

ABBREVIATIONS

AB	Anchor Bolt	DF	Drinking Fountain	HC	Handicapped	NTS	Not to Scale	SHTH	Sheathing
ACT	Acoustical Tile	DIA	Diameter	HDW	Hardware	DA	Overall (Dimension)	SIM	Similar
ADH	Adhesive	DIM	Dimension	HM	Hollow Metal	OC	On Center	SND	Sanitary Napkin Disposal
ADJ	Adjustable	DN	Down	HDR	Horizontal	OD	Outside Diameter	SNV	Sanitary Napkin Vendor
AFF	Above Finished Floor	DND	Dual Napkin Disposal	HR	Handrail	OPNG	Opening	SPECS	Specifications
ALT	Alternative, Alternate	DR	Door	HT	Height	OPP	Opposite	SS	Stainless Steel
ALUM	Aluminum	DS	Down Spout	HVAC	Heating/Ventilating/Air Cond.	PC	Precast (Struc or Arch)	STC	Sound Transmission Coefficient
ANOD	Anodized	DW	Dumbwaiter	IN	Inches	PLAS	Plaster	STD	Standard
ARCH	Architect, Architectural	DWG	Drawing	INS	Insulation	PLAM	Plastic Laminate	STDR	Storage
ASPH	Asphalt	DWR	Drawer	INT	Interior	PNL	Panel	STL	Steel
						PROJ	Projection, Project	STRUC	Structure or Structural
BD	Board (Architectural)	EA	Each	JAN	Janitor	PT	Point	SUSP	Suspended
BG	Bumper Guard	EJ	Expansion Joint	JT	Joint	PS	Purse Shelf	T	Toilet
BITUM	Bituminous	EL	Elevation	KIT	Kitchen (ette)	PWD	Plywood	T/CONC	Top of Concrete
BLDG	Building	ELEC	Electric (al)	KD	Knockdown	QT	Quarry Tile	T/S	Top of Steel/Slab
BLKG	Block(ing)	ELEV	Elevator	LAM	Laminated	RDW	Right of Way	T/W	Top of Wall
BM	Beam	EPX	Epoxy	LAV	Lavatory	RD	Roof Drain	T&G	Tongue and Groove
BK	Brick	EQ	Equal	LF	Linear Feet	REF	Refrigerator, Reference	TB	Towel Bar
BRZ	Bronze	EQUIP	Equipment	LKR	Locker	REINF	Reinforced, Reinforcement	TEL	Telephone
BUR	Built-Up Roofing	EWC	Electric Water Cooler	MAS	Masonry	REQD	Required	THK	Thick (ness)
		EXP	Exposed	MATL	Material	RH	Robe Hook	TPD	Toilet Paper Dispenser
CAB	Cabinet	EXT	Exterior	MBH	Mop & Broom Holder	RM	Room	TYP	Typical
CG	Corner Guard	FAC	Fire Apparatus Cabinet	MECH	Mechanical	RND	Rough Opening	UC	Undercut
CIP	Cast-in-Place	FD	Fire Door	MIR	Mirror	RUB	Recessed Napkin Disposal	UL	Underwriters Laboratory
CJ	Control Joint	FE	Fire Extinguisher	M/S	Mirror with Shelf	RUV	Recessed Napkin Vendor	UR	Urinal
CL	Center Line	FEC	Fire Extinguisher Cabinet	MD	Masonry Opening	RUB	Rubber	USU	Utility Shelf Unit
CLG	Ceiling	FFE	Finish Floor Elevation	MR	Mop RockMTGMounting	RTD	Recessed Towel Dispenser	VCT	Vinyl Composition Tile
CLO	Closet	FHC	Finish Hose Cabinet	MTL	Metal	SCHED	Schedule	VERT	Vertical
CLR	Clear	FIN	Finish	MUL	Mullion	SD	Soap Dish	VEST	Vestibule
CMU	Concrete Masonry Unit	FLR	Floor (ing)	N/A	Non-Applicable	SOP	Soap Dispenser	V.I.F.	Verify in Field
CDL	Column	FLR	Floor (ing)	NIC	Not in Contract	SECT	Section	VDC	Vertical On Center
CDNC	Concrete	FD	Face of Finish	NDM	Nominal	SF	Square Foot (Feet)	VW	View Window
CNT	Continuous	FURR	Furring	NRC	Noise Reduction Coefficient	SGB	Structural Glazed Block	VWC	Vinyl Wall Covering
CORR	Corridor	GA	Gauge			SGT	Structural Glazed Tile	VD	Wood
CP	Cement (Keene's) Plaster	GALV	Galvanized			SHT	Sheet	WG	Wire Glass
CPT	Carpet (Architectural)	GB	Grab Bar					WT	Weight
CT	Ceramic Tile (Architectural)	GC	General Contractor					WR	Waste Receptacle
		GCT	Glued Ceiling Tile						
DEMO	Demolish, Demolition	GWB	Gypsum Wall Board						
DET	Detail								

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK.
- ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES HAVING JURISDICTION.
- BEFORE PERFORMING ANY WORK OR ORDERING ANY MATERIALS, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ANY EXISTING AND NEW WORK AND SHALL BE RESPONSIBLE FOR THEIR ACCURACY. ANY DIFFERENCES FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR CONSIDERATION BEFORE PROCEEDING WITH THE WORK.
- INSTALL ALL MANUFACTURED ITEMS, MATERIALS AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS, EXCEPT THAT THE SPECIFICATIONS HEREIN, WHERE MORE STRINGENT, SHALL BE COMPLIED WITH.
- ALL REQUESTS FOR SUBSTITUTIONS OF ALL ITEMS SPECIFIED SHALL BE SUBMITTED IN WRITING TO THE ARCHITECT AND WILL BE CONSIDERED ONLY IF BETTER SERVICE FACILITIES OR MORE ADVANTAGEOUS DELIVERY DATE OR LESS PRICE WITH CREDIT TO THE OWNER WILL BE PROVIDED WITHOUT SACRIFICING QUALITY, APPEARANCE AND FUNCTION. UNDER NO CIRCUMSTANCES WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE PRODUCT SPECIFIED.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL ITEMS AND EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE DETAILED FABRICATION AND ERECTION DRAWINGS, SETTING DRAWINGS, DIAGRAMMATIC DRAWINGS AND MATERIAL SCHEDULES. LOCATION AND ORIENTATION OF ALL ITEMS SHALL BE CLEARLY INDICATED. FABRICATION SHALL BEGIN ONLY AFTER CONTRACTOR'S RECEIPT OF APPROVED SHOP DRAWINGS.
- IN STUDYING THE CONTRACT DOCUMENTS AND AT ANY TIME DURING EXECUTION OF THE WORK, THE CONTRACTOR SHALL AT ONCE REPORT TO THE ARCHITECT ANY MATERIALS CONTAINING HAZARDOUS SUBSTANCES THAT HE MAY DISCOVER. DO NOT PROCEED WITH INSTALLATION OF MATERIALS CONTAINING KNOWN HAZARDOUS SUBSTANCES.
- *TYPICAL* OR *TYP* MEANS TYPICAL FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- DETAILS ARE USUALLY KEYED ONLY ON THE PLANS OR ELEVATIONS WHERE THEY FIRST OCCUR AND ARE TYPICAL FOR SIMILAR CONDITIONS THROUGHOUT UNLESS OTHERWISE NOTED.
- THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION" OF THE AMERICAN INSTITUTE OF ARCHITECTS ARE HEREBY MADE PART OF THESE CONTRACT DOCUMENTS TO THE SAME EXTENT AS IF BOUND HEREIN.
- CUTTING AND PATCHING: EACH MISCELLANEOUS ITEM OF CUTTING, PATCHING OR FITTING IS NOT NECESSARILY INDIVIDUALLY DESCRIBED HEREIN. NO SPECIFIC DESCRIPTION OF CUTTING, PATCHING OR FITTING REQUIRED TO PROPERLY ACCOMMODATE THE SCOPE OF WORK SHALL RELIEVE THE CONTRACTOR FROM RESPONSIBILITY TO PERFORM SUCH WORK AS REQUIRED.
- DAMAGE: CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIRS OF ANY ACCIDENTAL DAMAGE HE INFLECTS UPON THE EXISTING WORK TO REMAIN. IF FOR ANY REASON, DAMAGE TO EXISTING WORK OR UTILITIES IS CONSIDERED TO BE UNAVOIDABLE, SUBMIT WRITTEN NOTIFICATION OF THIS BEFORE SIGNING THE CONTRACT. IN THE ABSENCE OF SUCH NOTIFICATION, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR DAMAGE AND THE COST OF SATISFACTORILY REPAIRING OR REPLACING THE DAMAGED WORK.
- RELOCATION OF MATERIALS: RELOCATION OF ANY ITEMS INVOLVED IN THE WORK IS SUBJECT TO THE CONTRACTOR'S ABILITY TO DO SO WITHOUT PERMANENTLY DAMAGING OR HARRING THE ITEMS TO BE RELOCATED. IF THE CONTRACTOR IS UNABLE TO RELOCATE ANY ITEM AS PRESCRIBED HEREIN, HE SHALL SUBSTITUTE NEW MATERIAL TO MATCH EXISTING IN LIEU OF RELOCATING SAME. CONTRACTOR MAY ALSO ELECT TO USE NEW MATERIAL TO MATCH EXISTING IN LIEU OF RELOCATION OF EXISTING FOR HIS OWN CONVENIENCE.
- DO NOT SCALE FROM THESE DRAWINGS. REFER TO WRITTEN DIMENSIONS.
- ALL WOOD DECKING, BLOCKING OR BRACING REQUIRED FOR CONSTRUCTION OF THIS PROJECT IS TO BE TERMITE RESISTANT LUMBER.
- CONTRACTORS SHALL BE RESPONSIBLE FOR SECURING ANY PERMIT REQUIRED IN CONNECTION TO THIS PROJECT.
- LOCATION AND CONTAINMENT OF CONTRACTOR'S STAGING AREA MUST BE COORDINATED WITH THE ARCHITECT AND APPROVED BY THE OWNER.

GAITHER GYMNASIUM & OFFICE COMPLEX

Tallahassee, Florida

BR-396

A PROJECT FOR:

FLORIDA A & M UNIVERSITY

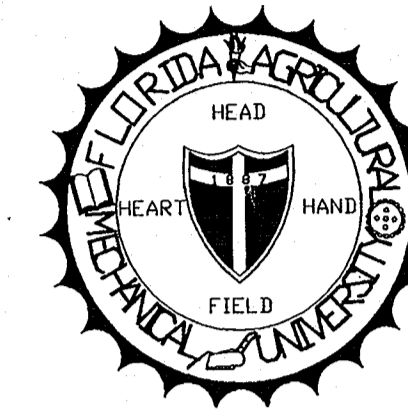
Tallahassee, Florida

BY:

STATE OF FLORIDA

BOARD OF REGENTS

CONSTRUCTION DOCUMENTS
RELEASED FOR BIDS JUNE 1, 1995

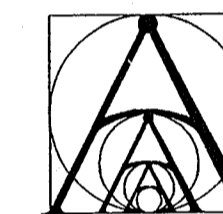


PROJECT SUMMARY DATA

BUILDING AREA:	65,118 GSF 47,000 NSF
ROOF AREA:	37,030 SF
NO. of STORIES:	2
OCCUPANCY:	Gymnasium Building is CLASS A-1: LARGE ASSEMBLY Office Complex is GROUP B: BUSINESS
CONSTRUCTION:	Gymnasium - TYPE IV 1hr PROTECTED Office Complex - TYPE III(III)
APPLICABLE CODES:	Life Safety: Gymnasium Building - NFPA 102 1992 ed. Office Complex - NFPA 101 1991 ed. Fire Protection Rules & Reg. of the State Fire Marshal Florida Statutes Chapters 255, 553 and 663 Standard Building Code (SBC) 1991 ed. with '92 & '93 amend. Standard Mechanical Code 1991 ed. Standard Plumbing Code 1991 ed. Standard Gas Code 1991 ed. Florida Accessibility Code for Bldg. Const. 1994. Dept. of Community Affairs (DCA), Fl. Board of Codes and Standards Florida ADA Implementation Act Americans with Disabilities Act of 1990 with current revisions

See Specifications for Codes and Standards applicable to products.

PROJECT TEAM



AKIN & ASSOCIATES ARCHITECTS, INC.
2603 West Tharpe Street Suite A
Tallahassee, Florida 32303
(Attn. Akin Akinyemi - (904) 385-2546)

(Civil/Struct.): **WILLIAM M. BISHOP ENGINEERS, INC.**
715 North Calhoun Street
Tallahassee, Florida 32315
(Attn. Douglas Barkley - (904) 222-0334)

(M.P.E.): **HINES, HARTMAN & ASSOCIATES, INC.**
114 East 5th Avenue
Tallahassee, Florida 32303
(Attn. Michael Hartman - (904) 224-7922)

MATERIAL, SYMBOL & WALL LEGEND

	CONCRETE		PARTITION TYPE
	CMU		COLUMN LINE DESIGNATION
	FACE BRICK		REFERENCED DETAIL
	RIGID INSULATION		DOOR NO.
	STEEL		EXISTING WALL
	GLAZING		NEW WALL 1/8" PLANS
	PLASTER/GYP BD		NEW WALL-SEE MATERIAL LEGEND
	WOOD		EXISTING WALL TO BE DEMOLISHED
	STRUCTURAL GLAZED TILE		EXISTING OBJECT TO BE DEMOLISHED
	KEYNOTE See Specs.		1HR. RATED WALL
	ELEVATION/SECTION MARK		
	WINDOW TYPE		
	INTERIOR ELEVATION		
	ELEVATION BENCHMARK		

ARCHITECTURAL:

- COVER SHEET
- A0.1 EXIST/DEMO GYM 1ST FLOOR PLAN
- A0.2 EXIST/DEMO GYM 2ND FLOOR PLAN
- A0.3 EXIST/DEMO OFFICE COMPLEX PLANS
- A1.1 GYMNASIUM 1ST FLOOR PLAN
- A1.2 GYMNASIUM 2ND FLOOR PLAN
- A1.3 OFFICE COMPLEX PLANS
- A1.4 ENLARGED FLOOR PLANS & DETAILS
- A1.5 ENLARGED FLOOR PLANS & DETAILS
- A1.6 GYMNASIUM BLEACHER ENLARGED PLAN & DETAILS
- A2.1 OFFICE COMPLEX REFLECTED CEILING PLAN
- A3.1 EXIST/DEMO ROOF PLAN
- A3.2 NEW ROOF PLAN & DETAILS
- A4.1 INTERIOR ELEVATIONS - GYMNASIUM
- A4.2 INTERIOR ELEVATIONS - OFFICE COMPLEX
- A4.3 EXTERIOR ELEVATIONS - GYM & OFFICE COMPLEX
- A5.1 ROOM FINISH SCHEDULE
- A5.2 DOOR SCHEDULE & DETAILS

MECHANICAL:

- M0.1 LEGEND & GENERAL NOTES - HVAC
- M1.1 GYMNASIUM FIRST FLOOR PLAN - HVAC
- M1.2 GYMNASIUM SECOND FLOOR PLAN - HVAC
- M1.3 OFFICE COMPLEX FLOOR PLANS - HVAC
- M2.1 DETAILS & SCHEDULES - HVAC

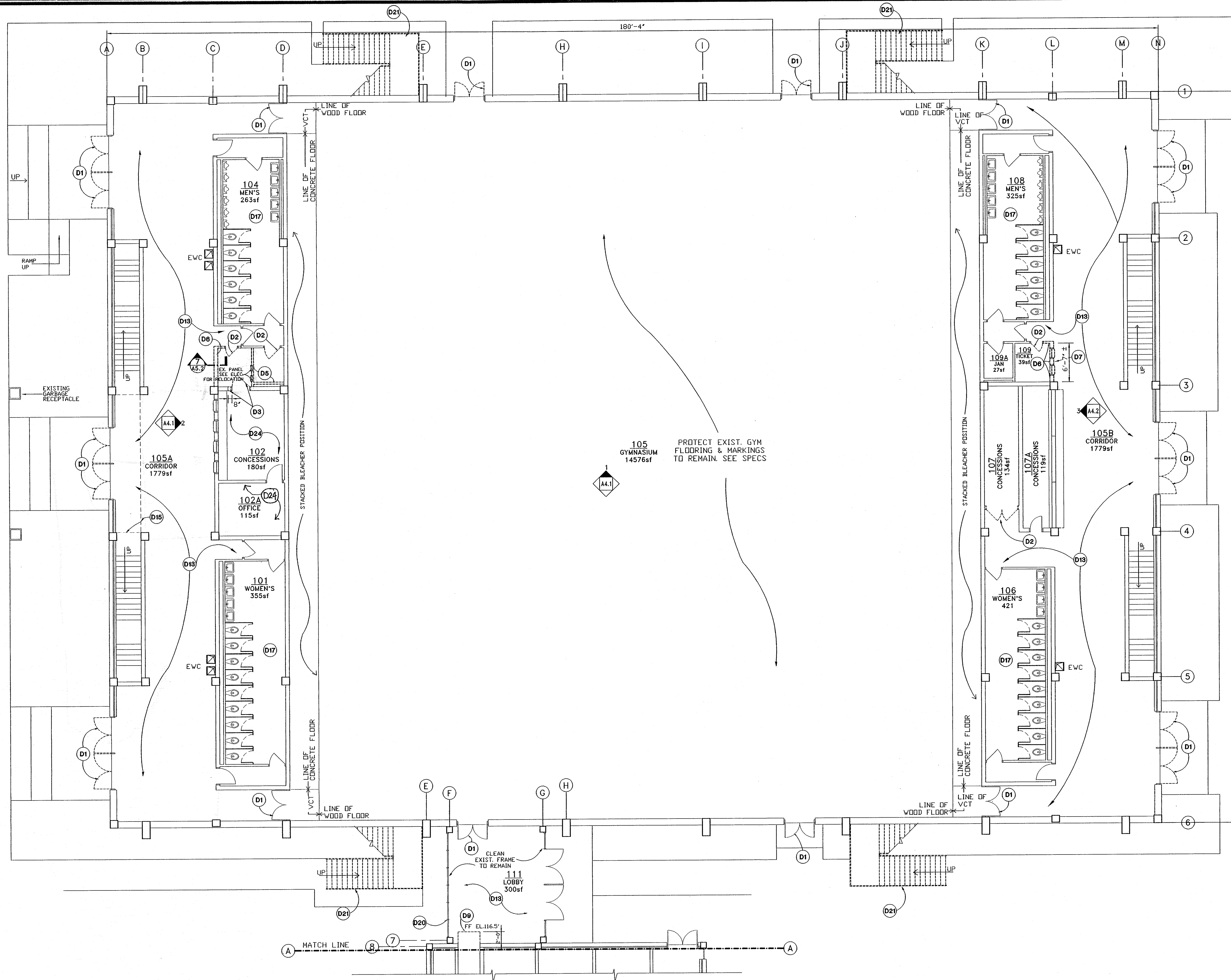
PLUMBING:

- P0.1 LEGEND & GENERAL NOTES - PLUMBING
- P1.1 GYMNASIUM FIRST FLOOR PLAN - PLUMBING
- P1.2 OFFICE COMPLEX FLOOR PLANS - PLUMBING
- P2.1 DETAILS - PLUMBING

ELECTRICAL:

- E0.1 LEGEND & FIXTURE SCHEDULE
- E1.1 GYMNASIUM FIRST FLOOR PLAN - LIGHTING
- E1.2 GYMNASIUM SECOND FLOOR PLAN - LIGHTING
- E1.3 OFFICE COMPLEX FLOOR PLANS - LIGHTING
- E2.1 GYMNASIUM FIRST FLOOR PLAN - POWER
- E2.2 GYMNASIUM SECOND FLOOR PLAN - POWER
- E2.3 OFFICE COMPLEX FLOOR PLANS - POWER
- E3.1 FIRE ALARM RISER DIAGRAM

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GENERAL DEMOLITION NOTES:

- ALL ITEMS INDICATED TO BE REMOVED OR DEMOLISHED (WITH THE EXCEPTION OF THE LIGHT FIXTURES & ASSOCIATED ITEMS) SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. LIGHTING ITEMS SHALL BE TURNED OVER TO THE OWNER.
- ALL MOVABLE FURNISHINGS SHALL BE REMOVED BY THE OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING FIXED FURNISHINGS / FIXTURES TO REMAIN.
- THE GYMNASIUM FLOOR AND THE FLOOR IN SPACE 214 SHALL BE PROTECTED WITH A DUST, STAIN & SCRATCH-PROOF COVER THROUGHOUT CONSTRUCTION. SEE SPECS.
- IT IS THE INTENT OF THE OWNER TO REMOVE, USING ITS OWN AGENTS, ALL KNOWN HAZARDOUS SUBSTANCES PRIOR TO THE COMMENCEMENT OF WORK UNDER THIS CONTRACT. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS ANY HAZARDOUS SUBSTANCES, HE SHALL IMMEDIATELY STOP WORK IN THAT AREA AND CONTACT THE ARCHITECT FOR FURTHER DIRECTION.
- SEE STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR DEMOLITION COVERED BY THESE DISCIPLINES.

DEMOLITION KEYNOTES:

- REMOVE DOOR, PREP EXIST FRAME TO RECEIVE NEW DOOR.
- REMOVE DOOR & FRAME. SEE DOOR SCHEDULE FOR NEW DOOR(S) AS REQUIRED.
- REMOVE DOOR & FRAME, SAWCUT PORTION OF EXIST MASONRY WALL TO ACCOMMODATE NEW OPENING OR DOOR SIZE SHOWN ON SCHEDULE.
- REMOVE DOOR HARDWARE, PREP DOOR FOR NEW HARDWARE.
- REMOVE PORTION OF MASONRY WALL AS INDICATED. SEE NEW PLANS, ELEV & SCHEDULES FOR DIMENSIONS. PATCH FLOOR & CLG AS REQUIRED.
- REMOVE PORTION OF GYP BD OR PLASTER WALL AS INDICATED. SEE NEW PLANS, ELEV & SCHEDULES FOR DIMENSIONS.
- REMOVE ROLLUP SHUTTERS & METAL LATH & PORTION OF PLASTER WALL SYSTEM. SEE NEW PLANS & ELEV.
- REMOVE BUILT-IN COUNTER/CABINET.
- DEMOLISH PORTION OF CONCRETE FLOOR & STEPS AS INDICATED OR REQUIRED FOR NEW INSTALLATION.
- REMOVE TELESCOPIC BLEACHERS AND ALL ASSOCIATED ANCHORAGE SYSTEMS.
- REMOVE METAL GUARD/HAND RAILING & ANY ASSOCIATED SUPPORTS OR WOODEN BASE BOARD. SEE NEW PLANS FOR REPLACEMENT OR PATCH TO MATCH EXISTING.
- REMOVE CARPET, THRESHOLD/TRIM PIECE AND ANY UNDERLAYMENT. PREP AREA TO RECEIVE NEW FLOORING.
- REMOVE RESILIENT FLOOR TILE, THRESHOLD/TRIM PIECE. PREP AREA TO RECEIVE NEW FLOORING.
- SAWCUT AND REMOVE INDICATED PORTION OF EXISTING PLASTER/GYP. BD. CEILING.
- REMOVE LAY-IN CEILING & GRID SYSTEM.
- REMOVE GLUED-ON CEILING TILES.
- REMOVE AND REPLACE TOILET ACCESSORIES AS SHOWN ON PLANS OR INTERIOR ELEVATIONS.
- REMOVE CERAMIC FLOOR TILE, THRESHOLD/TRIM PIECE. PREP AREA TO RECEIVE NEW FLOORING.
- REMOVE PORTION OF EXIST PLASTER CEILING AS INDICATED. REPLACE FITTINGS ON EXIST LEAKING PIPES. PROVIDE CONNECTION TO NEW TOILET RM 213A. PATCH CEILING TO MATCH EXIST. WHERE REQ.
- STABILIZE ALUM STOREFRONT AS SHOWN ON DTL 8/A15. REGLAZE OPENINGS SHOWN ON ELEV. 5/A4.3
- REMOVE EXIST MTL STAIR.
- REPLACE BROKEN GLASS. PREFIX INDICATES APPROXIMATE AREA IN SQ FOOTAGE. MATCH EXIST GLASS.
- SCREW NON-OPERABLE WINDOW FRAMES IN FIXED POSITION.
- REMOVE EXISTING CARPET

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**AKIN & ASSOCIATE
ARCHITECTS, INC.**

**RELEASED
FOR CONSTRUCTION**

JOB NO.: 94080

DRAWN: HLW/EAH

CHECKED: ASA

DATE: 6/1/95

REVISIONS :

#	DATE	REMARK

FLORIDA A & M UNIVERSITY
GAITHER GYM & OFFICE COMPLEX
TALLAHASSEE, FLORIDA
Proj. No. BR-396

OWNER:
STATE OF FLORIDA
BOARD OF REGENTS

PROJ. PHASE:
CONSTRUCTION
DOCUMENTS

SHEET TITLE:
EXIST/DEMO
GYMNASIUM
FIRST FLOOR
PLAN

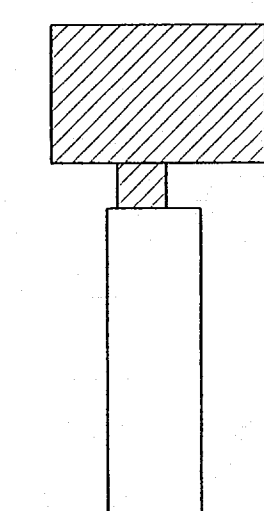
SCALE:
AS SHOWN

SHEET NO.:

A0.1
2 OF 35

1 EXIST/DEMO GYM 1ST FLR
A0.1 SCALE: 1/8" = 1'-0"

KEY PLAN



JOB NO.:	94080	
DRAWN:	HLW/EJH	
CHECKED:	ASA	
DATE:	6/1/95	
REVISIONS :		
#	DATE	REMARK

FLORIDA A & M UNIVERSITY
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SHEET TITLE:
EXIST/DEMO
GYMNASIUM
SECOND FLOOR
PLAN
SCALE:
AS SHOWN

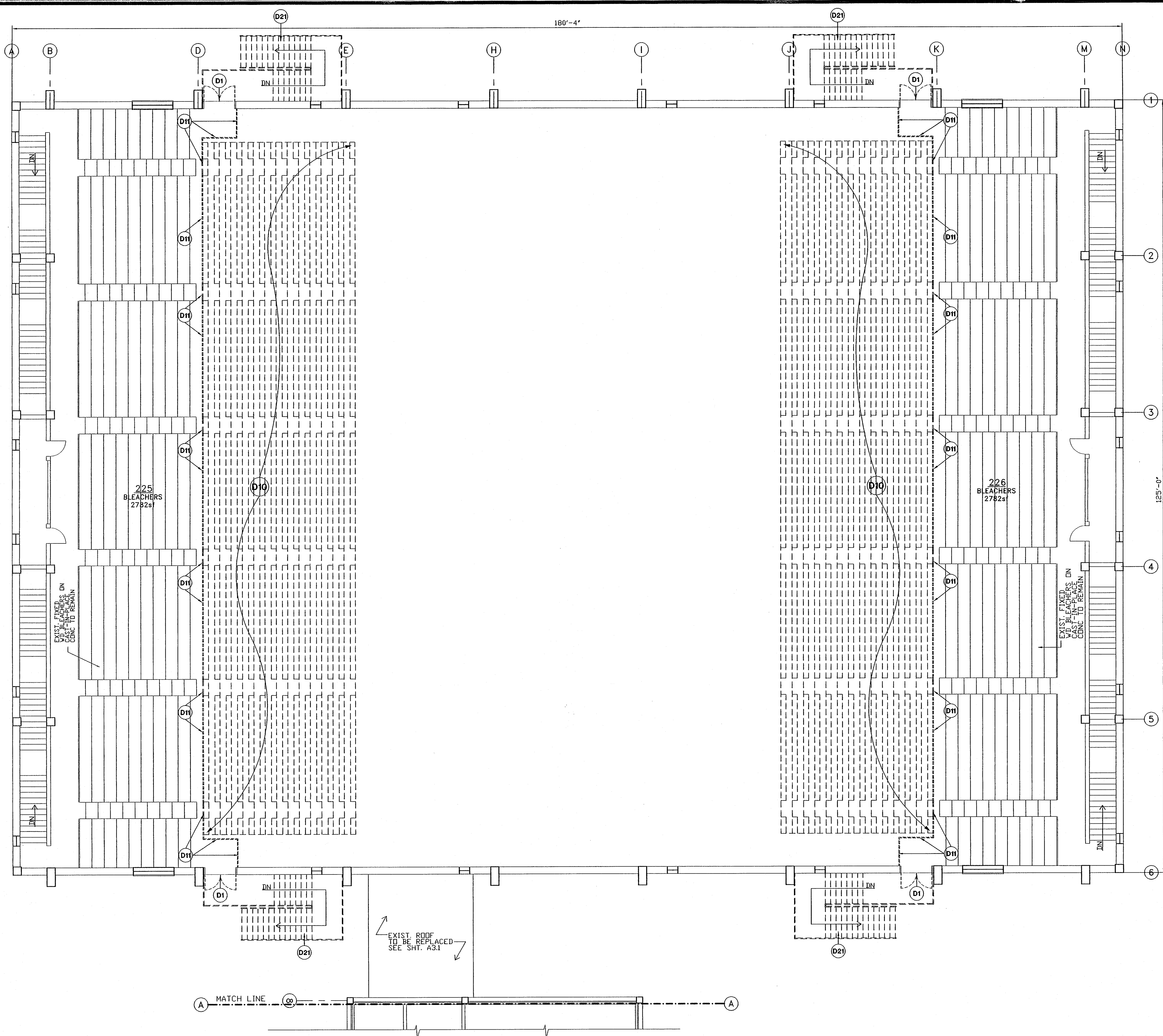
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3 OF 35

GENERAL DEMOLITION NOTES:

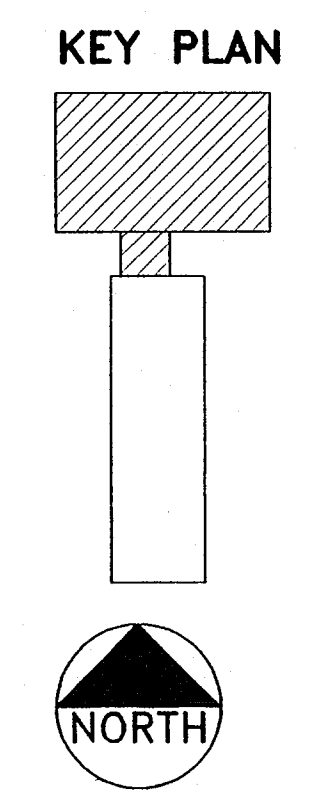
- ALL ITEMS INDICATED TO BE REMOVED OR DEMOLISHED (WITH THE EXCEPTION OF THE LIGHT FIXTURES & ASSOCIATED ITEMS) SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. LIGHTING ITEMS SHALL BE TURNED OVER TO THE OWNER.
- ALL MOVABLE FURNISHINGS SHALL BE REMOVED BY THE OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING FIXED FURNISHINGS / FIXTURES TO REMAIN.
- THE GYMNASIUM FLOOR AND THE FLOOR IN SPACE 214 SHALL BE PROTECTED WITH A DUST, STAIN & SCRATCH-PROOF COVER THROUGHOUT CONSTRUCTION. SEE SPECS.
- IT IS THE INTENT OF THE OWNER TO REMOVE, USING ITS DVA AGENTS, ALL KNOWN HAZARDOUS SUBSTANCES PRIOR TO THE COMMENCEMENT OF WORK UNDER THIS CONTRACT. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS ANY HAZARDOUS SUBSTANCES, HE SHALL IMMEDIATELY STOP WORK IN THAT AREA AND CONTACT THE ARCHITECT FOR FURTHER DIRECTION.
- SEE STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR DEMOLITION COVERED BY THESE DISCIPLINES.

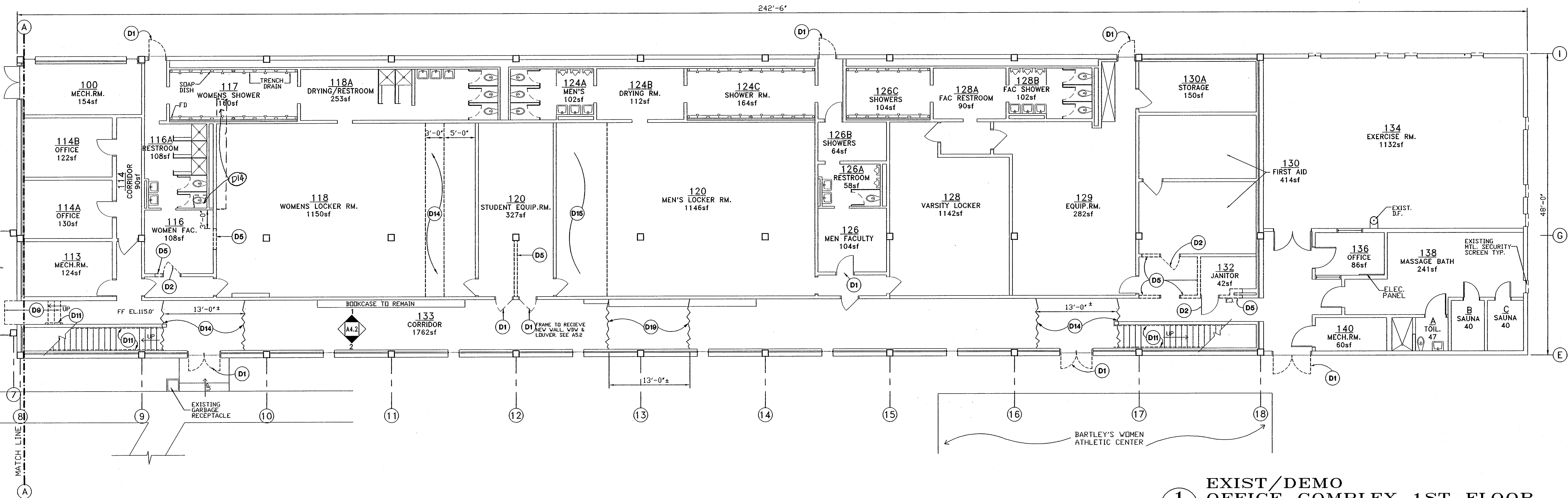
DEMOLITION KEYNOTES:

- D1 REMOVE DOOR. PREP EXIST FRAME TO RECEIVE NEW DOOR.
- D2 REMOVE DOOR & FRAME. SEE DOOR SCHEDULE FOR NEW DOOR(S) AS REQUIRED.
- D3 REMOVE DOOR & FRAME, SAWCUT PORTION OF EXIST MASONRY WALL TO ACCOMMODATE NEW OPENING OR DOOR SIZE SHOWN ON SCHEDULE.
- D4 REMOVE DOOR HARDWARE, PREP DOOR FOR NEW HARDWARE.
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- D9 DEMOLISH PORTION OF CONCRETE FLOOR & STEPS AS INDICATED OR REQUIRED FOR NEW INSTALLATION.
- D10 REMOVE TELESCOPIC BLEACHERS AND ALL ASSOCIATED ANCHORAGE SYSTEMS.
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- D15 REMOVE LAY-IN CEILING & GRID SYSTEM.
- D16 REMOVE GLUED-ON CEILING TILES.
- D17 REMOVE AND REPLACE TOILET ACCESSORIES AS SHOWN ON PLANS OR INTERIOR ELEVATIONS.
- D18 REMOVE CERAMIC FLOOR TILE, THRESHOLD/TRIM PIECE. PREP AREA TO RECEIVE NEW FLOORING.
- D19 REMOVE PORTION OF EXIST PLASTER CEILING AS INDICATED. REPLACE FITTINGS ON EXIST LEAKING PIPES. PROVIDE CONNECTION TO NEW TOILET RM 215A. PATCH CEILING TO MATCH EXIST. WHERE REQ.
- D20 STABILIZE ALUM STOREFRONT AS SHOWN ON DTL 8/A15. REGLAZE OPENINGS SHOWN ON ELEV. 3/A4.3.
- D21 REMOVE EXIST MTL STAIR.
- D22 REPLACE BROKEN GLASS. PREFIX INDICATES APPROXIMATE AREA IN SQ FOOTAGE. MATCH EXIST GLASS.
- D23 SCREW NON-OPERABLE WINDOW FRAMES IN FIXED POSITION.
- D24 REMOVE EXISTING CARPET

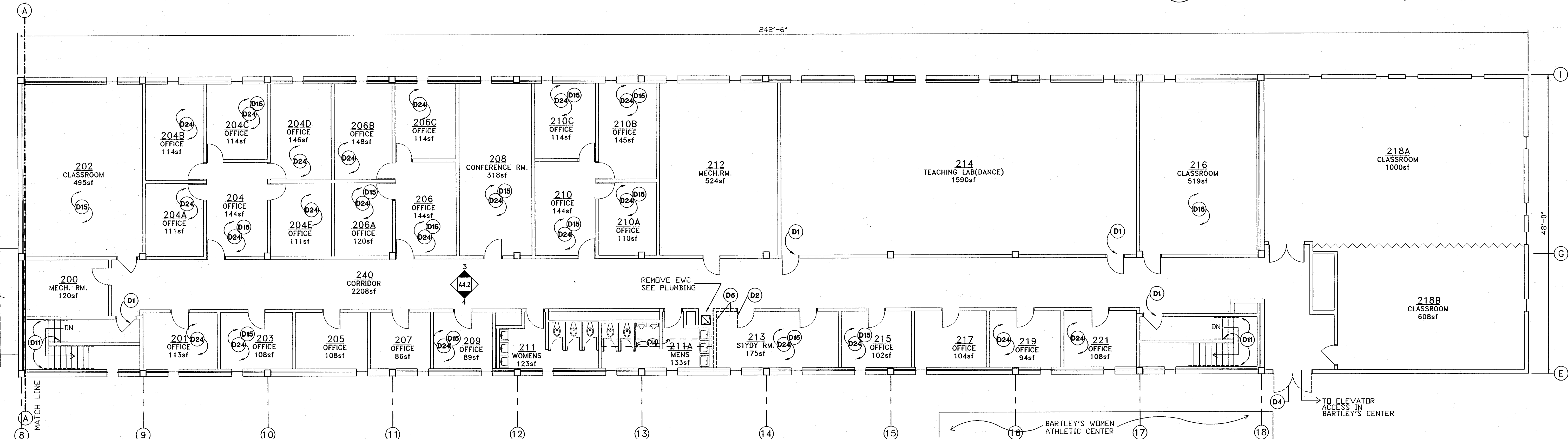


1 EXIST/DEMO GYM 2ND FLR
A0.2 SCALE: 1/8" = 1'-0"





1 EXIST/DEMO OFFICE COMPLEX 1ST FLOOR
A0.3 SCALE: 1/8" = 1'-0"



GENERAL DEMOLITION NOTES:

- ALL ITEMS INDICATED TO BE REMOVED OR DEMOLISHED (WITH THE EXCEPTION OF THE LIGHT FIXTURES & ASSOCIATED ITEMS) SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. LIGHTING ITEMS SHALL BE TURNED OVER TO THE OWNER.
- ALL MOVABLE FURNISHINGS SHALL BE REMOVED BY THE OWNER PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING FIXED FURNISHINGS / FIXTURES TO REMAIN.
- THE GYMNASIUM FLOOR AND THE FLOOR IN SPACE 214 SHALL BE PROTECTED WITH A DUST, STAIN & SCRATCH-PROOF COVER THROUGHOUT CONSTRUCTION. SEE SPECS.
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SUBSTANCES, HE SHALL IMMEDIATELY STOP WORK IN THAT AREA AND CONTACT THE ARCHITECT FOR FURTHER DIRECTION.

