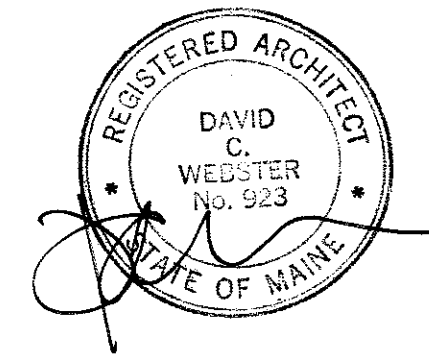


53 Sewall Street,  
Portland, ME  
04102

# E. M. G. - PHASE 1 RENOVATION

## PHASE 1 - PERMIT SET - ISSUED JANUARY 17, 2013

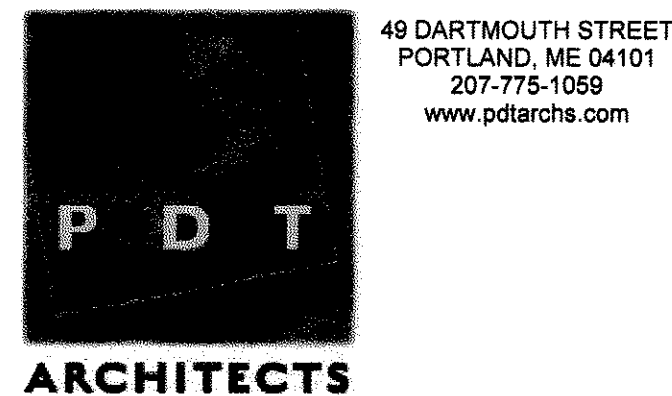
PDT Project No.  
12084



OWNER:

EYECARE MEDICAL GROUP

ARCHITECT:



CONSULTANTS:

STRUCTURAL  
Allied Engineering, Inc.  
160 Veranda Street  
Portland, Maine 04103

CIVIL ENGINEERING  
DeLuca-Hoffman Associates, Inc.  
778 Maine Street Suite 8  
South Portland, Maine 04106

MECHANICAL, ELECTRICAL, AND PLUMBING  
Allied Engineering, Inc.  
160 Veranda Street  
Portland, Maine 04103

SPECIFICATIONS  
Lowell Specifications, Inc.  
50 Fernald Road  
Freeport, Maine 04032

SHEET INDEX-PHASE 1	
SHEET NUMBER	SHEET NAME
<b>Architectural</b>	
A0	COVER SHEET
D1	DEMOLITION PLAN
A1	FLOOR PLAN
A2	REFLECTED CEILING PLAN
A3	FURNITURE AND EQUIPMENT PLAN
A4	INTERIOR ELEVATIONS
A5	DETAILS
A6	DETAILS
A7	DETAILS, DOOR & FIN. SCHEDULE
<b>STRUCTURAL</b>	
SF1	STRUCTURAL PARTITION SUPPORT PLAN
<b>MECHANICAL</b>	
MD1	MECHANICAL DEMOLITION PLAN
MH1	MECHANICAL DUCTWORK PLAN
MH5	MECHANICAL SCHEDULES, DETAILS AND NOTES
MP1	MECHANICAL PIPING PLAN
<b>PLUMBING</b>	
PL0	PLUMBING AND HVAC ABBREVIATIONS AND LEGENDS
PD1	PLUMBING DEMOLITION PLAN
PL1	PLUMBING SANITARY PIPING PLAN
PL2	PLUMBING DOMESTIC PIPING PLAN
<b>ELECTRICAL</b>	
ED	ELECTRICAL LEGENDS, ABBREVIATIONS AND GENERAL NOTES
ED	AREA C ELECTRICAL DEMOLITION PLAN
E1	OVERALL ELECTRICAL PLAN
E2	AREA C LIGHTING
E3	AREA C POWER AND SYSTEMS PLAN
E4	EXISTING MEZZANINE PLAN and ELECTRICAL DETAILS

**PROJECT GENERAL NOTES**

- These notes are intended for general reference and information and to augment the Contract and Specification information provided under separate cover. Refer to those Specifications for detailed information and requirements.
- All Work included in this Contract shall conform to all national, state, and local Codes, Ordinances and Agency requirements including, but not limited to: hazardous material removal, solid waste disposal, seismic design, and life-safety.
- Definitions:**
  - New:** May be used to indicate items which shall be furnished and installed by this Contract. Typically used to ensure clarity between various components of the drawings. Not all items are labeled as "new" when it is obvious by other indication.
  - Existing:** Existing building or site components which are in place at the start of Construction. Not all items are labeled as "existing" when it is obvious by other indication. Consult the Architect for clarification.
  - Repair:** Restore to proper operating and aesthetic condition.
  - Restore:** Bring back to former condition, by repairing or patching as required.
  - Patch:** Restore to condition matching existing adjacent construction, surface texture and finish. After removal of building components as indicated, patch and prepare the remaining existing exposed surfaces to receive new work and finish, including but not limited to: level floors at wall removals; tooth-in new CMU at openings; piece-in new plaster backing and finish flush; piece in new ceiling suspension system.
  - N.I.C. (Not In Contract):** Work which is not included in this Contract, but which may require Contractor coordination.
  - Remove:** Dismantle and/or extract from the premises entirely. Dispose of off site unless noted otherwise.
  - Replace:** Dismantle and/or extract from the premises entirely. Dispose of off site unless noted otherwise. Provide new material as indicated.
  - Damages:** Existing building or site components, not scheduled for work, which are damaged. Such elements and components shall be replaced or restored to original condition by methods approved by the Architect.
  - Demolish:** Dismantle and/or extract from the premises entirely. Dispose of off site unless noted otherwise.
  - Salvage:** Remove and reinstall or remove and deliver to the Owner, as indicated. Salvaged components may be for limited reuse, to match existing conditions or to patch and repair as indicated.
- It is the intent of the drawings and specifications to have the Contractor provide a complete, fully operational building. Provide all labor, materials and incidentals necessary to achieve this intent. Failure of the Drawings or Specifications to indicate each incidental shall not relieve the Contractor from providing the necessary items as part of this Contract. The Drawings show the design and layout, describe the quality level and construction techniques in a general sense only. All details are typical. What is shown in one condition applies to all other similar conditions, unless noted otherwise.
- Verify the following items and report any discrepancies to the Architect prior to proceeding with Work, and proceed with the Work only after such discrepancies are resolved by the Architect:
  - Existing conditions
  - The size and location of all existing utilities.
  - Discrepancies between or within the Contract Documents.
  - Unsuitable soils: report the location of all unsuitable soil materials below anticipated levels of footings or slabs prior to setting forms.
  - Mechanical, electrical and plumbing coordination having potential impact on ceiling heights or building appearance
  - Dimensional discrepancies.
- Provide bond-outs, blocking, sleeves and pipes as required for all wall, floor, roof, and ceiling penetrations through structure. Coordinate installation of all structural, mechanical, plumbing and electrical components. Seal all penetrations in fire rated assemblies and smoke assemblies to conform to U.L. rated assemblies and all NFPA and BOCA building Code requirements. All penetrations shall also comply with the acoustical assembly rating required for each wall or floor assembly. Refer to the Code Plans for specific Code references.
- Mechanical, electrical and plumbing coordination: ceiling heights and duct sizes are given. Coordinate the Work to achieve the given visual and performance requirements, and the requirement of including mechanical, electrical and plumbing systems within the indicated space.
- Do not penetrate structural beams, columns, or shear walls unless specifically detailed otherwise.
- Coordinate the Work of all Subcontractors.
- Provide work holes and access holes to install new systems in concealed spaces, as required or indicated.

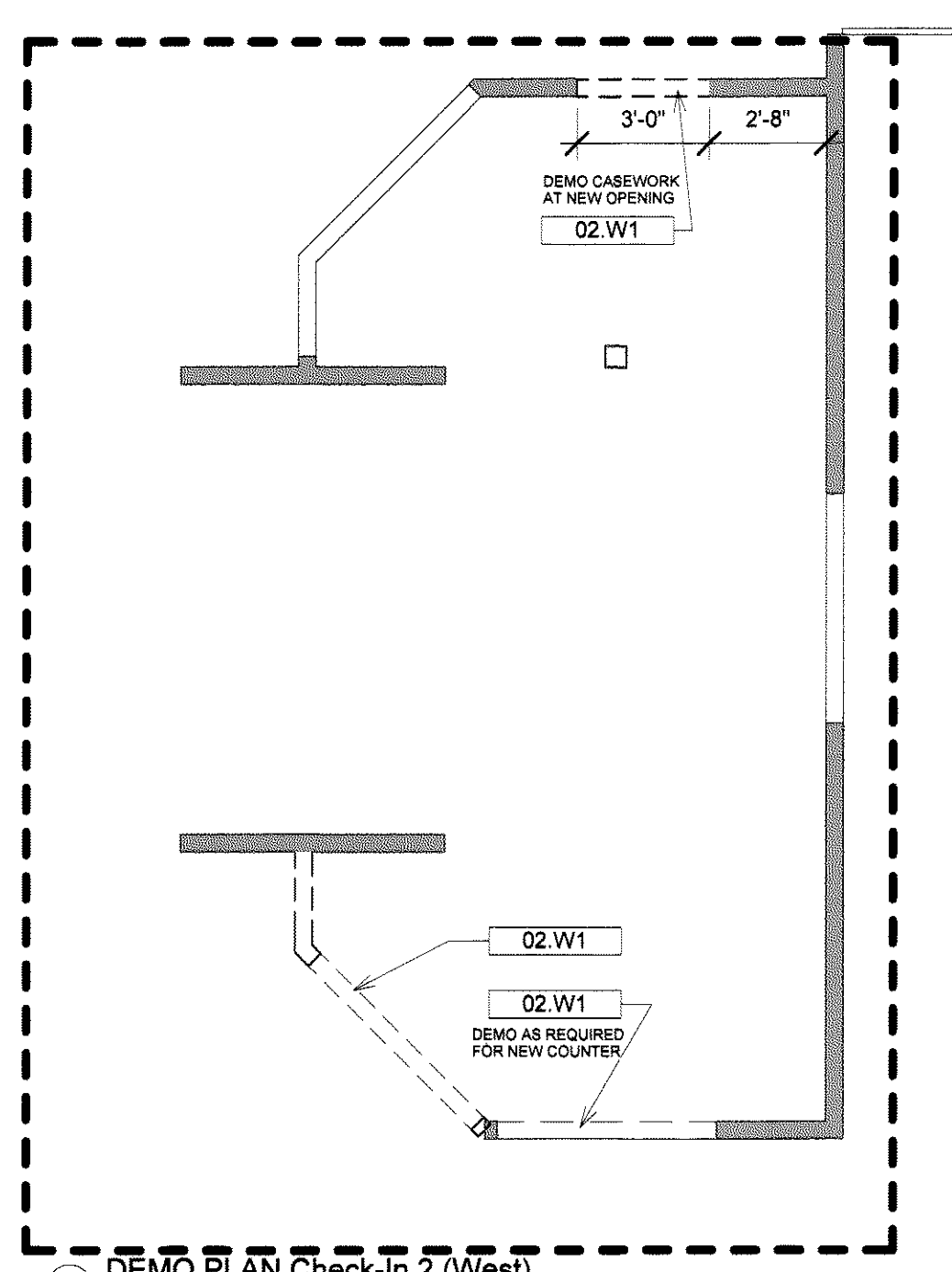
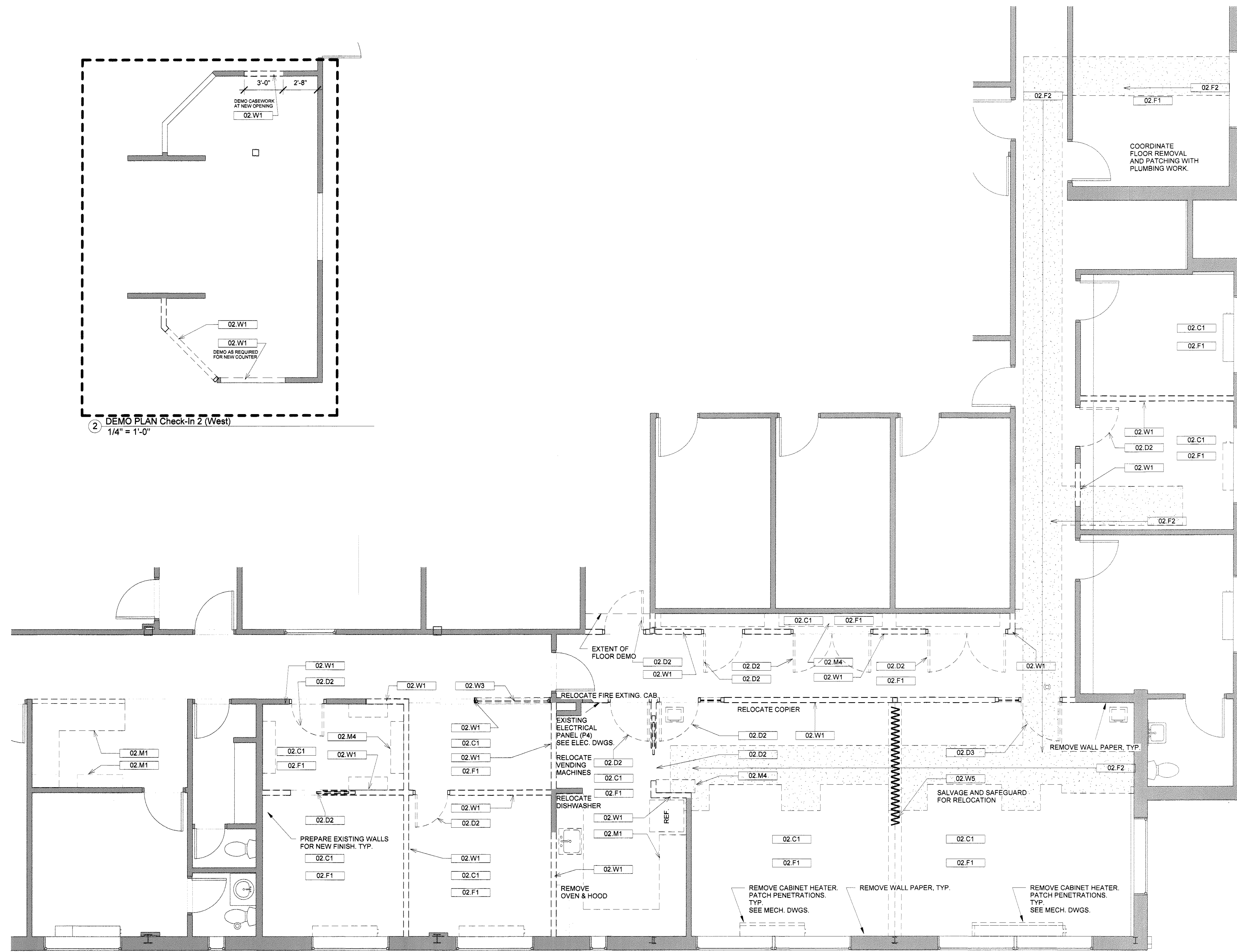
Demolition Keynote Legend	
Key Value	Keynote Text
02.C1	Ceiling To Be Removed, Including All Trim, Furring, Lathe, and Associated Items
02.D2	Door And Frame To Be Removed
02.D3	Relocate Door and Frame. Salvage and Safeguard.
02.F1	Flooring To Be Removed to Slab or Subfloor, Including All Trim, Base, Sleepers, And Associated Items
02.F2	Concrete Slab To Be Removed
02.M1	Casework To Be Removed
02.M4	Shelves To Be Removed, Including Standards and Brackets
02.W1	Wall To Be Removed, Including All Associated Finishes and Trim
02.W3	Window And Frame To Be Removed
02.W5	Operable Partition To Be Removed, Including Track, Trim, and Connections to Structure

**GENERAL DEMOLITION AND REMOVAL NOTES**

- The demolition drawings provide general coordination information only, and are schematic in nature. They do not identify all individual items to be removed. In instances where walls are indicated for removal, remove all doors, windows, and miscellaneous hardware, electrical and mechanical items contained within the wall. Remove any existing construction which logically is in the way of new construction or prohibits the new construction shown on the Architectural floor plans. NOTE: Some demolition work is indicated on the Building Elevations.
- Where existing masonry walls are scheduled for removal, remove the wall to 4 inches minimum below the existing slab. Infill the slab with concrete as indicated on the Structural drawings.
- Verify existing structural conditions prior to demolition or removals.
- Protect from damage and weather any existing building components, which are exposed as a result of demolition or removals.
- Coordinate and schedule all work in existing occupied portions of the building with the Owner.
- Notify the Architect and Owner immediately upon discovery of potentially asbestos containing material.
- Concrete slab removals may be required throughout the existing building and may not be shown on the demolition drawings. Coordinate the extent of slab removals with Structural, Mechanical and Electrical plans.
- Refer to Civil, Plumbing, Mechanical, Structural and Electrical plans for additional demolition information. Coordinate the information on drawings and shall report any discrepancies to the Architect prior to proceeding with the work.
- Removal of the materials as indicated shall be done without disturbing adjacent surfaces to remain or the current condition of the building elements.
- The Owner shall remove furniture and other movable and/or fixed equipment prior to new work in any area, except for mechanical, electrical or minor work not requiring the Owner to completely vacate the premises. Notify the Owner of schedule for new work and extent of Owner removals necessary.
- Remove all damaged and/or discarded building construction material from concealed spaces. Prior to closing- or sealing-off concealed spaces, the Contractor shall allow for an inspection of components which will not be visible when the spaces have been sealed.
- Cut trenches in existing concrete floors with no more than a 1:2 slope. Patch concrete to match adjacent thickness and finish prior to the installation of underlayment or new finishes.
- Provide metal cover plates at all abandoned electrical devices, finished to match wall.
- All demolition/removal debris is the property of the Contractor, unless noted otherwise.
- The Contractor may replace salvaged items with new and identical materials only with the Architect's prior approval.

**GENERAL PATCHING AND REPAIRING NOTES**

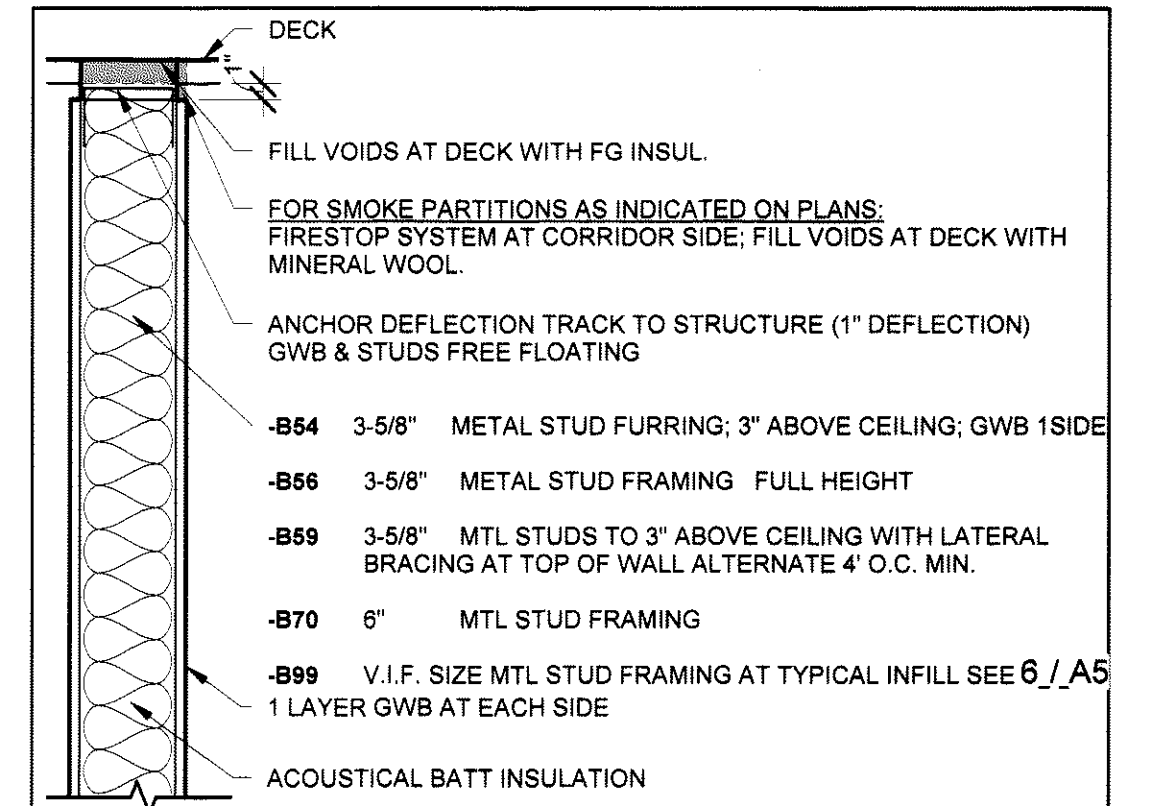
- Where new construction either infills or abuts existing construction, the finished faces shall align, and the surfaces shall be finished to match.
- Patch and level existing floors to receive new finishes as indicated in the room finish schedule.
- After removal of building components, any resulting holes shall be patched. Maintain existing fire- or smoke-ratings as indicated. Such patches shall be flush with adjacent surfaces and finished to match.



1 DEMO PLAN C  
1/4" = 1'-0"

2 DEMO PLAN Check-In 2 (West)  
1/4" = 1'-0"

INTERIOR PARTITIONS



- NOTES:
1. USE MOISTURE RESISTANT (MR) GWB AT TOILET & JANITOR ROOMS.
  2. AT SMOKE PARTITIONS, SEAL ALL PENETRATIONS TO RESIST THE PASSAGE OF SMOKE PER NFPA 101
  3. MIN. SOUND ISOLATION PERFORMANCE AT ALL EXAM ROOM WALLS = STC 50

METAL STUD PARTITION - B54 B56 B59 B70 B99

2 Metal Stud Partition, Typ. Phase 1  
1" = 1'-0"

SYSTEM NOTES

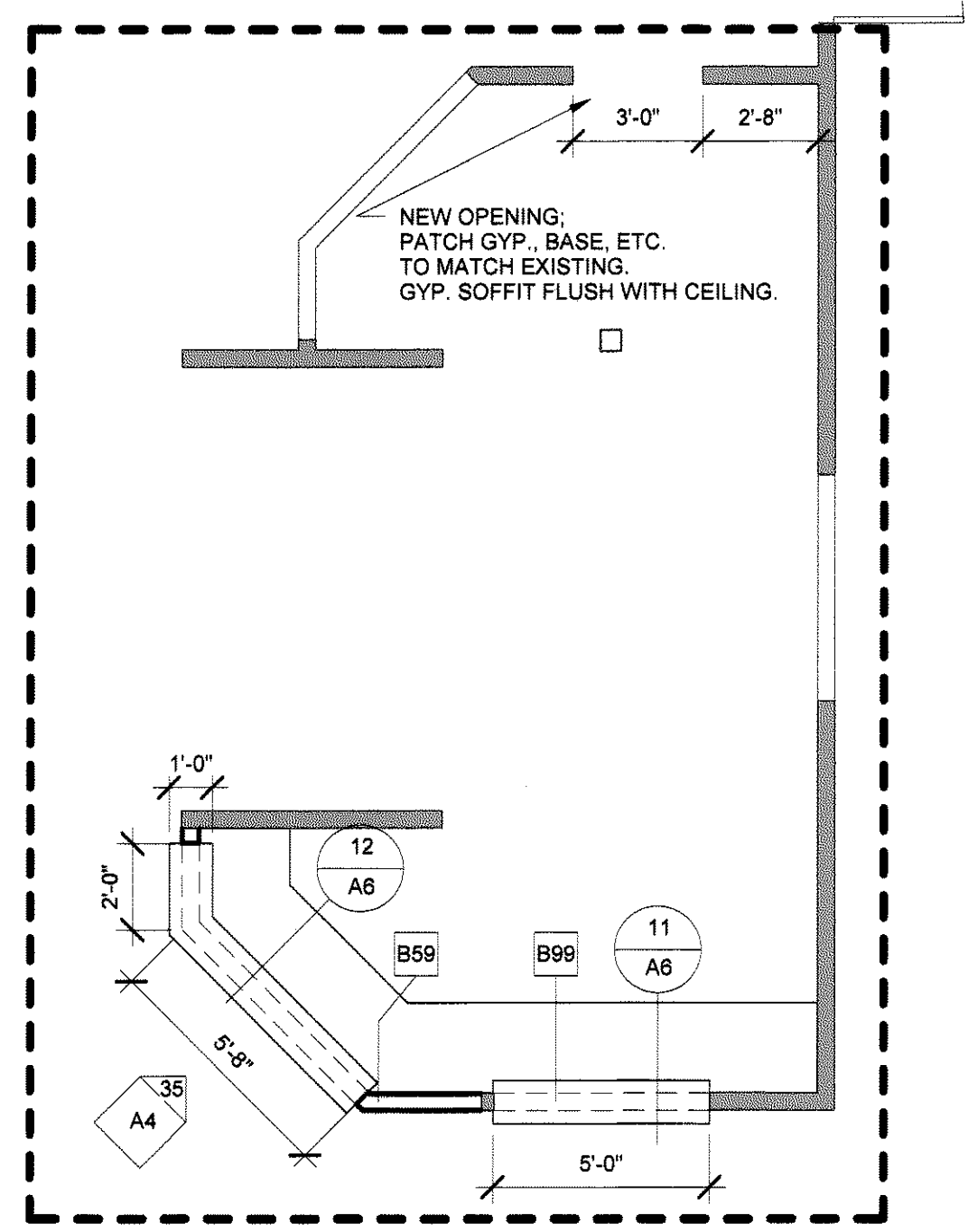
1. AT METAL STUD PARTITIONS, USE MR GWB AT ALL TOILET AND JANITOR ROOMS.

PLAN GENERAL NOTES

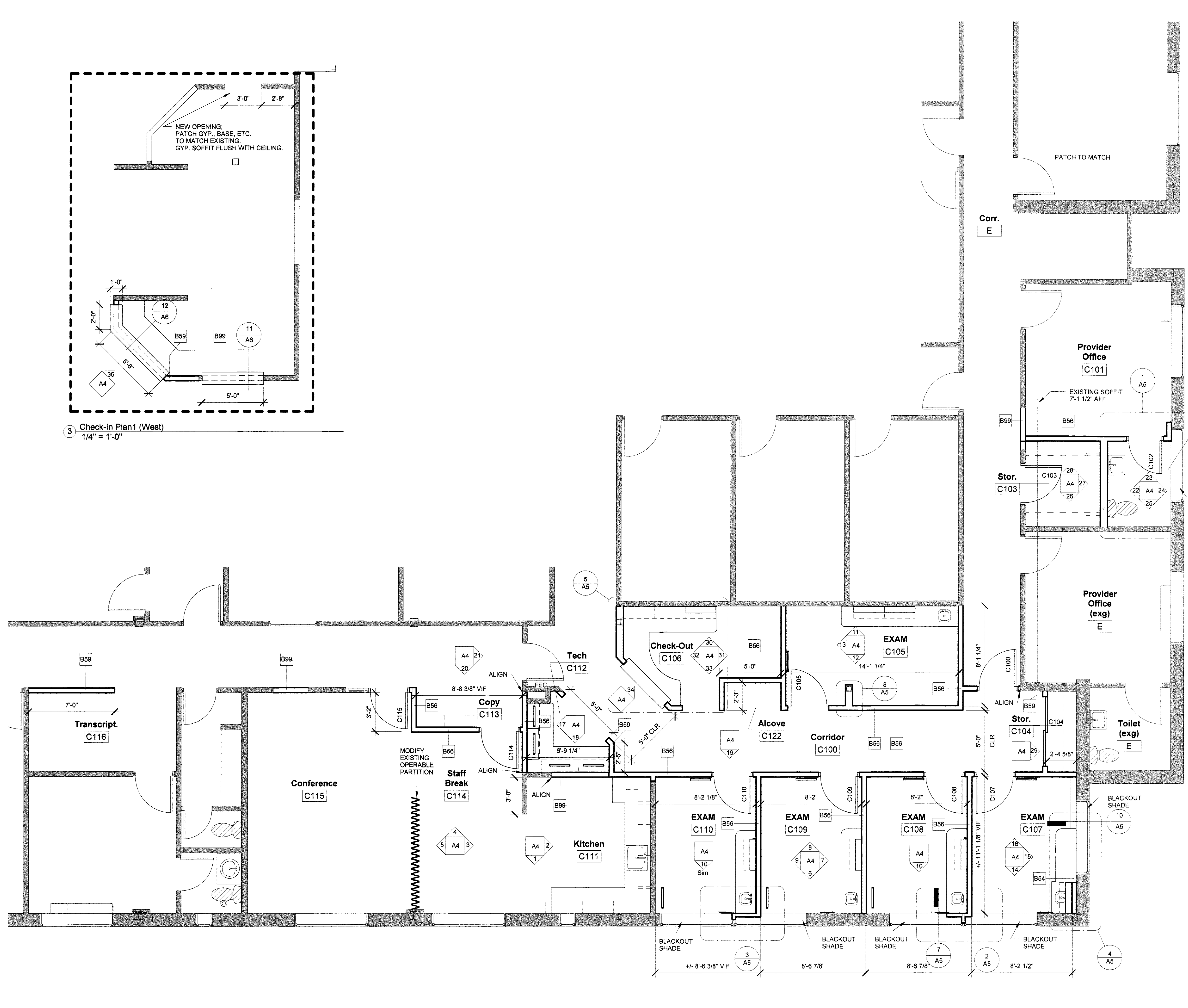
1. The Drawings use a system of keyed notes on plans, elevations and details. Instructions for specific components of the Work are keyed to the Drawings. Building systems are keyed to floor plans, sections, and other details as appropriate.
2. Work from given dimensions. In general, large-scale details take precedence over smaller scale plans, elevations and building sections. Notify the Architect of any dimensional discrepancies prior to commencing the Work, and do not begin work until such discrepancies are resolved by the Architect. Do not scale drawings. Dimensions indicated as "clear" shall be maintained in cases of discrepancy.
3. Dimensional Control:  
Interior dimensions are from:  
  - Face of stud to face of stud
  - Face of stud to face of existing finish
  - Face of masonry to face of masonry
  - Face of stud to face of masonry
  - Centerline column to face of stud or masonry
  - Existing dimensions are shown enclosed in square brackets [ ] and shall be verified.
4. Verify all existing conditions and dimensions and report any discrepancies to the Architect. Proceed with the work only after discrepancy has been resolved with the Architect.
5. Rough Opening dimensions indicated are nominal dimensions only. Coordinate all Rough Openings with actual window unit, doorframe, or curtain wall/storefront sizes and requirements.
6. All new openings into existing masonry walls for mechanical or electrical penetrations shall receive a lintel. Refer to the structural plans for lintel type. Refer to Mechanical plans for number, location, and size of all penetrations.
7. Flooring and floor finishes shall be installed to a maximum differential of 1/16" between dissimilar materials. Provide transition strips or thresholds (1/2" maximum) of same material as flooring and/or as noted on the drawings.
8. Typical Details:  
The following details are typical throughout this project and apply in all cases unless specifically noted otherwise. Please note that these details may not be directly referenced from the plans or other details:  
  - Slabs at all floor drains shall be pitched toward the drain. See detail x/xxxx and x/xxxx.
  - All GWB partitions intersecting existing partitions, either new or existing, shall be finished with a "J" bead and sealant.
  - All columns located adjacent to or integral with GWB partition or walls shall be enclosed within the wall construction.
  - All roof leaders, heat piping, sprinkler risers or miscellaneous piping shall be enclosed within the wall construction. See detail x/xxxx.
  - All top-of-wall conditions shall be sealed to deck above. See details x/xxxx-x/xxxx for top-of-wall conditions at intersections with structural members. Coordinate top of wall construction with existing structural framing.
  - Unless noted otherwise, the location of doorframes shall be:  
    - 4" from adjacent wall to the hinge side in metal stud partitions.
    - Maintain a clear dimension of 1'-6" from all adjacent construction to the latch (pull) side of the door.
    - Maintain other clear dimensions in accordance with the latest version of the ADA Accessibility Guidelines (ADAAG).

