

1 NEW CONSTRUCTION PLAN
A2 SCALE: 1/8" 1'-0"

APPLICABLE BUILDING CODES:
 2000 ICC INTERNATIONAL BLDG CODE w/amendments by Ordinance #02-06-302
 2000 ICC INTERNATIONAL FIRE PREVENTION CODE
 2000 ICC INTERNATIONAL MECHANICAL CODE
 2000 NFPA 101 LIFE SAFETY CODE (call 301-631-3463 for amendments)
 2000 NFPA 1 FIRE PREVENTION CODE (call 301-631-3463 for amendments)
 2002 NEC NATIONAL ELECTRICAL CODE by Ordinance #02-07-303
 2000 ICC INTERNATIONAL PLUMBING CODE w/amendments by Ordinance #02-08-304
 2000 ICC INTERNATIONAL FUEL GAS CODE, excluding Chapter 1 - Administration w/amendments by Ordinance #02-08-304
 MARYLAND ACCESSIBILITY CODE
 2000 ICC INTERNATIONAL ENERGY CONSERVATION CODE, CHAPTER 13, ASHRAE/IES-93 based on Ashrae/IES 90.1-1989 with revisions through October 7, 1997 including Errata and Addendum 90.1c-1993.

GENERAL NOTES
 BUILDING OWNER:
 TENANT: FREDERICK RADIOLOGY & PET CENTER
 FIRST FLOOR
 SITE: 46 E THOMAS JEFFERSON DRIVE
 FREDERICK, MD
 EXISTING CONSTRUCTION: TYPE II-B - TWO-STORY MASONRY/STEEL OFFICE BUILDING
 PROPOSED CONSTRUCTION: 8,186 SQ FT RENOVATION
 FULLY SPRINKLERED
 ENTIRE BUILDING:
 PROPOSED USE: USE GROUP "B" OFFICE
 TABLE 503 ALLOWABLE AREA: 23,000 SQ FT PLUS AREA INCREASE
 FOR SPRINKLERS - 300% = 92,000 SQ FT
 HVAC: ADD DUCTWORK AND DIFFUSERS
 LIGHTING: GENERAL LIGHTING WITH EXIT AND EMERGENCY LIGHTING
 INSULATION: N/A
 SANITARY FACILITIES: EXISTING
 HANDICAPPED FACILITIES: PROVIDED

ADDITIONAL NOTES:
 • DOOR HANDLES SHALL BE LEVER TYPE, NON-LOCKING FROM INSIDE.
 • EXIT AND EMERGENCY LIGHTING IS TO BE LOCATED AS REQUIRED PER CODE.
 • FIRE EXTINGUISHERS SHALL BE LOCATED AT TIME OF FIELD INSPECTION.
 • ALL LOCKS TO BE MASTER KEYED/COORDINATED WITH TENANT

NOTE: SPACE HAS NOT BEEN FIELD MEASURED. DRAWINGS ARE BASED ON N. M. ABDULLA & ASSOCIATES CONSTRUCTION DRAWINGS DATED 2/1/02.

