SCHEDULE NOTES

- 1. ENERGY SAVING BALLAST GENERAL ELECTRIC WMI OR ADVANCE MARK III OR EQUAL WITH GENERAL ELECTRIC WMI LAMPS OR EQUAL.
- 2. LENGTH OF FLEX AS REQUIRED.
  3. 10'-0" MOUNTING HIGH.
- 4. FINISH TO BE SPECIFIED BY ARCHITECT.
  5. FILTER TYPES TO BE SPECIFIED BY OWNER.
- 5. FILTER TYPES TO BE SPECIF 6. MOUNTED 21" ABOVE STAIR.
- 7. BRONZOTIC FINISH.
  8. FINISH OF LENS TO BE SPECIFIED BY ARCHITECT.
- 9. WITH TWO SINGLE CIRCUIT, 12' TRACK SECTIONS PRESCOLITE TS 12
  10. SINGLE OR DOUBLE FACE, ARROWS AND MOUNTING AS SHOWN ON PLANS.
  11. WITH BATTERY PACK DUAL-LITE 12-EDC-X-120S-277V (LOCATED RENOTELY).
- 12. SUITABLE FOR DAMP LOCATION.
  13. FIXTURES IN STEAM TUNNEL AND CHASE WITH WIRE GUARD.

COMM. NO. 10186

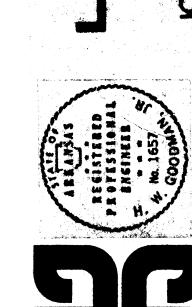
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DATE: 8/23/86

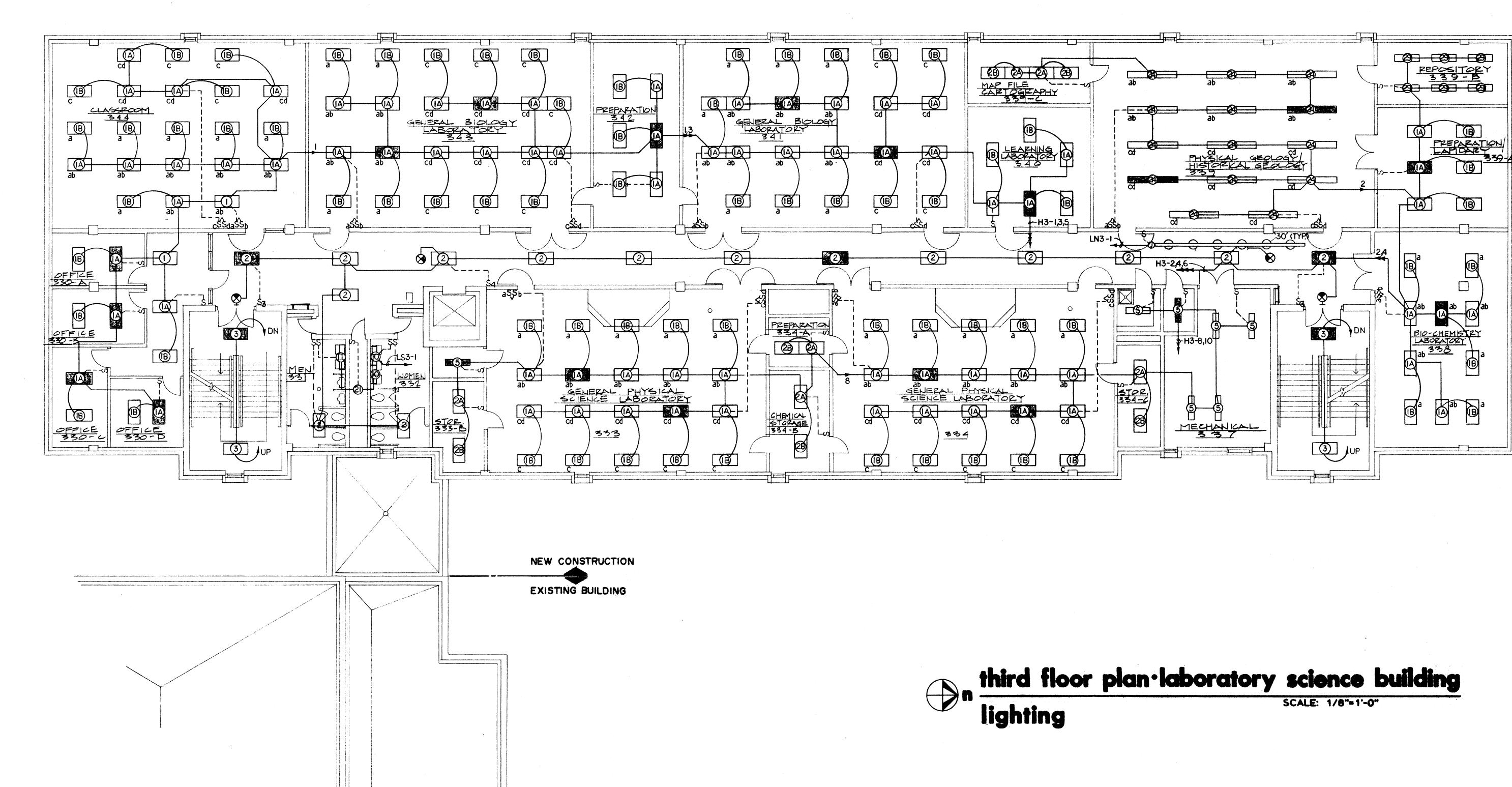
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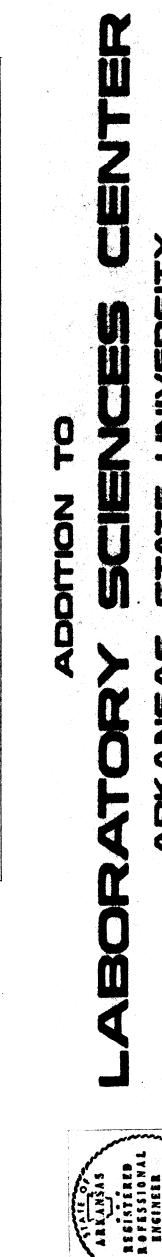
EGINTERED PESSIONAL ENGINEER NO. 1657 GOODWPY





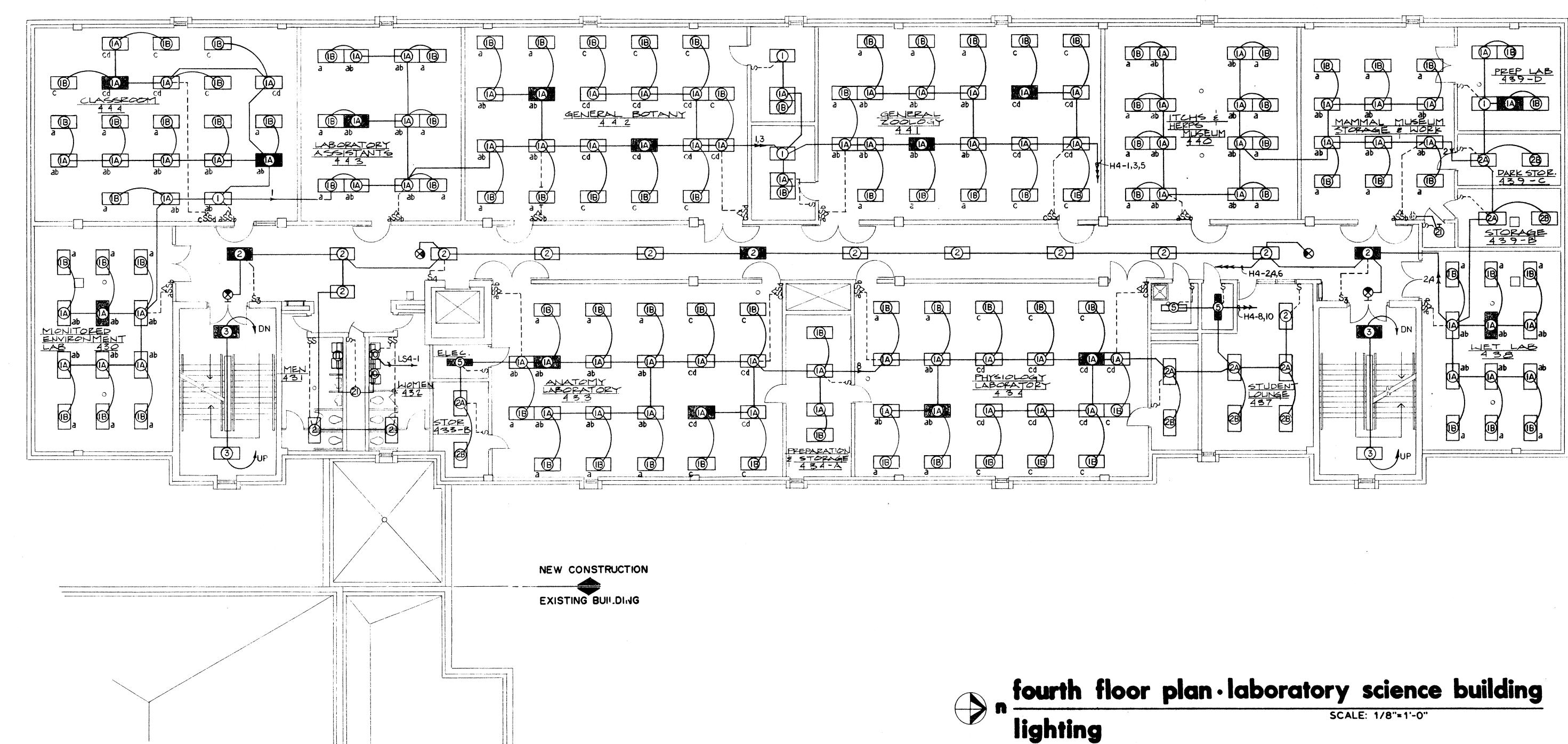


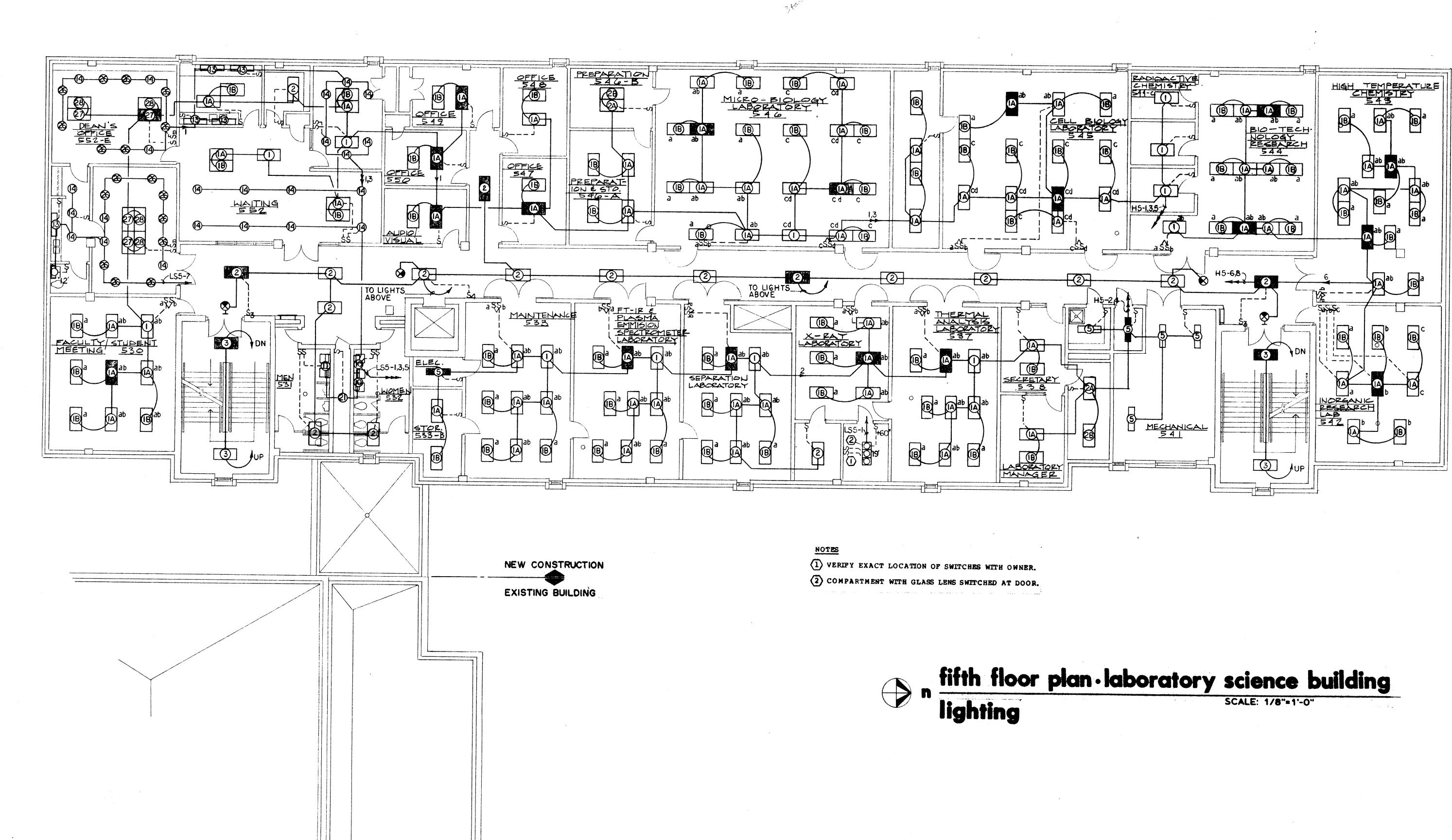




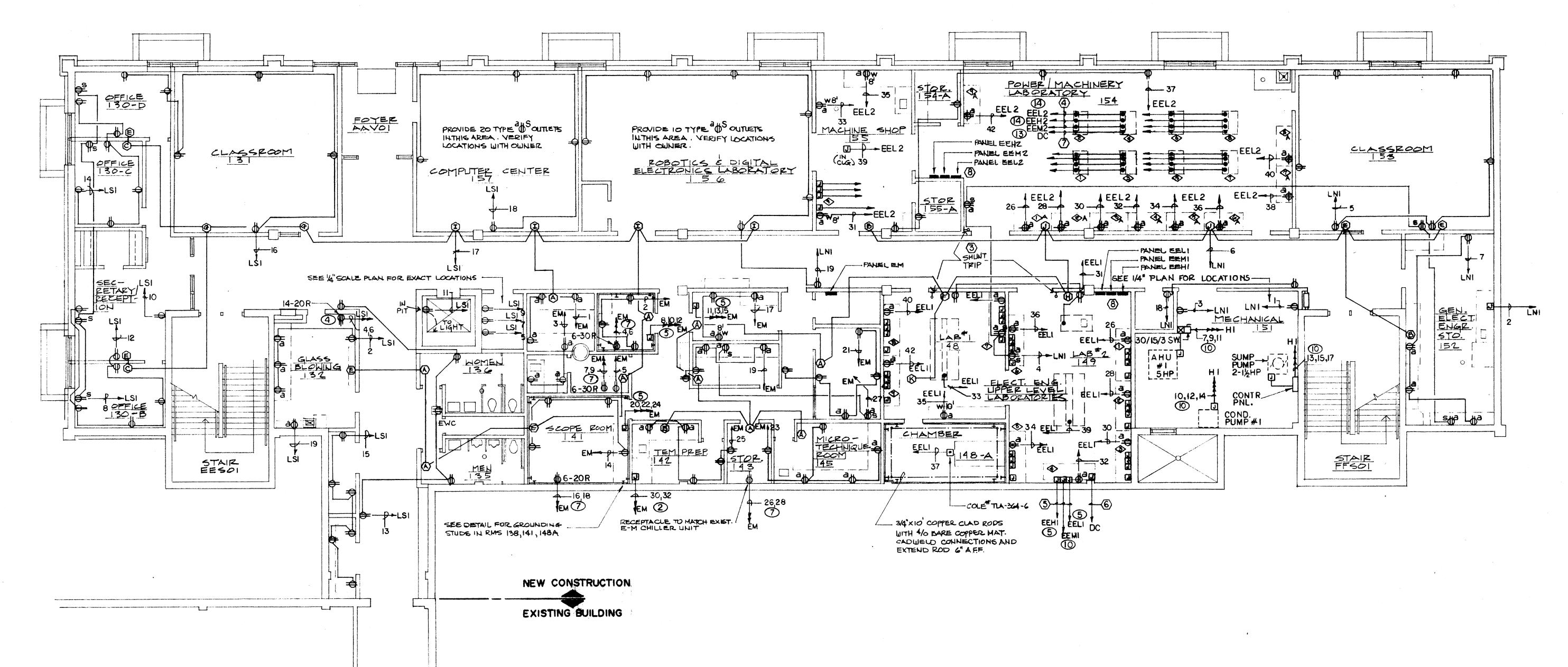








COLUCTE DO CONTROLL OF STATES OF STA



PANEL UNI PANEL HI

SWITCHBOARD MSB-LS

GROUND PANEL 41

DIST.

MAIN



## first floor plan · laboratory science building SCALE: 1/8"=1'-0"

power

PROVIDE NAME PLATES "FOR COMPUTER ONLY - LN1-4" FOR RECEPTACLES WITH SPIKE SUPPRESSION IN ROOMS # 148, 149, 154, 155, 156.

COIL AND TAPE 3' ADDITIONAL WIRE AT EACH CONDUIT COUPLING IN FLOOR FOR LATER CONNECTION TO LAB EQUIPMENT. ALLOW 1' ADDITIONAL LENGTH AT EACH JUNCTION BOX. TYPICAL ALL FLOORS.

PROVIDE AND INSTALL 2" RED MUSHROOM HEAD BUTTON FOR SHUET TRIPS.
INSTALL RED ENGRAVED NAMEPLATE WITH 1" HIGH LETTERS "EMERGENCY DISCONNECT" AT EACH BUTTON.

TYPICAL OF 4. PULL 2-3 CIRCUITS IN EACH CONDUIT EXCEPT TABLE 9. EACH BENCH TO BE ON SEPARATE CIRCUIT. SEE LAB OUTLET DETAIL.

5 TYPICAL OF 9. PULL SEPARATE CIRCUIT TO EACH TABLE. SEE LAB OUTLET

TYPICAL OF 9. RUN EMPTY 3/4" CONDUIT ABOVE CEILING TO AREA ABOVE PANELS FOR FUTURE CONNECTION OF DC IN THIS ROOM.

- 7 TYPICAL OF 5. RUN 3/4" EMPTY CONDUIT IN SLAB AND TURN UP AT PANEL FOR PUTURE CONNECTION OF DC IN THIS ROOM.
- 8 SUSPEND TRANSFORMERS ON CHANNEL TRAPEZE HANGERS ABOVE CEILING AT
- PROVIDE MATCHING CORD CAP WITH EACH 208V AND 480V RECEPTACLE SHOWN TYPICAL ALL FLOORS.
- HOUNT DISCONNECT SWITCHES ON WALLS OR ON SEPARATE SUPPORT IF LOCATED AT EQUIPMENT.
- ALL CIRCUITS (EXCEPT LIGHTING) ARE 3/4" WITH 3-412 THEN UNLESS NOTED. TYPICAL ALL FLOORS.
- SEE MECHANICAL DRAWINGS FOR LOCATIONS OF FAN/COIL UNIT SPEED SWITCHES AND THERMOSTATS. SEE DET. 11 SHT. E-25. TYPICAL ALL FLOORS.
- USE \$10 WIRE ON ALL PAN/COIL UNIT CIRCUITS. TYPICAL ALL FLOORS.



TRANSFORMER THI -TRANSFORMER TEM -4" PVC EMPTY LOOP TO OLD TUNNEL ENDS RM #151

6" CONCRETE PAD ----

## ELECTRICAL ROOMS DETAIL SCALE: 1/4" - 1' -0"

TRANSFORMER TSI-

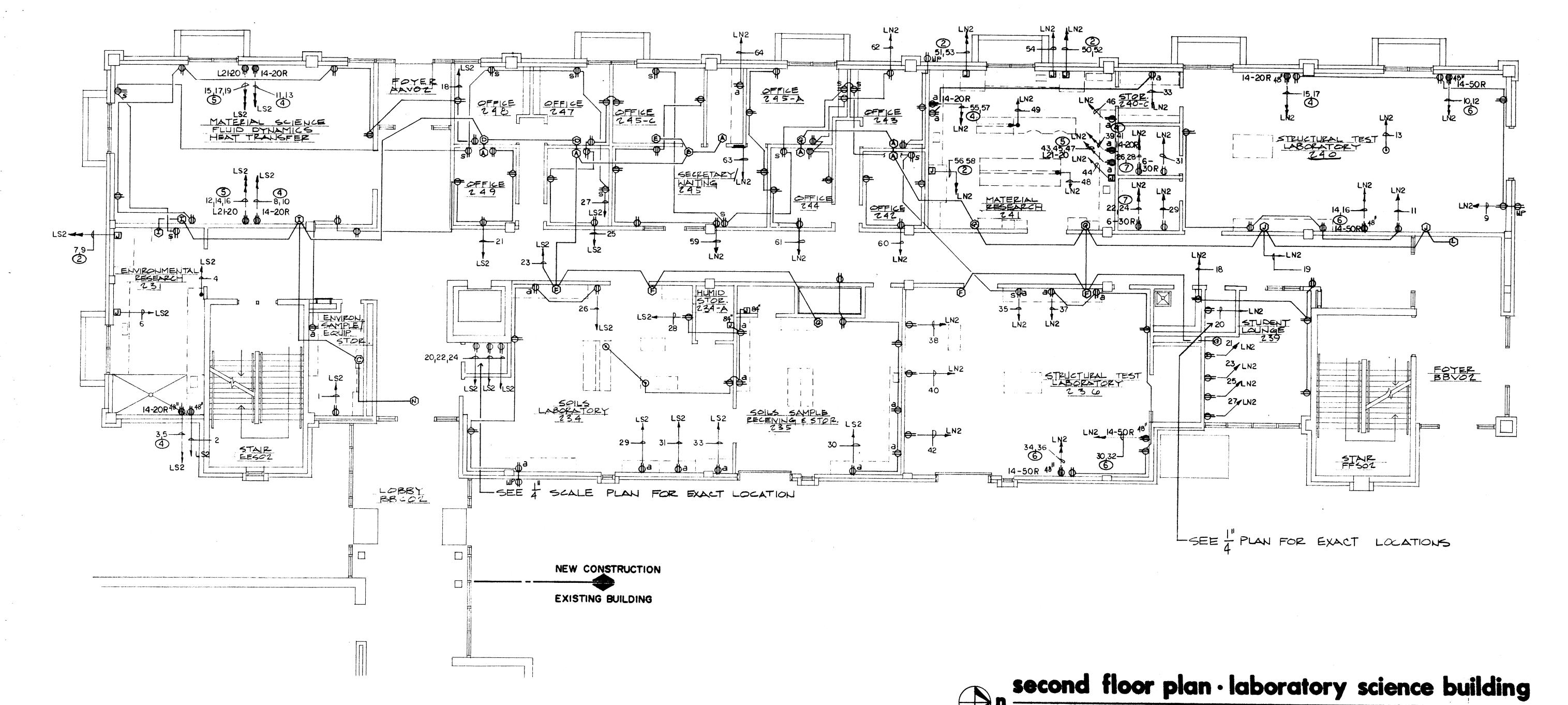
TVI PANEL-

PHONE, TV, AND COMPUTER -CABLES FROM OUD THINEL

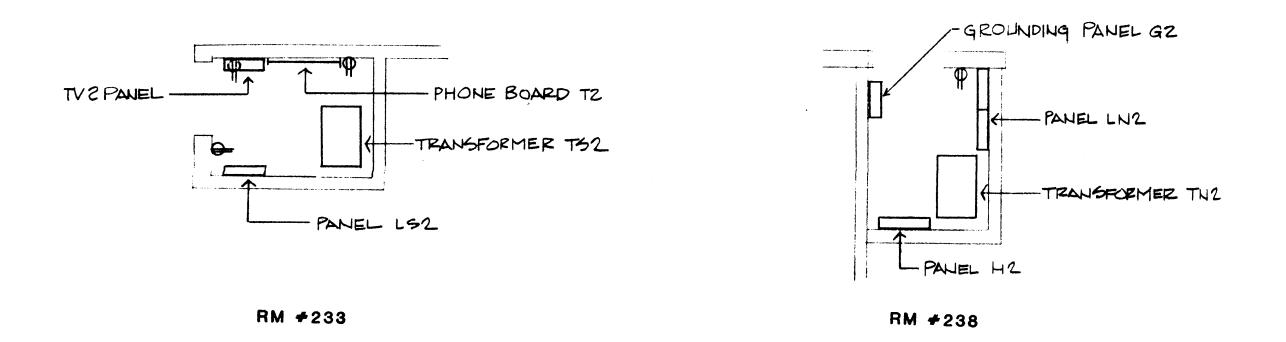
4"PVC-

RM #137

PHONE BOARD TI -

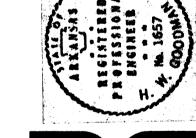


power



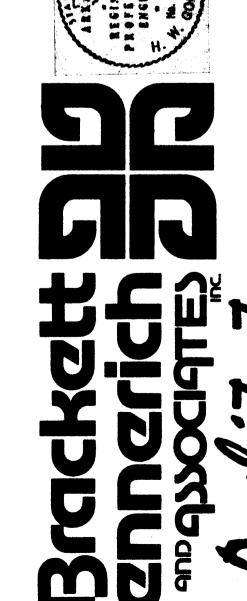
# ELECTRICAL ROOMS DETAIL SCALE: 1/4"-1'-0"

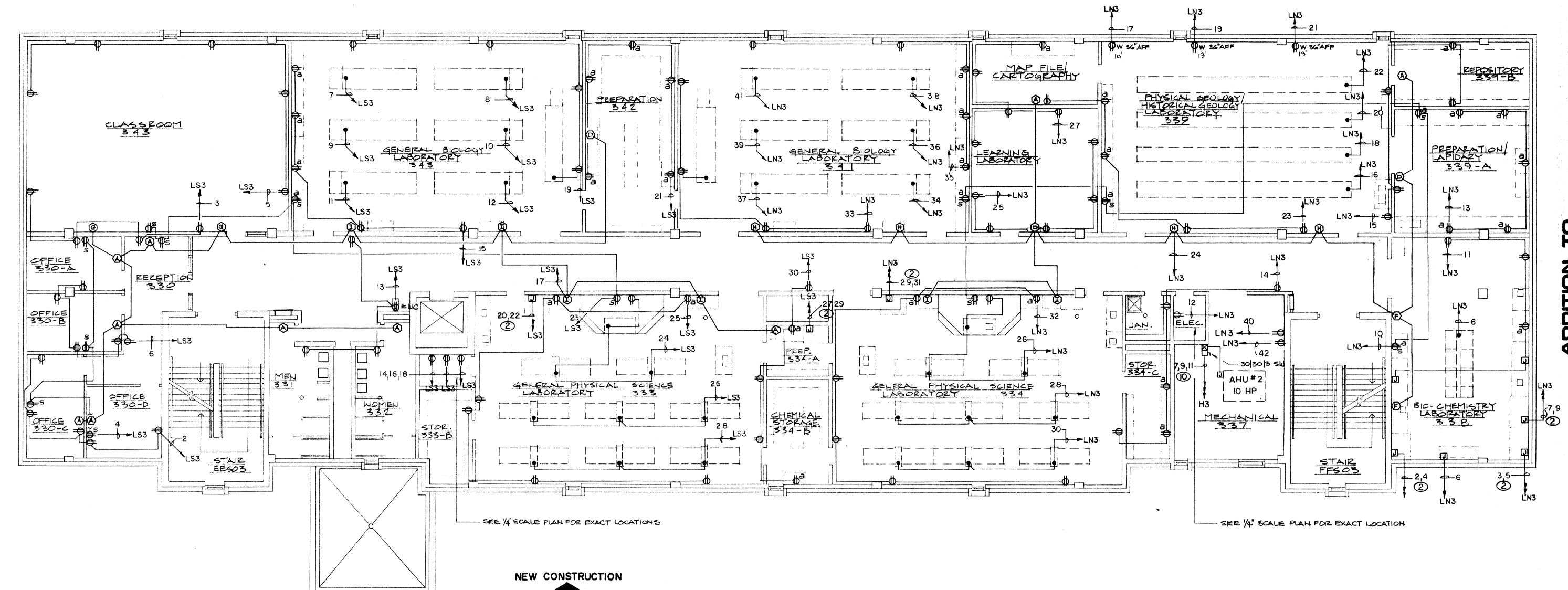




third floor plan-laboratory science building

power





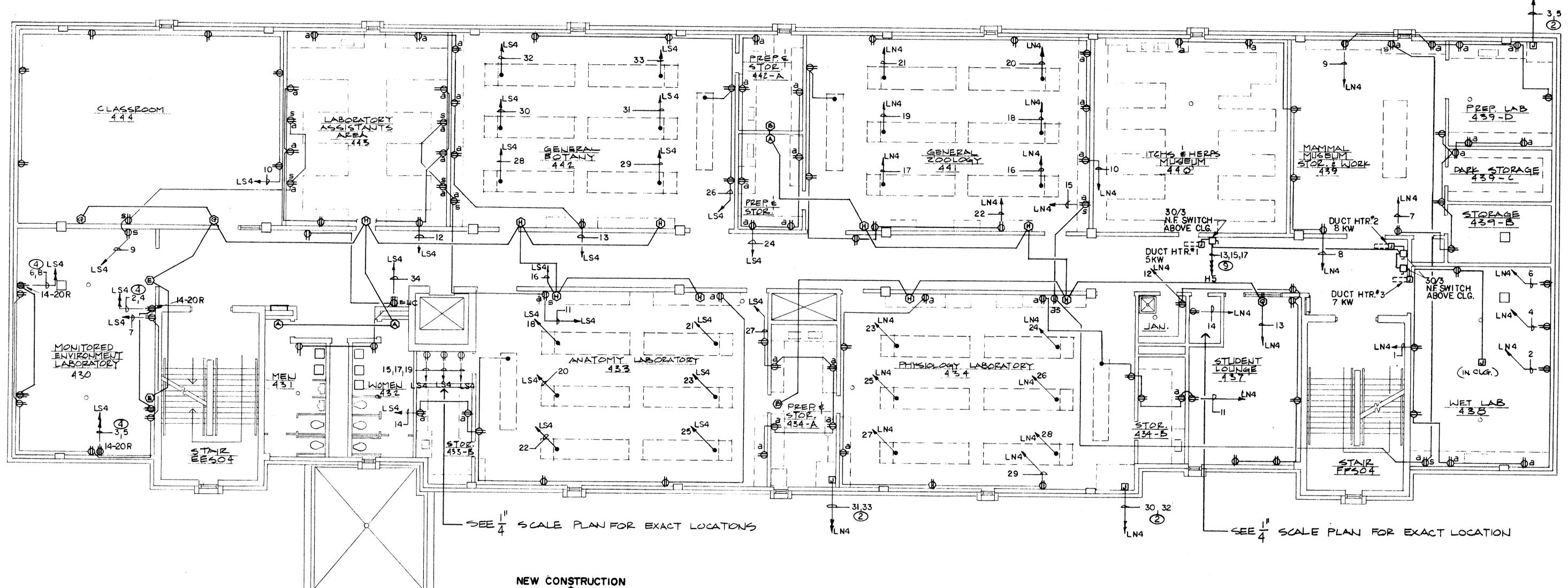


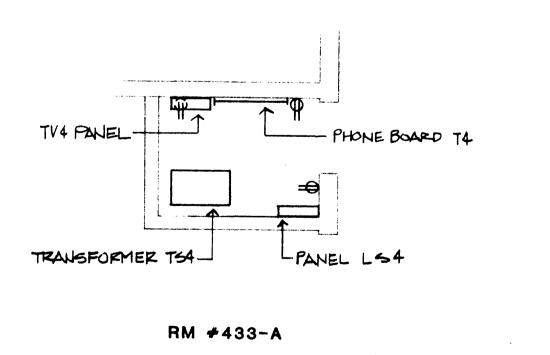
EXISTING BUILDING

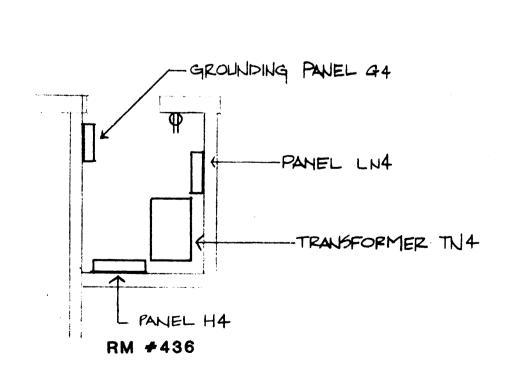
ELECTRICAL ROOMS DETAIL
SCALE: 1/4"-1'-0"