WALL GENERAL NOTES

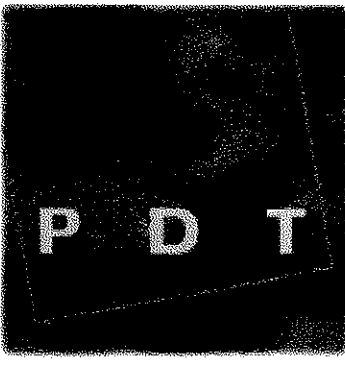
1. All partitions shall extend from slab to underside of roof deck above, unless noted otherwise.
2. Install one bead of acoustical sealant under each layer of GWB at intersection with floor at each side of wall. Cover with wall base.
3. Install blocking behind all surface-applied fixtures, trim, grab bars, shelves, chair rails, picture rails, base moldings, tack or marker boards, window treatment, wall or base cabinets or counters, and miscellaneous accessories mounted on stud walls. See detail x/xxxx.
4. Install moisture resistant GWB in toilets, janitor's closets, showers, locker rooms, kitchens, darkrooms, wall areas within 8 feet of sinks.
5. All metal stud framing is 3-5/8", unless noted otherwise.
6. All interior metal stud partitions are type B56, unless noted otherwise.
7. New equipment mounted on existing walls: verify wall type prior to the work to determine appropriate type of anchor unless indicated otherwise. Consult Architect for clarification if needed.



3 Check-in Plan1 (West)  
1/4" = 1'-0"



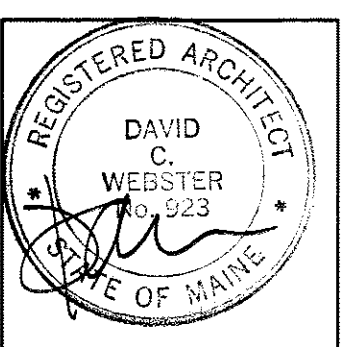
1 RENOVATION POD "C"  
1/4" = 1'-0"



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**E. M. G. - PHASE 1 RENOVATION**  
53 Sewall Street, Portland, ME 04102



JOB NO.  
12084

DRWN. CHK  
AJK

SCALE:  
As indicated

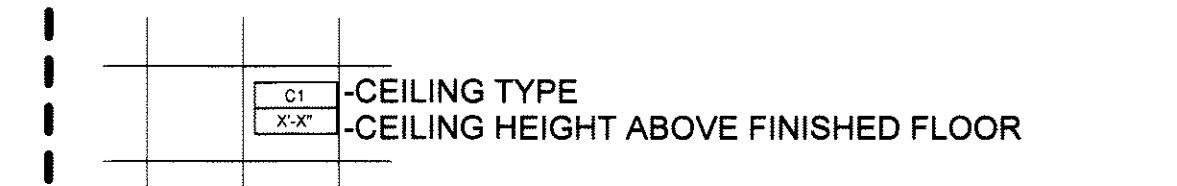
ISSUE  
PERMIT SET  
JANUARY 17, 2013

TITLE  
REFLECTED  
CEILING PLAN

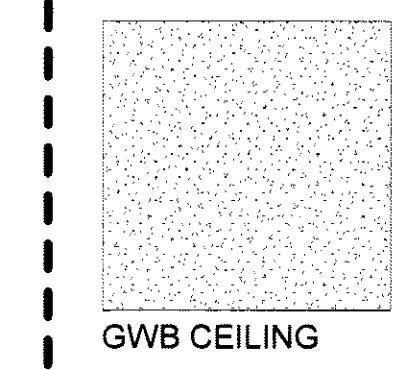
SHEET  
A2

- CEILING GENERAL NOTES**
- Ceiling plans do not show every fixture or component. Refer to electrical, plumbing, mechanical and structural drawings for extent of all ceiling penetrations and installations and coordinate prior to installation.
  - Center grid layout in all rooms unless noted otherwise.
  - All components mounted in or below a suspended acoustic ceiling shall be centered in the ceiling tile or in the 2x2 portion of regular tiles. This shall include, but not be limited to, light fixtures, diffusers, speakers, and sprinkler heads.
  - Prior to the installation of ceilings, allow for an above-ceiling inspection of components that will not be visible when the ceilings have been installed.

- CEILING TYPES:**
- C1 - 24" x 24" SUSPENDED ACOUSTICAL TILE
  - C2 - 5/8" GYPSUM WALLBOARD ON METAL FRAMING; PAINTED

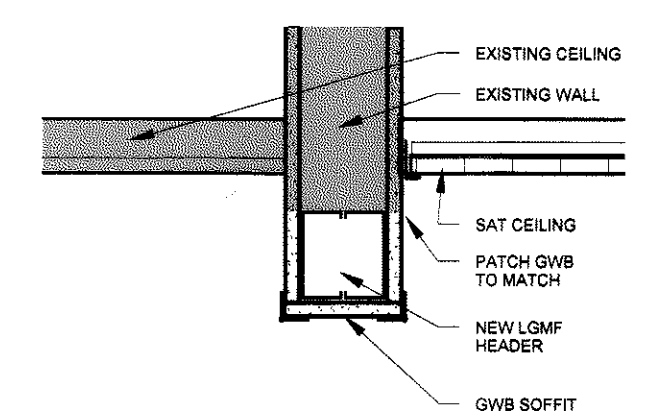


S.A.T. CEILING

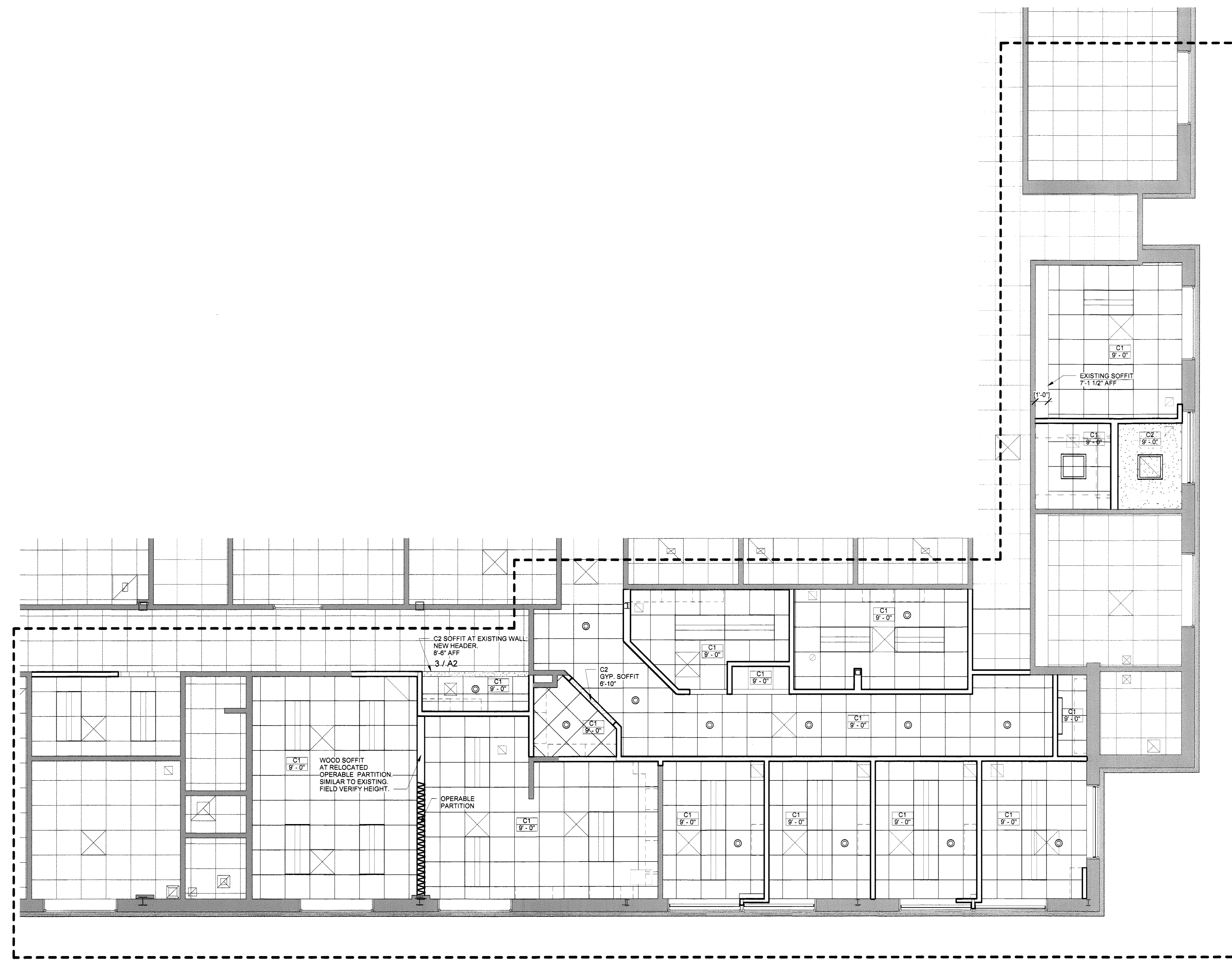


GWB CEILING

2 CEILING MATERIALS AND SYMBOLS LEGEND  
1/4" = 1'-0"



3 SECTION DETAIL FOR NEW OPENING AT COPY  
1 1/2" = 1'-0"



1 CEILING PLAN "C"  
1/4" = 1'-0"

D  
C  
B  
A

5 4 3 2 1

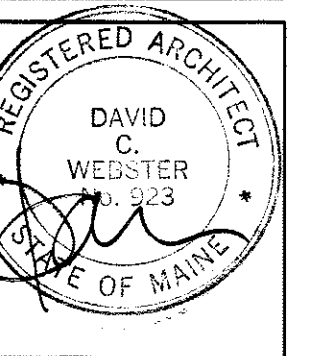


ARCHITECTS

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**E. M. G. - PHASE 1 RENOVATION**  
53 Sewall Street, Portland, ME 04102



JOB NO.  
12084

DRWN. CHK  
AJK

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

ISSUE  
PERMIT SET  
JANUARY 17, 2013

TITLE  
FURNITURE AND  
EQUIPMENT  
PLAN

SHEET

A3

**INTERIOR GENERAL NOTES**

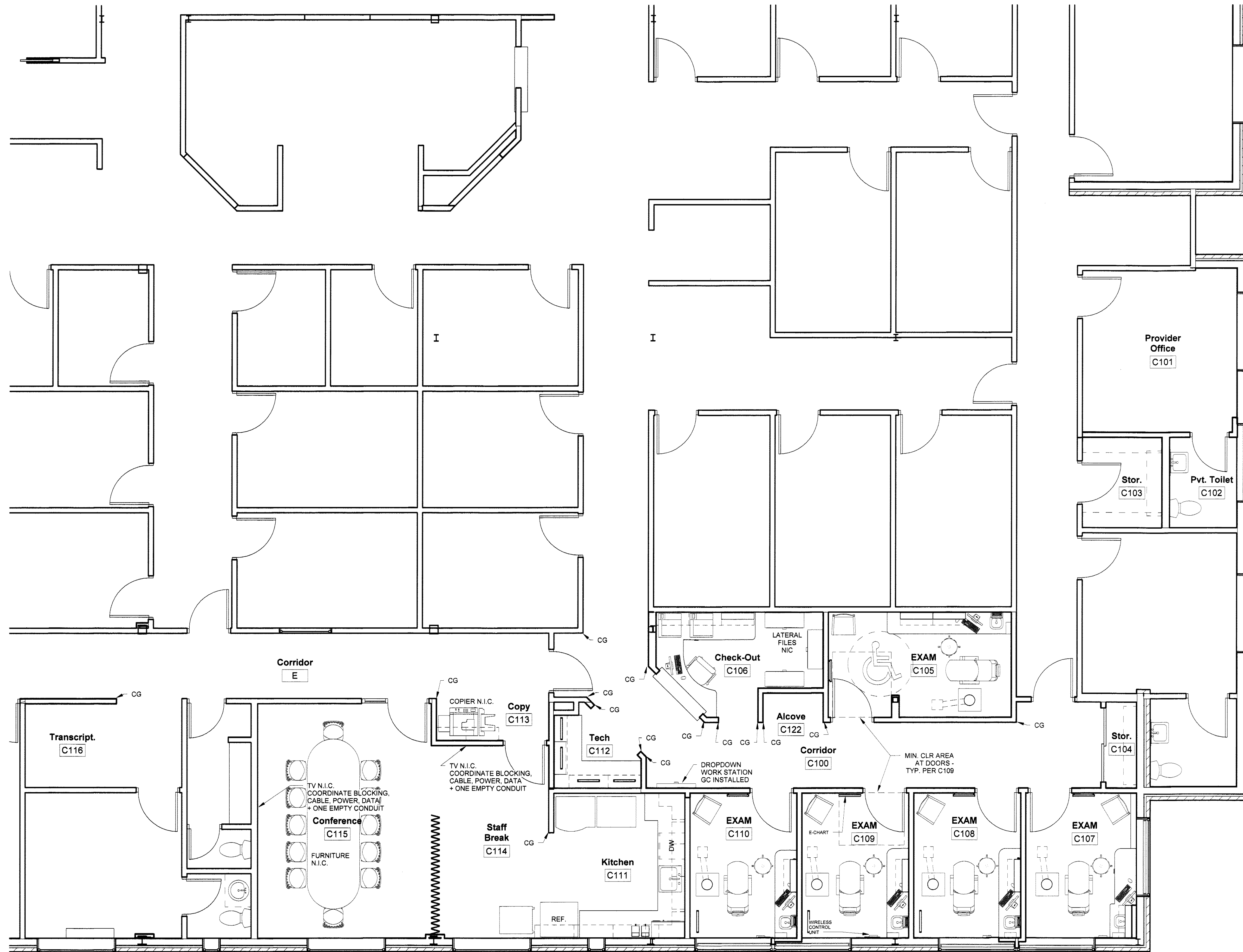
- All mounting heights and clearances at Toilet rooms and elsewhere shall comply with the latest version of the ADA Accessibility Guidelines (ADAAG).
  - Barrier-Free clearances are given. These clear dimensions shall be maintained in cases of discrepancy.
  - All dimensions given for fixture and accessory locations are clear dimensions from finished surfaces, unless noted otherwise. Coordinate actual dimensions with wall construction and finishes.
  - Locate all controls, flush valves, shutoffs and similar items in accordance with the latest version of the ADA Accessibility Guidelines (ADAAG).
  - A range of mounting heights may be given for some items. Maintain a consistent mounting height, within the given range, throughout the Project, unless noted otherwise.
- Install blocking behind all surface-applied fixtures, trim, grab bars, shelves, chair rails, picture rails, base moldings, tack or marker boards, window treatment, wall or base cabinets or counters, and miscellaneous accessories mounted on stud walls.
- Install coat hooks at doors. See detail x/xxxx
- Install transition strips between dissimilar flooring materials. See detail x/xxxx-x/xxxx.
- All wood not indicated to be painted shall be natural finish (clear).

**Contractor shall install Owner supplied items including but not limited to:**

- Soap Dispensers
- Paper Tower Dispenser
- Sharps Containers
- Hand Sanitizer Dispensers
- TV Brackets
- Dropdown Work Stations

**Contractor installed and provided items including but not limited to:**

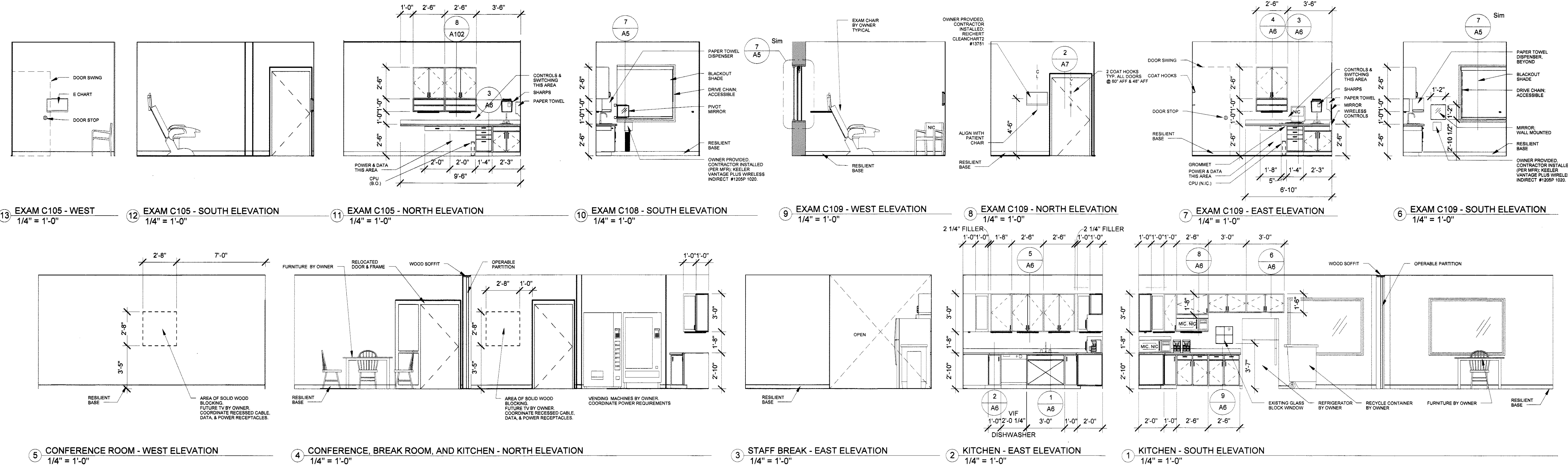
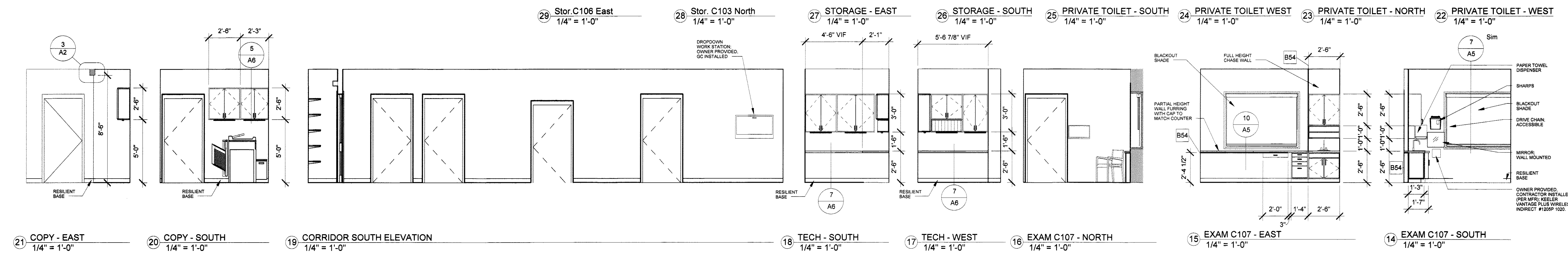
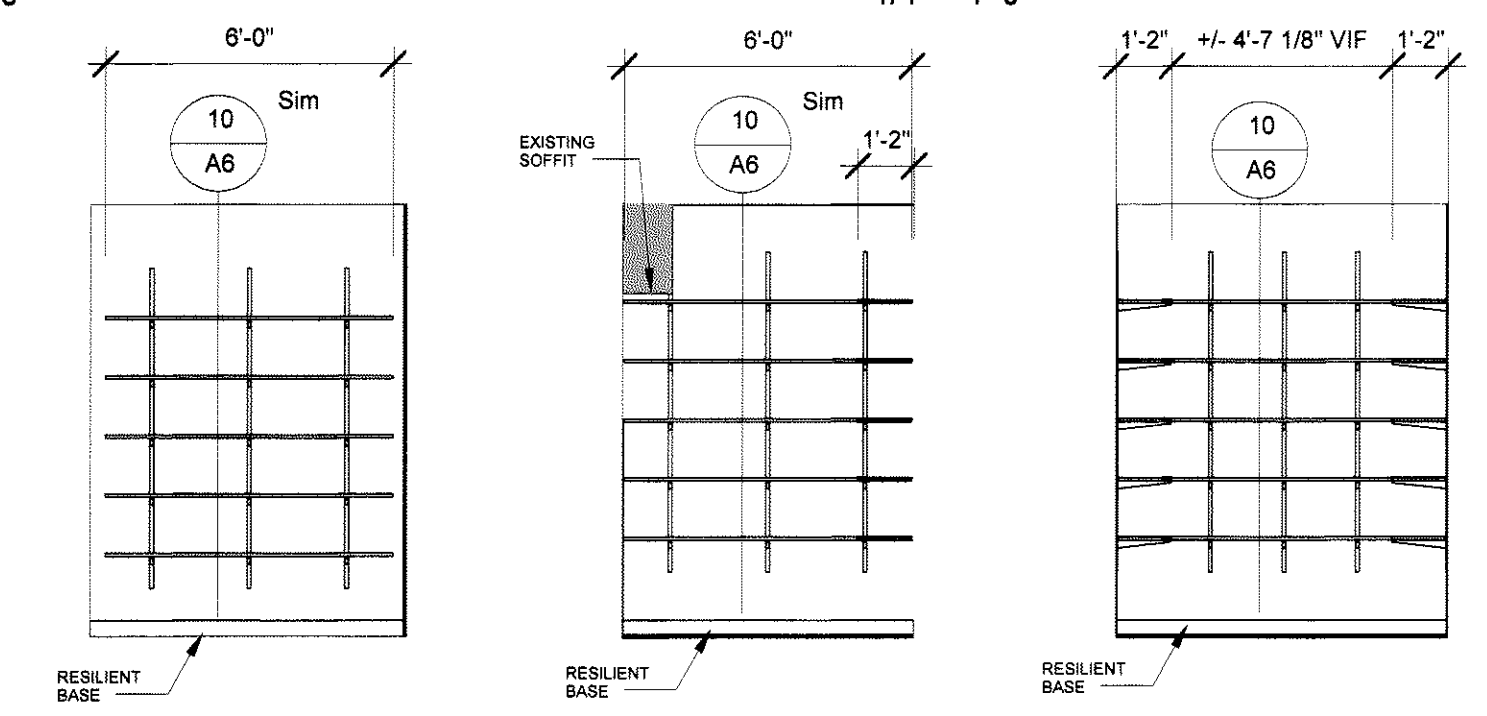
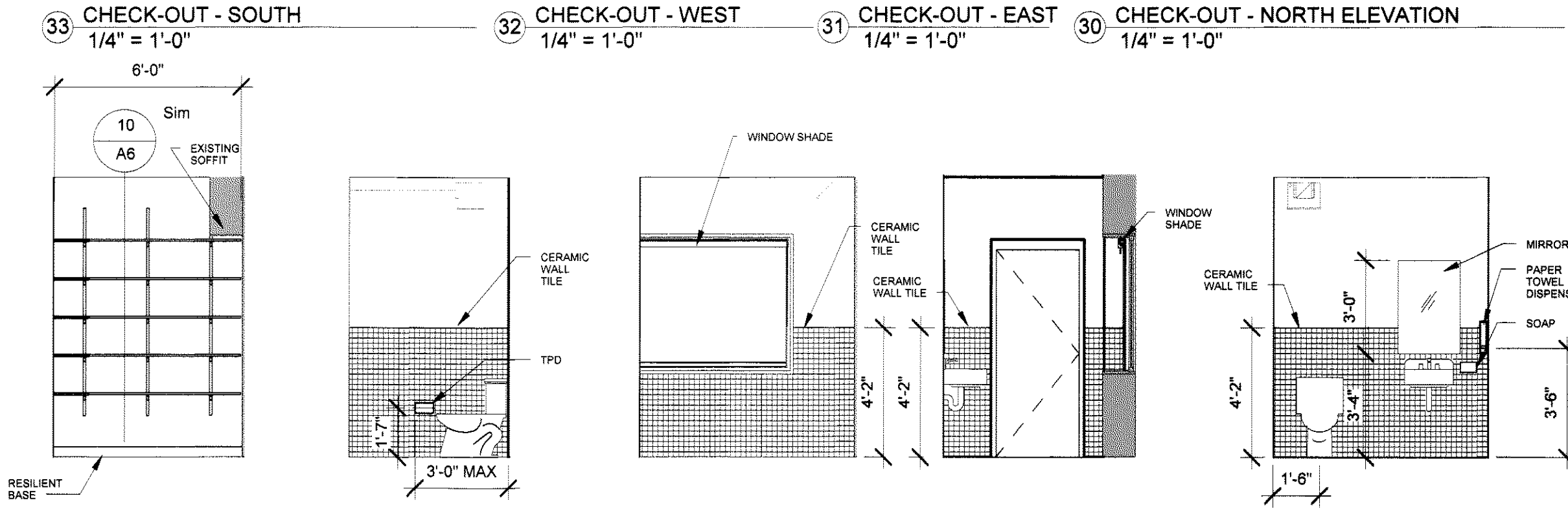
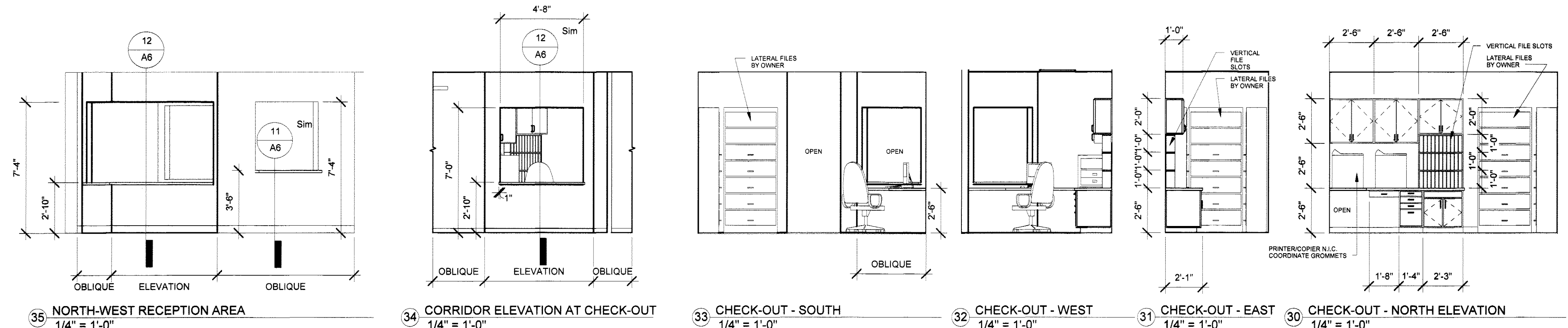
- Corner Guards (CG)
- Window shades
- Infrastructure for Call Station system



