

CONSTRUCTION  
DOCUMENT  
INDEX

CS	COVER SHEET
ARCHITECTURAL	
A-1.0	FLOOR PLAN
A-2.0	INTERIOR ELEVATIONS AND PARTITION TYPES
A-3.0	REFLECTED CEILING PLAN
A-4.0	CASEWORK SCHEDULE AND DETAILS
A-5.0	DOOR SCHEDULE
A-5.1	WINDOW AND FINISH SCHEDULE
FE-1	FURNITURE AND EQUIPMENT PLAN

PROJECT NO. 03307

SUITE 208  
DR. GIMINARO @  
ATWOOD PROFESSIONAL  
OFFICE CENTER  
TOWN OF BEL AIR  
HARFORD COUNTY, MARYLAND

**ADW**

ARCHITECTURAL

design works inc

TOWSON

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BEL AIR

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G.W. STEPHENS & ASSOC., INC.  
203 EAST BROADWAY  
BEL AIR, MD. 21286  
BEL AIR OFFICE: (410) 879-1500  
TOWSON OFFICE: (410) 825 8120

**STRUCTURAL ENGINEERS**  
SKARDA AND ASSOC.  
2439 N. CHARLES STREET  
BALTIMORE, MD. 21218  
(410) 366 - 9384

**MECH/ELECT ENGINEERS**  
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15 WEST AYLESBURY ROAD  
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**INTERIOR DESIGN**  
PATTI RAE INTERIORS  
30 1/2 A EAST PENNSYLVANIA AVENUE  
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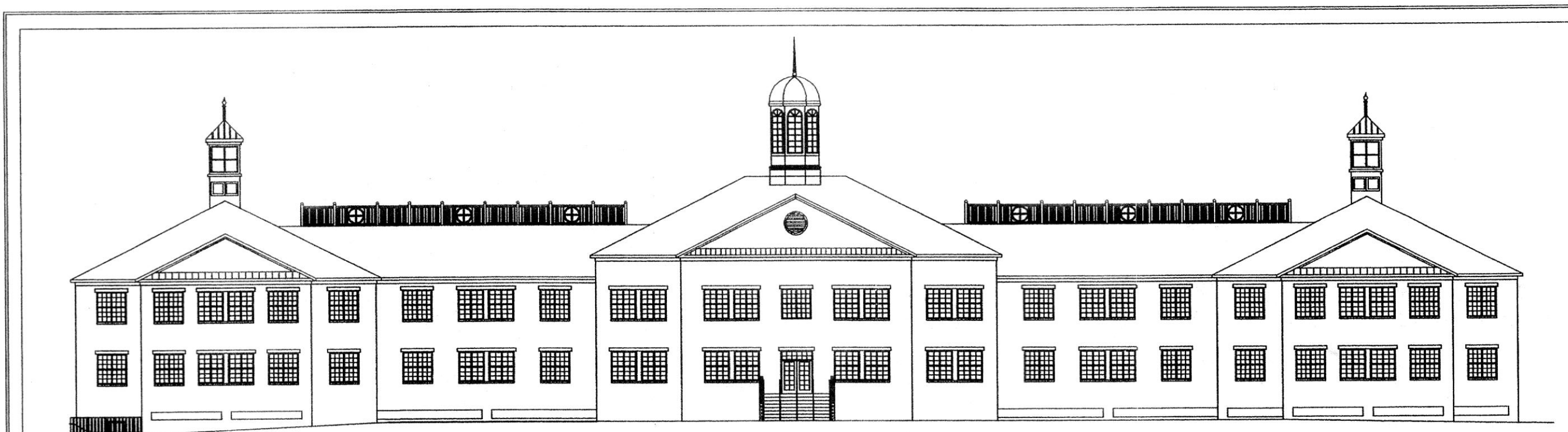
ISSUE PROJECT #: 03307

50% CHECK SET 05-22-03 CS

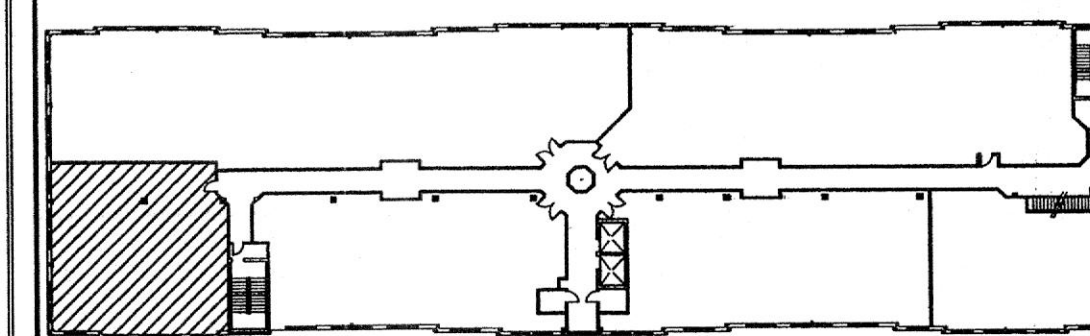
PERMIT SET 06-11-03 COVER SHEET

ABBREVIATIONS USED

A.F.F.	AT FINISHED FLOOR	GAL	GALLON
AL	ALUMINUM	GYP.BD.	GYPSUM WALL BOARD
APPROX	APPROXIMATE	H	HIGH
AS	AIR STATION	HB	HOSE BIB
BLDNG	BUILDING	HB(HB1)	HIGH BAY DOOR
CI	CONTROL JOINT	HL	HALOGEN LIGHTS
CO	CLEANOUT	HP	HIGH POINT
CONC	CONCRETE	M.E.P.	MECHANICAL-ELECTRICAL-PLUMBING
CMU	CONCRETE MASONRY UNIT	M.O.D.	MOTOR OPERATED DAMPER
DTL(S)	DETAIL(S)	MTL	METAL
DWG(S)	DRAWING(S)	N.I.C.	NOT IN CONTRACT
EL	EMERGENCY LIGHTS	O.C.	ON CENTER
ELEC	ELECTRIC, ELECTRICAL	PNT	PAINT, PAINTED
EWC	ELECTRIC WATER COOLER	PLCMT	PLACEMENT
EXH	EXHAUST	REINF	REINFORCED
EXJ	EXPANSION JOINT	SAN	SANITARY
FD	FLOOR DRAIN	SL	SCONCE LIGHTING
FEX	FIRE EXTINGUISHER	STL	STEEL
FIN	FINISH, FINISHED	STRUCT	STRUCTURAL
FRT	FIRE RETARDANT	TYP	TYPICAL
FTNG	FOOTING	W/	WITH
		WD	WOOD
		WH	WATER HEATER
		WP	WALL PANEL (LIGHT)
		W.W.M.	WELDED WIRE MESH



ATWOOD PROFESSIONAL OFFICE CENTER  
TENANT IMPROVEMENTS



SECOND FLOOR

KEY PLAN  
NO SCALE

ARCHITECTURAL SYMBOLS

	BRICK		PLYWOOD: SMALL SCALE		STONE: ROUGH-CUT OR RUBBLE
	CONCRETE MASONRY UNIT		METAL: SMALL SCALE STRUCTURAL, FLASHING		WOOD: FINISH
	CAST IN PLACE OR PRE-CAST CONCRETE		GYPSUM WALL BOARD		WOOD: ROUGH
	LIGHT WEIGHT CONCRETE		STUCCO REINFORCED		WOOD BLOCKING
	CAST STONE		RESILIENT FLOORING		PLYWOOD: LARGE SCALE
	EARTH: BACKFILL		STEEL		CARPET AND PAD
	EARTH: UNDISTURBED		PLASTER CEMENT, SAND, GROUT		CERAMIC TILE: LARGE SCALE
	BATT OR BLOWN INSULATION		ROCK OR STONE		CERAMIC TILE: PROFILE
	RIGID INSULATION		CRUSHED STONE, GRAVEL OR POROUS FILL		GLASS: LARGE SCALE
	METAL, ALUMINUM, ETC.		CUT STONE, BLUESTONE, FLAGSTONE OR SLATE		GLASS: SMALL SCALE

	BUILDING CORE & SHELL		DOOR SYMBOL		EXISTING COLUMN SYMBOL
	DOOR NUMBER		WINDOW SYMBOL		NEW COLUMN SYMBOL
	PARTITION TYPES		SECTION NUMBER		BUILDING SECTION
	DATUM ELEVATION		WALL SECTION		DETAIL
	ROOM NAME		DETAIL NUMBER		DETAIL ENLARGEMENT
	ROOM NUMBER		SHEET NUMBER		

LINETYPES USED

	CONSTRUCTION-DENOTES CURRENT CONSTRUCTION
	HIDDEN-DENOTES CONSTRUCTION ABOVE, UNDERNEATH OR BEHIND
	PLANTOM-DENOTES FUTURE CONSTRUCTION
	CENTER-DENOTES CENTERLINE
	DEMO-DENOTES STRUCTURE DEMOLITION

FIRE SAFETY INFORMATION

IBC TABLE 601 AND 602  
FIRE RESISTANCE RATINGS - IN HOUR  
EXTERIOR WALLS (LOAD-BEARING): 0  
EXTERIOR WALLS (NON LOAD-BEARING): 0  
FIRE ENCLOSURES OF EXITS: 1 (LESS THAN (4) FOUR STORIES)  
FIRE SEPARATION OF SHAFTS: 1 (LESS THAN (4) FOUR STORIES)  
OPEN PARKING UNDER BUSINESS  
SECT. 406.3 TABLE 302.3.3: 2 HOURS  
TENANT SPACE SEPARATIONS: 0  
SMOKE BARRIERS: 1  
NON LOAD-BEARING PARTITIONS: 0  
INTERIOR LOAD-BEARING PARTITIONS, COLUMNS, GIRDERS, TRUSSES (OTHER THAN ROOF): 0

FLOOR CONSTRUCTION: 0  
ROOF CONSTRUCTION: 0  
CORRIDOR TABLE 1004.3.2.1 0 (SPRINKLER SYSTEM)

BUILDING TO BE FULLY SPRINKLERED.  
SPRINKLER SYSTEM THROUGHOUT LEASE SPACE AND ATTIC.  
PROVIDE HOOK UP AND ACCESSORIES TO PUMP SYSTEM  
IN ACCORDANCE WITH FIRE DEPARTMENT REQUIREMENTS.  
FIRE ALARM SYSTEM SHALL HAVE A KNOX BOX

PROVIDE ATTIC DRAFT STOPPING EVERY 3,000 S.F.  
WITH 1/2" 1 HR. FIRE RATED GYPSUM BOARD, TYPICAL.  
(SEE ATTIC PLAN - DWG A-1.2)

INSULATION: ATTIC R.30, WALLS R.19  
ATTIC (EXPOSED): FLAME SPREAD OF 25 OR LESS  
SMOKE DEVELOPMENT OF 450 OR LESS  
WALLS (CONCEALED): FLAME SPREAD OF 75 OR LESS  
SMOKE DEVELOPMENT OF 450 OR LESS

EGRESS WIDTH PER OCCUPANT IN INCHES  
B SPRINKLER STAIR 237 x 0.2 = 47.4"  
B SPRINKLER DOORS/CORRIDOR 237 x .15 = 35.55"

TRAVEL DISTANCE - TABLE 1006.5 - 250 FEET W/ SPRINKLER

GENERAL BUILDING DATA

USE OR OCCUPANCY: MIXED USE : SEPARATED  
B (BUSINESS) FIRST & SECOND FLOORS  
ABOVE GRADE  
S2 (OPEN PARKING) LOWER LEVEL  
ON GRADE  
ZONING: B3  
TYPE OF CONSTRUCTION: V-B (UNPROTECTED)  
B - SPRINKLERED  
S2

TENANT OCCUPANCY CALCULATIONS (2000 IBC)  
IBC TABLES 1003.2.2.2  
BUSINESS AT 100 GSF  
2,206/100 = 22 OCCUPANTS-DR. GIMINARO  
23,628/100 = 237 OCCUPANTS-2ND FLOOR  
IBC TABLE 1003.2.3

PARKING CALCULATIONS

MEDICAL OFFICES (1 PER 200 SF.):  
1,192.79SF/200 = 5.96 (6 PARKING SPACES)  
BUSINESS SERVICES (1 PER 300 SF.):  
208.6835 SF/300 = 0.69 (1 PARKING SPACE)  
CORRIDOR, RESTROOMS, SERVICE:  
593.2443 SF= (0 PARKING SPACES)  
TOTAL: 7 PARKING SPACES

BUILDING DESIGN DATA

FIRST FLOOR LIVE LOAD: 80 PSF  
FIRST FLOOR DEAD LOAD: 20 PSF  
STORAGE ROOM LIVE LOAD: 100 PSF  
STORAGE ROOM DEAD LOAD: 20 PSF  
SECOND FLOOR LIVE LOAD: 80 PSF  
SECOND FLOOR DEAD LOAD: 20 PSF  
ROOF LIVE LOAD: 30 PSF  
ROOF DEAD LOAD: 15 PSF  
SOIL BEARING CAPACITY: 2,500 PSF (ASSUMED)  
SNOW LOAD: 20 PSF  
WIND LOAD: 80 MPH BOCA EXPOSURE B 10 PSF  
FIRST AND SECOND FLOOR CORRIDOR LIVE LOAD 100 PSF

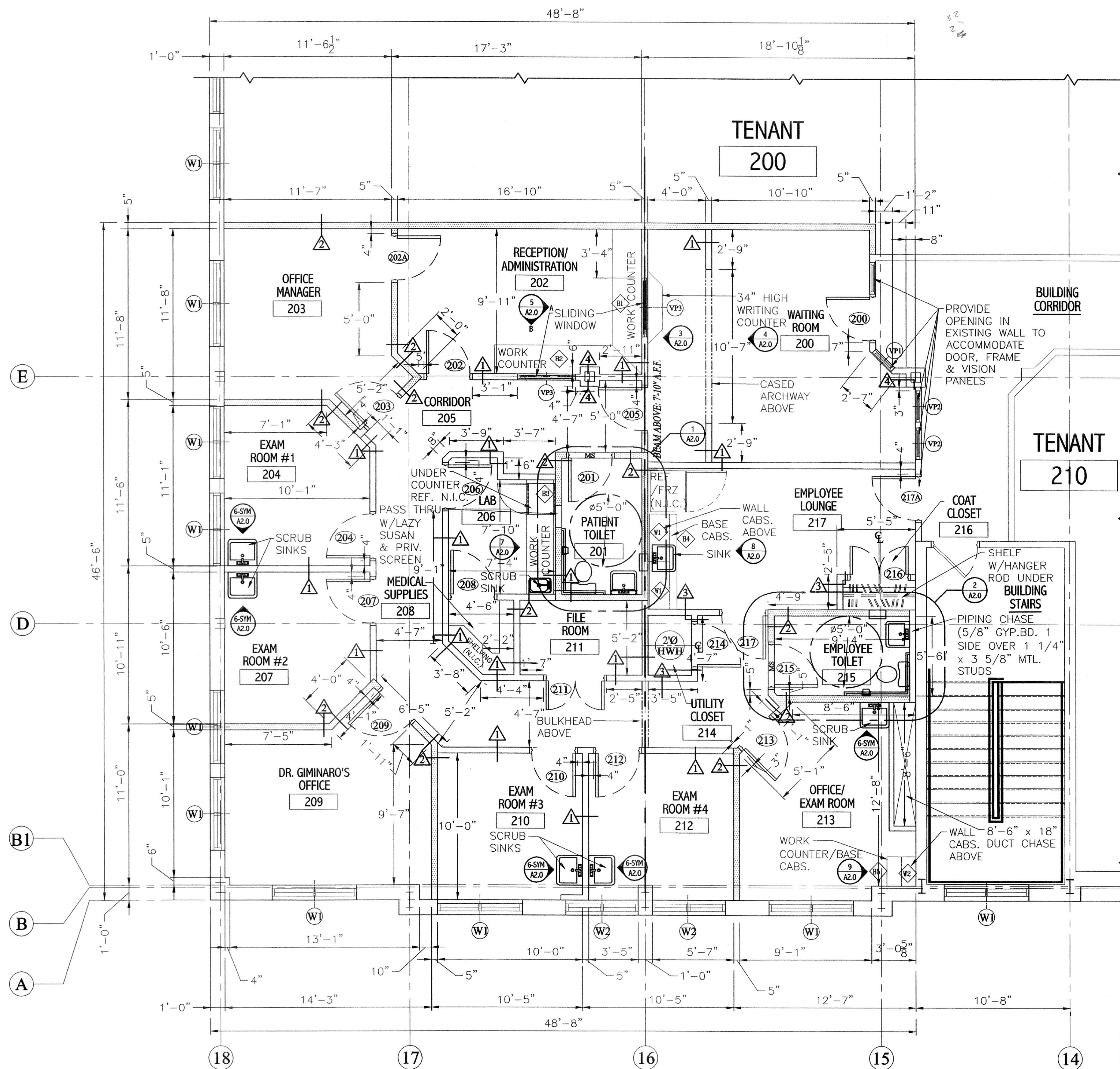
GENERAL NOTES:  
1. CONTRACT DOCUMENTS INCLUDE DRAWINGS AND SPECIFICATIONS  
2. CONTRACTOR(S) RESPONSIBLE FOR CONFORMANCE WITH APPLICABLE BLDG. CODES.

APPLICABLE CODES:  
2000 INTERNATIONAL BUILDING CODE AS AMMENDED BY LOCAL BILL 98-1  
2000 INTERNATIONALMECHANICAL CODE  
2002 STATE OF MARYLAND ACCESSIBILITY CODE 05.02.02  
2002 NFPA 101, LIFE SAFETY CODE (AS ENFORCED BY THE STATE FIRE MARSHALL'S OFFICE)

OFFICE SET

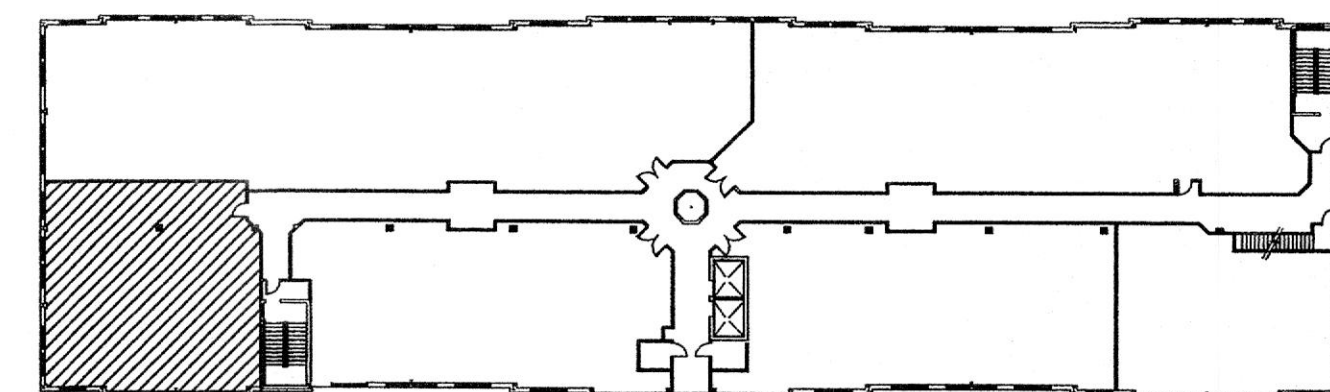
Professional Certification.  
I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland, license number \_\_\_\_\_ expiration date \_\_\_\_\_  
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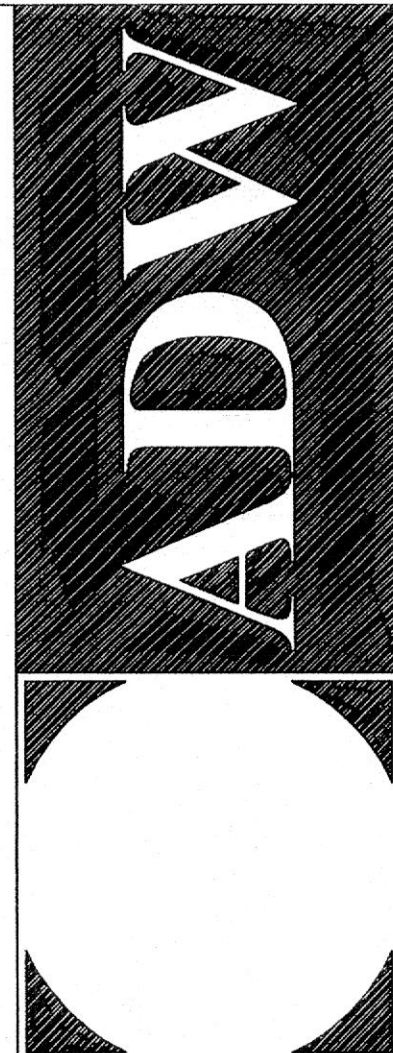


**PARTIAL SECOND FLOOR PLAN**

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



**SECOND FLOOR  
KEY PLAN**



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**FLOOR PLAN**

**SUITE 208  
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OFFICE CENTER**  
ATWOOD ROAD  
TOWN OF BEL AIR, MD  
ATWOOD DEVELOPMENT, L.L.C.

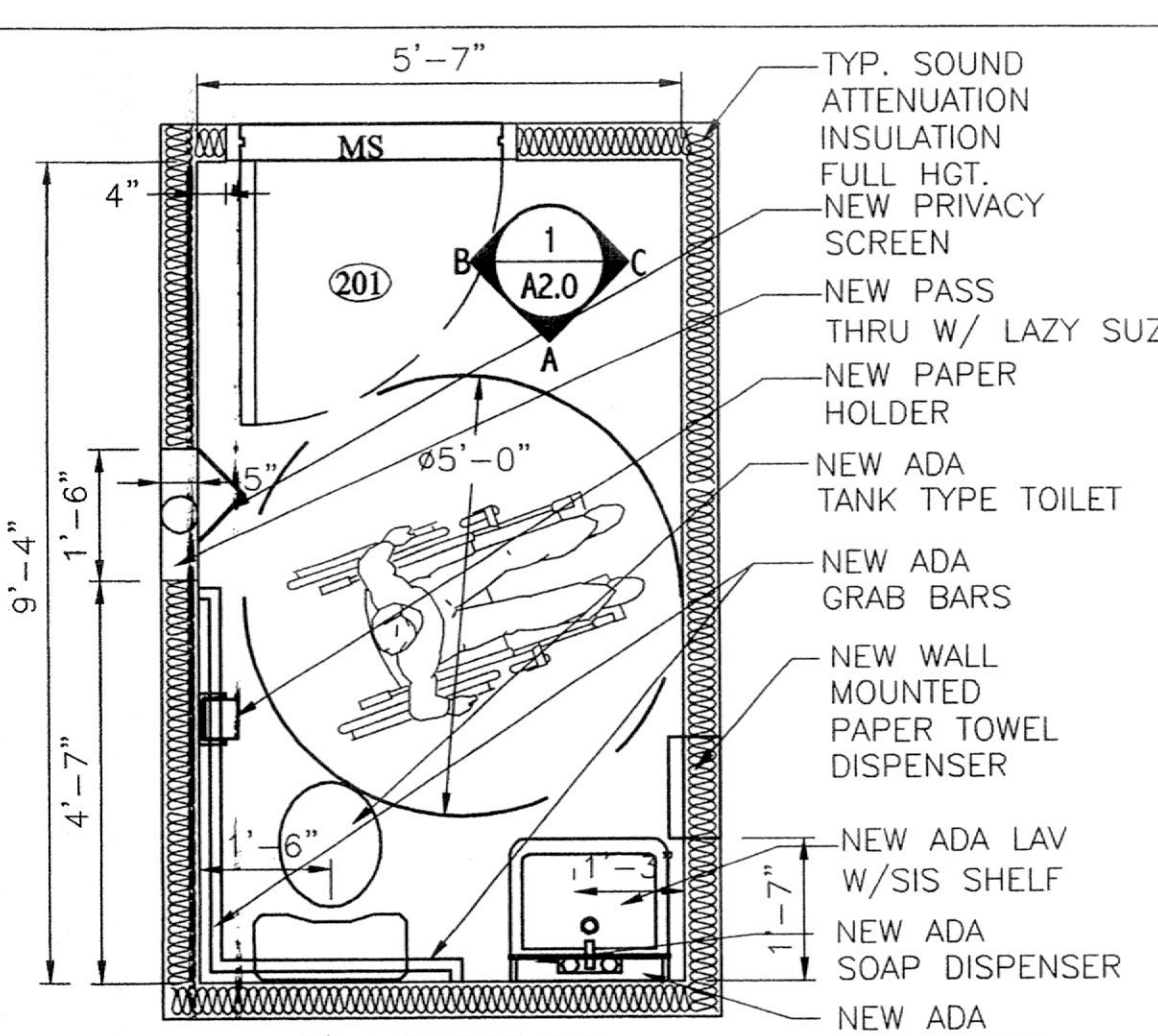
NO.	REVISIONS:	DATE
1	DESCRIPTION	05-22-03
2	50% PERMIT SET	06-11-03

DRAWN BY: A.R.H./A.S.C.  
REVIEWED BY: H.C.H.  
PROJECT NO.: 03307  
DATE: 05-02-03  
SCALE: AS SHOWN  
DWG:

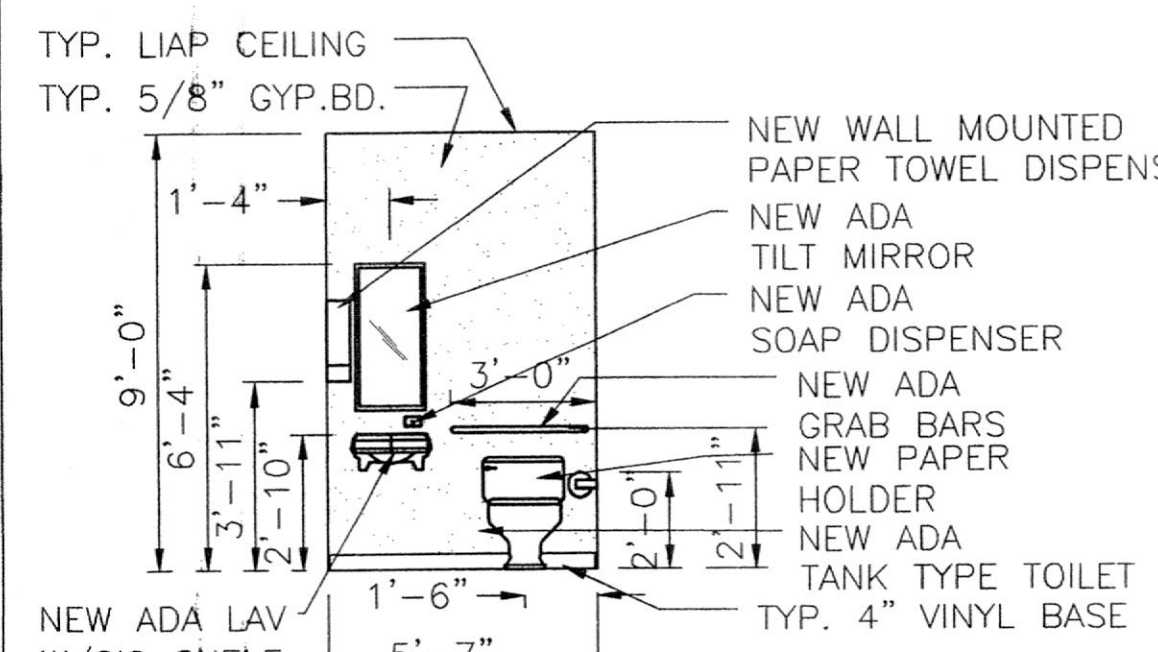
**FLOOR PLAN**

SHEET NO.:  
**A-1.0**

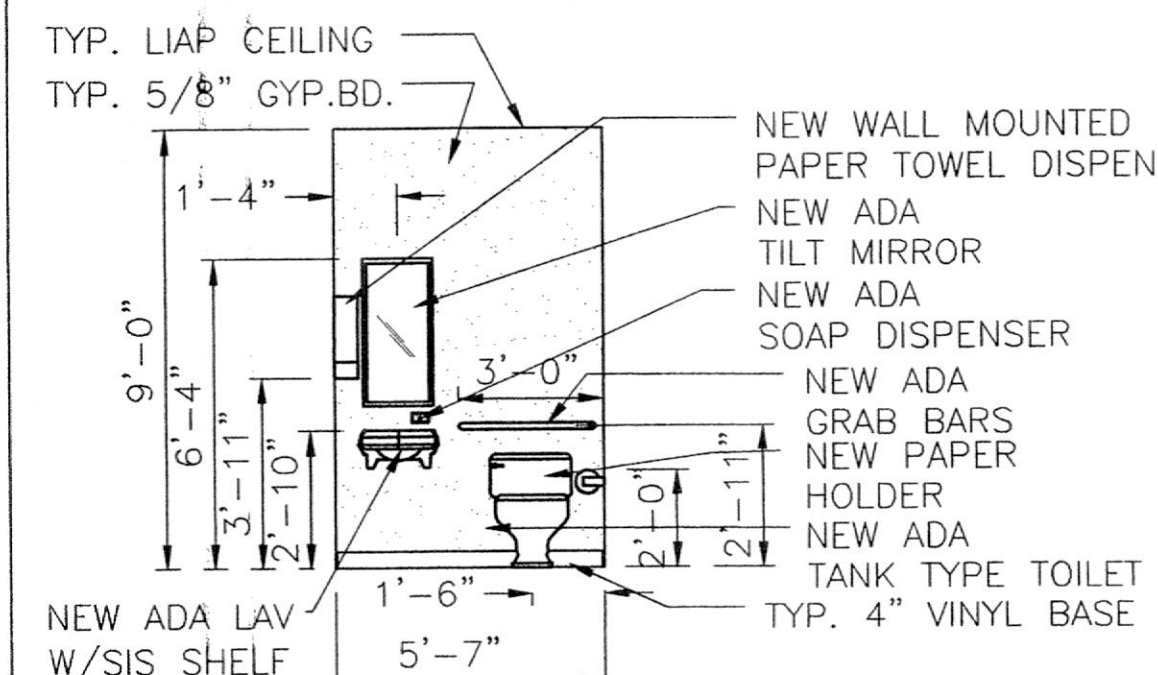




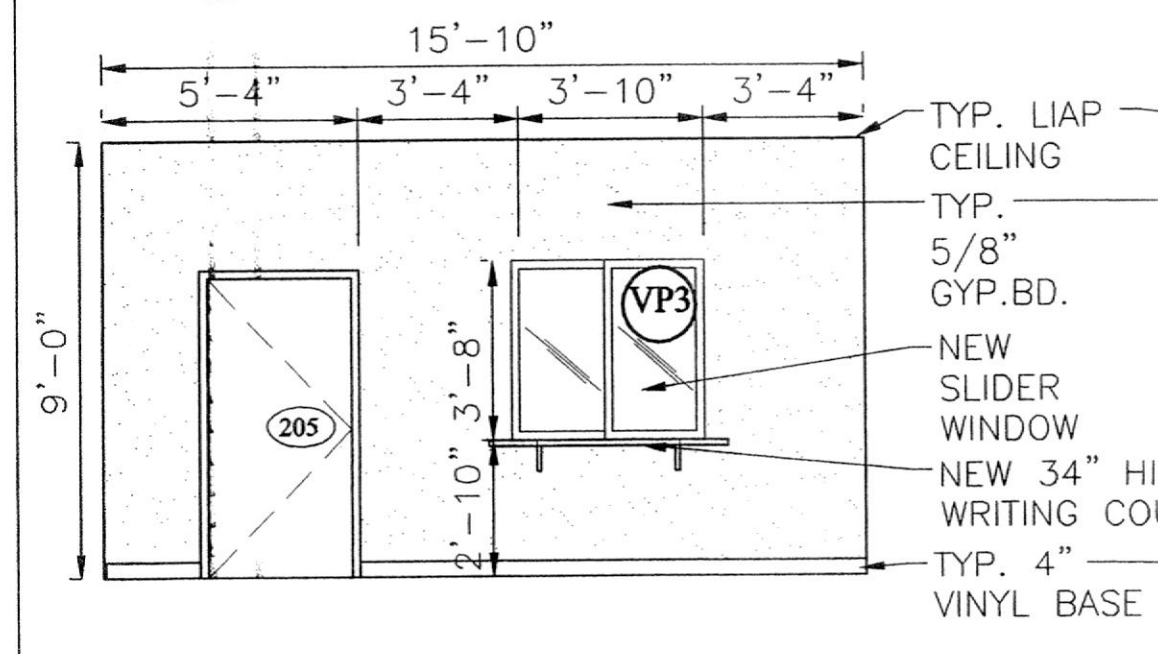
**1 PATIENT TOILET 201 PLAN**  
A1.0/A2.0 SCALE: 1/2" = 1'



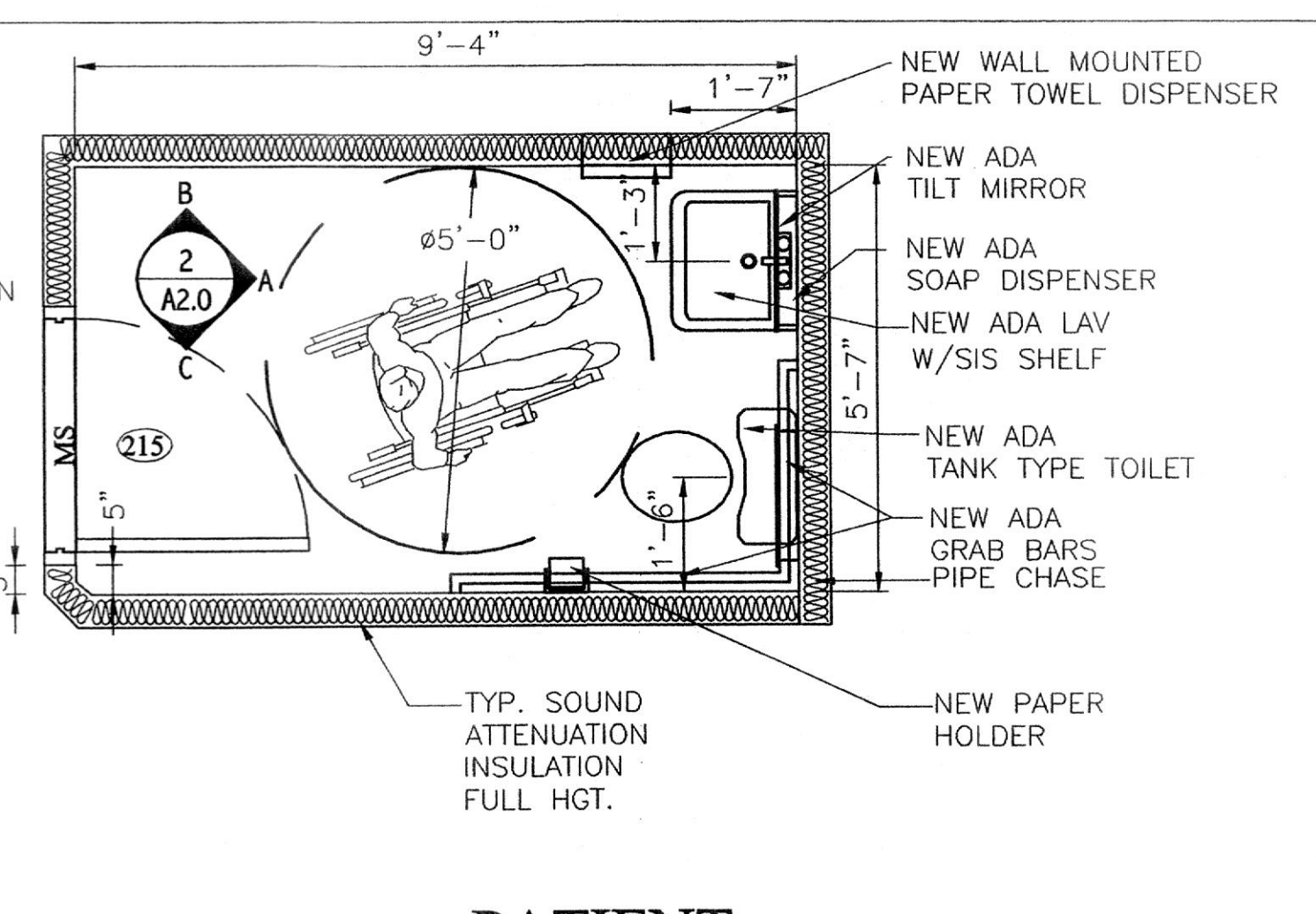
**1A PATIENT TOILET 201 ELEVATION**  
SCALE: 1/4" = 1'



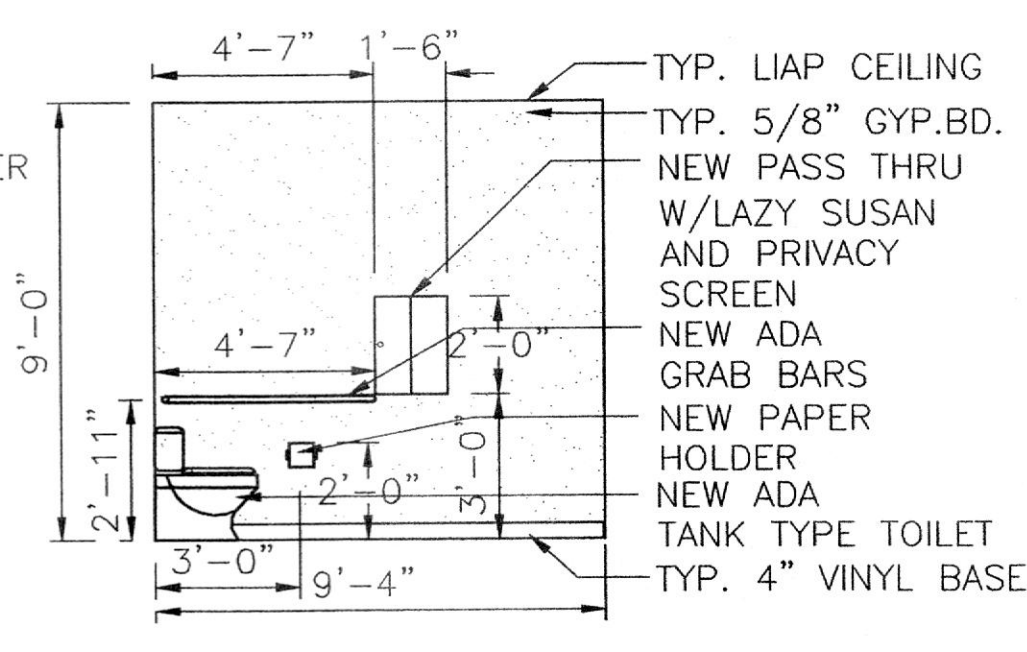
**2A PATIENT TOILET 215 ELEVATION**  
SCALE: 1/4" = 1'



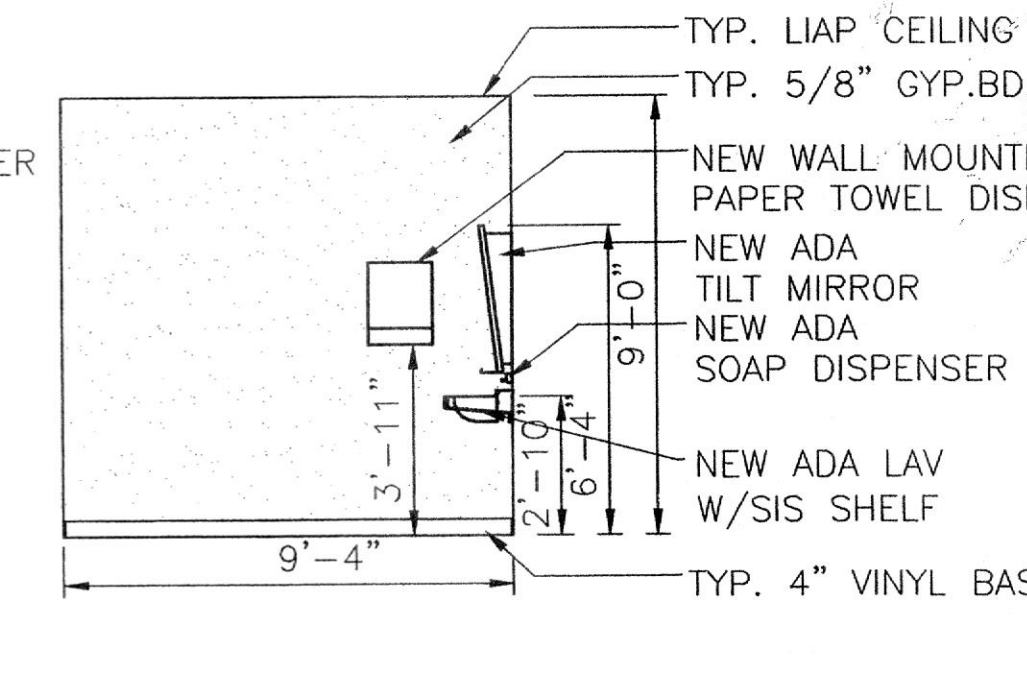
**3 WAITING ROOM 200 ELEVATION**  
A1.0/A2.0 SCALE: 1/4" = 1'



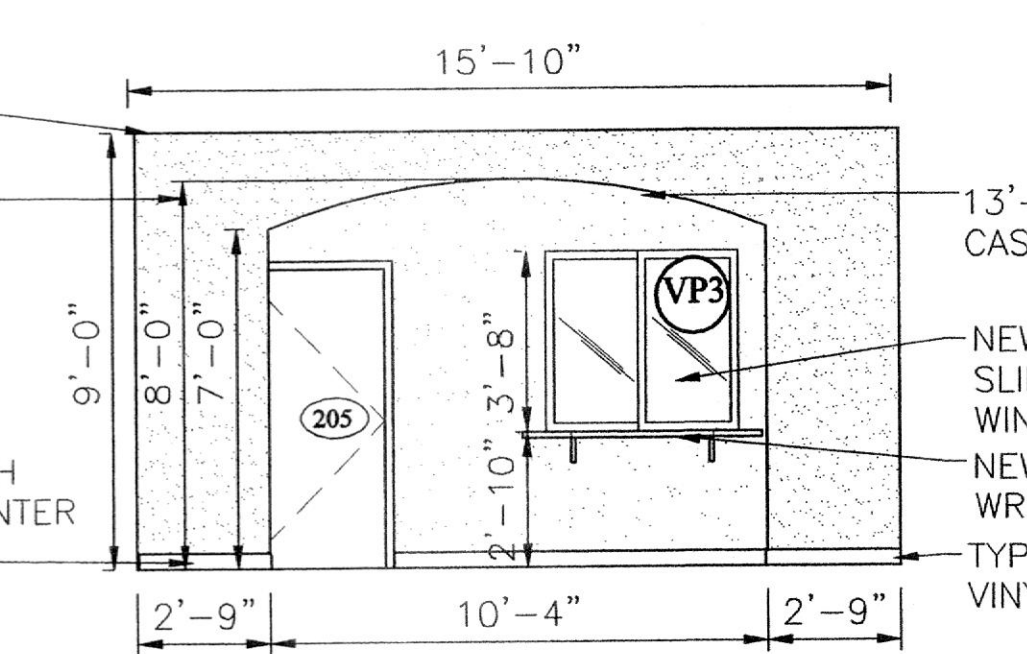
**2 PATIENT TOILET 215 PLAN**  
A1.0/A2.0 SCALE: 1/2" = 1'



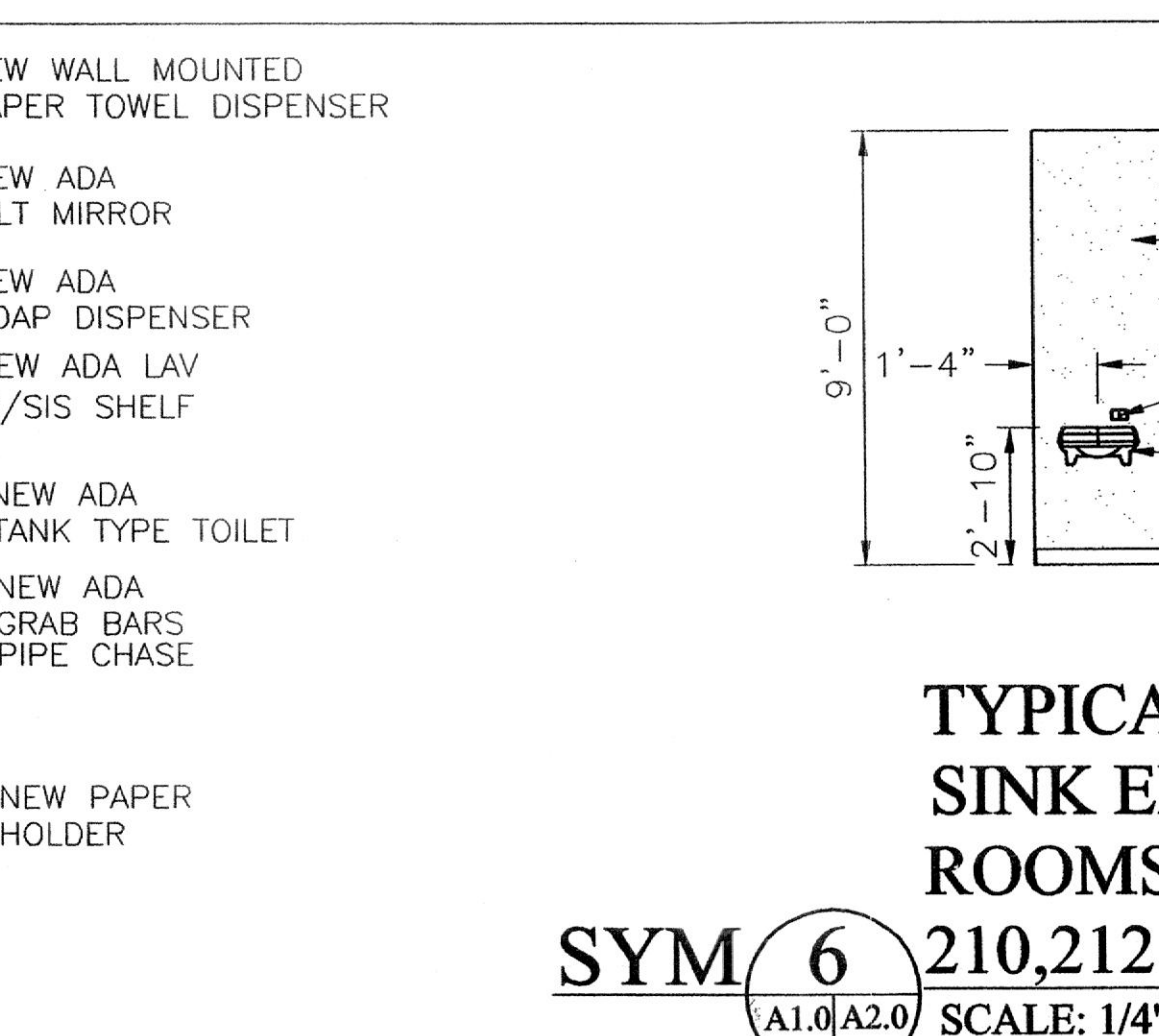
**1B PATIENT TOILET 201 ELEVATION**  
SCALE: 1/4" = 1'



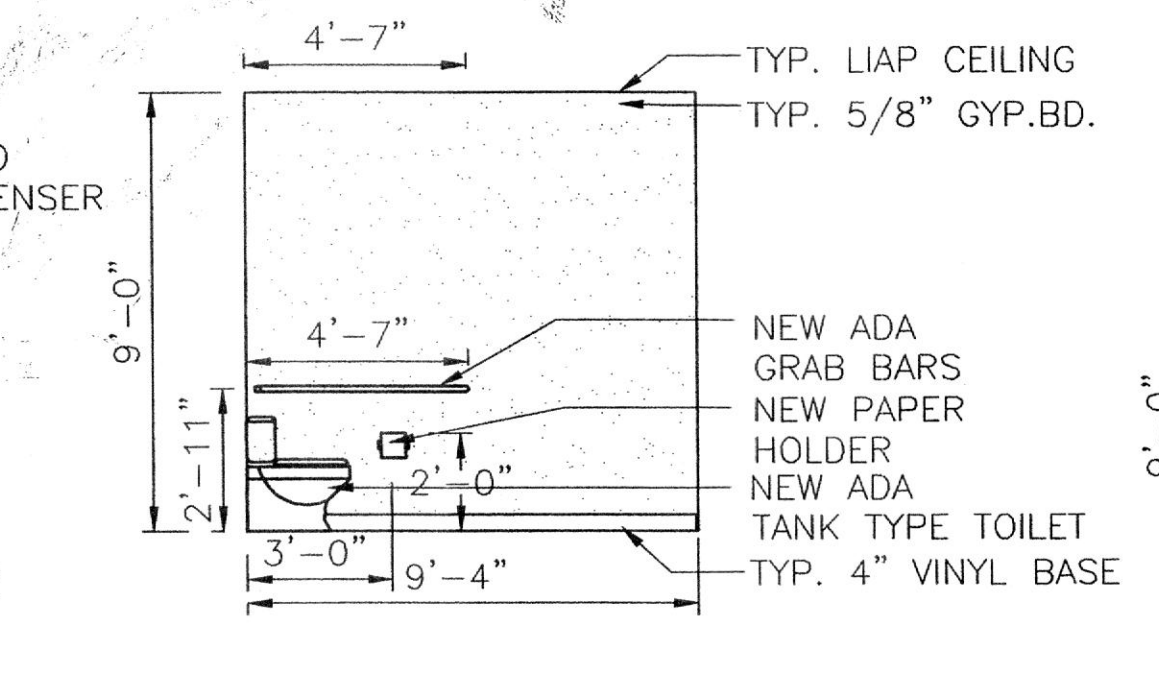
**2B PATIENT TOILET 215 ELEVATION**  
SCALE: 1/4" = 1'



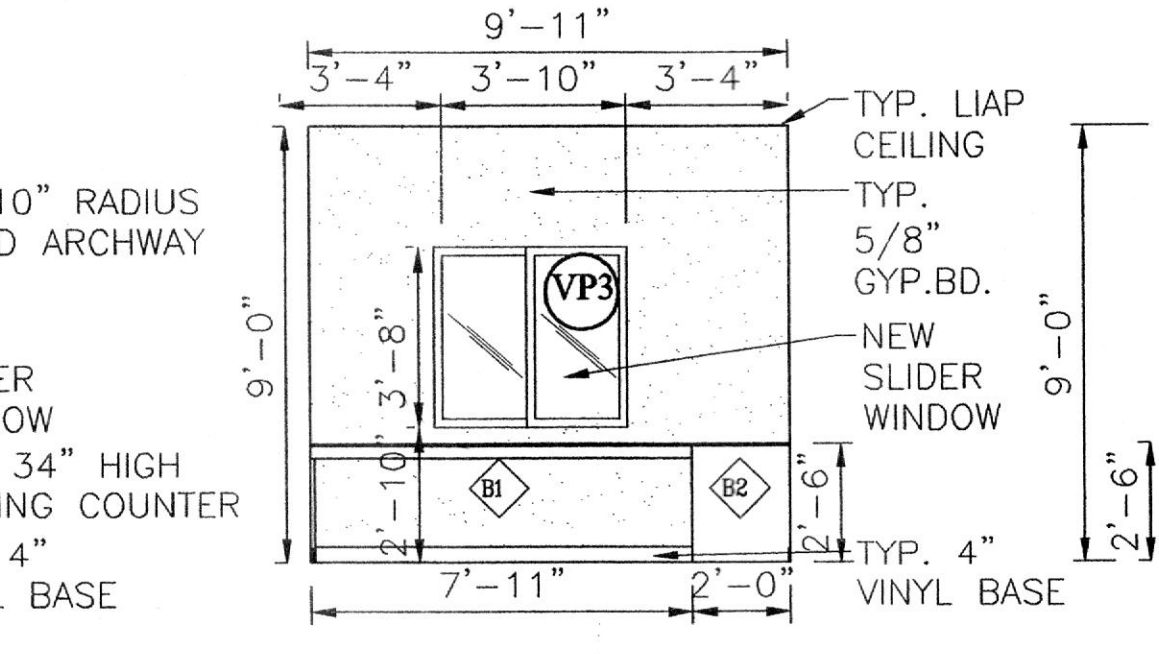
**4 WAITING ROOM 200 ELEVATION**  
A1.0/A2.0 SCALE: 1/4" = 1'



