

LANDMARK HEALTHCARE FACILITIES LLC

Mercy Hospital
Fore River Medical Pavilion
Retina Center of Maine

Suite No.: 480
Floor No.: 4th Floor

Architectural

Francis Cauffman

2120 Arch Street
Philadelphia, PA 19103
Ph 215.568.8250
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Structural

O'Donnell & Naccarato

111 S. Independence Mall
Suite 950
Philadelphia, PA 19106
Ph 215-925-3788
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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
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Fire Protection

AKF ENGINEERS, LLP

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Suite 1400
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FP-1.0	Cover Sheet
FP-2.0	Floor Plan
FP-3.0	Schedules and Details

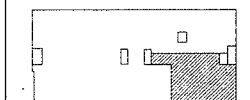
Building Rendering



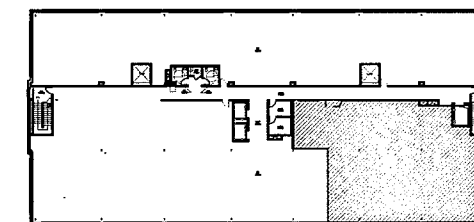
LANDMARK HEALTHCARE FACILITIES, LLC

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

Key Plan



4th Floor Plan - Suite Location

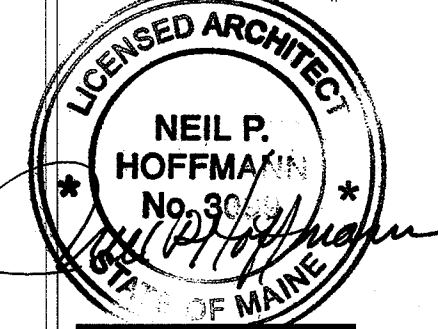


Revisions

1 12.26.2007

2 04.04.2008

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Sheet

Title Sheet

Building Data / Code Summary

4,089 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 appvd. 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

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

Retina Center
of Maine

Suite 480

Date

January 11, 2008

Project No.

F07-5256.02

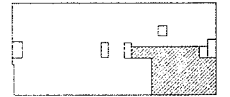
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T1.1

**LANDMARK
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Key Plan



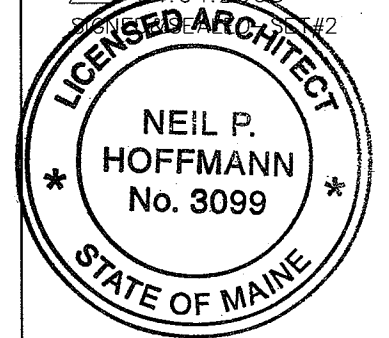
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1 12.26.2007

2 01.04.2008



Sheet

Title Sheet

Project

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

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Sheet No.

T1.2

GENERAL NOTES

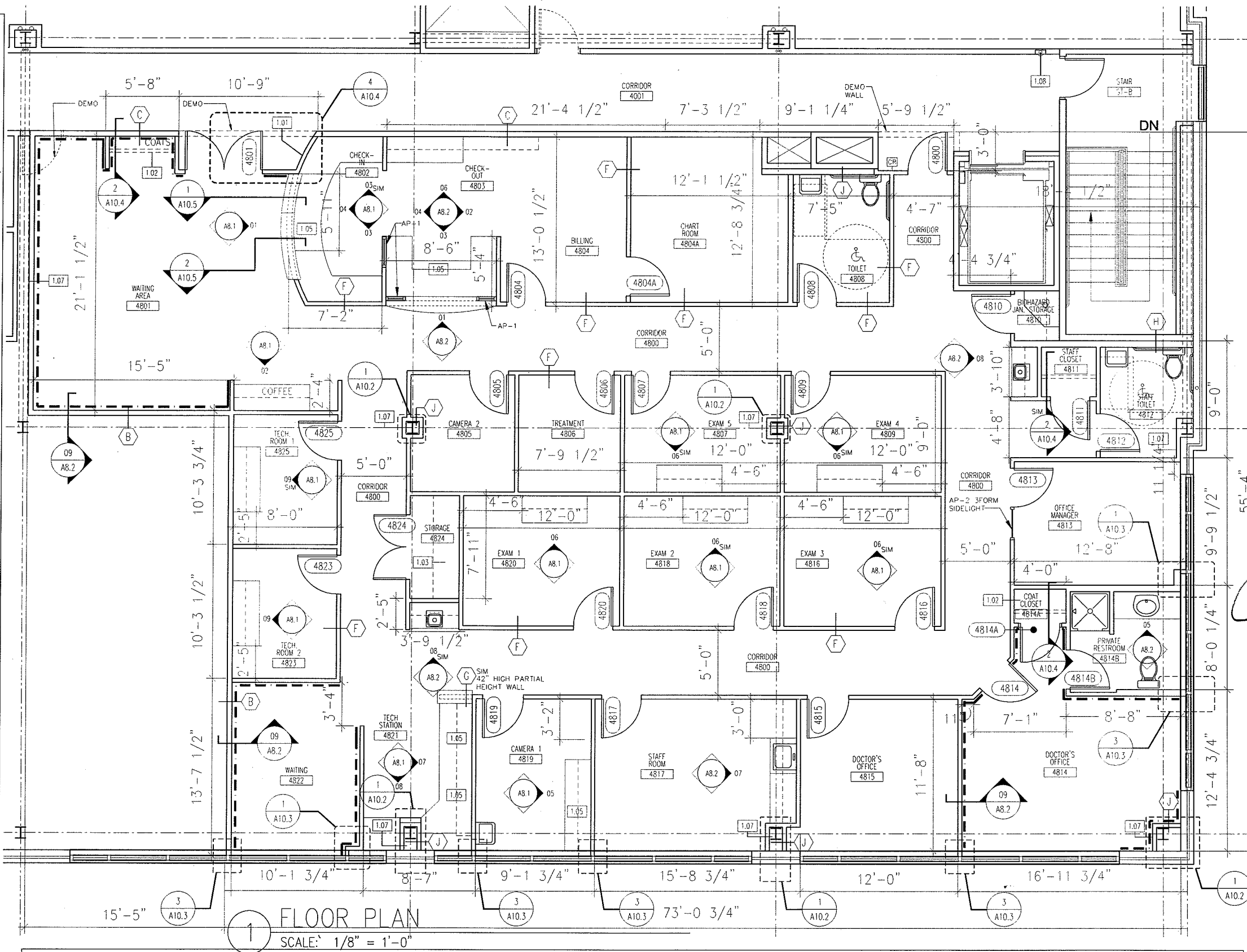
1. SUITE AREAS SHALL BE FINISHED IN THE CORE AND SHELL BUILDING PHASE AS NOTED BELOW:
 - A) EXTERIOR STUD WALLS: EXPOSED STUDS, INSULATION AND VAPOR BARRIER IF INDICATED BY WALL SECTIONS
 - B) EXTERIOR CONCRETE WALLS: EXPOSED STUDS OR FURRING, INSULATION AND VAPOR BARRIER
 - C) INTERIOR FIRE RATED PARTITIONS: 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).

LEGEND

- ROOM NAME → ROOM NAME / NUMBER
xxx
- SHELL AND CORE WORK TO BE DEMOLISHED
- - - WOOD CHAIR RAIL @ 36" A.F.F. SEE A7.1 FOR MORE INFO.
- 1.00 KEY NOTE SYMBOL - SEE KEY NOTE LEGEND FOR DETAILS
- ⊗ REVISION REFERENCE MARK
- xxx-1 DOOR REFERENCE MARK
- X PARTITION REFERENCE MARK
- CR CARD READER ACCESS SYSTEM MTD. @ 4'-0" A.F.F.
- AX.X ELEVATION DETAIL SYMBOL
ELEVATION NUMBER
SHEET NUMBER
- X AX.X SECTION DETAIL SYMBOL
DETAIL NUMBER
SHEET NUMBER

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 ADJ. 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



GENERAL NOTES

1. PROVIDE INSULATION AND GYPSUM BOARD FINISH ON METAL STUDS PROVIDED IN 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 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. PROVIDE ROOM-DARKENING SHADE @ CAMERA1 ROOM #4819.

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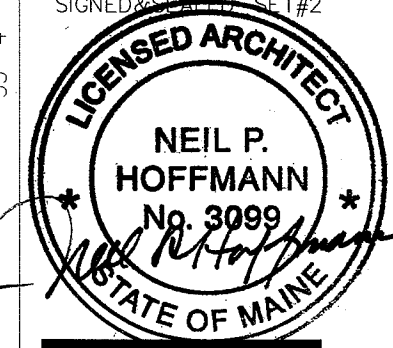
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Key Plan



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 - 2 04.04.2008
- SIGNED & SEALED SET #2



Sheet
Floor Plan - Architectural (Partial)

Project
**MERCY HOSPITAL
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Portland, Maine**

**Retina Center
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Suite 480

Date
January 11, 2008

Project No.
F07-5256.02

Sheet No.

A6.1

LEGEND

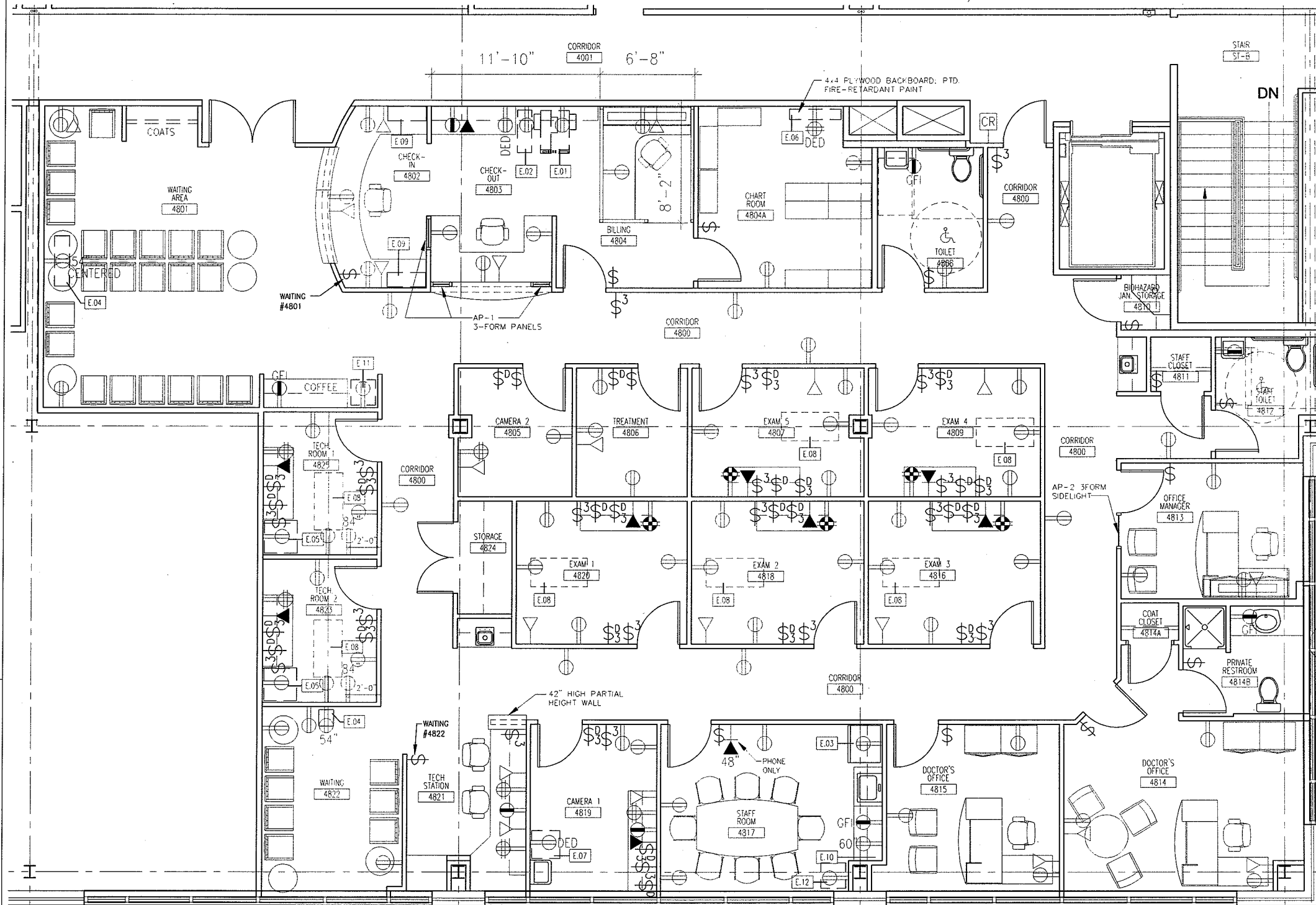
- DUPLEX RECEPTACLE MOUNTED 18" AFF
- DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER
- DUPLEX DEVICE - ABOVE COUNTER MOUNTED AT HEIGHT NOTED
- DUPLEX RECEPTACLE - GFI MOUNTED ABOVE COUNTER
- QUADRIplex RECEPTACLE MOUNTED 18" AFF
- QUADRIplex RECEPTACLE MOUNTED ABOVE COUNTER
- TELEPHONE/COMPUTER JUNCTION BOX MOUNTED 18" AFF
- TELEPHONE / COMPUTER JUNCTION BOX MOUNTED ABOVE COUNTER
- WALL-MOUNTED TELEPHONE AT HEIGHT NOTED
- SINGLE POLE SWITCH
- DIMMER SWITCH
- THREE WAY SINGLE POLE SWITCH
- CARD READER ACCESS SYSTEM
- EQUIPMENT KEY NOTE SYMBOL - SEE SHEET A11.2 FOR DETAILS

GENERAL NOTES

1. 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
2. JUNCTION BOX AND CONDUIT TO AN ACCESSIBLE CEILING SHALL BE PROVIDED FOR TELEPHONE / COMPUTER SYSTEMS.
3. 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.
4. ALL FREESTANDING FURNITURE AND EQUIPMENT TO BE PROVIDED BY TENANT. IF FREESTANDING FURNITURE SHOWN FOR REFERENCE ONLY.

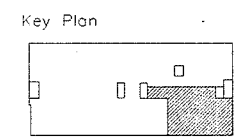
MECHANICAL NOTES

1. 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.
2. INTERIOR ROOMS WILL BE ZONED TOGETHER AND SHALL BE CONDITIONED WITH SHUT-OFF FAN POWERED VAV TERMINAL UNITS AND CONTROLLED WITH ONE THERMOSTAT.
3. RETURN AIR SHALL BE THROUGH A PLENUM TYPE RETURN AIR LIGHT FIXTURE.
4. ROOFTOP MOUNTED CENTRAL EXHAUST SHALL BE PROVIDED FOR TOILET ROOMS.

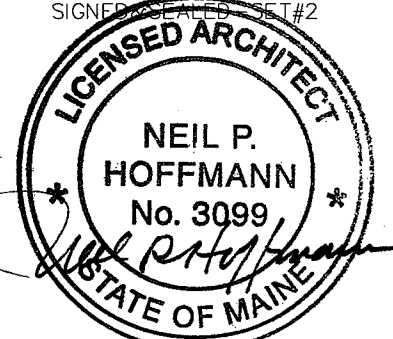


1 FLOOR PLAN
SCALE: 1/8" = 1'-0"

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Sheet
Floor Plan - Furnishings, Power and Equipment Locations

Project
MERCY HOSPITAL Medical Office Bldg. Portland, Maine

Retina Center of Maine
Suite 480

Date
January 11, 2008

Project No.
F07-5256.02

Sheet No.
A6.2

GENERAL NOTES

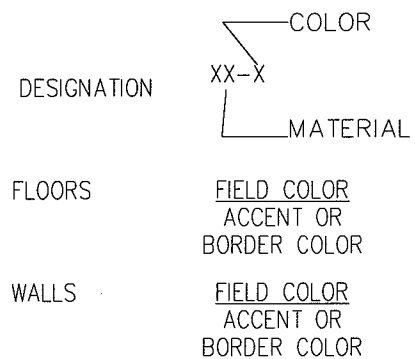
1. HOLLOW METAL DOOR AND WINDOW FRAMES IN CORRIDOR WALLS SHALL BE PAINTED TO MATCH SHELL AND CORE HOLLOW METAL FRAMES.

2. ALL OTHER HOLLOW METAL DOOR AND WINDOW FRAMES IN TENANT SUITE SHALL BE PAINTED PT-1.

3. RUBBER FLOOR TRANSITION STRIP COLOR SHALL MATCH CARPET ACCORDINGLY.

4. PAINT TO BE SATIN FINISH UNLESS NOTED OTHERWISE ON FINISH LEGEND.

RFS LEGEND

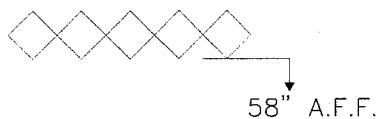


SPECIFIC NOTES

1. SHOWER WALL 6"x6" AT PRIVATE TOILET 4814B

2. FLOOR TILE DIAGONAL - 12"x12" AT PRIVATE TOILET 4814B

3. SHOWER STALL WALLS SHALL HAVE DIAMOND PATTERN (T-2). BOTTOM EDGE OF PATTERN AT 58" A.F.F.



INTERIOR FINISH LEGEND

CPT - CARPET

CPT-1 CAMBRIDGE, "PIONEER, #35007 FACSIMILE"
 CPT-2 CAMBRIDGE, "INVENTOR, #35107 FACSIMILE"
 *CB CARPET BASE TO MATCH FLOORING

T - TILE

T-1 DAL TILE, "CONTINENTAL SLATE, BRAZILIAN GREEN CS52" 12"x12"
 T-2 DAL TILE, "CONTINENTAL SLATE, BRAZILIAN GREEN CS52" 3"x3"
 T-3 DAL TILE, "CONTINENTAL SLATE, EGYPTIAN BEIGE, CS50" 3"x3"

GROUT: MAPEI, 05, CHAMOIS, SEALED

TB - TILE BASE

TB-1 DAL TILE, "CONTINENTAL SLATE, EGYPTIAN BEIGE, CS50" 6"x12"

PT - PAINT

PT-1 BEN MOORE, "176 GOLDENTONE" SEMIGLOSS
 PT-2 BEN MOORE, "193 DIJON"
 PT-3 BEN MOORE, "1182 DRENCHED SIENNA"
 PT-4 BEN MOORE, "1069 TWILIGHT GOLD"
 PT-5 BEN MOORE, "445 GRENWICH VILLAGE"
 PT-6 BEN MOORE, "1075 FAIRWAY OAKS"

VWC - VINYL WALL COVERING

VWC-1 DL COUCH/VERSA "A96-270 SAKAI LEAF, VIRIDIAN"
 VWC-2 DL COUCH/VERSA "A95-270 SAKAI, VIRIDIAN"
 VWC-3 DL COUCH/VERSA "A96-116 SAKAI LEAF, GOLDENROD"
 VWC-4 DL COUCH/VERSA "A95-116 SAKAI, GOLDENROD"

PL - PLASTIC LAMINATE

PL-1 WILSONART "4673-60 SAFFRON TIGRIS"
 PL-2 NEVAMAR "WM-8-350T CARMEL SAGAWOOD"
 PL-3 WILSONART "4667-60 GREEN TIGRIS"
 PL-4 PIONITE "AT111-S CARAMEL CREPE"
 PL-5 NEVAMAR "W-8-325T SOVEREIGN CHERRY"

SS - SOLID SURFACE

SS-1 NATURAL STONE TRANSACTION TOP VERDE BUTTERFLY SLAB; HONED
 SS-2 CORIAN COUNTERTOP AND INTEGRAL SINK; COLOR: CANYON

AP - ACRYLIC PANEL

AP-1 3-FORM, FOSSIL LEAF MEDIUM, FRONT FINISH PATINA, 1/8" GAUGE
 AP-2 3-FORM, FOSSIL LEAF MEDIUM, FRONT FINISH PATINA, 1/4" GAUGE

WD - WOOD CHAIRRAIL

WD MAPLE STAINED TO MATCH PL-5; SEE DETAIL 09/A8.2

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR		WALLS				CEILING
		FINISH	BASE	NORTH	SOUTH	EAST	WEST	
4800	CORRIDOR	CPT-1	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4801	WAITING AREA	CPT-1	CB	VWC1/VWC2	VWC1/VWC2	VWC2	VWC1/VWC2	ACT-1
4802	CHECK-IN	CPT-1	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4803	CHECK-OUT	CPT-1	CB	PT-2	PT-1	PT-3	WC-2	ACT-1
4804	BILLING	CPT-1	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4804A	CHARTROOM	CPT-2	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4805	CAMERA 2	CPT-2	CB	PT-2	PT-3	PT-2	PT-2	ACT-1
4806	TREATMENT	CPT-2	CB	PT-2	PT-3	PT-2	PT-2	ACT-1
4807	EXAM 5	CPT-2	CB	PT-2	PT-3	PT-2	PT-2	ACT-1
4808	STORAGE	CPT-2	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4809	EXAM 4	CPT-2	CB	PT-2	PT-3	PT-2	PT-2	ACT-1
4810	BIOHAZARD/JAN. STORAGE	T-1	TB-1	PT-2	PT-2	PT-2	PT-2	ACT-1
4811	STAFF CLOSET	CPT-2	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4812	STAFF TOILET	T-1	TB-1	PT-6	PT-6	PT-6	PT-6	ACT-1
4813	OFFICE MANAGER	CPT-1	CB	PT-2	PT-5	PT-2	PT-2	ACT-1
4814	DOCTORS OFFICE	CPT-1	CB	PT-4/PT-3	PT-4/PT-3	PT-4/PT-3	PT-4/PT-3	ACT-1
4814A	COAT CLOSET	CPT-1	CB	PT-1	PT-1	PT-1	PT-1	ACT-1
4814B	PRIVATE RESTROOM	T-1/T-2*	TB-1	PT-3	PT-4	PT-4	PT-4	ACT-1
4815	DOCTORS OFFICE	CPT-1	CB	PT-2	PT-2	PT-5	PT-2	ACT-1
4816	EXAM 3	CPT-2	CB	PT-5	PT-2	PT-2	PT-2	ACT-1
4817	STAFF ROOM	CPT-2	CB	PT-2	PT-2	PT-3	PT-2	ACT-1
4818	EXAM 2	CPT-2	CB	PT-5	PT-2	PT-2	PT-2	ACT-1
4819	CAMERA 1	CPT-2	CB	PT-2	PT-3	PT-3	PT-2	ACT-1
4820	EXAM 1	CPT-2	CB	PT-5	PT-2	PT-2	PT-2	ACT-1
4821	TECH STATION	CPT-2	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4822	WAITING	CPT-2	CB	VWC3/VWC4	VWC3/VWC4	VWC3/VWC4	VWC3/VWC4	ACT-1
4823	TECH ROOM 2	CPT-2	CB	PT-2	PT-2	PT-2	PT-5	ACT-1
4824	STORAGE	CPT-2	CB	PT-2	PT-2	PT-2	PT-2	ACT-1
4825	TECH ROOM 1	CPT-2	CB	PT-2	PT-2	PT-2	PT-5	ACT-1

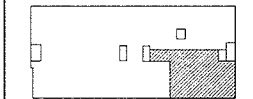
CODE ORDER: ABOVE CHAIRRAIL/BELOW CHAIRRAIL

* T-2 AT SHOWER FLOOR-INSTALL DIAGONAL, T-1 THROUGH OUT FOR SHOWER TILE INSTALL, SEE SPECIFIC NOTES.

LANDMARK HEALTHCARE FACILITIES, LLC

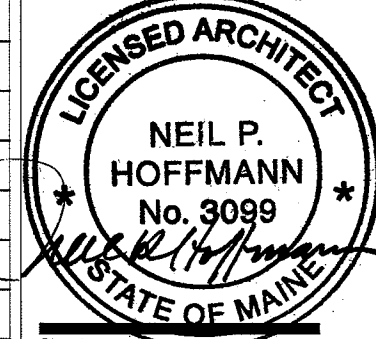
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Sheet
Room Finish Schedule and Details

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 Medical Office Bldg.
 Portland, Maine**

**Retina Center
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Suite 480

Date
January 11, 2008

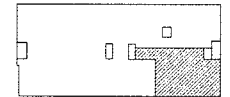
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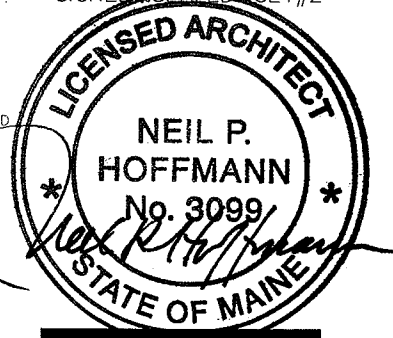


NORTH



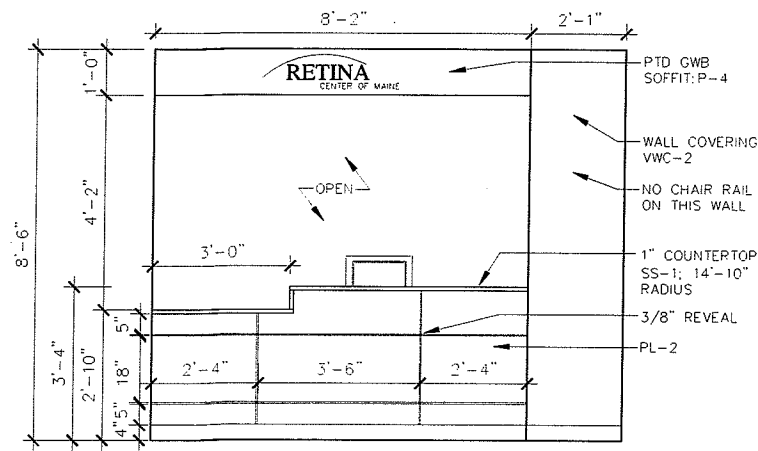
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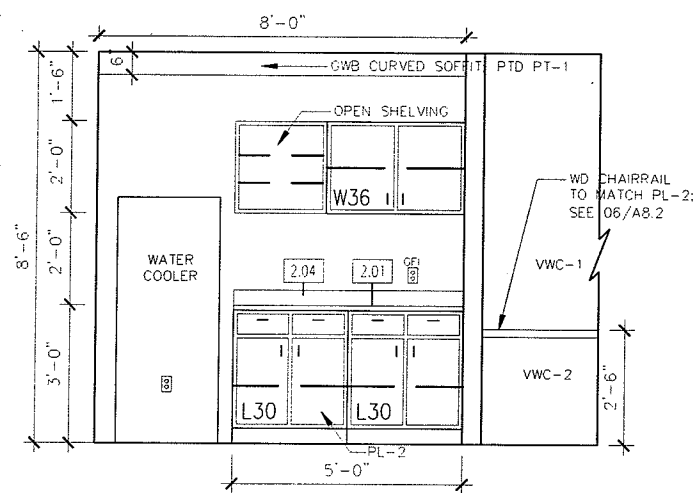


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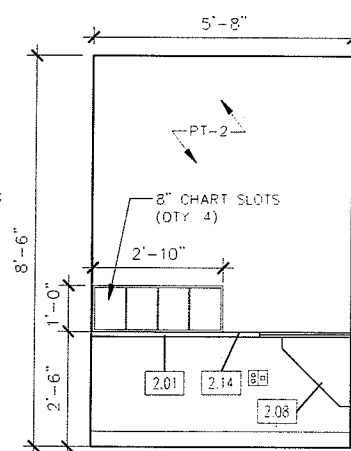
**Interior
Elevations**