1 FURNITURE AND EQUIPMENT AREA "C"  
1/4" = 1'-0"

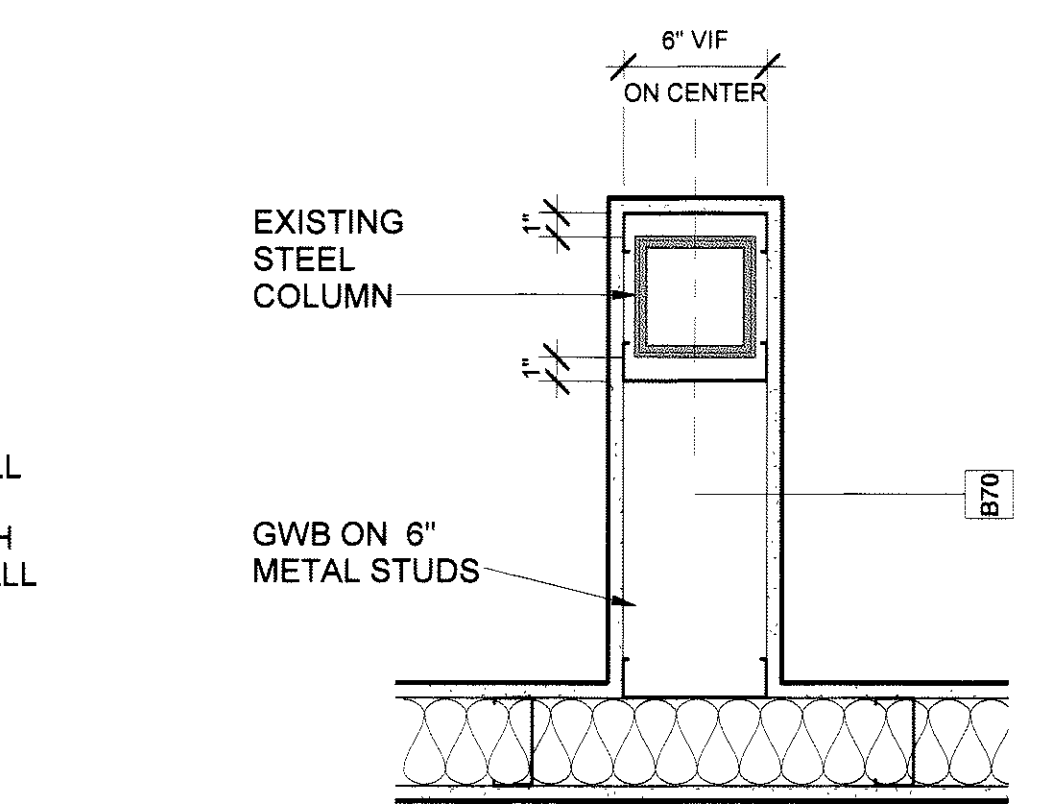
D  
C  
B  
A

D  
C  
B  
A

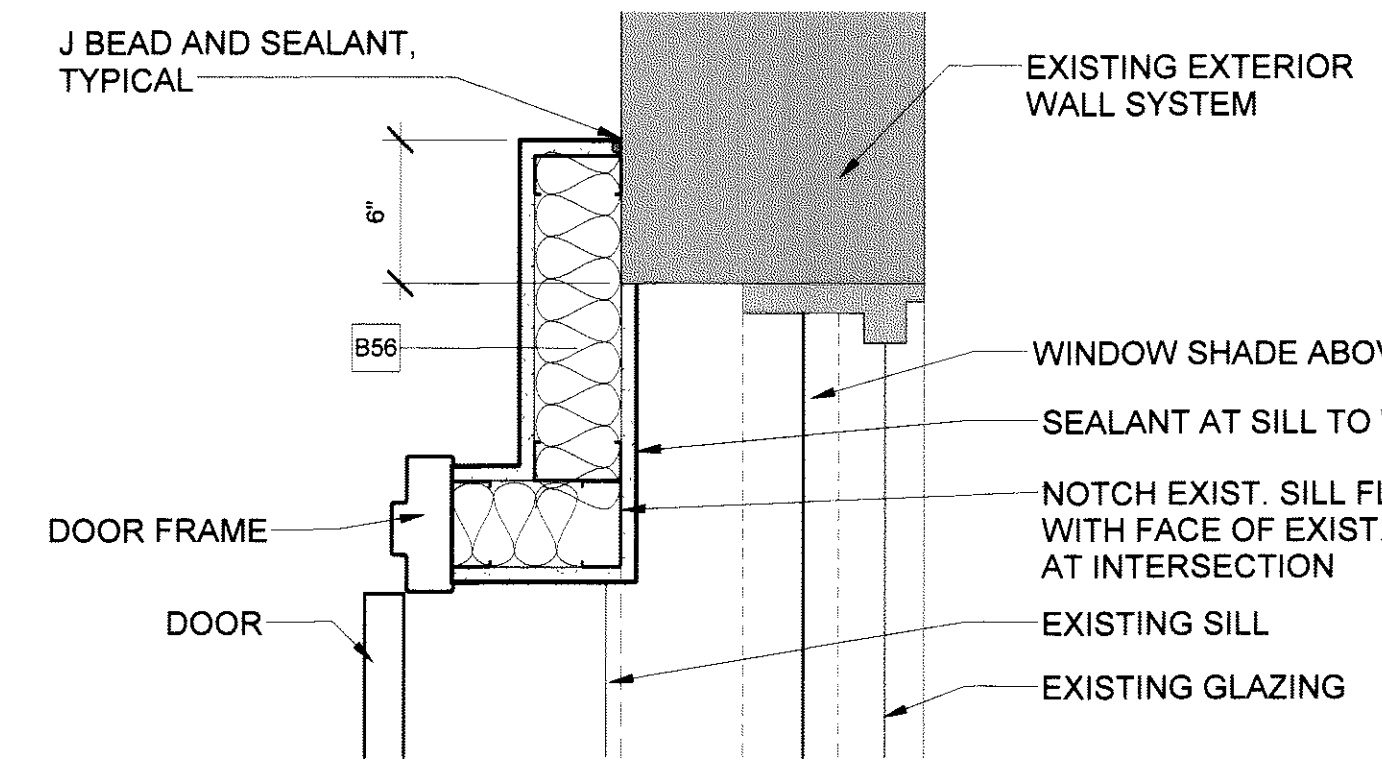


D  
C  
B  
A

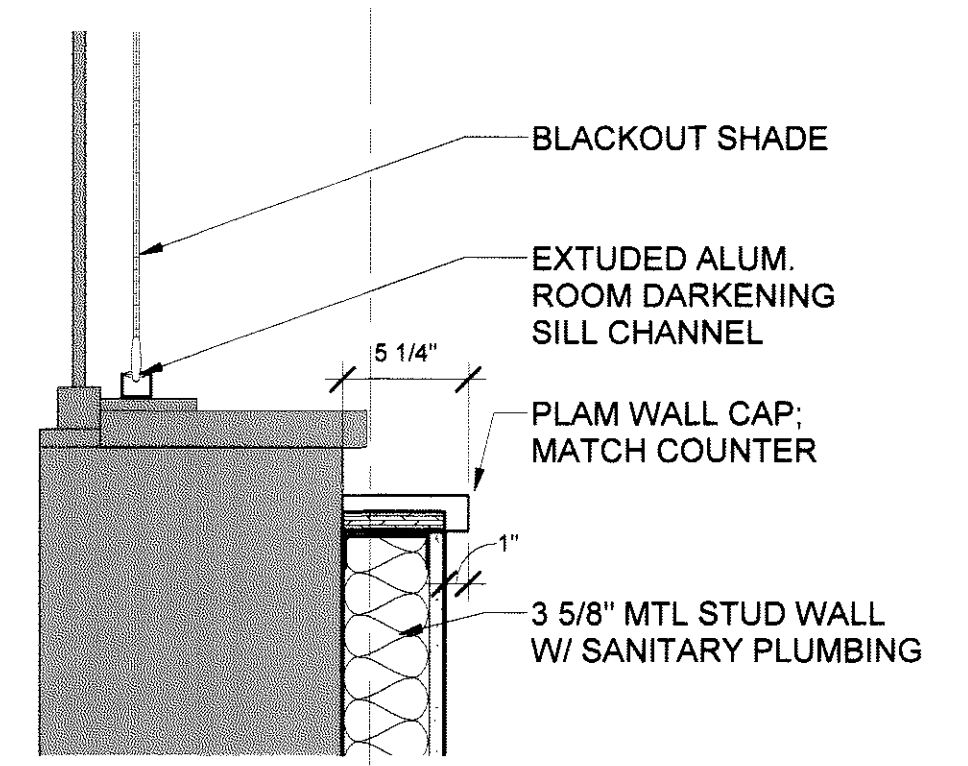
5 4 3 2 1



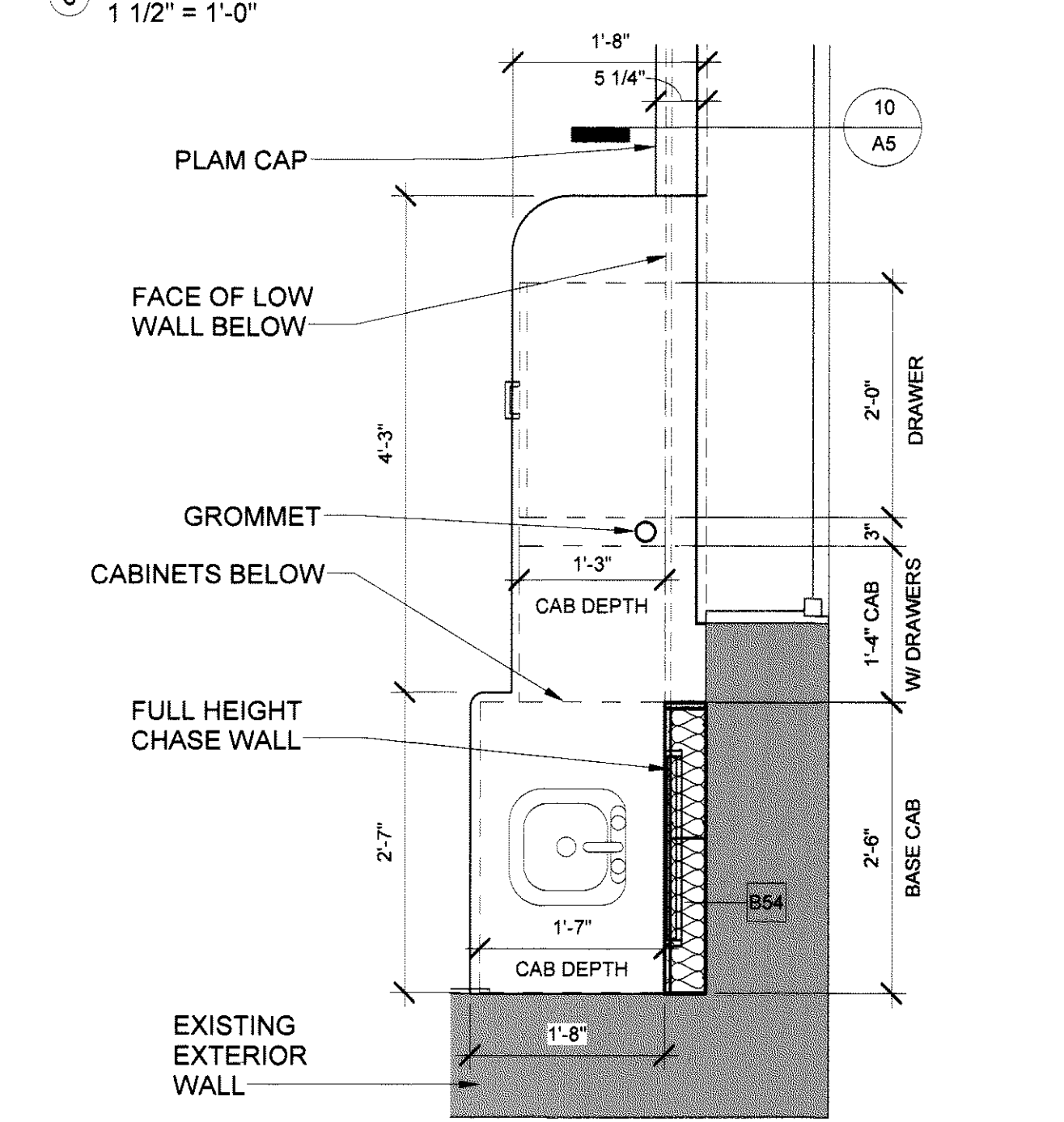
8 PLAN DETAIL AT EXISTING COLUMN  
1 1/2" = 1'-0"



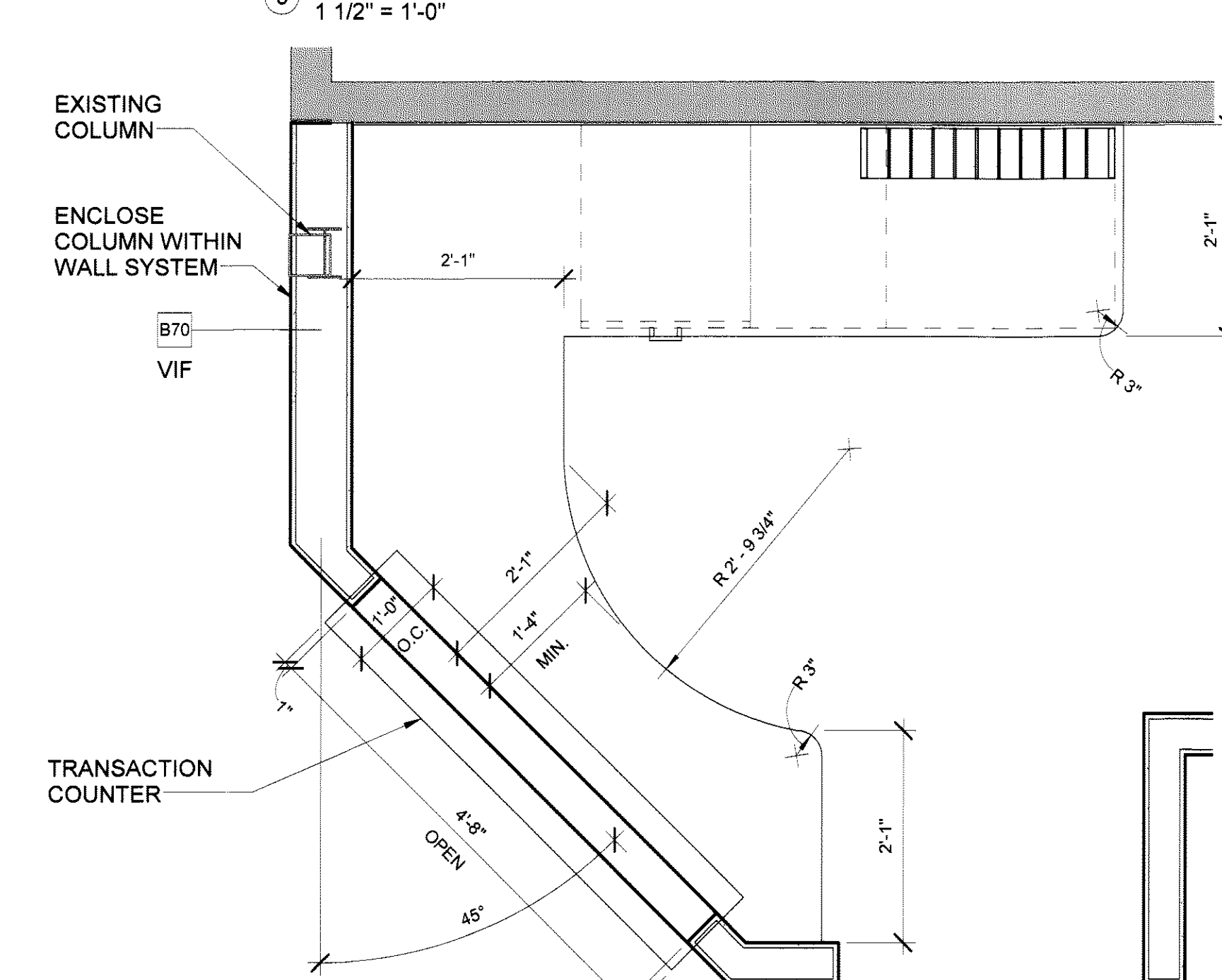
9 PLAN DETAIL AT WALL TO WINDOW C101  
1 1/2" = 1'-0"



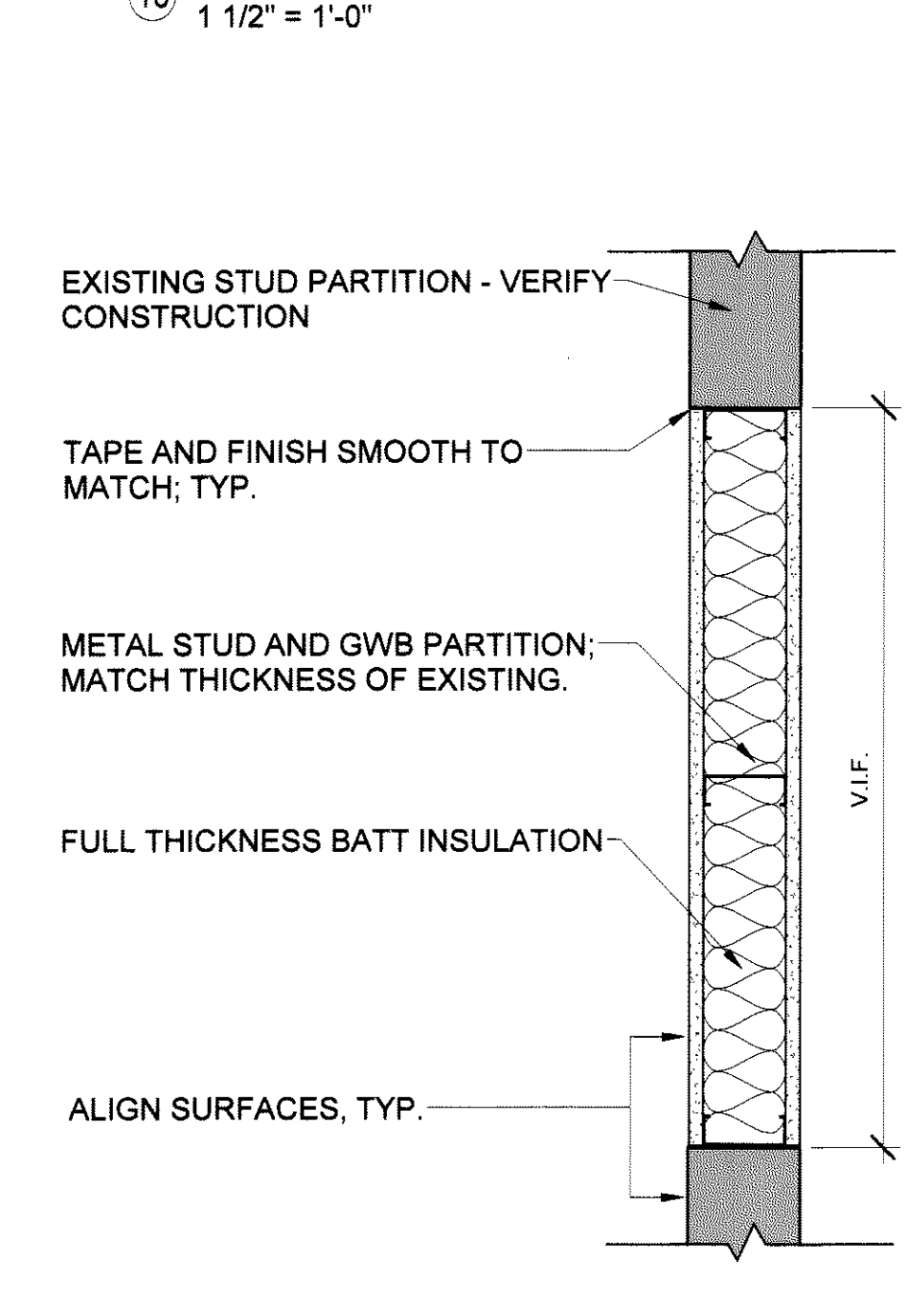
10 Detail 2  
1 1/2" = 1'-0"



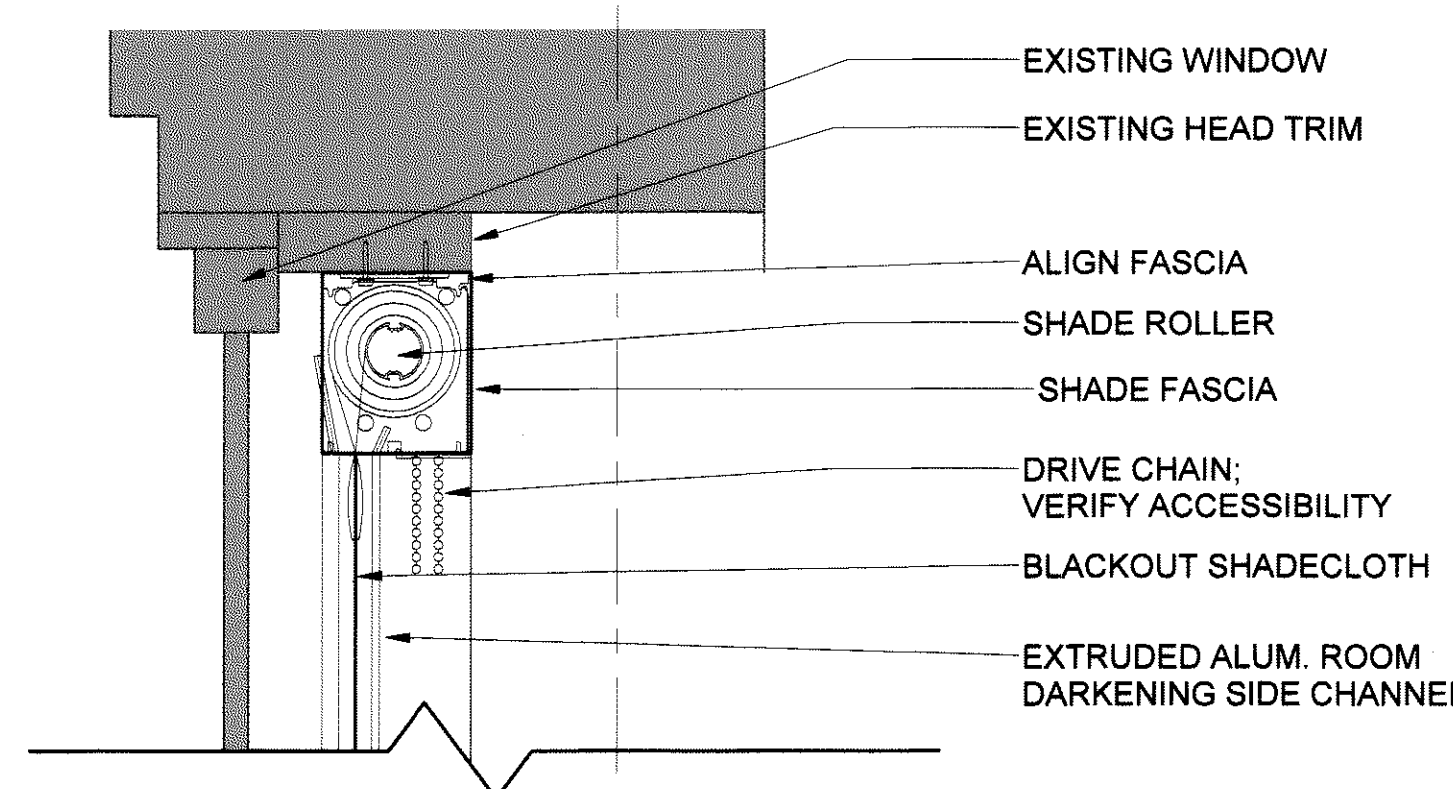
4 Detail 1  
3/4" = 1'-0"



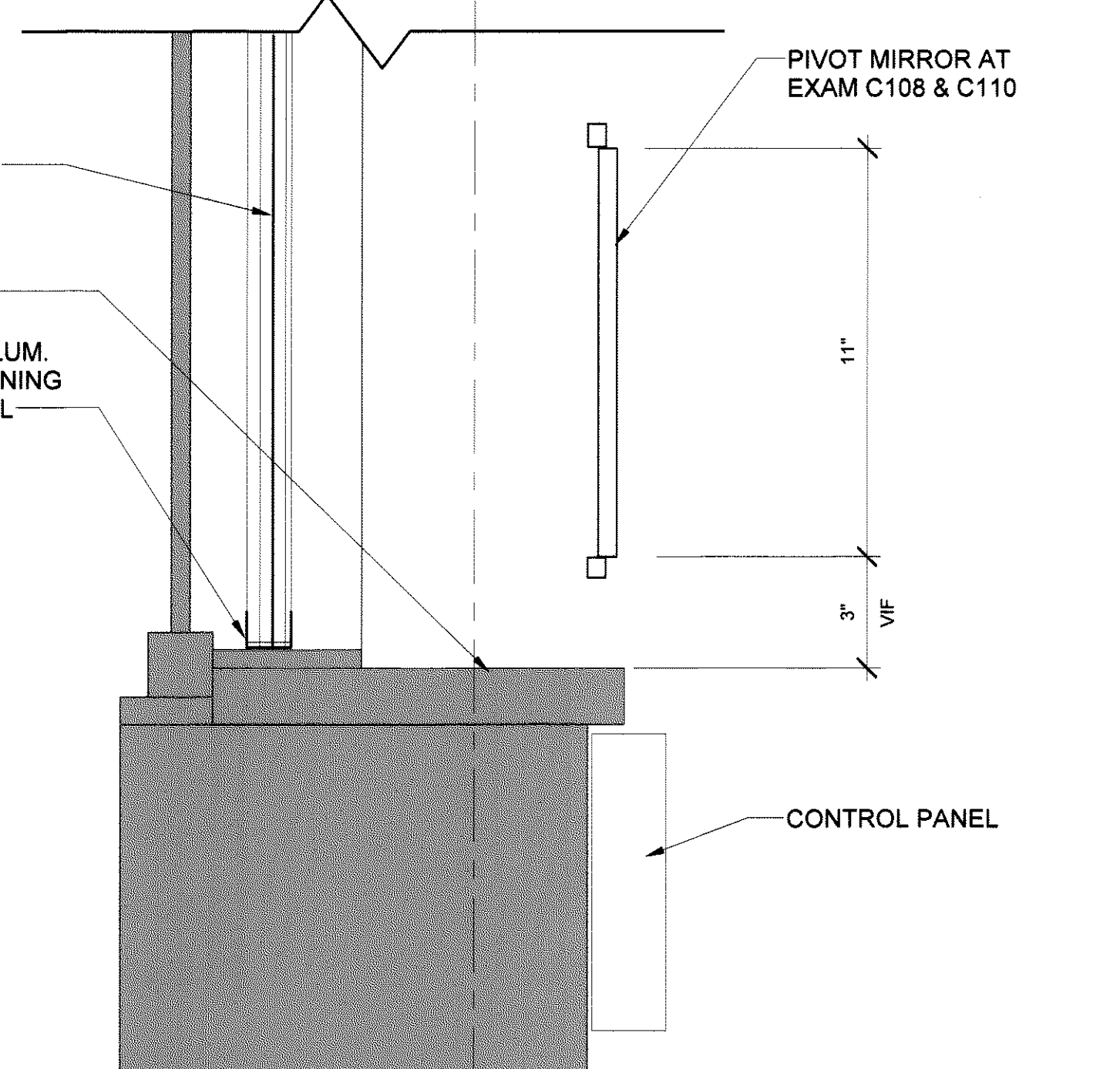
5 PLAN DETAIL @ CHECK-OUT  
3/4" = 1'-0"



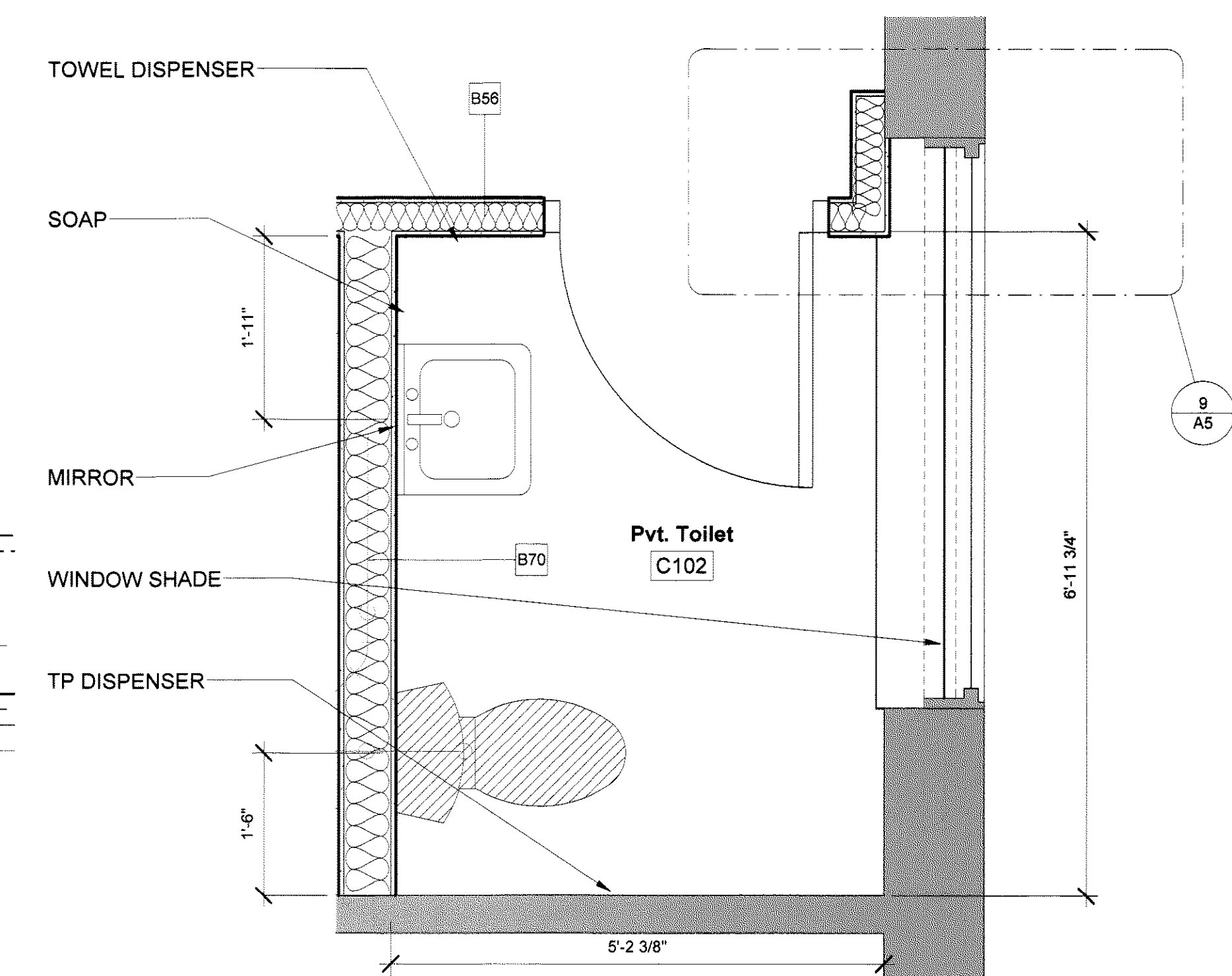
6 TYPICAL EXISTING PARTITION INFILL, PHASE 1  
1 1/2" = 1'-0"



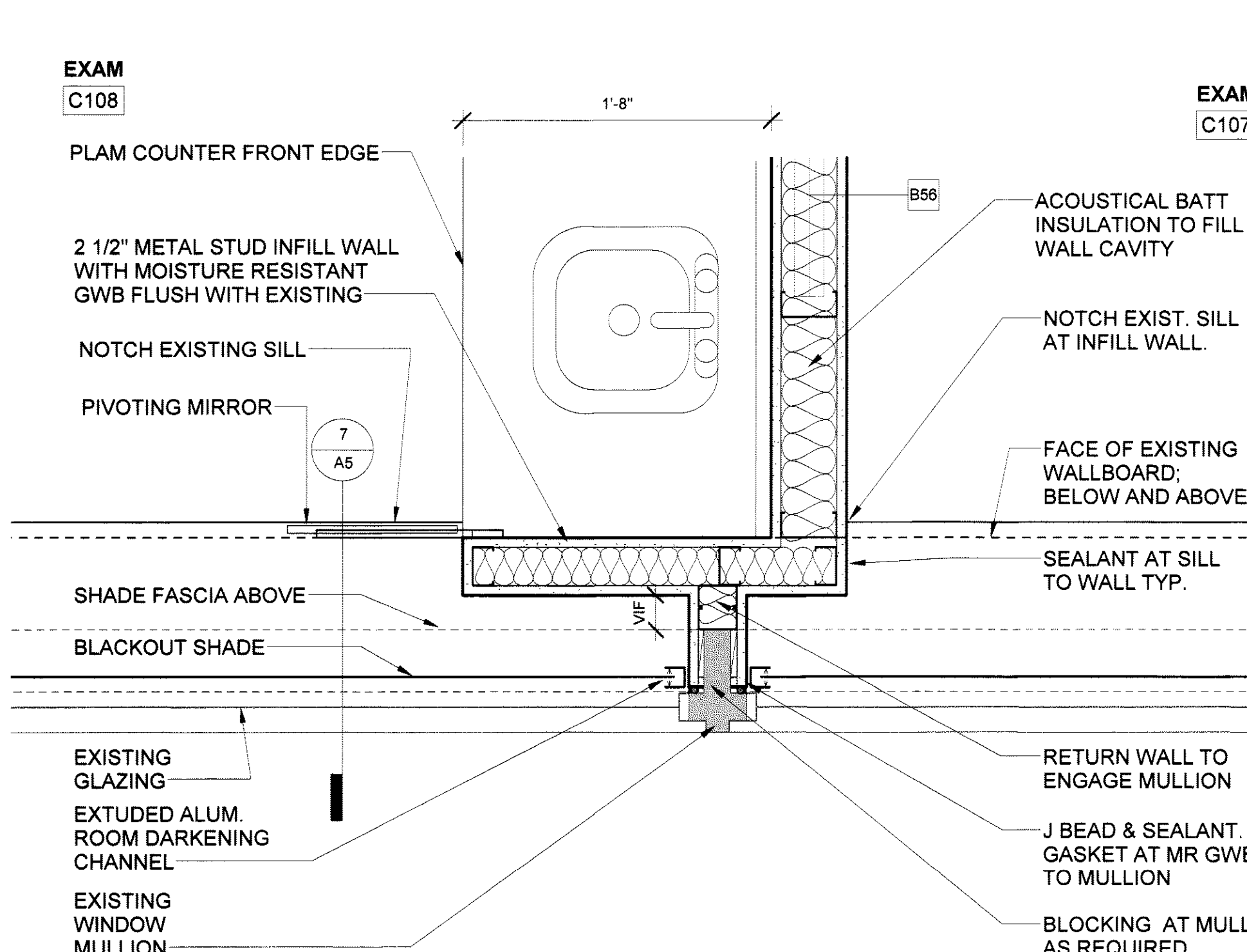
7 DETAIL SECTION AT WINDOW SHADES  
3" = 1'-0"



