



Certificate of Design Application

From Designer: FRANCIS CAUFFMAN
 Date: NOVEMBER 16, 2007
 Job Name: FORE RIVER MEDICAL PAVILION - ALL ABOUT WOMEN
 Address of Construction: 195 FORE RIVER PARKWAY, PORTLAND, ME 04101

2003 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year IBC-2003 Use Group Classification (s) B - BUSINESS

Type of Construction 2B

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC YES

Is the Structure mixed use? NO If yes, separated or non separated or non separated (section 302.3) N/A

Supervisory alarm System? YES Geotechnical/Soils report required? (See Section 1802.2) NO

REFERENCE "CORE & SHELL PERMIT NUMBER (061802) FOR THE INFORMATION LISTED BELOW

Structural Design Calculations

Submitted for all structural members (106.1 - 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown

Wind loads (1603.1.4, 1609)

- Design option utilized (1609.1.1, 1609.6)
- Basic wind speed (1809.3)
- Building category and wind importance Factor, I_w (table 1604.5, 1609.5)
- Wind exposure category (1609.4)
- Internal pressure coefficient (ASCE 7)
- Component and cladding pressures (1609.1.1, 1609.6.2.2)
- Main force wind pressures (7603.1.1, 1609.6.2.1)

Earth design data (1603.1.5, 1614-1623)

- Design option utilized
- Seismic use group ("Category")
- Spectral response coefficients, S_D & S_{D1} (1615.1)
- Site class

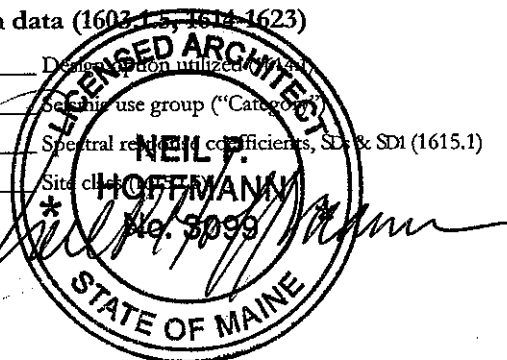
- Live load reduction
- Roof live loads (1603.1.2, 1607.11)
- Roof snow loads (1603.7.3, 1608)
- Ground snow load, P_g (1608.2)
- If $P_g > 10$ psf, flat-roof snow load P_f
- If $P_g > 10$ psf, snow exposure factor, C_e
- If $P_g > 10$ psf, snow load importance factor, I_s
- Roof thermal factor, C_t (1608.4)
- Sloped roof snowload, P_R (1608.4)
- Seismic design category (1616.3)
- Basic seismic force resisting system (1617.6.2)
- Response modification coefficient, R_f and deflection amplification factor C_d (1617.6.2)
- Analysis procedure (1616.6, 1617.5)
- Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)

- Flood Hazard area (1612.3)
- Elevation of structure

Other loads

- Concentrated loads (1607.4)
- Partition loads (1607.5)
- Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)





Barrier-Free Permit Fee Schedule

State Fire Marshal's Office
52 State House Station
Augusta, Maine 04333-0052

Tel: 207-626-3870
Fax: 207-287-6251

Make Check Payable to: "Treasurer, State of Maine"



Permit Fee		Construction Cost
\$25.00	For under	\$100,000.00
\$50.00	From	\$100,000.00
	but less than	\$350,000.00
\$150.00	From	\$350,000.00
	but less than	\$600,000.00
\$200.00	From	\$600,000.00
	but less than	\$2,000,000.00
\$250.00	From	\$2,000,000.00



General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>195 FORE RIVER PARKWAY, PORTLAND, ME 04101</u>		
Total Square Footage of Proposed Structure/Area <u>3240 SF</u>		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# Block# Lot#	Applicant * <u>must</u> be owner, Lessee or Buyer* Name Address City, State & Zip	Telephone:
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ _____ C of O Fee: \$ _____ Total Fee: \$ _____
Current legal use (i.e. single family) <u>BUSINESS-MEDICAL OFFICE BUILDING</u> If vacant, what was the previous use? <u>N/A</u> Proposed Specific use: <u>MEDICAL OFFICE SUITE</u> Is property part of a subdivision? <u>NO</u> If yes, please name <u>N/A</u> Project description: <u>TENANT FIT-OUT SPACE FOR THE ALL ABOUT WOMEN SUITE ON THE 4TH FLOOR OF THE NEWLY CONSTRUCTED MEDICAL OFFICE BUILDING.</u>		
Contractor's name: <u>LEDGEWOOD CONSTRUCTION</u> Address: <u>27 MAIN STREET</u> City, State & Zip: <u>SOUTH PORTLAND, ME 04106</u> Telephone: <u>207-767-1866</u> Who should we contact when the permit is ready: <u>KEVIN McCOSH</u> Telephone: _____ Mailing address: _____		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: [Handwritten Signature] Date: 11/19/07

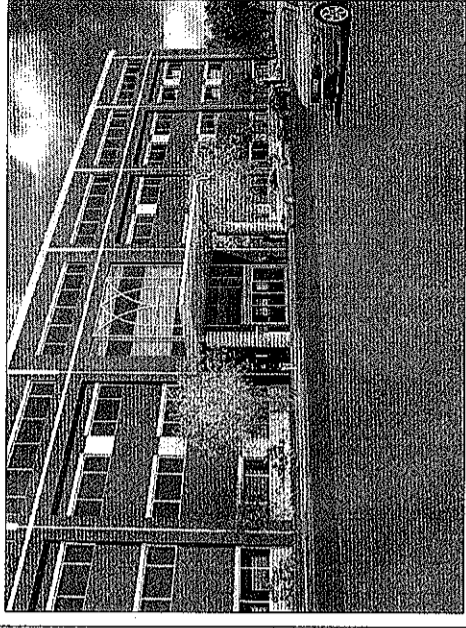
This is not a permit; you may not commence ANY work until the permit is issued

LANDMARK HEALTHCARE FACILITIES LLC

Mercy Hospital
Fore River Medical Pavilion
All About Women

Suite No.: 440
Floor No.: 4th

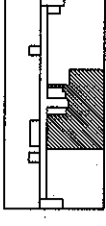
Building Rendering



LANDMARK
HEALTHCARE
FACILITIES, LLC

839 North Jefferson Street
Milwaukee, Wisconsin 53202
Telephone: (414) 277-0500
Facsimile: (414) 277-1055

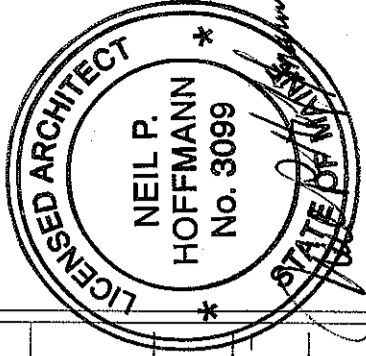
Key Plan



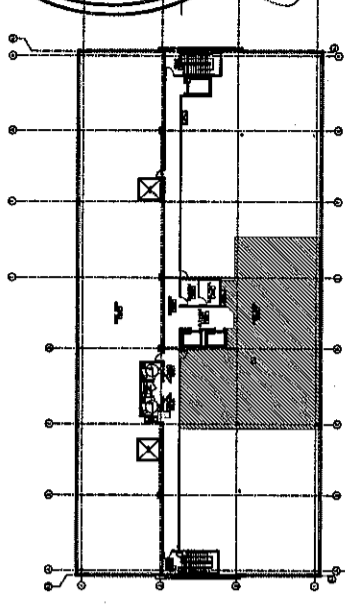
NORTH



Revisions



4th Floor Plan - Suite Location



Architectural

Francis Cauffman

2120 Arch Street
Philadelphia, PA 19103
Ph 215.568.8250
Fx 215.568.2639

Structural

O'Donnell & Naccarato

111 S. Independence Mall
Suite 950
Philadelphia, PA 19106
Ph 215-925-3788
Fx 215-627-1051

Mechanical/Plumbing

AKF ENGINEERS, LLP

1500 Walnut Street
Suite 1400
Philadelphia, PA 19102
Ph 215-735-7290
Fx 215-735-6706

Electrical

AKF ENGINEERS, LLP

1500 Walnut Street
Suite 1400
Philadelphia, PA 19102
Ph 215-735-7290
Fx 215-735-6706

Fire Protection

AKF ENGINEERS, LLP

1500 Walnut Street
Suite 1400
Philadelphia, PA 19102
Ph 215-735-7290
Fx 215-735-6706

T1.1 Title Sheet

T1.2 Title Sheet

A6.1 Floor Plan - Architectural (Partial)

A6.2 Floor Plan - Furnishings, Power and
Equipment Locations

A7.1 Room Finish Schedule and Details

A8.1 Interior Elevations

A8.2 Standard Casework Elevations

A8.3 Casework Sections

A8.4 Casework and Countertop Details

A9.1 Reflected Ceiling Plan

A10.1 Partition Types

A10.2 Partition Types and Details

A10.3 Interior Details

A10.4 Interior Details

A10.5 Interior Details

A11.1 Door Schedule and Details

A11.2 Equipment by Tenant Schedule

P060106-C.FP-1.0

P060106-C.FP-2.0

P060106-C.FP-3.0

P060106-C.E-1.0

P060106-C.E-2.0

P060106-C.E-3.0

P060106-C.E-4.0

P060106-C.E-5.0

P060106-C.E-5.1

P060106-C.E-6.0

P060106-C.H-1.0

P060106-C.H-2.0

P060106-C.H-3.0

P060106-C.P-1.0

P060106-C.P-1.1

P060106-C.P-2.0

P060106-C.P-3.0

P060106-C.P-4.0

P060106-C.P-5.0

Building Data / Code Summary

3,240 S.F.

- Code Reference: Building Code - International Building Code 2003
Accessibility Code - Maine Accessibility Code ICC / ANSI A117.1
Plumbing Code - International Plumbing Code 2003
Fire Protection Code - NFPA Code / City of Portland
Mechanical Code - International Mechanical Code 2003
Electrical Code - NEC National Electric Code 2005
- Occupancy / Use Group: Business Use Group B (IBC Code 2003)
New Business Occupancy (NFPA-101)
- Construction Type: Type II-B with approved automatic sprinkler system / IBC 2003
Type II (000) - Unprotected, Noncombustible with approved
supervised automatic sprinkler system / NFPA-101/220.
NFPA 13 - Install. of Sprinkler Systems, Ordinary Hazard
- Fire Resistance:
 - Exterior Wall - 0 Hr.
 - Shaft Wall - 1 Hr.
 - Corridor Wall - 0 Hr.
 - Demising Wall - 2 Hr.
 - Floor/Roof Construction - 0 Hr.
 - Columns/Beams - 0 Hr.
- Fire Protection System: Fully Sprinkled, Manual Fire Alarm

Sheet

Title Sheet

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

All About Women

Suite 440

Date

November 26, 2007

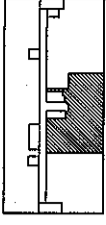
Project No.

F07-52566.03

Sheet No.

T1.1

Key Plan



NORTH



Revisions



Sheet

Title Sheet

Project

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Medical Office Bldg.
Portland, Maine

All About Women

Suite 440

Date

November 26, 2007

Project No.

F07-52566.03

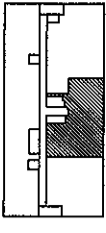
Sheet No.

T1.2

GENERAL NOTES

1. SUITE AREAS SHALL BE FINISHED IN THE CORE AND SHELL BUILDING PHASE AS NOTED BELOW:
 - A) EXTERIOR STUD WALLS: EXPOSED STUDS, INSULATION AND VAPOR BARRIER IF INDICATED BY WALL SECTIONS
 - B) EXTERIOR CONCRETE WALLS: EXPOSED STUDS OR FURRING, INSULATION AND VAPOR BARRIER
 - C) INTERIOR FIRE RATED PARTITIONS: TAPED GYPSUM BOARD
 - D) INTERIOR NON-RATED PARTITIONS: EXPOSED STUDS (AND INSULATION IF APPLICABLE BY WALL TYPE)
 - E) CEILING: EXPOSED STRUCTURE
 - F) FLOORS ON GRADE: GRANULAR FILL OVER VAPOR BARRIER WITH CONCRETE SLAB, INCLUDE IN SHELL AND CORE CONTRACT. SLABS IN TENANT SUITES TO BE POURED AS TENANT CONSTRUCTION DRAWINGS BECOME AVAILABLE.
 - G) FLOORS AT UPPER LEVEL: EXPOSED STRUCTURE
 - H) COLUMNS UNRATED: EXPOSED STEEL OR CONCRETE
 - J) COLUMNS RATED: FIRE PROOFING ON STEEL OR EXPOSED CONCRETE
2. EXTERIOR WALL BELOW FINISH CEILING SHALL BE INSULATED WITH UN-FACED BATT INSULATION IN METAL STUDS AND VAPOR BARRIER ONLY IN SUITE AREAS. DRYWALL AND FINISH SHALL BE PROVIDED IN SUITE AREA BUILD-OUT CONTRACT AFTER OUTLETS HAVE BEEN LOCATED.
3. EXTERIOR WALL ABOVE FINISH CEILING SHALL BE SIMILAR TO NOTE 2 ABOVE PLUS EXTERIOR WALL SHALL RECEIVE 1/4" GYPSUM BOARD TO PROTECT INSULATION AND VAPOR BARRIER ABOVE CEILING. CONTRACTORS SHALL VERIFY FINISH CEILING HEIGHT WITH LANDMARK PRIOR TO START OF CONSTRUCTION AND SHALL PLACE 1/4" GYPSUM BOARD STARTING 6" ABOVE FINISH CEILINGS.
4. SPACE ABOVE "CEILING" IS A RETURN AIR PLENUM. WIRING IN PLENUMS SHALL COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE EDITION OF THE NATIONAL ELECTRIC CODE. LOW VOLTAGE WIRING ABOVE CEILINGS OF CORRIDORS, TELEPHONE AND ELECTRICAL ROOMS IN THE BASE BUILDING, WHICH ARE NON-PLENUM AREAS, MAY BE EXPOSED WHEN THE FLOOR/ CEILING OR ROOF CEILING IS NOT A U.L. ASSEMBLY; BUT MUST COMPLY WITH PLENUM REQUIREMENTS WHEN PART OF A U.L. ASSEMBLY. LOW VOLTAGE WIRING IS NOT TO BE RUN IN THE CEILING SPACE ABOVE PUBLIC RESTROOMS, ELEVATOR ROOMS, OR MECHANICAL ROOMS.
5. EXTERIOR WALL AT BRACE FRAME SHALL BE INSULATED WITH UN-FACED BATT INSULATION AND A VAPOR BARRIER IN SUITE AREA. A SECOND PARTITION SIMILAR TO TYPE "K" SHALL BE PROVIDED AROUND BRACE FRAME. DRYWALL AND FINISH SHALL BE PROVIDED IN A SUITE AREA BUILD-OUT AFTER OUTLETS HAVE BEEN LOCATED. REFER TO DETAIL 5 "FINISH AT STRUCTURAL BRACE FRAME" ON SHEET A10.2
6. SEE SHEETS A10.1 AND A10.2 FOR PARTITION TYPES.
7. DIMENSIONS ARE FACE OF WALL TO FACE OF WALL (NOMINAL).

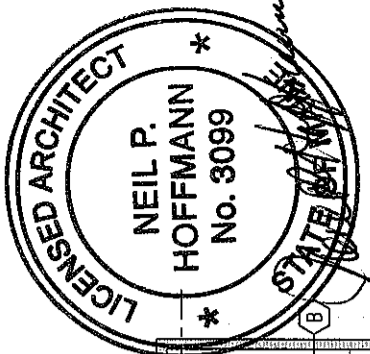
Key Plan



NORTH



Revisions



Sheet
Floor Plan -
Architectural
(Partial)

Project
MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

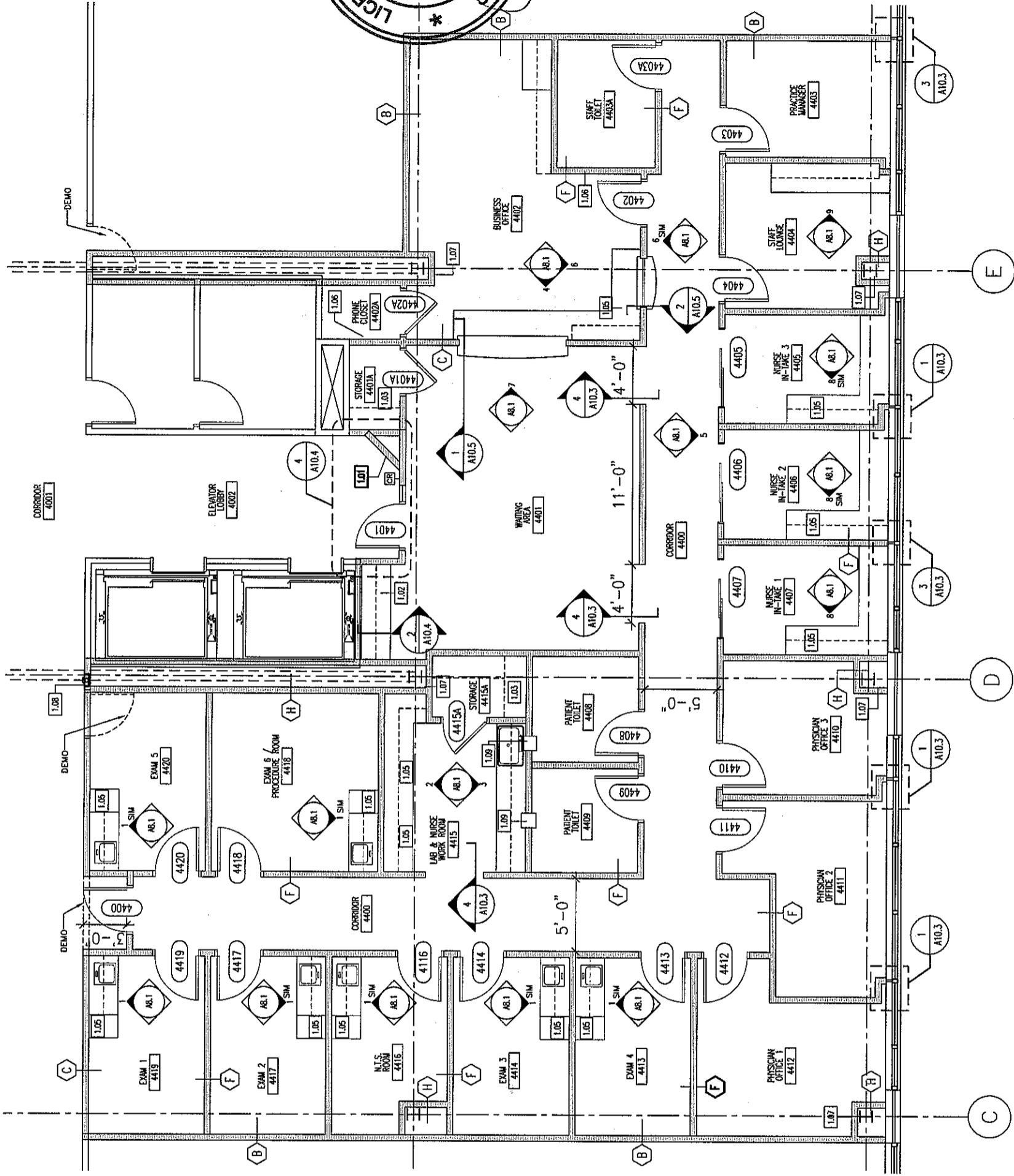
All About Women

Suite 440

Date
November 26, 2007

Project No.
F07-52566.03

Sheet No.
A6.1



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

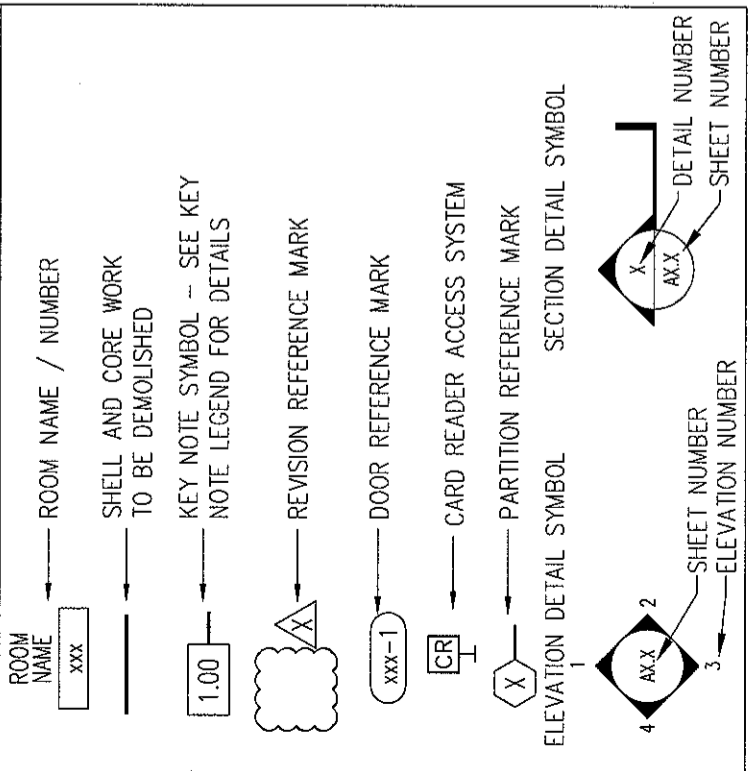
GENERAL NOTES

1. PROVIDE INSULATION AND GYPSUM BOARD FINISH ON THE METAL STUDS PROVIDED IN THE SHELL AND CORE WORK - FIELD VERIFY AND CLARIFY ALL CONDITIONS PRIOR TO BIDDING
2. USE WATER RESISTANT GYPSUM BOARD IN TOILET ROOMS AND OTHER SIMILAR ROOMS
3. ALL CHANGES TO THE SHELL AND CORE WORK DUE TO TENANT WORK SHALL BE INCLUDED IN THE COST FOR TENANT WORK
4. DIMENSIONS ARE FACE TO FACE (NOMINAL) OF FINISH MATERIAL, UNLESS NOTED OTHERWISE
5. PROVIDE MINI-BLINDS IN ALL TENANT SUITE WINDOWS ANCHORED TO ALUMINUM FRAME

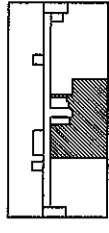
KEY NOTE LEGEND

- | | |
|------|--|
| 1.01 | SUITE ENTRY PLAQUE - SEE DETAIL 4/A10.4 |
| 1.02 | COAT RACK - SEE DETAIL 2/A10.4 |
| 1.03 | (5) 1'-4" PLASTIC LAMINATE SHELVES ON ADJUSTABLE STANDARDS |
| 1.04 | ALIGN SURFACE WITH ADJACENT SURFACE |
| 1.05 | GROMMET HOLE IN COUNTERTOP |
| 1.06 | TELEPHONE BACKBOARD |
| 1.07 | GYPSUM BOARD FINISH ON SHELL AND CORE METAL STUDS PROVIDED BY OTHERS |
| 1.08 | FIRE EXTINGUISHER AND BRACKET |
| 1.09 | SPECIMEN PASS-THRU |

LEGEND



Key Plan



NORTH



Revisions



Sheet

Floor Plan -
Furnishings, Power
and Equipment
Locations

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

All About Women

Suite 440

Date

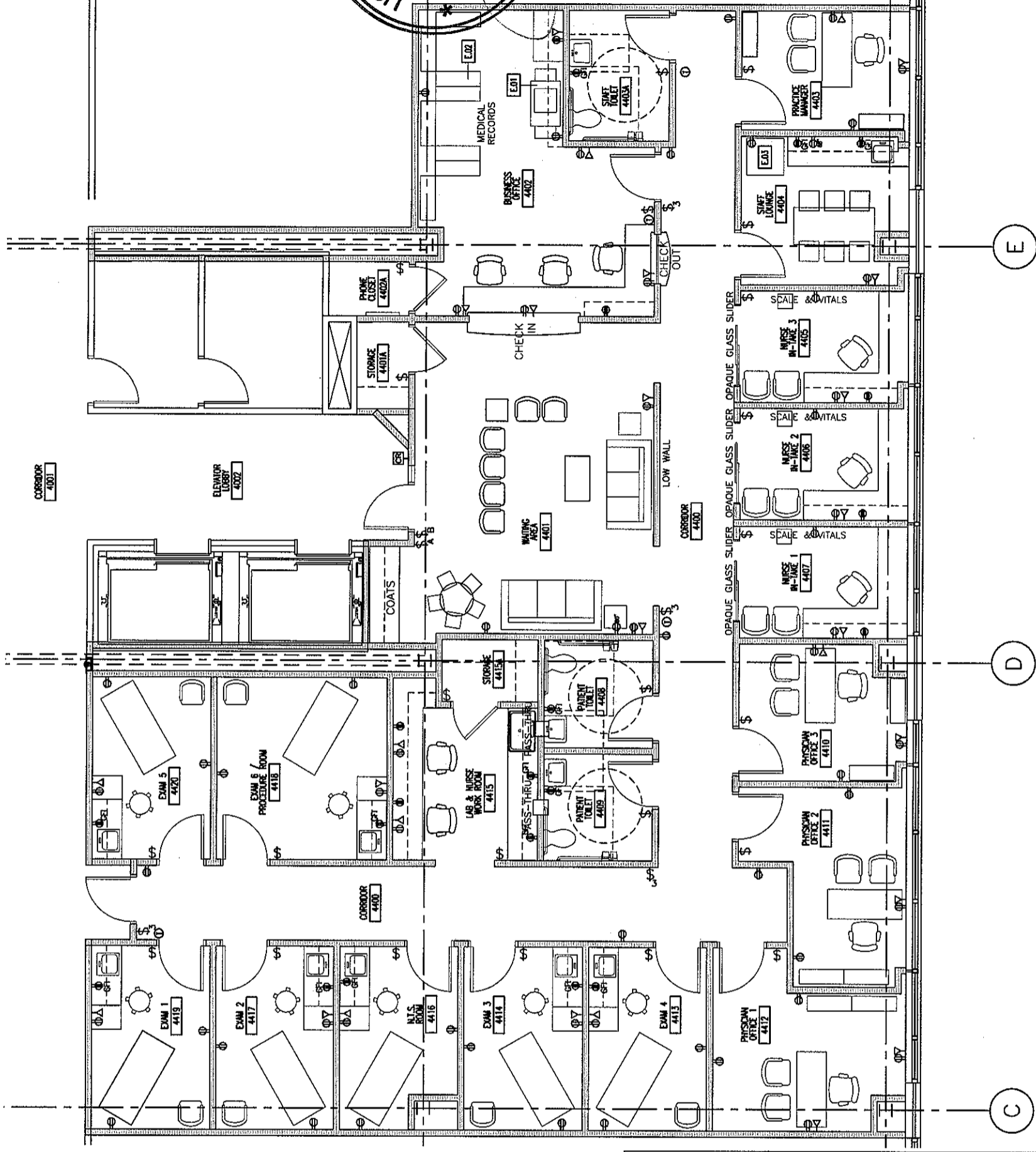
November 26, 2007

Project No.

F07-52566.03

Sheet No.