- GENERAL CONSTRUCTION NOTES:
- VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. NOTIFY THE DESIGNER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.
 - DIMENSIONS ARE FROM FACE OF GUB UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE INTENDED TO BE HELD UNLESS INDICATED WITH +/- FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION AND/OR INSTALLATION OF BUILDING COMPONENTS.
 - CLARIFY ANY DISCREPANCIES IN DRAWINGS W/DESIGNER BEFORE PROCEEDING WITH WORK.
 - WHERE SPECIFIC DETAILING IS NOT SHOWN, EXECUTE THE CONSTRUCTION IN A SOUND, WORKMANLIKE MANNER CONSISTENT WITH THE OTHER DETAILING SHOWN.
 - PROVIDE BLOCKING WITHIN PARTITIONS FOR ALL WALL-MOUNTED FURNISHINGS, EQUIPMENT AND ACCESSORIES. SEE SHEET A5 FOR BLOCKING NOTES.
 - TYPICAL CONSTRUCTION SHALL ALLOW 5" BETWEEN HINGED SIDE OF DOOR OPENING TO PERPENDICULAR PARTITION, INCLUDING FRAME, UNLESS NOTED OTHERWISE.
 - ALL NEW PARTITIONS THAT ARE NOT IDENTIFIED SHALL BE TYPE I.
 - RF SHIELDING TO BE BID TO NOT LESS THAN 3 VENDORS. NAMES AND CONTACTS WILL BE PROVIDED. RF SHIELDING TO BE PROVIDED AND INSTALLED BY SELECTED VENDOR.
 - ROOMS 101, 102, 103, 116, 117, 141, 145, 147 AND 143 ARE TO BE CONSTRUCTED TO THE SPECIFICATIONS IN THE DRAWINGS PROVIDED BY SIEMENS MEDICAL SYSTEMS, INC. CONTRACTOR IS RESPONSIBLE FOR THESE ROOMS MEETING THE SITE READINESS GUIDELINES PROVIDED IN THOSE DOCUMENTS.
 - REFER TO KRUEGER-GILBERT HEALTH PHYSICS, INC. REPORT REGARDING REQUIRED SHIELDING FOR ROOMS 116, 117, 144, AND 147. DISCREPANCIES IN THE DRAWINGS OR THE REPORT SHOULD BE BROUGHT TO THE ATTENTION OF THE DESIGNER BEFORE PROCEEDING WITH WORK.
 - ALL REST ROOMS TO BE HANDICAP ACCESSIBLE.
 - PROVIDE COLD WATER LINE AND DRAIN TO DARK ROOM. LOCATION TO BE DETERMINED.
 - INSTALL RECESSED SPRINKLER HEADS IN FILM ROOM.
 - PROVIDE AND INSTALL FIVE 3/4" WHITE MELBOARD SHELVES W/SELF EDGE BAND. SHELVES TO BE FULL WIDTH SHOWN ON PLAN X 1'-6" D. SECURE SHELVES ON 1 X 2 LEDGER STRIPS AT WALLS AND 1" THICK WHITE MELBOARD EDGE-BANDED VERTICAL SUPPORTS AT CENTER OR AT SPANS NOT GREATER THAN 4'-0". BOTTOM SHELF TO BE 18" AFF WITH REMAINING SHELVES @ 15" CLEAR BETWEEN.
 - INSTALL 4' X 8' SHEET OF 3/4" PLYWOOD IN STORAGE AREA FOR TELEPHONE.

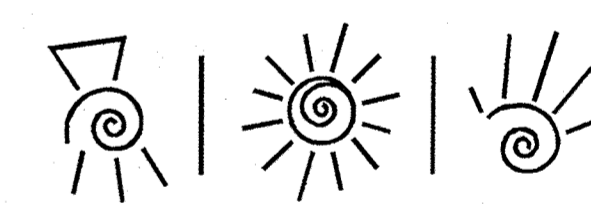
LEGEND:
 ——— NEW PARTITION
 ——— EXISTING PARTITION TO REMAIN
 (1) INDICATES WALL TYPE SEE SHT. A5
 (A) INDICATES BLOCKING NOTE SEE SHT. A5
 (16) INDICATES WINDOW TYPE SEE SHT. A6
 (101) INDICATES DOOR TYPE SEE SHT. A6