Brackett 5000 and another 5000 and anoth



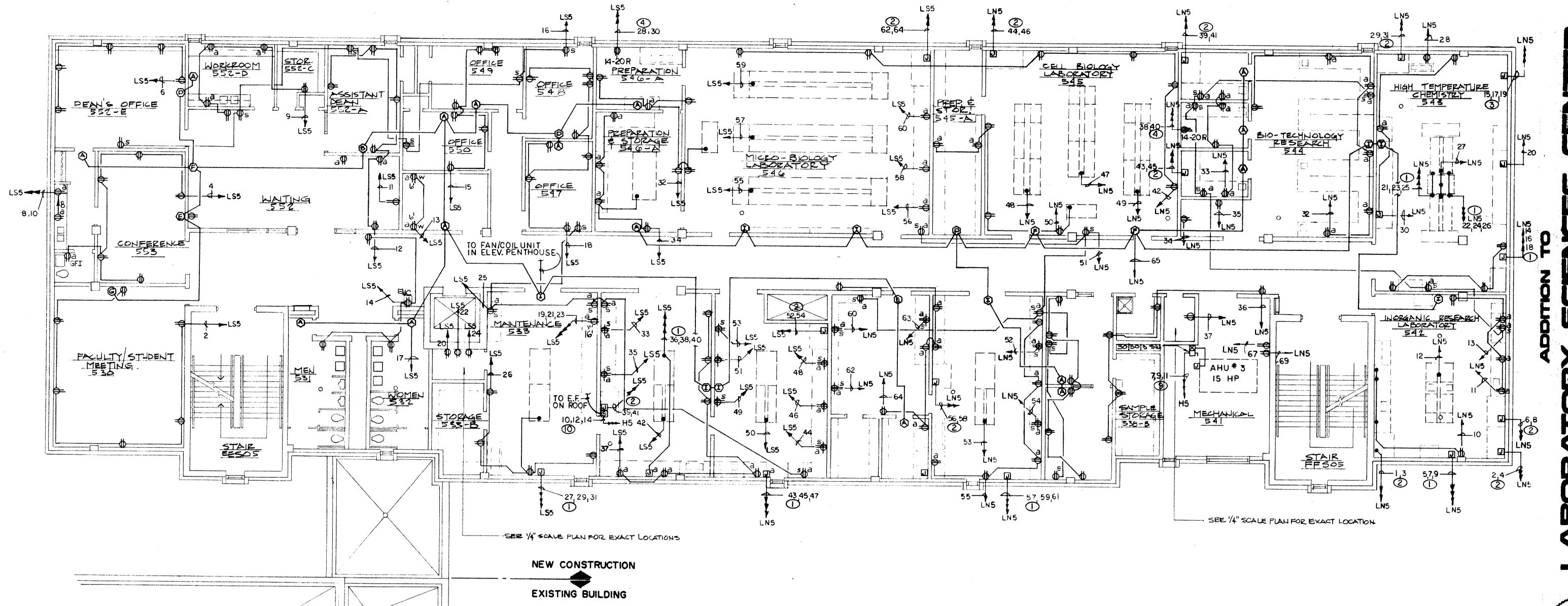


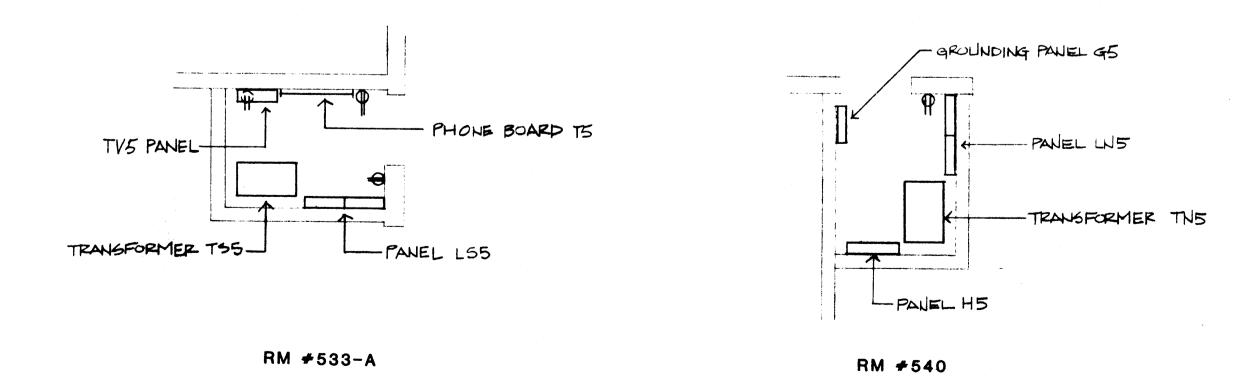


EXISTING BUILDING

n fourth floor plan-laboratory science building power

ELECTRICAL ROOMS DETAIL
SCALE: 1/4"-1'-0"





ELECTRICAL ROOMS DETAIL SCALE: 1/4" - 1 -0"

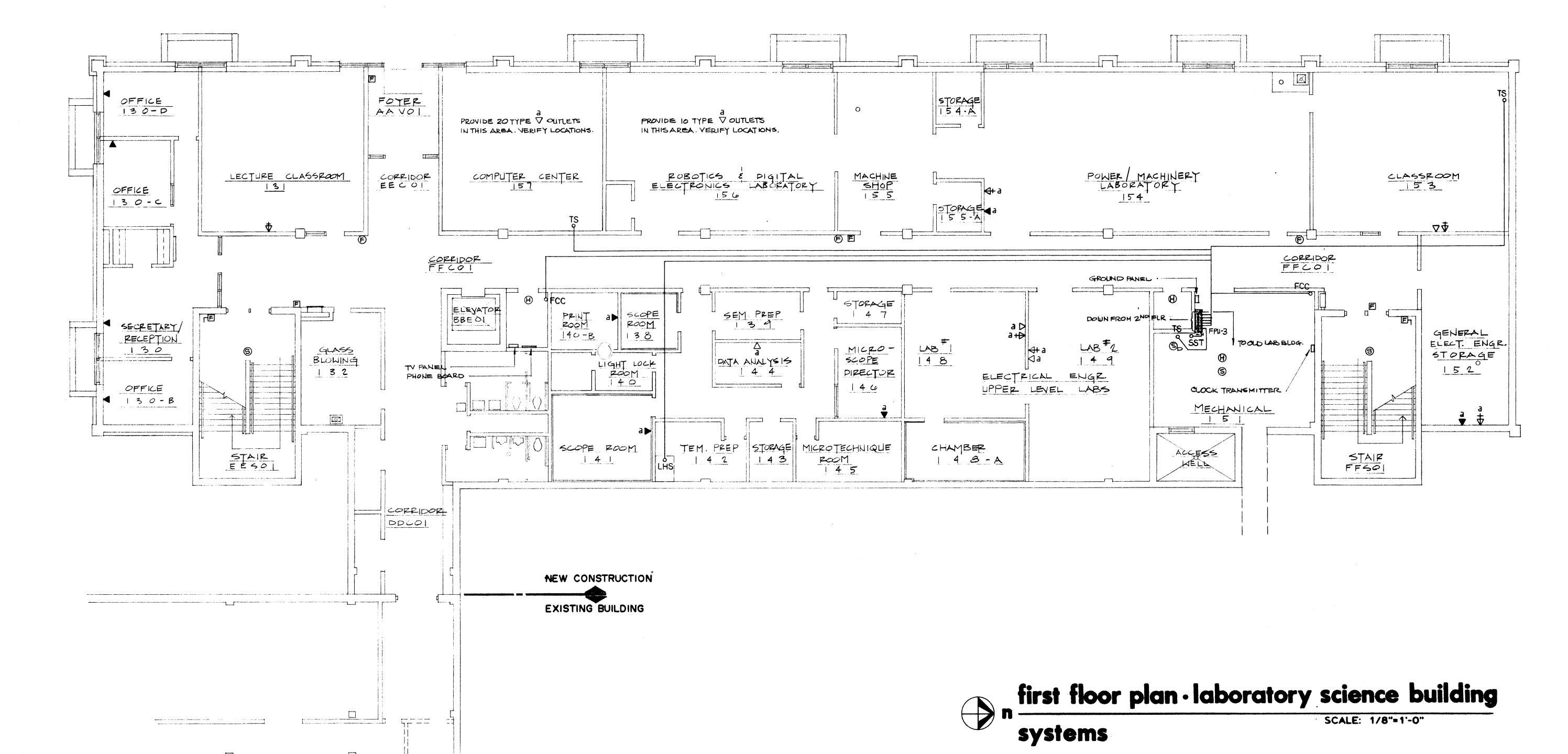


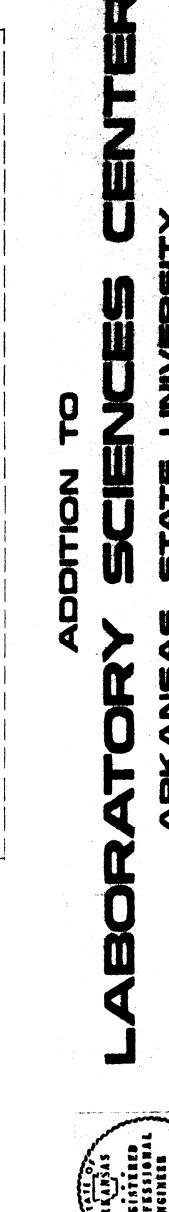
n fifth floor plan-laboratory science building power

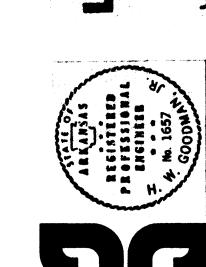


ARKANSAS





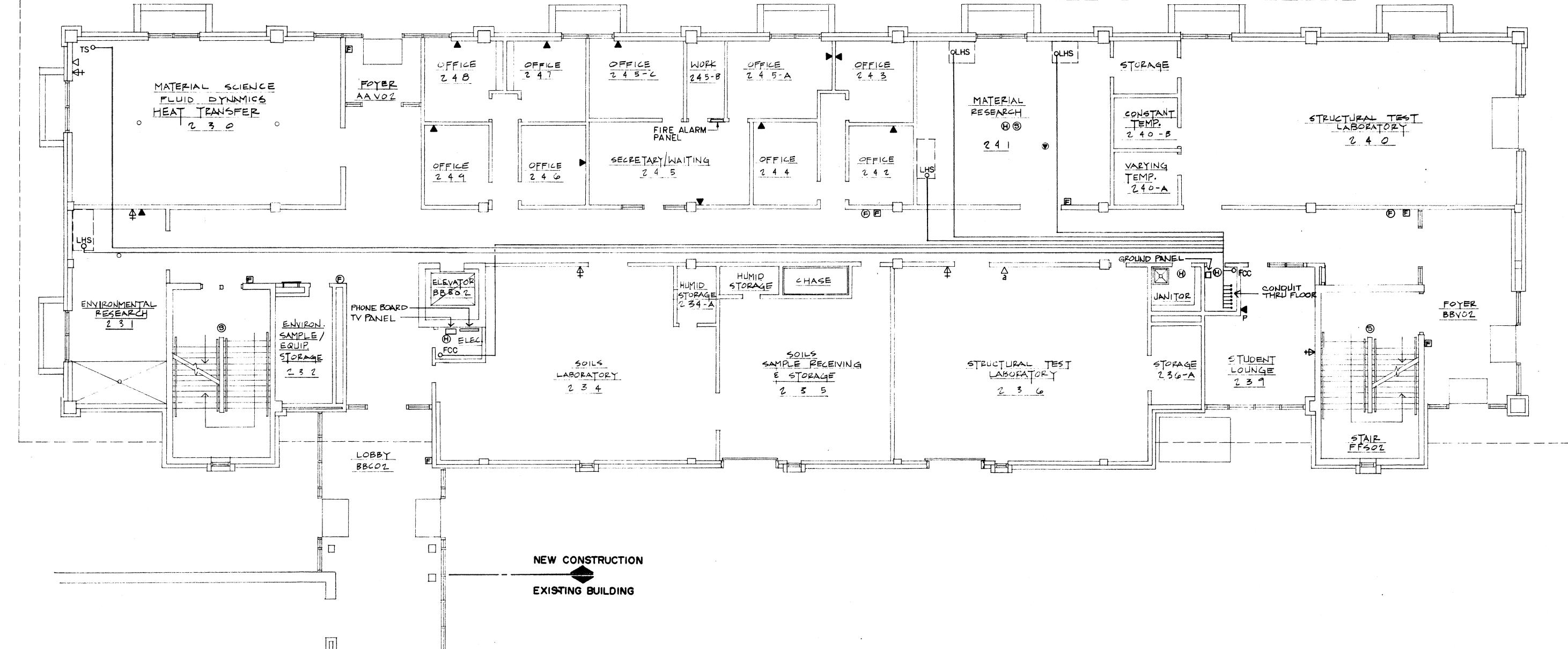




second floor plan · laboratory science building

systems



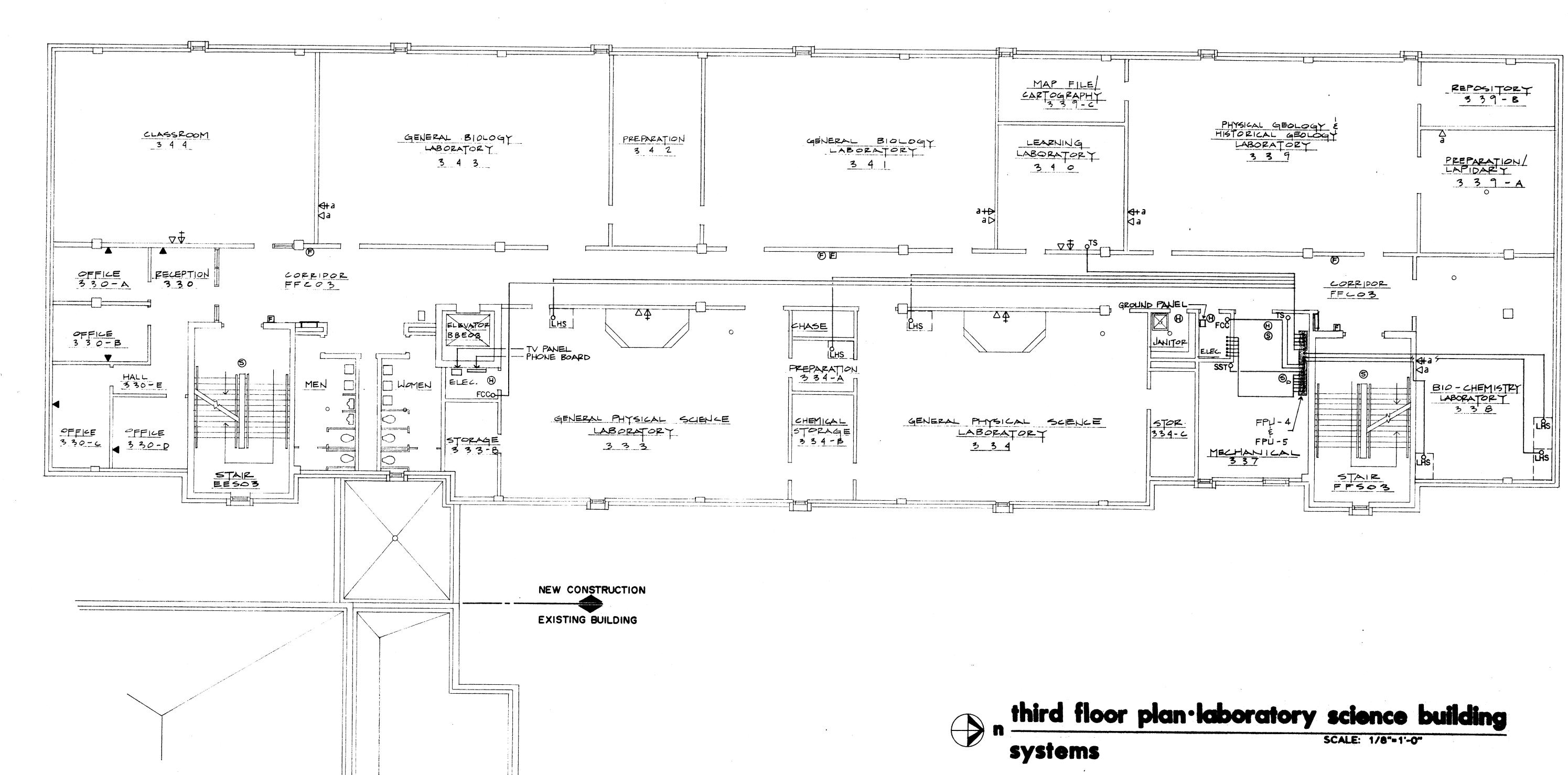


ARKANSAS

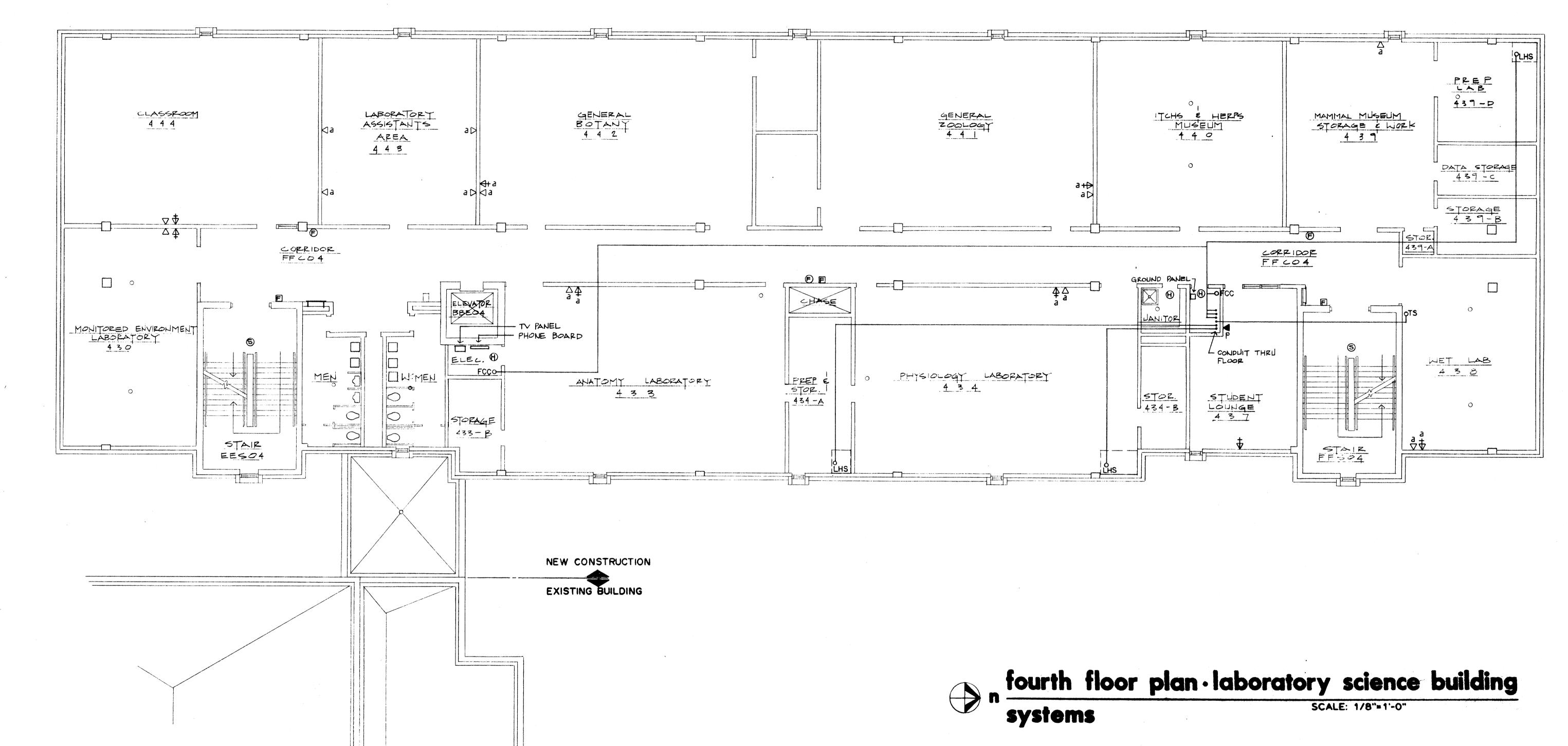


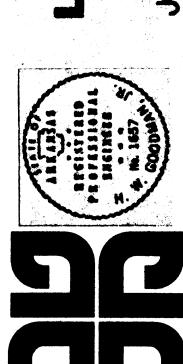




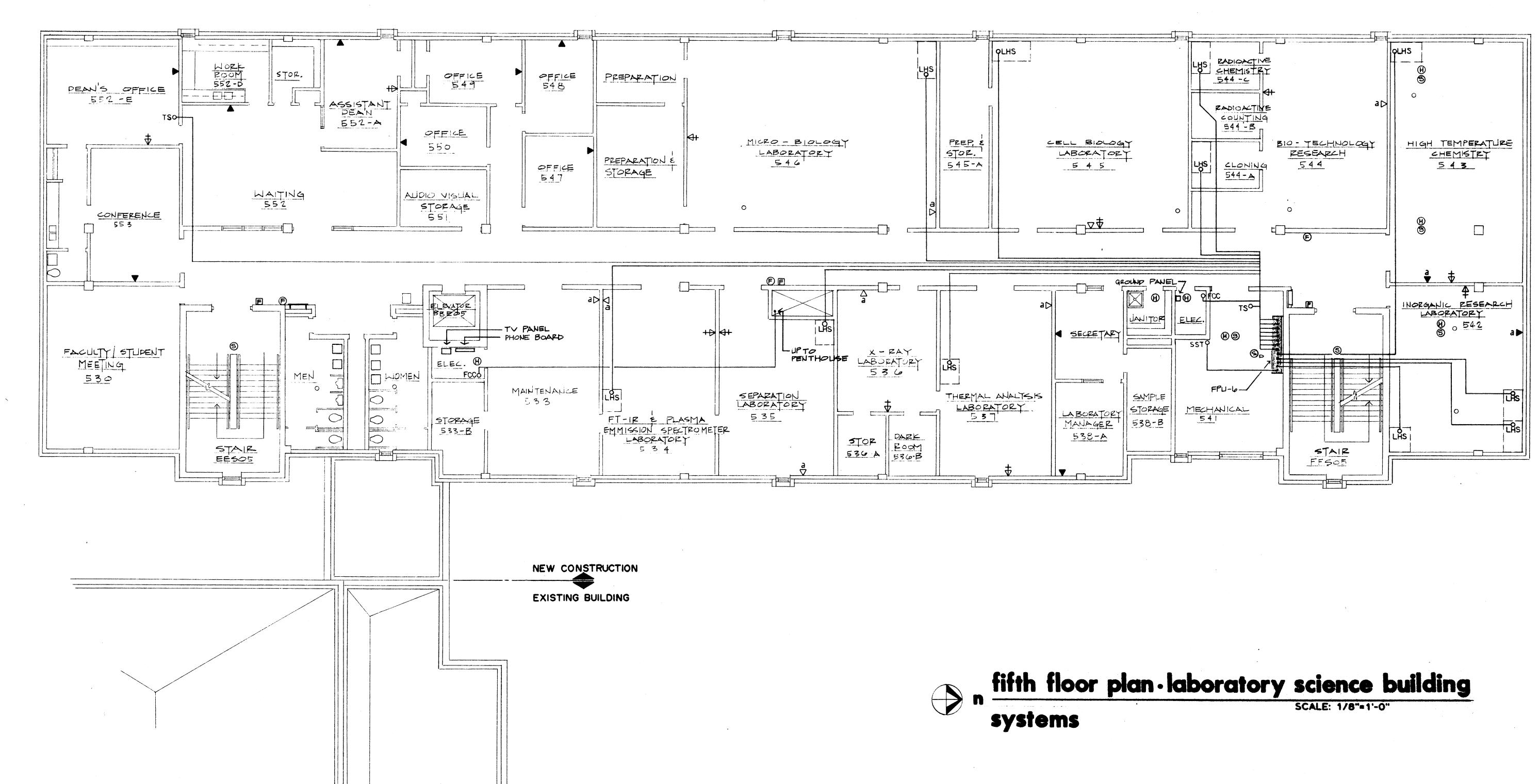












COMMING, 40166

EE - JES

DATE: 6/83/88



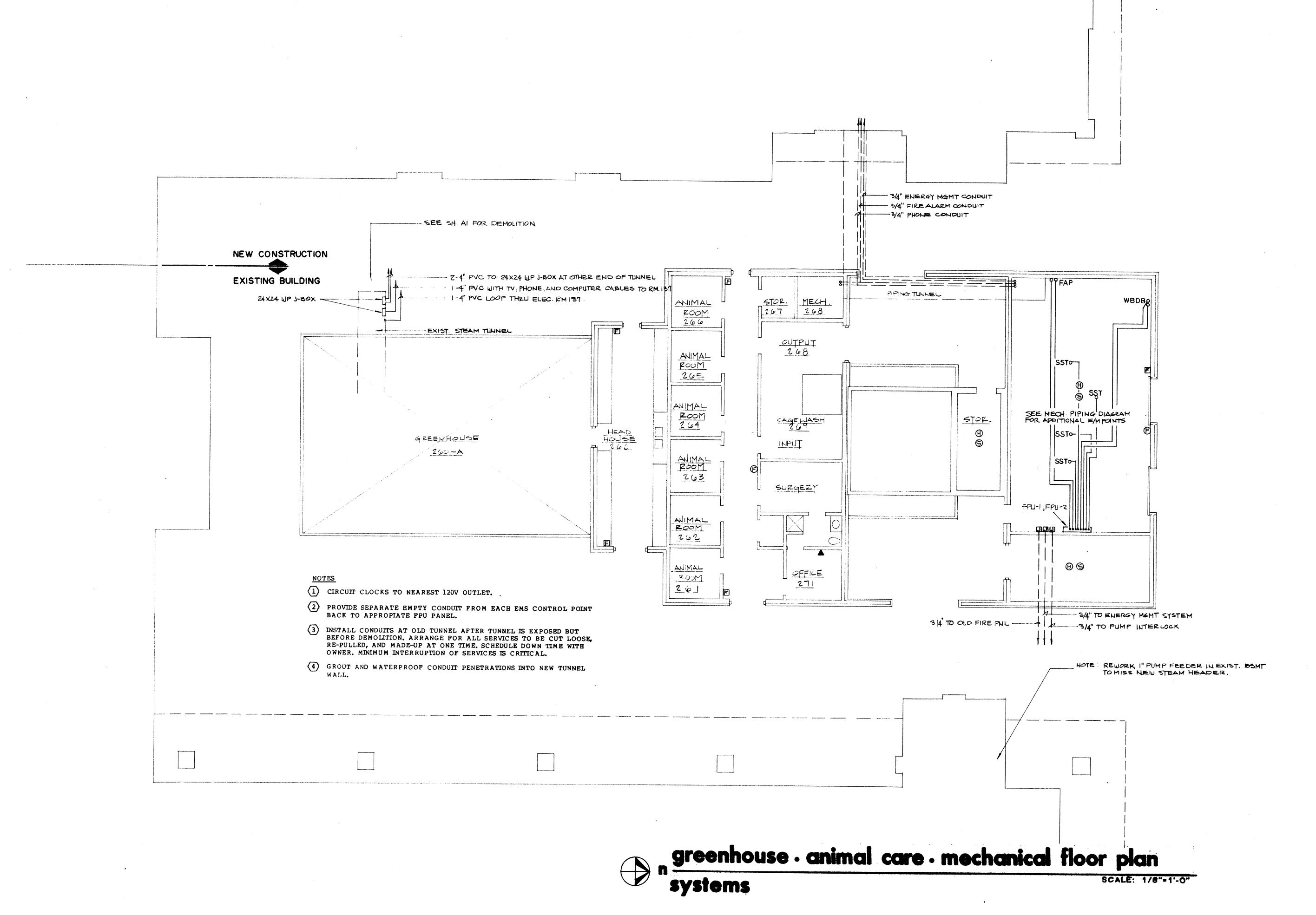
COMM. NO. 10186

**E-17** 

DATE: 6/23/86



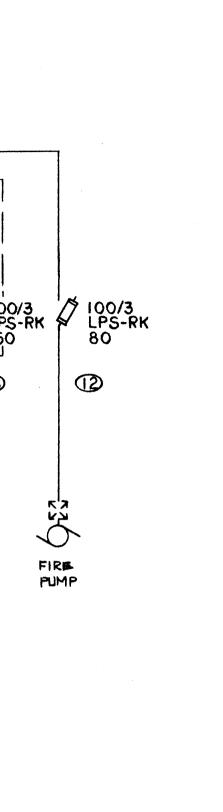




COMM. NO. 10186

DATE: 6/23/86





## EQUIPMENT SCHEDULE

TRANSFORMERS

480V△/208Y-120V, 150 C. RISE, 6-2.5% TAPS, 2 ABOVE, 4 BELOW, SQUARE D SORGEL OR EQUAL.