A6.2



1 FLOOR PLAN

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

MECHANICAL NOTES

- PERIMETER ROOMS WILL BE ZONED TOGETHER AND SHALL BE CONDITIONED WITH ELECTRIC REHEAT COILS IN FAN POWERED VAV TERMINAL UNITS AND CONTROLLED WITH ONE THERMOSTAT
- INTERIOR ROOMS WILL BE ZONED TOGETHER AND SHALL BE CONDITIONED WITH SHUT-OFF FAN POWERED VAV TERMINAL UNITS AND CONTROLLED WITH ONE THERMOSTAT
- RETURN AIR SHALL BE THROUGH A PLENUM TYPE RETURN AIR LIGHT FIXTURE
- ROOFTOP MOUNTED CENTRAL EXHAUST SHALL BE PROVIDED FOR TOILET ROOMS

GENERAL NOTES

- THE FOLLOWING WORK, INCLUDING SYSTEMS, DEVICES AND WIRING, IS NOT INCLUDED IN THE CONTRACT BUT MAY BE PROVIDED BY OTHERS:
A. TELEPHONE AND COMPUTER SYSTEMS
B. MEDICAL GAS SYSTEMS
C. PNEUMATIC TUBE SYSTEMS
D. SECURITY AND TIME CLOCK SYSTEMS
E. NURSE CALL / NURSE NOTIFICATION SYSTEMS
F. TOILET PAPER, TOWELS, SOAP DISPENSORS
G. CHART HOLDERS AND MAGAZINE RACKS
- JUNCTION BOX AND CONDUIT TO AN ACCESSIBLE CEILING SHALL BE PROVIDED FOR TELEPHONE / COMPUTER SYSTEMS
- JUNCTION BOX AND CONDUIT TO AN ACCESSIBLE CEILING MAY BE PROVIDED FOR SECURITY, NURSE CALL, NURSE NOTIFICATION, AND OTHER SYSTEMS, IF REQUESTED BY THE TENANT
- ALL FREESTANDING FURNITURE AND EQUIPMENT TO BE PROVIDED BY TENANT. FREESTANDING FURNITURE SHOWN FOR REFERENCE ONLY.

LEGEND

- DUPLEX RECEPTACLE MOUNTED 18" AFF
 - DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER
 - DUPLEX RECEPTACLE - GFI MOUNTED ABOVE COUNTER
 - TELEPHONE / COMPUTER JUNCTION BOX MOUNTED 18" AFF
 - SINGLE POLE SWITCH
 - TO MATCH DOWNLIGHTS ON RCP A9.1
 - THREE WAY SINGLE POLE SWITCH
 - DIMMER SWITCH
 - OVERRIDE SWITCH - AFTER HOURS
- EQUIPMENT KEY NOTE SYMBOL -- SEE SHEET A11.2 FOR INFO.
- VAV THERMOSTAT
 - CARD READER ACCESS SYSTEM

GENERAL NOTES

- HOLLOW METAL DOOR AND WINDOW FRAMES IN CORRIDOR WALLS SHALL BE PAINTED TO MATCH SHELL AND CORE HOLLOW METAL FRAMES
- ALL OTHER HOLLOW METAL DOOR AND WINDOW FRAMES IN TENANT SUITE SHALL BE PAINTED TO MATCH RUBBER BASE COLOR
- RUBBER FLOOR TRANSITION STRIP COLOR SHALL MATCH RUBBER BASE COLOR

FINISH LEGEND

DESIGNATION	XX-X	COLOR
FLOORS	FIELD COLOR ACCENT OR BORDER COLOR	MATERIAL
WALLS	FIELD COLOR ACCENT OR BORDER COLOR	

INTERIOR FINISH LEGEND

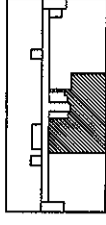
CPT - CARPET	
CPT-1	CAMBRIDGE, "ROYAL TROON #26812"
CPT-2	CAMBRIDGE, "ROYAL TROON #26806"
CPT-3	CAMBRIDGE, "ROYAL TROON #26809"
CPT-4	CAMBRIDGE, "ROYAL TROON #26805"
CPT-5	CAMBRIDGE, "ROYAL TROON #26811"
CPT-6	CAMBRIDGE, "ROYAL TROON #26803"
CPT-7	CAMBRIDGE, "ST. ANDREW #26710"
CPT-8	CAMBRIDGE, "ST. ANDREW #26706"
CPT-9	CAMBRIDGE, "ST. ANDREW #26704"
CPT-10	CAMBRIDGE, "ST. ANDREW #26707"
CPT-11	CAMBRIDGE, "ST. ANDREW #26711"
CPT-12	CAMBRIDGE, "ST. ANDREW #26708"
CPT-13	CAMBRIDGE, "CROSSROADS 36 #CRS16"
CPT-14	CAMBRIDGE, "CROSSROADS 36 #CRS31"
CPT-15	CAMBRIDGE, "CROSSROADS 36 #CRS18"
CPT-16	CAMBRIDGE, "CROSSROADS 36 #CRS36"
CPT-17	CAMBRIDGE, "CROSSROADS 36 #CRS13"
CPT-18	CAMBRIDGE, "CROSSROADS 36 #CRS37"
CB	CARPET BASE TO MATCH
VCT - VINYL TILE	
VCT-1	TARKETT, "DESERT SAND #1337"
RB - RUBBER BASE	
RB-1	JOHNSONITE, "BEIGE #49"
RB-2	JOHNSONITE, "CHARCOAL #20"
RB-3	JOHNSONITE, "THUNDER #168"
RB-4	JOHNSONITE, "BROWN #47"
CT - CERAMIC TILE	
CT-1	DAL-TILE, "ALMOND MATT #X735"
CT-2	DAL-TILE, "BROWNSTONE MOSAICS #DK156"
PT - PAINT	
PT-1	BEN MOORE, "SEA URCHIN #1052"
PT-2	BEN MOORE, "CAYMAN ISLANDS #952"
PT-3	BEN MOORE, "NATURE'S ESSENTIALS #1521"
VWC - VINYL WALL COVERING	
VWC-1	KOROSEAL, "CIP MOUNTAIN TRIAL #19"
VWC-2	KOROSEAL, "CIP TAWNY TAUPE #36"
VWC-3	KOROSEAL, "CIP LA TERRA #46"
VWC-4	KOROSEAL, "CIP SAND STONE #04"
VWC-5	KOROSEAL, "CIP TOASTED ALMOND #12"
VWC-6	KOROSEAL, "CIP ACAPULCO #07"
VWC-7	KOROSEAL, "CIP FLINT #24"
VWC-8	KOROSEAL, "CIP PRAIRIE DUST #15"
VWC-9	KOROSEAL, "CIP SEAL ROCK #81"
VWC-10	KOROSEAL, "CIP ISLE #88"
VWC-11	KOROSEAL, "CIP FOUNTAIN HEAD #30"
VWC-12	KOROSEAL, "CIP ARROWHEAD #97"
VWC-13	KOROSEAL, "CIP TUMBLEWEED #23"
ACT - ACOUSTICAL CEILING	
ACT-1	USG, "F FISSURED SL #132"

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR				WALLS				CEILING
		FINISH	BASE	NORTH	SOUTH	EAST	WEST			
4400	CORRIDOR	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4401	WAITING AREA	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4401A	STORAGE	CPT-	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4402	BUSINESS OFFICE	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4402A	PHONE CLOSET	CPT-	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4403	PRACTICE MANAGER	CPT-	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4403A	STAFF TOILET	CT-	CT-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4404	STAFF LOUNGE	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4405	NURSE IN-TAKE 3	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4406	NURSE IN-TAKE 2	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4407	NURSE IN-TAKE 1	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4408	PATIENT TOILET	CT-	CT-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4409	PATIENT TOILET	CT-	CT-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4410	PHYSICIAN OFFICE 3	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4411	PHYSICIAN OFFICE 2	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4412	PHYSICIAN OFFICE 1	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4413	EXAM 4	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4414	EXAM 3	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4415	LAB & NURSE WORK ROOM	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4416	N.T.S. ROOM	CPT-	CB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4417	EXAM 2	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4418	EXAM 6 / PROCEDURE ROOM	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4419	EXAM 1	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1
4420	EXAM 5	VCT-1	RB-	PT-	PT-	PT-	PT-	PT-	PT-	ACT-1

LANDMARK HEALTHCARE FACILITIES, LLC
 839 North Jefferson Street
 Milwaukee, Wisconsin 53202
 Telephone: (414) 277-0500
 Facsimile: (414) 277-1055

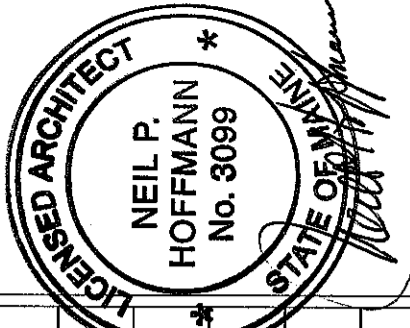
Key Plan



NORTH



Revisions



Sheet

Room Finish
Schedule and
Details

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

All About Women

Suite 440

Date

November 26, 2007

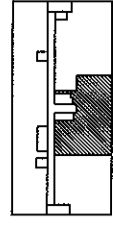
Project No.

F07-5256.03

Sheet No.

A7.1

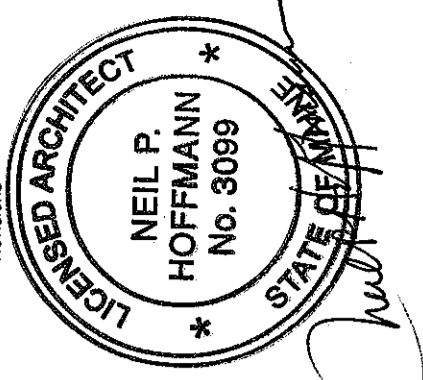
Key Plan



NORTH



Revisions



Sheet

Interior Elevations

Project

MERCY HOSPITAL
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 Portland, Maine

All About Women

Suite 440

Date

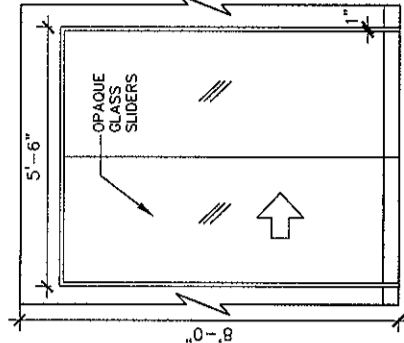
November 26, 2007

Project No.

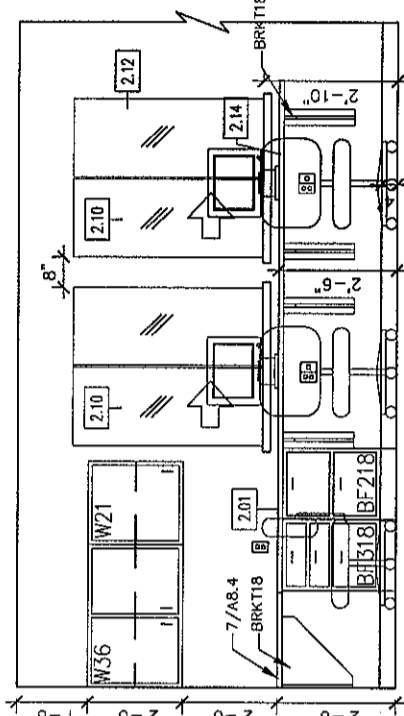
F07-5256.03

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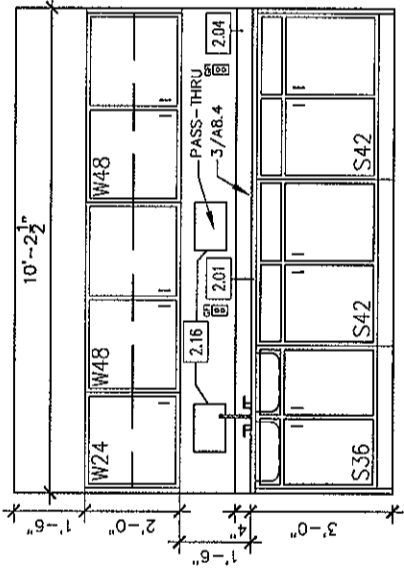
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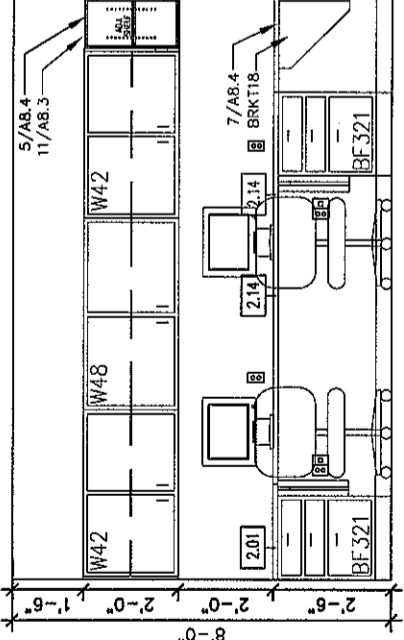
5 NURSE IN-TAKE SLIDERS
 SCALE: 1/4" = 1'-0"



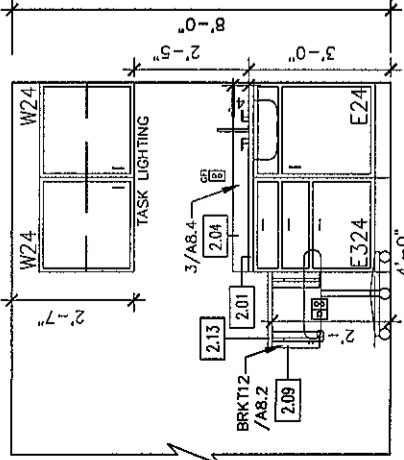
4 CHECK-IN - OFFICE SIDE
 SCALE: 1/4" = 1'-0"



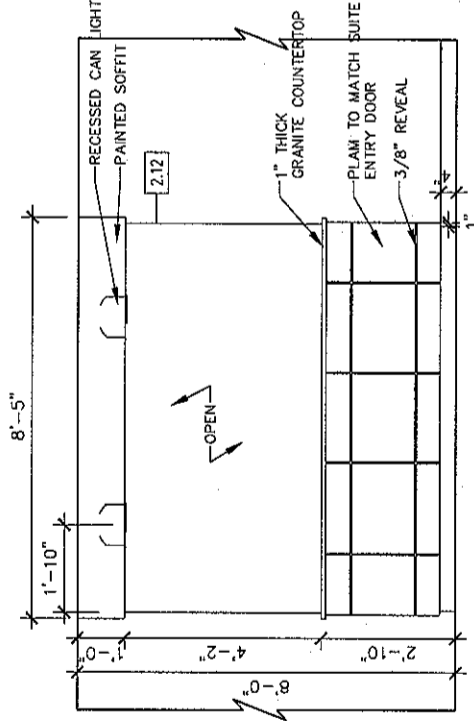
3 LAB & NURSE WORK ROOM
 SCALE: 1/4" = 1'-0"



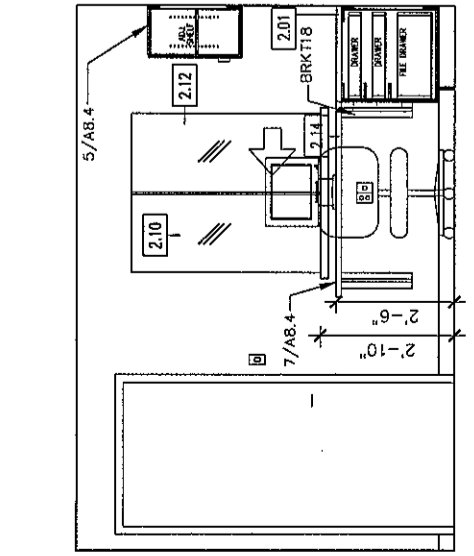
2 LAB & NURSE WORK ROOM
 SCALE: 1/4" = 1'-0"



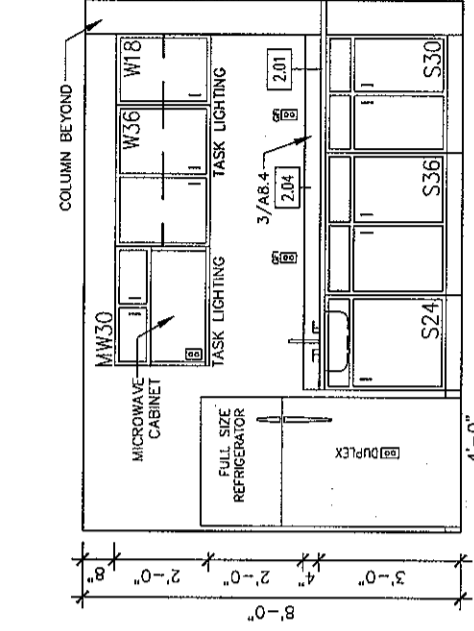
1 EXAM CASEWORK TYP.
 SCALE: 1/4" = 1'-0"



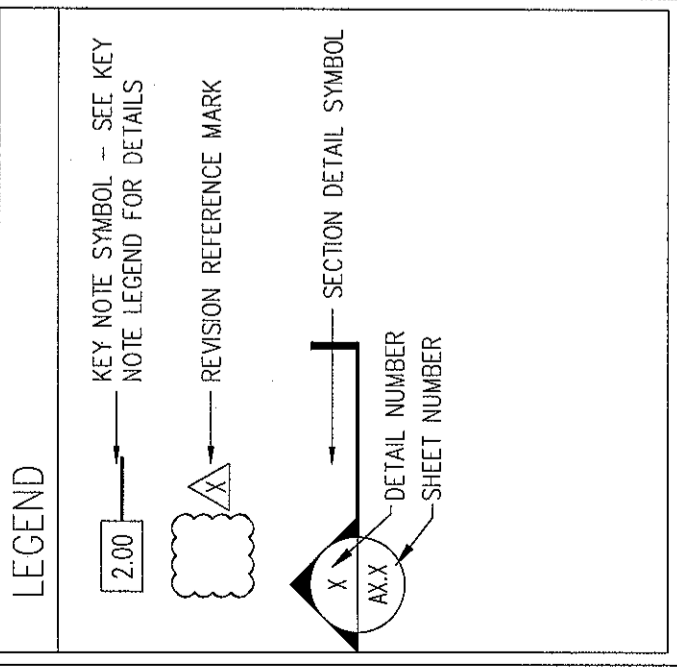
7 CHECK-IN - PATIENT SIDE
 SCALE: 1/4" = 1'-0"



6 CHECK-OUT - OFFICE SIDE
 SCALE: 1/4" = 1'-0"



9 STAFF LOUNGE
 SCALE: 1/4" = 1'-0"



KEY NOTE LEGEND

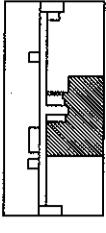
2.01	PLASTIC LAMINATE COUNTERTOP
2.02	3 1/2" PLASTIC LAMINATE APRON
2.03	3 1/2" PLASTIC LAMINATE VALANCE
2.04	4" PLASTIC LAMINATE BACKSPLASH
2.05	4" PLASTIC LAMINATE SIDESPLASH
2.06	PLASTIC LAMINATE END PANEL
2.07	PLASTIC LAMINATE FILLER PANEL
2.08	1'-4" PLASTIC LAMINATE SUPPORT BRACKET
2.09	1'-0" PLASTIC LAMINATE SUPPORT BRACKET
2.10	SLIDING GLASS RECEPTION COUNTER

2.11	UNDERCOUNTER REFRIGERATOR SPACE
2.12	GYPSUM BOARD CASED OPENING
2.13	12" PLASTIC LAMINATE WRITING SURFACE
2.14	GROMMET HOLE IN COUNTERTOP
2.15	GAM-LOG
2.16	SPECIMEN PASS-THRU CABINET

GENERAL NOTES

1. PLASTIC LAMINATE CABINETS SHALL BE PL-****, FORMICA #*****, UNLESS NOTED OTHERWISE
2. PLASTIC LAMINATE COUNTERTOPS SHALL BE PL-****, FORMICA #*****, UNLESS NOTED OTHERWISE
3. PROVIDE END SPLASH AT WALL AT COUNTERTOPS WITH BACKSPLASHES AND SINKS
4. DIMENSIONS ARE FACE TO FACE (NOMINAL) OF FINISH MATERIAL, UNLESS NOTED OTHERWISE
5. BASE FINISH MATERIAL AND ELECTRICAL DEVICES ARE NOT INDICATED FOR DRAWING CLARITY
6. ALL FREESTANDING FURNITURE AND EQUIPMENT TO BE PROVIDED BY TENANT. FREESTANDING FURNITURE SHOWN FOR REFERENCE ONLY.

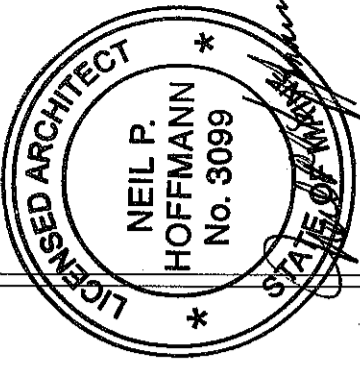
Key Plan



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Revisions



Sheet

Standard Casework Elevations

Project

MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine

All About Women

Suite 440

Date

November 26, 2007

Project No.

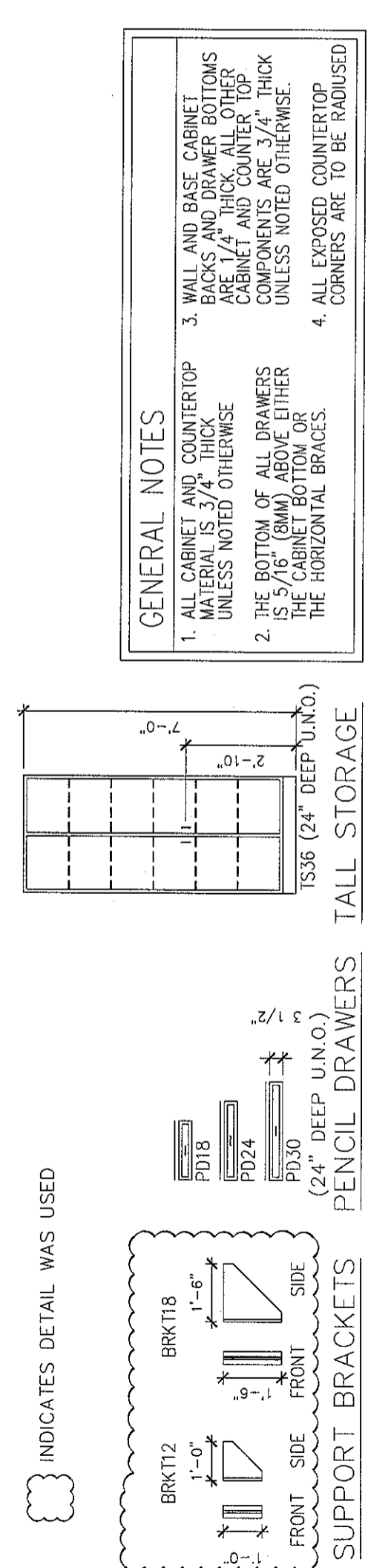
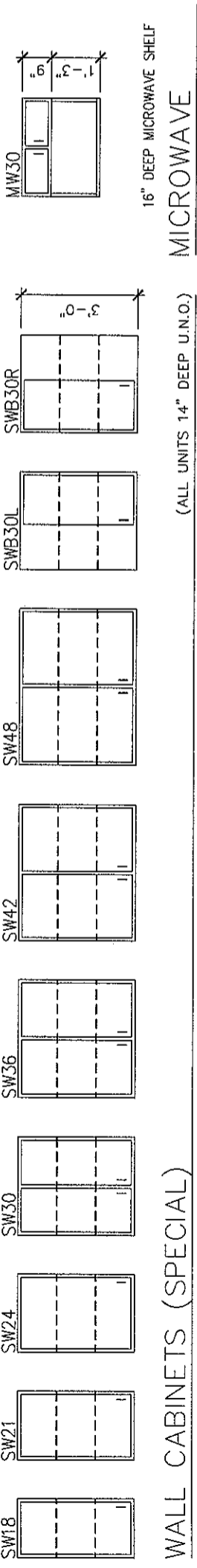
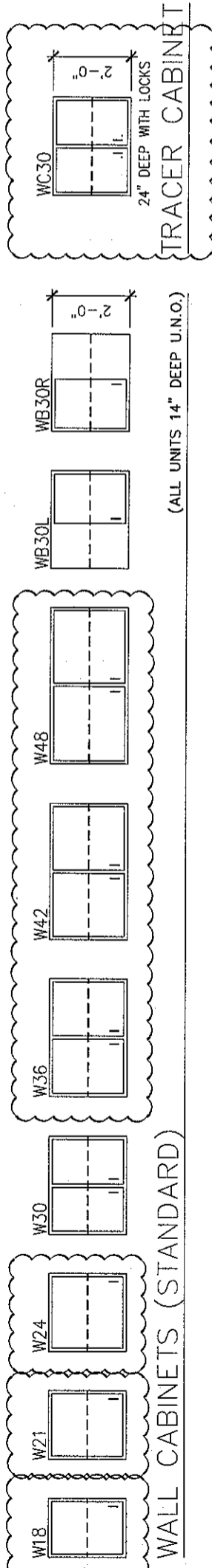
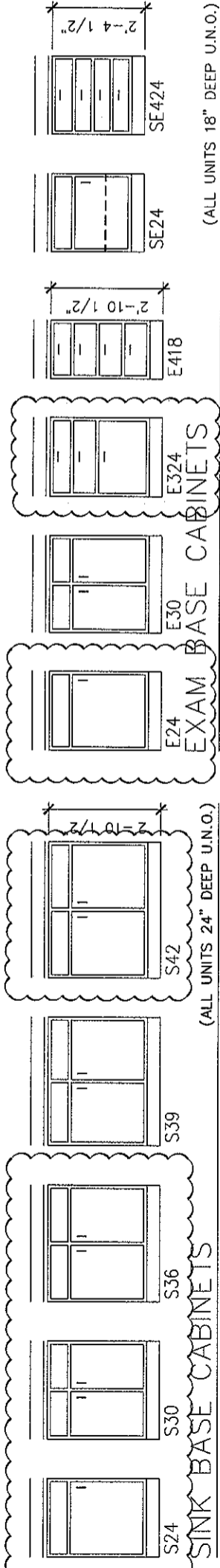
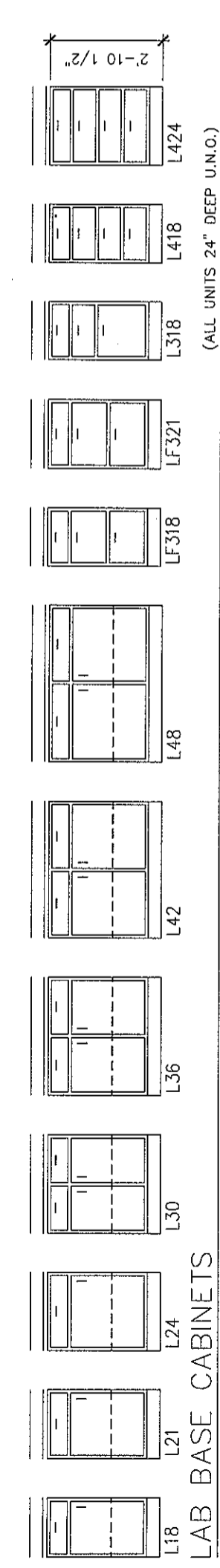
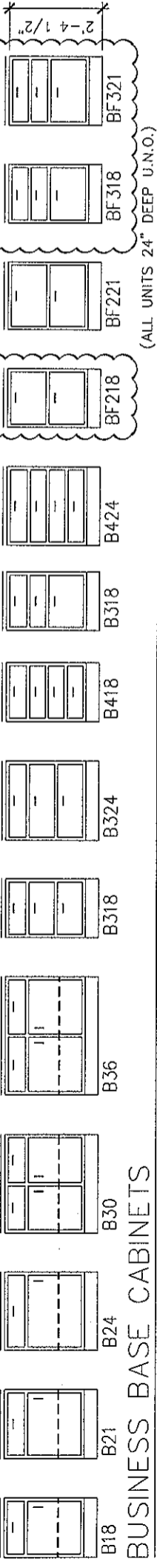
F07-5256.03

Sheet No.