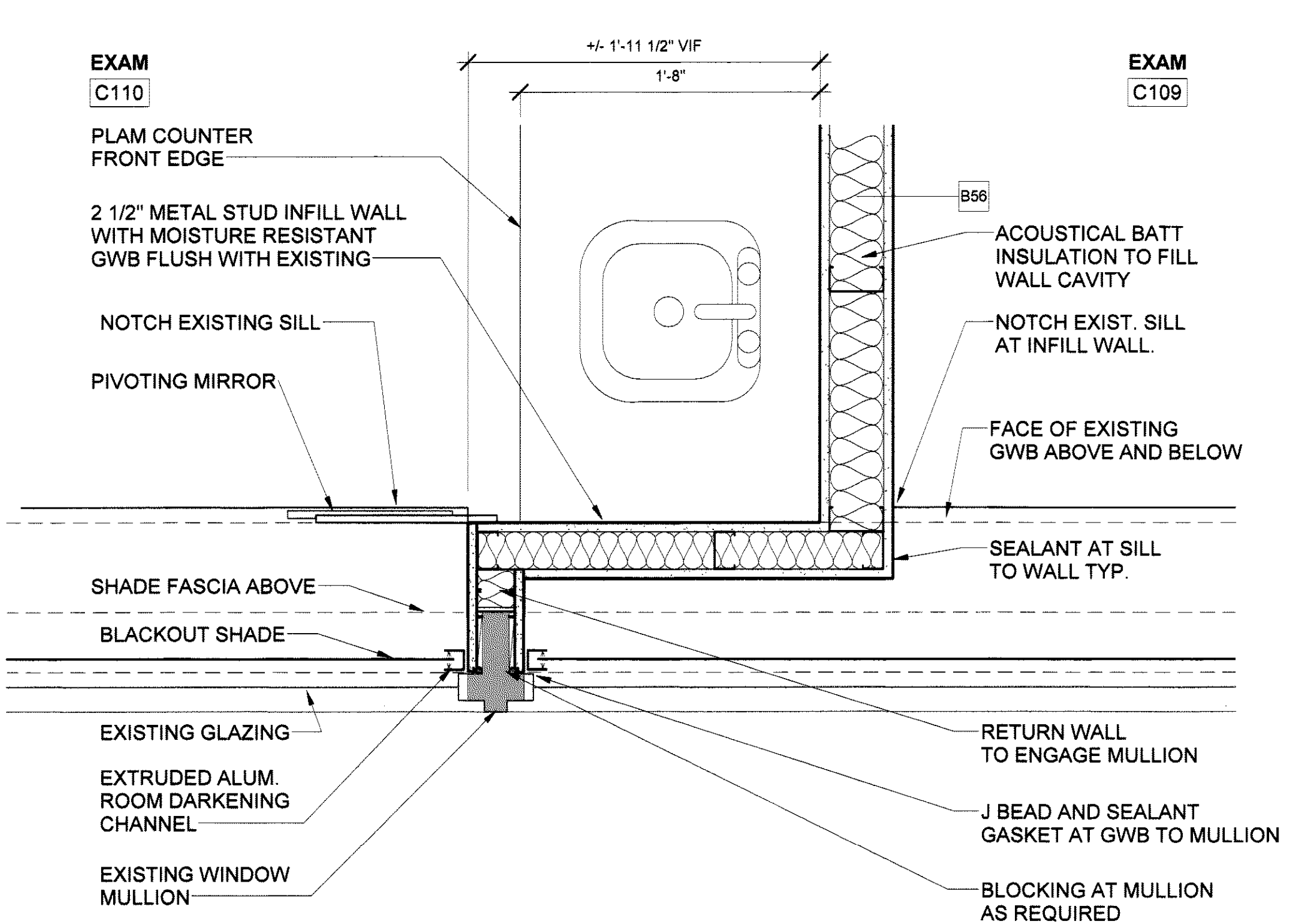
7 DETAIL SECTION AT WINDOW SHADES  
3" = 1'-0"



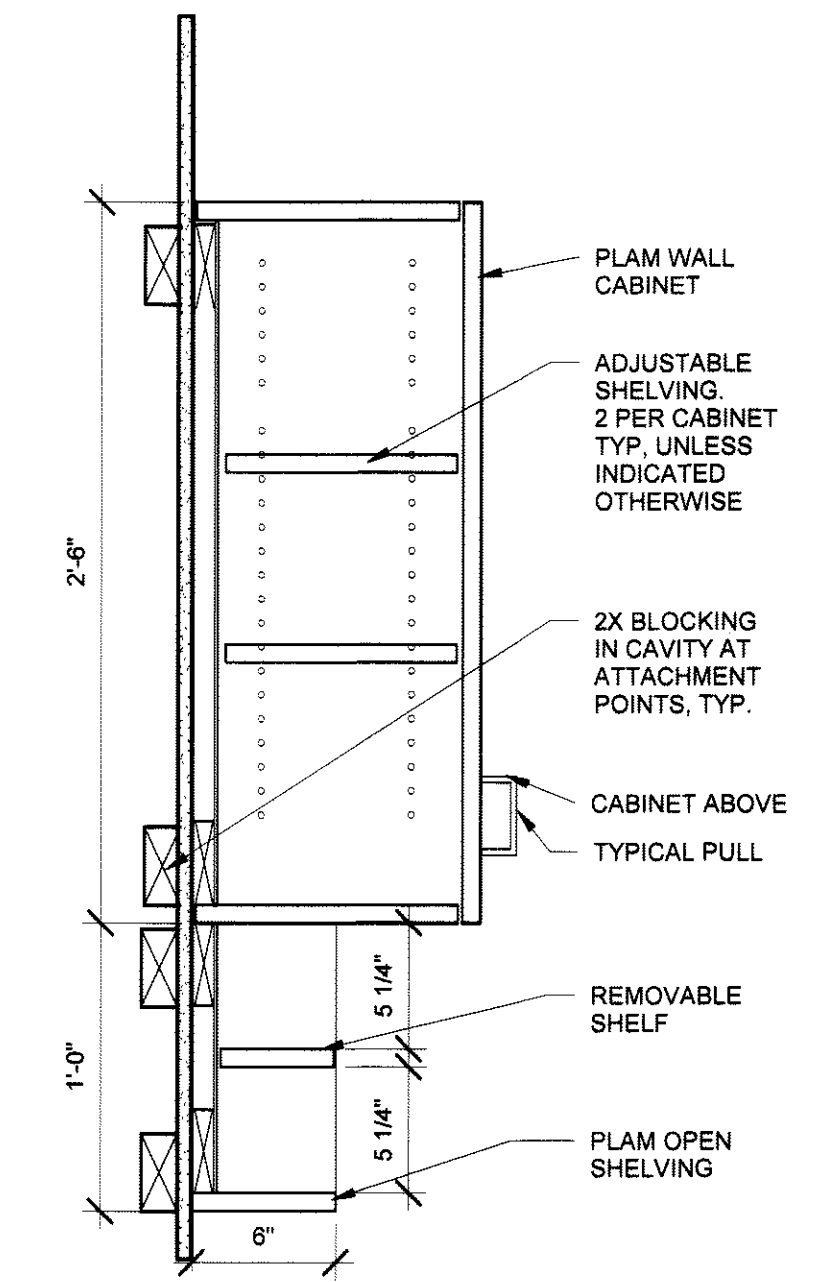
1 ENLARGED PLAN AT PRIVATE TOILET ROOM C101  
3/4" = 1'-0"



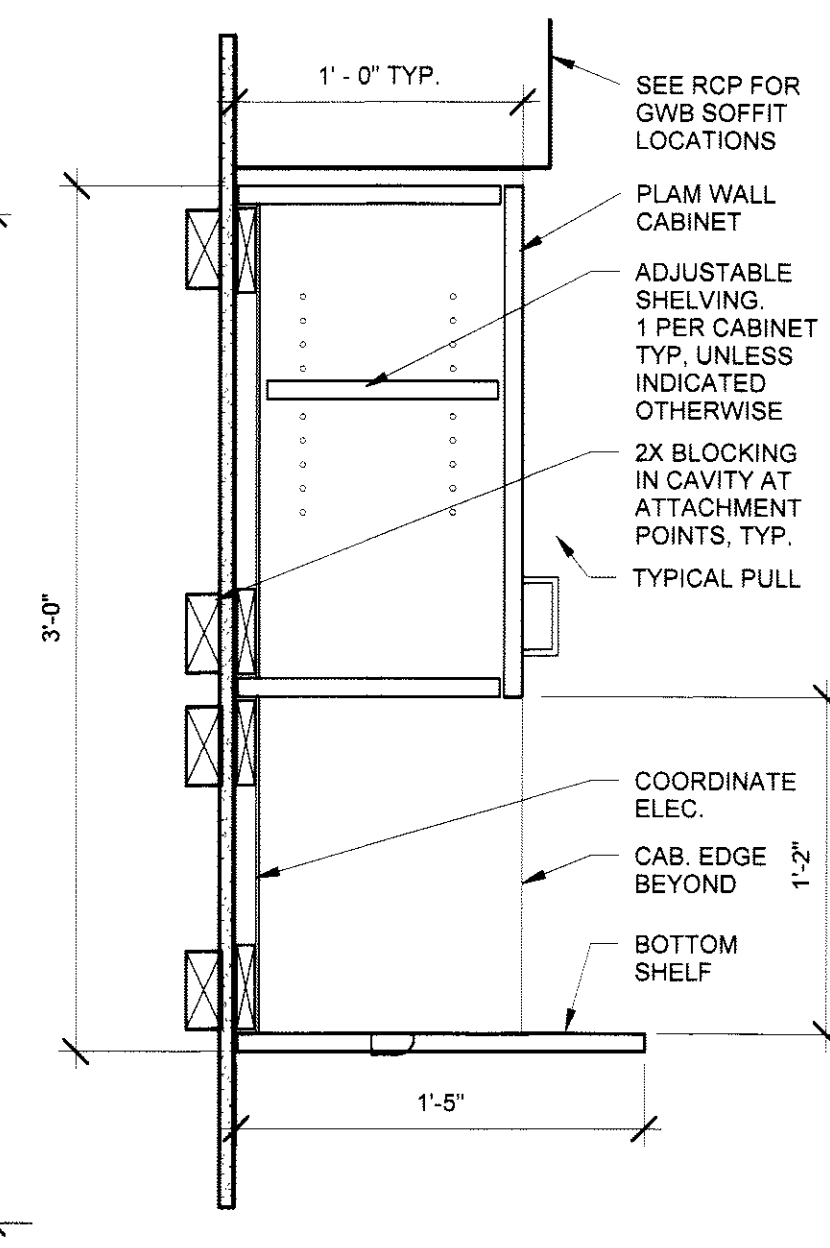
2 PLAN DETAIL AT WALL TO WINDOW INTERSECTION C107-C108  
1 1/2" = 1'-0"



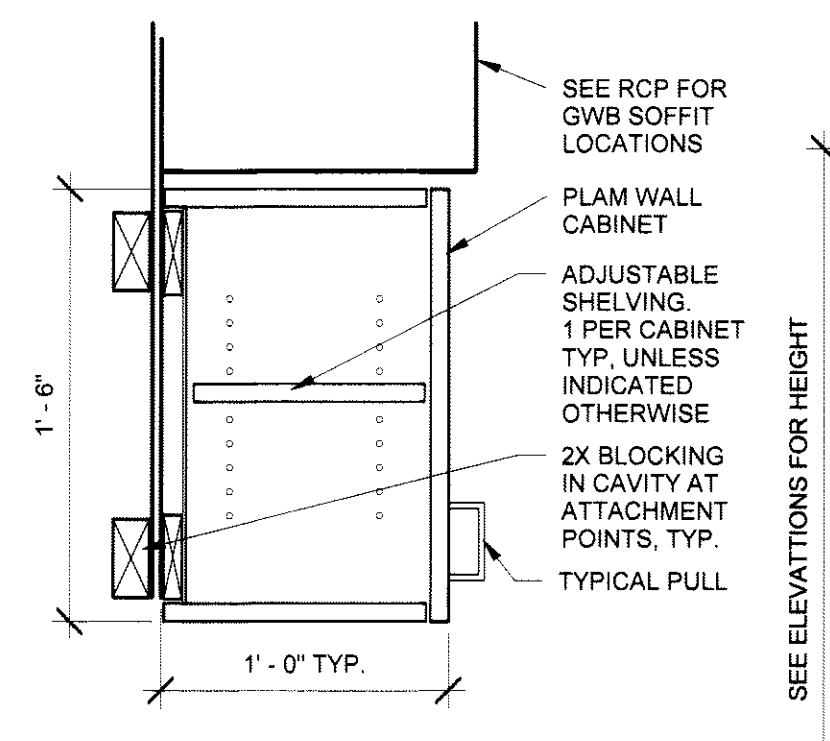
3 PLAN DETAIL AT WALL TO WINDOW INTERSECTION C109-C110  
1 1/2" = 1'-0"



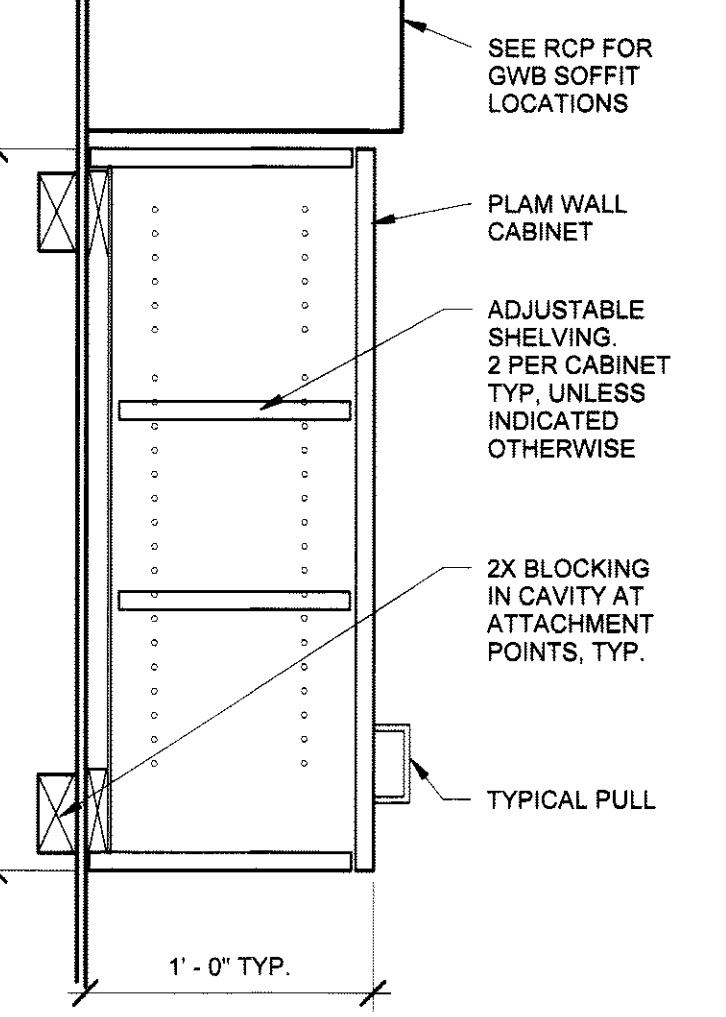
4 UPPER CABINET W/ OPEN SHELVING  
1 1/2" = 1'-0"



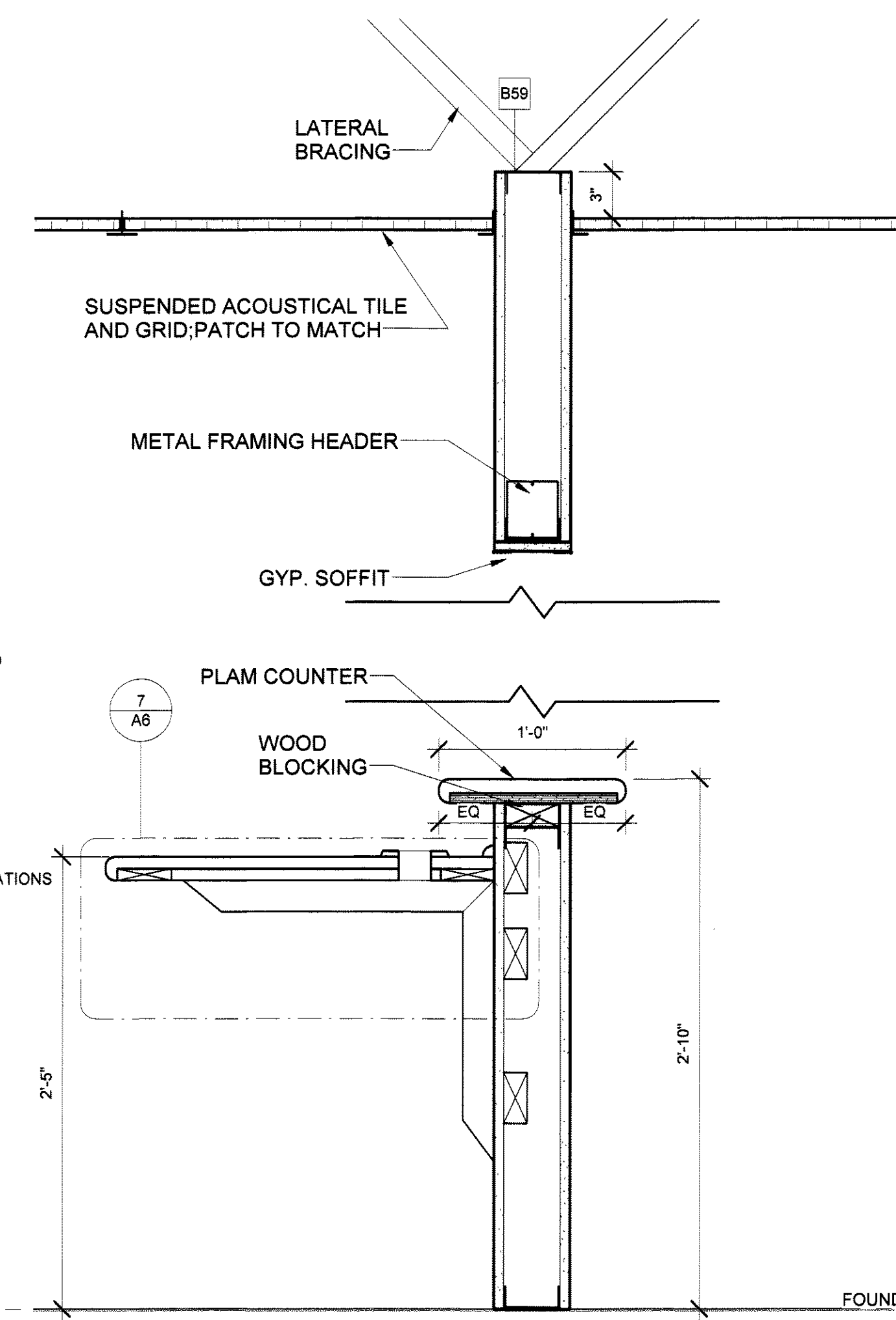
8 CABINET WITH MICROWAVE SHELF  
1 1/2" = 1'-0"



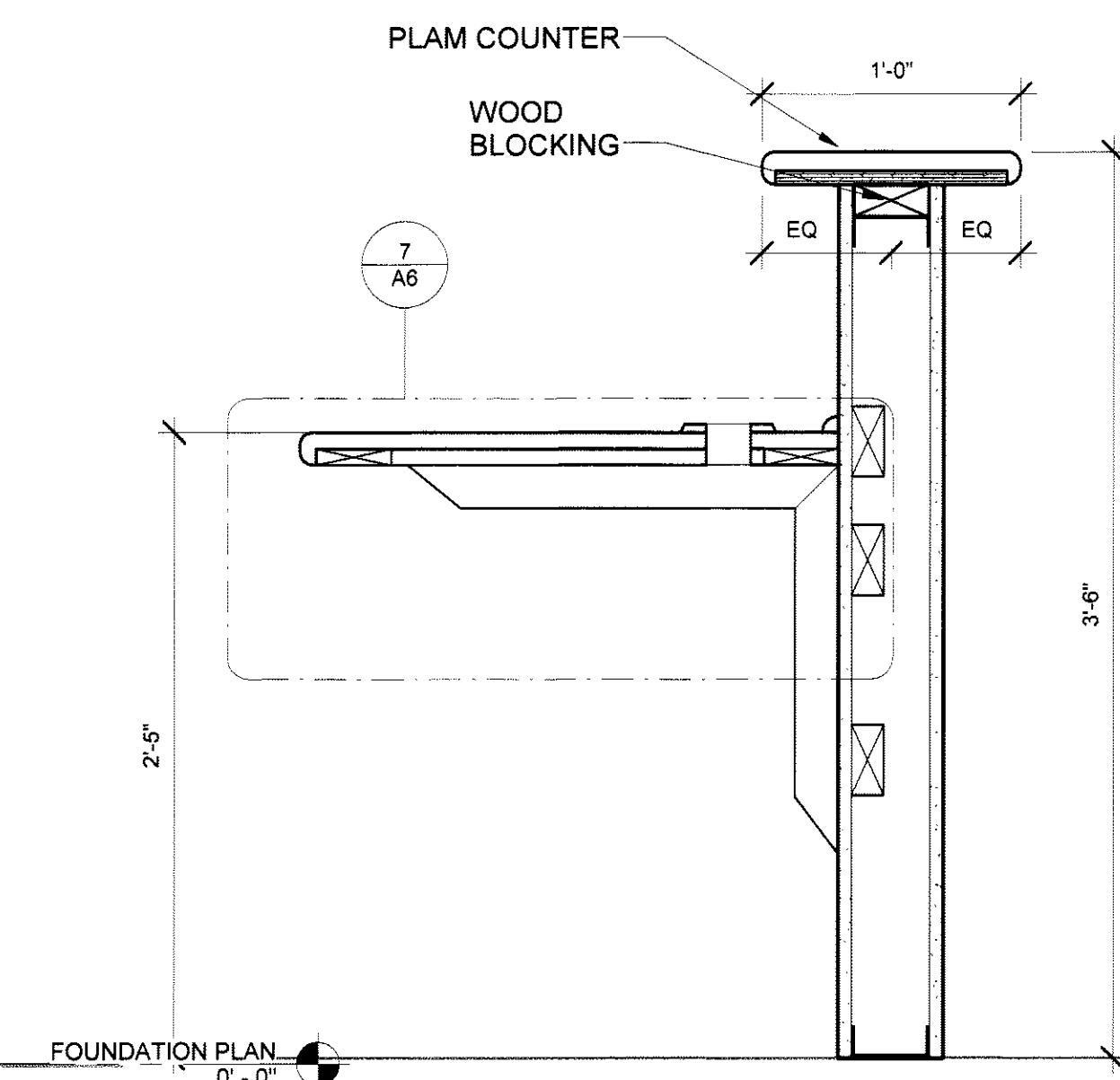
6 UPPER CABINET - 1'-6"  
1 1/2" = 1'-0"



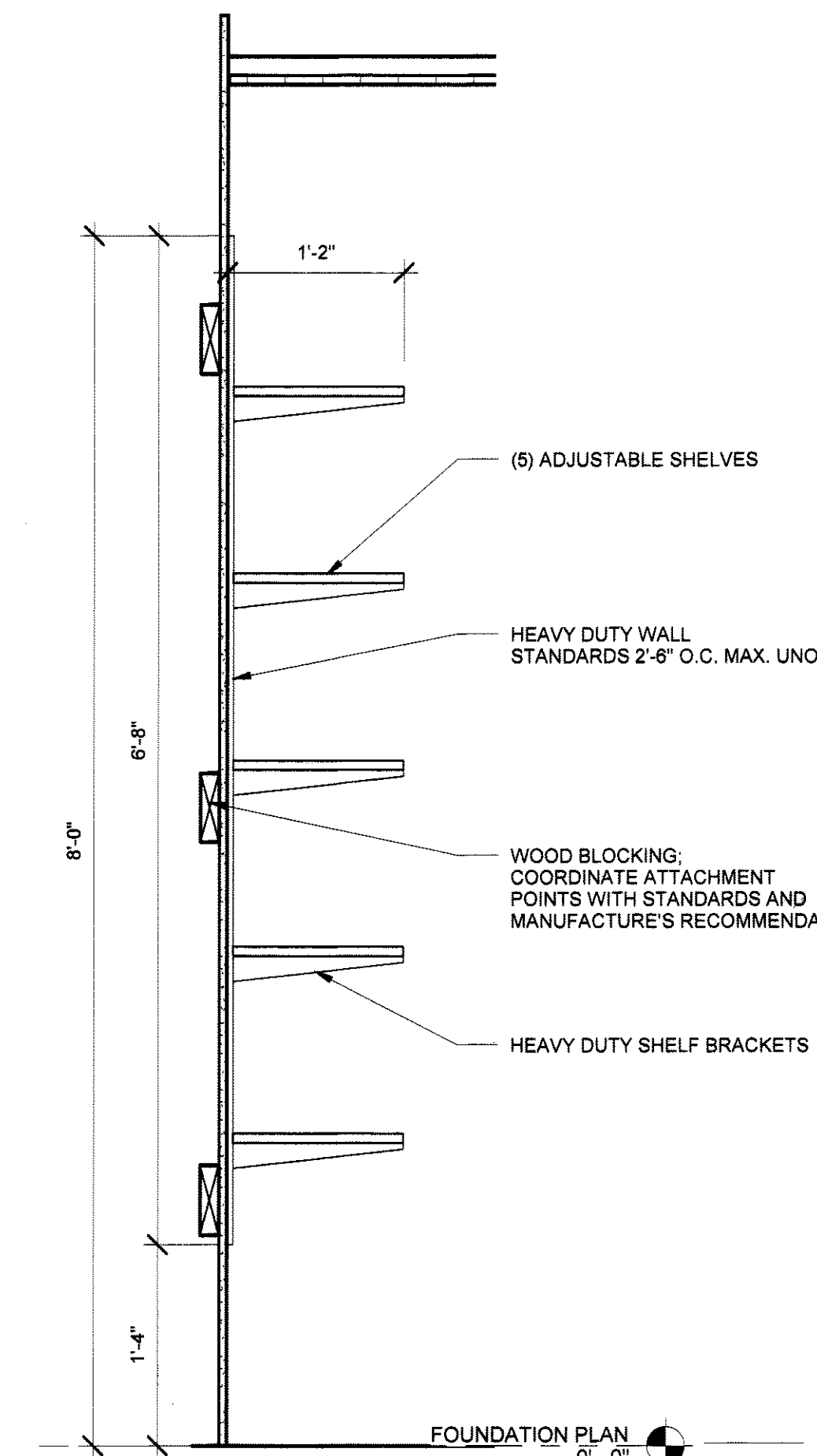
5 UPPER CABINET  
1 1/2" = 1'-0"



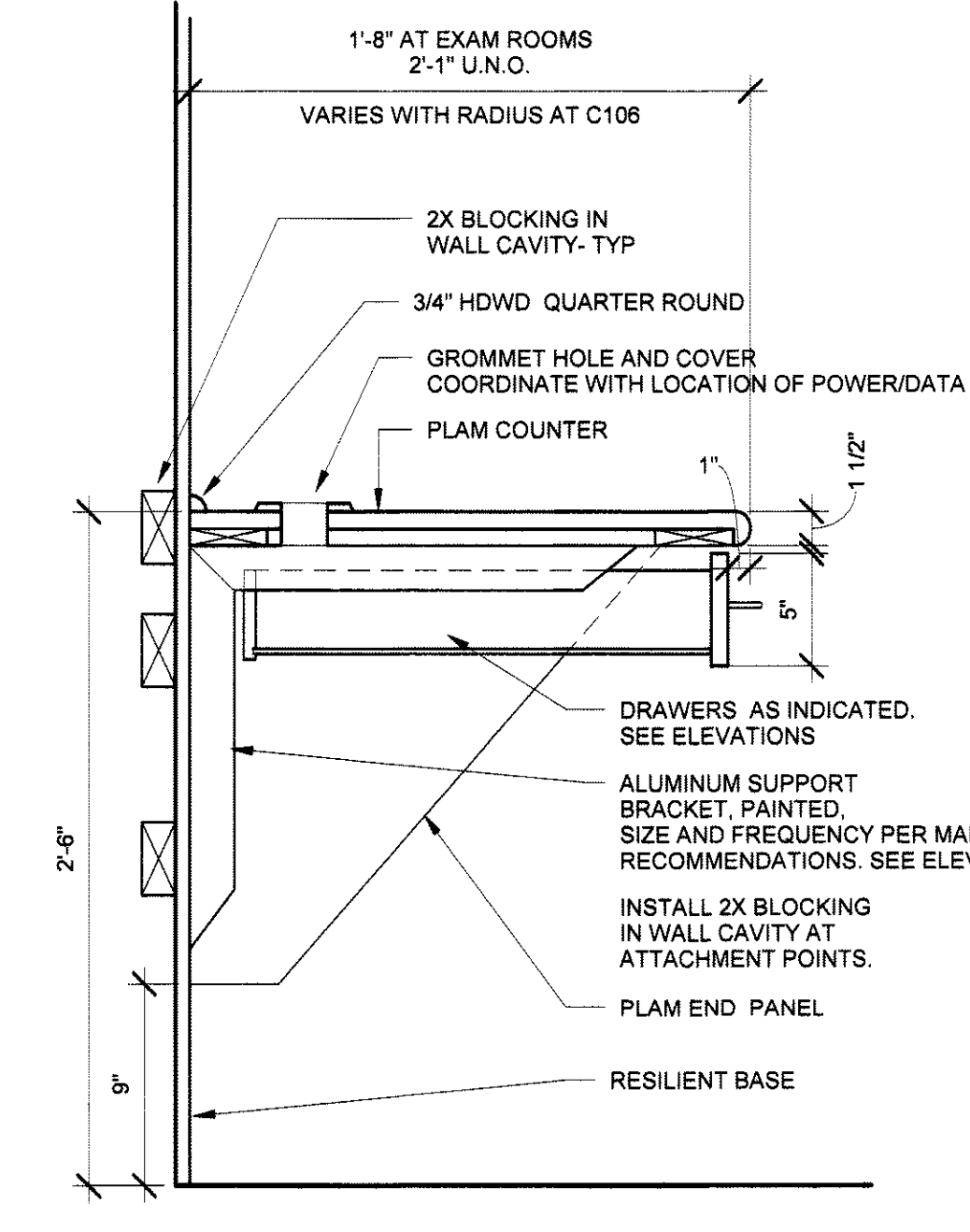
12 TRANSACTION COUNTER DETAIL 2  
1 1/2" = 1'-0"