Z ABOV	E, 4 D	ELUM,	SQUARE	D SORE	EL OR	EQUA
TN1	30	KVA	•			
TS1	45	KVA				
TN2	112.5	KVA	•			
TS2	45	KVA	•			
TN3	75	KVA				
TS3	45	KVA				
TN4	45	KVA				
TS4	45	KVA				
TN5	112.5	KVA				
TS5	75	KVA				
TEM	45	KVA				
TLl	75	KVA				
TL2	75	KVA				
TEQ	75	KVA				
TM1	45	KVA	480v△/	/240V△	, 3Ø	, 3W
TM2	45	KVA	480V A			

PHOTOCELL P TORK MODEL 5420, 120V SPDT, TYPE III

RAINTITE ENCLOSURE

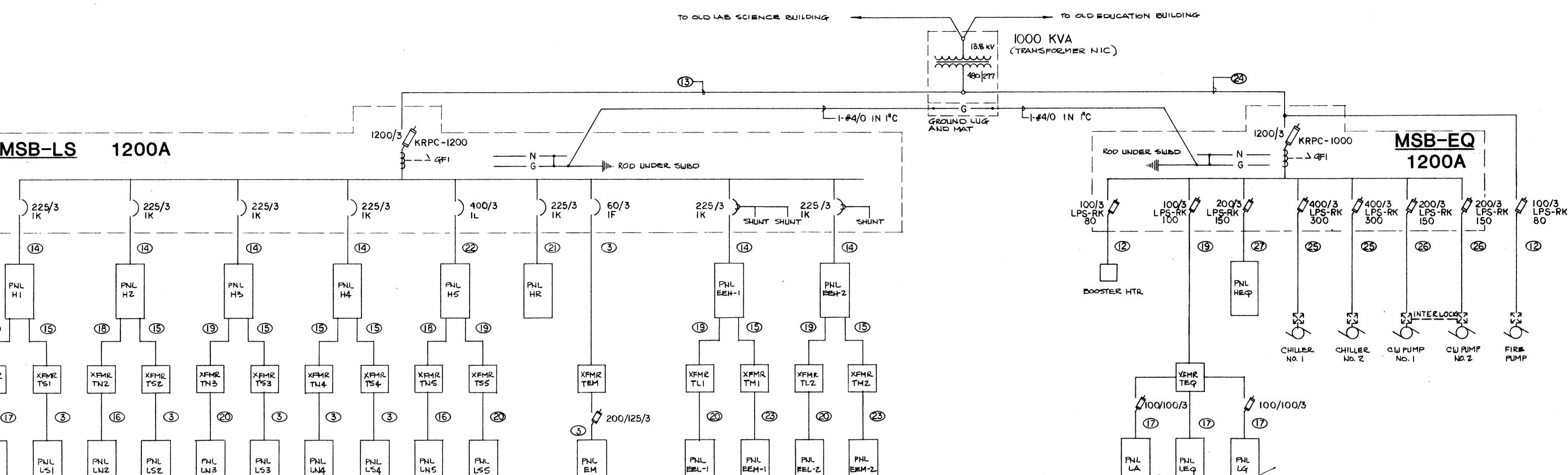
DIMMER S

PRESCOLITE DS15A, 120V 1500W

CONTACTORS C-1, C-2

MECHANICALLY HELD LIGHTING CONTACTOR SQUARE D LLG-80 WITH 8 POLES, 120V IN CLASS 9991 ENCLOSURE

one line diagram and details



## ONE LINE DIAGRAM

## FEEDER SCHEDULE

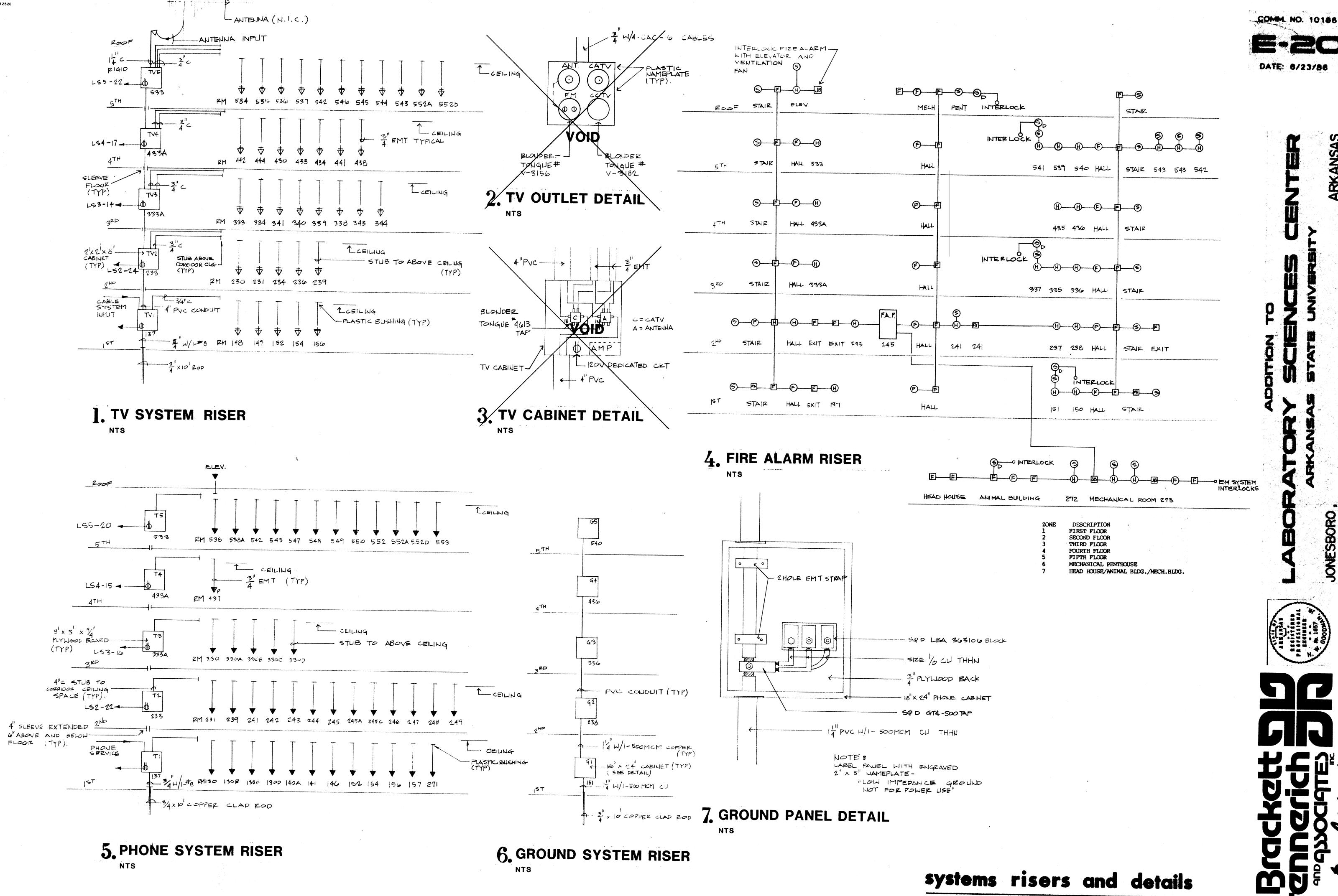
- 1 3-#10, 1-#10 N, 1-#10 GR IN .75" C.
- 2 2-#10, 1-#10 N, 1-#10 GR IN .75" C.
- 3 3-#2, 1-#2 N, 1-#8 GR IN 1.25" C.
- 4 2-#12, 1-#12 N, 1-#12 GR IN .75" C. 5 3-#12, 1-#12 N, 1-#12 GR IN .75" C.
- 6 2-#8, 1-#8 N, 1-#10 GR IN .75" C.
- 7 2-#10, 1-#10 GR IN .75" C.
- 8 2-#12, 1-#12 GR IN .75" C.
- 9 3-#10, 1-#10 GR IN .75" C.
- ① 3-#12, 1-#12 GR IN .75" C. ① 3-#8, 1-#10 GR IN .75" C.
- 3-#4, 1-#8 GR IN 1" C.
- 3 SETS (3-#500MCM, 1-#250MCM N IN 3" C.)
- 3-#3/0, 1-#1 N, 1-#4 GR IN 2" C.
- 15 3-#8 IN .75° C.
- 16 3-#300MCM, 1-#300MCM N, 1-#2 GR IN 3" C.
- ①7 3-#4, 1-#4 N, 1-#8 GR IN 1.25" C.
- (18) 3-#1 IN 1.25" C.
- 19 3-#4 IÑ 1° C.
- 20 3-#3/0, 1-#3/0 N, 1-#4 GR IN 2" C.
- ②1) 3-#3/0, 1-#4 GR IN 2" C.
- 22 3-#500MCM, 1-#250MCM N, 1-#2 GR IN 3" C.
- 23 3-#2, 1-#8 GR IN 1.25" C.
- 24) 3 SETS (3-#350MCM, 1-#3/0 N IN 2.5" C.)
- 25 3-#250MCM, 1-#4 GR IN 2" C. 26 3-#1/0, 1-#6 GR IN 1.5° C.
- ②7 3-#1, 1-#4 N, 1-#6 GR IN 1.5" C.

MSB-LS

17)

PNL LN4 PHL LSS PHL PNL PNL L54 LN3 L53 LNZ

XFMR TNI



JONESBORO

SCALE: NONE

	DIS	STR	IBUT	ION	EQI	JIPM	ENT	SC	HEC	ULE	
NAME MSB-EQ VOLTS	480/277 <sub>Ø</sub> 3		<u>4</u> w	MA	INS_/2	00/1	000/	<u> </u>	LUGS DEVIC	E G	OPPER BUS FED FROM UTILITY ROUND BAR
TYPE POWER STYLE	SURFACE MTD.		FEEDE	:R: 🕱	BOTT	om <u>SE</u>	E ON	ELIN	IE D	iagran	ROUND BAR INTERRUPTING RATING 50,000 A
				BR	ANCH	CIRC	CUITS				
	o.c.	СКТ	LO	AD (KV	/A)	. LO	DAD (K	VA)	скт.	o.c.	ITEM/FEEDER
ITEM/FEEDER	DEVICE	NO.	A	В	С	A	В	С		DEVICE	TEM/FEDER
BOOSTER HEATER	100/3 100 F		18.0	18.0		25.0	25.0		2	100/3 100 F	XFMR 'TEQ'
FEEDER NO. 12	'SW.				18.0			25.0		SW.	FEEDER NO.19
PANEL 'HEQ'	200/3 150 F	-	29.24	30/16		51.67	51.67		4	400/3 300 F.	CHILLER #/
FEEDER NO. 27	SW.				26.66			5167		5W	FEEDER NO.25
CHILLER #2	400/3 300 F		51.67	51.67		26.56	26.56		6	200/3 150 F.	C.W. PUMP #1
FEEDER NO. 25	SW				51.61	<u> </u>		26.56		SW.	FEEDER NO. 26
	5 HP 200/3		ST. BY.	ST.BY							SPACE ( 9 UNIT IN.)
FEEDER NO.26	SW.				51. BY						
						ļ				]	
-		-				<del> </del>					
		1				<del> </del>			1		
		1				-	<b></b>		1		
		1									
		1	9001	0000	00 22	103.23	102 23	101 22			
			202.14			+	OTAL		3		
						1 '			~	AD 1/1/4	
			6	07. 76	•	1	UTAL	CON	N. LC	AD KVA	

			PAN	IELE	30A	RD S	CHE	EDU	LE		
WEL LG VOLTS 20	08/120 g 3	4	ŧ w	MA	Mg.	100A			LIMA	· ·	PPER BUS FED FROM: TEQ
PE NQOB	FLUSH MTD. SURFACE MTD	. F	EEDE	R: <b>(5</b>	TOP	ом <del>3</del> -	4, 1-1	14N.	BREA	KER GR	OUND BAR INTERRUPTING RATING 10,000 A
				BRA	NCH (	BREA	KERS			•	
TTEM :	CKT. BRKR.	CKT.	Ľ	DAD (K	VA)	L	AD (K	VA)	CKT.	СКТ.	ITEM
		NO.	A	В	C	Α.	В	C	NO.	DRICR.	
GREENHOUSE FQUIP	20/1	1		<u> </u>	ļ				2	20/1	GREENHOUSE FOUR
	20/1	3		<u> </u>			ļ		4	20/1	
	20/1	5				ļ	<u> </u>		6	20//	
	20//	7			<b></b>	ļ		<u> </u>	8	20/1	H
	20/1	9			<u> </u>	<b> </b>			10	20/1	11
- H	20/1	11			<del> </del>		ļ		12	20/1	11
SPACE W/BUS		13			ļ	ļ			14		SPACE W/BUS
		15			ļ	<u> </u>	L		16		
11		17				<b> </b>	ļ		18		****
		19			<b> </b>	ļ			20		
		21					L		22		
		23	-		ļ.,				24		
		25		_					26		
	<del></del>	27			<b></b>	<b></b>			28		
		29		ļ	<b> </b>				36		
		31				<b> </b>			32	-	
		33	· 		<b></b>				34		
		35			<del> </del>	<b>ļ</b>			36		
		37			<del> </del>		<b></b>		38		
		39				<b> </b>			40		
		41				-			42		
						1	TOTAL TOTAL		J M. LO	AD KVA	

TYPE NEHB SURF	. 1	<b>≆_</b> W FEEDEF	MAI <b>23</b> R: 🗆	TOP BOTTO	. <del>З А</del> ом <u>3-</u>	<b>#</b> ], /·	-#4 <u>~</u>	BREA //-	CC KER GF 6 GR, 13	OPPER BUS FED FROM: MSB - EQ OUND BAR OUNTERRUPTING RATING 14, 000 A	
				BRA	NCH E	BREAM	(ERS				
ITEM	CKT. BRKR.	CKT.		DAD (K	VA)	LC A	AD (K\	/A)	CKT.	CKT. BRKR.	ITEM
HEAD HOUSE, ANIMAL CARE	20/1	1	2.58		-	.72	-	-	2	15/3	JOCKEY PUMP 1/2 HP
ANIMAL CARE, MECH. RM	2011	3	1	3,5			.72		4		
SPARE	20/1	5			-			.12	6		-
LAB. VAC. PUMP 2- INP	15/3	7	1.0			.39			8	15/3	VENT FAN 34HP
	_	9		1.0			.39		10	-	
	-	11			1.0			.39	12		444
LAB. AIR COMP. 10 HP	20/3	13	3.9			3.1			14	20/3	CONTR. AIR COMP. T/2HP
		15		3,9			3.1		16		-
		17			3.9			3.1	18		-
LAB. AIR COMP. 10 HP	20/3	19	3.9			3.1			20	20/3	CAGE WASHER 7/2 HP
-		21		39			3.1		22	+	
	_	23			3.9			3.1	24	_	
R.T.U.	40/3	25	6.55						26	20/1	SPARE
		27		6.55					28	20/1	SPARE
		29			6.55				30		SPACE W/BUS
DUCT HTR.	20/3	31	4						32	-	
	_	33		4					34	****	
		35			4				36		
SPACE W/BUS		37							38		
h		39							40		
		41							42		delinenterine and the second s
			21.93	2205	10 24	721	721	7 31			

			PAN	ELB	OAF	RD S	SCHE	EDUI	LE			
PANEL A VOLTS 208/12  TYPE NQOB SURF	O Ø 3 H MTD. ACE MTD		<b>4</b> _w FEEDEF	MAI 	NS:_/C TOP BOTTO	ж <i>з-</i>	# <b>4</b> ,	#4N,	LUGS BREA /- ME	KER GR	OPPER BUS FED FROM: TEQ GOUND BAR CINTERRUPTING RATING 10,000 A	
				BRA	NCH E	REA	KERS					
ITEM	CKT.	CKT.		DAD (K	VA)	LC	DAD (K		CKT.	CKT.	ITEM	
	BRKR.	NO.	A	8	C	A	8	С	NO.	BRKR.		
R HEAD HOUSE  R HEAD HOUSE  R ANIMAL ROOMS  R ANIMAL ROOMS  M E, F - ANIMAL CARE  SPARE  SPARE	20/1	1	.6	•		1,7			2	20/2	HEAD HOUSE	E
R HEAD HOUSE	20/1	3		.6			1.7		4	_	_	
R ANIMAL ROOMS	20/1	5			1.26			1.26		20/1		R R R
R ANIMAL ROOMS	20/1	7	1.26			.9			8		SURGERY INPUT	18
M E,F - ANIMAL CARE	15/1	9		1.22			.9		10	20/1		R
SPARE	2011	11							12		SPACE W/BUS	$\perp \perp \perp$
SPARE	2011	13							14			
SPACE W/BUS		15							16			
		17					L		18			
H water-range		19							20			
	1	21							22		**************************************	
		23							24		Andrew Control of the	
		25				/			26			
		27							28			
		29							30			
		31							32			
		33							34			
		35					<u> </u>		36			
		37							-36			
		39							40			
	1	41							42			
		<del>, , , , , , , , , , , , , , , , , , , </del>	1.88	188	1.26	2.6	2.6	1.2.6				
					2.52		TOTAL		•			
				//. 48		ł		_	N. LC	OAD KVA		

YPE NQOB IN SURF	H MTD. ACE MTD	. [	EEDE	MAI 83 R: 🗆	TOP BOTTO	м_4-	#4, 1-	*8G	BREA R IN	KER GF	OPPER BUS FED FROM: TEQ  NOUND BAR  INTERRUPTING RATING 10,000 A				
	T	T	1.7	BRA DAD (K	NCH E		(ERS	<b>/</b> A)		017					
ITEM	CKT. BRKR.	CKT. NO.	A	B	<u>v.,</u>	A	B	c,	CKT. NO.	CKT. BRKR.	ITEM				
TUNNEL LIGHTS	20/1	1	• 5	<u> </u>		.6			2	20/1	CONTROL PNL DRYER				
OUTDOOR LIGHTING	20/1	3		125		<u> </u>	1.4		4	20/1	H.W. PUMPS KAHP VEHP				
	20/1	5			1.25			-6	6	20/1	BOILER CONTROLS				
	20/1		.5			.56			8	15/2	COND. PUMP #2 /2 HP				
	20/1	9		.5			.56		10	-					
	20/1	11			.25			.6	12	20/1	CHILLER 11 - CONTROL PNL				
			.25			.6			14	20/1	CHILLER #2 - CONTROL PNL				
A.H.U. ANIMAL CARE 2HP	15/3	15		.9		1	• 6		16	20/1	ENERGY MAN. PNL.				
		17			.9			.9	18	20/1	MECH. RM.				
-		<del></del>	.9			.5			20	20/1	DAMPER, FANS				
SPARE	- 19 .9 .5 20 <i>20/1 D</i>														
SPARE	20/1	23				İ		.56	24	-					
SPACE W/BUS	-	25							26		SPACE W/BUS				
		27							28						
		29							30						
		31							32						
		33							84						
		35	-						36						
		37							38						
		39							8						

panel schedules

## **LEGEND**

### **LIGHTING**

_	
	FLUORESCENT FIXTURE, TYPE AND SWITCHING INDICATE
	BRACKET OR UNDERCOUNTER MOUNTED FLUORESCENT FIXTURE, TYPE AND SWITCHING INDICATED
<b>40</b>	FLUORESCENT FIXTURE WITH BODINE B50D EMERGENCY

INCANDESCENT FIXTURE, TYPE AND SWITCHING INDICATED

BRACKET MOUNTED INCANDESCENT FIXTURE, TYPE AND SWITCHING INDICATED

AREA LIGHT

DC LIGHT FIXTURE WITH REMOTELY MOUNTED BATTERY

DARK ROOM LIGHT FIXTURE

EXIT LIGHT, SHADING INDICATES FACES, ARROW INDICATES DIRECTION

EXISTING LIGHT FIXTURE

Sa SINGLE POLE TOGGLE SWITCH, LETTER INDICATES DEVICE SWITCHED

FOUR-WAY SWITCH

So DIMMER SWITCH

S3 THREE-WAY SWITCH

BRANCH CIRCUIT - HOMERUN INDICATED

PHOTOCELL

LIGHTING CONTACTOR

NOTE NUMBER

FEEDER TYPE - SEE FEEDER SCHEDULE

## **POWER**

DUPLEX OUTLET

INDICATES SURGE PROTECTED DEVICE CIRCLE F 11592-IGR

2 OR 3 POLE RECEPTACLE - TYPE AS NOTED

PLUGMOLD WITH OUTLETS 12" O.C. LENGTH AS NOTED

QUADRAPLEX OUTLET

QUADRAPLEX OUTLET SURGE PROTECTED - SEE DETAIL 12

JUNCTION BOX - COORDINATE HEIGHT WITH CASEWORK

FLOOR BOX

CONDUIT COUPLING IN FLOOR

FAN/COIL UNIT

STARTER

DISCONNECT SWITCH

MANUAL MOTOR STARTER

INDICATES ABOVE COUNTER

WP WEATHER PROOF

BRANCH CIRCUIT - HOMERUN INDICATED

FEEDER TYPE - SEE FEEDER SCHEDULE

NOTE NUMBER

◆ LAB TABLE NUMBER

### **SYSTEMS**

PHONE OUTLET

FLOOR PHONE OUTLET

COMPUTER OUTLET

FLOOR COMPUTER OUTLET

TV OUTLET

FIRE ALARM PULL STATION

FIRE ALARM SIGNAL DEVICE

SMOKE DETECTOR

HEAT DETECTOR

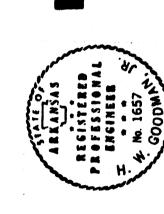
DUCT SMOKE DETECTOR

FLOW SWITCH

ENERGY MANAGMENT CONTROL POINT INDICATES ABOVE COUNTER

NOTE NUMBER

COMM. NO. 10186 DATE: 6/23/86





E-22

DATE: 6/23/86

JONESBORO

PANELBOARD SCHEDULE \_ VOLTS 480/277 Ø 3 4 W MAINS: 225 A SI LUGS COPPER BUS FED FROM: M38-25

☐ FLUSH MTD. ☐ TOP ☐ BREAKER GROUND BAR

— SURFACE MTD. FEEDER: SI BOTTOM 3-43/0./-4/N./-4G, 2°C INTERRUPTING RATING /4.000 A ED FROM: MSB-LS ATING 14, 000 A **BRANCH BREAKERS** CKT. CKT. LOAD (KVA) LOAD (KVA) CKT. BRKR. LAB LTS STORAGE LTS ND. PUMP -1---SPACE W/BUS MER TSI ----\_\_\_\_\_\_ 

ITEM/FEEDER

OFFICE, MICRO-BIOLOGY LTS

PREP, CELL BIOLOGY LTS

4HU-8 15HP

FEEDER NO.9

FREDER HO.9

FEEDER NO. 18

SPARE

DUCT HEATERS 1,2,3

TRANSFORMER THE

ITEM/FEEDER

SUPPLY FAN NO. 1 ZOHP

EXHAUGT FAN HO. 1 15HP

EXHAUST FAN NO.3 15HP

FEEDER NO.11

FEBDER NO.9

FEEDER NO.9

CLASSROOM, OFFICE LTS

16.8 16 14.8 14.6 14.9 14.7 31.4 30.9 29.5 TOTALS

DISTRIBUTION EQUIPMENT SCHEDULE

NAME #5 VOLTS #80/277 3 4 W MAINS 400A M LUGS COPPER BUS FED FROM #38-L5

TYPE I LINE 45 UNIT IN. SURFACE MTD. FEEDER: DOTTOM 3/500 MCM, L4250MCM N INTERRUPTING RATING 14,000

**BRANCH CIRCUITS** 

O.C. DEVICE NO. A B C A B C NO. DEVICE

2011 384 372 2011

FA CB - - - - - 2 7A CB

56.1 53.7 50 32.7 29.1 81 33.8 72.8 81.1 TOTALS \*52.7 TOTAL

DISTRIBUTION EQUIPMENT SCHEDULE

NAME HR VOLTS 480 Ø 3 3 W MAINS 225 A Ø LUGS COPPER BUS FED FROM MSB-LS

TYPE QMB 30 LINIT IN. FLUSH MTD.

TYPE QMB 30 LINIT IN. SURFACE MTD.

FEEDER: Ø BOTTOM 3-#3/0, /-#4GR, 2"C INTERRUPTING RATING 14, 000 A

**BRANCH CIRCUITS** 

P.1 19.1 19.1 4.17 4.17 4.17

23.3 23.5 23.3 TOTALS

TOTAL CONN. LOAD KVA

2011 3 - - - 4 54 3 3.96 - 488 4

TOTAL CONN. LOAD KVA

PLASMA, SEPARATION LAB LTS

X-RAY, THERMO LAB LTS

20/1 BIOTECH, CHEM LAB LTS

CORRIDOR, TOILET, ROOF LTS

SOI SPARE

				PAN	IELE	BOA	RD S	SCH	EDU	LE		
l	ANEL HI VOLTS 480/2	77 ø 3 SH <b>M</b> TD.	<del>y</del>	<u>4</u> w	MA E	INS:_2	25 A		<b>8</b>	LUGS	S CC	OPPER BUS FED
	YPE NEHB 1 SURF	ACE MTD	).	FEEDEI	<b>a</b> : [	BOTT	ом <u>3-1</u>	3/0,/	-*/ N,	1-44	GR,	OUND BAR INTERRUPTING RAT
		_	<del>,</del>			NCH I	<b>,</b>			·	<b>,</b>	
	ITEM	CKT.	CKT.		DAD (H	<del>,                                     </del>		DAD (K		CKT.	CKT. BRKR.	m
			L	3.46		C	A	В	C			
건	OFFICE CLASSROOM UTS	201	3	3.40	3.72		2.98			3	201	EMLAB, FR
Ĭ	ROBOT, MACHINE LAB UTS ROWER LAB UTS	201	5	-	3.10	5.72		3.73	384	6	2011	COPRIDOR.
M	AHU-I SHP	2013		2.1	<del>                                     </del>	7.75	2.4	<b></b>	-207	8	20 1	MATERIALS
		-	9		2.1	<del>                                     </del>	2.07	.4	<del>                                     </del>	10	15/3	STAIR LTS
	-	<del> </del>	11			2.1		<del></del>	.4	12	13/3	DIPLEX CON
Z	DUPLEX SUMP PUMP	15 8		133			.4		T	14		
			15		1.33				1	16	1105	SPARE
	******		17			1.33				18	20/1	SPARE
	TRANSFORMER THI	4013	19	5.38			7.14			20	6013	TRANSFORM
	- Carlotte	_	21		3.9			7.98		22		
	-		23			4.7			845	24		
	SPACK W/BUS		25							26		SPACE W/RUS
		1	27							28		H II
			29							30		1111
$\Box$		<u> </u>	31							32		-11-
		1	33							34		
			35							36		#
	AND A PROPERTY MANAGEMENT OF THE PROPERTY OF T		37				·			38		
	manus   manus manus   manus		39							40		HH
			41							42		
				12.3	11	11.8	13.2	14.1	12.7			· · · · · · · · · · · · · · · · · · ·
				25.4	25.2	24.5		TOTAL		-		
				75.		•	i '			N IO	AD KVA	
<b>,</b>				,,,,	•		'	J 174	- 0014	14. LU		

TYPE NEHB VOLTS#	10/277 ø 3 FLUSH MTD. SURFACE MTD	·····	<u>4</u> W FEEDE	MAI E3 R: 🗆	INS: 24 TOP BOTT	25 А ом. 3- <sup>3</sup>	3/0.	80 /-#/ <i>N</i> /	BRE/	KER GF	OPPER BUS FED FROM: M5B-LS  ROUND BAR  C INTERRUPTING RATING 14,000 A
· · · · · · · · · · · · · · · · · · ·				BRA	NCH I	BREA	KERS		<del></del>		
ITEM	CKT.	CKT.	L	DAD (K		LC	DAD (K		CKT.	CKT. BRKR.	ITEM
The second state of the se			1.62		C	167	В	C	2	203	TEST BENCH NO.2
TEST BENCH NO. 1	2013	3	1.67	1.67	<del> </del>	101	1.67	<del> </del>	4	2018	IESI SENCH NO. 2
		5	<b></b>	1	1.67		1.07	167	6		
TEST BENCH NO. 8	2013		1.67			1.67			8	2013	TEST BENCH NO.4
		9		1.67			1.67		10		-
		11			1.67			167	12		destinates
TEST BENCH HO.5	2013	13	1.67			1.67			14	2013	test bench no.6
-		15		1.67			1.67		16		-
4-10-		17			1.67			1.67	18		-
TEST BENCH NO, ?	2013		167	<u> </u>		1.67			20	203	test bench hab
		21		167			1.67		22		·
		23		ļ	1.67		ļ	1.67	24		
TEST BENCH HO.9	2013		167	1.70	ļ	24	-			100 3	transformer tu
		27	<u> </u>	167	110		24	-	28		******
		29			1.67	15	ļ	24	30	/013	TRANSFORMER THI
SPARE	2013	31	ļ		<del> </del>	13	15		34	GU 13	TRANSPORMIRE IMI
		33 35		<del> </del>	<del></del>	<del> </del>	13	15	36		
SOACE II/RILE		37	<del>                                     </del>	<del> </del>				1 1 2	36		SPACE WIBUS
SPACE W/BUS	<del></del>	39	<del></del>	<b>†</b>	<del> </del>	<b></b>	<b></b>		40	1	
	<del></del>	41					<b></b>		42	<b></b>	
			8.35	8.35	8.35	45.7	45.7	43.7			<u> </u>
			54.1				TOTA		•		
			163		. <del></del>	1				DAD KVA	

PANELBOARD SCHEDULE

**BRANCH BREAKERS** 

CKT. CKT. LOAD (KVA) LOAD (KVA) CKT. CKT. BRKR.

. VOLTS 480 1277 Ø 3 4 W MAINS: 225 A ⊠ LUGS COPPER BUS FED FROM: MSB-L5

□ FLUSH MTD. ☑ TOP □ BREAKER GROUND BAR

☑ SURFACE MTD. FEEDER: □ BOTTOM 3-43/0, 1-41N, 1-44GR, 24C INTERRUPTING RATING 14,000 A

CKT. CKT. LOAD (KVA)

BRKR. NO. A B C A B C NO. BRKR.

20|3 1 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |67 | |6

TOTAL CONN. LOAD KVA

DISTRIBUTION EQUIPMENT SCHEDULE

**BRANCH CIRCUITS** 

223 2 6 207 163 168 160 386 384 367 TOTALS

| O.C. | CKT. | LOAD (KVA) | LOAD (KVA) | CKT. | O.C. | DEVICE | NO. | DEVICE | NO. | DEVICE | NO. | DEVICE | | DEVICE | NO. | DEVICE | DEVICE | | DEVICE | | DEVICE | | DEVICE | DEVI

TOTAL CONN. LOAD KVA

ITEM/FEEDER

PANEL HI

FEEDER NO. 14

FEEDER HO.14 panel he

FEEDER HO.22

FEEDER HO.3

PANEL EEH-Z

feeder half

TYPE NEHB

TEST BENCH NO.