**1C PATIENT TOILET 201 ELEVATION**  
SCALE: 1/4" = 1'

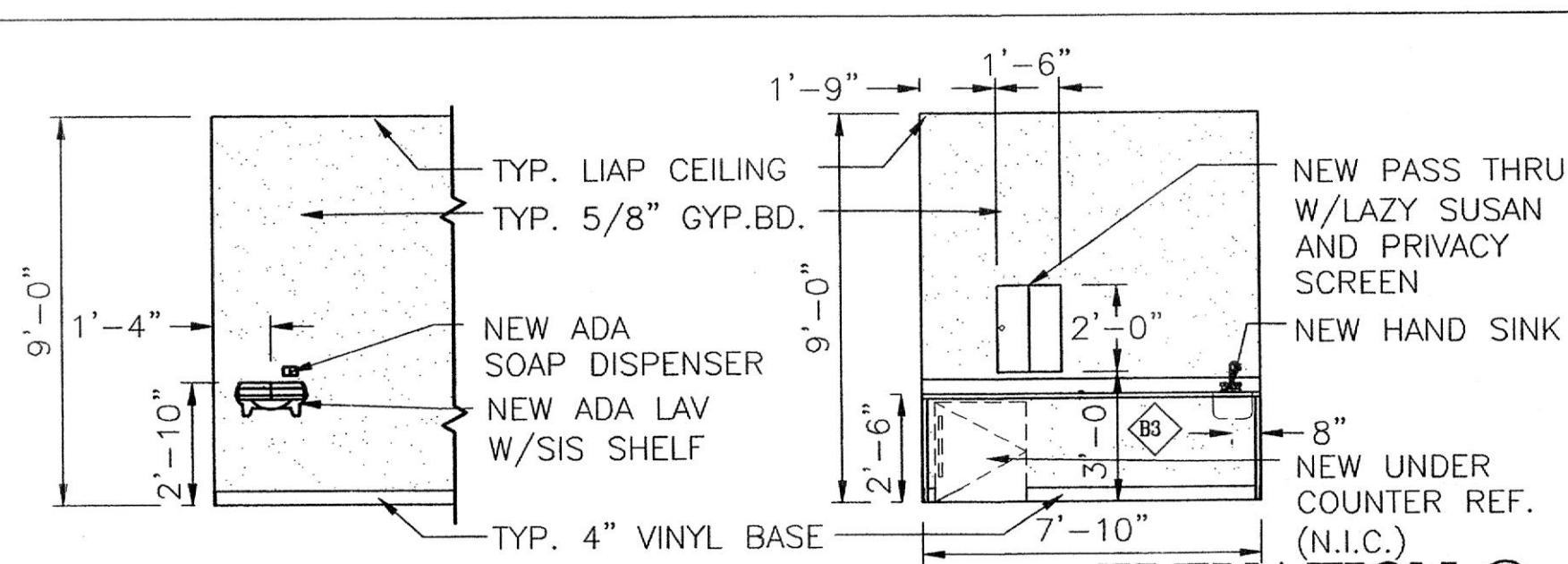


**2C PATIENT TOILET 215 ELEVATION**  
SCALE: 1/4" = 1'

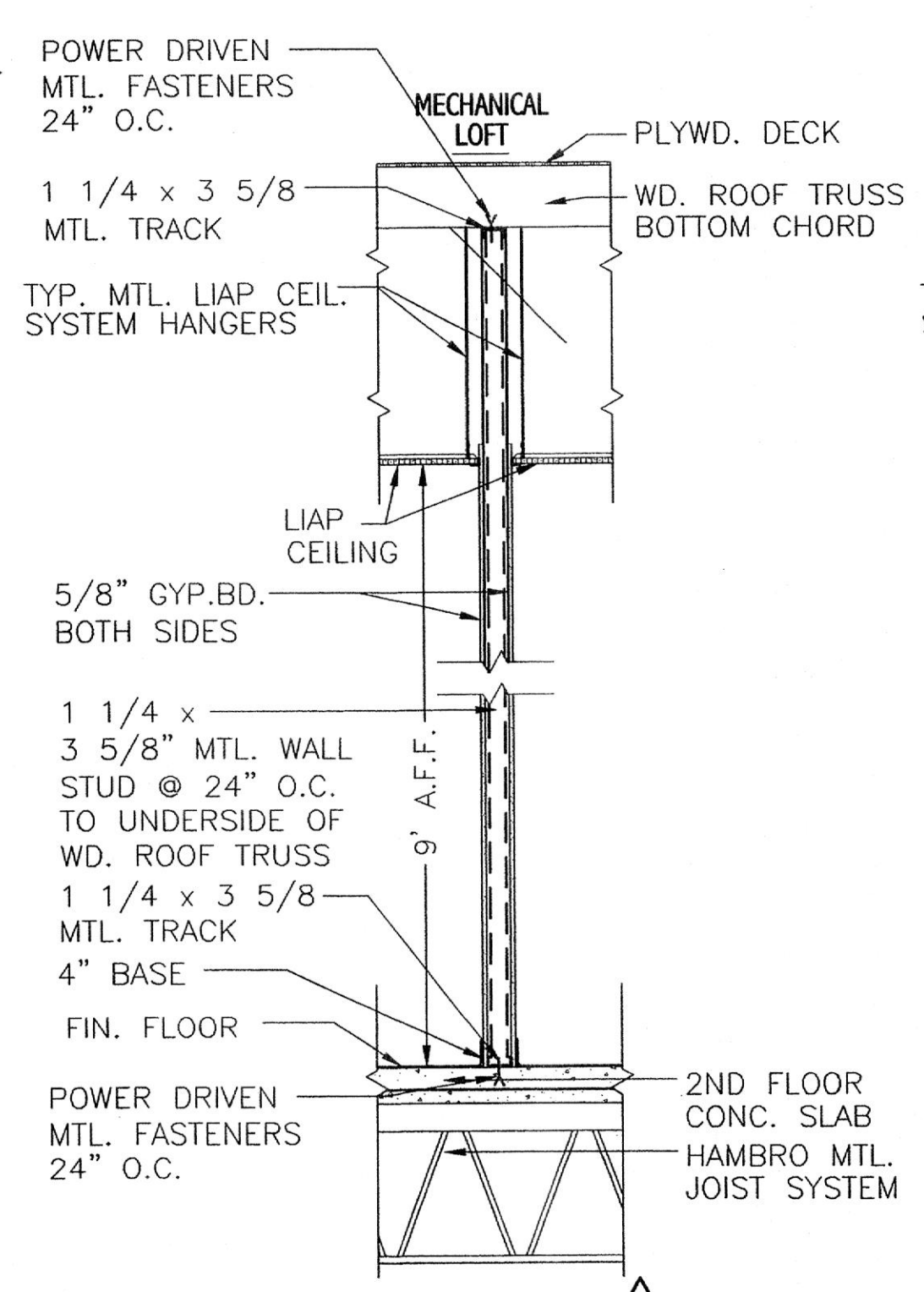


**5A RECEPTION/ADMINISTRATION ROOM 202 ELEVATION**  
A1.0/A2.0 SCALE: 1/4" = 1'

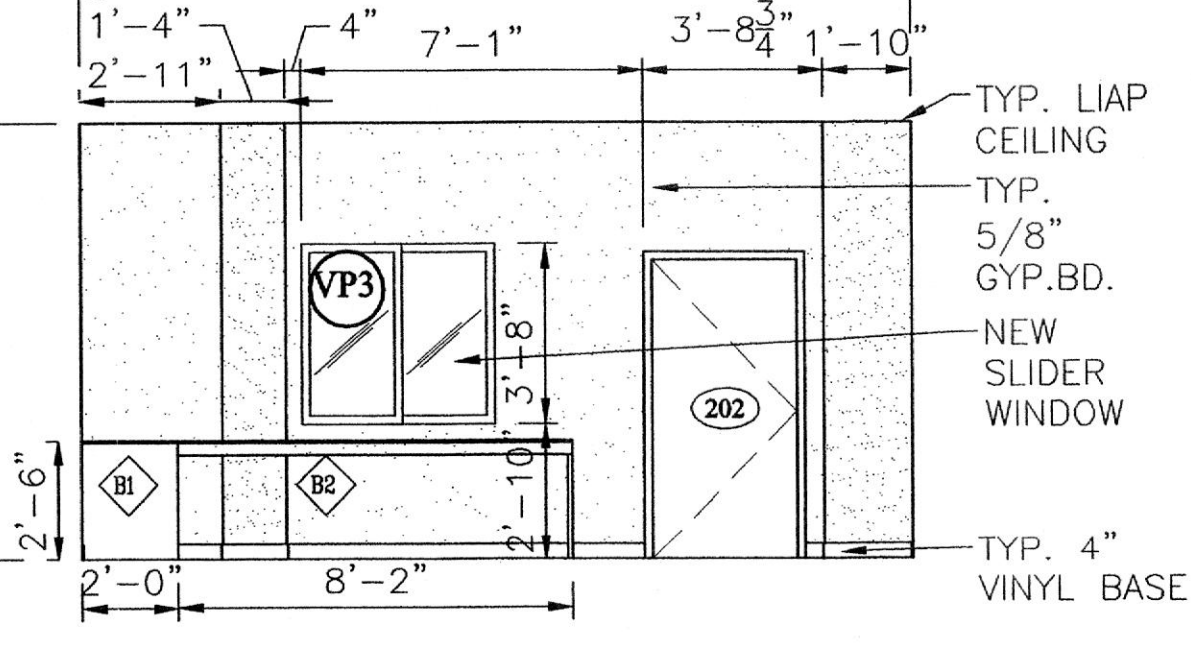
**TYPICAL HAND SINK ELEVATION ROOMS 204,207, 210,212 AND 213**  
SYM 6 A1.0/A2.0 SCALE: 1/4" = 1'



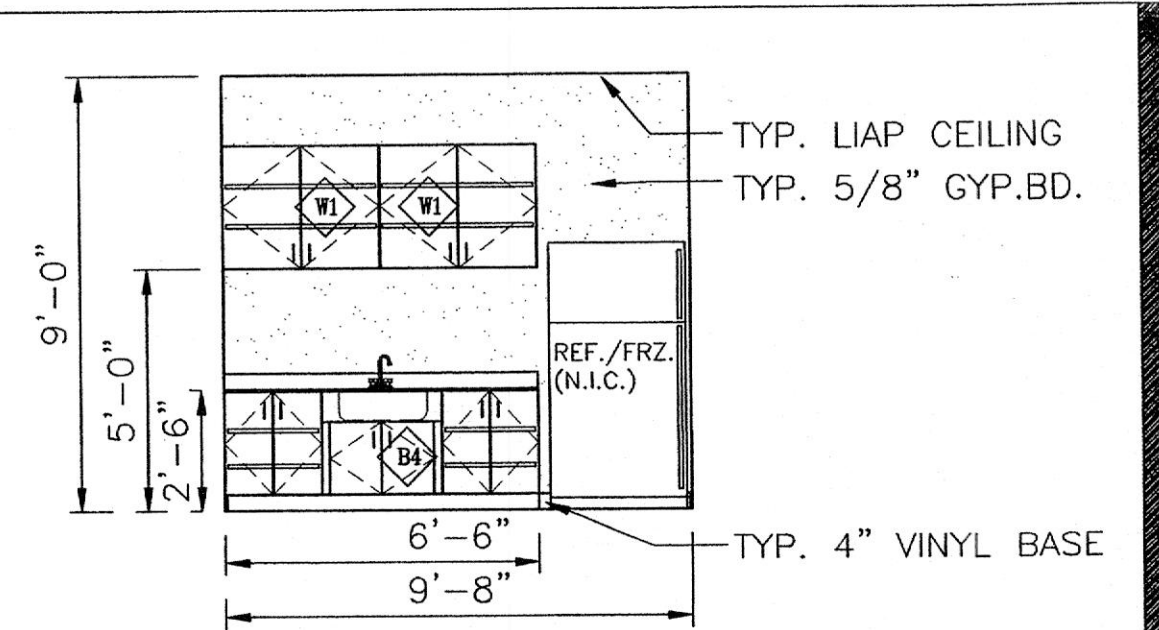
**7 LAB 206**  
A1.0/A2.0 SCALE: 1/4" = 1'



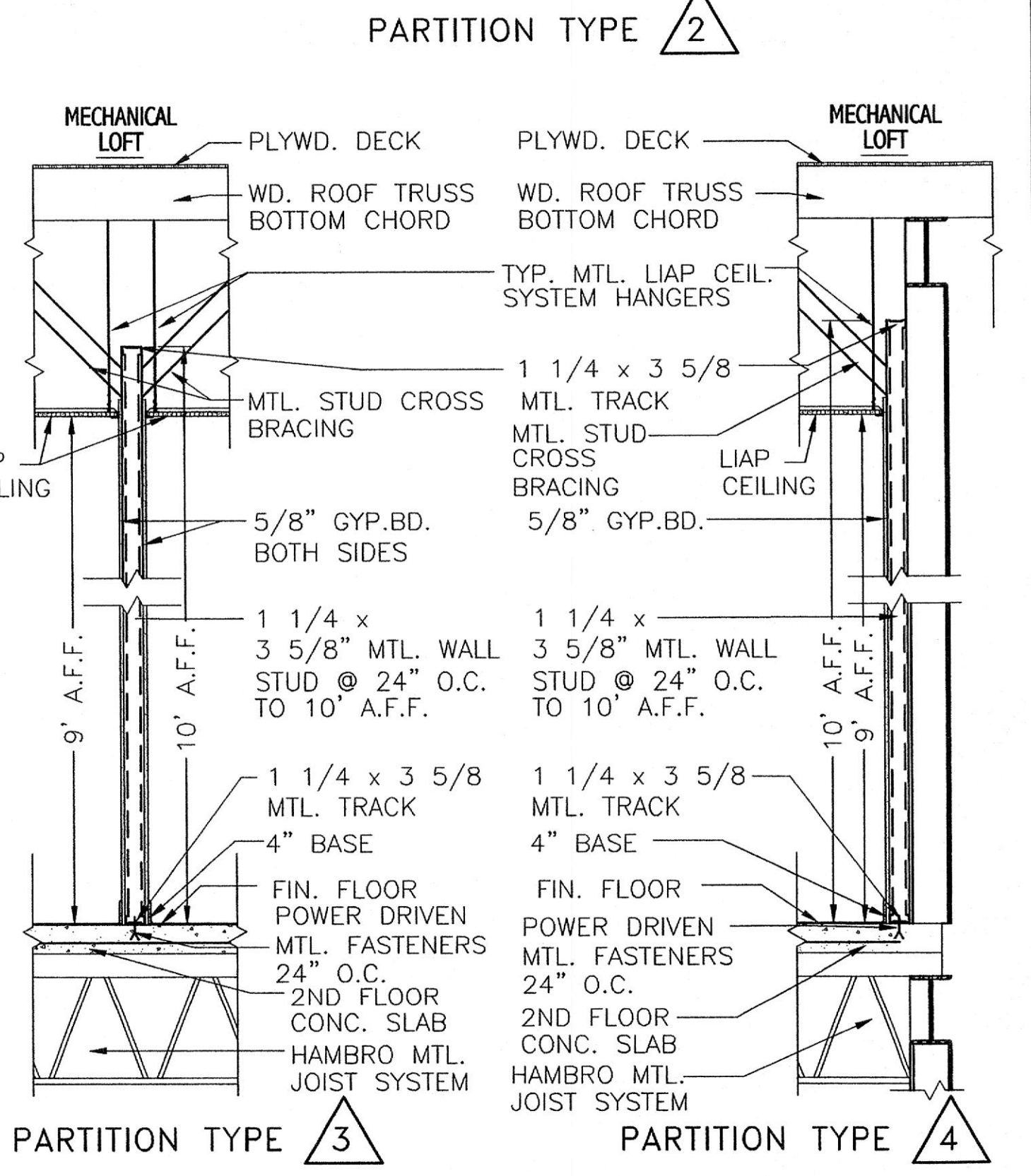
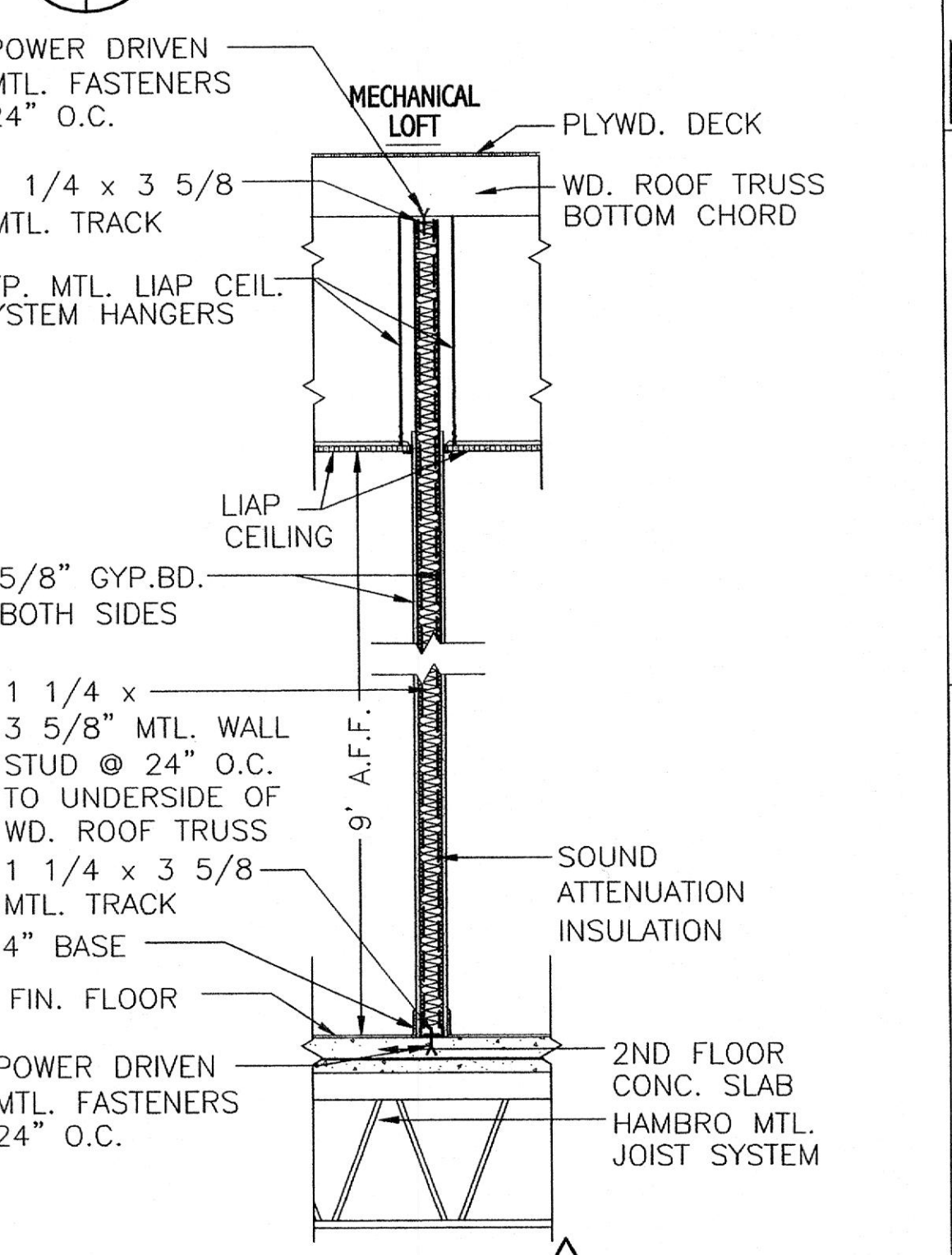
**9 OFFICE/EXAM ROOM 213**  
A1.0/A2.0 SCALE: 1/4" = 1'



**5B RECEPTION/ADMINISTRATION ROOM 202 ELEVATION**  
A1.0/A2.0 SCALE: 1/4" = 1'



**8 EMPLOYEE LOUNGE 217**  
A1.0/A2.0 SCALE: 1/4" = 1'



**PARTITION TYPES**

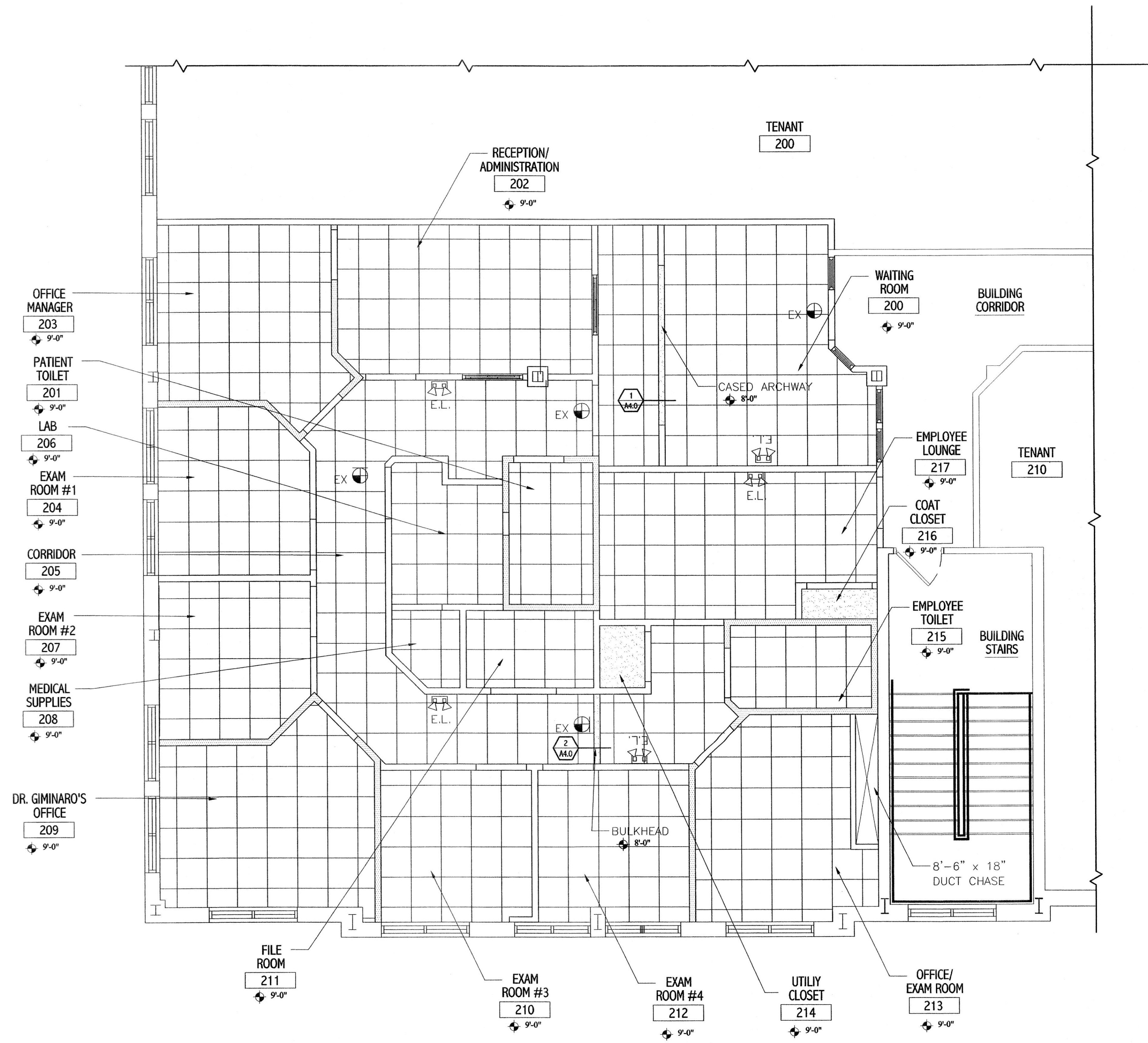


REVISIONS:	DATE
1 50% PERMIT SET	05-22-03
2 PERMIT SET	06-11-03

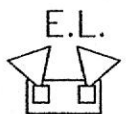

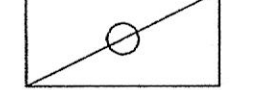
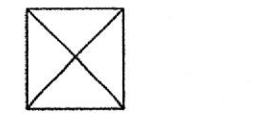
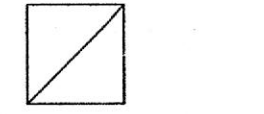
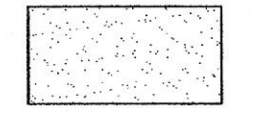
DRAWN BY:	A.R.H./A.S.C.
REVIEWED BY:	H.C.H.
PROJECT NO.:	03307
DATE:	05-02-03
SCALE:	AS SHOWN

DWG:  
REFLECTED  
CEILING PLAN

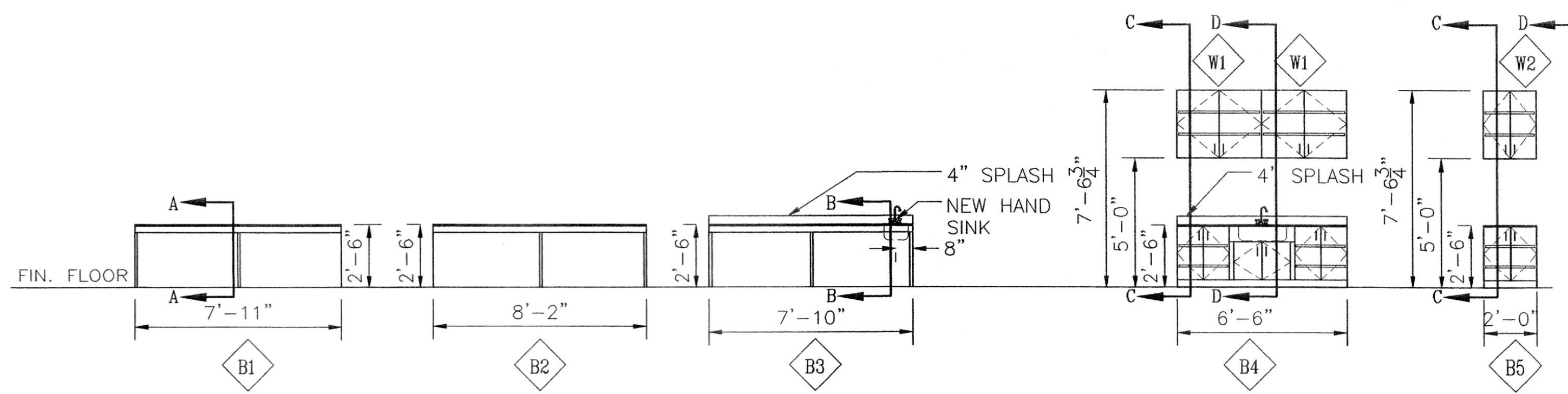
SHEET NO.:  
**A-3.0**



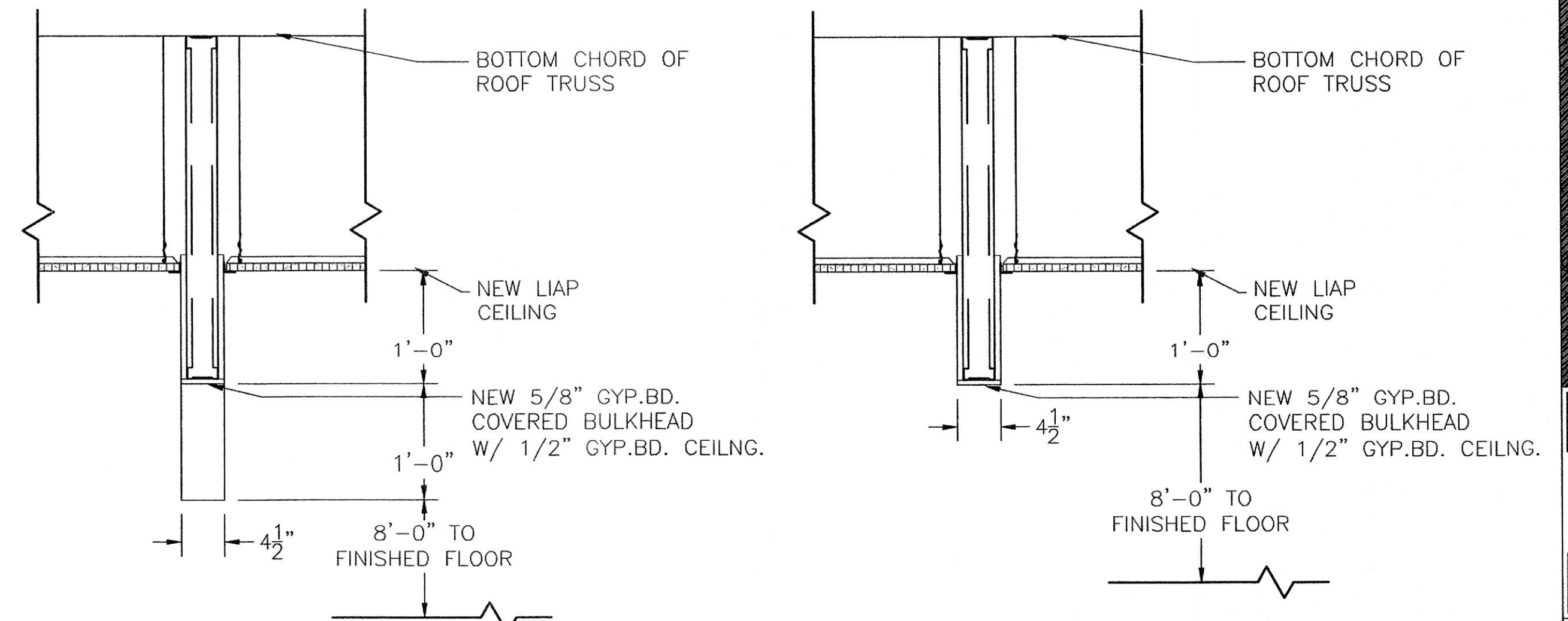
### SYMBOLS

-  EMERGENCY LIGHTING (SEE ELECT DWGS)
-  EXIT LIGHT (SEE ELECT DWGS)
-  TYPE "B" LIGHTING FIXTURE (SEE ELECT DWGS)
-  SUPPLY AIR DIFUSSER (SEE MECH DWGS)
-  RETURN AIR REGISTER (SEE MECH DWGS)
-  GYPSUM BOARD