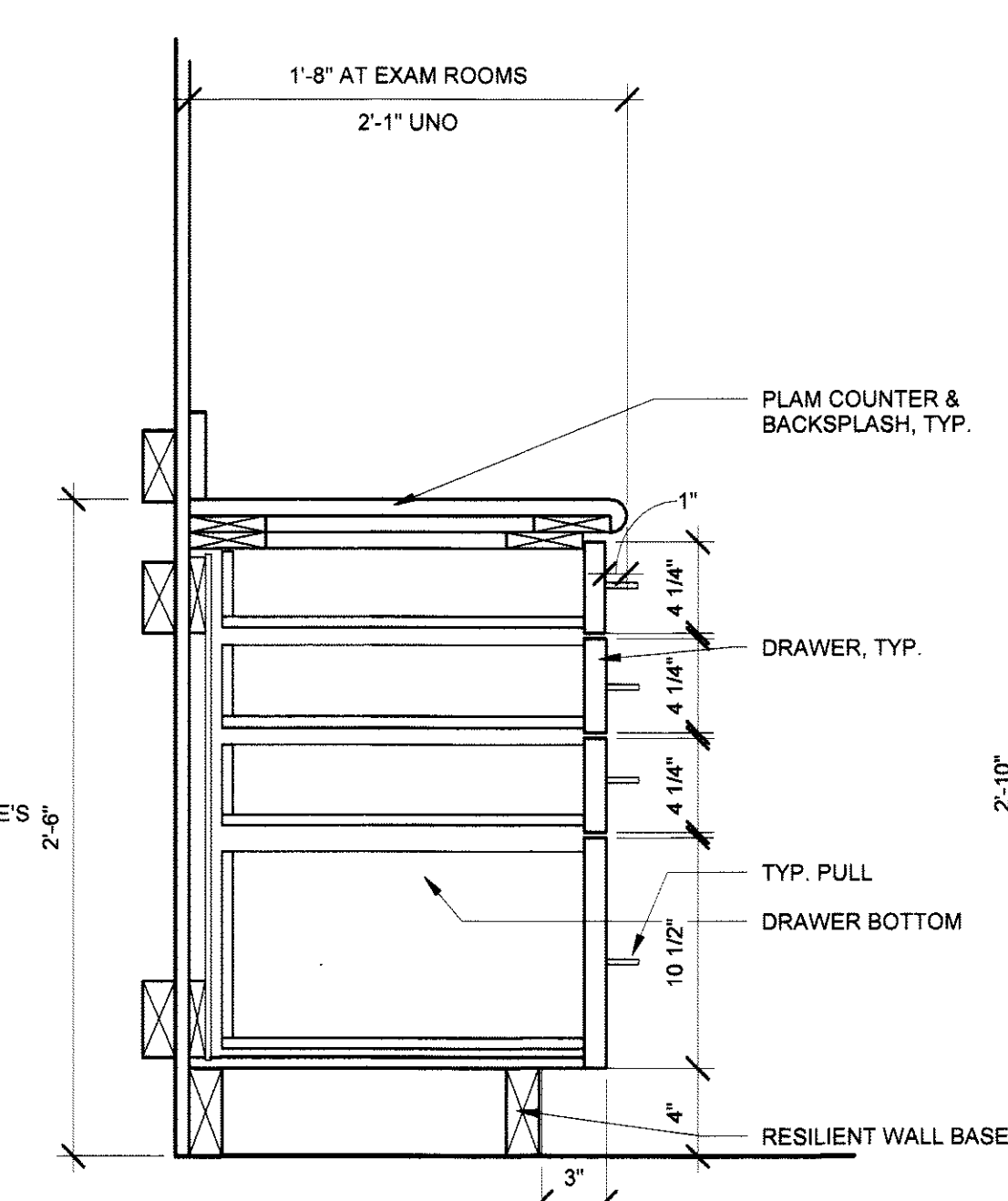
11 TRANSACTION COUNTER DETAIL  
1 1/2" = 1'-0"



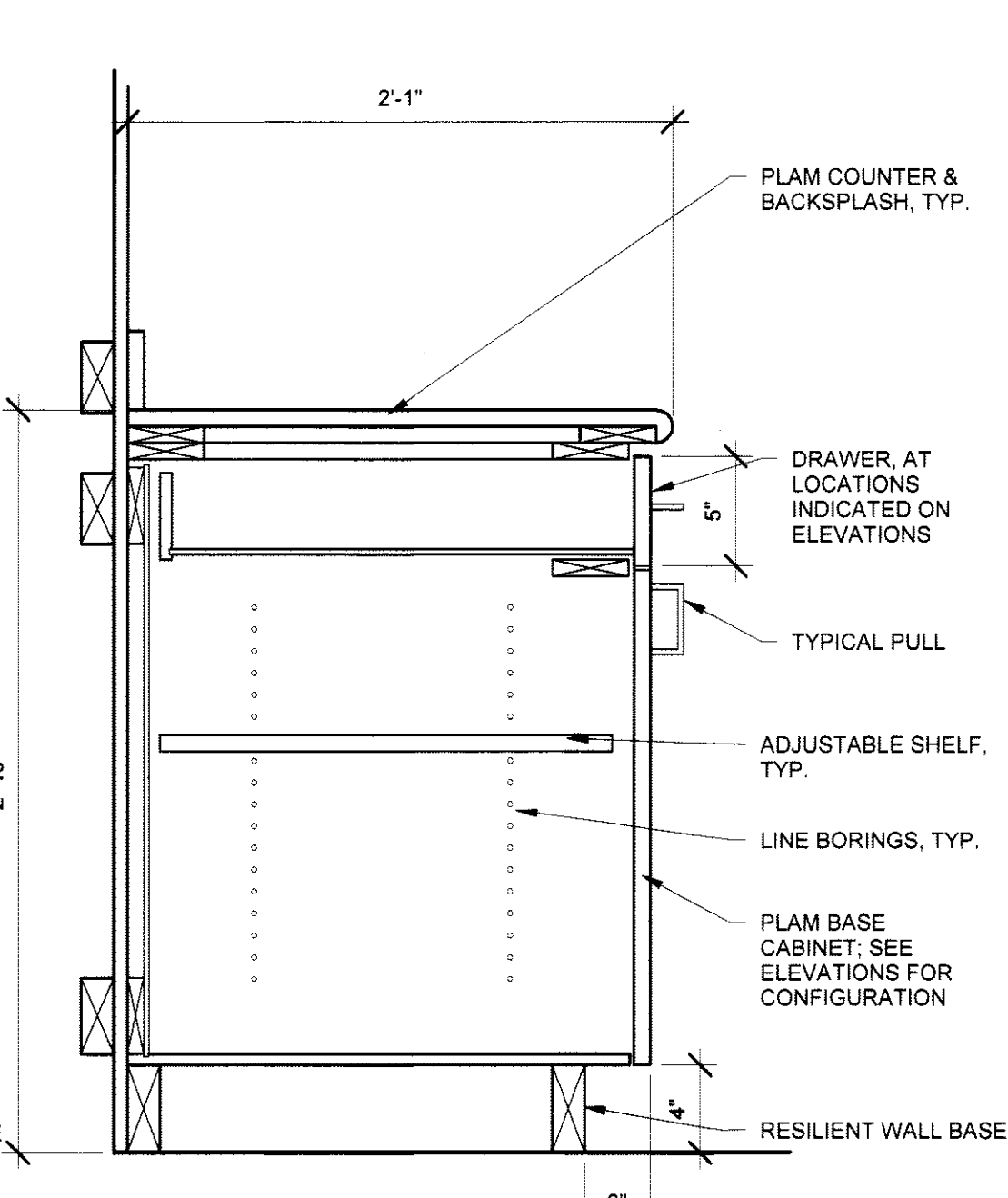
10 ADJUSTABLE SHELVING DETAIL  
1" = 1'-0"



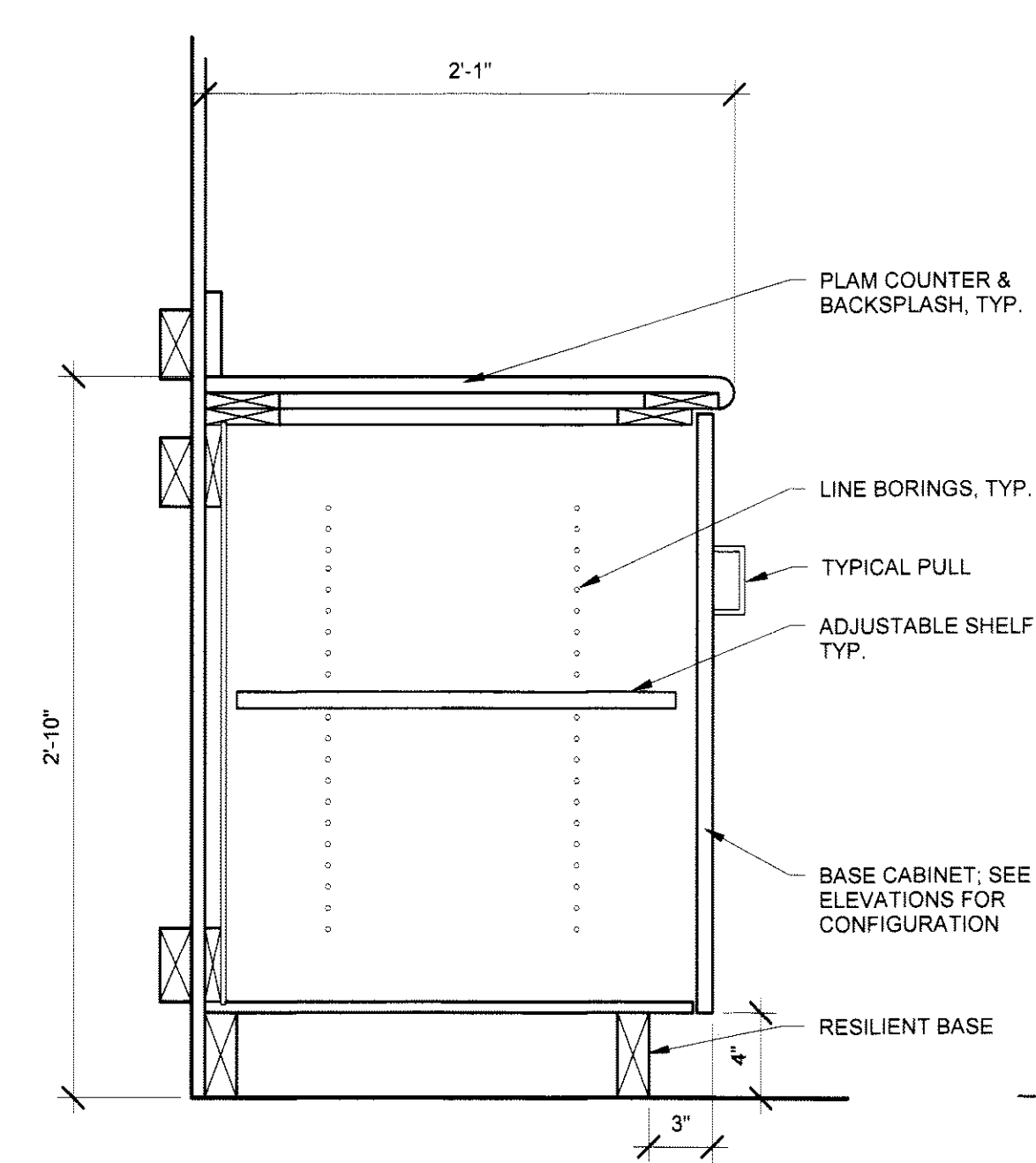
7 TYPICAL COUNTER  
1 1/2" = 1'-0"



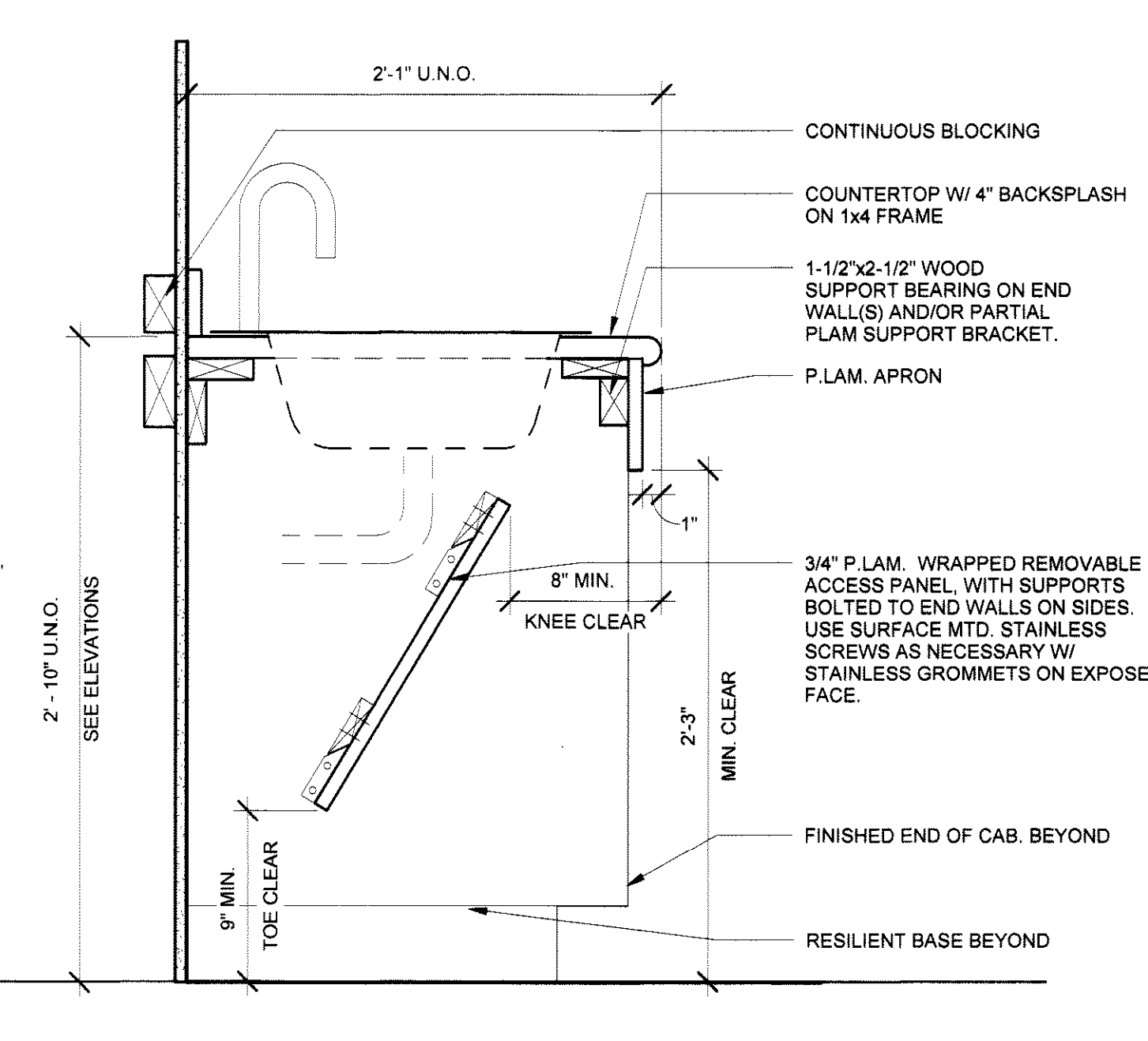
3 BASE CABINET WITH 4 DRAWERS  
1 1/2" = 1'-0"



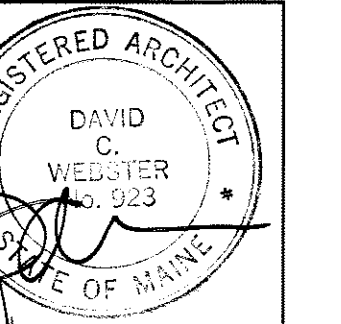
9 BASE CABINET WITH 1 DRAWER  
1 1/2" = 1'-0"



2 BASE CABINET  
1 1/2" = 1'-0"



1 ACCESSIBLE SINK DETAIL  
1 1/2" = 1'-0"



JOB NO.  
12084

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AJK

SCALE:  
As indicated

ISSUE  
PERMIT SET  
JANUARY 17, 2013

TITLE  
DETAILS

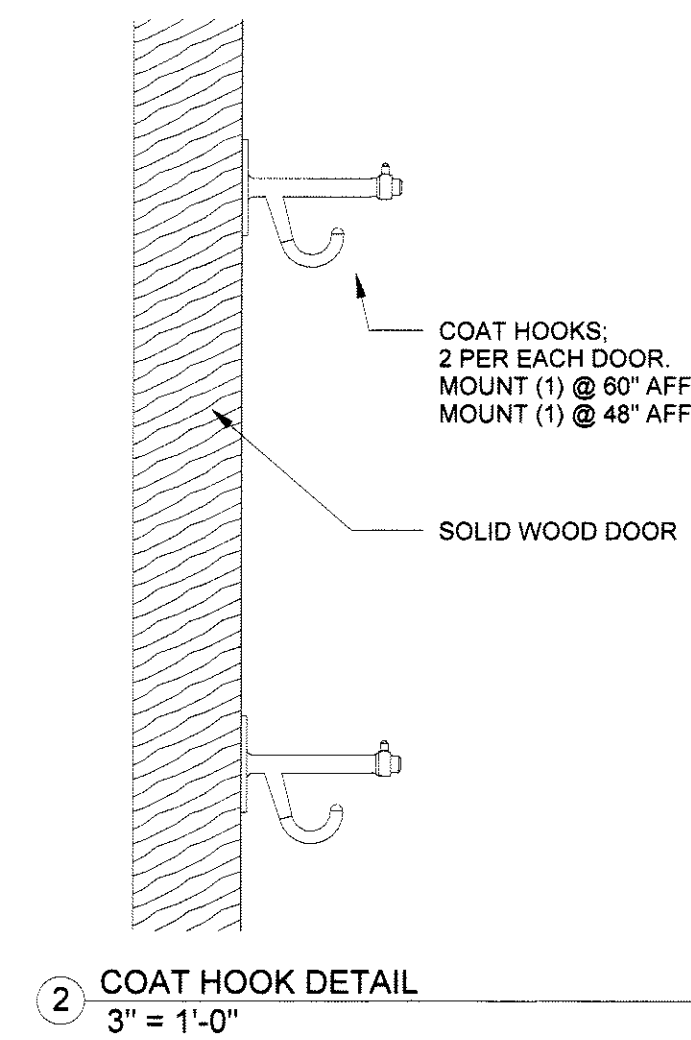
SHEET

A6



DOOR AND FRAME SCHEDULE-PHASE 1									
DOOR NO.	TYPE	WIDTH	HT	MTL	FRAME			FIRE RATING	NOTES
					TYPE	MTL	JAMB		
C100	1A	3' - 0"	6' - 8"		A1	HM		-	
C102	1A	2' - 8"	6' - 8"		A1	HM		-	
C103	1A	3' - 0"	6' - 8"		A1	HM		-	NEW OPENING IN EXISTING WALL TYPE
C104								-	SLIDING CLOSET DOOR 5'-8" (FIN. OPENING) TWO (2) 3'-0" DOORS
C105	1A	3' - 0"	6' - 8"		A1	HM		-	
C107	1A	3' - 0"	6' - 8"		A1	HM		-	
C108	1A	3' - 0"	6' - 8"		A1	HM		-	
C109	1A	3' - 0"	6' - 8"		A1	HM		-	
C110	1A	3' - 0"	6' - 8"		A1	HM		-	
C114	1A	3' - 0"	6' - 8"		A1	HM		-	
C115	1A	3' - 0"	6' - 8"		A1	HM		-	RELOCATE DOOR, FRAME, AND SIDELITE FROM EXISTING CONFERENCE ROOM

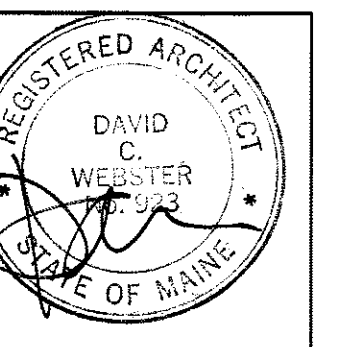
ROOM FINISH SCHEDULE-PHASE 1									
NUMBER	ROOM NAME	Finish Style (Hide)	FLOOR	BASE MATL	WALLS				NOTES
					N	S	E	W	
C100	Corridor	(none)	CPT	VB	P	P	P	P	
C101	Provider Office	OFFICE	CPT	VB	P	P	P	P	
C102	Pvt. Toilet	TOILET	CT	CT	CT	CT	CT	CT	CERAMIC WALL TILE TO MATCH EXISTING.
C103	Stor.	(none)	CPT	VB	P	P	P	P	
C104	Stor.	(none)	CPT	VB	P	P	P	P	
C105	EXAM	(none)	CPT	VB	P	P	P	P	
C106	Check-Out	(none)	CPT	VB	P	P	P	P	
C107	EXAM	(none)	CPT	VB	P	P	P	P	
C108	EXAM	(none)	CPT	VB	P	P	P	P	
C109	EXAM	(none)	CPT	VB	P	P	P	P	
C110	EXAM	(none)	CPT	VB	P	P	P	P	
C111	Kitchen	(none)	RSF	VB	P	P	P	P	RESILIENT SHEET FLOORING
C112	Tech	(none)	CPT	VB	P	P	P	P	
C113	Copy	(none)	CPT	VB	P	P	P	P	
C114	Staff Break	(none)	CPT	VB	P	P	P	P	
C115	Conference	(none)	CPT	VB	P	P	P	P	
C116	Transcript	(none)	CPT	VB	P	P	P	P	
C122	Alcove	(none)	CPT	VB	P	P	P	P	



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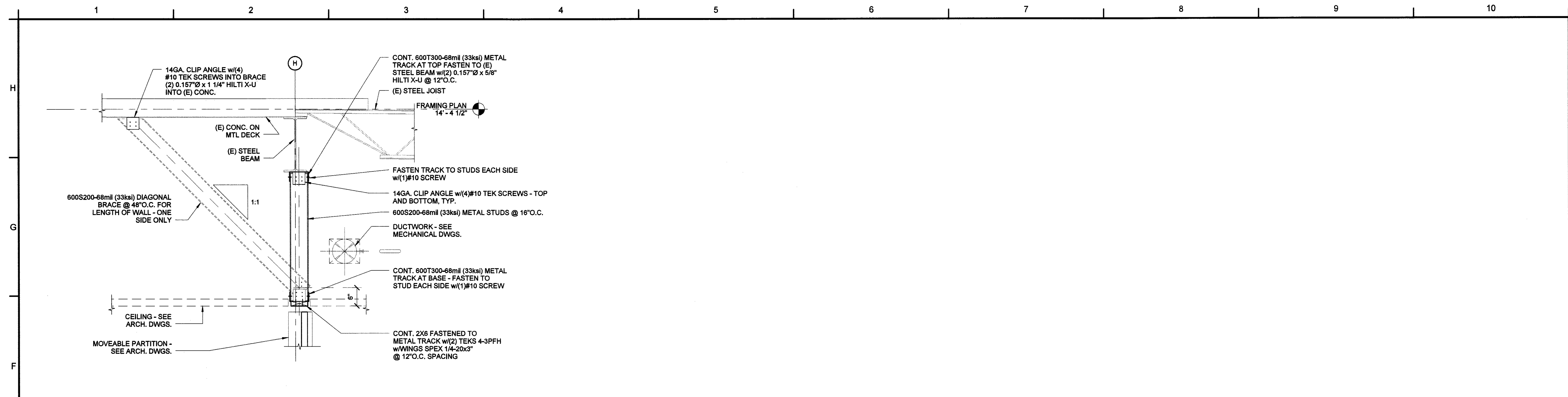
DRWN. CHK  
AJK

SCALE:  
3" = 1'-0"

ISSUE  
PERMIT SET  
JANUARY 17, 2013

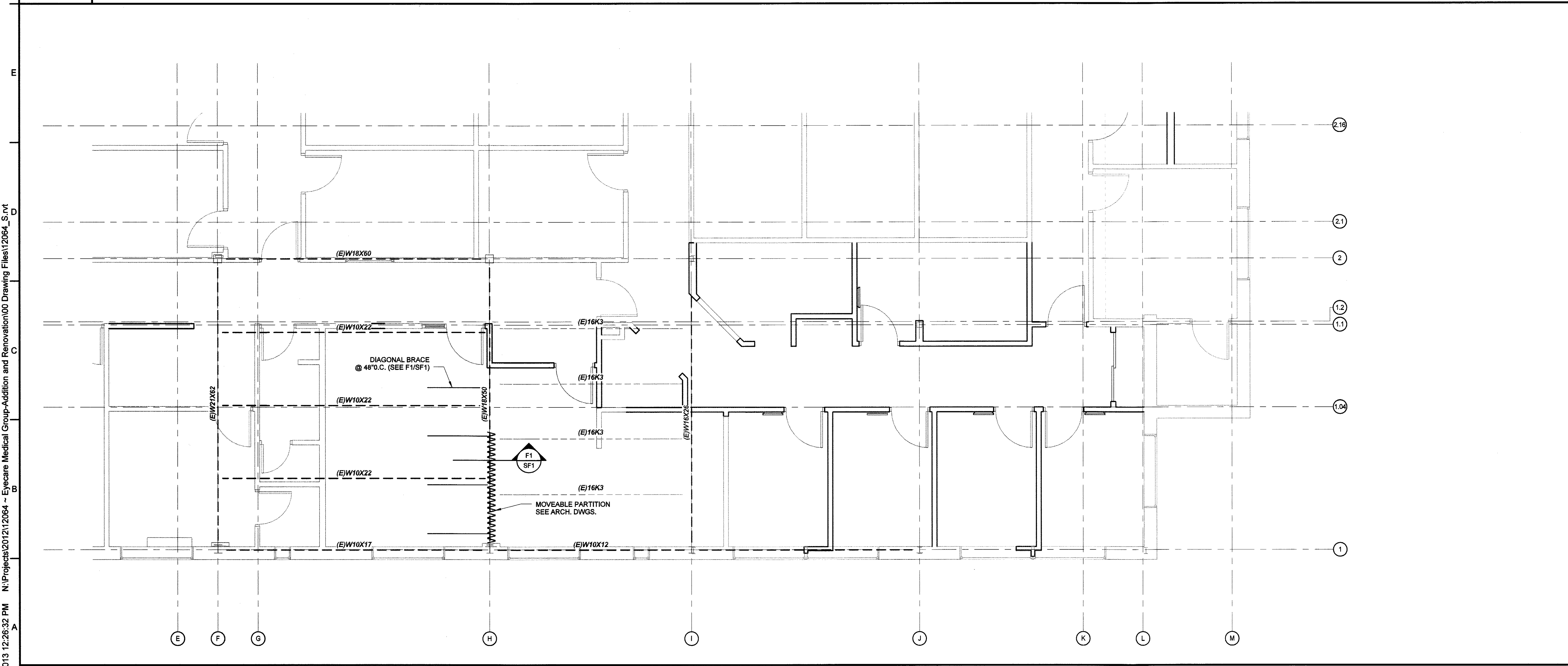
TITLE  
DETAILS, DOOR &  
FIN. SCHEDULE

SHEET  
**A7**



F1  
3/4" = 1'-0"

DETAIL



A1  
1/4" = 1'-0"

STRUCTURAL ~ PARTITION SUPPORT FRAMING PLAN

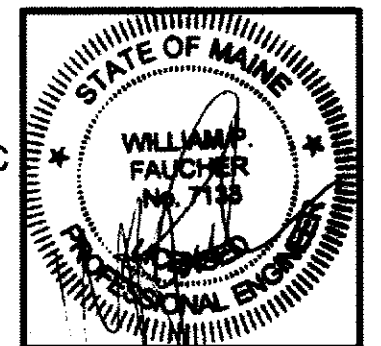
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DRWN. CHK  
PED / WPF