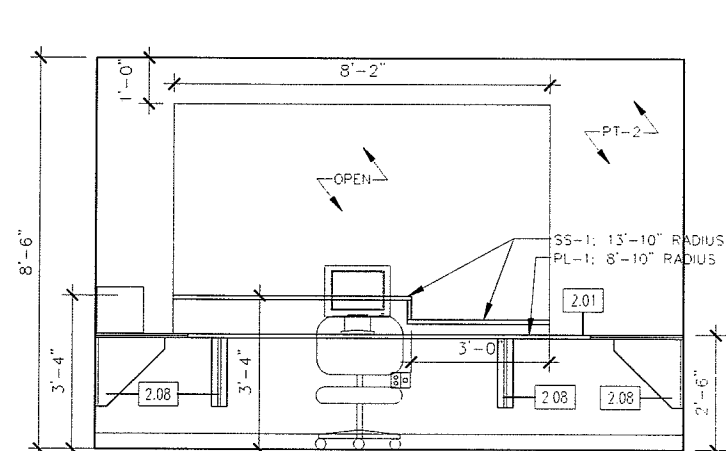
01 CHECK-IN PATIENT SIDE
SCALE: 1/4" = 1'-0"



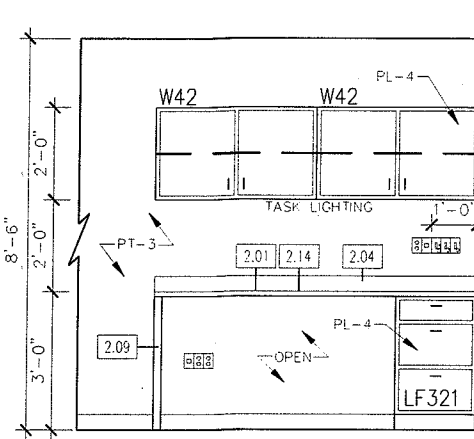
02 COFFEE AREA
SCALE: 1/4" = 1'-0"



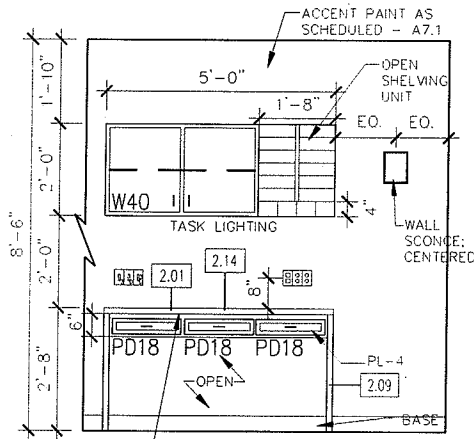
03 CHECK-IN OFFICE SIDE
SCALE: 1/4" = 1'-0"



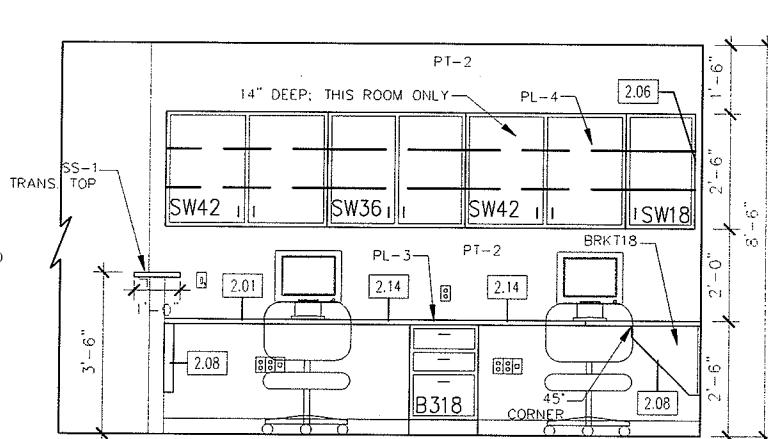
04 CHECK-IN OFFICE SIDE
SCALE: 1/4" = 1'-0"



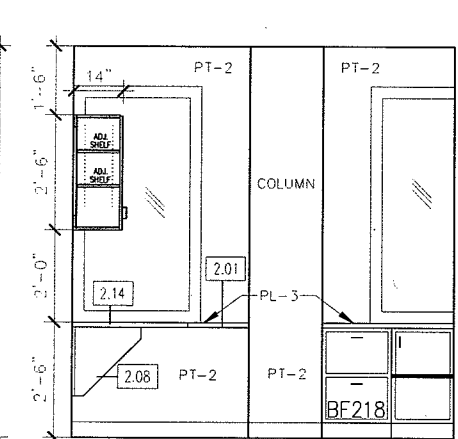
05 CAMERA 1 CASEWORK
SCALE: 1/4" = 1'-0"



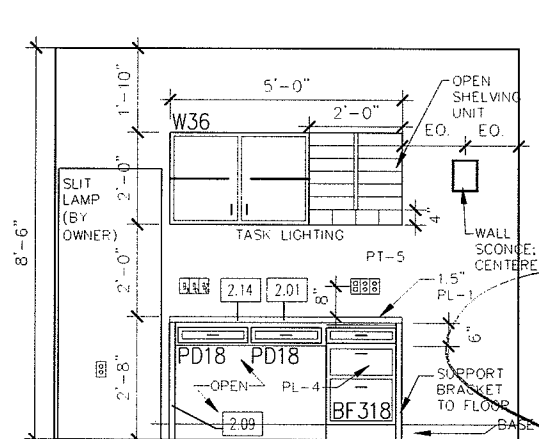
06 EXAM CASEWORK TYP.
SCALE: 1/4" = 1'-0"



07 TECH STATION CASEWORK
SCALE: 1/4" = 1'-0"

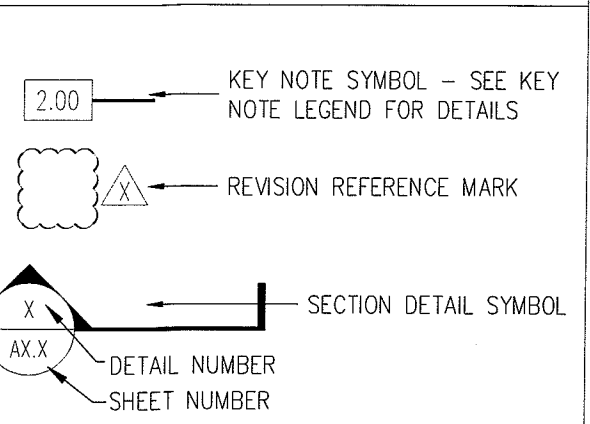


08 TECH STATION CASEWORK
SCALE: 1/4" = 1'-0"



09 TECH ROOM CASEWORK TYP.
SCALE: 1/4" = 1'-0"

LEGEND



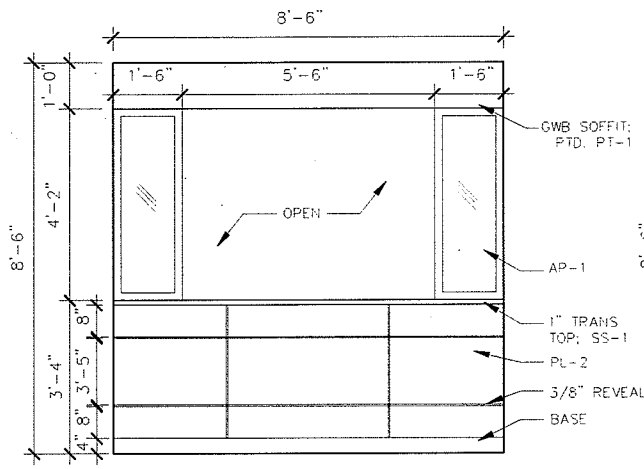
KEY NOTE LEGEND

2.01	PLASTIC LAMINATE COUNTERTOP	2.09	PLASTIC LAMINATE SUPPORT BRACKET FLOOR TO UNDERSIDE OF WORKSURFACE
2.02	3 1/2" PLASTIC LAMINATE APRON	2.10	SOLID SURFACE END PANEL
2.03	3 1/2" PLASTIC LAMINATE VALANCE	2.11	SOLID SURFACE BACK AND SIDE SPLASH
2.04	4" PLASTIC LAMINATE BACKSPLASH	2.12	GYPSUM BOARD CASED OPENING
2.05	4" PLASTIC LAMINATE SIDESPLASH	2.13	SOLID SURFACE COUNTERTOP
2.06	PLASTIC LAMINATE END PANEL	2.14	GROMMET HOLE IN COUNTERTOP (FIELD LOCATED)
2.07	PLASTIC LAMINATE FILLER PANEL		
2.08	1'-6" PLASTIC LAM. SUPPORT BRACKET		

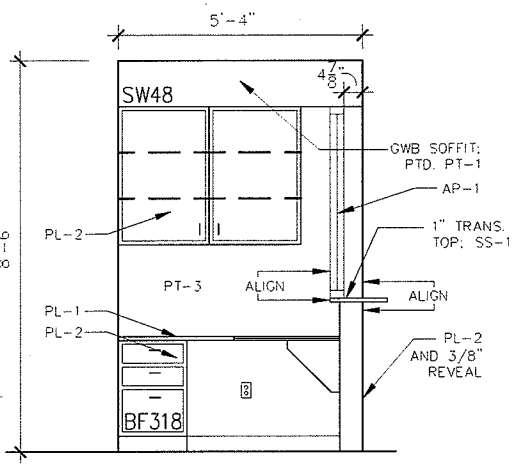
GENERAL NOTES

1. PLASTIC LAMINATE CABINETS SHALL BE PL-4, U.N.O.
2. PLASTIC LAMINATE COUNTERTOPS SHALL BE PL-1, U.N.O.
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. ALL FREESTANDING FURNITURE AND EQUIPMENT TO BE PROVIDED BY TENANT. FREESTANDING FURNITURE SHOWN FOR REFERENCE ONLY.
6. SEE SHEET A11.1 FOR DOOR FINISHES.

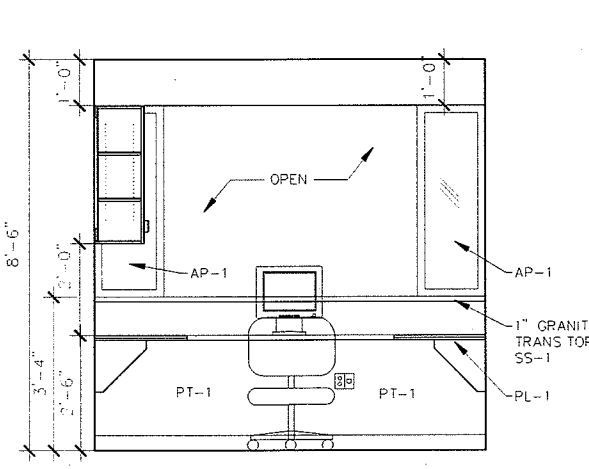
LANDMARK HEALTHCARE FACILITIES, LLC
 839 North Jefferson Street
 Milwaukee, Wisconsin 53202
 Telephone: (414) 277-0500
 Facsimile: (414) 277-1055



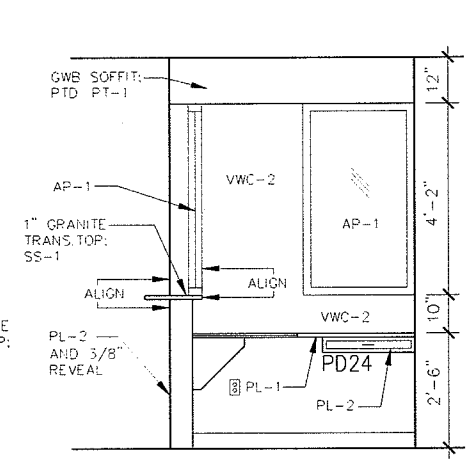
01 CHECK-OUT PATIENT SIDE
 SCALE: 1/4" = 1'-0"



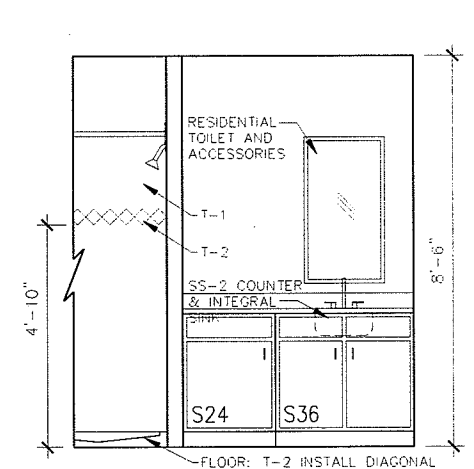
02 CHECK-OUT OFFICE-EAST
 SCALE: 1/4" = 1'-0"



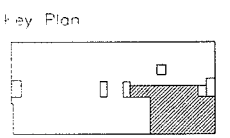
03 CHECK-OUT OFFICE-SOUTH
 SCALE: 1/4" = 1'-0"



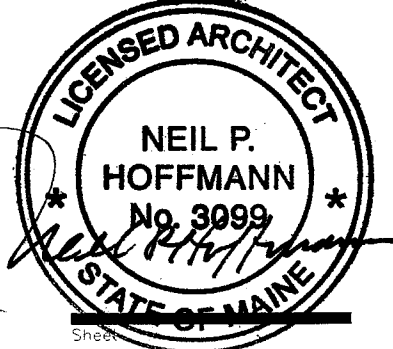
04 CHECK-OUT OFFICE-WEST
 SCALE: 1/4" = 1'-0"



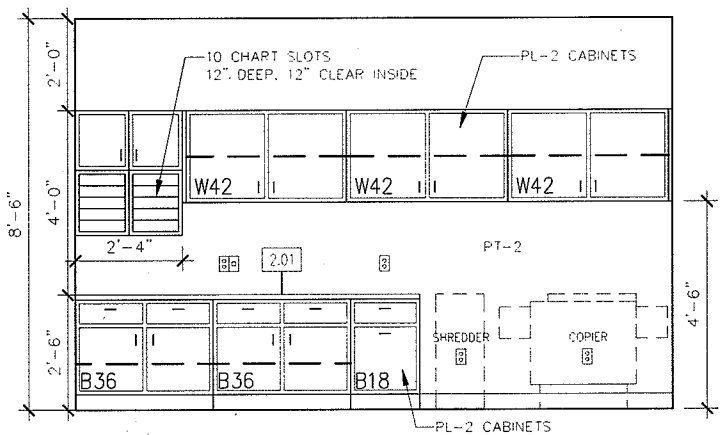
05 PRIVATE TOILET 4814B
 SCALE: 1/4" = 1'-0"



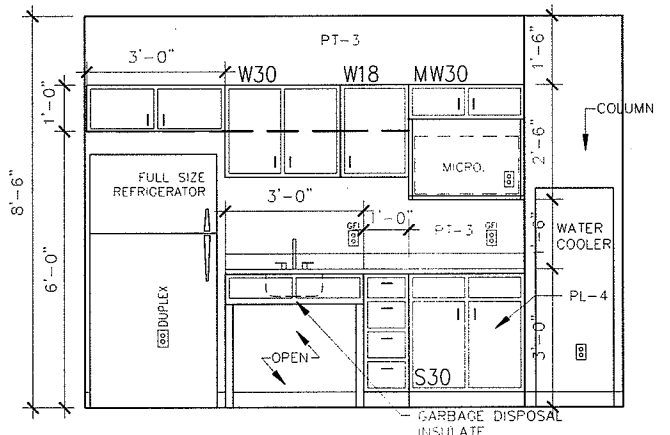
- Revisions
- 1 12.26.2007
 - 2 04.04.2008
SIGNED & SEALED - SET #2



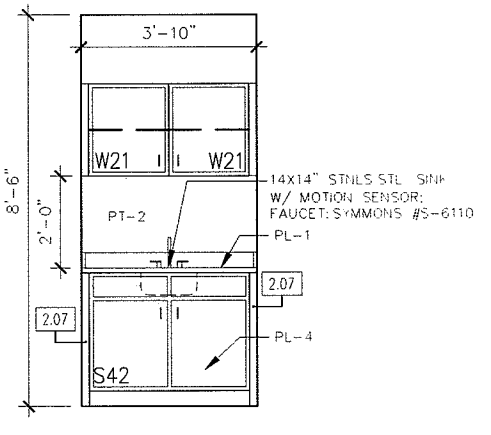
Interior Elevations



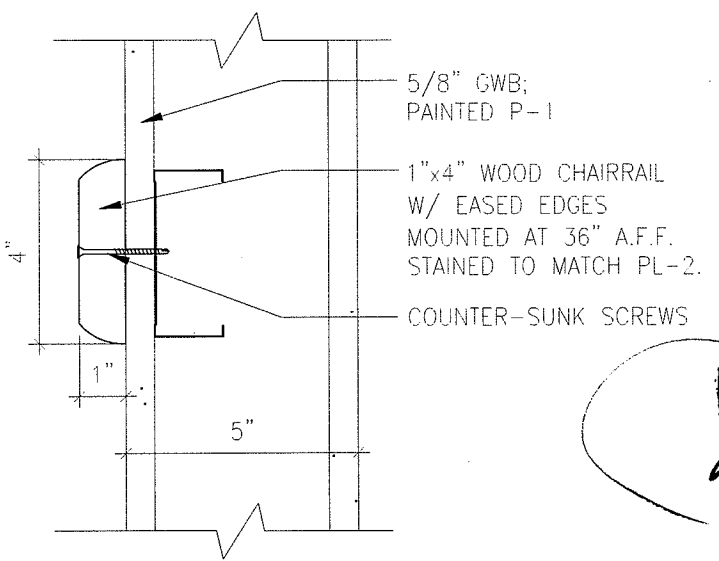
06 CHECK-OUT OFFICE SIDE
 SCALE: 1/4" = 1'-0"



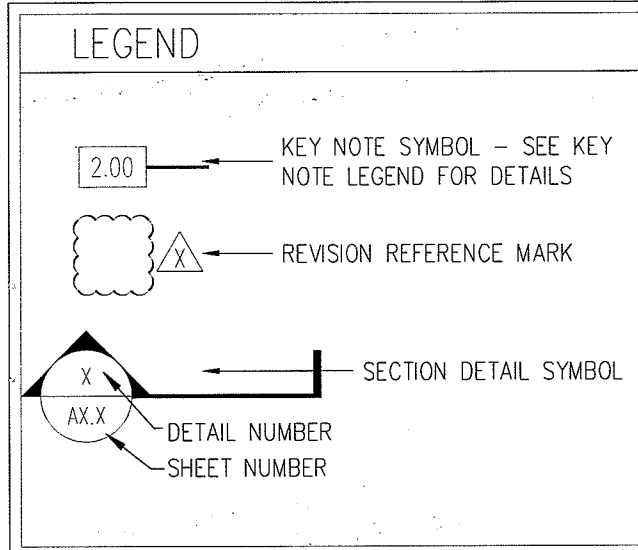
07 STAFF ROOM CASEWORK
 SCALE: 1/4" = 1'-0"



08 CORRIDOR SINK STATION
 SCALE: 1/4" = 1'-0"



09 CHAIR RAIL DETAIL
 SCALE: 3" = 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'-6" PLASTIC LAM. SUPPORT BRACKET
2.09	PLASTIC LAMINATE SUPPORT BRACKET FLOOR TO UNDERSIDE OF WORKSURFACE
2.10	SOLID SURFACE END PANEL
2.11	SOLID SURFACE BACK AND SIDE SPLASH
2.12	GYPSUM BOARD CASSED OPENING
2.13	SOLID SURFACE COUNTERTOP
2.14	GROMMET HOLE IN COUNTERTOP (FIELD LOCATED)

- GENERAL NOTES**
1. PLASTIC LAMINATE CABINETS SHALL BE PL-4, U.N.O.
 2. PLASTIC LAMINATE COUNTERTOPS SHALL BE PL-1 U.N.O.
 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. ALL FREESTANDING FURNITURE AND EQUIPMENT TO BE PROVIDED BY TENANT. FREESTANDING FURNITURE SHOWN FOR REFERENCE ONLY.
 6. SEE SHEET A11.1 FOR DOOR FINISHES.

ISSUED FOR SIGNED AND SEALED DOCUMENTATION

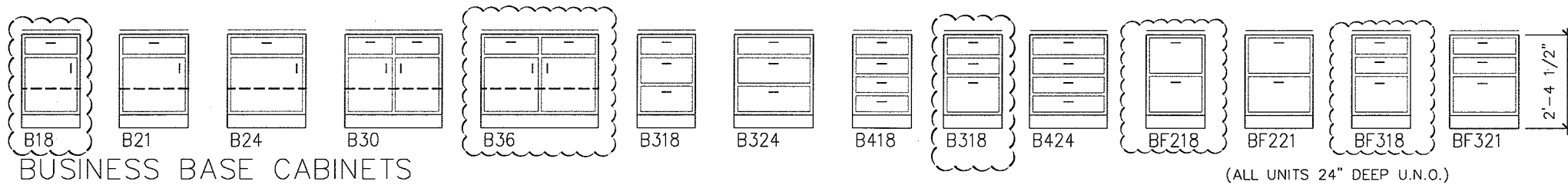
Project
MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine

Retina Center
 of Maine
 Suite 480

Date
January 11, 2008

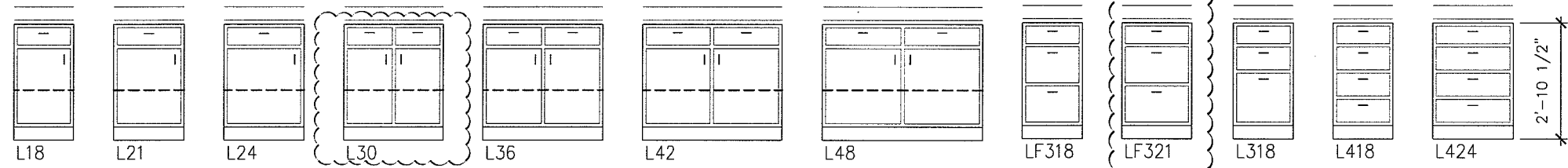
Project No.
F07-5256.02

Sheet No.
A8.2



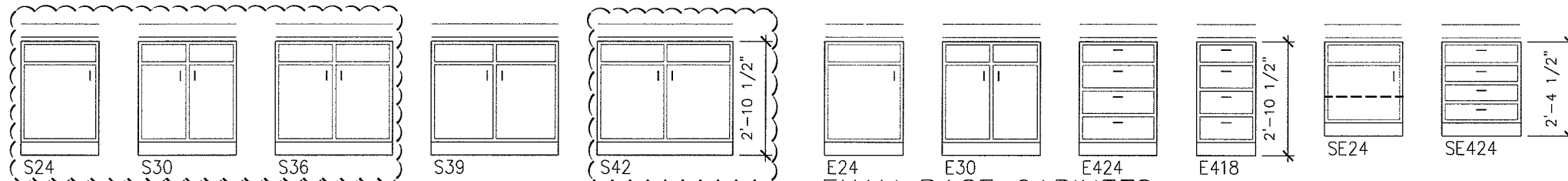
BUSINESS BASE CABINETS

(ALL UNITS 24" DEEP U.N.O.)



LAB BASE CABINETS

(ALL UNITS 24" DEEP U.N.O.)

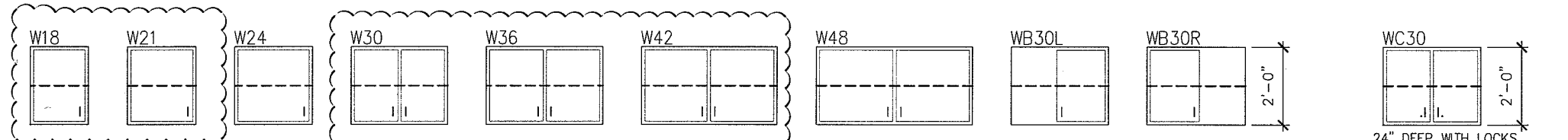


SINK BASE CABINETS

(ALL UNITS 24" DEEP U.N.O.)

EXAM BASE CABINETS

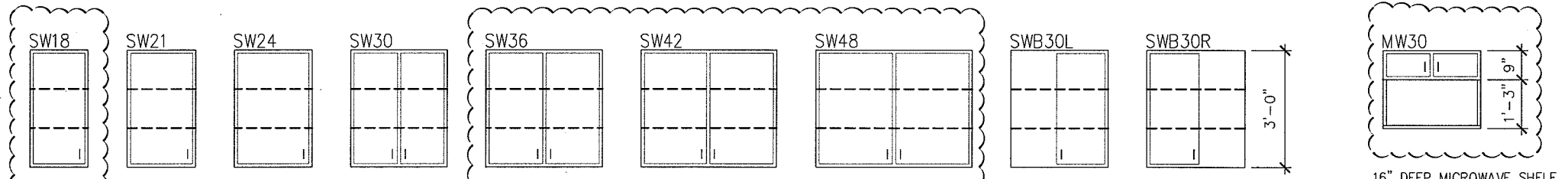
(ALL UNITS 18" DEEP U.N.O.)



WALL CABINETS (STANDARD)

(ALL UNITS 14" DEEP U.N.O.)

TRACER CABINET

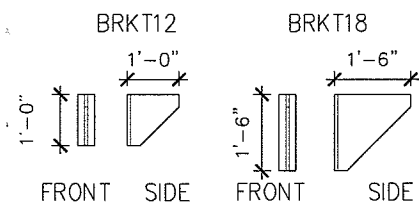


WALL CABINETS (SPECIAL)

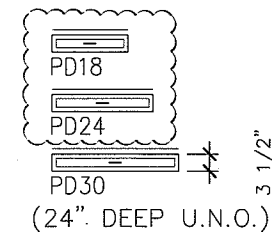
(ALL UNITS 14" DEEP U.N.O.)

MICROWAVE

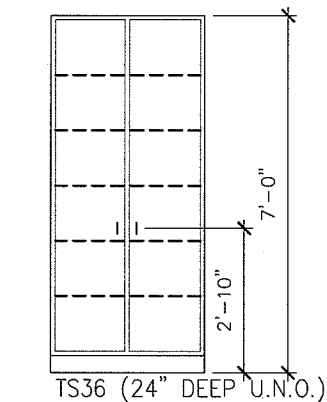
INDICATES DETAIL WAS USED



SUPPORT BRACKETS



PENCIL DRAWERS



TALL STORAGE

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 COUNTER TOP COMPONENTS ARE 3/4" THICK UNLESS NOTED OTHERWISE.
4. ALL EXPOSED COUNTERTOP CORNERS ARE TO BE RADIUS.

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

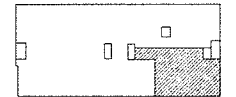
WC30- TRACER COMPUTER WALL CABINET

MW30- MIRCORWAVE WALL CABINET

LANDMARK HEALTHCARE FACILITIES, LLC

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

Key Plan

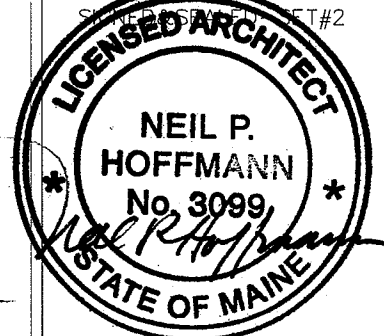


Revisions

1 12.26.2007

2 04.04.2008

STATE OF MAINE REG.#2



Sheet

Standard Casework Elevations

Project

MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine

Retina Center
 of Maine

Suite 480

Date

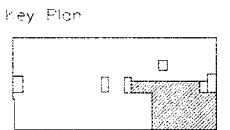
January 11, 2008

Project No.

F07-5256.02

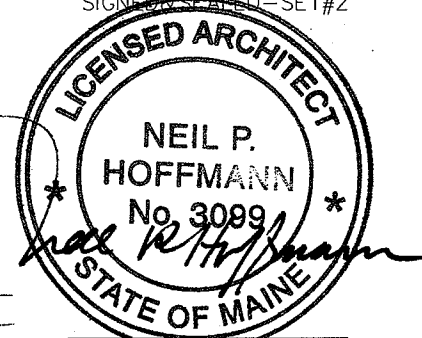
Sheet No.