TEST BENCH NO.3

TEST BENCH HO,5

TEST BENCH NO. 7

TEST BENCH NO.9

SPARE

SPACE W/BUS

j \_\_\_ | \_\_ \_ \_ | \_\_ -1--h-

TRANSFORMER TEN

PANIEL H3

AF 32526

										DULE	
NAME H2 VOLTS 480/A	<u>977 <sub>Ø</sub> <i>3</i></u> H MTD. ACE MTD.		<b>≠</b> w FEEDI	MA ER: 02	AINS 2 TOP BOTT	25 <u>a</u> om3-1	3/0, /		LUGS DEVIC	GR,2"C	OPPER BUS FED FROM MSB -LS ROUND BAR INTERRUPTING RATING 14,000 A
				BF	RANCH	CIRC	CUITS	· · · · · · · · · · · · · · · · · · ·	77-14-1		
ITEM/FEEDER	O.C. DEVICE	CKT NO.		AD (K	VA)	L A	OAD (K	(VA)	CKT.	O.C. DEVICE	ITEM/FEEDER
research, materials Lab LTG	20 1 FA CB	1	3.24	_		2.98	_		2	2011 FA	SOILS LAB, CLASSROOM LITS
office area LTS	2011 FA	3	_	3.46			3.96		4	2011 FA	SOILS, STRUCTURAL LAB LTS
Classroom, Lounge LTS	2011	5							6	2011	CORRIDOR LTS
Transformer th2	50 3 150 3		3/.8		3.12	2.86		3.2		CB 201	CONCRETE PREP LAB LTS
FERDER NO. 18	怂	7		38	38.5				8	I C	
	-								10	<b>20</b> 1	SPARE
									12	2011 FA	SPARE
						13.4	13.8		14	60 3	TRANSFORMER TSE
	1		35	41.5	36.6	19.3		12.7		FA	FREDER NO. 15
			54.3 166	69.2	52.9	T	OTAL	S	N. LO	AD KVA	

•			PAN	<b>IELI</b>	BOA	RD S	SCH	EDU	LE		,
ANEL H3 VOLTS 480	1277 a 3	•	4 w	МА	ins:_2	25 A		<b>K</b> CA			, 2005D DUG - 55
□ FL	USH MTD.				TOP				BRE	NKER G	OPPER BUS FE ROUND BAR
YPE NEHB SU	RFACE MTD	<b>)</b> .	FEEDE	R: 12	BOTT	ом <u>3-</u> 1	3/0,/	-#/N	1- 4	16R, 2"	ROUND BAR L INTERRUPTING RA
		· · · · · · · · · · · · · · · ·		BRA	NCH I	BREA	KERS				
	CKT.	СКТ	L	OAD (N	(VA)	u	DAD (K	VA)	CKT.	CKT.	
ITEM	CKT. BRKR.	NO.	A	B	C	A	В	C	NO.	BAKA.	r
OFFICE, CLASSROOM LTS	201	1	3.84			3.6			2	201	MAP RM GE
BIOLOGY PREPRIM LTS	2011	3		3.36			2.4		4	201	LAPIDARY BI
BIOLOGY , LEARNING LAB LTY		5			3.24			1.95	6	201	CORRIDOR .
AHU-2 IOHP	25 3		3.87			3.22			8	201	PHYSICAL S
		9		3,87			3.24		10		PHYSICAL SC
		11	<u> </u>		3.87				12	201	SPARE.
TRANSFORMER THS	1003	13	16.3			9.92			14	60/3	TRANSFORM
		15		15.8			10.5		16		
		17	L		46			10.5	18	*****	
SPACE W/BUS		19							20		SPACE W/BU
-		21							22		-11-
		23							24		-11-
		25			<u> </u>	<u> </u>			26		-1
<del>              </del>		27	<u> </u>						28		_111_
<u> </u>		29	<u> </u>				<u> </u>		30		-11
		31	<b> </b>	_					32		
		23		L			L		-		
		35	ļ						36		
		37	<del> </del>		<b> </b>		ļ		38		
		39	$\Rightarrow$			ļ			40		
		41							42	<u> </u>	
			23.9	23	21.8	16.7	16.1	12.4		,	,
			40.7	39.1	34.2	l '	TOTAL	.s			
			114.	_		1			N 10	AD KVA	

				PAN	IELE	BOA	RD S	SCHE	EDU	LE	-				
	VOLTS 480/2  PE NEHB  VOLTS 480/2  SURF	77 ø <u>3</u> H MTD. ACE MTD	. 1	<b>£</b> w FEEDE	MA:	INS:_2 TOP BOTT	7 <u>2.5 А</u> Ом <u>3-1</u>	3,10,7	\\ #/N,	BRE/	KER G	OPPER BUS FED FROM: MSB-LS ROUND BAR  INTERRUPTING RATING M, 000 A			
					BRA	NCH I	BREA	KERS							
	ITEM	CKT. BRKR.	CKT. NO.	A.	DAD (K	VA)	A	DAD (KI	VA)	CKT. NO.	CKT. BAKR.	ITEM			
-	OFFICE CLASSROOM LTS	2011	1	3.84	·		3.6		<u> </u>	2	201	MAPRH GEOLOGY LTS			
	BIOLOGY PREPRIM LTS	2011	3		3.36			2.4		4	201	LAPIDARY SIO-CHEM LTS L			
- 1	BIOLOGY, LEARNING LABUTE		5			324			1.95	6	201	CORRIDOR TOILET LTS			
1	AHU-2 IOHP	25 3	7	3.87			3.22			8	201	PHYSICAL SCIENCE LTS L			
4	- 9 3.89 3.24 10 2011 PHYSICAL SCIENCE LTS L														
4	- 11 3.87 12 ZOLI SPARE														
4	ZANGFORMER THS 100 13 16.3 9.92 14 60/3 TRANSFORMER TS3														
4	— 15   15.8   10.5   16 — —														
4	17 W46 10.5 18														
4	SPACE W/BUS		19							20		Space W/Bus			
4			21							22					
4	-11-		23							24					
4	<u></u>		25							26					
4	<u>-4!-</u>		27			<u> </u>	L			28					
4	-1!-		29							30					
$\perp$			31							32					
4			_39_							-84					
+			35							36					
+			37							38					
4			1							40					
_		L	41							42					
				23.9	23	8.15	16.7	16.1	12.4	<b>.</b>					
				40.7	39.1	34.2		TOTAL	.S						
			İ	114.0	7		ł		_	N. LQ	AD KVA				

# panel schedules

E-23

PANELBOARD SCHEDULE

**BRANCH BREAKERS** 

CKT. CKT. LOAD (KVA) LOAD (KVA) CKT. CKT. BRKR.

| TIEM | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. | CAT. |

3.42 4.38 4.52 3.72 5.6 4.1 7.14 9.98 8.62 TOTALS

PANELBOARD SCHEDULE

**BRANCH BREAKERS** 

CKT. CKT. LOAD (KVA) LOAD (KVA) CKT. CKT. BRKR.

7.78 7.86 7.12 55 5.98 5.54 13.4 13.8 12.7 TOTALS

201 25 1

2011 33

TYPE NOB

E FREEZER ROOM 232

EQUIPMENT ROOM 231

EQUIPMENT ROOM 231

E EQUIPMENT ROOM 230

E EQUIPMENT ROOM 230

OFFICE RECEPTACIOS

COMPUTER GROUT (L) RECEPTACLES ROOM 234

- t- -p-

FAH/COIL UNITS OFFICE RECEPTACLES

SPARE

SPACE W/BUS

VOLTS 208/120 63 4 W MAINS: 125 A □ LUGS COPPER BUS FED FROM: TS2

☐ FLUSH MTD. ☐ TOP ☐ BREAKER GROUND BAR

☐ SURFACE MTD. FEEDER: ☐ BOTTOM 3-12, /- 12N, 1-18GR, //4 C INTERRUPTING RATING 10,000 A

42

TOTAL CONN. LOAD KVA

TOTAL CONN. LOAD KVA

VOLTS 208/120 Ø 3 4 W MAINS: 125 A □ LUGS COPPER BUS FED FROM: TS/
□ FLUSH MTD. □ TOP ☑ BREAKER GROUND BAR
□ SURFACE MTD. FEEDER: ☑ BOTTOM 3-#2,1-#2N,1-#8GR,1/4°C INTERRUPTING RATING 10,000 A

DATE: 6/23/86

Y	NSAS
	ARKA

	OUND BAR INTERRUPTING RATING 10,000 A	CO Ker Gr 16,2,20	BREA	 3/0 M	3/0,1-	ж <u>3-</u> #.	NS: 62 TOP BOTTO	MAII <b>23</b> 1: 🗆	EEDEF	, F	USH MTD. RFACE MTD.	PANEL EEL -/ VOLTS 208 //  TYPE NQOB SUR
		скт.	скт.	/A)	KERS		NCH E	BRAI	LC	СКТ.	CKT.	
	ITEM	BRKR.	NO.	c	B	A	C	В	A	NO.	BRKR.	ITEM
E	TEST BENCH NO.2	203	2			1.67		•	1.67	1	2013	E TEST BENCH NO. 1
			4		1.67			1.67		3		
	*****		6	1.67			1.67			5		
E	TEST BENCH NO.4	203	8			1.67			1.67	7	203	E TEST RENCH No.3
			10		1.67			1.67		9		4 value non
	-		12	1.67			1.67			11		
٤	TEST BENCH NO.6	203	14			1.67			167	13	203	E TEST BENCH UO.S
	-		16		1.67			1.67		15		**************************************
	estimating .		18	1.67			1.67			17		
E	TEST BENCH NO.8	203	20			167			1.67	19	2013	E TEST BENCH NO.7
			22		169			1.67		21		· · · · · · · · · · · · · · · · · · ·
	- Carlos		24	1.67			1.67			23		-
15	TEST BENCH IA	105	26	•		1.8			1.67	25	203	E TEST BENCH HO.9
	TEST BENCH 2A	2011	28		1.8			161		27		
Ε	test bench 3a	201	30	1.83			1.67			29	-	. wasan
E	TEXT BENCH 4A	2011	32			1.8			1.8	31	2011	RECEPTACLES
E	TEST BENCH &A	2011	34		8,1			1.8		33	2011	E EF LABT TABLE
E	TEST BENCH 6A	2011	36	1.8			1.8			35	2011	E EE LABITABLE
E	TEST BENCH 7A	201	38			1.8			1.6	37	2011	R CHAMBER
E	TEST BENCH BA	201	40		1.8			1.8		39	2011	E LAB ITTABLE
E	TEST BENCH 9A	201	42	1.8			1.8			41	201	SPARE

	FF1 -2 2001	/20 - 3					RD S					<i>TI 2</i>	
	PANEL EEL-2 VOLTS 208 / UNITS	SH MTD. FACE MTD	. I	T_W FEEDER	MAI (S) R: □	NS:_22 TOP BOTTO	ом <u>3-*</u>	3/0,1	□ -*3/0	BREA N. /- 19	KER GR	OPPER BUS FED FROM: 7/2 OUND BAR C INTERRUPTING RATING /0,000 A	
					BRA	NCH E	BREAK	(ERS					
_	ITEM	CKT. BRKR.	CKT.	L	DAD (K		<del></del>	AD (K		CKT.	CKT. BRKR.	ITEM	
=	TEST BENCH NO. 1	203	1	1.67	. B	С	167	В	С	2	20 3	TEST BENCH NO.2	=
_	IEST BENCH NO. 1	2015	3	1.00	1.67		145 (	167		4		TEST BENCH HOLE	
-			5		110	167			1.67	6			
-	TEST BENCH No. 3	203	7	1.67			167			8	203	TEST BENCH NO.4	E
_			9		1.67			167		10			
_			11			1.67			1.61				
=	TEST BENCH NO. 5	203	13	1.61			1.67			14	203	TEST BENCH No.6	E
_			15		1.67			1.67		16			
_			17			167			167	18			
_	TEST BENCH NO.7	203		1.67	167		1.67	1/0	ļ	20	203	TEST BENCH No.8	E
			21	ļ	167	1.62		167	167	22			
-	7777	203	23	1.67		1.67	1.8		161	26	2011	TEST BENCH NO. IA	E
-	TEST BENCH No.9	2013	27	101	1.67	ļ		1.8		28	2011	TEST BENCH NO. ZA	E
			29	<u> </u>	1.0	161	<del> </del>	110	1.8	30	2011	TEST BENCH NO. 3A	E
-	MACHINE SHOP	201		1.8	<u> </u>	1	1.8		-	32	2011	TEST BENCH NO. 4A	E
_	MACHINE SHOP	201	33		1.8			1.8			2011	TEST BENCH NO. SA	E
_	MACHINE SHOP	201	35			1.8			1.8		2011	TEST RENCH NO CA	E
_	RECEPTACLES	201	37	1.8			1.8				201	TEST BENCH No. 7A	E
_	HOIST	201	39		1.8			1.8		40	2011	TEST BENCH No. 8A	E
	SPARE	2011	41			1.8			1.8	42	2011	TEST BENCH NO. 9A	E
						11.9	12.1	12.1	12.1	]			
				24	24	24	1 .	TOTAL	_S				

TOTAL CONN. LOAD KVA

		i	PAN	ELB	OAF	RD S	CHE	EDU	LE		
PANEL ZNI VOLTS 208/	120 ø3		<b>4</b> w	MAI	NS:/	00 A			LUGS	s cc	PPER BUS FED FROM: TN/
U FLU	SH MTD. RFACE MTD				TOP	2	#A )_	#AN	BREA	KER GF	OUND BAR C INTERRUPTING RATING 10,000 A
TYPE NQOB W SUR	FACE MTD	. F	EEDEF	t: 🔀	BOTTO	ж <u>2-</u>	4, 1	·· +/4,	7-70	OK, 174	INTERRUPTING RATING 70,000 X
				004			/FDC				
					NCH E	SHEAL	(FH2				
ITEM	CKT.	СКТ.	LC	AD (K	VA)	LC	DAD (K		CKT.	CKT.	ITEM
	BRKR.	NO.	A	В	С	A	В	С	NO.	BRKR.	
MECHANKAL ROOM 151	2011	1	.6	·,		1.0	0	<u> </u>	2	20 1	EQUIPMENT ROOM 152
ELECTRICAL ROOM 150	20   1	3		.6	.9		.9		4	20 1	COMPUTER CIRCUIT (L)
RECEPTACLE ROOM 153	2011	5	.22		1.7	.6	<del> </del> -	1.5	6	20	FAN/COIL LINITS COMPUTER CIRCUIT (L)
	2011	7	.12	٠.		.6	.6	<u> </u>	8	20	
COMPUTER CIRCUIT (L)	2011	9		••	<del>                                     </del>	ļ	, 6	-	10	20 1	
	2011	11			.6	ک.	<b> </b>	.6	12		
		13	.6	7	<del></del>	ص.	7			2011	H
	2011	15		.6	.6	<b></b>	.6	۵.	16	2011	JANITOR ROOM
	2011	17	1.26		٠, ن	.6		٠.6	20	201	SPARE
RECEPTACLE ROOM 156	1201		1.26			1,6		-	22	2011	SPARE
Spare		21	-						24	2011	SPARE
SPACE W/BUS		25			<del></del>			<del></del>	26	ω,	SPACE LI/BUS
	<del></del>	27			<del> </del>				28	<b></b>	
H H		29			<b></b>			<del> </del>	30	<b> </b>	
		31						<del> </del>	32		
		32							34		
		35						<u> </u>	36		
	=	37							38		
		39							40		
		41							42		
	· · · · · · · · · · · · · · · · · · ·		3.18	1.8	2.1	2.8	2.1	2.7	1	<u> </u>	•
•					4.8		TOTAL		-		
•				4.68		1				OAD KVA	

			PAN	ELE	OAF	RD S	CHE	EDUI	LE.		
NEL <i>EM</i> VOLTS <i>208</i>	1120 a 3		4 w	MAI	NS:_/2	5 A		П	LUGS	s co	PPER BUS FED FROM: TEM
				<b>S</b>	TOP				BREA	KER GR	OUND BAR INTERRUPTING RATING 10,00A
PE NQOB X SU	ISH MTD. RFACE MTD	. F	EEDEF	ર: 🗆	BOTTO	м <u>3-</u>	2, 1-1	2N, 1	- 78	GR, 1/4"	INTERRUPTING RATING 10,00A
				BRA	NCH E	BREAL	(ERS			· · · · · · · · · · · · · · · · · · ·	
	скт.	CKT.	LC	DAD (K			AD (K)	/A)	CKT.	СКТ.	
ITEM	BRKR.	NO.	A	В	С	A,	В	С	NO.	BRKR.	ITEM
RECEPTACLES ROOM 140-8	2019	1	.6	•		.6			2	2011	RECEPTACLE ROOM 138
II 140-A	11	3		.6			2-25		4	30 2	EQUIPMENT ROOM 138
- 11- 140	10	5			.6			2.25	6		
DRYER -1- 140	3012	7	1.7			1.7			8	20 3	EQUIPMENT ROOM 138
********		9		1.7			1.7		10		-
EQUIPMENT ROOM 139	203	11			1.7			1.7	12		
		13	1.7			:6			14	2011	RECEPTACLES ROOM 141
		15		1.7			2.25		16	30 2	EQUIPMENT ROOM 141
RECEPTACLES ROOM 139	2011	17			.6			2.25	18		
- 1- 14d	2011	19	.72		<u></u>	1.7			20	20 3	EQUIPMENT 1200M 141
-11- 146	2011	21		.9			1.7		22		
<u>-11- 145</u>	2011	23			.9			1.7	24		-
-1- 142	2011	25	,9			1.7			26	30 2	EQUIPMENT ROOM 143
COMPUTER CIRCUIT (L)	201	27		.6			1.7		28		
SPARE	2011	29		ļ				1.7	30	3012	FUME HOOD ROOM 142
SPARE	20 1	31		<u> </u>		1.7		ļ	32		
SPACE WIBUS		33						<u> </u>	34	20 1	Spare
		35	ļ						36	201	SPARK
		37	<u> </u>						38	<b> </b>	SPACE W/BUS
		39	ļ	ļ					40		-1-
	<u>.                                      </u>	41	-72		3.8		<del></del>	,	42		
							9.6	7.6	l		

PANELBOARD SCHEDULE

**BRANCH BREAKERS** 

35 37 38 41 8.35 8.35 8.35 6.68 6.68 6.68 15 15 15 TOTALS

PANELBOARD SCHEDULE

**BRANCH BREAKERS** 

 CKT.
 CKT.
 LOAD (KVA)
 LOAD (KVA)
 CKT.
 CKT.
 CKT.
 CKT.
 CKT.
 BRKR.

35 8 25 8 25 6.68 6.68 6.68

**TOTALS** 

TOTAL CONN. LOAD KVA

15 15 15

VOLTS 240 Ø 3 3 W MAINS: 100 A DLUGS COPPER BUS FED FROM: TM2

☐ FLUSH MTD. 

TOP BREAKER GROUND BAR

SURFACE MTD. FEEDER: ☐ BOTTOM 3-#2,1-#8GR,1/4 C INTERRUPTING RATING 10,000 A

PANEL EEM-/

TYPE NOOB

E TEST BENCH NO I

TEST BENCH NO.3

TEST BENCH NO. 5

TEST POENCH NO.

TEST BENCH NO.9

PANEL EEM-2

TEST BENCH NO.1

TEST BENCH NO. 3

TEST DENCH NO.5

TEST BENCH No.

TEST BENCH NO.9

TYPE NOOB

| CKT. | CKT. | LOAD (KVA) | LOAD (KVA) | CKT. | CKT. | RRKR. | MO. | A | B | C | A | B | C | NO. | BRKR. | RRKR. | MO. | BRKR. | MO. |

TOTAL CONN. LOAD KVA

RM. 542



PANELBOARD SCHEDULE VOLTS 208/120 63 4 W MAINS: 300 A PANEL ZAS LUGS COPPER BUS FED FROM: TN5 ☐ FLUSH MTD. ☐ TOP MEDITION 3-300MCM, /-4300MCM NINTERRUPTING RATING 10,000 A TYPE NOOB SECTION 1 **BRANCH BREAKERS**  
 CKT. BRKR.
 CKT. NO.
 LOAD (KVA)
 LOAD (KVA)
 CKT. NO.
 CKT. BRKR.
 RM. 542 30/2 1 1.7 1.7 2 30/2 FUME HOOD F FUME HOOD **- 3** 1.7 1.7 4 -E INDRGANIC LAB RM. 542 30/3 5 20 1.7 6 30/2 FUME HOOD

- 31 1.7 1.08 32 20/1 BIO-TECH RESEARCH RM,544 R BIO-TECH RESEARCH RM 544 33 .72 1.04 34 2011 REFRIGERATOR RM 544 E FREEZER RM 544 20/1 35 1.0 .9 36 20/1 JANITOR OFFICE R ELECT. RM. RM 540 20/1 37 .6 1.7 38 20/2 RADIOACTIVE COUNT. RM 548 E E FUME HOOD RH 544 30/2 39 1.7 1.7 1.7 40 -SECTION 2 BRANCH BREAKERS

OLO HON Z					BKA	NCH	BKEA	KEHS					
ITEM		CKT. BRKR.	CKT.	·	OAD (K	<del></del>	LC	DAD (K	<del>~</del>	скт.	CKT.	ITEM	· · · · · · · · · · · · · · · · · · ·
				A	В	С	A	В	С	NO.	BRKR.		
E FUME HOOD	RM. 544A	30/2	43	1.7			1.7			44	30/2	FUME HOOD	RM.5
_		_	45	<u> </u>	1.7	<u> </u>	1	1.7	Ĺ	46	-	-	
_	RM.545		47			1.08			1.08	48	20/1	CELL BIOL, LAB	RM.5
		2011	49	1.08			1.08			50	20/1	annumental production of the second s	11
R COMPUTER OUTLETS	(4)	20/1	51		1.08			. 6		52	20/1	THERMAL ANAL	RM.5.
R THERM. ANAL. LAB	RM. 537		53			-6			. 6	54	20/1		/1
R	11	2011	55	. 9			1.7			56	30/2	FUME HOOD	RM.53
E		30/3	57		2.0			1.7		58	-	-	· · · · · · · · · · · · · · · · · · ·
		_	59			2.0			. 6	60	20/1	X-RAY LAB	RM. 53
		-	61	2.0	Ī		.6			62	20/1	11	
R X-RAY LAB	RM.536	20/1	63		-6			1.08		64	20/1		11
M FAN/COIL UNITS		20/1	65			1.6			,6	66	20/1	PENTHOUSE	£!
R MECH. RM.	RM.541	20/1	67	.6			.6			68	20//	ROOF LIGHTING	
E PNL. FPU-6		20/1	69		. 6			.6		70	20/1	PANEL FPU-7	
SPARE		20/1	71							72	20/1	SPARE	
SPARE		20/1	73				1			74	20/1	SPARE	
SPARE		20/1	75				1			76	20/1	SPARE	
SPACE W/BUS			77		1					78		SPACE W/BUS	
			79		1					80			
			81							82			
H			83						1	84		-	
				23.36	22.7	22 4	16.46	1576	12.24				
				39.82	38.46	34.64							
					112.92		1	TOTAL					
				1 ′	12.37	C	]	TOTAL	CON	N. LO	AD KVA		

TYPE NQOB	Volts <u>208/12</u> □ Flush  ■ SURF	H MTD.		<b>£</b> _₩ EEDEF				<b>*3/0</b> , i				OPPER BUS FED FROM: 73 ROUND BAR CINTERRUPTING RATING 10,00	35 20 A
SECTION 1					BRA	NCH E	BREAI	KERS	,				
ITEM		CKT.	CKT.	LC	DAD (K	VA)	LC	OAD (K	VA)	CKT.	CKT.		
		BAKR.	NO.	A	B	С	A	В	С	NO.	BRKR.	ITEM	
DEAN'S OFFICE, DA		20/1	1	1.1	•		1.08			2	20/1	FACULTY	RM. 530
WORK RM., ASSIS. D	EAN	20/1	3		1.1			1.08		4	20/1	MAINTENANCE	RM. 533
WAITING, TOILETS		20/1	5			1.5			.9	6	20/1	DEAN'S OFFICE	RM, 552E
CONFERENCE RM		20/1	7	1.6			.6			8	20/2	COFFEE BAR	
WORK RM	RM. 5527		9		.9			. 6		10		applica.	
COPY MACHINE	RM.552	20/1	11			1.8			1.08	12	20/1	WAITING	RM. 552
A/Y STORAGE	RM. 551	20/1	13	1.08			1.2			14	20/1	EWC, TOILETS	
	0 \$ 549	20/1	15		1.08			1.08		16	20/1	COMPUTER OUTLETS	(L)
FAN/COIL UNITS		20/1	17			184			1.44	18	20/1	OFFICES RM.547.5	
MAINTENANCE	RM. 533	20/1	19	1.08			6			20	20/1	TV BOX	RM.533A
	H	20/1	21		1.08			. 6		22	20/1	PHONE BOARD	RM.538A
		20/1	23			108			.6	24	20/1	ELECT. RM.	RM.533A
COMPUTER OUTLE	TS (L)	20/1	25	. 9			1.08			26	20/1	MAINTENANCE	RM. 533
MAINTENANCE	RM. 533	30/3	27		2.0			1.7		28	20/2	PREPARATION	RM 546E
_		-	29			2.0			1.7	30	_	******	
-		-	31	2.0			1.08			32	20/1	PREPARATION RM.	546 A/B
FT-IR & PLASMA	LAB RM 534	20/1	33		.6		,	.9		34	20/1		546 A
	11	20/1	35			. ૯			2.0	36	30/3	FT-IRAPLASMA LAB	
1	11	20/1	37	1.08			2.0			38			
FUME HOOD	RM.534	30/2	39		1.7			2.0		40	+		
	,		41			1.7			1.08	42	20/1	FT-IR & PLASMA LAL	DN 52

	<del>  / </del>	+	<del></del>	+	<b>-</b>	<del> </del>	<del> </del>	<b></b>	<del>_ ~</del>	ļ		
		41			1.7			1.08	42	20/1	FT-IR & PLASMA LAB	RM 534
SECTION 2				BRA	NCH E	BREA	KERS					
ITEM	CKT.	СКТ.	L	DAD (K	(VA)	L	DAD (K	VA)	СКТ.	СКТ.		****
	BRKR.	NO.	A	В	С	A	В	С	NO.	BRKR.	ITEM	
E SEPARATION LAB RM.535	30/3	43	2.0	·		. 6			44	20/1	SEPARATION LAB	RM, 535
		45		2.0			.6		46	20/1		//
		47			2.0			.6	48	20/1	1/	//
R SEPARATION LAB RM.535		49	.6			1.08			50	20/1		11
R	20/1	51		.6			1.7		52	30/2	FUME HOOD	RM.535
R — II — — II —	20/1	53			. 6			1.7	54			,
R MICRO-BIOL. LAB RM.546		55	1.08			1.08			56	20/1	MICRO-BIOL LAB	RM. 546
R	20/1	57		1.08			1.08		58	20/1		
R - 11 -	20/1	59			1.08			1.08	60	20/1		
E ELEV. EQUIP. RM. 88EOG	20/1	61	1.0			1.7			62	30/2	FUME HOOD	RM.546
R ELEV EQUIP RM BBEOG	20/1	63		.6			1.7		64	-		
SPARE	20/1	65							66	20/1	SPARE	
SPARE	20/1	67							68	20/1	SPARE	
SPARE	20/1	69						·	70	20/1	SPARE	
SPACE W/BUS		71							72		SPACE W/BUS	
11		73						ŀ	74			
11-		75							76		11	
		77							78			
		79							80			
		81							82			
11		83							84			
			/3.52	12.74	14.2	12.1	13.04	12.18				
			25.62	25.78	26.38		TOTAL		-			
				77.76	3	l			N. LO	AD KVA		

,			PAN	IELE	BOA	RD S	SCHI	EDU	LE			
PANEL LS3 VOLTS 20 TYPE NOOB S	B/IZO Ø 3 LUSH MTD. URFACE MTI	D.	4w FEEDE	R: <b>5</b> 5	BOTT	ом <u>3</u> -	#2,1	121	LUGS BRE	KER GF	OPPER BUS FED FROM: 793 ROUND BAR C INTERRUPTING RATING 10,000 A	
	T	T	1	BRA DAD (K		BREA		VA\	Υ	T		
ITEM	CKT. BRKR.	CKT NO.	•	B	C	A	DAD (KI	C	CKT. NO.	CKT. BRKR.	ITEM	
TOILETS .	20/1	1	.3	<u> </u>		.9			2	20/1	OFFICES	R
CLASSROOM RM. 34	4 20/1	3		.72			.72		4	20//	COMPUTER OUTLETS (L)	
GEN. BIOL. LAB RM. 34		5			.9			. 9	6	20/1	OFFICES	A
GEN. BIOL. LAB RM. 34	3 20/1	7	1.08			1.08			8	20/1	GEN. BIOL, LAB RM.34	
11	2011	9		1.08			1.08		10	20/1		
		11			1.08			1.08	12	20/1		
EWC TOILETS	20//		1.2			.6			14	20/1	PHONE BOARD RM. 355	AA
GEN. BIOL. LAB RM.	43 20/1	15		.9			.6		16	20/1	TV 80x RM 333	
FAN/COIL UNITS	20/1	17			1.5			.6	18	20/1	ELECT RM. RM 353	
GEN. BIOL. LAB RM.3	43 20/1	19	.9			1.7			20 .	30/2	FUME HOOD RM. 335	
PREPARATION RM.S		21		-9			1.7		22	-		T
COMPUTER OUTLETS /		23			.72			108	24	20//	GEN. PHYS. LAB. RM.33	3 A
GEN PHYS. LAB RM.3	33 20/1		1.08			1.08	·		26	20/1		- 4
FUME HOOD RM. 33	4A 30/2	27	<u> </u>	1.7			1.08		28	20/1		- 6
		29			1.7			.9	30	20/1	agriconostationes acceptation	- 6
SPARE	20/1	31	ļ						32	20/1	SPARE	
SPARE	20/1	33							34	20/1	SPARE	T
SPACE W/BUS		35							36		SPACE W/BUS	Т
<i>""</i>		37	L						38			$\Box$
		39							40		Control of the Contro	
The second second		41							42			T
			4.56				5.18	4.56				
		1	9.92	10.48	10.46	1 -	<b>TOTAL</b>	S				

TOTAL CONN. LOAD KVA

30.86

					PAN	IELE	BOA	RD S	SCHI	EDU	LE		,	
1	ANEL ZN4 YPE NQOB	VOLTS 208/12	MO Ø 3 H MTD. ACE MTD		<b>4</b> _w	MA	INS:_/	25 А ом <u>3</u> -	PZ, /-4	[] 2N,7-	BREA 86	KER GF	OPPER BUS FED FROM: TN4- ROUND BAR INTERRUPTING RATING 10,000A	
	,					BRA	NCH I	BREA	KERS				• .	
Γ	ITEM		СКТ.	СКТ.	L	DAD (N	(VA)	L	DAD (K	VA)	CKT.	CKT.		
L			BRKR.	NO.	A	В	С	A	В	С	NO.	BRKR.	ITEM	
R		RM, 438		1	. 9	·		.6			2	20/1 GF1	WET LAB RM. 438	K
E	FUME HOOD	RM. 439 D	30/2	3		1.7			.6			20/16F1		K
	<b></b>	****	_	5			1.7			. 6	6	20/16F1		K
R	MAMMAL MUSEUM			7	1.26			.9			8	20/1	ICTHS & HERPS MUSEUM RM.44	
R			20/1	9		. 9			.9		10	20/1	GEN. ZOOLOGY RM.441	
R	PHYSIOLOGY LAB	RM. 434		11			1.08	.6		1.08	12	20/1	JANITOR STUDENTS LOUNGE	14
1	FAN/COIL UNITS										14	20/1	ELECT. RM. RM. 436	1
R	COMPUTER OUTLE	.72			1.08		16	20/1	GEN. ZOOLOGY RM.441					
R	GEN ZOOLOGY		1.08			1.08	18	20/1		Æ				
R				1.08			20	20/1		R				
R									1.08		22	20/1		K
R	PHYSIOLOGY LAB	RM. 434	20/1	23			108			1.08	24	20/1	PHYSIOLOGY LAB RM. 43	
R	11		20/1	25	1.08			1.08			26	20/1	<b>H</b>	E
R	11		20/1	27		1.08			1.08		28	20/1		K
R							. 9			1.7	30	30/2	FUME HOOD RM.434	E
E	FUME HOOD	RM.434 A		31	17			1.7			32	_	_	
	The second secon			33		1.7		<b>.</b>			34	2011	SPARE	
-	SPARE		20/1	35							36	20/1	SPARE	L
	SPARE 20/1 37										38		SPACE W/BUS	
$\vdash$	SPACE N/BUS 39										40			
$\sqcup$	41										42			$\Gamma$
	6.93 7.18 5.84									5.54				
					12.89	11.92	11.38	11.38 TOTALS						
						36.19	3	-	FOTAL	. CON	N. LC	DAD KVA		

			PAN	<b>IEL</b> I	BOA	RD S	SCH	EDU	LE		
PANEL LS4 VOLTS 208	120 a3		4 w	344	INC.	125 A					OPPER BUS FED FROM: TS4
□ FLU	SH MTD.			MA.	IINS: TOP			C	LUGS	KER GE	OPPER BUS FED FROM: / UT
YPE NQOB SUF	FACE MTD	<b>)</b> . •	FEEDE	R: 15	BOTT	ом <u>3-</u>	*2,1-	*2N,	1-18	6R,1%	C INTERRUPTING RATING 10,000 A
				BRA	NCH	BREA	KERS				
ITEM	CKT.	СКТ	• 1	OAD (F	(VA)	L	DAD (K	VA)	СКТ.	CKT.	
11 Em	BRKR.	NO.	A	В	C	A	В	С	NO.	BRKR.	ITEM
TOILETS	20/1	1	.3	·		1.7			2	20/2	MONITORED ENVIR. RM.430
MONITORED ENVIR. RM. 43	20/2	3		1.7			1.7		4	_	-
	*****	5			1.7			1.7	6	20/2	MONITORED ENVIR. RM. 430
MONITORED ENVIR. RM. 43	20/1	7	.9			1.7			8	-	
COMPUTER OUTLETS (L)	20/1	9		. 72			1.08		10	20/1	CLASSROOM RM. 444
//	20/1	11			.72			1.08	12	20/1	LAB ASSIST. RM. 448
GEN BOTANY, LAB ASSIST,	20/1	13	1.08			1.26			14	20/1	ANATOMY LAB RM. 433
PHONE BOARD RM. 433	20/1	15		.6			1.2		16	20/1	FAN/COIL UNITS
TV BOX RM. 433	4 20/1	17			.6			1.03	18	20/1	ANATOMY LAB RM. 433
ELECT. RM. RM. 433	A 20/1	19	.6			1.08		1	20	20/1	11
ANATOMY LAB RM. 433	20/1	21		1.08			1.08		22	20/1	
H amount H amount H	20/1	23			1.08			1.08	24	20/1	PREPARATION RM. 441A . 442A
	20/1	25	1.08			.9			26	20/1	GEN. BOTANY RM. 442
PREPARATION RM. 434		27		1.08			1.08		28	20/1	
GENERAL BOTANY RM.442	20/1	29			1.08			1.08	30	20//	11
	20/1	31	1.08			1.08			32	20//	
	20/1	33		1.08					34	20/1	SPARE
SPARE	20/1	35							36	20/1	SPARE
SPARE	20/1	37							38	7	SPACE W/BUS
SPACE W/BUS		39							40		11
April 19 Marie 19 Mar	T	41							42		
		•	5.04	6.26	5.18	7.72	6.14	6.02	<u> </u>	L	
			12.76	12.4	11.2		TOTAL		'		
				6.3		1			N. LO	AD KVA	

panel	schedules
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PANELBOARD SCHEDULE

**BRANCH BREAKERS** 

CKT. BRKR. NO. A B C A B C CKT. NO. BRKR.