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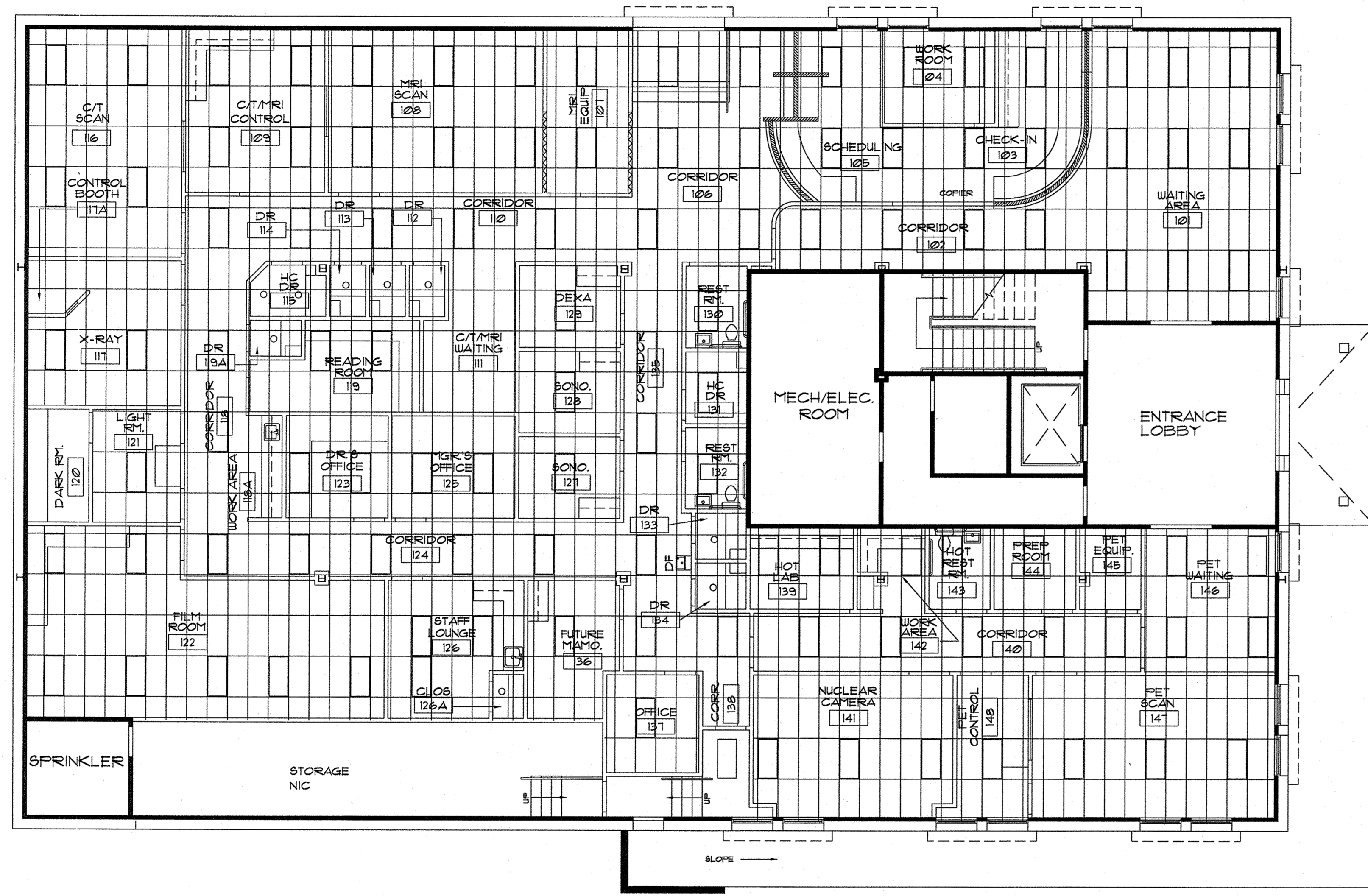


DATE	REVISIONS

DATE: 12/28/02	SCALE: 1/8" 1'-0"
DRAWN BY: HSB	CHECKED BY:
APPROVED:	ISSUE DATE:

CONSTRUCTION PLAN	PROJECT NO: 2002-05
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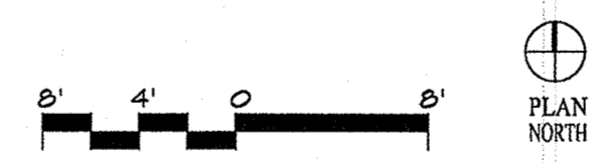
LIGHTING LEGEND

- A 2' X 4' FLUORESCENT LUMINAIRE - FOUR LAMP WITH 1 1/2" X 1 1/2" EGGRATE LOUVRES OR PRISMATIC LENS
- B 2' X 4' FLUORESCENT LUMINAIRE - FOUR LAMP WITH 1 1/2" X 1 1/2" EGGRATE LOUVRES OR PRISMATIC LENS CONNECTED TO 24-HOUR EMERGENCY SYSTEM
- C 2' X 2' FLUORESCENT LUMINAIRE - TWO LAMP WITH 1 1/2" X 1 1/2" EGGRATE LOUVRES OR PRISMATIC LENS
- D SURFACE-MOUNTED 1X4 FLUORESCENT LUMINAIRE WITH WRAP-AROUND LENS
- LIGHTTOLER OR EQUAL RECESSED WALLWASHER WITH TURBO MEDIUM BEAM LAMP, 6" APERTURE
- LIGHTTOLER OR EQUAL RECESSED WALLWASHER WITH TURBO FLOOD LAMP, 6" APERTURE WITH CLEAR ALZAK TRIM
- UNDER-CABINET FLUORESCENT UTILITY LAMP, SIZE SHOWN IN FEET (3,4) MOUNTED IMMEDIATELY BEHIND LIGHTING APRON
- Ⓜ EMERGENCY LIGHT/BATTERY PACK, WALL-MOUNTED @ 1'-6" O.C. AFF
- Ⓢ WALL-MOUNTED EXIT SIGN
- ⓈⓈ WALL-MOUNTED EXIT SIGN W/ DIRECTIONAL ARROW
- ⓈⓈⓈ CEILING-MOUNTED EXIT SIGN W/ DIRECTIONAL ARROWS
- S SWITCH, MOUNTED 48" AFF
- S₃ THREE-WAY SWITCH
- S_D SWITCH WITH DIMMER
- M LOCATION OF MAIN RUNNERS
- Ⓢ CEILING SPEAKER

GENERAL REFLECTED CEILING PLAN NOTES

1. COORDINATE MECHANICAL/ELECTRICAL REQUIREMENTS WITH MEC/ELEC CONTRACTOR. SOME ITEMS NOT SHOWN (I.E. DIFFUSERS, ETC.).
2. CENTER ALL FIXTURES INCLUDING SPRINKLER HEADS IN CEILING TILES UNLESS NOTED OTHERWISE.
3. COORDINATE ALL SWITCHING AND CIRCUITING WITH ELECTRICAL DESIGN/BUILD CONTRACTOR.
4. COORDINATE ALL LOCATIONS OF DIFFUSERS AND RETURNS WITH DESIGN BUILD MECHANICAL CONTRACTOR. NOTIFY DESIGNER WHERE CONFLICTS OCCUR.