A8.3

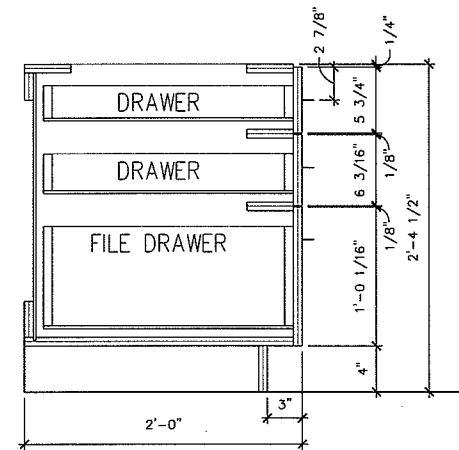
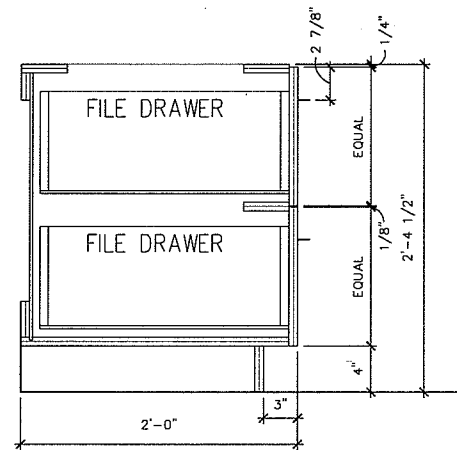
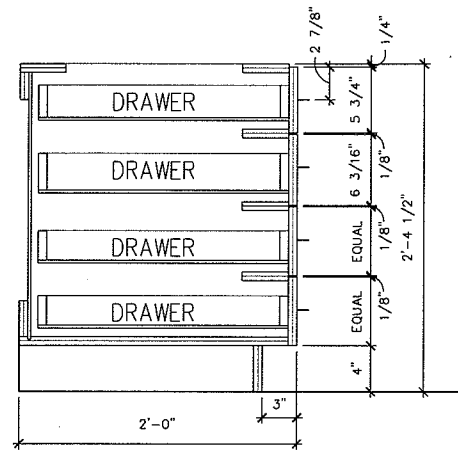
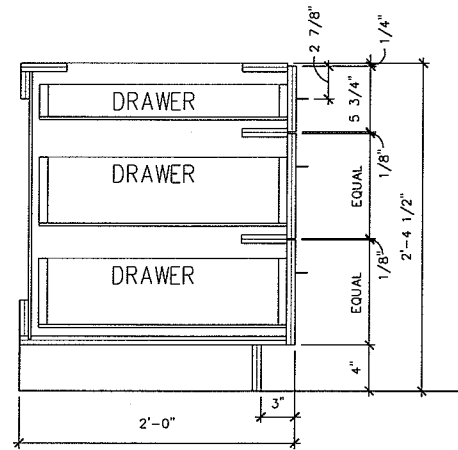
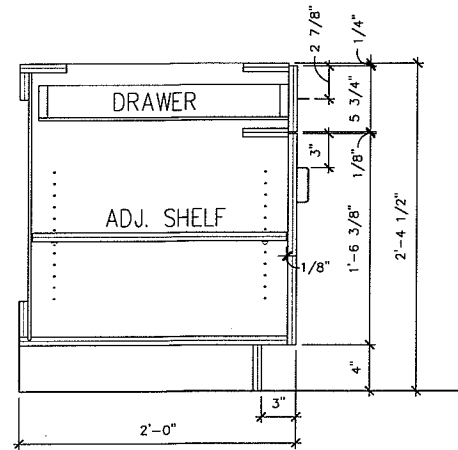


Revisions

- 1 12.26.2007
 - 2 04.04.2008
- SIGNED AND SEALED - SET #2



Sheet
**Casework
Sections**



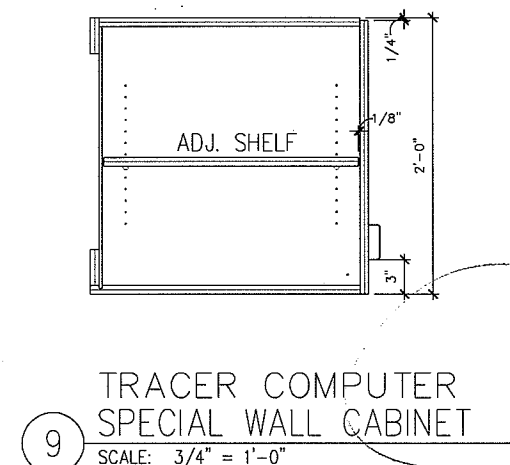
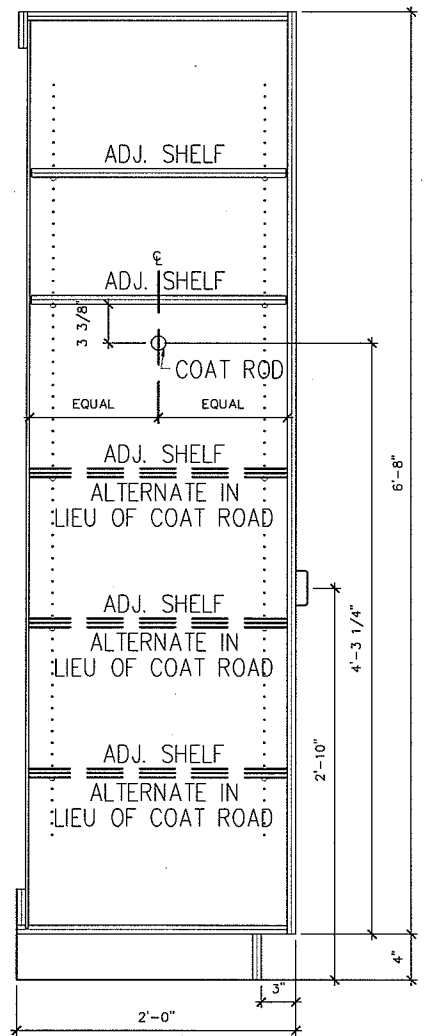
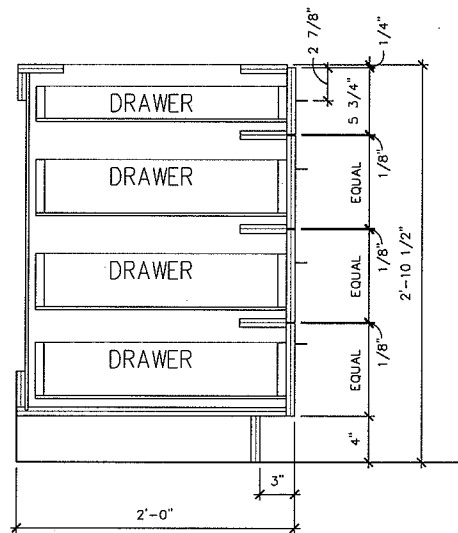
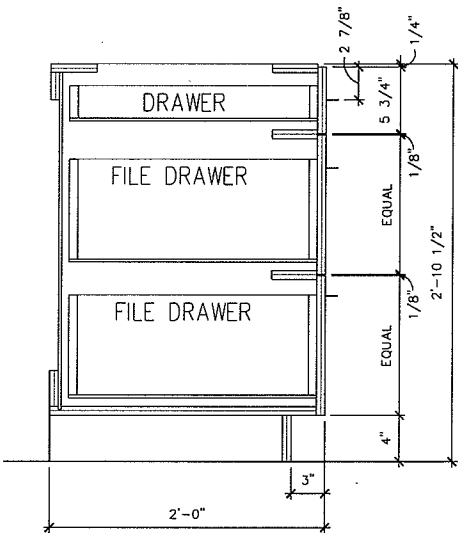
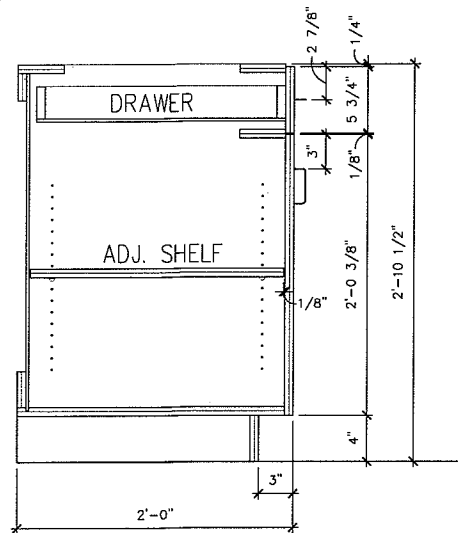
1 DOOR CABINET - BUSINESS
SCALE: 3/4" = 1'-0"

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

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

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

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



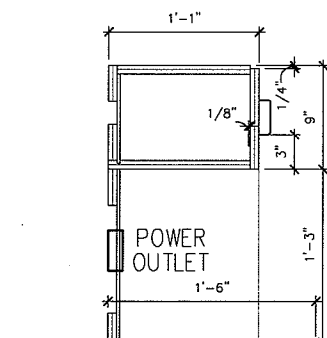
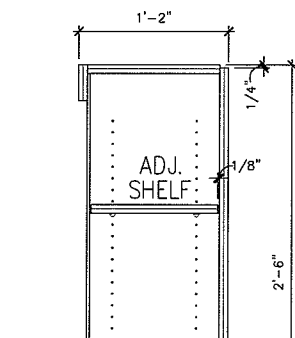
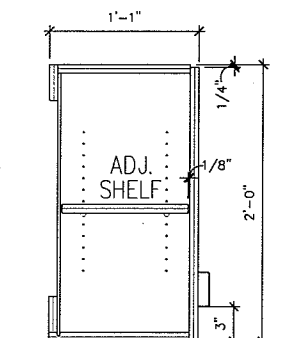
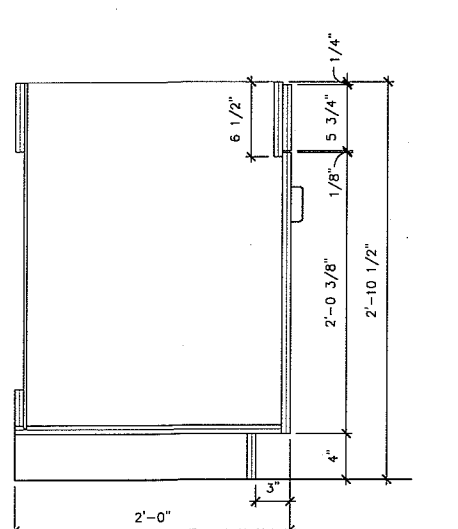
9 TRACER COMPUTER
SPECIAL WALL CABINET
SCALE: 3/4" = 1'-0"

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

7 3 DRAWER - LAB
SCALE: 3/4" = 1'-0"

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

INDICATES DETAIL WAS USED



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

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

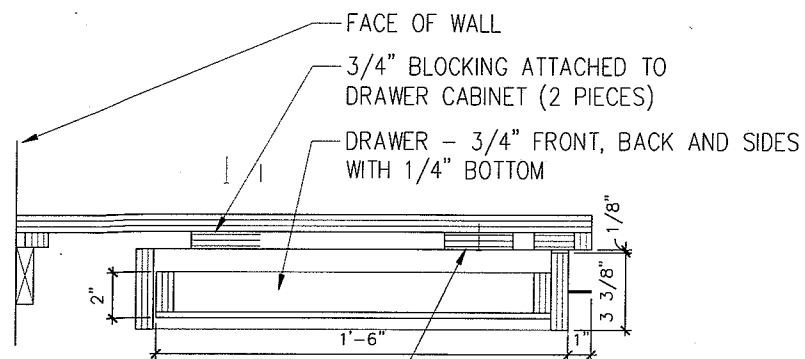
12 TALL WALL CABINET
SCALE: 3/4" = 1'-0"

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

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

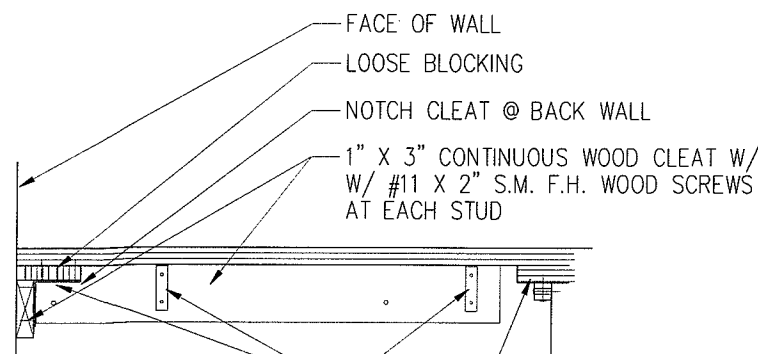
GENERAL NOTES

- 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 COUNTERTOP COMPONENTS ARE 3/4" THICK UNLESS NOTED OTHERWISE.
- ALL EXPOSED COUNTERTOP CORNERS ARE TO BE RADIUSUED.



ATTACH TO COUNTERTOP WITH
(4) #8 X 1-1/4" F.H. WOOD SCREWS
ALIGN WITH DRAWER OR DOOR FACE

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

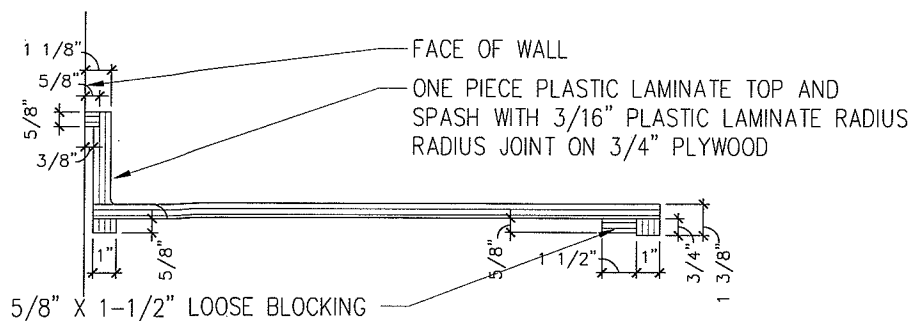


2" X 2" STEEL CORNER BRACE @
24" O.C. W/ 2-#8 X 3/4" F.H. WOOD
SCREWS INTO CLEAT AND 2- #36 X 1-1/4"
F.H. WOOD SCREWS INTO COUNTERTOP

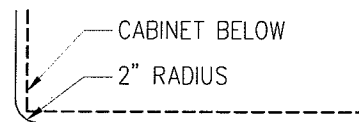
3/4" X 3/4" LOOSE BLOCKING
ATTACH TO APRON WITH (4) #8 X
1-1/4" F.H. WOOD SCREWS @ 12" O.C.

3/4" PLASTIC LAMINATE APRON
ALIGN WITH DRAWER OR DOOR FACE

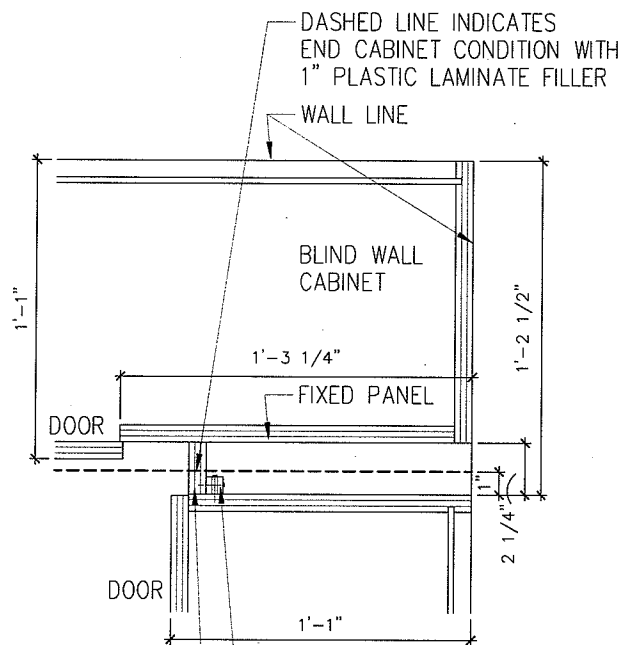
2 WALL BRACE / APRON
SCALE: 1 1/2" = 1'-0"



3 TYPICAL SINK COUNTERTOP
SCALE: 1 1/2" = 1'-0"

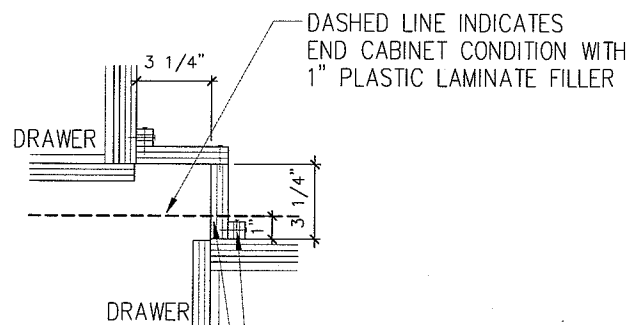


4 COUNTERTOP PLAN
SCALE: 1 1/2" = 1'-0"



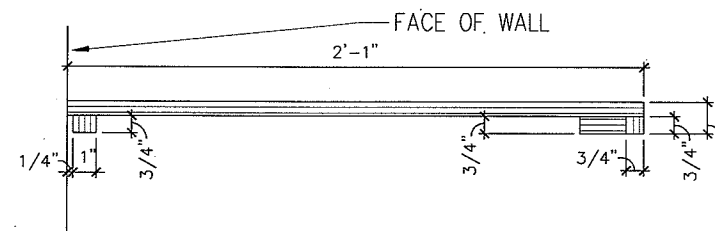
PLASTIC LAMINATE FILLER
(4) #8 X 1-1/4" F.H. WOOD
SCREWS THRU 3/4" X 3/4"
LOOSE BLOCKING

5 TYPICAL UPPER CABINET CORNER
SCALE: 1 1/2" = 1'-0"



PLASTIC LAMINATE FILLER
(6) #8 X 1-1/4" F.H. WOOD
SCREWS THRU 3/4" X 3/4"
LOOSE BLOCKING

6 TYPICAL LOWER CABINET CORNER
SCALE: 1 1/2" = 1'-0"



7 TYPICAL BUSINESS COUNTERTOP
SCALE: 1 1/2" = 1'-0"

LANDMARK
HEALTHCARE
FACILITIES, LLC

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

Key Plan



NORTH

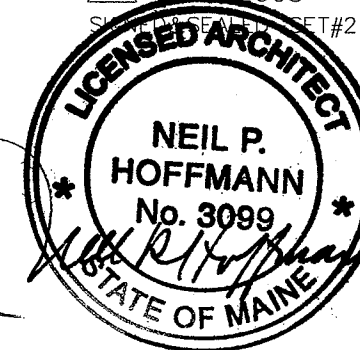


Revisions

1 12.26.2007

2 04.04.2008

SCALE: GENERAL SHEET #2



Sheet

Casework and
Countertop
Details

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine

Retina Center
of Maine

Suite 480

Date

January 11, 2008

Project No.

F07-5256.02

Sheet No.

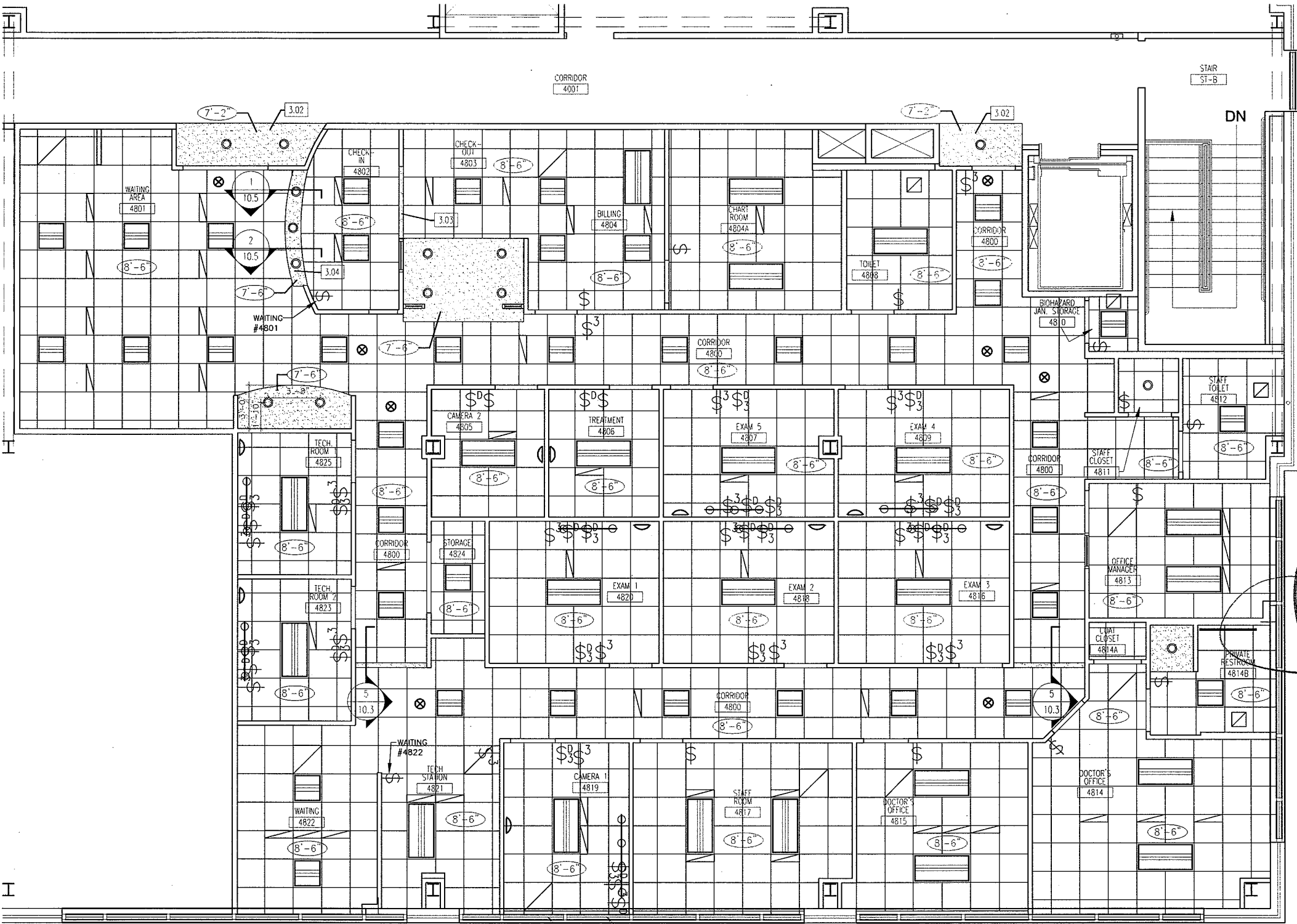
A8.5

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 COUNTERTOP COMPONENTS ARE 3/4" THICK UNLESS NOTED OTHERWISE.
- ALL EXPOSED COUNTERTOP CORNERS ARE TO BE RADIUS

LEGEND

- ROOM NAME
XXX ← ROOM NAME / NUMBER
- 1.00 ← KEY NOTE SYMBOL - SEE KEY NOTE LEGEND FOR DETAILS
- ← REVISION REFERENCE MARK
- 8'-0" ← CEILING HEIGHT AFF
- ← ACOUSTICAL TILE CEILING
- ← SUSPENDED GYPSUM BOARD CEILING OR SOFFIT
- ← 2' x 4' FLUORESCENT LIGHT DIRECT/INDIRECT FIXTURE
- ← 2' x 2' FLUORESCENT LIGHT DIRECT/INDIRECT FIXTURE
- ← SINGLE POLE SWITCH
- ← DIMMER SWITCH
- ← THREE WAY SINGLE POLE SWITCH
- ← COMPACT FLUORESCENT CAN LIGHT 4" OPENING
- ← WALL SCONCE MTD. @ 5'-5" Minka Lavery #368-PL Arch 12" high Energy Star Brushed Nickle Finish
- ← WALLMOUNTED VANITY Sussex Collection #45536 2 Lamp Fixture-Brushed Steel
- ← UNDERCABINET TASK LIGHT SeaGull Lighting - #9858-12 LX Task Disk Light Black
- ← EXIT SIGN -SEE ELEC. DWGS.
- ← VARIOUS HVAC DIFFUSERS - SEE MECH. DWGS.
- ← MINI BLINDS SECURED TO ALUMINUM WINDOW HEAD



KEY NOTE LEGEND

- 3.01 CUBICAL CURTAIN TRACK CURTAIN SHALL BE PROVIDED BY TENANT
- 3.02 7'-2" GYPSUM BOARD SOFFIT
- 3.03 7'-6" GYPSUM BOARD HEADER SEE DETAIL 4/A10.3
- 3.04 7'-0" GYPSUM BOARD CASED OPENING

REFLECTED CEILING NOTES

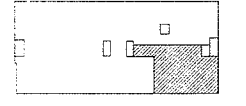
1. PROVIDE HALOGEN TASK LIGHTING AT ALL CLINICAL ROOMS. (SEA GULL LIGHTING #9858-12 LX TASK DISK LIGHT BLACK)
2. WALL SCONCES AND HALOGEN TASK LIGHTING SHALL HAVE DIMMERS. SWITCH SHALL BE LOCATED AT CASEWORK.

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

LANDMARK HEALTHCARE FACILITIES, LLC

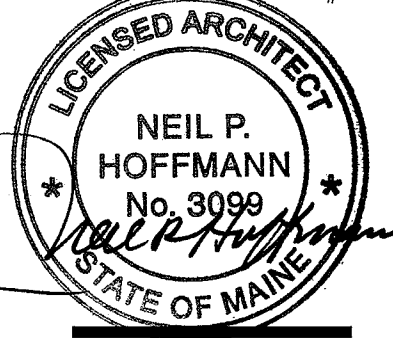
839 North Jefferson Street
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Key Plan



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- 1 12.26.2007
 - 2 04.04.2008
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Sheet

Partial **
Floor Reflected
Ceiling Plan**

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

**Retina Center
of Maine**

Suite 480

Date
January 11, 2008

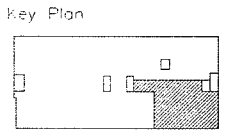
Project No.
F07-5256.02

Sheet No.