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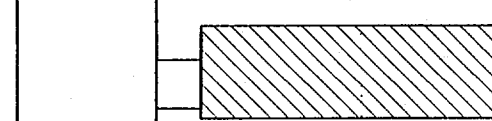
- REMOVE DOOR. PREP EXIST FRAME TO RECEIVE NEW DOOR.
- REMOVE DOOR & FRAME. SEE DOOR SCHEDULE FOR NEW DOOR(S) AS REQUIRED.
- REMOVE DOOR & FRAME. SAWCUT PORTION OF EXIST MASONRY WALL TO ACCOMMODATE NEW OPENING OR DOOR SIZE SHOWN ON SCHEDULE.
- REMOVE DOOR HARDWARE. PREP DOOR FOR NEW HARDWARE.
- REMOVE PORTION OF MASONRY WALL AS INDICATED. SEE NEW PLANS, ELEVATIONS & SCHEDULES FOR DIMENSIONS. PATCH FLOOR & CLG AS REQUIRED.

- REMOVE PORTION OF GYP BD OR PLASTER WALL AS INDICATED. SEE NEW PLANS, ELEVATIONS & SCHEDULES FOR DIMENSIONS.
- REMOVE ROLLUP SHUTTERS & METAL LATH & PORTION OF PLASTER WALL SYSTEM. SEE NEW PLANS & ELEVATIONS.
- REMOVE BUILT-IN COUNTER/CABINET.
- DEMOLISH PORTION OF CONCRETE FLOOR & STEPS AS INDICATED OR REQUIRED FOR NEW INSTALLATION.
- REMOVE TELESCOPIC BLEACHERS AND ALL ASSOCIATED ANCHORAGE SYSTEMS.
- REMOVE METAL GUARD/HAND RAILING & ANY ASSOCIATED SUPPORTS OR WOODEN BASE BOARD. SEE NEW PLANS FOR REPLACEMENT OR PATCH TO MATCH EXISTING.
- REMOVE CARPET, THRESHOLD/TRIM PIECE AND ANY UNDERLAYMENT. PREP AREA TO RECEIVE NEW FLOORING.
- REMOVE RESILIENT FLOOR TILE, THRESHOLD/TRIM PIECE.

- PREP AREA TO RECEIVE NEW FLOORING.
- SAWCUT AND REMOVE INDICATED PORTION OF EXISTING PLASTER/GYP. BD. CEILING.
- REMOVE LAY-IN CEILING & GRID SYSTEM.
- REMOVE GLUED-ON CEILING TILES.
- REMOVE AND REPLACE TOILET ACCESSORIES AS SHOWN ON PLANS OR INTERIOR ELEVATIONS.
- REMOVE CERAMIC FLOOR TILE, THRESHOLD/TRIM PIECE. PREP AREA TO RECEIVE NEW FLOORING.
- REMOVE PORTION OF EXIST PLASTER CEILING AS INDICATED. REPLACE FITTINGS ON EXIST LEAKING PIPES. PROVIDE CONNECTION TO NEW TOILET RM. 213A. PATCH CEILING TO MATCH EXIST. WHERE REQ.
- STABILIZE ALUM STOREFRONT AS SHOWN ON DTL 8/A1.5. REGRAZE OPENINGS SHOWN ON ELEV. 5/A4.3.

- REMOVE EXIST MTL STAIR.
- REPLACE BROKEN GLASS. PREFIX INDICATES APPROXIMATE AREA IN SQ FOOTAGE. MATCH EXIST GLASS.
- SCREW NON-OPERABLE WINDOW FRAMES IN FIXED POSITION.
- REMOVE EXISTING CARPET.

KEY PLAN



2 EXIST/DEMO OFFICE COMPLEX 2ND FLOOR
A0.3 SCALE: 1/8" = 1'-0"

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CHECKED:	ASA
DATE:	6/1/95
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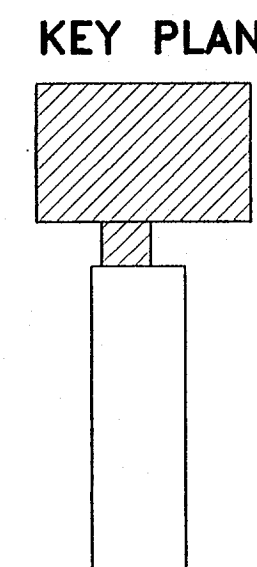
SHEET TITLE:
**EXIST/DEMO
OFFICE BLDG.
FIRST FLOOR
PLAN**

SCALE:
AS SHOWN

SHEET NO.:

A0.3

4 OF 35



N1	INSTALL CONCRETE RAMP WITH DIMENSIONS AS SHOWN. EXTERIOR RAMPS SHALL HAVE A LIGHT BROOM FINISH. SEE FINISH SCHEDULE FOR INTERIOR RAMP FINISH.
N2	NEW MASONRY WALL AS INDICATED. MATCH EXIST COURSING AND EXIST WALL THICKNESS, OR THICKNESS INDICATED AS SUPERSCRIPIT.
N3	NEW FIXED 42" HIGH 1 1/2" STEEL RAILING. SEE SPECS.
N4	NEW MOTORIZED TELESCOPIC BLEACHERS.
N5	42" HIGH REMOVABLE RAIL SECTION
N6	NEW 1 1/2" PAINTED STL HANDRAIL
N7	NEW STL STUD WALL AS SHOWN WITH GYP BD EACH SIDE.
N8	REPLACE BROKEN GLASS.

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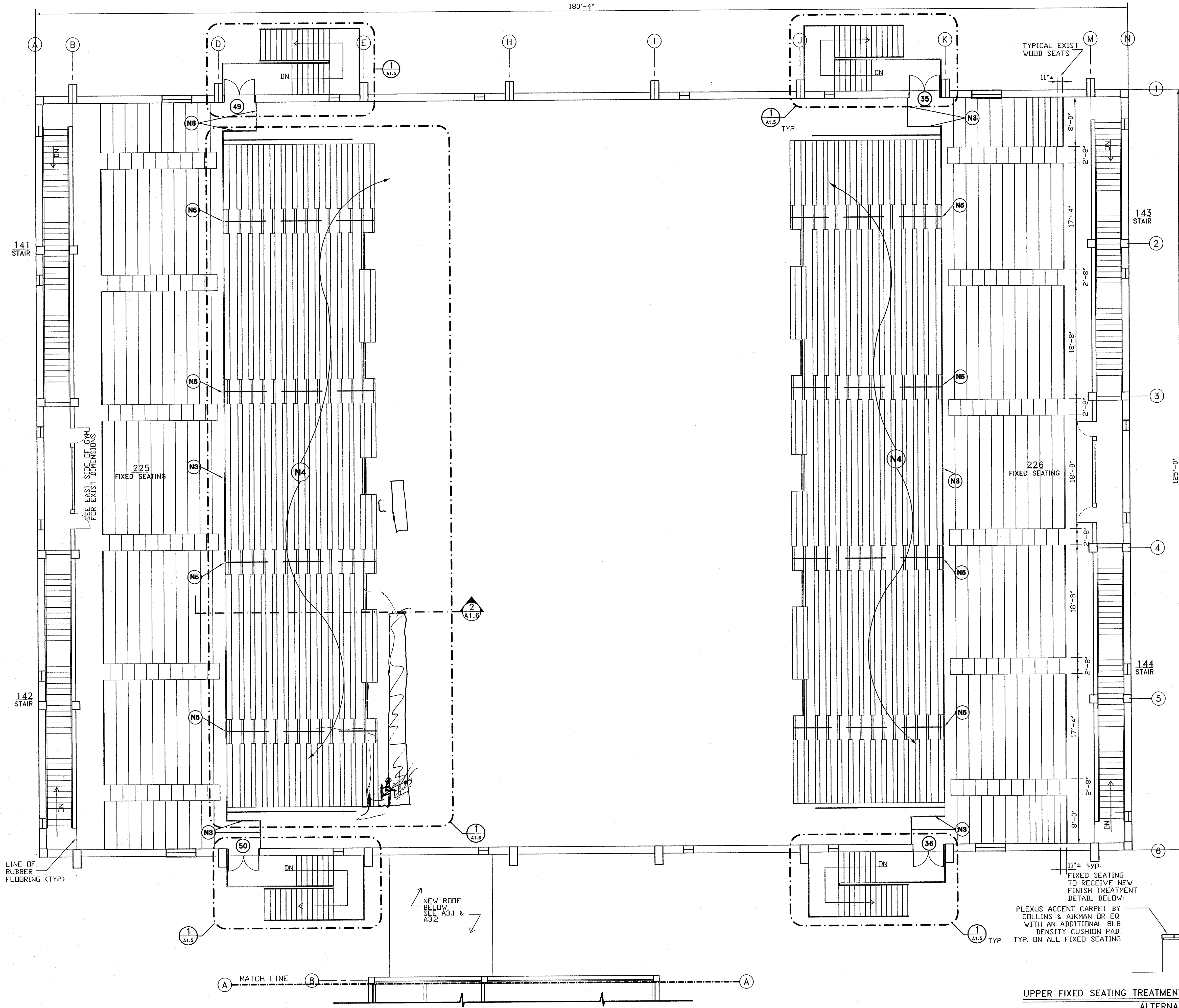
SHEET TITLE:

**GYMNASIUM
FIRST FLOOR
PLAN**

SCALE:

AS SHOWN

SHEET NO.:
A1.1
5 OF 35



- GENERAL NOTES:**
- SEE CONSTRUCTION MANAGER'S BID PACKAGES FOR EXTENT AND NUMBER OF ALTERNATE(S) SHOWN ON DRAWINGS.
 - VERIFY ALL DIMENSIONS IN FIELD. REPORT ANY AMBIGUITY IMMEDIATELY TO THE ARCHITECT BEFORE COMMENCING WORK.
 - ALL CONTIGUOUS SURFACES MUST BE HOMOGENEOUSLY FINISHED. TO MATCH EXISTING ADJACENT SURFACES.
 - ALL MASONRY OUTSIDE CORNERS SHALL HAVE A RADIUS OF 1" MIN.
 - SEE ROOM FINISH SCHEDULE AND RESPECTIVE SPECIFICATION SECTIONS FOR NEW FINISHES, DOORS, FRAMES AND FINISH HARDWARE.

- KEYNOTES:**
- N1 INSTALL CONCRETE RAMP WITH DIMENSIONS AS SHOWN. EXTERIOR RAMPS SHALL HAVE A LIGHT BROOM FINISH. SEE FINISH SCHEDULE FOR INTERIOR RAMP FINISH.
 - N2 NEW MASONRY WALL AS INDICATED. MATCH EXIST COURSING AND EXIST WALL THICKNESS, OR THICKNESS INDICATED AS SUPERSCRIPT.
 - N3 NEW FIXED 42" HIGH 1 1/2" STEEL RAILING. SEE SPECS.
 - N4 NEW MOTORIZED TELESCOPIC BLEACHERS.
 - N5 42" HIGH REMOVABLE RAIL SECTION
 - N6 NEW 1 1/2" PAINTED STL HANDRAIL
 - N7 NEW STL STUD WALL AS SHOWN WITH GYP BD EACH SIDE.
 - N8 REPLACE BROKEN GLASS.

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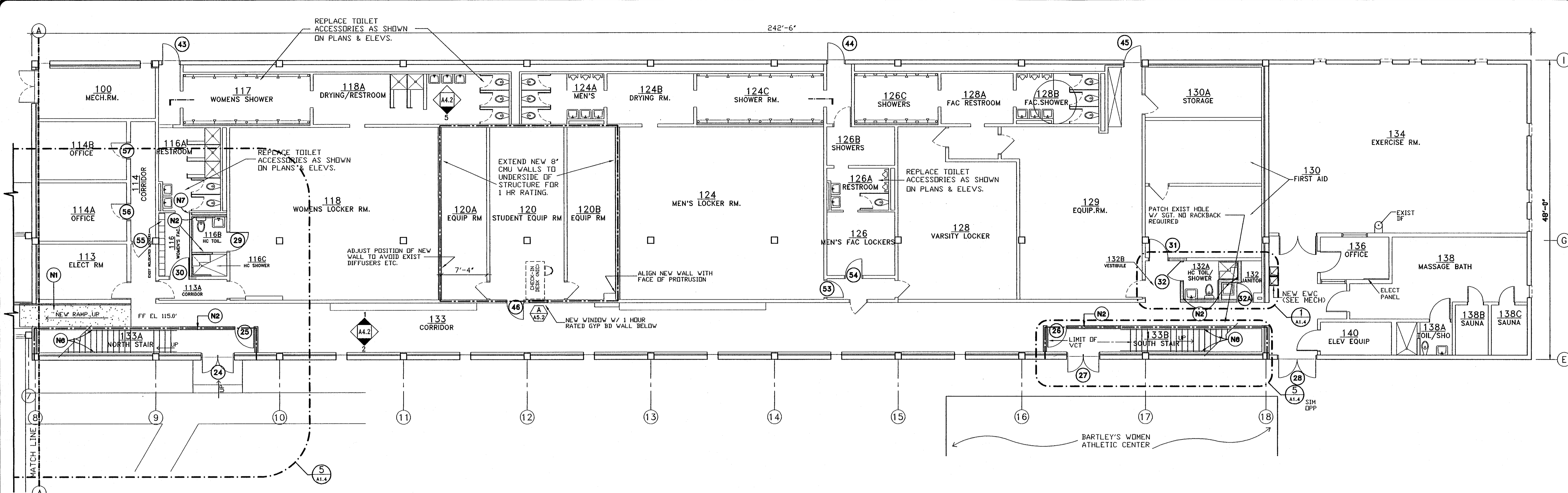
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CONSTRUCTION DOCUMENTS

SHEET TITLE:
GYMNASIUM
SECOND FLOOR
PLAN
AS SHOWN

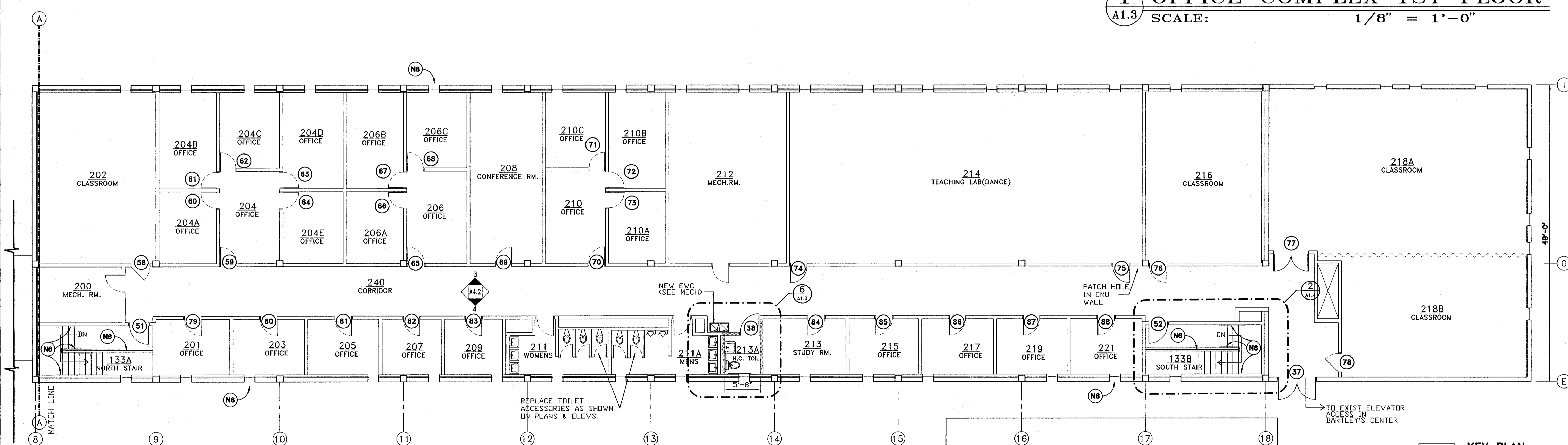
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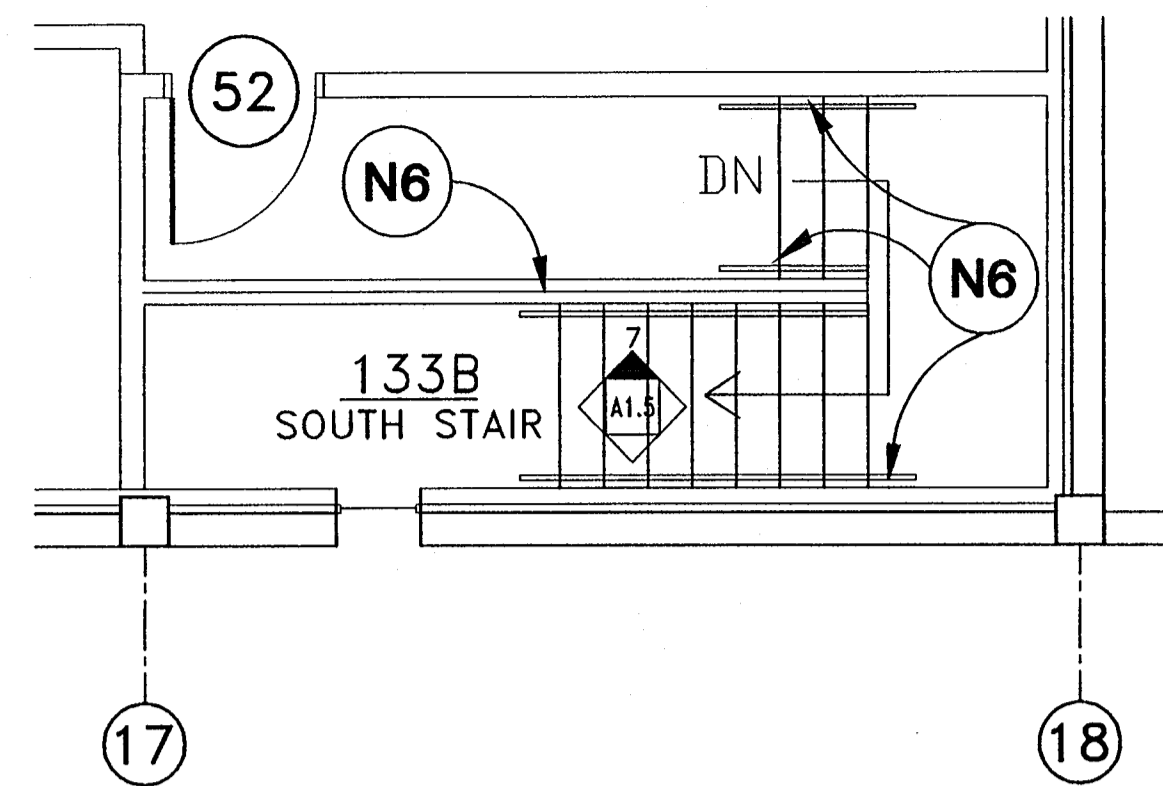
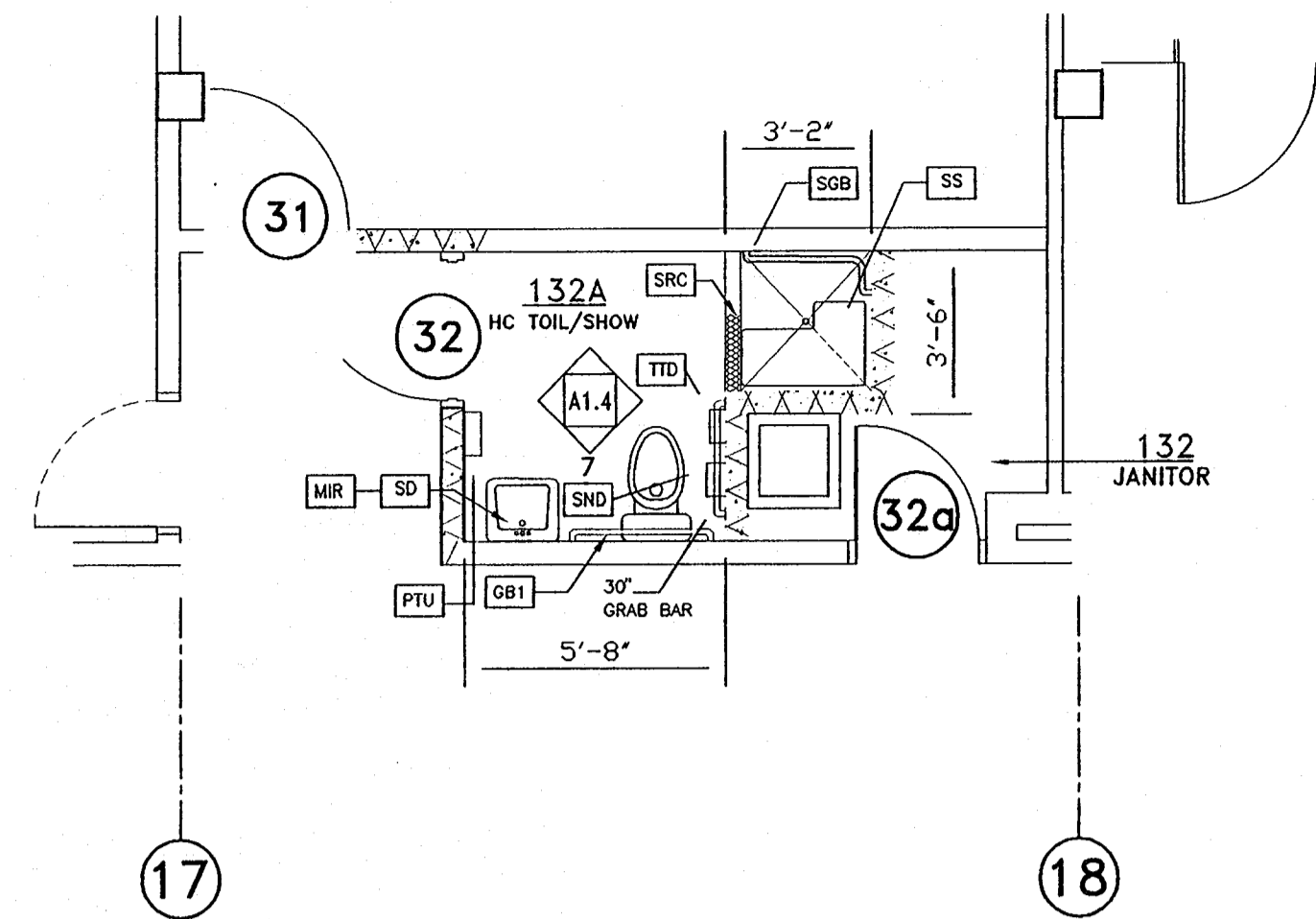
6 OF 35

1 GYMNASIUM 2ND FLOOR PLAN
SCALE: 1/8" = 1'-0" NORTH

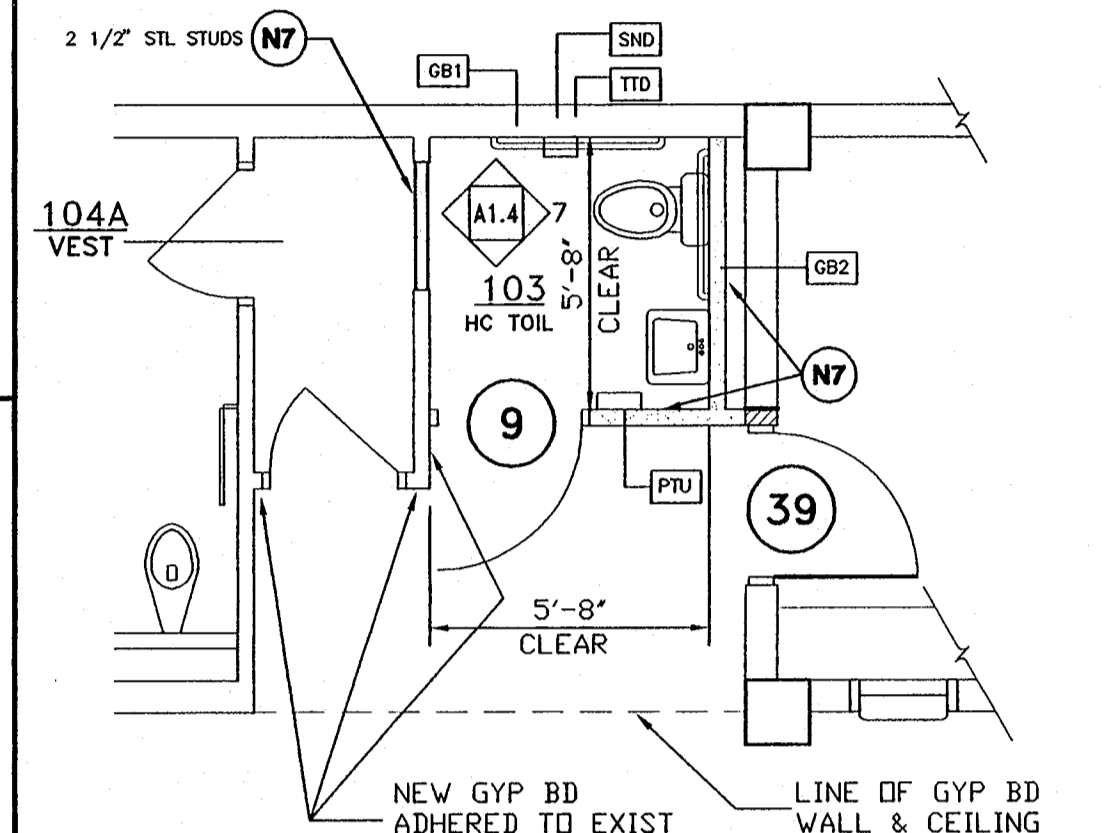
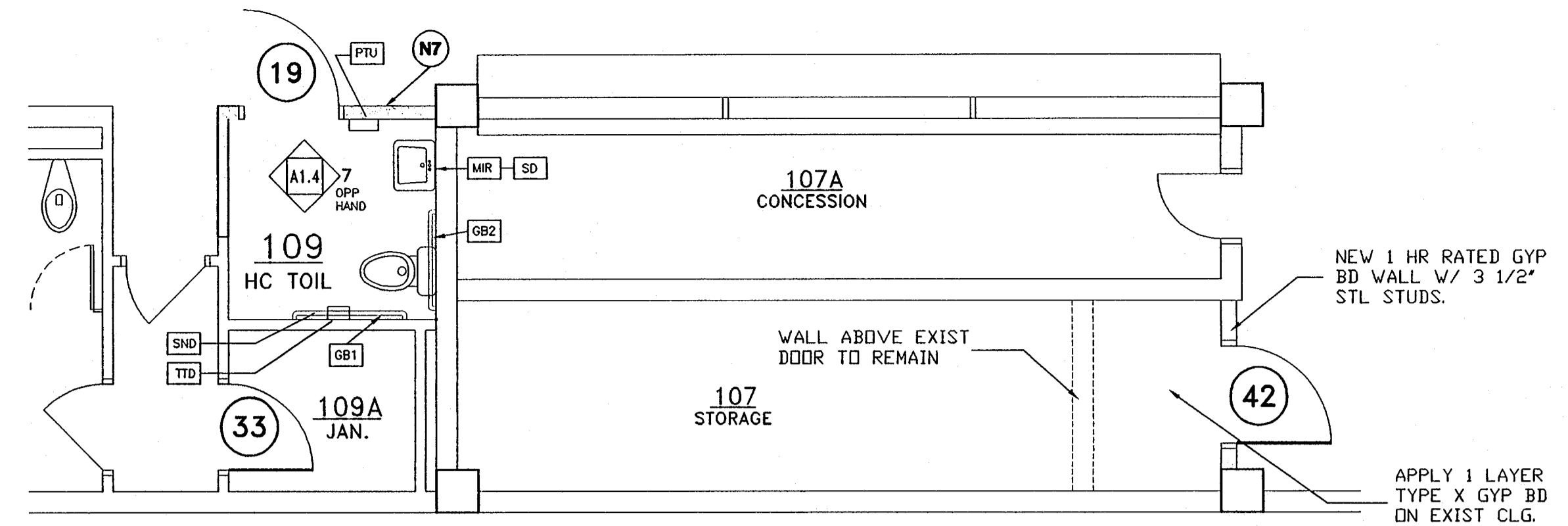


1 OFFICE COMPLEX 1ST FLOOR
 A1.3 SCALE: 1/8" = 1'-0"

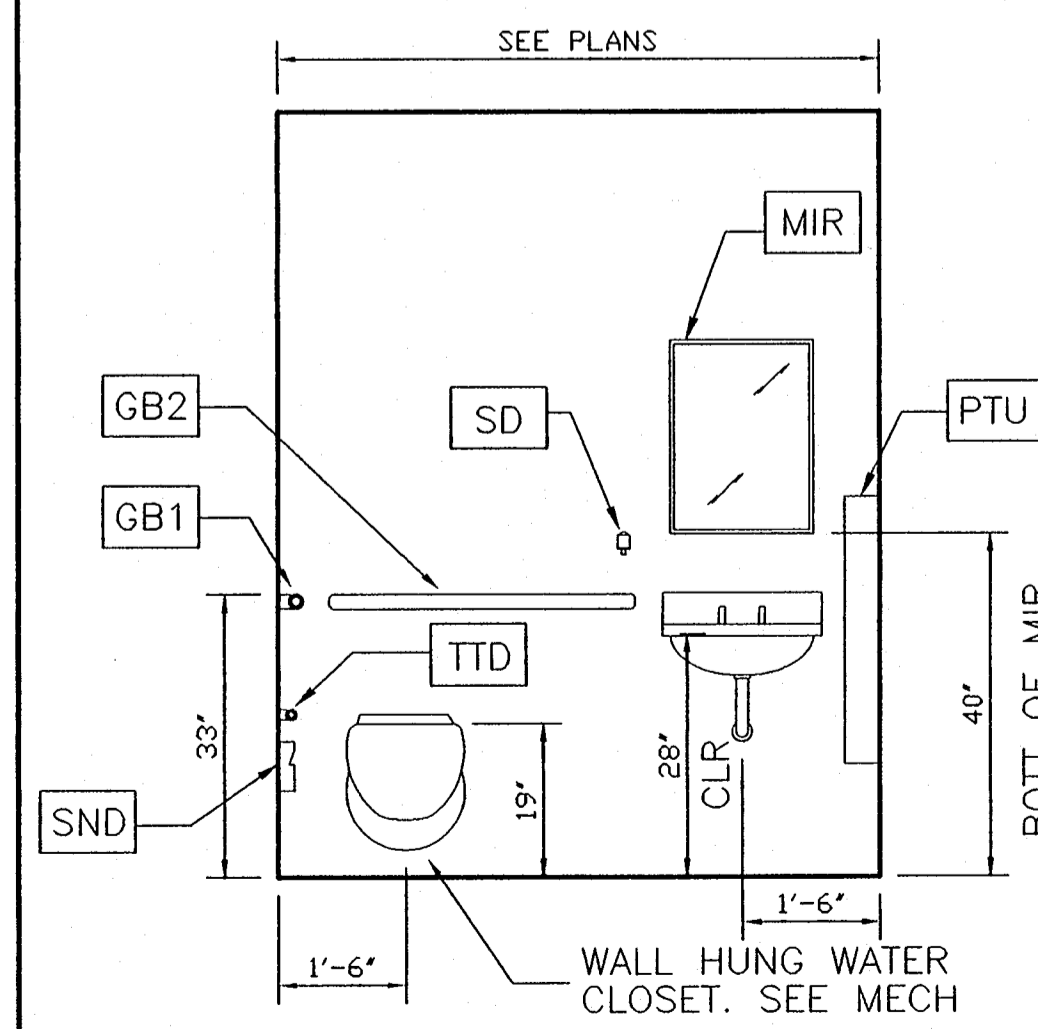
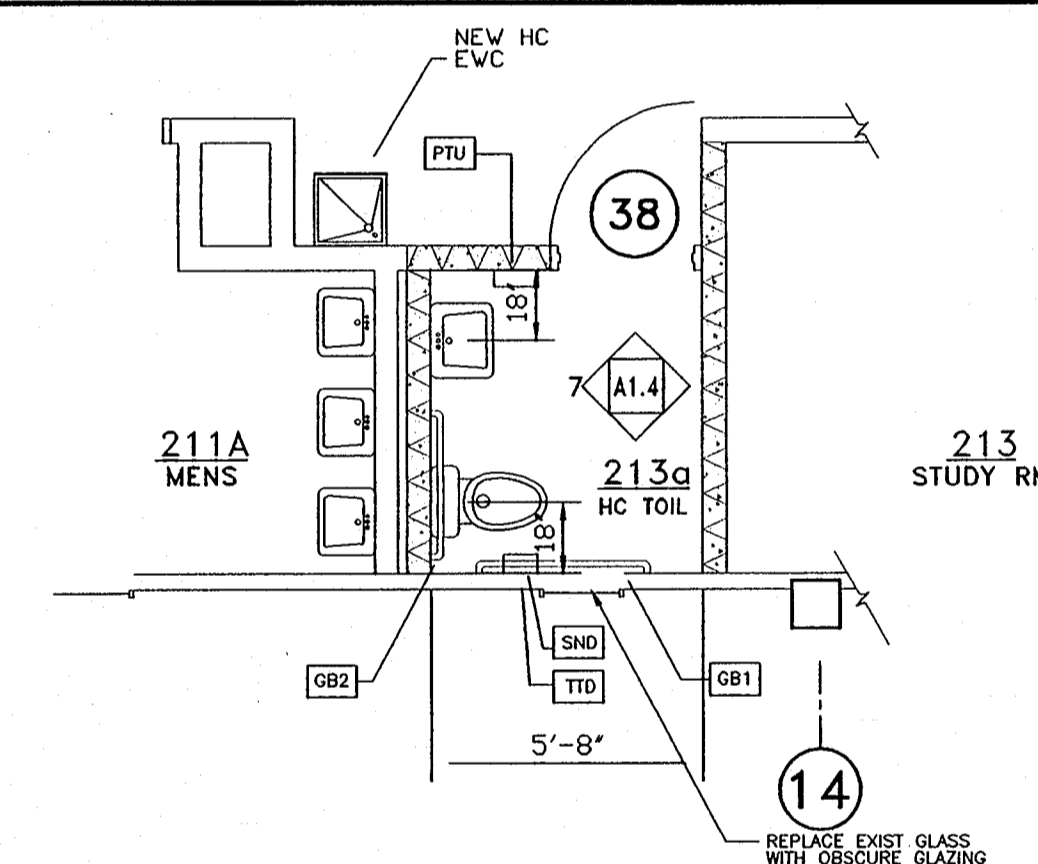