A8.2

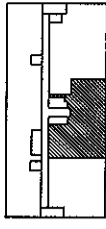
LAB BASE CABINETS

- B324-- BUSINESS DRAWER BASE CABINET
 WIDTH IN INCHES
 NO. OF DRAWERS
- BF218-- BUSINESS FILE DRAWER BASE CABINET
 WIDTH IN INCHES
 NO. OF DRAWERS
- L324-- LAB DRAWER BASE CABINET
 WIDTH IN INCHES
 NO. OF DRAWERS
- LF318-- LAB FILE DRAWER BASE CABINET
 WIDTH IN INCHES
 NO. OF DRAWERS
- S24-- SINK BASE CABINET
 WIDTH IN INCHES
- E24-- EXAM BASE CABINET
 WIDTH IN INCHES
- E424-- EXAM BASE CABINET
 WIDTH IN INCHES
 NO. OF DRAWERS
- SE24-- SPECIAL EXAM BASE CABINET
 WIDTH IN INCHES
- SE424-- SPECIAL EXAM BASE CABINET
 WIDTH IN INCHES
 NO. OF DRAWERS
- W18-- WALL CABINET
 WIDTH IN INCHES
- SW18-- SPECIAL WALL CABINET
 WIDTH IN INCHES
- PD24-- PENCIL DRAWER
 WIDTH IN INCHES
- TS36-- TALL STORAGE CABINET
- WB30L-- LEFT BLIND CORNER WALL CABINET
- WB30R-- RIGHT BLIND CORNER WALL CABINET
- WC30-- TRACER COMPUTER WALL CABINET
- MW30-- MIRCORWAVE WALL CABINET



- GENERAL NOTES**
- ALL CABINET AND COUNTERTOP MATERIAL IS 3/4" THICK UNLESS NOTED OTHERWISE
 - THE BOTTOM OF ALL DRAWERS IS 5/16" (8MM) ABOVE EITHER THE CABINET BOTTOM OR THE HORIZONTAL BRACES.
 - WALL AND BASE CABINET BACKS AND DRAWER BOTTOMS ARE 1/4" THICK. ALL OTHER CABINET AND COUNTER TOP COMPONENTS ARE 3/4" THICK UNLESS NOTED OTHERWISE.
 - ALL EXPOSED COUNTERTOP CORNERS ARE TO BE RADIUS

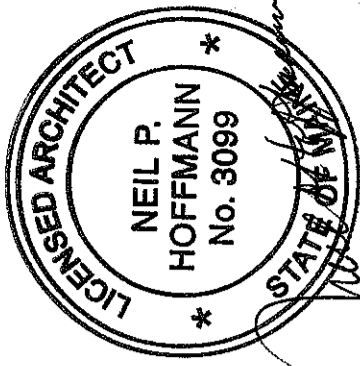
Key Plan



NORTH



Revisions



Sheet

Casework
Sections

Project

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Portland, Maine

All About Women

Suite 440

Date

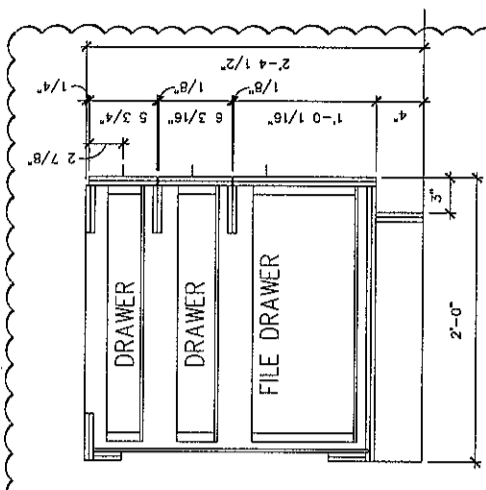
November 26, 2007

Project No.

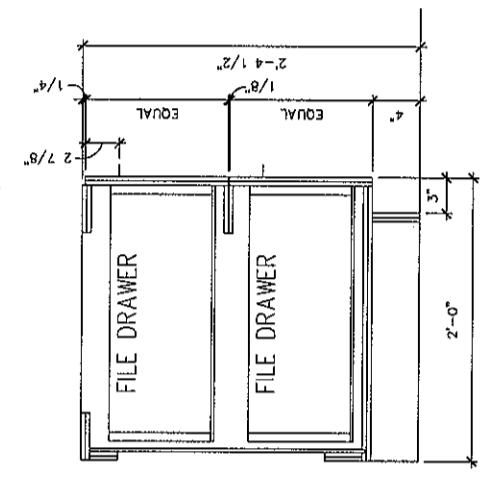
F07-5256.03

Sheet No.

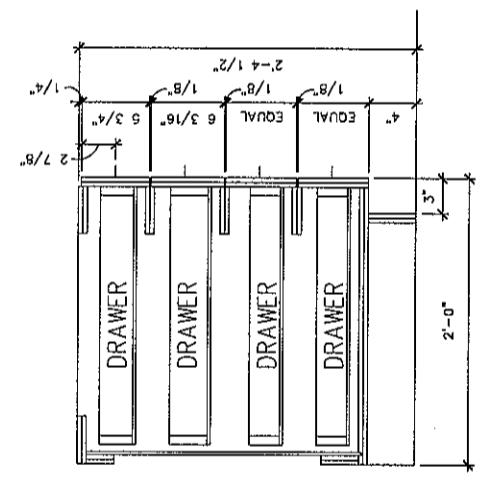
A8.3



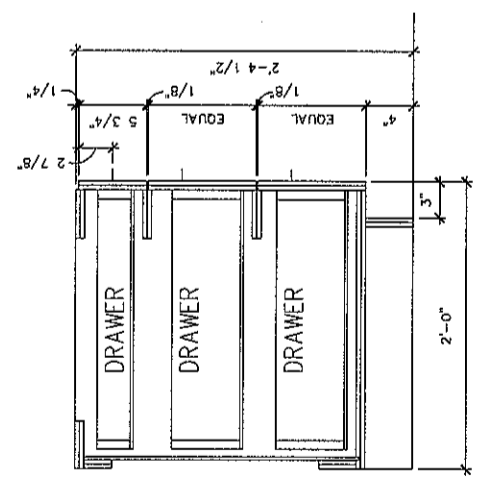
5 SINGLE FILE - BUSINESS
SCALE: 3/4" = 1'-0"



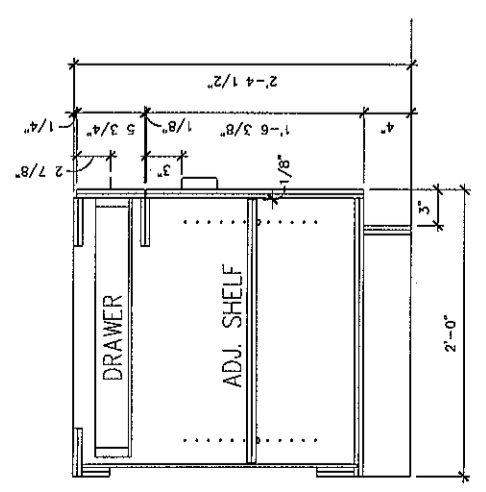
4 DOUBLE FILE - BUSINESS
SCALE: 3/4" = 1'-0"



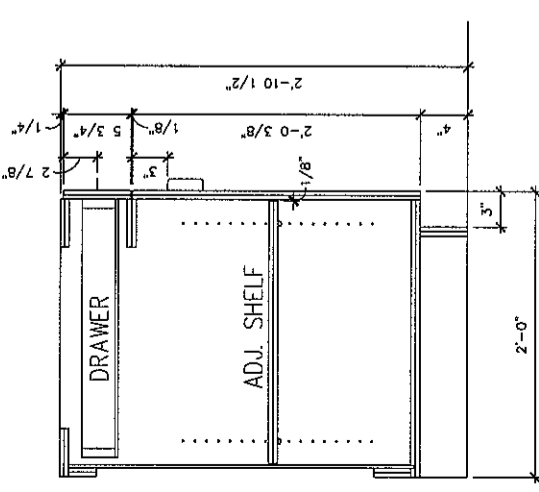
3 4 DRAWER - BUSINESS
SCALE: 3/4" = 1'-0"



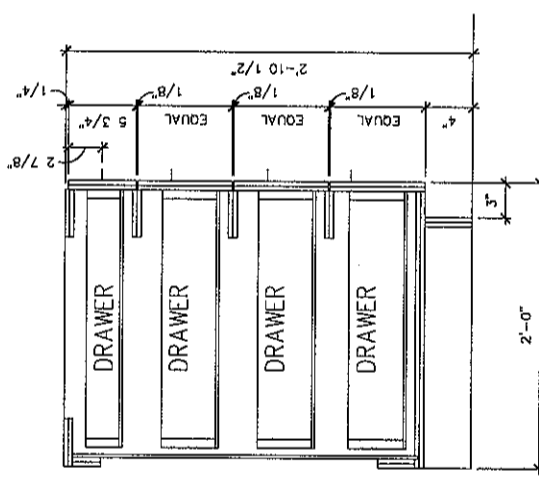
2 3 DRAWER - BUSINESS
SCALE: 3/4" = 1'-0"



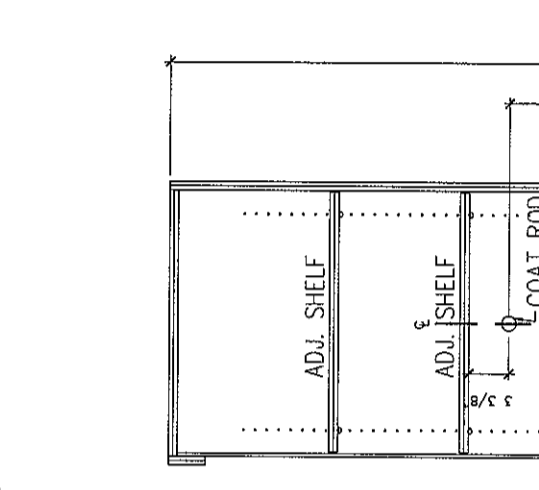
1 DOOR CABINET - BUSINESS
SCALE: 3/4" = 1'-0"



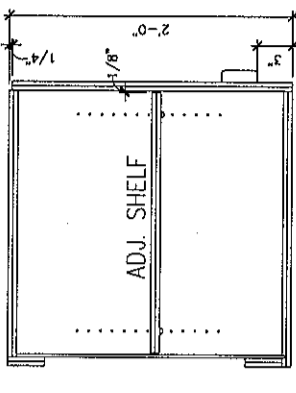
6 DOOR CABINET - LAB
SCALE: 3/4" = 1'-0"



8 4 DRAWER - LAB
SCALE: 3/4" = 1'-0"



14 TALL STORAGE CABINET
SCALE: 3/4" = 1'-0"

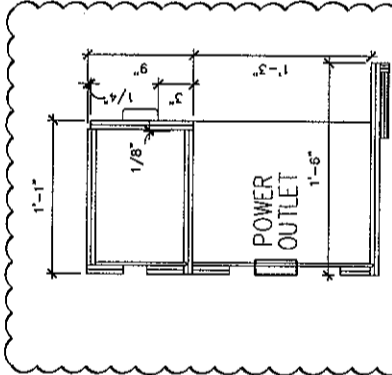


9 TRACER COMPUTER
SPECIAL WALL CABINET
SCALE: 3/4" = 1'-0"

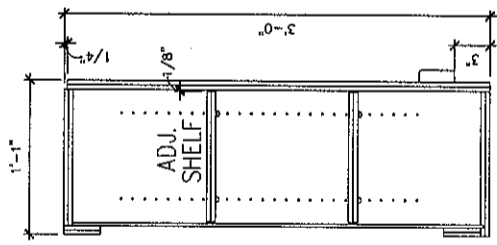
INDICATES DETAIL WAS USED

GENERAL NOTES

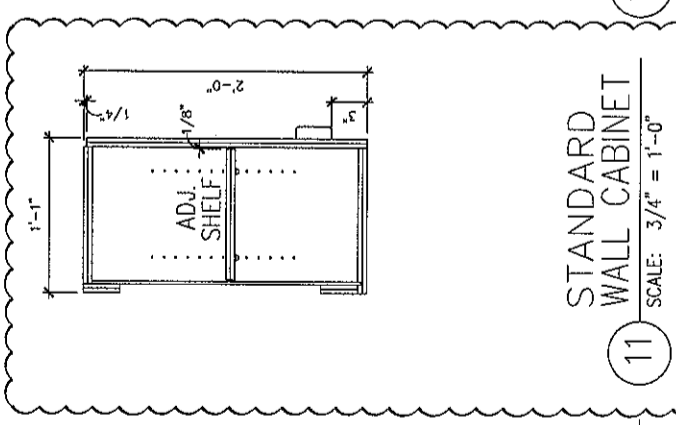
1. ALL CABINET AND COUNTERTOP MATERIAL IS 3/4" THICK UNLESS NOTED OTHERWISE
2. THE BOTTOM OF ALL DRAWERS IS 5/16" (8MM) ABOVE EITHER THE CABINET BOTTOM OR THE HORIZONTAL BRACES.
3. WALL AND BASE CABINET BACKS AND DRAWER BOTTOMS ARE 1/4" THICK. ALL OTHER CABINET AND COUNTERTOP COMPONENTS ARE 3/4" THICK UNLESS NOTED OTHERWISE.
4. ALL EXPOSED COUNTERTOP CORNERS ARE TO BE RADIUSED



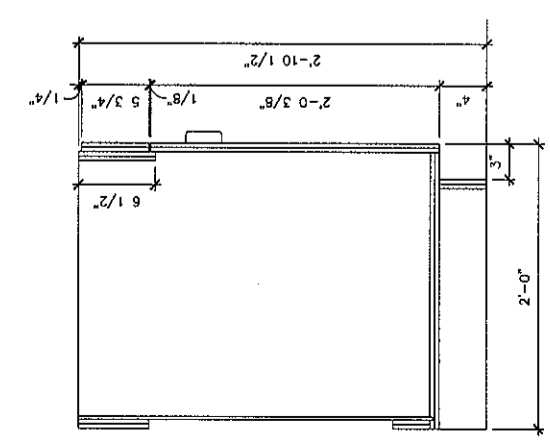
13 MICROWAVE
WALL CABINET
SCALE: 3/4" = 1'-0"



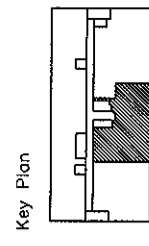
12 TALL
WALL CABINET
SCALE: 3/4" = 1'-0"



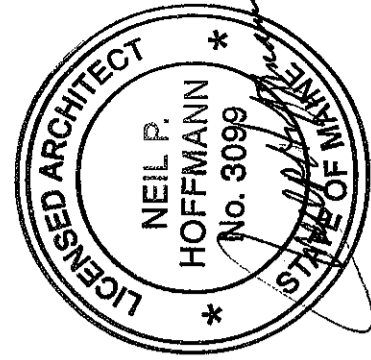
11 STANDARD
WALL CABINET
SCALE: 3/4" = 1'-0"



10 SINK BASE CABINET
SCALE: 3/4" = 1'-0"

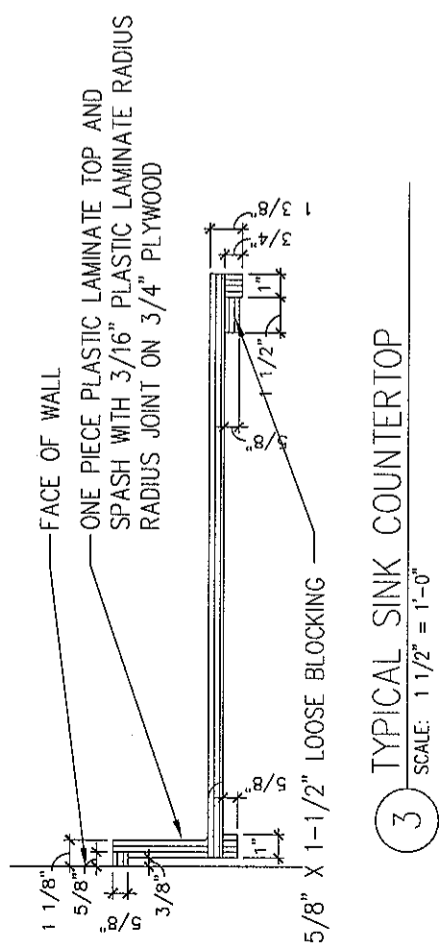
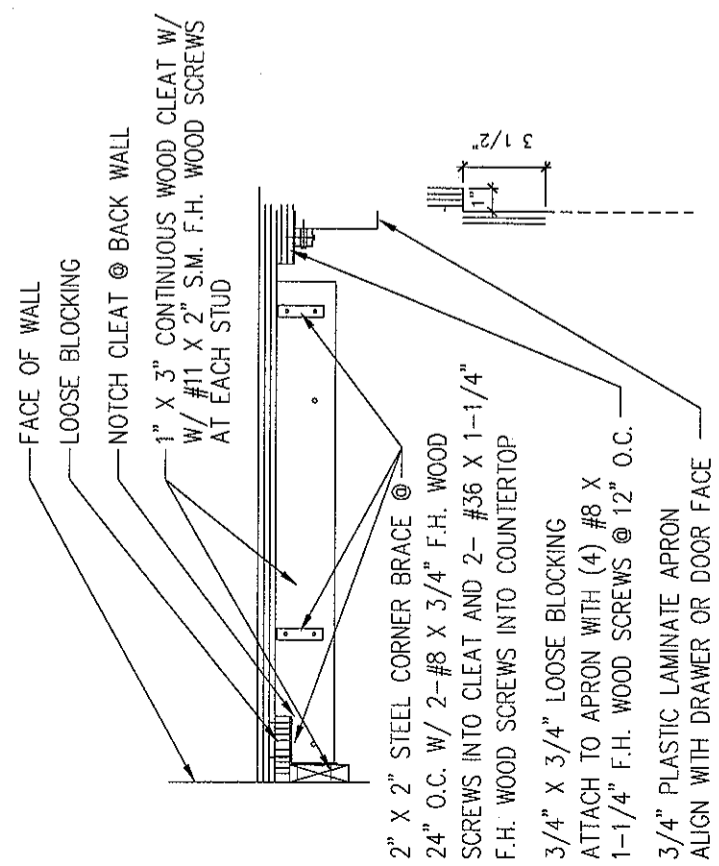
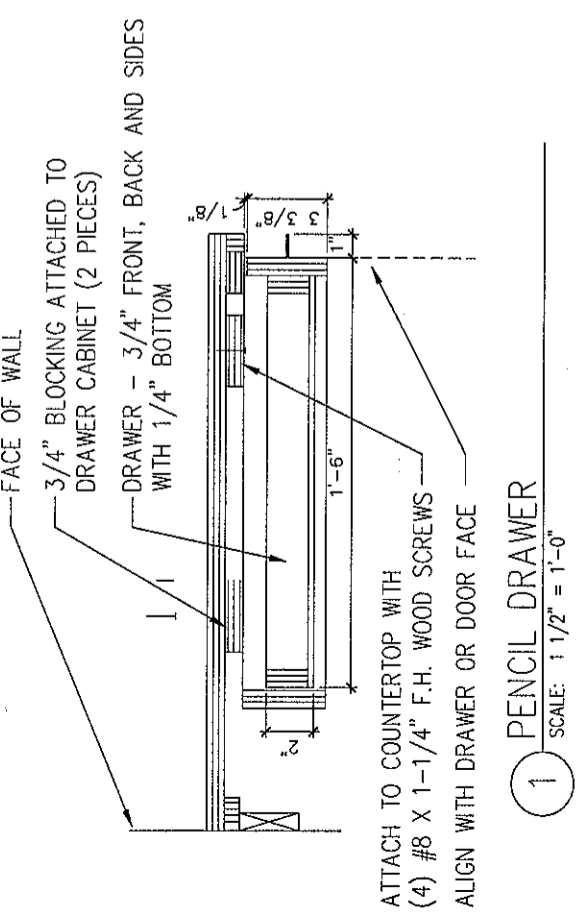
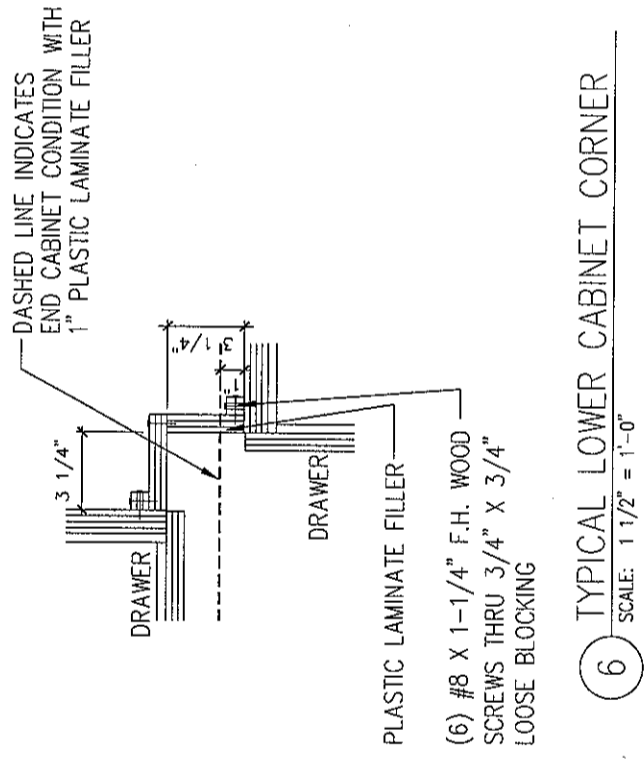
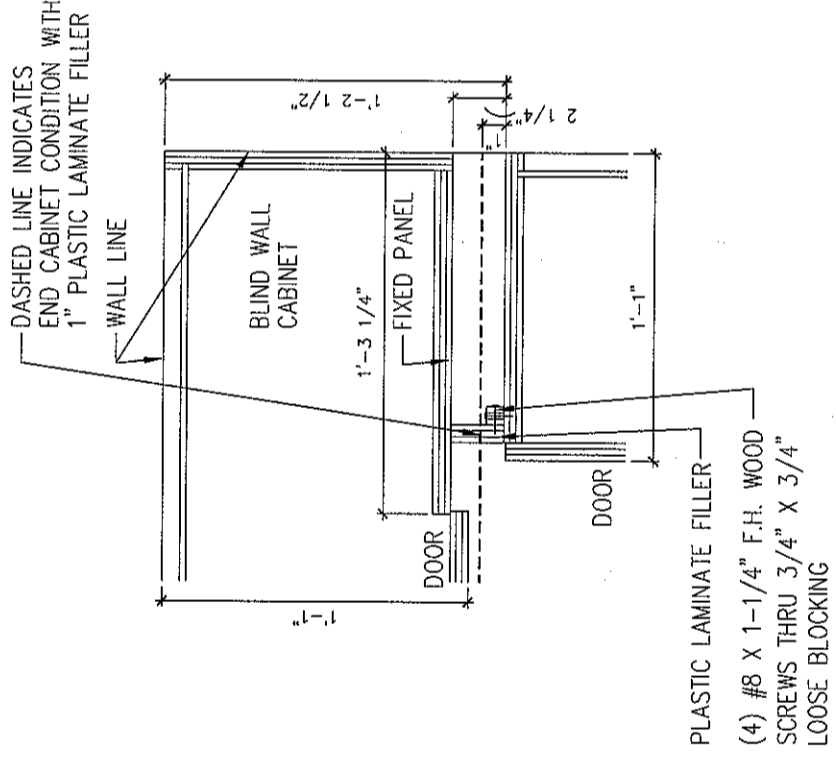
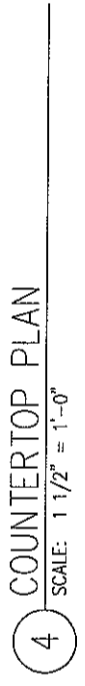
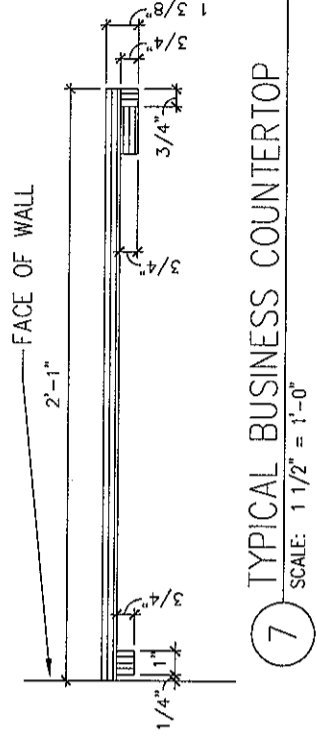


Revisions



Sheet
Casework and Countertop Details

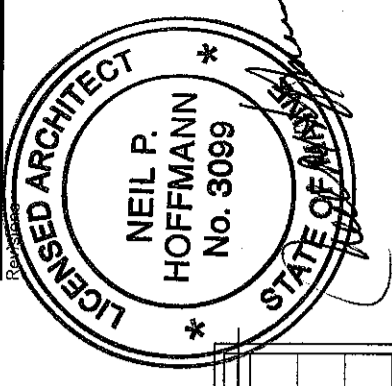
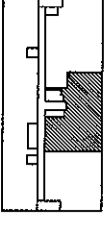
Project
MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine
All About Women
 Suite 440
 Date
November 26, 2007
 Project No.
F07-5256.03
 Sheet No.
A8.4



GENERAL NOTES

- ALL CABINET AND COUNTERTOP MATERIAL IS 3/4" THICK UNLESS NOTED OTHERWISE
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Key Plan



Sheet

(Partial)
Reflected
Ceiling Plan

Project
MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

All About Women

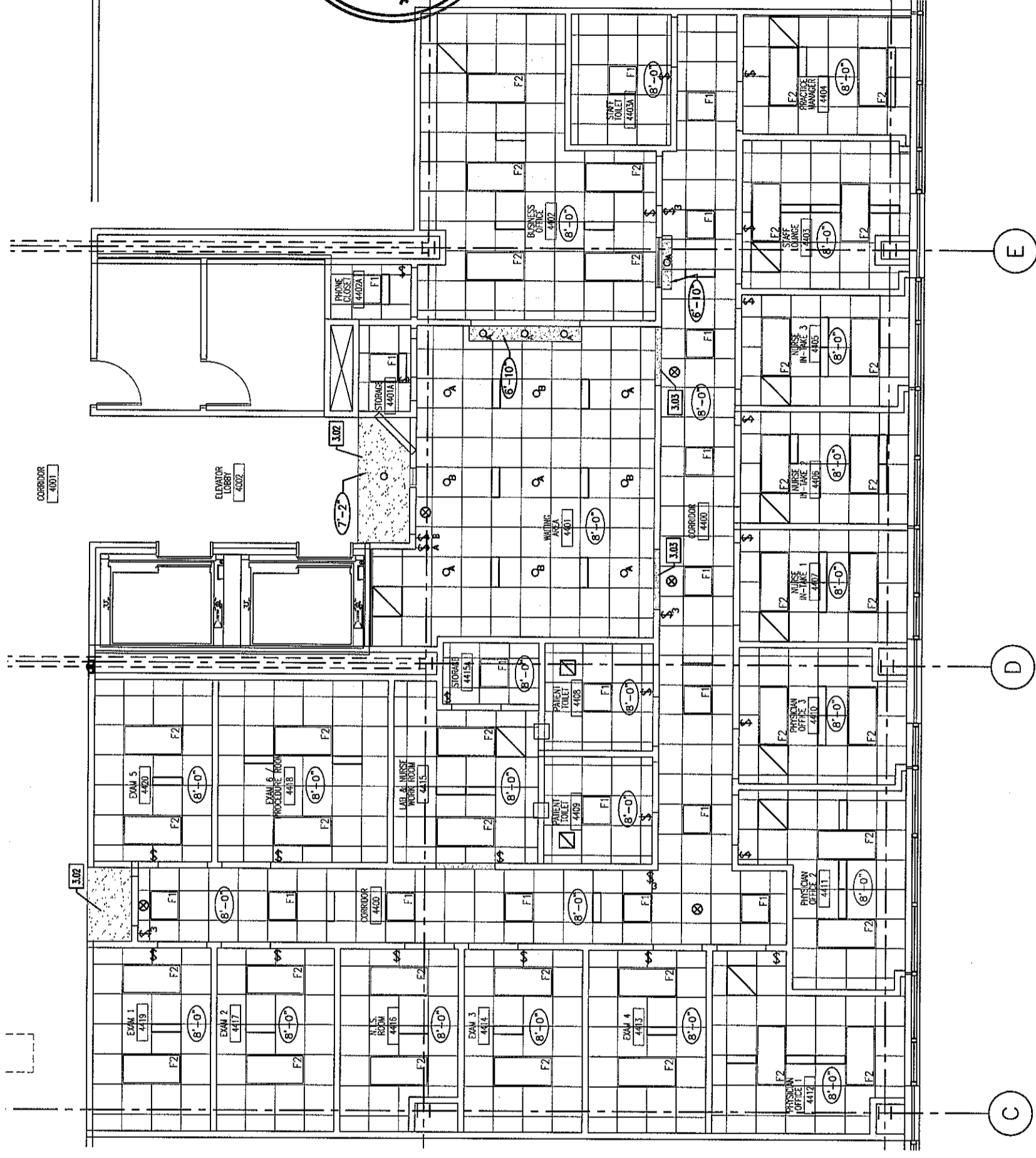
Suite 440

Date
November 26, 2007

Project No.
F07-5256.03

Sheet No.

