RSN: ***REV. TO RSN 966198***
Permit #: ***2015-916743 LT***

ESa

Moving forward together to create environments that shape lives.

March 21, 2016

Mr. Ted Caviness
Fire Plan Review Supervisor
Division of Fire Prevention and Control
Fire & Life Safety Section
700 Kipling Street, Suite 4100
Lakewood, CO 80215

RE: THE MEDICAL CENTER OF AURORA RENOVATIONS
ESA NO. 14077.00
CITY OF AURORA RSN: 966198
STATE OF COLORADO PERMIT # 9171, 9172, 9173, 9174, 9175, 9176, 9177

Dear Sir,
While the overall scope of the project has not changed, the Owner has adjusted the phases within the project scope to better keep their operations functioning during construction. They have also made this adjustment to keep the CSS/SPD onsite and phased into the construction rather that utilizing an offsite service for Sterile Processing. This resulted in phase 5 being split into phases 4, 5, 6A, and 6B. See below for revised and original phases of work. Note that while the names have varied slightly (add 6A, 6B and 7, delete 6, 7A and 7B) the project still has a total of seven phases as currently permitted with the State.

Revised Phase 1 – Permit 9171 – No change from Original. Phase Complete

Original Phase 1 – Permit 9171
Equipment Storage & AHU
Phase 1 of the project includes demolishing existing vacant space and converting it into a new equipment storage room, communication room, electrical room, C02 manifold room, and vendor storage space. The walls in this location will need to be upgraded. See plans.

A new roof-top air-handling unit (RTU-1) will be placed above the renovated storage room. This unit will serve new OR numbers 7, 8, 9, 10, the new CSS department and nearby corridors. Steel reinforcement will be required of the existing roof – refer to the Structural Drawings. The new unit will be surrounded by a metal panel screen wall.

Revised Phase 2 – Permit 9172 - moved PACU isolation room work to phase 3 (9173). Phase Complete
Surgery Unit – Major OR's 9 and 10
Phase 2 of the project is the first step in enlarging the existing operating rooms and starting to fix the humidity and temperature issues in the ORs. This phase will add two ORs and remove one OR.

Operating room number 9 is larger to allow it to be converted to a future hybrid OR. At this time no provisions beyond the size of the room will be made to create a hybrid OR. This phase will also include a new equipment storage room, scrub alcove, and stretcher storage near the ORs. A soil utility room (bio-hazardous trash room) will be included in this phase and a pump room.

A new roof-top air-handling unit (RTU-2) will also be installed during this phase. This unit will serve new OR numbers 1, 2, 3, 4, 5, 6 and nearby corridors. The new unit will be surrounded by a metal panel screen wall. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.

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Original Phase 2 – Permit 9172
Surgery Unit – Major OR's 9 and 10, ~~PACU Isolation Room~~
Phase 2 of the project is the first step in enlarging the existing operating rooms and starting to fix the humidity and temperature issues in the ORs. This phase will add two ORs and remove one OR.

Operating room number 9 is larger to allow it to be converted to a future hybrid OR. At this time no provisions beyond the size of the room will be made to create a hybrid OR. This phase will also include a new equipment storage room, scrub alcove, and stretcher storage near the ORs. A soil utility room (bio-hazardous trash room) will be included in this phase and a pump room.

A new roof-top air-handling unit (RTU-2) will also be installed during this phase. This unit will serve new OR numbers 1, 2, 3, 4, 5, 6 and nearby corridors. The new unit will be surrounded by a metal panel screen wall. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.
~~In the existing PACU, work will be done to create a new Isolation room, isolation toilet, and ante alcove.~~
This work moved to phase 3 (9173).

Revised Phase 3 – Permit 9173 - original phase 3 and added work from phases 2 (9172), 4 (9174), 7A (9177) and 7B (9177). PACU turn over April 2016, OR turn over June 2016, Finish Ren. turn over July 2016
Surgery Unit – Major OR's 7 and 8 (CVOR), PACU Isolation Room, Partial Pacu Finish Renovations, Partial Preoperative Unit Finish Renovations
Phase 3 will be heavy renovation of two existing ORs to make two larger major OR's, 2 scrub alcoves, 2 stretcher alcoves, a sub sterile and a pump room. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.

Half of the existing PACU will received finish renovations previously shown in phase 7A, along with the new work to add the Isolation room, isolation toilet, and ante alcove previously shown in phase 2.

Finish renovations for the existing reception/control desk, staff lounge, locker rooms, dictation areas, and staff toilet areas previously shown in phase 4 have been added to this phase. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers.

Some of the finish renovations previously shown in phase 7B for the existing preoperative unit have been added to this phase. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting & diffusers.

Original Phase 3 – Permit 9173
Surgery Unit – Major OR's 7 and 8 (CVOR)
Phase 3 will be heavy renovation of two existing ORs to make two larger major OR's, 2 scrub alcoves, 2 stretcher alcoves, a sub sterile and a pump room. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.

Revised Phase 4 – Permit 9174 - added work from phases 5 (9175) and 7B (9177), moved finish renovations to phase 3 (9173). OR's July 2016 – Nov. 2016, CSS Aug. 2016 – Dec. 2016, Finish Ren. July 2016 – Sept. 2016
Surgery Unit – Major OR's 5 and 6, Major OR 11, CSS/SPD New Decon.
Phase 4 will include **Three** new major ORs. Renovation will also be done to create new scrub stations, stretcher alcoves, clean supply room, and sub sterile. This phase will add **Three** new ORs and remove three existing ORs. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.

The first part of the CSS/SPD phased work occurs in this phase. New decon, cart wash, office and DI water will be provided while the existing services stay in place.

Some of the finish renovations previously shown in phase 7B for the existing preoperative unit have been added to this phase. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting & diffusers.

Original Phase 4 – Permit 9174 - moved finish renovations to phase 3 (9173).
Surgery Unit – Major OR's 5 and 6, ~~Support Space Finishes~~
Phase 4 will include 2 new major ORs. Renovation will also be done to create new scrub stations, stretcher alcoves, clean supply room, and sub sterile. This phase will add two new ORs and remove three existing ORs to create a net loss of 1 OR. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.
~~Finish renovations will be done in the existing reception/control desk, staff lounge, locker rooms, dictation areas, and staff toilet areas. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers.~~

Revised Phase 5 – Permit 9175 – added work from phase 7B (9177), moved work to phases 4 (9174), 6A (9176) and 6B (9176). Finish Renovation Sept. 2016 – Dec. 2016, CSS Dec. 2016 – March 2017
CSS – New Sterilizers
New CSS/SPD sterilizers and removal of the existing decon that was replaced in phase 4.

Some of the finish renovations previously shown in phase 7B for the existing preoperative unit have been added to this phase. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting & diffusers.

Original Phase 5 – Permit 9175 – Most work moved to phases 4 (9174), 6A (9176) and 6B (9176).
CSS – ~~Major OR 11~~
~~Phase 5 is the complete renovation of the existing CSS department to help with the overall flow of the unit. The renovation of this unit will extend the existing CSS unit down into the corridor just plan south of the department. A new cart washer, washer/disinfectors and sterilizers will be part of this phase. The new layout will also have case cart storage. Sterrads are either new or relocated. This phase also includes one major OR that will be built towards the end of the phase once the existing AHU is removed.~~

Revised Phase 6A – permit 9176 – added work from phases 5 (9175), 6 (9176) and 7B (9177). Finish Ren. Dec. 2016 – Feb. 2017, CSS March 2017 – June 2017, OR's March 2017 – June 2017
Surgery Unit – General OR's 1 and 2, CSS/SPD Wrap Area
Phase 6**A** will include the renovation of **Three** existing operating rooms into **Two** larger operating rooms with two new scrub stations. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.

The new CSS/SPD wrap area is created by removing the existing sterilizers replaced in phase 5.

Some of the finish renovations previously shown in phase 7B for the existing preoperative unit have been added to this phase. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting & diffusers.

Revised Phase 6B – Permit 9176 – added work from phases 5 (9175), 6 (9176) and 7B (9177). Finish Ren. Feb. 2017 – May 2017, CSS June 2017 – Oct. 2017, OR Nov. 2016 – March 2017
Surgery Unit – General OR 3, CSS/SPD Sterile Storage
Phase 6**B** will include the renovation of **Two** existing operating rooms into **One** larger operating room that will serve both as a general operating room and a cysto OR. An equipment storage room will be included in this phase. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.

Finish renovations will be done in the existing nurse lounge, male and female locker rooms, and toilet rooms. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers.

The new CSS/SPD sterile storage area from previous phase 5 is also added in this phase.

Some of the finish renovations previously shown in phase 7B for the existing preoperative unit have been added to this phase. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting & diffusers.

Original Phase 6 – permit 9176 – Work split into phases 6A (9176) and 6B (9176).
~~Surgery Unit – General OR's 1, 2 and 3~~
~~Phase 6 will include the renovation of 5 existing operating rooms into 3 larger operating rooms with two~~

~~new scrub stations. One of the operating rooms will serve both as a general operating room and a cysto OR. An equipment storage room will be included in this phase. Above ceiling work will be required in the corridor to connect the renovated ORs to the new roof-top air-handler.~~
~~Finish renovations will be done in the existing nurse lounge, male and female locker rooms, and toilet rooms. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers.~~

Revised Phase 7 – Permit 9177 – Added work from phase 7A (9177). PACU / OR June 2017 – Sept. 2017
Partial PACU Finishes, Major OR 4 (Existing Davinci)
Phase 7 includes **Partial** finish renovations of the existing PACU unit. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers. A new office will be created out of the existing private PACU room. Finish renovations will also be done to the existing davinci OR number 4. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers.

A new roof-top air-handling unit (RTU-3) will also be installed during this phase. This unit will serve PACU, the nurse lounge and nearby corridors. The new unit will be surrounded by a metal panel screen wall. Above ceiling work will be required in the corridor to connect the spaces to the new roof-top air-handler.

Original Phase 7A – Permit 9177 – Work split into phases 3 (9173) and 7 (9177).
PACU Finishes, Major OR 4 (Existing Davinci)
Phase 7 includes finish renovations of the existing PACU unit. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers. A new office will be created out of the existing private PACU room. Finish renovations will also be done to the existing davinci OR number 4. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers.

A new roof-top air-handling unit (RTU-3) will also be installed during this phase. This unit will serve PACU, the nurse lounge and nearby corridors. The new unit will be surrounded by a metal panel screen wall. Above ceiling work will be required in the corridor to connect the spaces to the new roof-top air-handler.

Revised Phase 7B - Permit 9177 - Phase eliminated.
In order to keep the preoperative unit functioning during the finish renovation and to keep the count at 7 total phases this phase has been eliminated.

Original Phase 7B – Permit 9177 - Phase eliminated. Work was distributed to phases 3 (9173), 4 (9174), 5 (9175), 6A (9176), and 6B (9176).
~~**Preoperative Unit**~~
~~Phase 8 includes finish renovations of the existing preoperative unit. Finishes in this area include new casework, floors, ceilings, wall base, paint, doors, lighting and diffusers.~~

A copy of revision 4 detailing the phasing changes has been included for your review and use. Please let me know if there are any questions regarding the adjusted phasing.

Sincerely,

EARL SWENSSON ASSOCIATES, INC
richard l. miller, architect

Christopher E. Perez, AIA, NCARB
Senior Project Manager

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

REVISION NO. 4 **MARCH 16, 2016**

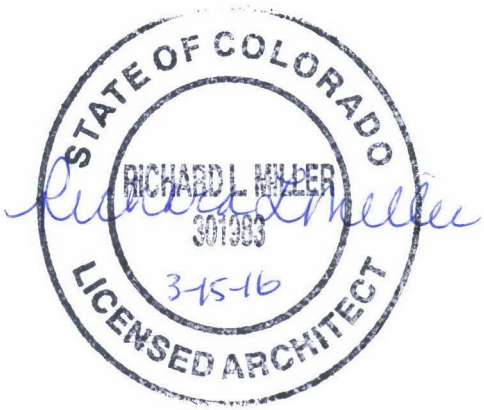
THE MEDICAL CENTER OF AURORA RENOVATIONS
Aurora, Colorado

EARL SWENSSON ASSOCIATES, INC.
richard l. miller, architect
2100 WEST END AVENUE, SUITE 1200
NASHVILLE, TENNESSEE 37203

ESa PROJECT NO. 14077.00

These revisions form a part of the Contract Documents and modify the original CONSTRUCTION DOCUMENTS, dated December 30, 2014, as outlined here in addition to being shown on the drawings as Inverted Delta REV No. 4, dated March 16, 2016.

CHANGES TO THE DRAWINGS



G1.01– INDEX SHEET
1. Sheets revised.
2. Sheets added.
3. Sheets omitted.

A1.00– FIRST FLOOR ORIENTATION PLAN
1. Phasing updated.

A1.00A– FIRST FLOOR SOUNDWALL – PART A
1. New work adjusted for ease of phasing.

A1.00B– FIRST FLOOR SOUNDWALL – PART B
1. Walls adjusted due to existing field conditions.

A1.01– PHASE I
1. Phasing key plan adjusted.

A1.02– PHASE II
1. Phasing updated.

A1.03– PHASE III PACU & O.R.'S
1. Phasing updated.

A1.03.1– PHASE III – LOCKERS/ O.R. CONTROL
1. Sheet added.
2. Phasing updated.

A1.04– PHASE IV OR'S
1. Electrical room adjusted due to rephasing.
2. Phasing updated.

A1.04.1– PHASE IV - SPD
1. Sheet added.
2. Phasing updated.

A1.05– PHASE V - SPD
1. Phasing updated.

A1.06– PHASE VI-A & VI-B
1. Demolition adjusted for ease of rephasing.
2. Phasing updated.

A1.06A– PHASE VI-A - SPD
1. Sheet added.
2. Phasing updated.

A1.06B– PHASE VI-B - SPD
1. Sheet added.
2. Phasing updated.

A1.07A– PHASE VII - PACU & OR
1. Phasing updated.
2. Equipment added at Clean Utility 1-PA07.

A1.07B– PHASE VII-B
1. Phasing updated.

A2.51– ENLARGED PLANS/INTERIOR ELEVATIONS & DETAILS
1. Med Gas legend added to sheet.

A2.52– ENLARGED PLANS/INTERIOR ELEVATIONS & DETAILS
1. Med Gas legend added to sheet.

A2.53– ENLARGED PLANS/INTERIOR ELEVATIONS & DETAILS
1. Med Gas legend added to sheet.

A2.54– ENLARGED PLANS/INTERIOR ELEVATIONS & DETAILS
1. Med Gas legend added to sheet.

A8.01– CASEWORK ELEVATIONS
1. Equipment added to elevation19.

END OF REVISION NO. 4

REVISION NO. 4

March 16, 2016

THE MEDICAL CENTER OF AURORA
RENOVATIONS

ESA PROJECT NO. 14077.00
ICT PROJECT NO. 140389

I. C. THOMASSON ASSOCIATES, INC.
2950 KRAFT DRIVE, SUITE 500
P. O. BOX 40527
NASHVILLE, TN 37204

The following items are included in Revision No. 4, dated March 16, 2016 and form a part of the contract documents. These modify the original bid documents, dated December 30, 2014, and are outlined as follows:

MECHANICAL

CHANGES TO DRAWINGS

Sheet M0.02

1. Revised VAV schedule to reflect new phasing changes.

Sheet M0.04

1. Revised RTU schedule per new phasing changes.

Sheet M1.03

1. Revised ductwork and piping per new phasing layout.

Sheet M1.03.1

1. Revised ductwork and piping per new phasing layout.

Sheet M1.04

1. Revised ductwork and piping per new phasing layout.

Sheet M1.04.1

1. Revised ductwork and piping per new phasing layout.

Sheet M1.05

1. Revised ductwork and piping per new phasing layout.

Sheet M1.06

1. Revised ductwork and piping per new phasing layout.

Sheet M1.06A

1. Revised ductwork and piping per new phasing layout.

Sheet M1.06B

1. Revised ductwork and piping per new phasing layout.

Sheet M1.07A

1. Revised ductwork and piping per new phasing layout.

Sheet M2.01

1. Revised ductwork and piping per new phasing layout.

Sheet M2.02

1. Revised ductwork and piping per new phasing layout.

Sheet M2.03

1. Revised ductwork and piping per new phasing layout.

Sheet M2.04

1. Revised ductwork and piping per new phasing layout.

Sheet M2.05

1. Revised ductwork and piping per new phasing layout.

Sheet M2.06

1. Revised ductwork and piping per new phasing layout.

Sheet M2.07

1. Revised ductwork and piping per new phasing layout.

PLUMBING

CHANGES TO DRAWINGS

Sheet P1.00

1. Revised sheet to match new phasing.

Sheet P1.01

1. Revised sheet to match new phasing.

Sheet P2.03

1. Revised sheet to match new phasing.

Sheet P2.03-1

1. Revised sheet to match new phasing.

Sheet P2.04

1. Revised sheet to match new phasing.

Sheet P2.04-1

1. Revised sheet to match new phasing.

Sheet P2.05

1. Revised sheet to match new phasing.

Sheet P2.06

1. Revised sheet to match new phasing.

Sheet P2.06A

1. Revised sheet to match new phasing.

Sheet P2.06B

1. Revised sheet to match new phasing.

Sheet P2.07A

1. Revised sheet to match new phasing.

Sheet P2.07B

1. Revised sheet to match new phasing.

ELECTRICAL

CHANGES TO DRAWINGS

Sheet E1.00A

1. Revised phasing.

Sheet E1.00B

1. Revised phasing.

Sheet E1.02

1. Moved lighting layout and receptacle layout to Phase III to reflect phase changes.

Sheet E1.03

1. Revised to reflect phase changes.

Sheet E1.03.1

1. Created new sheet to include Phase III B to reflect phase changes.

Sheet E1.04

1. Revised to reflect phase changes.

Sheet E1.04.1

1. Created new sheet to include Phase IV B to reflect phase changes.

Sheet E1.05

1. Revised to reflect phase changes.

Sheet E1.06A

1. Created new sheet to include Phase VI A to reflect phase changes.

Sheet E1.06B

1. Created new sheet to include Phase VI B to reflect phase changes.

Sheet E1.07A

1. Revised to reflect phase changes.
2. Added notes 1-4.

TELECOMMUNICATIONS

CHANGES TO DRAWINGS

Sheet T1.00A

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.00B

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.02

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.03

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.03.1

1. Added sheet to reflect the updated phasing plan.

Sheet T1.04

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.04.1

1. Added sheet to reflect the updated phasing plan.

Sheet T1.05

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.06A

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.06B

1. Revised sheet to reflect the updated phasing plan.

Sheet T1.07A

1. Revised sheet to reflect the updated phasing plan.

END OF REVISION

INDEX

GENERAL

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G2.02	U.L. ASSEMBLIES	2014-12-30		
G2.03	U.L. ASSEMBLIES	2014-12-30		
G2.04	U.L. ASSEMBLIES	2014-12-30		
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G2.07	U.L. ASSEMBLIES	2014-12-30		

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A1.00B	FIRST FLOOR SOUNDWALL PLAN - PART B	2014-12-30	4	03/16/16
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A1.03.1	PHASE III - LOCKERS/ O.R. CONTROL	2014-12-30	4	03/16/16
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A1.04.1	PHASE IV - SPD	2014-12-30	4	03/16/16
A1.05	PHASE V - SPD	2014-12-30	4	03/16/16
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A1.06B	PHASE VI-B - SPD	2014-12-30	4	03/16/16
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STRUCTURAL

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MECHANICAL

SHEET #	DRAWING TITLE	SHEET ISSUE DATE	CURRENT REVISION	CURRENT REVISION DATE
M0.01	HVAC SCHEDULES AND LEGENDS	2014-12-30		
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M0.03	HVAC SCHEDULES	2014-12-30	3	5-12-2015
M0.04	HVAC SCHEDULES	2014-12-30	4	3-16-2016
M0.10	MECHANICAL BASEMENT PLAN	2014-12-30		
M1.00	HVAC ORIENTATION PLAN	2014-12-30		
M1.00A	FIRST FLOOR MECH. PLAN PART A	2014-12-30	3	5-12-2015
M1.00B	FIRST FLOOR MECH. PLAN PART B	2014-12-30	3	5-12-2015
M1.00C	FIRST FLOOR DEMO PLAN PART A	2014-12-30		
M1.00D	FIRST FLOOR DEMO PLAN PART B	2014-12-30		
M1.01	MECHANICAL PHASE I	2014-12-30	3	5-12-2015
M1.02	MECHANICAL PHASE II	2014-12-30	3	5-12-2015
M1.03	MECHANICAL PHASE III	2014-12-15	4	3-16-2016
M1.03.1	MECHANICAL PLAN PHASE III-B - LOCKERS/ O.R. CONTROL	2016-03-16	4	3-16-2016
M1.04	MECHANICAL PHASE IV	2014-12-30	4	3-16-2016
M1.04.1	MECHANICAL PHASE IV - SPD	2016-03-16	4	3-16-2016
M1.05	MECHANICAL PHASE V	2014-12-30	4	3-16-2016
M1.06	MECHANICAL PHASE VI	2014-12-30	4	3-16-2016
M1.06A	MECHANICAL PLAN PHASE VI-A - SPD	2016-03-16	4	3-16-2016
M1.06B	MECHANICAL PLAN PHASE VI-B - SPD	2016-03-16	4	3-16-2016
M1.07A	MECHANICAL PHASE VII-A	2014-12-30	4	3-16-2016
M1.07B	MECHANICAL PHASE VII-B	2014-12-30		
M2.01	MECHANICAL ROOF PLAN - PHASE I	2014-12-30	4	3-16-2016
M2.02	MECHANICAL ROOF PLAN PHASE II	2014-12-30	4	3-16-2016
M2.03	MECHANICAL ROOF PLAN - PHASE III	2014-12-30	4	3-16-2016
M2.04	MECHANICAL ROOF PLAN - PHASE IV	2014-12-30	4	3-16-2016
M2.05	MECHANICAL ROOF PLAN - PHASE V	2014-12-30	4	3-16-2016
M2.06	MECHANICAL ROOF PLAN - PHASE VI	2014-12-30	4	3-16-2016
M2.07	MECHANICAL ROOF PLAN - PHASE VII	2014-12-30	4	3-16-2016
M3.00	MECHANICAL PLAN - CENTRAL PLANT	2014-12-30		
M4.01	HVAC DETAILS	2014-12-30		
M4.02	HVAC DETAILS	2014-12-30		
M4.03	HVAC DETAILS	2014-12-30		
M4.04	HVAC DETAILS	2014-12-30		
M4.05	HVAC DETAILS	2014-12-30		
M4.06	HVAC DETAILS	2014-12-30		
M4.07	HVAC DETAILS	2014-12-30		
M5.01	HVAC CONTROLS	2014-12-30		
M5.02	HVAC CONTROLS	2014-12-30		
M5.03	HVAC CONTROLS	2014-12-30		