2 OFFICE COMPLEX WOMEN'S SHOWER
SCALE: 1/4" = 1'-0"



4 GYM HC TOILET 103 PLAN
SCALE: 1/4" = 1'-0"



TOILET ACCESSORIES LEGEND SEE SPEC. SECTION 10800	
GB1	42" GRAB BAR - UNLESS OTHERWISE NOTED
GB2	36" GRAB BAR
SND	SANITARY NAPKIN DISPOSAL UNIT *
SD	SOAP DISPENSER
TTD	TOILET TISSUE DISPENSER
MIR	FRAMED 18" W X 14" H MIRROR
SS	HC SHOWER SEAT
SGB	SHOWER GRAB BARS
PTU	PAPER TOWEL UNIT
SRC	SHOWER ROD & CURTAIN

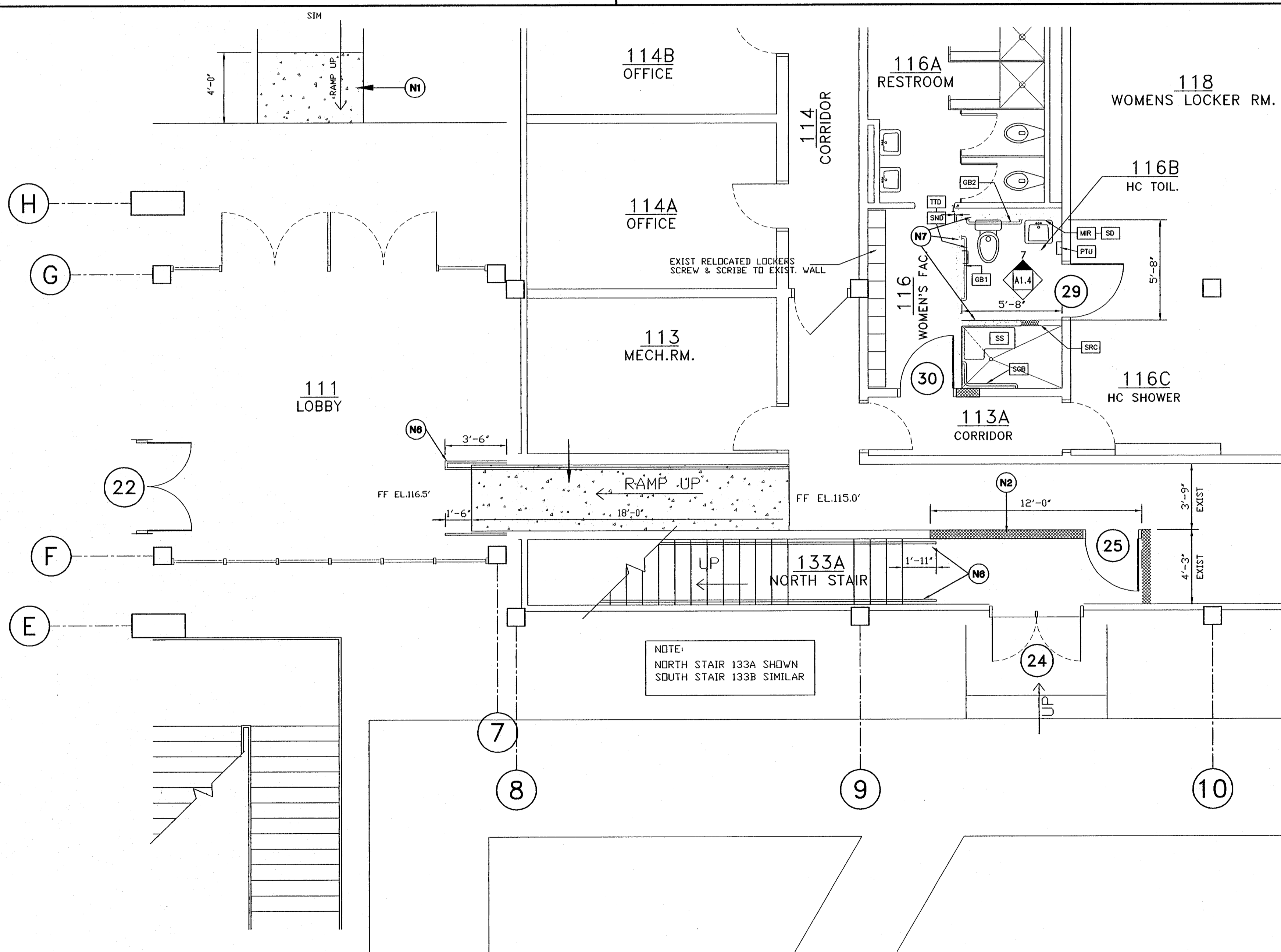
* RECESSED IN NEW WALLS, SURFACE MOUNTED
@ EXISTING CONSTRUCTION
SEE INTERIOR ELEVATIONS AND/OR PLANS OF
EXISTING TOILET ROOMS FOR EXTENT OF NEW TOILET
ACCESSORIES TO BE PROVIDED

GENERAL NOTES:

- SEE CONSTRUCTION MANAGER'S BID PACKAGES FOR EXTENT AND NUMBER OF ALTERNATE(S) SHOWN ON DRAWINGS.
- VERIFY ALL DIMENSIONS IN FIELD. REPORT ANY AMBIGUITY IMMEDIATELY TO THE ARCHITECT BEFORE COMMENCING WORK.
- ALL CONTIGUOUS SURFACES MUST BE HOMOGENEOUSLY FINISHED. TO MATCH EXISTING ADJACENT SURFACES.
- ALL MASONRY OUTSIDE CORNERS SHALL HAVE A RADIUS OF 1' MIN.
- SEE ROOM FINISH SCHEDULE AND RESPECTIVE SPECIFICATION SECTIONS FOR NEW FINISHES, DOORS, FRAMES AND FINISH HARDWARE.

KEYNOTES:

- INSTALL CONCRETE RAMP WITH DIMENSIONS AS SHOWN. EXTERIOR RAMP SHALL HAVE A LIGHT BROOM FINISH. SEE FINISH SCHEDULE FOR INTERIOR RAMP FINISH.
- NEW MASONRY WALL AS INDICATED. MATCH EXIST COURSING AND EXIST WALL THICKNESS, OR THICKNESS INDICATED AS SUPERSCRIPIT.
- NEW FIXED 42" HIGH 1 1/2" STEEL RAILING. SEE SPECS.
- NEW MOTORIZED TELESCOPIC BLEACHERS.
- 42" HIGH REMOVABLE RAIL SECTION
- NEW 1 1/2" PAINTED STL HANDRAIL
- NEW STL STUD WALL AS SHOWN WITH GYP BD EACH SIDE.
- REPLACE BROKEN GLASS.



NOTE:
NORTH STAIR 133A SHOWN
SOUTH STAIR 133B SIMILAR

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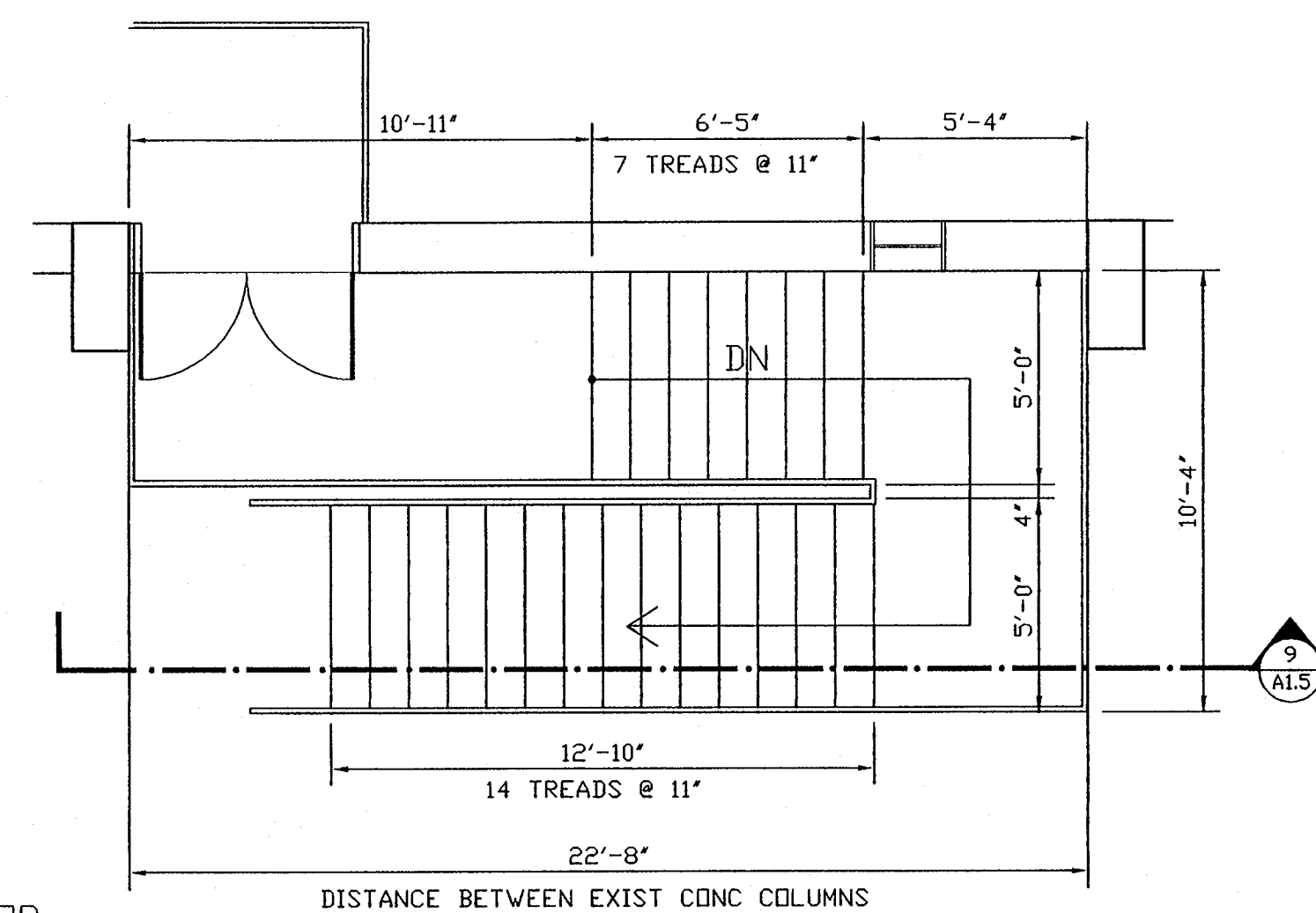
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SHEET TITLE:
ENLARGED FLOOR PLANS & DETAILS

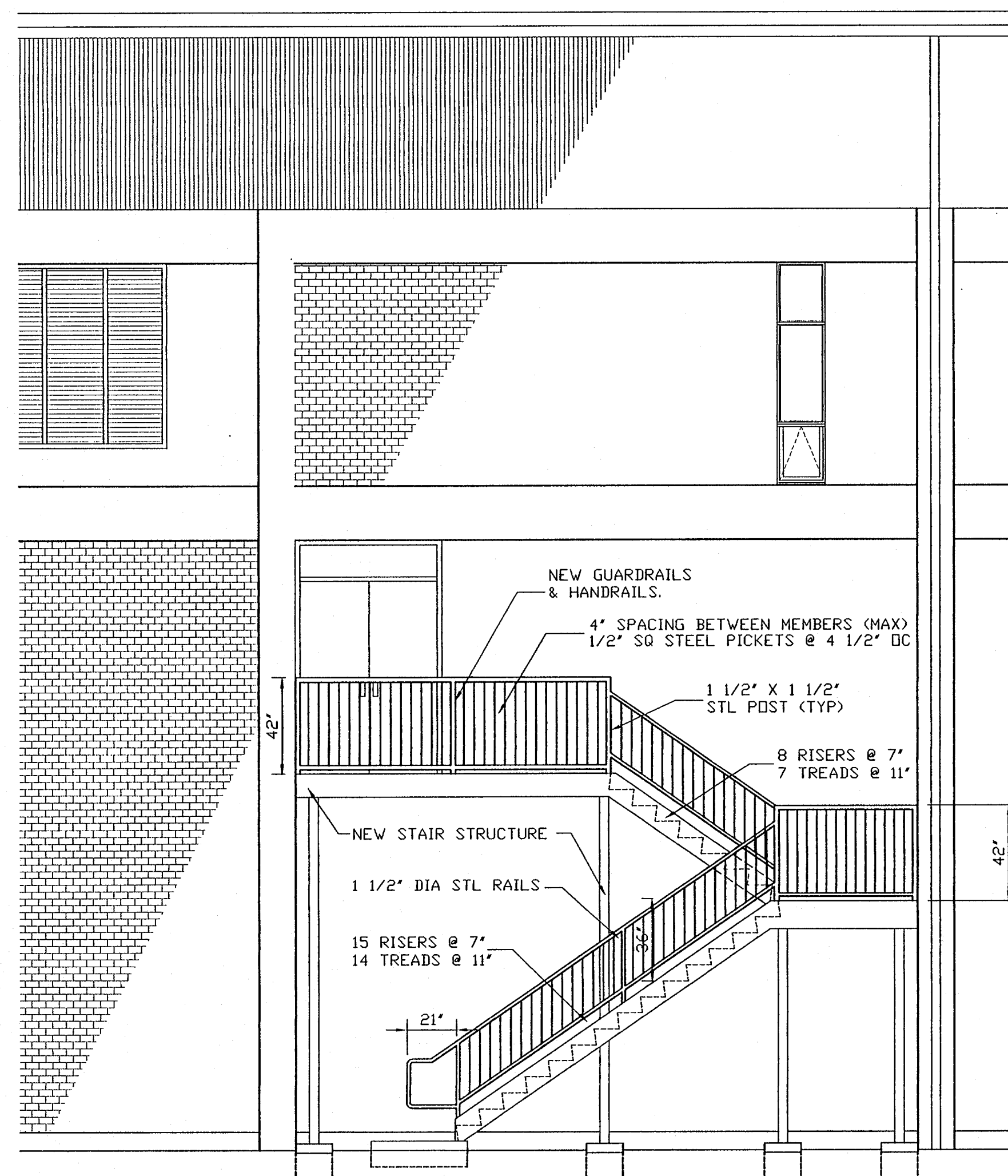
SCALE:
AS SHOWN

SHEET NO.:
A1.4
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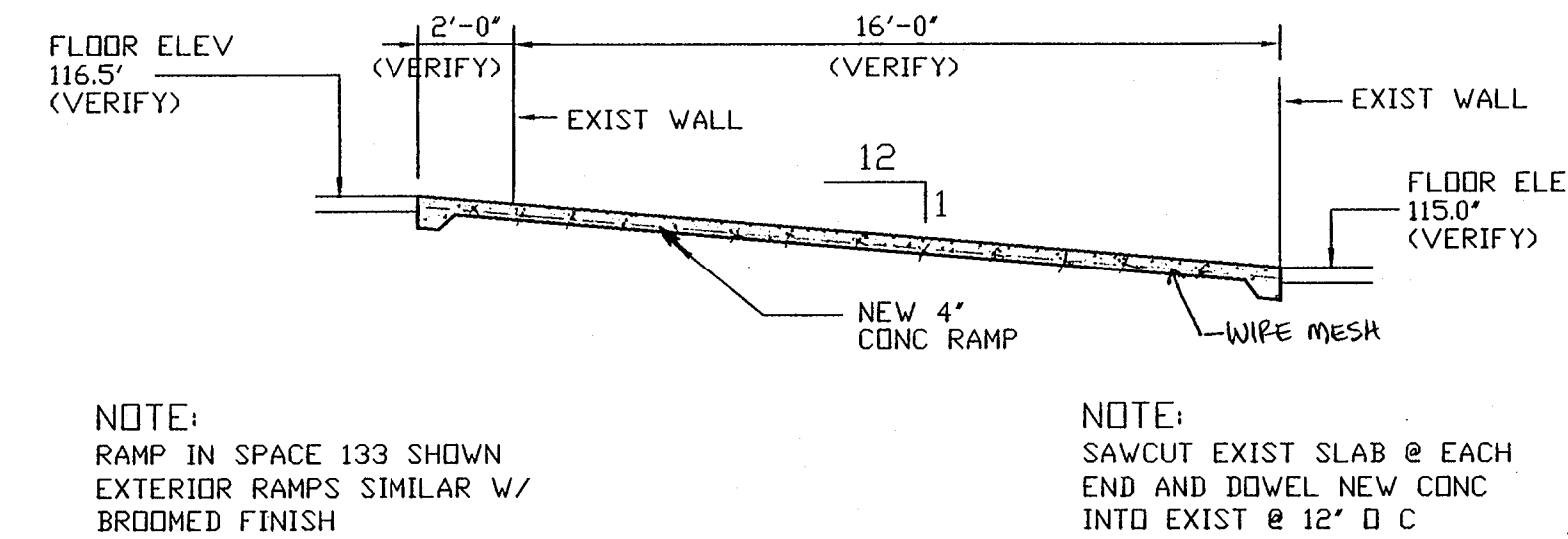
NOTE:
PLAN TYPICAL FOR
ALL 4 EXTERIOR STAIRS
(2 STAIRS ARE OPPOSITE HAND)

1 TYP GYM EXTERIOR STAIR PLAN
A1.5 SCALE: 1/4" = 1'-0"



NOTE:
ELEVATION TYPICAL FOR
ALL 4 EXTERIOR STAIRS
(2 STAIRS ARE OPPOSITE HAND)

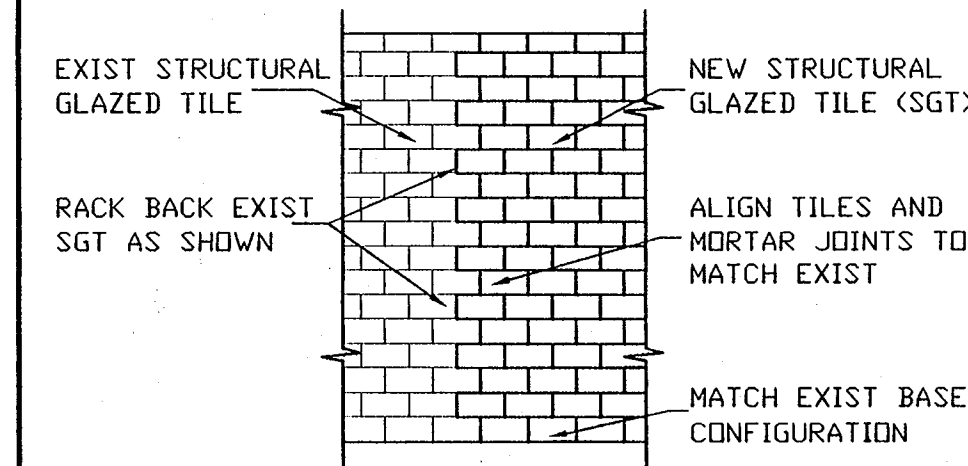
5 TYP GYM EXTERIOR STAIR ELEVATION
A1.5 SCALE: 1/4" = 1'-0"



NOTE:
RAMP IN SPACE 133 SHOWN
EXTERIOR RAMPS SIMILAR W/
BROOMED FINISH

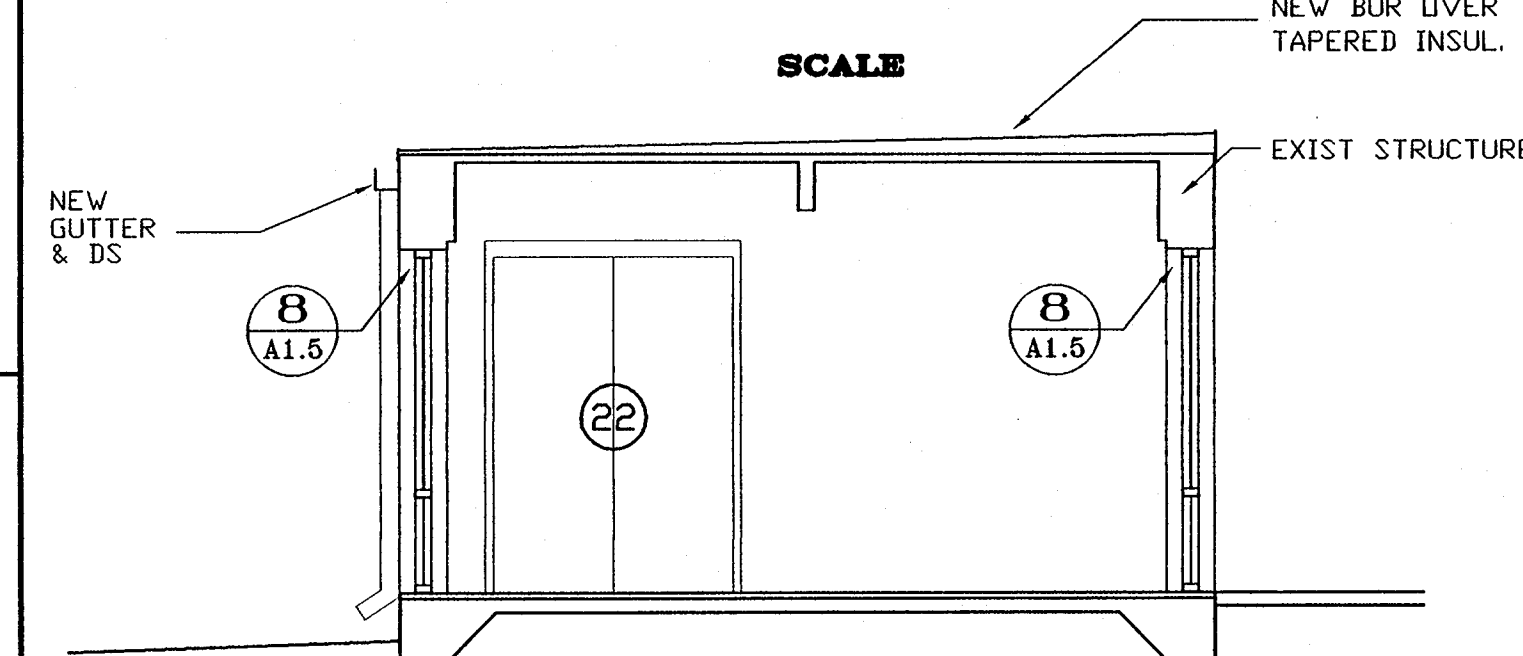
NOTE:
SAWCUT EXIST SLAB @ EACH
END AND DOWEL NEW CONC
INTO EXIST @ 12" O.C.

2 TYPICAL RAMP DETAIL
A1.5 SCALE: 1/4" = 1'-0"

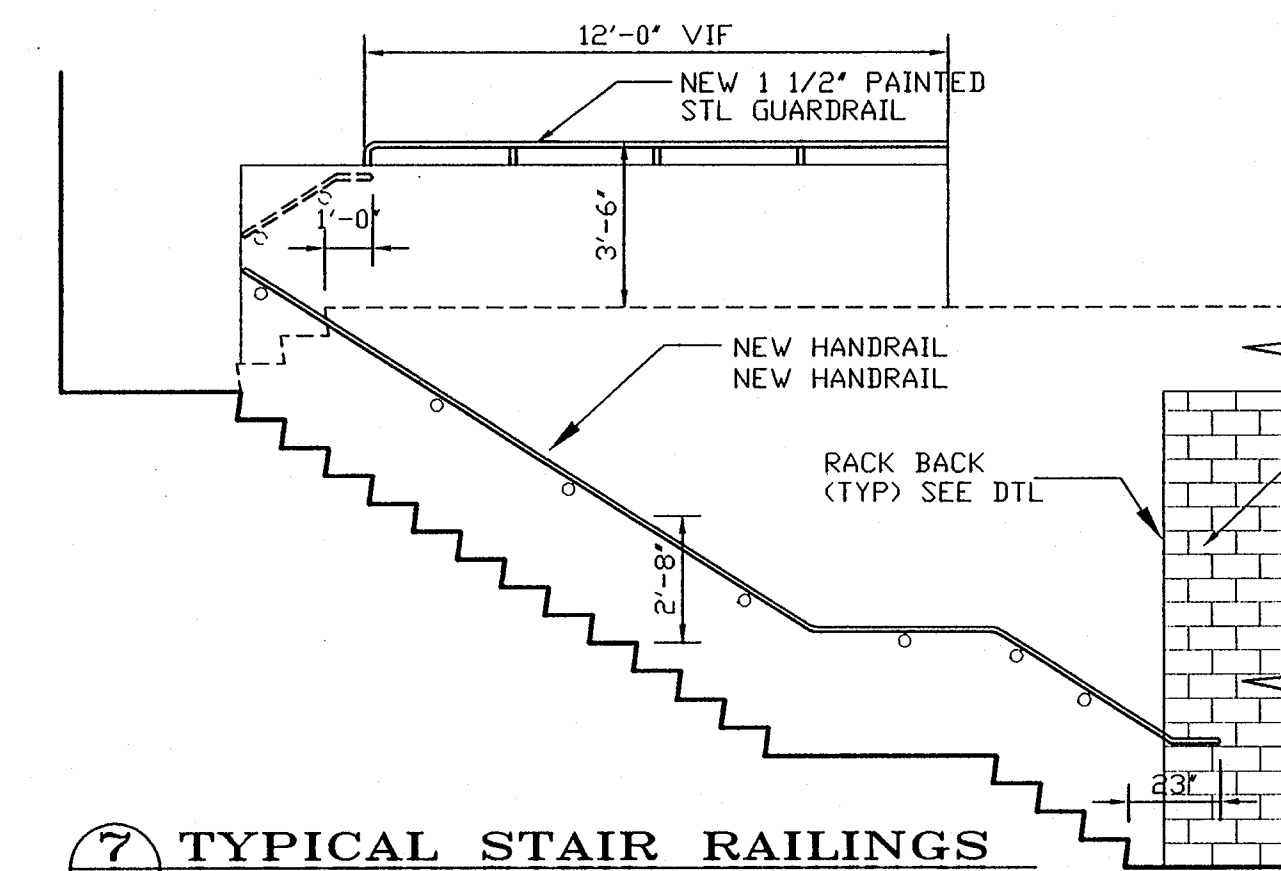


3 SGT JOINING DETAIL
A1.5 SCALE: 1/4" = 1'-0"

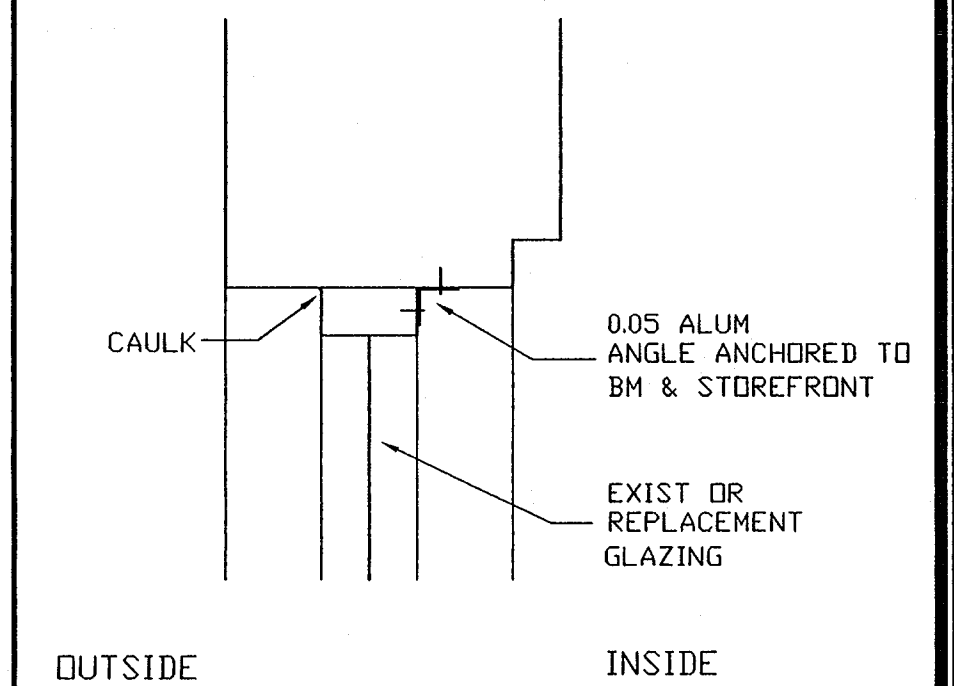
4 NOT USED
A1.5 SCALE:



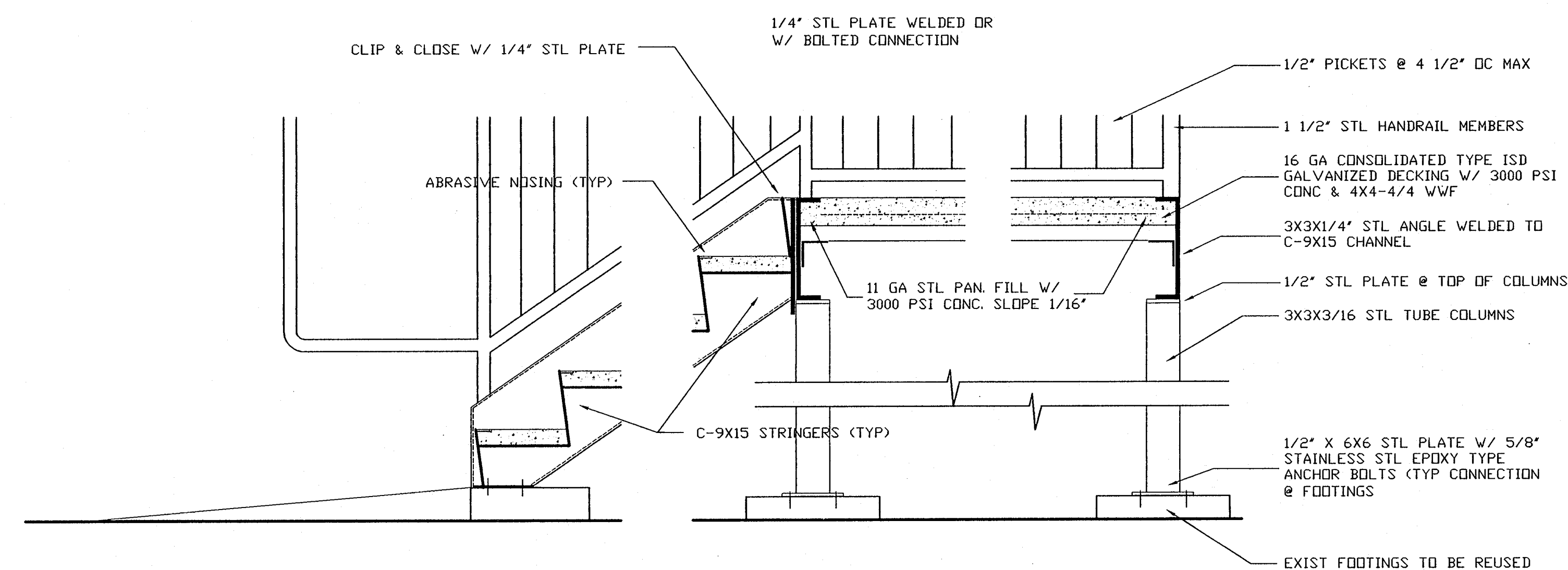
6 SECT@LOBBY 111
A1.5 SCALE: 1/4" = 1'-0"



7 TYPICAL STAIR RAILINGS
A1.5 SCALE: 1/4" = 1'-0"



8 SGT JOINING DETAIL
A1.5 SCALE: 1/4" = 1'-0"



9 GYM EXTERIOR STAIR DETAILS
A1.5 SCALE: 1" = 1'-0"

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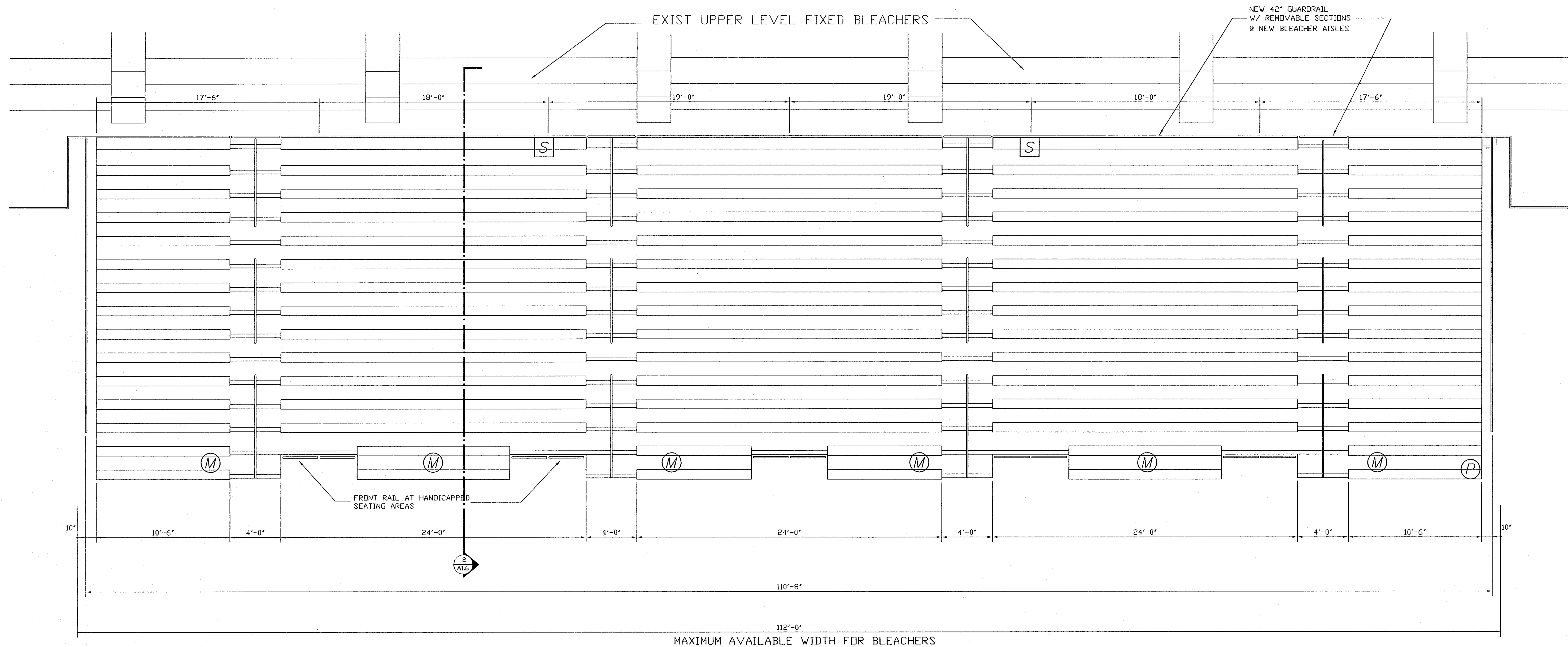
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ENLARGED PLANS
& DETAILS