A9.1

**LANDMARK
HEALTHCARE
FACILITIES, LLC**

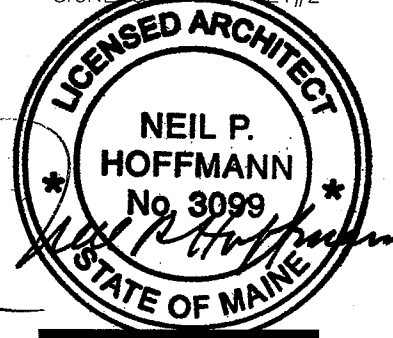
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1	12.26.2007
2	04.04.2008

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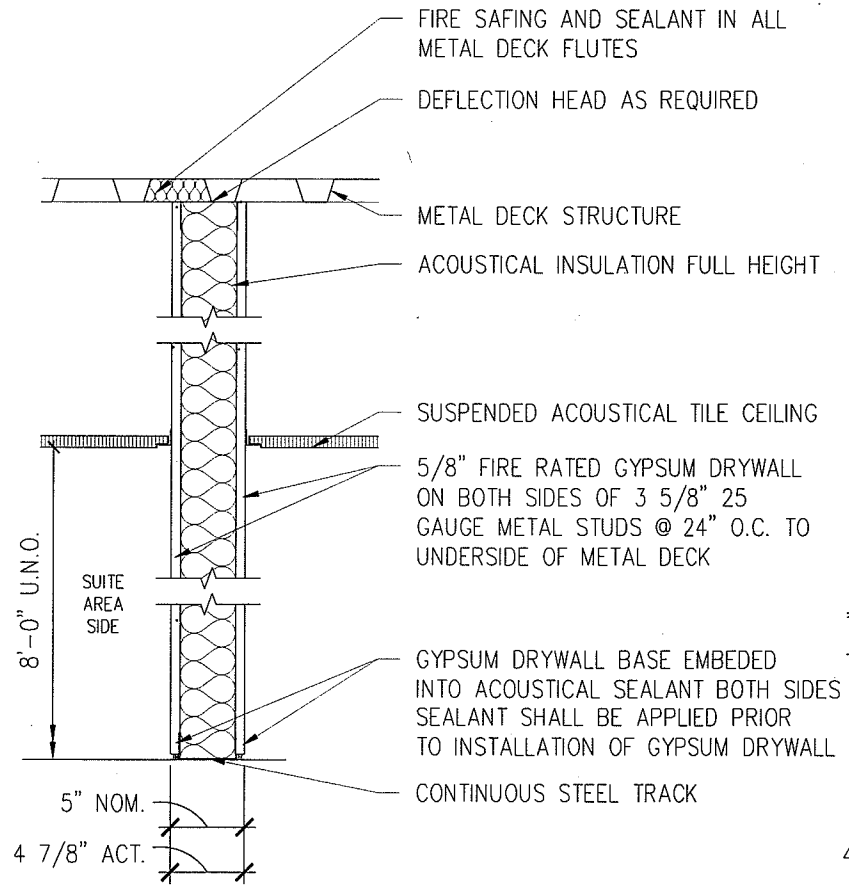
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**Partition Types
and Details**

Project
**MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine**
**Retina Center
of Maine**
Suite 480

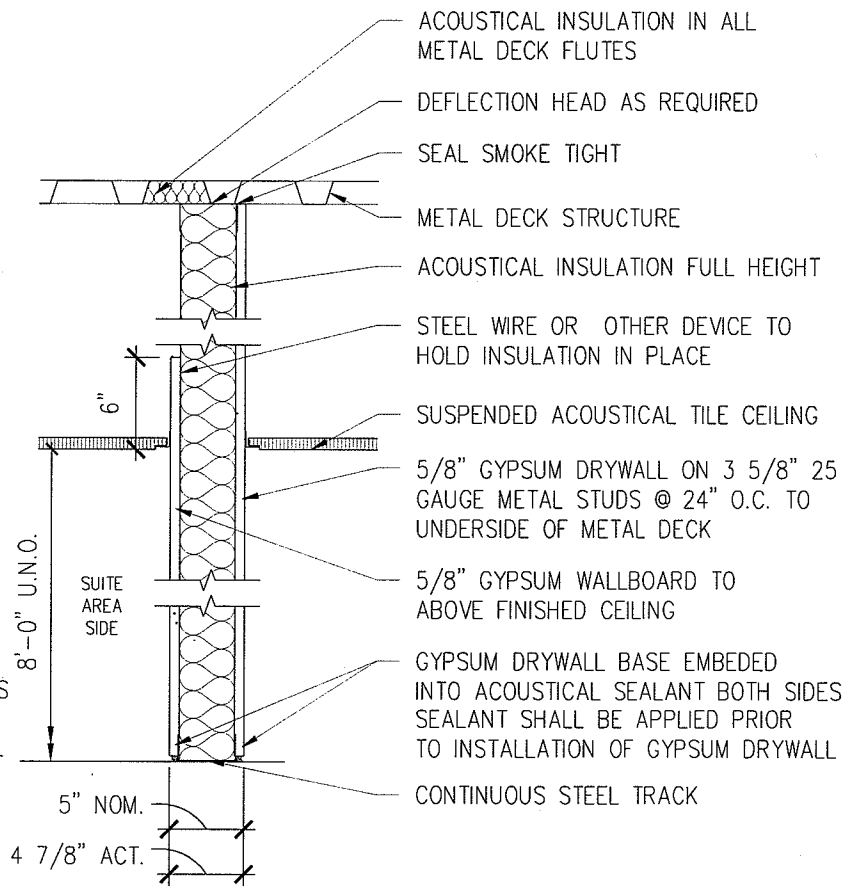
Date
January 11, 2008

Project No.
F07-5256.02

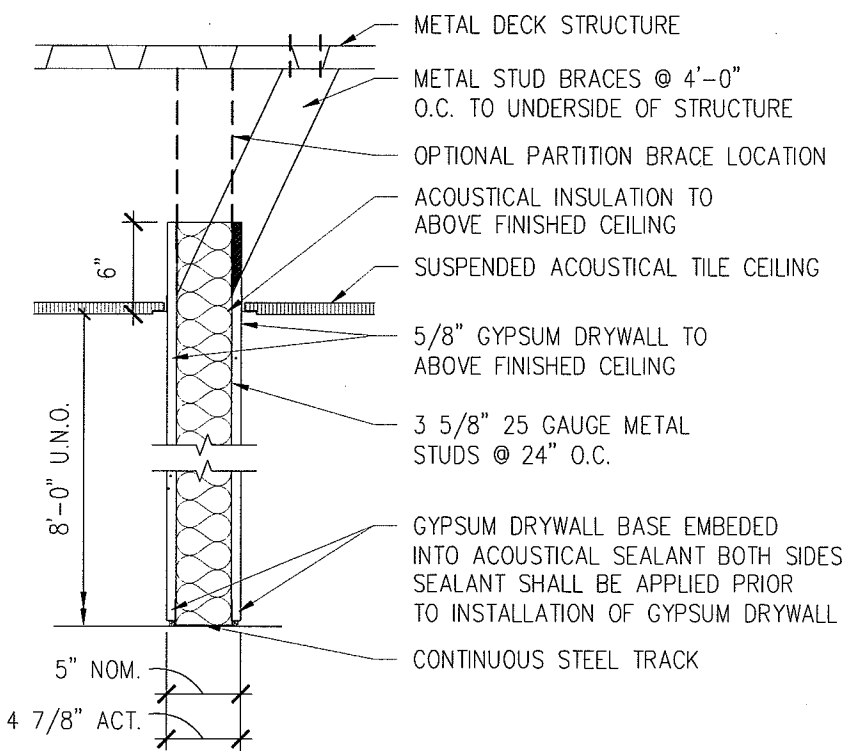
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A10.1



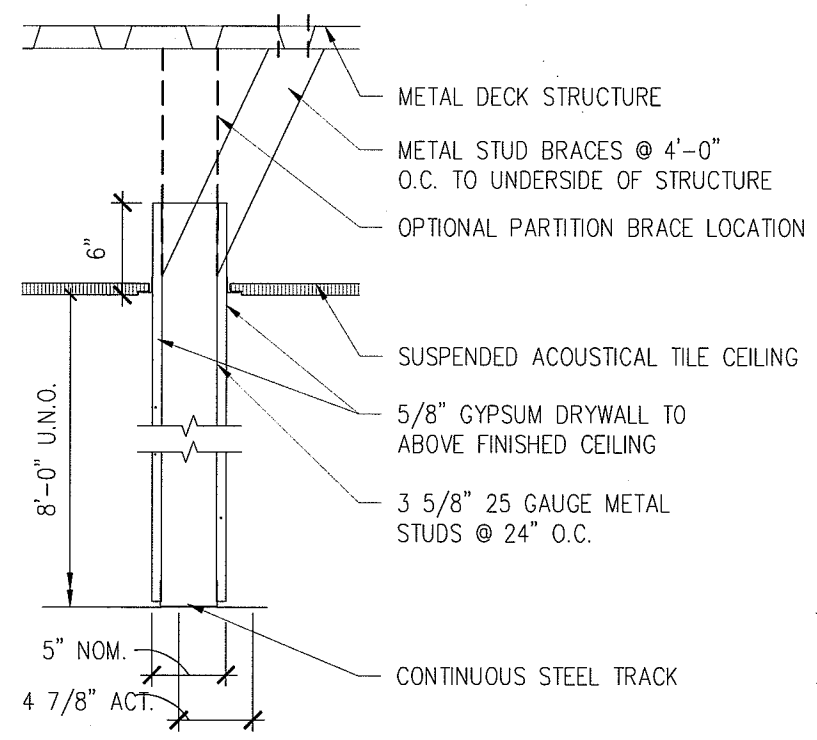
B ONE HOUR RATED PARTITION
SCALE: 1" = 1'-0" MUST MEET UL NO. U465 OR EQUAL



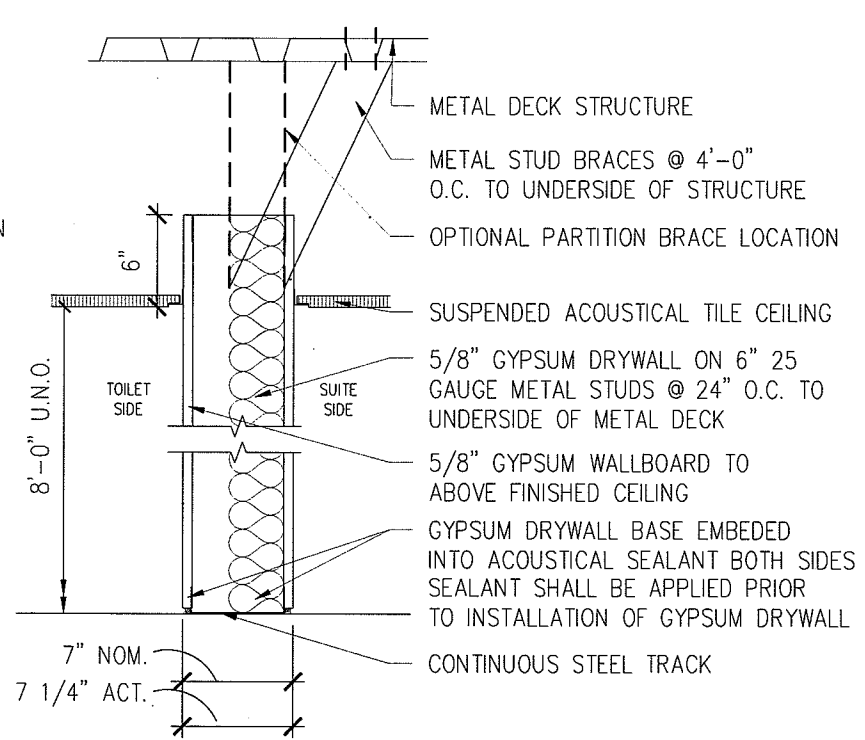
C FULL HEIGHT PARTITION
SCALE: 1" = 1'-0"



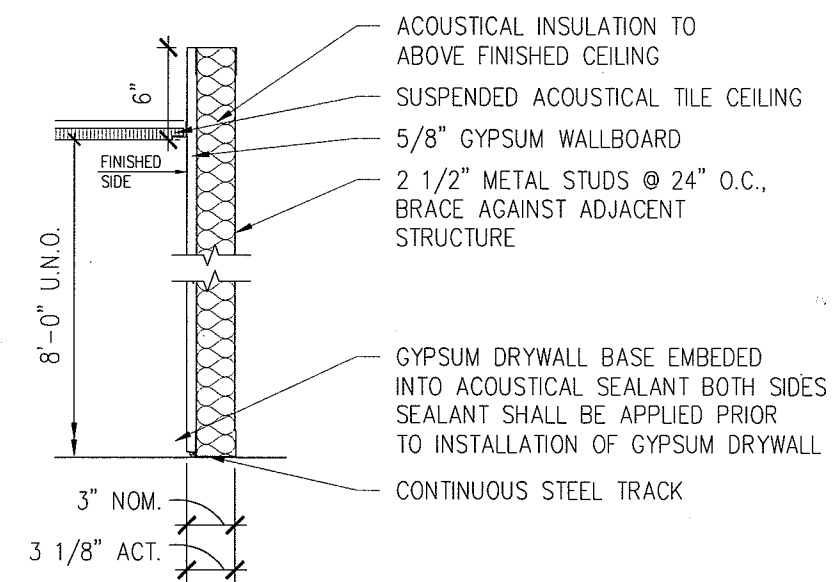
F CEILING HEIGHT INSULATED PARTITION
SCALE: 1" = 1'-0"



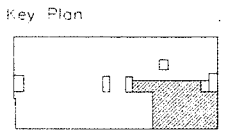
G CEILING HEIGHT PARTITION
SCALE: 1" = 1'-0"



H FULL HEIGHT CHASE PARTITION
SCALE: 1" = 1'-0"



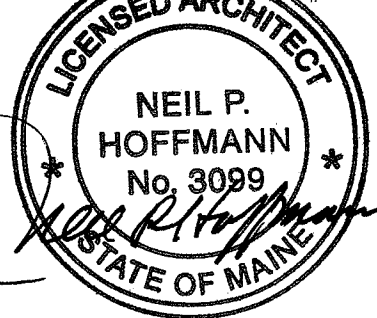
J INSULATED FURRING PARTITION
SCALE: 1" = 1'-0"



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1	12.26.2007
2	04.04.2008

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Sheet
**Partition Types
and Details**

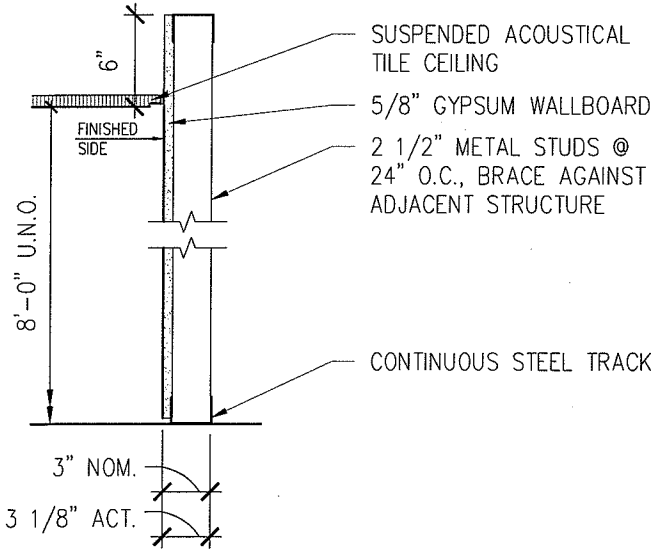
Project
**MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine**

**Retina Center
of Maine
Suite 480**

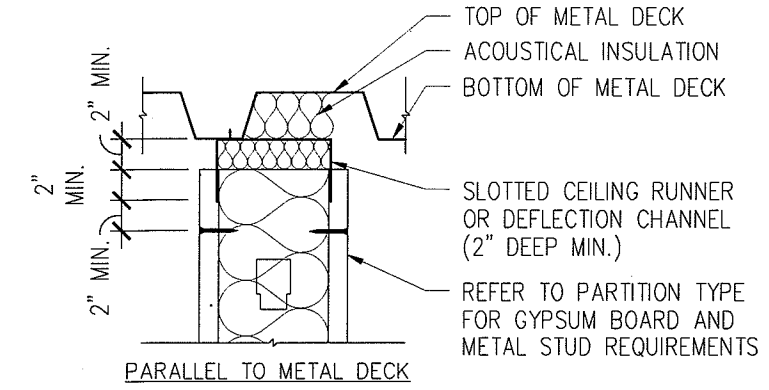
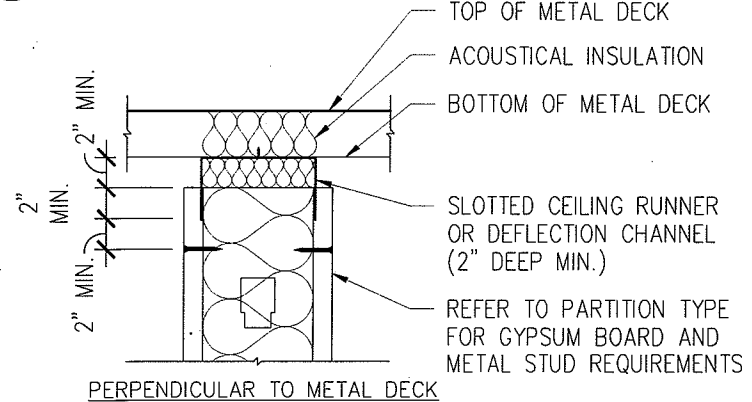
Date
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F07-5256.02

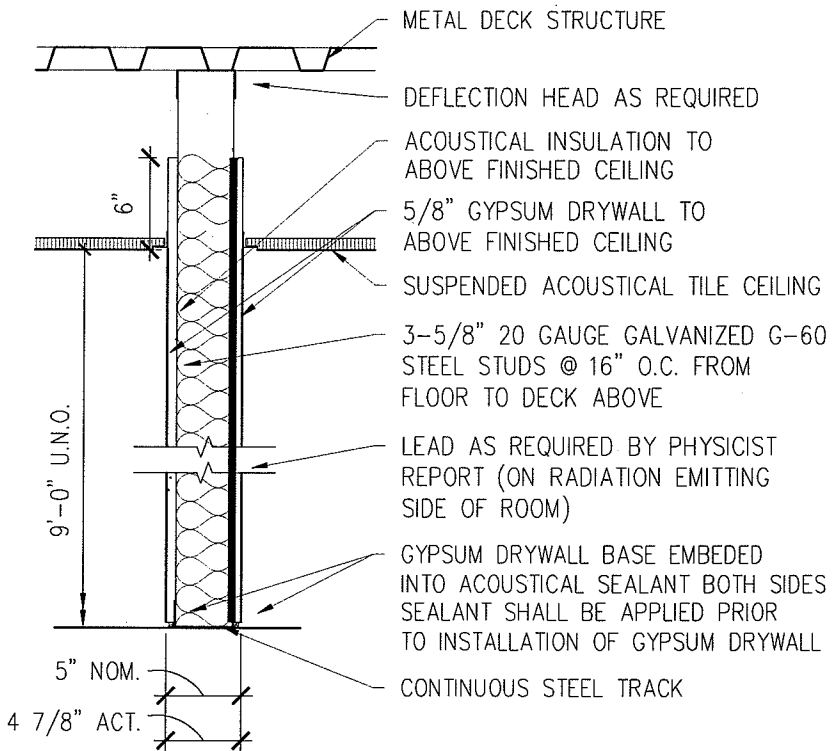
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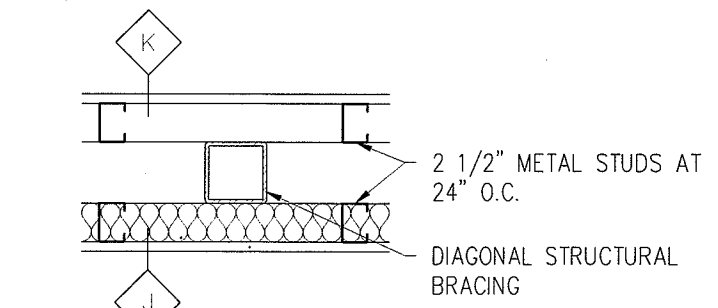
K FURRING PARTITION
SCALE: 1" = 1'-0"



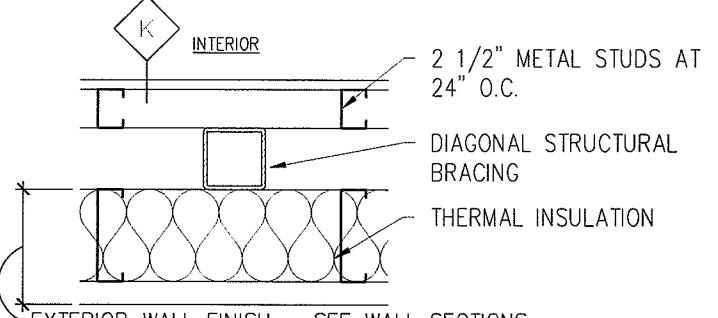
4 NON-RATED DEFLECTION HEAD
SCALE: 1" = 1'-0"



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

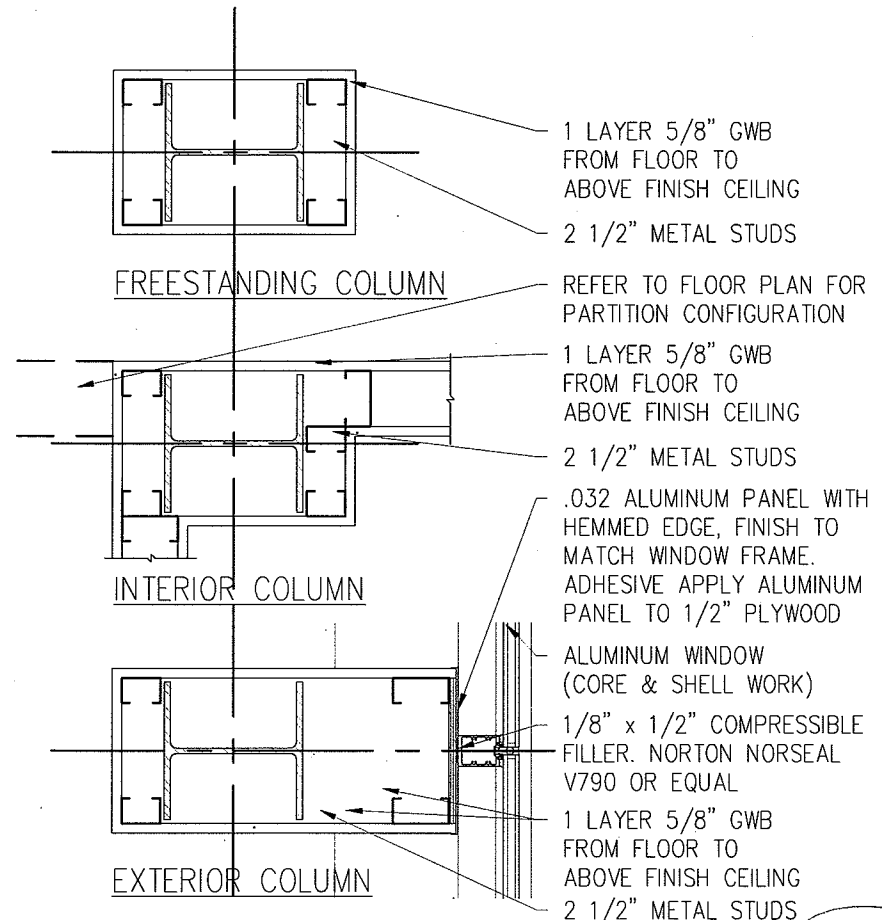


INTERIOR WALL FRAME LOCATIONS

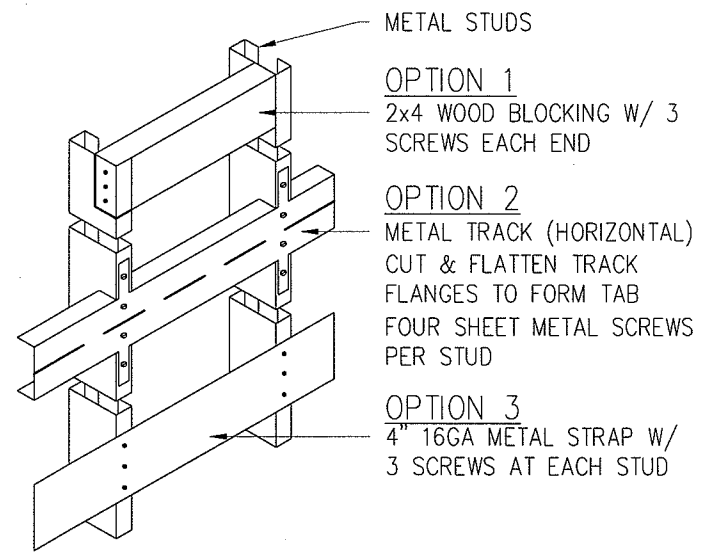


EXTERIOR WALL FRAME LOCATIONS

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



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

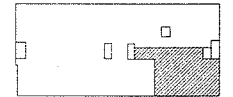


6 TYPICAL BLOCKING OPTIONS
SCALE: 1" = 1'-0"

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Key Plan



NORTH

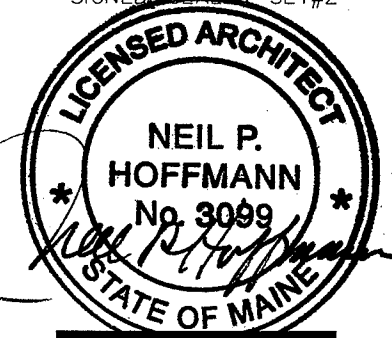


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Interior Details

Project

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

**Retina Center
of Maine**

Suite 480

Date

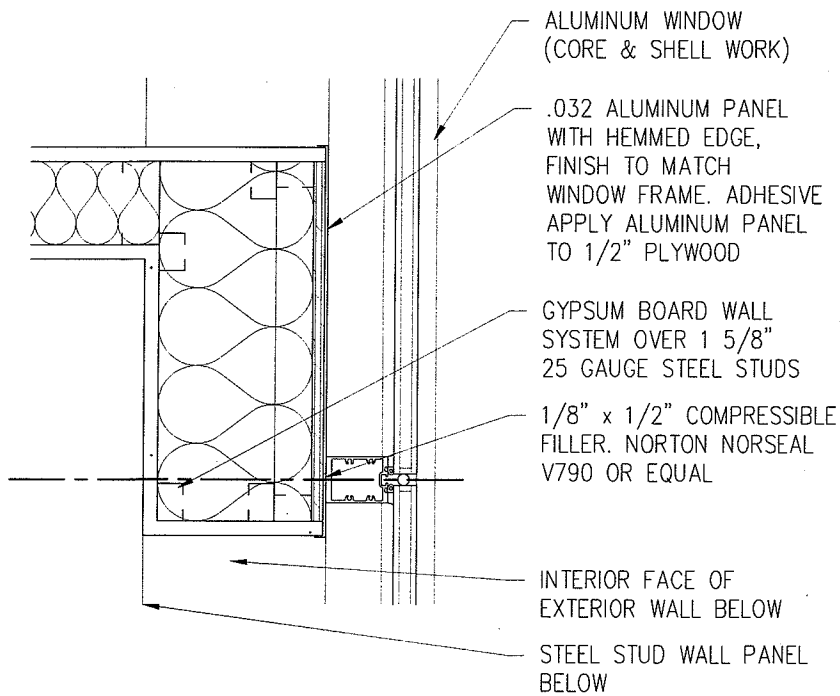
January 11, 2008

Project No.

F07-5256.02

Sheet No.