ELECTRICAL

E0.01	ELECTRICAL LEGEND	2014-12-30		
E0.02	ELECTRICAL FIXTURE SCHEDULE	2014-12-30		
E0.03	ELECTRICAL RISER DIAGRAM	2014-12-30	3	5-12-2015
E1.00	ELECTRICAL ORIENTATION PLAN	2014-12-30		
E1.00A	FIRST FLOOR ELECTRICAL PLAN - PART A	2014-12-30	4	3-16-2016
E1.00B	FIRST FLOOR ELECTRICAL PLAN - PART B	2014-12-30	4	3-16-2016
E1.01	ELECTRICAL PHASE I PLAN	2014-12-30	3	5-12-2015
E1.02	ELECTRICAL PHASE II PLAN	2014-12-30	4	3-16-2016
E1.03	ELECTRICAL PHASE III PLAN	2014-12-30	4	3-16-2016
E1.03.1	ELECTRICAL PHASE III-B LOCKERS/ O.R. CONTROL	2016-03-16	4	3-16-2016
E1.04	ELECTRICAL PHASE IV PLAN	2014-12-30	4	3-16-2016
E1.04.1	ELECTRICAL PHASE IV-SPD	2016-03-16	4	3-16-2016
E1.05	ELECTRICAL PHASE V PLAN	2014-12-30	4	3-16-2016
E1.06	ELECTRICAL PHASE VI PLAN	2014-12-30	3	5-12-2015
E1.06A	ELECTRICAL PLAN PHASE VI-A - SPD	2016-03-16	4	3-16-2016
E1.06B	ELECTRICAL PLAN PHASE VI-B - SPD	2016-03-16	4	3-16-2016
E1.07A	ELECTRICAL PHASE VII-A PLAN	2014-12-30	4	3-16-2016
E1.07B	ELECTRICAL PHASE VII-B PLAN	2014-12-30		
E1.50A	ROOF PLAN - ELECTRICAL	2014-12-30		
E2.00	ELECTRICAL DETAILS	2014-12-30		
E3.00	ELECTRICAL PANEL SCHEUULES	2014-12-30	3	5-12-2015
E3.01	ISOLATION PANEL SCHEDULES	2014-12-30	1	2-3-2015
E4.00	ELECTRICAL ONE-LINE DIAGRAM	2014-12-30	1	2-3-2015
E5.00	EQUIPMENT BOOM ELEVATIONS	2014-12-30		

PLUMBING

P0.01	PLUMBING DETAILS, NOTES, & SCHEDULES	2014-12-30	4	3-16-2016
P1.00	PLUMBING ORIENTATION PLAN	2014-12-30	4	3-16-2016
P1.01	MEDICAL GAS ORIENTATION PLAN	2014-12-30	4	3-16-2016
P2.01	PLUMBING PHASE I	2014-12-30		
P2.02	PLUMBING PHASE II	2014-12-30	3	5-12-2015
P2.03	PLUMBING PHASE III - PACU & O.R.'S	2014-12-30	4	3-16-2016
P2.03.1	PLUMBING PLAN - PHASE IIIB LOCKERS/ O.R. CONTROL	2016-03-16	4	3-16-2016
P2.04	PLUMBING PHASE IV - O.R.'S	2014-12-30	4	3-16-2016
P2.04.1	PLUMBING PLAN PHASE IV - SPD	2016-03-16	4	3-16-2016
P2.05	PLUMBING PLAN PHASE V SPD	2016-03-16	4	3-16-2016
P2.05B	PLUMBING PHASE V - PLUMBING AND MEDICAL GAS	2015-05-12	3	5-12-2015
P2.06	PLUMBING PHASE VI-A & VI-B	2014-12-30	4	3-16-2016
P2.06A	PLUMBING PLAN PHASE VI-A SPD	2016-03-16	4	3-16-2016
P2.06B	PLUMBING PLAN PHASE VI-B SPD	2016-03-16	4	3-16-2016
P2.07A	PLUMBING PHASE VII-A	2014-12-30	4	3-16-2016
P2.07B	PLUMBING PHASE 3, 4, 5, 6A & 6B	2015-01-28	4	3-16-2016
P3.01	WATER RISER DIAGRAM	2015-03-04	2	3-4-2015
P3.02	WASTE & VENT RISER DIAGRAM	2015-03-04	2	3-4-2015

TELECOMMUNICATIONS

T0.00	TELECOMMUNICATIONS - LEGEND	2014-12-30		
T1.00	TELECOMMUNICATIONS - ORIENTATION PLAN	2014-12-30		
T1.00A	FIRST FLOOR TELECOMMUNICATIONS PLAN - PART A	2014-12-30	4	3-16-2016
T1.00B	FIRST FLOOR TELECOMMUNICATIONS PLAN - PART B	2014-12-30	4	3-16-2016
T1.01	TELECOMMUNICATIONS PHASE I	2014-12-30		
T1.02	TELECOMMUNICATIONS PHASE II	2014-12-30	4	3-16-2016
T1.03	TELECOMMUNICATIONS PHASE III	2014-12-30	4	3-16-2016
T1.03.1	COMMUNICATIONS PLAN - PHASE III - LOCKERS/ O.R. CONTROL	2016-03-16	4	3-16-2016
T1.04	TELECOMMUNICATIONS PHASE IV	2014-12-30	4	3-16-2016
T1.04.1	TELECOMMUNICATIONS PLAN - PHASE IV - SPD	2016-03-16	4	3-16-2016
T1.05	TELECOMMUNICATIONS PHASE V	2014-12-30	3	3-16-2016
T1.06	TELECOMMUNICATIONS PHASE VI	2014-12-30	2	3-4-2015
T1.06A	TELLECOMMUNICATIONS PLAN - PHASE VI-A - SPD	2016-03-16	4	3-16-2016
T1.06B	TELECOMMUNICATIONS PLAN - PHASE VI-B - SPD	2016-03-16	4	3-16-2016
T1.07A	TELECOMMUNICATIONS PHASE VII-A	2014-12-30	4	3-16-2016
T1.07B	TELECOMMUNICATIONS PHASE VII-B	2014-12-30		
T3.01	TELECOMMUNICATIONS - DETAILS	2014-12-30		
T3.02	TELECOMMUNICATIONS - ELEVATIONS	2014-12-30		

REVISIONS (REV. I.D. #4) TO PERMIT 2015-916743 LT.
SCOPE OF REVISIONS ARE DETAILED IN THE ATTACHED 8 1/2 BY 11 PAGES OF INFORMATION.

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Code violations that are found during inspection are required to be corrected. Permit issuance does not grant approval of a code violation. **2009 IBC 105.4**

SEPARATE FIRE ALARM PERMIT REQUIRED
Due to the proposed construction, or a change of occupancy made within this structure, a separate fire alarm permit is required. Approval of documents is required prior to system installation or any request for inspection. A certificate of occupancy or final approval cannot be obtained without this life safety system. 2009 IFC, Section 105.7.5

SEPARATE FIRE SPRINKLER PERMIT REQUIRED
Due to the proposed construction, or a change of occupancy made within this structure, a separate fire sprinkler permit is required. Approval of documents is required prior to system installation or any request for inspection. A certificate of occupancy or final approval cannot be obtained without this life safety system.
2009 IFC, Section 105.7.1

4 ADDED SHEETS A1.03.1, A1.04.1 A1.06A & A1.06B
M1.03.1, M1.04.1, M1.06A, M1.06B
P2.03.1, P2.04.1, P2.05, P2.06A, P2.06B
E1.03.1, E1.04.1, E1.06A, E1.06B
T1.03.1, T1.04.1, T1.06A, T1.06B

4 SHEETS RENAMED P2.03, P2.04, P2.06, P2.07B

4 UPDATED CURRENT REVISION LIST

OMITTED SHEETS

4 SHEETS RENAMED P2.05A, P2.05B

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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STATE OF COLORADO · RICHARD L. MILLER · 37793 · 3-15-16 · LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 3	05/12/15
Revision 4	03/16/16

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

Drawing Title

INDEX SHEET

Sheet Number

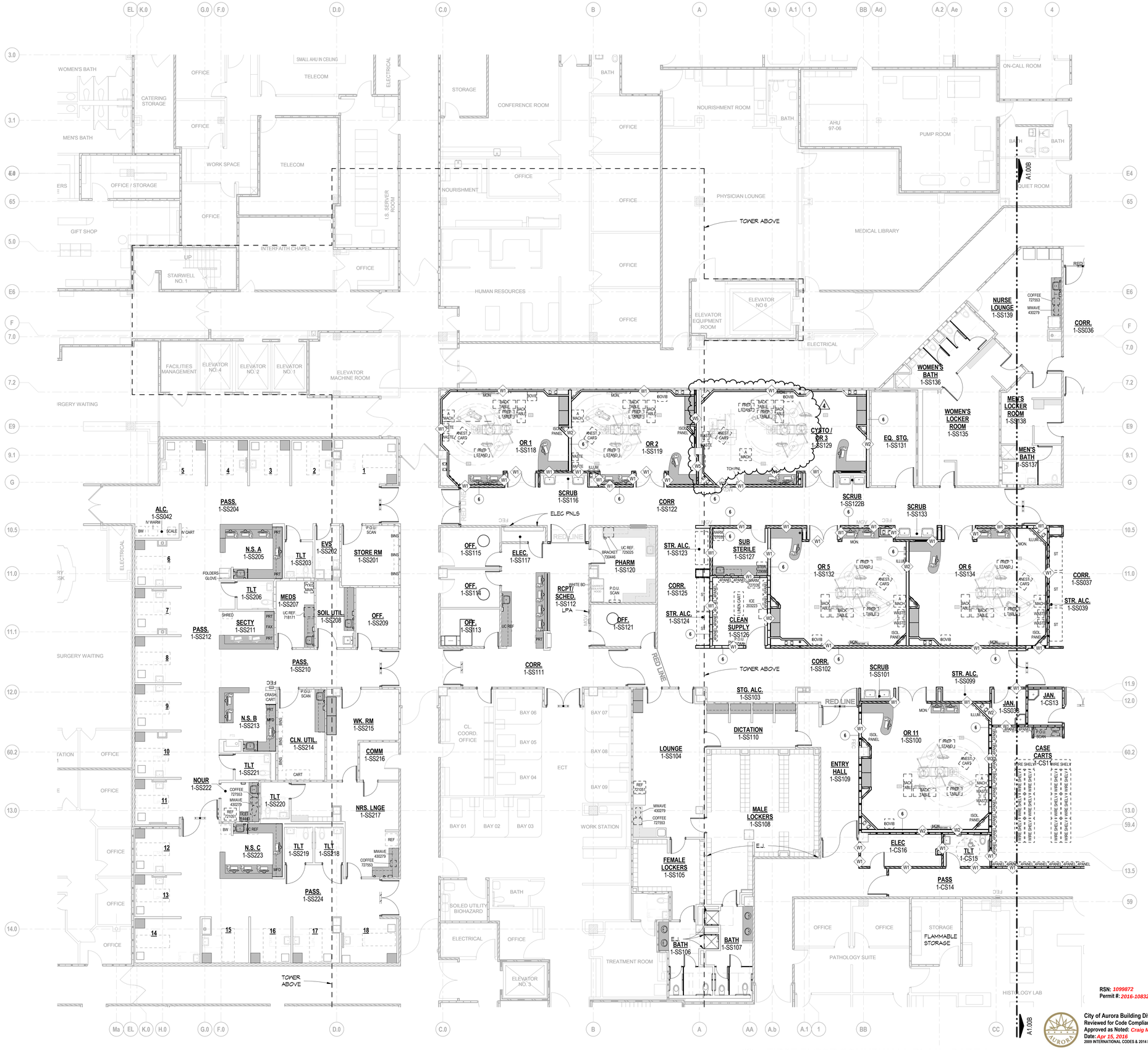
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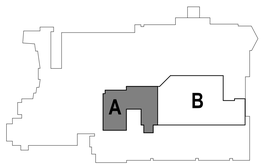
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SOUND WALL LEGEND

	STC RANGE	DESCRIPTION
W1	STC 45-49	EQUIVALENT TO WP 1072; 4 7/8" MIN. STEEL STUD WALL SYSTEM
W2	STC 50-54	EQUIVALENT TO WP 1052; 5 1/2" MIN. STEEL STUD WALL SYSTEM * UNBALANCED
W3	STC 55-59	EQUIVALENT TO WP 1522; 6 1/8" MIN. STEEL STUD WALL SYSTEM
W4	STC 65-69	EQUIVALENT TO WP 5060; 10 3/4" MIN. STEEL STUD WALL SYSTEM * DOUBLE STUD
W5	STC 50-54	EQUIVALENT TO WP 7051; 5 1/4" MIN. STEEL CH-STUD SHAFT WALL SYSTEM
W6	STC 55	8" MIN. GROUTED CMU WALL SYSTEM

NOTE: VERIFY ALL WALL THICKNESSES, STUD GAUGE, STUD SPACING AND SOUND ATTENUATION BLANKET WITH DOCUMENTS. REFER TO THE GYPSUM ASSOCIATION "FIRE RESISTANCE DESIGN MANUAL" FOR WP ASSEMBLIES.





FIRST FLOOR KEY PLAN

FIRST FLOOR SOUNDWALL PLAN - PART A
SCALE: 1/8" = 1'-0"

RSN: 1099872
Permit #: 2016-1083264 LT

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Craig Macy
Date: Apr 15, 2016
2009 INTERNATIONAL CODES & 2014 NEC

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: REV. TO RSN 966198
Permit #: 2015-916743 LT

DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

Drawing Title

FIRST FLOOR SOUNDWALL PLAN - PART A

Sheet Number

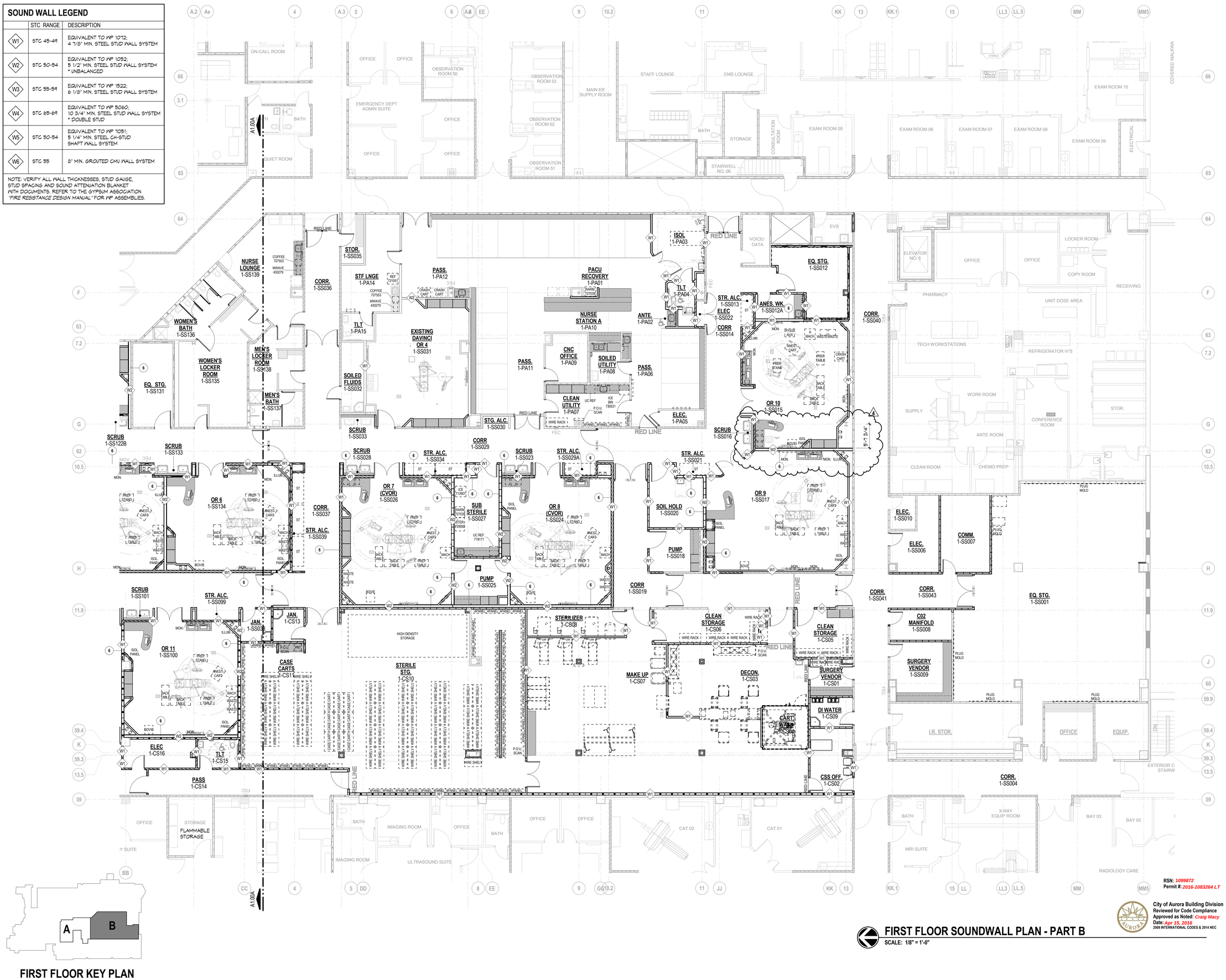
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SOUND WALL LEGEND

	STC RANGE	DESCRIPTION
W1	STC 45-49	EQUIVALENT TO WP 1072; 4 7/8" MIN. STEEL STUD WALL SYSTEM
W2	STC 50-54	EQUIVALENT TO WP 1052; 5 1/2" MIN. STEEL STUD WALL SYSTEM * UNBALANCED
W3	STC 55-59	EQUIVALENT TO WP 1522; 6 1/8" MIN. STEEL STUD WALL SYSTEM
W4	STC 65-69	EQUIVALENT TO WP 5060; 10 3/4" MIN. STEEL STUD WALL SYSTEM * DOUBLE STUD
W5	STC 50-54	EQUIVALENT TO WP 7051; 5 1/4" MIN. STEEL CH-STUD SHAFT WALL SYSTEM
W6	STC 55	8" MIN. GROUTED CMU WALL SYSTEM

NOTE: VERIFY ALL WALL THICKNESSES, STUD GAUGE, STUD SPACING AND SOUND ATTENUATION BLANKET WITH DOCUMENTS. REFER TO THE GYPSUM ASSOCIATION "FIRE RESISTANCE DESIGN MANUAL" FOR WP ASSEMBLIES.



FIRST FLOOR KEY PLAN

FIRST FLOOR SOUNDWALL PLAN - PART B

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

RSN: 1099872
Permit #: 2016-1083264 LT

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Craig Macy
Date: Apr 15, 2016
2009 INTERNATIONAL CODES & 2014 NEC

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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STATE OF COLORADO
RICHARD L. MILLER
REGISTERED
3/31/2023
3-15-16
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: REV. TO RSN 966198
Permit #: 2015-916743 LT

DOCUMENT CHANGES

Description	Date
Revision 3	05/12/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By	WZW
Checked By	CP

Drawing Title

FIRST FLOOR SOUNDWALL PLAN - PART B

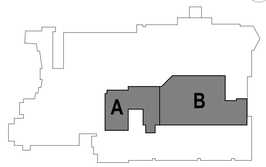
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PHASE VI-A A1.06
PHASE VI-B A1.06
PHASE III A1.03
PHASE VII A1.07A
PHASE II A1.02
PHASE VI-B A1.07B
PHASE VI-A A1.07B
PHASE V A1.07B
PHASE III A1.03.1
PHASE IV A1.04
PHASE III A1.03
PHASE I A1.01
PHASE IV A1.07B
PHASE III A1.03.1
PHASE VI-B A1.06B
PHASE V A1.05
PHASE IV A1.04.1
PHASE VI-A A1.06A
PHASE III A1.07B
A1.00A
A1.00B

THE TOTAL SQUARE FOOTAGE OF THE RENOVATED AREA FOR ALL PHASES IS 42,268 SF



FIRST FLOOR KEY PLAN

FIRST FLOOR ORIENTATION PLAN

SCALE: 1/16" = 1'-0"

RSN: 1099872
Permit #: 2016-1083264 LT

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Craig Macy
Date: Apr 15, 2016
2009 INTERNATIONAL CODES & 2014 NEC

4 PHASING UPDATED

ESa
Earl Swensson Associates, Inc.
richard I. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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RICHARD I. MILLER
201203
3-15-16
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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: REV. TO RSN 966198
Permit #: 2015-916743 LT

DOCUMENT CHANGES

Description	Date
Revision 2	03/04/15
Revision 3	05/12/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

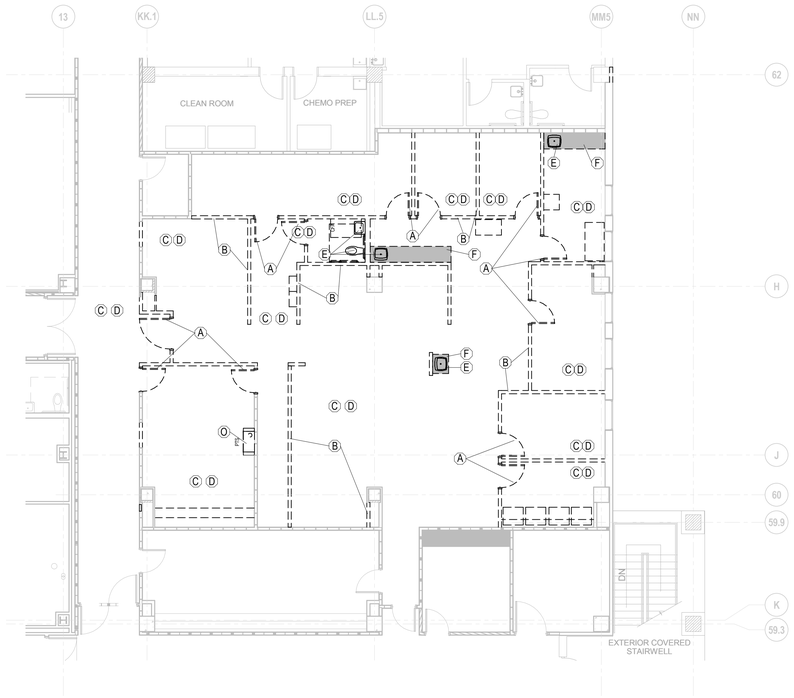
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FIRST FLOOR ORIENTATION PLAN