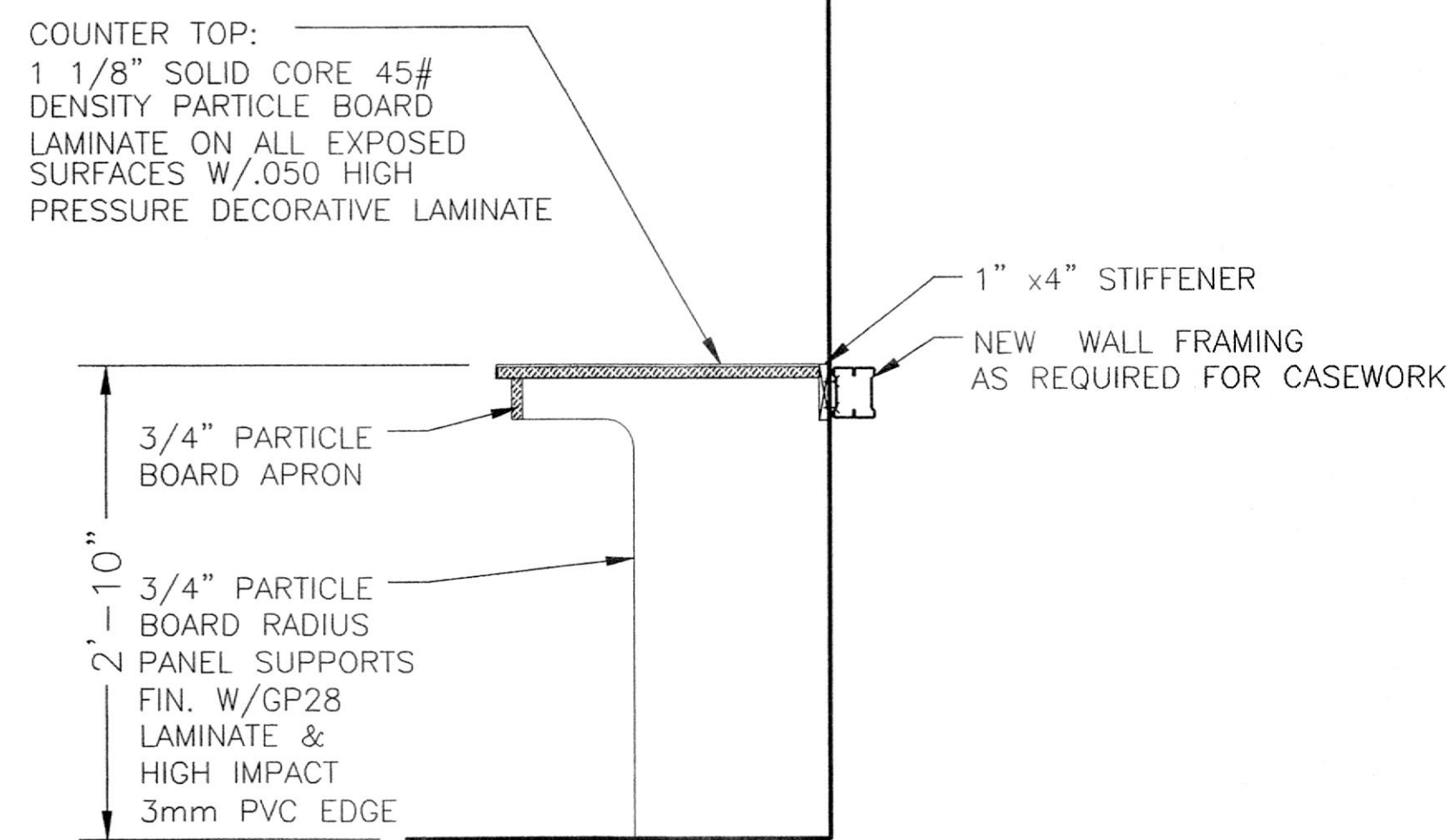


**CASEWORK SCHEDULE**  
1/4" = 1'-0"



**CASED ARCHWAY DETAIL**  
SCALE: 1" = 1'-0"

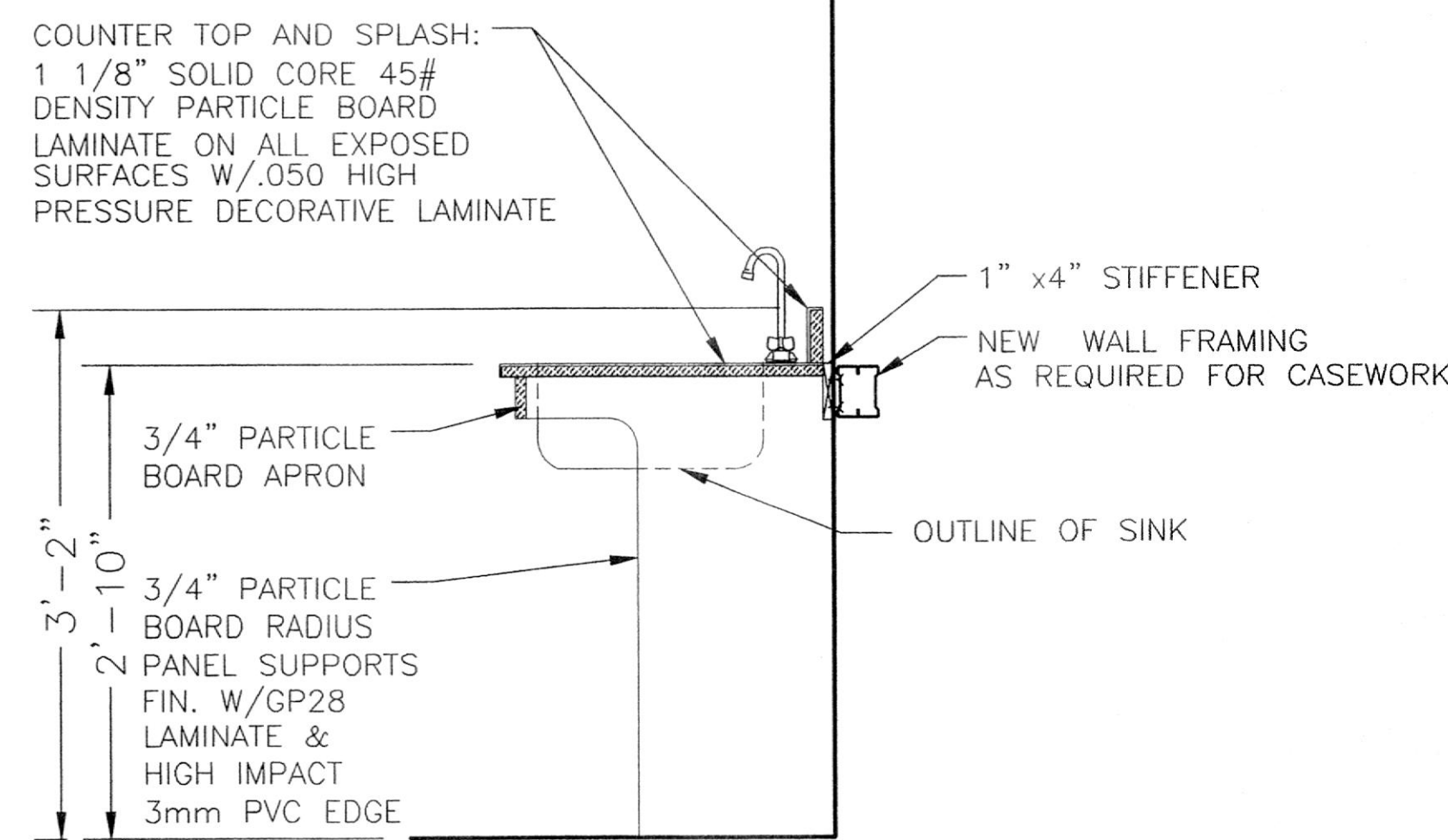
**BULKHEAD DETAIL**  
SCALE: 1" = 1'-0"



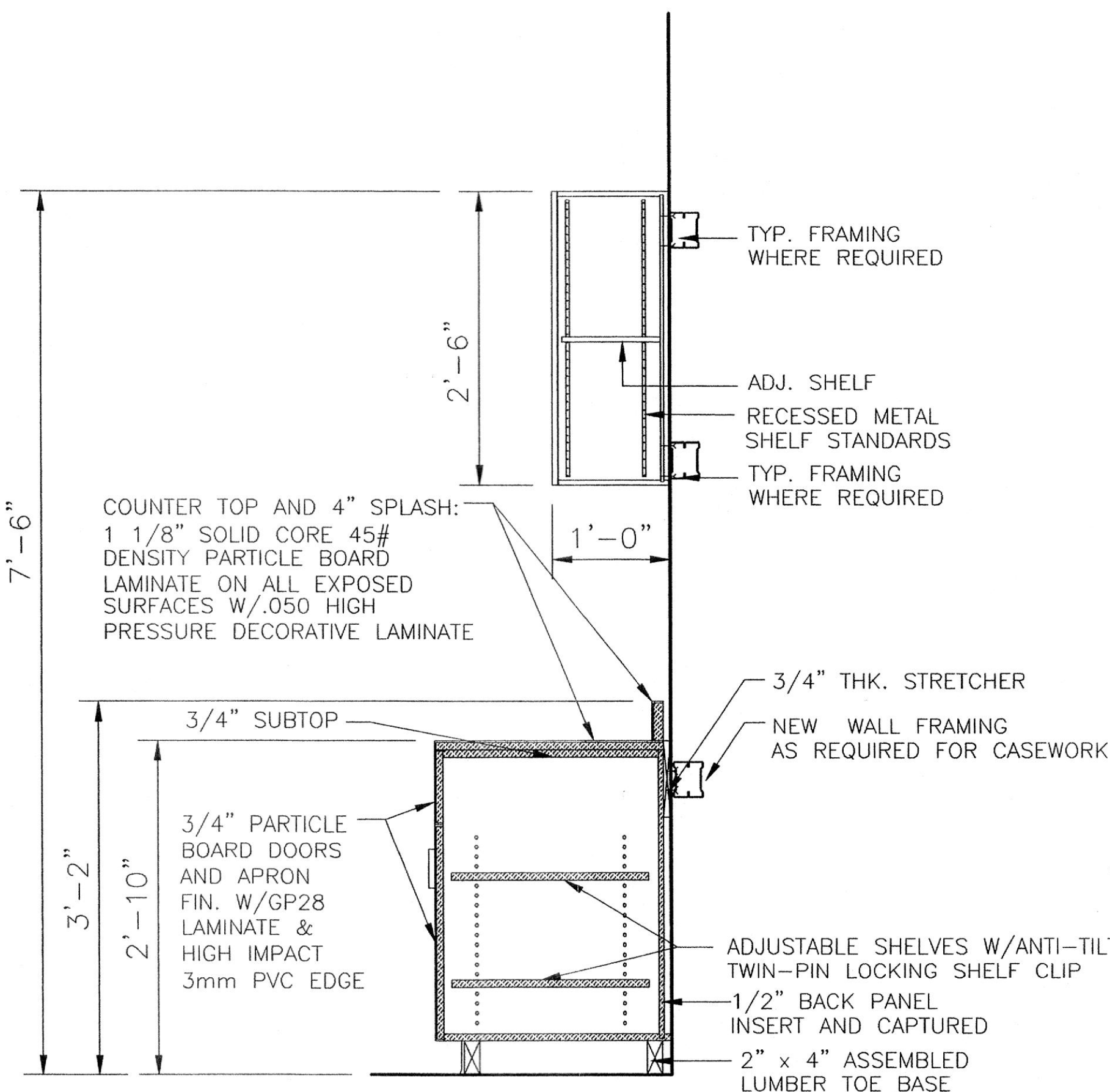
**SECTION A-A THRU TYPICAL WORK COUNTER**  
1" = 1'-0"

**GENERAL NOTES:**

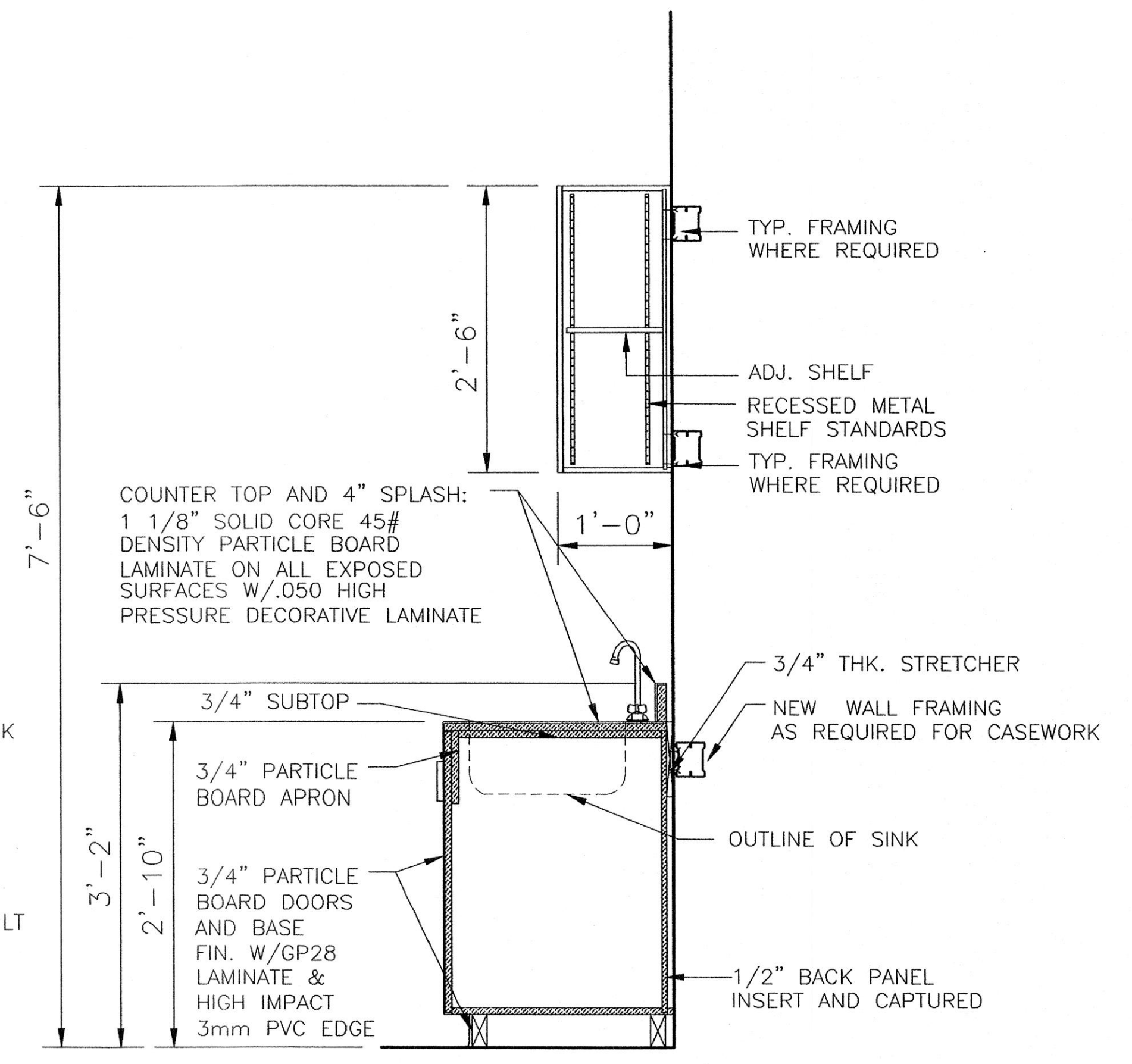
- A. GENERAL CASEWORK
- SEE SPECIFICATION SECTION 12320 MODULAR LAMINATE CASEWORK.
  - SEE PARTIAL FLOOR PLAN DWG. A-1.0; INTERIOR ELEVATIONS DWG. 2.0; AND CASEWORK ELEVATIONS DWG. 4.1.



**SECTION B-B THRU TYPICAL COUNTER**  
1" = 1'-0"



**SECTION C-C THRU TYPICAL CASEWORK**  
1" = 1'-0"



**SECTION D-D THRU TYPICAL CASEWORK**  
1" = 1'-0"



**ARCHITECTURAL**  
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**CASEWORK SCHEDULE AND DETAILS**

SUITE 208  
**DR. GIMNARO @**  
ATWOOD PROFESSIONAL  
OFFICE CENTER  
ATWOOD ROAD  
TOWN OF BEL AIR, MD  
ATWOOD DEVELOPMENT, L.L.C.

NO.	DATE	DESCRIPTION
1	05-22-03	50% PERMIT SET
2	06-11-03	PERMIT SET

REVISIONS:  
DRAWN BY: A.R.H./A.S.C.  
REVIEWED BY: H.C.H.  
PROJECT NO.: 03307  
DATE: 05-02-03  
SCALE: AS SHOWN

DWG: CASEWORK SCHEDULE AND DETAILS  
SHEET NO.: **A-4.0**



DOOR SCHEDULE												
DOOR NO.	TYPE	DOOR SIZE	CORE	FRAME ELEV.	HEAD DETAIL	JAMB DETAIL	FRAME DEPTH	HARDWARE SET NO.	UNDERCUT/LOUVER FREE AREA	NOTES	FIRE RATING	REMARKS
200	A	3'-0"x7'-0"x1 3/4"	GL	F-3	H-1	J-2	5 7/8"	HW-2			1,2,3	
201	B	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-3	3/4"		1,2,3	
202	C	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-1			1,2,3	
202A	C	3'-0"x7'-0"x1 3/4"	HCW	F-1	H-1	J-1	5 7/8"	HW-1			1,2,3	
203	B	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-1			1,2,3	
204	C	3'-0"x7'-0"x1 3/4"	HCW	F-1	H-1	J-1	5 7/8"	HW-4			1,2,3	
205	C	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-4			1,2,3	
206	B	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-1	3/4"		1,2,3	
207	C	3'-0"x7'-0"x1 3/4"	HCW	F-1	H-1	J-1	5 7/8"	HW-4			1,2,3	
208	B	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-2	3/4"		1,2,3	
209	B	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-1			1,2,3	
210	C	3'-0"x7'-0"x1 3/4"	HCW	F-1	H-1	J-1	5 7/8"	HW-4			1,2,3	
211	D	(2) 3'-0"x7'-0"x1 3/4"	SCW	F-2	H-1	J-1	5 7/8"	HW-5	3/4"		1,2,3	
212	C	3'-0"x7'-0"x1 3/4"	HCW	F-1	H-1	J-1	5 7/8"	HW-4			1,2,3	
213	B	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-1			1,2,3	
214	C	3'-0"x7'-0"x1 3/4"	HCW	F-1	H-1	J-1	5 7/8"	HW-4	3/4"		1,2,3	
215	B	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-3	3/4"		1,2,3	
216	E	(2) 3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-6	3/4"		1,2,3	
217	C	3'-0"x7'-0"x1 3/4"	HCW	F-1	H-1	J-1	5 7/8"	HW-4			1,2,3	
217A	A	3'-0"x7'-0"x1 3/4"	SCW	F-1	H-1	J-1	5 7/8"	HW-2			1,2,3	

**HARDWARE SCHEDULE**

**HARDWARE SET: HW-1**  
 HINGES: 1 1/2 PAIRS (4 1/2" x 4 1/2") - FBB-1279 HAGER OR EQUAL; DOOR 200C NRP  
 LEVER HANDLE BORED CYLINDRICAL LOCK SET - F-81; RUSSWIN/CORBIN CL 3600 SERIES OR EQUAL  
 DOOR CLOSER - LCN 4000 SERIES OR EQUAL; SERIES OR EQUAL

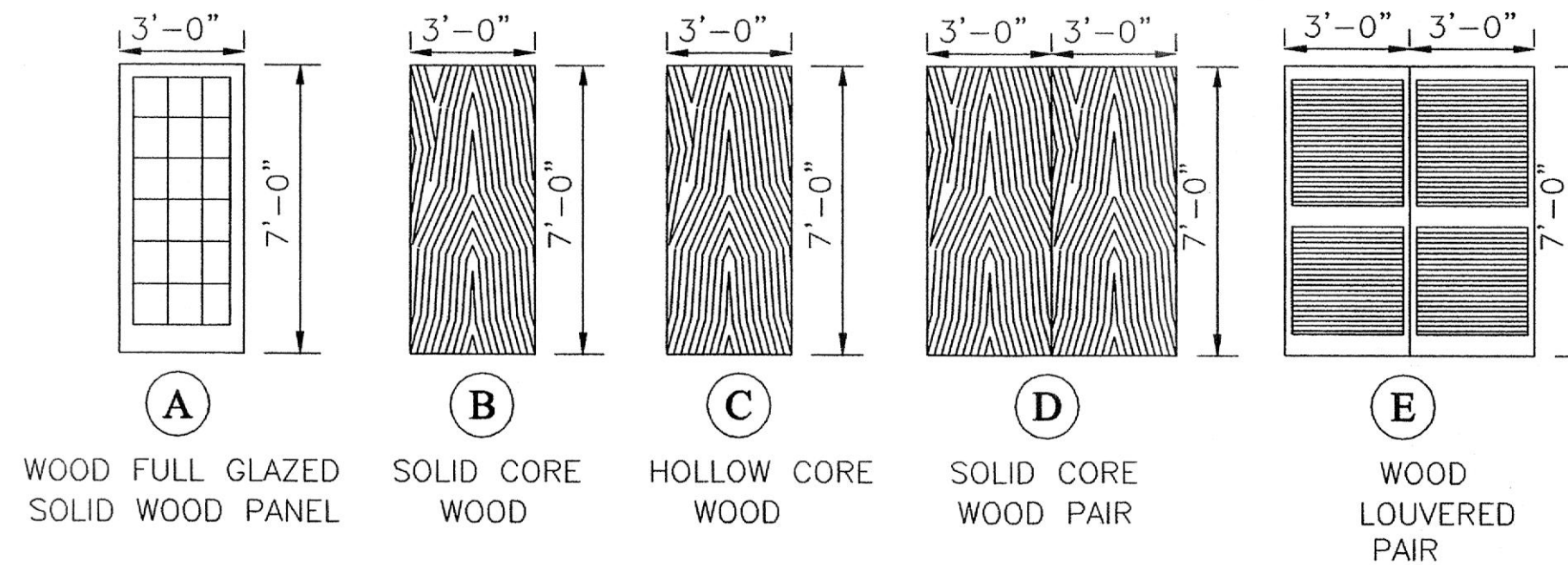
**HARDWARE SET: HW-2**  
 HINGES: 1 1/2 PAIRS (4 1/2" x 4 1/2") -FBB-1279 HAGER OR EQUAL  
 LEVER HANDLE MORTISE LOCK SET-F-04  
 RUSSWIN/CORBIN ML-2200 SERIES OR EQUAL  
 DOOR CLOSER - LCN 4000 SERIES OR EQUAL

**HARDWARE SET: HW-3**  
 HINGES: 1 1/2 PAIRS (4 1/2" x 4 1/2") FBB 1279 HAGER OR EQUAL  
 LEVER HANDLE PRIVACY SET BORED CYL. LOCKSET F-76  
 RUSSWIN/CORBIN CL-3600 SERIES OR EQUAL  
 DOOR CLOSER - LCN 4000 SERIES OR EQUAL  
 MOP PLATES EA. SIDE 6" x 34" x 0.05"  
 STAINLESS STEEL US 32D

**HARDWARE SET: HW-4**  
 HINGES: 1 1/2 PAIRS (4 1/2" x 4 1/2") FBB-1279 HAGER OR EQUAL  
 LEVER HANDLE BORED PASSAGE SET-F-75  
 RUSSWIN/CORBIN ML-2200 SERIES OR EQUAL  
 DOOR CLOSER - LCN 4040 SERIES HEAVY DUTY OR EQUAL  
 DOOR GASKETS - PERIMETER ADJUSTABLE -POSITIVE PRESSURE PEMKO 379 CPK

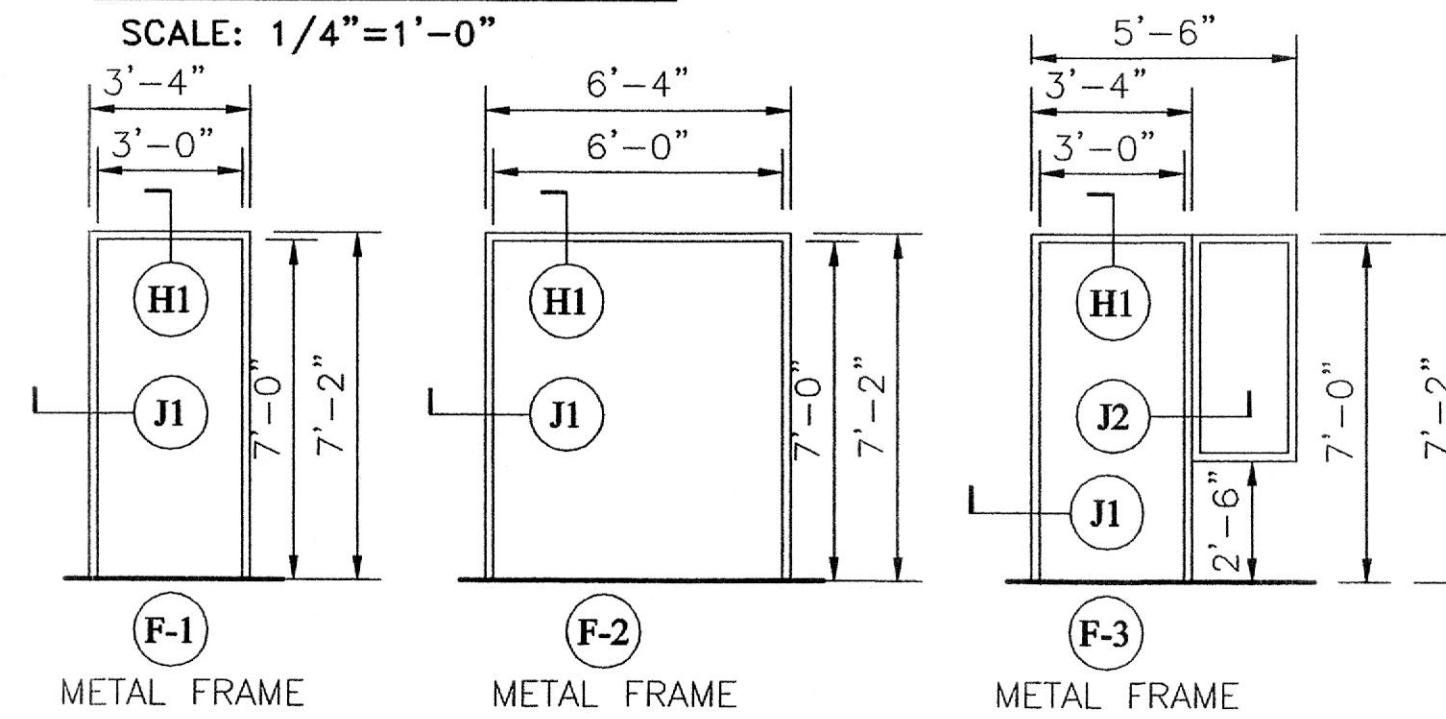
**HARDWARE SET: HW-5**  
 HINGES: 3 PAIR 4 x 4 1/2 FBB-1279 NRP HAGER OR EQUAL  
 LEVER HANDLE ACTIVE LEAF MORTISE LOCK SET F-04  
 RUSSWIN/CORBIN ML-2200 SERIES OR EQUAL  
 LEVER HANDLE FULL DUMMY INACTIVE LEAF  
 CONCEALED HEAD AND FOOT FLUSH BOLTS  
 INACTIVE LEAF-283D HAGAR OR EQUAL

**HARDWARE SET: HW-6**  
 HINGES: 3 PAIR 4 x 4 1/2 FBB-1279 HAGAR OR EQUAL  
 LEVER HANDLE ACTIVE LEAF RUSSWIN/CORBIN CL 3680 OR EQUAL  
 LEVER HANDLE INACTIVE LEAF HALF DUMMY  
 RUSSWIN/CORBIN CL 3650 OR EQUAL  
 CONCEALED HEAD AND FOOT FLUSH BOLTS  
 INACTIVE LEAF-283D HAGAR OR EQUAL



**DOOR TYPES**

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



**FRAME TYPES**

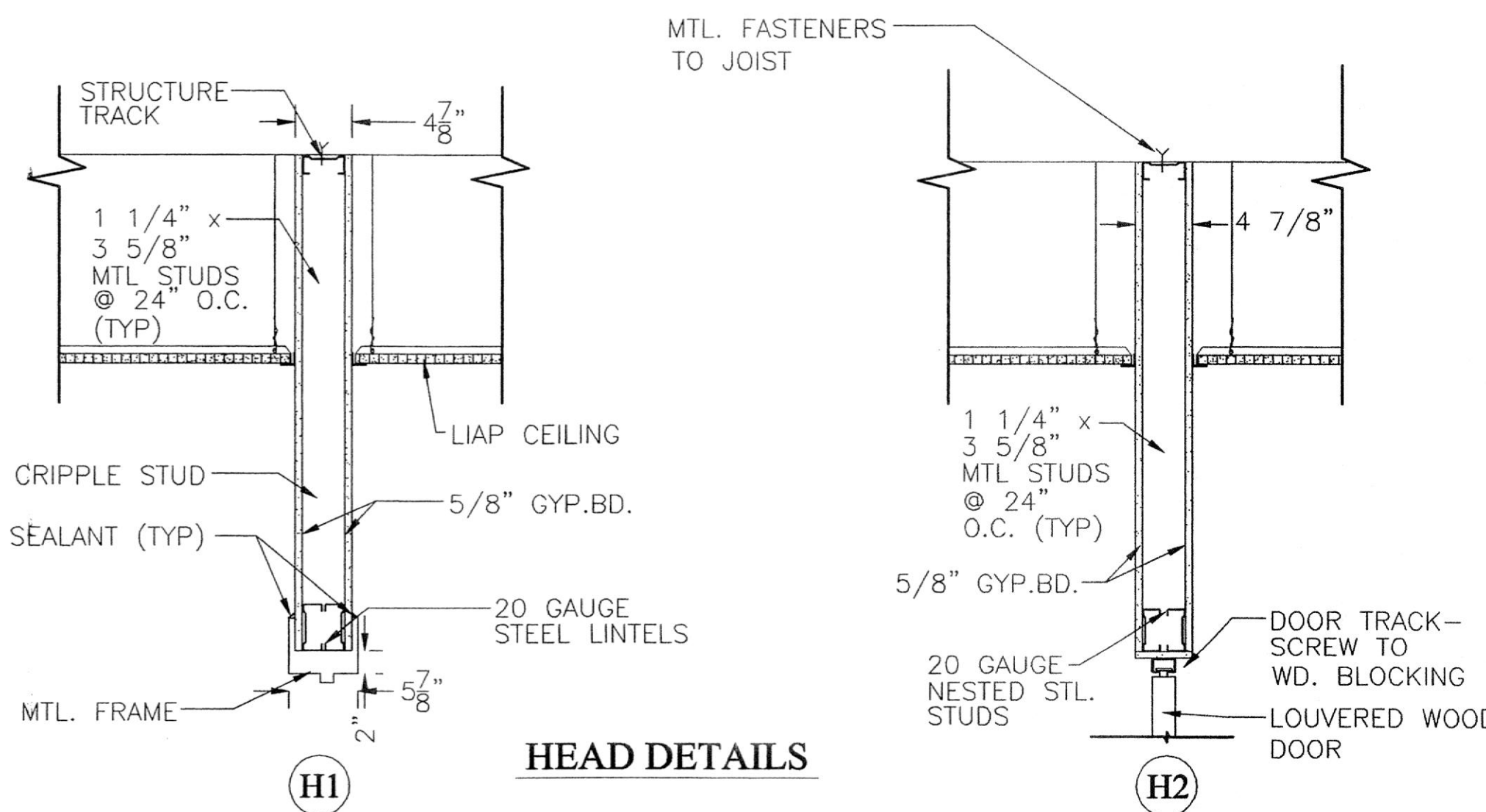
SCALE: 1/4"=1'-0"

**NOTES:**

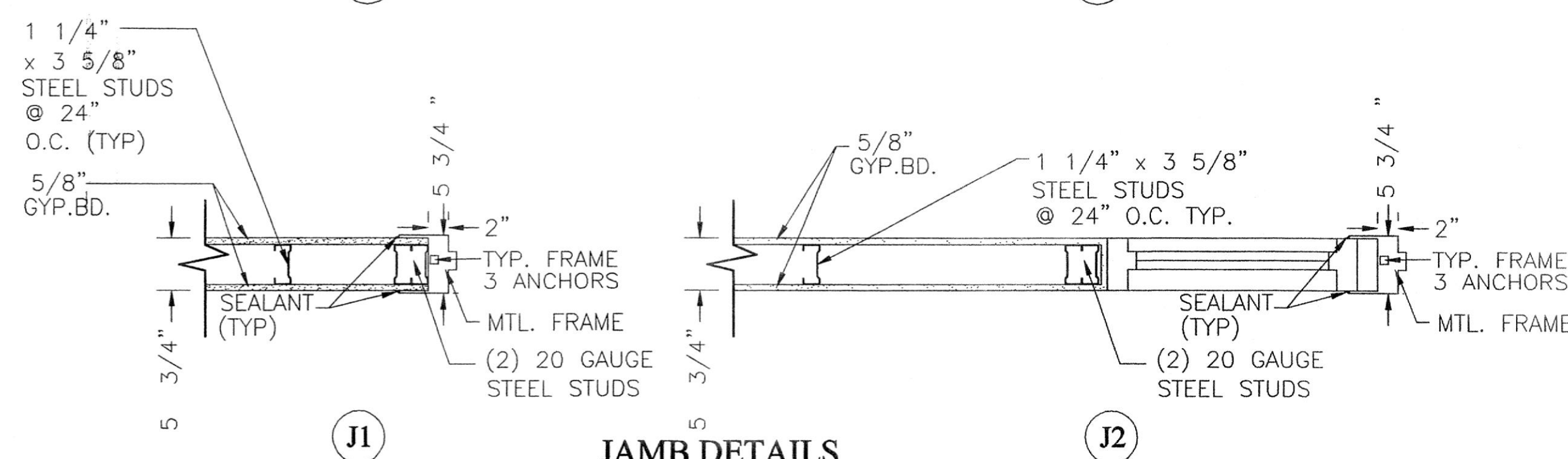
- FOR HARDWARE SETS SEE DOOR SCHEDULE THIS SHEET.
- MASTER KEY REMOVABLE CYLINDER TO OWNER'S MASTER SUBMASTER KEY SYSTEM.
- DOOR FRAME DEPTH BASED ON WALL DEPTH TO BE VERIFIED BY CONTRACTOR PRIOR TO ORDERING.