1 REFLECTED CEILING PLAN
A4 SCALE: 1/8" = 1'-0"



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REVISIONS	DATE

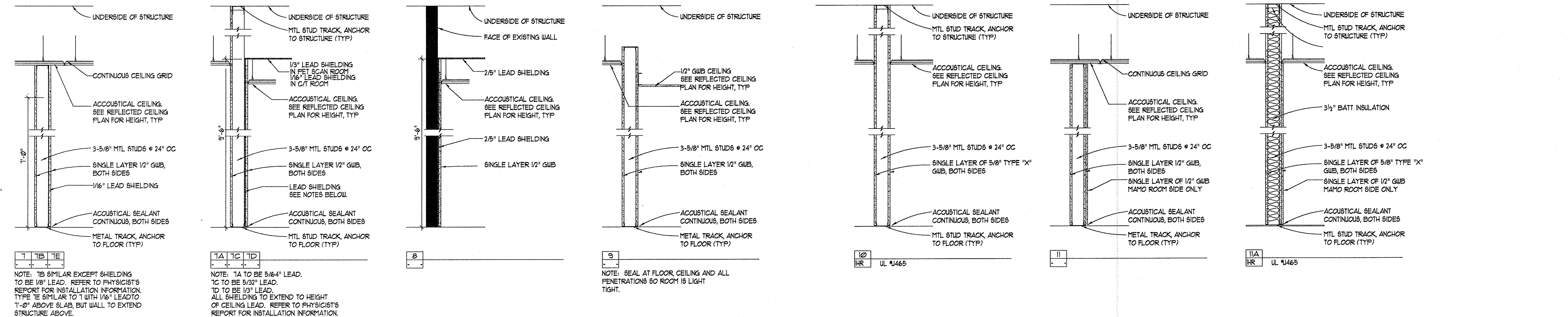
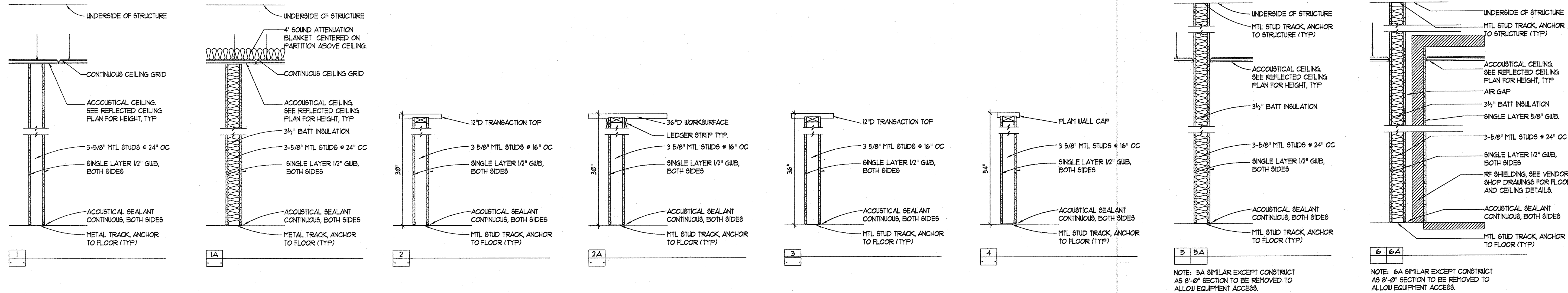
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REFLECTED CEILING PLAN	PROJECT NO: 2002-05
A3	

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PARTITION TYPES

3/4" = 1'-0"



BLOCKING NOTES:

PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED WORKSURFACES INDICATED ON PLAN. SEE SHT. A6 FOR HEIGHTS.

- A INSTALL CONTINUOUS BLOCKING TO FLYWOOD BLOCKING TO 8'-0" AFF FOR WALL MOUNTED SHELVES. SEE SHT. A1 NOTE 15.
- B INSTALL BLOCKING FOR STANDARD BASE AND WALL MOUNTED CABINETS. SEE SHT. A6 FOR HEIGHTS.
- C INSTALL 2X4 BLOCKING @ 23 1/2" AFF FOR WALL MOUNTED WORKSURFACES W/ CONTINUOUS FLYWOOD BLOCKING FROM 44" AFF TO 8'-0" AFF.
- D INSTALL 2X4 WOOD BLOCKING @ 18" AFF FOR WALL MOUNTED DRESSING ROOM BENCH. INSTALL BLOCKING FOR LOCKERS. SEE SHT. A6 FOR DETAILS.