Sheet Number

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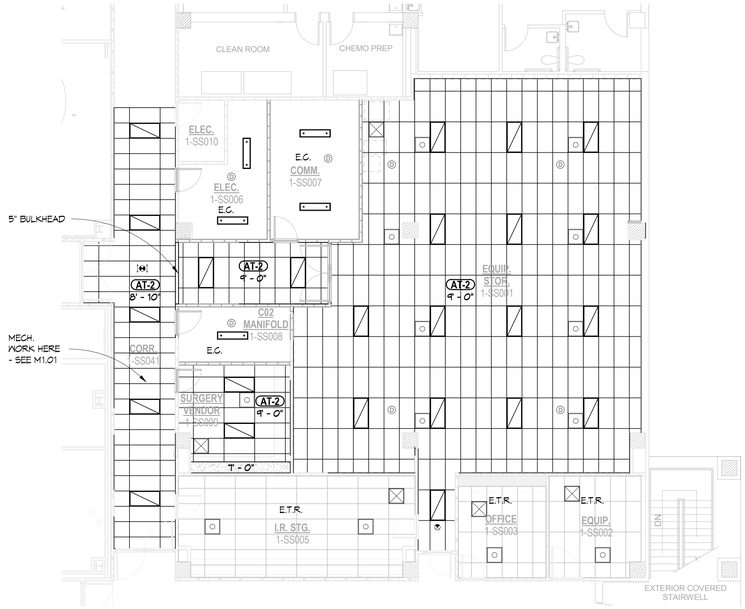
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DEMOLITION PLAN - PHASE I

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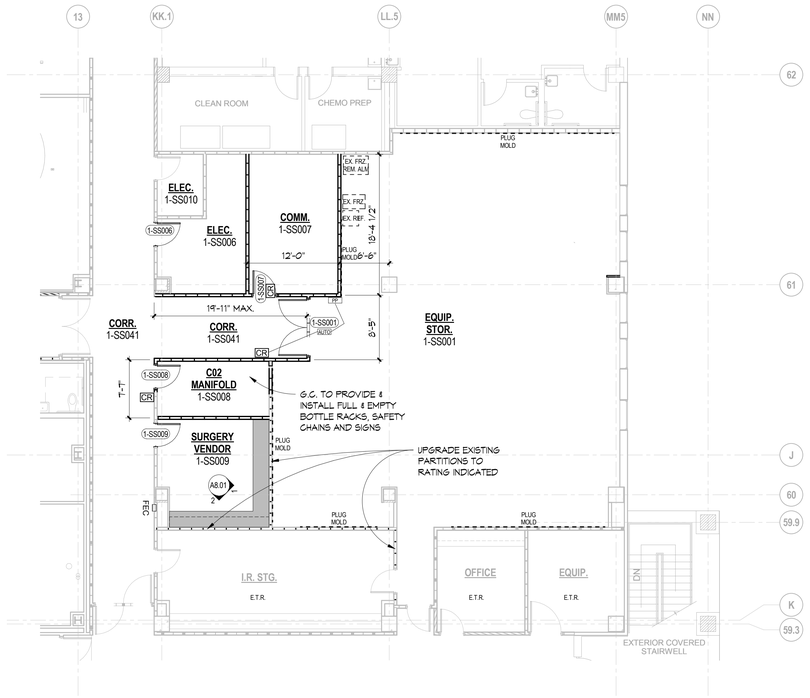
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



RCP - PHASE I

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

SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES



FLOOR PLAN - PHASE I

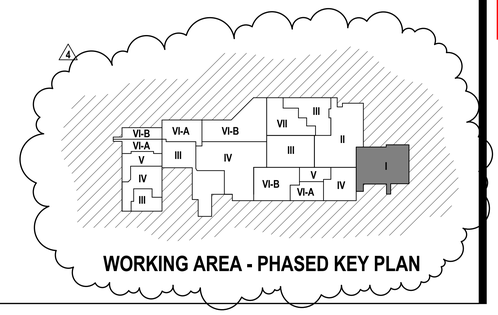
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SEE A1.00N FOR GENERAL NOTES & WALL LEGEND

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

4
PHASING UPDATED



WORKING AREA - PHASED KEY PLAN

Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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RSN: *REV. TO RSN 966198*
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DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 3	05/12/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

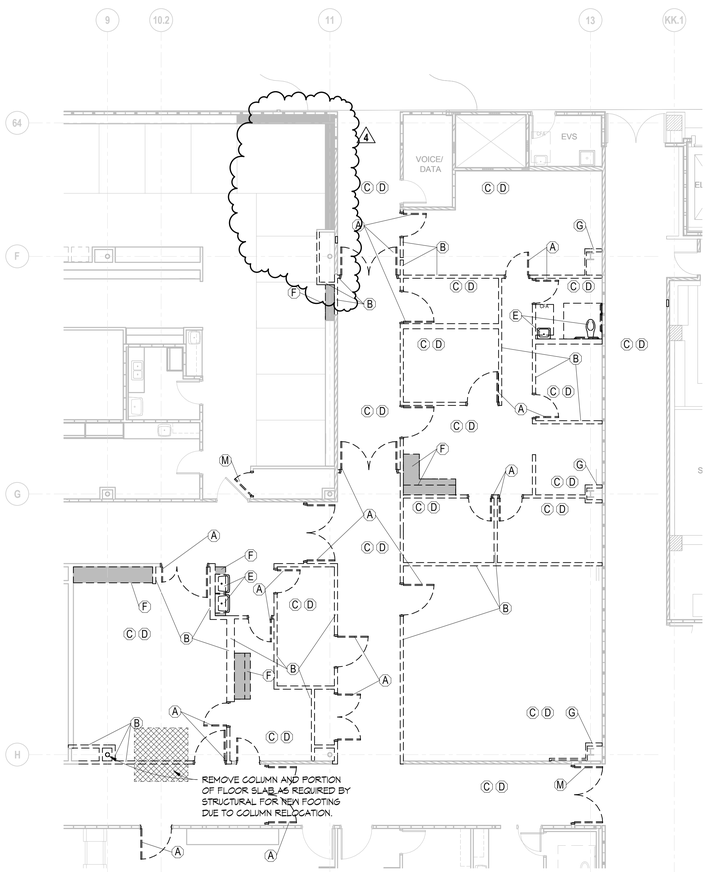
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PHASE I

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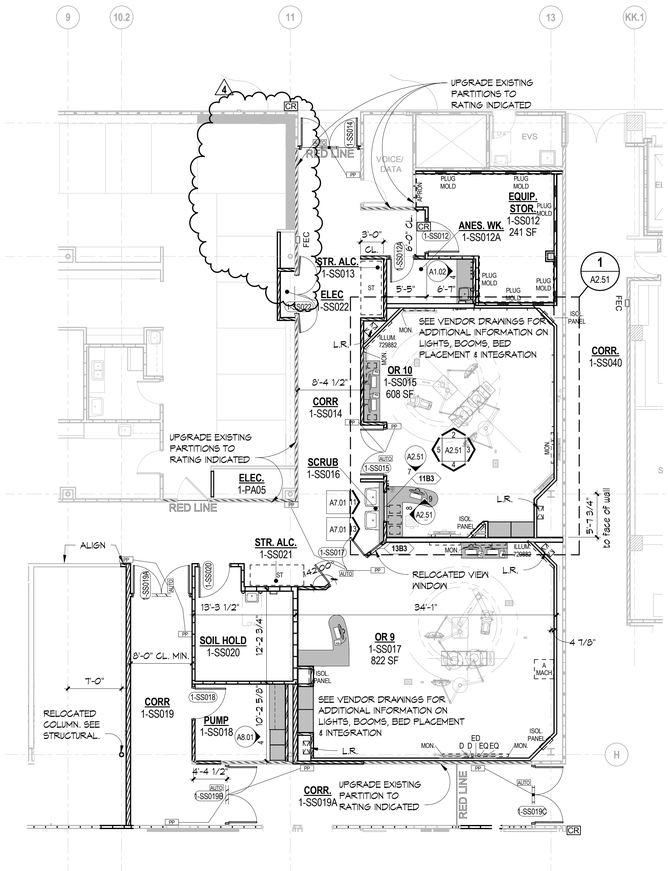
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DEMOLITION PLAN - PHASE II

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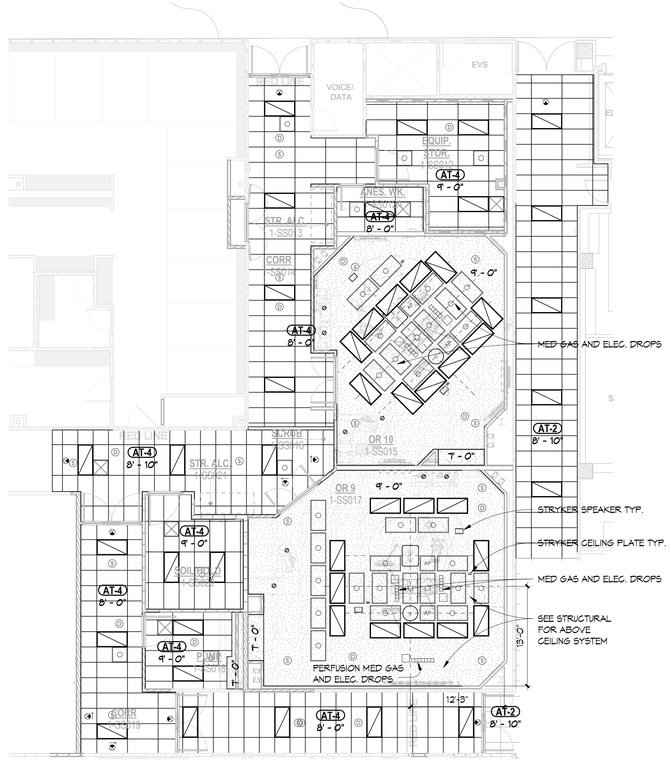
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE II

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

SEE A1.00N FOR GENERAL NOTES & WALL LEGEND



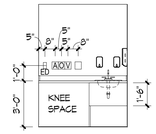
RCP - PHASE II

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

SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES

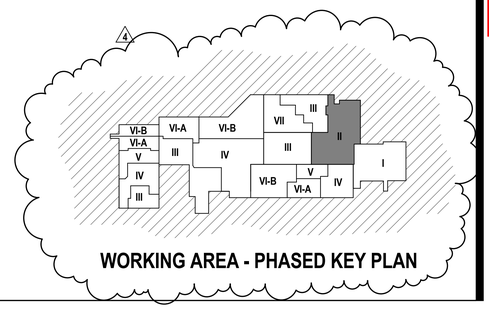
RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC



PHASING UPDATED 4

4 1-SS012A ANES. WK.



WORKING AREA - PHASED KEY PLAN

Earl Swensson Associates, Inc.

richard l. miller, architect
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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 2	03/04/15
Revision 3	05/12/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By	WZW
Checked By	CP

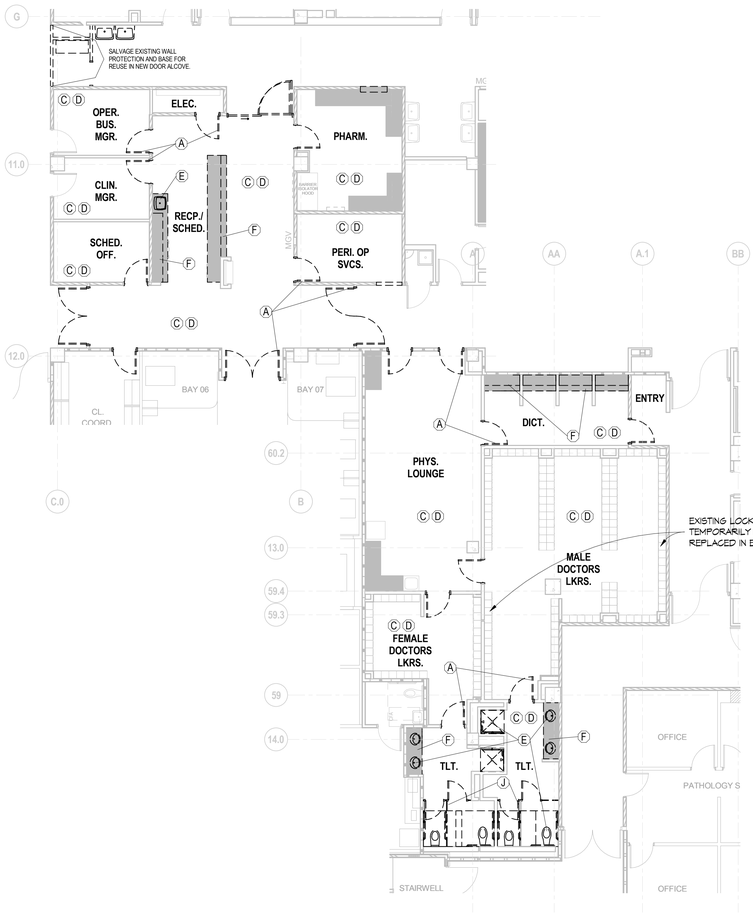
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PHASE II

Sheet Number

A1.02

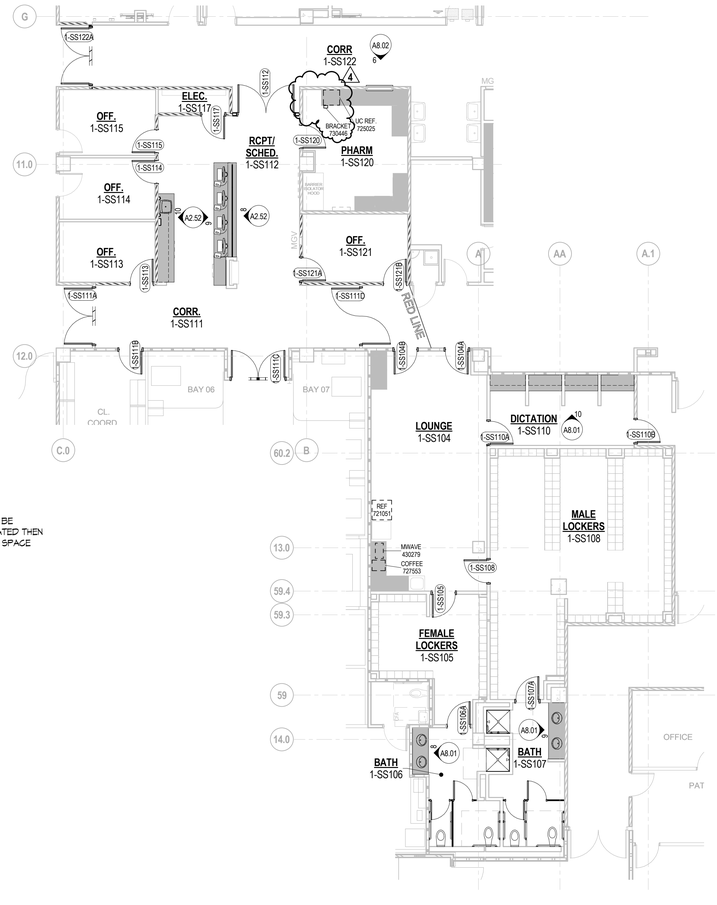
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DEMOLITION PLAN - PHASE III-B LOCKERS/ O.R. CONTROL

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

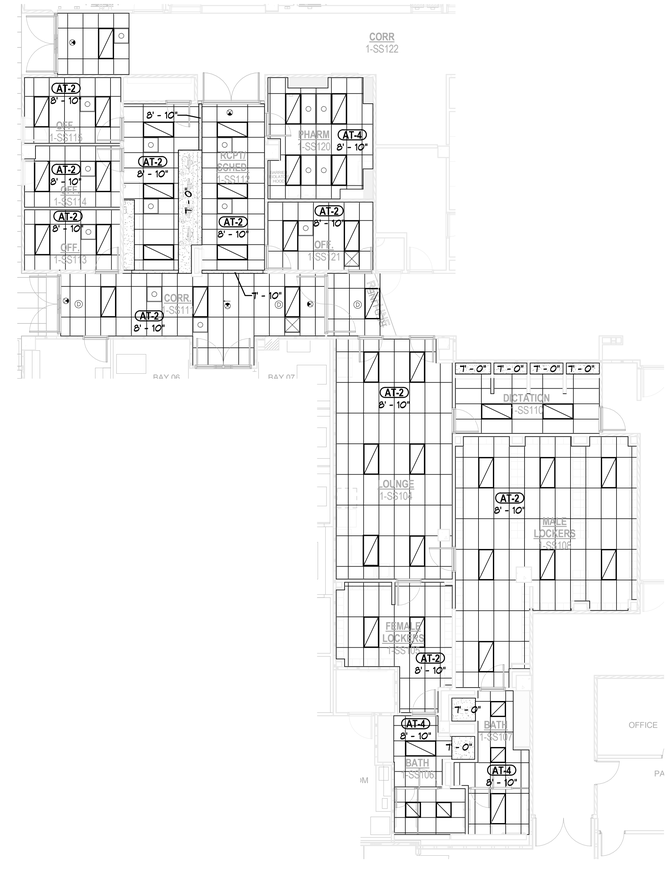
SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES



FLOOR PLAN - PHASE III-B LOCKERS/ O.R. CONTROL

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

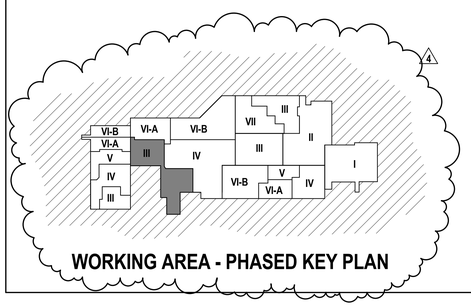
SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES



RCP - PHASE III - B LOCKERS/ O.R. CONTROL

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

SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES



RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
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2009 INTERNATIONAL CODES & 2014 NEC

SHEET ADDED PHASING UPDATED 4

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richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
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1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

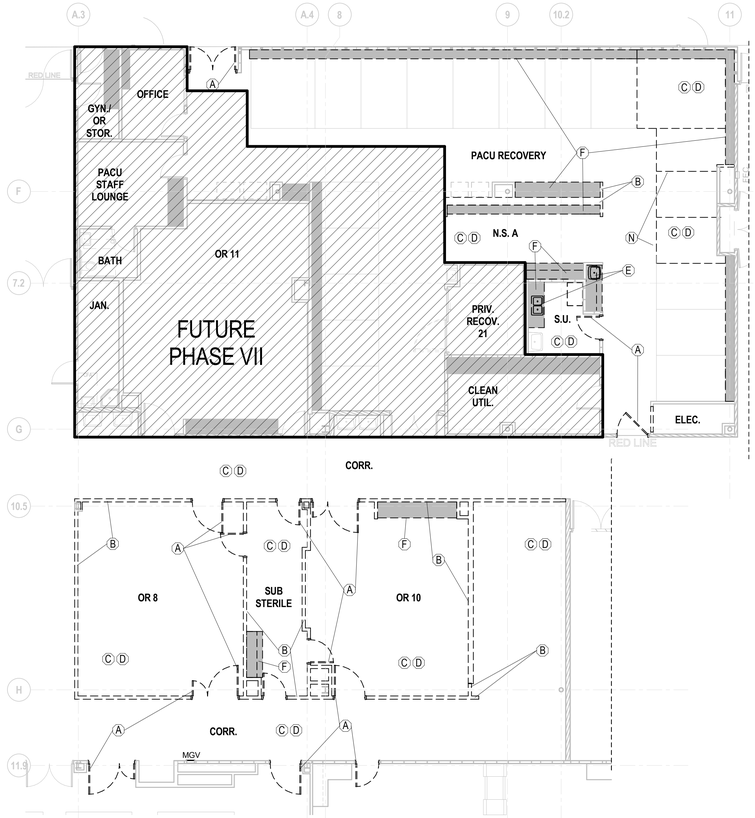
Drawing Title

PHASE III - LOCKERS/ O.R. CONTROL

Sheet Number

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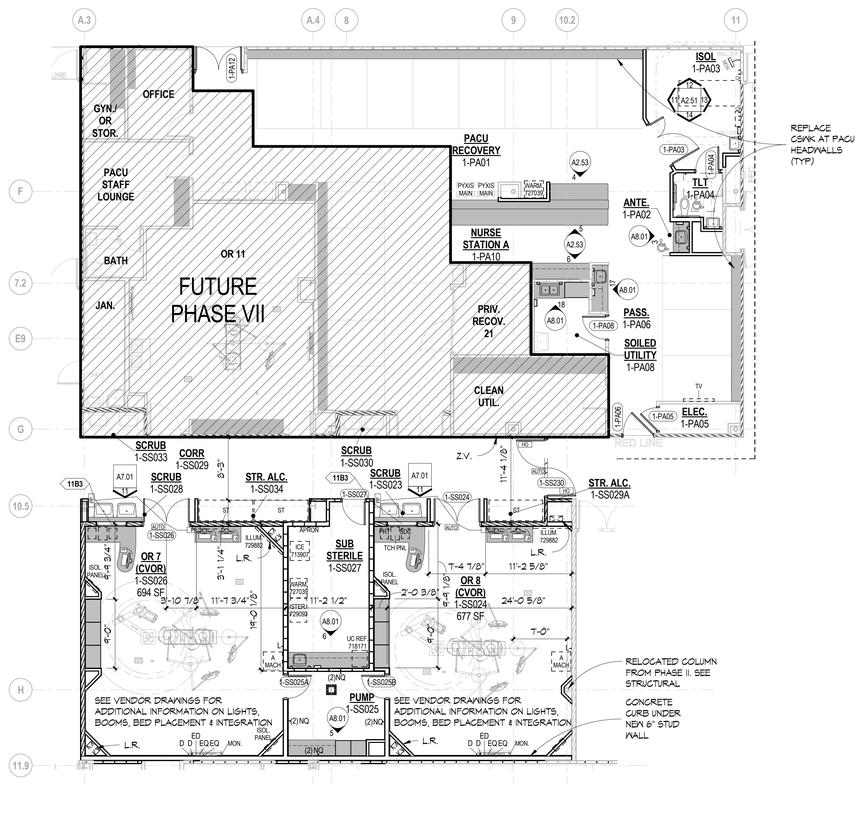
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DEMOLITION PLAN - PHASE III - PACU & OR'S