A9.1



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

ISSUED FOR 100% CONSTRUCTION DOCUMENTATION

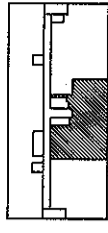
KEY NOTE LEGEND

- 3.01 CUBICAL CURTAIN TRACK
CURTAIN SHALL BE PROVIDED BY TENANT
- 3.02 7'-2" GYPSUM BOARD SOFFIT
- 3.03 7'-0" GYPSUM BOARD HEADER
- 3.04 7'-6" GYPSUM BOARD CASED OPENING

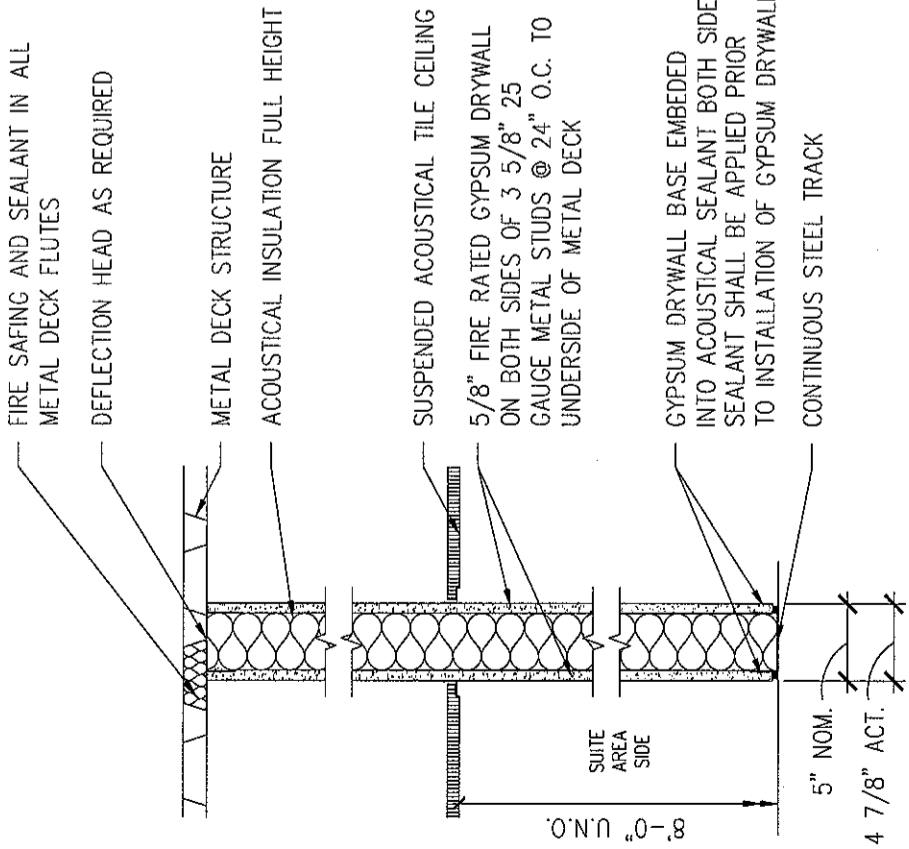
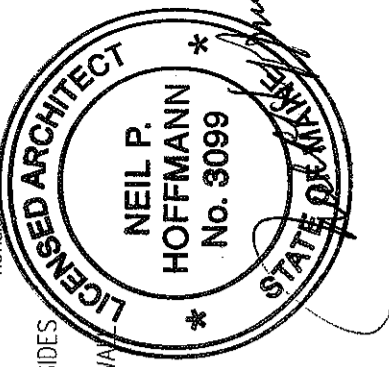
LEGEND

- ROOM NAME / NUMBER
- KEY NOTE SYMBOL - SEE KEY NOTE LEGEND FOR DETAILS
- REVISION REFERENCE MARK
- SINGLE POLE SWITCH
- SWITCH FOR DOWNLIGHTS W. MATCHING NOTE
- THREE WAY SINGLE POLE SWITCH
- CEILING HEIGHT AFF
- ACOUSTICAL TILE CEILING
- SUSPENDED GYPSUM BOARD CEILING OR SOFFIT
- 2' x 4' FLUORESCENT LIGHT WITH PRISMATIC ACRYLIC LENS
- 2' x 2' FLUORESCENT LIGHT WITH PRISMATIC ACRYLIC LENS
- 1' x 4' FLUORESCENT LIGHT WITH PRISMATIC ACRYLIC LENS
- INCANDESCENT CAN LIGHT
- EXIT SIGN - SEE ELEC. DWGS.
- 1' x 4' FLUORESCENT LIGHT PENDENT MOUNTED
- VARIOUS HVAC DIFFUSERS - SEE MECH. DWGS.
- EXHAUST DIFFUSER
- MINI BLINDS SECURED TO ALUMINUM WINDOW HEAD

Key Plan

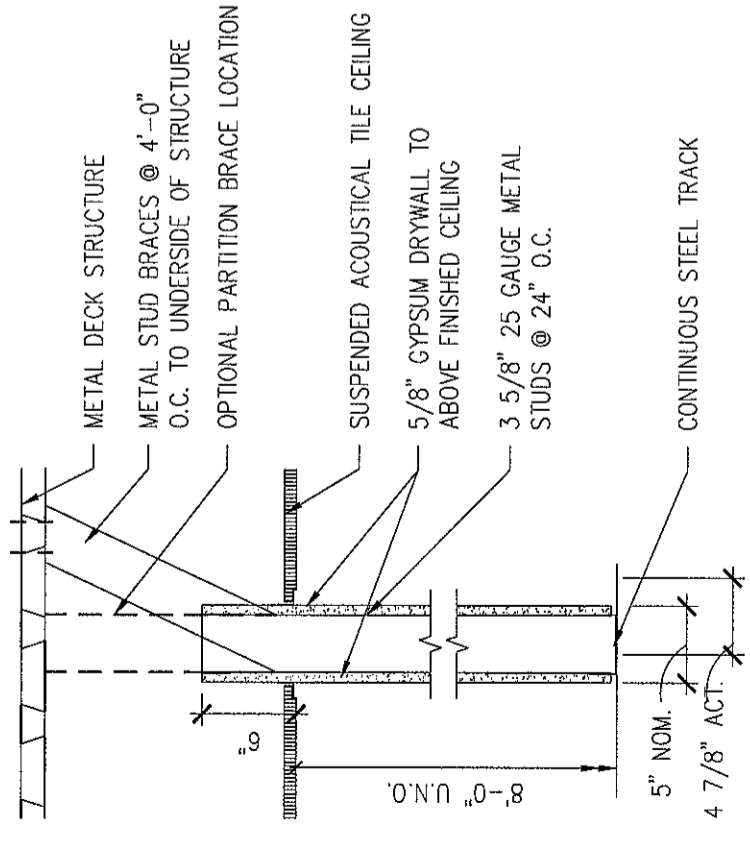


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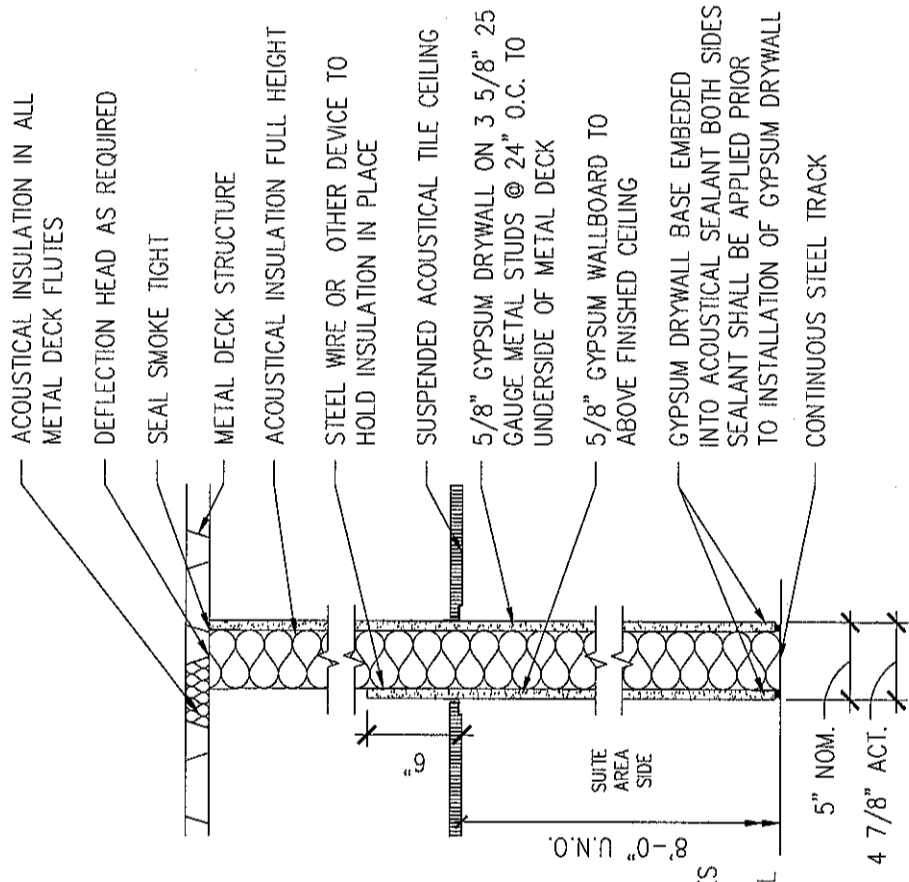
(B) ONE HOUR RATED PARTITION

SCALE: 1" = 1'-0" MUST MEET UL NO. U465 OR EQUAL



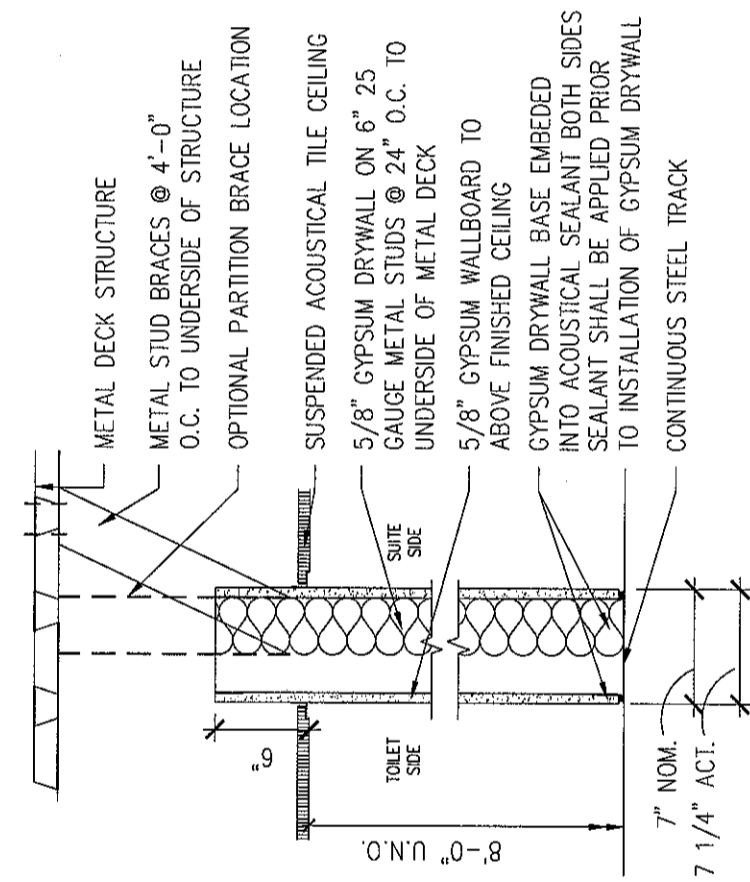
(C) CEILING HEIGHT PARTITION

SCALE: 1" = 1'-0"



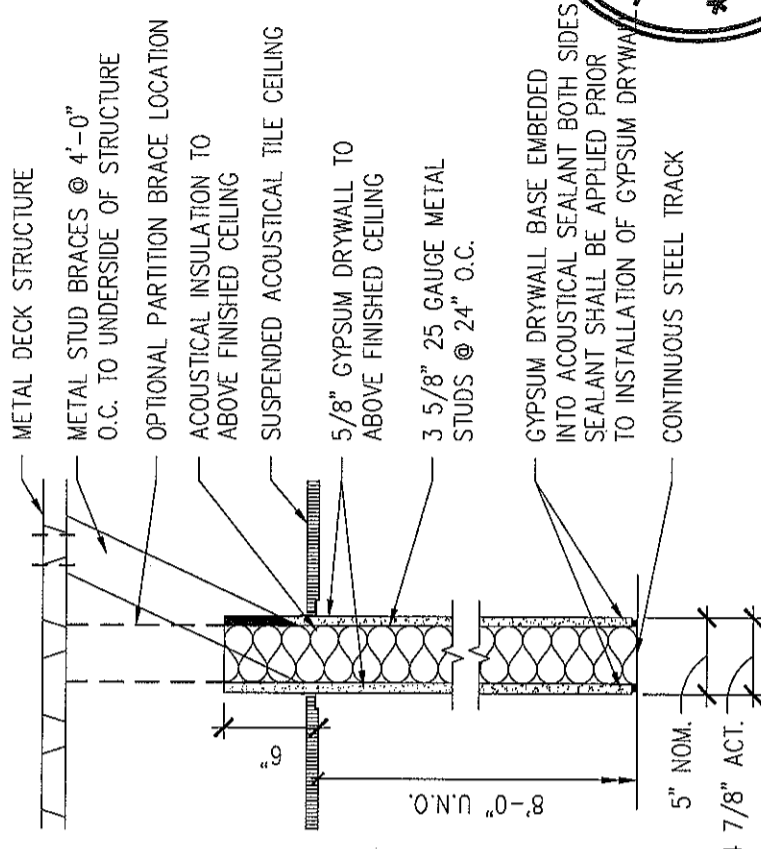
(C) FULL HEIGHT PARTITION

SCALE: 1" = 1'-0"



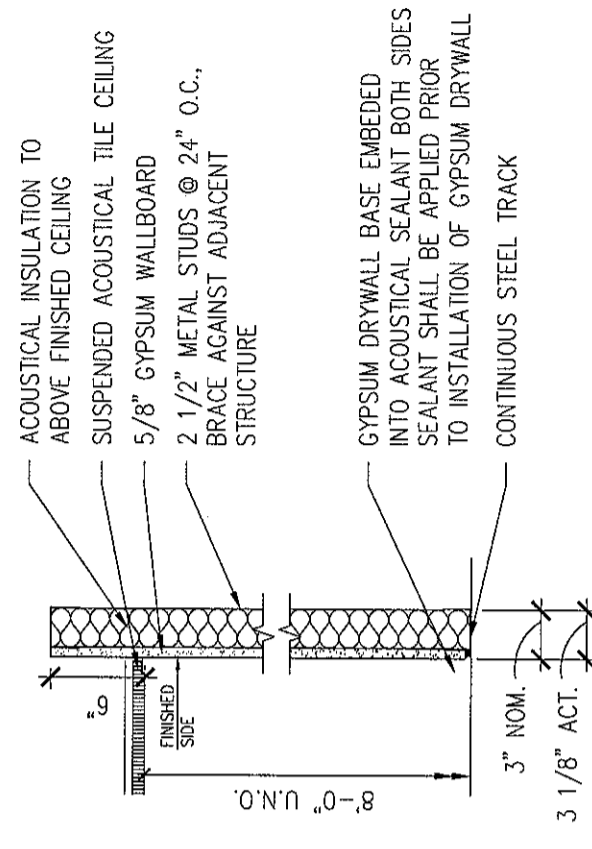
(H) FULL HEIGHT CHASE PARTITION

SCALE: 1" = 1'-0"



(F) CEILING HEIGHT INSULATED PARTITION

SCALE: 1" = 1'-0"



(J) INSULATED FURRING PARTITION

SCALE: 1" = 1'-0"

Sheet

**Partition Types
and Details**

Project

**MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine**

All About Women

Suite 440

Date

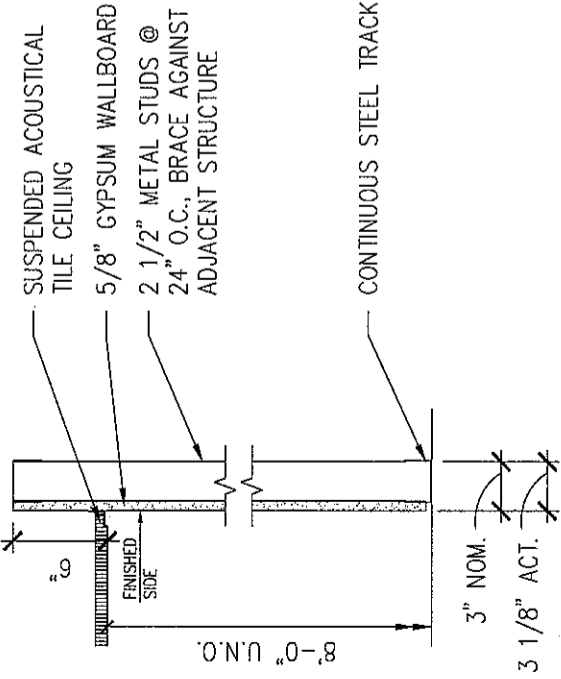
November 26, 2007

Project No.

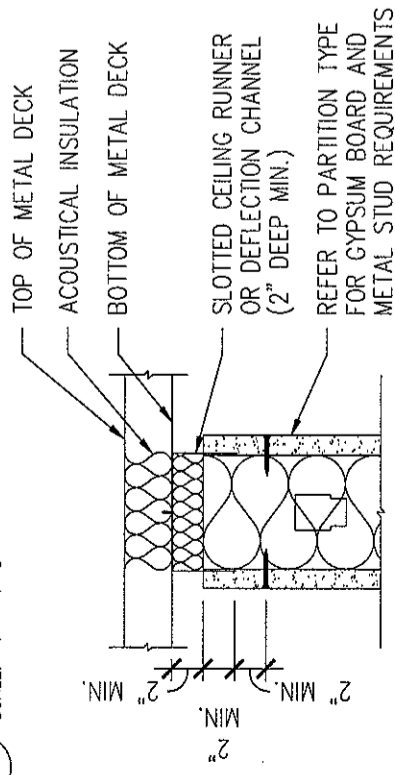
F07-5256.03

Sheet No.

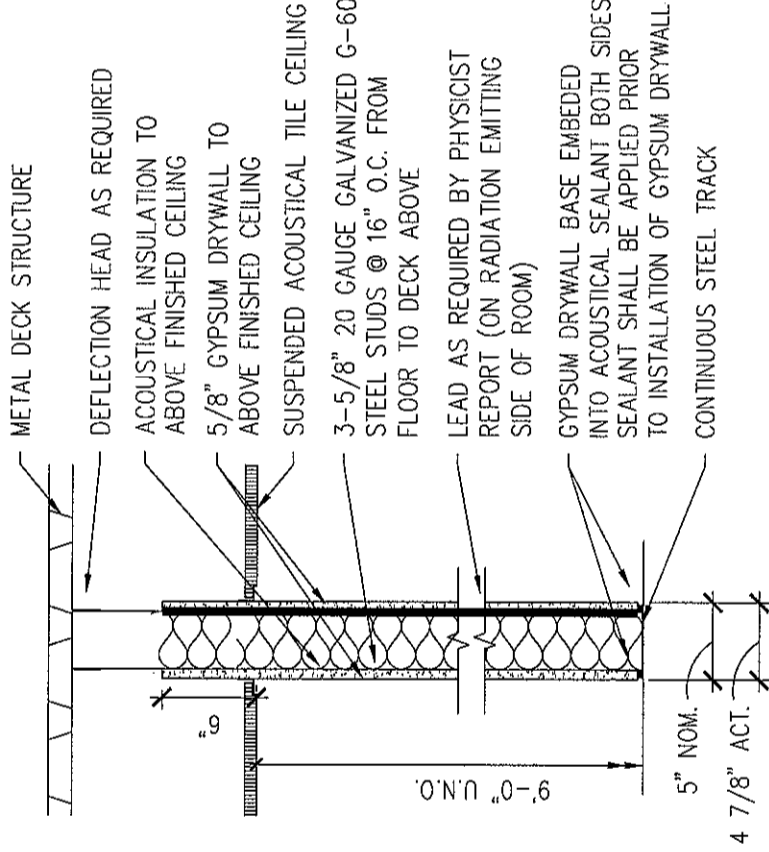
A10.1



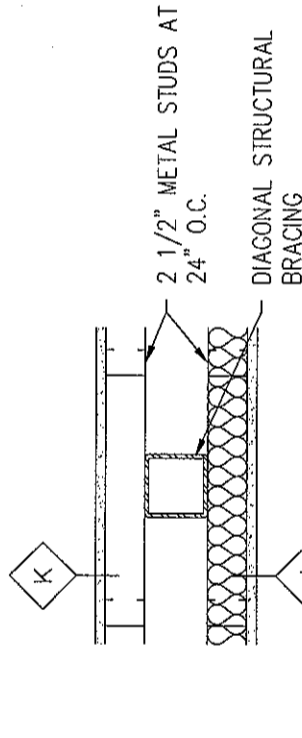
K FURRING PARTITION
SCALE: 1" = 1'-0"



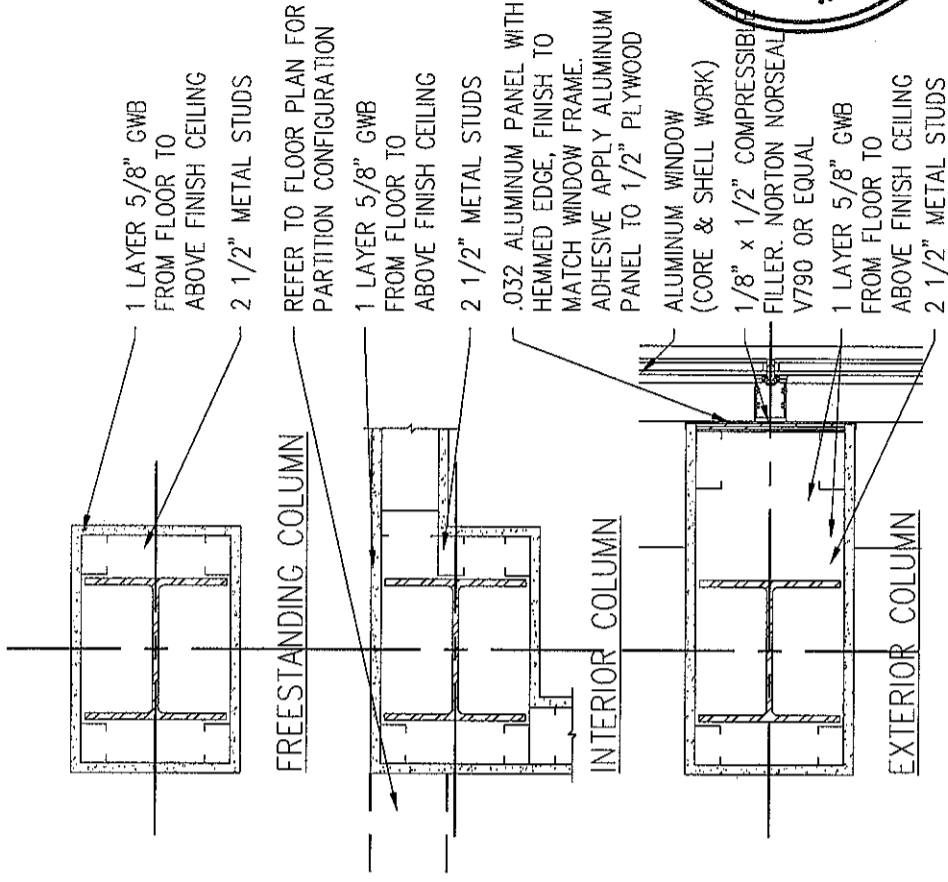
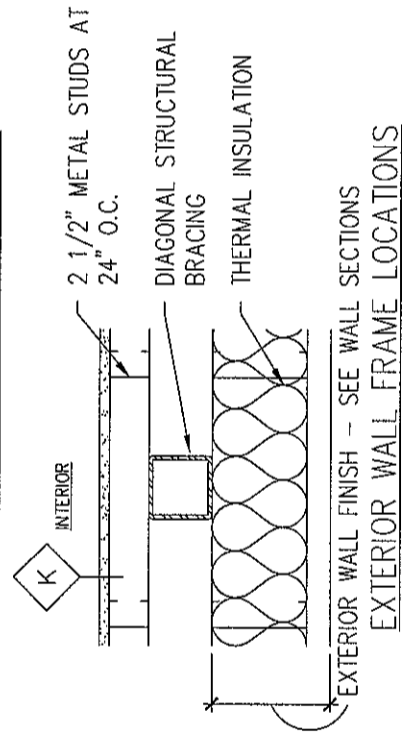
4 NON-RATED DEFLECTION HEAD
SCALE: 1" = 1'-0"



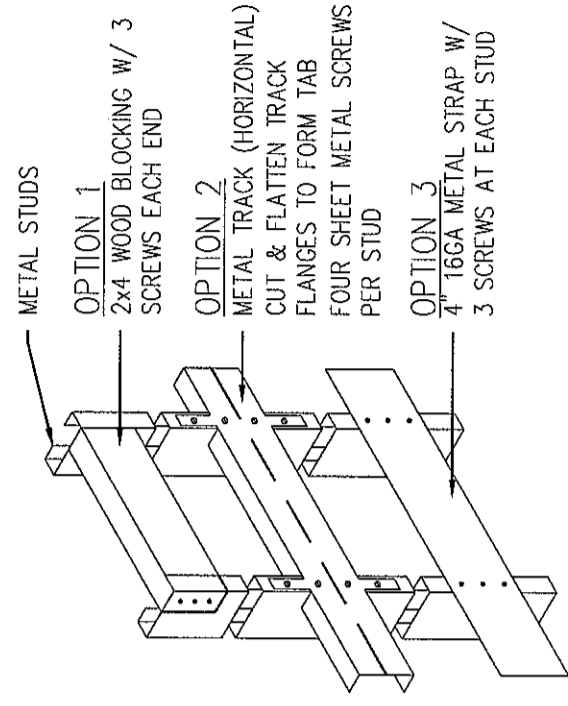
L LEAD LINED INSULATED PARTITION
SCALE: 1" = 1'-0"



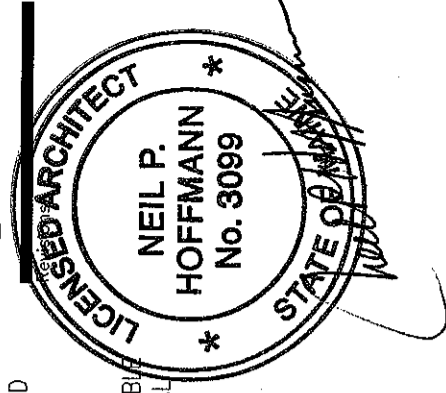
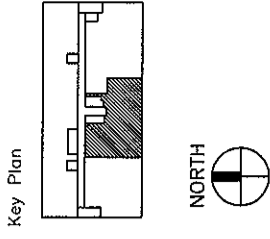
5 FINISH AT STRUCTURE BRACE FRAME
SCALE: 1" = 1'-0"



1 COLUMN ENCLOSURE
SCALE: 1" = 1'-0"



6 TYPICAL BLOCKING OPTIONS
SCALE: 1" = 1'-0"



Sheet
Partition Types and Details

Project
MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

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Suite 440

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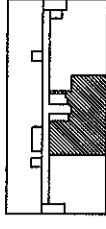
Project No.