**BRANCH BREAKERS** 

31.82 37.97 33.48 103.27

PANELBOARD SCHEDULE

**BRANCH BREAKERS** 

CKT. CKT. LOAD (KVA) LOAD (KVA) CKT. CKT. NO. A B C A B C NO. BRKR.

E FUME HOOD

30/2 7 //7 | 1.08 | 8 20/1 | BID-CHEM, LAB | RM, 338 | RM, 338 | RM, 338 | RM, 338 | RM, 338 | RM, 338 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 339 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340 | RM, 340

**BRANCH BREAKERS** 

 CKT. BRKR.
 CKT. NO.
 LOAD (KVA)
 LOAD (KVA)
 CKT. BRKR.
 CKT. BRKR.

3.26 8.26 8.26 8.0 7.52 698

1626 1578 14.70 47.28

57

RM. 245 20/1 63

VOLTS 208/120 Ø 3

\_\_\_\_ □ LUGS COPPER BUS

22 30/2 STORAGE RM 240K

64 20/1 OFFICES 66 20/1 SPARE

68 20/1 SPARE 70 20/1 SPARE

TOTAL CONN. LOAD KVA

4 W MAINS: 225 A □ LUGS COPPER BUS FED FROM: TN3

46 20/1 SPARE

48 20/1 50

78

TOTAL CONN. LOAD KVA

SPARE

SPACE W/BUS

☐ FLUSH MTD. ☐ TOP ☐ BREAKER GROUND BAR
☐ SURFACE MTD. FEEDER: ☐ BOTTOM 3-#3/0, /-#3/0N, /-#46R,2"C INTERRUPTING RATING /0,000 A

SPACE W/BUS

-----

|

FED FROM: TN2

RM.241 E

RM. 241 E RM.241

RM. 245B R

RM.338

4 w MAINS: 300 A

PANEL LN2

TYPE NOOB

SECTION 1

CANOPY LIGHTS

| --- n ----

SECTION 2

R OFFICES E F.A.P.

SPACE W/BUS

----

| |

SPARE SPARE SPARE

PANEL L N3

TYPE NQOB

SECTION 1

SECTION 2

SPACE W/BUS

----- || ----- || ------\_\_\_\_\_\_ || \_\_\_\_\_\_

\_\_\_\_\_\_ II \_\_\_\_\_ 

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SPARE SPARE

FAN/COIL UNITS

CANOPY LIGHTS

CANOPY LIGHTS, STAIR L.

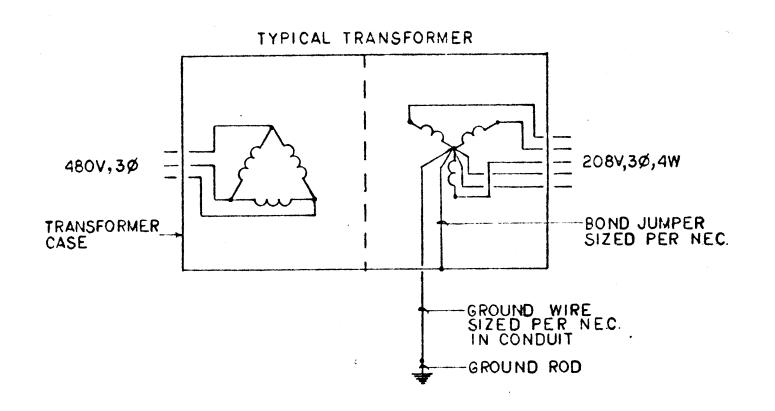
UNDERCOUNTER LIGHTS
STRUCT. TEST LAB. RM 240

- " -- ,, --

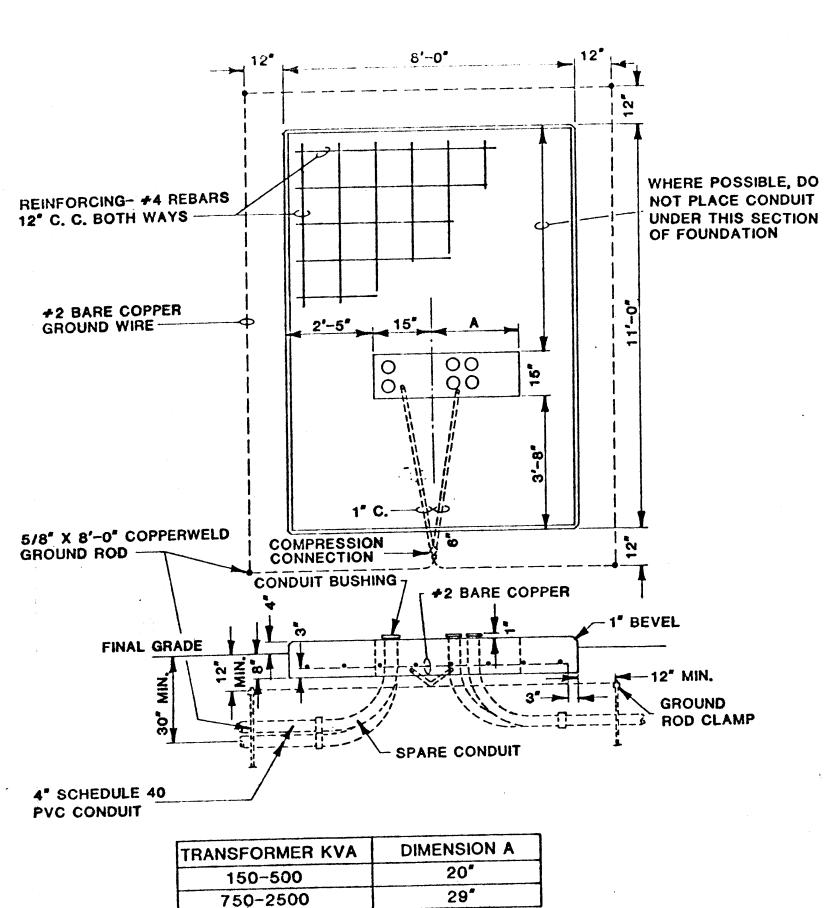
VENDING MACHINE RM.239 20/1 21

VOLTS 208/120 ø 3

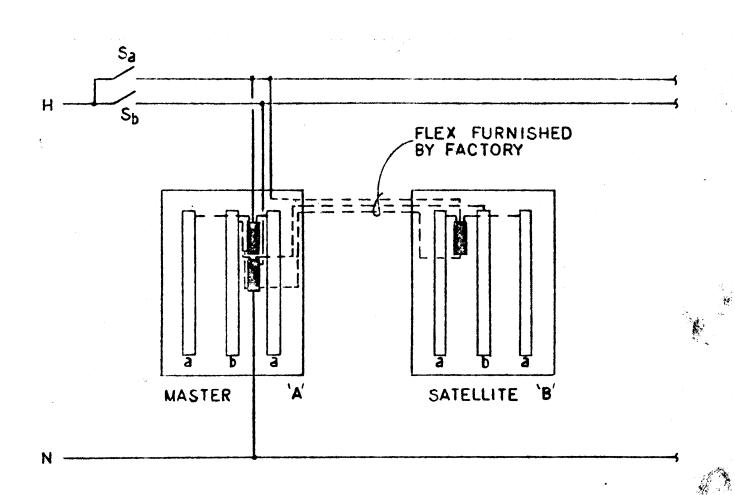
## TRANSFORMER GROUND BUS DETAIL



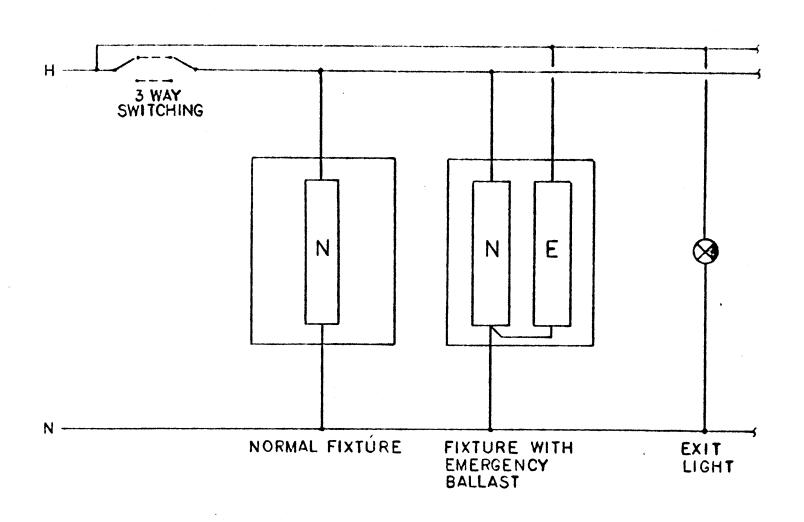
6. TRANSFORMER GROUNDING DETAIL



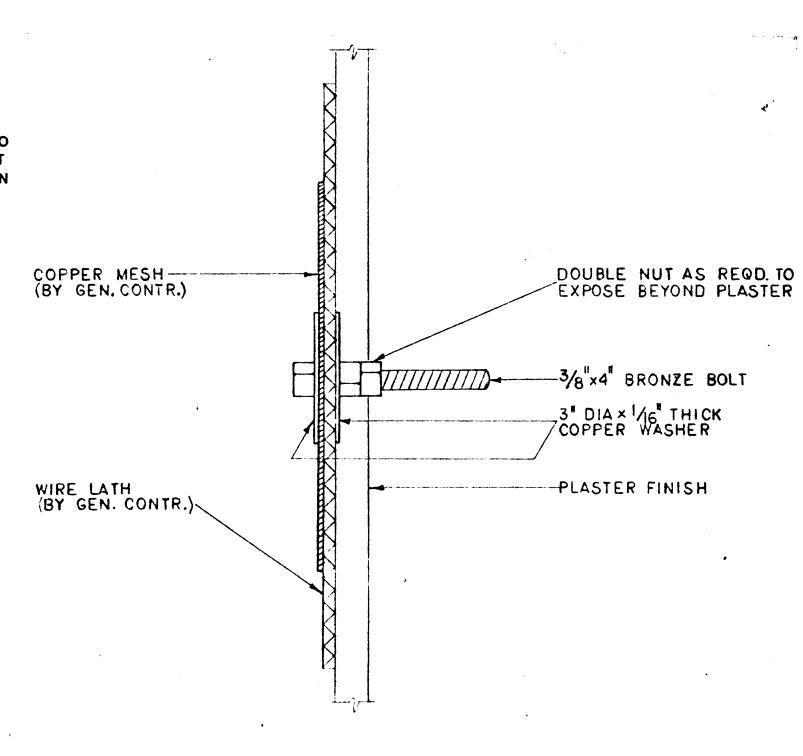
9. THREE PHASE TRANSFORMER PAD DETAIL NOT TO SCALE



## 2. TANDEM FIXTURE SWITCHING DETAIL

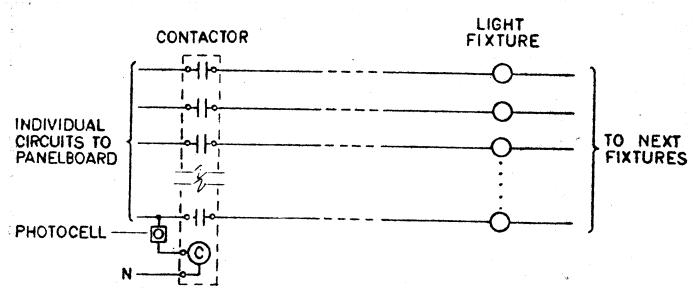


7. EMERGENCY LIGHTING WIRING DETAIL

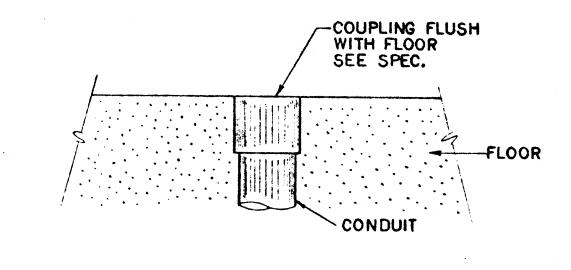


NOTE:
1. LOCATE BOLT WITHIN 2" OF PLASTER CHANNEL AND 6" FROM CORNERS.
2. BOLT OCCURS AT EACH CORNER OF EACH WALL AND AT ALL CORNERS OF CEILING (20 BOLTS/ROOM TYP.).

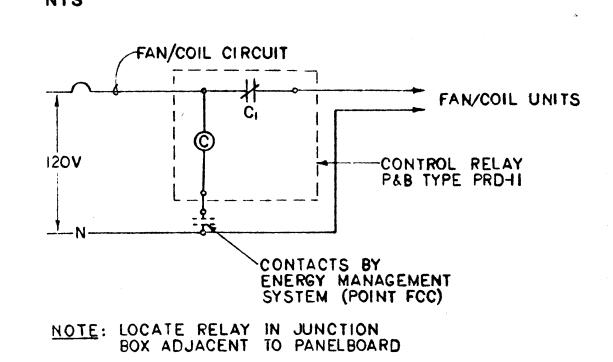
# 10. RF MESH GROUNDING DETAIL



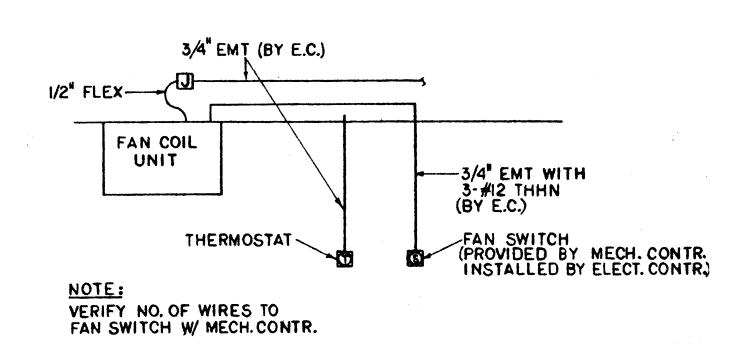
# 3. OUTDOOR LIGHTING CONTROL DIAGRAM



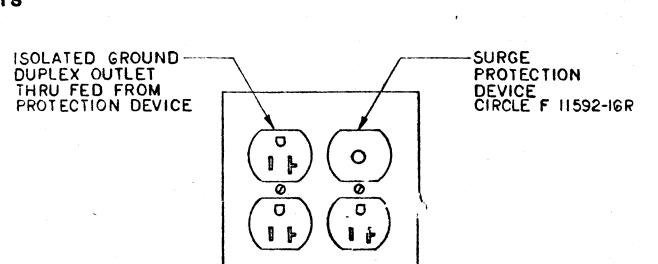
## 4. CONDUIT STUB-UP DETAIL



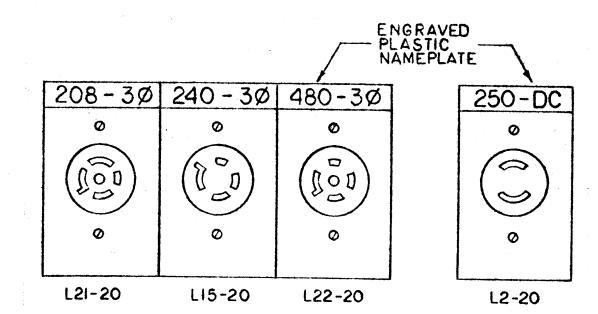
## 8 FAN/COIL UNIT CONTROL DETAIL



# 11. FAN/COIL UNIT SWITCHING DETAIL



electrical details



LAB OUTLET COLOR CODE:

C

PROVIDE MATCHING CAP FOR EACH RECEPTACLE

5. EE LAB OUTLET DETAIL

LABORATORY SCIENCES C

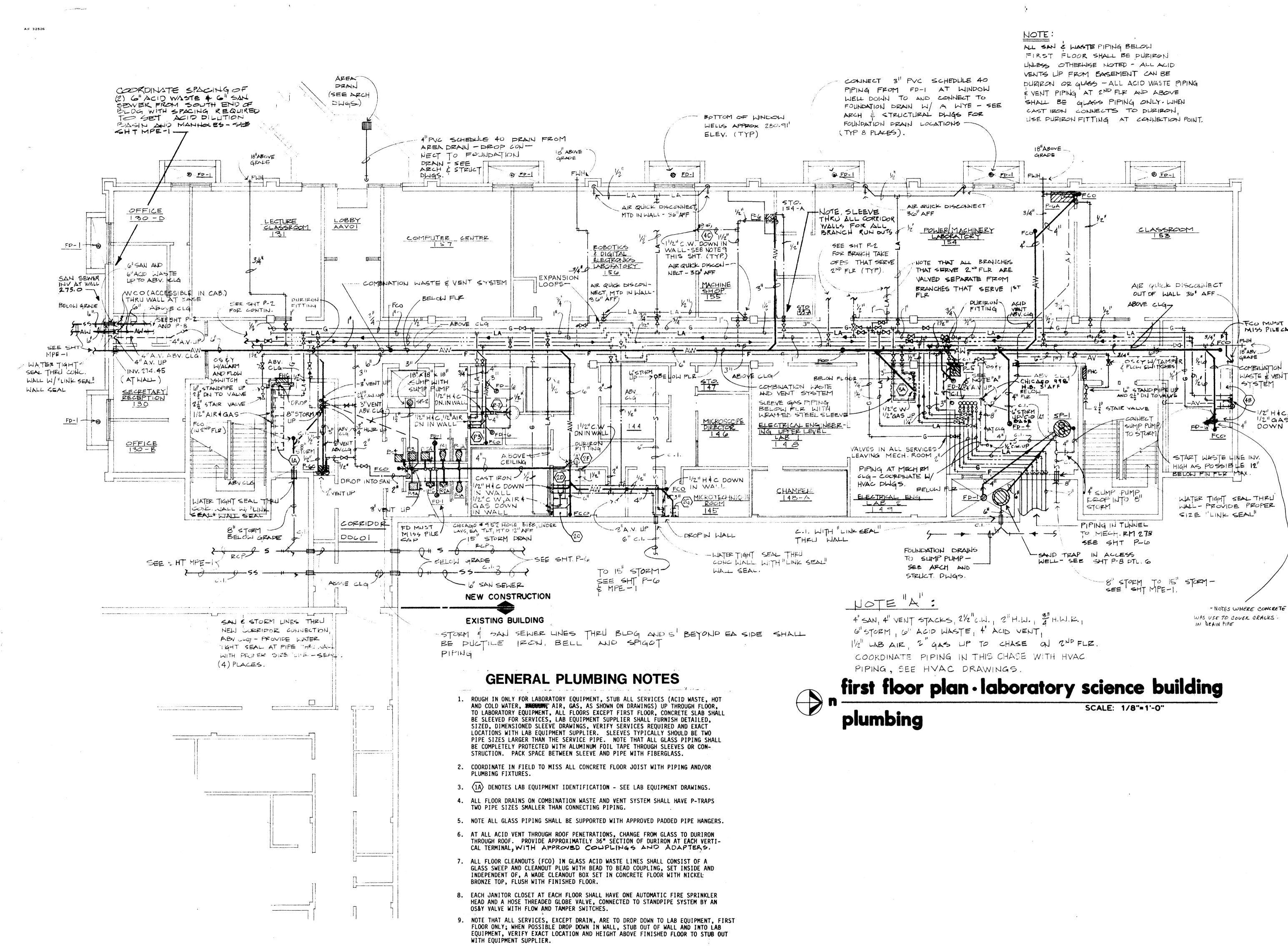
COMM. NO. 10186

E-25

DATE: 6/23/86



12 QUADRAPLEX OUTLET W/ SURGE PROTECTION



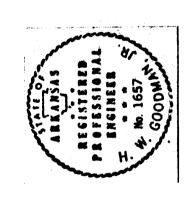
COMM. NO. 1018

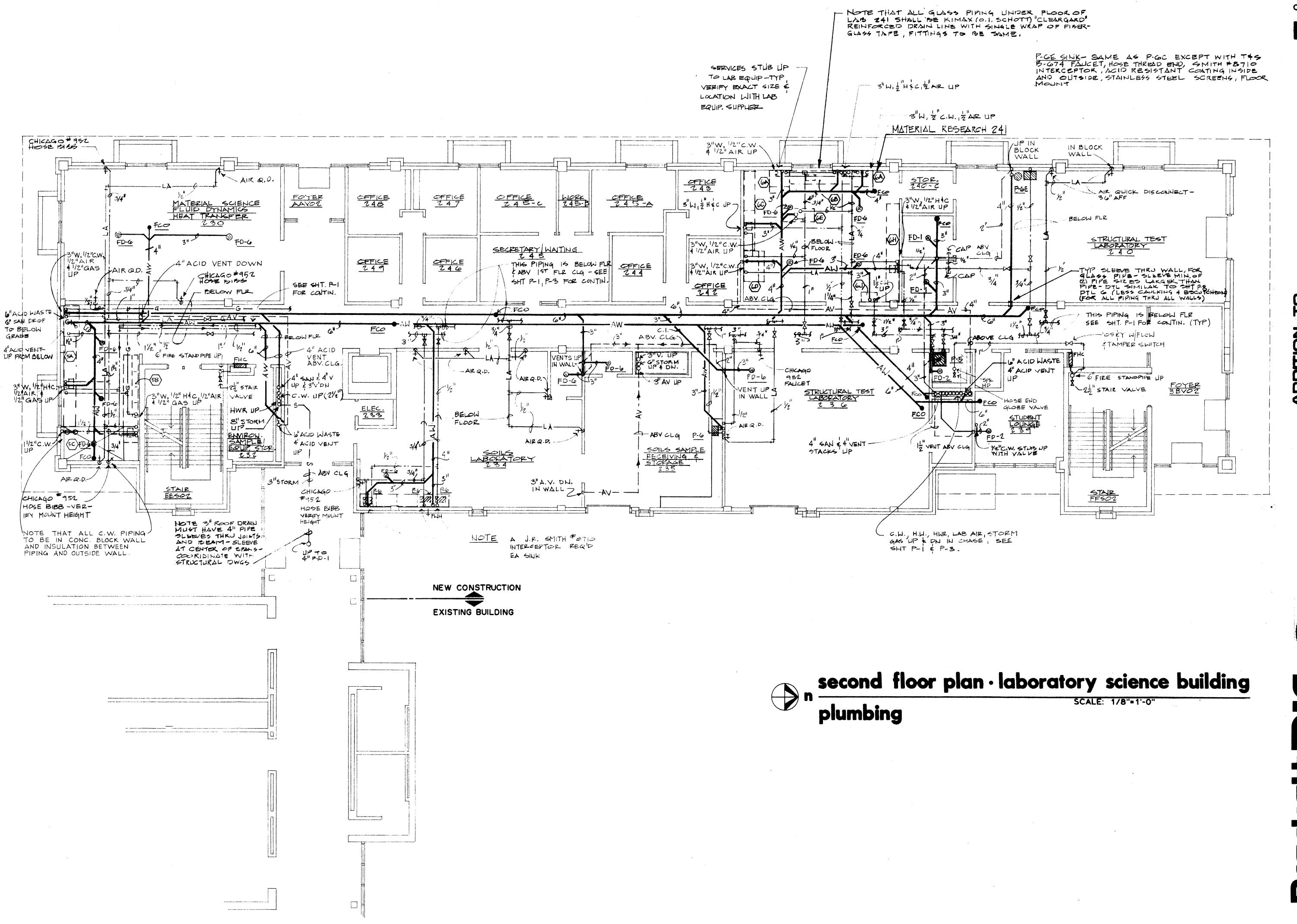
DATE: 8/23/86

MISS PILECAP

DOWN

JONESBORO

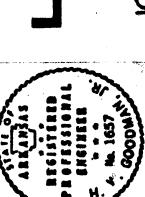




AF 32526

DATE: 6/23/86

**ARKANSAS** 



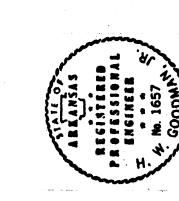


AF 32526

COMM. NO. 10186

DATE: 6/23/86

**ARKANSAS** 

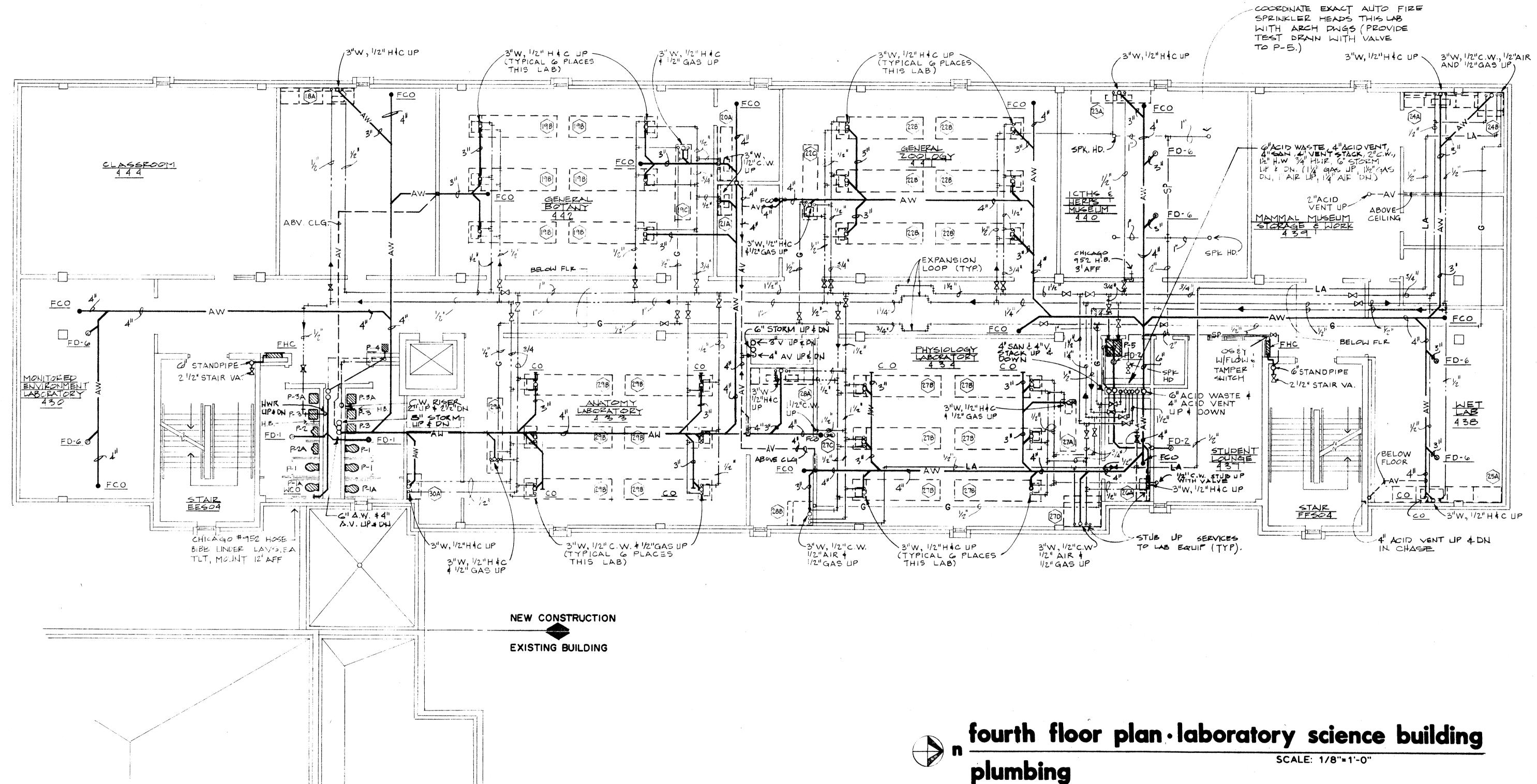


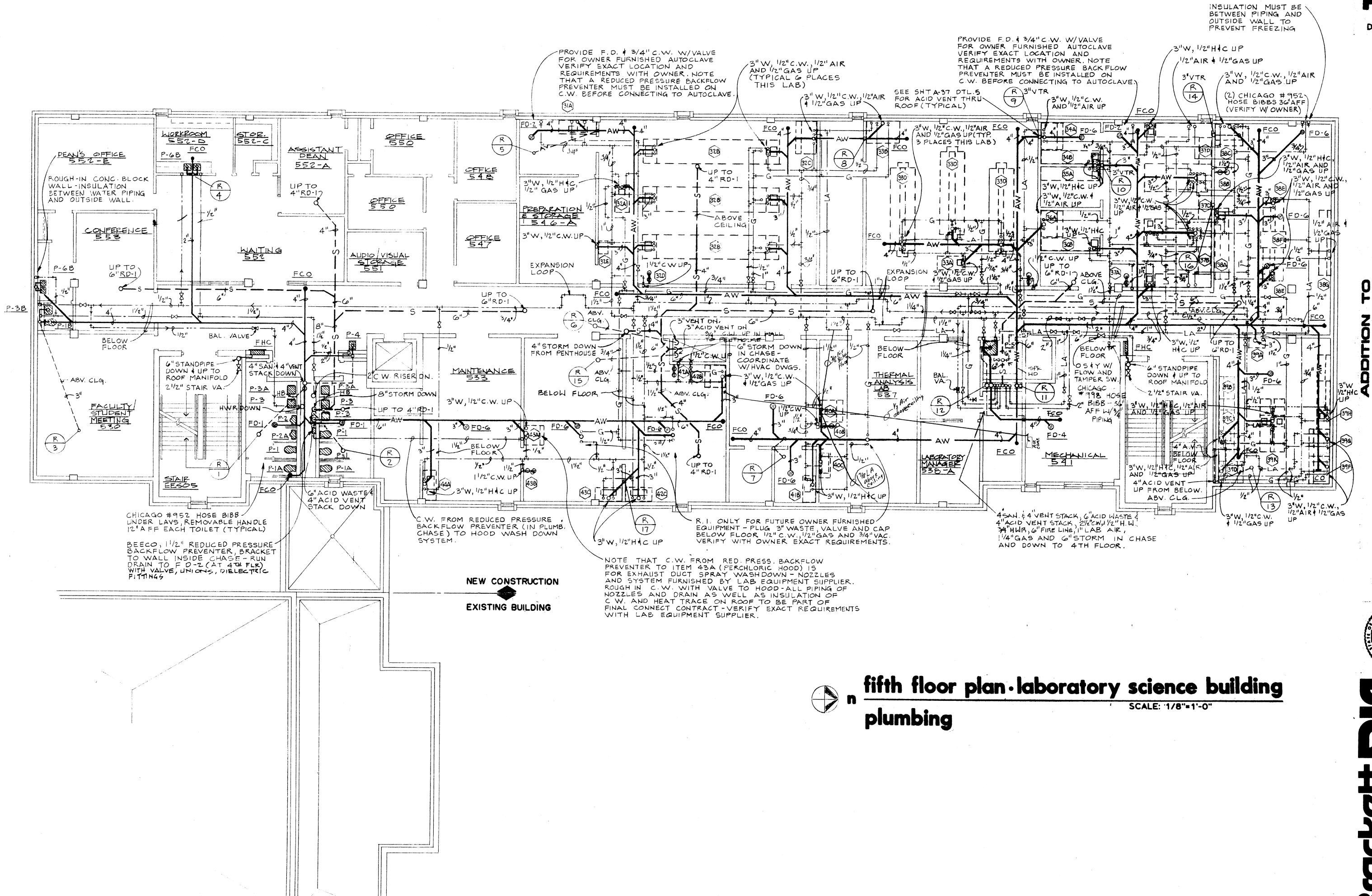




MICHELLA SOOOM NO. OF SOOOM NO.