**ABBREVIATIONS**

- GL FULL GLAZED, SOLID WOOD PANEL
- HCW HOLLOW CORE WOOD
- SCW SOLID CORE WOOD



**HEAD DETAILS**

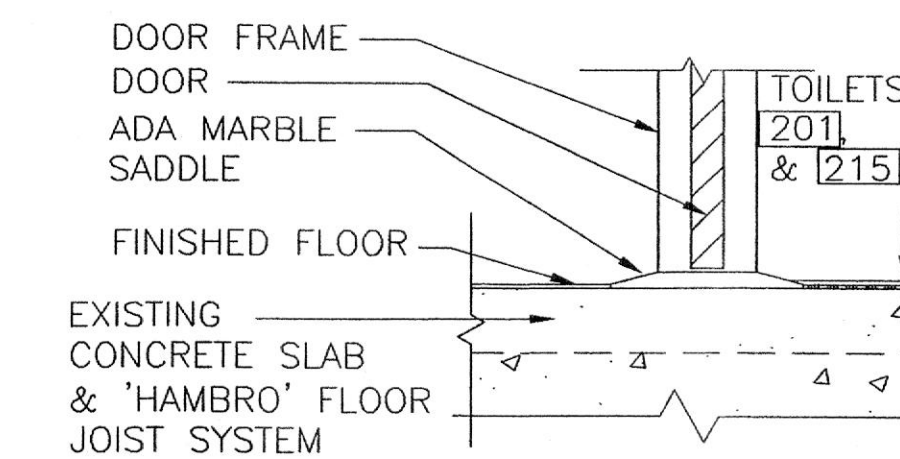


**JAMB DETAILS**

**DOOR DETAILS**

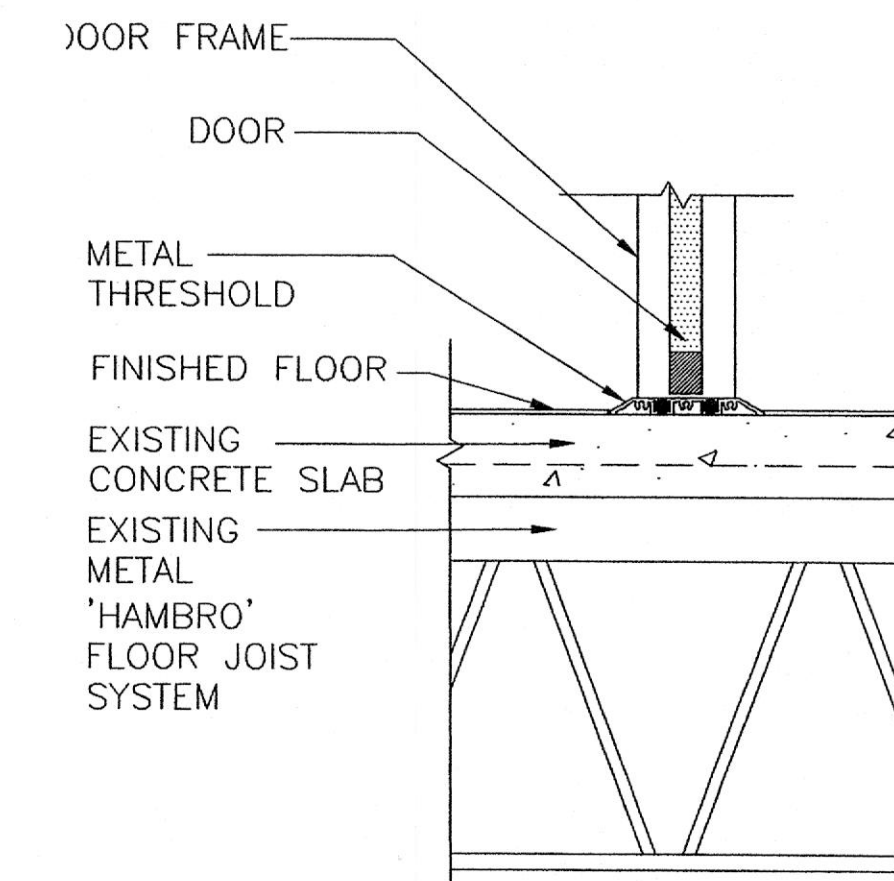
SCALE 1"=1'

VINYL COMPOSITION FLOOR TILE OVER 3/8" PLYWOOD EXP 1 EXTERIOR SUBSTRATE OVER LIQUID RUBBER W/FABRIC WATERPROOF MEMBRANE OVER CONCRETE



**MS MARBLE SADDLE**

SCALE 1"=1'



**MT TYP. METAL THRESHOLD @ LEAD TYPE DOOR & FLOOR**  
 SCALE 1"=1'

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**DOOR SCHEDULE**

SUITE 208  
 DR. GIMINARO @  
 ATWOOD PROFESSIONAL  
 OFFICE CENTER  
 ATWOOD ROAD  
 TOWN OF BEL AIR  
 HARBOR COUNTY, MARYLAND

NO.	DATE	DESCRIPTION
1	05-22-03	50% PERMIT SET
2	06-11-03	PERMIT SET

DRAWN BY: ARH/A.S.C.  
 REVIEWED BY: H.C.H.  
 PROJECT NO.: 03307  
 DATE: 05-02-03  
 SCALE: AS SHOWN  
 DWG: DOOR SCHEDULE

SHEET NO.:  
**A-5.0**



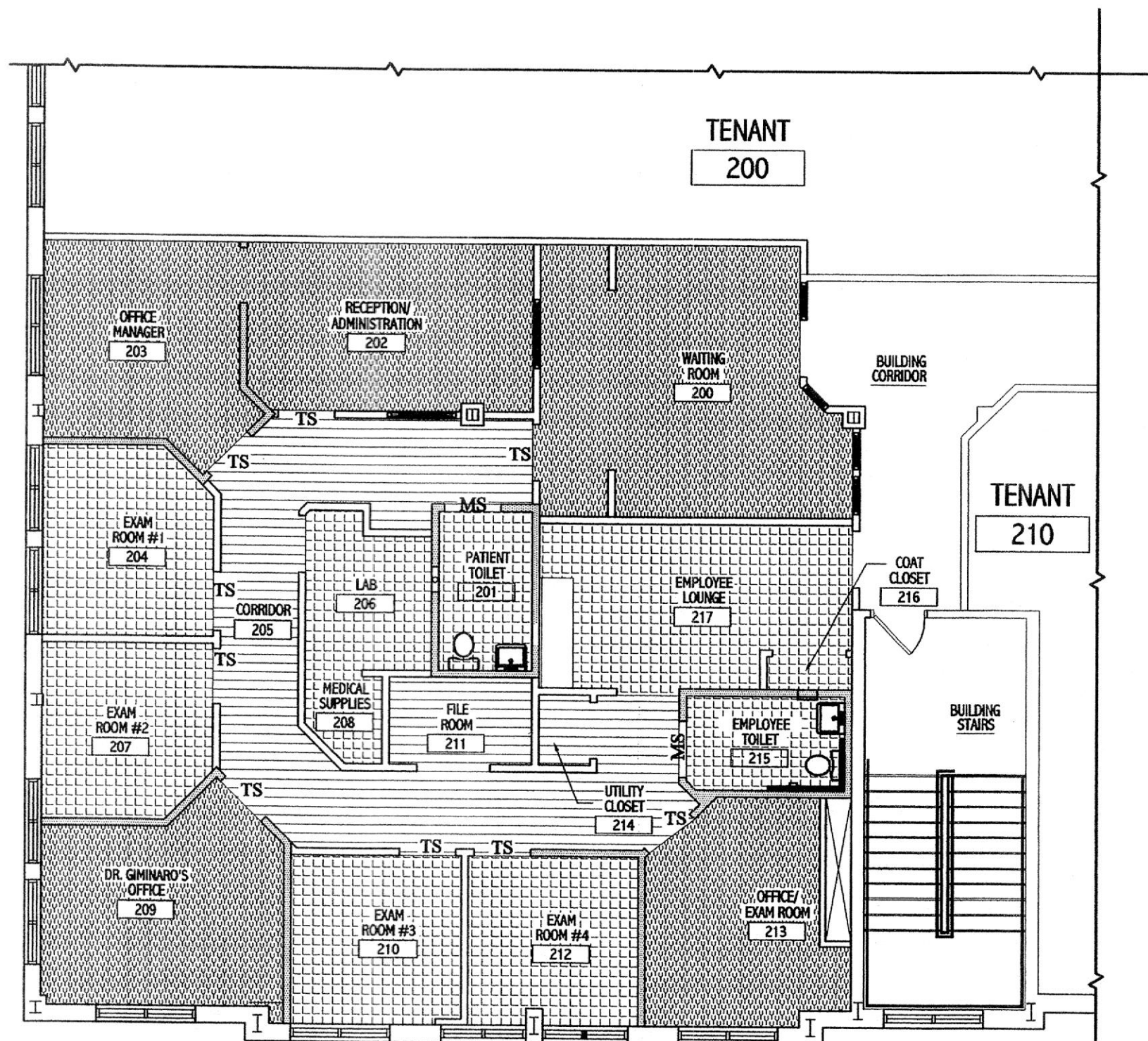
FINISH SCHEDULE										
ROOM NO.	ROOMS AND AREAS	FLOOR	FLR. DEP.	BASE	WAINSCOT	WAIN. HGT.	WALLS	CEILING	CLG. HT.	NOTES
200	WAITING ROOM	CA	-	VYL	-	-	GYP.BD.	LIAP	9'	1
201	PATIENT TOILET	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1,2
202	RECEPTION/ ADMINISTRATION	CA	-	VYL	-	-	GYP.BD.	LIAP	9'	1
203	OFFICE MANAGER	CA	-	VYL	-	-	GYP.BD.	LIAP	9'	1
204	EXAM ROOM #1	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1
205	CORRIDOR	WVY	-	VYL	-	-	GYP.BD.	LIAP	9'	1
206	LAB	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1
207	EXAM ROOM #2	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1
208	MEDICAL SUPPLIES CLOSET	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1
209	DR. GIMINARO'S OFFICE	CA	-	VYL	-	-	GYP.BD.	LIAP	9'	1
210	EXAM ROOM #3	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1
211	FILE ROOM	WVY	-	VYL	-	-	GYP.BD.	LIAP	9'	1
212	EXAM ROOM #4	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1
213	OFFICE/ EXAM ROOM	CA	-	VYL	-	-	GYP.BD.	LIAP	9'	1
214	UTILITY CLOSET	WVT	-	VYL	-	-	GYP.BD.	GYP.BD.	9'	1,2
215	EMPLOYEE TOILET	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1,2
216	COAT CLOSET	CA	-	VYL	-	-	GYP.BD.	GYP.BD.	9'	1
217	EMPLOYEE LOUNGE	VCT	-	VYL	-	-	GYP.BD.	LIAP	9'	1

**ABBREVIATIONS**

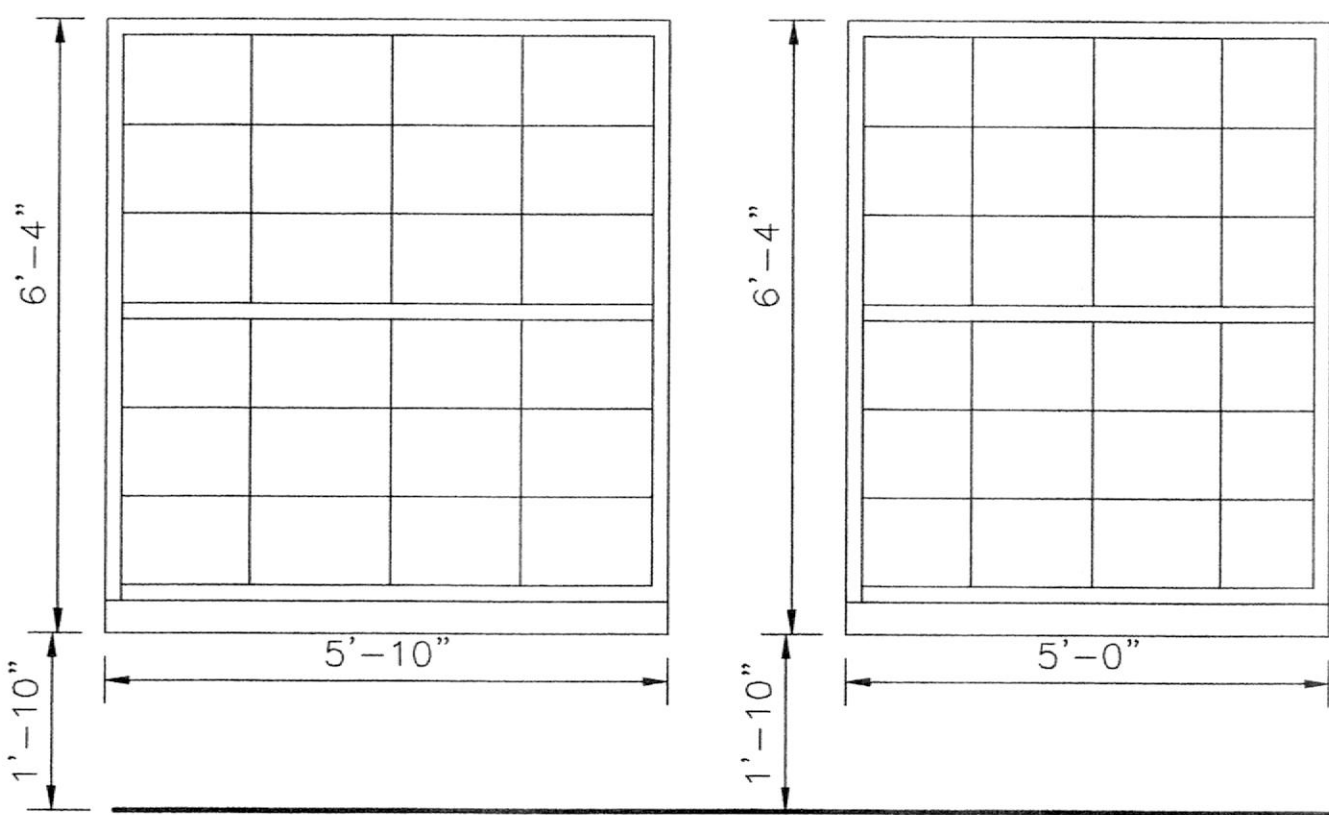
- CA - CARPET
- GYP.BD. - GYPSUM WALL BOARD
- LIAP - LAY-IN-ACOUSTICAL PANEL
- PNT - PAINTED
- VCT - VINYL COMPOSITION TILE (STANDARD)
- VYL - VINYL BASE
- WVT - WOOD VINYL TILE

**NOTES:**

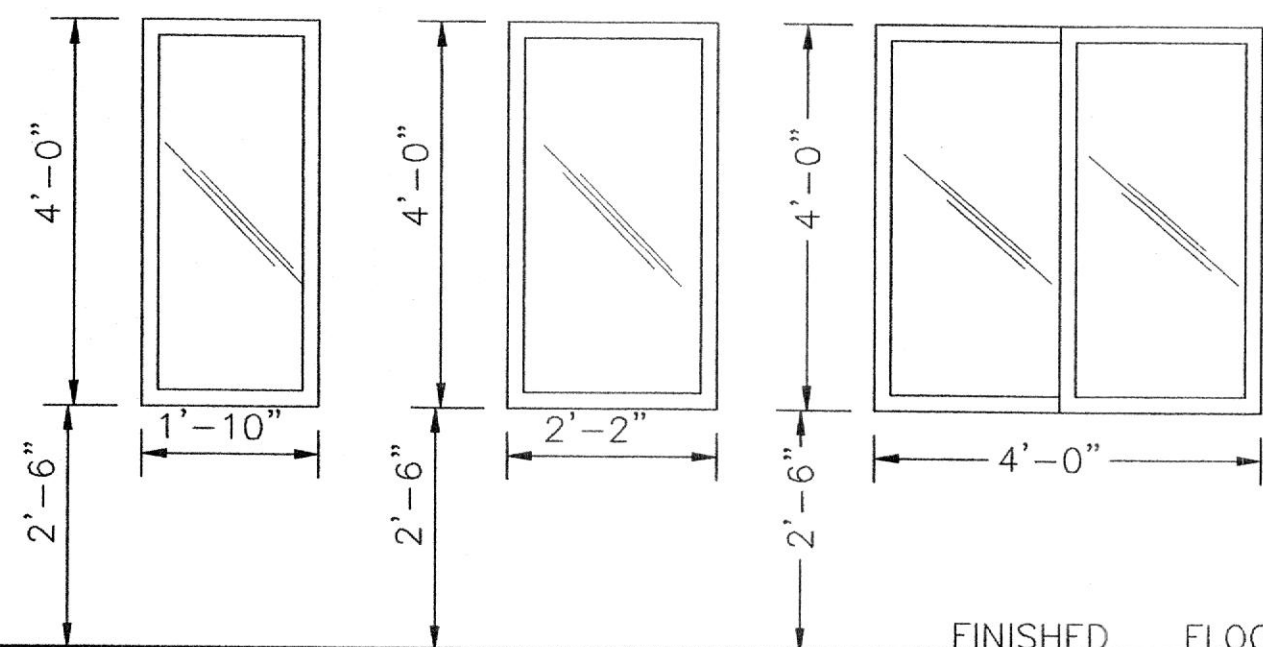
1. PAINT-SEMI-GLOSS LATEX-3 COAT-1-PRIMER;2 FINISH.
2. WATERPROOF MEMBRANE, EXTER. GRADE PLYWOOD UNDERLAYMENT.



**FLOOR FINISH PLAN**  
SCALE 1/8" = 1'

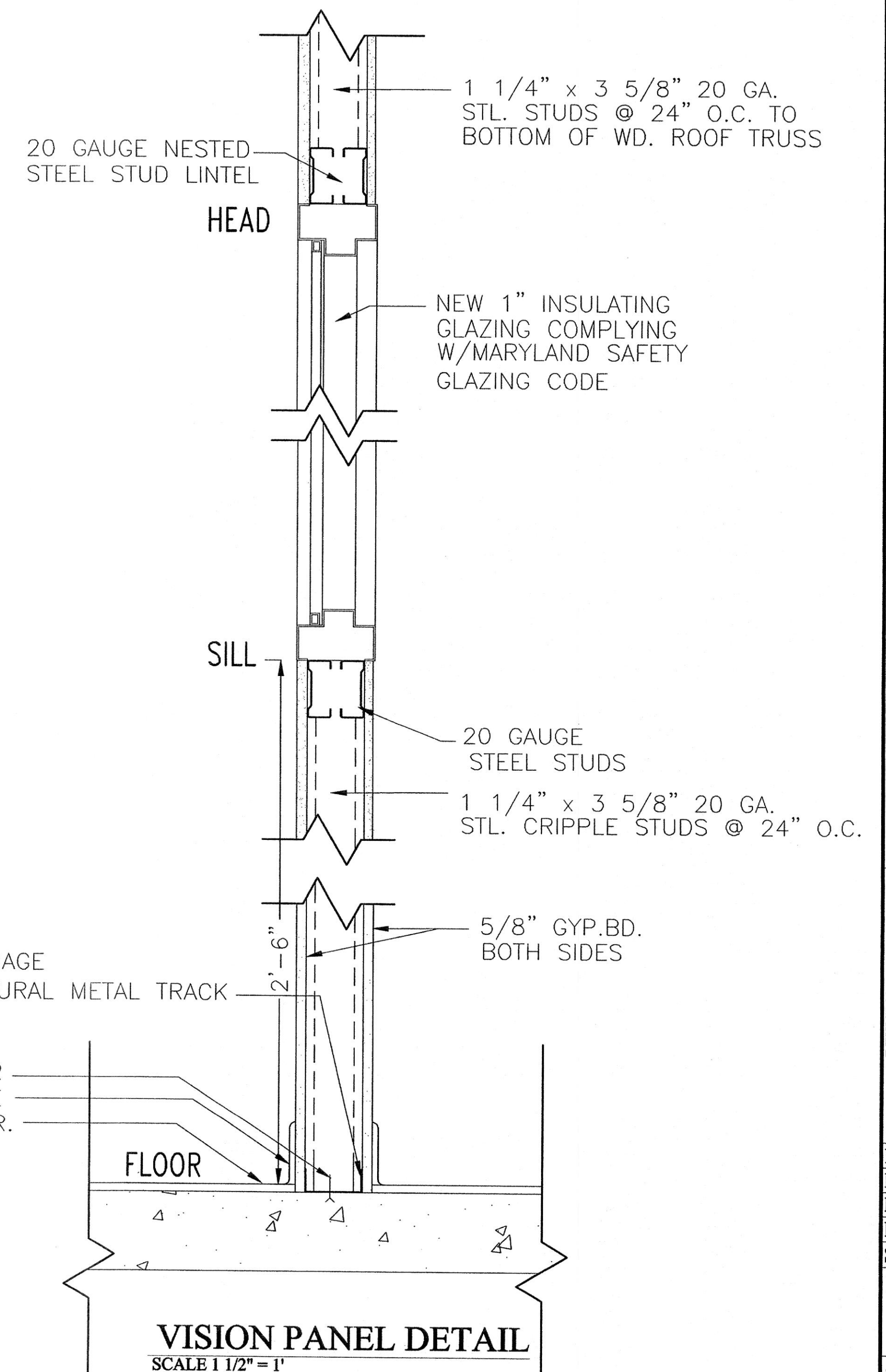


**WINDOW TYPES**  
SCALE 1/2" = 1'



**VISION PANEL TYPES**  
SCALE 1/2" = 1'

NOTE: ALL GLAZING SHALL BE SAFETY PER MARYLAND CODE



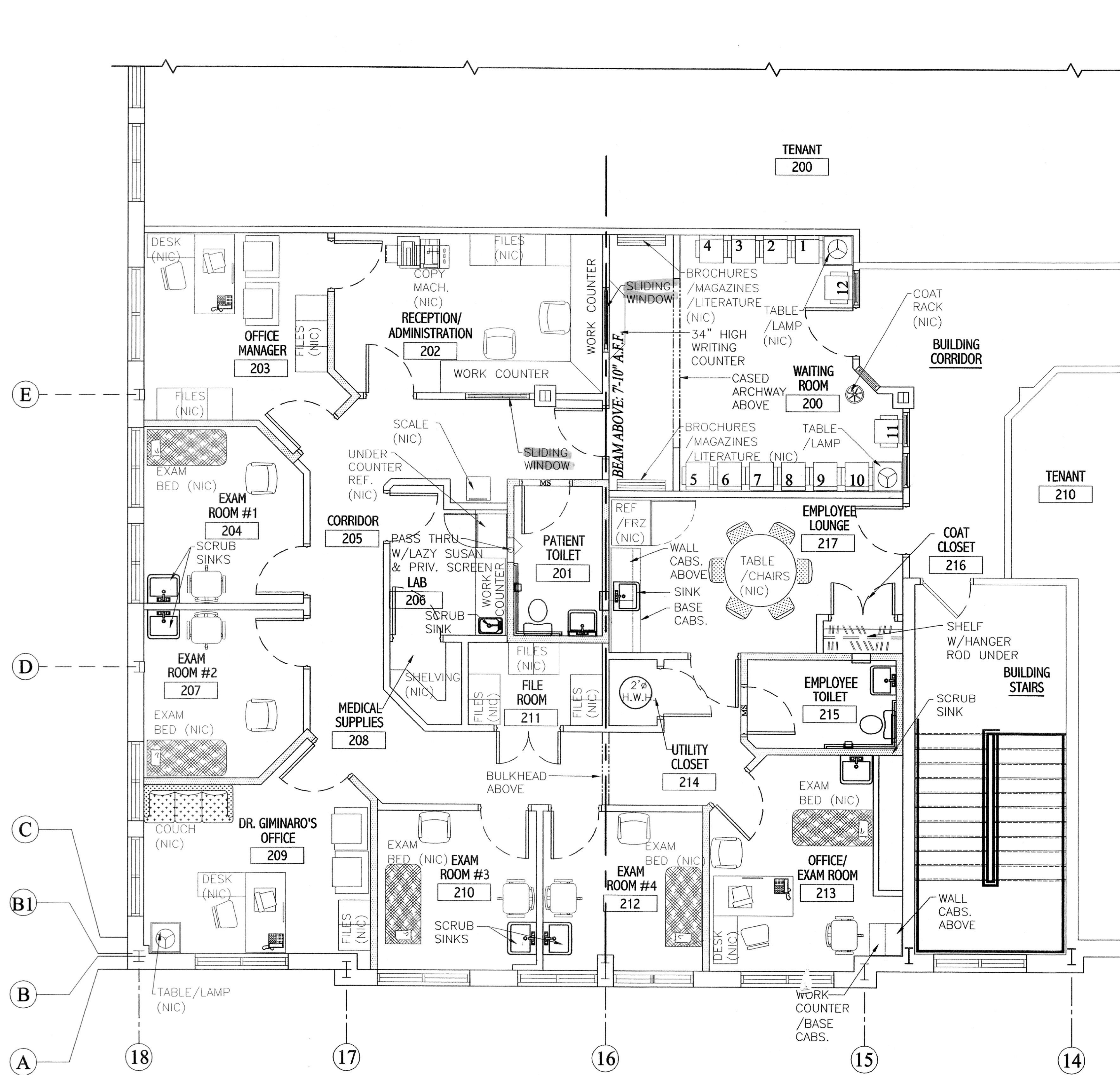
**VISION PANEL DETAIL**  
SCALE 1 1/2" = 1'