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

SEE A1.00N FOR GENERAL NOTES & WALL LEGEND

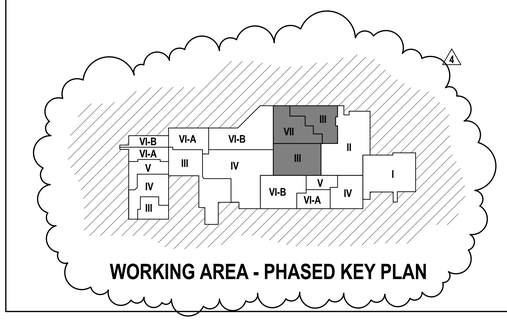


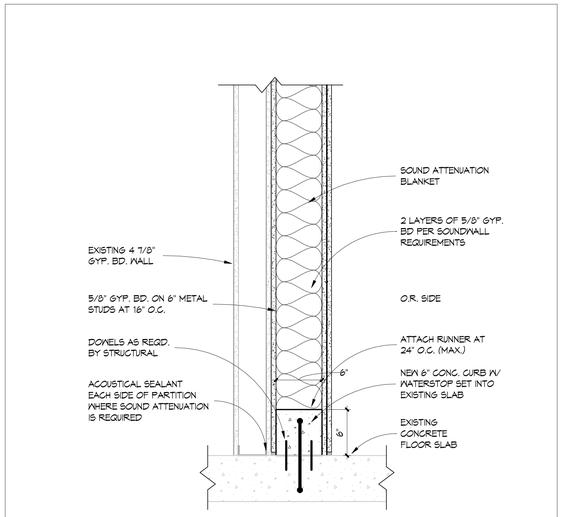
FLOOR PLAN - PHASE III - PACU & OR'S

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

SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES

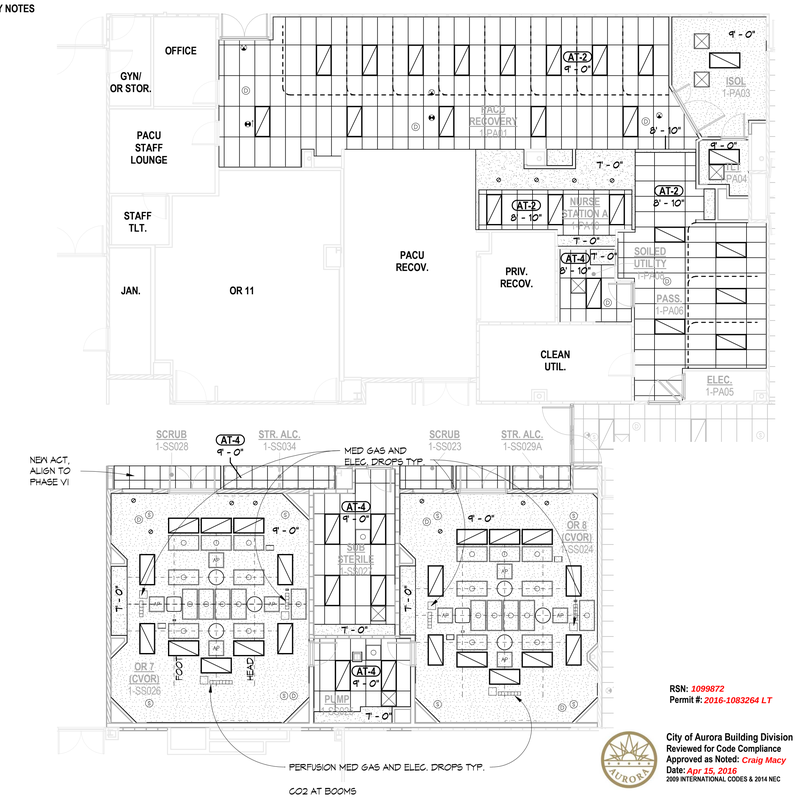
PHASING UPDATED 4





CONCRETE CURB DETAIL (STERILE AREA)

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



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City of Aurora Building Division
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RCP - PHASE III - PACU & OR'S

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

SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES

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richard l. miller, architect
1033 Demonbreun Street
Suite 800
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ARCHITECT
3911203
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RSN: *REV. TO RSN 966198*
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DOCUMENT CHANGES

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Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

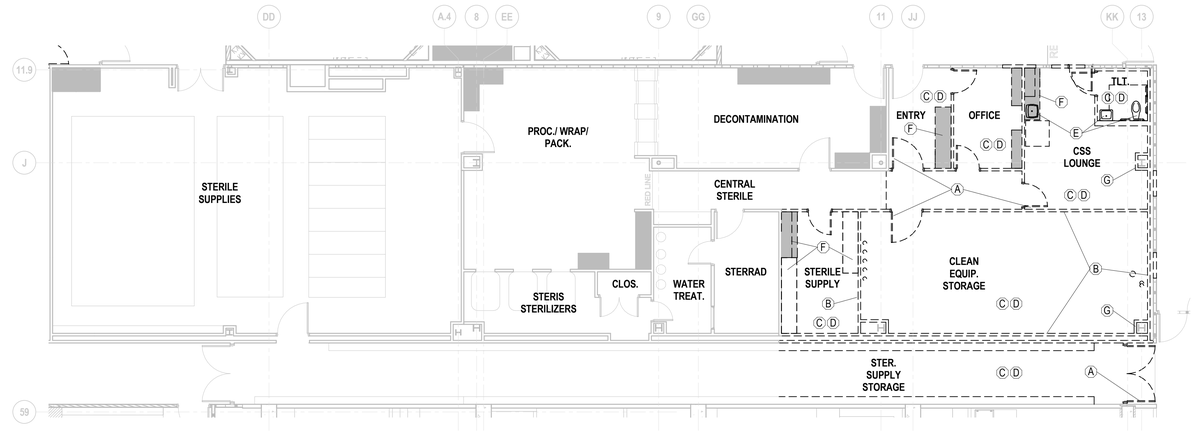
Drawing Title

PHASE III - PACU & OR'S

Sheet Number

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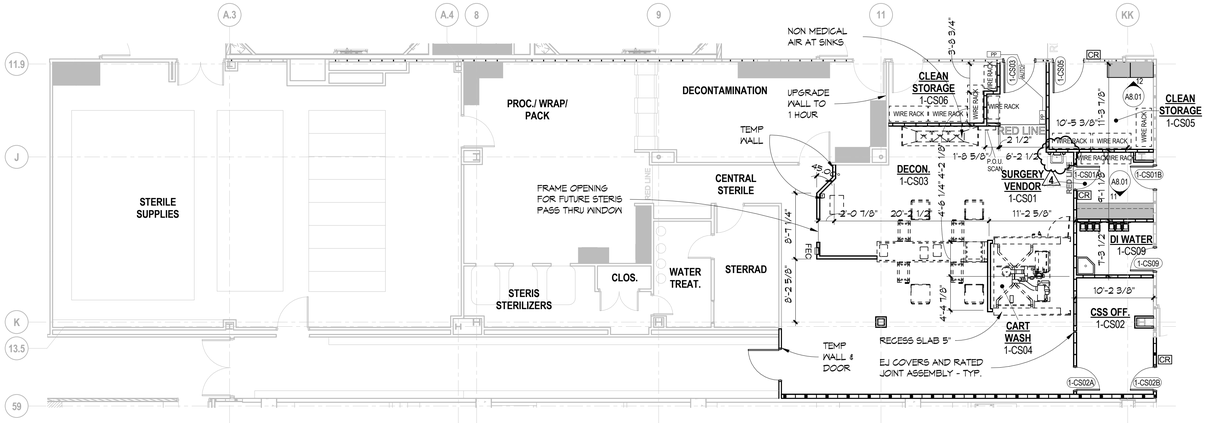
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DEMOLITION PLAN - PHASE IV - SPD

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

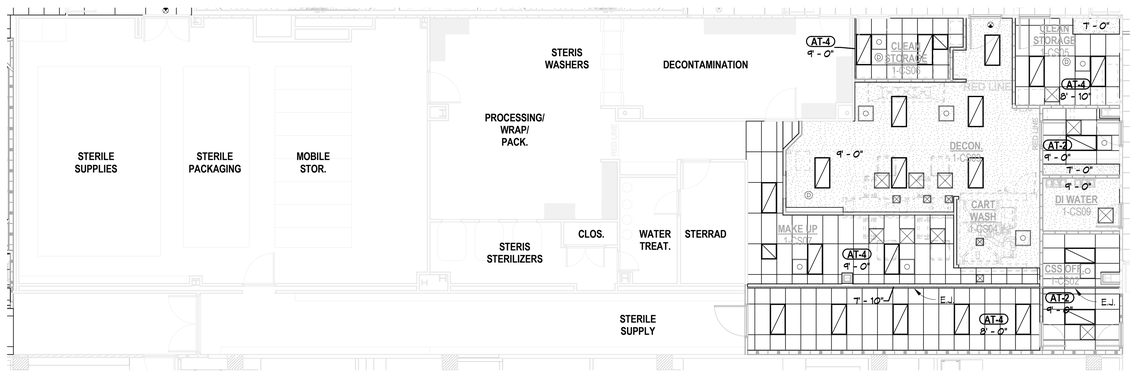
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE IV - SPD

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

SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



RCP - PHASE IV - SPD

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

SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES

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Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
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Permit #: *2016-1083264 LT*

City of Aurora Building Division
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Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

4 SHEET ADDED PHASING UPDATED

DOCUMENT CHANGES

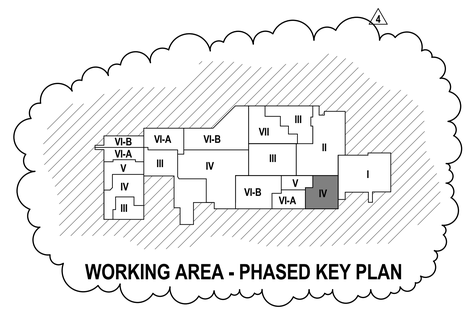
Description	Date
Revision 4	03/16/16

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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

Drawing Title

PHASE IV - SPD



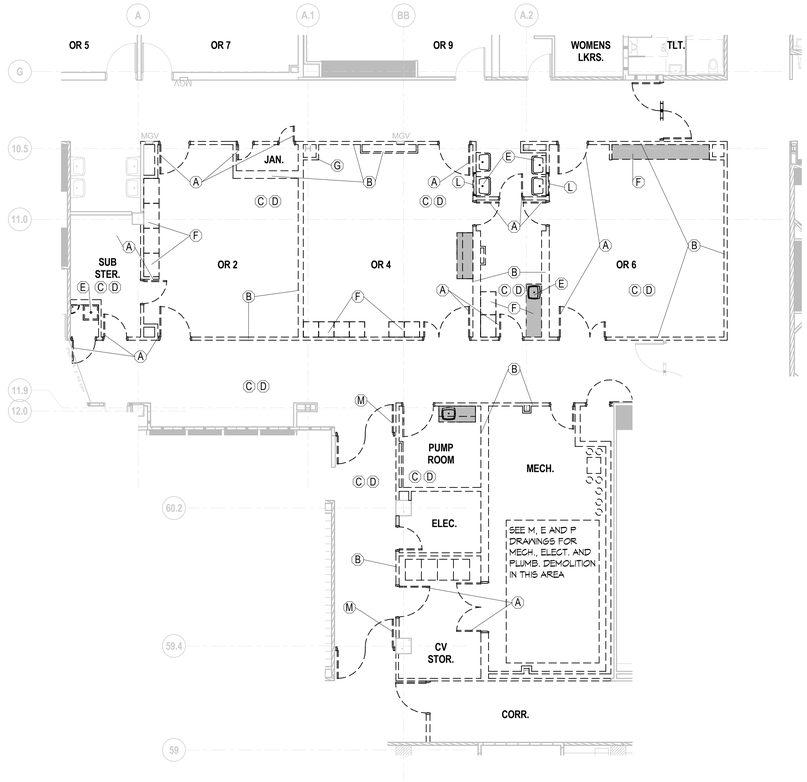
WORKING AREA - PHASED KEY PLAN

Sheet Number

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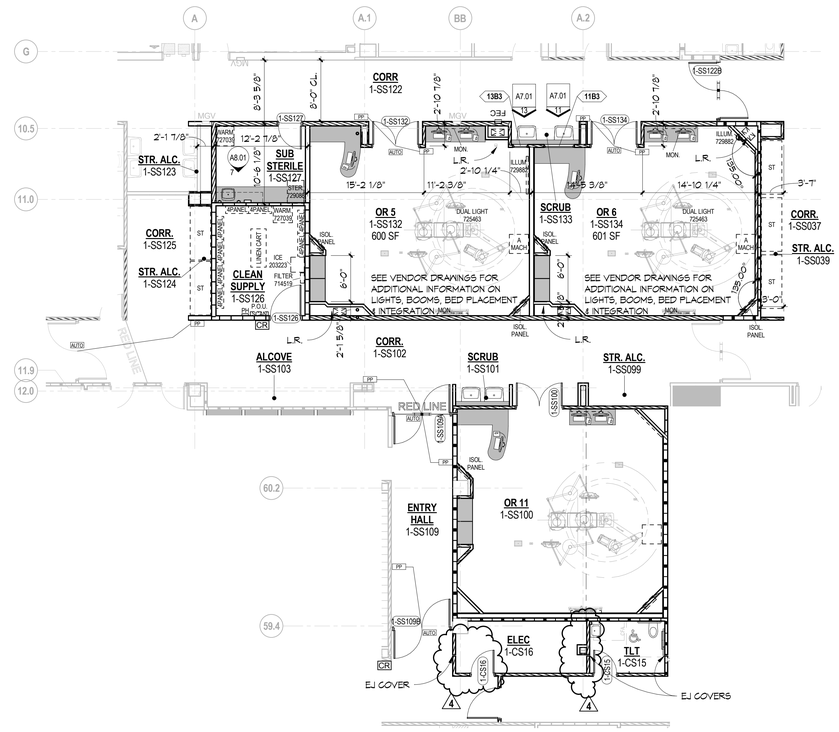
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DEMOLITION PLAN - PHASE IV - OR'S

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

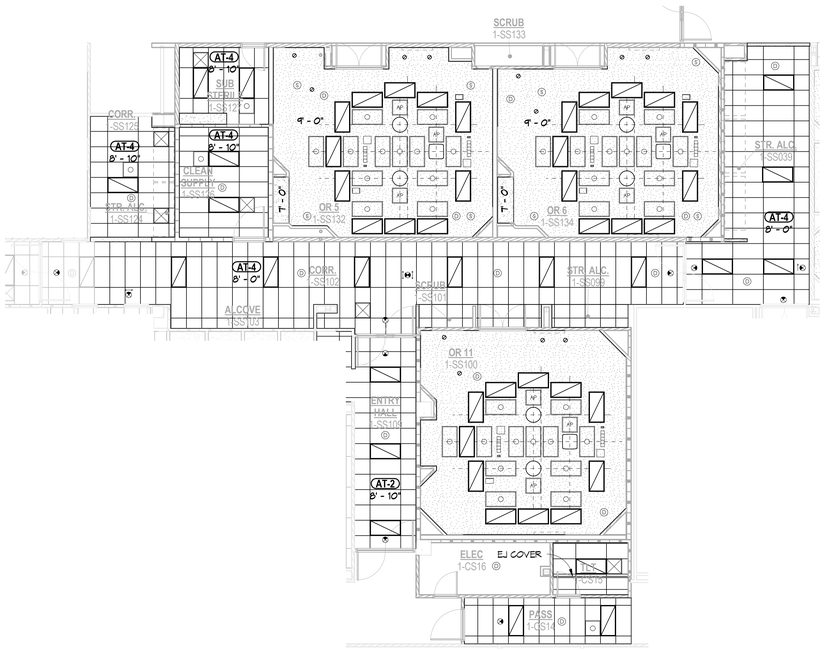
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE IV - OR'S

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

SEE A1.00N FOR GENERAL NOTES & WALL LEGEND



RCP - PHASE IV - OR'S

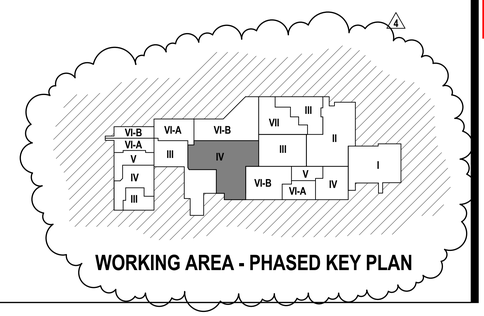
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SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
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Date: *Apr 15, 2016*
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PHASING UPDATED 4



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Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
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THE MEDICAL CENTER OF AURORA RENOVATIONS

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RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 3	05/12/15
Revision 4	03/16/16

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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: WZW	Checked By: CP

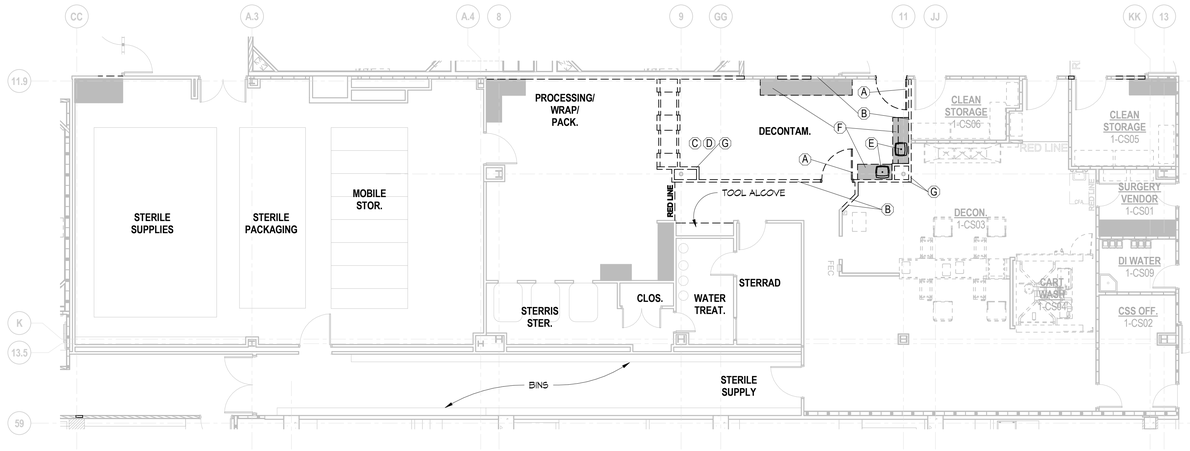
Drawing Title

PHASE IV - OR'S

Sheet Number

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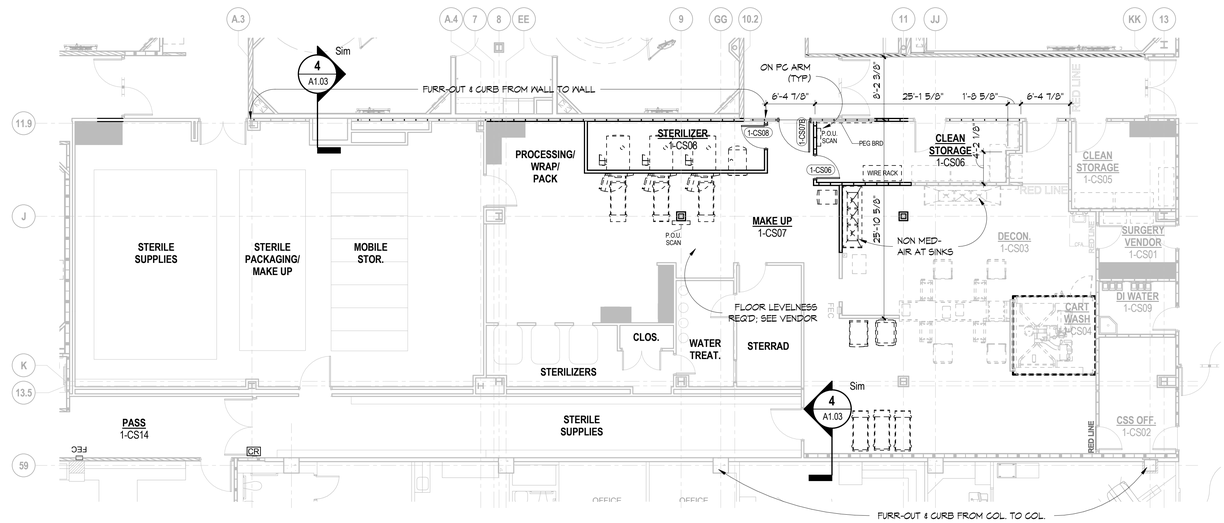
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DEMOLITION PLAN - PHASE V-SPD

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

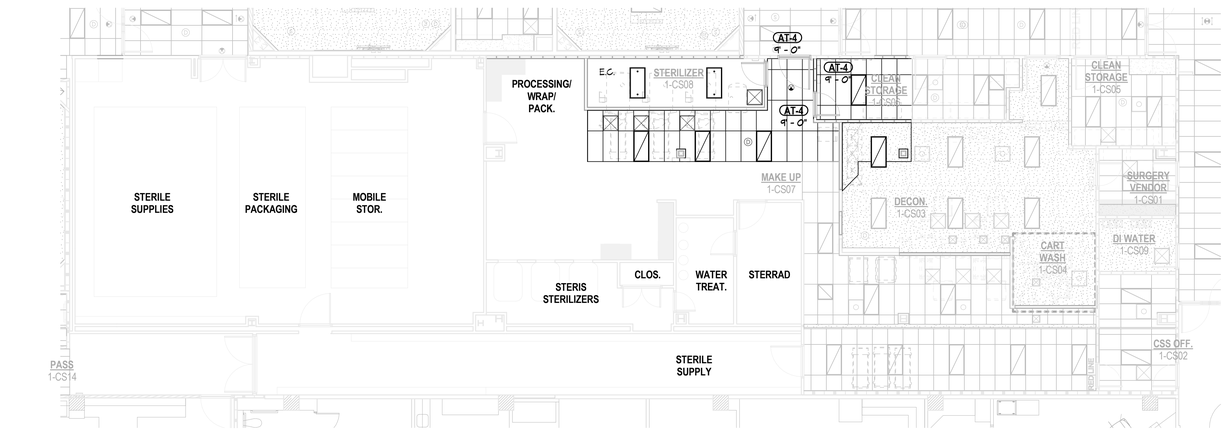
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE V - SPD