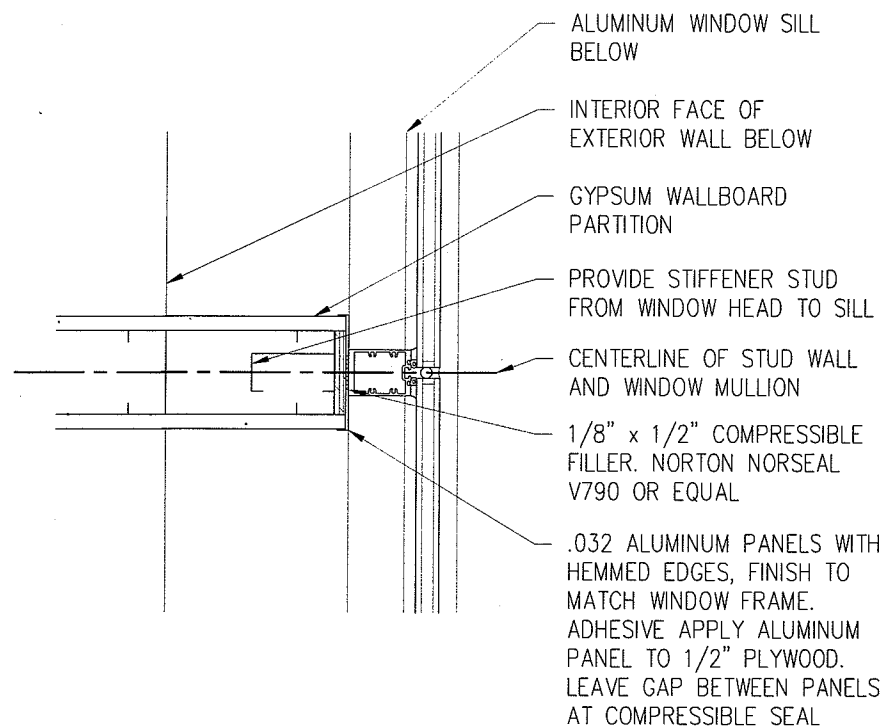
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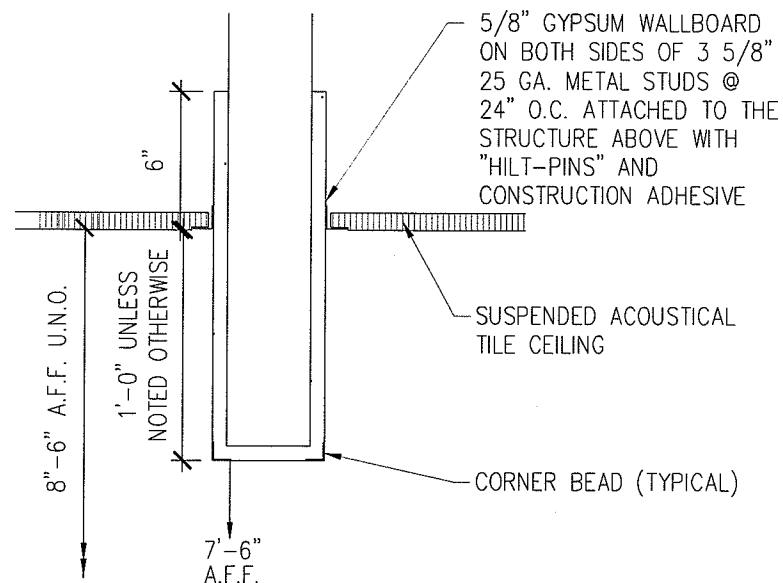
1 PARTITION TO MULLION
SCALE: 1 1/2" = 1'-0"

DETAIL NOT USED

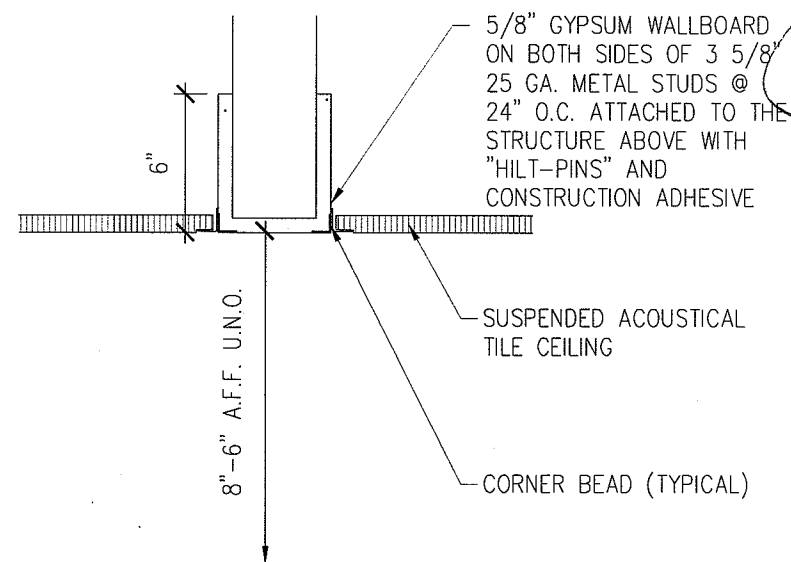
2 PARTITION AT GLAZING
SCALE: 1 1/2" = 1'-0"



3 PARTITION AT MULLION
SCALE: 1 1/2" = 1'-0"



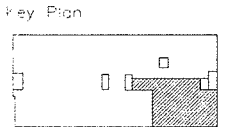
4 DROPPED HEADER
SCALE: 1 1/2" = 1'-0"



5 FLUSH HEADER
SCALE: 1 1/2" = 1'-0"

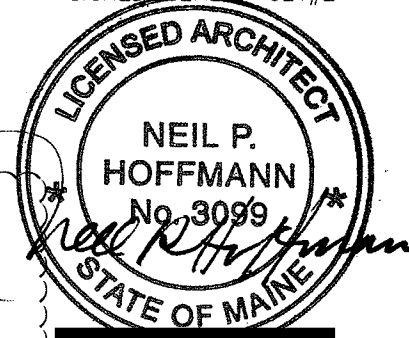
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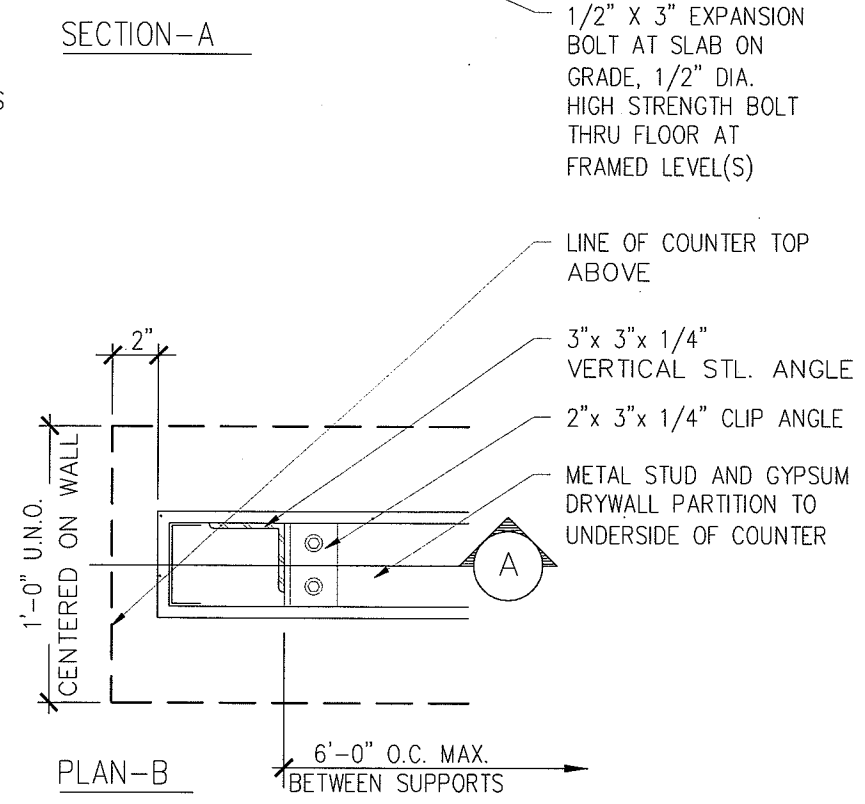
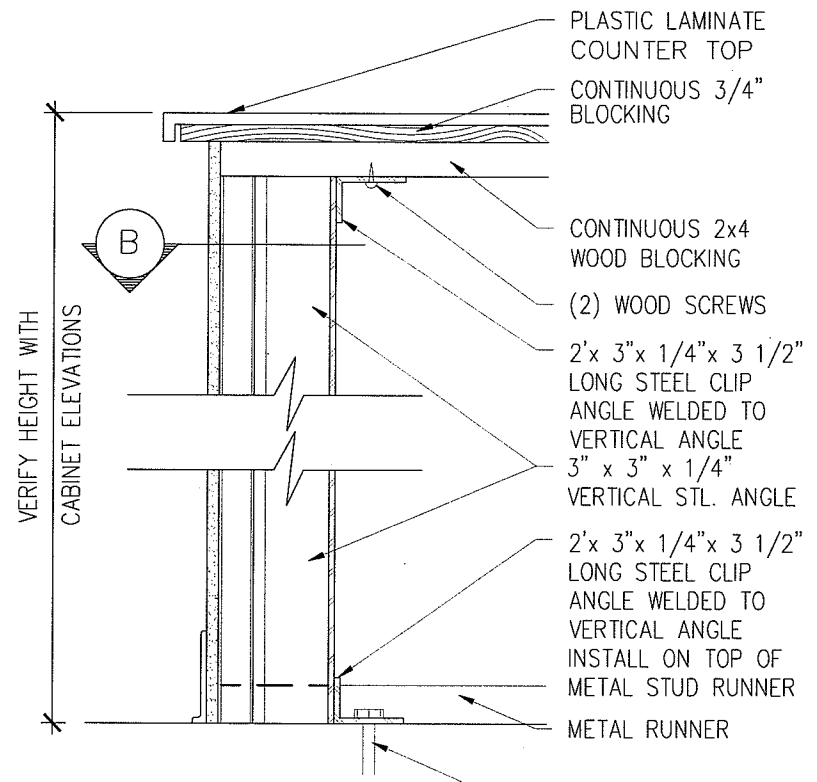
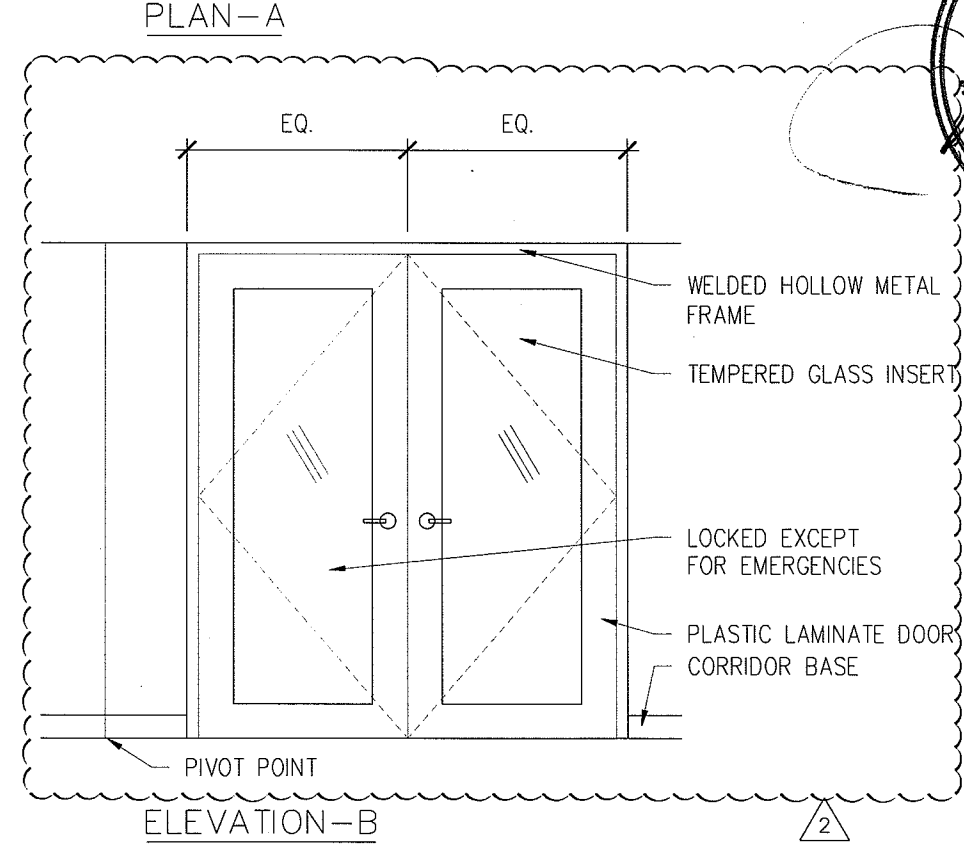
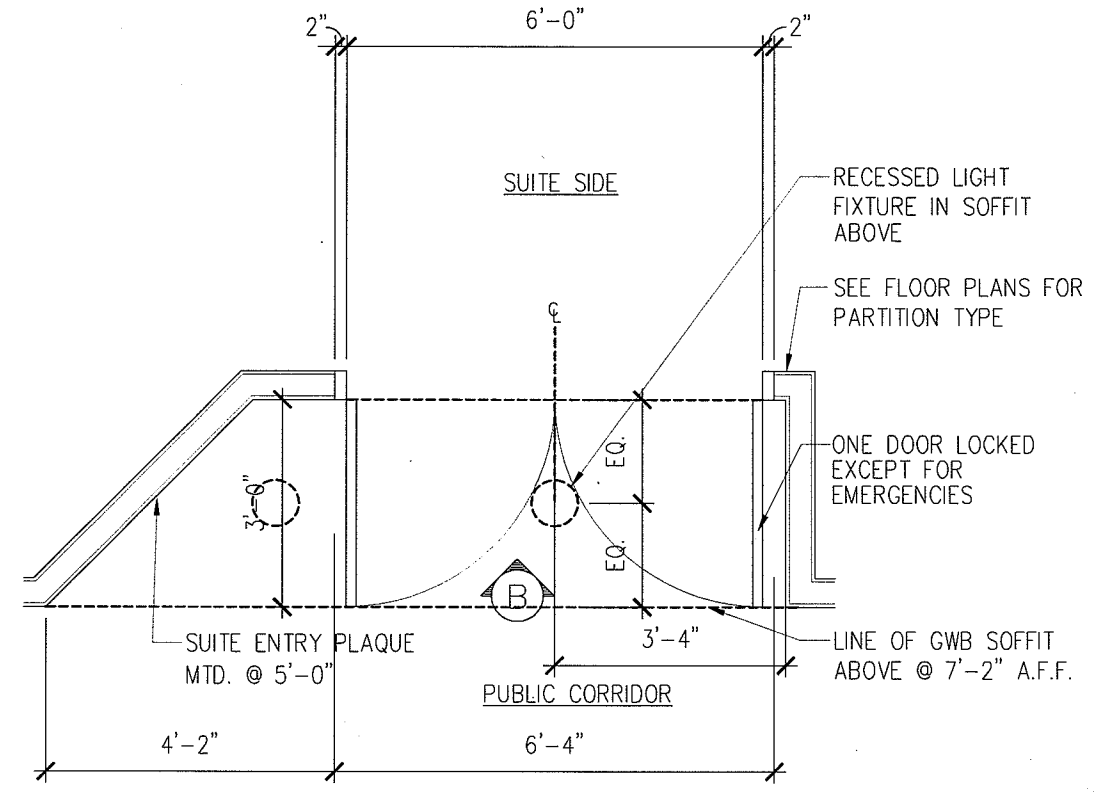
Sheet
Interior Details

Project
**MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine
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Date
January 11, 2008

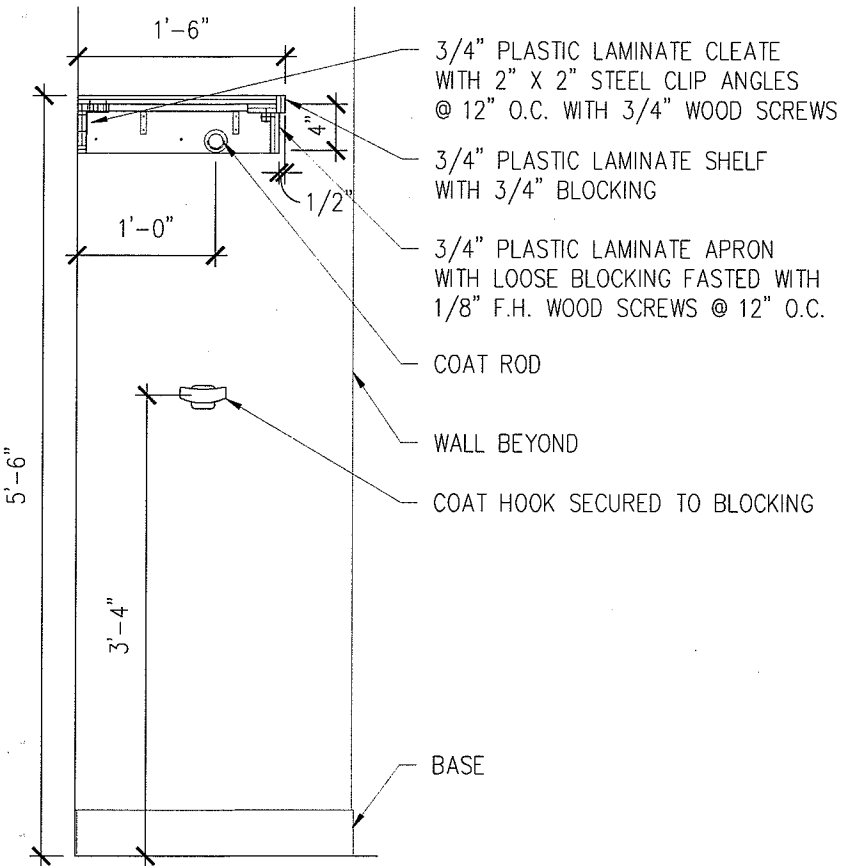
Project No.
F07-5256.02

Sheet No.
A10.4



DETAIL NOT USED

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



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

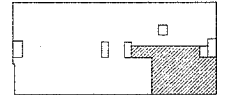
3 WALL BRACE
SCALE: 1 1/2" = 1'-0"

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

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Key Plan



NORTH

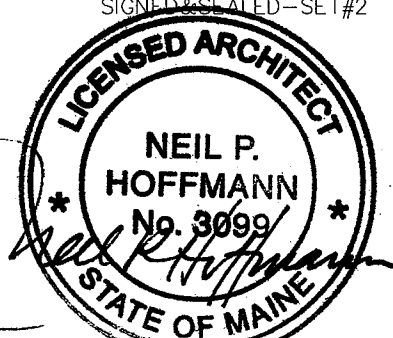


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2 04.04.2008

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Interior Details

Project

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

**Retina Center
of Maine**

Suite 480

Date

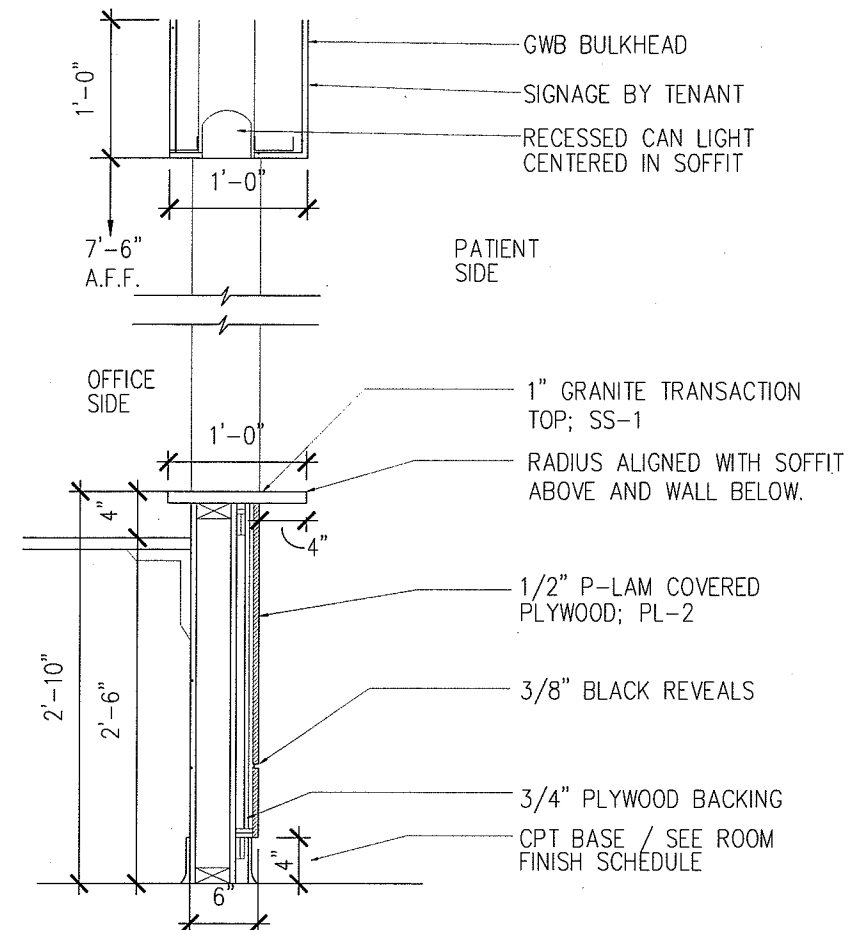
January 11, 2008

Project No.

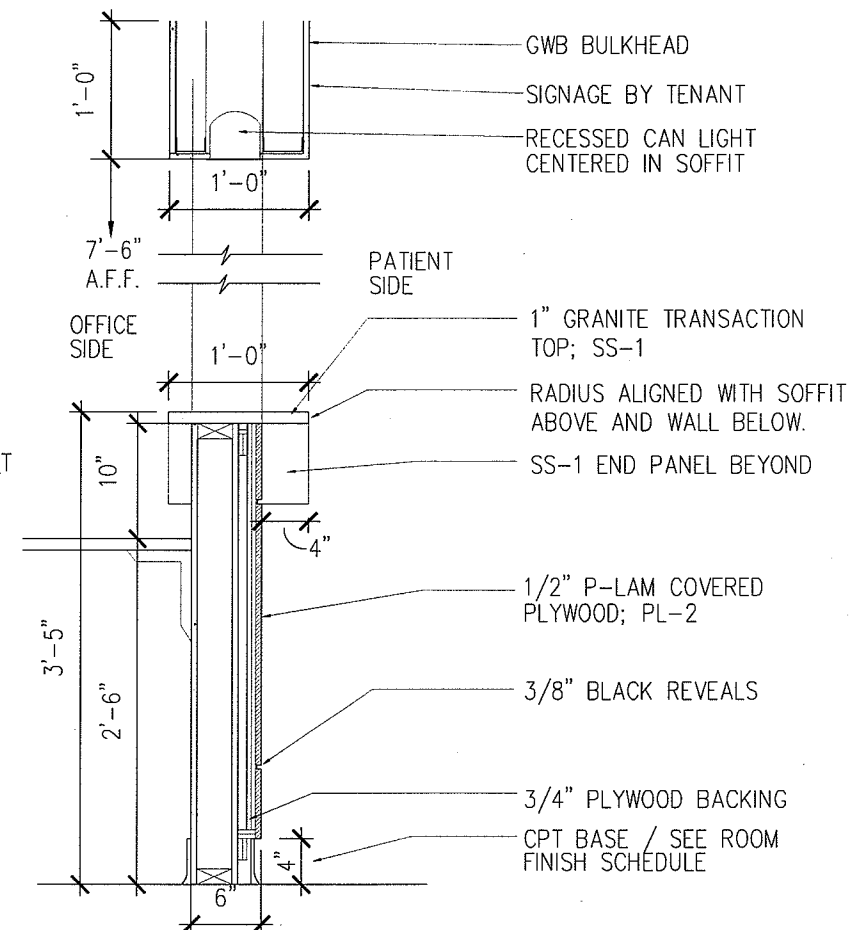
F07-5256.02

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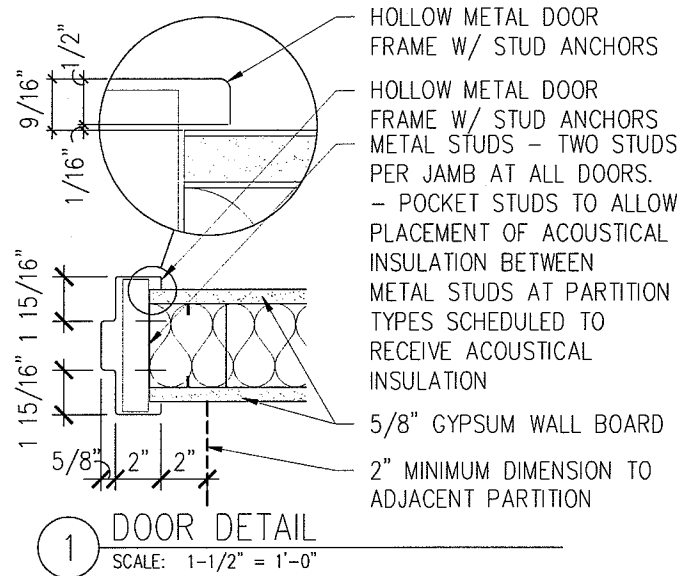
A10.5



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



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



DOOR SCHEDULE

DOOR NUMBER	ROOM NAME	DOOR				FRAME			DETAIL	LIGHT	LOUVER	HDWR SET	NOTES
		TYPE	MAT'L	FINISH	SIZE (UNLESS NOTED)	TYPE	MAT'L	FINISH					
4800	CORRIDOR	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	A	CARD READER
4801	WAITING AREA	B	WD	PL-5	(2) 3'-0"X 1-3/4"X 7'-0"	2	HM	PT-1	1	Y	--	A	--
4804	BILLING	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	D	HK
4804A	CHARTROOM	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	C	--
4805	CAMERA 2	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4806	TREATMENT	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4807	EXAM 5	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4808	STORAGE	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	B	--
4809	EXAM 4	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4810	BIOHAZARD/JAN. STORAGE	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	B	--
4811	STAFF CLOSET	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	--
4812	STAFF TOILET	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	D	HK
4813	OFFICE MANAGER	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	2	HM	PT-1	1	Y	--	C	HK
4814	DOCTOR'S OFFICE	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	C	HK
4814A	COAT CLOSET	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	C	--
4814B	PRIVATE RESTROOM	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	D	HK
4815	DOCTOR'S OFFICE	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	C	HK
4816	EXAM 3	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4817	STAFFROOM	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	D	--
4818	EXAM 2	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4819	CAMERA 1	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4820	EXAM 1	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4823	TECH ROOM 2	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK
4824	STORAGE	C	WD	PL-2	(2) 2'-6"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	J	--
4825	TECH ROOM 1	A	WD	PL-2	3'-0"X 1-3/4"X 7'-0"	1	HM	PT-1	1	--	--	F	HK

DOOR HARDWARE SETS

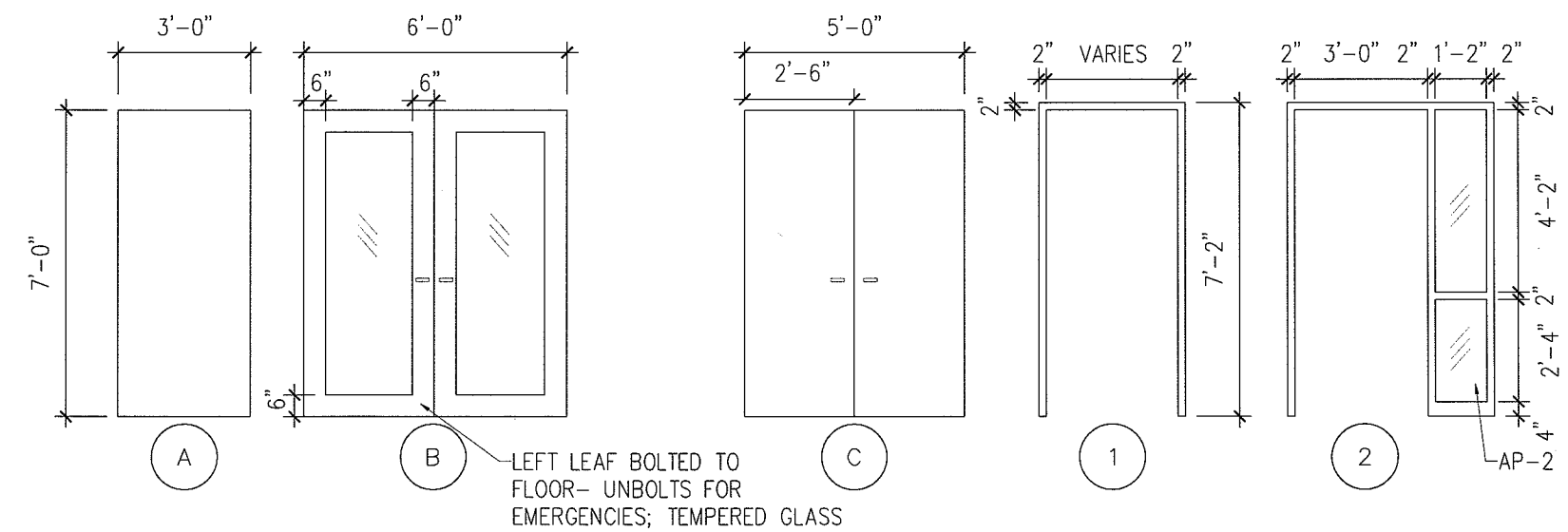
- HARDWARE SET A (SUITE ENTRY)**
 (1) SUITE ENTRANCE LOCKSET
 (1 1/2) PR - BALL BEARING BUTT HINGES
 (1) FLOOR STOP
 (1) CLOSER
- HARDWARE SET B (FILE, STOR., LAB., MED.)**
 (1) STORAGE LOCK SET
 (1 1/2) PR - STANDARD BUTT HINGES
 (1) WALL OR FLOOR STOP
- HARDWARE SET C (RECEPTION, PHYSICIAN OFFICE.)**
 (1) OFFICE LOCK SET
 (1 1/2) PR - STANDARD BUTT HINGES
 (1) WALL OR FLOOR STOP
- HARDWARE SET D (OFFICE, TOILET, WAITING)**
 (1) PRIVACY LOCK SET
 (1 1/2) PR - STANDARD BUTT HINGES
 (1) WALL OR FLOOR STOP
- HARDWARE SET F (EXAM SPECIAL PROCEDURE, CLOSET)**
 (1) PASSAGE SET
 (1 1/2) PR - STANDARD BUTT HINGES
 (1) WALL OR FLOOR STOP
- HARDWARE SET J (PAIR OF CLOSET DOORS)**
 (2) DUMMY TRIM, STRIKE AND PRESSURE LATCH
 (3) PR - STANDARD BUTT HINGES
 (2) WALL OR FLOOR STOP

ABBREVIATIONS LEGEND:

PL	PLASTIC LAMINATE	PREF	PREFINISHED
PT	PAINT	WD	WOOD
HM	HOLLOW METAL	CH	DULL CHROME
AL	ALUMINUM	HK	COAT HOOK

GENERAL NOTES

- HOLLOW METAL DOOR AND WINDOW FRAMES IN CORRIDOR WALLS SHALL BE PAINTED TO MATCH CORE AND SHELL HOLLOW METAL FRAMES.
- ALL OTHER HOLLOW METAL DOOR AND WINDOW FRAMES IN TENANT SUITE SHALL BE PAINTED PT-1.
- PROVIDE COAT HOOK MOUNTED AT 4'-0" ABOVE FINISHED FLOOR.