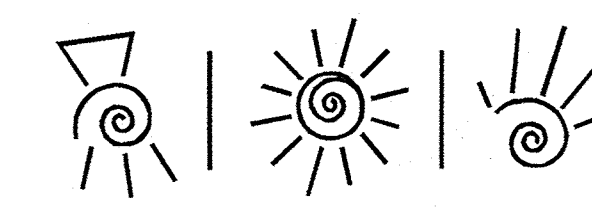
WALL NOTES:

1. ALL WALL TO BE 3 5/8" 25 GAUGE METAL STUDS 24" OC WITH 1/2" GYPSUM WALL BOARD BOTH SIDES, UNLESS NOTED OTHERWISE.
2. FOR WALL TYPES 1 - 7E AND WALL TYPE 8:
 - A. PER KRUEGER - GILBERT'S REPORT, THE JOINTS IN THE LEAD SHEET SHALL BE CONSTRUCTED SO THAT THEIR SURFACES ARE IN CONTACT AND OVERLAP NOT LESS THAN 1/2".
 - B. PER KRUEGER - GILBERT'S REPORT, THE LEAD SHALL BE FIXED TO EACH STUD WITH LEAD HEAD NAILS OR NAILED WITH LEAD WASHERS AND SHALL HAVE A MAXIMUM VERTICAL SPACING NOT GREATER THAN 18". NAIL HOLES WITHOUT LEAD HEAD NAILS SHALL BE COVERED WITH SUPPLEMENTAL LEAD EQUAL IN THICKNESS TO THE BARRIER.

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WALL TYPES

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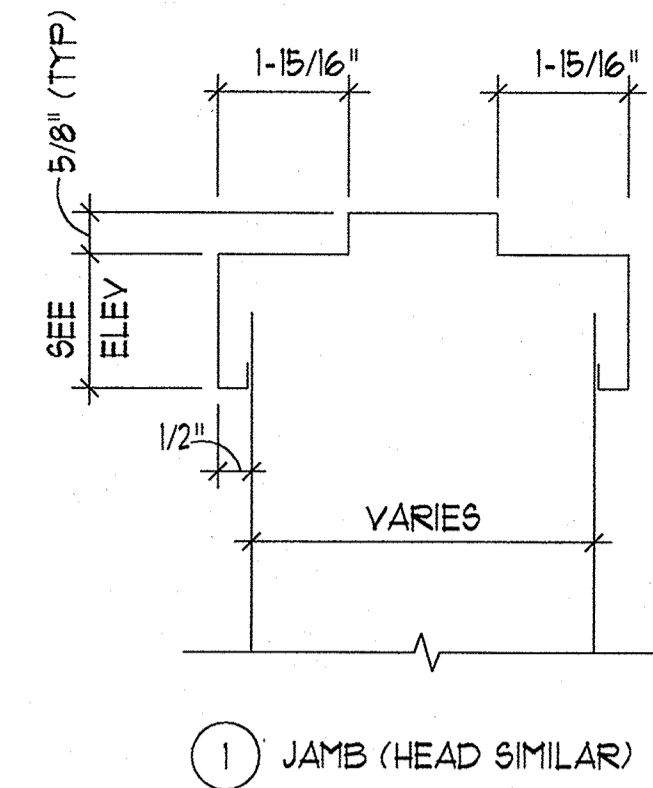
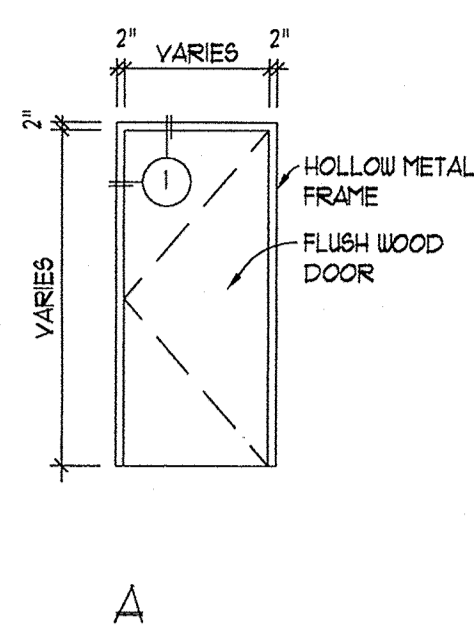
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DOOR AND FRAME TYPES