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

SEE A1.00N FOR GENERAL NOTES & WALL LEGEND



RCP - PHASE V - SPD

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

SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES

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37128
3-15-16
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RSN: *1099872*
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City of Aurora Building Division
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THE MEDICAL CENTER OF AURORA RENOVATIONS

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Drawn By WZW	Checked By CP

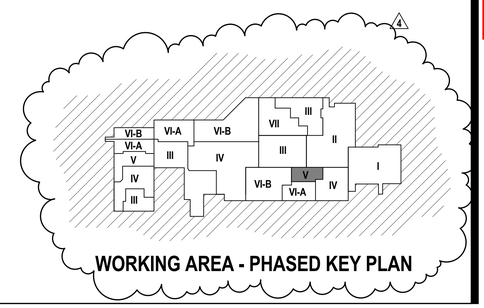
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PHASE V - SPD

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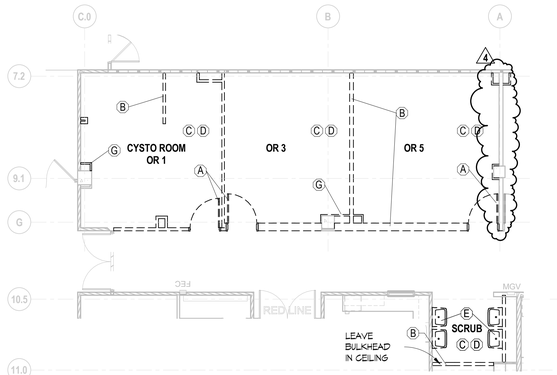
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4 PHASING UPDATED



WORKING AREA - PHASED KEY PLAN

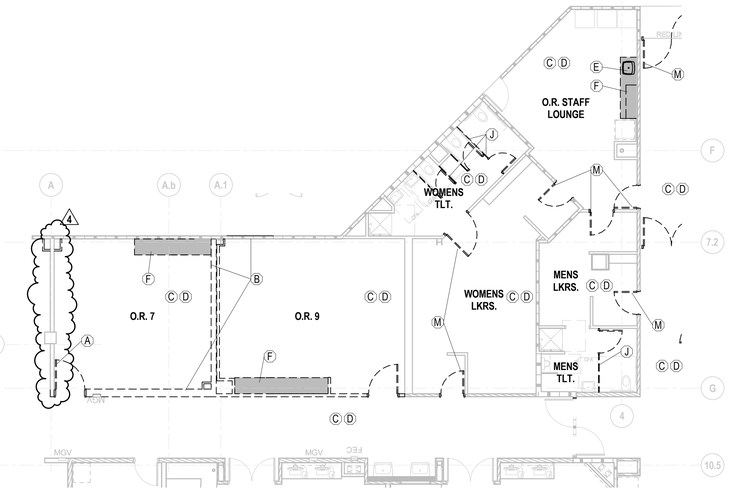
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DEMOLITION PLAN - PHASE VI-A - OR

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

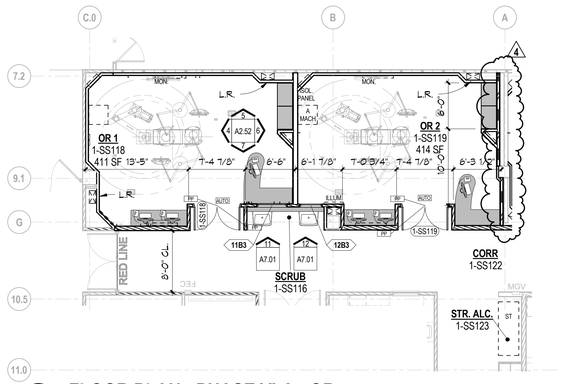
SEE A1.00N FOR DEMOLITION LEGEND , NOTES & KEY NOTES



DEMOLITION PLAN - PHASE VI-B - OR

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

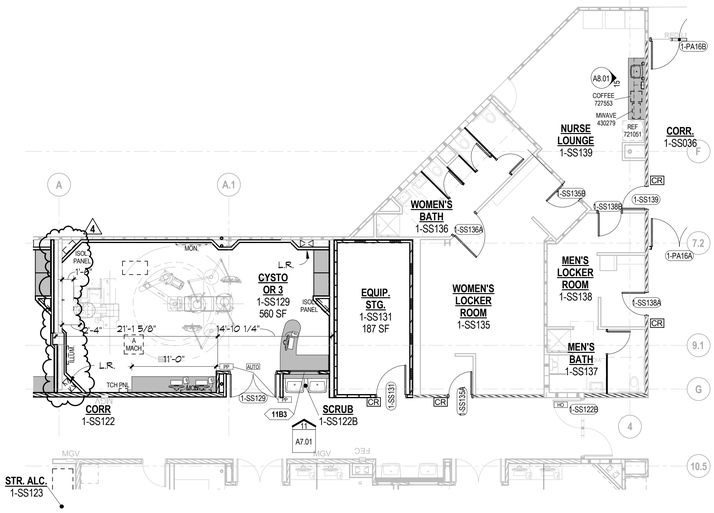
SEE A1.00N FOR DEMOLITION LEGEND , NOTES & KEY NOTES



FLOOR PLAN - PHASE VI-A - OR

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

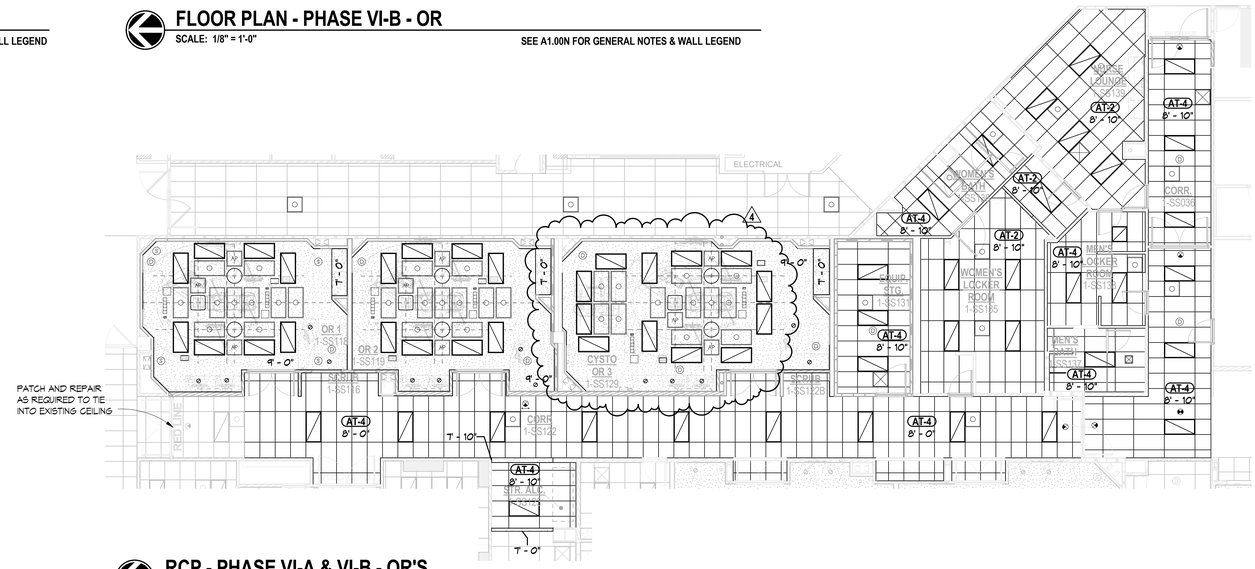
SEE A1.00N FOR GENERAL NOTES & WALL LEGEND



FLOOR PLAN - PHASE VI-B - OR

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

SEE A1.00N FOR GENERAL NOTES & WALL LEGEND

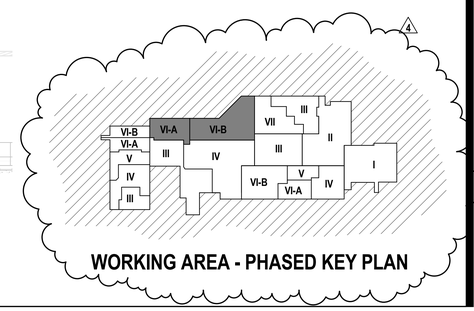


RCP - PHASE VI-A & VI-B - OR'S

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

SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES

PHASING UPDATED 4



WORKING AREA - PHASED KEY PLAN

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City of Aurora Building Division
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ARCHITECT
3/15/16
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

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Drawn By	WZW
Checked By	CP

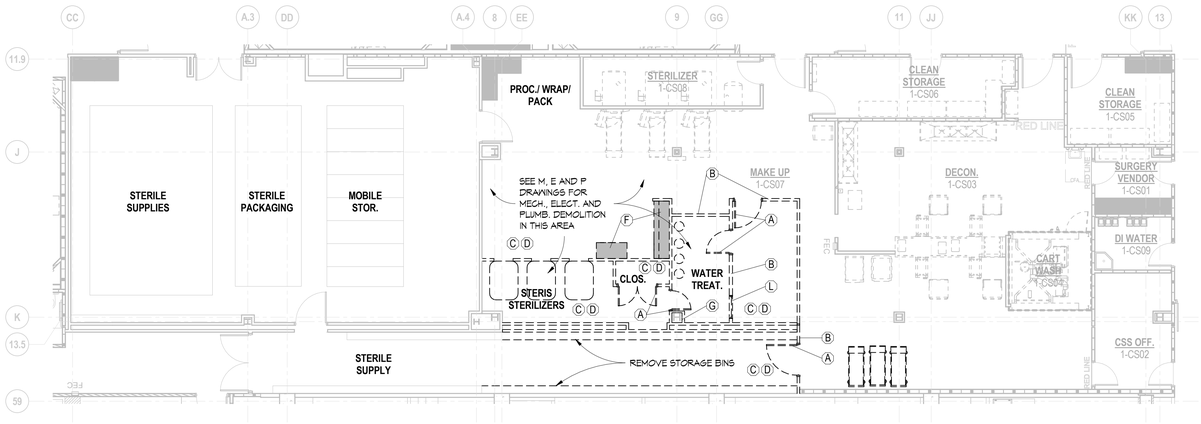
Drawing Title

PHASE VI-A & VI-B

Sheet Number

A1.06

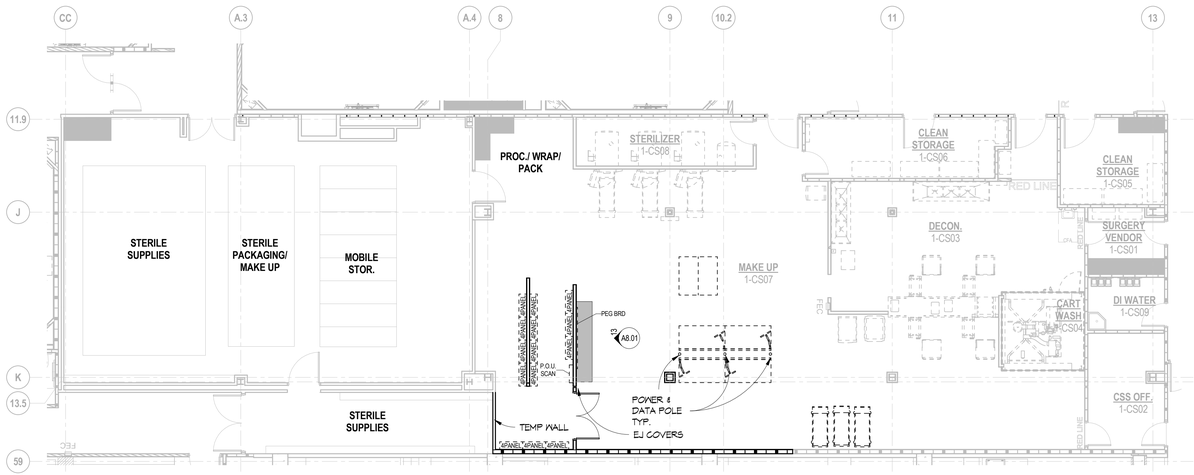
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DEMOLITION PLAN - PHASE VI-A - SPD

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

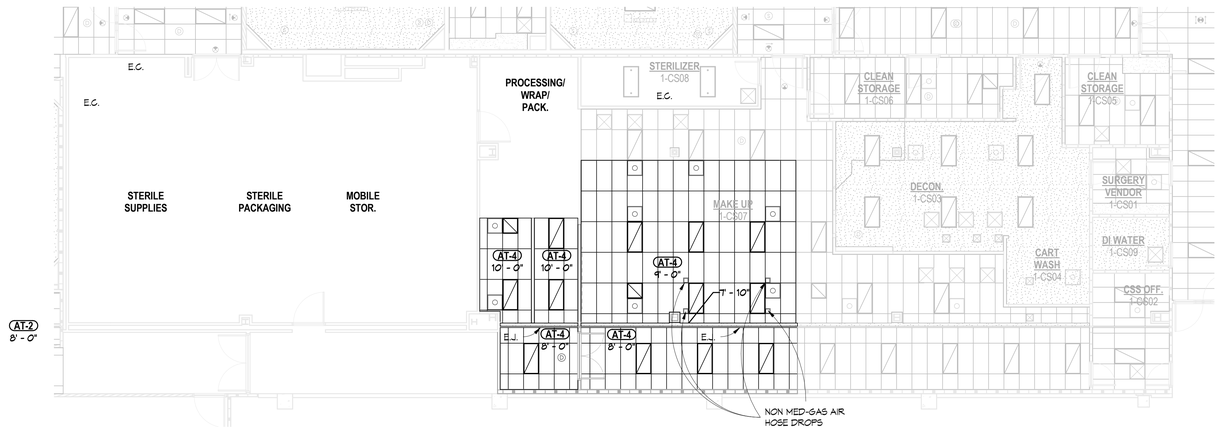
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE VI-A - SPD

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

SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



RCP - PHASE VI-A - SPD

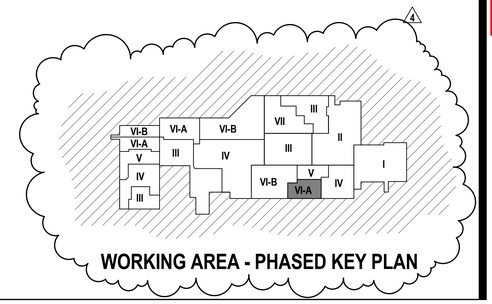
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SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

4 SHEET ADDED PHASING UPDATED



WORKING AREA - PHASED KEY PLAN

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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STATE OF COLORADO
RICHARD L. MILLER
201283
3-15-16
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

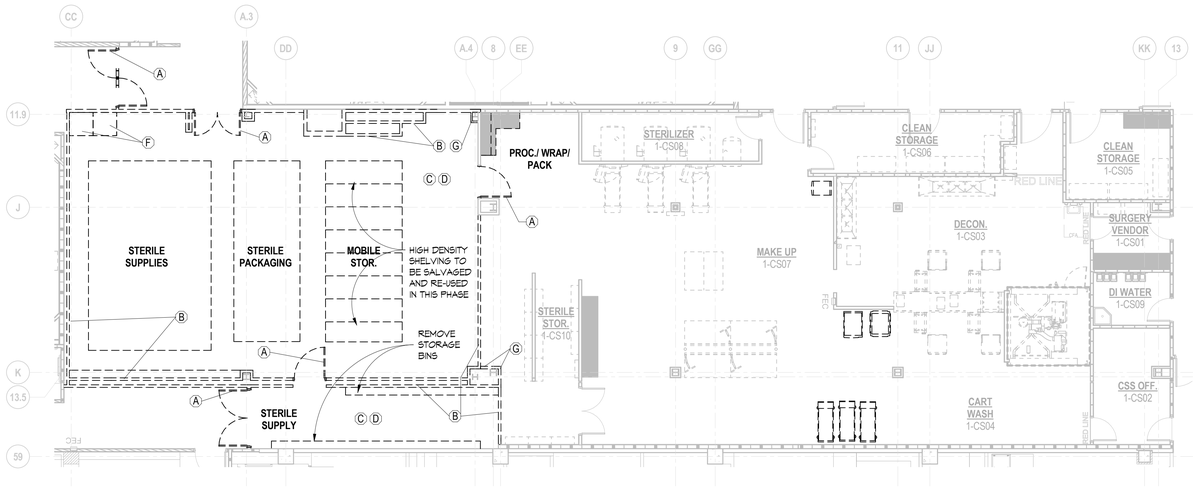
Drawing Title

PHASE VI-A - SPD

Sheet Number

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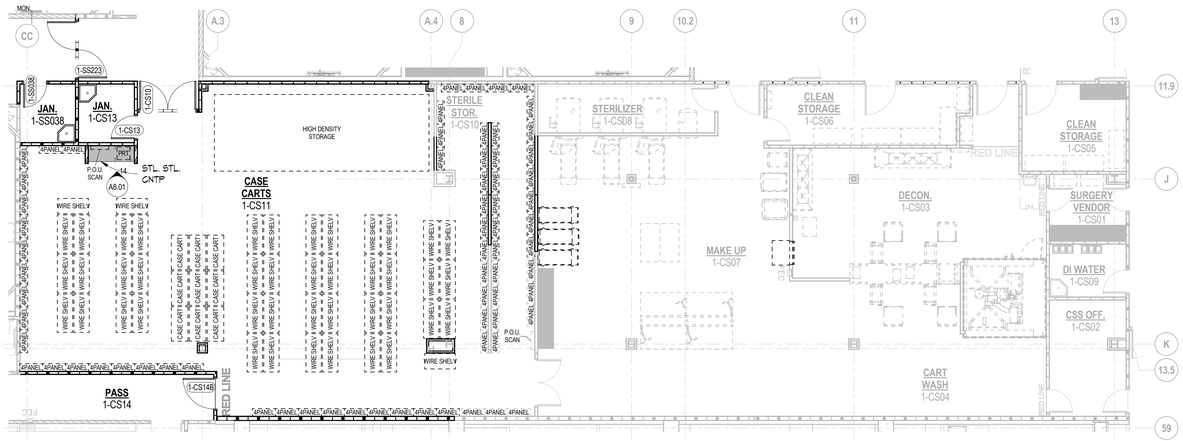
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DEMOLITION PLAN - PHASE VI-B - SPD

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

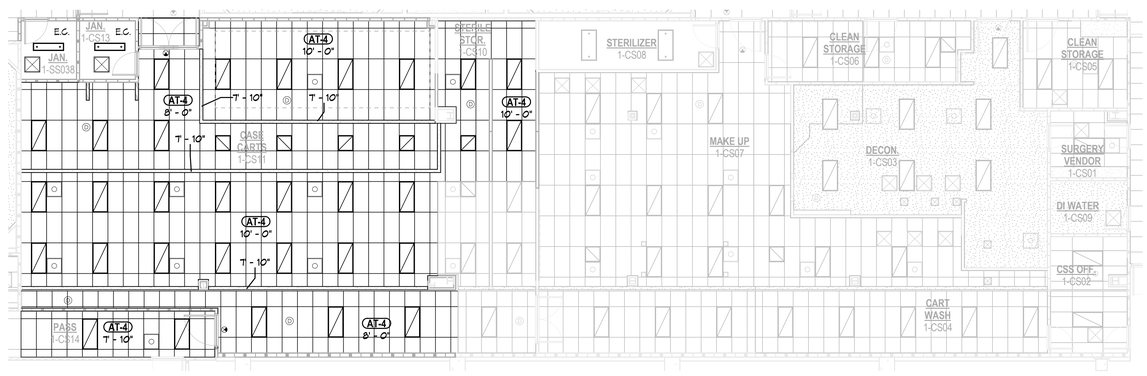
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE VI-B - SPD

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

SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



RCP - PHASE VI-B - SPD

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

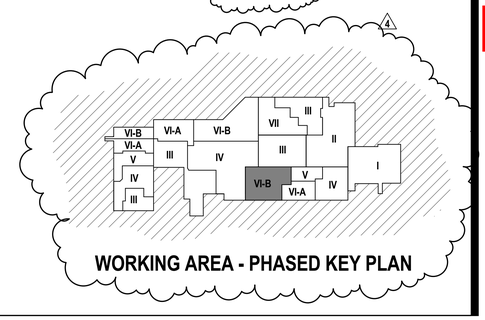
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

SHEET ADDED PHASING UPDATED 4

4



WORKING AREA - PHASED KEY PLAN

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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RICHARD L. MILLER
Reg. No. 36139
3-15-16
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

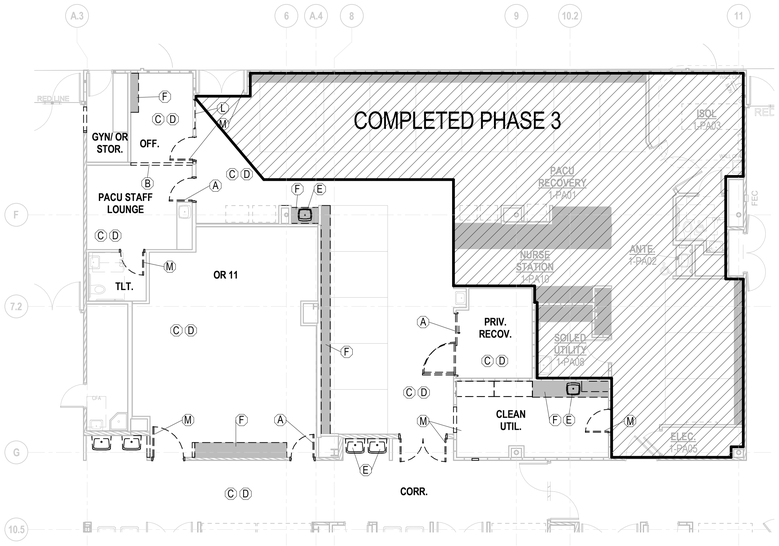
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Sheet Number

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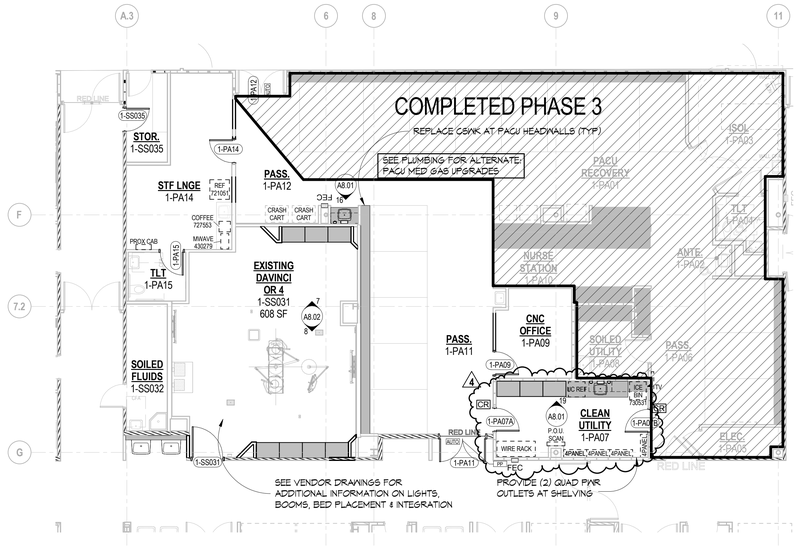
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DEMOLITION PLAN - PHASE VII-A