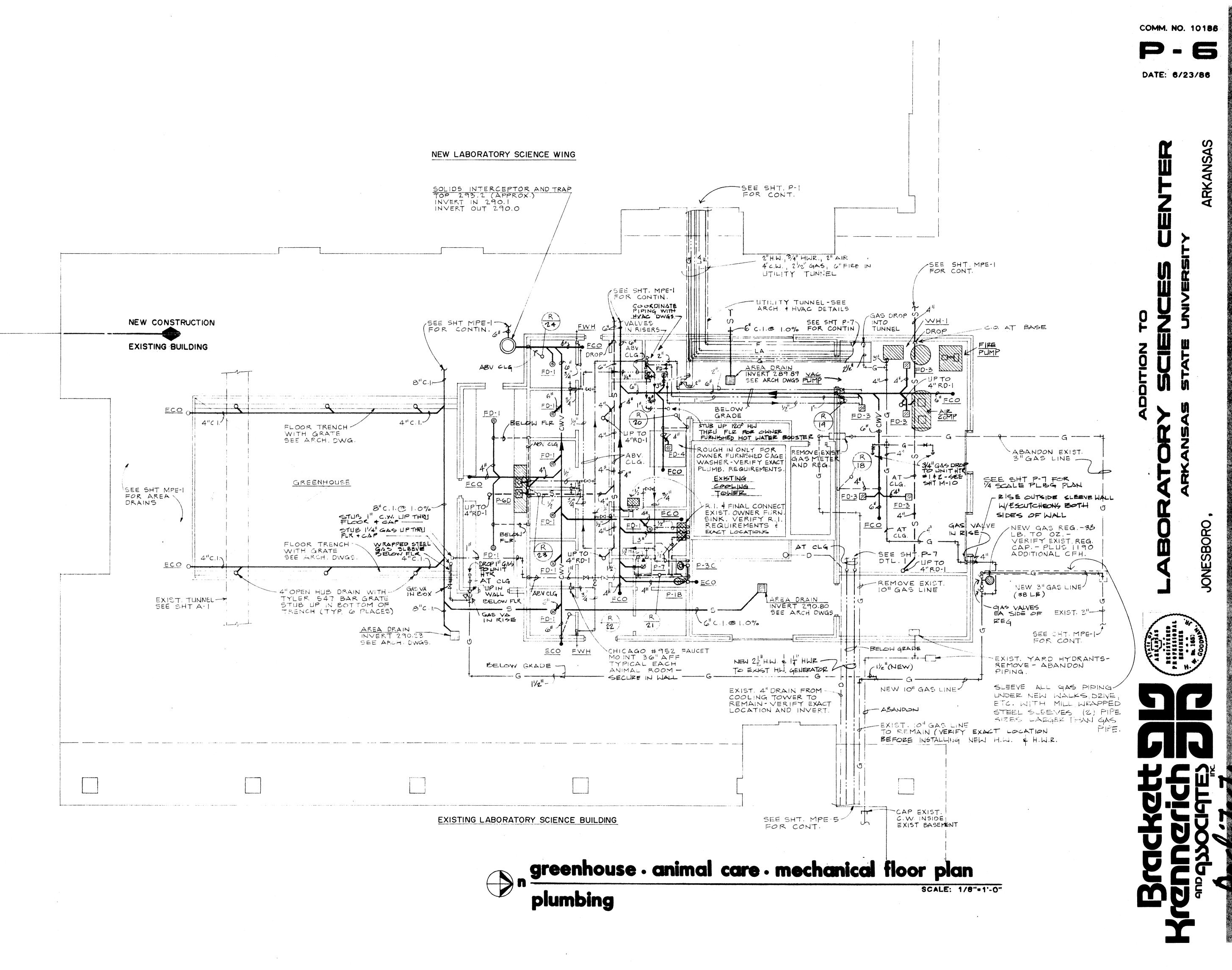


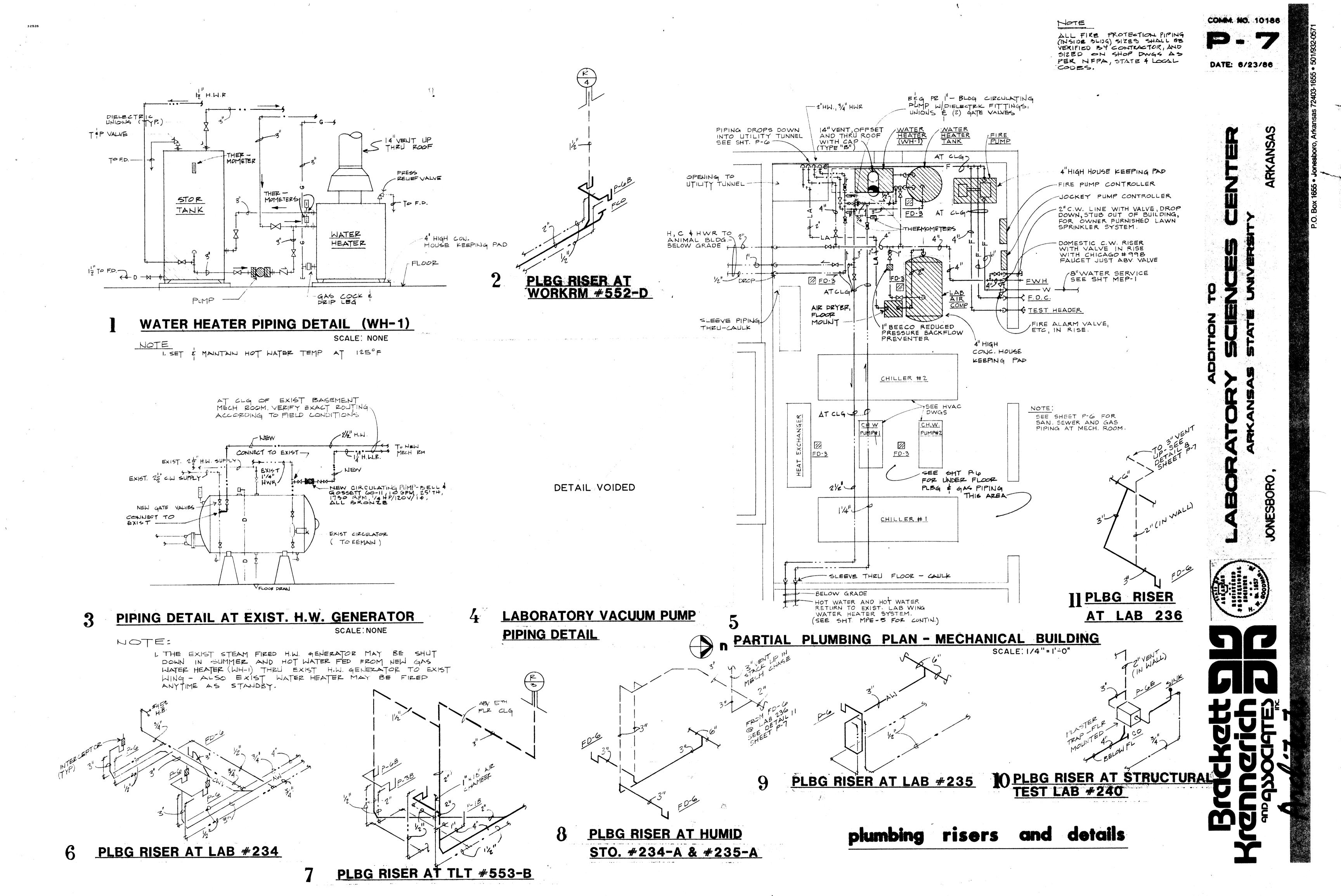


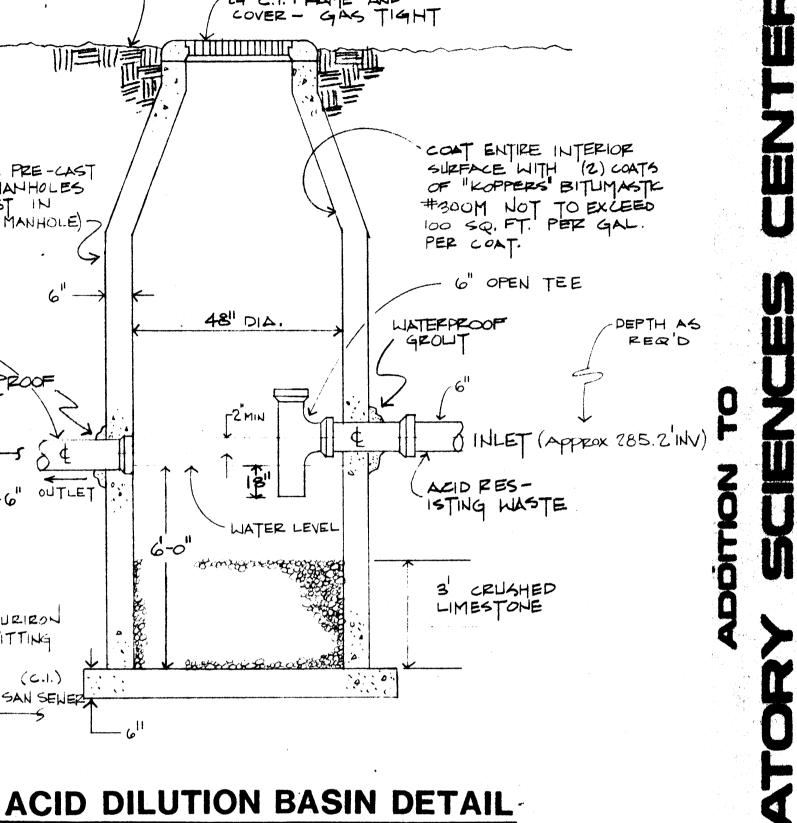
COMM. NO. 10186

DATE: 6/23/86

ANSAS







DATE: 6/23/86

ARKANSAS

24" C.I. FRAME AND COVER - GAS TIGHT

-24" C.I. FRAME AND HEAVY DUTY STEEL GRATE

M.H. STEPS @ IE" O.C. (TYP)

FOUNDATION DRANS - SEE

PLANS, FOR SIZE & ELEV.

<u> АППППППП</u>Б

C.I. ELBOW-

SAND TRAP

SAND TRAP DETAIL

4'-0"

NO SCALE

4-0" I.D. PRE-CAST CONC. MANHOLES (OF CAST IN PLACE MANHOLE) 48" DIA. DURIRON PIPING WATERPROOF F2 MIN

GRADE APPROX 288.2

- DURIRON

FITTING

NO SCALE

CONC. SLAB @ ACCESS WELL SEE SHT A-25

4'-0" I.D PRE-CAST->/

C.I PIPE SAME SIZE AS INLETT

OF CAST IN

PLACE MAN-

HOLE)

OUTLET TO SUMP (

PUMP (SP-1) SEE

DTL THE SHEET

INV APPROX

SEE SHT MPE-1

SURFACE WITH (2) COATS OF "KOPPERS" BITLIMASTIC #300M NOT TO EXCEED 100 SQ, FT. PER GAL.
PER COAT. 6" OPEN TEE WATERPROOF GROUT ACID RES-ISTING WASTE WATER LEVEL 6-0"

IST FLOOR sewer Line ELEVATOR PIT

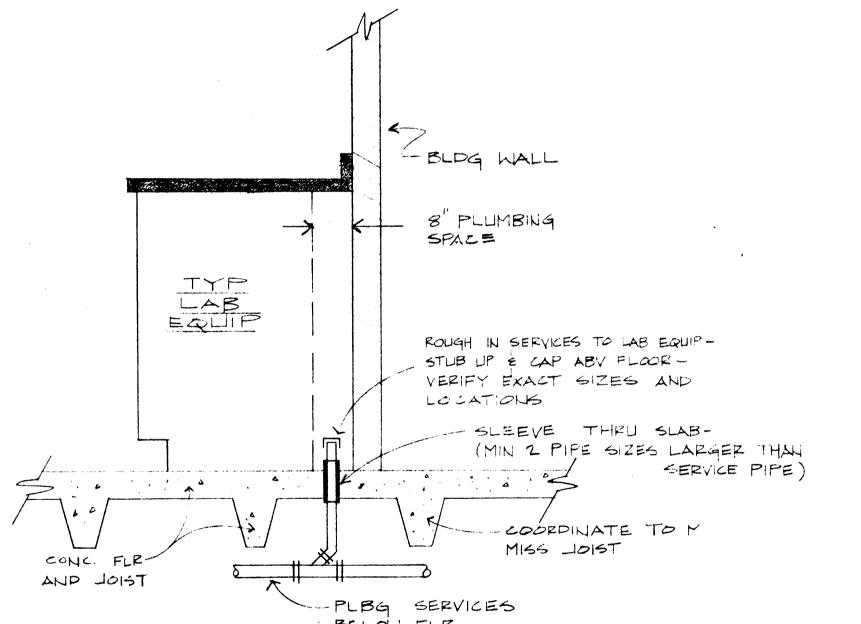
NOTE: 1. SUMP PLMP IN 18" X 18" X 18" CONCRETE PIT BELOW ELEVATOR PIT. 2. FOR LOCATION, SEE IST FLOOR PLAN, SHEET P-1.

NO SCALE

## 2 SUMP PUMP DETAIL (SP-2)

GATE VALVE

CHECK VALVE



## 4 SOLIDS INTERCEPTOR AND TRAP DETAIL

00000000

CAST IRON
PIPE #
FITTINGS

PIPE PASSING THROUGH FLOORS OR SLABS SHOULD BE FITTED WITH PIPE SLEEVE AT LEAST 2" GREATER IN DIAMETER THAN

INSTALL COUPLING WITHIN 6" OF FLOOR OR SLAB TO GIVE

GLASS PIPE NOTES

FLOAT

MANHOLE

HI-WATER-

C.I. BASIN-

4" FROM FD)

BASIN 5

36"MIN

NO SCALE

FIN. GRADE

INLET -- 8 TO

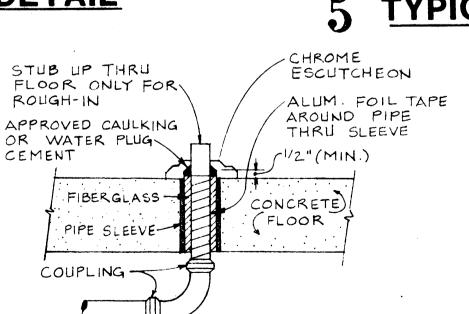
6 FROM SAND TRAP -SEE DIL THIS

BASIN COVER

2. PACK SPACE BETWEEN PIPE AND SLEEVE WITH FIBERGLASS

AF 32526

- NOTE: FOR FIRE, WATER OR EXPLOSION PROOF FLOORS, PACK TOP OF SLEEVE WITH CAULKING MATERIAL OR WATER PLUG CEMENT.



3" CHECK VALVE (TYPICAL)

GATE

PLAN

CHECK VALVE

GAS-TITE LOVER

- CAST- IRON BASIN

HI- WATER LINE

SECTION -ELEVATION

300 LB. CAST IRON RING & COVER NEENAM R-1874-C OR EQUAL

- 30" DIA. CONC. OR CLAY TILE PIPE

FLOAT CONTROL SWITCHES

MOTOR

LOW-WATER LINE

SUMP PUMP DETAIL (SP-1)

4" PISCHARGE UP / TO 8" STORM AT

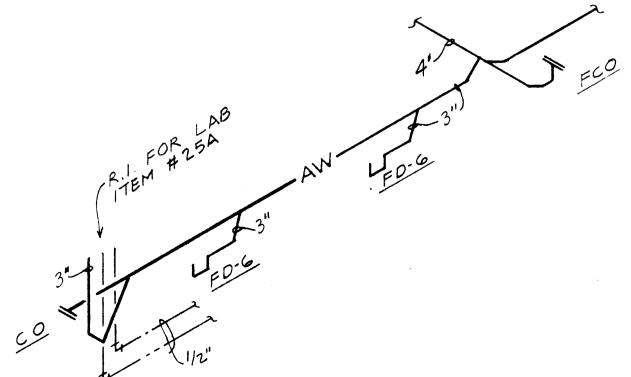
SUPPORT W/BLOCK

AS REQ'D

CLG - SEE SHT P-1

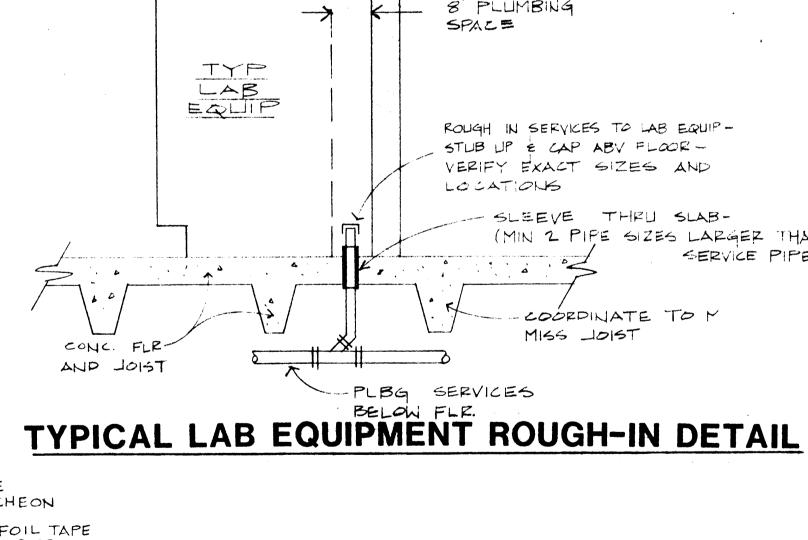
MECH RM CLG

6 TYPICAL GLASS ACID WASTE PIPE ROUGH-IN FOR LAB EQUIPMENT

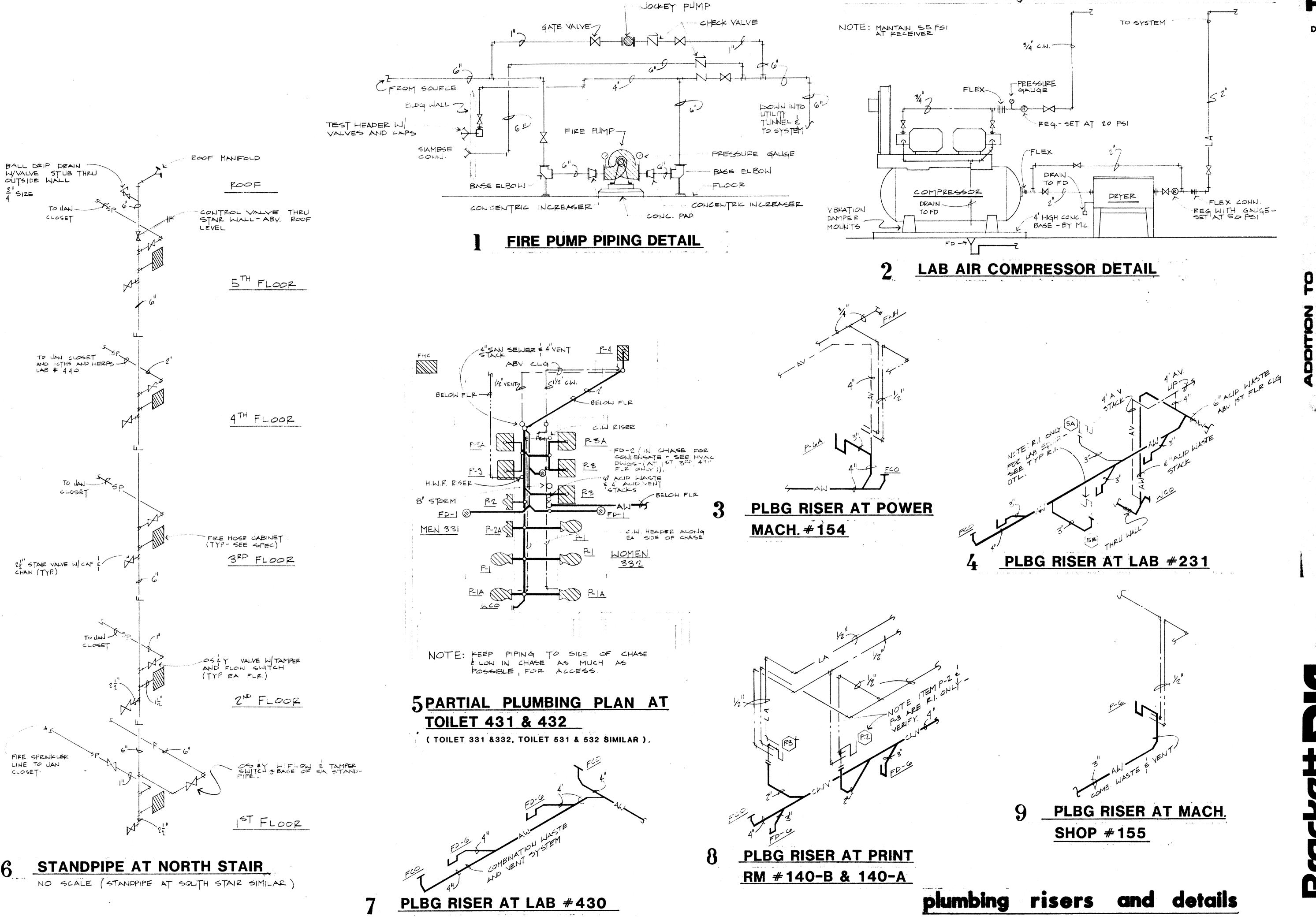


PLBG RISER AT WET LAB #438

plumbing risers and details



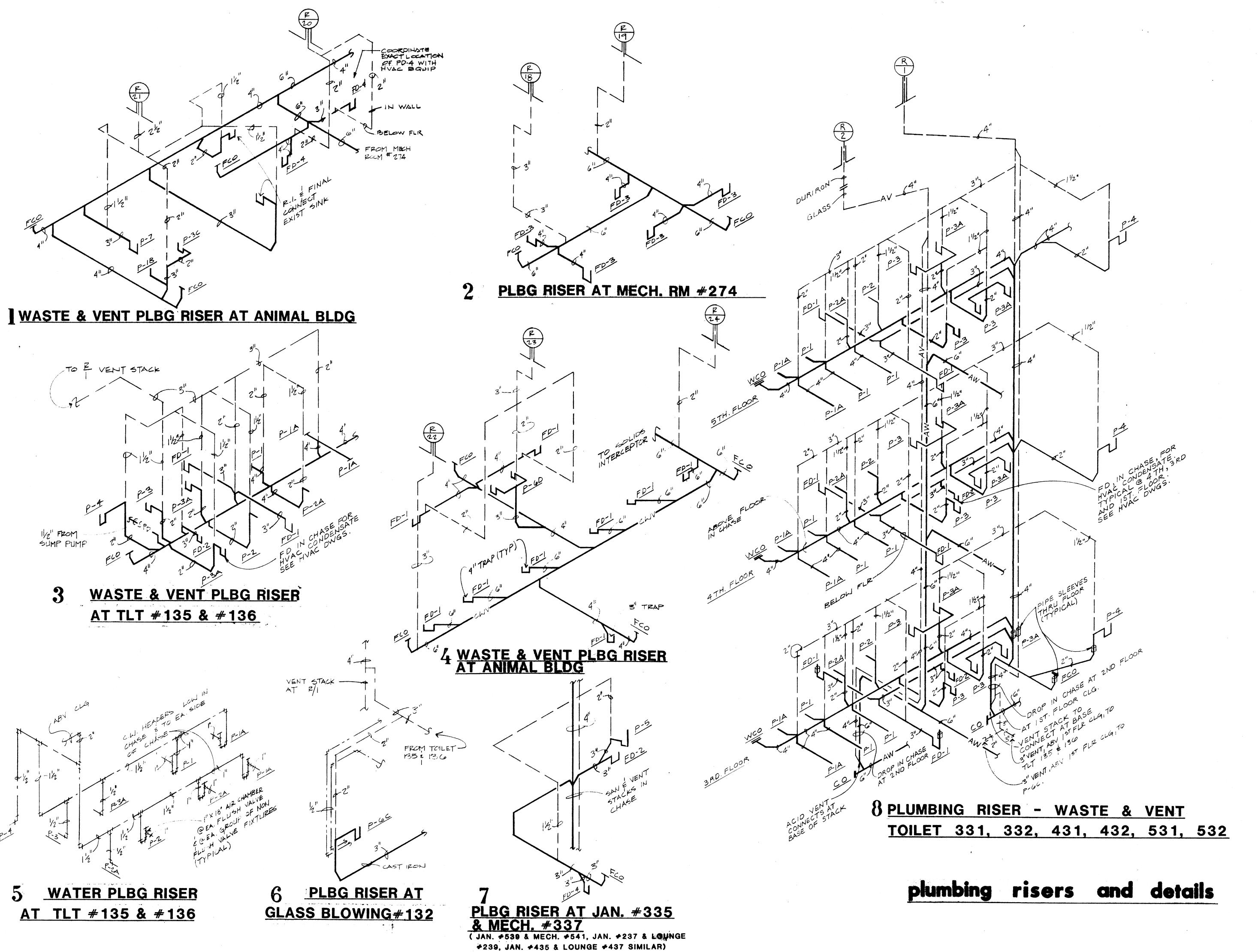
SUMP PLIMP (SP-2)



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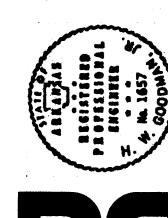
DATE: 6/23/86

ROOF \



P-10

DATE: 6/23/86





DATE: 6/23/86

NOTE: CONNECTIONS TO EQUIP. MAY OCCUPAR THIS ON

MALL CAB. (1 REQ.)

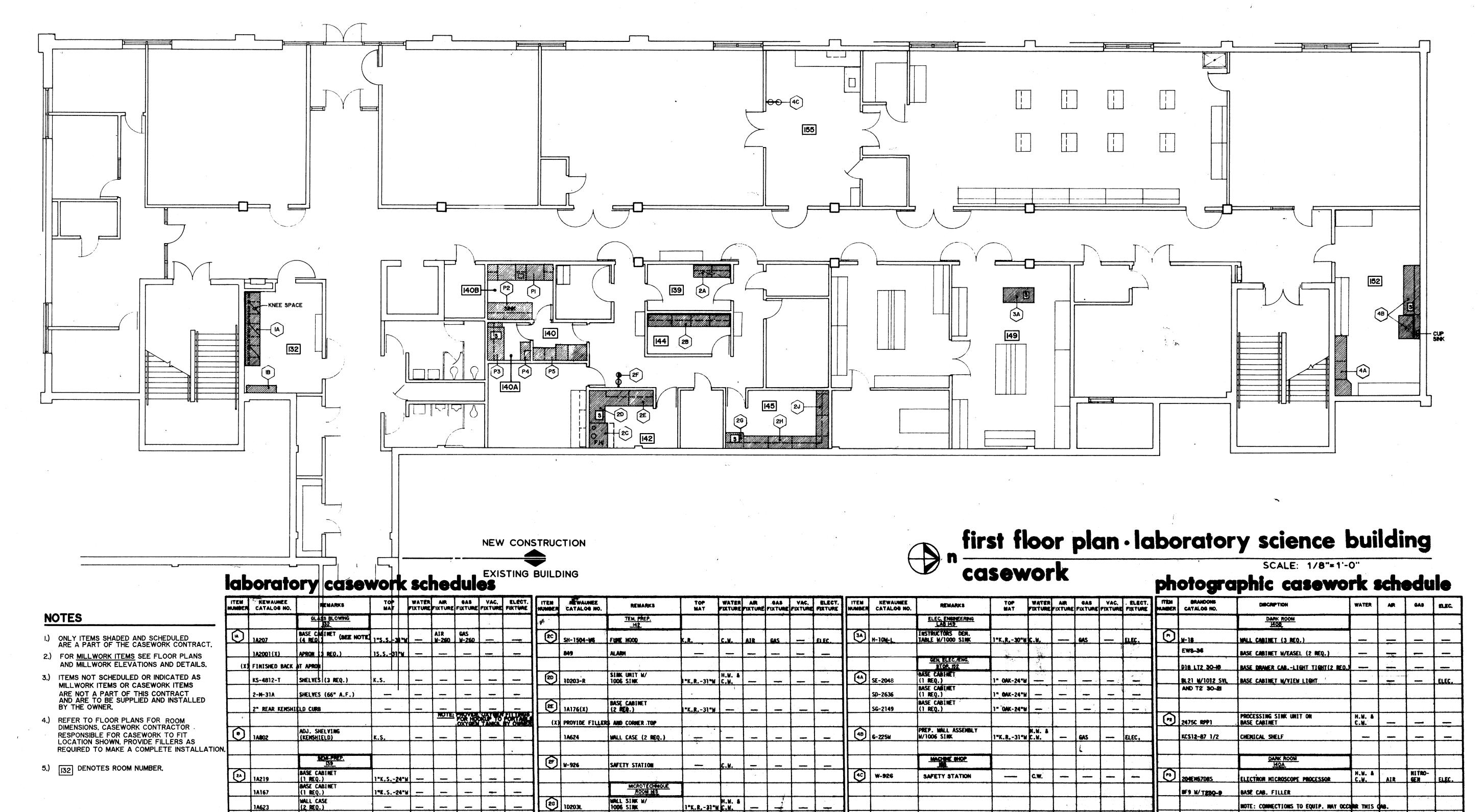
THE LOCK

MYTE: 1 TOP COVERS BOTH BASE CABINETS

TORAGE CABINET (2 REQ.)