SCALE:  
As indicated

ISSUE:  
Phase 1 Permit Set  
January 17, 2013

TITLE  
STRUCTURAL  
PARTITION  
SUPPORT PLAN

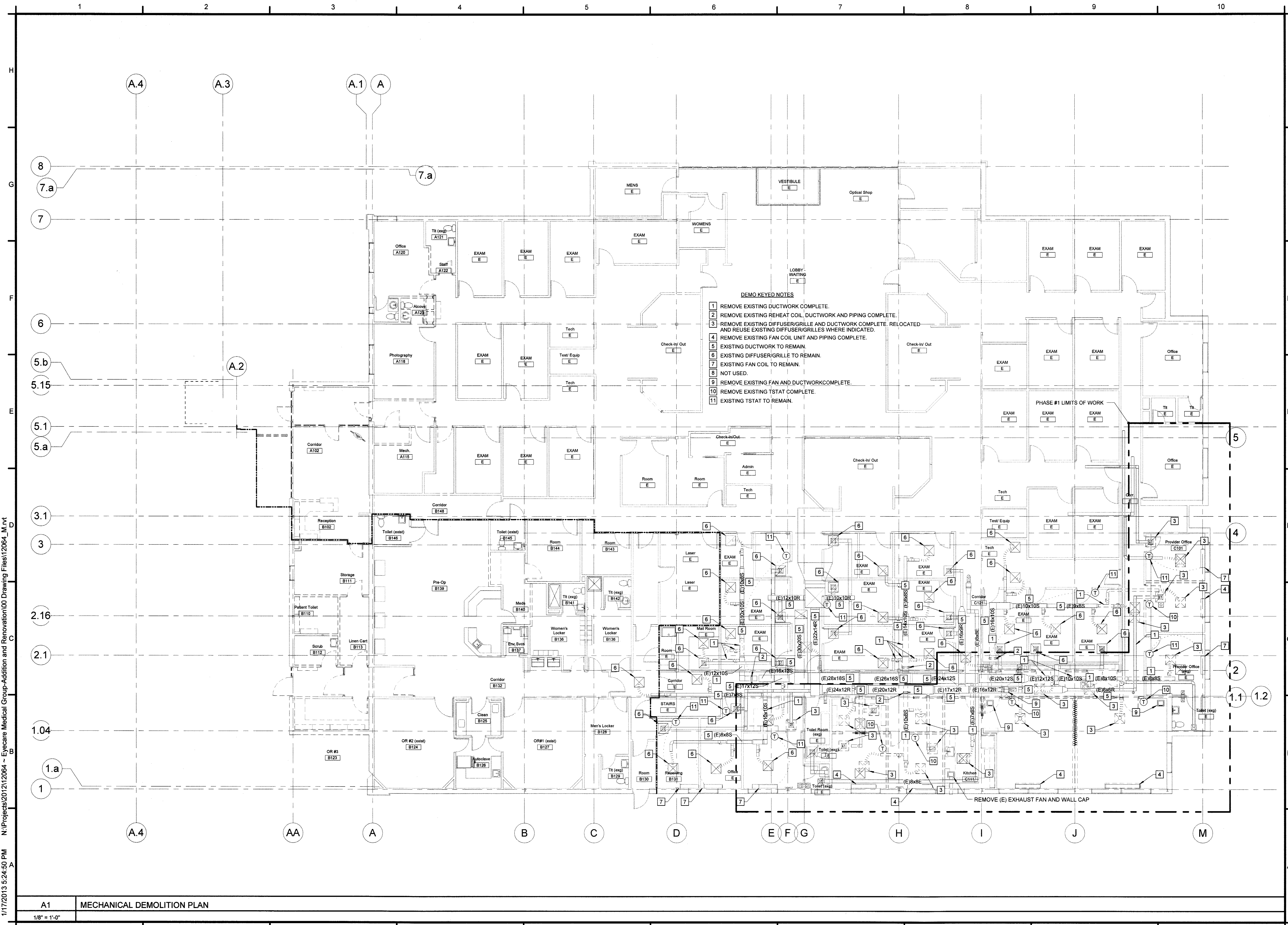
SHEET  
**SF1**

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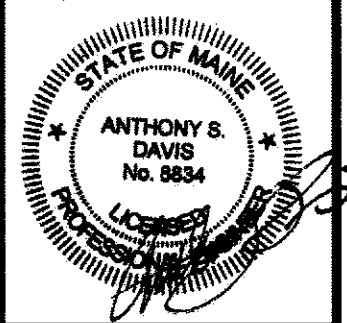
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PDT JOB NO.  
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DRWN. CHK  
 SCL ASD

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

ISSUE:  
 Phase 1 Permit Set  
 January 17, 2013

TITLE  
 MECHANICAL  
 DEMOLITION  
 PLAN

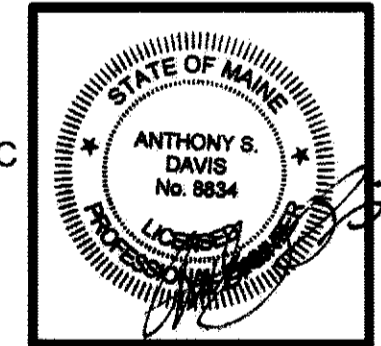
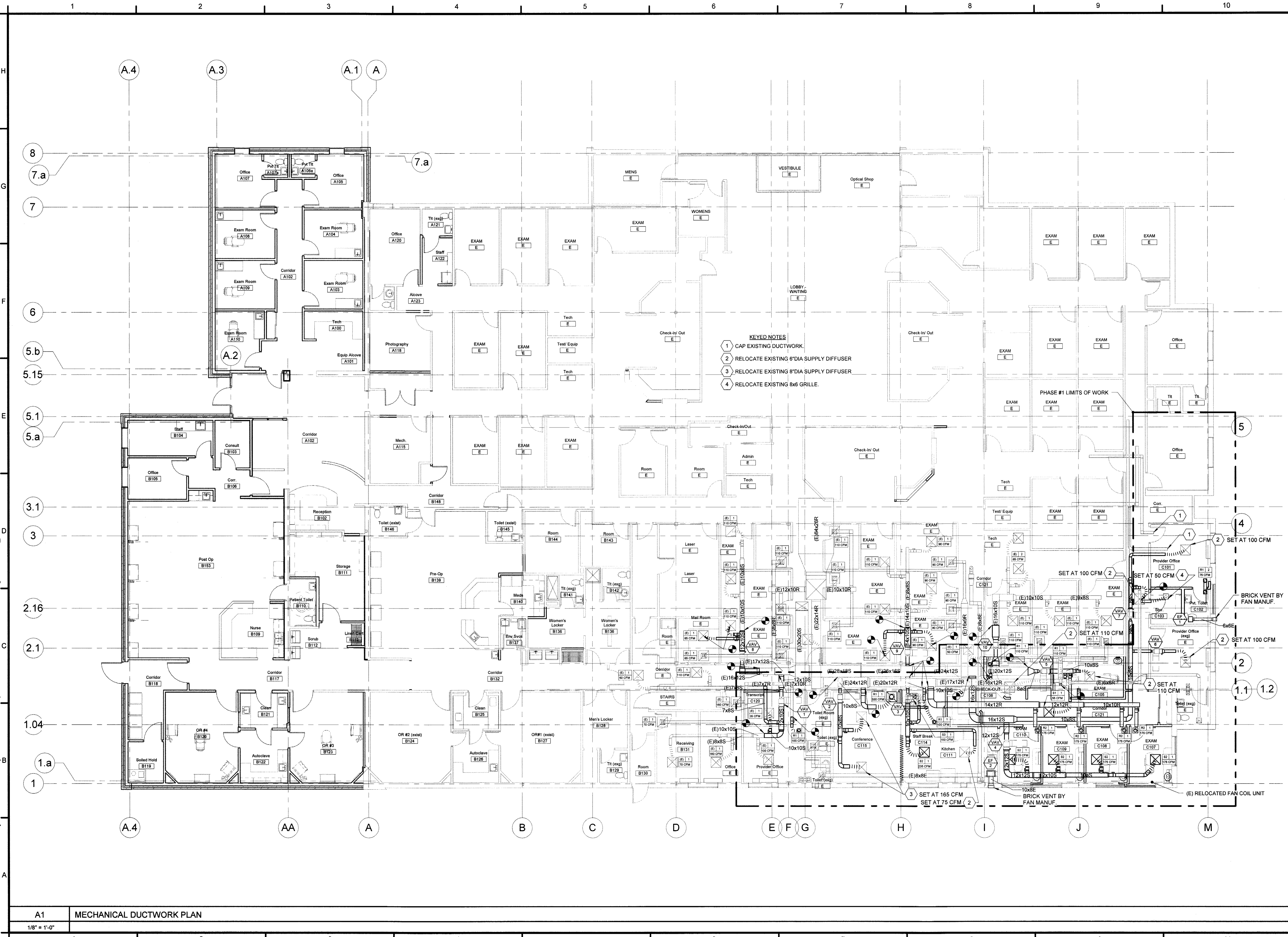
SHEET  
**MD1**

Phase 1 Permit Set ~ 17 January 2013 ~ NOT FOR CONSTRUCTION

A1 MECHANICAL DEMOLITION PLAN

1/8" = 1'-0"

1/17/2013 5:25:00 PM N:\Projects\2012\12064 - Eyecare Medical Group-Addition and Renovation\00 Drawing Files\12064\_M.dwg



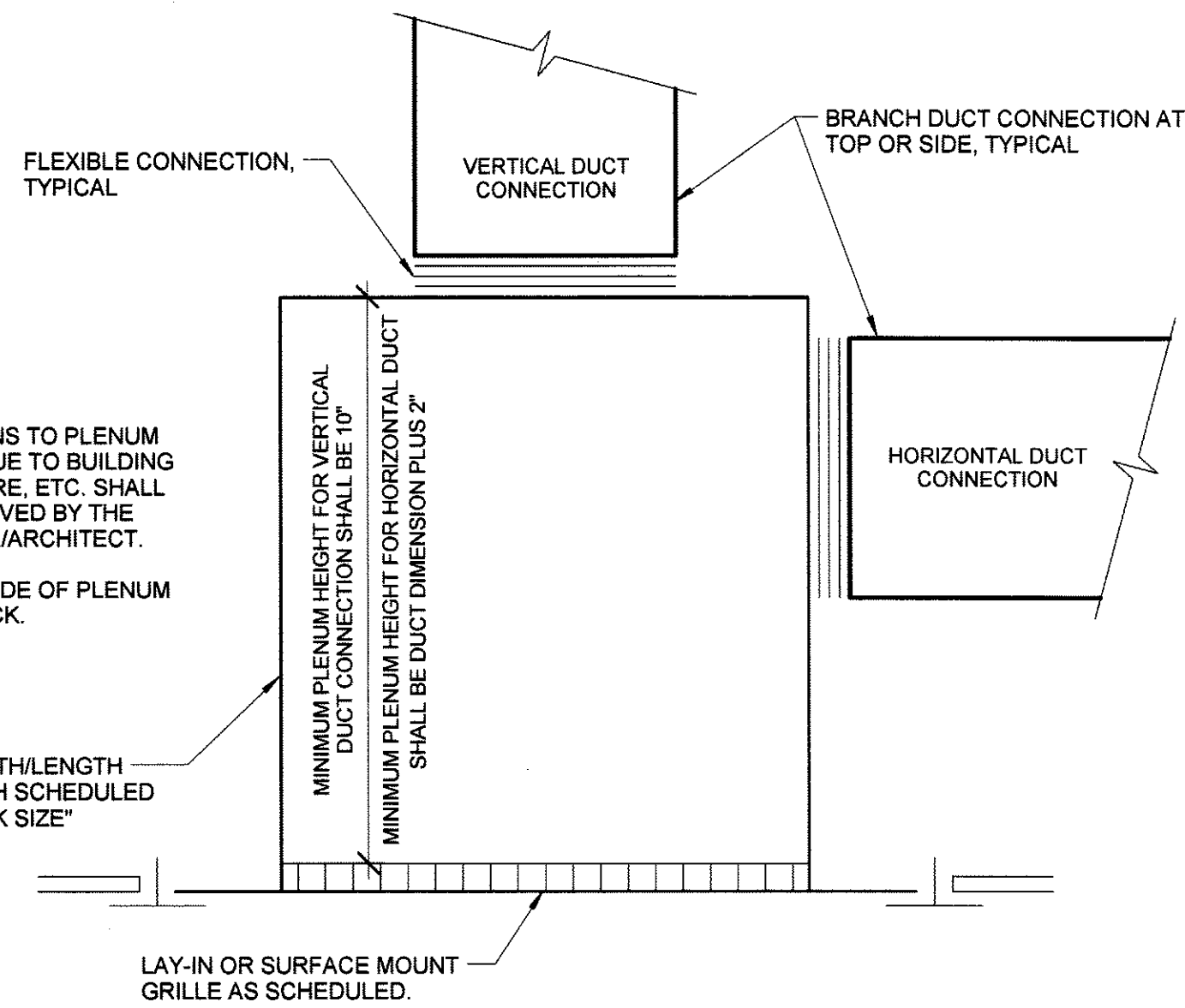
Phase 1 Permit Set ~ 17 January 2013 ~ NOT FOR CONSTRUCTION

A1 MECHANICAL DUCTWORK PLAN  
1/8" = 1'-0"

**NOTES:**

- VARIATIONS TO PLENUM HEIGHT DUE TO BUILDING STRUCTURE, ETC. SHALL BE APPROVED BY THE ENGINEER/ARCHITECT.
- PAINT INSIDE OF PLENUM FLAT BLACK.

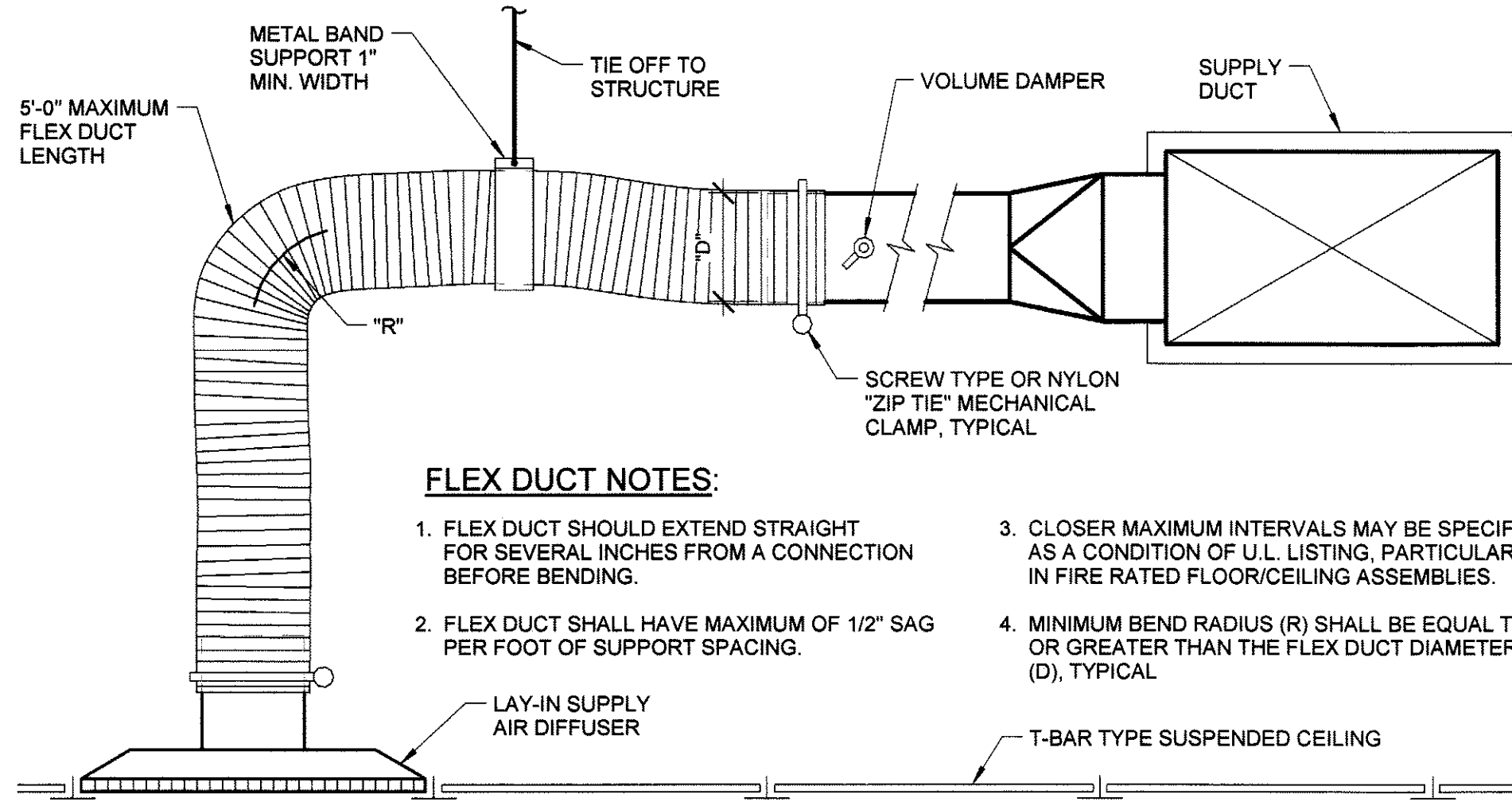
PLENUM WIDTH/LENGTH SHALL MATCH SCHEDULED GRILLE "NECK SIZE"



LAY-IN OR SURFACE MOUNT GRILLE AS SCHEDULED.

**F1** DETAIL - RETURN AIR REGISTER BOOT

12" = 1'-0"



**FLEX DUCT NOTES:**

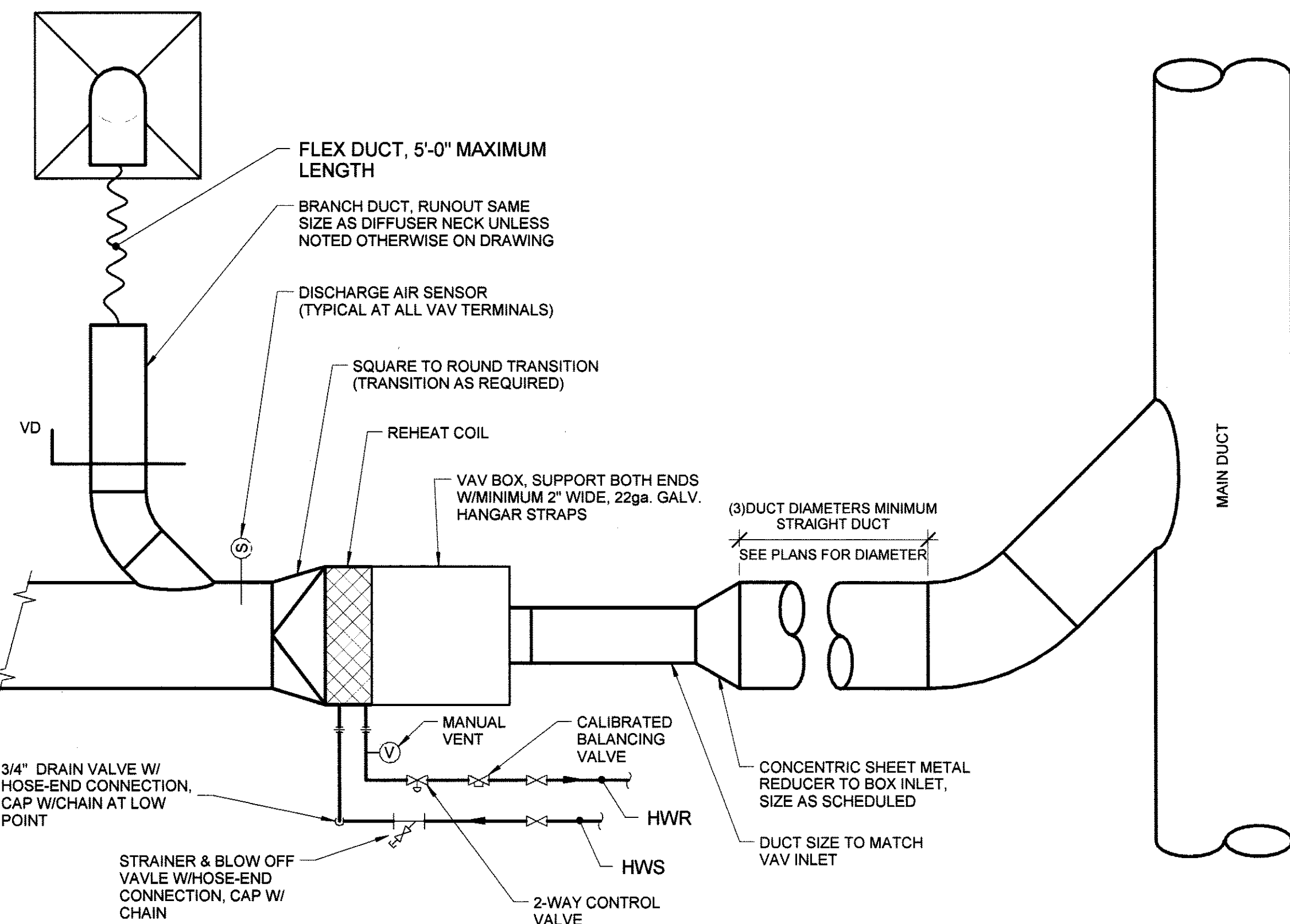
- FLEX DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.
- FLEX DUCT SHALL HAVE MAXIMUM OF 1/2" SAG PER FOOT OF SUPPORT SPACING.
- CLOSER MAXIMUM INTERVALS MAY BE SPECIFIED AS A CONDITION OF U.L. LISTING, PARTICULARLY IN FIRE RATED FLOOR/CEILING ASSEMBLIES.
- MINIMUM BEND RADIUS (R) SHALL BE EQUAL TO OR GREATER THAN THE FLEX DUCT DIAMETER (D), TYPICAL.

LAY-IN SUPPLY AIR DIFFUSER

T-BAR TYPE SUSPENDED CEILING

**D1** DETAIL - SUPPLY AIR BRANCH CONNECTION

12" = 1'-0"



**A1** DETAIL - VAV BOX SCHEMATIC

12" = 1'-0"

**SINGLE DUCT AIR TERMINAL SCHEDULE**

TAG	SERVES	Trane Model No.	INLET SIZE	CFM MIN	CFM RANGE MAX	OUTLET SIZE	MAX RAD. & DISCH. NC	A. P. D. AT MAX. COOLING	MBH	GPM	MAX WPD	EWT	LWT	EAT	LAT	ROWS	RUNOUT SIZE
VAV-1	(E) PROVIDER, (E) OFFICE	VCWF08	8	400	535	11"x 10"	30	0.34"	20.2	1.3	2.3'	140	110	55	90	2	3/4"
VAV-2	CONFERENCE C115	VCWF06	6	200	330	10"x 8"	35	0.32"	12.5	0.8	0.3'	140	110	55	90	2	1/2"
VAV-3	STAFF BREAK, C114 KITCHEN C111	VCWF08	8	285	410	11"x 10"	30	0.34"	15.5	1.0	2.3'	140	110	55	90	2	1/2"
VAV-4	EXAM C107,108,109,110	VCWF10	10	700	700	14"x12"	30	0.34"	26.5	1.8	2.2'	140	110	55	90	2	3/4"
VAV-5	EXAM C105 & 106	VCWF05	5	275	275	10"x 8"	30	0.17"	10.4	0.7	0.3'	140	110	55	90	2	1/2"
VAV-6	(E) PROVIDER OFFICE	VCWF04	4	70	100	10"x 8"	30	0.03"	3.8	0.3	0.3'	140	110	55	90	2	1/2"
VAV-7	PROVIDER OFFICE C101	VCWF05	5	115	165	10"x 8"	30	0.17"	6.2	0.4	0.3'	140	110	55	90	2	1/2"
VAV-8	(E) EXAM	VCWF08	8	395	395	11"x 10"	30	0.34"	14.9	1.0	2.3'	140	110	55	90	2	1/2"
VAV-9	(E) EXAM	VCWF08	8	600	600	11"x 10"	30	0.34"	22.7	1.5	2.3'	140	110	55	90	2	3/4"
VAV-10	(E) EXAM	VCWF08	8	450	450	11"x 10"	30	0.34"	17.0	1.1	2.3'	140	110	55	90	2	1/2"

**NOTES:**

- VAV BOX MANUFACTURER: BOX, AIRFLOW PICKUP, AND HW COIL.
- CONTROL CONTRACTOR: DAMPER ACTUATOR, VALVE ACTUATOR, TRANSFORMERS, AND LOW VOLTAGE WIRING.
- ELECTRICAL CONTRACTOR, LINE VOLTAGE SIDE OF TRANSFORMERS.

**REGISTERS - GRILLES - DIFFUSERS (RGD) SCHEDULE**

TAG	PRICE MODEL	TYPE	NECK SIZE	FACE SIZE	CFM RANGE	MAX TOTAL P.D. (IN.W.C.)	MAX NC LEVEL	BORDER TYPE	BLOW	NOTES
S-1	SCD	SQ. CEILING SUPPLY DIFFUSER	6" DIA	24" X 24"	0-150	0.07"	16	LAY-IN	4-WAY	
S-2	SCD	SQ. CEILING SUPPLY DIFFUSER	8" DIA	24" X 24"	151-275	0.07"	19	LAY-IN	4-WAY	
S-3	SCD	SQ. CEILING SUPPLY DIFFUSER	6" DIA	12" X 12"	0-150	0.07"	19	SURFACE MT.	4-WAY	
R-1	530	STEEL RETURN GRILLE, 3/4" SPACING, 35 DEG VANES	8" X 8"	8" X 8"	0-170	0.05"	23	SURFACE MT.	-----	
R-2	530	STEEL RETURN GRILLE, 3/4" SPACING, 35 DEG VANES	12" X 12"	12" X 12"	171-300	0.05"	27	SURFACE MT.	-----	
R-3	530	STEEL RETURN GRILLE, 3/4" SPACING, 35 DEG VANES	22" X 22"	22" X 22"	301-550	0.03"	23	LAY-IN	-----	

**FAN SCHEDULE**

TAG	SERVES	MANUFACTURER-MODEL	TYPE	DRIVE	CFM	SP (IN. W.C.)	MAX RPM	ELECTRICAL						MAX SONES	WEIGHT (LBS.)	DAMPER	NOTES		
								MAX BHP	MOTOR HP	MOTOR SPEED	VFD FURN. BY	STARTER FURN. BY	DISC SWITCH FURN. BY					VOLTS/ PH	
EF-1	PVT. TOILET C102	COOK-GC-142	CEILING	DIRECT	75	0.375	1000	-	54.4 W	-	-	-	-	DIV 26	115/1	2.2	15	BDD	1
EF-2	KITCHEN C111	COOK-GC-1620	CEILING	DIRECT	250	0.375	824	-	163 W	-	-	-	-	DIV 26	115/1	2.7	35	BDD	1

1. PROVIDE VARIABLE SPEED CONTROLLER AND BRICK VENT

**A5** SCHEDULES - MECHANICAL

NONE

**P D T**

**ARCHITECTS**

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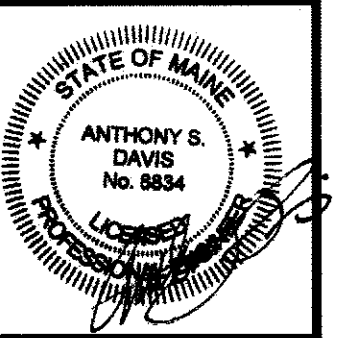
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DRWN. CHK  
SCL ASD

SCALE:  
12" = 1'-0"

ISSUE:  
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January 17, 2013

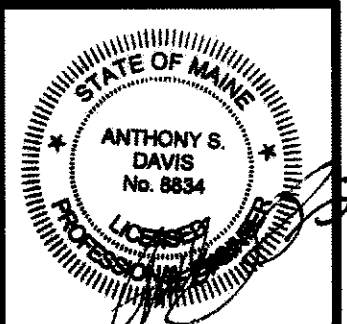
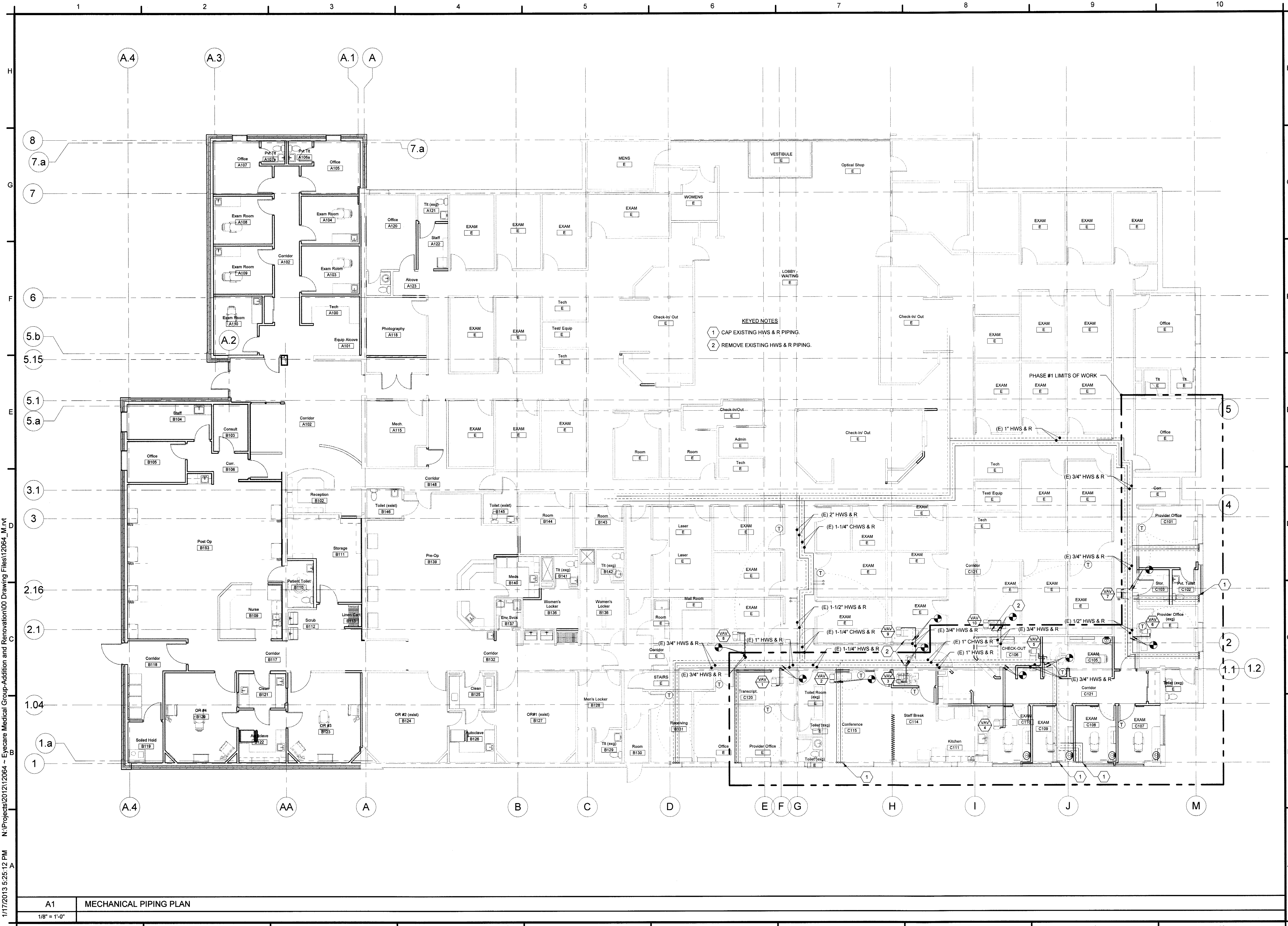
TITLE  
MECHANICAL SCHEDULES, DETAILS AND NOTES

SHEET  
**MH5**

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1/17/2013 5:25:12 PM N:\Projects\2012\12064 - Eyecare Medical Group-Addition and Renovation\00 Drawing Files\12064\_M\_rvt



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A1  
MECHANICAL PIPING PLAN  
1/8" = 1'-0"

1	2	3	4	5	6	7	8	9	10

**E1 SYMBOLS LEGEND**  
12" = 1'-0"

                                    	                                 	   	   	   	   	                 & symbol"/> % symbol"/>
--	--	--	--	--	--	--

**A1 PIPING LINETYPE LEGEND**  
12" = 1'-0"

**A5 ABBREVIATIONS**  
12" = 1'-0"

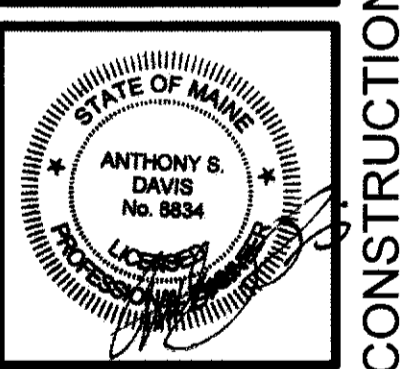
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SCALE: 12" = 1'-0"