SCALE:
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SHEET NO.:

A1.5

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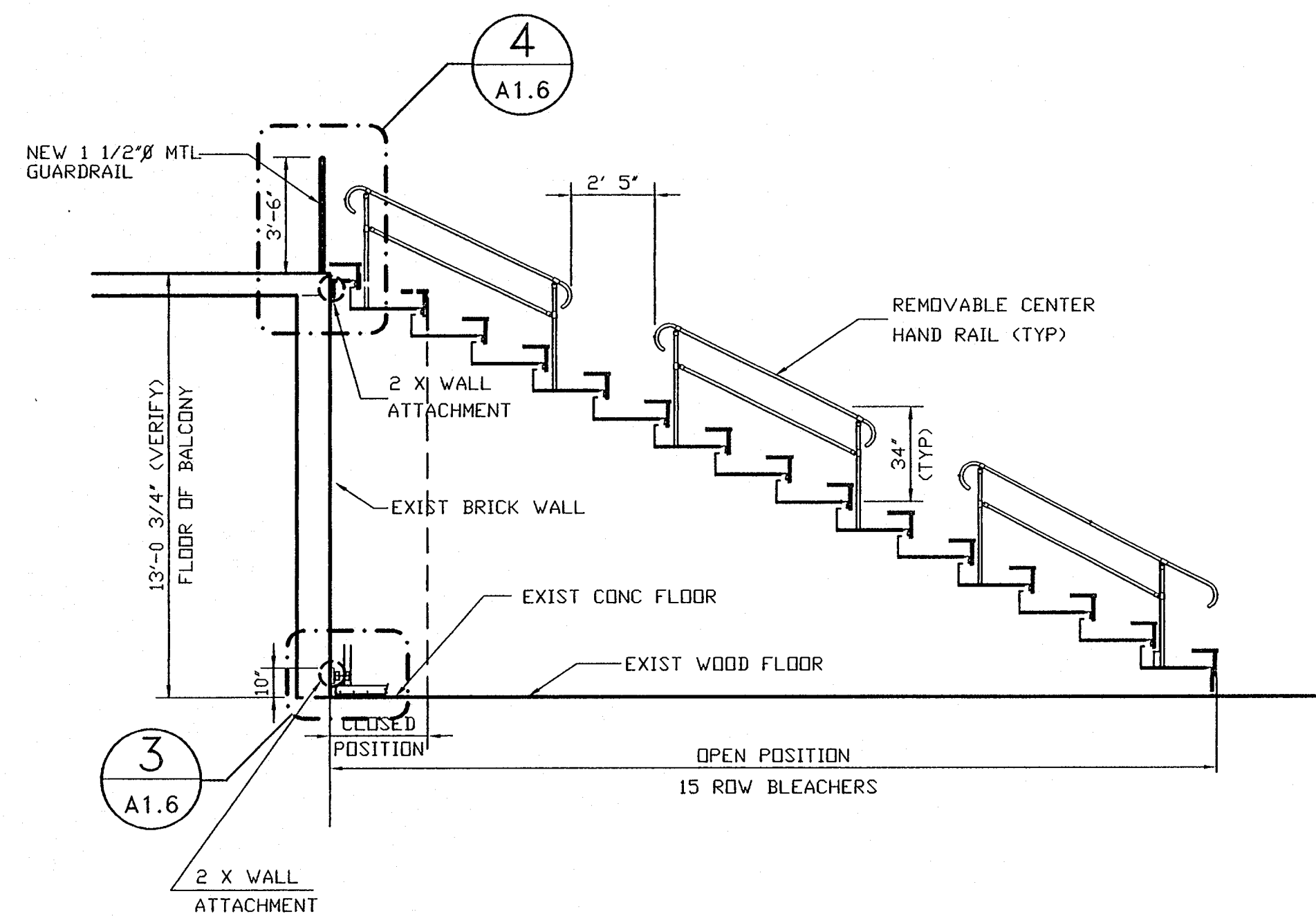


1 DIAGRAMATIC BLEACHER PLAN
A1.6 SCALE: $1/4" = 1'-0"$

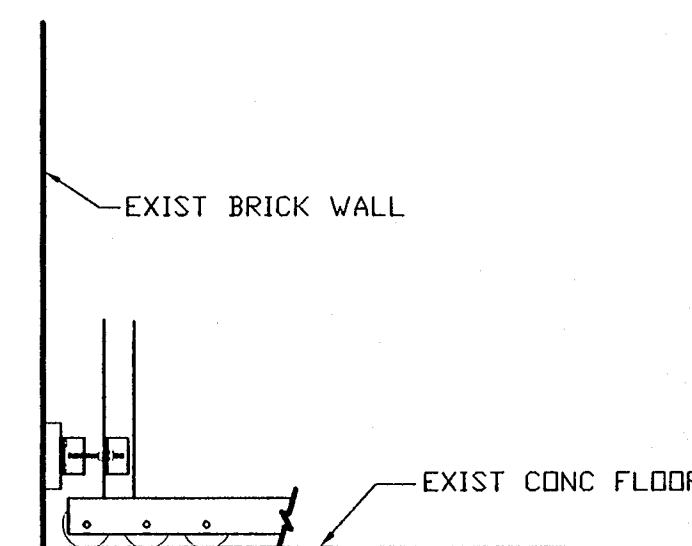
PLAN TYP FOR EACH SIDE OF GYMNASIUM
 LOCATION AND QUANTITY OF ITEMS SHOWN
 IN LEGEND MAY VARY PER MANUFACTURER.

LEGEND

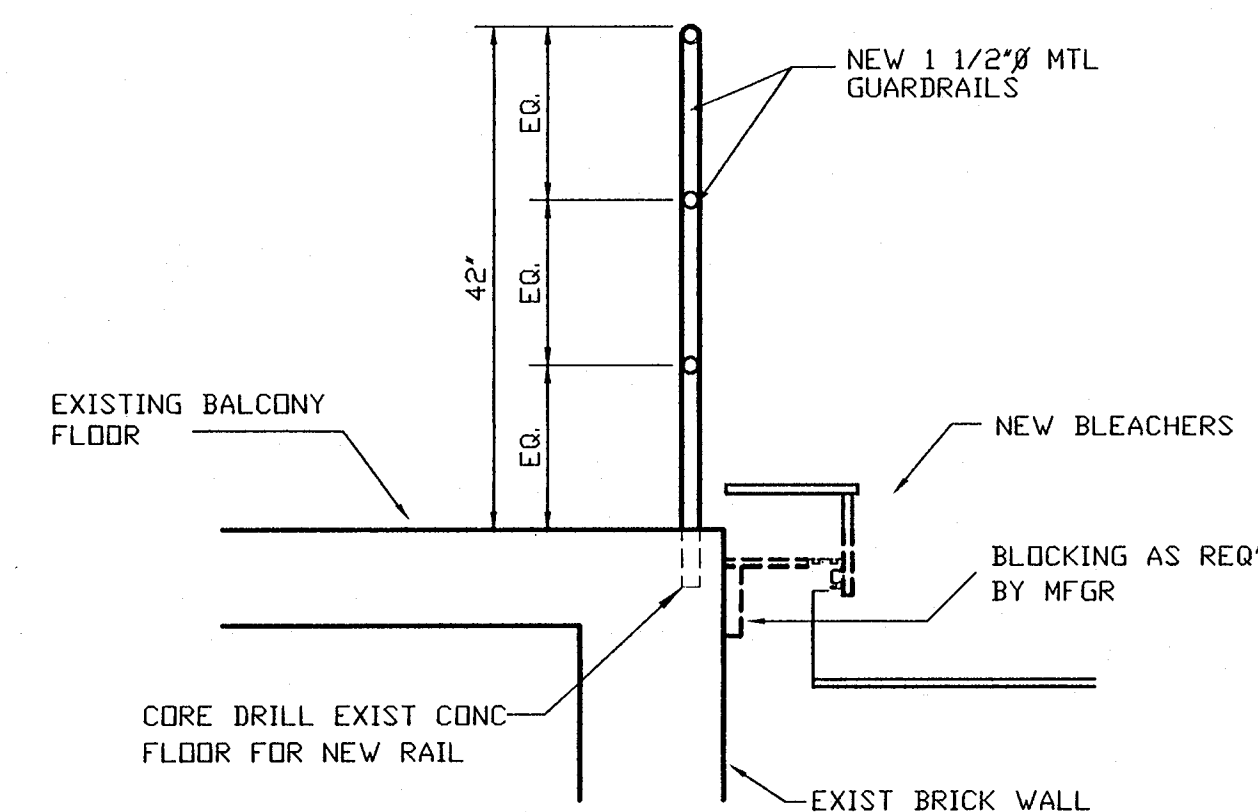
- (M) MOTOR LOCATION
- (S) POWER SOURCE (2-30 AMP REQ'D)
- (P) PENDANT LOCATION
- READILY ACCESSIBLE DISCONNECT BOX & WIRING (AS REQ'D BY NEC - SUPPLIED AND LOCATED BY OTHERS)



2 DIAGRAMATIC BLEACHER SECTION
A1.6 SCALE: $1/4" = 1'-0"$



3 DIAGRAMATIC ROLLER MECHANISM
A1.6 SCALE: $3/4" = 1'-0"$



4 NEW GUARDRAIL DETAIL
A1.6 SCALE: $3/4" = 1'-0"$

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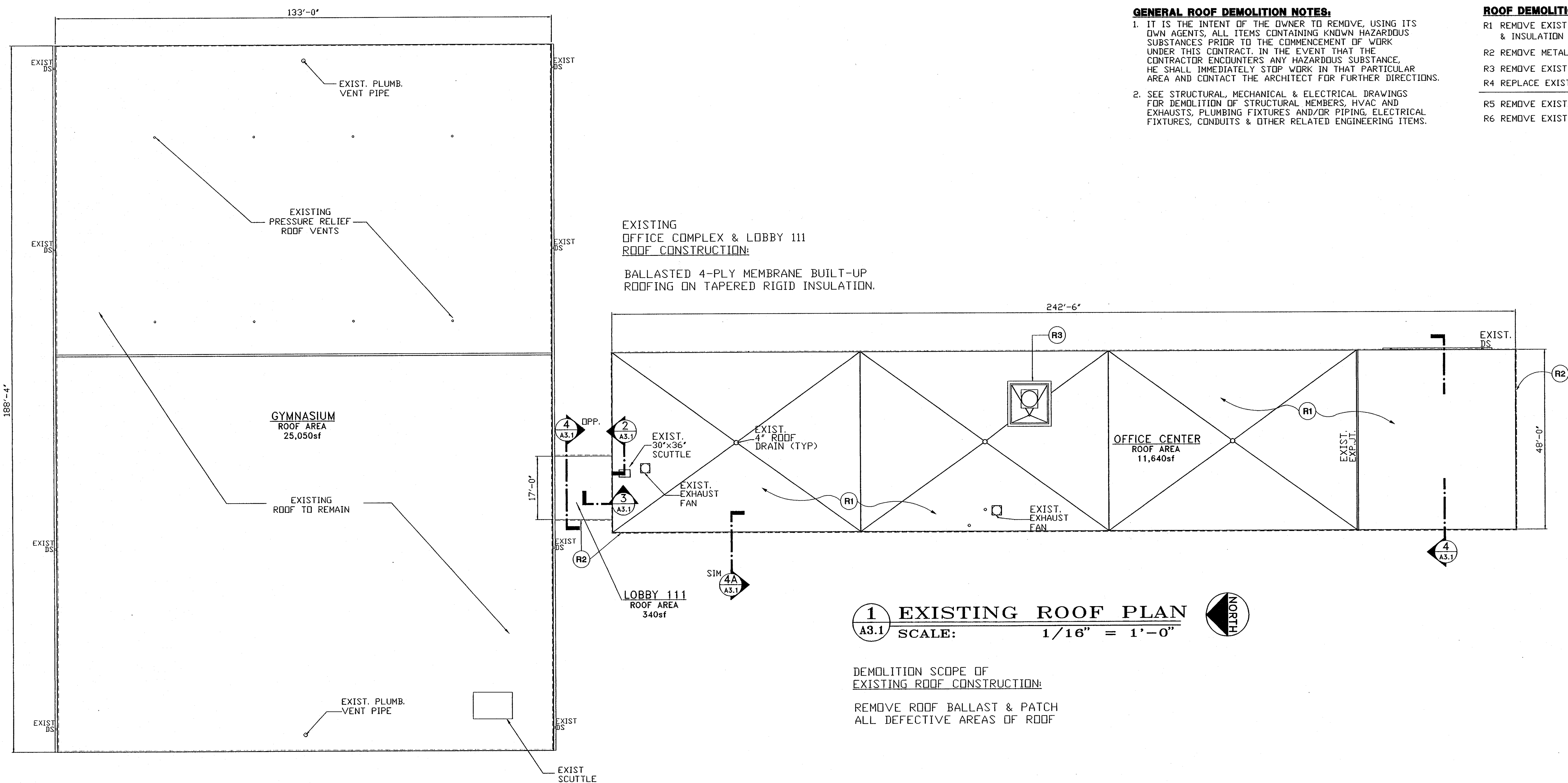
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SHEET TITLE:
 ENLARGED
 BLEACHER
 PLANS, SECTS
 & DETAILS
 SCALE:
 AS SHOWN

SHEET NO.:
A1.6
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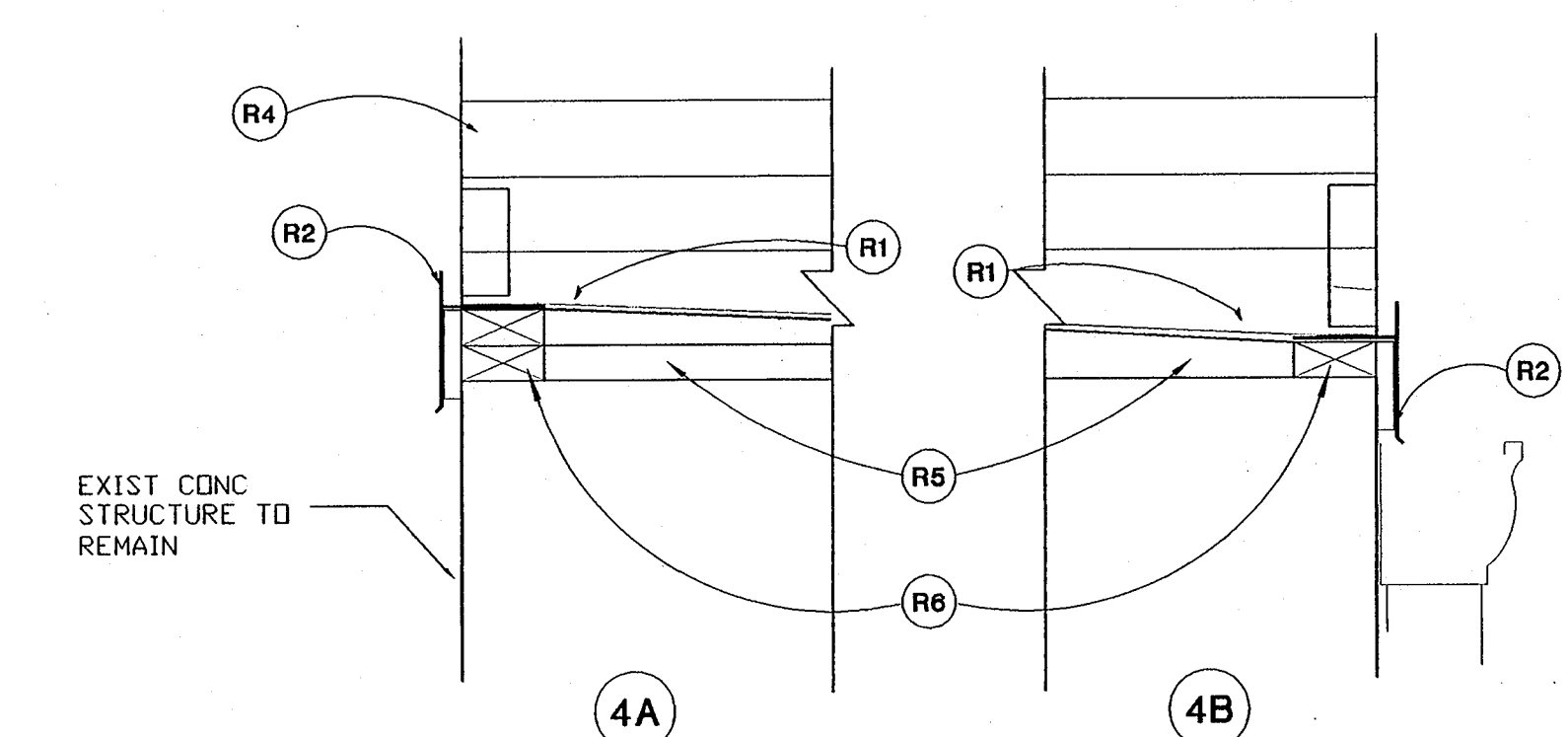
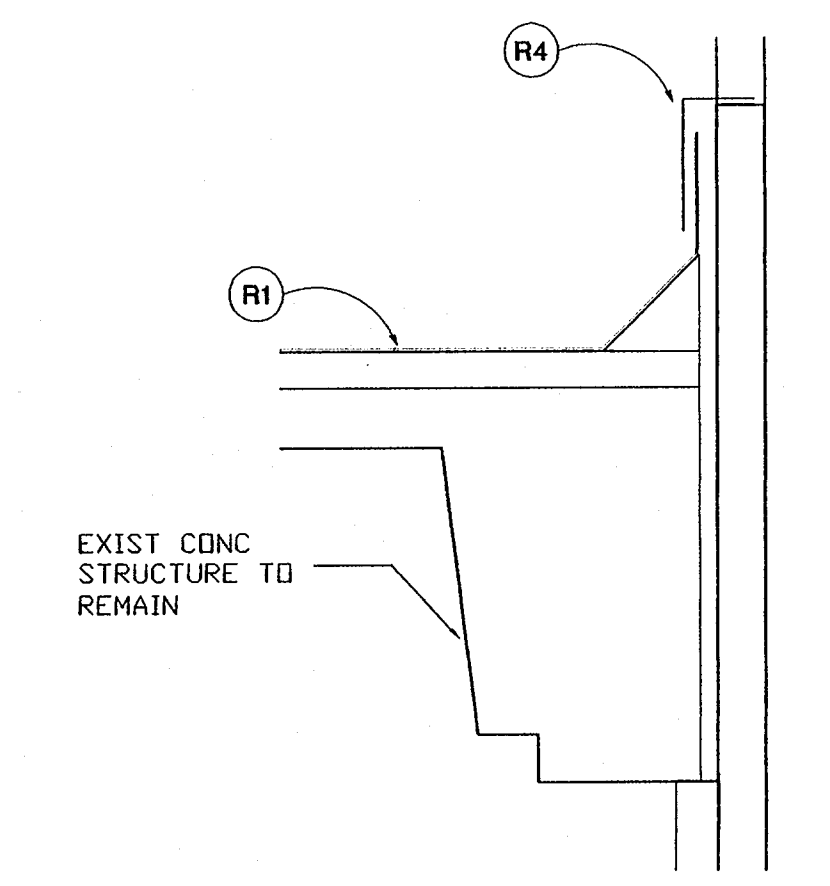
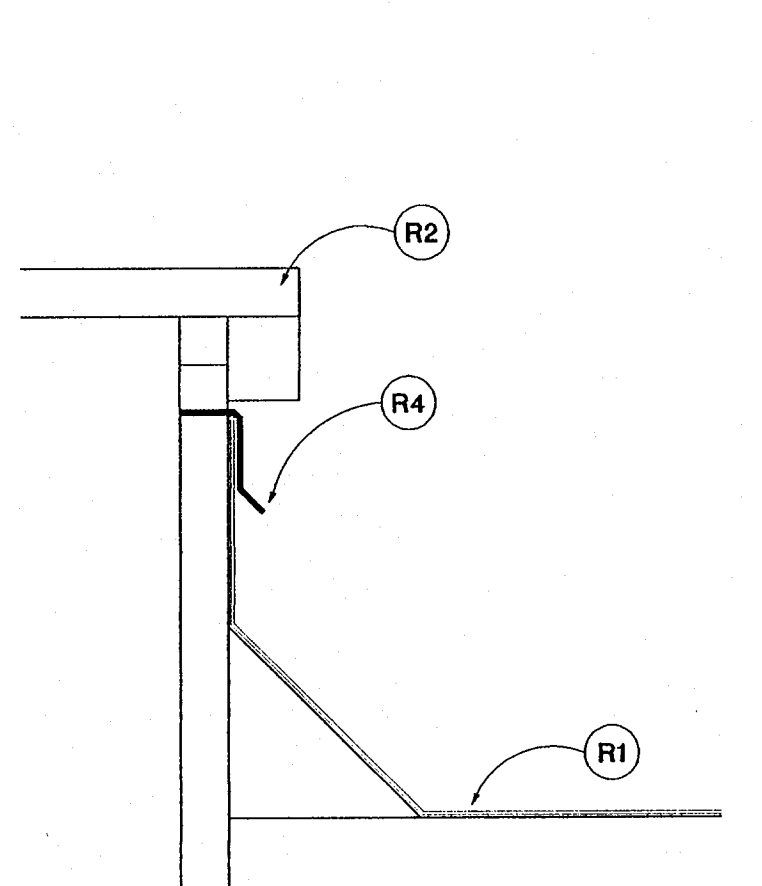


GENERAL ROOF DEMOLITION NOTES:

- IT IS THE INTENT OF THE OWNER TO REMOVE, USING ITS OWN AGENTS, ALL ITEMS CONTAINING KNOWN HAZARDOUS SUBSTANCES PRIOR TO THE COMMENCEMENT OF WORK UNDER THIS CONTRACT. IN THE EVENT THAT THE CONTRACTOR ENCOUNTERS ANY HAZARDOUS SUBSTANCE, HE SHALL IMMEDIATELY STOP WORK IN THAT PARTICULAR AREA AND CONTACT THE ARCHITECT FOR FURTHER DIRECTIONS.
- SEE STRUCTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR DEMOLITION OF STRUCTURAL MEMBERS, HVAC AND EXHAUSTS, PLUMBING FIXTURES AND/OR PIPING, ELECTRICAL FIXTURES, CONDUITS & OTHER RELATED ENGINEERING ITEMS.

ROOF DEMOLITION KEYNOTES:

- R1 REMOVE EXIST. GRAVEL, PATCH ROOFING & INSULATION
- R2 REMOVE METAL GRAVEL STOP ETC.
- R3 REMOVE EXISTING BRICK WALL
- R4 REPLACE EXIST FLASHING AS REQ'D
- R5 REMOVE EXIST. INSULATION
- R6 REMOVE EXIST. WD BLOCKING



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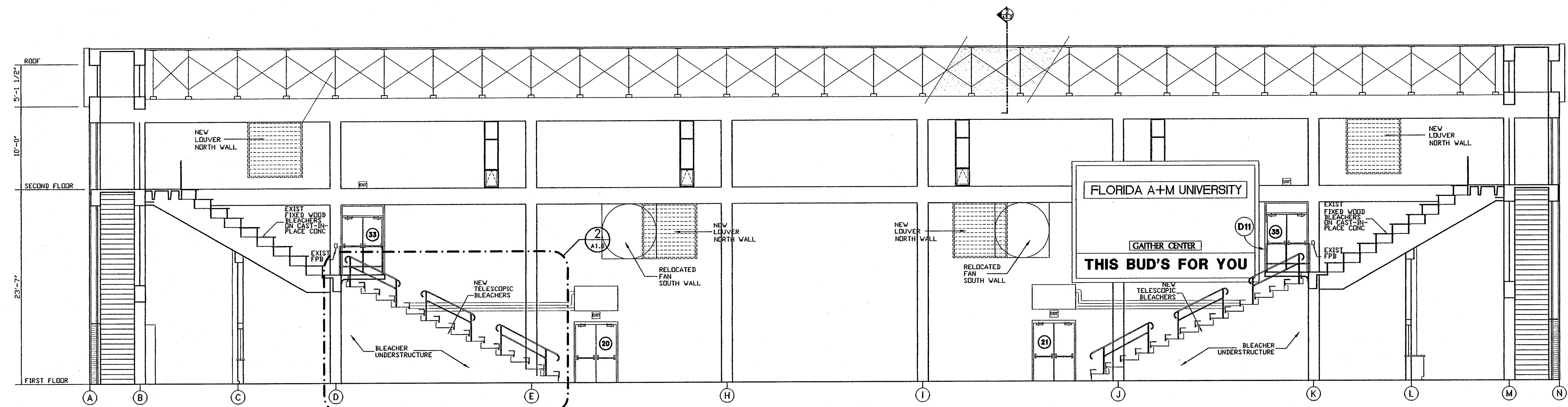
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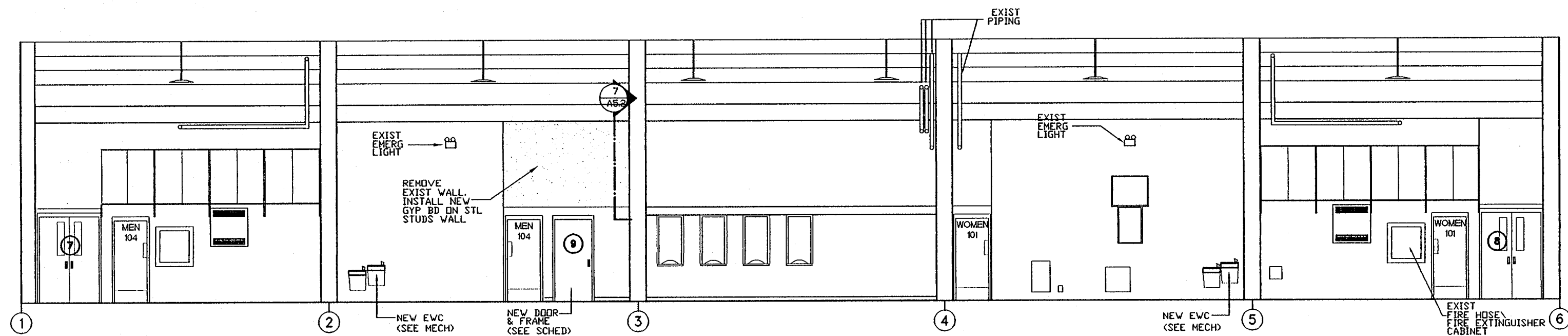
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EXIST/DEMO ROOF PLAN

SCALE:
AS SHOWN

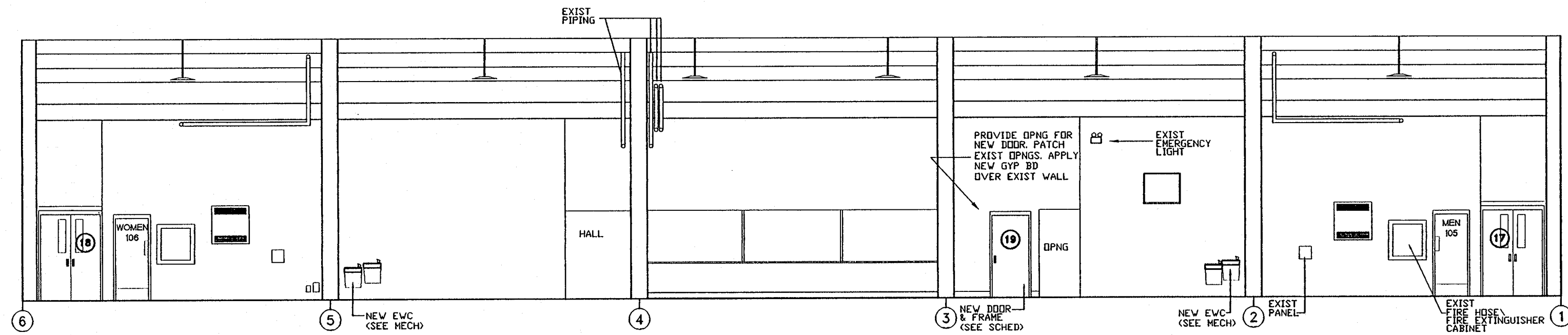
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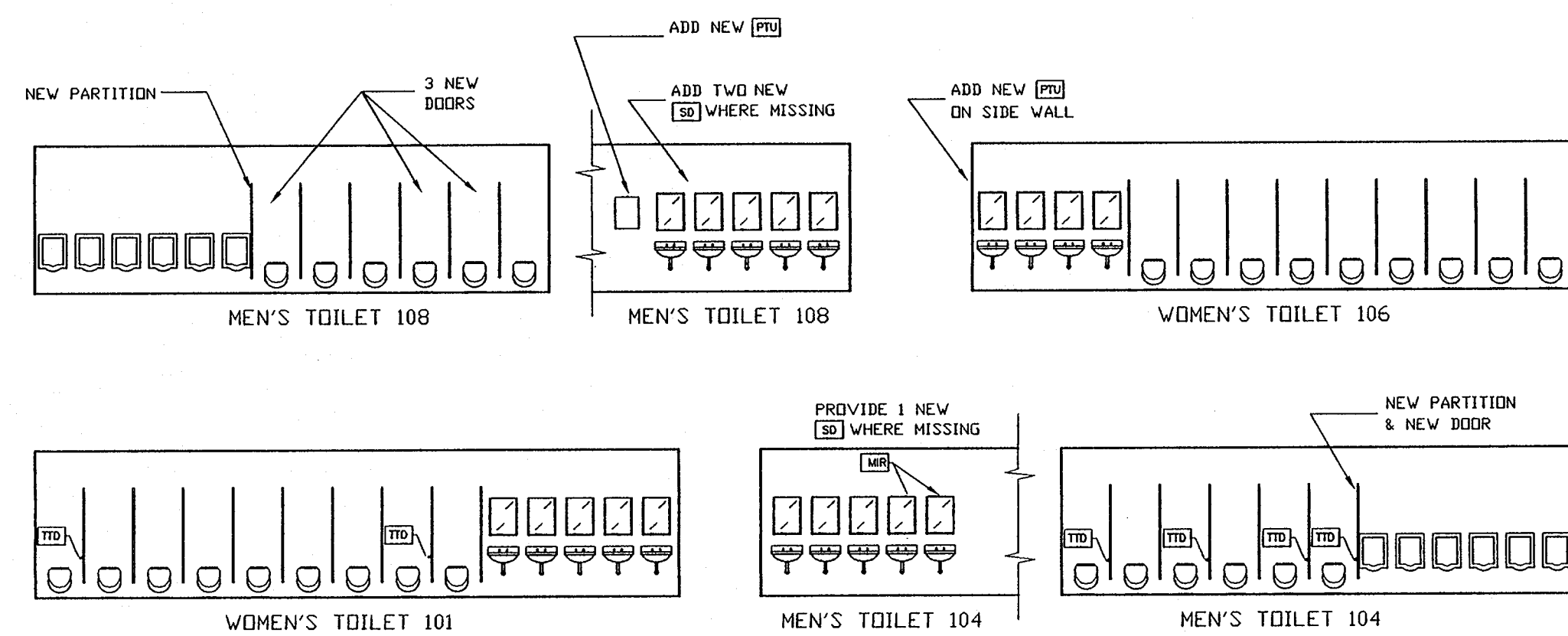
1 INTERIOR ELEV. AT GYMNASIUM FACING NORTH (SOUTH SIM)
A4.1 SCALE: 1/8" = 1'-0"



2 INTERIOR ELEV. AT GYMNASIUM ENTRANCE FACING EAST
A4.1 SCALE: 1/8" = 1'-0"

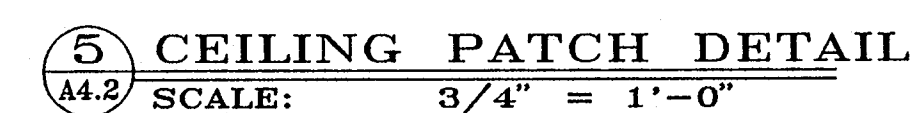
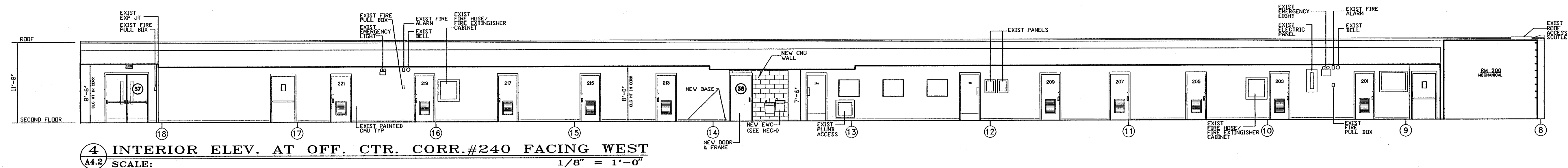
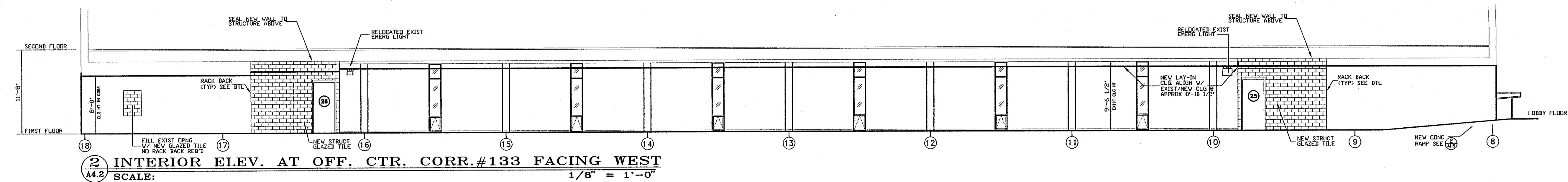


3 INTERIOR ELEV. AT GYMNASIUM REAR ENTRANCE FACING WEST
A4.1 SCALE: 1/8" = 1'-0"



4 INTERIOR ELEV AT MEN'S & WOMEN'S TOILET ROOMS
A4.1 SCALE: 1/8" = 1'-0"

NOTE:
 SEE A1.4 FOR TOILET
 ACCESSORY SCHEDULE



ROOM FINISH SCHEDULE

FLOOR	ROOM NUMBER/NAME	FLOORS		BASES		WALLS		CEILING		REMARKS
		NEW CERAMIC TILE	NEW VINYL COMP. TILE	NEW CARPET	EXISTING TO REMAIN*	STAIN EXIST STAIRS	NEW RESILIENT BASE	NEW CERAMIC TILE	EXISTING TO REMAIN*	
1ST FLOOR	100 MECHANICAL ROOM									* ALL EXISTING TO REMAIN ARE TO BE CLEANED, SPOT PATCHED/PAINTED AS REQUIRED BY NEW WORK. 1 UNIT PRICE SHALL BE SUBMITTED FOR PAINT AT THESE WALLS
	101 WOMEN'S RESTROOM									
	102 CONCESS./TICKET OFF.									
	102A OFFICE									
	103 H.C. TOILET									
	104 MEN'S RESTROOM									
	104A VESTIBULE									
	105 GYMNASIUM									
	105A INTERIOR CORRIDOR									
	105B INTERIOR CORRIDOR									
	106 WOMEN'S RESTROOM									
	107 STORAGE									
	107A CONCESSIONS									
	108 MEN'S RESTROOM									
	109 H.C. TOILET									
	109A JANITOR									
	111 LOBBY									
	111A VESTIBULE									
	113 ELECTRICAL ROOM									
	114 INTERIOR CORRIDOR									
	114A OFFICE									
	114B OFFICE									
	116 WOMEN FAC. LOCKER RM									
	116A WOMEN FAC. REST RM									
	116B WOMEN H.C. TOILET									
	116C WOMEN H.C. SHOWER									
	117 WOMEN'S SHOWER ROOM									
	118 WOMEN'S LOCKER ROOM									
	118A WOMEN'S DRY/RESTRM									
	120 STUDENT EQUIP. RM									
	120A EQUIPMENT ROOM									
	120B EQUIPMENT ROOM									
	124 MEN'S LOCKER ROOM									
	124A MEN'S RESTROOM									
	124B MEN'S DRYING ROOM									
	124C MEN'S SHOWER ROOM									
	126 MEN'S FAC. LOCKER RM									
	126A VARSITY RESTROOM									
	126B VARSITY SHOWERS									
	126C VARSITY SHOWER RM									
	128 VARSITY LOCKER ROOM									
	128A MEN'S FAC RESTROOM									
	128B MEN'S FAC SHOWER RM									
	129 EQUIPMENT ROOM									
	130 FIRST AID									
	130A STORAGE									
	132 JANITOR									
	132A H.C. TOILET/ SHOWER									
	132B VESTIBULE									
	133 CORRIDOR									
	133A NORTH STAIR									
	133B SOUTH STAIR									
	134 EXERCISE ROOM									
	136 OFFICE									
	138 MASSAGE ROOM									
	138A TOILET/SHOWER									
	138B SAUNA									
	138C SAUNA									
	140 MECHANICAL ROOM									
	141 STAIR									
	142 STAIR									
	143 STAIR									
	144 STAIR									