NO.	DATE	DESCRIPTION
1	05-22-03	50% PERMIT SET
2	06-11-03	PERMIT SET

DRAWN BY: A.R.H./A.S.C.  
REVIEWED BY: H.C.H.  
PROJECT NO.: 03307  
DATE: 05-02-03  
SCALE: AS SHOWN

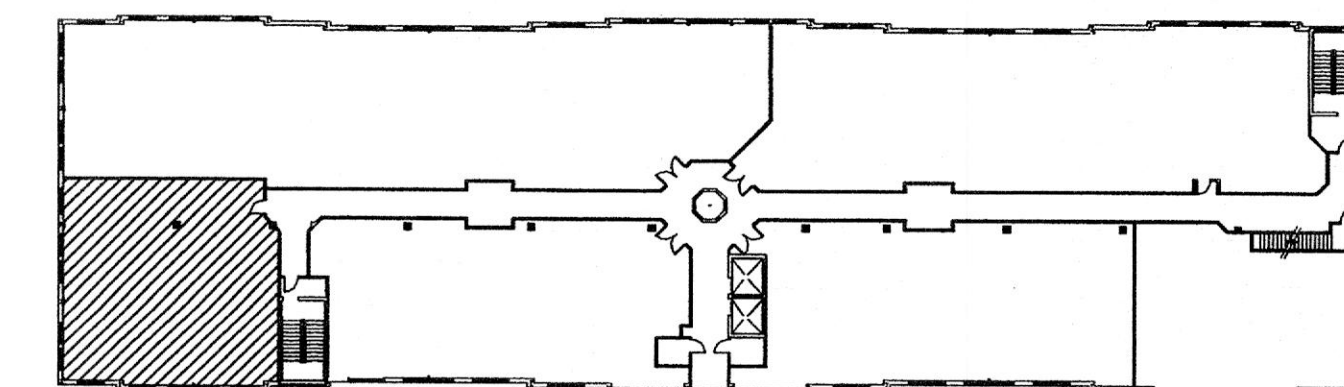
DWG: WINDOW & FINISH SCHEDULE





**FURNITURE AND EQUIPMENT PLAN**

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



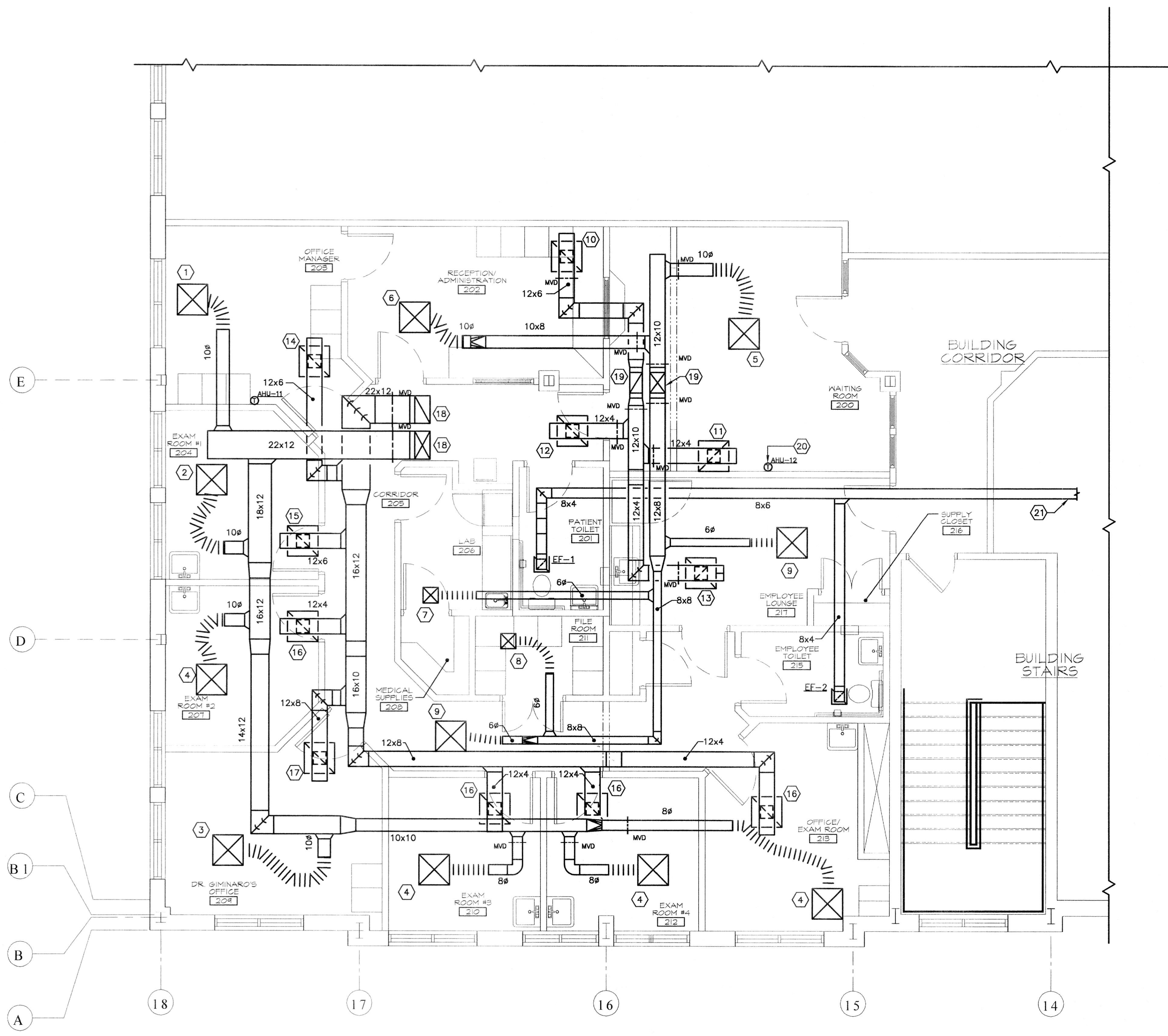
**SECOND FLOOR  
KEY PLAN**

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NO.	DESCRIPTION	DATE
1	50%	05-22-03
2	PERMIT SET	06-11-03

DRAWN BY:	A.R.H./A.S.C.
REVIEWED BY:	H.C.H.
PROJECT NO.:	03307
DATE:	05-02-03
SCALE:	AS SHOWN
DWG:	FURNITURE & EQUIPMENT PLAN

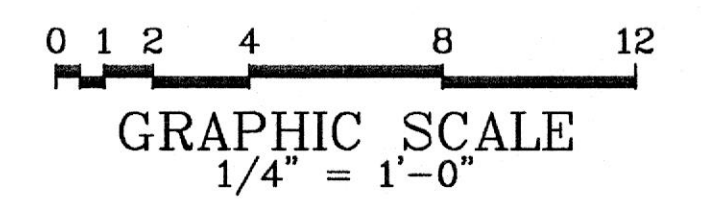




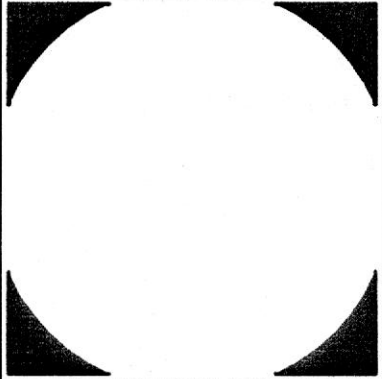
**SECOND FLOOR PLAN - HVAC**  
 SCALE: 1/4" = 1'-0"

**SPECIFIC NOTES (APPLY TO DRAWING M-1.0 WHERE INDICATED):**

- 1 SUPPLY AIR DIFFUSER; 280 CFM; 10"Ø NECK.
- 2 SUPPLY AIR DIFFUSER; 275 CFM; 10"Ø NECK.
- 3 SUPPLY AIR DIFFUSER; 360 CFM; 10"Ø NECK.
- 4 SUPPLY AIR DIFFUSER; 165 CFM; 8"Ø NECK.
- 5 SUPPLY AIR DIFFUSER; 340 CFM; 10"Ø NECK.
- 6 SUPPLY AIR DIFFUSER; 300 CFM; 10"Ø NECK.
- 7 SUPPLY AIR DIFFUSER; 75 CFM; 6"Ø NECK.
- 8 SUPPLY AIR DIFFUSER; 50 CFM; 6"Ø NECK.
- 9 SUPPLY AIR DIFFUSER; 130 CFM; 6"Ø NECK.
- 10 RETURN AIR REGISTER; 195 CFM; 10x10 NECK.
- 11 RETURN AIR REGISTER; 220 CFM; 10x10 NECK.
- 12 RETURN AIR REGISTER; 135 CFM; 10x10 NECK.
- 13 RETURN AIR REGISTER; 115 CFM; 10x10 NECK.
- 14 RETURN AIR REGISTER; 245 CFM; 10x10 NECK.
- 15 RETURN AIR REGISTER; 240 CFM; 10x10 NECK.
- 16 RETURN AIR REGISTER; 145 CFM; 10x10 NECK.
- 17 RETURN AIR REGISTER; 315 CFM; 10x10 NECK.
- 18 22x12 SUPPLY AIR DUCT AND 22x12 RETURN AIR DUCT UP TO AHU-11.
- 19 12x16 SUPPLY AIR DUCT AND 10x16 RETURN AIR DUCT UP TO AHU-12.
- 20 PROVIDE LOCKING COVER FOR THERMOSTAT.
- 21 ROUTE 8x6 EXHAUST DUCT THRU TENANT CEILING AND CONNECT TO EXISTING EXHAUST AIR LOUVER LOCATED AT COLUMN 12/A.



**ADW**



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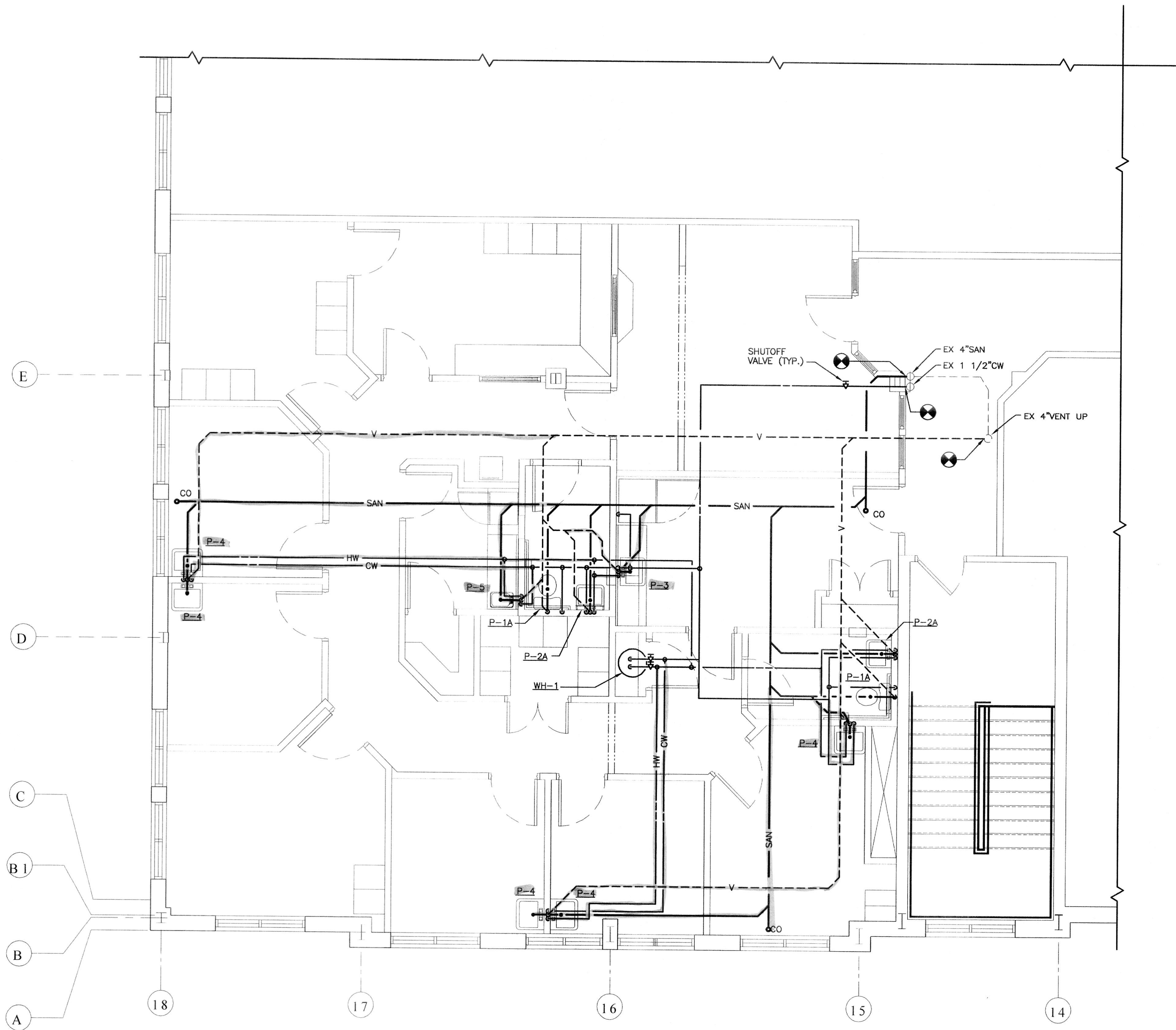
**SUITE 208  
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 @ ATWOOD PROFESSIONAL  
 OFFICE CENTER**  
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 TOWN OF BEL AIR, MD  
 ATWOOD DEVELOPMENT, L.L.C.

REVISIONS:	
NO.	DESCRIPTION
1	

DRAWN BY: TLR  
 REVIEWED BY: CMC  
 PROJECT NO.: 03307  
 DATE: 06.25.03  
 SCALE: AS SHOWN  
 DWG: FLOOR PLAN - HVAC

SHEET NO.: M-1.0  
 1 OF 5



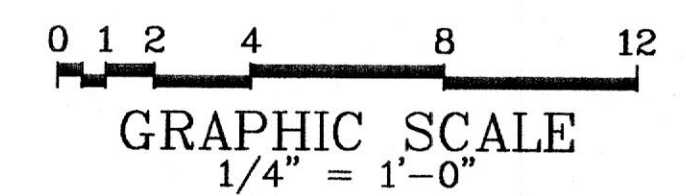
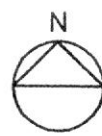


**SECOND FLOOR PLAN - PLUMBING**

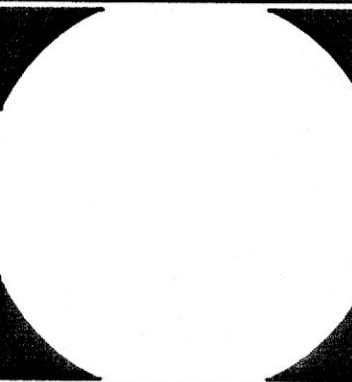
SCALE: 1/4" = 1'-0"

**NOTES:**

- FOR MORE INFORMATION REGARDING PIPE SIZES AND ROUTING REFER TO RISER DIAGRAM SHOWN ON M-2.0.
- SANITARY PIPING TO ROUTED IN CEILING SPACE OF THE FIRST FLOOR TENANT.



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NO.	REVISIONS:	DATE

DRAWN BY: TLR  
REVIEWED BY: CMC  
PROJECT NO.: 03307  
DATE: 06.25.03  
SCALE: AS SHOWN

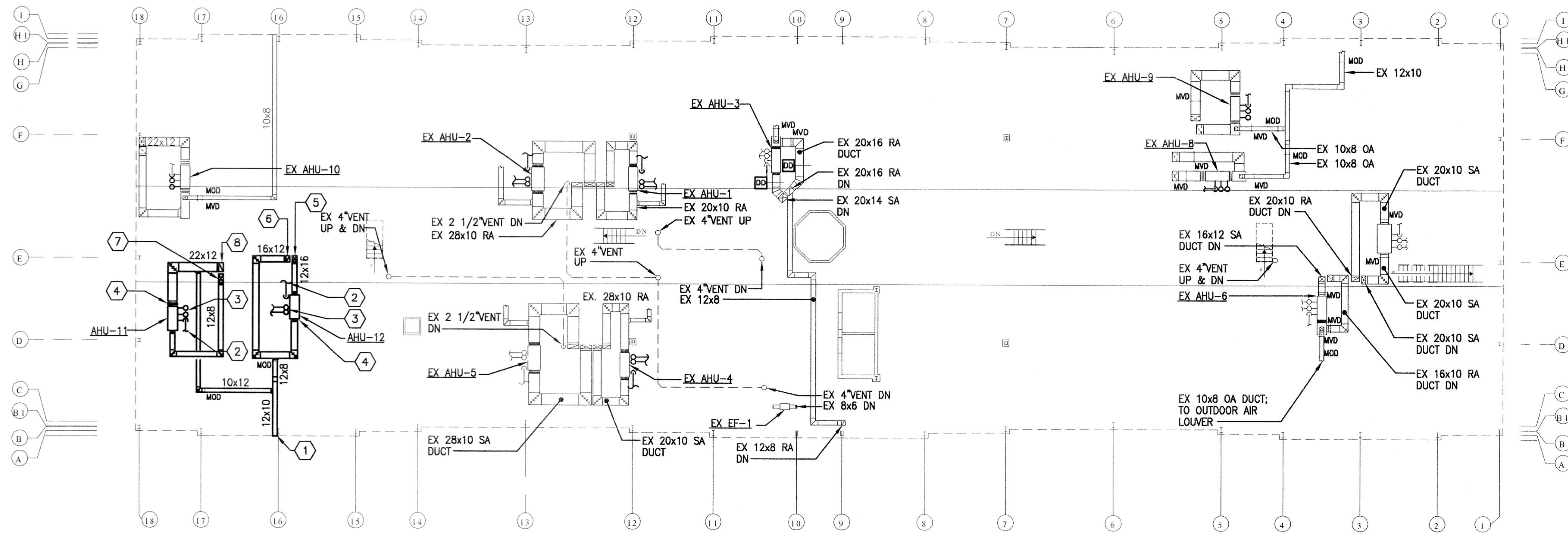
DWG: FLOOR PLAN - PLUMBING

SHEET NO.: M-1.1  
2 OF 5

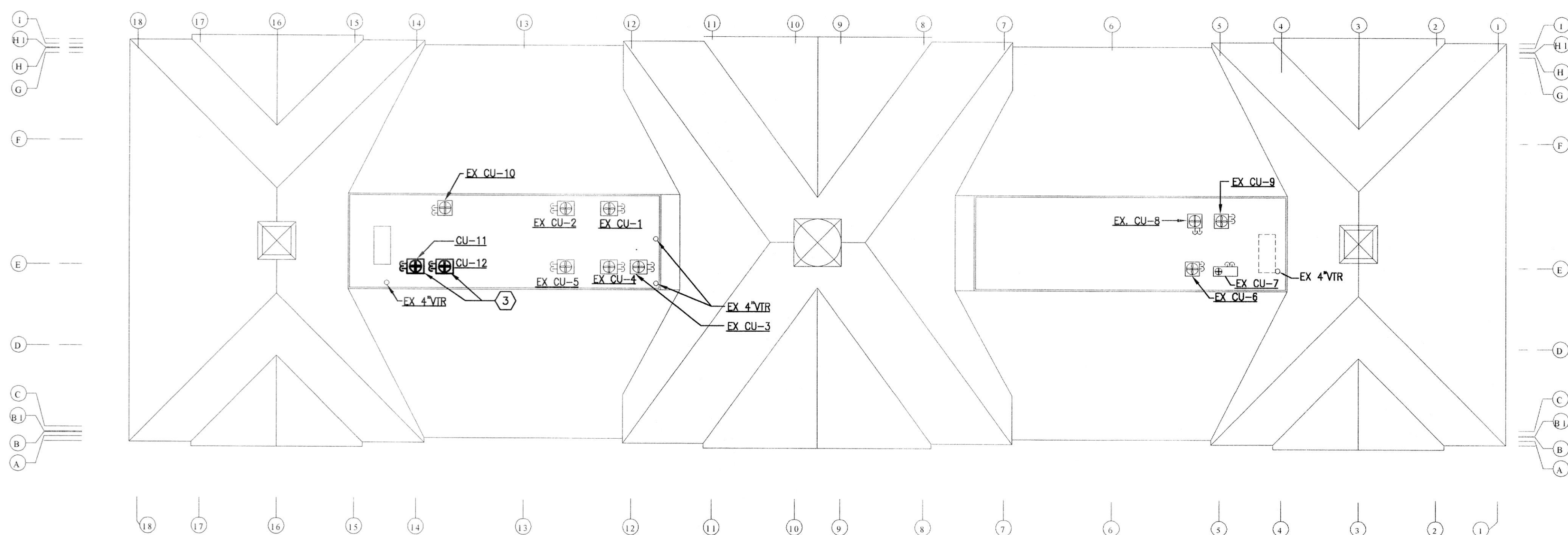


**SPECIFIC NOTES (APPLY TO DRAWING M-1.2 WHERE INDICATED):**

- ① ROUTE 12x10 OA DUCT TO OUTDOOR AIR LOUVER WITH MOD.
- ② 1" CONDENSATE DRAIN WITH 2" PTRAP, PIPE DRAIN TO NEAREST DOWNSPOUT.
- ③ RS/RL PIPING; SIZE AND ROUTE PER MANUFACTURER'S RECOMMENDATIONS.
- ④ FIELD ERECTED PLENUM BOX, CONNECT TO AHU WITH FLEXIBLE CONNECTION.
- ⑤ 16x12 SUPPLY AIR DUCT DOWN.
- ⑥ 16x10 RETURN AIR DUCT DOWN.
- ⑦ 22x12 SUPPLY AIR DUCT DOWN.
- ⑧ 22x12 RETURN AIR DUCT DOWN.



**ATTIC PART PLAN - MECHANICAL**  
SCALE: 1/16" = 1'-0"



**ROOF PART PLAN - MECHANICAL**  
SCALE: 1/16" = 1'-0"

ADW

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**design works inc**

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**ATWOOD ROAD**  
**TOWN OF BEL AIR, MD**  
**ATWOOD DEVELOPMENT, L.L.C.**

NO.	DATE	REVISIONS:
1		

**DRAWN BY:** TLR  
**REVIEWED BY:** CMC  
**PROJECT NO.:** 03307  
**DATE:** 06.25.03  
**SCALE:** AS SHOWN

**DWG:**  
**ATTIC & ROOF**  
**PART PLAN -**  
**MECHANICAL**

**SHEET NO.:**  
**M-1.2**  
3 OF 5



# MECHANICAL LEGEND

SYMBOL	ABBRV	DESCRIPTION
	SP,SAN	SANITARY PIPE
	SW	STORM WATER
	D	DRAIN
	FDR	FOUNDATION DRAIN
	CO	CLEANOUT
	VP	VENT PIPE
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RECIRCULATING
	F	FIRE LINE
	RS	REFRIGERANT SUCTION
	RL	REFRIGERANT LIQUID
		SHUTOFF VALVE
		GLOBE VALVE
		CHECK VALVE
	BWV	BACK WATER VALVE
		FLOW METER FITTING
		BALANCING VALVE
		PRESSURE REDUCING VALVE
	TP	TRAP PRIMER
		RELIEF VALVE
	MAV	MANUAL AIR VALVE
	AAV	AUTOMATIC AIR VALVE
		STRAINER
		UNION
	SA	SHOCK ABSORBER
	FS	FLOW SWITCH
		THERMOMETER
	TW	THERMOMETER WELL
		PRESSURE GAUGE
	PG	PRESSURE GAUGE TAPPING
		ANCHOR
	TCV	TEMPERATURE CONTROL VALVE (2-WAY)
	TCV	TEMPERATURE CONTROL VALVE (3-WAY)
		DRIP POINT
		BUCKET TRAP
	F&T	FLOAT AND THERMOSTATIC TRAP
		FLEXIBLE PIPE CONNECTION
		PIPE TURNING UP
		PIPE TURNING DOWN
		TEE TURNED UP
		TEE TURNED DOWN
	WH	WALL HYDRANT
	HB	HOSE BIBB
	AD	THERMOSTAT
	AD	AREA DRAIN
	FD	FLOOR DRAIN
	FDP	FLOOR DRAIN WITH TRAP PRIMER
	RD	ROOF DRAIN
		SUPPLY DUCT TURNED UP
		SUPPLY DUCT TURNED DOWN
		RETURN, EXHAUST, OR OUTSIDE AIR DUCT TURNED UP
		RETURN, EXHAUST, OR OUTSIDE AIR DUCT TURNED DOWN
		FLEXIBLE DUCT CONNECTION
	MVD	MANUAL VOLUME DAMPER
	MOD	MOTOR OPERATED DAMPER
	F(*)	FIRE DAMPER (* - INDICATES RATING)
	BDD	BACKDRAFT DAMPER
	OBD	OPPOSED BLADE DAMPER
	R	INCLINED DUCT RISE
	D	INCLINED DUCT DOWN

# ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
BTU	BRITISH THERMAL UNIT
CFM	CUBIC FEET MINUTE
DIFF	DIFFUSER
DB	DRY BULB
EAT	ENTERING AIR TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
EXH	EXHAUST
GR	GRILLE
GPM	GALLONS PER MINUTE
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
MBH	THOUSAND BTU/HR
OA	OUTSIDE AIR
PD	PRESSURE DROP
RA	RETURN AIR
REG	REGISTER
SAD	SUPPLY AIR DIFFUSER
TSP	TOTAL STATIC PRESSURE
V-PH	VOLT-PHASE
VTR	VENT THROUGH ROOF

# EQUIPMENT LIST

- ELECTRIC WATER HEATER (WH-1)  
LOCHINVAR MODEL RSA030K (OR APPROVED EQUAL)  
4.5 KW, 25 GPH RECOVERY AT 75°F TEMP. RISE,  
30 GALLON CAPACITY, 208V/1Ø/60Hz

# AIR HANDLING UNIT SCHEDULE

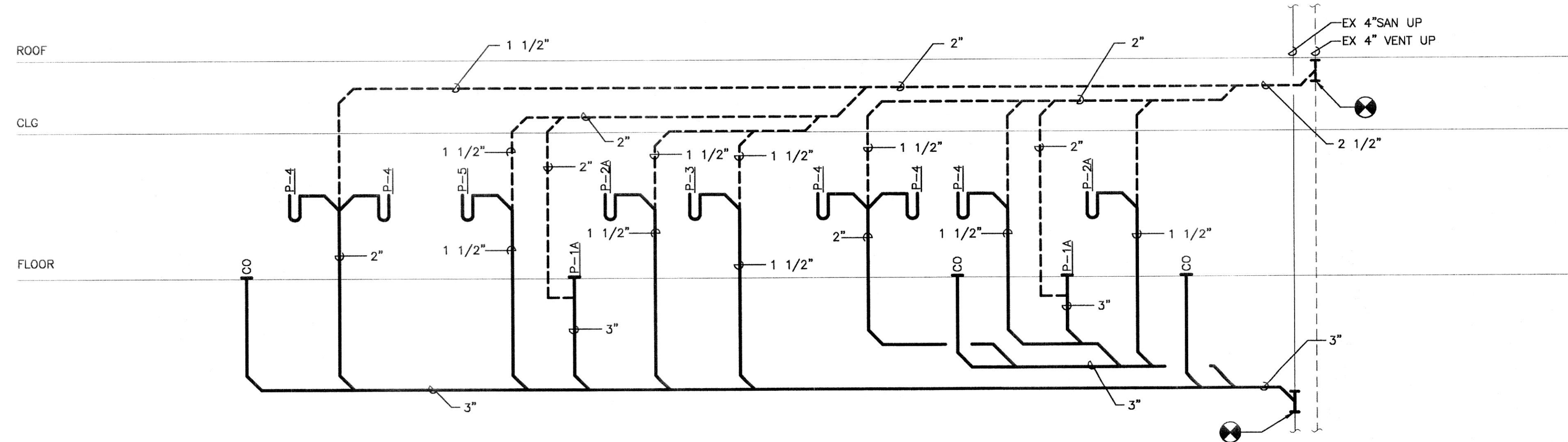
AHU NO	SERVING	FAN		COOLING				HEATING		OUTDOOR UNIT			MANUFACTURE & MODEL (OR APPROVED EQUAL)				
		CFM	ESP (IN WC)	OA CFM	MOTOR HP, V-PH	EAT DB/WB (F)	AMB. AIR (F)	SENS CAP (MBH)	TOT CAP (MBH)	EAT (F)	RESIST. HEATER KW	RESIST. HEATER V-PH	OUTDOOR UNIT FAN (FLA)	OUTDOOR UNIT COMP (RLA)	OUTDOOR UNIT V-PH	INDOOR UNIT	OUTDOOR UNIT
AHU-11	DR. GIMINARO EXTERIOR	1575	0.70	195	3/4, 208-1	77.5/67.4	95	38.6	44.6	62	13.5	208-3	1.1	23.9	208-1	CARRIER FK4CN 006	CARRIER 38 BYC 048
AHU-12	DR. GIMINARO INTERIOR	1025	0.70	360	1/2, 208-1	82.0/70.2	95	27.9	39.9	49	13.5	208-3	1.1	23.9	208-1	CARRIER FK4CN 005	CARRIER 38 BYC 042