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

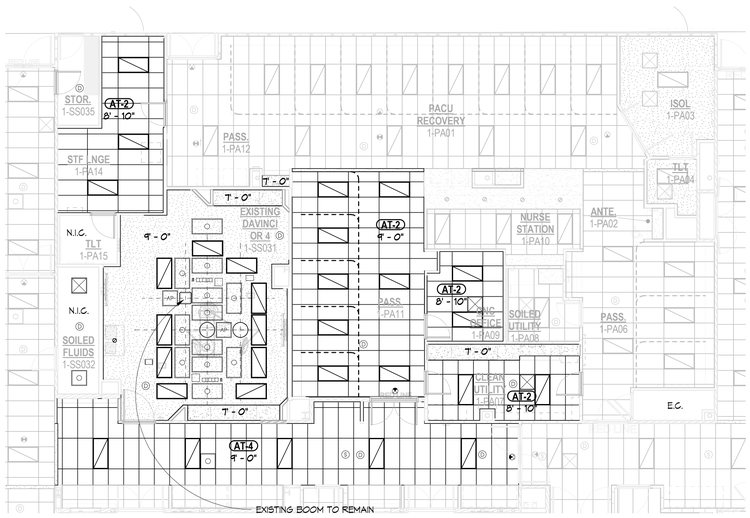
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE VII

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

SEE A1.00N FOR GENERAL NOTES & WALL LEGEND



RCP - PHASE VII-A

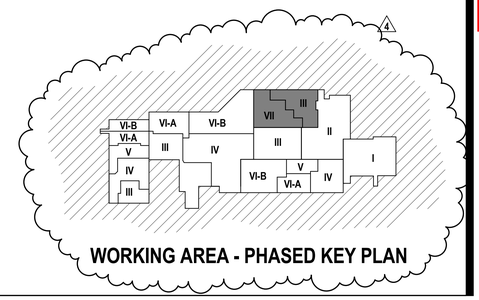
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SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

PHASING UPDATED 4



WORKING AREA - PHASED KEY PLAN

Earl Swensson Associates, Inc.

richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 2	03/04/15
Revision 3	05/12/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

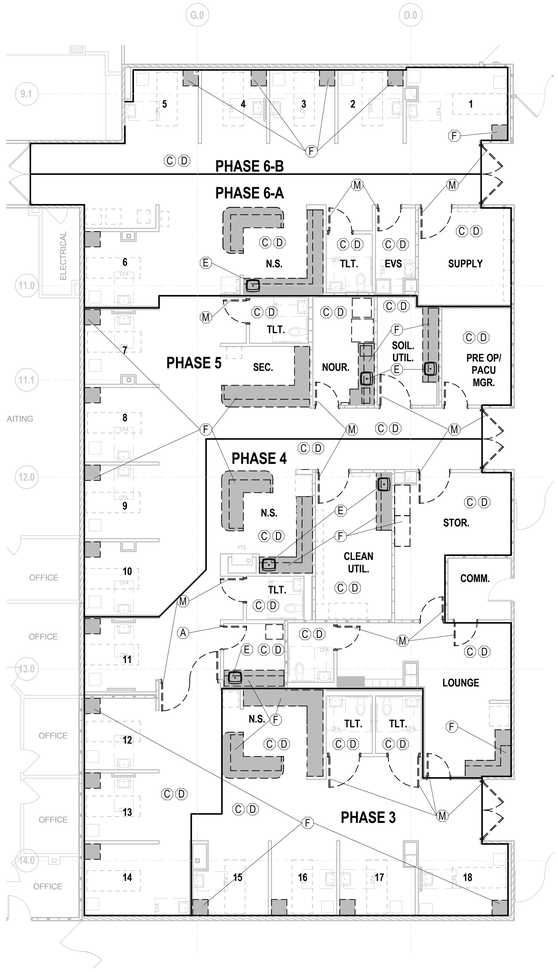
Drawing Title

PHASE VII - PACU & OR

Sheet Number

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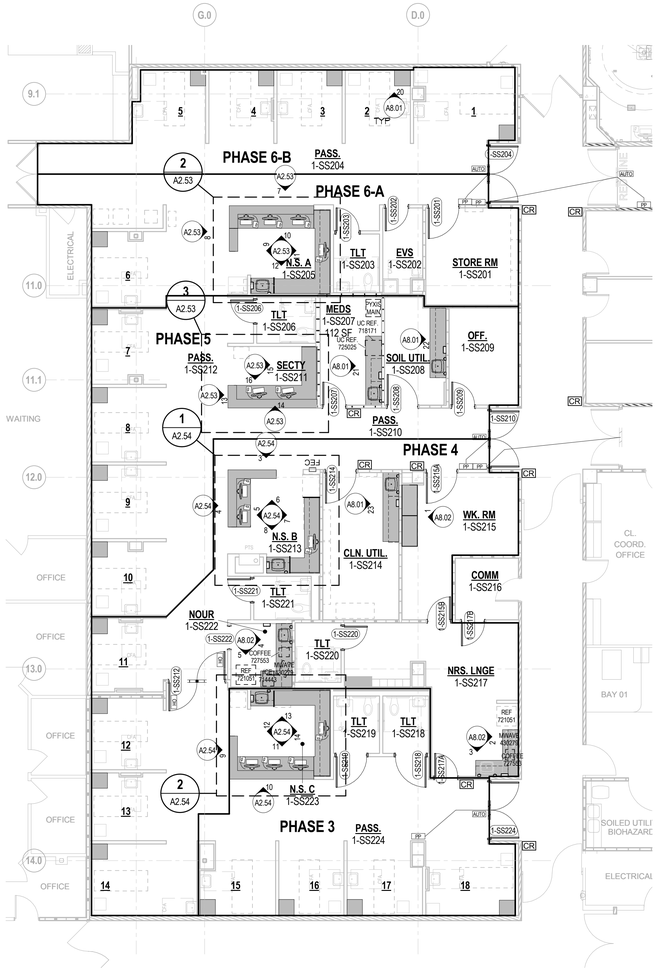
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DEMOLITION PLAN - PHASE 3, 4, 5, 6A & 6B

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

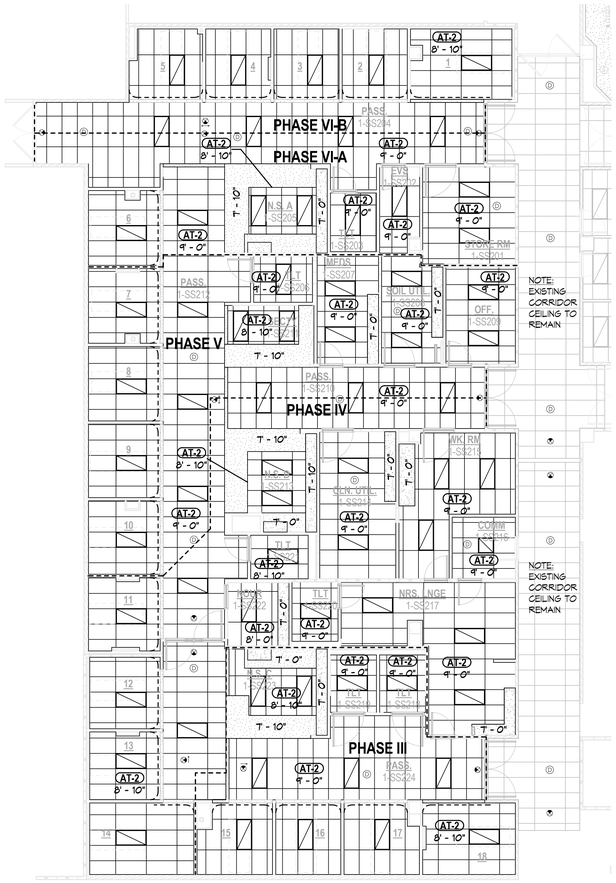
SEE A1.00N FOR DEMOLITION LEGEND, NOTES & KEY NOTES



FLOOR PLAN - PHASE 3, 4, 5, 6A & 6B

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

SEE A1.00N FOR GENERAL NOTES & WALL LEGEND



RCP - PHASE 3, 4, 5, 6A & 6B

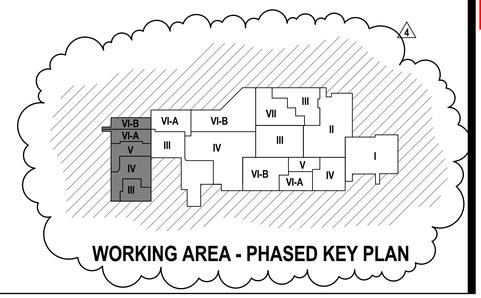
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SEE A1.00N FOR RCP NOTES, LEGEND, & TYPES

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

4 PLAN AREA HAS BEEN REPHASED



WORKING AREA - PHASED KEY PLAN

Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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STATE OF COLORADO — RICHARD L. MILLER — 28193 — LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

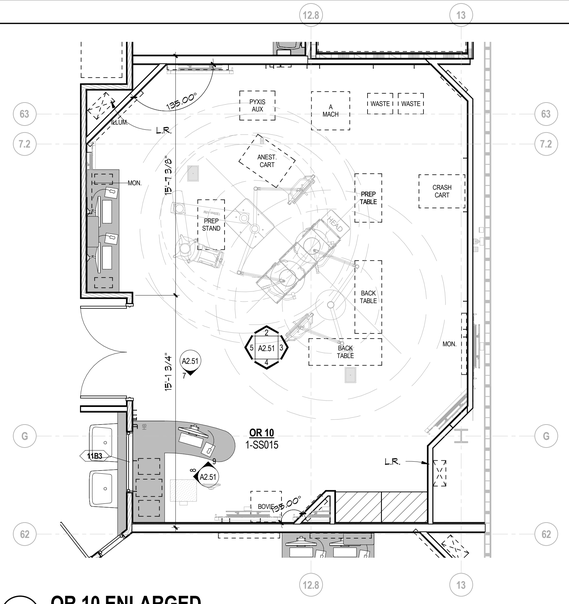
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Sheet Number

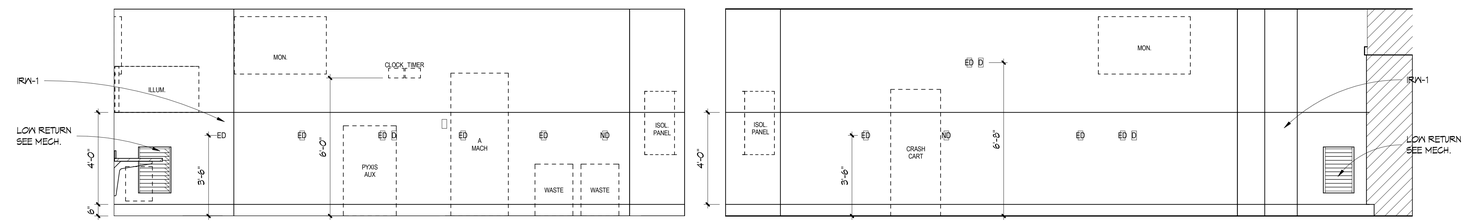
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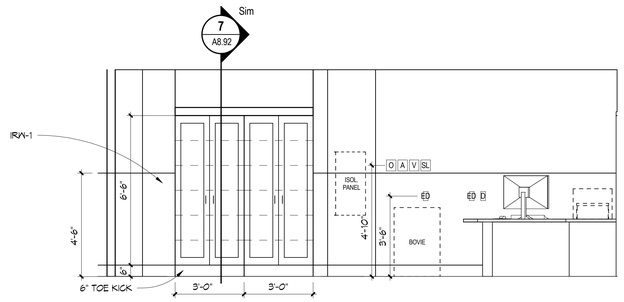


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3 OR 10 - 1-SS015 B

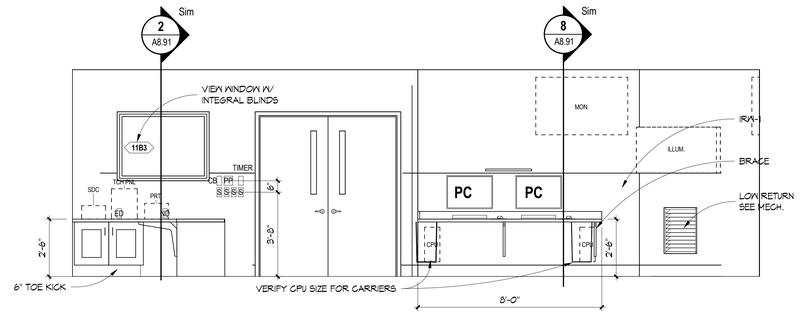
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SS-1 / N/A
PL-1
N/A
SEE SPEC

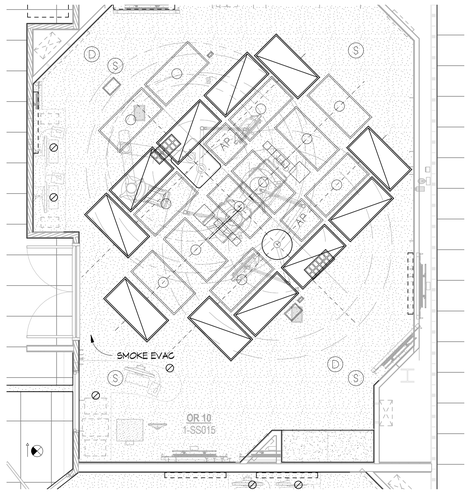


5 OR 10 - 1-SS015 D

SCALE: 3/8" = 1'-0"

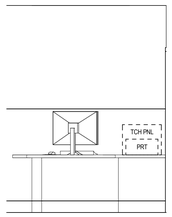
N/A
SS-1 / N/A
PL-1
N/A
SEE SPEC

WALL COMPONENT LEGEND
A - Air
CB - Code Blue
D - Voice/Data
ED - Emergency Duplex Power
EQ - Emergency Quad Power
L - Laser
NC - Patient Station (Nurse Call)
ND - Normal Duplex Power
NQ - Normal Quad Power
O2 - Oxygen
PP - Push Plate
SL - Slide
TIMER - Interval Timer
V - Vacuum



6 OR 10 - ENLARGED RCP

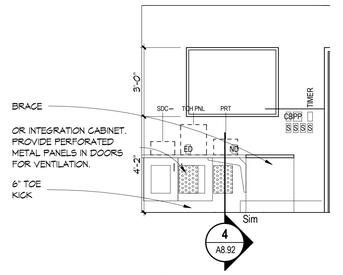
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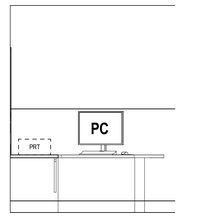
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N/A
SS-1 / N/A
PL-1
N/A
SEE SPEC



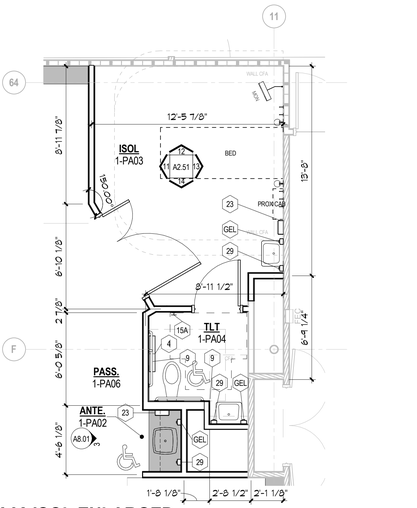
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SCALE: 3/8" = 1'-0"



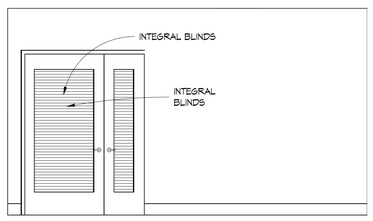
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SCALE: 3/8" = 1'-0"



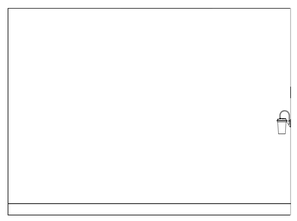
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SCALE: 1/4" = 1'-0"



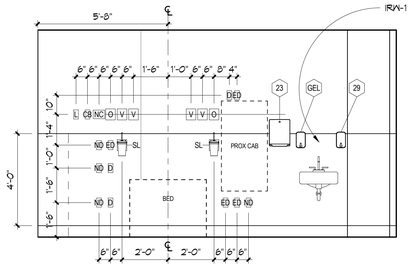
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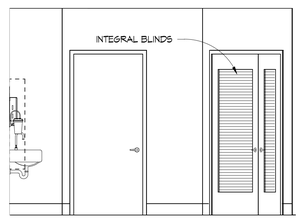
12 .

SCALE: 3/8" = 1'-0"



13 .

SCALE: 3/8" = 1'-0"



14 .

SCALE: 3/8" = 1'-0"

RSN: 1099872
Permit #: 2016-1083264 LT

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: Craig Macy
Date: Apr 15, 2016
2009 INTERNATIONAL CODES & 2014 NEC

Earl Swensson Associates, Inc.

richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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STATE OF COLORADO
RICHARD L. MILLER
37120
3-15-16
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: REV. TO RSN 966198
Permit #: 2015-916743 LT

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 3	05/12/15
Revision 4	03/16/16

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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: WZW	Checked By: CP

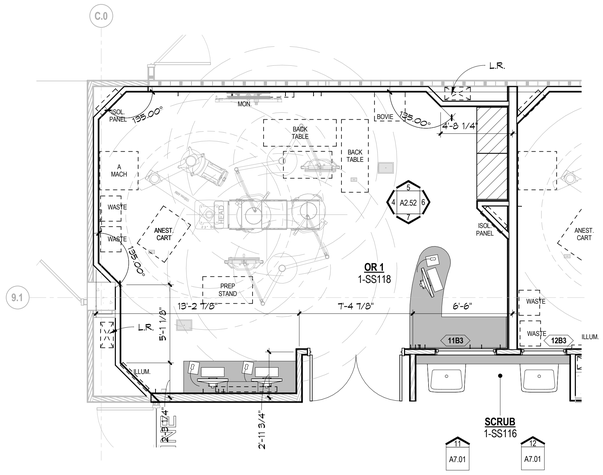
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ENLARGED PLANS / INTERIOR ELEVATIONS & DETAILS

Sheet Number

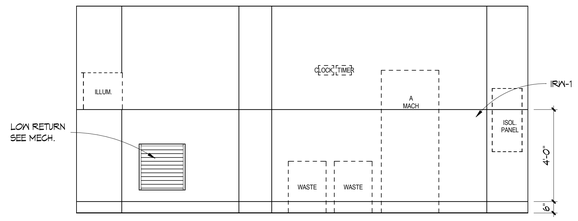
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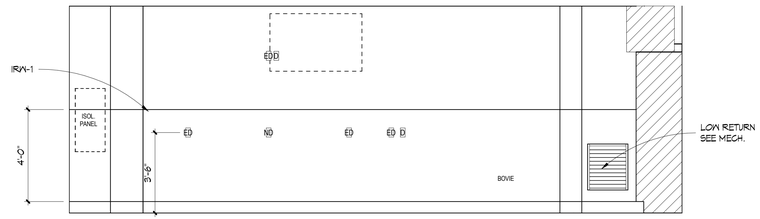
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SCALE: 1/4" = 1'-0"



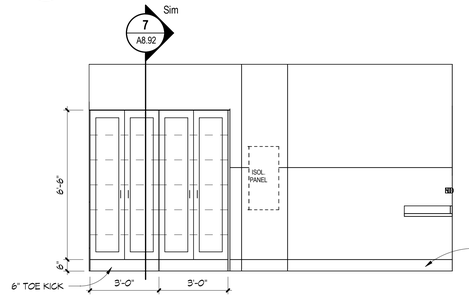
4 OR 1 ELEVATION

SCALE: 3/8" = 1'-0"



5

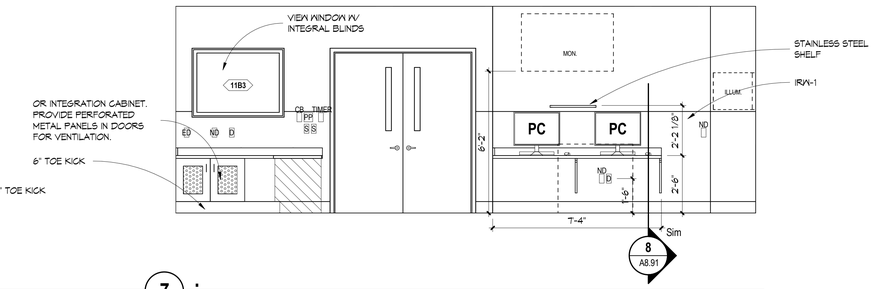
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6

SCALE: 3/8" = 1'-0"

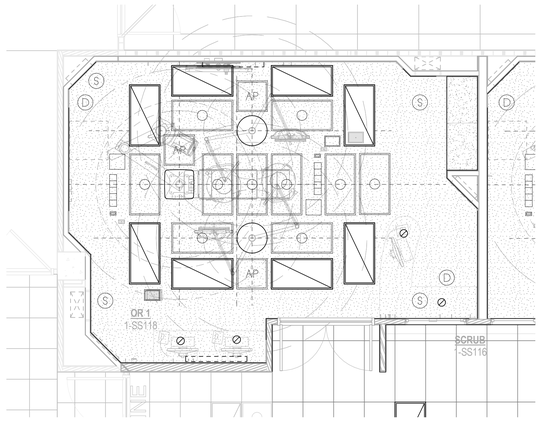
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SS-1 / N/A
PL-1
N/A
SEE SPEC



7

SCALE: 3/8" = 1'-0"