FLOOR	ROOM NUMBER/NAME	FLOORS		BASES		WALLS		CEILING		REMARKS
		NEW CERAMIC TILE	NEW VINYL COMP. TILE	NEW CARPET	EXISTING TO REMAIN*	STAIN EXIST STAIRS	NEW RESILIENT BASE	NEW CERAMIC TILE	EXISTING TO REMAIN*	
2ND FLOOR	200 MECHANICAL ROOM									* ALL EXISTING TO REMAIN ARE TO BE CLEANED, SPOT PATCHED/PAINTED AS REQUIRED BY NEW WORK. 1 UNIT PRICE SHALL BE SUBMITTED FOR PAINT AT THESE WALLS
	201 OFFICE									
	202 CLASSROOM									
	203 OFFICE									
	204 OFFICE									
	204A OFFICE									
	204B OFFICE									
	204C OFFICE									
	204D OFFICE									
	204E OFFICE									
	205 OFFICE									
	206 OFFICE									
	206A OFFICE									
	206B OFFICE									
	206C OFFICE									
	207 OFFICE									
	208 CONFERENCE ROOM									
	209 OFFICE									
	210 OFFICE									
	210A OFFICE									
	210B OFFICE									
	210C OFFICE									
	211 WOMEN'S RESTROOM									
	211A MEN'S RESTROOM									
	212 MECHANICAL ROOM									
	213 STUDENT STUDY ROOM									
	213A H/C TOILET									
	214 TEACHING LAB (DANCE)									
	215 OFFICE									
	216 CLASSROOM									
	217 OFFICE									
	218A CLASSROOM									
	218B CLASSROOM									
	219 OFFICE									
	221 OFFICE									
	225 FIXED SEATING									
	226 FIXED SEATING									
	240 INTERIOR CORRIDOR									



1 RATTLER SNAKE LOGO IN GYM CORR 105-A, VCT FLOORING
SCALE: NTS ALTERNATE #

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RELEASED
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JOB NO.: 94080
DRAWN: E.H.
CHECKED: ASA
DATE: 6/1/95

REVISIONS:
DATE REMARK

FLORIDA A & M UNIVERSITY
GAITHER GYM & OFFICE COMPLEX
TALLAHASSEE, FLORIDA
Proj. No. BR-396

OWNER:
STATE OF
FLORIDA
BOARD OF
REGENTS

PROJ. PHASE:
CONSTRUCTION
DOCUMENTS

SHEET TITLE:
ROOM
FINISH
SCHEDULE

SCALE:
NTS

SHEET NO.:
A5.1
17 OF 35

		DOOR SCHEDULE														REMARKS		
BLDG NAME	FLOOR	DOOR NO.	QUAN.	DOOR					FRAME									
				TYPE	SIZE *	MATL.	HDWARE SET	FIRE RATING	GAUGE	TYPE	MATL.	THRESH	HEAD	JAMB	SILL		GAUGE	
GYMNASIUM & OFFICE COMPLEX	1ST FLOOR	1	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	1		18	EXIST	-						PROVIDE HC ACCESSIBLE SIGN	
		2	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	1		18	EXIST	-							
		3	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	1		18	EXIST	-							
		4	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	1		18	EXIST	-							
		5	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	1		18	EXIST	-							
		6	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	1		18	EXIST	-							
		7	PAIR	A	(2) 2'-6"x6'-8"x1 3/4"	HM	2		18	EXIST	-							
		8	PAIR	A	(2) 2'-6"x6'-8"x1 3/4"	HM	2		18	EXIST	-							
		9	1	B	3'-0"x7'-0"x 1 3/4"	WD	4			2	HM	YES	6	6	5	16		
		10			NOT USED													
		11	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	3		18	EXIST	-							PROVIDE HC ACCESSIBLE SIGN
		12	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	3		18	EXIST	-							
		13	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	3		18	EXIST	-							
		14	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	3		18	EXIST	-							
		15	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	3		18	EXIST	-							
		16	PAIR	C	(2) 3'-0"x7'-0"x1 3/4"	HM	3		18	EXIST	-							
		17	PAIR	A	(2) 2'-6"x6'-8"x1 3/4"	HM	2		18	EXIST	-							
		18	PAIR	A	(2) 2'-6"x6'-8"x1 3/4"	HM	2		18	EXIST	-							
		19	1	B	3'-0"x7'-0"x 1 3/4"	WD	4			2	HM	YES					16	
		20	PAIR	C	(2) 2'-6"x7'-0"x1 3/4"	HM	8		18	EXIST	-		8	8	5			
		21	PAIR	C	(2) 2'-6"x7'-0"x1 3/4"	HM	8		18	EXIST	-							
		22	PAIR	C	(2) 2'-6"x7'-0"x1 3/4"	HM	8		18	EXIST	-							
		23	PAIR	C	(2) 2'-6"x7'-0"x1 3/4"	HM	8		18	EXIST	-							
		24	PAIR	A	(2) 2'-6"x7'-0"x1 3/4"	HM	10		18	EXIST	-							
		25	1	C	3'-0"x7'-0"x 1 3/4"	HM	6	B LABEL	18	2	HM		1	4	-		16	
		26	1	C	3'-0"x7'-0"x 1 3/4"	HM	6	B LABEL	18	2	HM		1	4	-		16	
		27	PAIR	A	(2) 2'-6"x7'-0"x1 3/4"	HM	10		18	EXIST	-							* WOOD DRS IN GOOD CONDITION: RE-STAIN & REPLACE LOCKSET ONLY PROVIDE HC ACCESSIBLE SIGN
		28	PAIR	-	(2) 3'-0"x7'-0"x1 3/4"	EXIST *	11			EXIST	-							
		29	1	B	3'-0"x7'-0"x 1 3/4"	WD	4			2	HM	YES	2	4	5	16		
		30	1	B	3'-0"x7'-0"x 1 3/4"	WD	13			2	HM		3	4	-		16	
		31	1	A	3'-0"x7'-0"x 1 3/4"	HM	14		18	2	HM		3	4	-		16	
		32	1	A	3'-0"x7'-0"x 1 3/4"	HM	4		18	2	HM		6	6	5	16		
		32a	1	C	2'-6"x7'-0"x 1 3/4"	WD	4	C LABEL	2	HM	YES	1	4	-		16		
		33	1	B	2'-8"x6'-8"x 1 3/4"	WD	14				EXIST	-						
		34			NOT USED													
		39	1	B	2'-8"x6'-8"x1 3/4"	WD	14			1	HM		1	4	-		16	
		40			NOT USED													
		41			NOT USED													
		42	1	B	3'-0"x7'-0"x 1 3/4"	WD	14	B LABEL			HM		1	4	-			
		43	1	B	3'-0"x7'-0"x 1 3/4"	HM	5				EXIST	-						
		44	1	B	3'-0"x7'-0"x 1 3/4"	HM	5				EXIST	-						
		45	1	B	3'-0"x7'-0"x 1 3/4"	HM	5				EXIST	-						
		46	1	B	2'-8"x6'-8"x 1 3/4"	WD	14	B LABEL			EXIST	-						
		53	1	B	2'-8"x6'-8"x 1 3/4"	WD	14				EXIST	-						PREP EXIST HM FRAME TO RECEIVE NEW DOOR
		54	1	B	2'-8"x6'-8"x 1 3/4"	WD	14				EXIST	-						

1 HEAD @ NEW CMU WALL
SCALE: NTS
(SIM @ SGT WALLS)

2 HEAD @ NEW OPNG IN EXIST. WALL
SCALE: NTS
(SIM @ SGT WALLS)

3 ALTERNATIVE HEAD DTL.
SCALE: NTS
(@ NEW OPNG IN EXIST. WALL)
(SIM @ SGT WALLS)

4 JAMB (TYP. @ CMU WALL)
SCALE: NTS
(SIM @ SGT WALLS)
(SIM @ EXIST WALLS)

5 SILL (@ TOILET DOOR)
SCALE: NTS

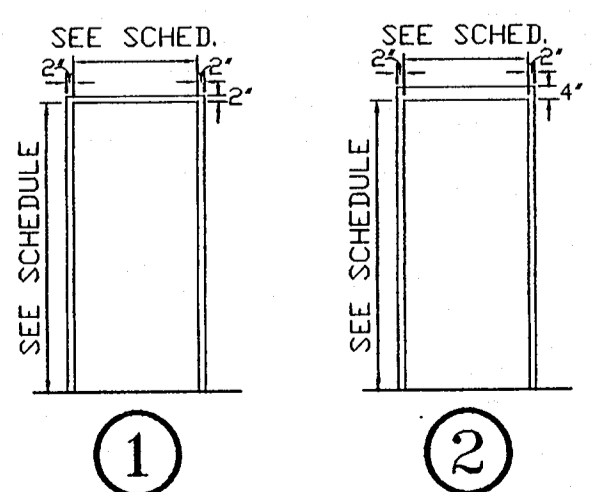
6 HEAD (JAMB SIMILAR)
SCALE: NTS

7 SOFFIT DETAIL
SCALE: NTS

8 HEAD (JAMB SIMILAR)
SCALE: NTS

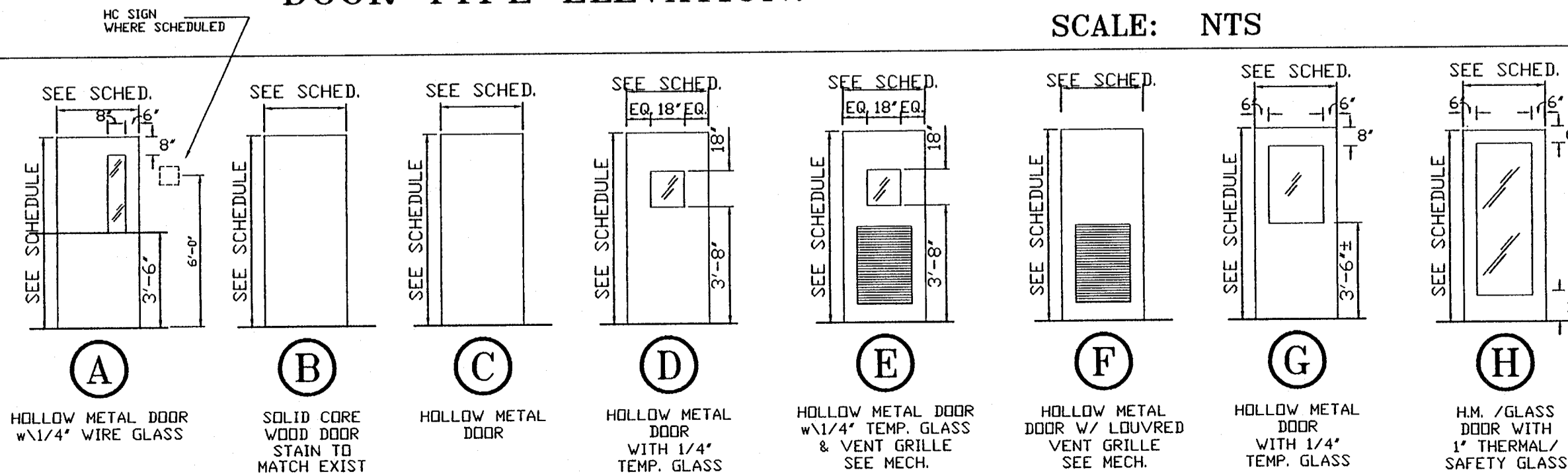
9 LOCKER RM SOFFIT DETAIL
SCALE: NTS

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

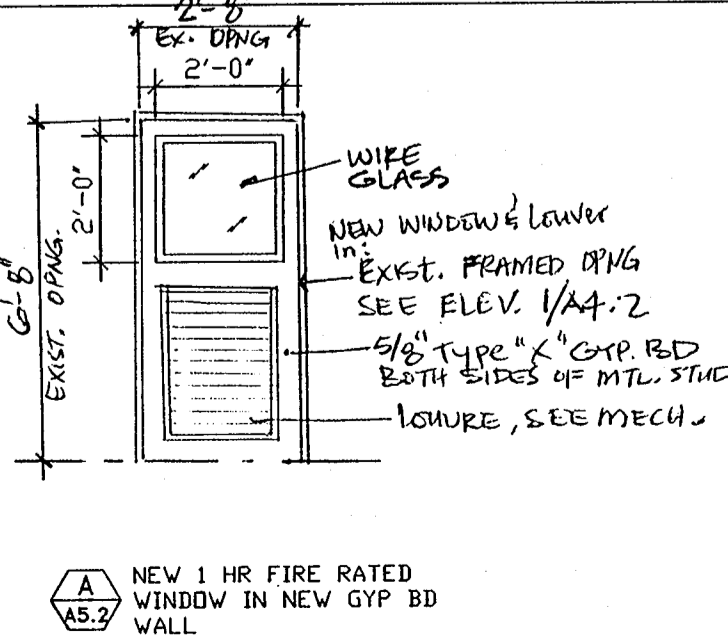


DOOR TYPE ELEVATION:

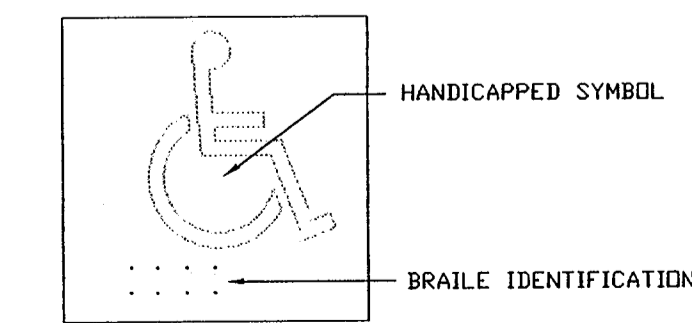
SCALE: NTS



WINDOW TYPE ELEVATION:
SCALE: NTS



TYPICAL HANDICAPPED SIGN
SCALE: NTS



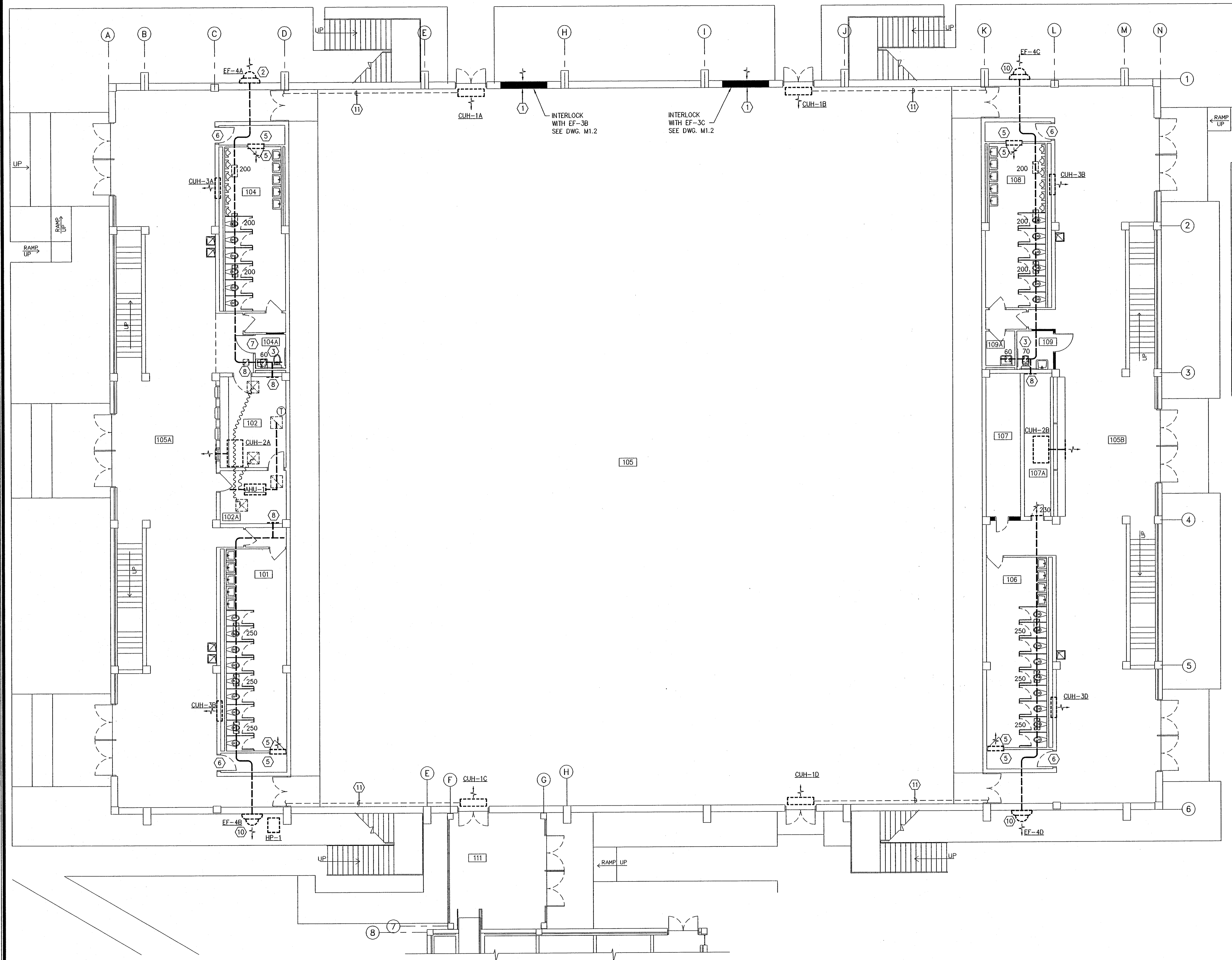
1. SHOP DRAWINGS ARE DRAWINGS, DIAGRAMS, SCHEDULES AND OTHER DATA SPECIALLY PREPARED FOR THE WORK BY THE CONTRACTOR, OR A SUBCONTRACTOR, SUB-SUBCONTRACTOR, MANUFACTURER, SUPPLIER OR DISTRIBUTOR TO ILLUSTRATE SOME PORTION OF THE WORK.
2. PRODUCT DATA ARE ILLUSTRATIONS, STANDARD SCHEDULES, PERFORMANCE CHARTS, INSTRUCTIONS, BROCHURES, DIAGRAMS AND OTHER INFORMATION FURNISHED BY THE CONTRACTOR TO ILLUSTRATE MATERIALS OR EQUIPMENT FOR SOME PORTION OF THE WORK.
3. SAMPLES ARE PHYSICAL EXAMPLES WHICH ILLUSTRATE MATERIALS, EQUIPMENT OR WORKSMANSHIP AND ESTABLISH STANDARDS BY WHICH THE WORK WILL BE JUDGED.
4. SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS ARE NOT CONTRACT DOCUMENTS. THE PURPOSE OF THEIR SUBMITTAL IS TO DEMONSTRATE FOR THOSE PORTIONS OF THE WORK FOR WHICH SUBMITTALS ARE REQUIRED THE WAY THE CONTRACTOR PROPOSES TO CONFORM TO THE INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS. REVIEW BY THE ARCHITECT/ENGINEER IS SUBJECT TO THE LIMITATIONS OF THE GENERAL CONDITIONS.
5. THE CONTRACTOR SHALL REVIEW, APPROVE AND SUBMIT TO THE ARCHITECT/ENGINEER SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS AS REQUIRED BY THE CONTRACT DOCUMENTS WITH REASONABLE PROMPTNESS AND IN SUCH SEQUENCE AS TO CAUSE NO DELAY IN THE WORK OR IN THE ACTIVITIES OF THE OWNER OR OF SEPARATE CONTRACTORS. SUBMITTALS MADE BY THE CONTRACTOR WHICH ARE NOT REQUIRED BY THE CONTRACT DOCUMENTS MAY BE RETURNED WITHOUT ACTION.
6. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK REQUIRING SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT/ENGINEER. SUCH WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS.
7. BY APPROVING AND SUBMITTING SHOP DRAWINGS, PRODUCT DATA SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS THAT THE CONTRACTOR HAS DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, THAT ALL EQUIPMENT SUBMITTED FOR APPROVAL FITS INTO THE AVAILABLE SPACE INCLUDING REQUIRED CLEARANCES, OR WILL DO SO, AND HAS CHECKED AND COORDINATED INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
8. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT/ENGINEER'S APPROVAL THEREOF.
9. THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION, IN WRITING OR IN RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS, TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT/ENGINEER ON PREVIOUS SUBMITTALS.
10. INFORMATIONAL SUBMITTALS UPON WHICH THE ARCHITECT/ENGINEER IS NOT EXPECTED TO TAKE RESPONSIVE ACTION MAY BE SO IDENTIFIED IN THE CONTRACT DOCUMENTS.
11. WHEN PROFESSIONAL CERTIFICATION OF PERFORMANCE CRITERIA OF MATERIALS, SYSTEMS OR EQUIPMENT IS REQUIRED BY THE CONTRACT DOCUMENTS, THE ARCHITECT/ENGINEER SHALL BE ENTITLED TO RELY UPON THE ACCURACY AND COMPLETENESS OF SUCH CALCULATIONS AND CERTIFICATIONS.

1. HVAC DRAWINGS ARE DIAGRAMATIC AND INDICATIVE OF WORK TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS.
2. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK OF ALL SUBCONTRACTORS TO AVOID INTERFERENCES.
3. PATCH ALL BREAKS, TEARS, AND VOIDS IN EXISTING EXTERNAL DUCT INSULATION WHERE DAMAGED BY HVAC WORK. SEAL INSULATION USING ALUMINUM DUCT TAPE.
4. REMOVE AND RE-INSTALL EXISTING CEILING TILE AS REQUIRED BY WORK UNDER DIVISION 15. REPLACE ANY TILE DAMAGED OR SOILED DURING CONSTRUCTION.
5. PROVIDE PROPER PROTECTIVE MEASURES TO PROTECT EXISTING FURNITURE, CARPET AND FINISHES DURING THE COURSE OF CONSTRUCTION.
6. TAKE CARE NOT TO DAMAGE EXISTING SURFACES AND REPAIR TO MATCH EXISTING CONDITIONS AS REQUIRED.
7. SEAL ALL HOLES IN WALLS, CEILINGS, FLOORS, ETC. TO MATCH EXISTING ADJACENT SURFACES WHERE EQUIPMENT AND/OR PIPING ARE REMOVED.
8. THE OWNER WILL MAKE ALL REASONABLE EFFORTS TO ASSIST THE CONTRACTOR IN COMPLETING THE WORK. COORDINATE ALL WORK WITH THE OWNER'S DESIGNATED REPRESENTATIVE.
9. DISPOSE OF ALL MATERIALS AND EQUIPMENT SHOWN TO BE REMOVED IN ACCORDANCE WITH LOCAL REGULATIONS.
10. RELOCATE, AS REQUIRED, ANY EXISTING WIRE AND CONDUIT WHICH INTERFERES WITH INSTALLATION OF THE NEW HVAC SYSTEMS.
11. REMOVE ALL ELECTRICAL EQUIPMENT (CONDUIT, POWER & CONTROL WIRING, DISCONNECT SWITCHES, MOTOR STARTERS, ETC.) RELATED TO THE HVAC EQUIPMENT BEING REMOVED OR REPLACED. EXISTING CONDUIT WHICH IS CONCEALED AND DOES NOT INTERFERE WITH THE NEW WORK MAY REMAIN IN PLACE.
12. REPLACE ALL SIDEWALKS DAMAGED BY OR DURING CONSTRUCTION OF THIS PROJECT.
13. REMOVE ALL SHRUBBERY, PLANTS, ETC. WHICH INTERFERE WITH WORK UNDER THIS CONTRACT. REPLANT AND/OR REPLACE ALL PLANTS, SHRUBBERY, ETC. AT COMPLETION OF JOB. REPLACE/REPLANT TO BE GUARANTEED FOR ONE YEAR.
14. SUPPORTS AND HANGERS FOR DUCTWORK AND PIPING SHALL PRESENT A NEAT, ORDERLY APPEARANCE.
15. INSTALL DUCTWORK, PIPING, ETC. AS HIGH AS POSSIBLE ABOVE CEILING.
16. DUCT SIZES GIVEN ARE SHEET METAL SIZES.
17. COORDINATE EXACT LOCATIONS OF ALL AIR DISTRIBUTION EQUIPMENT WITH THE CEILING AND THE LIGHTING LAYOUT.
18. ALL NEW CEILING DIFFUSERS SHOWN SHALL BE 4-WAY BLOW UNLESS OTHERWISE NOTED.
19. PROVIDE NEW AIR FILTERS IN EACH UNIT REQUIRING FILTERS WHEN THE PROJECT IS READY FOR TEST AND BALANCE. DO NOT OPERATE UNITS WITHOUT FILTERS DURING CONSTRUCTION. REPLACE FILTERS DURING CONSTRUCTION ACCORDING TO FILTER MANUFACTURER'S RECOMMENDATIONS.
20. VACUUM CLEAN THE INTERIOR OF ALL NEW HVAC EQUIPMENT AND DUCTWORK.
21. WHEREVER THE DEPTH OF THE TRUNK DUCT IS LESS THAN THE ROUND RUNOUT DUCT DIAMETER, PROVIDE TRANSITION FITTINGS OF EQUIVALENT AREA TO THE RUNOUT DUCT.
22. ENTRY AND REMOVAL OF EQUIPMENT FROM THE BUILDING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. REPAIR ANY DAMAGED MATERIALS TO THEIR ORIGINAL CONDITION. SURFACES SHALL BE REPAIRED TO MATCH THE EXISTING ADJACENT UNDAMAGED SURFACES.
23. NOTE ANY SPECIAL REQUIREMENTS INVOLVED IN INSTALLING THE EQUIPMENT IN THE BUILDING. DISMANTLING AND RE-ASSEMBLING OF ANY EQUIPMENT SHALL BE DONE AS REQUIRED FOR ENTRY INTO THE BUILDING AND EQUIPMENT ROOMS.
24. PROVIDE FLEXIBLE DUCT CONNECTIONS AT EACH EQUIPMENT CONNECTION.
25. EXHAUST, INCLUDING PLUMBING VENTS, SHALL BE SEPARATED FROM VENTILATION INTAKES BY A MINIMUM OF 10 FEET.
26. WHERE FIRE DAMPERS ARE REQUIRED, PROVIDE ACCESS PANELS TO ALLOW RE-LINKING OF DAMPER FUSIBLE LINKS. PANELS IN RATED PARTITIONS SHALL HAVE UL LABEL.
27. INSTALLATION OF EQUIPMENT, DUCTWORK AND PIPING SHALL PROVIDE CONVENIENT ACCESS FOR REMOVAL OF FILTERS AND FOR MAINTENANCE.
28. PRIOR TO INSTALLATION, COORDINATE AND ADJUST THE FINAL LOCATION OF ALL WALL MOUNTED DEVICES AND EQUIPMENT WITH ALL CASEWORK, SHELVING, BLACKBOARDS, BULLETIN BOARDS OR OTHER WALL MOUNTED FURNISHINGS.
29. CONTRACTOR'S USE OF AN APPROVAL STAMP ON DOCUMENTS SUBMITTED AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND OTHER SUBMITTALS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE FOLLOWING DOCUMENT REQUIREMENTS RELATED TO "SHOP DRAWINGS, PRODUCT DATA AND SAMPLES".
 30. IT IS RECOMMENDED THAT ALL DUCTWORK BE FABRICATED FROM FIELD MEASUREMENTS TAKEN AS THE BUILDING STRUCTURE AND SPACE COMPETING SYSTEMS ARE PROGRESSIVELY INSTALLED. THE DUCTWORK AS SHOWN ON THE CONSTRUCTION DOCUMENTS IS DIAGRAMMATIC AND DOES NOT NECESSARILY INCLUDE ALL MODIFICATIONS REQUIRED TO AVOID THESE INTERFERENCES. BEFORE FABRICATING ANY DUCTWORK, CHECK THE PHYSICAL CONDITIONS AT THE JOB SITE AND MAKE ALL CHANGES IN CROSS SECTIONS, ROUTING, OFFSETS, AND SIMILAR ITEMS WHETHER SPECIFICALLY INDICATED OR NOT. VERIFY THAT SUFFICIENT CLEARANCES ARE AVAILABLE FOR INSTALLING DUCTWORK, PIPING, LIGHT FIXTURES, CEILING SYSTEM AND TO PROVIDE EQUIPMENT SERVICE. ALL COSTS REQUIRED TO CHANGE DUCTWORK TO FIT THE SPACE AVAILABLE AND AVOID INTERFERENCES CAUSED BY SPACE COMPETING SYSTEMS SHALL BE BORNE BY THE CONTRACTOR. NO ADDITIONAL REMUNERATION WILL BE PAID BY THE OWNER.
31. INSULATE ALL SUPPLY AIR, RETURN AIR AND FRESH AIR DUCTWORK WITH EXTENT OF INSULATION. SEE SPECIFICATIONS FOR INSULATION REQUIREMENTS.
32. CONTRACTOR INITIATED INSPECTIONS: WHEN THE ENGINEER IS CALLED TO THE CONSTRUCTION JOB SITE TO PERFORM AN INSPECTION OF SPECIFIC WORK COMPLETED AND THAT WORK IS INCOMPLETE AT THE TIME OF THE REQUESTED INSPECTION, THE ENGINEER MAY, AT HIS DISCRETION, CANCEL THE INSPECTION AND SEND AN INVOICE TO THE GENERAL CONTRACTOR FOR THE TIME OF THE ENGINEER'S PERSONNEL. THIS INVOICE SHALL INCLUDE TIME FOR TRAVEL TO AND FROM THE JOB SITE AND TIME AT THE JOB SITE AND VEHICLE MILEAGE CHARGES. THE BILLING RATE FOR THE ENGINEER'S PERSONNEL SHALL BE \$65.00 PER HOUR AND MILEAGE CHARGES SHALL BE \$0.30 PER MILE. THE ENGINEER'S PERSONNEL SHALL CHECK-IN WITH THE GENERAL CONTRACTOR'S SUPERINTENDENT UPON ARRIVAL AT THE JOB SITE. ALL SUCH INSPECTIONS SHALL BE INITIATED BY THE GENERAL CONTRACTOR'S PERSONNEL BY FAX REQUEST SENT TO THE ARCHITECT'S AND/OR ENGINEER'S OFFICE. THE ENGINEER'S FAX NUMBER IS (904) 224-5876.
33. KEY NOTES APPLY ONLY TO DRAWING ON WHICH THEY APPEAR.

AC	AIR CONDITIONING UNIT	20	5 DIAMETERS OF STRAIGHT PIPE
AD	DUCT ACCESS DOOR	50	5 DIAMETERS OF STRAIGHT PIPE
AFF	ABOVE FINISHED FLOOR	— A —	COMPRESSED AIR PIPING
AHAP	AS HIGH AS POSSIBLE	— CA —	CONDENSATE PIPING
AHU	AIR HANDLING UNIT	— C —	CONTROL AIR PIPING
AP	ACCESS PANEL	— HHWS —	HEATING HOT WATER SUPPLY PIPING
BD	BALANCING DAMPER	— HHWR —	HEATING HOT WATER RETURN PIPING
C	CONDENSATE	— HPS —	HIGH PRESSURE STEAM PIPING
CC	COOLING COIL	— LPS —	LOW PRESSURE STEAM PIPING
CD	CEILING DIFFUSER	— PC —	PUMPED (STEAM) CONDENSATE PIPING
CFM	CUBIC FEET PER MINUTE	— REF —	REFRIGERANT PIPING
CU	CONDENSING UNIT	— W —	DOMESTIC COLD WATER PIPING
CUH	CABINET UNIT HEATER		
CV	CONSTANT VOLUME	(T)	ROOM (THERMOSTAT)(TEMPERATURE SENSOR)
DEFL	DEFLECTION	(H)	ROOM (HUMIDISTAT)(HUMIDITY SENSOR)
DG	DOOR GRILLE	(QT)	OVERRIDE TIMER
DL	DOOR LOUVER	(SP)	STATIC PRESSURE SENSOR
DN	DOWN	(M)	WATER METER
EF	EXHAUST FAN	(T)	TEMPERATURE CONTROLLER
ER	EXHAUST REGISTER	(F)	FLOW SWITCH
EX	EXISTING	(S)	DUCT MOUNTED SMOKE DETECTOR
EXH	EXHAUST		RECTANGULAR METAL DUCTWORK
FA	FRESH AIR		ROUND METAL RUNOUT DUCT
FAI	FRESH AIR INTAKE		FLEXIBLE RUNOUT DUCT
FOV	FLOW CONTROL VALVE		2 SIDE TAKE-OFF FITTING WITH BALANCING DAMPER
FD	FIRE DAMPER		SUPPLY AIR DUCTWORK SECTION
FMB	FILTER MIXING BOX		RETURN AIR OR EXHAUST DUCTWORK SECTION
HC	HEATING COIL		AIR BALANCING DAMPER (MANUAL)
HV	HEATING/VENTILATING UNIT		AIR BALANCING DAMPER (MOTORIZED)
NC	NORMALLY CLOSED		DUCTWORK FLEXIBLE CONNECTION
NO	NORMALLY OPEN		ADJUSTABLE AIR EXTRACTOR
RA	RETURN AIR		DUCT ELBOW WITH TURNING VANES
RAR	RETURN AIR REGISTER		
RELOC	RELOCATE		
SA	SUPPLY AIR		
SAR	SUPPLY AIR REGISTER		
SF	SUPPLY FAN		
TYP	TYPICAL		
UC	UNDERCUT DOOR		
UH	UNIT HEATER		
UNO	UNLESS NOTED OTHERWISE		
VAV	VARIABLE AIR VOLUME		
W	WATER		
	BUTTERFLY VALVE		
	GATE VALVE		
	GLOBE VALVE		
	CHECK VALVE		
	PLUG VALVE		
	PRESSURE REDUCING VALVE		
	RELIEF VALVE		
	2-WAY CONTROL VALVE		
	3-WAY CONTROL VALVE		
	BALL VALVE		
	PRESSURE GAGE WITH GAGE COCK		
	STRAINER		
	UNION		
	FLEXIBLE PIPE CONNECTION		
	ECCENTRIC REDUCER		
	CONCENTRIC REDUCER		
	PIPE SUPPORT STAND		
	PIPE ANCHOR		
	PIPE GUIDE		
	THERMOMETER		
	AUTO-AIR VENT WITH ISOLATION VALVE		
	VENTURI FLOW METER		
	PRESSURE & TEMPERATURE TEST STATION		

SINGLE LINE REPRESENTATION		DOUBLE LINE REPRESENTATION		
	UP		DN	SUPPLY DUCT (UP & DOWN)
	UP		DN	EXHAUST OR RETURN AIR DUCT (UP & DOWN)
				CEILING DIFFUSER
	SA			SIDEWALL SUPPLY AIR REGISTER
	EA			EXHAUST CEILING REGISTER OR GRILLE
	EA			SIDEWALL EXHAUST AIR REGISTER OR GRILLE
	RA			RETURN AIR CEILING REGISTER OR GRILLE
	RA			SIDEWALL RETURN AIR REGISTER OR GRILLE
				DUCT SPLIT WITH VANED ELBOW TAKE-OFF
				CONNECT NEW DUCT TO EXISTING DUCT
				VANED ELBOW
				STANDARD RADIUS ELBOW
				NEW DUCT (WIDTH X DEPTH)
				EXISTING DUCT TO REMAIN
				EXISTING DUCT TO BE REMOVED
				FLEXIBLE DUCTWORK (INSULATED)
				MANUAL VOLUME DAMPER

FILE NO.: 449M01
449XBDR



ROOM INDEX	
101	WOMEN'S
102	CONCESSIONS
102A	OFFICE
104	MEN'S
104A	JAN.
105	GYMNASIUM
105A	CORRIDOR
105B	CORRIDOR
106	WOMEN'S
107	STORAGE
107A	STORAGE
108	MEN'S
108A	CLOSET
109	JAN.
109A	JAN.
111	LOBBY

KEY NOTES:

(KEY NOTES ARE APPLICABLE ONLY TO THE DRAWINGS ON WHICH THEY APPEAR).