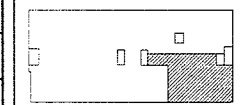


2 DOOR AND FRAME TYPES
 SCALE: 1/4" = 1'-0"

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Key Plan



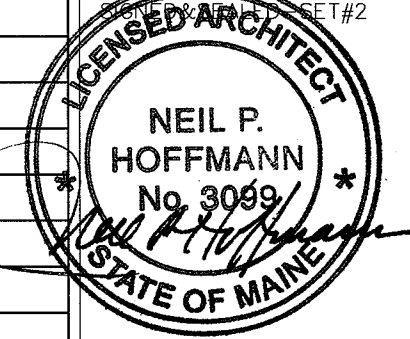
NORTH



Revisions

1 12.26.2007

2 04.04.2008



Sheet
Door Schedule and Details

Project
MERCY HOSPITAL
 Medical Office Bldg.
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Retina Center of Maine

Suite 480

Date
January 11, 2008

Project No.
F07-5256.02

Sheet No.
A11.1

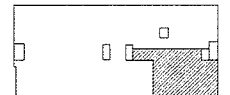
FURNISHINGS, FIXTURES AND EQUIPMENT SCHEDULE

ROOM NO.	ITEM NO.	EQUIPMENT NAME	ROOM LOCATION	SIZE	FURNISHED BY	INSTALLED BY	ROUGH-IN ONLY BY CONTRACTOR	EQUIPMENT BOOK	NOTES
4803	E.01	COPIER	BILLING OFFICE	-	OWNER	CONTRACTOR	-	-	-
4803	E.02	SHREDDER	BILLING OFFICE	-	OWNER	OWNER	-	-	-
4817	E.03	REFRIGERATOR	STAFF ROOM	2'-9"W x 5'-6"h	OWNER	CONTRACTOR	-	-	-
**	E.04	WATER FEATURE (2)	WAITING AREAS	-	OWNER	OWNER	-	-	**4801, 4822
**	E.05	SLIT LAMP (2)	TECH ROOMS	-	OWNER	OWNER	-	-	**4823, 4825
4808	E.06	PHONE BOARD	CHART ROOM	-	CONTRACTOR	CONTRACTOR	-	-	-
4819	E.07	U.C. REFRIGERATOR	CAMERA ROOM 1	-	OWNER	OWNER	-	-	-
**	E.08	PATIENT CHAIR (7)	EXAM & TECH ROOMS	-	OWNER	CONTRACTOR	-	-	**4807,4809,4816,4818, 4820,4823,4825
4802	E.09	VERTICAL SLOTS	CHECK-IN	34"W X 12"D X 12"H	OWNER	OWNER	-	-	-
4817	E.10	MICROWAVE	STAFF ROOM	-	OWNER	OWNER	-	-	-
4801	E.11	WATER COOLER	WAITING AREA	-	OWNER	OWNER	-	-	-
4817	E.12	WATER COOLER	STAFF ROOM	-	OWNER	OWNER	-	-	-

**LANDMARK
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Key Plan



NORTH

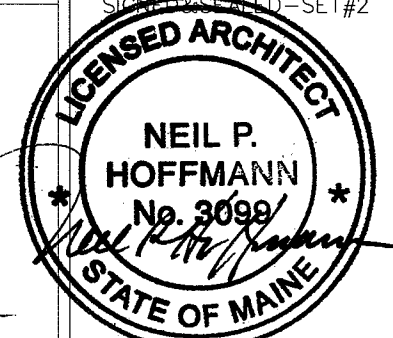


Revisions

1 12.26.2007

2 04.04.2008

SIGNATURE REQUIRED - SET #2



Sheet

Equipment by
Tenant Schedule

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE COORDINATED WITH REQUIREMENTS OF THE TENANT'S FURNISHINGS, FIXTURES AND EQUIPMENT.
2. INFORMATION CONTAINED IN THESE DOCUMENTS IS FOR REFERENCE ONLY.
3. ALL FREESTANDING FURNITURE AND EQUIPMENT TO BE PROVIDED BY TENANT. FREESTANDING FURNITURE SHOWN FOR REFERENCE ONLY.

Project

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

**Retina Center
of Maine**

Suite 480

Date

January 11, 2008

Project No.

F07-5256.02

Sheet No.

A11.2

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
	CFM OR CUBIC FEET PER MINUTE
	DIAMETER
	SQUARE FEET
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	12x12 CD 400 CFM RECTANGULAR CEILING DIFFUSER WITH 12" X 12" NECK 400 CFM SUPPLY AIR
	CD-A 400 CFM TYPE A CEILING DIFFUSER 400 CFM SUPPLY AIR
	10x8 CR(CG) 300 CFM 10" BY 8" CEILING REGISTER (CEILING GRILLE) 300 CFM RETURN AIR
	RECTANGULAR DIFFUSER WITH BLANKING PLATE

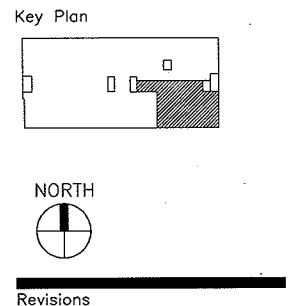
	VANED ELBOW (SEE DETAIL) OR RADIUS ELBOW
	FLEXIBLE DUCT
	SLOTTED LINEAR DIFFUSER WITH PLENUM
	VAV BOX TYPE A
	VAV BOX TYPE A WITH REHEAT COIL
	THERMOSTAT

HVAC ABBREVIATIONS

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

AD	ACCESS DOOR	EWB	ENTERING WET BULB
AFF	ABOVE FINISHED FLOOR	EWT	ENTERING WATER TEMPERATURE
AHU	AIR HANDLING UNIT	EXH	EXHAUST
BHP	BRAKE HORSEPOWER	*F	DEGREES FAHRENHEIT
BTU	BRITISH THERMAL UNIT	FA	FREE AREA (SQ.FT.)
BTUH	BTU PER HOUR	FC	FLEXIBLE CONNECTION
CD	CEILING DIFFUSER	FD	FIRE DAMPER
CFM	CUBIC FEET PER MINUTE	FLA	FULL LOAD AMPERES
CG	CEILING GRILLE	FPM	FEET PER MINUTE
CLG	CEILING	GAL	GALLON
CR	CEILING REGISTER	GPH	GALLONS PER HOUR
CV	CONSTANT VOLUME	GPM	GALLONS PER MINUTE
DB	DRY BULB	HT	HEIGHT
DMPR	DAMPER	HZ	FREQUENCY
DX	DIRECT EXPANSION	IN	INCH OR INCHES
(E)	EXISTING TO REMAIN	LAT	LEAVING AIR TEMPERATURE
(ER)	EXISTING TO BE REMOVED	LD	LINEAR DIFFUSER
(ERR)	EXISTING TO BE REMOVED & RELOCATED	LWB	LEAVING WET BULB TEMPERATURE
EAT	ENTERING AIR TEMPERATURE	LWT	LEAVING WATER TEMPERATURE
EDB	ENTERING DRY BULB TEMPERATURE	MBH	THOUSAND BTU PER HOUR
EF	EXHAUST FAN	MIN	MINIMUM
EL	ELEVATION	(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

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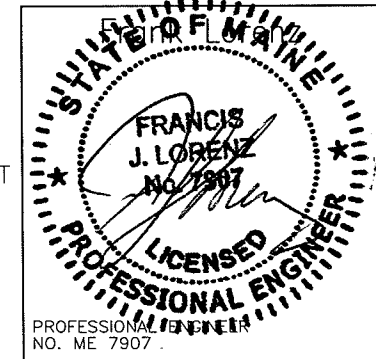
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HVAC
 Cover Sheet

Project
MERCY HOSPITAL
 Medical Office Bldg.
 Portland, Maine
 Retina Center
 of Maine

Suite 480
 Date
 January 11, 2008

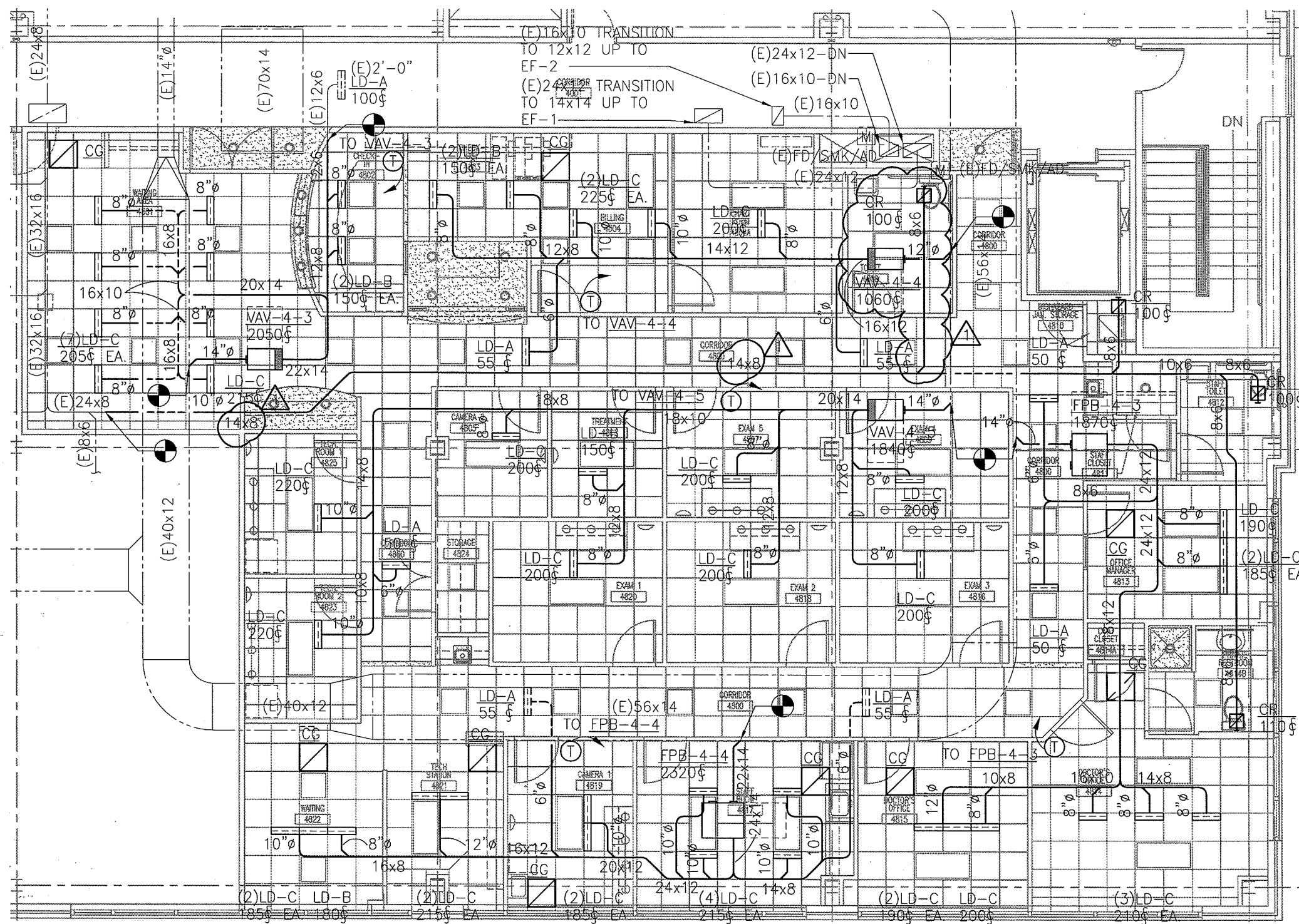
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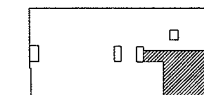


1 FLOOR PLAN
SCALE: 1/8"=1'-0"

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Key Plan



NORTH



Revisions

1 REVISION # 2 04.04.2008

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Sheet

**Hvac
Floor Plan**

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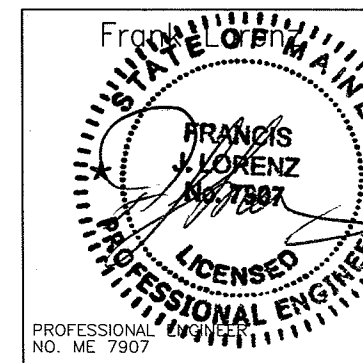
January 11, 2008

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Sheet No.

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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. Δ SP	CFM @ MIN. Δ SP	MAX. PRIMARY CFM	MIN. PRIMARY CFM	MAX. RETURN CFM	CFM	EXT. SP (IN. W.G.)	FAN TYPE
FPB-4-3	12	12x18.25	14x18	30%	16.5x14.63	0.5	1870	1870	0	1870	1870	0.5	CENTRIF
FPB-4-4	14	12x18.25	14x18	30%	16.5x14.63	0.5	2320	2320	0	2320	2320	0.5	CENTRIF

SERIES FAN POWERED TERMINAL UNIT SCHEDULE (CONT.)

BASED ON: TITUS

DESIGNATION	MOTOR DATA					ELECTRIC HEATING COIL DATA						TYPE OF CONTROLS	MANUF. MODEL #	REMARKS	
	MOTOR HP	FLA	ELECTRICAL DATA			MBH	KW INPUT	VOLTS	PHASE	HZ	FULL-LOAD AMPERES				No. OF STEPS (STAGES)
			VOLTS	PHASE	HZ										
FPB-4-3	1/3	3.0	480	3	60	40.6	11.9	480	3	60	14.3	3	DDC	DTFS	-
FPB-4-4	1/3	3.0	480	3	60	50.7	14.8	480	3	60	17.9	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 & Δ PS=1" (NC)	
			MIN.	MAX.	MBH	KW INPUT	VOLTS	PHASE	HZ	FULL-LOAD AMPERES				No. OF STEPS (STAGES)
VAV-4-3	VAV	12	0	2050	32.8	9.6	480	3	60	11.6	3	425	0.5	26
VAV-4-4	VAV	10	0	1060	24.8	7.3	480	3	60	8.8	3	300	0.5	25
VAV-4-5	VAV	14	0	1840	40.4	11.8	480	3	60	14.3	3	425	0.5	20

DIFFUSER SCHEDULE

BASED ON: TITUS

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	151-200	EXH	LAY-IN	6"φ	24x24	TITUS PAR
CR	201-300	EXH	LAY-IN	8"φ	24x24	TITUS PAR
CG	0-1500	RET	LAY-IN	22x22	24x24	TITUS PAR

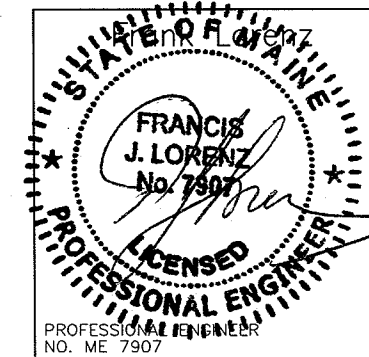
NOTES:

- 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.

TERMINAL BOX SCHEDULE (CONT.)

BASED ON: TITUS

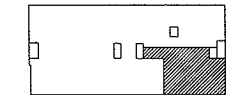
DESIGNATION	RADIATED SOUND LEVEL AT MAX. CFM & Δ PS=1" (NC)	TYPE OF CONTROLS	MANUF. MODEL #	REMARKS
VAV-4-3	29	DDC	DESV	-
VAV-4-4	29	DDC	DESV	-
VAV-4-5	27	DDC	DESV	-



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Sheet

HVAC
Schedules

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












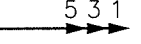
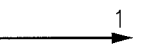
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







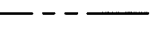
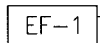
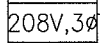
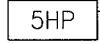








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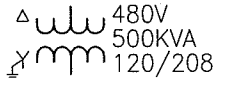

ELECTRICAL SYMBOLS LIST

(NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT)

<p>A,a </p> <p>A,a </p> <p>'A' </p> <p>'A' </p> <p>'A' </p> <p>'A' </p> <p>S_a³ </p> <p>\$_m </p> <p>OS-H </p> <p>T </p> <p></p> <p></p> <p></p> <p>5 3 1 </p> <p>1 </p>	<p>2'x4'/2'x2'/1'x4' FLUORESCENT CEILING MOUNTED FIXTURE 'A' = FIXTURE TYPE 'a' = CONTROLLED BY SWITCH 'a'</p> <p>SIMILAR TO ABOVE WITH EMERGENCY BACKUP 'A' = FIXTURE TYPE 'a' = CONTROLLED BY SWITCH 'a'</p> <p>CEILING MOUNTED FIXTURE 'A' = FIXTURE TYPE 'a' = CONTROLLED BY SWITCH 'a'</p> <p>SIMILAR TO ABOVE WITH EMERGENCY BACKUP 'A' = FIXTURE TYPE 'a' = CONTROLLED BY SWITCH 'a'</p> <p>CEILING MOUNTED EXIT LIGHT - DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACE/FACES 'A' = FIXTURE TYPE</p> <p>WALL MOUNTED EXIT LIGHT - DIRECTIONAL ARROWS WHERE INDICATED - SHADED AREAS INDICATE ILLUMINATED FACE/FACES 'A' = FIXTURE TYPE</p> <p>SINGLE POLE SWITCH 3 = THREE-WAY a = CONTROLS SWITCH LEG 'a'</p> <p>DISCONNECT SWITCH - TOGGLE TYPE MOTOR RATED, 20A, 1P, UON</p> <p>OCCUPANCY SENSOR, WALL MOUNTED</p> <p>TRANSFORMER</p> <p>20A, 125V DUPLEX RECEPTACLE - FLUSH WALL MOUNTED CONTROLLED FROM WALL SWITCH 'a'</p> <p>20A, 125V QUADRUPLEX RECEPTACLE - FLUSH WALL MOUNTED</p> <p>20A, 125V DUPLEX RECEPTACLE FLUSH WALL MOUNTED GFI TYPE.</p> <p>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.</p> <p>HOMERUN - NUMERAL WHERE USED INDICATES CIRCUIT NUMBER FOR REFERENCE ONLY</p>
--	---

<p>30/3 </p> <p>100/60/3 </p> <p></p> <p></p> <p>J </p> <p>J-H </p> <p>J </p> <p></p> <p></p> <p>EF-1 </p> <p>208V, 3Ø </p> <p>5HP </p> <p>S </p> <p>F </p> <p>H </p> <p>F </p> <p>H-F </p> <p>▽#/# </p> <p>▽# </p> <p>TV </p>	<p>UNFUSED DISCONNECT SWITCH SWITCH AMPS/# OF POLES, VOLTAGE RATING AS REQUIRED</p> <p>FUSED DISCONNECT SWITCH; SWITCH AMPS/FUSE AMPS/ # OF POLES, VOLTAGE RATING AS REQUIRED</p> <p>SURFACE MOUNTED LIGHTING PANELBOARD</p> <p>SURFACE MOUNTED POWER PANELBOARD</p> <p>CEILING MOUNTED JUNCTION BOX</p> <p>FLUSH WALL MOUNTED JUNCTION BOX</p> <p>FLUSH FLOOR MOUNTED JUNCTION BOX</p> <p>NEW CONCEALED CONDUIT</p> <p>NEW EXPOSED CONDUIT</p> <p>EQUIPMENT DESIGNATION</p> <p>VOLTAGE, PHASE</p> <p>HP, KW OR FLA OF EQUIPMENT</p> <p>CEILING MOUNTED SPACE SMOKE DETECTOR F = MOUNTED UNDER RAISED FLOOR</p> <p>COMBINATION FIRE ALARM HORN AND STROBE LIGHT UNIT FLUSH WALL MOUNTED</p> <p>COMBINATION FIRE ALARM SPEAKER AND STROBE LIGHT UNIT FLUSH WALL MOUNTED</p> <p>FLUSH WALL MOUNTED STROBE LIGHT UNIT</p> <p>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</p> <p>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</p> <p>TELEVISION OUTLET LOCATION WITH 3/4" CONDUIT TERMINATED IN A 90 DEG. BEND 6" INTO NEAREST ACCESSIBLE CEILING</p>
---	--

SINGLE LINE DIAGRAM SYMBOLS

<p></p> <p>PANEL NL3A2 </p>	<p>480V 500KVA 120/208</p> <p>POWER TRANSFORMER VOLTAGES, WINDINGS AND SIZE AS INDICATED</p> <p>PANELBOARD</p>
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ABBREVIATIONS

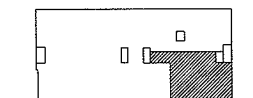
(NOT ALL ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT)

+	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

LANDMARK HEALTHCARE FACILITIES, LLC

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Key Plan



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AKF PROJ. NO. P060106-F

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Sheet

Electrical Cover Sheet

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine
Retina Center
of Maine

Suite 480

Date

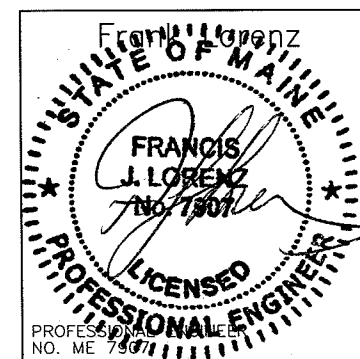
January 11, 2008

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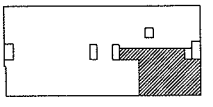

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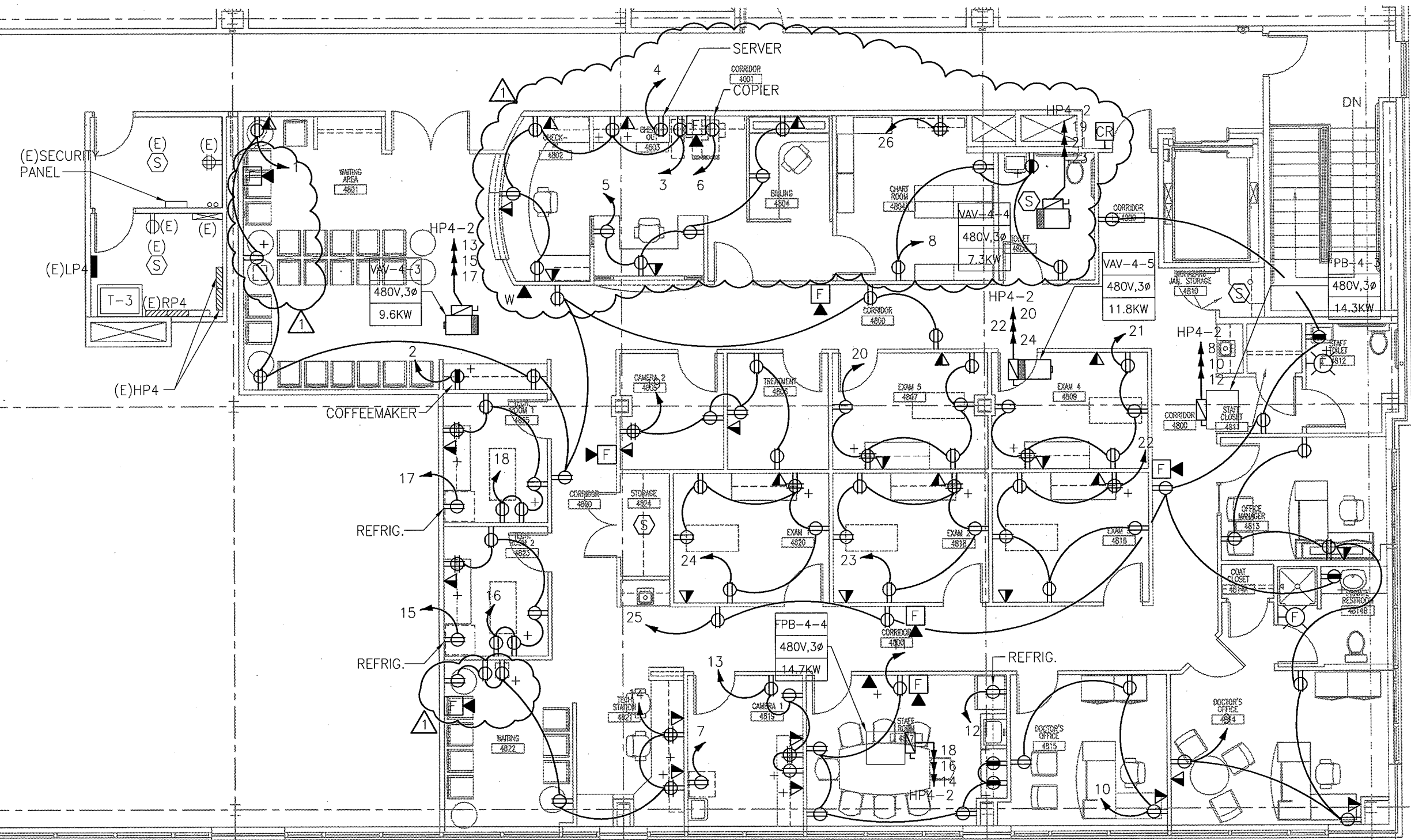
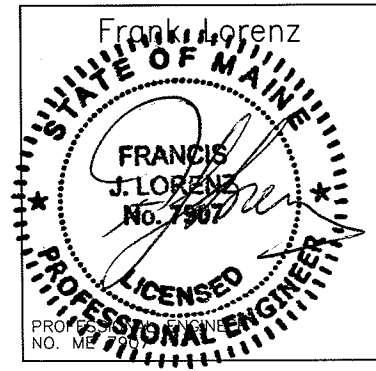
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Sheet
**Electrical
Floor Plan
Power**

Project
**MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine
Retina Center
of Maine**
 Suite 480
 Date
January 11, 2008
 Project No.
F07-5256.02
 Sheet No.
E-2.0



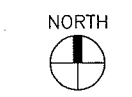
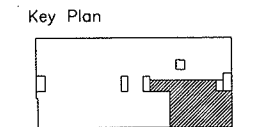
DRAWING NOTES:

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING HEIGHTS OF OUTLETS.
2. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
3. ALL CIRCUITS ARE TO (E)PANEL RP4 SECTION 2 UNLESS OTHERWISE NOTED.
4. REFER TO E-6.0, DETAIL 1 FOR TYPICAL SINGLE DOOR CARD READER CONFIGURATION.