ISSUE: Phase 1 Permit Set January 17, 2013

TITLE PLUMBING AND HVAC ABBREVIATIONS AND LEGENDS

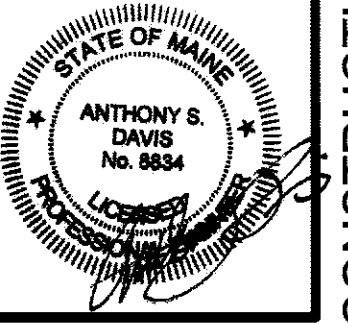
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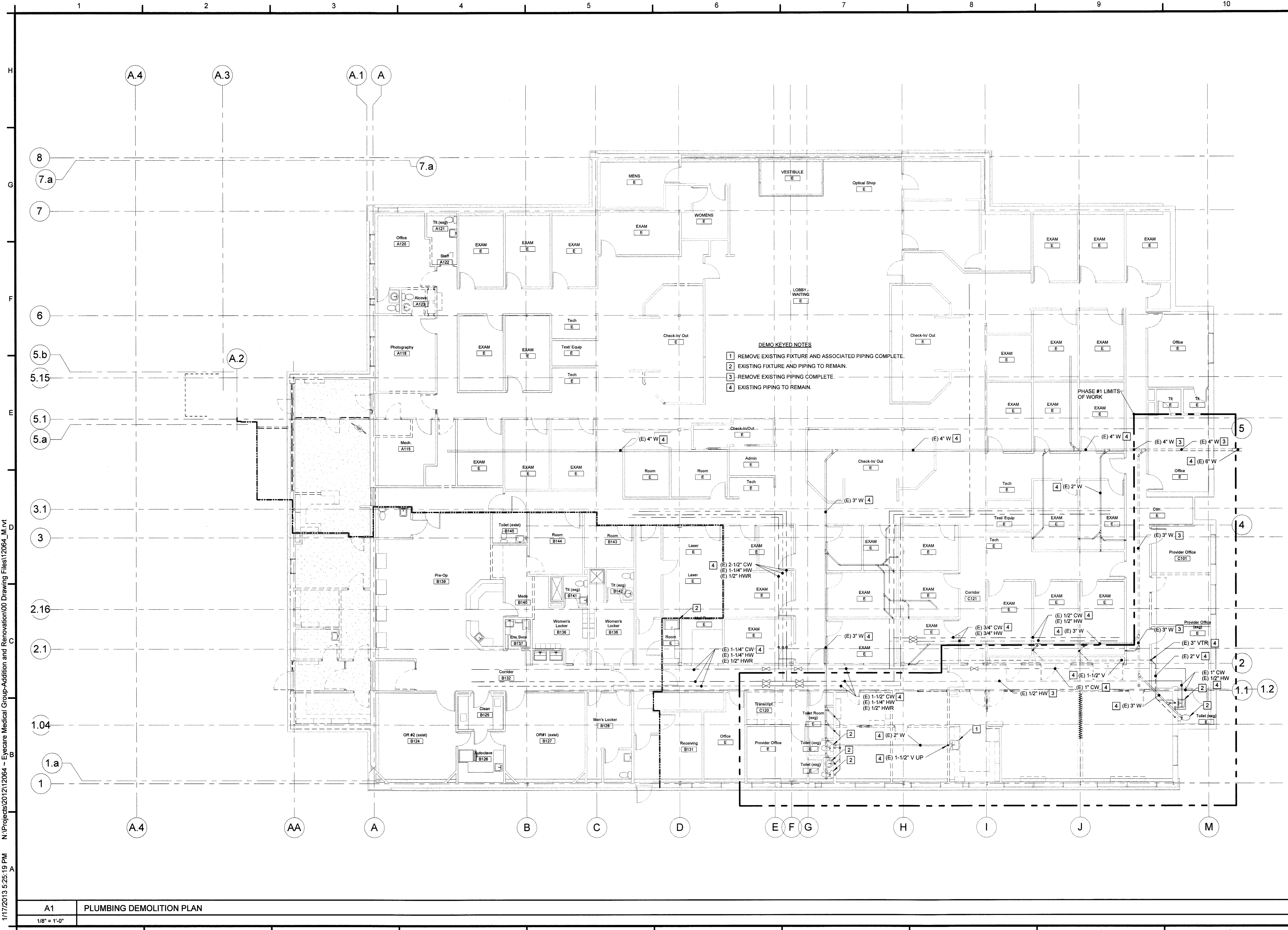
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**DEMO KEYED NOTES**

- 1 REMOVE EXISTING FIXTURE AND ASSOCIATED PIPING COMPLETE.
- 2 EXISTING FIXTURE AND PIPING TO REMAIN.
- 3 REMOVE EXISTING PIPING COMPLETE.
- 4 EXISTING PIPING TO REMAIN.

PHASE #1 LIMITS OF WORK

1/17/2013 5:25:19 PM N:\Projects\2012\12084 - Eyecare Medical Group-Addition and Renovation\00 Drawing Files\12084\_M.plt

A1 PLUMBING DEMOLITION PLAN  
 1/8" = 1'-0"



PLUMBING FIXTURE SCHEDULE						
TAG	DESCRIPTION	BRANCH SIZES				NOTES
		CW	HW	VENT	WASTE	
P-1	WATER CLOSET - TANK TYPE	1/2"	---	2"	3"	
P-2	LAVATORY, WALL MOUNT	1/2"	1/2"	1-1/2"	1-1/2"	
P-3	HAND SINK	1/2"	1/2"	1-1/2"	1-1/2"	
P-4	KITCHEN SINK W/ RESIDENTIAL DISHWASHER (DW)	1/2"	1/2"	1-1/2"	2"	PIPE TO DISHWASHER TEE WITH AIR GAP PER CODE

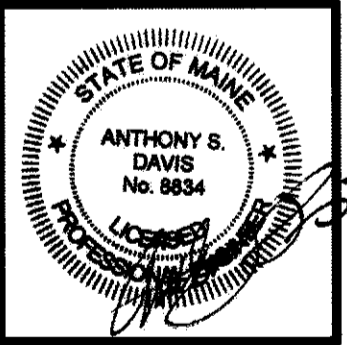
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SCALE: 1/8" = 1'-0"

ISSUE: Phase 1 Permit Set January 17, 2013

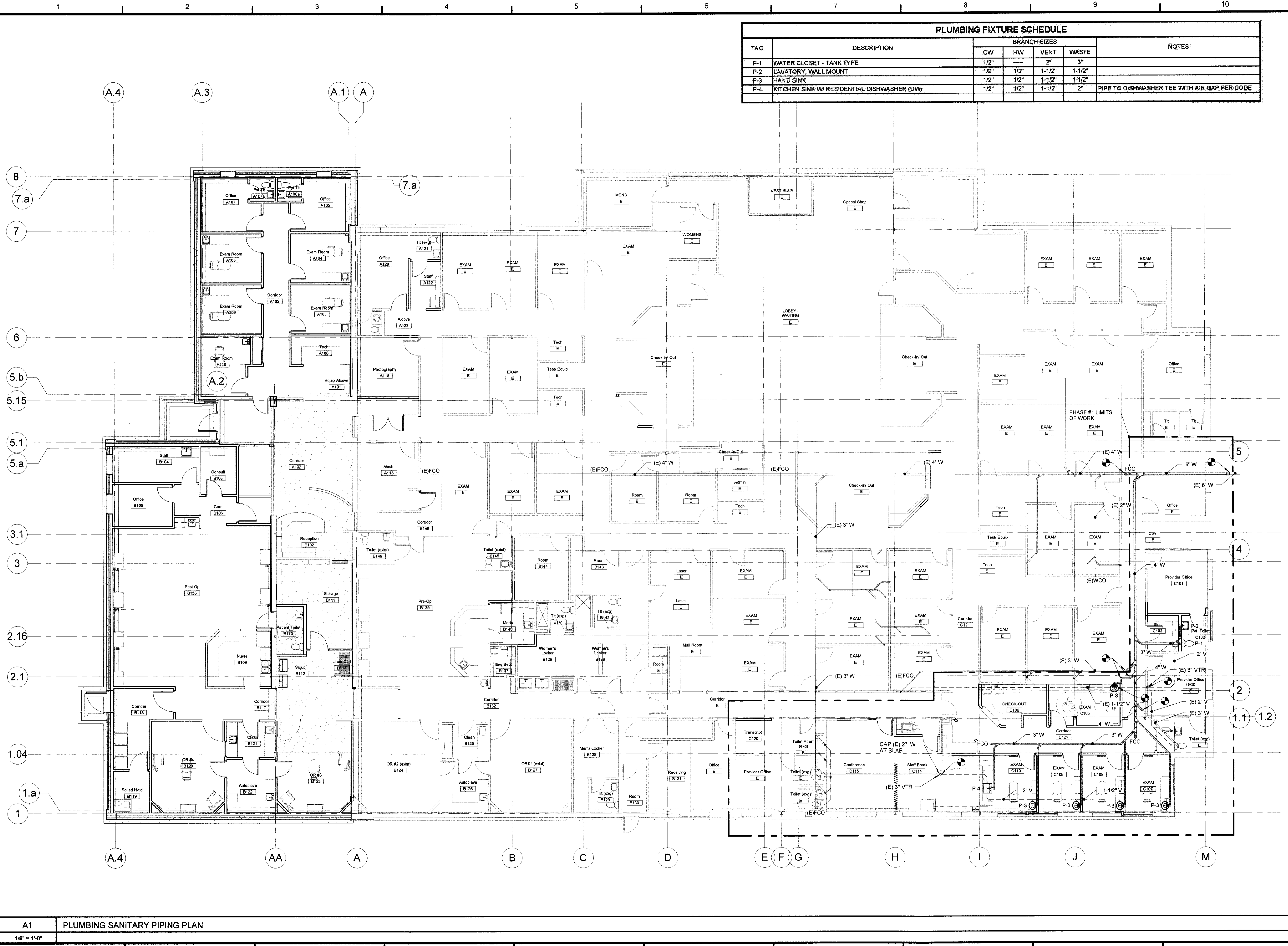
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SHEET

**PL1**

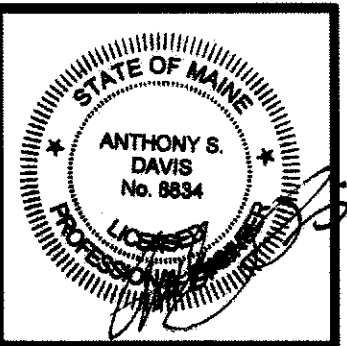
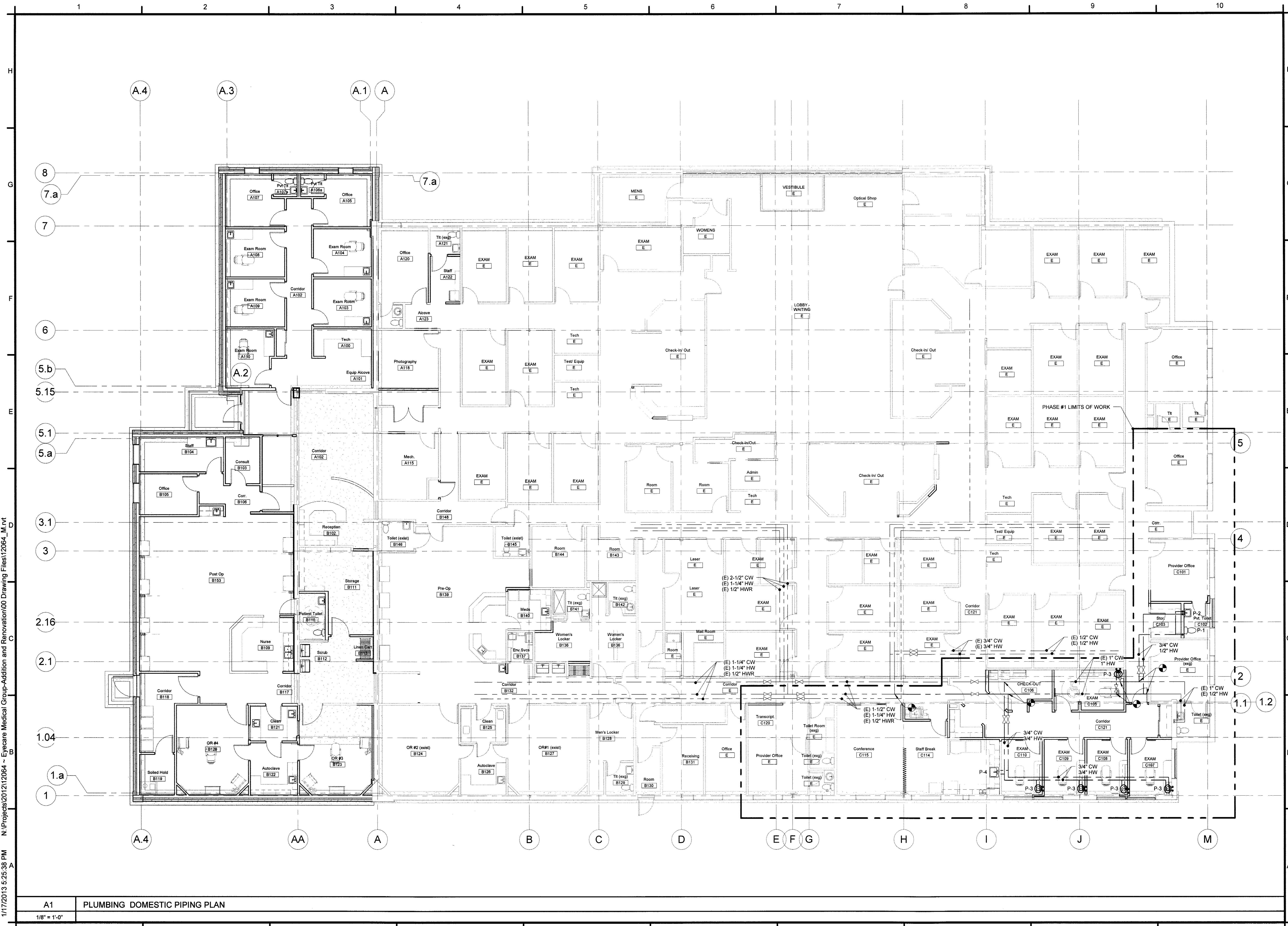
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A1 PLUMBING SANITARY PIPING PLAN  
 1/8" = 1'-0"

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A1 PLUMBING DOMESTIC PIPING PLAN  
1/8" = 1'-0"

**NOTE**  
SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN

- ⌚ CLOCK
- ⌚ LARGE CLOCK
- ⊕ SPEAKER, CEILING MOUNTED
- ⊕ SPEAKER, WALL MOUNTED
- ⊕ SPEAKER, HIGH OUTPUT, CEILING MOUNTED
- ⊕ LARGE SPEAKER
- ⊕ INTERCOM

NOTE: DIVISION 26 SHALL WIRE AND CONNECT 120 VOLT WIRING FOR THE CLOCKS IN EACH AREA TO CIRCUIT INDICATED. PROVIDE (2) #12+(1) #12G. PROVIDE TRANSFORMERS AS REQUIRED. LOW VOLTAGE AND SYSTEM WIRING BY DIVISION 27.

**F1 CLOCKS AND SPEAKERS (PA)**

AFF	ABOVE FINISHED FLOOR	(E)	EXISTING ITEM TO REMAIN
AFG	ABOVE FINISHED GRADE	(R)	REMOVE ITEM AND DISPOSE OF PROPERLY
BAS	BUILDING AUTOMATION SYSTEM	(ER)	RELOCATED ITEM AT NEW LOCATION
BKBD	BACKBOARD	(RL)	REMOVE AND RELOCATE
CB	CIRCUIT BREAKER		
TEL	TELEPHONE		
MT	MOUNT		
NEC	NATIONAL ELECTRICAL CODE		
P/O	PART OF		
WG	WIREGUARD		
WP	WEATHERPROOF		
UC REF	UNDERCOUNTER REFRIGERATOR		
UNO	UNLESS NOTED OTHERWISE		
XFMR	TRANSFORMER		

- ⊕ FACFP FIRE ALARM CONTROL PANEL, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF
- ⊕ FAA FIRE ALARM ANNUCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF
- ⊕ SMOKE DETECTOR
- ⊕ SMOKE DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR RECALL
- ⊕ SINGLE STATION SMOKE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, WALL MOUNTED
- ⊕ SINGLE STATION SMOKE DETECTOR WITH AUDIBLE/VISUAL INDICATING APPLIANCE
- ⊕ HEAT DETECTOR
- ⊕ DUCT SMOKE DETECTOR
- ⊕ REMOTE TEST/INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS
- ⊕ MANUAL PULL STATION, MOUNT 48" AFF
- ⊕ HORN/STROBE, CANDELA AS NOTED ON PLANS
- ⊕ STROBE ONLY INDICATING APPLIANCE, CANDELA AS NOTED ON PLANS
- ⊕ STROBE, 15 CANDELA, 120V, CONNECT TO OPERATE UPON ACTIVATION OF ROOM SMOKE DETECTOR
- ⊕ SPEAKER/STROBE, CANDELA AS NOTED ON PLANS
- ⊕ MINI HORN
- ⊕ HORN/STROBE WITH PULL STATION DIRECTLY BELOW
- ⊕ MAGNETIC DOOR HOLD OPEN DEVICE
- ⊕ TRANSFORMER
- ⊕ SPRINKLER SYSTEM WATER FLOW SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- ⊕ SPRINKLER SYSTEM TAMPER SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- ⊕ SPRINKLER SYSTEM CHECK VALVE PRESSURE SWITCH, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- ⊕ SPRINKLER SYSTEM EXCESS PRESSURE PUMP, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- ⊕ KNOX BOX, MOUNT 60" AFF
- ⊕ FA GONG
- ⊕ SMOKE DAMPER

**D3 FIRE ALARM SYSTEM**

- ⊕ INTERCOM STATION
  - ⊕ NURSE CALL PATIENT STATION, PROVIDE EMPTY CONDUITS FOR USE BY OWNER'S NURSE CALL VENDOR. COORDINATE WITH OWNER.
  - ⊕ NURSE CALL DOME LIGHT, PROVIDE EMPTY CONDUITS FOR USE BY OWNER'S NURSE CALL VENDOR. COORDINATE WITH OWNER.
  - ⊕ PAGING SPEAKER
  - ⊕ MUSIC SPEAKER
  - ⊕ VOLUME CONTROL
  - ⊕ TELEPHONE WALL OUTLET, 44" AFF UNO
  - ⊕ TELEPHONE OUTLET FOR ELEVATOR CONNECTION
  - ⊕ TELEPHONE OUTLET, 18" AFF UNO
  - ⊕ TEL/DATA OUTLET, 18" AFF UNO
  - ⊕ DATA OUTLET, 18" AFF UNO
  - ⊕ WIRELESS ACCESS POINT CEILING MOUNTED
  - ⊕ WIRELESS ACCESS POINT WALL MOUNTED
  - ⊕ EXPEDITOR SYSTEM BOX TYPE A
  - ⊕ EXPEDITOR SYSTEM BOX TYPE B
- PROVIDE BOXES, RACKS, ETC. WHERE INDICATED OR NEEDED
  - PROVIDE CONDUIT TO NEAREST ACCESSIBLE CORRIDOR CEILING ~ 1" CONDUIT TO SINGLE GANG BOXES, 1 1/4" CONDUIT TO DOUBLE GANG BOXES.
  - PROVIDE BLANK INSERTS FOR ALL OUTLET OPENINGS IN PLATES THAT ARE UNUSED

**A3 TECHNOLOGY**

- ⊕ PANELBOARD - SURFACE MOUNTED
- ⊕ PANELBOARD - FLUSH MOUNTED
- ⊕ FUSED DISCONNECT SWITCH
- ⊕ NON-FUSED DISCONNECT SWITCH
- ⊕ MOTOR STARTER
- ⊕ COMBINATION MOTOR STARTER/FUSED DISCONNECT
- ⊕ MOTOR
- ⊕ METER AND CABINET
- ⊕ JUNCTION BOX - CEILING MOUNTED
- ⊕ JUNCTION BOX - WALL MOUNTED
- ⊕ JUNCTION BOX FOR OR CLOCK POWER
- ⊕ TRANSFORMER - NUMBER INDICATES DESIGNATION SEE TRANSFORMER SCHEDULE
- ⊕ VARIABLE FREQUENCY DRIVE
- ⊕ TRANSIENT VOLTAGE SURGE SUPPRESSOR
- ⊕ EMERGENCY SHUTOFF SWITCH - WALL MOUNTED 48" TO CENTERLINE - PROVIDE TAMPER-PROOF COVER
- ⊕ CONDUIT TURNING UP
- ⊕ CONDUIT TURNING DOWN
- ⊕ WIRING UNDERGROUND OR UNDERSLAB
- ⊕ HOMERUN TO PANEL FOR OUTLETS CONNECTED TO DEDICATED 20A BRANCH CIRCUIT - (2) #12+(1) #12G UNO
- ⊕ SINGLE-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT
- ⊕ 3-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT
- ⊕ L-20A, 1P INDICATES 20A, 1P LOCKING CIRCUIT BREAKER
- ⊕ FLEXIBLE CONNECTION
- ⊕ GROUNDING SYSTEM
- ⊕ MOTORIZED DOOR OPERATOR AND PUSH PADDLE - FURNISHED BY DIVISION 08, WIRED BY DIVISION 26
- ⊕ DOORBELL PUSHBUTTON
- ⊕ DOORBELL CHIME
- ⊕ SYSTEMS FURNITURE WHIP
- ⊕ PATIENT GROUNDING MODULE

**D5 POWER DISTRIBUTION**

- BRANCH CIRCUIT WRING NOT SHOWN. CIRCUITING SHALL BE FROM EXISTING BRANCH-CIRCUIT PANELS AND IN ACCORDANCE WITH APPLICABLE CODES AND STANDARD PRACTICE. PROVIDE A 20A, 1P CIRCUIT BREAKER FOR EACH LIGHTING AND RECEPTACLE CIRCUIT UNLESS OTHERWISE INDICATED OR NOTED. CONNECT NO MORE THAN SIX DUPLEX CONVENIENCE RECEPTACLES PER BRANCH CIRCUIT. CONNECTED LOAD ON LIGHTING CIRCUITS SHALL NOT EXCEED 12 AMPS. EXAM ROOM LIGHTING SHALL BE CONNECTED TO A BRANCH CIRCUIT PANEL THAT IS BACKED UP BY THE FACILITY'S ON-SITE GENERATOR.
- DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF THIS PROJECT. WHERE ELECTRICAL ITEMS ARE REMOVED, REMOVE CONDUIT AND WIRING BACK TO SOURCE, UNLESS DIRECTED OTHERWISE BY OWNER. TAG SPARE CONDUITS AND CONDUCTORS TO IDENTIFY SOURCE.
- DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
- THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS, IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THESE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDER TO MEET STRUCTURAL/ARCHITECTURAL REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE.
- ELECTRICAL DEVICES, WHEN INSTALLED, SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. COVER PLATES SHALL BE INSTALLED AFTER FINISH MATERIALS HAVE BEEN APPLIED.
- COORDINATE WORK WITH OTHER DIVISIONS. VERIFY EXACT POWER REQUIREMENTS OF MECHANICAL EQUIPMENT WITH DIVISION 23. POWER WIRING FOR EQUIPMENT & CONTROL SHALL BE PERFORMED BY DIVISION 26. CONTROL WIRING BY DIVISION 23.

**A5 GENERAL NOTES**

- ⊕ 20A, 125V, 2P, 3W, NEMA 5-20R
- ⊕ 20A, 125V, 2P, 3W, NEMA L5-20R (TWISTLOCK)
- ⊕ 30A DRYER RECEPTACLE-250V, 2P, 3W, GROUNDING, NEMA 14-30R, (3) #10+(1) #10G TO 30A, 2P CIRCUIT BREAKER
- ⊕ 30A, 250V, 2P, 3W, NEMA 6-30R
- ⊕ 50A RANGE RECEPTACLE-250V, 2P, 3W, NEMA 14-50R, (3) #8+(1) #10 TO 40A, 2P CIRCUIT BREAKER

NOTE:  
PROVIDE MATCHING CORD AND PLUG FOR SINGLE RECEPTACLES

**G7 SINGLE RECEPTACLES**

- ⊕ DUPLEX RECEPTACLE ~ 20A, 125V, 2P, 3W, NEMA 5-20R
- ⊕ DOUBLE DUPLEX RECEPTACLE
- ⊕ HATCH INDICATES RECEPTACLE CONNECTED TO GENERATOR, TYPICAL FOR ALL TYPES OF RECEPTACLES
- ⊕ GFCI DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
- ⊕ GFCI DOUBLE DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
- ⊕ GFCI RECEPTACLE WITH WEATHERPROOF COVER
- ⊕ GFCI RECEPTACLE IN WP ENCLOSURE ON ROOF
- ⊕ MULTI-OUTLET STRIP, PROVIDE OUTLETS 24" OC UNO, MOUNT 44" AFF UNO

- NOTES:
- MOUNT RECEPTACLES WITH CENTERLINE 18" AFF UNO
  - MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFF UNO

**D7 RECEPTACLES**

- ⊕ DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX
- ⊕ DOUBLE DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX
- ⊕ JUNCTION BOX, MOUNT IN FLUSH FLOOR BOX
- ⊕ EMPTY FLUSH FLOOR BOX
- ⊕ DUPLEX RECEPTACLE, PEDESTAL MOUNTED
- ⊕ SINGLE RECEPTACLE, PEDESTAL MOUNTED
- ⊕ JUNCTION BOX, PEDESTAL MOUNTED
- ⊕ DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
- ⊕ DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
- ⊕ DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING
- ⊕ DOUBLE DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING
- ⊕ DATA OUTLET, FLUSH MOUNTED IN CEILING, SEE SCHEDULE FOR TYPE
- ⊕ JUNCTION BOX, FLUSH MOUNTED IN CEILING
- ⊕ OVERHEAD RECEPTACLE DROP, DUPLEX
- ⊕ OVERHEAD RECEPTACLE DROP, DOUBLE DUPLEX
- ⊕ OVERHEAD RECEPTACLE DROP, GFCI
- ⊕ OVERHEAD DATA DROP

**A7 FLOOR AND CEILING DEVICES**

- ⊕ HIGH PERFORMANCE TROFFER, TYPICAL
- ⊕ LENSED GRID TROFFER, TYPICAL
- ⊕ LENSED STRIP LIGHT
- ⊕ SURGICAL TROFFER
- ⊕ LED UNDERCABINET LIGHT
- ⊕ LED DOWNLIGHT

**G9 LUMINAIRES**

- ⊕ HATCHING INDICATES FIXTURE CONNECTED TO GENERATOR ~ PROVIDE EMERGENCY SHUNT RELAY TO BYPASS SWITCHING
- ⊕ EXIT SIGN, SELF-POWERED, CEILING MOUNTED, SHADING INDICATES FACE(S), ARROWHEAD INDICATES CHEVRON(S) REQUIRED
- ⊕ EXIT SIGN, SELF-POWERED, WALL MOUNTED, SHADING INDICATES FACE(S), MOUNT AT 7'-6" AFF OR OVER DOOR

**D9 EMERGENCY LIGHTING**

- ⊕ CENTERLINE 48" AFF, UNO ~
- ⊕ LIGHT SWITCH, 20A, 125/277V, LETTER INDICATES SWITCHING
- ⊕ THREE-WAY LIGHT SWITCH
- ⊕ FOUR-WAY LIGHT SWITCH
- ⊕ TWO-POLE SWITCH
- ⊕ KEY OPERATED SWITCH
- ⊕ MOTOR RATED SWITCH
- ⊕ SINGLE POLE SWITCH WITH RED PILOT LIGHT - RED LIGHT SHALL GLOW WHEN CIRCUIT IS ENERGIZED
- ⊕ MULTI-GANGED SWITCHES, GANG UNDER ONE PLATE, LETTER INDICATES SWITCHING
- ⊕ OCCUPANCY SENSOR SWITCH, WALL MOUNTED
- ⊕ 2-BUTTON OCCUPANCY SENSOR SWITCH
- ⊕ OCCUPANCY SENSOR, CEILING MOUNTED
- ⊕ OCCUPANCY SENSOR, WALL MOUNTED
- ⊕ INCANDESCENT DIMMER SWITCH
- ⊕ FLUORESCENT DIMMER SWITCH
- ⊕ HANDICAP SWITCHES FOR HOOD LIGHT AND FAN
- ⊕ TIMER SWITCH, 60 MINUTES
- ⊕ LIGHTING TIME CLOCK
- ⊕ LIGHTING CONTACTOR
- ⊕ LIGHTING CONTROL PANEL
- ⊕ PHOTOCELL

**A9 LIGHT SWITCHES**

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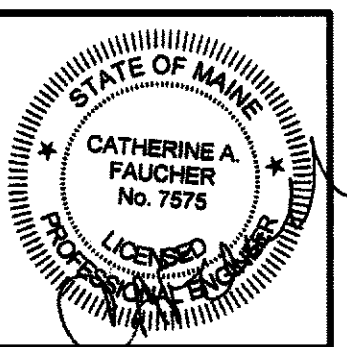