F07-5256.03

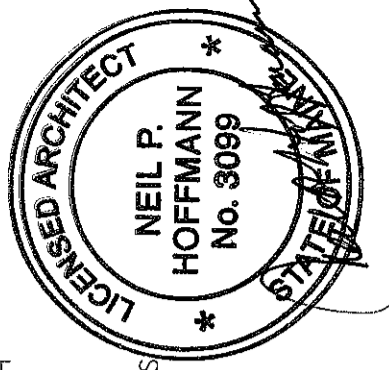
Sheet No.

A10.2

Key Plan



Revisions



Sheet

Interior Details

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

All About Women

Suite 440

Date

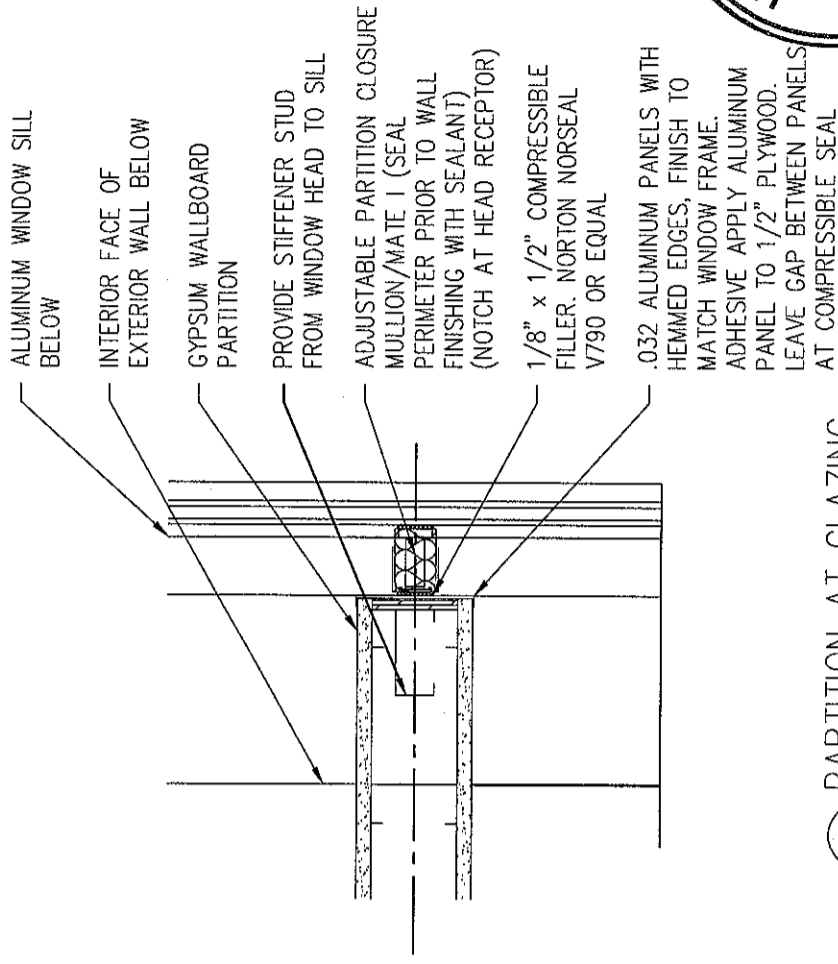
November 26, 2007

Project No.

F07-5256.03

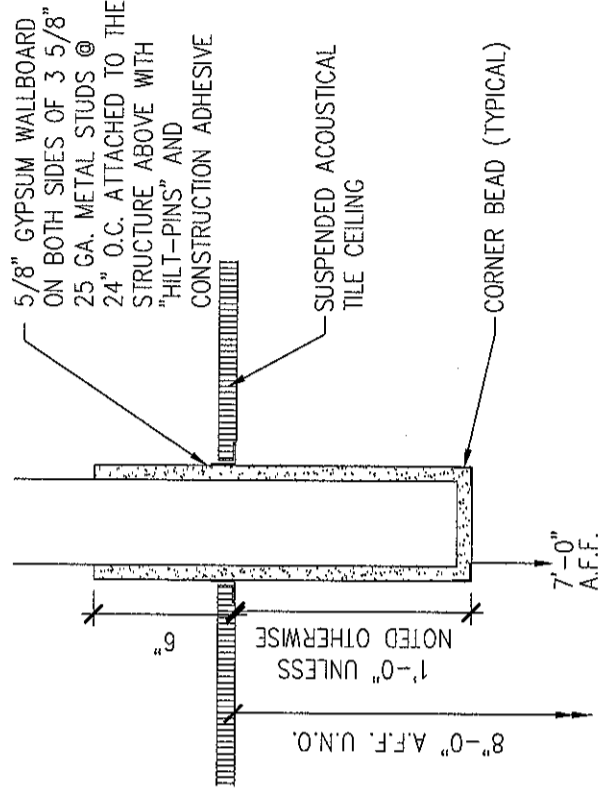
Sheet No.

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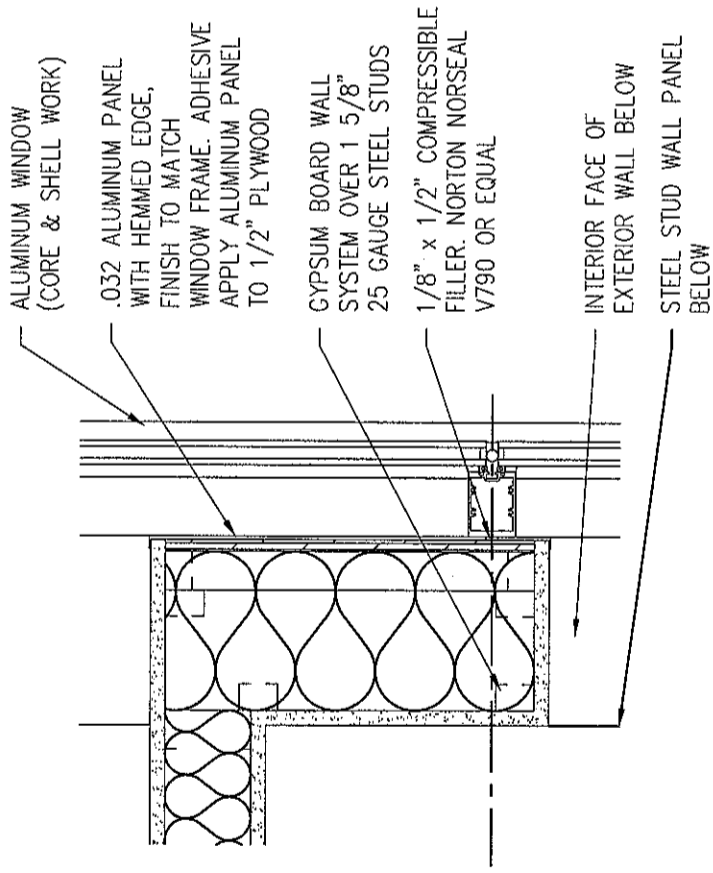
2 PARTITION AT GLAZING

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



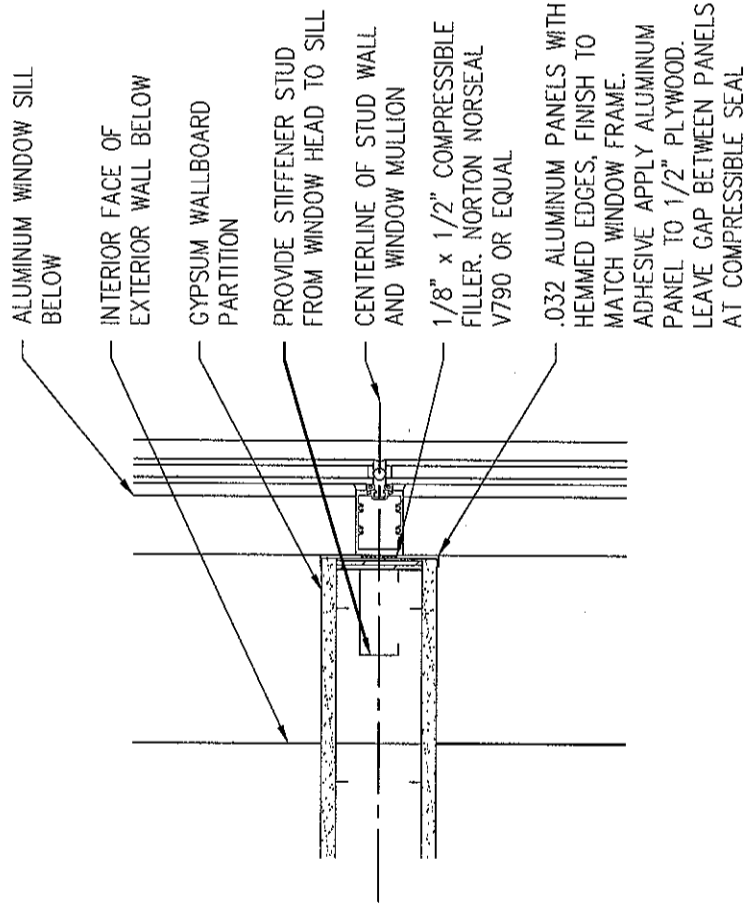
4 DROPPED HEADER

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



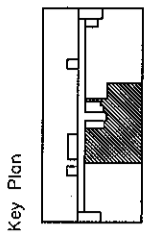
1 PARTITION TO MULLION

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

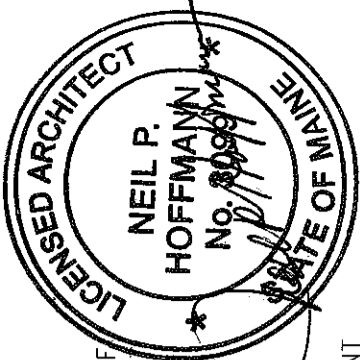


3 PARTITION AT MULLION

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



Revisions



Sheet
Interior Details

Project
**MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine**

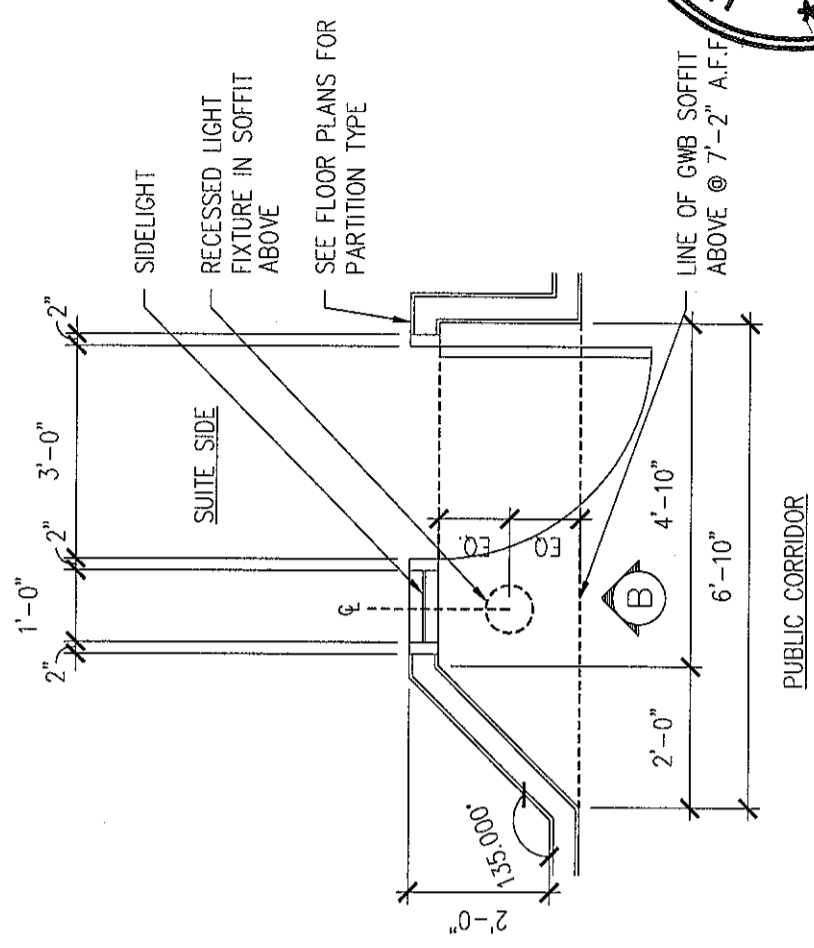
All About Women

Suite 440

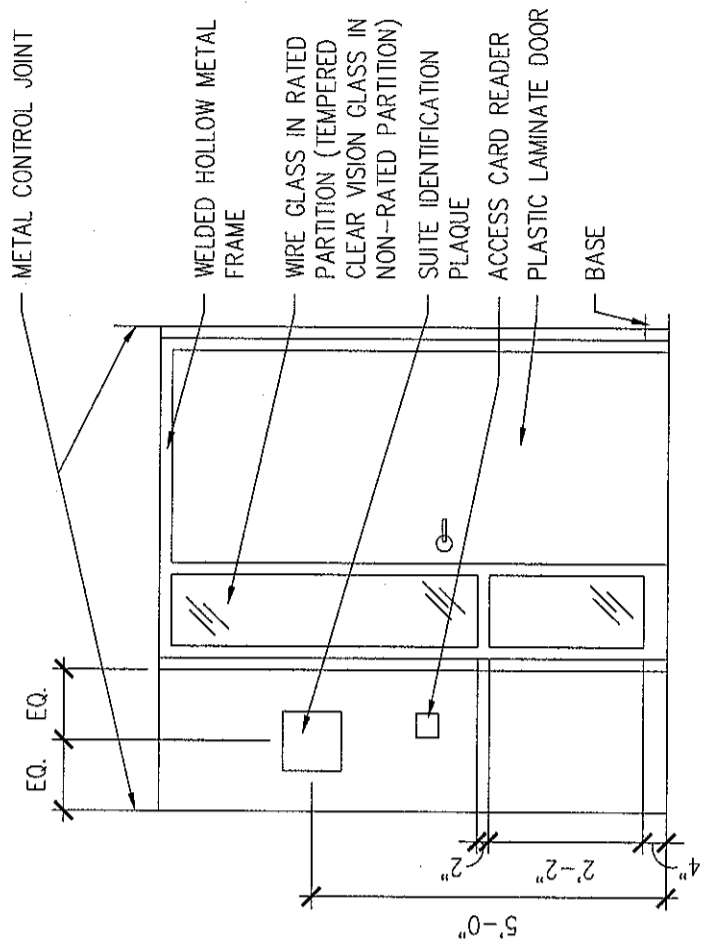
Date
November 26, 2007

Project No.
F07-5256.03

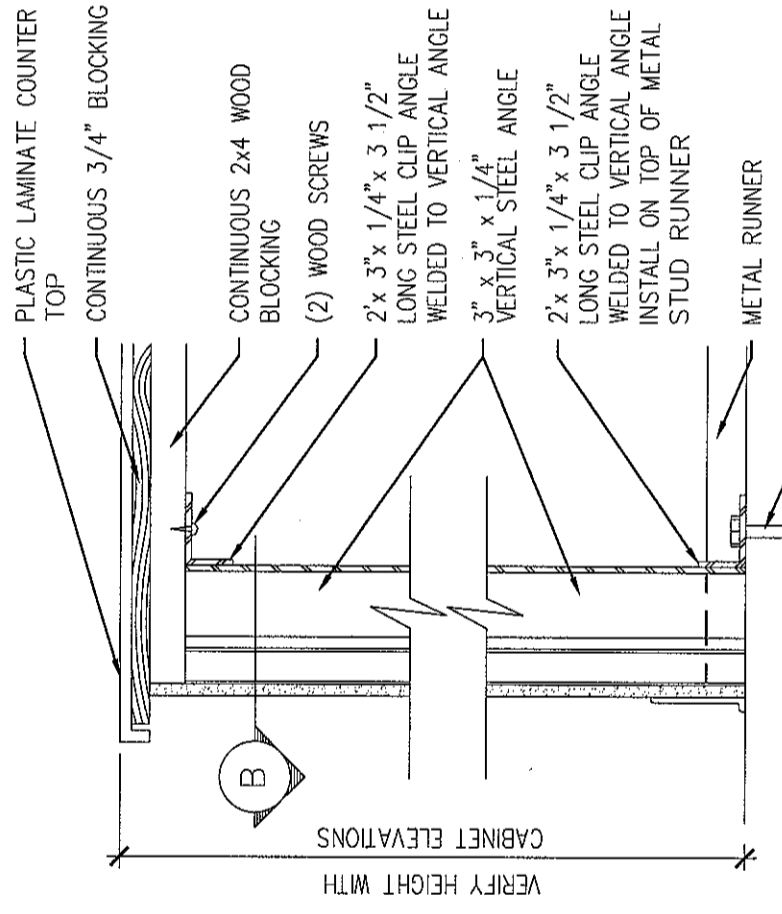
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A10.4



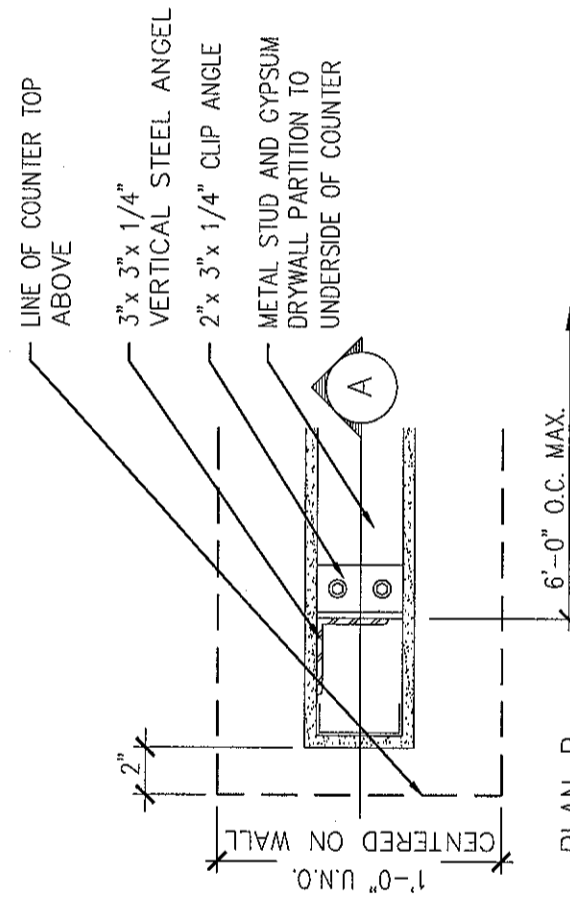
PLAN - A



ELEVATION - B



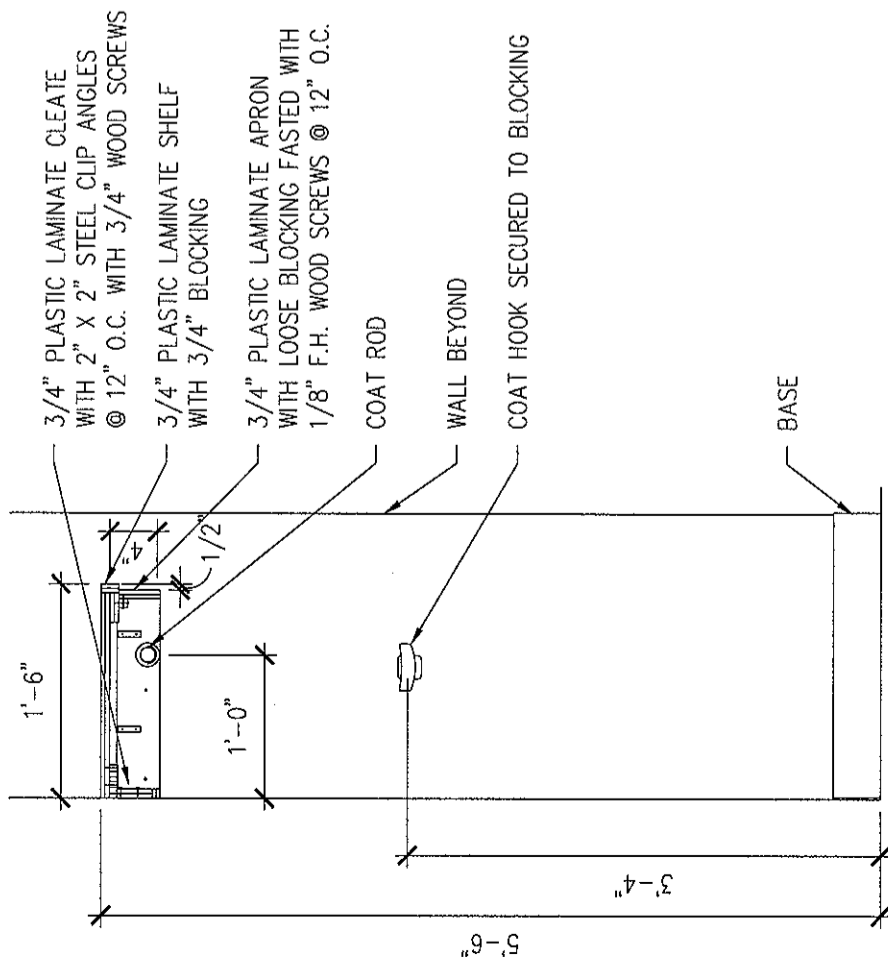
SECTION - A



PLAN - B

DETAIL NOT USED

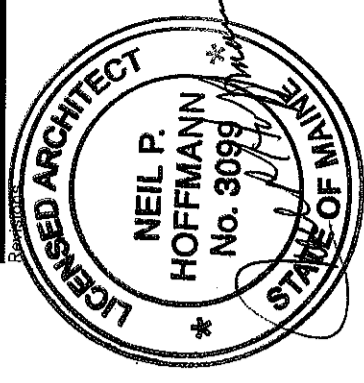
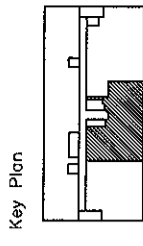
1 NURSE STATION COUNTER
 SCALE: 3/4" = 1'-0"



2 COAT RACK
 SCALE: 3/4" = 1'-0"

3 WALL BRACE
 SCALE: 1 1/2" = 1'-0"

4 RECESSED SUITE ENTRY
 SCALE: 3/8" = 1'-0"



Sheet
Interior Details

Project
MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

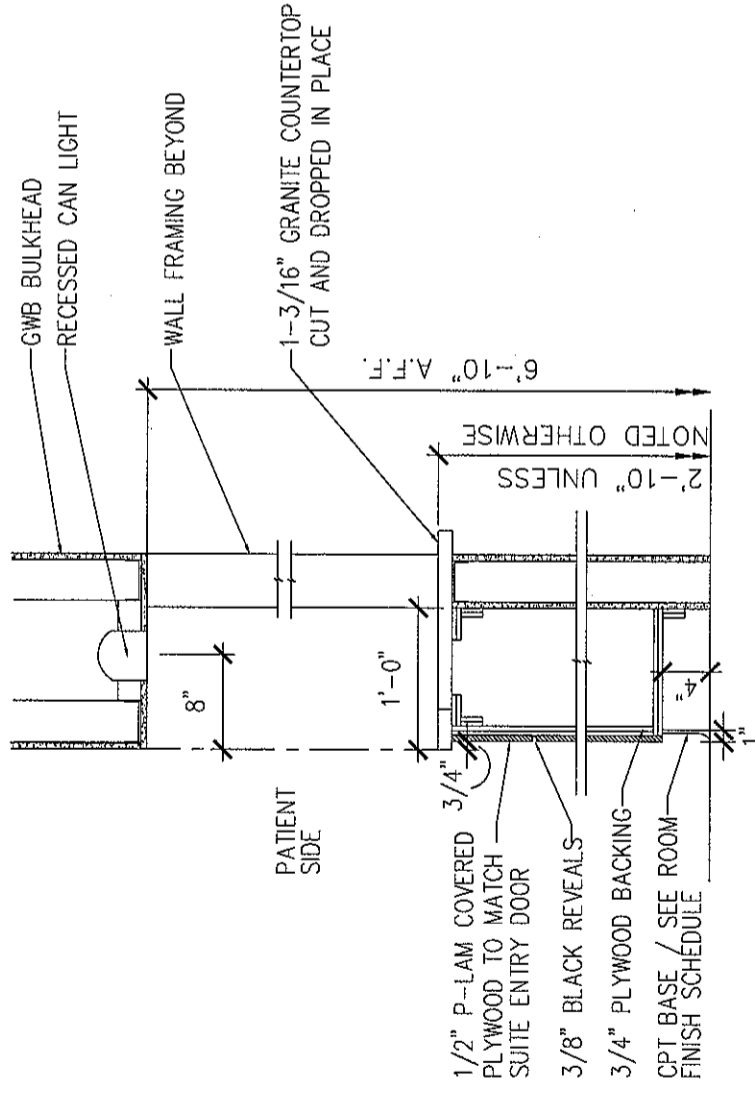
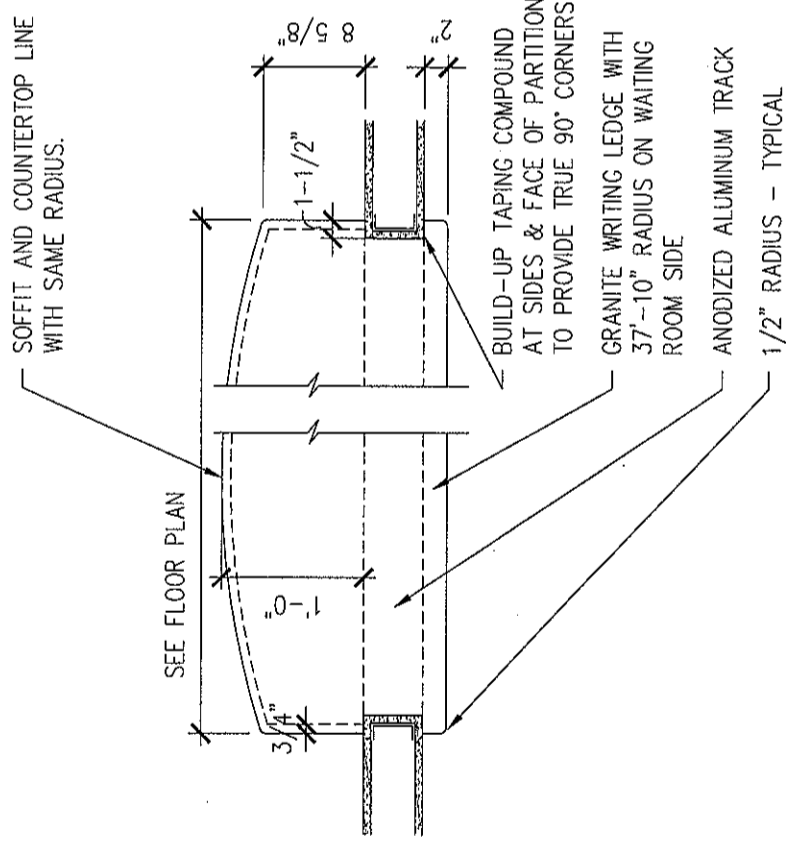
All About Women