- ① INSTALL NEW 80" x 80" OPERABLE INTAKE LOUVER (BOTTOM AT 7'-0" A.F.F. PROVIDE LINTEL.
- ② REPLACE EXISTING FAN WITH NEW FAN IN SAME LOCATION (ALT. #___).
- ③ CLEAN AND REUSE REGISTER OR CEILING DIFFUSER.
- ④ NOT USED
- ⑤ NEW 34X10 TRANSFER AIR GRILLE IN WALL ABOVE DOOR (ALT. #___).
- ⑥ PROVIDE NEW 24X16 HEAVY DUTY DOOR GRILLE (ALT. #___).
- ⑦ UNDERCUT DOOR 3/4".
- ⑧ REMOVE REGISTER AND BLANK OFF DUCT (ALT. #___).
- ⑨ NOT USED
- ⑩ ADJUST EXISTING FAN TO DELIVER INDICATED AIR FLOW (ALT. #___).
- ⑪ INSULATE TWO HHW PIPES (TYPICAL 4 PLACES) (ALT. #___).

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SHEET TITLE:
GYMNASIUM
FIRST FLOOR
PLAN - HVAC
SCALE:
AS SHOWN

SHEET NO.:

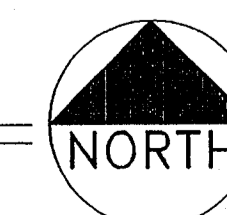
M1.1

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FILE NO.: 449M11
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449X11



1 GYM 1ST FLR - HVAC
M1.1 SCALE: $1/8" = 1'-0"$

ROOM INDEX	
225	BLEACHERS
226	BLEACHERS

- KEY NOTES:
(KEY NOTES ARE APPLICABLE ONLY TO THE DRAWING ON WHICH THEY APPEAR).
1. INSTALL NEW 80" x 80" OPERABLE INTAKE LOUVER IN PLACE OF EXISTING EXHAUST FAN. INTERLOCK WITH RELOCATED EXHAUST FAN.
 2. EXISTING PROPELLER EXHAUST FAN AND MOTOR OPERATED SHUTTER, RELOCATED. INSTALL AT SAME HEIGHT AS OTHER PROPELLER EXHAUST FANS.
 3. VERIFY PROPER OPERATION AND TIGHT CLOSURE OF FAN SHUTTER. REPAIR OR REPLACE IF NECESSARY.
 4. EXISTING FAN TO REMAIN.
 5. REPLACE DAMAGED SHUTTER (ALT. #___).

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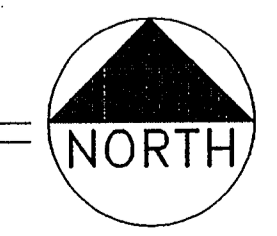
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SHEET NO.:

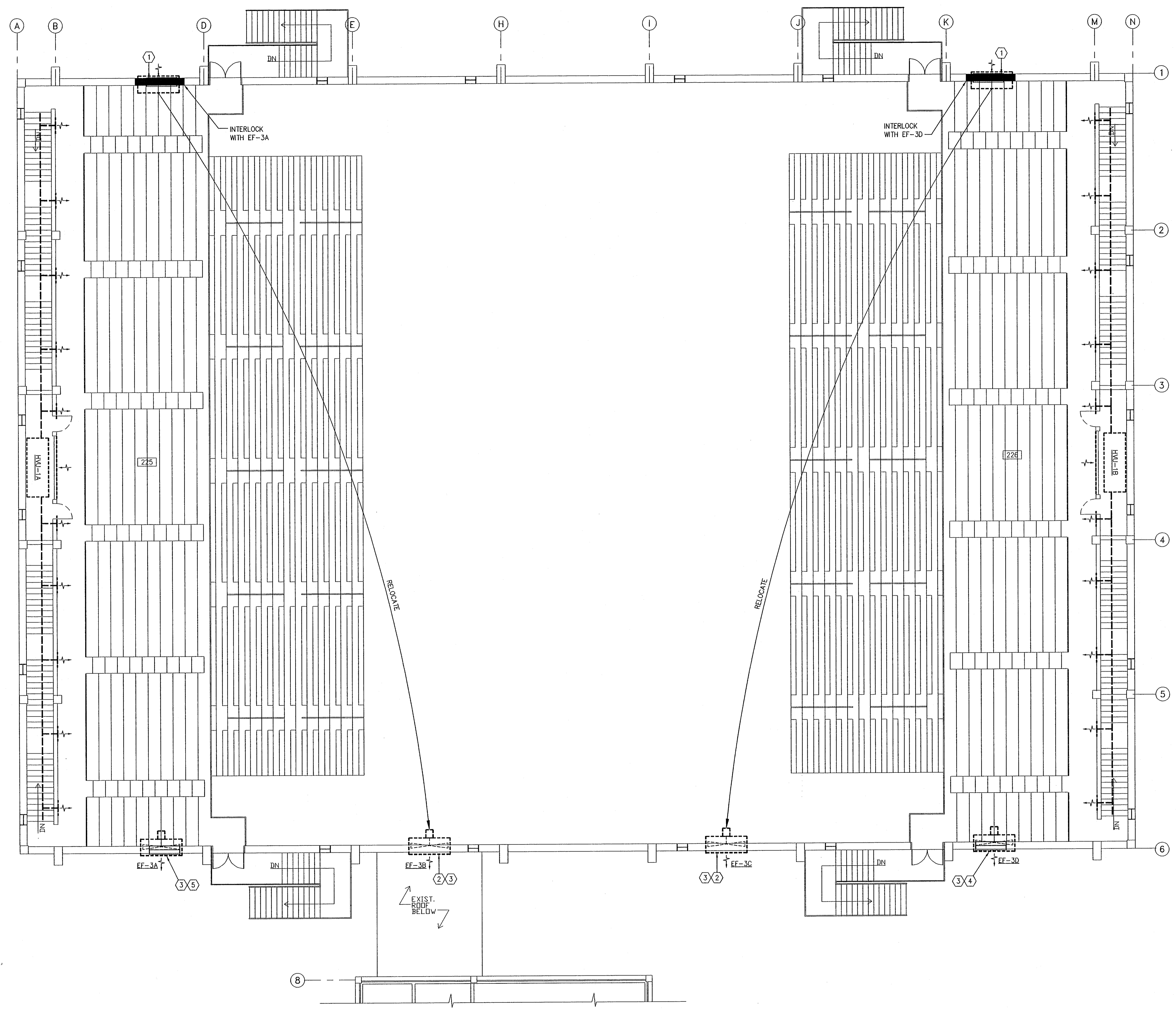
M1.2
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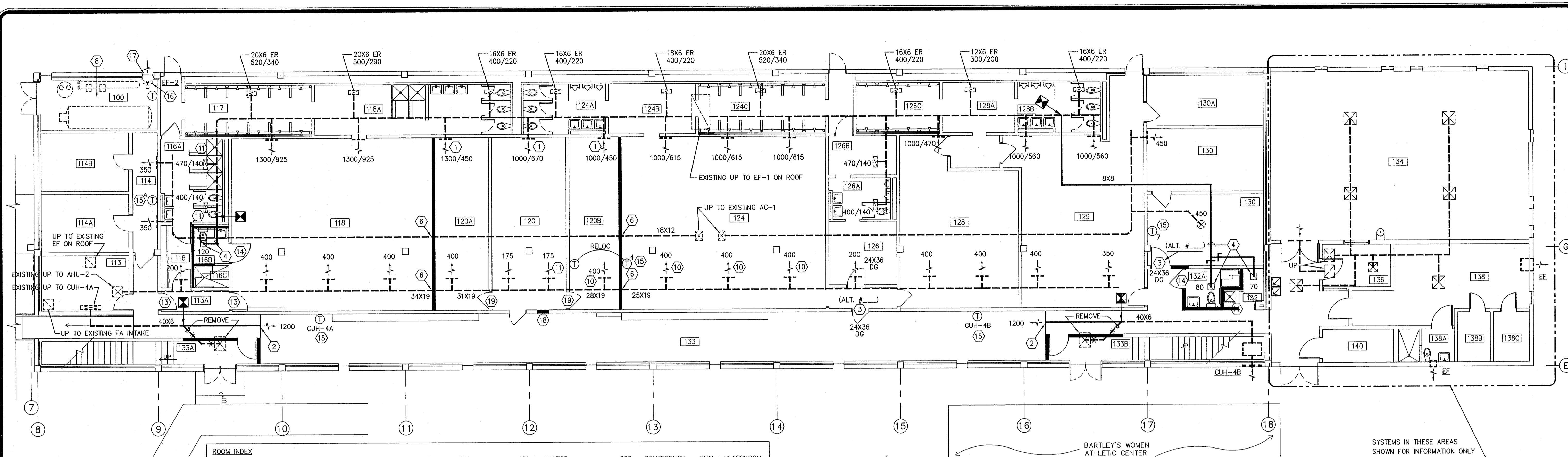
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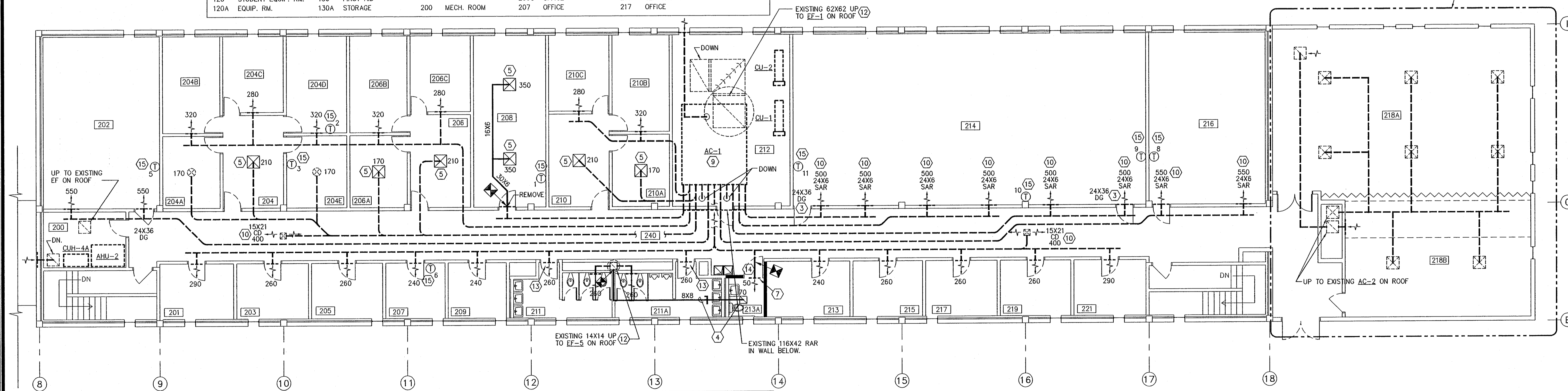
1 GYM 2ND FLR - HVAC
M1.2 SCALE: 1/8" = 1'-0"





ROOM INDEX											
100	MECH. ROOM	120B	EQUIP. RM.	132	JANITOR	201	JANITOR	208	CONFERENCE	218A	CLASSROOM
113	ELEC. ROOM	124	MEN'S LOCKER RM.	132A	HC TOILET/SHOWER	202	HC TOILET/SHOWER	209	OFFICE	218B	CLASSROOM
113A	CORRIDOR	124A	MEN'S	132B	VESTIBULE	203	OFFICE	210	OFFICE	219	OFFICE
114	CORRIDOR	124B	DRYING RM.	133	CORRIDOR	204	OFFICE	210A	OFFICE	221	OFFICE
114A	OFFICE	124C	SHOWER RM.	133A	NORTH STAIR	204A	OFFICE	210B	OFFICE	240	CORRIDOR
114B	OFFICE	126	MEN FACULTY	133B	SOUTH STAIR	204B	OFFICE	210C	OFFICE		
116	WOMEN FAC.	126A	RESTROOM	134	EXERCISE ROOM	204C	OFFICE	211	WOMEN'S		
116A	RESTROOM	126B	SHOWERS	136	OFFICE	204D	OFFICE	211A	MEN'S		
116B	HC TOILET	126C	SHOWERS	138	MASSAGE BATH	204E	OFFICE	212	MECH. ROOM		
116C	HC SHOWER	128	VARSITY LOCKER RM.	138A	TOILET	205	OFFICE	213	STUDY RM.		
117	WOMEN'S SHOWER	128A	FAC. RESTROOM	138B	SAUNA	206	OFFICE	213A	HC TOILET		
118	WOMEN'S LOCKER RM.	128B	FAC. SHOWER	138C	SAUNA	206A	OFFICE	214	DANCE LAB		
118A	DRYING/RESTROOM	129	EQUIP. RM.	140	ELEVATOR EQ. RM.	206B	OFFICE	215	OFFICE		
120	STUDENT EQUIP. RM.	130	FIRST AID			206C	OFFICE	216	CLASSROOM		
120A	EQUIP. RM.	130A	STORAGE	200	MECH. ROOM	207	OFFICE	217	OFFICE		

1 OFFICE BLDG. 1ST FLOOR - HVAC
M1.3 SCALE: 1/8" = 1'-0"



- KEY NOTES:**
1. INSTALL FIRE DAMPER
 2. PROVIDE NEW 40X10 SAR IN NEW BULKHEAD. EXTEND DUCTWORK AS REQUIRED.
 3. REPLACE EXISTING DOOR GRILLE IN CORRIDOR DOOR WITH NEW HEAVY DUTY DOOR GRILLE SAME SIZE AS EXISTING (VERIFY SIZE) (ALT. #___).
 4. INSTALL NEW 10X10 EXHAUST REGISTER AND RUNOUT DUCT WITH BALANCING DAMPER. CONNECT TO EXISTING EXHAUST DUCT. COORDINATE ROUTING WITH PLUMBING WORK IN SAME AREA.
 5. PROVIDE NEW CEILING DIFFUSER IN NEW CEILING - EXTEND DUCTWORK AS REQUIRED (BASE BID UNLESS NOTED OTHERWISE).
 6. INSTALL NEW FIRE DAMPER IN SLEEVE IN NEW WALL. CONNECT TO EXISTING DUCT ON EACH SIDE (SEE PLANS FOR SIZE).
 7. RELOCATE EXISTING SAR TO LOCATION SHOWN. EXTEND DUCTWORK AS REQUIRED.
 8. INSULATE ALL STEAM AND HHW EQUIPMENT, VALVES AND PIPING WITHIN ROOM 100 (ALT. #___).
 9. INSPECT AND REPAIR OR REPLACE ANY DAMAGED OR MISSING DAMPER OPERATORS AND LINKAGE. ENSURE PROPER OPERATION WITHOUT BINDING (ALT. #___).
 10. REPLACE SAR WITH SAME SIZE ALUMINUM REGISTER (ALT. #___).
 11. CLEAN AND REUSE REGISTER OR CEILING DIFFUSER (ALT. #___).
 12. REPLACE ROOFTOP EXHAUST FAN AND ROOF CURB (ALT. #___).
 13. PROVIDE NEW 18X24 HEAVY DUTY DOOR GRILLE (ALT. #___).
 14. UNDERCUT DOOR 3/4".
 15. REPLACE EXISTING THERMOSTAT WITH EQUIVALENT HONEYWELL OR HONEYWELL COMPATIBLE THERMOSTAT (ALT. #___).
 16. REPLACE EXISTING FAN WITH NEW FAN AND THERMOSTAT IN SAME LOCATION (ALT. #___).
 17. BLANK OFF BOTTOM OF LOUVER BELOW FAN (ALT. #___).
 18. INSTALL NEW 24X36 HEAVY DUTY REGISTER ON CORRIDOR SIDE OF WALL WITH FIRE DAMPER BEHIND.
 19. INSTALL NEW 24X24 DOOR GRILLE IN EXISTING DOOR (ALT. #___).

2 OFFICE BLDG. 2ND FLOOR - HVAC
M1.3 SCALE: 1/8" = 1'-0"

NOTE: AIR QUANTITIES SHOWN FOR EXISTING EQUIPMENT, REGISTERS AND DIFFUSERS ARE BASED ON ORIGINAL DESIGN. MODIFY SYSTEMS AS SHOWN AND RE-BALANCE TO AIR QUANTITIES SHOWN. WHERE TWO AIR QUANTITIES ARE LISTED, BALANCE THIS SYSTEM TO THE LOWER SETTING WITH EXHAUST FAN EF-1 AT LOW SPEED.

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OFFICE BLDG. FLOOR PLANS - HVAC

SCALE:

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FAN SCHEDULE

DESIGNATION		EF-1	EF-2	EF-3A,C	EF-3B,C	EF-4A	EF-4B	EF-4C	EF-4D	EF-5	
TYPE		UPBLAST	IN-WALL EXHAUST	PROPELLER	PROPELLER	UPBLAST	UPBLAST	UPBLAST	UPBLAST	UPBLAST	
AIR QUANTITY	CFM	17750	1000	49,000	49,000	600	750	730	980	570	
STATIC PRESSURE	IN. H2O	0.75	0.125	0	0	1.00	1.00	1.00	1.00	0.50	
FAN SPEED	RPM	414	---	---	---	1546	1598	1591	1657	1206	
FAN MOTOR	HP-BHP	7 1/2-5.92	1/8	2	2	1/2	1/2	1/2	1/2	1/2	
FAN DRIVE		BELT	DIRECT	BELT	BELT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	
ELECTRICAL CHARACTERISTICS	V/PH	208/3	120/1	208/3	208/3	120/1	120/1	120/1	120/1	120/1	
BIRDSCREEN		PROVIDE	PROVIDE			PROVIDE				PROVIDE	
BACKDRAFT DAMPER		PROVIDE	PROVIDE			PROVIDE				PROVIDE	
DISCONNECT SWITCH		DIV. 16	PROVIDE	N/A	DIV. 16	PROVIDE				PROVIDE	
SOLID STATE SPEED CONTROLLER		NOT REQ'D.	PROVIDE	NOT REQ'D.	NOT REQ'D.	PROVIDE				PROVIDE	
NOISE LEVEL	SONES	15.6	9.9								
SPECIAL FEATURES		NOTES 1 & 2	NOTE 3	NOTE 4	NOTE 5	NOTE 6	NOTE 4	NOTE 4	NOTE 4	NOTE 7	
MANUFACTURER		PENN	BAYLEY	COOLAIR	COOLAIR	PENN				PENN	
MODEL NUMBER		FMX50B	14RV2			FMX120L				LC120L	

- NOTES:
- 2-SPEED, APPROXIMATELY 11,800 CFM AT MEDIUM SPEED.
 - SEE DETAIL D/M2.1
 - SEE DETAIL C/M2.1
 - EXISTING FAN TO REMAIN.
 - EXISTING FAN, RELOCATED.
 - NEW WALL MOUNTED FAN - SEE DETAIL F/M2.1.
 - SEE DETAIL B/M2.1

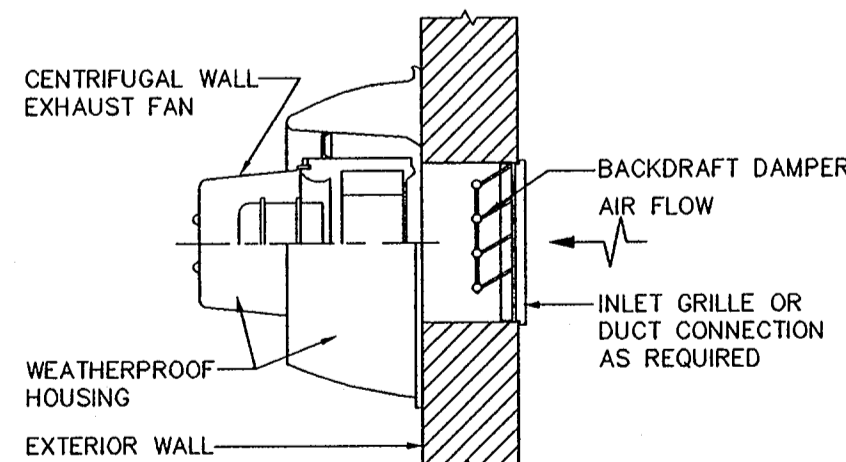
CEILING DIFFUSER SCHEDULE

SYMBOL	AIR QUANTITY	NECK SIZE	RUNOUT DUCT SIZE	FACE DIMENSION	
				HARD CEILING	LAY-IN CEILING
☒	0 - 60	6"ø	8"ø	12 X 12	24 X 24
☒	65 - 150	8"ø	8"ø	16 X 16	24 X 24
☒	155 - 195	8"ø	10"ø	16 X 16	24 X 24
☒	200 - 250	10"ø	10"ø	20 X 20	24 X 24
☒	255 - 395	10"ø	12"ø	20 X 20	24 X 24
☒	400 - 550	12"ø	12"ø	24 X 24	24 X 24
☒	555 - 595	12"ø	14"ø	24 X 24	24 X 24
☒	600 - 745	14"ø	14"ø	24 X 24	24 X 24
☒	750 - 1000	16"ø	16"ø	30 X 30	30 X 30

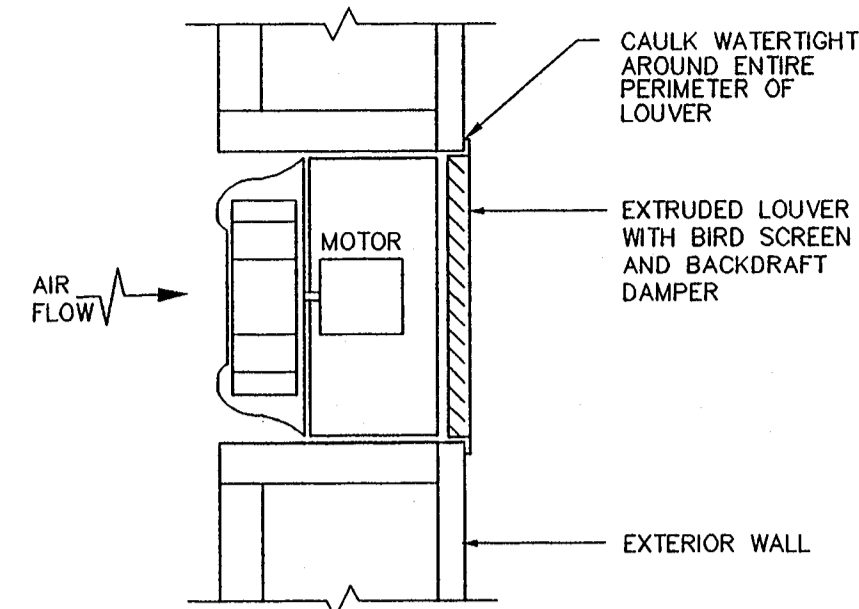
CEILING RETURN AIR OR EXHAUST REGISTER SCHEDULE

SYMBOL	CFM	SIZE	RUNOUT SIZE *
☒	0 - 75	8 X 6	10 X 6
☒	80 - 105	10 X 6	12 X 6
☒	110 - 175	10 X 10	12 X 8
☒	180 - 270	12 X 12	14 X 8
☒	275 - 325	18 X 12	20 X 8
☒	330 - 800	24 X 24	26 X 10
☒	805 - 1200	24 X 24	26 X 12
☒	1205 - 1500	24 X 24	26 X 14

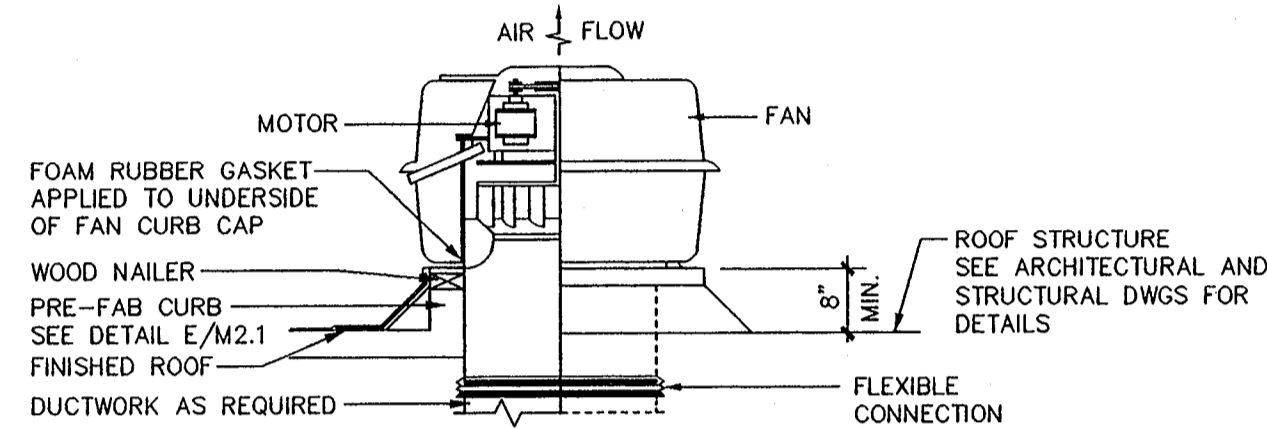
* THESE SIZES ARE TO BE USED UNLESS OTHERWISE NOTED ON DRAWINGS.



F WALL EXHAUST FAN DETAIL
M2.1 N.T.S.

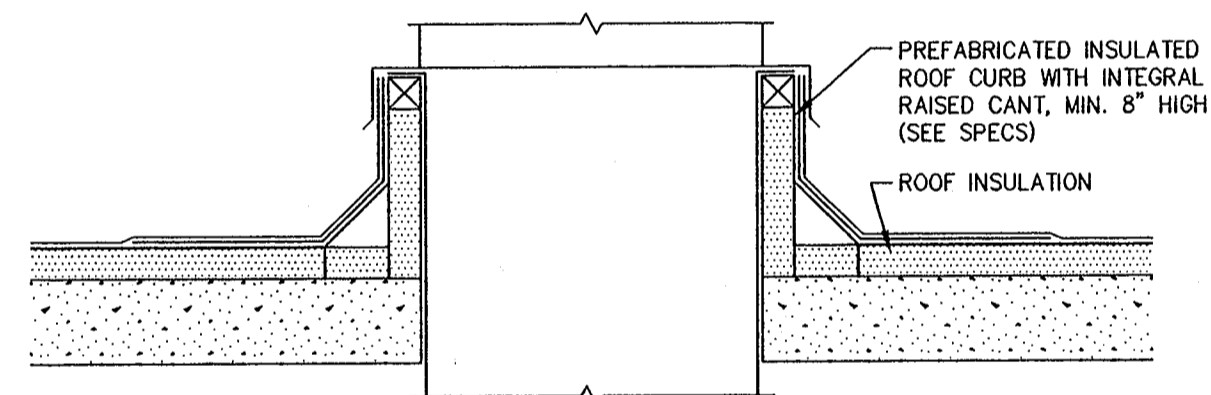


C IN-WALL EXHAUST FAN DETAIL
M2.1 N.T.S.

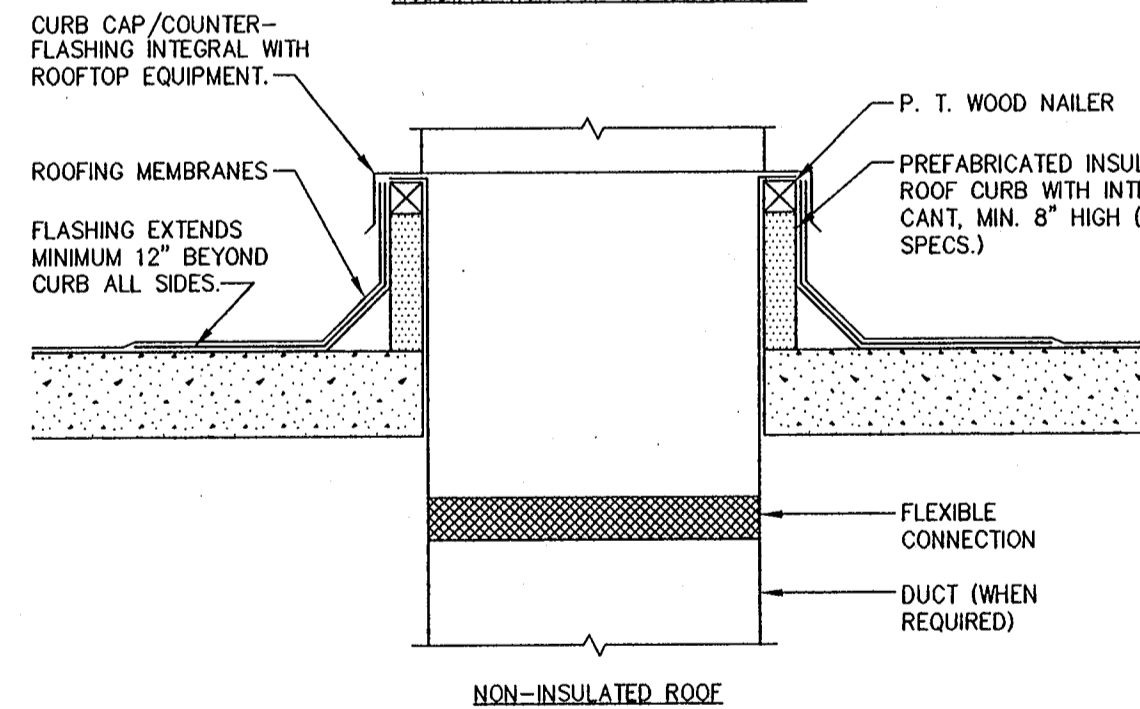


- NOTES:
1. SECURE FAN TO CURB WITH SHEETMETAL SCREWS, 12" O.C. ALL AROUND.
 2. SECURE CURB TO ROOF WITH SHEETMETAL SCREWS, LAG BOLTS OR OTHER METHOD CONSISTENT WITH ROOF CONSTRUCTION.

D UPBLAST ROOF EXHAUST FAN DETAIL
M2.1 N.T.S.

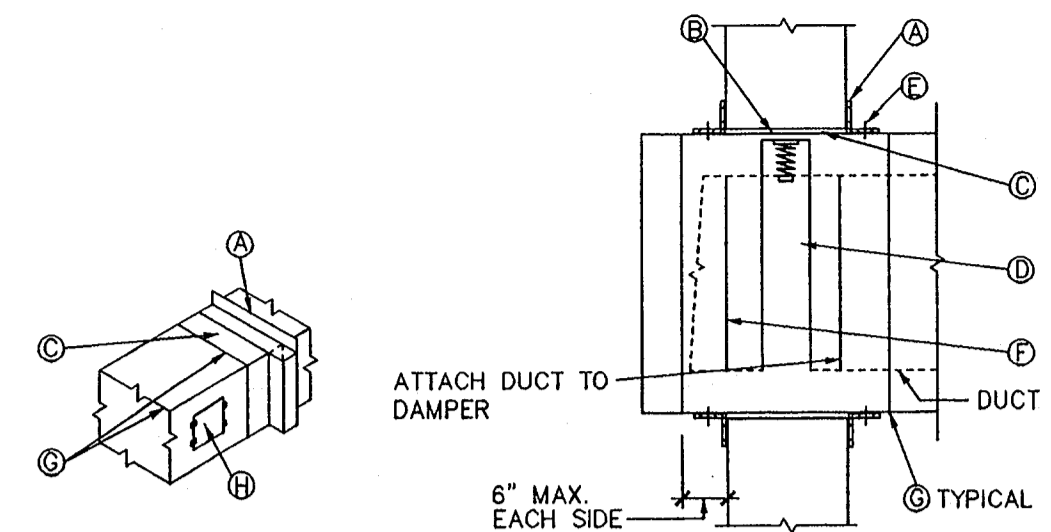


E ROOF CURB DETAIL
M2.1 N.T.S.



- NOTES:
1. SECURE CURB TO ROOF WITH SHEETMETAL SCREWS, LAG BOLTS OR OTHER METHOD CONSISTENT WITH ROOF CONSTRUCTION.
 2. SECURE CURB CAP TO WOOD NAILING STRIP WITH 3/8" CADMIUM PLATED LAG BOLTS ON 12" MAX. CENTERS.
 3. PROVIDE CONTINUOUS FOAM RUBBER GASKET APPLIED TO UNDERSIDE OF CURB CAP.

E ROOF CURB DETAIL
M2.1 N.T.S.



- NOTES:
- (A) RETAINING ANGLES: MINIMUM 1 1/2" X 1 1/2" X 0.054 (16 GA.) CAULK THE EXTERIOR PERIMETER OF FIRE DAMPER RETAINING ANGLES WITH A THIN FILLET OF AN APPROVED CAULKING MATERIAL TO PREVENT THE PASSAGE OF SMOKE AND ALLOW MOVEMENT OF THE ANGLE.
 - (B) CLEARANCE: 1/8" PER LINEAR FOOT BOTH DIMENSIONS (SEE NOTE 1 BELOW)
 - (C) STEEL SLEEVE: 16 GAGE
 - (D) APPROVED FIRE DAMPER (CURTAIN OR BLADE TYPE)
 - (E) SECURE RETAINING ANGLES TO SLEEVE ONLY, ON 8" CENTERS WITH:
 1. 1/2" LONG WELDS, OR
 2. 1/4" BOLTS AND NUTS, OR
 3. NO. 10 STEEL SCREWS, OR
 4. MINIMUM 3/16" STEEL RIVETS
 - (F) SECURE DAMPER TO SLEEVE ON 8" CENTERS WITH:
 1. 1/2" LONG WELDS, OR
 2. 1/4" BOLTS AND NUTS IN HOLES PROVIDED, OR
 3. NO. 10 STEEL SCREWS, OR
 4. MINIMUM 3/16" STEEL RIVETS
 - (G) CONNECT DUCT TO DAMPER WITH BREAKAWAY CONNECTION. MAXIMUM DISTANCE FROM WALL OR FLOOR TO BREAKAWAY CONNECTION SHALL NOT EXCEED 6".
 - (H) INSTALL HINGED ACCESS DOOR.

- NOTES:
1. FIRE DAMPER SLEEVE CLEARANCE WITHIN OPENING.

CLEARANCE REQUIREMENTS FOR DAMPER SLEEVES WITHIN OPENING IS BASED ON 1/8 INCH PER FOOT OF WIDTH (OR HEIGHT) UNLESS OTHERWISE STATED IN THE LISTING OF THE ASSEMBLY. THE SLEEVE MAY REST ON THE BOTTOM OF THE OPENING, AND NEED NOT BE CENTERED. IF FRACTIONAL DIMENSIONS SHALL BE TAKEN AS THE NEXT LARGEST WHOLE FOOT.

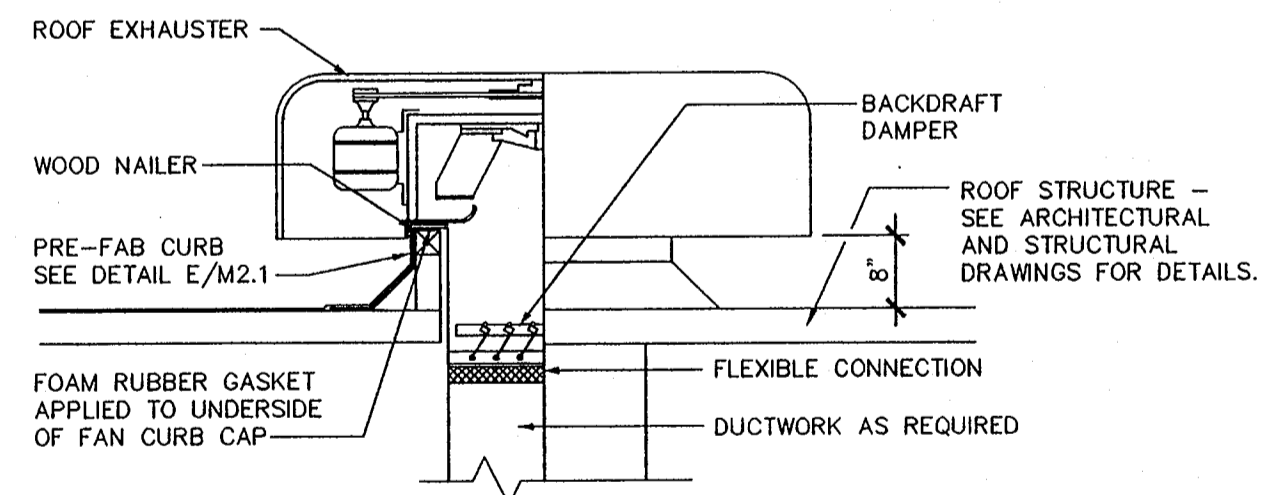
EXAMPLE: A 30 INCH X 24 INCH FIRE DAMPER SLEEVE IS INSTALLED IN A WALL OPENING. THE OPENING SHALL BE 30 3/8 INCHES WIDE (1/8 INCH X 3 FEET) BY 24 1/4 INCHES HIGH (1/8 INCH X 2 FEET).