# EXHAUST FAN SCHEDULE

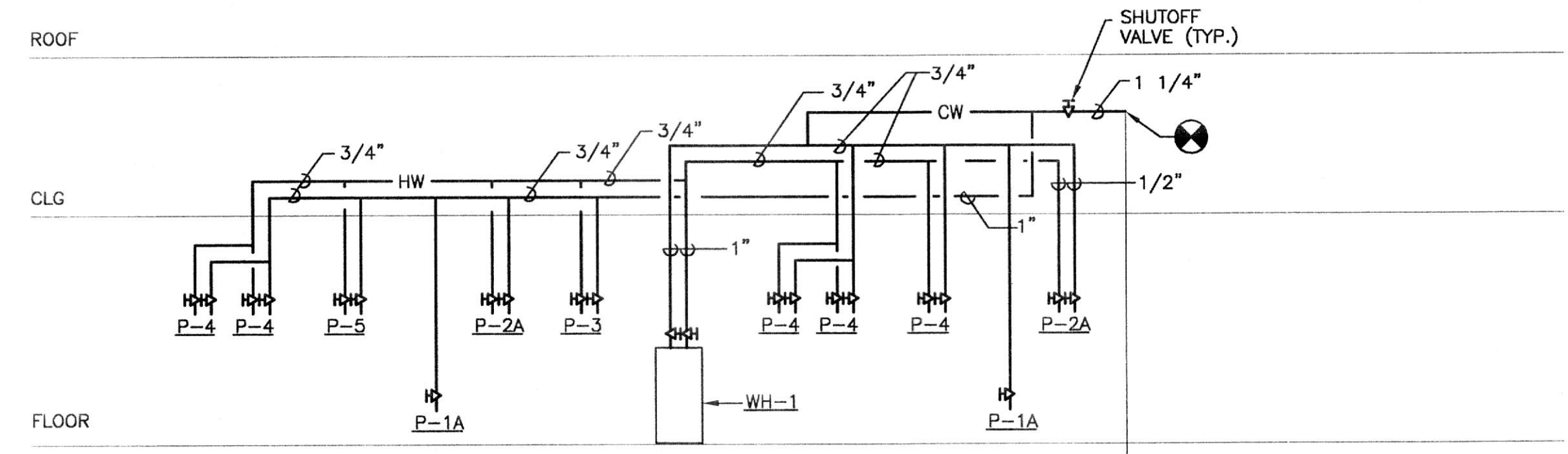
DESIG.	SERVING	CFM	E.S.P. (IN.WC.)	FAN SPEED (RPM)	TYPE	DRIVE	ELECTRIC W / HP, VOLTS-PH	NOTES	GREENHECK MODEL (OR APPROVED EQUAL)
EF-1	PATIENT TOILET 201	75	0.250	1,100	CEILING	DIRECT	76W, 120-1	1	SP-216
EF-2	EMPLOYEE TOILET 215	75	0.250	1,100	CEILING	DIRECT	76W, 120-1	1	SP-216

# PLUMBING FIXTURE SCHEDULE

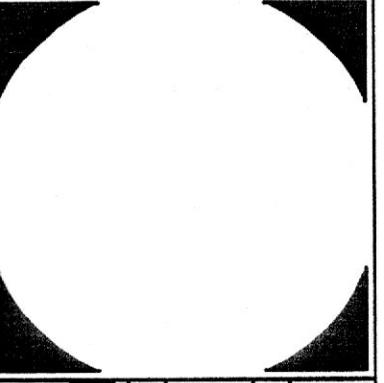
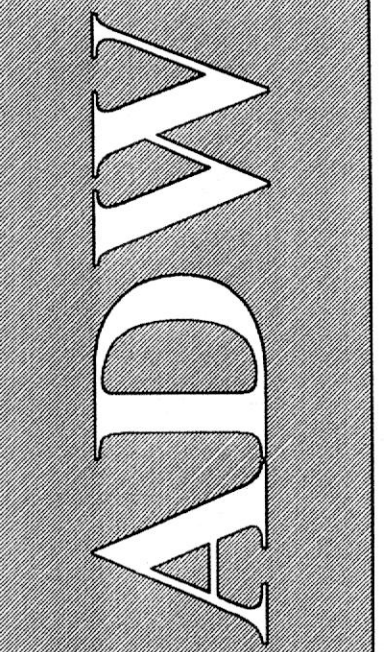
DESIG	DESCRIPTION	SAN.	VENT	CW	HW	REMARKS
P-1	WATER CLOSET (TANK TYPE)	3"	2"	3/4"	-	ADA COMPLIANT
P-2	LAVATORY (WALL HUNG)	1 1/2"	1 1/2"	1/2"	1/2"	ADA COMPLIANT
P-3	COUNTERTOP SINK	1 1/2"	1 1/2"	1/2"	1/2"	
P-4	EXAM. ROOM SINK	1 1/2"	1 1/2"	1/2"	1/2"	
P-5	LAB SINK	1 1/2"	1 1/2"	1/2"	1/2"	



**SANITARY RISER DIAGRAM**  
SCALE: NOT TO SCALE



**DOMESTIC WATER RISER DIAGRAM**  
SCALE: NOT TO SCALE



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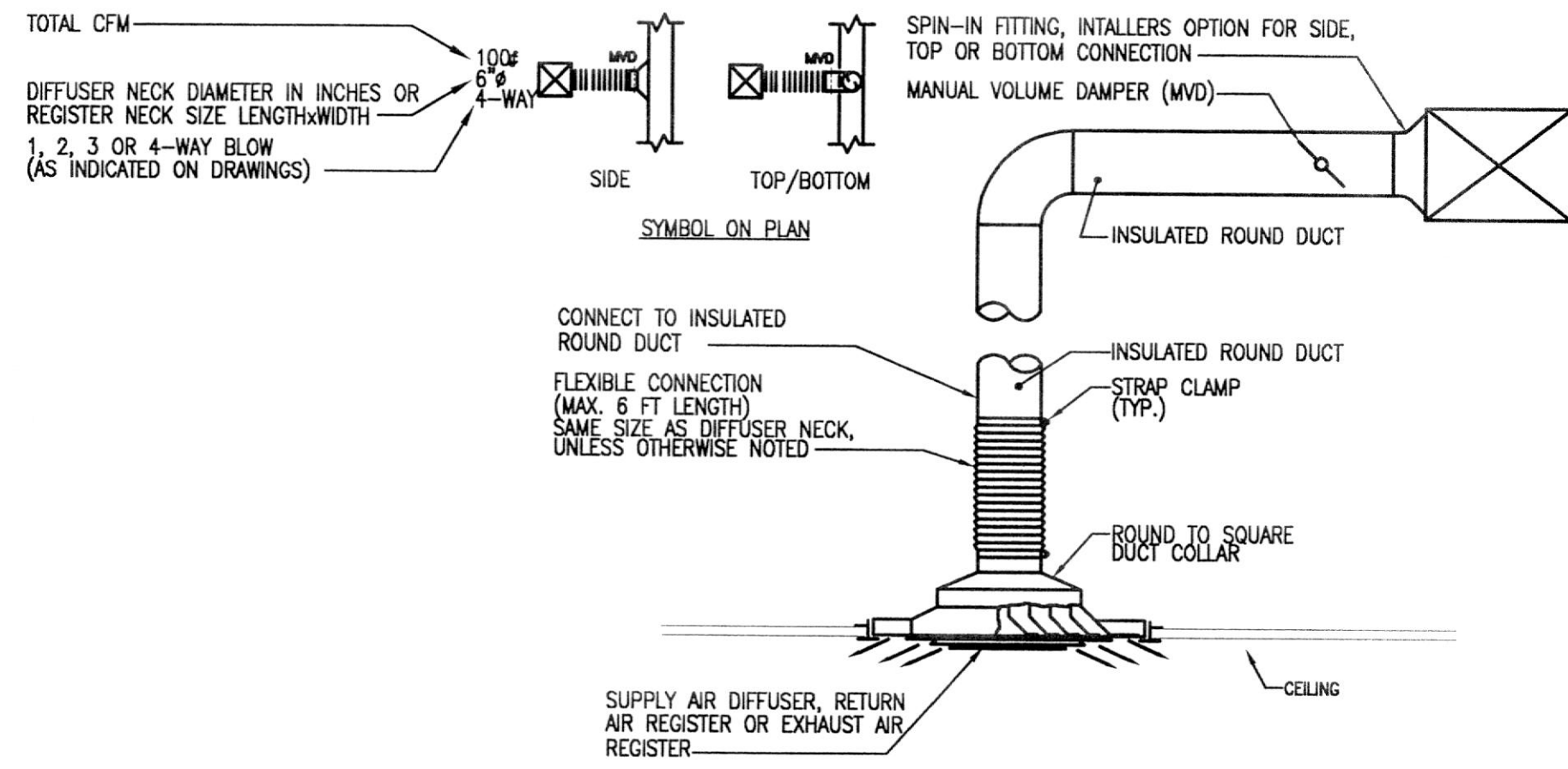
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REVISIONS:	DATE	DESCRIPTION
1		

**DRAWN BY:** TLR  
**REVIEWED BY:** CMC  
**PROJECT NO.:** 03307  
**DATE:** 06.25.03  
**SCALE:** AS SHOWN  
**DWG:** LEGEND, ABBR., SCHEDULES & RISER DIAGRAMS

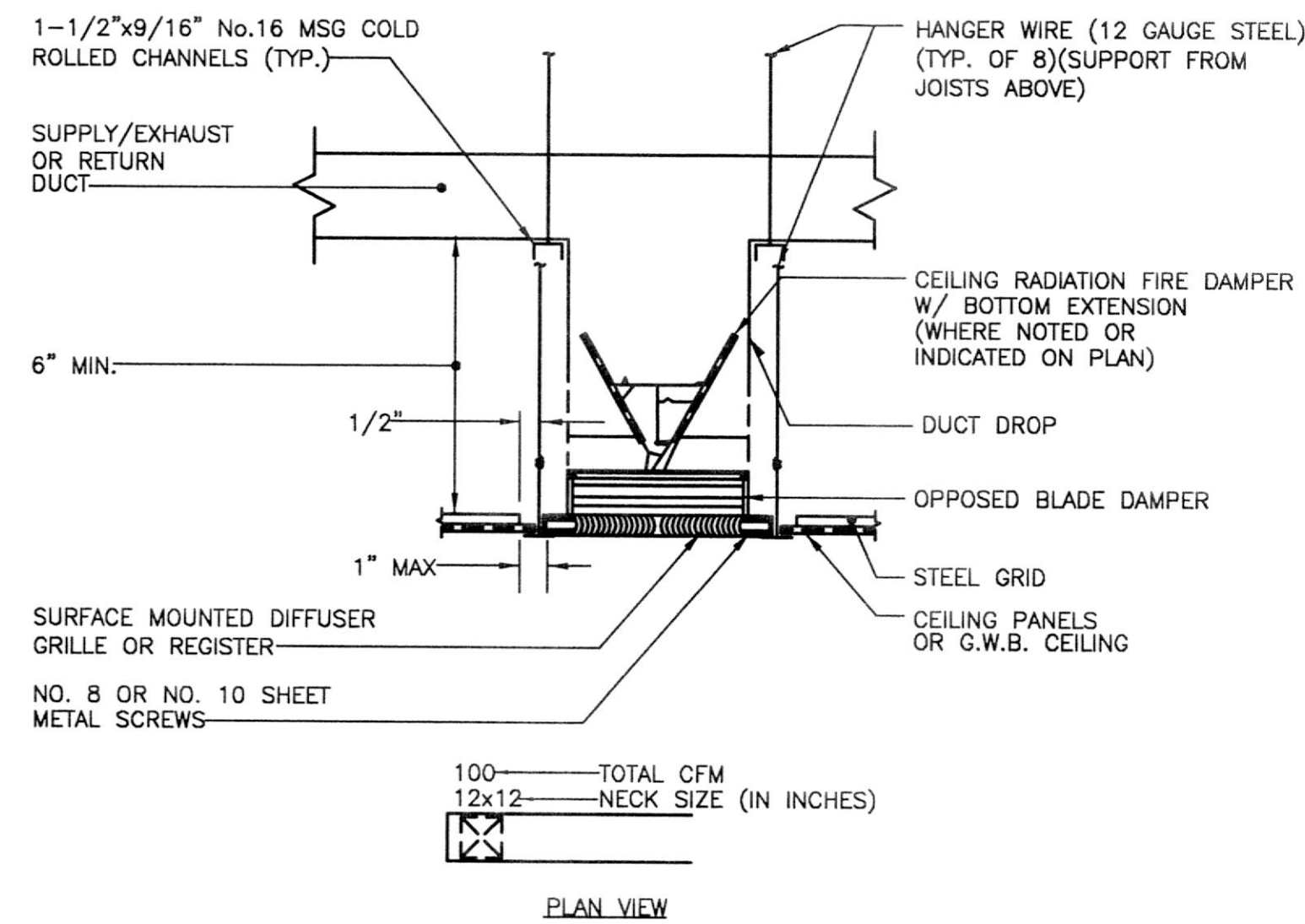
**SHEET NO.:**  
**M-2.0**  
4 OF 5



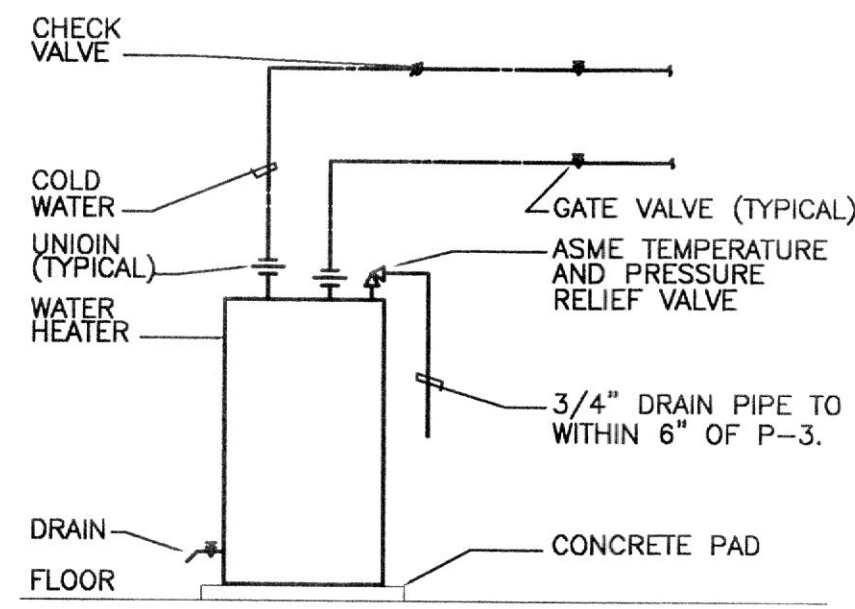


**CEILING AIR DEVICE CONNECTION DETAIL**  
SCALE: NONE

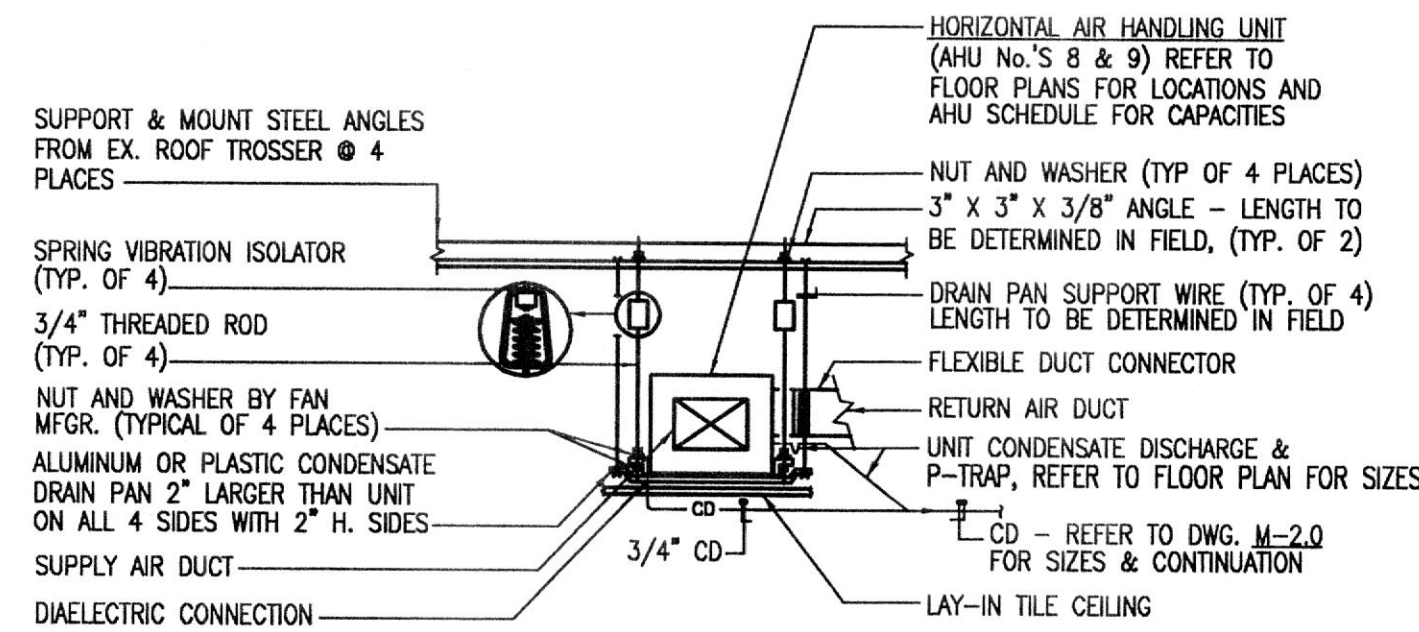
- NOTES:
1. MAXIMUM STATIC PRESSURE FOR SUPPLY AIR DIFFUSERS (AND RETURN AIR REGISTERS) SHALL BE .08 INCHES OF H<sub>2</sub>O.
  2. REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT CEILING TYPES AND CONSTRUCTIONS.
  3. ALL EXHAUST GRILLES TO BE PROVIDED WITHOUT DAMPERS.
  4. MAXIMUM STATIC PRESSURE FOR TRANSFER AIR GRILLES TO BE .05" OF H<sub>2</sub>O.
  5. REFER TO SPECIFICATION SECTION 15880 FOR SPECIFIC TYPES OF AIR DEVICES REQUIRED IN DIFFERENT AREAS OF THE FACILITY.
  6. ALL DIFFUSERS ARE 4-WAY BLOW UNLESS OTHERWISE INDICATED ON FLOOR PLANS.



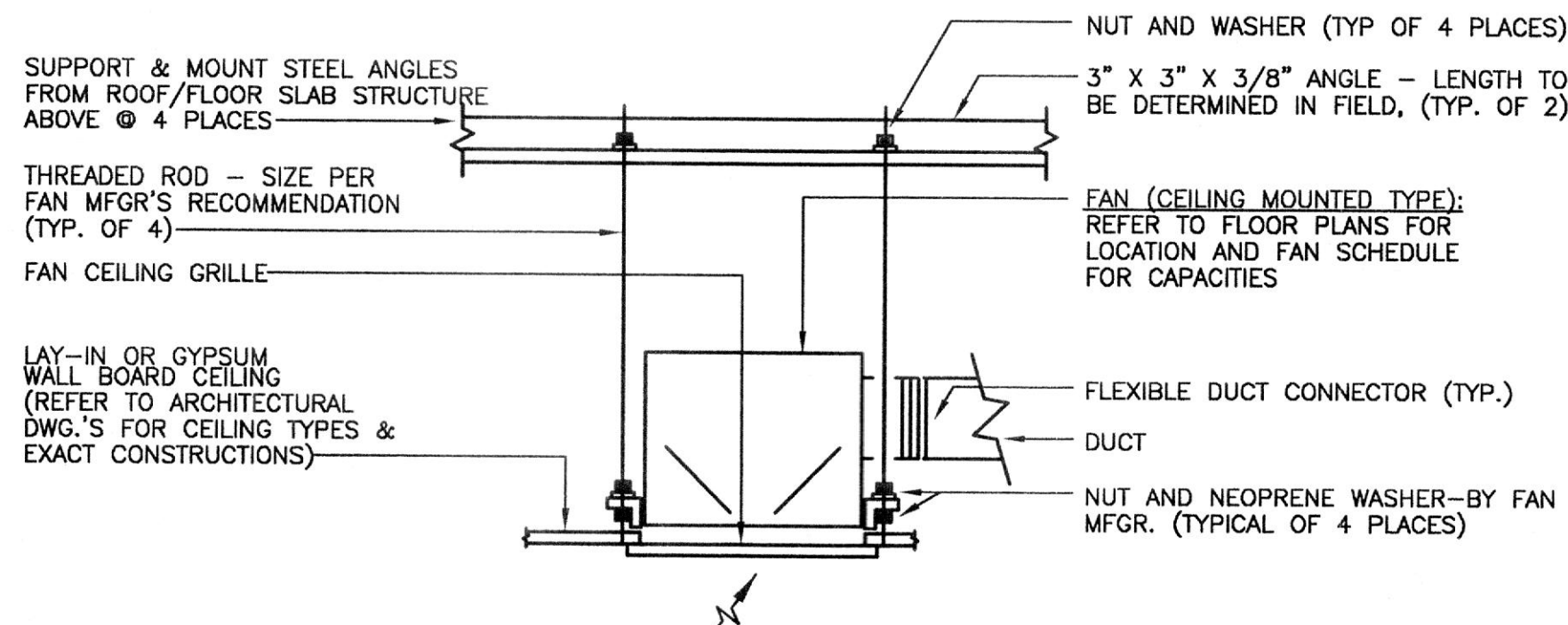
**TYPICAL HARD DUCTED RECTANGULAR AIR DEVICES DETAIL**  
SCALE: NONE



**DETAIL - ELECTRIC WATER HEATER**  
SCALE: NOT TO SCALE



**DETAIL - TYPICAL ABOVE CEILING HEAT PUMP MOUNTING**  
SCALE: NOT TO SCALE



**DETAIL- TYPICAL CEILING MOUNTED FAN MOUNTING**  
NOT TO SCALE

- NOTES:
1. ALL FAN COMPONENTS - MOTOR, ELECTRICAL, ETC.. SHALL BE SERVICABLE THROUGH REMOVABLE UNIT MOUNTED CEILING GRILLE.

**OCCUPIED/UNOCCUPIED MODE:**

SPLIT SYSTEM HEAT PUMP SHALL BE PROVIDED WITH PROGRAMMABLE THERMOSTAT WITH SWITCHING SUBBASE FOR HEAT/COOL/AUTOMATIC AND FOR FAN/ON/AUTOMATIC. THERMOSTAT SHALL CONTROL OCCUPIED/UNOCCUPIED OPERATION OF THE HEAT PUMP.

**OCCUPIED MODE:**

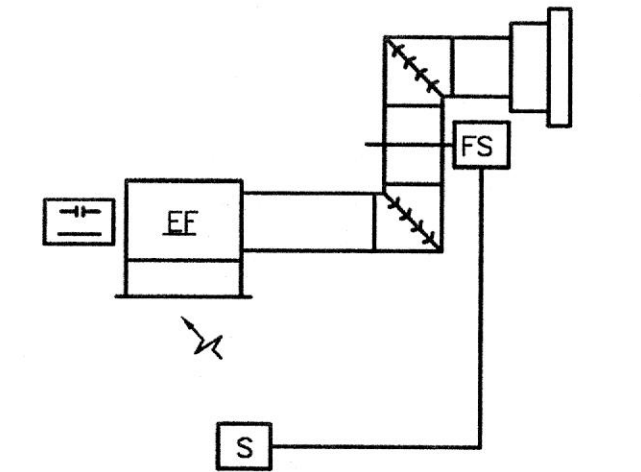
THE FAN SHALL RUN CONTINUOUSLY OR AUTOMATICALLY CYCLE. UPON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT OF THE THERMOSTAT, THE COOLING CYCLE SHALL BE ENERGIZED.

UPON A DROP IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT OF THE THERMOSTAT, THE HEATING CYCLE SHALL BE ENERGIZED IN TWO STAGES. FIRST STAGE = HEAT PUMP; SECOND STAGE = ELECTRIC HEATER. (THIS SHALL ALSO HAVE A THERMOSTAT OVERRIDE.)

**UNOCCUPIED MODE:**

THE FAN SHALL BE OFF. UPON A DROP IN SPACE TEMPERATURE BELOW THE UNOCCUPIED SETTING OF THE THERMOSTAT, THE FAN SHALL OPERATE AND THE HEATING CYCLE ENERGIZED AS NOTED ABOVE.

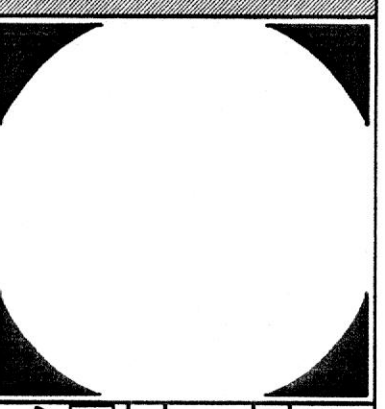
**AIR HANDLING UNIT CONTROL (APPLIES TO AHU'S)**  
NOT TO SCALE



1. WHEN THE SWITCH IS SET TO THE ON POSITION, THE FAN SHALL RUN.
2. IF THE AIR FLOW SENSOR, FS, DOES NOT SENSE AIR FLOW WHEN THE UNIT IS SCHEDULED TO RUN, AN ALARM SIGNAL SHALL BE SENT.

**EXHAUST FAN CONTROL**  
SCALE: NONE

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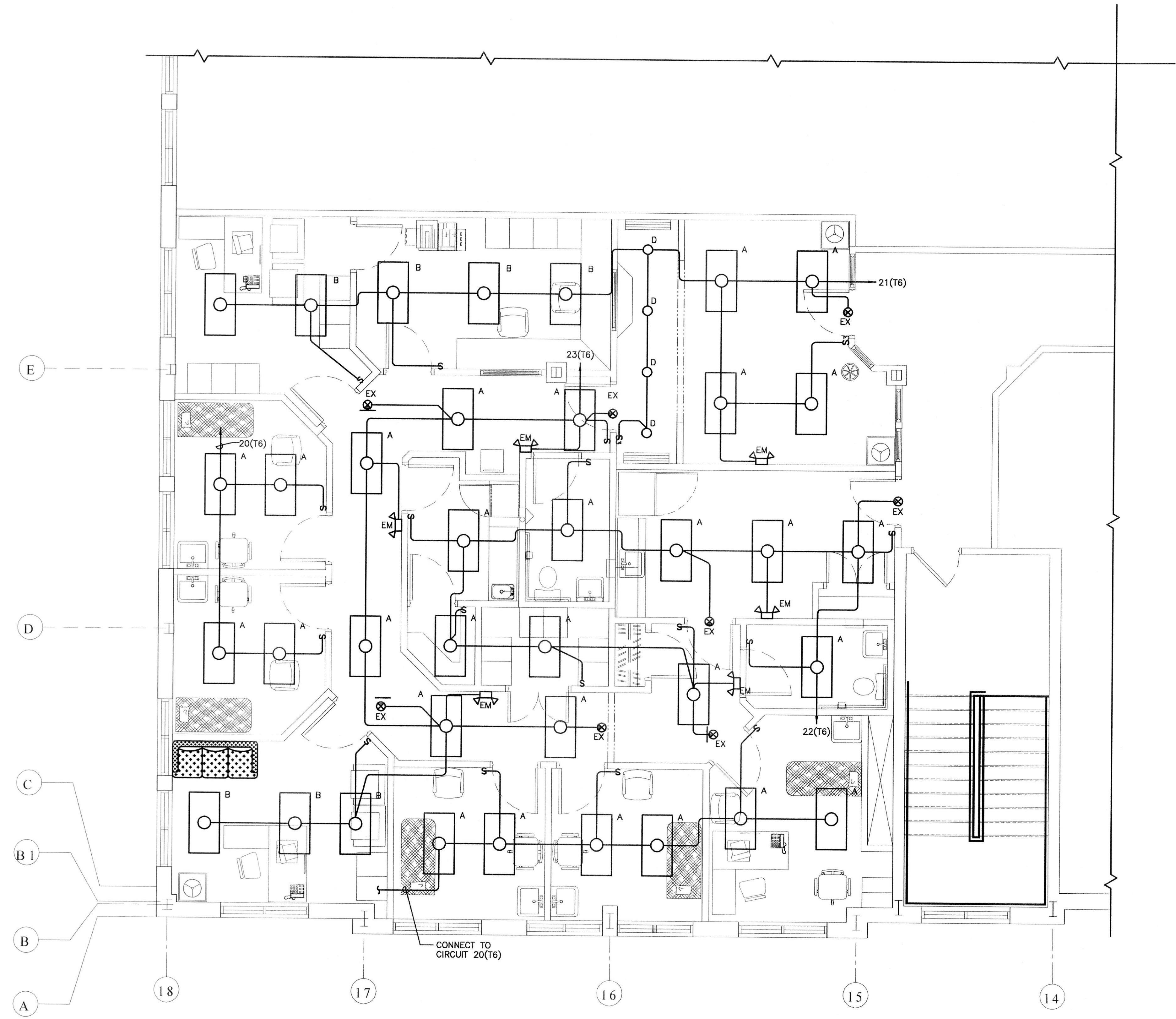
DRAWN BY: TLR  
REVIEWED BY: CMC  
PROJECT NO.: 03307  
DATE: 06.25.03  
SCALE: AS SHOWN  
DWG:

**DETAILS**  
SHEET NO.:  
**M-2.1**  
5 OF 6

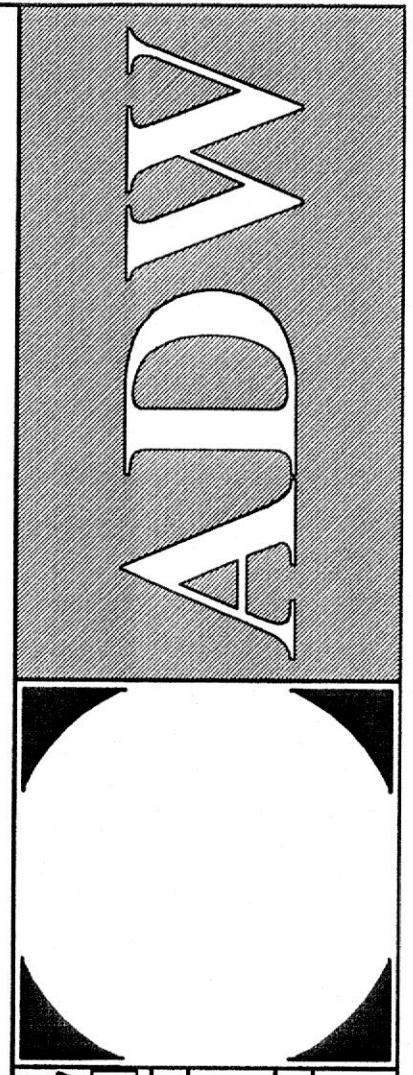
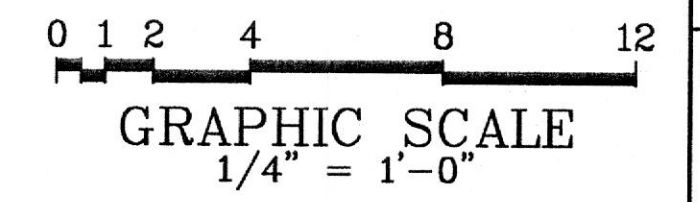


**DRAWING NOTES (APPLY TO DRAWING E-1.0):**

- CONNECT EMERGENCY LIGHTING FIXTURES 'EM' AND 'EX' AHEAD OF LOCAL SWITCHING.