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

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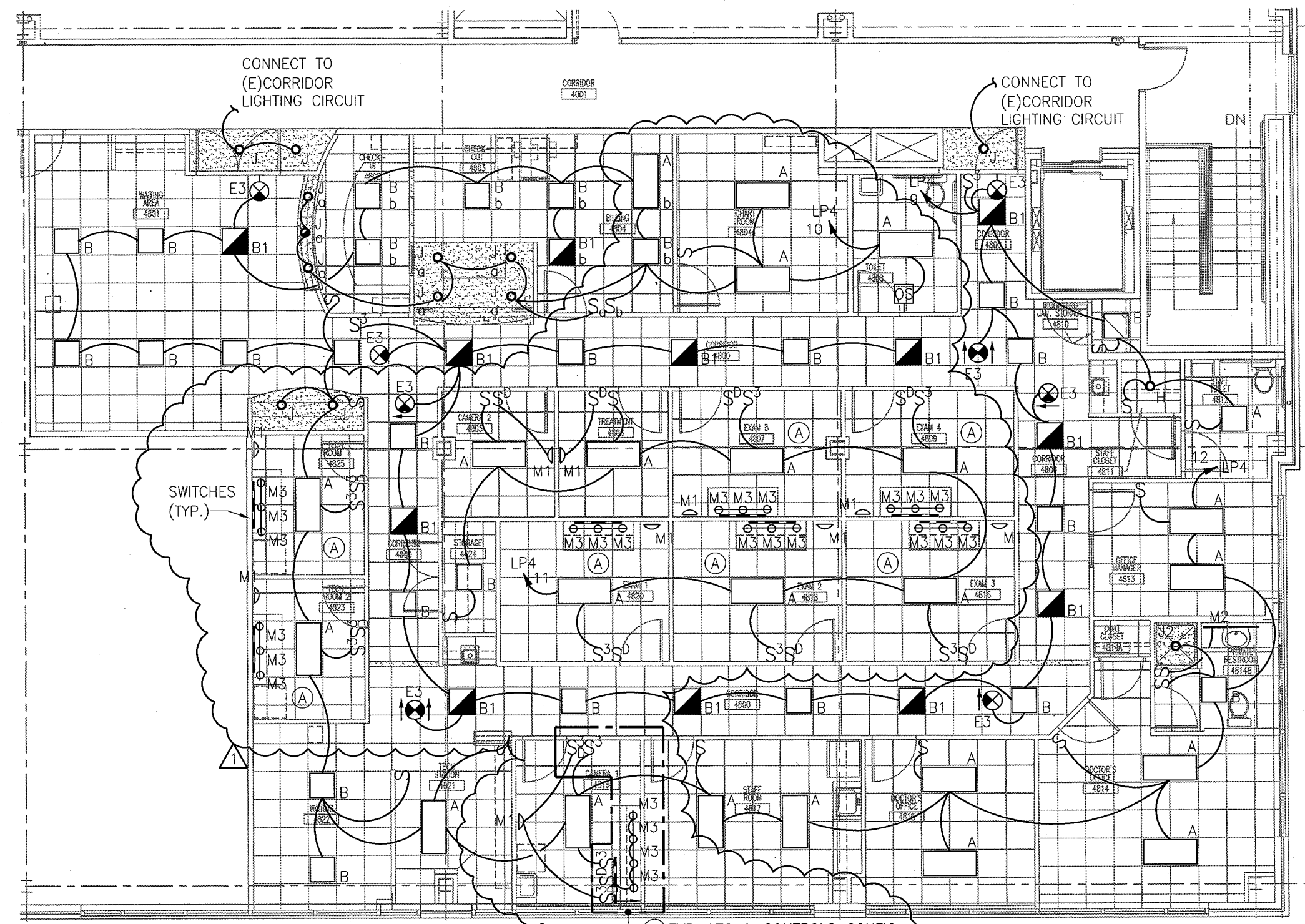
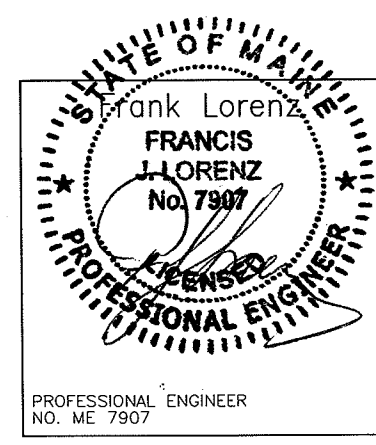
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**Electrical
 Floor Plan
 Lighting**

Project
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January 11, 2008
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E3.0



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

- DRAWING NOTES:**
- CONNECT FIXTURE TYPES "M1", "M2" AND "M3" TO NEAREST 120V CIRCUIT SERVING THIS LOCATION. REFER TO DRAWING E-2.0.
 - PROVIDE FIXTURE TYPE "M3" WITH 24V TRANSFORMER.

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PANEL: (E)RP4 SECTION 2				208 / 120 VOLTS, 3 PHASE				4 WIRE				MAIN BUS: 225 AMPS NEUTRAL: 100%					
LOCATION: ELECTRICAL CLOSET 4TH FL				MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH				MAIN LUGS ONLY <input type="checkbox"/>				MAIN BKR: _____ AMPS					
BUILDING: _____				BUS: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM				PROVIDE WITH FEED-THRU LUGS <input type="checkbox"/>				AIC: 10000 AMPS					
FED FROM: SEE SINGLE LINE DIAGRAM				GROUND BUS: _____				ISOL.GND. BUS: _____				* SHUNT TRIP BRKR.					
FEEDER SIZE: SEE SINGLE LINE DIAGRAM				ISOL.GND. BUS: _____													
CKT #	TRIP / POLE	DESCRIPTION OF LOAD	WIRE & COND SIZE	LOAD (VA)	PER PHASE (VA)			LOAD (VA)	WIRE & COND SIZE	DESCRIPTION OF LOAD	TRIP / POLE	CKT #					
					A	B	C										
1	20/1	WAITING AREA RECEPS 4801	2A	1440	2640			1200	2A	COFFEE MAKER RM 4801	20/1	2					
3	20/1	CHECK IN RECEPS 4802	2A	900		1400		500	2A	SERVER RECEPTACLE	20/1	4					
5	20/1	CHECK OUT & BILLING 4803/4	2A	900		2100		1200	2A	COSMETIC RM 4803	20/1	6					
7	20/1	DEDICATED RECEP 4819	2A	500	1220			720	2A	CHART & TOILET 4804A, 4808	20/1	8					
9	20/1	OFFICE RECEPS 4814, 4813	2A	1080		1620		540	2A	DOCTOR OFFICE RECEPS 4815	20/1	10					
11	20/1	STAFF ROOM RECEPS 4817	2A	1080			2080	1000	2A	REFRIG. RM 4817	20/1	12					
13	20/1	CAMERA RM RECEPS 4819	2A	940	2380			1440	2A	WAITING & TECH 4821, 4822	20/1	14					
15	20/1	REFRIG. TECH RM 4823	2A	1000		2120		1120	2A	TECH RM RECEPS 4823	20/1	16					
17	20/1	REFRIG. TECH RM 4825	2A	1000			2120	1120	2A	TECH RM RECEPS 4825	20/1	18					
19	20/1	CAMERA & TREAT 4805, 4806	2A	1160	2280			1120	2A	EXAM RM RECEPS 4807	20/1	20					
21	20/1	EXAM RM RECEPS 4809	2A	1120		2240		1120	2A	EXAM RM RECEPS 4816	20/1	22					
23	20/1	EXAM RM RECEPS 4818	2A	1120			2240	1120	2A	EXAM RM RECEPS 4820	20/1	24					
25	20/1	GENERAL RECEPS CORR 4800	2A	1260	1620			360	2A	TELECOM QUAD 4808	20/1	26					
27		SPARE	-	0		0		0	-	SPARE		28					
29		SPARE	-	0		0		0	-	SPARE		30					
31		SPARE	-	0	0			0	-	SPARE		32					
33		SPARE	-	0		0		0	-	SPARE		34					
35		SPARE	-	0		0		0	-	SPARE		36					
37		SPARE	-	0	0			0	-	SPARE		38					
39		SPARE	-	0		0		0	-	SPARE		40					
41		SPARE	-	0		0		0	-	SPARE		42					
TOTAL BY PHASE				10140	7380	8540	SPARE = 0%										
TOTAL CONNECTED LOAD =				26060	VA				TOTAL DEMAND LOAD =				18330	VA			
TOTAL CONNECTED AMPS =				72	AMPS				TOTAL DEMAND AMPS =				51	AMPS			

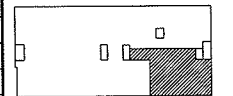
PANEL: (E)LP4				480 / 277 VOLTS, 3 PHASE				4 WIRE				MAIN BUS: _____ AMPS NEUTRAL: 100%					
LOCATION: ELECTRICAL CLOSET 4TH FL				MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH				MAIN LUGS ONLY <input type="checkbox"/>				MAIN BKR: 225 AMPS					
BUILDING: _____				BUS: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM				PROVIDE WITH FEED-THRU LUGS <input type="checkbox"/>				AIC: 35000 AMPS					
FED FROM: SEE SINGLE LINE DIAGRAM				GROUND BUS: _____				ISOL.GND. BUS: _____				* SHUNT TRIP BRKR.					
FEEDER SIZE: SEE SINGLE LINE DIAGRAM				ISOL.GND. BUS: _____													
CKT #	TRIP / POLE	DESCRIPTION OF LOAD	WIRE & COND SIZE	LOAD (VA)	PER PHASE (VA)			LOAD (VA)	WIRE & COND SIZE	DESCRIPTION OF LOAD	TRIP / POLE	CKT #					
					A	B	C										
1	20/1	RECORRIDOR LIGHTING	2A	1124	1875			751	2A	EMERGENCY LIGHTING	20/1	2					
3	20/1	REBALL ABOUT WOMEN STE LIGHTING	2A	2560		4288		1728	2A	REBALL ABOUT WOMEN STE LIGHTING	20/1	4					
5	20/1	REBALL ABOUT WOMEN STE LIGHTING	2A	2116			3790	1674	2A	REBALL ABOUT WOMEN STE LIGHTING	20/1	6					
7	20/1	REBALL ABOUT WOMEN STE LIGHTING	2A	1144	3152			2008	2A	REBALL ABOUT WOMEN STE LIGHTING	20/1	8					
9	20/1	RETINA CENTER SUITE LIGHTING	2A	1693		3500		1907	2A	RETINA CENTER SUITE LIGHTING	20/1	10					
11	20/1	RETINA CENTER SUITE LIGHTING	2A	1015			2938	1923	2A	RETINA CENTER SUITE LIGHTING	20/1	12					
13		SPARE	-	0	0			0	-	SPARE		14					
15		SPARE	-	0		0		0	-	SPARE		16					
17		SPARE	-	0		0		0	-	SPARE		18					
19		SPARE	-	0	0			0	-	SPARE		20					
21		SPARE	-	0		0		0	-	SPARE		22					
23		SPARE	-	0		0		0	-	SPARE		24					
25		SPARE	-	0	0			0	-	SPARE		26					
27		SPARE	-	0		0		0	-	SPARE		28					
29		SPARE	-	0		0		0	-	SPARE		30					
31		SPARE	-	0	0			0	-	SPARE		32					
33		SPARE	-	0		0		0	-	SPARE		34					
35		SPARE	-	0		0		0	-	SPARE		36					
37		SPARE	-	0	0			0	-	SPARE		38					
39		SPARE	-	0		0		0	-	SPARE		40					
41		SPARE	-	0		0		0	-	SPARE		42					
TOTAL BY PHASE				5027	7888	6728	SPARE = 0%										
TOTAL CONNECTED LOAD =				19643	VA				TOTAL DEMAND LOAD =				24554	VA			
TOTAL CONNECTED AMPS =				24	AMPS				TOTAL DEMAND AMPS =				30	AMPS			

PANEL: (E)HP4 SECTION 2				480 / 277 VOLTS, 3 PHASE				4 WIRE				MAIN BUS: 225 AMPS NEUTRAL: 100%					
LOCATION: ELECTRICAL CLOSET 1ST FLR				MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH				MAIN LUGS ONLY <input type="checkbox"/>				MAIN BKR: _____ AMPS					
BUILDING: _____				BUS: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM				PROVIDE WITH FEED-THRU LUGS <input type="checkbox"/>				AIC: 35000 AMPS					
FED FROM: SEE SINGLE LINE DIAGRAM				GROUND BUS: _____				ISOL.GND. BUS: _____				* SHUNT TRIP BRKR.					
FEEDER SIZE: SEE SINGLE LINE DIAGRAM				ISOL.GND. BUS: _____													
CKT #	TRIP / POLE	DESCRIPTION OF LOAD	WIRE & COND SIZE	LOAD (VA)	PER PHASE (VA)			LOAD (VA)	WIRE & COND SIZE	DESCRIPTION OF LOAD	TRIP / POLE	CKT #					
					A	B	C										
1	20/3	VAV	2B	3200	7433			4233	2B	FPB	20/3	2					
3				3200		7433		4233				4					
5				3200			7433	4233				6					
7	20/3	FPB	2B	3366	8132			4766	3B	FPB-4-3	30/3	8					
9				3366		8132		4766				10					
11				3366			8132	4766				12					
13	30/3	VAV-4-3	3B	3200	8100			4900	3B	FPB-4-4	30/3	14					
15				3200		8100		4900				16					
17				3200			8100	4900				18					
19	20/3	VAV-4-4	2B	2433	6366			3933	2B	VAV-4-5	20/3	20					
21				2433		6366		3933				22					
23				2433			6366	3933				24					
25				0	0			0				26					
27				0		0		0				28					
29				0			0	0				30					
31				0	0			0				32					
33				0		0		0				34					
35				0			0	0				36					
37				0	0			0				38					
39				0		0		0				40					
41				0			0	0				42					
TOTAL BY PHASE				30031	30031	30031	SPARE = 0%										
TOTAL CONNECTED LOAD =				90093	VA				TOTAL DEMAND LOAD =				90093	VA			
TOTAL CONNECTED AMPS =				108	AMPS				TOTAL DEMAND AMPS =				108	AMPS			

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Electrical Schedules

Project

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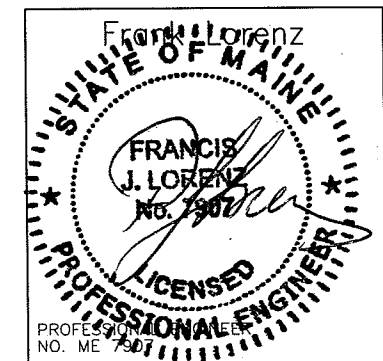
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LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS		FIXTURE WATTS	VOLTS	MOUNTING
				NO.	TYPE			
A	2' X 4' FLUORESCENT LIGHT WITH PRISMATIC ACRYLIC LENS WITH AIR RETURN	METALUX LITHONIA	HRD2GCAV432A-EB81 2SPG4D32RWA12-1/4GEBAPB	4	32W T8	128	277	RECESSED
A1	FLUORESCENT LIGHT FIXTURE SHALL BE SIMILAR TO FIXTURE A, WITH BATTERY POWER EMERGENCY BACK-UP BALLAST AND AIR RETURN	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
B1	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
E3	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
H	COMPACT FLUORESCENT LIGHT FIXTURE WITH 1 LAMP FOR STORAGE CLOSETS LESS THAN 50 S.F. SHALL BE FLAT ALBALITE LENS RECESSED FIXTURE WITH ELECTRONIC BALLAST	HALO	H801-277-800P	1	28W DTT	30	277	RECESSED
J	COMPACT FLUORESCENT RECESSED DOWNLIGHT FIXTURE, SHALL BE 7-1/2" DIAMETER OPEN APERTURE WITH CLEAR ALZAK REFLECTOR	PORTFOLIO LITHONIA	C72181H7280LI AF218TRT6AR	2	18W DTT	38	277	RECESSED
J1	COMPACT FLUORESCENT RECESSED DOWNLIGHT FIXTURE, SHALL BE 7-1/2" DIAMETER OPEN APERTURE WITH CLEAR ALZAK REFLECTOR AND POWER EMERGENCY BACK-UP BALLAST	PORTFOLIO LITHONIA	C72181H7280LI AF218TRT6AR	2	18W DTT	38	277	RECESSED
J2	6" DIAMETER RECESSED COMPACT FLUORESCENT DOWNLIGHT, WET LOCATION RATED	PORTFOLIO LITHONIA	C6118E6281L11WF LGF1/18DTT6RWFFL277	1	18W DTT	20	277	RECESSED
M1	12" DECORATIVE WALL SCONCE WITH BRUSHED NICKEL FINISH AND ETCHED GLASS	MINKA LAVERY	24552	2	18W QUAD	40	120	SURFACE
M2	19" WIDE DECORATIVE BATHROOM FIXTURE WITH BRUSHED STEEL FINISH	SUSSEX	45536	2	60W INCANDESCENT	120	120	SURFACE
M3	4" DIAMETER, LOW VOLTAGE TASK LIGHT WITH BLACK FINISH AND 24V TRANSFORMER	SEAGULL LIGHTING	9858-12	1	18W HALOGEN	18	24	SURFACE

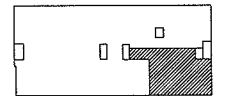
NOTES:

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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**Electrical
Schedules**

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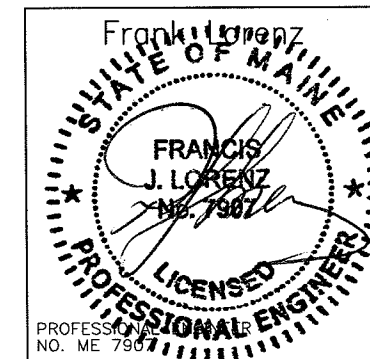
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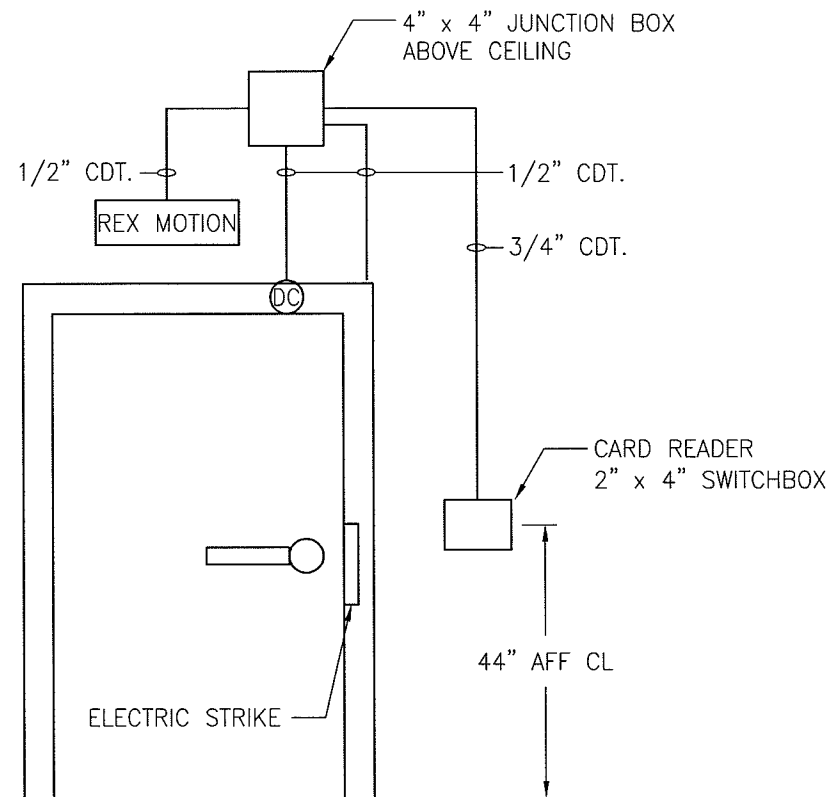
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1 TYPICAL SINGLE DOOR DETAIL
SCALE: N.T.S.

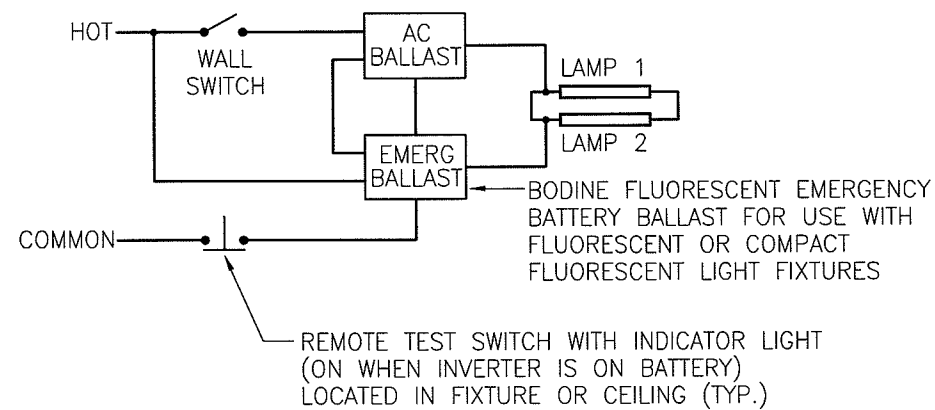
WIRE & CONDUIT SIZING SCHEDULE						
AMPS	TAGS	WIRE SIZE (AWG/KCMIL)		No. OF WIRES AND CONDUIT SIZE (IN INCHES)		
		CONDUCTOR PHASE AND NEUTRAL	GROUND	A 1PH, 2W+G	B 3PH, 3W+G	C 3PH, 4W+G
15	1	14	14	3/4	3/4	3/4
20	2	12	12	3/4	3/4	3/4
30	3	10	10	3/4	3/4	3/4
40	4	8	10	3/4	3/4	3/4
50	5	6	10	3/4	1	1
60	6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

NOTE:
1. THE ABOVE SCHEDULE IS BASED ON 600 VOLT WIRE TYPE THWN/XHHW AND EMT/RGS CONDUIT

(2B) NUMBER INDICATES FEEDER SIZE IN AMPS AND WIRE
LETTER INDICATES CONDUIT SIZE AND NUMBER OF WIRES

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.