THE SLEEVE IS RETAINED IN THE WALL OPENING BY THE USE OF STEEL RETAINING ANGLES (A). THESE MUST OVER-LAP THE EDGE OF THE FRAMING BY A MINIMUM OF ONE (1) INCH OVER AND BEYOND ALL MATERIAL IN THE OPENING. THIS MEANS THAT THE MINIMUM WIDTH OF THE RETAINING ANGLE WOULD BE 1 3/8 INCH (60000 PRACTICE CALLS FOR AN ADDITIONAL SAFETY FACTOR BY MAKING THE ANGLE IN THIS CASE 1 1/2 INCHES WIDE).

THE DIMENSIONS REQUIRED FOR THE OPENING SHALL BE THOSE REMAINING AFTER THE OPENING HAS BEEN FRAMED AND THE FIRE RESISTIVE MATERIALS PROVIDED WHERE REQUIRED. THE FIRE RESISTIVE MATERIALS SHALL BE EQUAL TO THE REQUIREMENTS FOR FIRE RESISTIVE MATERIALS USED IN THE CONSTRUCTED WALL SO THAT A CONTINUOUS RATING EXISTS AT THE WALL PENETRATION. THE CONTRACTOR ERECTING THE WALL IS RESPONSIBLE FOR PROVIDING THE FIRE RESISTIVE MATERIAL AND CORRECT SIZE OPENINGS TO ACHIEVE THE REQUIRED CLEARANCE.
 2. MANUFACTURER'S INSTALLATION DETAILS.

THE FIRE DAMPER MANUFACTURER'S INSTALLATION DETAILS AND INSTRUCTIONS AS TESTED AND APPROVED BY U.L. MUST BE USED IN LIEU OF THE ABOVE DETAILS WHERE APPLICABLE.

A FIRE DAMPER INSTALLATION DETAIL
M2.1 N.T.S.



- NOTES:
1. SECURE FAN TO CURB WITH SHEETMETAL SCREWS, 12" O.C. ALL AROUND.
 2. SECURE CURB TO ROOF WITH SHEETMETAL SCREWS, LAG BOLTS OR OTHER METHOD CONSISTENT WITH ROOF CONSTRUCTION.

B ROOF EXHAUST FAN DETAIL
M2.1 N.T.S.

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PLUMBING LEGEND

SYMBOL	DESCRIPTION	ABBRV.
---	NEW SOIL OR WASTE LINE	S. OR W.
---	EXISTING SOIL OR WASTE LINE	EXS. OR EXW.
---	EXISTING COLD WATER LINE	
---	EXISTING HOT WATER LINE	
---	EXISTING HOT WATER RETURN LINE	
---	EXISTING VENT	
---	VENT	V
---	COLD WATER	CW
---	HOT WATER	HW
---	HOT WATER RETURN	HWR
---	GATE VALVE	GV
---	CHECK VALVE	CV
---	HOSE BIBB	HB (SC)
---	PITCH DOWN IN DIRECTION OF ARROW	
---	CAP	
---	UNION	
---	FLOOR CLEANOUT OR EXTERIOR CLEANOUT	E.C.O. OR F.C.O.
---	WALL CLEANOUT	W.C.O.
---	RISER DOWN	
---	RISER UP	
---	FLOOR DRAIN (FLOOR SINK) , W/TP.	FD OR FSK
---	RAINWATER LEADER OR PIPE	RW
---	BACKFLOW PREVENTER	BFP
---	WATER HAMMER ARRESTER (SIZE "A" UNLESS NOTED OTHERWISE)	WHA
---	ASME TEMPERATURE & PRESSURE RELIEF VALVE	T&P
---	ABOVE FINISHED FLOOR	A.F.F.
---	FROM BELOW	F.B.
---	BELOW GRADE	B.G.
---	BELOW FLOOR (OR SLAB)	B.F.
---	ABOVE CEILING	A.C.
---	VENT THRU ROOF	VTR
---	DOWN	DN
---	ON CENTER	O.C.
---	HOT & COLD WATER	H&CW
---	AS HIGH AS POSSIBLE	A.H.A.P.
---	TRAP PRIMER	TP
---	REFER TO	RE
---	ROUGH-IN	RI
---	POINT OF NEW CONNECTION TO EXISTING	CEX

MINIMUM REQUIRED SLOPE

ALL DRAINAGE PIPING

PIPE SIZE, INCHES	MIN. SLOPE, INCHES/FOOT
2"	1/2"
3"	1/4"
4"	1/8"
6"	1/8"
8"	1/8"
10"	1/16"
REMARKS	

CONTRACT DEFINITIONS AND REQUIREMENTS FOR SHOP DRAWINGS, PRODUCT DATA AND SAMPLES:

- SHOP DRAWINGS ARE DRAWINGS, DIAGRAMS, SCHEDULES AND OTHER DATA SPECIALLY PREPARED FOR THE WORK BY THE CONTRACTOR, OR A SUBCONTRACTOR, SUB-SUBCONTRACTOR, MANUFACTURER, SUPPLIER OR DISTRIBUTOR TO ILLUSTRATE SOME PORTION OF THE WORK.
- PRODUCT DATA ARE ILLUSTRATIONS, STANDARD SCHEDULES, PERFORMANCE CHARTS, INSTRUCTIONS, BROCHURES, DIAGRAMS AND OTHER INFORMATION FURNISHED BY THE CONTRACTOR TO ILLUSTRATE MATERIALS OR EQUIPMENT FOR SOME PORTION OF THE WORK.
- SAMPLES ARE PHYSICAL EXAMPLES WHICH ILLUSTRATE MATERIALS, EQUIPMENT OR WORKMANSHIP AND ESTABLISH STANDARDS BY WHICH THE WORK WILL BE JUDGED.
- SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS ARE NOT CONTRACT DOCUMENTS THE PURPOSE OF THEIR SUBMITTAL IS TO DEMONSTRATE FOR THOSE PORTIONS OF THE WORK FOR WHICH SUBMITTALS ARE REQUIRED THE WAY THE CONTRACTOR PROPOSES TO CONFORM TO THE INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS. REVIEW BY THE ARCHITECT/ENGINEER IS SUBJECT TO THE LIMITATIONS OF THE GENERAL CONDITIONS.
- THE CONTRACTOR SHALL REVIEW, APPROVE AND SUBMIT TO THE ARCHITECT/ENGINEER SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS REQUIRED BY THE CONTRACT DOCUMENTS WITH REASONABLE PROMPTNESS AND IN SUCH SEQUENCE AS TO CAUSE NO DELAY IN THE WORK OR IN THE ACTIVITIES OF THE OWNER OR OF SEPARATE CONTRACTORS. SUBMITTALS MADE BY THE CONTRACTOR WHICH ARE NOT REQUIRED BY THE CONTRACT DOCUMENTS MAY BE RETURNED WITHOUT ACTION.
- THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK REQUIRING SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT/ENGINEER. SUCH WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS.
- BY APPROVING AND SUBMITTING SHOP DRAWINGS, PRODUCT DATA SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS THAT THE CONTRACTOR HAS DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, THAT ALL EQUIPMENT SUBMITTED FOR APPROVAL FITS INTO THE AVAILABLE SPACE INCLUDING REQUIRED CLEARANCES, OR WILL DO SO, AND HAS CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT/ENGINEER'S APPROVAL THEREOF.
- THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION, IN WRITING OR IN RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS, TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT/ENGINEER ON PREVIOUS SUBMITTALS.
- INFORMATIONAL SUBMITTALS UPON WHICH THE ARCHITECT/ENGINEER IS NOT EXPECTED TO TAKE RESPONSIVE ACTION MAY BE SO IDENTIFIED IN THE CONTRACT DOCUMENTS.
- WHEN PROFESSIONAL CERTIFICATION OF PERFORMANCE CRITERIA OF MATERIALS, SYSTEMS OR EQUIPMENT IS REQUIRED BY THE CONTRACT DOCUMENTS, THE ARCHITECT/ENGINEER SHALL BE ENTITLED TO RELY UPON THE ACCURACY AND COMPLETENESS OF SUCH CALCULATIONS AND CERTIFICATIONS.

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE TYPE	ABBRV.	COLD WATER	HOT WATER	SAN. OR WASTE	REMARKS
P-1	WATER CLOSET	WC	1"	----	4"	HANDICAPPED
P-2	LAVATORY	LAV	1/2"	----	1-1/4"	WALL HUNG, HANDICAPPED
P-3	MOP SERVICE BASIN	MSB	1/2"	1/2"	3" FD.	
P-4	ELECTRIC WATER COOLER	EWC	1/2"	----	1-1/4"	HANDICAPPED
P-5	ELECTRIC WATER COOLER	EWC	1/2"	----	1-1/4"	HI-LO
P-6	HANDICAPPED SHOWER	SH	1/2"	1/2"	2" FD	
PR-1	LAVATORY RETROFIT	LAV-R	1/2"	----	1-1/4"	ALT# ____
PR-2	EXISTING WATER CLOSET FIXTURE RETROFIT	WC-R	----	----	----	ALT# ____
PR-3	SHOWER RETROFIT	SH-R	1/2"	1/2"	----	ALT# ____

WATER HAMMER ARRESTER - REQUIRED LOCATIONS

CHART A - FOR GROUPED FIXTURES		CHART B - FOR LONG PIPE RUNS						
P.D.I. SIZE	FIXTURE UNITS	P.D.I. WATER HAMMER ARRESTERS						
A	1-11	LENGTH OF PIPE	NOMINAL PIPE DIAMETER					
			1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
B	12-32	25'	A	A	B	C	D	E
C	33-60	50'	A	B	C	D	E	F
D	61-113	75'	B	C	D	AE	F	EF
E	114-154	100'	C	D	E	F	CF	FF
F	155-330	125'	C	D	F	AF	EF	EFF
		150'	D	E	F	DF	FF	FFF

PLUMBING NOTES

- PLUMBING DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF WORK TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS.
- INSTALL ALL WORK IN ACCORDANCE WITH THE STANDARD PLUMBING CODE AND LOCAL PLUMBING CODES. WHERE CONFLICTS OCCUR BETWEEN CODES AND BETWEEN THE CONSTRUCTION DOCUMENTS AND CODES, THE MOST RESTRICTIVE REQUIREMENTS SHALL GOVERN.
- THE TERMS "PROVIDE" AND "INSTALLED" SHALL BE CONSIDERED SYNONYMOUS WITH "FURNISH" AND "INSTALL".
- CONTRACTOR SHALL PAY FOR ALL INSPECTION PERMITS, CERTIFICATES, CONNECTION FEES, SYSTEMS DEMAND CHARGES AND LICENSE FEES IN CONNECTION WITH HIS WORK.
- ALL WORK SHALL BE INSTALLED IN A WORKMANLIKE MANNER BY EXPERIENCED TRADESMEN.
- CONTRACTOR SHALL MAINTAIN A CLEAN WORK PREMISE AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF ALL OF HIS DEBRIS AT JOB COMPLETION AND BEFORE FINAL PAYMENT IS MADE.
- ALL WATER PIPING SHALL BE RUN AS HIGH AS POSSIBLE.
- ALL COPPER PRESSURE PIPE SHALL BE SOLDERED ENTIRELY WITH LEAD-FREE SOLDER.
- BEFORE SUBMITTING PROPOSAL FOR THE WORK, EACH BIDDER WILL BE HELD TO HAVE EXAMINED THE PREMISES AND SATISFIED HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL BE MADE SUBSEQUENTLY IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR NEGLIGENCE ON HIS PART.
- ALL MISCELLANEOUS EQUIPMENT TO BE FURNISHED UNDER OTHER SECTIONS OF THE SPECIFICATIONS THAT REQUIRE PIPING OR DUCT CONNECTIONS SHALL BE RECEIVED AND SET WITH ROUGH-IN AND FINAL CONNECTIONS MADE UNDER THESE SECTIONS.
- ALL FLOOR DRAINS AND FLOOR SINKS SHALL HAVE DEEP SEAL TRAPS AND AUTOMATIC TRAP PRIMERS (MANUFACTURE: PRECISION PLUMBING PRODUCTS).
- CONSTRUCTION MANAGER/GENERAL CONTRACTOR SHALL COORDINATE WORK BETWEEN ALL TRADES.
- WATER HAMMER ARRESTERS SHALL BE INSTALLED IN ACCORDANCE WITH PDI-WH201 AS MANUFACTURED BY WADE. SIZE SHALL BE "A" UNLESS NOTED OTHERWISE.
- EQUIPMENT TO BE FURNISHED UNDER OTHER SECTIONS OF THE SPECIFICATIONS THAT REQUIRE PIPING OR DUCT CONNECTIONS SHALL BE RECEIVED AND SET WITH ROUGH-IN AND FINAL CONNECTIONS MADE UNDER THESE SECTIONS.
- ALL HOSE BIBBS, SILL COCKS AND/OR FAUCETS WITH HOSE CONNECTIONS SHALL HAVE A VACUUM BREAKER.
- GRAVITY FLOW SYSTEMS HAVE SPACE PRIORITY FOR SLOPING PIPES, HOWEVER SLOPE MUST BE STARTED AT HIGHEST POINT POSSIBLE.
- BEAM AND FLOOR PENETRATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. BEAM SLEEVES AND BEAM REINFORCING REQUIRED BY STRUCTURAL ENGINEER SHALL BE FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR.
- ALL HOT AND COLD WATER PIPING SUBJECT TO FREEZING SHALL BE FREEZE PROTECTED. THIS INCLUDES ALL PIPING IN UNHEATED SPACES SUCH AS EQUIPMENT ROOMS, CHASES, ATTICS, SOFFITS, CRAWL SPACES, EXTERIOR WALLS CEILINGS, ETC. SEE 15185.
- CONTRACTOR'S USE OF AN APPROVAL STAMP ON DOCUMENTS SUBMITTED AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE CONTRACT DOCUMENT REQUIREMENTS RELATED TO "SHOP DRAWINGS, PRODUCT DATA AND SAMPLES".
- CONTRACTOR INITIATED INSPECTIONS: WHEN THE ENGINEER IS CALLED TO THE CONSTRUCTION JOB SITE TO PERFORM AN INSPECTION OF SPECIFIC WORK COMPLETED AND THAT WORK IS INCOMPLETE AT THE TIME OF THE REQUESTED INSPECTION, THE ENGINEER MAY, AT HIS DISCRETION, CANCEL THE INSPECTION AND SEND AN INVOICE TO THE GENERAL CONTRACTOR FOR THE TIME OF THE ENGINEER'S PERSONNEL. THIS INVOICE SHALL INCLUDE TIME FOR TRAVEL TO AND FROM THE JOB SITE AND TIME AT THE JOB SITE AND VEHICLE MILEAGE CHARGES. THE BILLING RATE FOR THE ENGINEER'S PERSONNEL SHALL BE \$65.00 PER HOUR AND MILEAGE CHARGES SHALL BE \$0.30 PER MILE. THE ENGINEER'S PERSONNEL SHALL CHECK-IN WITH THE GENERAL CONTRACTOR'S SUPERINTENDENT UPON ARRIVAL AT THE JOB SITE. ALL SUCH INSPECTIONS SHALL BE INITIATED BY THE GENERAL CONTRACTOR'S PERSONNEL BY FAX REQUEST SENT TO THE ARCHITECT'S AND/OR ENGINEER'S OFFICE. THE ENGINEER'S FAX NUMBER IS (904) 224-5876.

Hinesfortman & Associates, Inc.
Consulting Engineers
Tallahassee, Florida

H&A File No. 94-49

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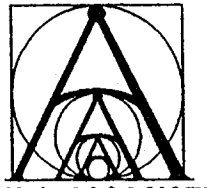
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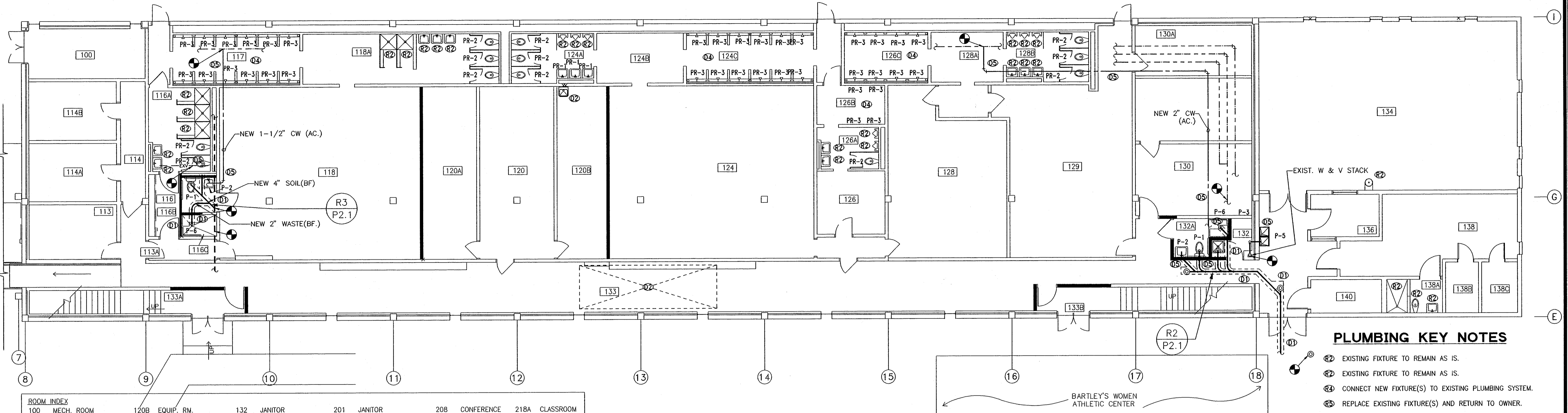
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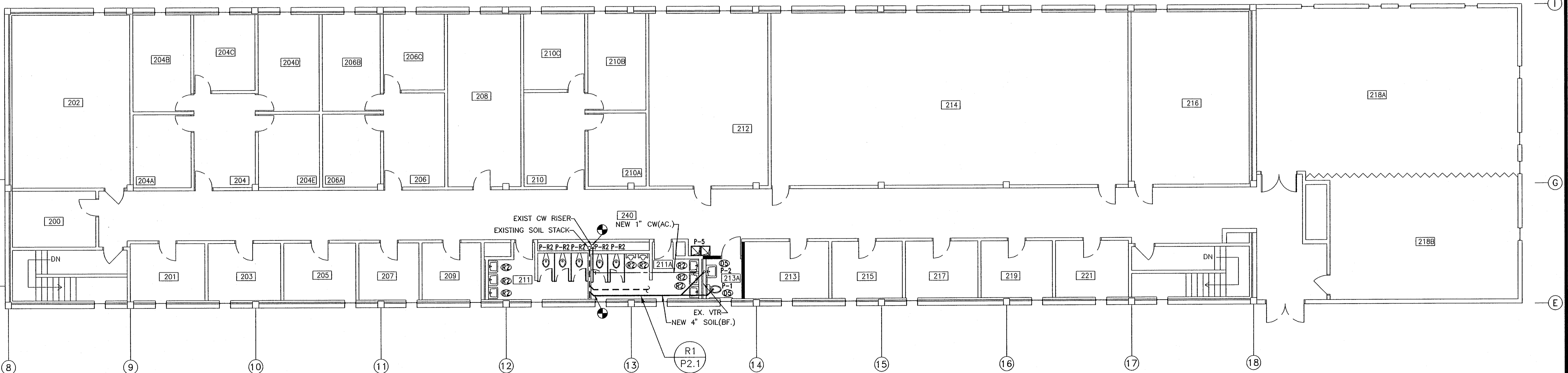
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1 OFFICE BLDG. 1ST FLOOR - PLUMBING
P1.2 SCALE: 1/8" = 1'-0"

ROOM INDEX									
100 MECH. ROOM	120B EQUIP. RM.	132 JANITOR	201 JANITOR	208 CONFERENCE	218A CLASSROOM				
113 ELEC. ROOM	124 MEN'S LOCKER RM.	132A HC TOILET/SHOWER	202 HC TOILET/SHOWER	209 OFFICE	218B CLASSROOM				
113A CORRIDOR	124A MEN'S	132B VESTIBULE	203 OFFICE	210 OFFICE	219 OFFICE				
114 CORRIDOR	124B DRYING RM.	133 CORRIDOR	204 OFFICE	210A OFFICE	221 OFFICE				
114A OFFICE	124C SHOWER RM.	133A NORTH STAIR	204A OFFICE	210B OFFICE	240 CORRIDOR				
114B OFFICE	126 MEN FACULTY	133B SOUTH STAIR	204B OFFICE	210C OFFICE					
116 WOMEN FAC.	126A RESTROOM	134 EXERCISE ROOM	204C OFFICE	211 WOMEN'S					
116A RESTROOM	126B SHOWERS	136 OFFICE	204D OFFICE	211A MEN'S					
116B HC TOILET	126C SHOWERS	138 MASSAGE BATH	204E OFFICE	212 MECH. ROOM					
116C HC SHOWER	128 VARSITY LOCKER RM.	138A TOILET	205 OFFICE	213 STUDY RM.					
117 WOMEN'S SHOWER	128A FAC. RESTROOM	138B SAUNA	206 OFFICE	213A HC TOILET					
118 WOMEN'S LOCKER RM.	128B FAC. SHOWER	138C SAUNA	206A OFFICE	214 DANCE LAB					
118A DRYING/RESTROOM	129 EQUIP. RM.	140 MECH. ROOM	206B OFFICE	215 OFFICE					
120 STUDENT EQUIP. RM.	130 FIRST AID	---	206C OFFICE	216 CLASSROOM					
120A EQUIP. RM.	130A STORAGE	200 MECH. ROOM	207 OFFICE	217 OFFICE					



1 OFFICE BLDG. 2ND FLOOR - PLUMBING
P1.2 SCALE: 1/8" = 1'-0"

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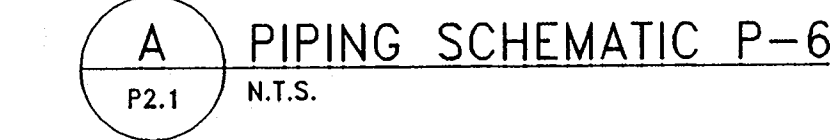
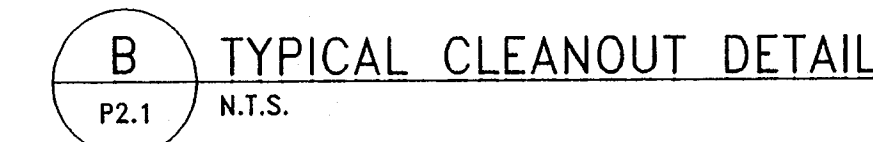
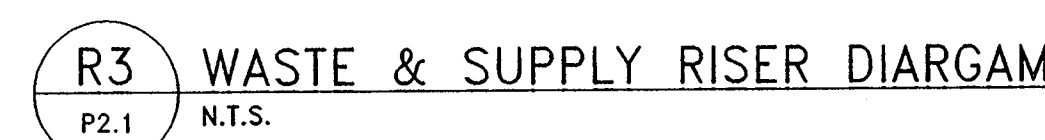
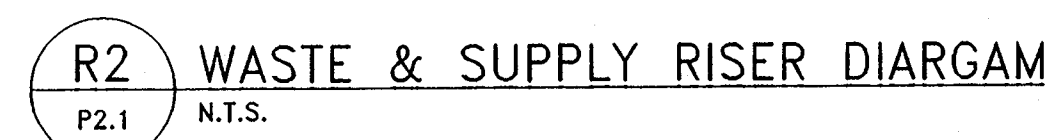
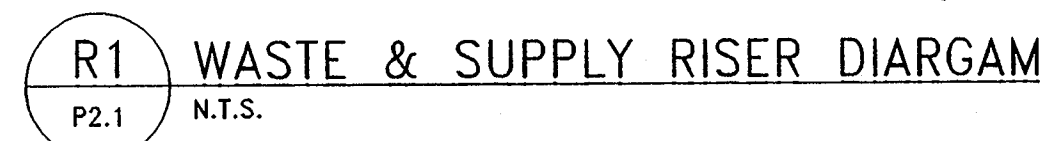
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FILE NO.: 9449P21
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FAMU STANDARD
(NO EXCEPTIONS)
ALT. # _____

FAMU STANDARD
(NO EXCEPTIONS)
ALT. # _____

LIGHTING FIXTURE SCHEDULE						
GAITHER GYM 9449						
CONTRACTOR SHALL COORDINATE FIXTURE TYPE WITH ARCHITECTURAL FINISH SCHEDULE(S). FINISH SCHEDULE(S) SHALL GOVERN						
TYPE	MANUFACTURER	CATALOG NUMBER	LAMPS		MOUNTING	REMARKS
			NO.	TYPE		
A	LITHONIA CRESCENT METALUX	2GT 240 A12125 120 ES "	2	F40T12	RECESSED	2' X 4' FLUOR. GRID TROFFER WITH PRISMATIC LENS
B	LITHONIA CRESCENT METALUX	2GT 340 A12125 120 ES "	3	F40T12	RECESSED	2' X 4' FLUOR. GRID TROFFER WITH PRISMATIC LENS
C	LITHONIA CRESCENT METALUX	LB 240 A12 ES "	2	F40T12	SURFACE	4' FLUORESCENT WRAPAROUND WITH ACRYLIC LENS
D	LITHONIA CRESCENT METALUX	WC 140 A12 ES "	2	F40T12	WALL	4' FLUORESCENT WALL FIXTURE WITH PRISMATIC ACRYLIC LENS
⊗	PRESCOLITE DUAL-LITE LITHONIA	LED-*--R--NB-B/BA EQUAL EQUAL	INCL	LED	UNIVERSAL	LED EXIT SIGN - CAST ALUM. HOUSING & BRUSHED STENCIL FACE W/ BATTERY PACK. * PROVIDE NUMBER OF FACES AS SHOWN ON FLOOR PLANS.
⌋	DUAL-LITE PRESCOLITE LITHONIA	ML-12EI12V EQUAL EQUAL	2	24W#4510	WALL	INCANDESCENT ELU WITH 12 VOLT BATTERY AND WHITE HOUSING
∇	DUAL-LITE PRESCOLITE	MP-103/#4510	1	25W	SURFACE	EMERGENCY REMOTE HEAD
F	LITHONIA CRESCENT METALUX	C 240 ES W69 EQUAL "	2	F40T12	SURFACE OR CHAIN	4' FLUORESCENT STRIP FIXTURE WITH WIREGUARD
G	NOT USED					
H	LITHONIA CRESCENT METALUX	10972 EQUAL "	2	FLUOR.	SURFACE	14" ± DIA. FLUOR. FIXTURE WITH ACRYLIC GLOBE.
J	FAIL SAFE	FWS 2 40BX ESB	2	FLUOR.	SURFACE	24" X 13" SURFACE VANDAL FLUORESCENT
K	PRESCOLITE STAFF HALO	HD10P13 EQUAL "	1	100W/MH/ ED-17	PENDANT	10"± DIAMETER H.I.D. CYLINDER DOWNLIGHT ENCLOSED AND GASKETED W/BRONZE FINISH - APPROVED FOR WET LOCATION
L	FAIL SAFE CRESCENT METALUX	FPS 240 ESB WET EQUAL "	2	FLUOR.	SURFACE	FLUORESCENT SHOWER/BATH AREA LIGHT WITH PRISMATIC LENS
M	LUMARK	HPBC-PP-50H	1	50W HPS	WALL	H.I.D. HIGH ABUSE WALL LIGHT
N	HI TEK		1	400W/MH/ CLEAR	SURFACE	H.I.D. INDUSTRIAL HIGH-BAY DOWNLIGHT ENCLOSED AND GASKETED
P	SAME	AS FIXTURE				'C'
Q	LUMARK	HPWC150HMTP	1	400W/MH/	SURFACE	H.I.D. WALL PACK WITH MULTI PHOTOCCELL
R	FAIL SAFE	FWS 240	2	F40	SURFACE	4 FT. SURFACE VANDAL FLUORESCENT
* PROVIDE EMERGENCY BATTERY PACK WHERE INDICATED ON DRAWINGS.						
LIGHT FIXTURES EQUAL TO THOSE SPECIFIED MAY BE SUBMITTED FOR APPROVAL IN ACCORDANCE WITH SPECIFICATION SECTION 16010.						

SHOP DRAWINGS, PRODUCT DATA AND SAMPLES:

- SHOP DRAWINGS ARE DRAWINGS, DIAGRAMS, SCHEDULES AND OTHER DATA SPECIALLY PREPARED FOR THE WORK BY THE CONTRACTOR, OR A SUBCONTRACTOR, SUB-SUBCONTRACTOR, MANUFACTURER, SUPPLIER OR DISTRIBUTOR TO ILLUSTRATE SOME PORTION OF THE WORK.
- PRODUCT DATA ARE ILLUSTRATIONS, STANDARD SCHEDULES, PERFORMANCE CHARTS, INSTRUCTIONS, BROCHURES, DIAGRAMS AND OTHER INFORMATION FURNISHED BY THE CONTRACTOR TO ILLUSTRATE MATERIALS OR EQUIPMENT FOR SOME PORTION OF THE WORK.
- SAMPLES ARE PHYSICAL EXAMPLES WHICH ILLUSTRATE MATERIALS, EQUIPMENT OR WORKMANSHIP AND ESTABLISH STANDARDS BY WHICH THE WORK WILL BE JUDGED.
- SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS ARE NOT CONTRACT DOCUMENTS THE PURPOSE OF THEIR SUBMITTAL IS TO DEMONSTRATE FOR THOSE PORTIONSOF THE WOEK FOR WHICH SUBMITTALS ARE REQUIRED THE WAY THE CONTRACTOR PROPOSES TO CONFORMTO THE INFOR- MATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS. REVIEW BY THE ARCHITECT/ENGINEER IS SUBJECT TO THE LIMITATIONS OF THE GENERAL CONDITIONS.
- THE CONTRACTOR SHALL REVIEW, APPROVE AND SUBMIT TO THE ARCHITECT/ENGINEER SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS REQUIRED BY THE CONTRACT DOCUMENTS WITH REASONABLE PROMPTNESS AND IN SUCH SEQUENCE AS TO CAUSE NO DELAY IN THE WORK OR IN THE ACTIVITIES OF THE OWNER OR OF SEPARATE CONTRACTORS. SUBMITTALS MADE BY THE CONTRACTOR WHICH ARE NOT REQUIRED BY THE CONTRACT DOCUMENTS MAY BE RETURNED WITHOUT ACTION.
- THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK REQUIRING SUBMITTAL AND REVIEW OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNTIL THE RESPECTIVE SUBMITTAL HAS BEEN APPROVED BY THE ARCHITECT/ENGINEER. SUCH WORK SHALL BE IN ACCORDANCE WITH APPROVED SUBMITTALS.
- BY APPROVING AND SUBMITTING SHOP DRAWINGS, PRODUCT DATA SAMPLES AND SIMILAR SUBMITTALS, THE CONTRACTOR REPRESENTS THAT THE CONTRACTOR HAS DETERMINED AND VERIFIED MATERIALS, FIELD MEASUREMENTS AND FIELD CONSTRUCTION CRITERIA RELATED THERETO, THAT ALL EQUIPMENT SUBMITTED FOR APPROVAL FITS INTO THE AVAILABLE SPACE INCLUDING REQUIRED CLEARANCES, OR WILL DO SO, AND HAS CHECKED AND COORDINATED THE INFORMATION CONTAINED WITHIN SUCH SUBMITTALS WITH THE REQUIREMENTS OF THE WORK AND OF THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRO- DUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT/ENGINEER'S APPROVAL THEREOF.
- THE CONTRACTOR SHALL DIRECT SPECIFIC ATTENTION, IN WRITING OR IN RESUBMITTED SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS, TO REVISIONS OTHER THAN THOSE REQUESTED BY THE ARCHITECT/ENGINEER ON PREVIOUS SUBMITTALS.
- INFORMATIONAL SUBMITTALS UPON WHICH THE ARCHITECT/ENGINEER IS NOT EXPECTED TO TAKE RESPONSIVE ACTION MAY BE SO IDENTIFIED IN THE CONTRACT DOCUMENTS.
- WHEN PROFESSIONAL CERTIFICATION OF PERFORMANCE CRITERIA OF MATERIALS, SYSTEMS OR EQUIP- MENT IS REQUIRED BY THE CONTRACT DOCUMENTS, THE ARCHITECT/ENGINEER SHALL BE ENTITLED TO RELY UPON THE ACCURACY AND COMPLETENESS OF SUCH CALCULATIONS AND CERTIFICATIONS.

ELECTRICAL SYMBOLS LEGEND

NOTE: AN ELECTRICAL SYMBOL SHOWN IN THIS LEGEND IS NOT MEANT TO INDICATE THAT THE SPECIFIC EQUIPMENT IS REQUIRED FOR THIS PROJECT. (SEE THE FOLLOWING SHEETS FOR EQUIPMENT REQUIRED ON THIS PROJECT.)