Suite 440

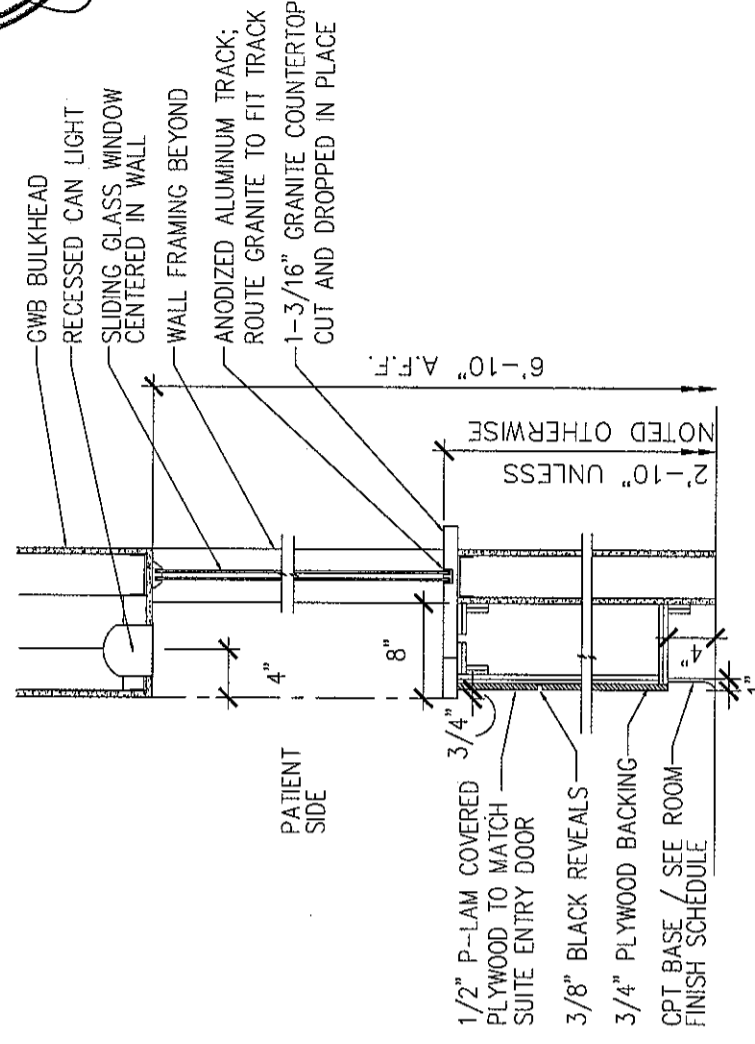
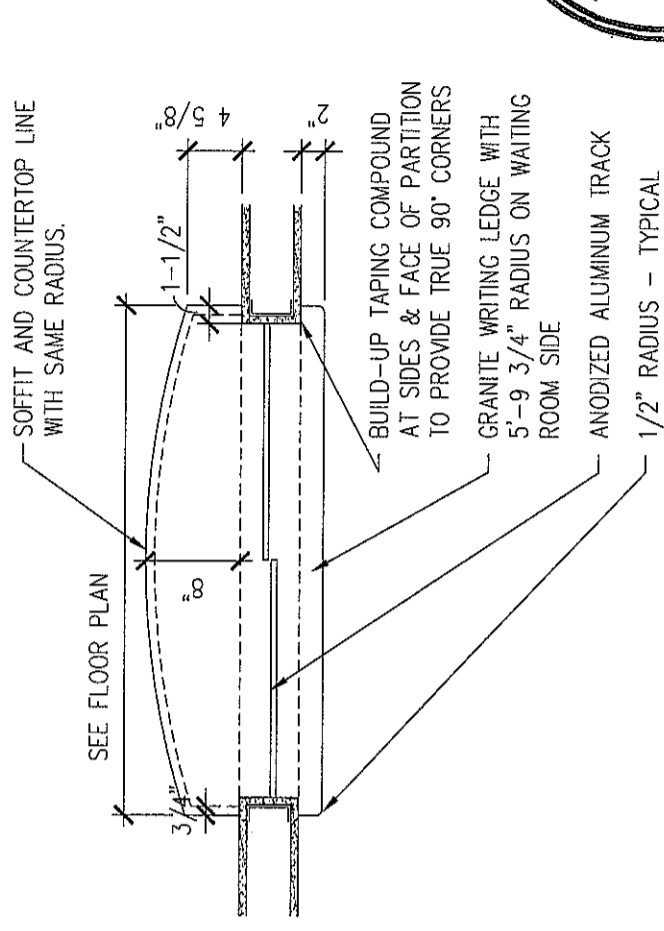
Date
November 26, 2007

Project No.
F07-5256.03

Sheet No.
A10.5



1 CHECK-IN COUNTER
SCALE: 3/4" = 1'-0"



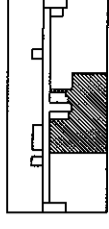
2 CHECK-OUT COUNTER
SCALE: 3/4" = 1'-0"

FURNISHINGS, FIXTURES AND EQUIPMENT SCHEDULE

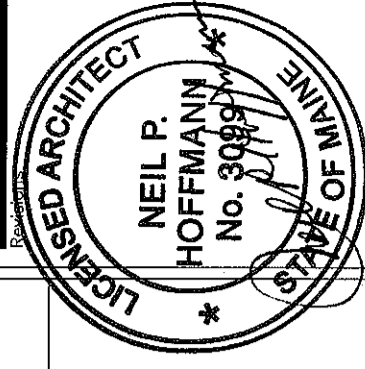
ROOM NO.	ITEM NO.	EQUIPMENT NAME	ROOM LOCATION	SIZE	FURNISHED BY	INSTALLED BY	ROUGH-IN ONLY BY CONTRACTOR	EQUIPMENT BOOK	NOTES
4402	E.01	COPIER	BUSINESS OFFICE	-	-	-	-	-	-
4402	E.02	FILES	BUSINESS OFFICE	-	-	-	-	-	-
4404	E.03	REFRIGERATOR	STAFF LOUNGE	2'-9"W X 5'-6" H	-	-	-	-	-
-	E.000	-	-	-	-	-	-	-	-
-	E.000	-	-	-	-	-	-	-	-
-	E.000	-	-	-	-	-	-	-	-
-	E.000	-	-	-	-	-	-	-	-
-	E.000	-	-	-	-	-	-	-	-
-	E.000	-	-	-	-	-	-	-	-
-	E.000	-	-	-	-	-	-	-	-

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 Telephone: (414) 271-0400
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Key Plan



NORTH



Sheet

Equipment by
 Tenant Schedule

Project

MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine

All About Women

Suite 440

Date

November 26, 2007

Project No.

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Sheet No.

A11.2

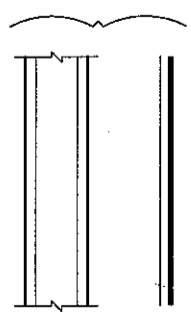
GENERAL NOTES

- ALL CONSTRUCTION SHALL BE COORDINATED WITH REQUIREMENTS OF THE TENANTS FURNISHINGS FIXTURES AND EQUIPMENT
- INFORMATION CONTAINED IN THESE DOCUMENTS IS FOR REFERENCE ONLY
- ALL FREESTANDING FURNITURE AND EQUIPMENT TO BE PROVIDED BY TENANT. FREESTANDING FURNITURE SHOWN FOR REFERENCE ONLY.

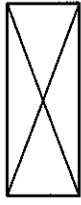
HVAC BASIC DUCTWORK SYMBOLS

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

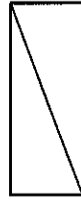
- SINGLE LINE DUCTWORK OR EQUIPMENT - NEW
- SINGLE LINE DUCTWORK OR EQUIPMENT - EXISTING
- DUCTWORK TO BE REMOVED



DUCTWORK WITH ACOUSTIC LINING



DUCT UNDER POSITIVE PRESSURE (SUPPLY AIR OR FAN DISCHARGE)



DUCT UNDER NEGATIVE PRESSURE (RETURN, EXHAUST OR OUTSIDE AIR)



VOLUME DAMPER



FIRE DAMPER AND ACCESS DOOR



BACK DRAFT DAMPER



COMBINATION SMOKE & FIRE DAMPER W/ACCESS DOOR



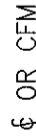
AUTOMATIC DAMPER



AUTOMATIC SMOKE DAMPER



CENTER LINE



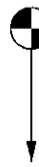
CUBIC FEET PER MINUTE



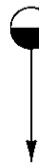
DIAMETER



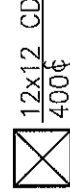
SQUARE FEET



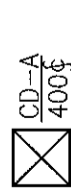
POINT OF CONNECTION



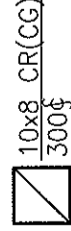
POINT OF DISCONNECTION



RECTANGULAR CEILING DIFFUSER WITH 12" X 12" NECK 400 CFM SUPPLY AIR



TYPE A CEILING DIFFUSER 400 CFM SUPPLY AIR



10" BY 8" CEILING REGISTER (CEILING GRILLE) 300 CFM RETURN AIR



RECTANGULAR DIFFUSER WITH BLANKING PLATE

- EWB ENTERING WET BULB
- EWT ENTERING WATER TEMPERATURE
- EXH EXHAUST
- *F DEGREES FAHRENHEIT
- FA FREE AREA (SQ.FT.)
- FC FLEXIBLE CONNECTION
- FD FIRE DAMPER
- FLA FULL LOAD AMPERES
- FPM FEET PER MINUTE
- GAL GALLON
- GPH GALLONS PER HOUR
- GPM GALLONS PER MINUTE
- HT HEIGHT
- HZ FREQUENCY
- IN INCH OR INCHES
- LAT LEAVING AIR TEMPERATURE
- LD LINEAR DIFFUSER
- LWB LEAVING WET BULB TEMPERATURE
- LWT LEAVING WATER TEMPERATURE
- MBH THOUSAND BTU PER HOUR
- MIN MINIMUM
- (N) NEW
- NIC NOT IN CONTRACT
- NO. NUMBER
- NTS NOT TO SCALE
- OA OUTSIDE AIR
- OAI OUTSIDE AIR INTAKE
- OED OPEN END DUCT
- RA RETURN AIR
- (RE) RELOCATED EXISTING
- RF RETURN FAN
- RH RELATIVE HUMIDITY
- RHC REHEAT COIL
- RPM REVOLUTIONS PER MINUTE
- SA SUPPLY AIR
- SD SMOKE DAMPER
- SP STATIC PRESSURE
- TEMP TEMPERATURE
- TYP TYPICAL
- UH UNIT HEATER
- VAV VARIABLE AIR VOLUME UNIT
- w/ WITH
- WMS WIRE MESH SCREEN

VANED ELBOW (SEE DETAIL) OR RADIUS ELBOW



FLEXIBLE DUCT



SLOTTED LINEAR DIFFUSER WITH PLENUM



VAV BOX TYPE A



VAV BOX TYPE A WITH REHEAT COIL



THERMOSTAT

HVAC ABBREVIATIONS

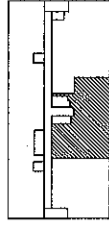
(NOT ALL ABBREV. ARE NECESSARILY USED ON THIS PROJECT)

- AD ACCESS DOOR
- AFF ABOVE FINISHED FLOOR
- AHU AIR HANDLING UNIT
- BHP BRAKE HORSEPOWER
- BTU BRITISH THERMAL UNIT
- BTUH BTU PER HOUR
- CD CEILING DIFFUSER
- CFM CUBIC FEET PER MINUTE
- CG CEILING GRILLE
- CLG CEILING
- CR CEILING REGISTER
- CV CONSTANT VOLUME
- DB DRY BULB
- DMPR DAMPER
- DX DIRECT EXPANSION
- (E) EXISTING TO REMAIN
- (ER) EXISTING TO BE REMOVED
- (ERR) EXISTING TO BE REMOVED & RELOCATED
- EAT ENTERING AIR TEMPERATURE
- EDB ENTERING DRY BULB TEMPERATURE
- EF EXHAUST FAN
- EL ELEVATION

LANDMARK HEALTHCARE FACILITIES, LLC

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Key Plan



Revisions

AKF engineers

1500 WALNUT STREET, SUITE 1400
PHILADELPHIA, PA 19102
215.735.7200 TEL. 215.735.6706 FAX
AKF PROJ. NO. P060106-3

ALLINGTON - BROOKLYN - NEW YORK - PHILADELPHIA
PRINCETON - STAMFORD - WASHINGTON DC

Sheet

HVAC
Cover Sheet

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

All About Women

Suite 440

Date

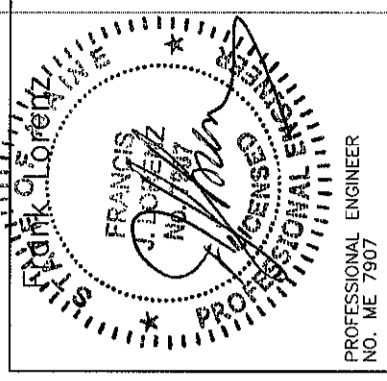
October 19, 2007

Project No.

F07-5256.03

Sheet No.

H-1.0



PROFESSIONAL ENGINEER
NO. ME 7907

SERIES FAN POWERED TERMINAL UNIT SCHEDULE

DESIGNATION	INLET SIZE	INDUCTION OPENING (WxH)	FILTER		DISCHARGE DUCT OPENING (WxH)	PERFORMANCE DATA			AIR DATA			FAN DATA		
			SIZE	EFFICIENCY		MIN. A SP	CFM @ MIN. A SP	MAX. PRIMARY CFM	MIN. PRIMARY CFM	MAX. RETURN CFM	CFM	EXT. SP (IN. W.G.)	FAN TYPE	
FPB-4-1	14	12x18.25	14x18	30%	16.5x14.63	0.5	2010	2010	0	2010	2010	0.5	CENTRIF	
FPB-4-2	14	12x18.25	14x18	30%	16.5x14.63	0.5	2115	2115	0	2115	2115	0.5	CENTRIF	

SERIES FAN POWERED TERMINAL UNIT SCHEDULE (CONT.)

DESIGNATION	MOTOR HP	FLA	ELECTRICAL DATA			ELECTRIC HEATING COIL DATA			FULL-LOAD AMPERES	No. OF STEPS (STAGES)	TYPE OF CONTROLS	MANUF. MODEL #	REMARKS		
			VOLTS	PHASE	HZ	MPH	KW INPUT	VOLTS						PHASE	HZ
FPB-4-1	1/3	3.0	480	3	60	43.2	12.7	480	3	60	15.2	3	DDC	DTFS	-
FPB-4-2	1/3	3.0	480	3	60	45.7	13.4	480	3	60	16.1	3	DDC	DTFS	-

TERMINAL BOX SCHEDULE

DESIGNATION	BOX TYPE	BOX SIZE (INLET SIZE)	AIRFLOW RANGE (CFM)		ELECTRIC HEATING COIL DATA			LOWEST MINIMUM HEATING CFM SETTING	MINIMUM STATIC PRESSURE ΔPS (IN W.G.)	DISCHARGE SOUND LEVEL AT MAX. CFM & ΔPS=1" (NC)			
			MIN.	MAX.	MBH	VOLTS	PHASE				HZ	No. OF STEPS (STAGES)	FULL-LOAD AMPERES
VAV-4-1	VAV	12	0	1890	12.0	480	3	60	14.4	3	425	0.5	28
VAV-4-2	VAV	14	0	2040	12.9	480	3	60	15.5	3	430	0.5	28

TERMINAL BOX SCHEDULE (CONT.)

DESIGNATION	RADIATED SOUND LEVEL AT MAX. CFM & ΔPS=1" (NC)	TYPE OF CONTROLS	MANUF. MODEL #	REMARKS
VAV-4-1	31	DDC	DESV	-
VAV-4-2	31	DDC	DESV	-

DIFFUSER SCHEDULE

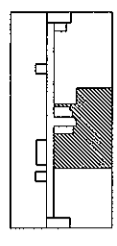
UNIT NO.	CFM RANGE	SERVICE	TYPE	NECK SIZE (IN.)	FACE OVERALL DIMENSIONS WxL (IN.)	BASIS OF DESIGN
LD-A	0-100	SUPPLY	LAY-IN	2-SLOT	3.75"WD. x 2'-0"	TITUS ML-38
LD-B	101-180 CFM	SUPPLY	LAY-IN	3-SLOT	5.25"WD. x 2'-0"	TITUS ML-38
LD-C	181-230 CFM	SUPPLY	LAY-IN	4-SLOT	6.75"WD. x 2'-0"	TITUS ML-38
CR	0-150	EXH	LAY-IN	6"φ	12x12	TITUS PAR
CR	301-450	EXH	LAY-IN	10"φ	24x24	TITUS PAR
CC	0-1500	RET	LAY-IN	22x22	24x24	TITUS PAR

NOTES:

- NOT ALL DIFFUSER AND REGISTER TYPES ARE NECESSARILY USED. REFER TO PLANS.
- LINEAR DIFFUSERS INSTALLED IN GYP BOARD WALLS OR CEILINGS TO COME WITH OPPOSED BLADE DAMPERS ACCESSIBLE FROM FACE OF DIFFUSER.
- LINEAR DIFFUSERS TO COME COMPLETE WITH MATCHING PLENUM MP-38.

LANDMARK HEALTHCARE FACILITIES, LLC
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Key Plan



Revisions

11-27-07
 CONSTRUCTION BULLETIN #1

AKF
 engineers

160 WALNUT STREET, SUITE 1400
 PORTLAND, ME 04101
 215.735.7200 TEL. 215.735.6706 FAX
 AKF PROJ. NO. P060106-3
 ADDRESS: BOSTON, NEW YORK, NEW ORLEANS
 BIRMINGHAM, STAMFORD, WASHINGTON

Sheet

HVAC
 Schedules

Project

MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine

All About Women
 Suite 440

Date

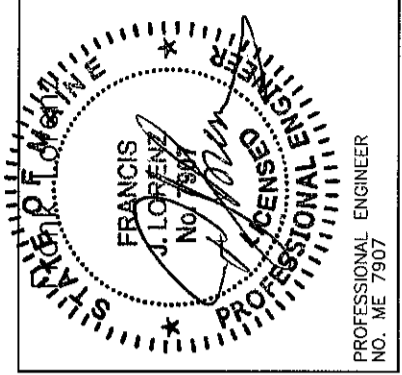
October 19, 2007

Project No.

F07-5256.03

Sheet No.

H-3.0



PROFESSIONAL ENGINEER
 NO. ME 7907

ELECTRICAL SYMBOLS LIST

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

A_α 2'x4'/2'x2'/1'x4' FLUORESCENT CEILING MOUNTED FIXTURE
'A' = FIXTURE TYPE
'α' = CONTROLLED BY SWITCH 'α'

A_α SIMILAR TO ABOVE WITH EMERGENCY BACKUP
'A' = FIXTURE TYPE
'α' = CONTROLLED BY SWITCH 'α'

'A' CEILING MOUNTED FIXTURE
'α' = FIXTURE TYPE
'α' = CONTROLLED BY SWITCH 'α'

'A' SIMILAR TO ABOVE WITH EMERGENCY BACKUP
'A' = FIXTURE TYPE
'α' = CONTROLLED BY SWITCH 'α'

'A' CEILING MOUNTED EXIT LIGHT - DIRECTIONAL
ARROWS WHERE INDICATED - SHADED AREAS INDICATE
ILLUMINATED FACE/FACES
'A' = FIXTURE TYPE

'A' WALL MOUNTED EXIT LIGHT - DIRECTIONAL
ARROWS WHERE INDICATED - SHADED AREAS INDICATE
ILLUMINATED FACE/FACES
'A' = FIXTURE TYPE

S_α SINGLE POLE SWITCH
3 = THREE-WAY
α = CONTROLS SWITCH LEG 'α'

\$_m DISCONNECT SWITCH - TOGGLE TYPE
MOTOR RATED, 20A, 1P, UON

OSH OCCUPANCY SENSOR, WALL MOUNTED
T TRANSFORMER

⊖_α 20A, 125V DUPLEX RECEPTACLE - FLUSH WALL MOUNTED
CONTROLLED FROM WALL SWITCH 'α'

⊕ 20A, 125V QUADRUPLX RECEPTACLE - FLUSH WALL MOUNTED
⊖ 20A, 125V DUPLEX RECEPTACLE FLUSH WALL MOUNTED
GF I TYPE.

→ 5 3 1 HOMERUN - NUMERAL WHERE USED INDICATES CIRCUIT
NUMBER FOR REFERENCE ONLY.
2#12+1#12G-3/4"C FOR ONE CKT. HOMERUN, U.O.N.
3#12+1#12G-3/4"C FOR TWO CKT. HOMERUN, U.O.N.
4#12+1#12G-3/4"C FOR THREE CKT. HOMERUN, U.O.N.

↑ HOMERUN - NUMERAL WHERE USED INDICATES CIRCUIT
NUMBER FOR REFERENCE ONLY

30/3 UNFUSED DISCONNECT SWITCH
SWITCH AMPS/# OF POLES, VOLTAGE RATING AS REQUIRED

100/60/3 FUSED DISCONNECT SWITCH; SWITCH AMPS/FUSE AMPS/
OF POLES, VOLTAGE RATING AS REQUIRED

■ SURFACE MOUNTED LIGHTING PANELBOARD

▨ SURFACE MOUNTED POWER PANELBOARD

⊙ CEILING MOUNTED JUNCTION BOX

⊙-H FLUSH WALL MOUNTED JUNCTION BOX

⊓ FLUSH FLOOR MOUNTED JUNCTION BOX

— NEW CONCEALED CONDUIT

--- NEW EXPOSED CONDUIT

EF-1 EQUIPMENT DESIGNATION
208V, 3φ VOLTAGE, PHASE
5HP HP, KW OR FLA OF EQUIPMENT

⬡_F CEILING MOUNTED SPACE SMOKE DETECTOR
F = MOUNTED UNDER RAISED FLOOR

⬢ COMBINATION FIRE ALARM HORN AND STROBE LIGHT UNIT
FLUSH WALL MOUNTED

⬢ COMBINATION FIRE ALARM SPEAKER AND STROBE LIGHT UNIT
FLUSH WALL MOUNTED

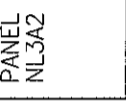
⬢ FLUSH WALL MOUNTED STROBE LIGHT UNIT

▼_{#/#} VOICE & DATA OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED
IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING
#/# = # OF VOICE JACKS/# OF DATA JACKS

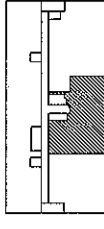
▼_# VOICE OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED
IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING
P = PUBLIC
F = FAX
W = WALL MOUNTED 48" AFF
= NUMBER OF JACKS

ⓧ TELEVISION OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED
IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING

LANDMARK
HEALTHCARE
FACILITIES, LLC
839 North Jefferson Street
Milwaukee, Wisconsin 53202
Telephone: (414) 277-0800
Facsimile: (414) 277-1055



Key Plan



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SINGLE LINE DIAGRAM SYMBOLS

△ 480V POWER TRANSFORMER
500KVA
X 120/208 VOLTAGES, WINDINGS AND SIZE AS INDICATED

PANELBOARD

ABBREVIATIONS

(NOT ALL ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT)

+ SPECIAL MOUNTING HEIGHT. COORDINATE
LOCATION WITH ARCHITECTURAL ELEVATIONS

A AMPERE

AFF ABOVE FINISHED FLOOR

AIC AMPERE INTERRUPTING CAPACITY

(E) EXISTING TO REMAIN

EM EMERGENCY

(ER) EXISTING TO BE REMOVED

(ERR) EXISTING TO BE REMOVED & RELOCATED

(RE) RELOCATED EXISTING

UON UNLESS OTHERWISE NOTED

V VOLT OR VOLTAGE

XFMR TRANSFORMER

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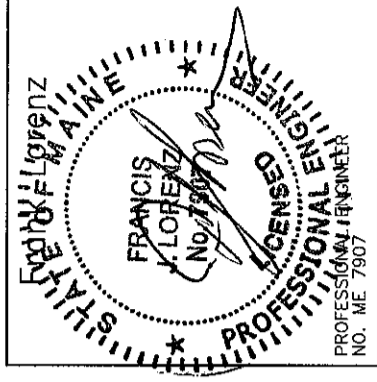
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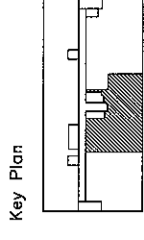
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Floor Plan
Power**

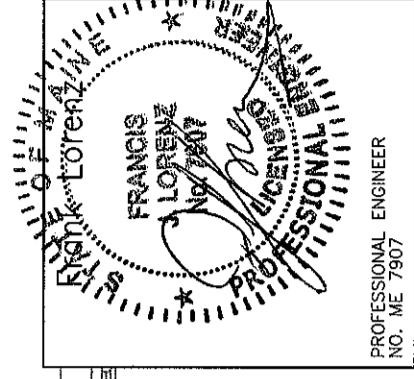
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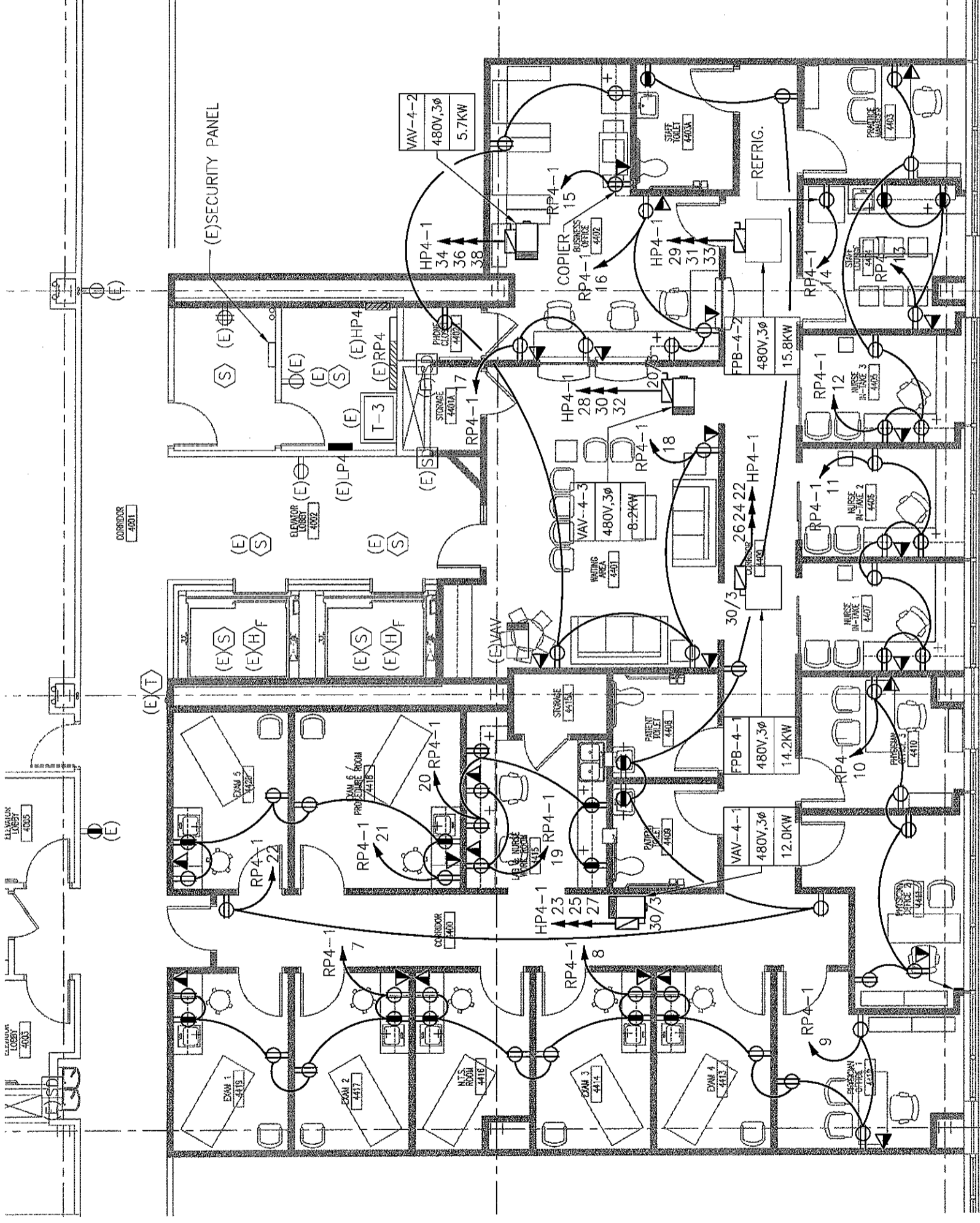
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PROFESSIONAL ENGINEER
NO. ME 7907



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

- DRAWING NOTES:
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHTS OF OUTLETS.
 - REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.