**FLOOR PLAN - LIGHTING**  
SCALE: 1/4" = 1'-0"



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**PROJECT NO.:** 03307  
**DATE:** 06.25.03  
**SCALE:** AS SHOWN

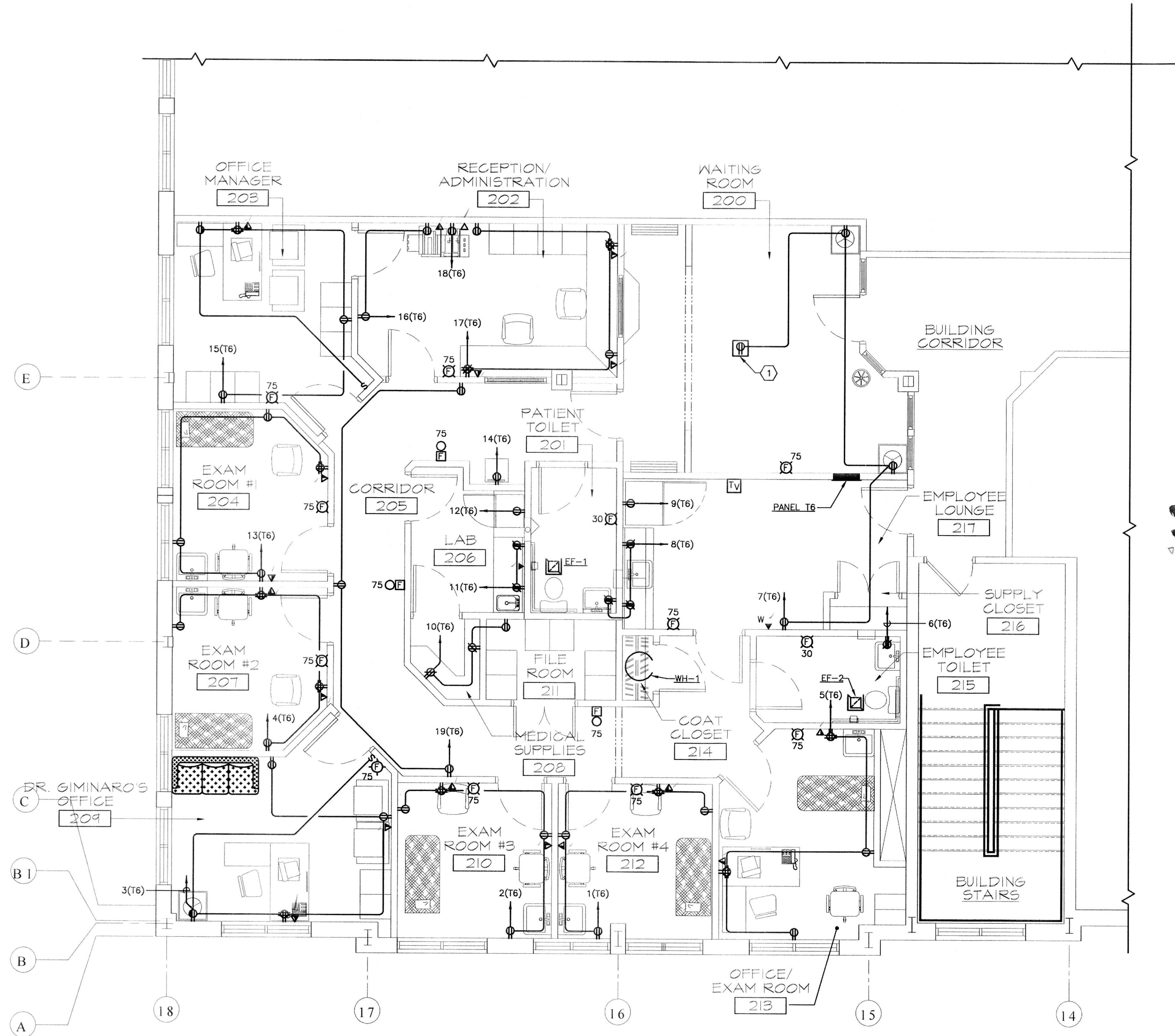
**DWG:**  
**FLOOR PLAN -  
LIGHTING**

**SHEET NO.:**  
**E-1.0**  
1 OF 4

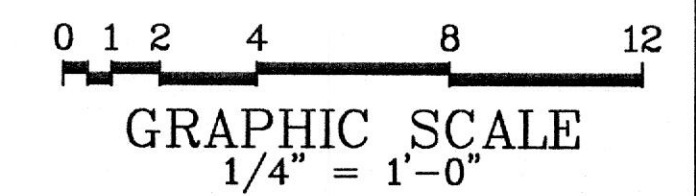


**SPECIFIC NOTES (APPLY TO DRAWING E-1.1 WHERE INDICATED):**

① COORDINATE EXACT LOCATION WITH ARCHITECT



**FLOOR PLAN - POWER**  
SCALE: 1/4" = 1'-0"



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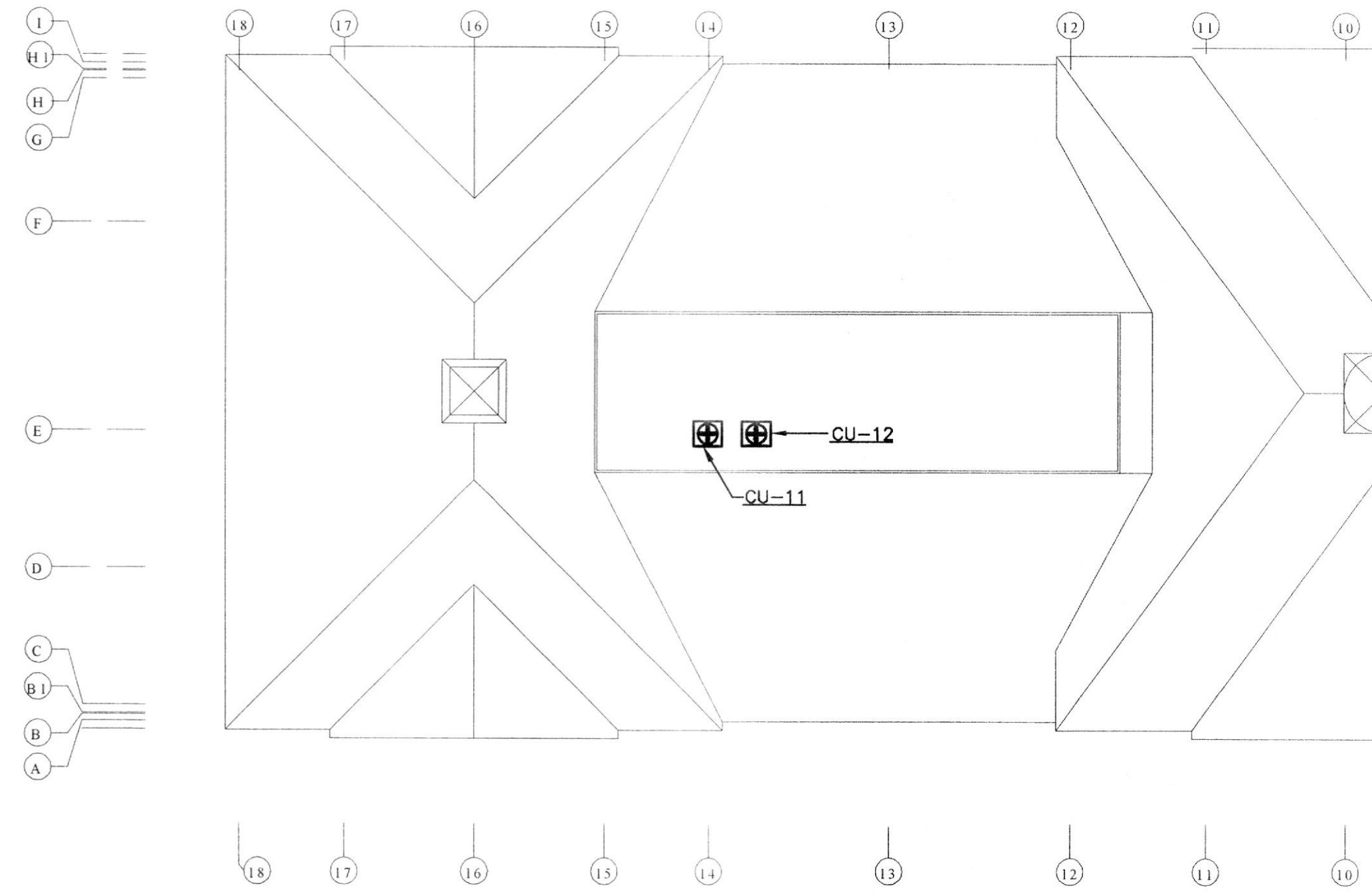
**DRAWN BY:**  
**REVIEWED BY:**  
**PROJECT NO.:** 03307  
**DATE:** 06.25.03  
**SCALE:** AS SHOWN  
**DWG:** FLOOR PLAN - POWER

**SHEET NO.:**  
**E-1.1**  
2 OF 4

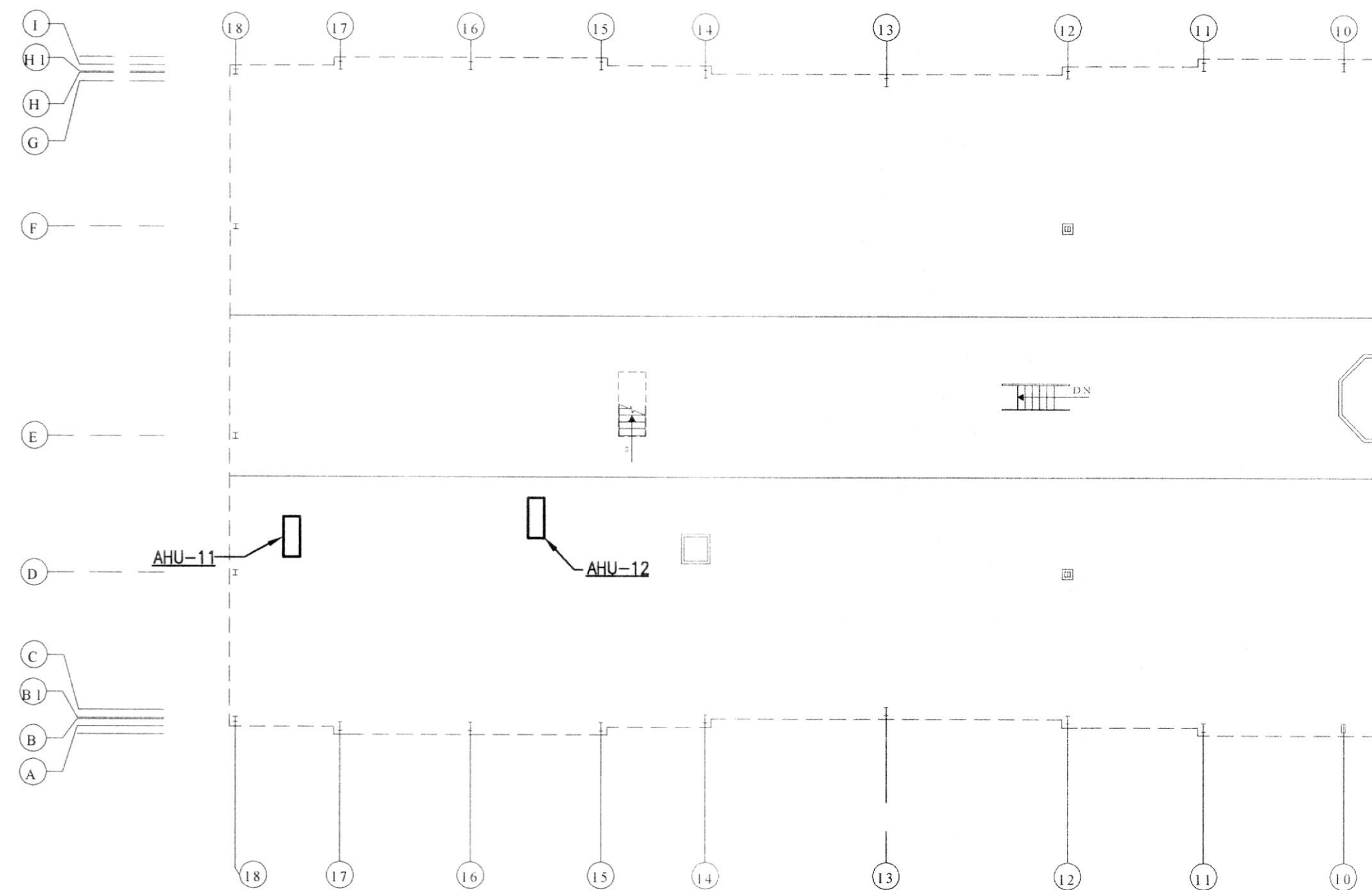


**SPECIFIC NOTES (APPLY TO DRAWING E-2.1 WHERE INDICATED):**

① x.



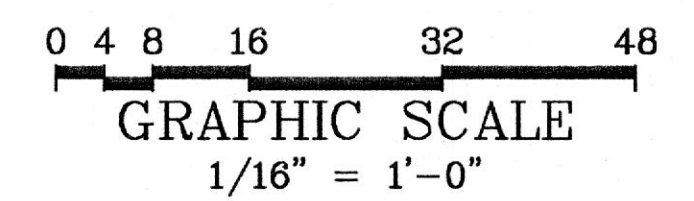
**① ROOF PLAN - ELECTRICAL**  
SCALE: 1/16" = 1'-0"



**② ATTIC PLAN - ELECTRICAL**  
SCALE: 1/16" = 1'-0"

DESIG.	LOAD	UNIT	VOLTS	PHASE	FSS @ UNIT			STARTER	RECEPTACLE CIRCUIT (1)	CIRCUIT REMARKS
					POLE	FRAME	FUSE			
AHU-11	55	AMPS	208	3	3	60A	60A	N/A	24(TB)	25(TB)
AHU-12	55	AMPS	208	3	3	60A	60A	N/A	24(TB)	31(TB)
CU-11	30	AMPS	208	1	2	60A	45A	N/A	24(TB)	26(TB)
CU-12	31	AMPS	208	1	2	60A	45A	N/A	24(TB)	30(TB)
EF-1 (2)	100	WATTS	120	1	PROVIDED BY DIVISION		15000	(2)	N/A	8(TB)
EF-2 (2)	100	WATTS	120	1	PROVIDED BY DIVISION		15000	(2)	N/A	8(TB)
WH-1	4.5	KW	208	1	2	30A	N/A	N/A	N/A	34(TB)

**NOTES:**  
(1) PROVIDE WP/GFI RECEPTACLE ON WITHIN 25' OF UNIT. CONNECT TO CIRCUIT INDICATED  
(2) PROVIDE TOGGLE SWITCH IN ROOM FOR CONTROL



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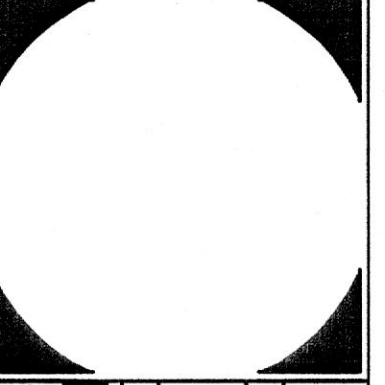
NO.	REVISIONS:	DATE
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**REVIEWED BY:**  
**PROJECT NO.:** 03307  
**DATE:** 06.25.03  
**SCALE:** AS SHOWN

**DWG:**  
**ATTIC AND ROOF PLANS - ELECTRICAL**

**SHEET NO.:**  
**E-2.1**  
3 OF 4





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**DATE:** 06.25.03  
**SCALE:** AS SHOWN  
**DWG:** SCHEDULES, LEGEND, AND ABBREVIATIONS  
**SHEET NO.:** E-2.2  
4 OF 4

### LIGHTING FIXTURE SCHEDULE

NOTE: VERIFY CEILING AND WALL CONSTRUCTION AND FINISHES WITH THE ARCHITECT'S DRAWINGS AND FINISH SCHEDULES FURNISH PROPER MOUNTING FRAMES, BRACKETS AND HARDWARE AS REQUIRED TO BE COMPATIBLE WITH ARCHITECTURAL FINISHES. MOUNTING HEIGHTS INDICATED ARE TO BOTTOM OF FIXTURE

TYPE	DESCRIPTION	VOLTS	LAMPS	MAX W.	MOUNTING	MANU. / MODEL No. (OR APPROVED EQUAL)
A	2'X4' FLUORESCENT TROFFER W/ A12 .125" THICK ACRYLIC DIFFUSER & ELECTRONIC BALLAST	120	3	32W TB	96	LITHONIA 2SP SERIES
B	2' X 4' FLUORESCENT STATIC PARABOLIC LOW IRIDESCENT, SEMI SPECULAR 18 CELL LOUVER, 5 1/2" DEEP HOUSING & ELECTRONIC BALLAST	120	3	32W TB	96	LIGHTOLIER PARALYTE 2448 SERIES
B1	SIMILAR TO FIXTURE B EXCEPT 2X2	120	3	17W TB	55	LIGHTOLIER PARALYTE 2448 SERIES
C	INDIRECT FLUORESCENT FIXTURE WITH SELF-CONTAINED COVE HOUSING ELECTRONIC BALLAST	120	2	2' - F17TB 3' - F25TB 4' - F32TB	20 PER LIN. FT.	ALS LC12 SERIES
D	INCANDESCENT DOWNLIGHT W/ 4 1/2" APERTURE MULTI-GROOVE BLACK BAFFLE WHITE POLYCARBONATE TRIM RING AND DIE-CAST ALUMINUM FRAME	120	1	75W LONG NECK PAR 30	75	LIGHTOLIER CALULITE A7058MG SERIES
EM	DUAL HEAD EMERGENCY FIXTURE WITH SELF-CONTAINED MAINTENANCE FREE LEAD CALCIUM BATTERY AND THERMOPLASTIC HOUSING	120	2	8W HALOGEN	15	LITHONIA 6ELM2 SERIES
EX	INTERNALLY ILLUMINATED EXIT SIGN WITH INJECTION MOLDED WHITE POLYCARBONATE HOUSING, LED LAMPS, SEALED MAINTENANCE FREE NICKEL CADMIUM BATTERY AND BUILT IN CHARGER.	120	---	LED'S	10	LITHONIA LQM SERIES

### ELECTRICAL LEGEND

- S SINGLE POLE SWITCH - M.H. 48" A.F.F.
- WIRING IN OR ON CEILINGS AND WALLS. FOR BRANCH CIRCUITS, HASH MARKS INDICATE THE NUMBER OF CONDUCTORS IF MORE THAN THE DEFAULT OF 2 PLUS GROUND. SEE PANELBOARD SCHEDULE FOR WIRING METHOD, SIZES OF CONDUCTORS AND SIZES OF CONDUIT WHERE APPLICABLE.
- HOMERUN TO PANEL. HASH MARKS INDICATE THE NUMBER OF CONDUCTORS IF MORE THAN THE DEFAULT OF 2 PLUS GROUND. SEE PANELBOARD SCHEDULE FOR WIRING SIZES AND NUMBER OF CONDUCTORS.
- LIGHTING FIXTURE - 2'X4' FLUORESCENT FIXTURE TYPE AS SPECIFIED
- LIGHTING FIXTURE - 2'X2' FLUORESCENT FIXTURE TYPE AS SPECIFIED
- LIGHTING FIXTURE - FLUORESCENT STRIP - TYPE AS SPECIFIED
- EMERGENCY LIGHT - TYPE AS SPECIFIED
- EXIT SIGN - UNIVERSAL MOUNTING. NUMBER OF SHADED AREAS INDICATE NUMBER OF FACES. ARROWS INDICATED DIRECTIONAL FACE.
- DUPLEX RECEPTACLE - NEMA 5-20R CONFIGURATION - M.H. 18" A.F.F.
- DUPLEX RECEPTACLE - 5-20R NEMA CONFIGURATION GROUND FAULT INTERRUPT - M.H. 18" A.F.F.
- SINGLE RECEPTACLE - NEMA CONFIGURATION AS NOTED - M.H. 18" A.F.F.
- DIAGONAL LINE DENOTES RECEPTACLE MOUNTED AT 42" A.F.F. OR 8" ABOVE COUNTER
- DUPLEX RECEPTACLE - 5-20R NEMA CONFIGURATION - RECESSED FLOOR MOUNTED
- PANELBOARD - SURFACEMOUNTED, RECESSED MOUNTED - M.H. 6'-6" TO TOP
- TELEPHONE/DATA OUTLET BOX WITH BLANK COVER PLATE AND 3/4" CONDUIT UP TO NEARBY ACCESSIBLE CEILING SPACE - M.H.= 18" A.F.F.
- TELEVISION OUTLET (SINGLE TAP) AT 18" A.F.F.
- GROUND - SUBSCRIPT DENOTES SIZE

### ABBREVIATIONS

- A.F.F. ABOVE FINISHED FLOOR
- A. AMP. AMPERE (S)
- A.I.C. AMPERES INTERRUPTING CAPACITY
- A.V. AUDIO-VISUAL
- A.H.J. AUTHORITIES HAVING JURISDICTION
- A.T.S. AUTOMATIC TRANSFER SWITCH
- CKT. CIRCUIT
- C. CONDUIT
- C.T. CURRENT TRANSFORMER(S)
- E.C. ELECTRICAL CONTRACTOR
- EW. ELECTRIC WATER COOLER
- EX. EXISTING
- ER. EXISTING RELOCATED
- ETR. EXISTING TO REMAIN
- FAP. FIRE ALARM PANEL
- FVNR. FULL VOLTAGE NON-REVERSING
- GRD. GROUND
- GI. GROUND FAULT CURRENT INTERRUPTING
- H.I.D. HIGH INTENSITY DISCHARGE
- HP. HORSEPOWER
- IT. INFORMATION TECHNOLOGY
- JB OR J-BOX. JUNCTION BOX
- KVA. KILOVOLT AMPERES
- LTG. LIGHTING
- M.C.B. MAIN CIRCUIT BREAKER
- M.L.O. MAIN LUGS ONLY
- MC. METAL CLAD CABLE
- MH. METAL HALIDE
- MIN. MINIMUM
- MTD. MOUNTED
- M.H. MOUNTING HEIGHT
- N.C. NORMALLY CLOSED
- NEMA. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
- N.O. NORMALLY OPEN
- NO. # NUMBER
- Ø PHASE
- P. POLE (S)
- PNL. PANEL
- REC., RECP.T. RECEPTACLE (S)
- MCM. THOUSAND CIRCULAR MILS
- TYP. TYPICAL
- U.O.N. UNLESS OTHERWISE NOTED
- V. VOLT (S)
- V.A. BY WAY OF
- W. WATTS
- W. WIRE
- WP. WEATHERPROOF

### T6

V: 120/208 Bus: 226A Remarks: Conn. KVA: 64.7 DEM. KVA: 64.7  
Ph: 3 Main: MLO Sum/Avg: 66.202 185 DEM. AMPS: 180  
W: 4 Mtg: SURFACE A: 22.202 186 SPARE: 5  
AC: 10k Poles: 4Z B: 22.69 190 MCA: 202  
C: 21.31 178

CKT	FOR	Notes	CIRCUITING						CB	LOAD	CKT	FOR	Notes	CIRCUITING						CB	LOAD
			SETS	NO	SIZE	C	P	A						KVA	SETS	NO	SIZE	C	P		
1	REC: EXAM 212	1,2	1	2/1	12/12	3/4"	1	20	1.08	2	REC: EXAM 210	1,2	1	2/1	12/12	3/4"	1	20	1.08	a	
3	REC: OFFICE 209		1	2/1	12/12	3/4"	1	20	0.90	4	REC: EXAM 207		1	2/1	12/12	3/4"	1	20	1.08	b	
6	REC: OFFICE 209		1	2/1	12/12	3/4"	1	20	1.26	6	REC: TOILET 215		1	2/1	12/12	3/4"	1	20	0.18	c	
7	REC: LOUNGE 217		1	2/1	12/12	3/4"	1	20	0.54	8	REC: LOUNGE 217		1	2/1	12/12	3/4"	1	20	0.54	a	
9	REC: REFRIGERATOR		1	2/1	12/12	3/4"	1	20	0.18	10	REC: MEDICAL SUPPLIES		1	2/1	12/12	3/4"	1	20	0.54	b	
11	REC: LAB 206	1,2	1	2/1	12/12	3/4"	1	20	0.36	12	REC: REFRIGERATOR		1	2/1	12/12	3/4"	1	20	0.18	c	
13	REC: EXAM 204	1,2	1	2/1	12/12	3/4"	1	20	1.08	14	REC: WATER COOLER		1	2/1	12/12	3/4"	1	20	0.18	a	
15	REC: MANAGER 203		1	2/1	12/12	3/4"	1	20	0.90	16	REC: RECEPTION 202		1	2/1	12/12	3/4"	1	20	0.36	b	
17	REC: RECEPTION 202		1	2/1	12/12	3/4"	1	20	1.08	18	REC: COPY/FAX		1	2/1	12/12	3/4"	1	20	0.18	c	
19	REC: CORRIDOR 205		1	2/1	12/12	3/4"	1	20	0.54	20	LTG: EXAM 204	1	1	2/1	12/12	3/4"	1	20	0.96	a	
21	LTG: BLDG. CORRIDOR		1	2/1	12/12	3/4"	1	20	1.46	22	LTG: TOILET 215		1	2/1	12/12	3/4"	1	20	0.87	b	
23	LTG: CORRIDOR 205		1	2/1	12/12	3/4"	1	20	0.87	24	REC:MECH EQUIP		1	2/1	12/12	3/4"	1	20	0.80	c	
25	AHU-11		1	---	6/10	1"	3	60	6.00	26	CU-11		1	2/1	8/10	3/4"	2	45	2.10	a	
27	---		---	---	---	---	---	---	6.00	28	---		---	---	---	---	---	---	2.10	b	
29	---		---	---	---	---	---	---	6.00	30	CU-12		1	2/1	8/10	3/4"	2	45	2.10	c	
31	AHU-12		1	3/1	6/10	1"	3	60	6.00	32	---		---	---	---	---	---	---	2.10	a	
33	---		---	---	---	---	---	---	6.00	34	WH-1		1	2/1	10/10	3/4"	2	30	2.30	b	
35	---		---	---	---	---	---	---	6.00	36	---		---	---	---	---	---	---	2.30	c	
37	SPACE		---	---	---	---	---	---	---	38	SPARE		---	---	---	---	---	---	1	20	a
39	SPACE		---	---	---	---	---	---	---	40	SPACE		---	---	---	---	---	---	---	---	b
41	SPACE		---	---	---	---	---	---	---	42	SPACE		---	---	---	---	---	---	---	---	c

- NOTES:  
(1) UTILIZE HOSPITAL GRADE MC CABLE  
(2) UTILIZE HOSPITAL GRADE RECEPTACLES