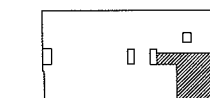


2 NORMAL/EMERGENCY WIRING SCHEMATIC
SCALE: N.T.S.

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**Electrical
Details**

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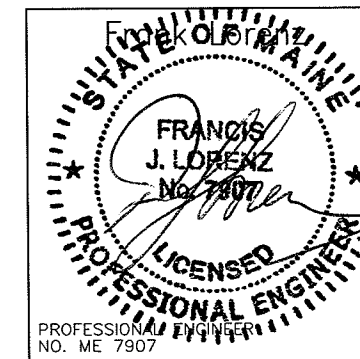
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













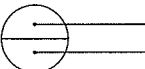
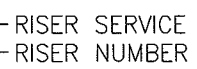


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PLUMBING BASIC SYMBOLS

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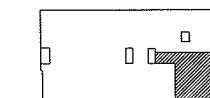
	EXISTING PIPING
	NEW SOIL, WASTE OR SANITARY PIPING
	VENT PIPING (SANITARY)
	PIPING BELOW SLAB
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING (120')
	DOMESTIC HOT WATER CIRCULATION PIPING
	DISCONNECT FROM EXISTING
	CONNECT TO EXISTING
	CLEAN OUT/PLUGGED OUTLET
	CAPPED OUTLET
	CLEAN-OUT DECK PLATE
	P-TRAP
	VACUUM BREAKER
	BOTTOM PIPE CONNECTION
	TOP PIPE CONNECTION
	PIPE DOWN/DROP
	PIPE RISE/UP
	TRAP
<u>EXIST.</u> <u>NEW</u>	
	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

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**Plumbing
Cover Sheet**

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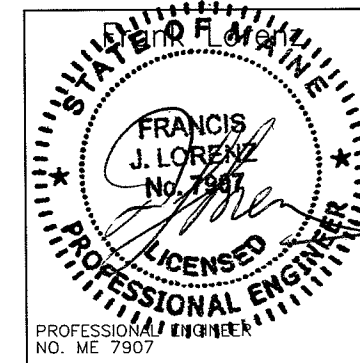
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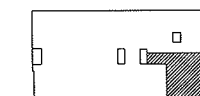
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PLUMBING GENERAL NOTES

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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**Plumbing
General Notes**

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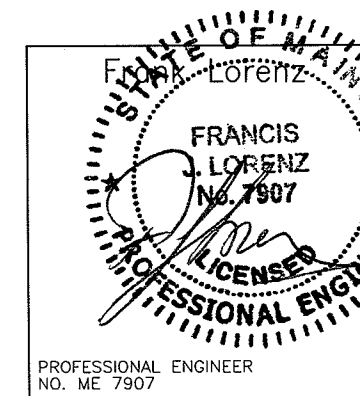
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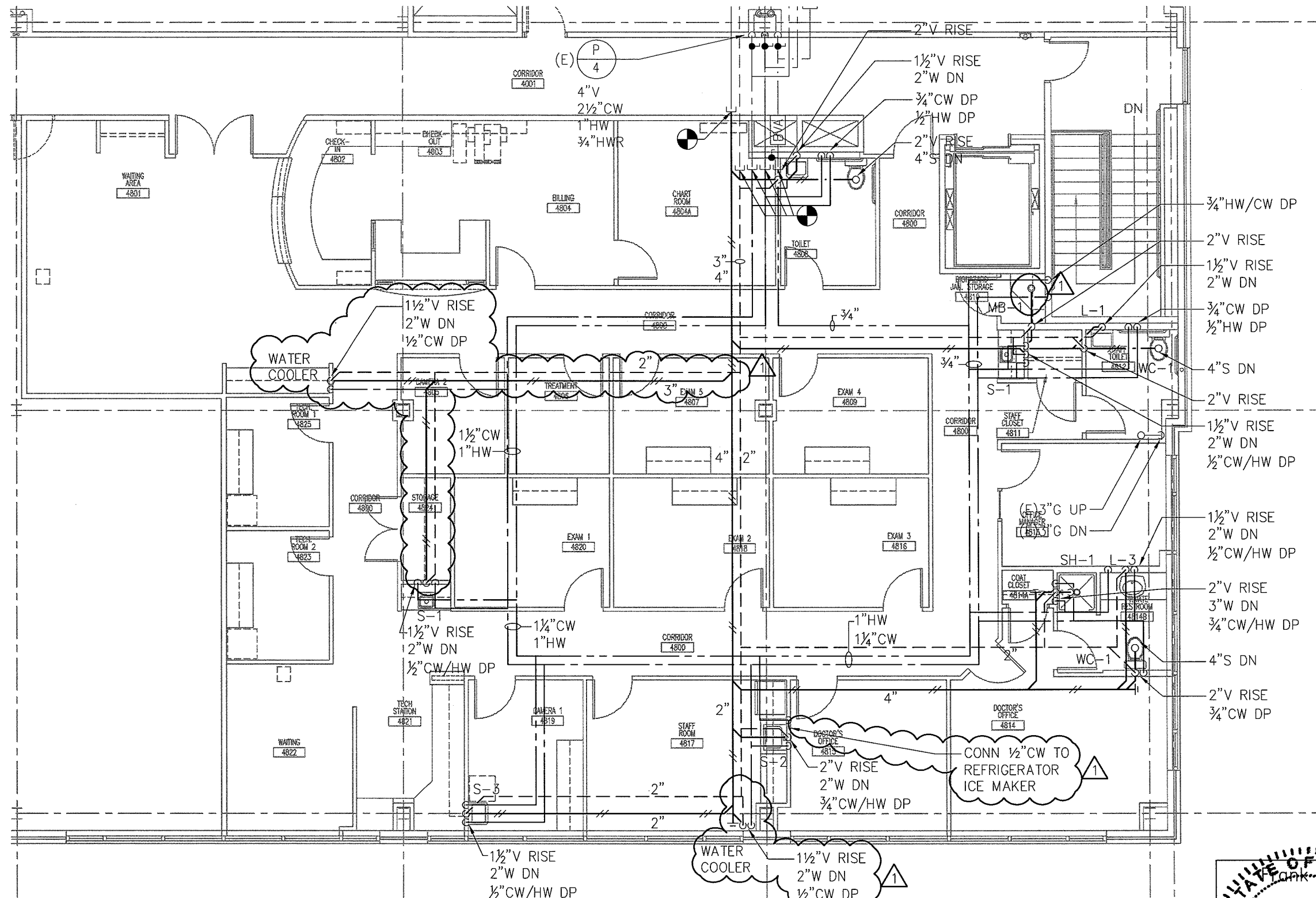
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PROFESSIONAL ENGINEER
NO. ME 7907

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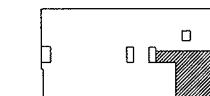


1 FLOOR PLAN
SCALE: 1/8"=1'-0"

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**Plumbing
Floor Plan**

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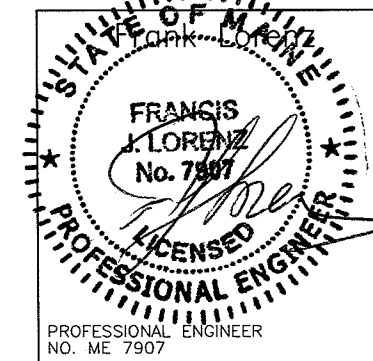
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F07-5256.02

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P-2.0



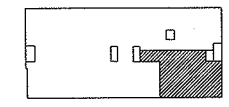
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PLUMBING FIXTURE SCHEDULE

FIXTURES	FIXTURE #				SERVICE CONNECTION					MANUFACTURER AND EQUIPMENT	MODEL NO.	REMARKS
	WC-1				S	W	V	CW	HW			
WATER CLOSET	WC-1				S	W	V	CW	HW			
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									
PUBLIC	•					1 1/2"	1 1/2"	1/2"	1/2"	SK: ELJER FAUCET: SYMMONS DRAIN: ELJER	051-2181 S-6110 POP-UP	FURNISH OFFSET TRAP, VALVE STOPS, RISERS AND INSULATION KIT.
PRIVATE		•				1 1/2"	1 1/2"	1/2"	1/2"	SK: ELJER FAUCET: SYMMONS DRAIN: ELJER	051-3000-001BW S-6110 803-0530	FURNISH OFFSET TRAP, VALVE STOPS, RISERS AND INSULATION KIT.
SLOP SINKS	MB-1											
SLOP SINK	•					3"	1 1/2"	3/4"	3/4"	SK: ELJER FRONT RIM GUARD FAUCET: CHICAGO TRAP STANDARD: CHICAGO FAUCET	241-0310 805-0240 540-LD897SWXFCP 804-1060	
SINKS	S-1	S-2	S-3									
EXAM	•					2"	1 1/2"	3/4"	3/4"	SK: ELKAY FAUCET: SYMMONS DRAIN: ELKAY	BCR-15 S-6110 LK36	
PANTRY		•				2"	1 1/2"	3/4"	3/4"	SK: ELKAY FAUCET: ELKAY DRAIN: ELKAY HOT WATER DISPENSER: INSINKERATOR	CR-3321 LK4380FCR (2)LK35L HOT1	FURNISH OFFSET TRAP, VALVE STOPS, RISERS AND INSULATION KIT.
LABORATORY			•			2"	1 1/2"	3/4"	3/4"	SK: ELKAY FAUCET: ELKAY DRAIN: ELKAY	CR-2521 LK411ABH4 LK35	
SHOWER	SH-1											
SHOWER	•					2"	1 1/2"	3/4"	3/4"	SHOWER HEAD: SYMMONS SHOWER DRAIN: OATEY	1-2100VT 130 SERIES	

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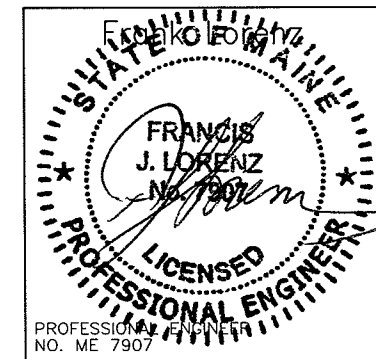
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**Plumbing
 Schedules**

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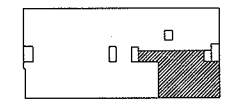
- NOTES:**
1. THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES SHALL BE AS PER THE ARCHITECTURAL DRAWINGS.
 2. ALL SINKS AND LAVATORIES THAT ARE HANDICAPPED ACCESSIBLE SHALL BE PROVIDED WITH THERMAL AND IMPACT INSULATION/SHIELDING KITS ON SUPPLIES, TRAPS, TAILPIECES AND WASTE OUTLETS.

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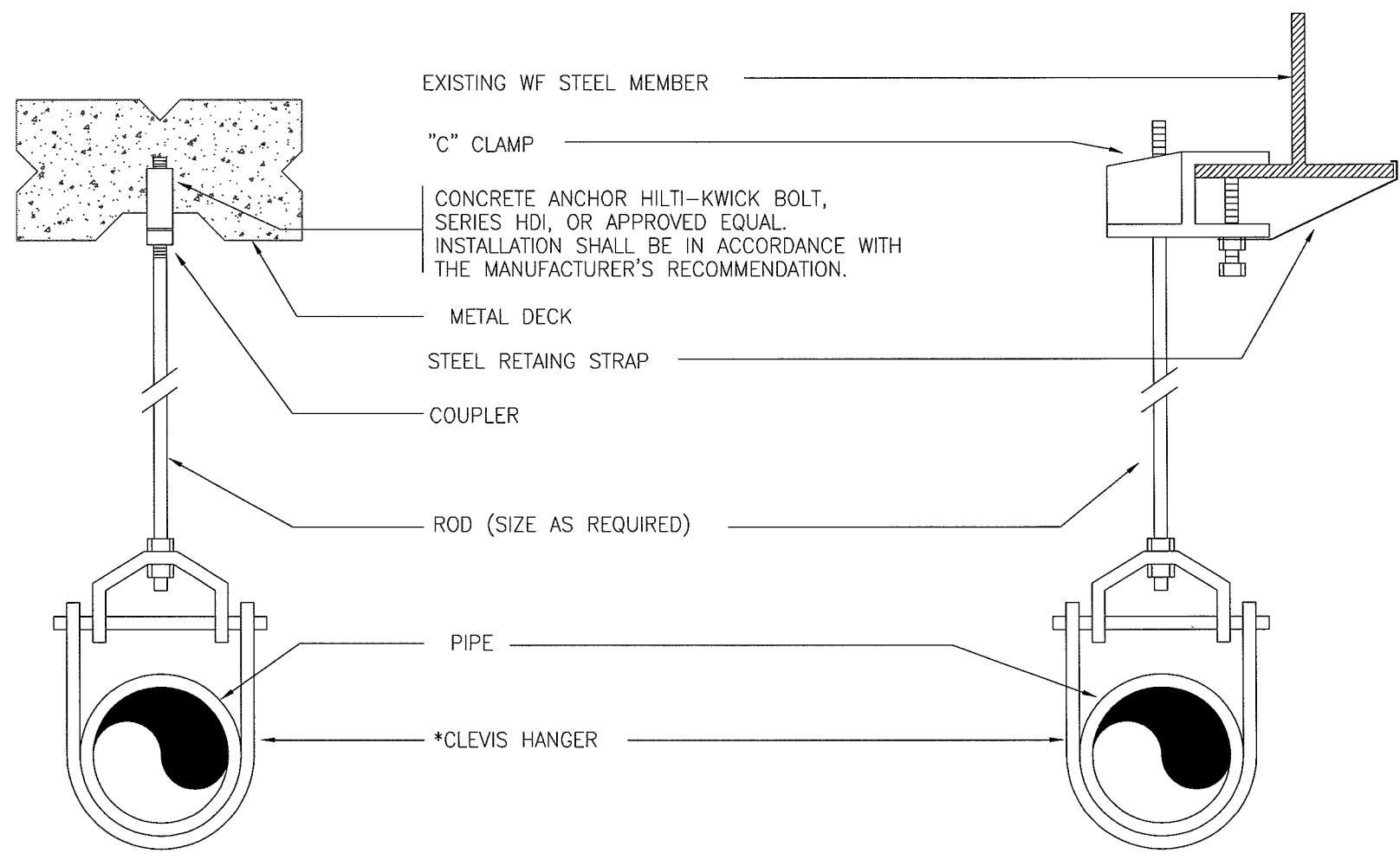
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* CLEVIS HANGERS REQUIRED ON PIPING LARGER 1".
GENERAL PURPOSE HANGERS MAY BE USED ON PIPING 1" OR SMALLER.

TYPICAL HANGER DETAIL

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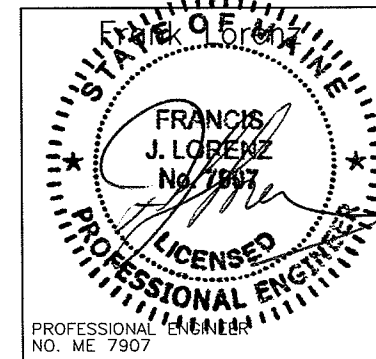
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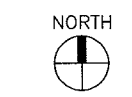
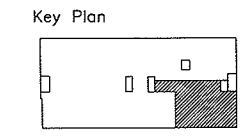
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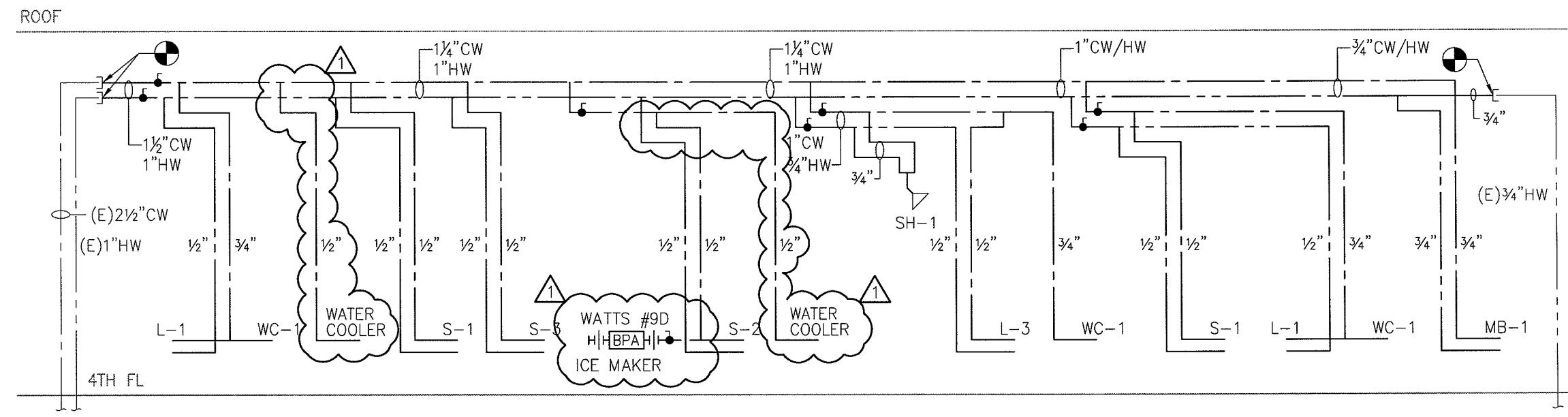
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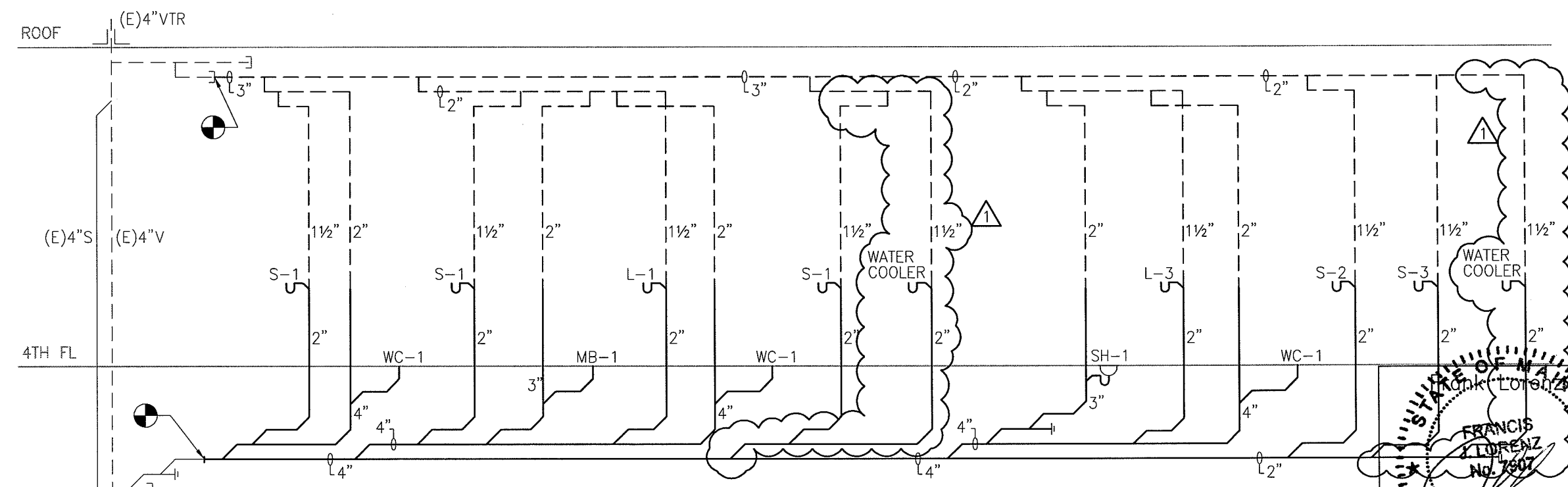
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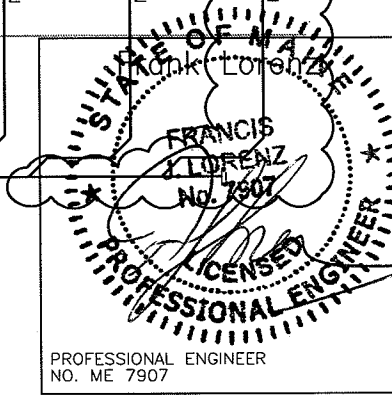
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 1 REVISION # 2 04.04.2008



1 DOMESTIC WATER RISER DIAGRAM
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2 SANITARY RISER DIAGRAM
SCALE: NTS



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**Plumbing
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FIRE PROTECTION SYMBOLS

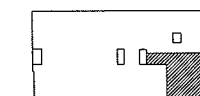
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	EXISTING PIPING
	NEW PIPING
	EXISTING PIPING TO BE REMOVED
	EXISTING SPRINKLER HEAD
	EXISTING SPRINKLER HEAD TO BE REMOVED
	NEW CONCEALED SPRINKLER HEAD
	NEW PENDENT SPRINKLER HEAD
	NEW UPRIGHT SPRINKLER HEAD
	NEW SIDE WALL SPRINKLER HEAD
	EXTEND 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
FHV	FIRE HOSE VALVE
FSP	FIRE STANDPIPE
SPKR	SPRINKLER
U.O.N.	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 EACH 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.

Key Plan



NORTH



Revisions

AKF
engineers

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AKF PROJ. NO. P060106-F

ARLINGTON - BOSTON - NEW YORK - PHILADELPHIA
PRINCETON - STAMFORD - WASHINGTON

Sheet

**Fire Protection
Cover Sheet**

Project

MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine
Retina Center
of Maine

Suite 480

Date

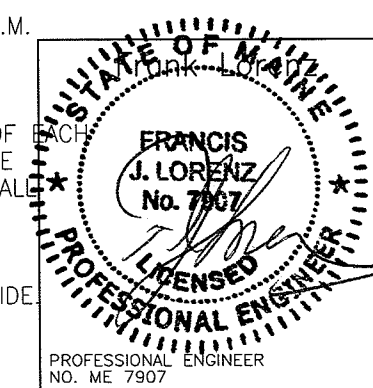
January 11, 2008

Project No.

F07-5256.02

Sheet No.

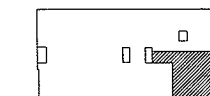
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**LANDMARK
HEALTHCARE
FACILITIES, LLC**

839 North Jefferson Street
Milwaukee, Wisconsin 53202
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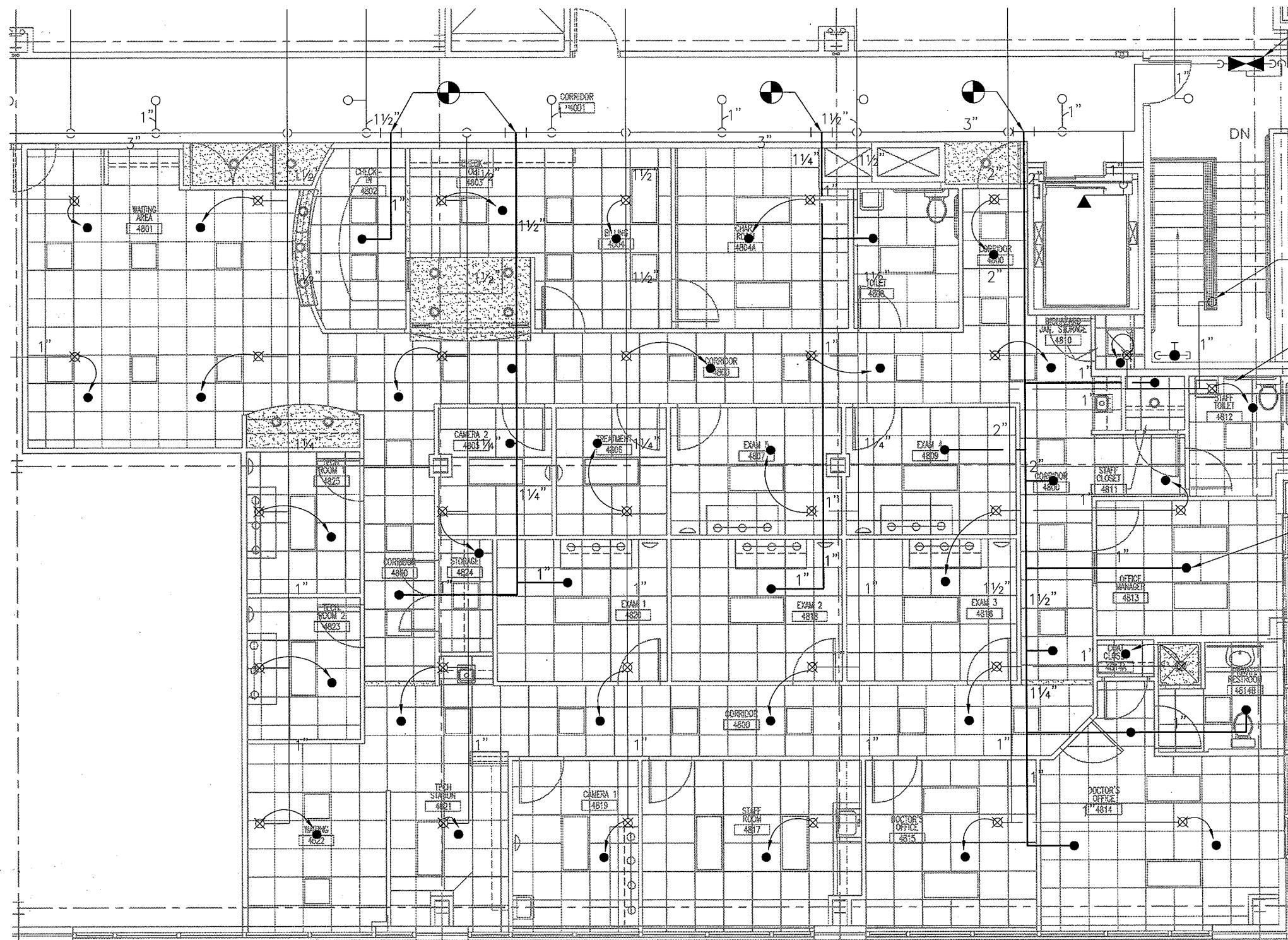
Key Plan



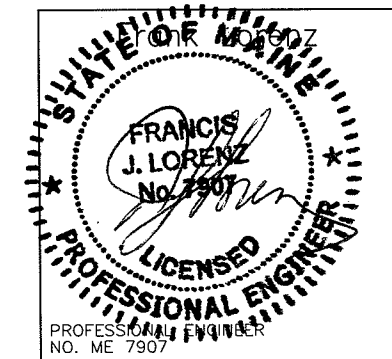
NORTH



Revisions



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



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Sheet
**Fire Protection
Floor Plan**

Project
**MERCY HOSPITAL
Medical Office Bldg.
Portland, Maine
Retina Center
of Maine**

Suite 480
Date
January 11, 2008

Project No.
F07-5256.02

Sheet No.
FP-2.0

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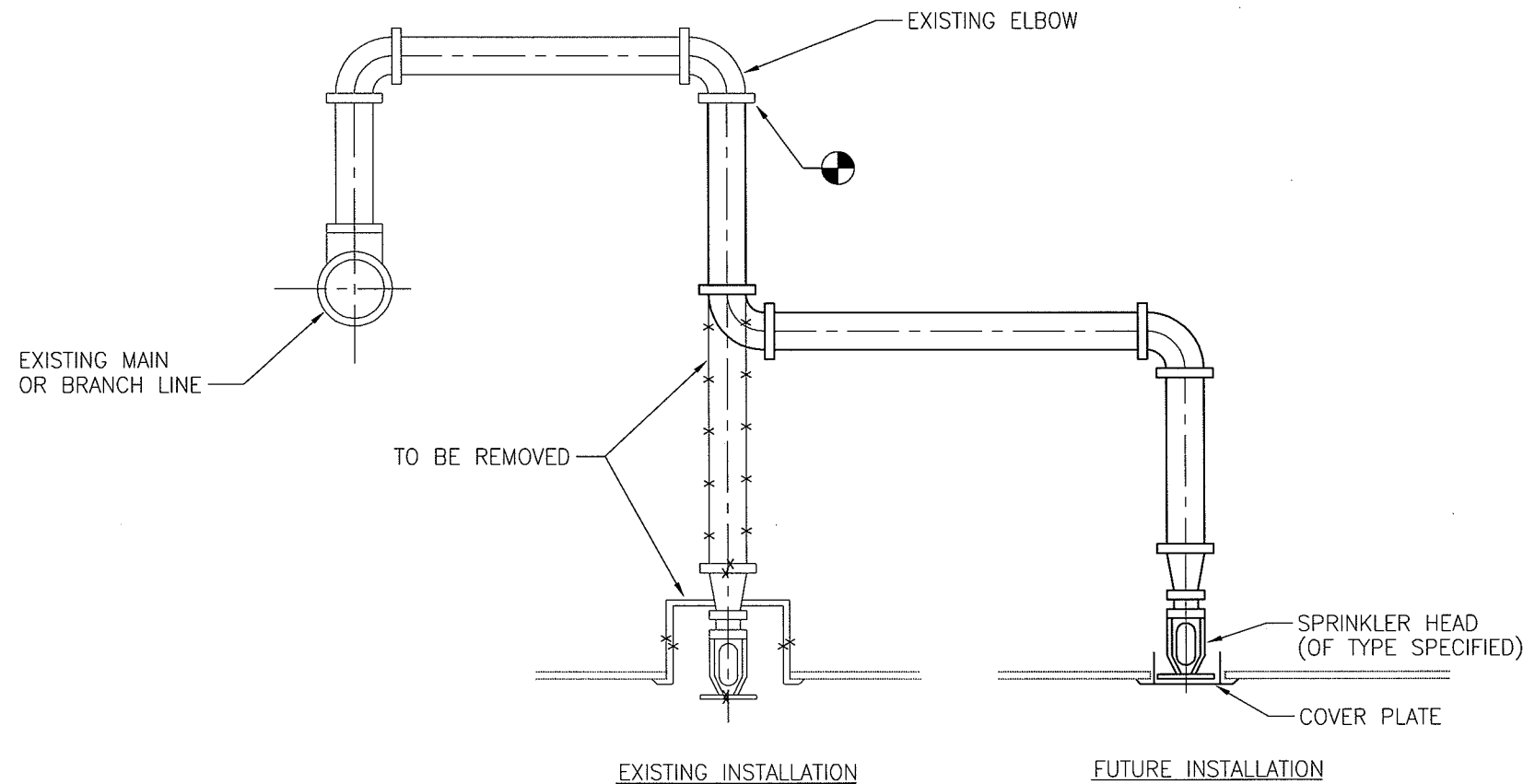
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SPRINKLER HEAD SCHEDULE

TYPE	DESIGNATION	UPRIGHT	PENDENT	FLUSH PLATE SPKR.	RECESSED	SIDEWALL (CHROME FINISH)	SIDEWALL (NATURAL BRONZE FINISH)	FLUSH PENDENT	DRY	QUICK RESPONSE	EXTENDED COVERAGE	EXIST SPR HD TO BE REMOVED/RELOCATED	EXIST SPRINKLER HD	MANUFACTURER					REMARKS
														CENTRAL	RELIABLE	GRINNELL	STAR	VIKING	
														MODEL NUMBER					
	○												●						
	⊗											●							
	●			●						●						F4FR		K=5.6, 1/2" ORIFICE 165°F RATING	

NOTES:

1. PROVIDE ESCUTCHEONS WHEN PENETRATING EXPOSED WALL.
2. COLOR SELECTION BY ARCHITECT.

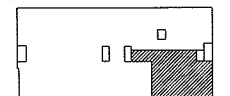


TYPICAL SPRINKLER RELOCATION

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Key Plan



Revisions

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Sheet

Fire Protection Schedules And Details

Project

MERCY HOSPITAL
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January 11, 2008

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FP-3.0