MASE CABINET

024 M/TENO-GO DIE CABINET & TOP



10911

2J A175(X)

(X) WITH FILLER

(X) WITH FILLERS & PROVIDE CORNER TOP

(X) WITH FILLERS

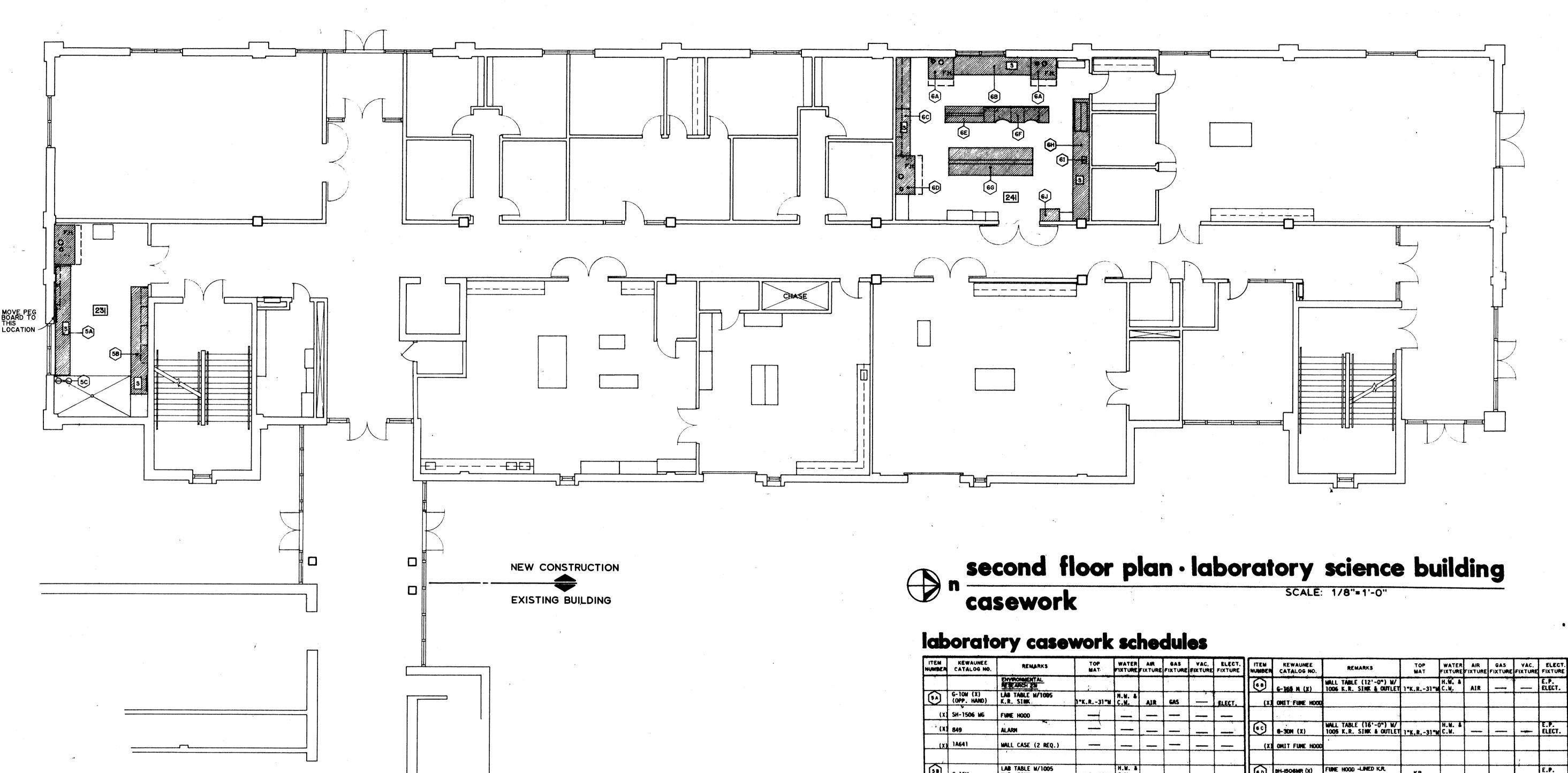
(X) WITH FILLERS

MALL CASE (3 REQ.)

PES BOARD

BASE CABINET (3 NEQ.)

MALL CASE 1 NEO.) N/FILLER



MATERIAL
RESEARCH 241

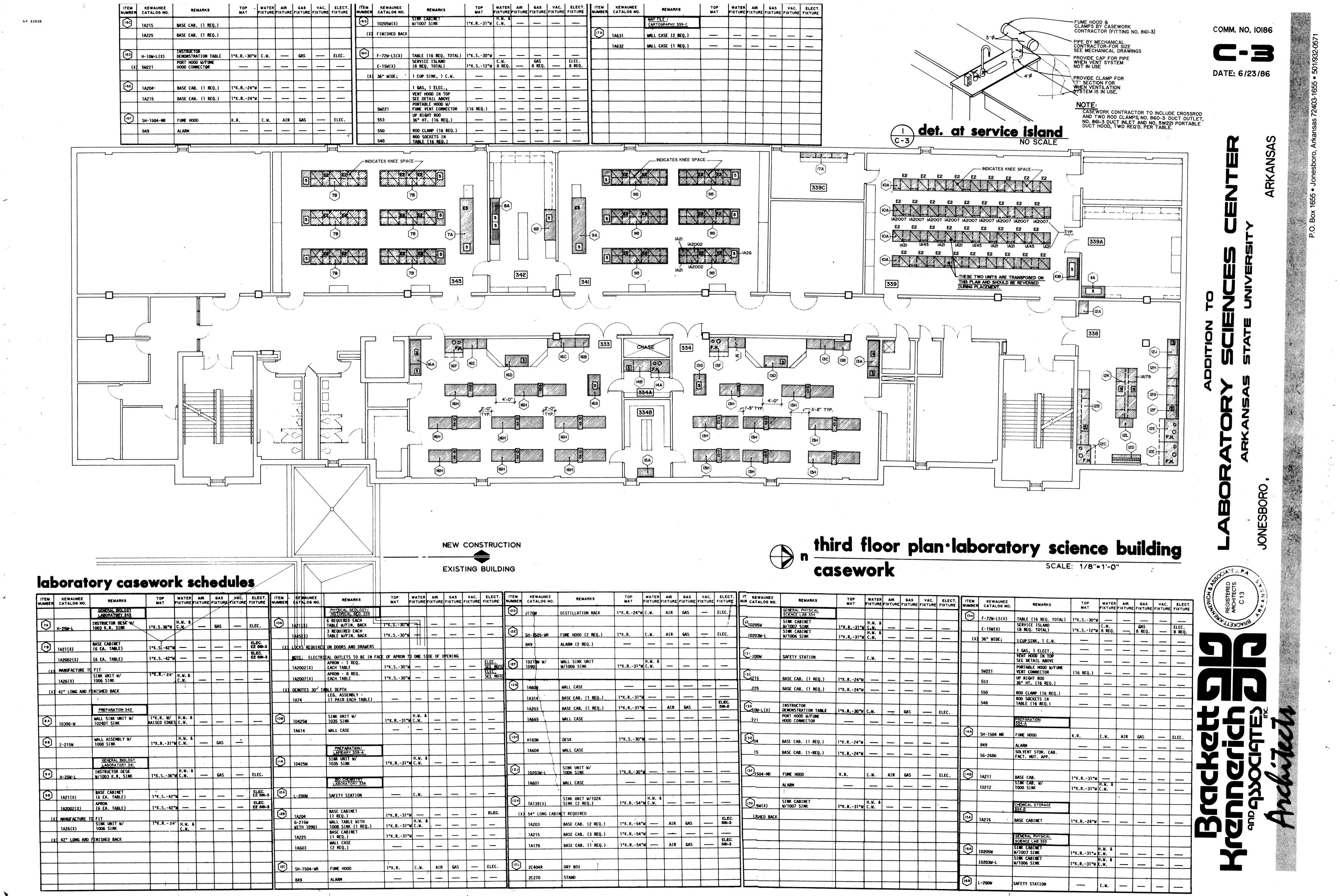
6A SH-1574MS (X) FUNE HOOD
(ISOTOPE HOOD)

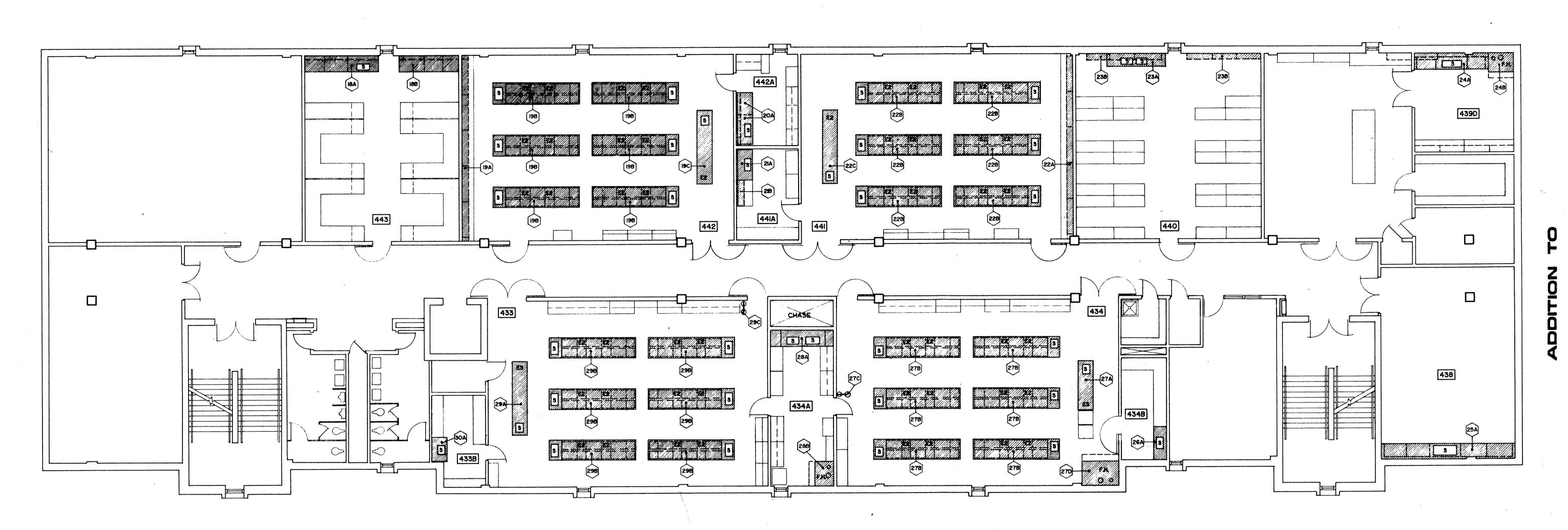
SOL. STOR. CAB. (FACTORY NUTUAL APP

2C350-20R GLOVE BOX
CORNER TOP M/ STRUT
B FIN. FRONT

① L-200

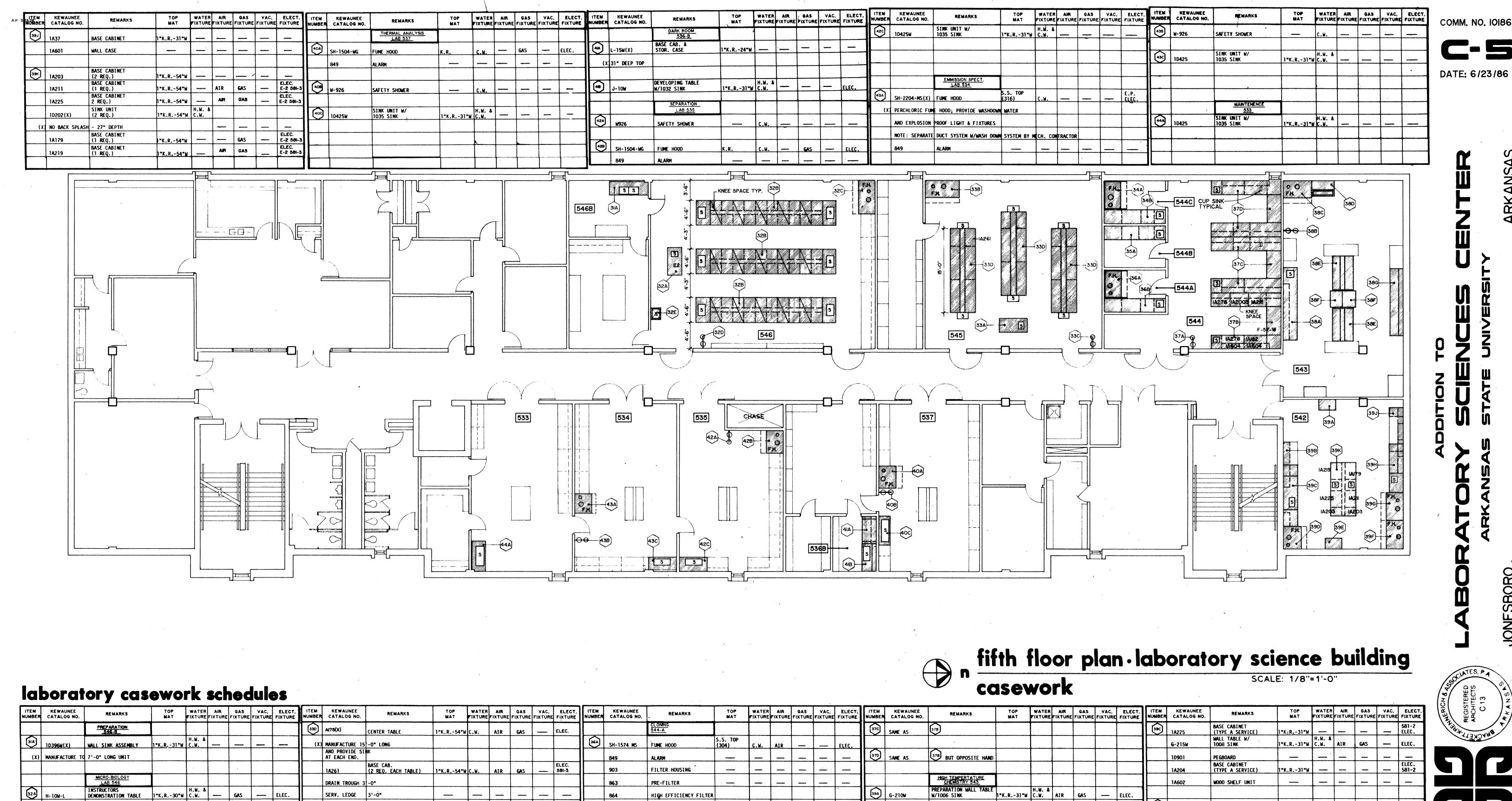






## n fourth floor plan·laboratory science building

ICI	ora	rory case	ewor	K 2	CN	ea	ule	3																											i
ITEM NUMBER	KEWAUNEE CATALOG NO	REMARKS	TOP MAT	WATER	AIR FIXTURE	GAS FIXTURE	VAC.	ELECT.	ITEM NUMBER	KEWAUNEE CATALOG NO.	REMARKS	TOP MAT	WATER FIXTURE	AIR FIXTURE	GAS	VAC, E	ELECT.	ITEM NUMBER	KEWAUNEE CATALOS NO.	REMARKS	TOP MAT	WATER FIXTURE	AIR FIXTURE	GAS FIXTURE	VAC, FIXTURE	ELECT. FIXTURE	ITEM NUMBER	KEWAUNEE CATALOG NO.	REMARKS	TOP MAT	WATER FIXTURE F	AIR FIXTURE F	GAS FIXTURE	VAC. FIXTURE	ELECT.
~		LABORATORY ASSISTANTS 443							218	1A604	WALL CASE		_			-		248	SH-1504-WG	FUME HOOD	K.R.	C.M.	AIR	GAS		ELEC.			PREPARATION AND STORAGE 434-A						i
[8A	1A168	BASE CABINET (2 REQ.)	1"K.R24"	,	<b>—</b>														<sub></sub> 849	ALARM							20A	1D390W(X)	SINK UNIT	1"K.R31"W	H.W. &				
	1A140	SINK CABINET W/1031 SINK	1"K.R24"	C.W. &							GENERAL ZOOLOGY 441															1	(X)	ADD TOP AT COR	HERS						ĺ
		****			<u> </u>	1	1		224	1A644	WALL CASES W/ FILLERS (5 REQ.)	**********								WET LAB							·		¥						
108	1A168	BASE CABINET	1"K.R24"		<u> </u>					15								25A	ID425W	WALL SINK W/ 1035 SINK	1"K.R31"	H.W. &					200	SH-1504-MG	FUNE HOOD	K.R.	C.W.	AIR	GAS		ELEC.
	1A167	BASE CABINET (2 REQ.)	1"K.R24"	1					228	1A21(X)	BASE CABINET (6 REQ. EACH TABLE)	1"K.S42"W					LEC. -2 581-8		1A168	BASE CABINET (4 REQ.)	*					advantables.		849	ALARM						
	17.107	12 124.7	N.R. 24	•						1A2003(X)	APRON	1"K.S42"W																							
		GENERAL BOTANY 442			1						O FIT 20" DEPTH	1 K.S. 42 W								STORAGE 434-B									ANATOMY LAB 433					-	1
199	1A644	WALL CASES W/ FILLERS (5 REQ.)		<b>†</b>					<del>  ``</del>	1A26(X)	SINK UNIT W/ 1031 SINK	1"K.R42"W	H.W. &					26A	10365	SINK UNIT	1"K.R31"	H.W. &					29A	H-30-W-R	INSTRUCTORS DEM. TABLE W/1003 SINK	1"K.R30"W	H.W. &		GAS		ELEC.
	18044	FILLERS (5 REV.)		<del> </del>	Ŷ		-				0 42" LENGTH; PROVIDE FIN	SENEU BACK	1						10906	PEG BOARD									177000						1
198	1401(%)	BASE CABINET	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		<u> </u>	<del> </del>	<del>                                     </del>	ELEC.	1	A MANORACIONE	U 42 CENGIN, PROVIDE FIR	DIED WEK							15500	v/							299	1A45(X)	BASE CABINET (6 REQ. EACH TABLE)	1"K.S42"W					ELEC. E-2 501-
	1A21(X) 1A2003(X)	(6 REQ. EACH TABLE) APRON (6 REQ. EACH TABLE)	1"K.S42"		+=	1		E-2 561-6	220	H-30W-R	INSTRUCTORS DEM. TABLE W/1003 SINK	1"K.R30"W	H.W. &		GAS .	E	LEC.			PHYSIOLOGY LAB 434								1A2002(X)	APRON (6 REQ. EACH TABLE)	1"K.S42"W	1				
	T	TO FIT 20" DEPTH	1 K.342	•			<del> </del>			n-30w-k	TABLE W/ TOUS SINK	1 K.R30 W	10.4.					27A	H-15W-R	INSTRUCTORS DEM. TABLE W/1035 SINK	1"K.R31"	H.W. &		GAS		ELEC.	(x)		FIT 20" DEPTH						<del></del>
<del>  '</del>		SINK UNIT W/	1"K.R42"		1	1	<u> </u>		<b>   </b>		ICTHS AND HERPS		1				,			TABLE W/ 1033 31MK	1	-					1	10343-R(X)	SINK UNIT M/1006 SINK	1"K.R24"	H.W. &			<u> </u>	
	1A26(X)	1031 SINK		C.W.	+==				23A				H.W. &					278	1A45(X)	BASE CABINET (6 REQ. EACH TABLE)	1"K.S42"	¥				ELEC. E-2 591-6	(x)	42" WIDE AND F		1°K.K27	U.W.				
-0	MANUFACTURE	TO 42" LENGTH; PROVIDE F	INISHED BACK	+	<u> </u>	<b>-</b>	-	<u> </u>	1150	1D396-W	WALL SINK ASSEMBLY	1"K.R24"N	C.W.							APRON								42 WIDE AND I	INTO DACK		1				
[9C]		INSTRUCTORS DEM. TABI		H.W. 8		-	+		238		WALL CASES								1A2002(X)  MANUFACTURE TO	(6 REQ. EACH TABLE)	1"K.\$42"	<b>V</b>					290	unne	SAFETY STATION						
	H-30W-R	W/1003 SINK	1"K.R30"	W C.W.		GA3	-	ELEC.		1A624	(6 REQ. TOTAL) -		+=-		, <del></del> -	_		/ <del>  `</del>	10343-R(X)	SINK UNIT W/	1"K.R24"	H.W. &						M350	SAFETY STATION	******	C.W.				
-		PREPARATION/ STORAGE 442-A					<del>                                     </del>		<b>{</b> }──		PREP LAB	1	-					1	1	1006 SINK	1"K.K24"	C.W.	<b></b> _						STORAGE 453-B		+				<b>—</b>
<u></u>	10205-W	SINK CABINET			-	1	+						+						) 42" WIDE AND	FINISHED BACK											H.W. 8				
		W/1031 SINK	1"K.R31"	W C.W.	+=	+=	-			1A139	SINK UNIT	1"K.R31"	1	1	1			(P)								<b></b>		103908	SINK UNIT	1"K.R31"W	C.W.				-
-	10906	PEG BOARD				-	-		<b>{</b>	SM-16 W/482		1"K.R31"	H. W. A						W926	SAFETY STATION		C.W.	<del> </del>				<b> </b>							-	
	IAI67	BASE CAB.	1"K.R31"	<u> </u>	<del> </del>				<b>{├</b> ─	W-34Y	SERVICE FITTING		C.W.		1			15					<del> </del>				<b> </b>	,	-			-		-	<b>—</b>
-		PREPARATION/			-	<del> </del>	-	,	1	10916	PEG BOARD				7			152	SH-1506-NG		K.R.				1	ELEC.	<b> </b>				+	+		-	-
<b>—</b>	<u> </u>	PREPARATION/ STORAGE 44-A							<b>∤</b>	1A167	BASE CAB. (2 REQ.)	1"K.R31"	<u> </u>	<del> </del>	<del>/-</del>			11	849	ALARM		-		_			<u> </u>			_	+	-			
[214]	10205-W	SINK CABINET N/1031 SINK	17K#R31"	W C.W.					] [	1A604	WALL CASE												1		<u> </u>	1	<b>{</b>	<u> </u>							



10202W

KW-5-1A(X)

MANUFACTURE TO FIT & PROVIDE

PROVIDE ADDITIONAL UNIT

FILTER HOUSING

SINK UNIT
BASE CABINET
(2 REQ.)

RADIOACTIVE COUNTING 544-B

SINK UNIT

.W. AIR GAS

32E 1D323W(X)

(X) FOOT OPERATED FAUCET

SAFETY STATION

BIO-TECHNOLOGY RESEARCH 544

SINK UNIT BASE CABINET ( | REQ. ) BASE CABINET ( 2 REQ. )

BASE CABINET (2 REQ. TOTAL)

WOOD SHELF UNIT (2 REQ.)

39A L-200M

SOLVENT STOR. CAB. FACT. MUTUAL APP.

STAND FOR DRY BOX

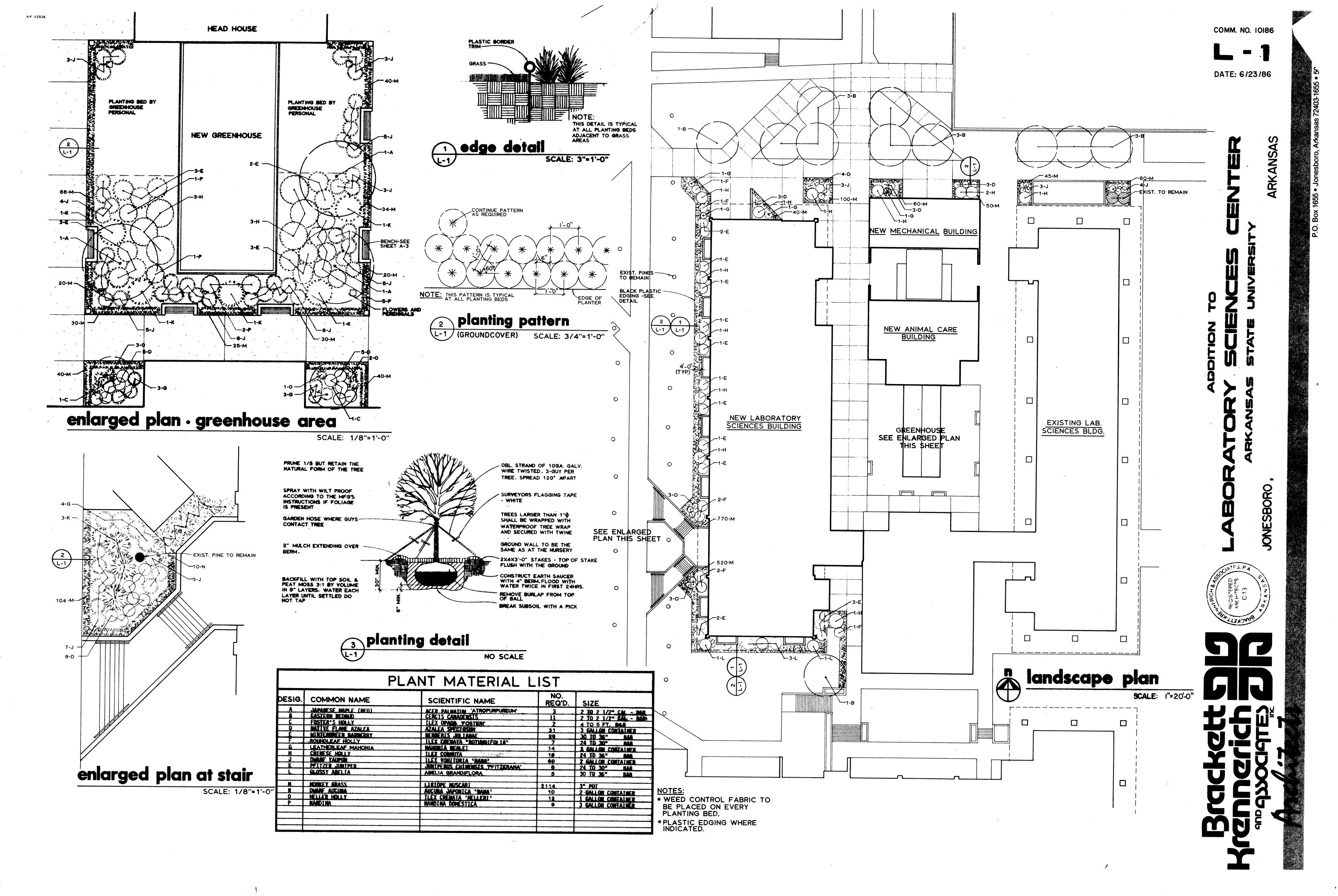
ACID STOR. CAB. F-1356 VENT

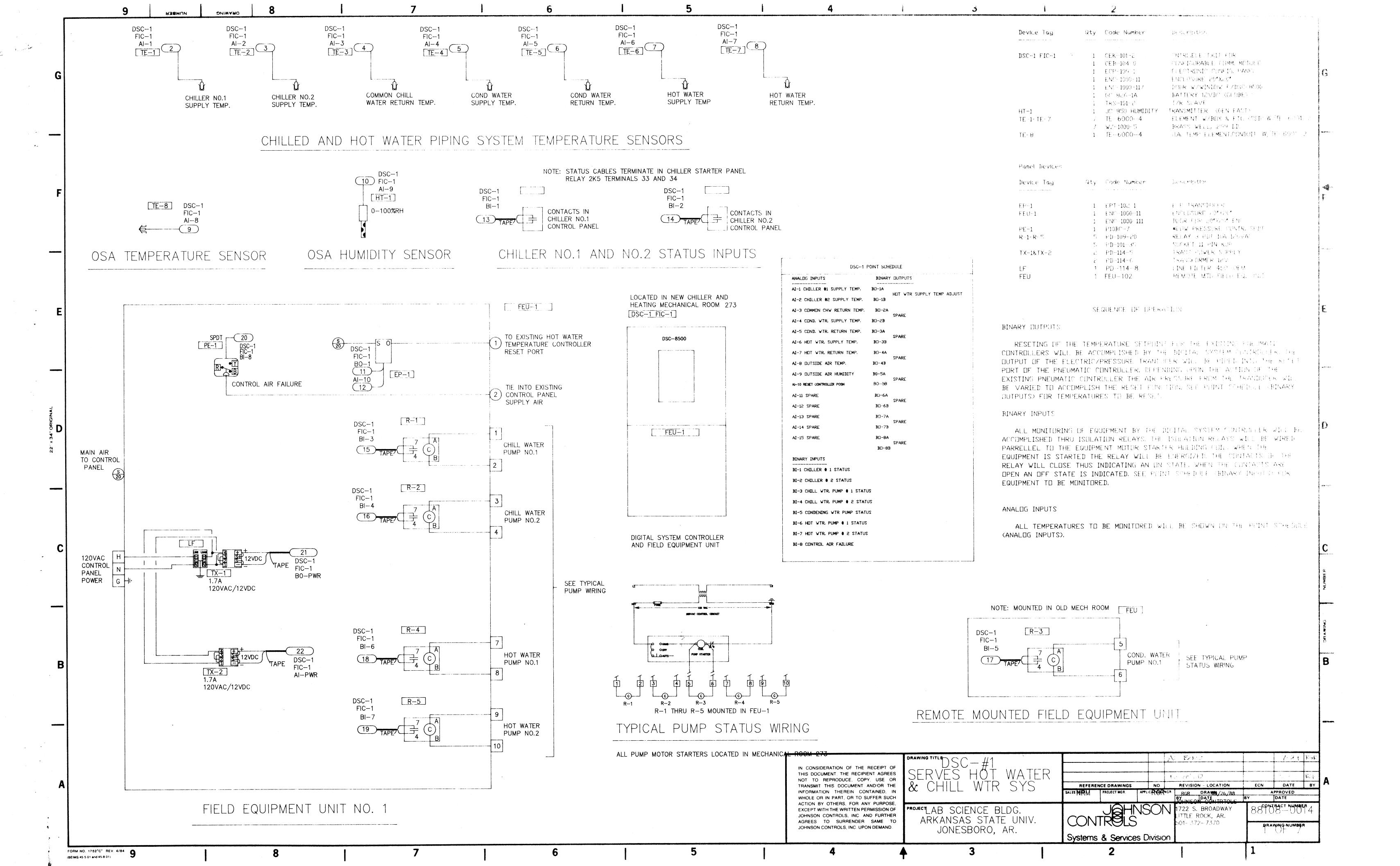
WALL CASE (2 REQ.)