1/4" = 1'-0"

FRAME PROFILES - STANDARD FRAMES ONLY

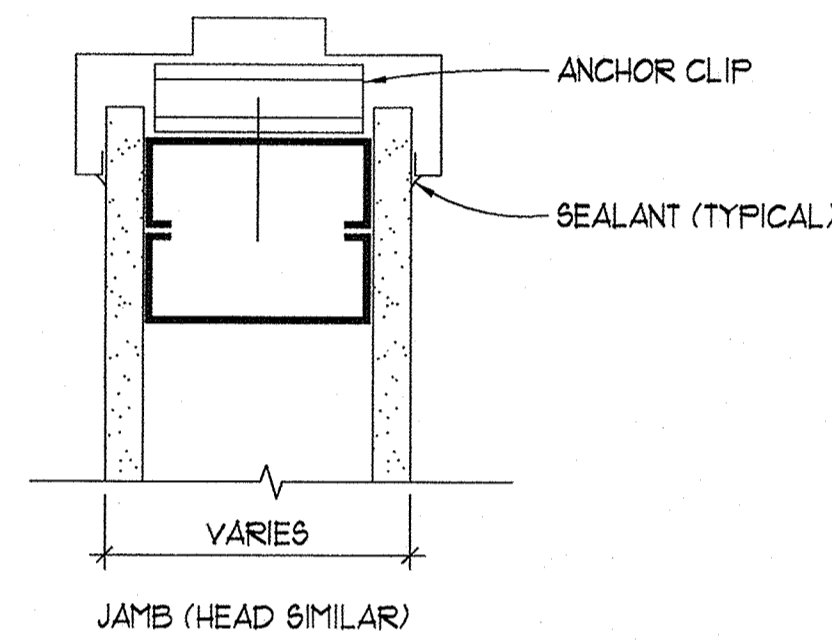
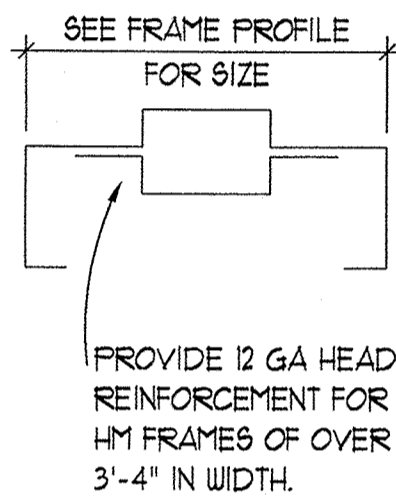
3" = 1'-0"



1 JAMB (HEAD SIMILAR)

3" = 1'-0"

DOOR AND FRAME NOTES



NOTES:

- 1. PROVIDE 12 GAUGE HEAD REINFORCEMENT FOR FRAMES OVER 3'-4" IN WIDTH.
- 2. ALL FRAMES SHALL BE LOCATED AT A MINIMUM OF 2" FROM ADJACENT CONSTRUCTION UNLESS NOTED OTHERWISE.
- 3. WHERE FLAT HEADED METAL SCREWS ARE USED, DIMPLE THE FRAME. PAINTING CONTRACTOR TO FILL FLUSH BEFORE PAINTING.
- 4. ALL EXTERIOR DOORS ARE TO HAVE WEATHER SEALS.
- 5. ALL HOLLOW METAL DOORS AND FRAMES SHALL BE SHOP PRIME AND FIELD FINISH PAINTED.
- 6. ALL HOLLOW METAL AND ALL WOOD DOORS SHALL BE 1-3/4" THICK.
- 7. ALL DOOR LIGHTS AND Sidelight GLAZING TO COMPLY WITH STATE AND FEDERAL SAFETY GLAZING REQUIREMENTS.
- 8. DOOR AND FRAME FINISH TO BE DETERMINED.
- 9. LEVER TYPE HANDLES ARE TO BE PROVIDED ON ALL DOORS UNLESS NOTED OTHERWISE. HARDWARE FINISH TO BE DETERMINED.
- 10. WHERE REQUIRED, DOORS, FRAMES AND DOOR BUCKS SHALL HAVE SAME EFFECTIVE SHIELDING AS WALL IN WHICH THEY ARE LOCATED.