N/A
SS-1 / N/A
PL-1
N/A
SEE SPEC



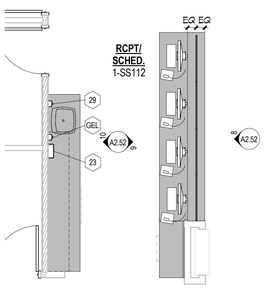
2 OR 1 - ENLARGED RCP

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

WALL COMPONENT LEGEND
A - Air
CB - Code Blue
D - Voice/Data
ED - Emergency Duplex Power
EQ - Emergency Quad Power
L - Laser
NC - Patient Station (Nurse Call)
ND - Normal Duplex Power
NQ - Normal Quad Power
O2 - Oxygen
PP - Push Plate
SL - Slide
TIMER - Interval Timer
V - Vacuum

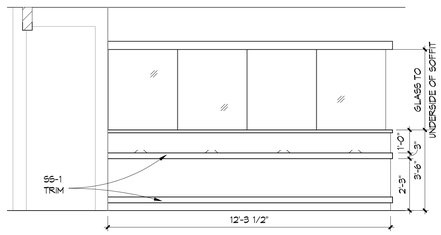
RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC



3 1-SS112 RCPT/SCHED. ENLARGED

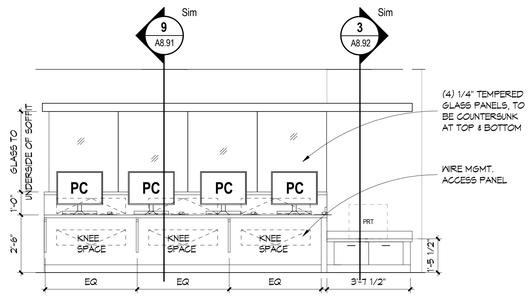
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SS-1
SS-1 / N/A
PL-1
N/A
SEE SPEC

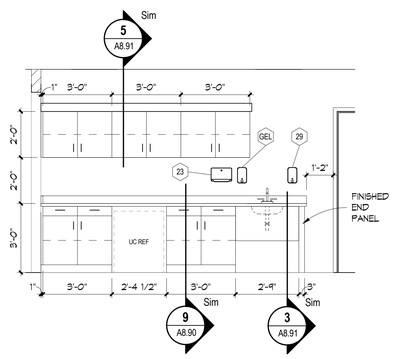
8 RCPT/SCHED. 1-SS112 A

SCALE: 3/8" = 1'-0"



9 RCPT/SCHED. 1-SS112 B

SCALE: 3/8" = 1'-0"



10 RCPT/SCHED. 1-SS112 C

SCALE: 3/8" = 1'-0"

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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STATE OF COLORADO
RICHARD L. MILLER
Architect
207003
3-15-16
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 3	05/12/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

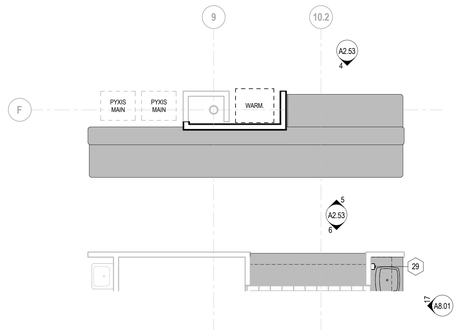
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ENLARGED PLANS / INTERIOR ELEVATIONS & DETAILS

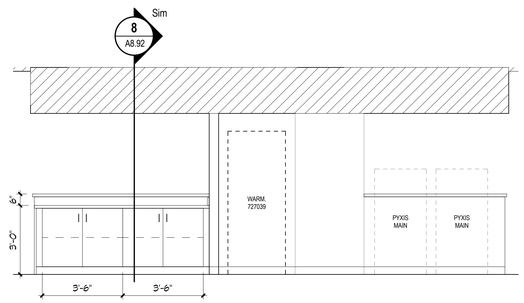
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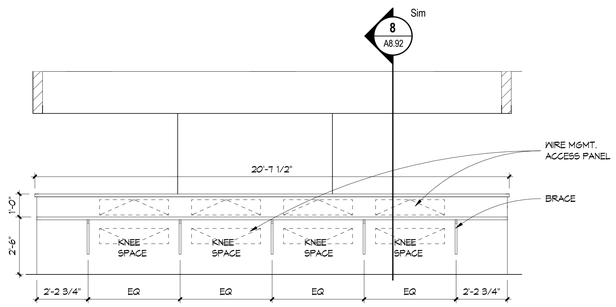
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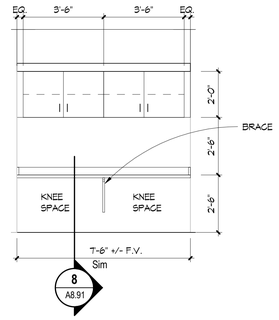
1 1-PA10 NURSE STATION
SCALE: 1/4" = 1'-0"



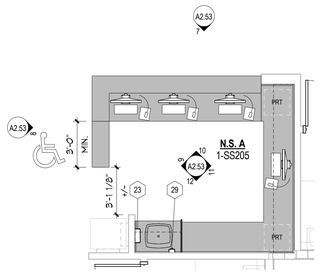
4 1-PA10 NURSE STATION A
SCALE: 3/8" = 1'-0"



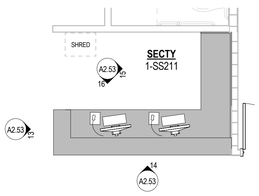
5 .
SCALE: 3/8" = 1'-0"



6 .
SCALE: 3/8" = 1'-0"

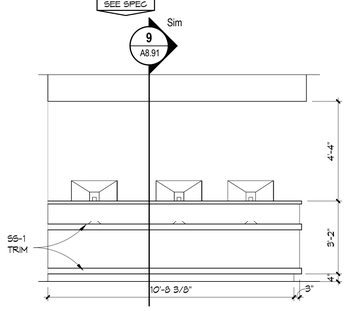


2 1-SS223 N.S. A ENLARGED
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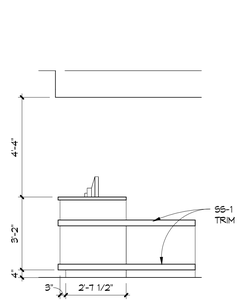


3 1-SS211 SECTY ENLARGED
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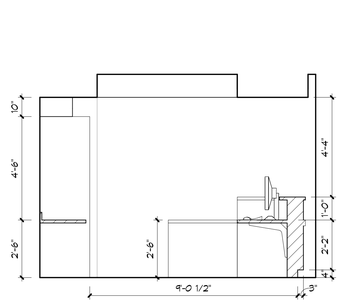
SS-1
SS-1 / N/A
PL-1
N/A
SEE SPEC



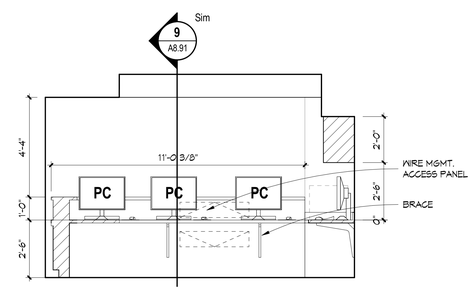
7 NURSE STATION A
SCALE: 3/8" = 1'-0"



8 .
SCALE: 3/8" = 1'-0"

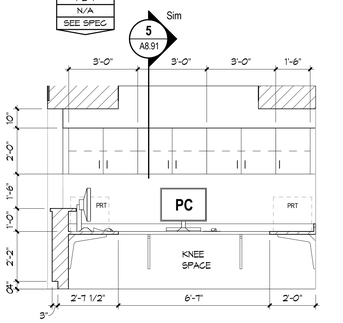


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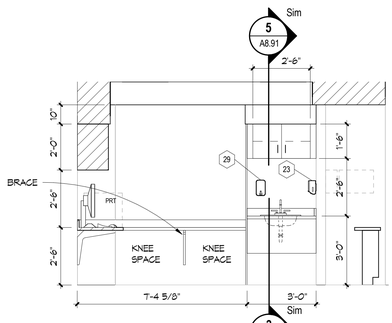


10 .
SCALE: 3/8" = 1'-0"

SS-1
SS-1 / N/A
PL-1
N/A
SEE SPEC



11 .
SCALE: 3/8" = 1'-0"



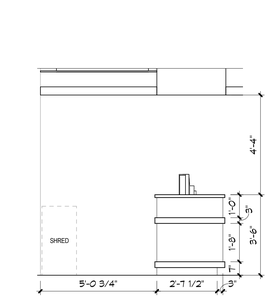
12 .
SCALE: 3/8" = 1'-0"

WALL COMPONENT LEGEND
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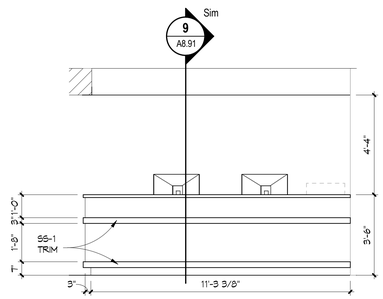
RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
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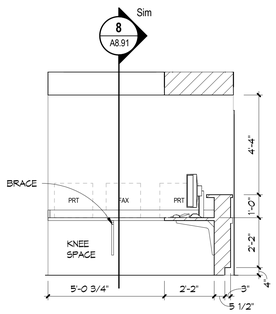
SS-1
SS-1 / N/A
PL-1
N/A
SEE SPEC



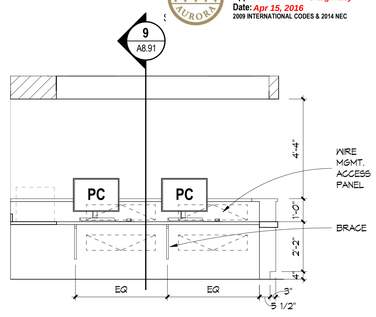
13 SECRETARY STATION
SCALE: 3/8" = 1'-0"



14 .
SCALE: 3/8" = 1'-0"



15 .
SCALE: 3/8" = 1'-0"



16 .
SCALE: 3/8" = 1'-0"

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
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Suite 800
Nashville Tennessee 37203
615-329-9445

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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

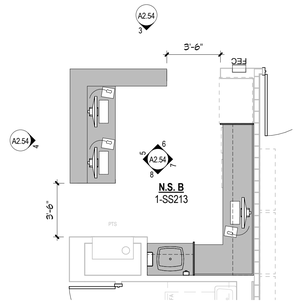
Drawing Title

ENLARGED PLANS / INTERIOR ELEVATIONS & DETAILS

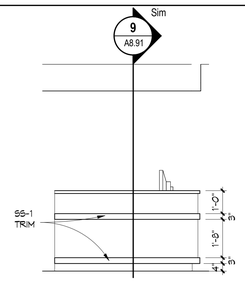
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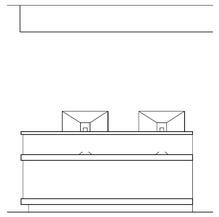
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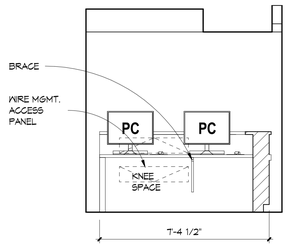
1 1-SS213 N.S. B ENLARGED
SCALE: 1/4" = 1'-0"



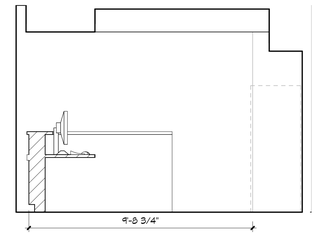
3 NURSE STATION B
SCALE: 3/8" = 1'-0"



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



5 .
SCALE: 3/8" = 1'-0"

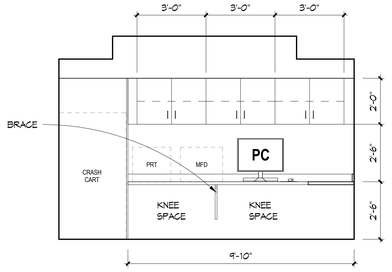


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SCALE: 3/8" = 1'-0"

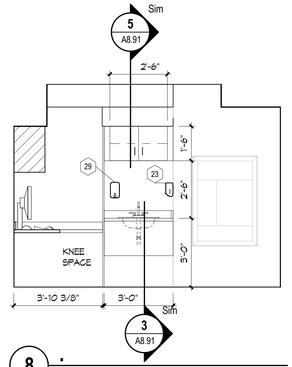
WALL COMPONENT LEGEND
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4

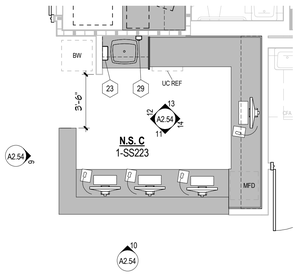
SS-1
SS-1 / N/A
PL-1
N/A
SEE SPEC



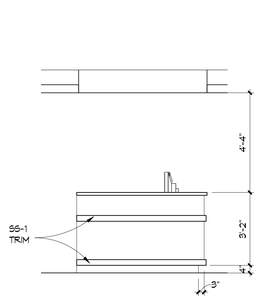
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SCALE: 3/8" = 1'-0"



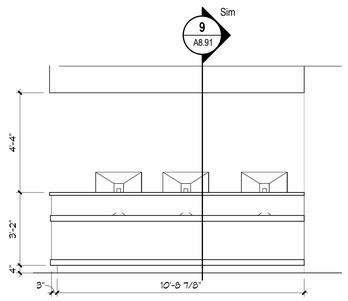
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SCALE: 3/8" = 1'-0"



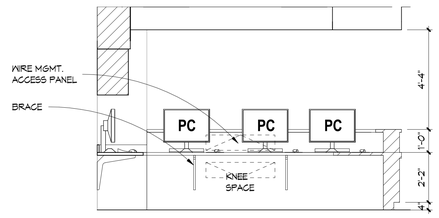
2 1-SS223 N.S. C ENLARGED
SCALE: 1/4" = 1'-0"



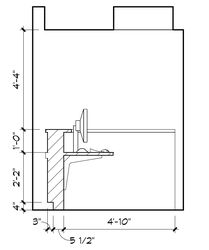
9 NURSE STATION C
SCALE: 3/8" = 1'-0"



10 .
SCALE: 3/8" = 1'-0"

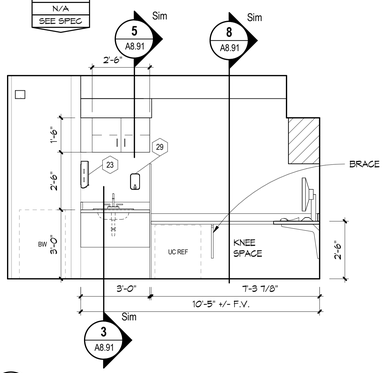


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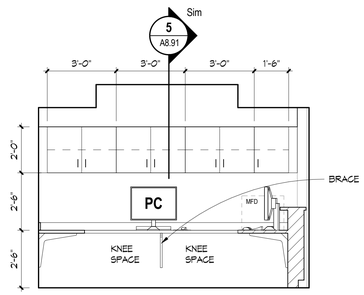


12 .
SCALE: 3/8" = 1'-0"

SS-1
SS-1 / N/A
PL-1
N/A
SEE SPEC



13 .
SCALE: 3/8" = 1'-0"



14 .
SCALE: 3/8" = 1'-0"

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
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Approved as Noted: *Craig Macy*
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Seals

STATE OF COLORADO
RICHARD L. MILLER
ARCHITECT
201809
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

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RSN: *REV. TO RSN 966198*
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Issue Date	2014-12-30
Project No	14077.00
Drawn By	WZW
Checked By	CP

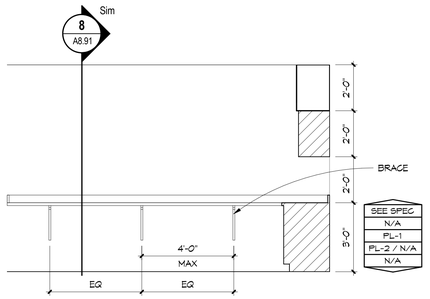
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ENLARGED PLANS / INTERIOR ELEVATIONS & DETAILS

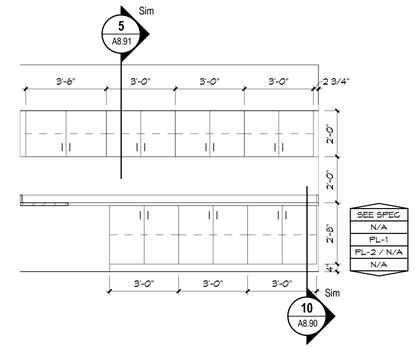
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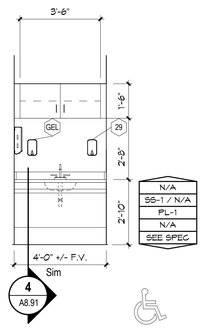
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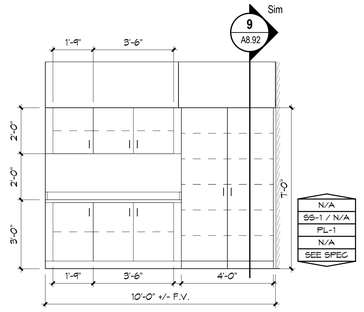
1 SURGERY VENDOR 1-SS009 A



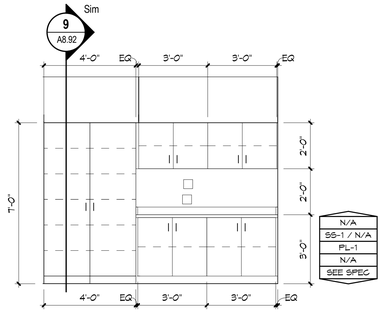
2 SURGERY VENDOR 1-SS009 B



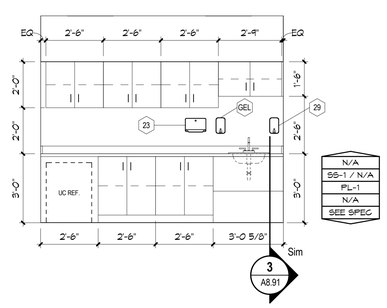
3 1-PA02 ANTE



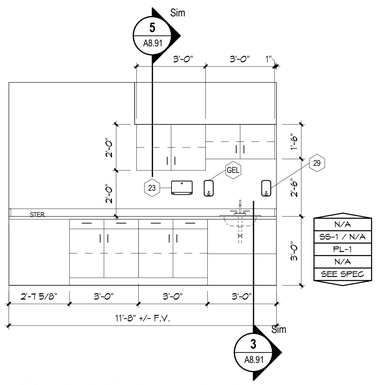
4 PUMP 1-SS018



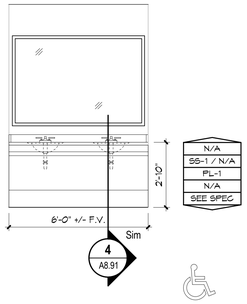
5 PUMP 1-SS025



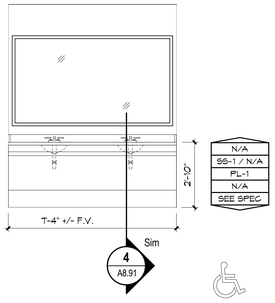
6 SUB STERILE 1-SS027



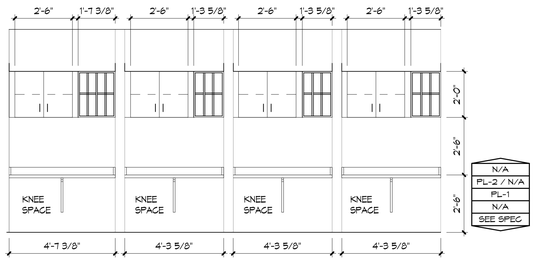
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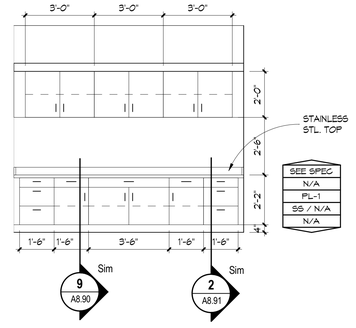
8 1-SS106 BATH VANITY



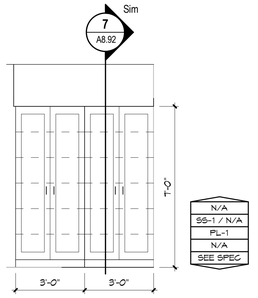
9 1-SS107 BATH VANITY



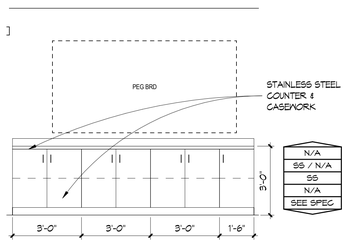
10 1-SS110 DICTATION



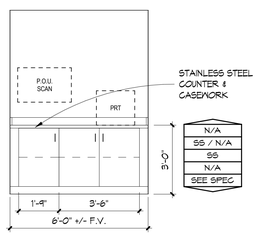
11 SURGERY VENDOR 1-CS01



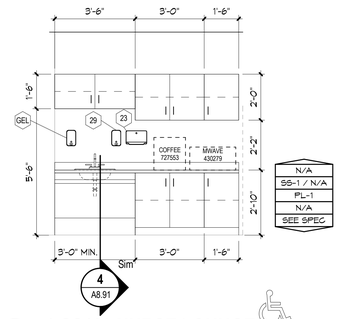
12 1-CS05 CLEAN STORAGE



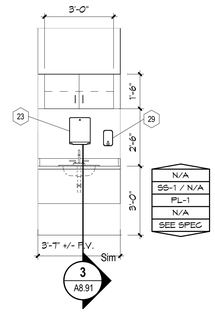
13 1-CS07 MAKE UP A



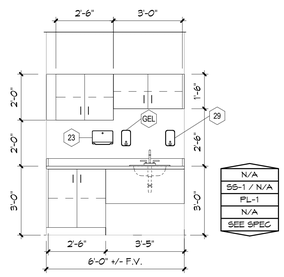
14 1-CS11 CASE CARTS



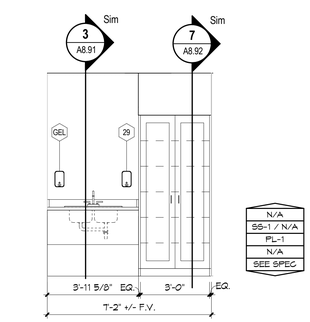
15 1-SS139 NURSE LOUNGE



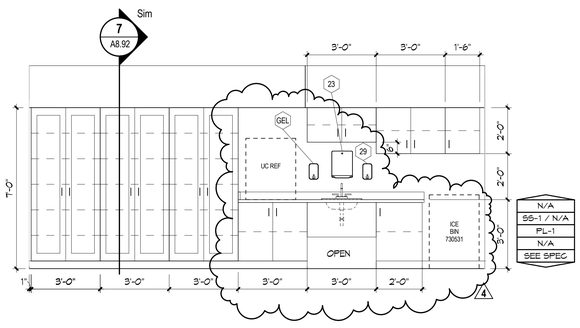
16 1-PA12 PASS



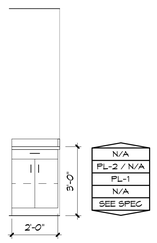
17 1-PA06 PASS



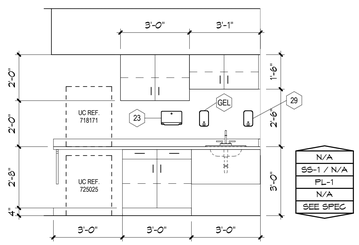
18 1-PA08 SOILED UTILITY



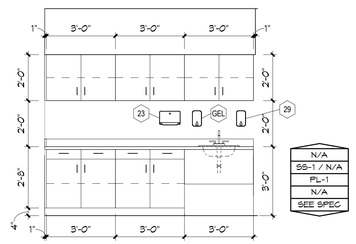
19 1-PA07 CLEAN UTILITY



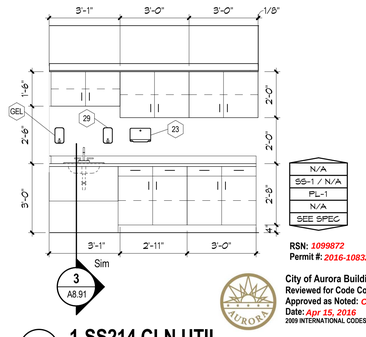
20 PT. STATION STOR (TYP)



21 1-SS207 MEDS



22 1-SS208 SOIL UTIL.