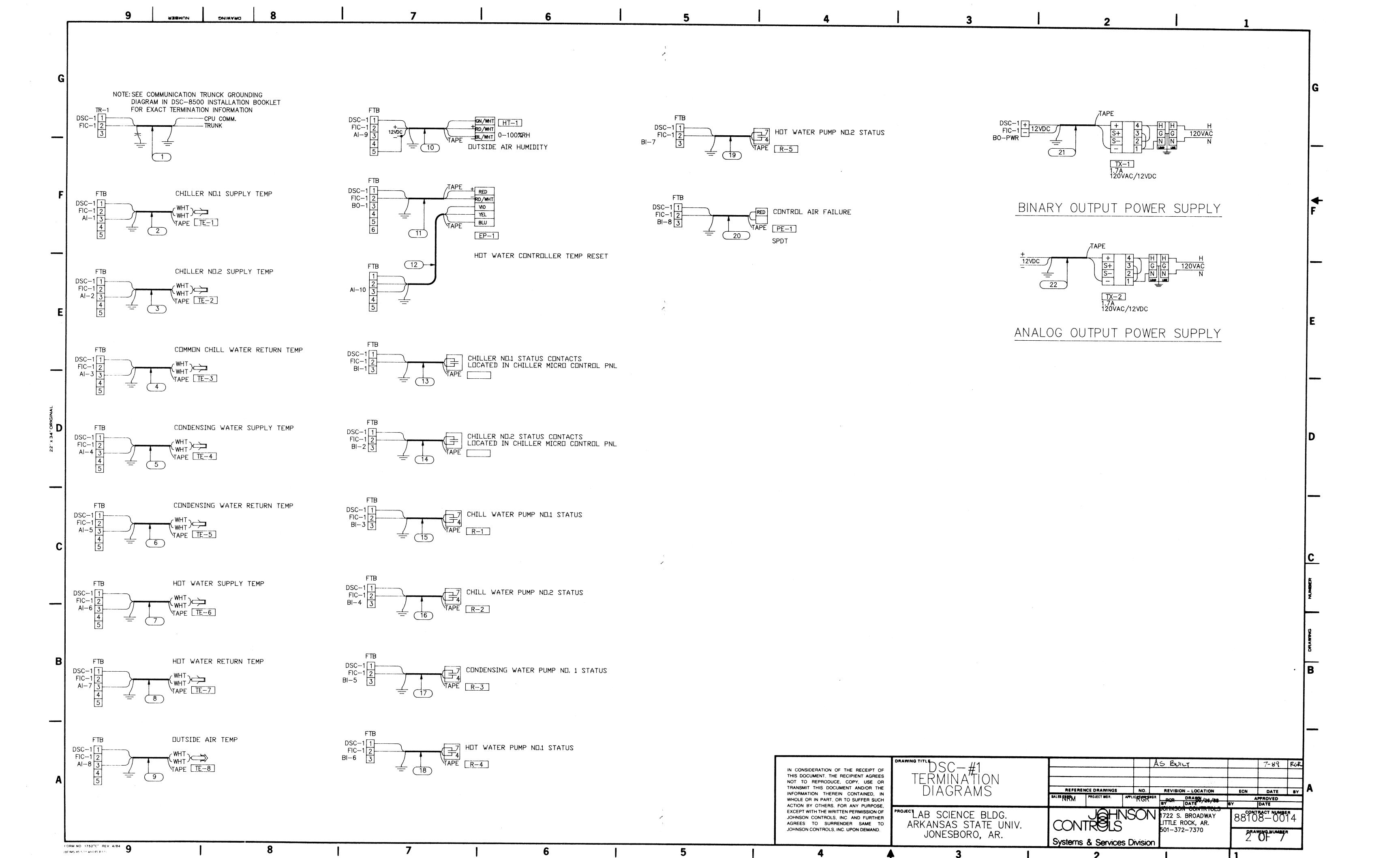
WALL CASE

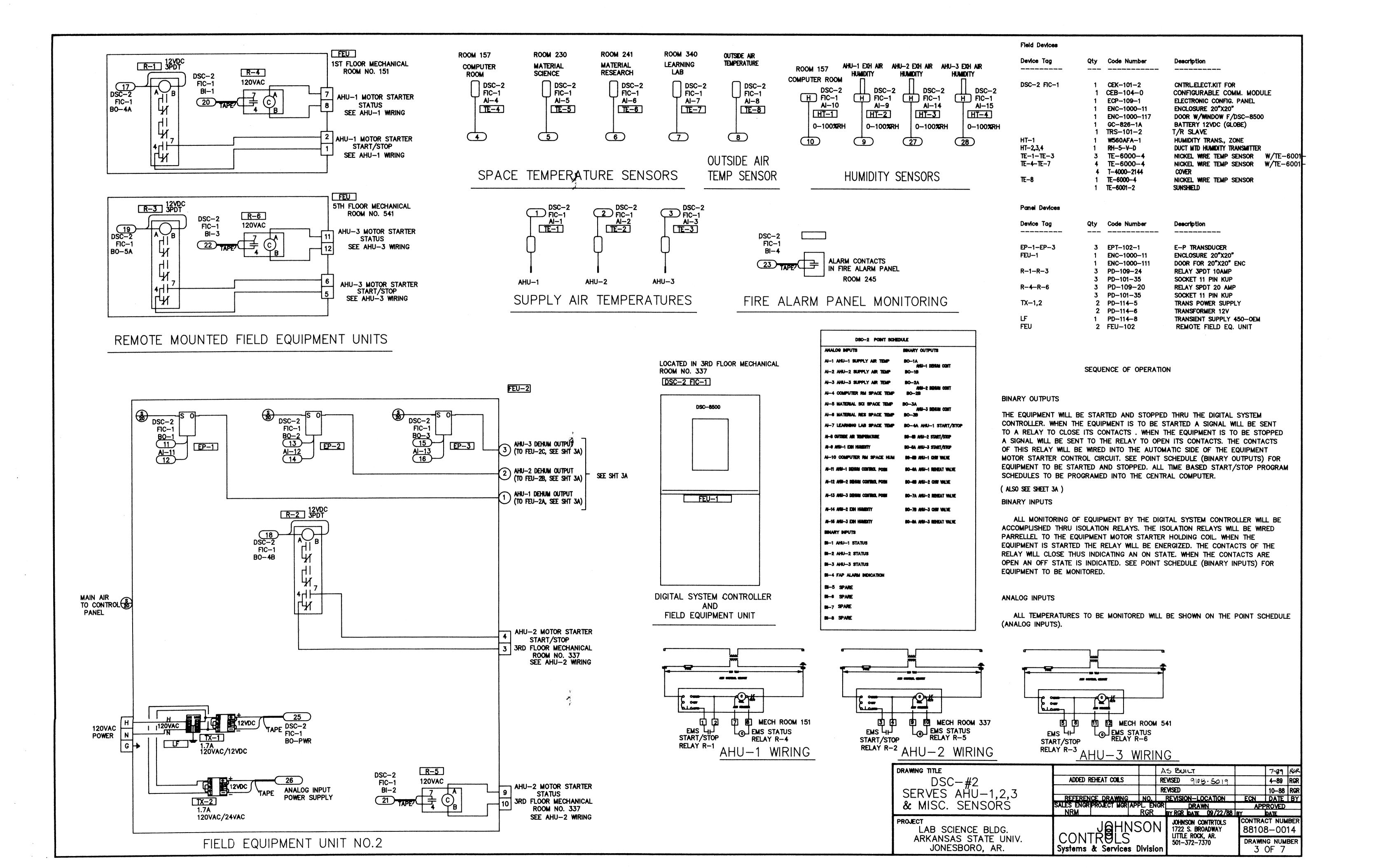
10203-WL

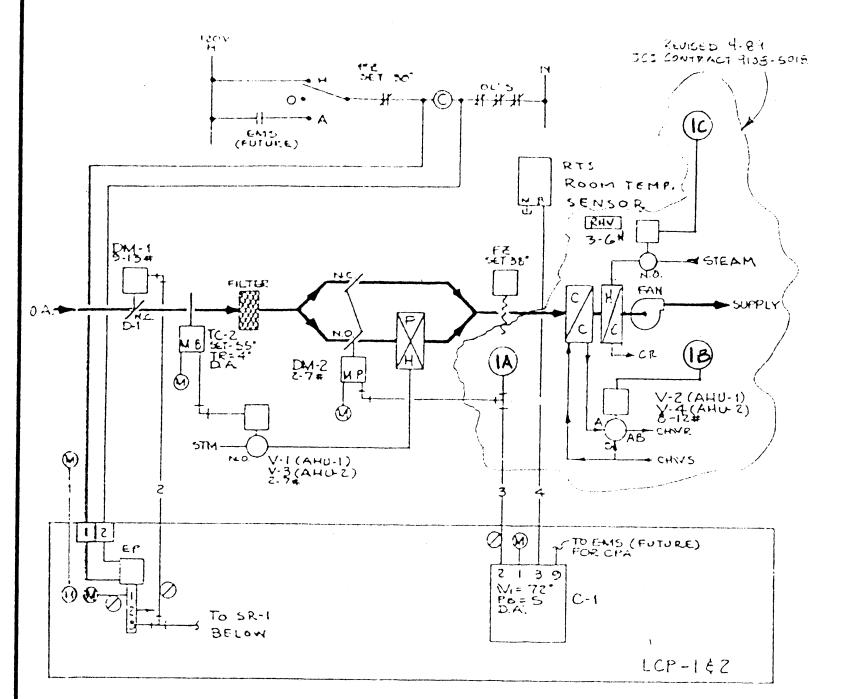
**ARKANSAS** 



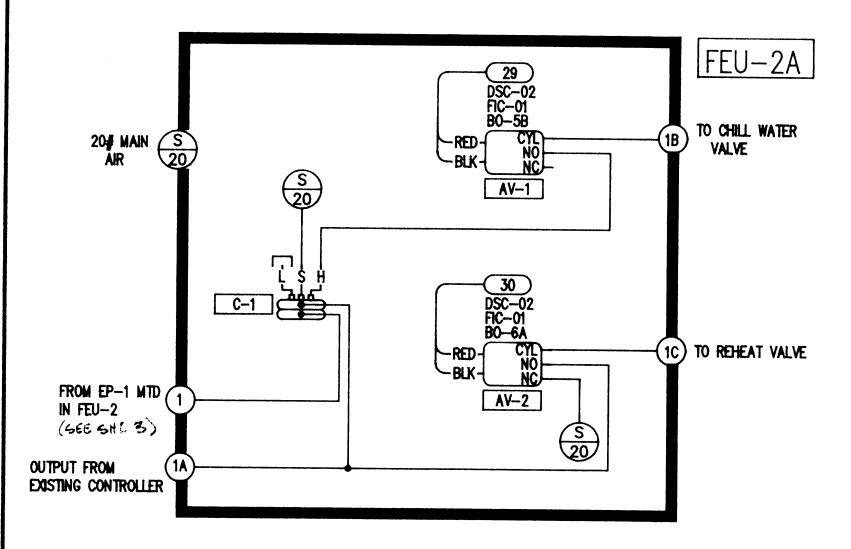






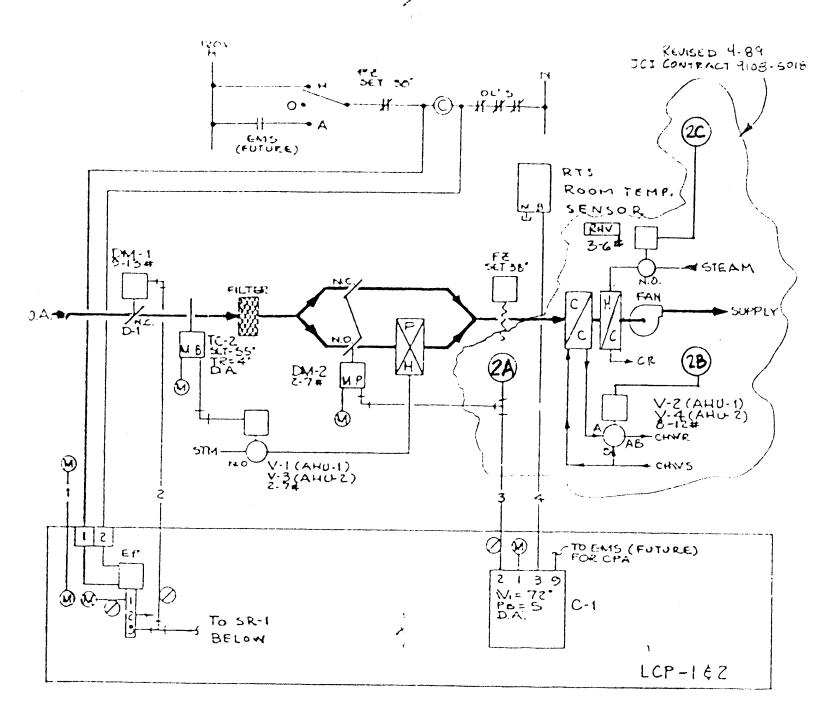


AIR HANDLING UNIT NO. 1

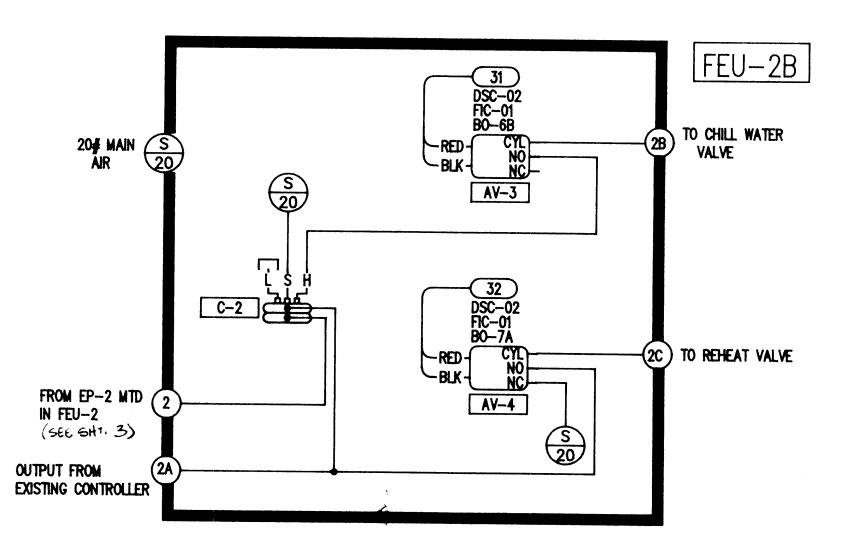


FIELD EQUIPMENT UNIT NO.2A

(TYPICAL OF 1 MTD IN MECH. RM. 151)



AIR HANDLING UNIT NO. 2



FIELD EQUIPMENT UNIT NO.2B

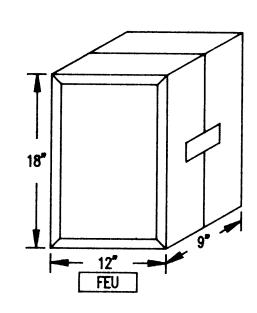
(TYPICAL OF 1 MTD IN MECH. RM. 337)

## SEQUENCE OF OPERATION

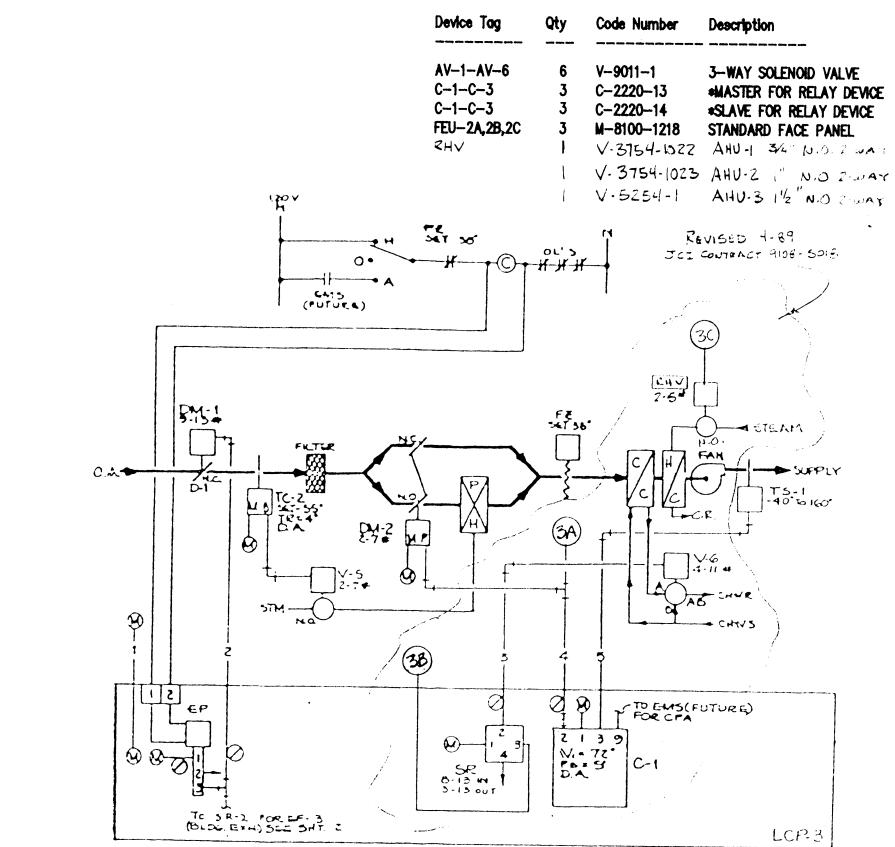
## AHU DEHUMIDIFICATION:

WHEN THE AHU IS RUNNING AND THE OSA TEMPERATURE IS ABOVE LOW LIMIT SETPOINT (APPROX 55 DEG) THE DEHUMIDIFICATION CONTROL LOOP MAY OPERATE IF NECESSARY. IF THE HUMIDITY IN THE AHU EXHAUST AIR STREAM RISES ABOVE HUMIDITY CONTROL SETPOINT THE CONTROLLER WILL MODULATE THE CHILL WATER VALVE TO BRING THE HUMIDITY DOWN TO SETPOINT. THE REHEAT VALVE WHICH IS CONTROLLED BY THE EXISTING PNEUMATIC CONTROLLER WILL MODULATE IF NECESSARY TO MAINTAIN DISCHARGE OR SPACE TEMPERATURE SETPOINT. IF THE HUMIDITY IN THE AHU EXHAUST AIR STREAM DROPS BELOW THE HUMIDITY CONTROL SETPOINT THE CONTROLLER OUTPUT WILL BE 0 PSI AND THE CHILL WATER AND REHEAT VALVE WILL BE UNDER NORMAL CONTROL OF THE EXISTING PNEUMATIC CONTROLLER.

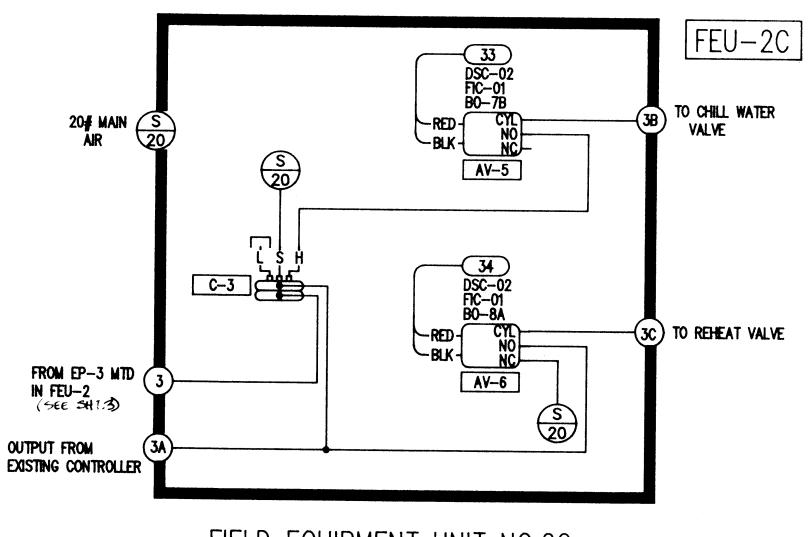
WHEN THE AHU IS STOPPED OR IF THE OSA TEMPERATURE DROPS BELOW LOW LIMIT TEMPERATURE SETPOINT THE CHILL WATER AND REHEAT VALVE WILL AUTOMATICALLY CLOSED. THE EXISTING PNEUMATIC CONTROLS WILL MODULATE THE FACE AND BYPASS DAMPER AND OPEN THE PREHEAT VALVE TO MAINTAIN DISCHARGE OR SPACE TEMPERATURE SETPOINT.



TYPICAL OF FEU-2A,2B,2C



AIR HANDLING UNIT NO. 3

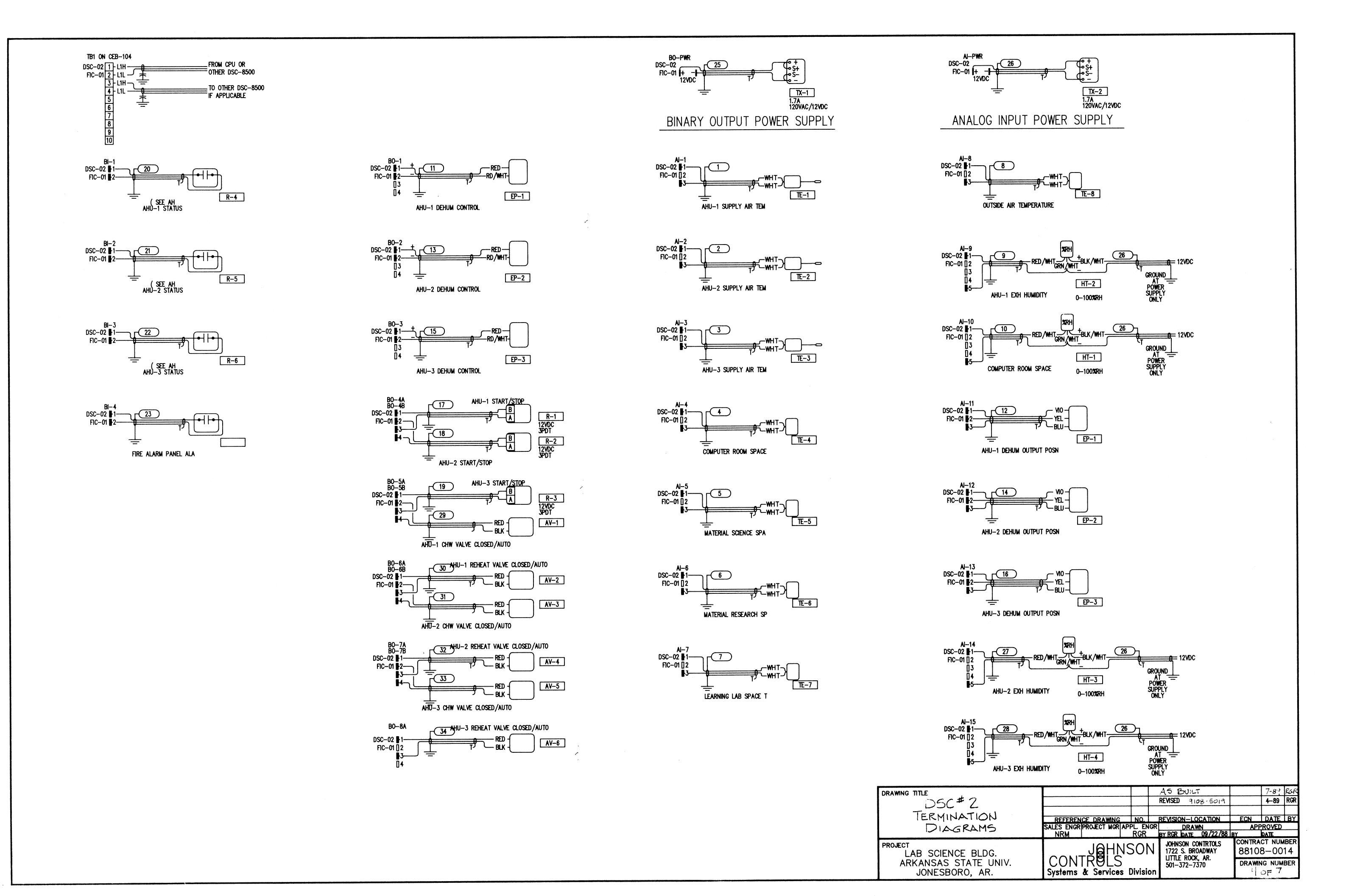


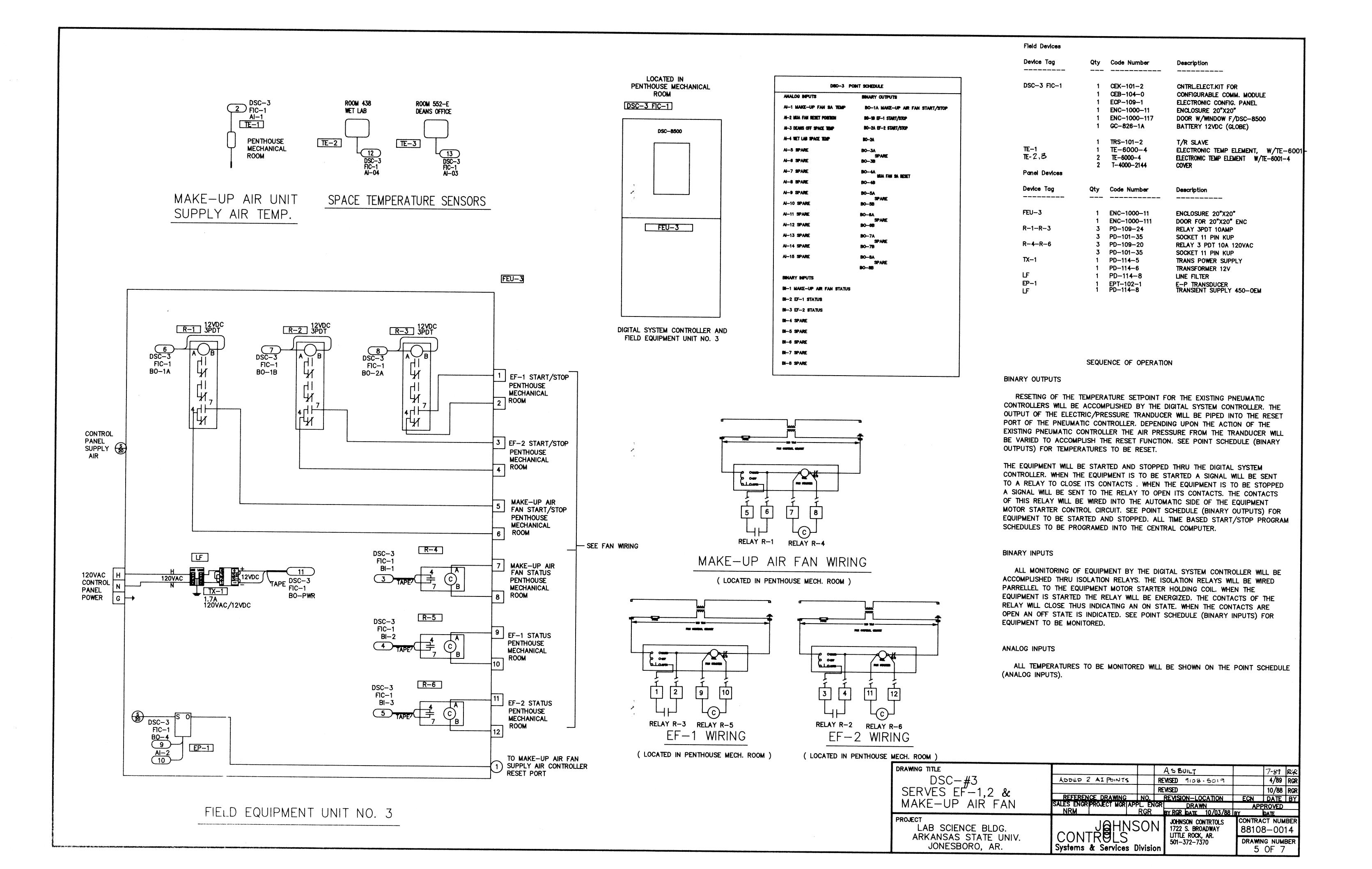
FIELD EQUIPMENT UNIT NO.2C

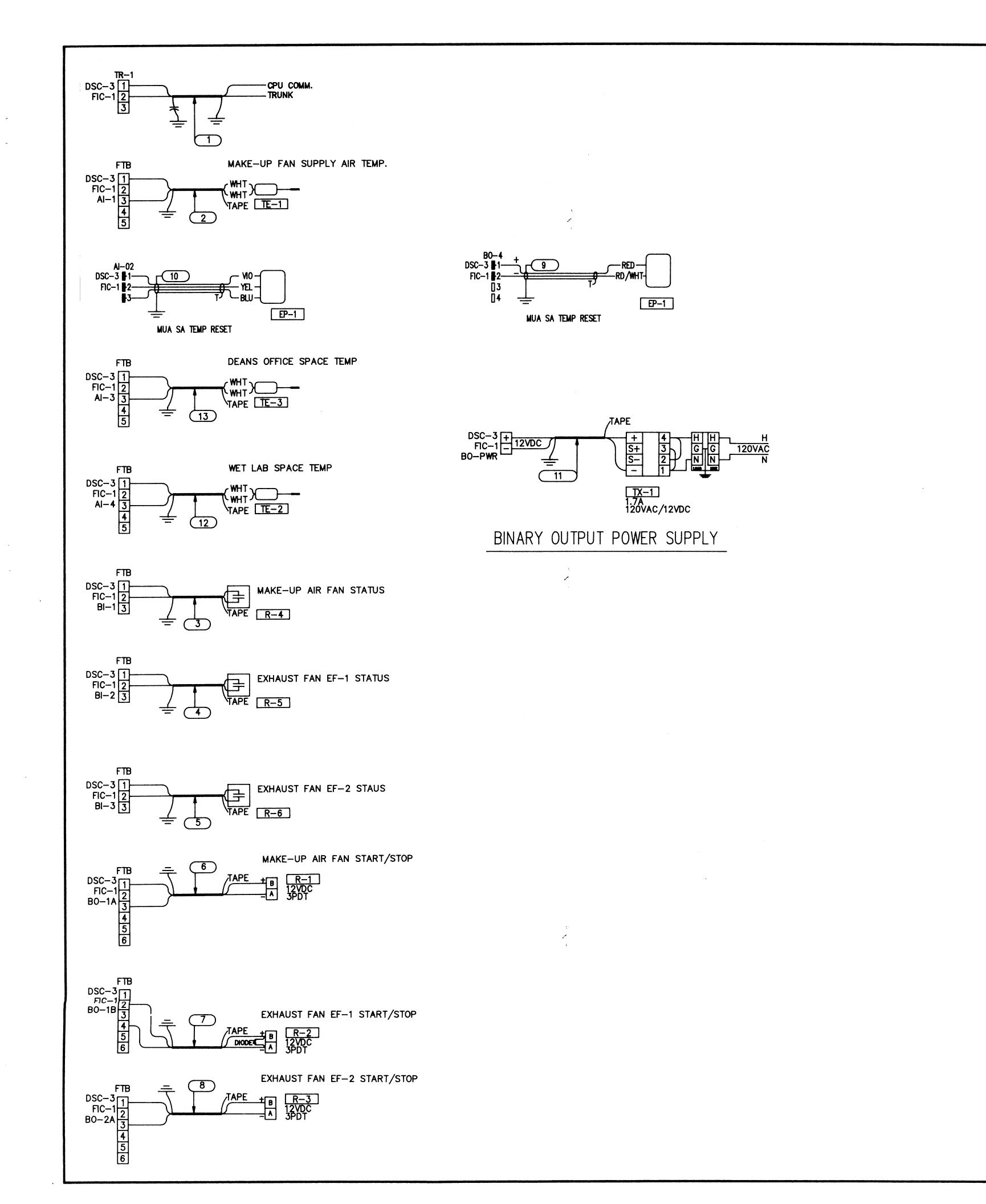
(TYPICAL OF 1 MTD IN MECH. RM. 541)

( NOTE: SEE SHEET 4 OF 7 FOR DSC TERMINATION DIAGRAMS OF EQUIPMENT SHOWN ON THIS SHEET.)

FEU-2A, 2B, 2C		A	S BUILT		7-89	RSR	
SERVES AHU-1,2,3	SALES ENGRIPROJECT MGR APP	NO. L. ENGR	REVISION—LOCATION  DRAWN BY RGR DATE 04/18/89	APP	DATE		
PROJECT  LAB SCIENCE BLDG.  ARKANSAS STATE UNIV.  JONESBORO, AR.	CONTROLS Systems & Services Di	ON		CONTRAI 88108 DRAWIN 3A	3-001	4	







DRAWING TITLE		As Bung	7.89	R48
DSC-#3	ADDED 2 AT POINTS	284186D 1108.5019	4-84	
TERMINATION DIAGRAMS	REFERENCE DRAWING NO. SALES ENGRIPROJECT MGR APPL. EN NRM RGR	REVISION—LOCATION  GR DRAWN BY RGR DATE 10/03/88	ECN DATE  APPROVED BY DATE	BY
PROJECT  LAB SCIENCE BLDG.	JAHNSON		CONTRACT NUME 88108-001	
ARKANSAS STATE UNIV. JONESBORO, AR.	Systems & Services Division	501-372-7370	DRAWNG NUMB 6 OF 7	3ER