ELEVATIONS

3/4" = 1'-0"

Door Schedule

NUMBER	DOOR SIZE	THICKNESS	CONSTRUCTION	FINISH	GLASS	RATING	FRAME	HARDWARE	CLOSER	REMARKS
102	3'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	passage	yes	
104	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	lockset	yes	
105	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	passage	yes	
107	3'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	lockset	no	
108	4'0" x 8'0"	1-3/4	SCW	Paint grade wood				passage		door & frame to have rf shielding
109	3'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	passage	no	
112	2'8" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
113	2'8" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
114	2'8" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
115	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
116	4'0" x 8'0"	1-3/4	SCW	Paint grade wood				passage	no	door & frame shielding to match wall
117	4'0" x 8'0"	1-3/4	SCW	Paint grade wood				passage	no	door & frame shielding to match wall
119	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	passage	no	
119A	2'8" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
120	3'0" x 8'0"	1-3/4	SCW	Paint grade wood					no	light tight rotating dark room door
122	3'0" x 6'8"	1-3/4	SCW	Paint grade wood		C label	HM	lockset	yes	
123	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	lockset	no	
123	3'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	passage	no	
125	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	lockset	no	
126	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	passage	no	
126A	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	lockset	no	
127	3'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	passage	no	
129	3'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	passage	no	
130	3'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
131	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
132	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
133	2'8" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
134	2'8" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
136	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	passage	no	
137	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	lockset	no	louvered door
138	3'0" x 8'0"	1-3/4	SCW	Paint grade wood		C label	HM		no	
139	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	passage	yes	
140	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	passage	yes	
141	4'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	passage	no	
143	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	privacy	no	
144	3'0" x 6'8"	1-3/4	SCW	Paint grade wood				passage	yes	Door & frame shielding to match wall
145	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	lockset	yes	
146	4'0" x 8'0"	1-3/4	SCW	Paint grade wood			HM	passage	no	
147	4'0" x 8'0"	1-3/4	SCW	Paint grade wood				passage	no	Door & frame shielding to match wall
148A	3'0" x 6'8"	1-3/4	SCW	Paint grade wood			HM	passage	no	
148B	3'0" x 8'0"	1-3/4	SCW	Paint grade wood				passage	no	Door & frame shielding to match wall

Window Schedule

Number	Opening Size	Remarks
108	5'0" x 3'0"	
116	5'0" x 3'0"	
117A	1'6" x 1'6"	Window to be 18" from booth opening
147	6'0" x 3'0"	

WINDOW NOTES:

NOTES:

- 1. WINDOWS TO PROVIDE THE SAME EFFECTIVE SHIELDING AS WALL INTO WHICH THEY ARE INSERTED.
- 2. PLATE GLASS MAY BE USED FOR SHIELDING PROVIDED THE DENSITY EXCEEDS 141 LBS/CU. FT. CONSTRUCTION UNLESS NOTED OTHERWISE.
- 3. GLAZING TO COMPLY WITH STATE & FEDERAL SAFETY GLAZING REQUIREMENTS.
- 4. BOTTOM OF GLASS TO BE LOCATED 42" AFF EXCEPT IN CONTROL BOOTH ITA WHICH IS TBD.

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SCHEDULES/DETAILS
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