- TBB** TELEPHONE BACKBOARD - EXTERIOR GRADE PLYWOOD, 8" HIGH X3/4" THICK X WIDTH SHOWN ON PLANS
- T** TELEPHONE RACEWAY
- ◀** TELEPHONE OUTLET - MOUNT 18" AFF., UNLESS NOTED OTHERWISE. PROVIDE 3/4" CONDUIT HOMERUN TO TELEPHONE BACKBOARD (TBB) OR BLDG. TELEPHONE JUNCTION BOX.
- ⌈** MANUAL FIRE ALARM PULL STATION - MOUNT 48" AFF UNLESS NOTED OTHERWISE
- ⌈** FIRE ALARM HORN AND LIGHT - MOUNT 80" AFF UNLESS NOTED OTHERWISE
- ⌈** FIRE ALARM HIGH WATT SPEAKER - MOUNT 120" AFF UNLESS NOTED OTHERWISE
- ⊕** FLASHING FIRE DOME LIGHT - MOUNT 80" AFF UNLESS NOTED OTHERWISE
- ⊕** SMOKE DETECTOR - CEILING MOUNTED
- ⊕** HEAT DETECTOR - CEILING MOUNTED, 135" TYPE UNLESS NOTED OTHERWISE
- FACP** FIRE ALARM CONTROL PANEL
- FAAP** FIRE ALARM ANNUNCIATOR CONTROL PANEL
- ⊗** DUCT MOUNTED SMOKE DETECTOR
- ACT** ABOVE COUNTERTOP
- AFF** ABOVE FINISHED FLOOR
- GFI** GROUND FAULT INTERRUPTER
- EWC** ELECTRIC WATER COOLER (NOTE THAT ANY EWC ELECTRICAL RECEPTACLE THAT IS NOT HIDDEN BY THE EWC MUST BE A GFI TYPE)
- WP** WEATHERPROOF
- DN** DOWN
- GRC** GALVANIZED RIGID CONDUIT
- NL** NIGHT LIGHT (FIXTURE CONNECTED UNSWITCHED)

- ELECTRIC PANEL - 120/208 VOLT
- ⊗** EXISTING ELECTRICAL DEVICE - TO BE REMOVED
- ⊗** EXISTING ELECTRICAL DEVICE - TO REMAIN AT POSITION SHOWN
- ⊗** EXISTING RELOCATED DEVICE - SHOWN AT NEW LOCATION
- REL** RELOCATE EXISTING ELECTRICAL DEVICE TO POSITION SHOWN
- NEW WALL IN RENOVATED AREA
- * EQUIPMENT SIZES WILL BE INDICATED AS FOLLOWS:
- STARTER NEMA SIZE (NO NO. SHOWN FOR DISC SWITCHES)
- 1 30/3 3R AMP RATING & POLE QTY.
- 25AF NEMA ENCLOSURE TYPE
- FUSE AMPS OR NON-FUSED (AS SHOWN)

- A** FLUORESCENT LIGHT FIXTURE - CAPITAL LETTER INDICATES FIXTURE TYPE
- FLUORESCENT STRIP FIXTURE
- INCANDESCENT, H.I.D., OR COMPACT FLOURESCENT FIXTURE
- ⊗** EXIT LIGHT FIXTURE - PROVIDE ARROWS WHERE SHOWN. SUB-NUMBER '2' INDICATES DOUBLE-FACE EXIT LIGHT
- ⌋** EMERGENCY LIGHTING UNIT (ELU)
- WALL MOUNTED ELECTRICAL DEVICE (WHEN SHOWN ATTACHED TO A DEVICE SYMBOL)
- S** SINGLE-POLE TOGGLE SWITCH - 120/277 VOLT, 20 AMP, MOUNT 48" AFF
- S₃** THREE-WAY SWITCH - 120/277 VOLT, 20 AMP, MOUNT 48" AFF
- S₄** FOUR-WAY SWITCH - 120/277 VOLT 20 AMP, MOUNT 48" AFF
- S_K** KEY OPERATED SWITCH - 120/270 VOLT, 20 AMP, MOUNT 48" AFF
- ⊕** DUPLEX RECEPTACLE - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE, MOUNT 18" AFF UNLESS NOTED OTHERWISE
- ⊕** DUPLEX RECEPTACLE - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE, MOUNT ABOVE COUNTER-TOP
- ⊕** SINGLE RECEPTACLE - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE, MOUNT 18" AFF UNLESS NOTED OTHERWISE
- ⊕** SPECIAL PURPOSE RECEPTACLE - PROVIDE RECEPTACLE TO MATCH EQUIPMENT TO BE SERVED, MOUNT 18" AFF UNLESS NOTED OTHERWISE
- ⊕** JUNCTION BOX - 4" SQUARE UNLESS NOTED OTHERWISE

- ⊕** ELECTRIC WATER HEATER - STORAGE TYPE
- ⊗** HVAC SYSTEM FAN COIL UNIT OR VAV BOX - LOCATED ABOVE CEILING
- ⊕** MOTOR - NUMBER INDICATES HORSEPOWER
- ⊕** DISCONNECT SWITCH - 3P-30A-NF INDICATES 3 POLE, 30 AMP, NON-FUSED
- ⊕** MAGNETIC MOTOR STARTER
- ⊕** COMBINATION DISCONNECT SWITCH & MAGNETIC MOTOR STARTER - SUB-NUMBER INDICATES STARTER NEMA SIZE. WHEN SERVING MOTOR 15 HP OR LARGER, REDUCED VOLTAGE STARTER IS REQUIRED. (SEPARATE ITEMS ACCEPTABLE IN PLACE OF COMBINATION)
- WIRE IN CONDUIT - CONCEALED IN WALL OR CEILING
- WIRE IN CONDUIT - CONCEALED IN FLOOR OR UNDERGROUND
- FLEXIBLE STEEL CONDUIT
- CONDUIT - STUB OUT AND CAP
- HOMERUN TO PANEL - ARROWS INDICATE NUMBER OF CIRCUITS. SLASH MARKS INDICATE NUMBER OF CONDUCTORS (NOTE THAT THE GREEN GROUND WIRE IS NOT SHOWN BUT IS REQUIRED IN EACH FEEDER, LIGHTING, RECEPTACLE, AND POWER BRANCH CIRCUIT PER SPECIFICATION SECTION 16030 - SIZE GROUND PER N.E.C. 250-950).

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449XBDR
449X11

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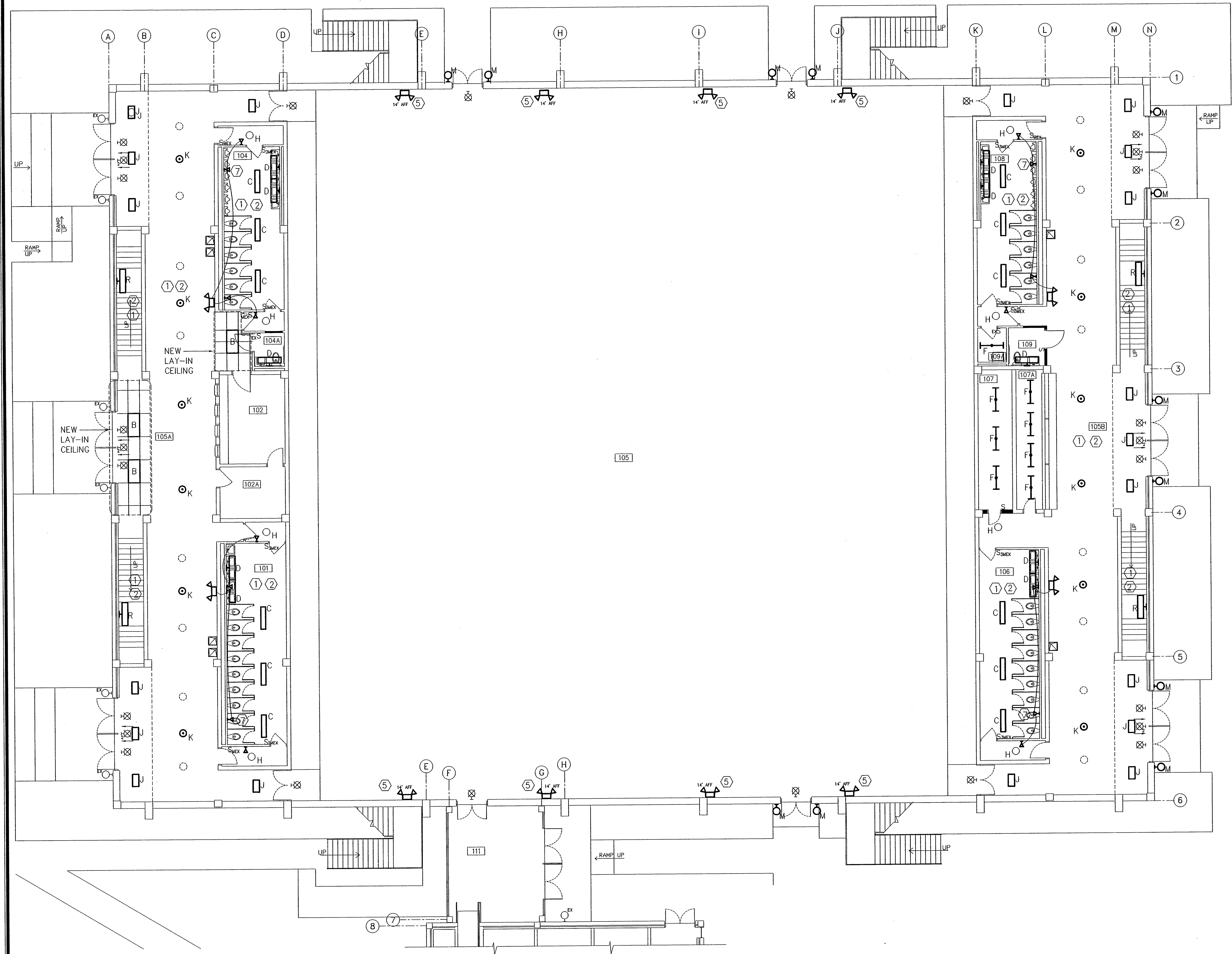
PROJ. PHASE:
CONSTRUCTION
DOCUMENTS

SHEET TITLE:
LEGEND
& FIXTURE
SCHEDULE

SCALE:
AS SHOWN

SHEET NO.:
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105A	CORRIDOR
105B	CORRIDOR
106	WOMEN'S
107	STORAGE
107A	STORAGE
108	MEN'S
109	CLOSET
109A	JAN.
111	LOBBY
???	ELECT. RM.

LIGHTING KEY NOTES:

- 1 REMOVE EXISTING LIGHTING FIXTURES BEING REPLACED AND TURN OVER TO OWNER. (SEE GEN. NOTE a.)
- 2 RECONNECT NEW LIGHTS TO EXISTING CIRCUIT SERVING THIS ROOM OR NEAREST NORMAL LIGHTING CIRCUIT. REUSE CONDUIT AND WIRING TO THE EXTENT POSSIBLE. REMOVE CONDUIT AND WIRING NOT REUSED.
- 3 REMOVE 3-WAY SWITCH AND REPLACE WITH SINGLE-POLE SWITCH.
- 4 PLACE BLANK COVER PLATE OVER SWITCHES THAT ARE NOT BEING USED.
- 5 CONNECT TO NEAREST UNSWITCHED LIGHTING CIRCUIT WITH ADEQUATE CAPACITY - UNLESS NOTED OTHERWISE. 2#12, 1#12 G., 1/2" C.
- 6 CLEAN, RELAMP, & PROVIDE NEW BALLASTS AND LENS ON EXISTING WRAPAROUND FLUORESCENT FIXTURES AS REQ'D TO MAKE ALL FIXTURES IN THIS ROOM OPERATIONAL.
- 7 NEW EMERGENCY LIGHTING REMOTE HEAD HEAD AT A NEW LOCATION.

GENERAL NOTES:

- a.) ALL NEW LIGHT FIXTURES SHOWN REPLACE EXISTING FIXTURES LOCATED GENERALLY IN THE SAME LOCATION, UNLESS NOTED OTHERWISE. ADJUST & EXTEND EXISTING CONDUIT & WIRE AS REQUIRED.

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1 GYM 1ST FLR - LIGHTING
E1.1 SCALE: 1/8" = 1'-0"



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SHEET TITLE:
GYMNASIUM
FIRST FLOOR
PLAN -
LIGHTING

SCALE:
AS SHOWN

SHEET NO.:

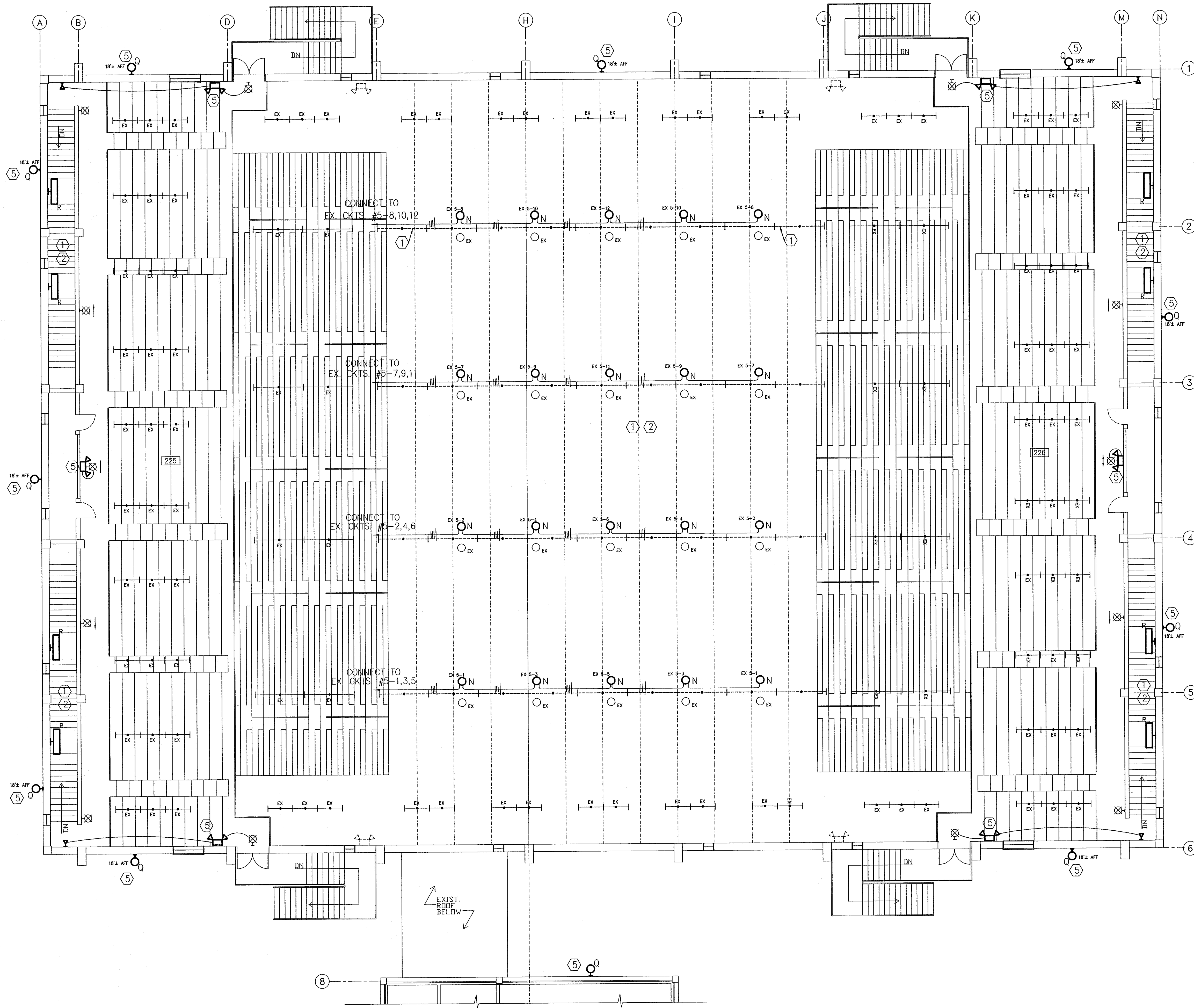
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225 BLEACHERS
226 BLEACHERS

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LIGHTING KEY NOTES:

- REMOVE EXISTING LIGHTING FIXTURES BEING REPLACED AND TURN OVER TO OWNER. (SEE GEN. NOTE a.)
- RECONNECT NEW LIGHTS TO EXISTING CIRCUIT SERVING THIS ROOM OR NEAREST NORMAL LIGHTING CIRCUIT. REUSE CONDUIT AND WIRING TO THE EXTENT POSSIBLE. REMOVE CONDUIT AND WIRING NOT REUSED.
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- CONNECT TO NEAREST UNSWITCHED LIGHTING CIRCUIT WITH ADEQUATE CAPACITY - UNLESS NOTED OTHERWISE. 2#12, 1#12 G., 1/2" C.
- CLEAN, RELAMP, & PROVIDE NEW BALLASTS AND LENS ON EXISTING WRAPAROUND FLUORESCENT FIXTURES AS REQ'D TO MAKE ALL FIXTURES IN THIS ROOM OPERATIONAL.
- NEW EMERGENCY LIGHTING REMOTE HEAD HEAD AT A NEW LOCATION.

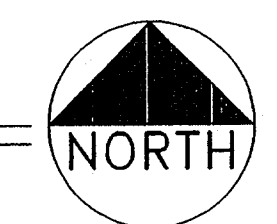
GENERAL NOTES:

- ALL NEW LIGHT FIXTURES SHOWN REPLACE EXISTING FIXTURES LOCATED GENERALLY IN THE SAME LOCATION, UNLESS NOTED OTHERWISE. ADJUST & EXTEND EXISTING CONDUIT & WIRE AS REQUIRED.

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449XBDR
449X12

1 GYM 2ND FLR - LIGHTING
E1.2 SCALE: 1/8" = 1'-0"



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SHEET TITLE:
GYMNASIUM
SECOND FLOOR
PLAN -
LIGHTING

SCALE:
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E1.2

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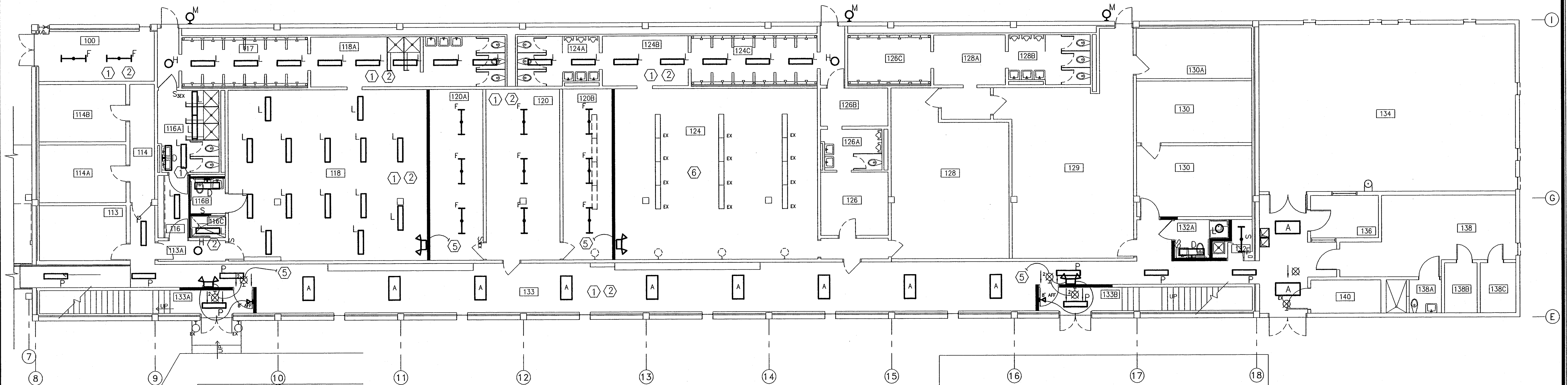
OFFICE BLDG.
FLOOR PLANS
- LIGHTING

SCALE:
AS SHOWN

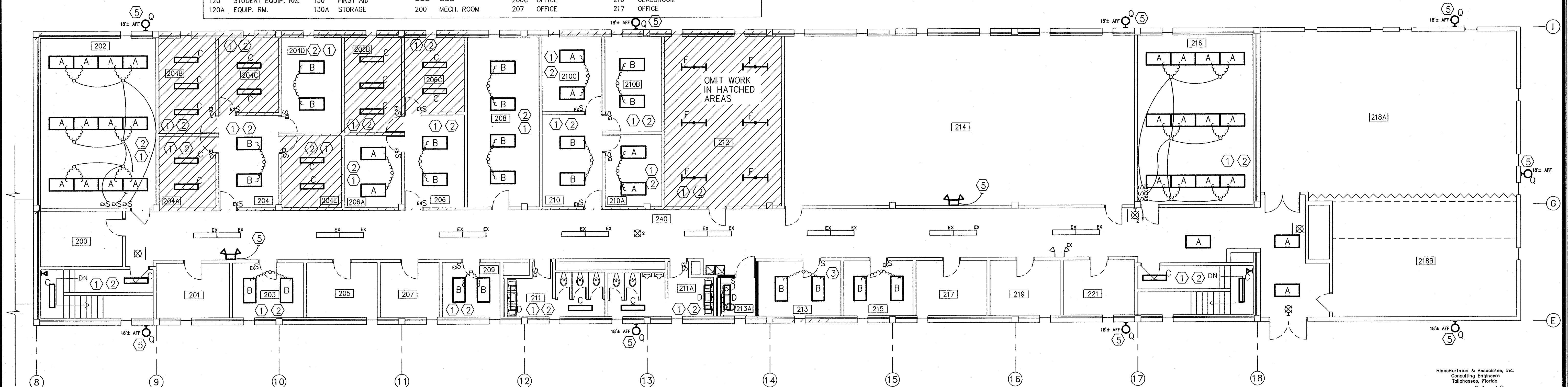
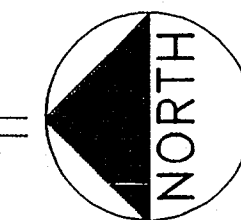
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E1.3

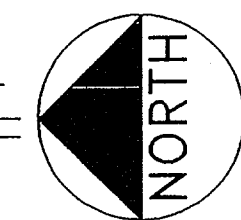
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1 OFFICE BLDG. 1ST FLOOR - LIGHTING
E1.3 SCALE: 1/8" = 1'-0"



2 OFFICE BLDG. 2ND FLOOR - LIGHTING
E1.3 SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- a) ALL NEW LIGHT FIXTURES SHOWN REPLACE EXISTING FIXTURES LOCATED GENERALLY IN THE SAME LOCATION, UNLESS NOTED OTHERWISE. ADJUST & EXTEND EXISTING CONDUIT & WIRE AS REQUIRED.

LIGHTING KEY NOTES:

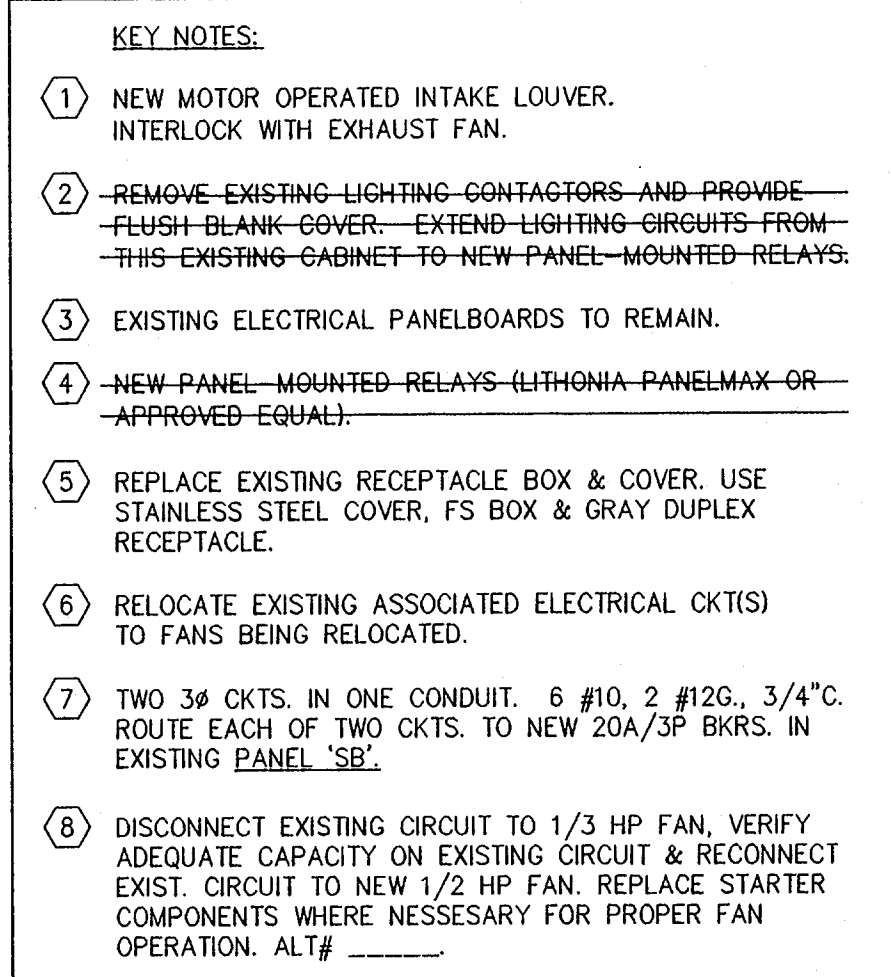
- REMOVE EXISTING LIGHTING FIXTURES BEING REPLACED AND TURN OVER TO OWNER. (SEE GEN. NOTE a.)
- RECONNECT NEW LIGHTS TO EXISTING CIRCUIT SERVING THIS ROOM OR NEAREST NORMAL LIGHTING CIRCUIT. REUSE CONDUIT AND WIRING TO THE EXTENT POSSIBLE. REMOVE CONDUIT AND WIRING NOT REUSED.
- REMOVE 3-WAY SWITCH AND REPLACE WITH SINGLE-POLE SWITCH.
- PLACE BLANK COVER PLATE OVER SWITCHES THAT ARE NOT BEING USED.
- CONNECT TO NEAREST UNSWITCHED LIGHTING CIRCUIT WITH ADEQUATE CAPACITY - UNLESS NOTED OTHERWISE. 2 #12, 1 #12G, 1/2" C.
- CLEAN, RELAMP & PROVIDE NEW BALLASTS & LENS ON EXISTING WRAPAROUND FLUORESCENT FIXTURES AS REQ'D TO MAKE ALL FIXTURES IN THIS ROOM OPERATIONAL.
- NEW EMERGENCY LIGHTING REMOTE HEAD AT A NEW LOCATION.

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449XBDR
449X12

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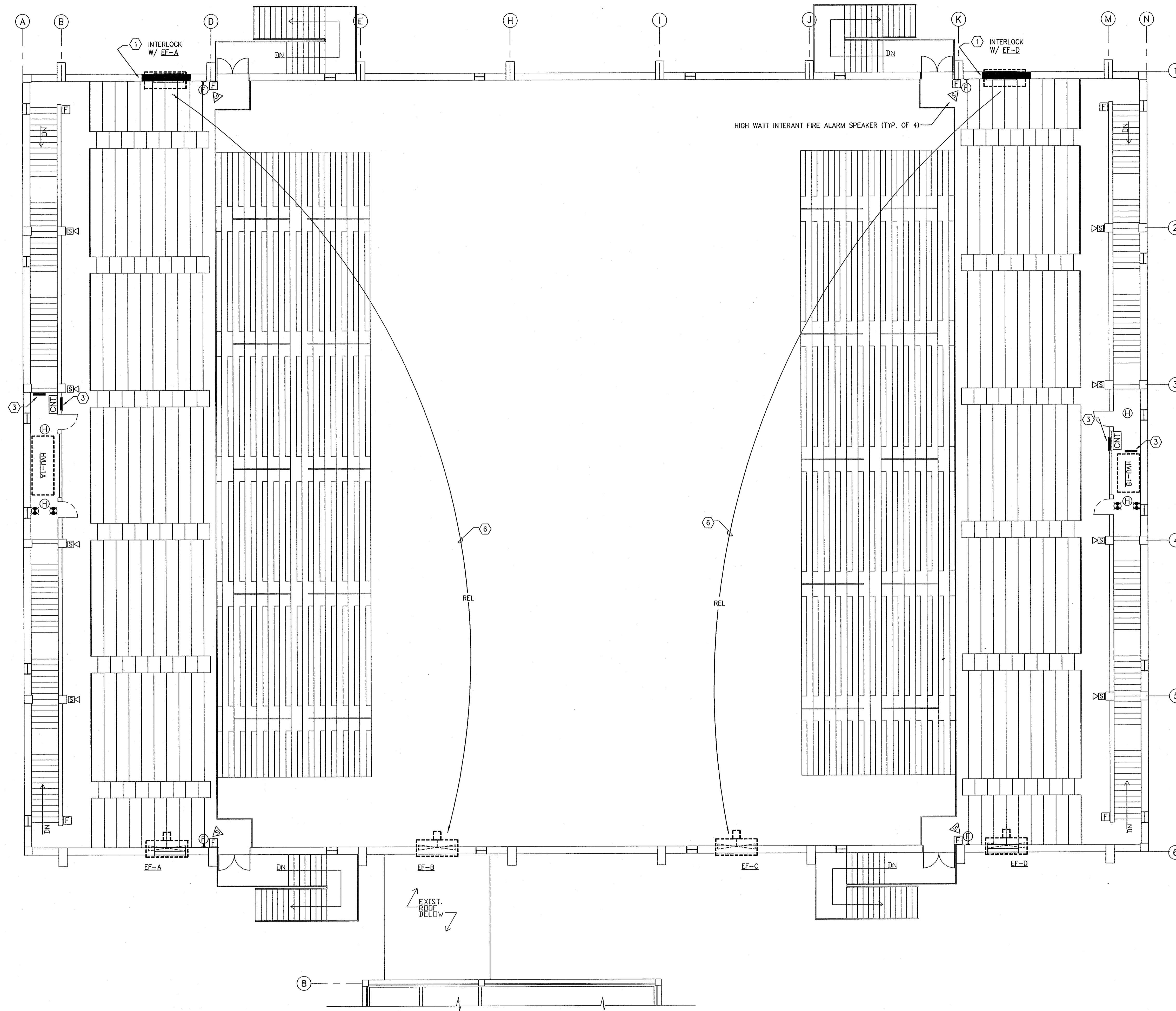
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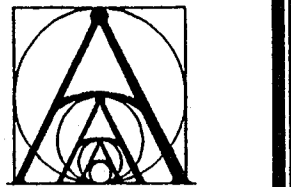


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ROOM INDEX	
225	BLEACHERS
226	BLEACHERS

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SHEET TITLE:
GYMNASIUM
SECOND FLOOR
PLAN -
POWER

SCALE:
AS SHOWN

SHEET NO.:

E2.2

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- KEY NOTES:
- 1 NEW MOTOR OPERATED INTAKE LOUVER.
INTERLOCK WITH EXHAUST FAN.
 - 2 REMOVE EXISTING LIGHTING CONTACTORS AND PROVIDE
FLUSH BLANK COVER. EXTEND LIGHTING CIRCUITS FROM
THIS EXISTING CABINET TO NEW PANEL MOUNTED RELAYS.
 - 3 EXISTING ELECTRICAL PANELBOARD TO REMAIN.
 - 4 NEW PANEL MOUNTED RELAYS (LITHONIA PANELMAX OR
APPROVED EQUAL).
 - 5
 - 6 RELOCATE EXISTING ASSOCIATED ELECTRICAL CKT(S)
TO FANS BEING RELOCATED.

1 GYM 2ND FLOOR - POWER
E2.2 SCALE: 1/8" = 1'-0"



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449XBDR
449X12

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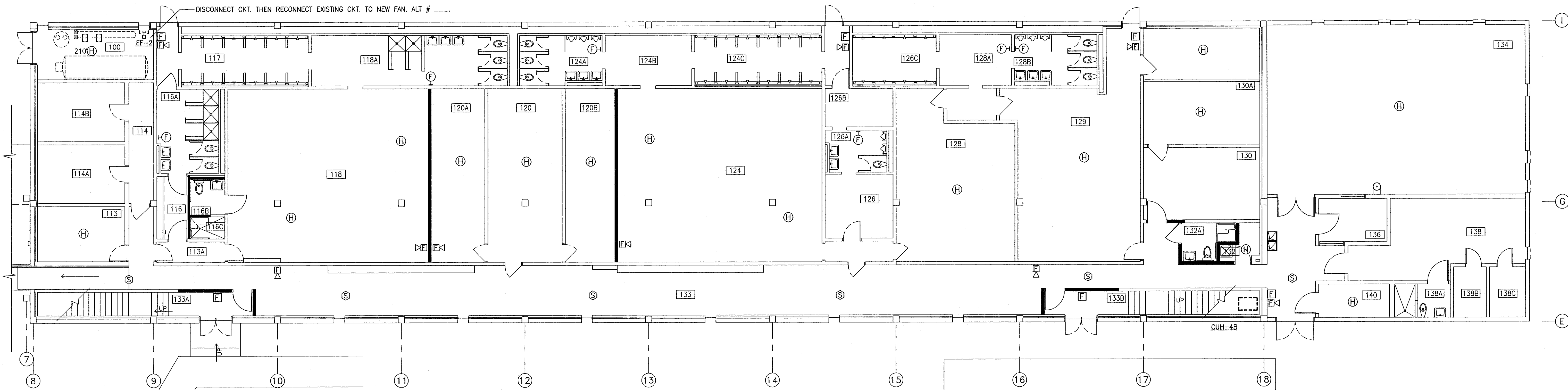
OFFICE BLDG.
FLOOR PLANS
- POWER

SCALE:
AS SHOWN

SHEET NO.:

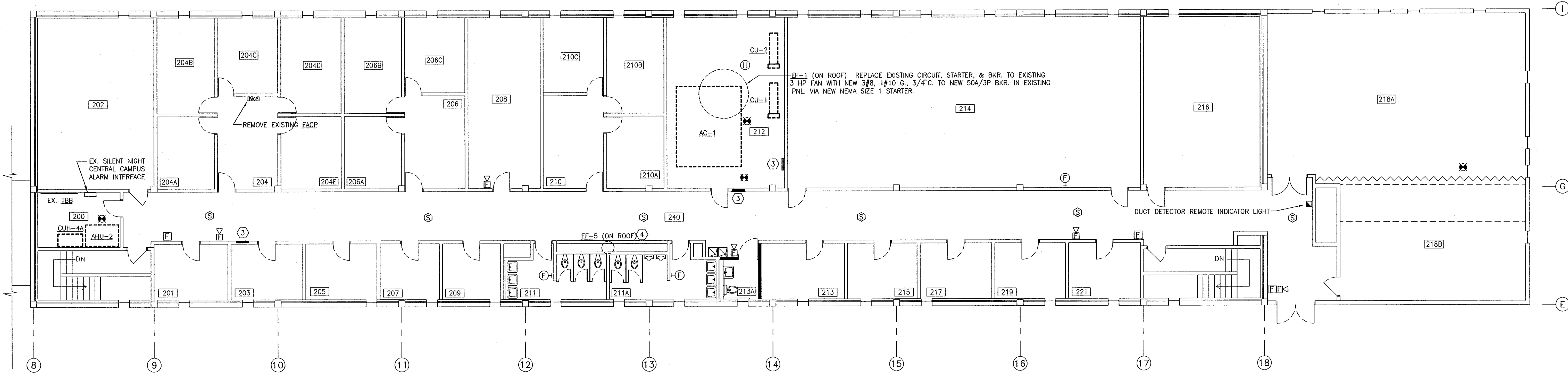
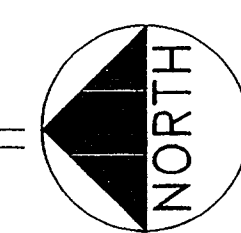
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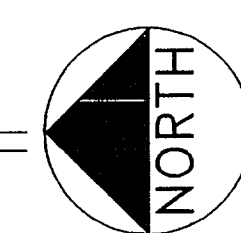
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206E	OFFICE	206F	OFFICE
206G	OFFICE	206H	OFFICE
206I	OFFICE	206J	OFFICE
206K	OFFICE	206L	OFFICE
206M	OFFICE	206N	OFFICE
206O	OFFICE	206P	OFFICE
206Q	OFFICE	206R	OFFICE
206S	OFFICE	206T	OFFICE
206U	OFFICE	206V	OFFICE
206W	OFFICE	206X	OFFICE
206Y	OFFICE	206Z	OFFICE
207	OFFICE	208	CONFERENCE
209	OFFICE	210	OFFICE
210A	OFFICE	210B	OFFICE
210C	OFFICE	210D	OFFICE
210E	OFFICE	210F	OFFICE
210G	OFFICE	210H	OFFICE
210I	OFFICE	210J	OFFICE
210K	OFFICE	210L	OFFICE
210M	OFFICE	210N	OFFICE
210O	OFFICE	210P	OFFICE
210Q	OFFICE	210R	OFFICE
210S	OFFICE	210T	OFFICE
210U	OFFICE	210V	OFFICE
210W	OFFICE	210X	OFFICE
210Y	OFFICE	210Z	OFFICE
211	WOMEN'S	211A	MEN'S
212	MECH. ROOM	213	STUDY RM.
213A	HC TOILET	214	DANCE LAB
215	OFFICE	216	CLASSROOM
217	OFFICE	218	CLASSROOM
218A	CLASSROOM	218B	CLASSROOM
219	OFFICE	221	OFFICE
240	CORRIDOR	240A	CORRIDOR

1 OFFICE BLDG. 1ST FLOOR - POWER
E2.3 SCALE: 1/8" = 1'-0"



- KEY NOTES:
- 1 NEW MOTOR OPERATED INTAKE LOUVER. INTERLOCK WITH EXHAUST FAN.
 - 2 REMOVE EXISTING LIGHTING CONTACTORS AND PROVIDE FLUSH BLANK COVER. EXTEND LIGHTING CIRCUITS FROM THIS EXISTING CABINET TO NEW PANEL MOUNTED RELAYS.
 - 3 EXISTING ELECTRICAL PANELBOARDS TO REMAIN.
 - 4 PROVIDE NEW 2#12, 1#12 G., 1/2" C. TO NEW 20A/1P BKR. INSTALLED IN EXIST. PANEL. ALT. # ____.

2 OFFICE BLDG. 2ND FLOOR - POWER
E2.3 SCALE: 1/8" = 1'-0"



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Consulting Engineers
Tallahassee, Florida
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449X13

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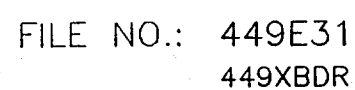
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E3.1

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