Key Plan



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**Electrical
Floor Plan
Lighting**

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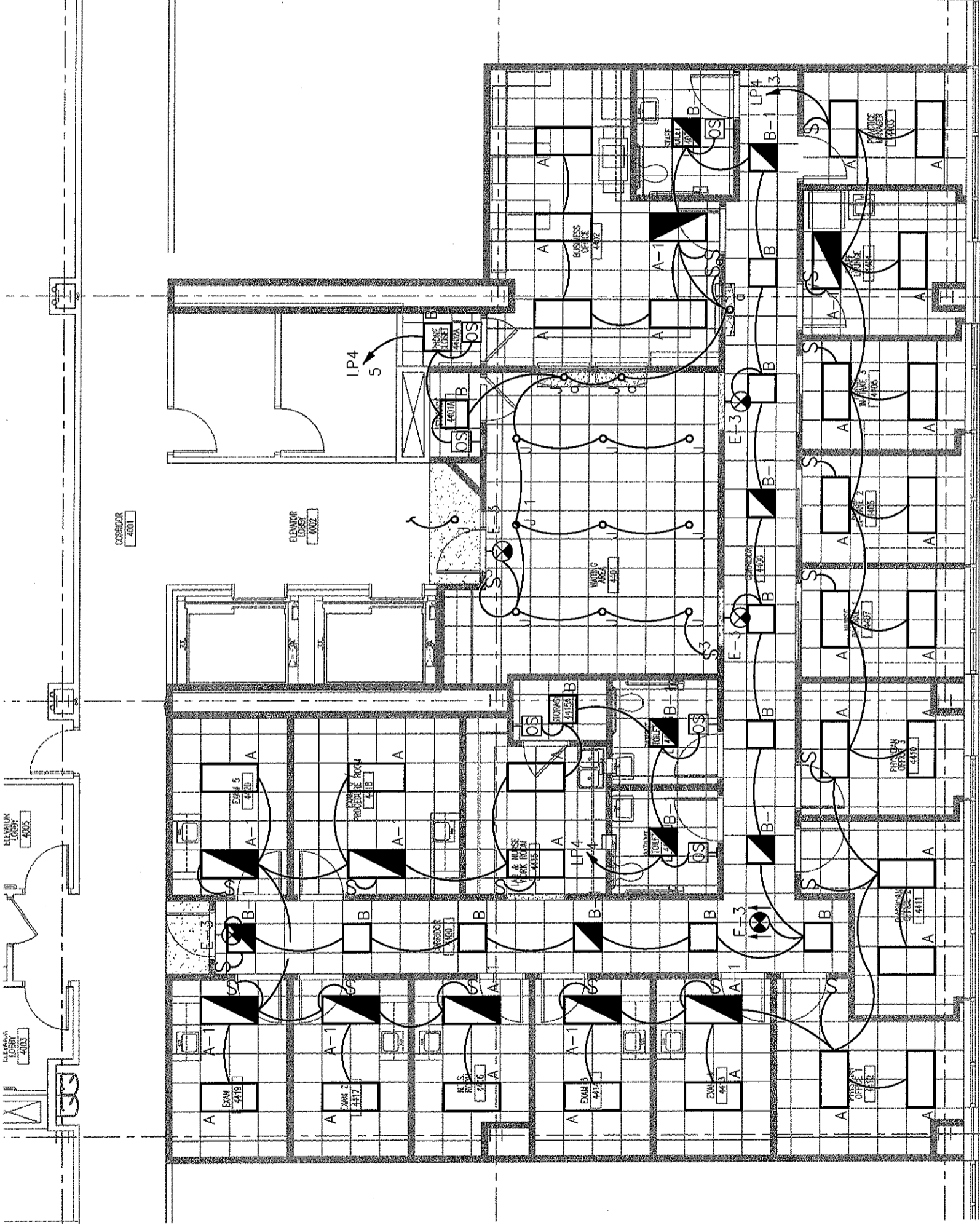
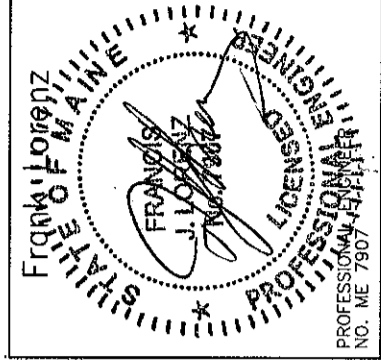
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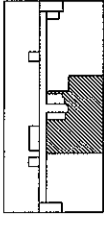
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1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

Key Plan



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**Electrical
Floor Plan
Misc. Systems**

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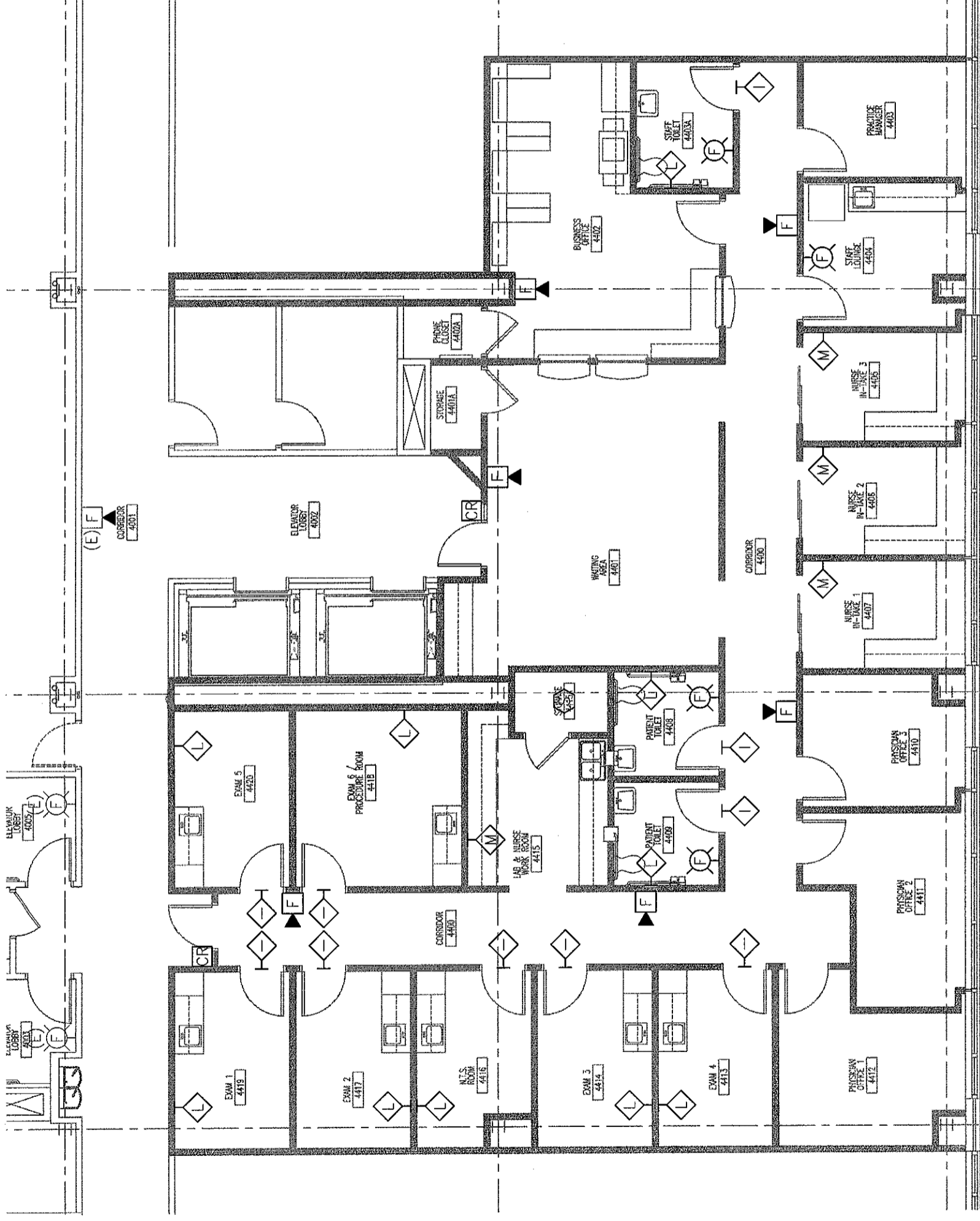
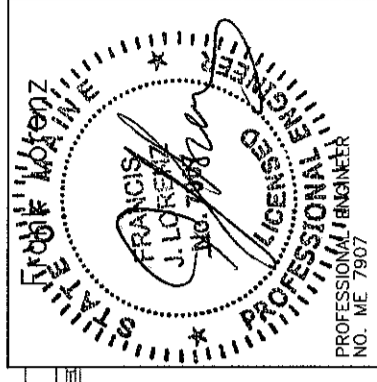
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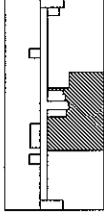


1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

DRAWING NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHTS OF OUTLETS.
2. COORDINATE FINAL LOCATIONS OF ALL NURSE CALL STATIONS WITH OWNER PRIOR TO INSTALLATION.
3. REFER TO E-6.0, DETAIL 1 FOR TYPICAL SINGLE DOOR CARD READER CONFIGURATION.

Key Plan



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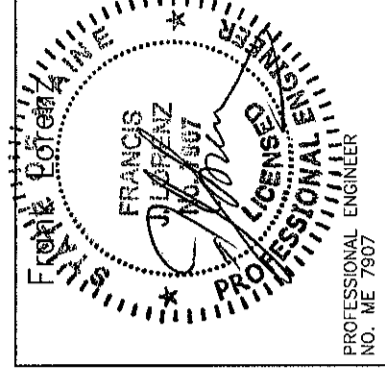
E-5.1

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS		FIXTURE WATTS	MOUNTING	
				NO.	TYPE		VOLTS	
A	2' X 4' FLUORESCENT LIGHT WITH PRISMATIC ACRYLIC LENS	METALUX LITHONIA	HRD2GCAV432A-EB81 2SPG4D32RWA12-1/4GEBAPB	4	32W T8	128	277	RECESSED
A-1	FLUORESCENT LIGHT FIXTURE SHALL BE SIMILAR TO FIXTURE A, WITH BATTERY POWER EMERGENCY BACK-UP BALLAST	METALUX LITHONIA	HRD2GCAV432A-EB81 2SPG4D32RWA12-1/4GEBAPB	4	32W T8	128	277	RECESSED
B	2' X 2' FLUORESCENT LIGHT FIXTURE WITH PRISMATIC ACRYLIC LENS	METALUX LITHONIA	HRD2GCAVFA2U6T8A-EB81 2SPG2DU31RWA12-GEBAPB	2	32W T8	64	277	RECESSED
B-1	FLUORESCENT LIGHT FIXTURE SHALL BE SIMILAR TO FIXTURE B, WITH BATTERY POWER EMERGENCY BACK-UP BALLAST	METALUX LITHONIA	HRD2GCAVFA2U6T8A-EB81EL4 2SPG2DU31RWA12-GEBAPBEL	2	32W T8	64	277	RECESSED
E-3	EXIT LIGHT, SHALL BE CEILING AND WALL MOUNTED, SINGLE OR DOUBLE FACE WITH BATTERY POWER EMERGENCY BACK UP. DIRECTIONAL ARROWS AND LETTER COLOR AS REQUIRED	LITHONIA SURE-LITES MCPHILBEN	PRECISE LRP SERIES ELX SERIES 45V SERIES	-	LED	5	277	CEILING/WALL
J	COMPACT FLUORESCENT RECESSED DOWNLIGHT FIXTURE, SHALL BE 7-1/2" DIAMETER OPEN APERTURE WITH CLEAR ALZAK REFLECTOR	PORTFOLIO LITHONIA	C72181H7280LI AF218TRT6AR	2	18W DIT	36	277	RECESSED

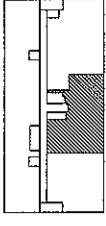
NOTES:

1. FIXTURES MUST UTILIZE MULTILAMP BALLAST. FIXTURES INSTALLED MUST NOT EXCEED FIXTURE WATTAGE LISTED ON SCHEDULE.
2. ALL FIXTURES LISTED FIRST ON SCHEDULE TO BE TAKEN AS BASIS OF DESIGN.
3. ALL NEW FIXTURES SHALL MATCH EXISTING IN BUILDING.



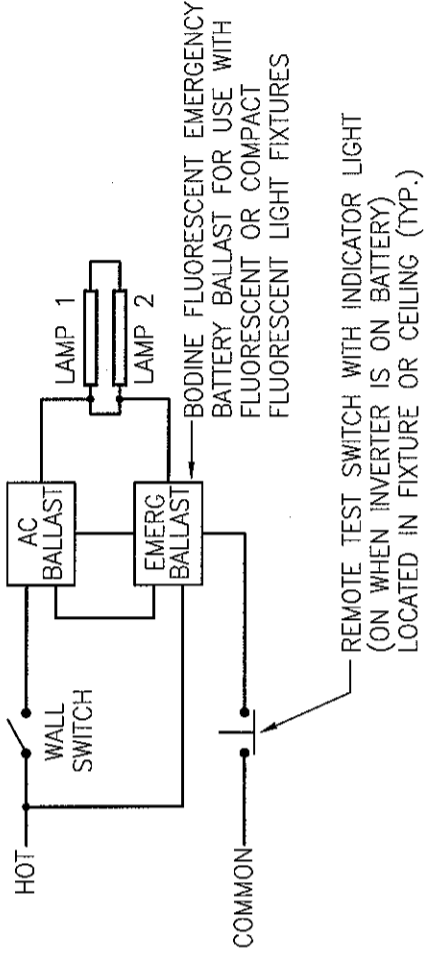
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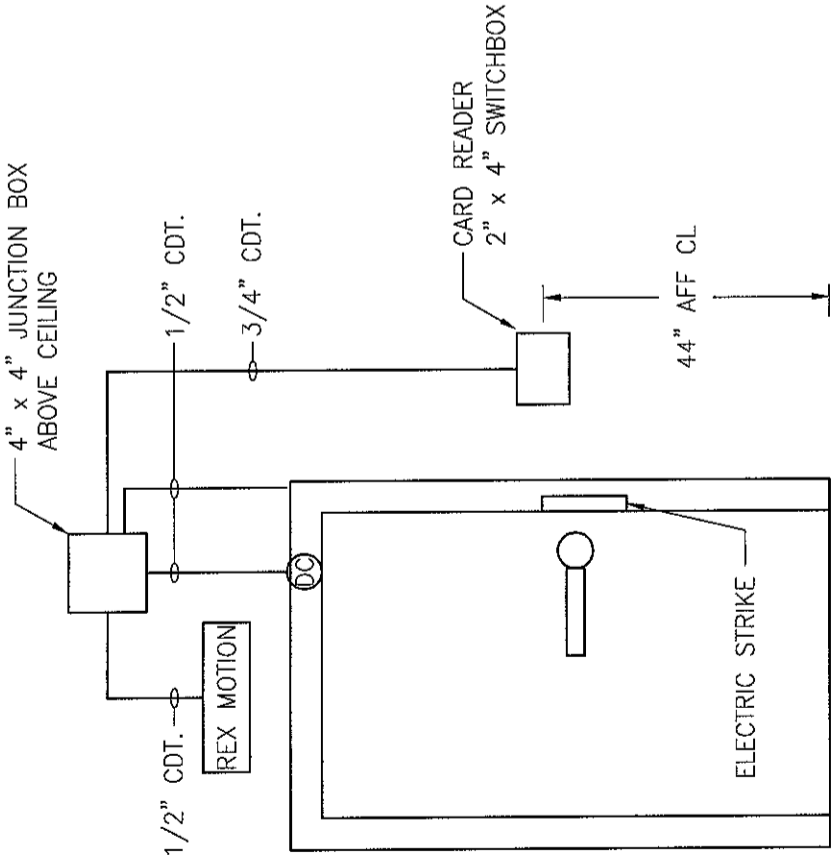
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SEQUENCE:
 - NORMAL OPERATION: LIGHT FIXTURE IS SWITCHED AND EMERGENCY BALLAST IS IN CHARGING MODE.
 - EMERGENCY OPERATION: SWITCHED LIGHT FIXTURE WHETHER ON OR OFF ENERGIZES THRU INTERNAL RELAY PREFABRICATED IN EMERGENCY BALLAST.



2 NORMAL/EMERGENCY WIRING SCHEMATIC

SCALE: N.T.S.



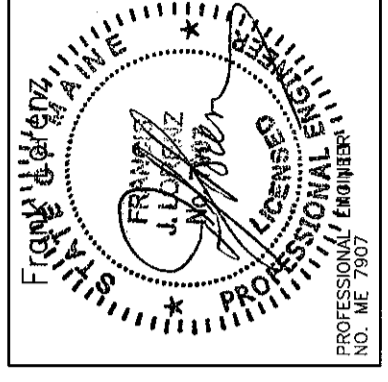
1 TYPICAL SINGLE DOOR DETAIL

SCALE: N.T.S.

AMPS	TAGS	WIRE SIZE (AWG/KCMIL)		No. OF WIRES AND CONDUIT SIZE (IN INCHES)		
		CONDUCTOR PHASE AND NEUTRAL	GROUND	A 1PH, 2W+G	B 3PH, 3W+G	C 3PH, 4W+G
15	1	14	14	3/4	3/4	3/4
20	2	12	12	3/4	3/4	3/4
30	3	10	10	3/4	3/4	3/4
40	4	8	10	3/4	3/4	3/4
50	5	6	10	3/4	1	1
60	6	4	10	1	1 1/4	1 1/4
70	7	4	8	1	1 1/4	1 1/4
80	8	3	8	1	1 1/4	1 1/4
90	9	2	8	1 1/4	1 1/4	1 1/4
100	10	1	8	1 1/4	1 1/4	2

NOTE:

- THE ABOVE SCHEDULE IS BASED ON 600 VOLT WIRE TYPE THWN/XHHW AND EMT/RGS CONDUIT
- NUMBER INDICATES FEEDER SIZE IN AMPS AND WIRE LETTER INDICATES CONDUIT SIZE AND NUMBER OF WIRES



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E-6.0

PLUMBING BASIC SYMBOLS

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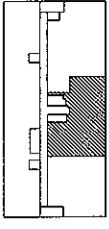
	EXISTING PIPING
	NEW SOIL, WASTE OR SANITARY PIPING
	VENT PIPING (SANITARY)
	PIPING BELOW SLAB
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING (120°)
	DOMESTIC HOT WATER CIRCULATION PIPING
	DISCONNECT FROM EXISTING
	CONNECT TO EXISTING
	CLEAN OUT/PLUGGED OUTLET
	CAPPED OUTLET
	CLEAN-OUT DECK PLATE
	P-TRAP
	VACUUM BREAKER
	BOTTOM PIPE CONNECTION
	TOP PIPE CONNECTION
	PIPE DOWN/DROP
	PIPE RISE/UP
	TRAP
	MIXING VALVE
	BALL VALVE
	REDUCED PRESSURE ZONE BACKFLOW PREVENTER ASSEMBLY
	BALANCING VALVE ASSEMBLY
	RISER DESIGNATION
	RISER SERVICE RISER NUMBER

PLUMBING ABBREVIATIONS

(NOT ALL ABBREV. ARE NECESSARILY USED ON THIS PROJECT)

CO	CLEANOUT
CODP	CLEANOUT DECK PLATE
CM	COFFEE MAKER
CVO	CAPPED AND VALVED OUTLET
CW	COLD WATER
CLG	CEILING
CONN	CONNECT
DN	DOWN (PENETRATES FLOOR SLAB)
DR	DRAIN
DWG	DRAWING
(E)	EXISTING
FL	FLOOR
FT	FEET
HW	HOT WATER
HWR	HOT WATER RETURN
LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
(N)	NEW
PO	PLUGGED OUTLET
SAN	SANITARY
SK	SINK
TYP	TYPICAL
UP	UP (PENETRATES FLOOR SLAB)
V	VENT
W	WASTE
WC	WATER CLOSET

Key Plan



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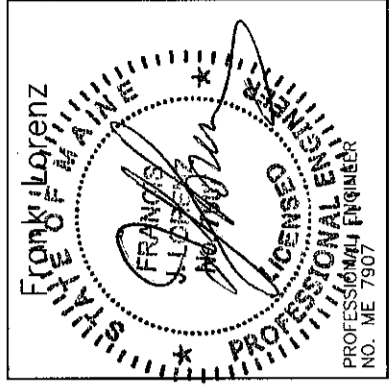
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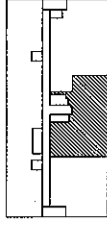
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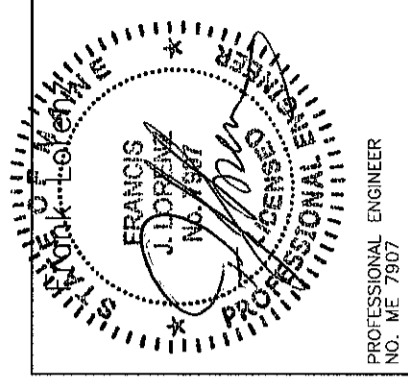
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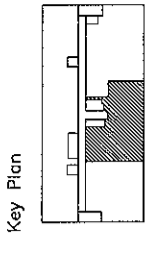
PLUMBING GENERAL NOTES

1. GENERAL NOTES, SYMBOLS LIST AND DETAILS ARE APPLICABLE TO ALL DRAWINGS MARKED P.
2. DRAWINGS ARE DIAGRAMMATIC; DETERMINE LOCATIONS OF SYSTEMS AND COMPONENTS IN FIELD.
3. NEITHER ACCURACY NOR COMPLETION OF UTILITY LOCATIONS SHOWN ON DRAWINGS IS GUARANTEED. DETERMINE EXACT LOCATIONS OF EXISTING UTILITY IN FIELD, WHETHER OR NOT SHOWN ON DRAWINGS. EXERCISE CAUTION AND IDENTIFY LOCATIONS OF UNMARKED UTILITY LINES AS NECESSARY TO PERFORM WORK OF THIS SECTION.
4. ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE CURRENT PLUMBING CODE AND ALL APPLICABLE LOCAL CODES AND DRAWINGS.
5. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES, INCLUDING (BUT NOT LIMITED TO), ELECTRICAL, HVAC PROCESS PIPING, SPRINKLER, PLUMBING STRUCTURAL AND GENERAL ARCHITECTURE.
6. ANY INTERFERENCE SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND THE OWNER'S REPRESENTATIVE, AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF THE WORK INVOLVED.
7. NO WORK SHALL BE INSTALLED IN VIOLATION OF ANY GOVERNING CODES. ANY WORK SHOWN ON THE DRAWINGS WHICH IS IN VIOLATION OF SUCH CODES SHALL BE BROUGHT TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND THE OWNER'S REPRESENTATIVE AND SHALL BE RESOLVED PRIOR TO THE INSTALLATION OF THE WORK INVOLVED.
8. ALL PIPING PENETRATING CEILING AND WALLS SHALL BE INSTALLED WITH CHROME (STAINLESS WHERE NOTED) PLATED ESCUTCHEONS AT THE PENETRATION. ALL PIPING PENETRATING EXTERIOR WALLS AND ROOFS SHALL BE FLASHED IN AN APPROVED MANNER AND SHALL BE SEALED WEATHER TIGHT. PIPING PENETRATING RATED PARTITIONS SHALL BE PROTECTED AS REQUIRED BY LOCAL CODE AUTHORITY. (SEE DETAILS)
9. MANUFACTURER'S MODEL NUMBERS ARE SPECIFIED SOLELY TO ESTABLISH STANDARDS OF QUALITY FOR PERFORMANCE AND MATERIALS.
10. PRODUCTION INSTALLATION SHALL ADHERE TO MANUFACTURERS' RECOMMENDATIONS.
11. PROVIDE ACCESS PANELS FOR EQUIPMENT THAT REQUIRES PERIODIC SERVICE.

12. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN HEREIN.
13. PROVIDE SHUTOFF VALVES ON ALL BRANCH PIPING AND ON ALL SUPPLIES TO INDIVIDUAL FIXTURES AND EQUIPMENT. PROVIDE BALL VALVES ON ALL WATER MAIN BRANCHES IN CORRIDORS AND WHERE INDICATED ON DRAWINGS. ALL VALVES SHALL BE ACCESSIBLE.
14. ALL SLEEVES THROUGH CONCRETE FLOORS AND ALL CORE DRILLING OF CONCRETE FLOORS AND WALLS SHALL BE BY THIS CONTRACTOR.
15. CONCRETE PADS AND PLATFORMS FOR WORK OF THIS SECTION WILL BE PROVIDED BY GENERAL CONTRACTOR. PROVIDE INFORMATION AND HARDWARE AS NECESSARY TO COORDINATE WORK.
16. SCHEDULE WORK OF THIS SECTION TO AVOID INTERFERE WITH FIRE-PROOFING WORK.
17. RUN PIPING CONCEALED, UNLESS SPECIFIED OTHERWISE, AND CLEAR OF CEILING INSERTS.
18. STRUCTURAL WELDING SHALL BE 1/4-INCH FILLET UNLESS REQUIRED OTHERWISE.
19. PROVIDE CLAMPS, OFFSETS, EXPANSION JOINTS, ANCHORS AND GUIDES AS NECESSARY TO PREVENT STRESS ON PIPING.
20. PROVIDE BALANCING VALVES AT SYSTEM LOOP RETURNS AND AT RETURN RISERS. PROVIDE SHUT-OFF VALVES AT SYSTEM LOOP SUPPLIES AND SUPPLY RISERS.
21. PROVIDE VENTS AT HIGH POINTS IN PIPING SYSTEMS AND DRAIN VALVES AT LOW POINTS.
22. PROVIDE GAUGE FITTINGS AND THERMOMETER WELLS AT HOT WATER SUPPLY AND RETURN BRANCHES AND AT PUMP INLETS AND OUTLETS.
23. VERIFY EXACT SIZES, LOCATIONS, INVERTS AND ELEVATIONS PRIOR TO RUNNING ANY PIPING. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FIXTURES AND EQUIPMENT.
24. PLUMBING SUBCONTRACTOR IS RESPONSIBLE FOR EXTENDING ALL REGULATOR VENTS TO ATMOSPHERE. REGULATORS ARE PART OF EQUIPMENT GAS TRAIN.
25. PIPING SHALL NOT RUN OVER ELECTRICAL PANELS AND SHALL BE COORDINATED WITH WORK OF OTHER TRADES.