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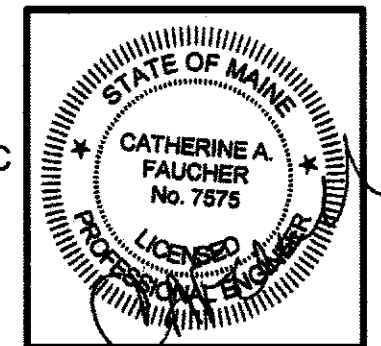
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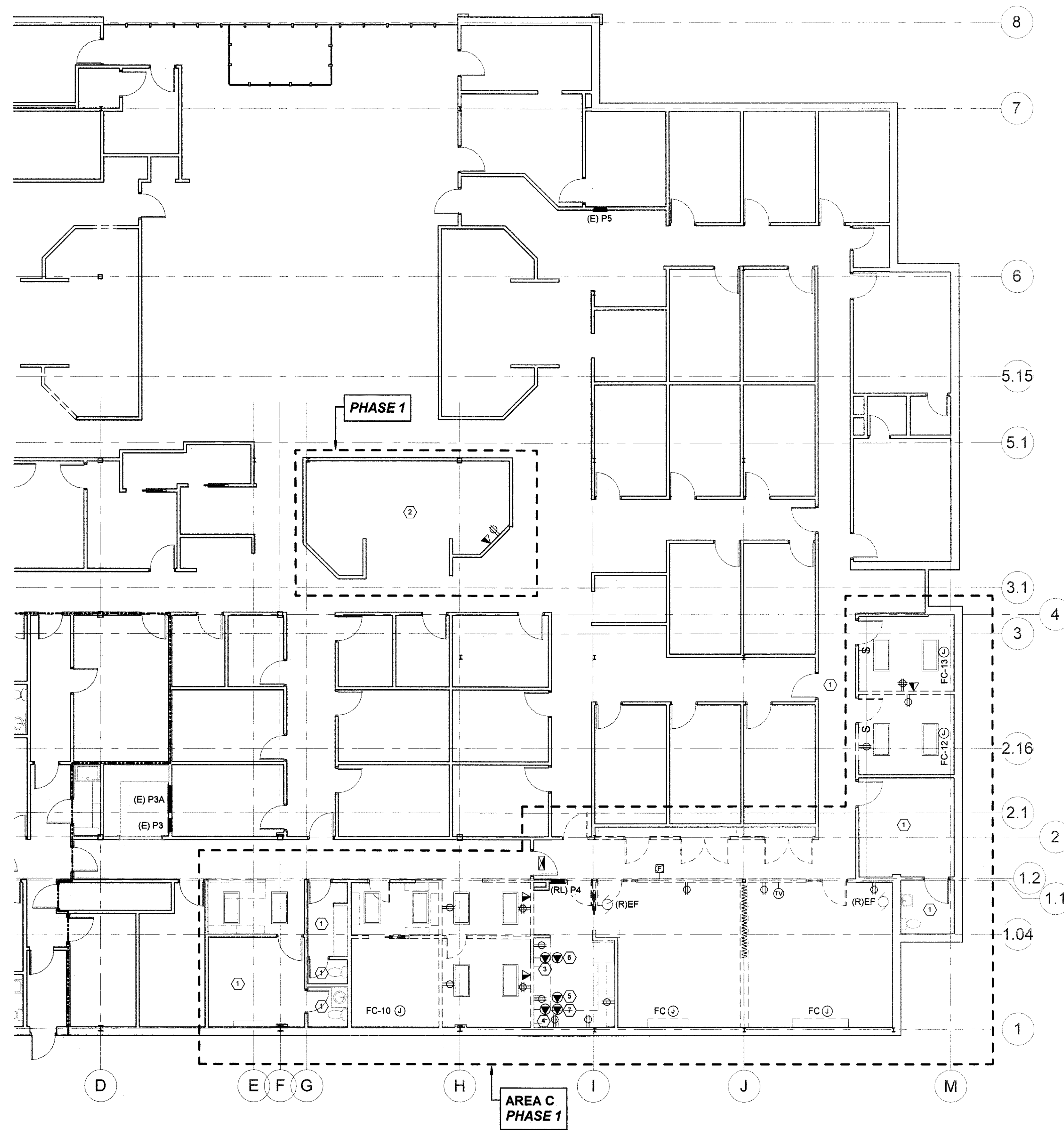
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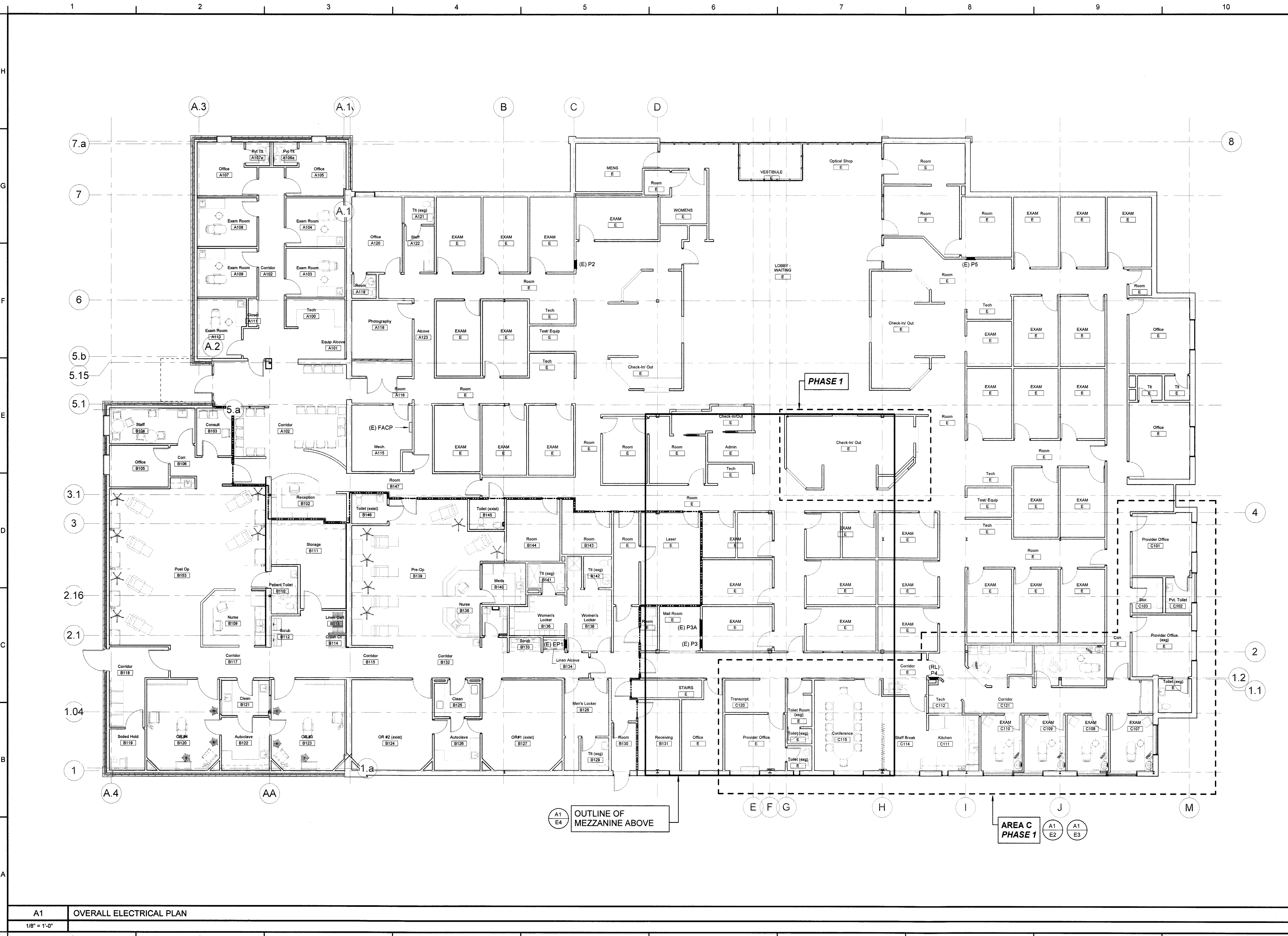


- ① EXISTING ELECTRICAL TO REMAIN IN THIS ROOM UNLESS OTHERWISE NOTED
- ② EXISTING LIGHTING IN THIS ROOM SHALL REMAIN
- ③ REMOVE WIRING AND CONNECTIONS FOR DISHWASHER
- ④ REMOVE WIRING AND CONNECTIONS FOR ELECTRIC RANGE
- ⑤ REMOVE WIRING AND CONNECTIONS FOR TRASH COMPACTOR
- ⑥ REMOVE WIRING AND CONNECTIONS FOR MICROWAVE OVEN
- ⑦ REMOVE WIRING AND CONNECTIONS FOR RANGE HOOD

D9	KEY NOTES
A9	DEMOLITION GENERAL NOTES

1. REFER TO FLOOR PLANS FOR SCOPE OF WORK AREA. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE OF WORK.
2. COMPLETELY DEMOLISH ALL ELECTRICAL DEVICES WITHIN DEMOLITION AREA, UNLESS NOTED OR INDICATED OTHERWISE. DEMOLITION SHALL INCLUDE BUT NOT BE LIMITED TO WIRING DEVICES, OUTLET BOXES, PULL BOXES, LIGHTING FIXTURES AND SWITCHES, WIRING AND CONDUIT, TELECOMMUNICATIONS, ETC.
3. IN GENERAL, EXISTING ITEMS TO BE REMOVED ARE INDICATED FOR INFORMATIONAL PURPOSES, BUT THE DRAWINGS ARE NOT INTENDED TO INDICATE ALL ITEMS TO BE REMOVED.
4. EXISTING FIRE ALARM SYSTEM SHALL REMAIN, EXCEPT WHERE SYSTEM COMPONENTS ARE LOCATED IN WALLS TO BE REMOVED. WHERE WALLS ARE TO BE REMOVED, REMOVE AND RELOCATE EXISTING FIRE ALARM COMPONENTS AS INDICATED AND AS REQUIRED.
5. DISCONNECT AND REMOVE ALL WIRING FOR EQUIPMENT TO BE REMOVED BACK TO THE POINT OF CONNECTION. NOTHING SHALL BE ABANDONED IN PLACE.
6. VERIFY ALL EXISTING SOURCES OF POWER TO EQUIPMENT PRIOR TO FINAL REMOVAL.
7. COORDINATE ALL SHUTDOWN PROCEDURES WITH THE OWNER PRIOR TO DISCONNECTING ANY CIRCUITS.
8. PROVIDE BLANK COVER PLATES FOR REMOVED POWER AND COMMUNICATIONS OUTLETS IN EXISTING WALLS TO REMAIN.
9. THE WORK INCLUDES DISPOSAL OF ALL REMOVED ELECTRICAL ITEMS INCLUDING BALLASTS, LAMPS, AND THERMOSTATS. LEGALLY DISPOSE OF ALL REMOVED HAZARDOUS MATERIALS.
10. WHERE DEMOLITION IMPACTS WIRING TO EXISTING ITEMS TO REMAIN, PROVIDE WIRING AND CONNECTIONS AS REQUIRED TO RE-FEED ITEMS TO REMAIN.

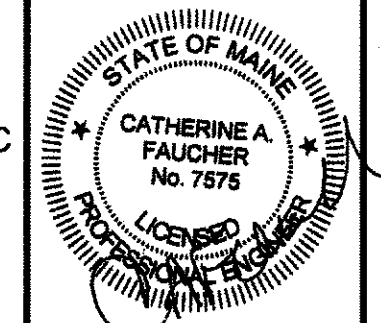
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A1 E4 OUTLINE OF MEZZANINE ABOVE

AREA C PHASE 1 A1 A1 A1 E2 E3

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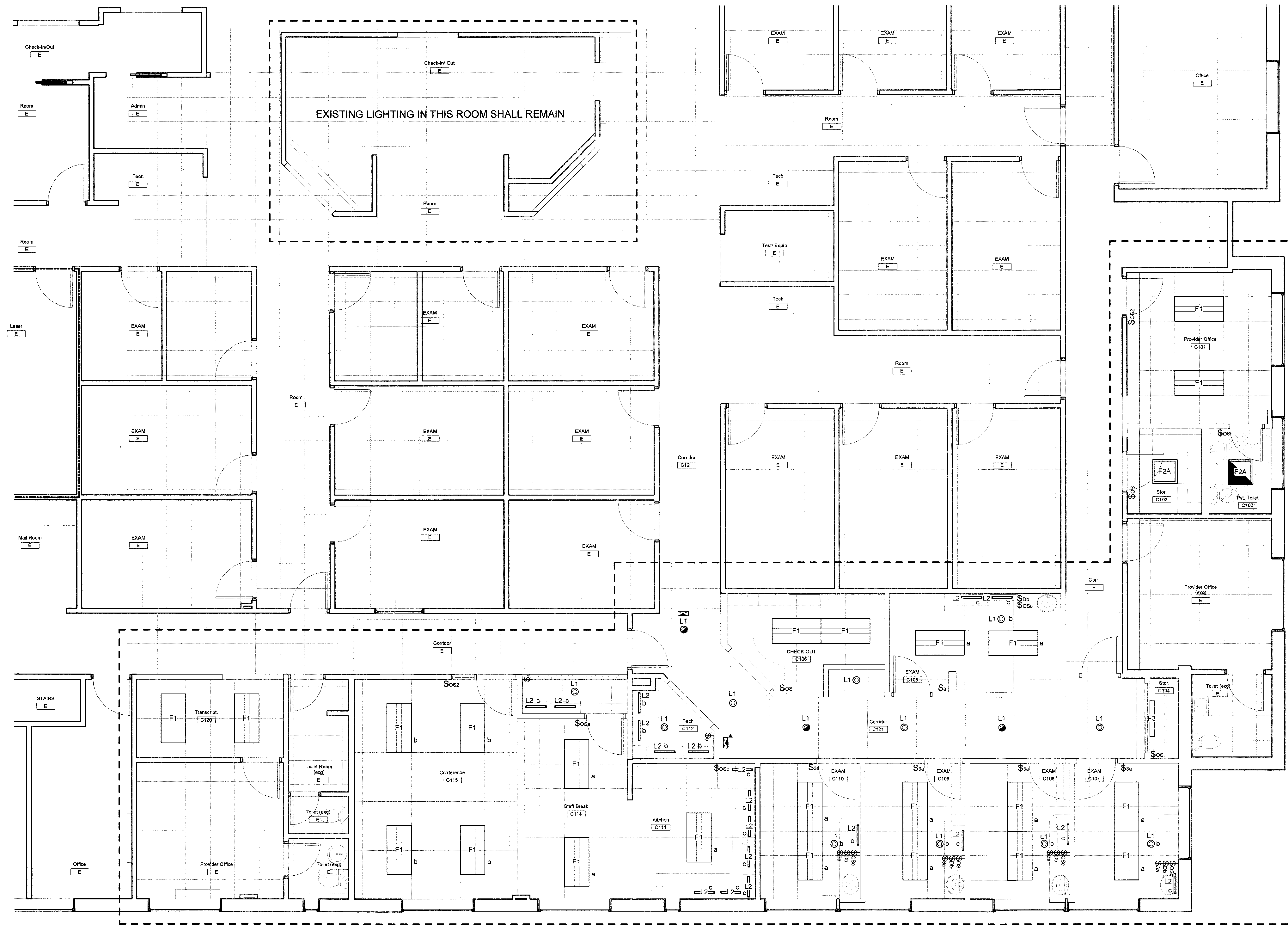
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**E1**

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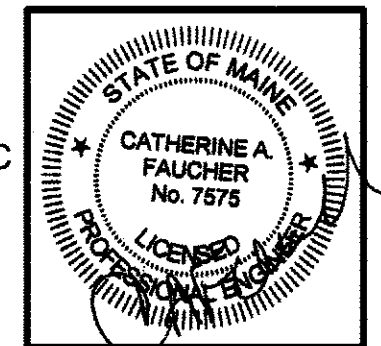
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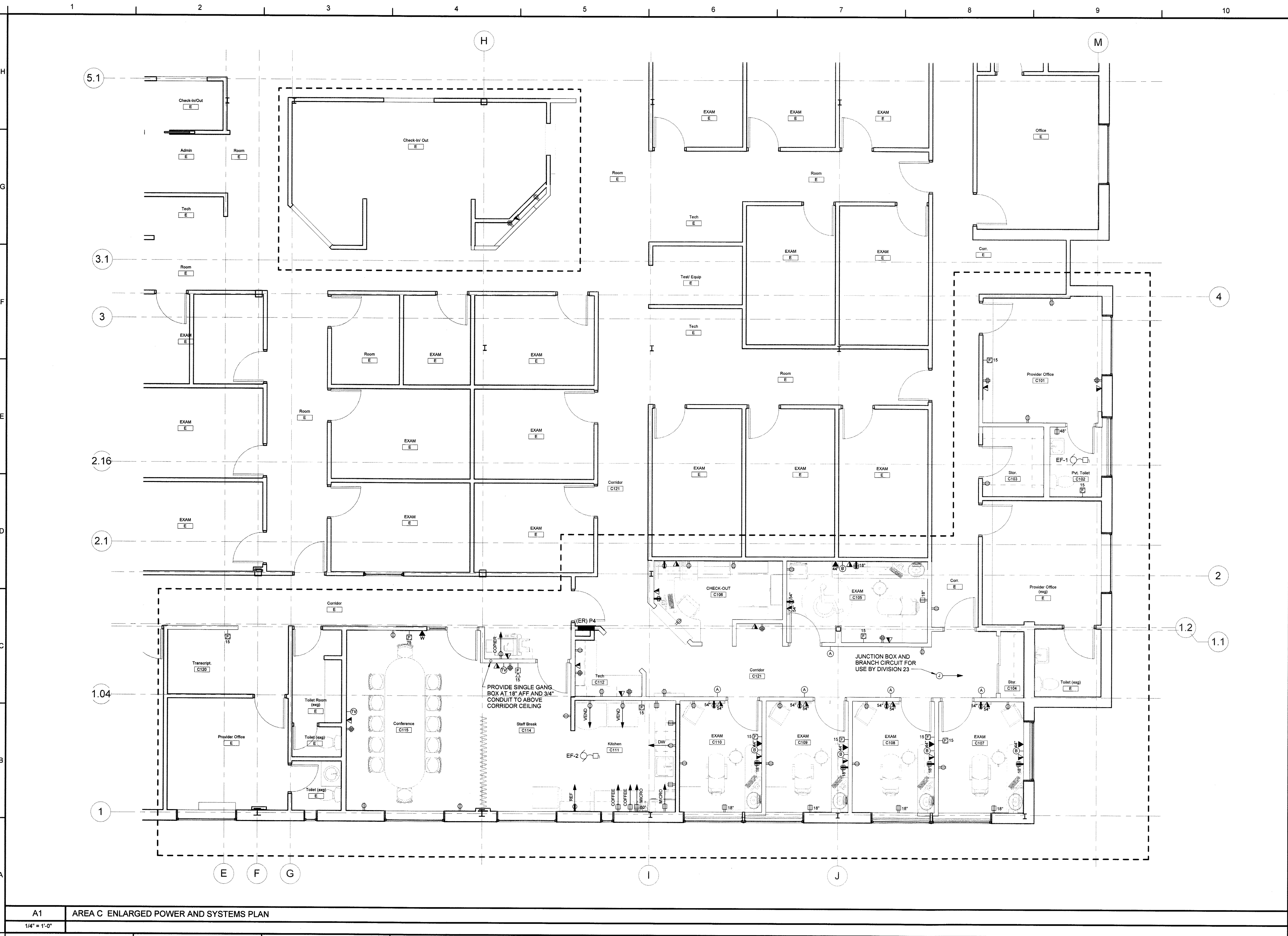
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 AREA C LIGHTING

SHEET  
**E2**

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A1 LIGHTING - ENLARGED AREA C  
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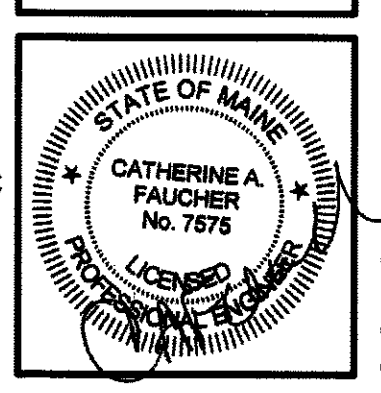
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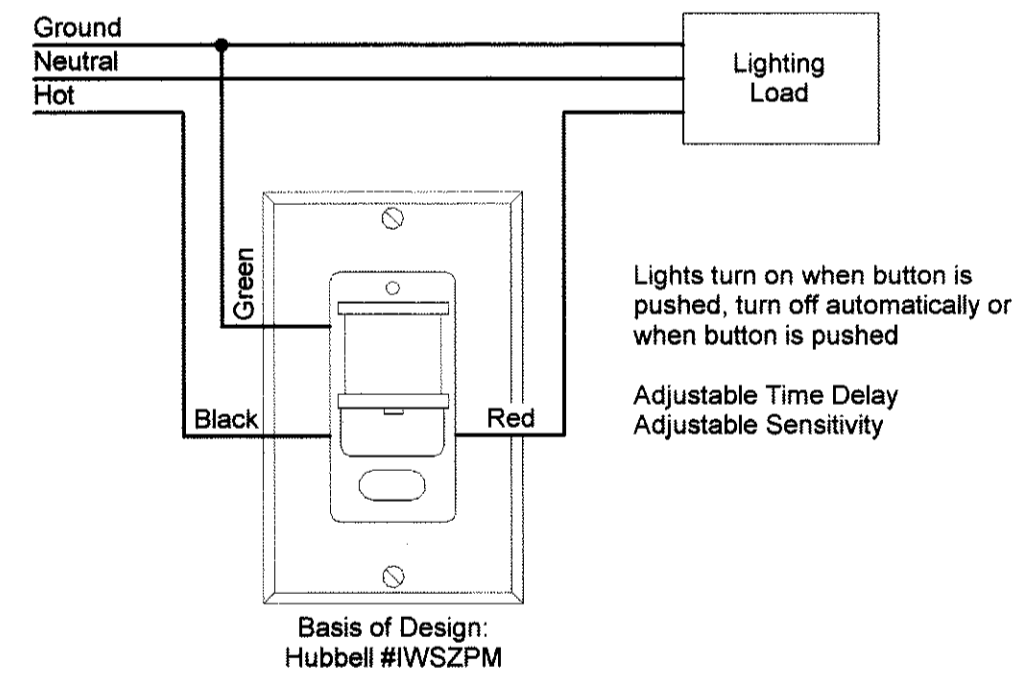
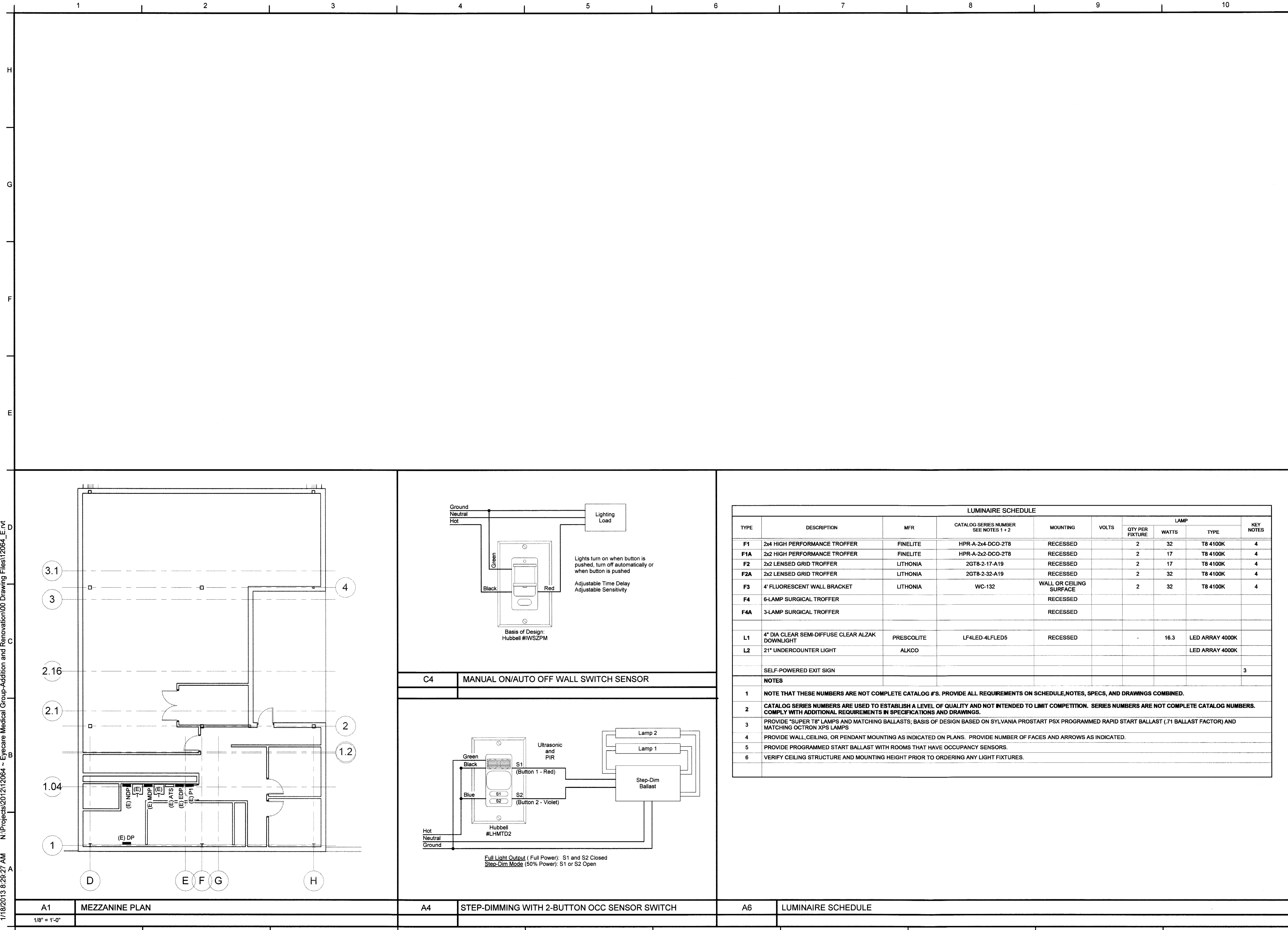
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AREA C POWER  
AND SYSTEMS  
PLAN

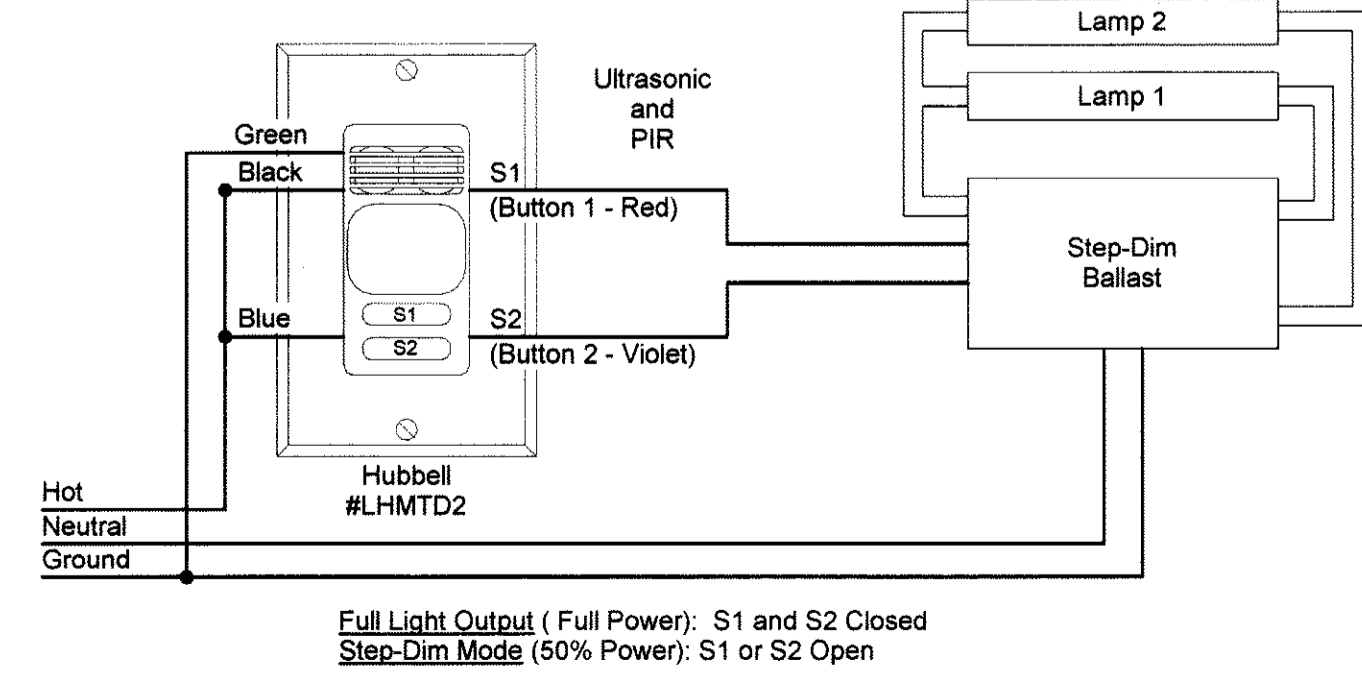
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C4 MANUAL ON/AUTO OFF WALL SWITCH SENSOR



A4 STEP-DIMMING WITH 2-BUTTON OCC SENSOR SWITCH

LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER SEE NOTES 1 + 2	MOUNTING	VOLTS	LAMP			KEY NOTES
						QTY PER FIXTURE	WATTS	TYPE	
F1	2x4 HIGH PERFORMANCE TROFFER	FINELITE	HPR-A-2x4-DCO-2T8	RECESSED		2	32	T8 4100K	4
F1A	2x2 HIGH PERFORMANCE TROFFER	FINELITE	HPR-A-2x2-DCO-2T8	RECESSED		2	17	T8 4100K	4
F2	2x2 LENSED GRID TROFFER	LITHONIA	2GT8-2-17-A19	RECESSED		2	17	T8 4100K	4
F2A	2x2 LENSED GRID TROFFER	LITHONIA	2GT8-2-32-A19	RECESSED		2	32	T8 4100K	4
F3	4' FLUORESCENT WALL BRACKET	LITHONIA	WC-132	WALL OR CEILING SURFACE		2	32	T8 4100K	4
F4	6-LAMP SURGICAL TROFFER			RECESSED					
F4A	3-LAMP SURGICAL TROFFER			RECESSED					
L1	4" DIA CLEAR SEMI-DIFFUSE CLEAR ALZAK DOWNLIGHT	PRESCOLITE	LF4LED-4LFLED5	RECESSED			16.3	LED ARRAY 4000K	
L2	21" UNDERCOUNTER LIGHT	ALKCO						LED ARRAY 4000K	
	SELF-POWERED EXIT SIGN								3

- NOTES
- NOTE THAT THESE NUMBERS ARE NOT COMPLETE CATALOG #S. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.
  - CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION. SERIES NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. COMPLY WITH ADDITIONAL REQUIREMENTS IN SPECIFICATIONS AND DRAWINGS.
  - PROVIDE "SUPER T8" LAMPS AND MATCHING BALLASTS; BASIS OF DESIGN BASED ON SYLVANIA PROSTART PSX PROGRAMMED RAPID START BALLAST (.71 BALLAST FACTOR) AND MATCHING OCTRON XPS LAMPS
  - PROVIDE WALL, CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.
  - PROVIDE PROGRAMMED START BALLAST WITH ROOMS THAT HAVE OCCUPANCY SENSORS.
  - VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.

A6 LUMINAIRE SCHEDULE

A1 MEZZANINE PLAN

1/8" = 1'-0"

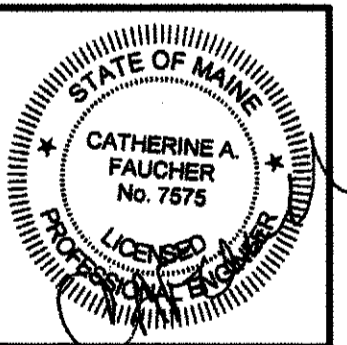
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**E.M.G. - Additions and Renovations**  
 53 Sewall Street, Portland, ME 04102



PDT JOB NO. 12084

DRWN. CHK Checker

SCALE: As indicated

ISSUE: Phase 1 Permit Set January 17, 2013

TITLE EXISTING MEZZANINE PLAN and ELECTRICAL DETAILS

SHEET E4

Phase 1 Permit Set ~ 17 January 2013 ~ NOT FOR CONSTRUCTION