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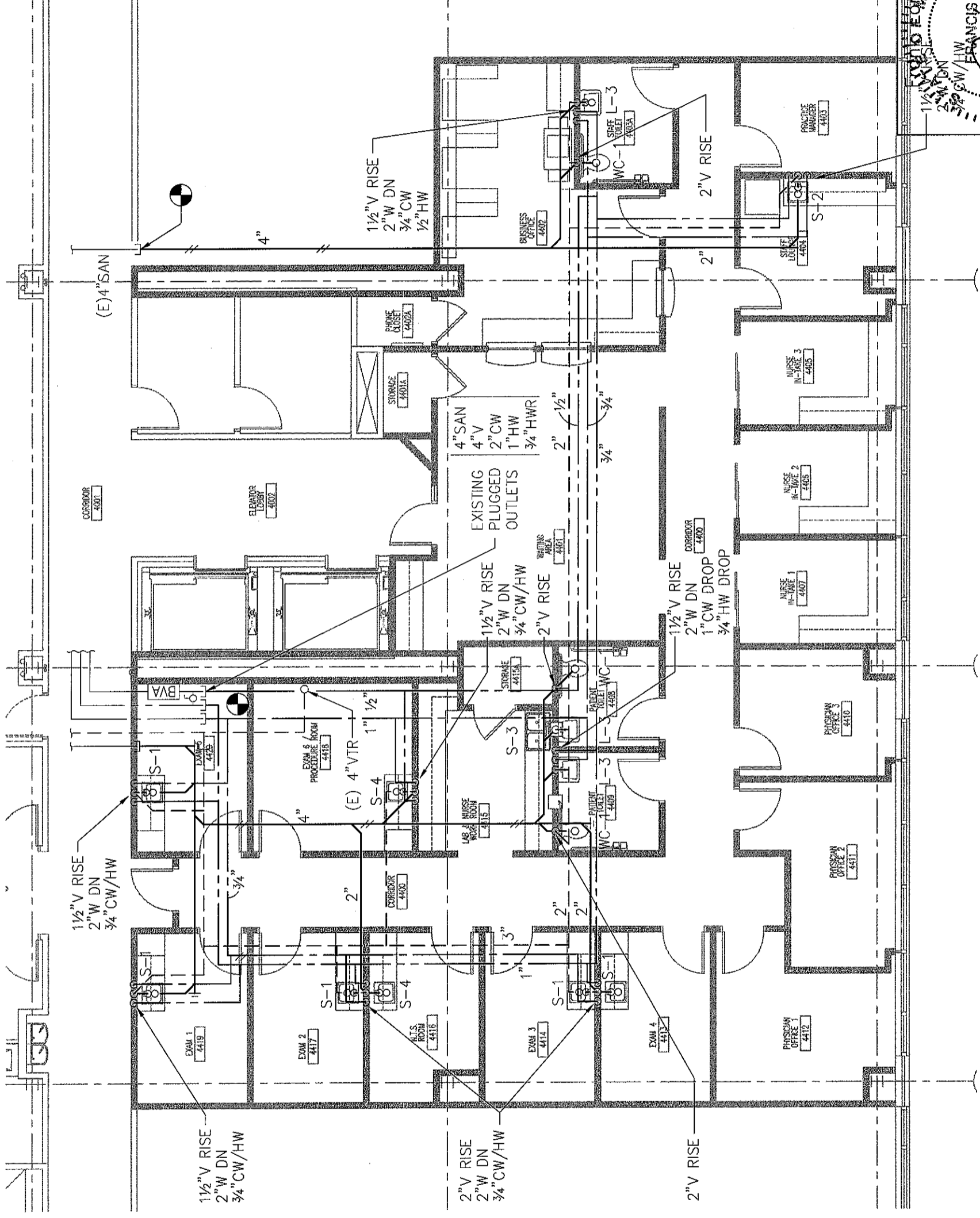
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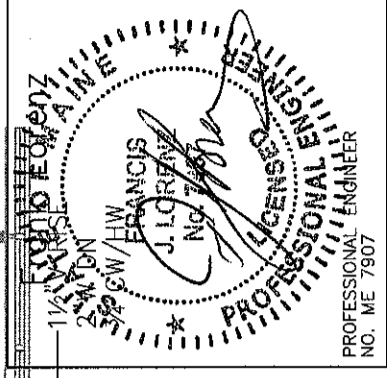
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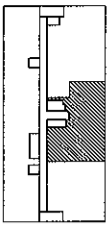


1 FLOOR PLAN
 SCALE: 1/8" = 1'-0"



PROFESSIONAL ENGINEER
 NO. ME 7907

Key Plan



NORTH



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Plumbing
Schedules

Project

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All About Women

Suite 440

Date

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PLUMBING FIXTURE SCHEDULE

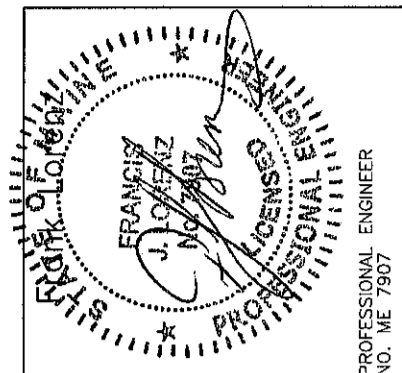
FIXTURES	FIXTURE #	SERVICE CONNECTION					MANUFACTURER AND EQUIPMENT	MODEL NO.	REMARKS
		S	W	V	CW	HW			
WATER CLOSET	WC-1								
FLUSH TANK (BOTTOM OUTLET)		4"		2"	1/2"		AMERICAN STANDARD CADET OLSONITE OPEN FRONT SEAT LESS COVER	2377.100 95	
LAVATORIES	L-1 L-2 L-3								
PRIVATE			1 1/2"	1 1/2"	1/2"		SK: ELJER FAUCET: ELJER DRAIN: ELJER	051-2101 3571002 POP-UP	FURNISH OFFSET TRAP, VALVE STOPS, RISERS AND INSULATION KIT.
SINKS	S-1 S-2 S-3 S-4								
EXAM			2"	1 1/2"	3/4"		SK: ELKAY FAUCET: ELKAY DRAIN: ELKAY	BCR-15 LK411ABH4 LK36	
PANTRY			2"	1 1/2"	3/4"		SK: ELKAY FAUCET: ELKAY DRAIN: ELKAY HOT WATER DISPENSER: INSINKERATOR	CR-3321 LK4380FCR (2)LK35L HOT1	
LABORATORY			2"	1 1/2"	3/4"		SK: ELKAY FAUCET: ELKAY DRAIN: ELKAY	CR-2521 LK411ABH4 LK35	
PROCEDURE			2"	1 1/2"	3/4"		SK: ELKAY FAUCET: ELKAY DRAIN: ELKAY	DLR-2522 LK411ABH4 LK35	12" DEEP

NOTES:

1. THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES SHALL BE AS PER THE ARCHITECTURAL DRAWINGS.
2. ALL SINKS AND LAVATORIES THAT ARE HANDICAPPED ACCESSIBLE SHALL BE PROVIDED WITH THERMAL AND IMPACT INSULATION/SHIELDING KITS ON SUPPLIES, TRAPS, TAILPIECES AND WASTE OUTLETS.

PLUMBING EQUIPMENT SCHEDULE

EQUIPMENT	ITEM No.	SERVICE CONNECTION					MANUFACTURER AND EQUIPMENT	MODEL No.	REMARKS
		T	W	V	CW	HW			
SHOCK ARRESTOR	SA				1"		J.R. SMITH	SERIES 5000	
BACKFLOW PREVENTER	BPA-1				1/2"		WATTS	SERIES 7	

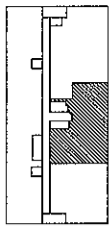


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Details**

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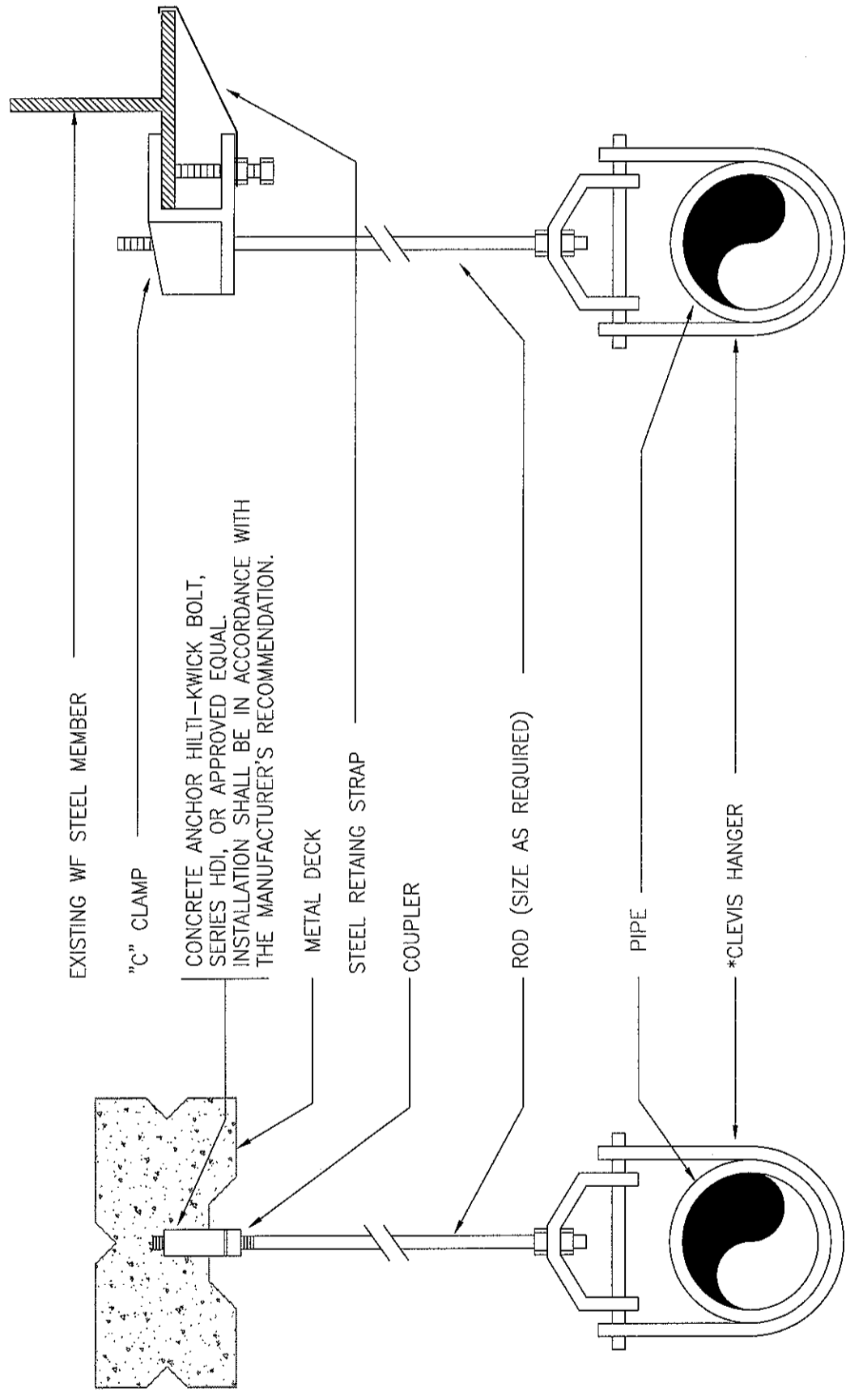
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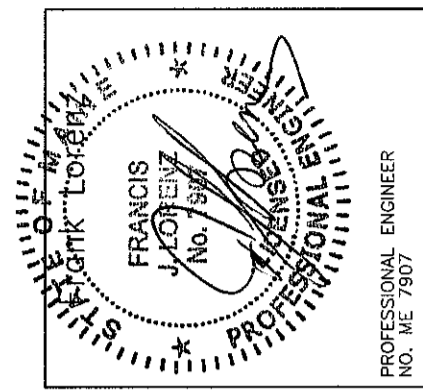
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HS04

TYPICAL HANGER DETAIL



* CLEVIS HANGERS REQUIRED ON PIPING LARGER 1".
GENERAL PURPOSE HANGERS MAY BE USED ON PIPING 1" OR SMALLER.

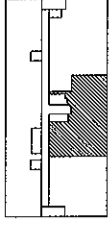


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**Plumbing
Risers**

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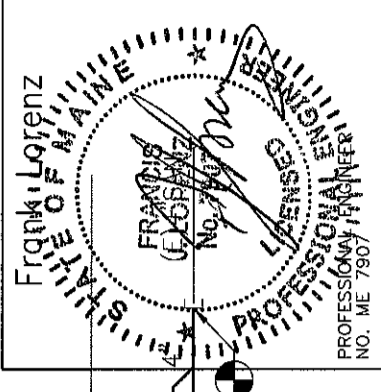
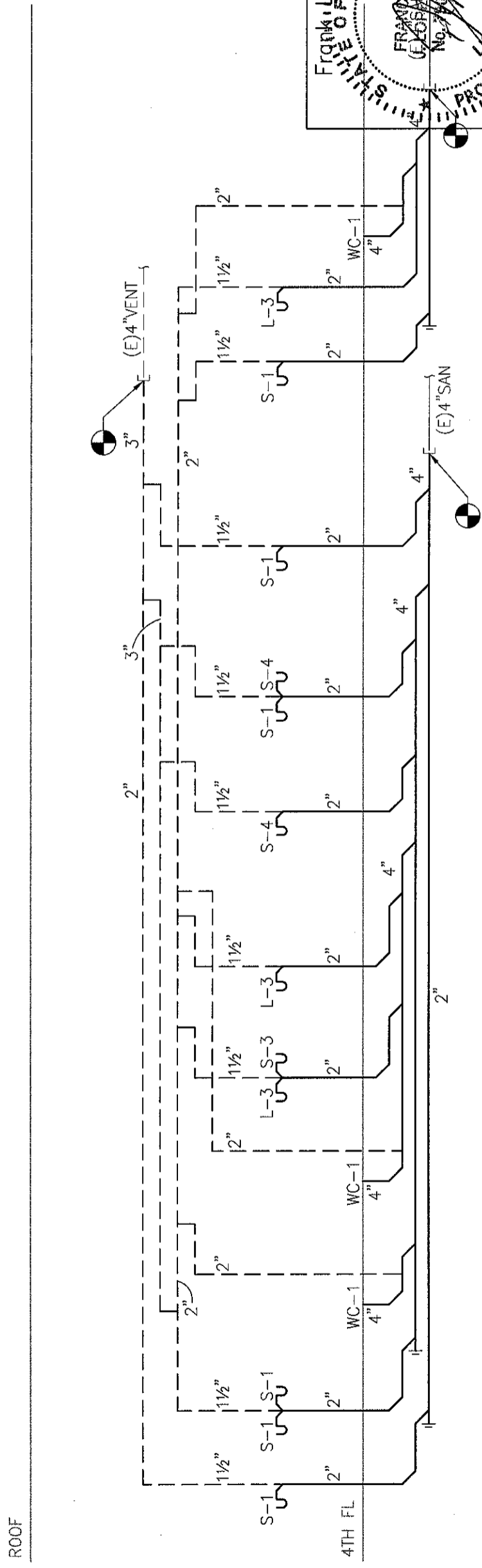
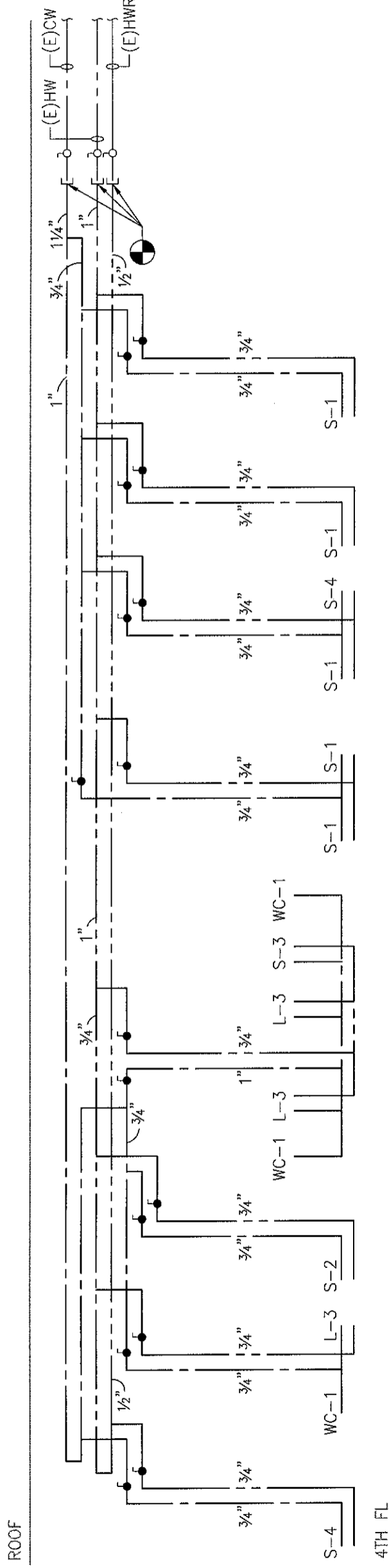
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










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FIRE PROTECTION SYMBOLS

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

	EXISTING PIPING
	NEW PIPING
	EXISTING PIPING TO BE REMOVED
	EXISTING SPRINKLER HEAD
	EXISTING SPRINKLER HEAD TO BE REMOVED
	NEW CONCEALED SPRINKLER HEAD
	NEW PENDENT SPRINKLER HEAD
	NEW UPRIGHT SPRINKLER HEAD
	NEW SIDE WALL SPRINKLER HEAD
	EXTEND EXISTING SPRINKLER PIPING TO NEW SPRINKLER HEAD
	FIRE EXTINGUISHER IN CABINET
	FIRE EXTINGUISHER WALL HUNG
	HYDRAULIC REFERENCE POINT
	SPRINKLER CONTROL VALVE
	PIPE UP/RISE
	PIPE DN/DROP
	CONNECT TO EXISTING
	DISCONNECT FROM EXISTING
	FIRE HOSE VALVE
	FIRE STANDPIPE
	SPKR
	UNLESS OTHERWISE NOTED

FIRE PROTECTION GENERAL NOTES:

1. PROVIDE WET-PIPE SPRINKLERS IN ALL AREAS. PROVIDE DRY-TYPE SPRINKLER SYSTEM IN ALL AREAS WHERE AMBIENT TEMPERATURE IS 40 DEG F OR BELOW.
2. SECURE WATER FLOW TEST DATA TAKEN FROM FIRE HYDRANTS NEAREST SITE. IF RECENT FLOW TEST DATA IS NOT AVAILABLE FROM CITY RECORDS, MAKE NECESSARY TESTS AS REQUIRED BY NFPA STANDARDS TO DETERMINE CHARACTER OF WATER SUPPLY. MINIMUM OF 20 PSI DROP IN PRESSURE BETWEEN STATIC AND RESIDUAL PRESSURE SHALL BE REQUIRED IN ORDER TO OBTAIN ACCURATE DATA.
3. SPRINKLER SYSTEM SHALL BE HYDRAULICALLY CALCULATED FOR LIGHT HAZARD OCCUPANCY EXCEPT AS NOTED.
4. SPRINKLERS FOR GENERAL AREAS SHALL BE TYPE AS SCHEDULED, 165 DEG F RATED, HYDRAULICALLY DESIGNED TO PROVIDE 0.10 GPM/SQ FT OVER MOST REMOTE 1500 SQ FT PLUS 50 GPM FOR HOSE STREAM. MAXIMUM PROTECTION AREA PER SPRINKLER SHALL BE 225 SQ FT. ROOM DESIGN METHOD ACCEPTABLE.
6. ADD 10% CONTINGENCY FACTOR TO HYDRAULIC CALCULATIONS.
7. EXACT LOCATION OF SPRINKLER HEADS IN FINISHED AREAS WITH SUSPENDED CEILING SHALL BE AS INDICATED ON REFLECTED CEILING PLANS.
8. MINIMUM PRESSURE AT END SPRINKLER HEAD 7 PSI.
9. EQUIVALENT FITTING LENGTHS USED IN HYDRAULIC CALCULATIONS SHALL BE IN ACCORDANCE WITH NFPA STANDARD NO. 13 AND FACTORY MUTUAL 0.5 2-8N.
 - A. WHEREVER FITTINGS ARE USED IN CONJUNCTION WITH LIGHTWALL PIPE, EQUIVALENT FITTING LENGTHS INDICATED IN NFPA-13 SHALL BE INCREASED BY 39%.
10. MAXIMUM FLOW VELOCITY SHALL NOT EXCEED 32 F.P.S.
11. ALL AUTOMATIC SPRINKLER HEADS, PIPE FITTINGS, PIPE HANGERS, AUTOMATIC CONTROL VALVES AND MANUAL CONTROL VALVES SHALL BEAR FACTORY MUTUAL APPROVAL AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
12. ALL EXPOSED PIPE, FITTINGS, HANGERS AND SUPPLEMENTARY STEEL SHALL BE PAINTED.
13. ENDS OF ALL CROSS MAINS SHALL BE PROVIDED WITH THREADED FLUSHING CONNECTION NO MORE THAN 2 INCHES IN DIAMETER.
14. PROVIDE AUXILIARY DRAINS FOR ALL BELOW DUCT SPRINKLERS AND OTHER TRAPPED SECTIONS. PIPING TO ONE SINGLE SPRINKLER IS EXCLUDED.
15. PROVIDE FLUSHING CONNECTIONS WHERE REQUIRED BY NFPA AND F.M.
16. COORDINATE WITH OWNER FOR ALL SHUTDOWNS.
17. PROVIDE TEST CONNECTIONS AT HIGHEST POINT OF MAIN PORTION OF SPRINKLER SYSTEM, WITH 1" PIPE AND VALVE. TEST PIPE SHALL BE CONNECTED TO SPRINKLER PIPE AT LEAST 1-1/4" IN SIZE AND SHALL DISCHARGE OUTSIDE BUILDING OR THROUGH 1/2" SMOOTH BORE BRASS OUTLET, WHERE IT CAN BE EASILY SEEN.
18. PROVIDE ADDITIONAL HEADS UNDER DUCTWORK LARGER THAN 48" WIDE.

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**Fire Protection
Cover Sheet**

Project

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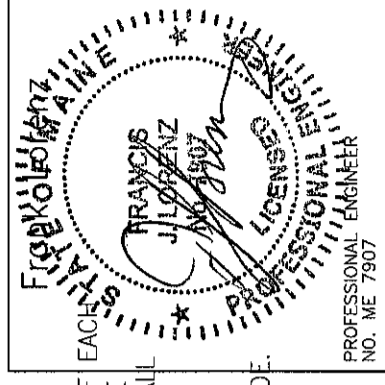
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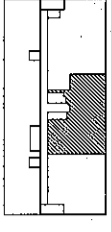
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**Fire Protection
Floor Plan**

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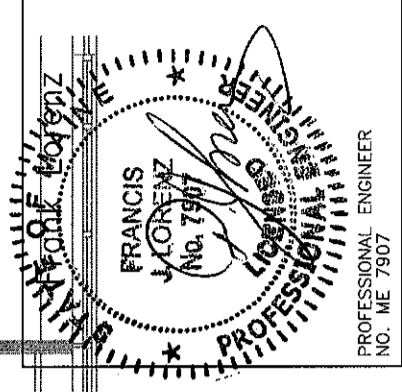
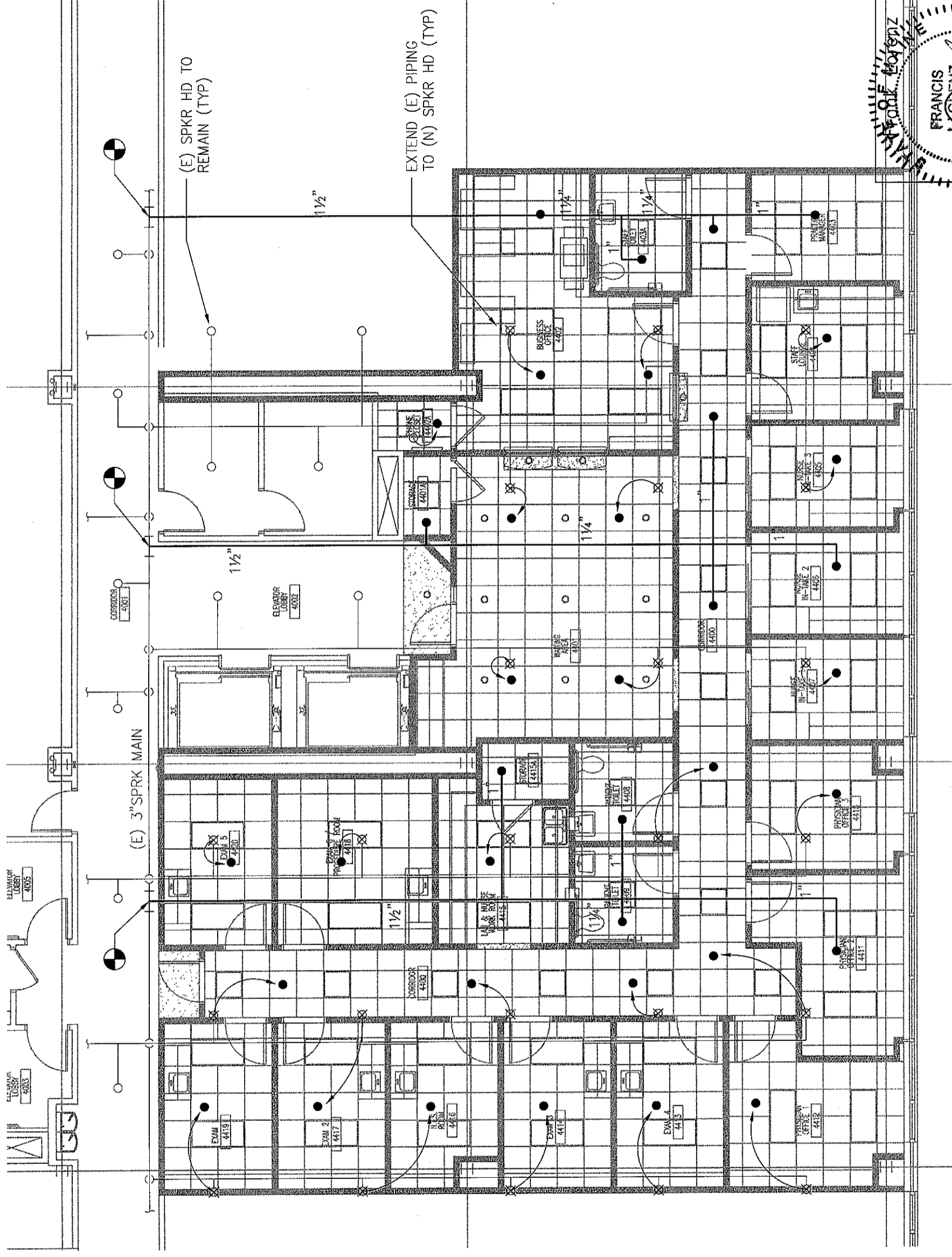
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1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