23 1-SS214 CLN UTIL.

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

ESa
Earl Swensson Associates, Inc.
richard l. miller, architect
1033 Demonbreun Street
Suite 800
Nashville Tennessee 37203
615-329-9445

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Seals

STATE OF COLORADO
RICHARD L. MILLER
37128
3-15-16
LICENSED ARCHITECT

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By WZW	Checked By CP

Drawing Title

CASEWORK ELEVATIONS

Sheet Number

A8.01

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VARIABLE/CONSTANT VOLUME TERMINAL BOX SCHEDULE

TAG	1-1	1-2	1-3	VV-1-4S	VV-1-4R	1-5	VV-1-6S	VV-1-6R	1-7	1-8	1-9	1-10	1-11	VV-1-12S	VV-1-12R	1-13	VV-1-14S	VV-1-14R	VV-1-15S	1-16	1-17	1-18	1-19	1-20	1-21	1-22
CFM	200	500	600			500			600	500	400	350	650			350				2,000	1,000	400	1,900	400	1,950	500
MIN. SUPPLY CFM	120	500	360			300			360	300	240	210	390			210				2,000	1,000	240	1,900	240	1,170	300
MAX. TERMINAL A.P.D. (IN WG)	0.5	0.5	0.5			0.5			0.5	0.5	0.5	0.5	0.5			0.5				0.5	0.5	0.5	0.5	0.5	0.5	0.5
MAX SOUND POWER LEVEL (NC)	28	28	28			28			30	35	28	28	28			30				30	30	30	30	30	30	30
DUCT RUN-OUT (IN.)	6	10	10			10			10	10	8	8	10			8				18x12	12	8	18x12	8	18x12	10
REHEAT COIL																										
BTU/HR	4,000	16,500	11,750			10,000			11,750	10,000	8,000		12,750							65,250	32,750	8,000	62,000	8,000	38,250	
ENT WTR TEMP (°F)	150	150	150			150			150	150	150		150							150	150	150	150	150	150	
GPM	0.5	1.3	0.9			0.8			0.9	0.8	0.6		1.0							5.2	2.6	0.6	5.0	0.6	3.1	
ROWS	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW			MIN. 2-ROW			MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW		MIN. 2-ROW							MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	
MAX. WTR PD FT	0.62	2.33	1.40			0.53			0.30	0.09	0.09		2.33							0.30	0.06	0.09	0.09	0.09	0.09	
EAT DB (°F)	55	55	55			55			55	55	55		55							55	55	55	55	55	55	
LAT DB (°F)	85	85	85			85			85	85	85		85							85	85	85	85	85	85	
PIPING RUN-OUT SIZE	1/2	1/2	1/2			1/2			1/2	1/2	1/2		1/2							1 1/4	3/4	1/2	1 1/4	1/2	3/4	
REMARKS (TYP. ALL):																										

SEE CONSTANT VOLUME VENTURI VALVE SCHEDULE

NO REHEAT COIL REQUIRED

1. ALL BOXES TO BE PRESSURE INDEPENDENT
2. DUCT RUN-OUT SIZE DOES NOT MEAN INLET BOX SIZE. A TRANSISTION MAY BE REQUIRED
3. TERMINALS BASED ON JCI MODEL VRU VAV BOX.
4. MAX SOUND POWER LEVEL (N.C.) INDICATED ABOVE IS THE MAXIMUM DISCHARGE AND/OR RADIATED N.C. LEVEL ALLOWED FOR EACH PRESPECTIVE BOX BASED ON 1.5" INLET S.P. WITHOUT A SOUND ATTENUATOR. VAV UNIT DISCHARGE SOUND PERFORMANCE SHALL BE BASED UPON THE ATTENUATION LOSSES PROVIDED IN THE VARIABLE/CONSTANT VOLUME TERMINAL BOX SOUND POWER LEVEL CRITERIA SCHEDULE LOCATED ON SHEET M0.05 AND NOT ARI 880.
5. BOXES THAT DO NOT MEET SPECIFIED SOUND CRITERA SHALL BE PROVIDED WITH DISCHARGE SOUND ATTENUATOR PER SPECIFICATION SECTION 233610.
6. BOXES SHALL HAVE CAPACITY FOR 20DEG L.A.T. RISE WITH 130 DEGF ENTERING WATER TEMPERATURE TO ALLOW WARM UP CAPACITY YEAR ROUND.

VARIABLE/CONSTANT VOLUME TERMINAL BOX SCHEDULE

TAG	1-23	1-24	1-25	1-26	1-27	1-28	1-29	*VV-1-30S	*1-31	*1-32	*1-33	*1-34	*1-35
CFM	500	250	350	1,000	400	1,000	400		1,000	2,875	1,250	2,300	550
MIN. SUPPLY CFM	300	150	210	600	240	600	240		1,000	2,875	1,250	2,300	550
MAX. TERMINAL A.P.D. (IN WG)	0.5	0.5	0.5	0.5	0.5	0.5	0.5		0.5	0.5	0.5	0.5	0.5
MAX SOUND POWER LEVEL (NC)	28	28	28	30	35	28	30		30	30	30	30	30
DUCT RUN-OUT (IN.)	10	8	8	12	8	12	8		12	18x14	15x12	18x12	10
REHEAT COIL													
BTU/HR		5,000		19,750	8,000	19,750	8,000		32,750	93,750	40,750	75,000	18,000
ENT WTR TEMP (°F)		150		150	150	150	150		150	150	150	150	150
GPM		0.5		1.6	0.6	1.6	0.6		2.6	7.5	3.3	6.0	1.4
ROWS	NO REHEAT COIL REQUIRED	MIN. 2-ROW	NO REHEAT COIL REQUIRED	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	SEE CONSTANT VOLUME VENTURI VALVE SCHEDULE	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW
MAX. WTR PD FT		5		5	5	5	5		5	5	5	5	5
EAT DB (°F)		55		55	55	55	55		55	55	55	55	55
LAT DB (°F)		85		85	85	85	85		85	85	85	85	85
PIPING RUN-OUT SIZE		1/2		1/2	1/2	1/2	1/2		3/4	1 1/2	3/4	1 1/4	1/2
REMARKS (TYP. ALL):													

1. ALL BOXES TO BE PRESSURE INDEPENDENT
2. DUCT RUN-OUT SIZE DOES NOT MEAN INLET BOX SIZE. A TRANSISTION MAY BE REQUIRED
3. TERMINALS BASED ON JCI MODEL VRU VAV BOX.
4. MAX SOUND POWER LEVEL (N.C.) INDICATED ABOVE IS THE MAXIMUM DISCHARGE AND/OR RADIATED N.C. LEVEL ALLOWED FOR EACH PRESPECTIVE BOX BASED ON 1.5" INLET S.P. WITHOUT A SOUND ATTENUATOR. VAV UNIT DISCHARGE SOUND PERFORMANCE SHALL BE BASED UPON THE ATTENUATION LOSSES PROVIDED IN THE VARIABLE/CONSTANT VOLUME TERMINAL BOX SOUND POWER LEVEL CRITERIA SCHEDULE LOCATED ON SHEET M0.05 AND NOT ARI 880.
5. BOXES THAT DO NOT MEET SPECIFIED SOUND CRITERA SHALL BE PROVIDED WITH DISCHARGE SOUND ATTENUATOR PER SPECIFICATION SECTION 233610.
6. BOXES SHALL HAVE CAPACITY FOR 20DEG L.A.T. RISE WITH 130 DEGF ENTERING WATER TEMPERATURE TO ALLOW WARM UP CAPACITY YEAR ROUND.
*= DENOTES TERMPORARY BOX USED FOR PHASING

VARIABLE/CONSTANT VOLUME TERMINAL BOX SCHEDULE

TAG	VV-2-1S	VV-2-1R	2-2	2-3	2-4	VV-2-5S	VV-2-5R	2-6	2-7	VV-2-8S	VV-2-8R	VV-2-9S	VV-2-9R	2-10	2-11	2-12	VV-2-13S	VV-2-13R	2-14	VV-2-15S	VV-2-15R	VV-2-16	VV-2-17S	VV-2-17R	2-18	2-19
CFM			650	700	1,000			200	800					600	200	400			300			600			500	300
MIN. SUPPLY CFM			390	420	600			120	480					360	120	240			300			360			300	180
MAX. TERMINAL A.P.D. (IN WG)			0.5	0.5	0.5			0.5	0.5					0.5	0.5	0.5			0.5			0.5			0.5	0.5
MAX SOUND POWER LEVEL (NC)			28	28	28			30	30					30	30	30			30			30			30	30
DUCT RUN-OUT (IN.)			10	10	12			6	12					10	6	8			8			10			10	8
REHEAT COIL																										
BTU/HR			12,750	13,750	19,750			4,000	15,750					11,750	4,000	8,000			10,000			11,750				6,000
ENT WTR TEMP (°F)			150	150	150			150	150					150	150	150			150			150				150
GPM			1.0	1.1	1.6			0.5	1.3					0.9	0.5	0.6			0.8			0.9				0.5
ROWS			MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW			MIN. 2-ROW	MIN. 2-ROW					MIN. 2-ROW	MIN. 2-ROW	MIN. 2-ROW			MIN. 2-ROW			MIN. 2-ROW				MIN. 2-ROW
MAX. WTR PD FT			1.40	1.40	1.40			0.30	0.30					0.53	0.30	0.53			0.30			0.53				0.53
EAT DB (°F)			55	55	55			55	55					55	55	55			55			55				55
LAT DB (°F)			85	85	85			85	85					85	85	85			85			85				85
PIPING RUN-OUT SIZE			1/2	1/2	1/2			1/2	1/2					1/2	1/2	1/2			1/2			1/2				1/2
REMARKS (TYP. ALL):																										

SEE CONSTANT VOLUME VENTURI VALVE SCHEDULE

NO REHEAT COIL REQUIRED

1. ALL BOXES TO BE PRESSURE INDEPENDENT
2. DUCT RUN-OUT SIZE DOES NOT MEAN INLET BOX SIZE. A TRANSISTION MAY BE REQUIRED
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VARIABLE/CONSTANT VOLUME TERMINAL BOX SCHEDULE

TAG	2-20	2-21	2-22	*2-23
CFM	1,040	1,560	1,000	1,500
MIN. SUPPLY CFM	624	936	600	1,500
MAX. TERMINAL A.P.D. (IN WG)	0.5	0.5	0.5	0.5
MAX SOUND POWER LEVEL (NC)	30	30	30	30
DUCT RUN-OUT (IN.)	12	15x12	12	15x12
REHEAT COIL				
BTU/HR	20,500	30,500		49,000
ENT WTR TEMP (°F)	150	150		150
GPM	1.6	2.4		3.9
ROWS	MIN. 2-ROW	MIN. 2-ROW	NO REHEAT COIL REQUIRED	MIN. 2-ROW
MAX. WTR PD FT	0.53	0.53		0.53
EAT DB (°F)	55	55		55
LAT DB (°F)	85	85		85
PIPING RUN-OUT SIZE	1/2	3/4		3/4
REMARKS (TYP. ALL):				

1. ALL BOXES TO BE PRESSURE INDEPENDENT
2. DUCT RUN-OUT SIZE DOES NOT MEAN INLET BOX SIZE. A TRANSISTION MAY BE REQUIRED
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*= DENOTES TERMPORARY BOX USED FOR PHASING

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

RSN: *1099872*
Permit #: *2016-1083264 LT*

ICT
I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140389

Seals



THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 2	02/20/15
Revision 4	03-16-16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By	Author
Checked By	Checker

Drawing Title

HVAC SCHEDULES

Sheet Number

M0.02

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FAN SCHEDULE

FAN NUMBER	IEF--1	EF-2	IEF-3	EF-4	IEF-5	EF-6	EF-7
SERVICE	ISO. ROOM	GEN EXH	C.S.S. EXH	GEN EXH	CART WASH EXH	GEN EXH	CO2 STORAGE
TYPE	BVS	UPBLAST	BVS	UPBLAST	BVS	DOWNBLAST	UPBLAST
CFM	600	955	6,300	1415	1000	1325	250
SP-IN H2O	1.0	1.5	1.5	1.5	1.0	1.5	1.0
MAX FAN RPM	1800	2200	1800	2200	1800	2200	2200
MAX OUTLET VEL/TS	1500/3200	2500/7150	2700/4000	2500/6000	2500/4000	2500/6000	2500/6000
MODEL	SFB	CUBE-161-XP-7	SFB	CUBE-161XP-10	SFB	G-133-VG	G-097-VG
MIN MOTOR HP	1/2	3/4	5.0	1.0	1/2	3/4	1/2
ELECTRICAL	115/1/60	460/3/60	460/3/60	460/3/60	115/1/60	115/1/60	115/1/60
INLET SCREEN							
OUTLET SCREEN	BIRDSCREEN	BIRDSCREEN	BIRDSCREEN	BIRDSCREEN	BIRDSCREEN	BIRDSCREEN	BIRDSCREEN
INLET DAMPER-TYPE							
OUTLET DAMPER-TYPE	BACKDRAFT	BACKDRAFT	BACKDRAFT	BACKDRAFT	BACKDRAFT	BACKDRAFT	BACKDRAFT
OTHER							
POWER TYPE	EMERGENCY	EMERGENCY	EMERGENCY	EMERGENCY	EMERGENCY	EMERGENCY	EMERGENCY
MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK

REMARKS:

1. ALL FANS AND MOTORS ARE TO BE PROVIDED THAT OPERATE AT NO GREATER THAN 80% OF THEIR MAX CAPACITY AT THE OPERATING POINTS SCHEDULED ABOVE.
2. PROVIDE WEATHER PROOF MOTOR, DISCONNECT SWITCH AND HOUSING ON ALL ROOF MOUNTED FANS. ALL BELTED VENT SETS INSTALLED INSIDE A SCREENWALL SHALL BE PROVIDED WITH A DISCHARGE CONE TO EXTEND FAN DISCHARGE TO SAME ELEVATION AS TOP OF THE SCREENWALL.
3. PROVIDE DISCHARGE CONE ON ALL ISOLATION EXHAUST FANS TO DISCHARGE AIR AT 10'-0" ABOVE FINISHED ROOF.

VARIABLE/CONSTANT VOLUME TERMINAL BOX SOUND POWER LEVEL CRITERIA

SCHEDULED NC	32		32		32		30		30		30		28		28		28		25		25		25	
BOX AIRFLOW RANGE	0-300		301-700		>700		0-300		301-700		>700		0-300		301-700		>700		0-300		301-700		>700	
MAX SOUND PWL (DB)	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.
125 HZ	71	67	74	67	77	66	70	66	73	66	76	65	68	64	71	64	74	63	66	62	69	62	72	61
250 HZ	65	62	68	62	71	61	63	60	66	60	69	59	61	58	64	58	67	57	59	56	62	56	65	55
500 HZ	66	57	69	57	72	58	65	56	68	56	71	55	63	54	66	54	69	53	60	51	63	51	66	50
1000 HZ	65	59	68	59	71	57	63	57	66	57	69	55	62	56	65	56	68	55	59	53	62	53	65	52
2000 HZ	67	62	70	62	73	61	64	59	67	59	70	58	63	58	66	58	69	58	60	55	63	55	66	54
4000 HZ	58	66	61	66	64	65	56	64	59	64	62	63	54	62	57	62	60	61	50	58	53	58	56	57
MAX ATTENUATION (DB)	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.	DISCH.	RAD.
125 HZ	22	18	25	18	28	18	22	18	25	18	28	18	22	18	25	18	28	18	22	18	25	18	28	18
250 HZ	22	19	25	19	28	19	22	19	25	19	28	19	22	19	25	19	28	19	22	19	25	19	28	19
500 HZ	29	20	32	20	35	20	29	20	32	20	35	20	29	20	32	20	35	20	29	20	32	20	35	20
1000 HZ	32	26	35	26	38	26	32	26	35	26	38	26	32	26	35	26	38	26	32	26	35	26	38	26
2000 HZ	36	31	39	31	42	31	36	31	39	31	42	31	36	31	39	31	42	31	36	31	39	31	42	31
4000 HZ	28	36	31	36	34	36	28	36	31	36	34	36	28	36	31	36	44	36	28	36	31	36	44	36

NOTES:

1. MAX SOUND PWL (DB) IS THE MAXIMUM UN-ADJUSTED DISCHARGE/RADIATED SOUND LEVEL TO BE PROVIDED BY BOX MANUFACTURER BASED ON INLET STATIC PRESSURE (1.5" UNLESS OTHERWISE NOTED).
2. MAX DISCH. ATTENUATION IS THE MAXIMUM INSERTION LOSS PER OCTAVE BAND FOR USE BY BOX MANUFACTUER TO DETERMINE CALCULATED DISCHARGE NC LEVEL. LOSSES INCLUDE ROOM EFFECTS AND 5' FLEXIBLE DUCT BUT DOES NOT INCLUDE LINER.
3. MAX RAD. ATTENUATION IS THE MAXIMUM INSERTION LOSS PER OCTAVE BAND FOR USE BY BOX MANUFACTUER TO DETERMINE CALCULATED RADIATED NC LEVEL. LOSSES INCLUDE ROOM EFFECT AND SUSPENDED MINERAL FIBER TILE CEILING.
3. A BOX DOES NOT MEET SCHEDULED SOUND CRITERIA IF MANUFACTURER'S SOUND PWL IS EXCEEDED IN ANY OCTAVE BAND.
4. BOX(ES) THAT DOES NOT MEET SCHEDULED SOUND CRITERIA SHALL BE PROVIDED WITH A DISCHARGE SOUND ATTENUATOR TO BE SELECTED IN ACCORDANCE WITH SECTION 15920. CONTRACTOR SHALL MAKE ALLOWANCES FOR ADDITIONAL CLEARANCE REQUIREMENTS WHERE ATTENUATOR IS REQUIRED.

REFRIGERANT MACHINE SCHED

DESIGNATION	ACC-1
TYPE	AIR COOLED
NOMINAL TONS	150
COND TEMP	95
LOW AMBIENT TEMP	-20
CONNECTED LOAD TONS	115
COOLER	
GPM	293
EWT	45
LWT	35
SCALE FACTOR	0.00010
MAX PD FT	15
No. OF COMPRESSORS	4
RLA	5@53
LRA	5@290
UNIT ELECTRICAL	460/3/60
MAX. FUSE	350
WIRE SIZE AMPS	319
POWER TYPE	EMERGENCY
CONDENSER	
No. OF FANS	
FLA	10

REMARKS:

1. AIR COOLED SCROLL TYPE RATED FOR 30% PROPYLENE GLYCOL.
2. PROVIDE HOT GAS BY-PASS.
3. REFER TO SPECIFICATIONS AND DETAILS FOR ACCESSORIES AND PIPING CONNECTIONS.
4. SELECTION BASED ON YORK.
5. PROVIDE MICROPROCESSOR BASED CONTROL WITH BACNET INTERFACE TO BE FULLY INTEGRATED WITH EXISTING BAS.
6. PROVIDE DUAL HIGH HEAD PUMP PACKAGE TO INCLUDE 5HP PUMPS WITH VFDS, AND 136 GALLON BUFFER TANK.
7. UNIT TO BE MOUNTED ON EQUIPMENT RAILS WITH SPRING VIBRATION ISOLATORS.
8. ALL EXPOSED PIPING TO BE HEAT TRACED.

CONDENSATE RETURN UNIT SCHEDULE

DESIGNATION	CRU-1			
SERVICE	C.S.S.			
CAPACITY EDR	8000			
GPM	8			
STEAM PRESS PSI	80			
FLUID TEMPERATURE	200			
RECEIVER SIZE GALLONS	23			
RECEIVER TYPE	CAST IRON			

REMARKS:

1. REFER TO SPECIFICATIONS FOR ACCESSORIES.

FILTER SCHEDULE

A. 60% EFFICIENT, 4" THICK CARTRIDGE MERV 11 RATED
B. 95% EFFICIENT, 12" THICK CARTRIDGE MERV 15 RATED

SYSTEM	PF-1	FF-1	PF-1	FF-1	PF-1	FF-1
UNIT DESIGNATION	RTU-1	RTU-1	RTU-2	RTU-2	RTU-3	RTU-3
TYPE	A	B	A	B	A	B
FILTER POSITION	PRE	FINAL	PRE	FINAL	PRE	FINAL
CFM	27,000	27,000	25,500	25,500	5,000	5,000
INITIAL RESISTANCE H2O	0.3	0.9	0.3	0.9	0.3	0.9
FINAL RESISTANCE H2O	0.7	1.5	0.7	1.5	0.7	1.5
MAX. FACE VELOCITY	450	450	450	450	450	450
OTHER						

REMARKS:

1. FILTERS TO MATCH UNIT CASING SIZE.
2. PROVIDE FULLY GASKETED SEALED FRONT LOADING FILTERS.
3. ALL FILTERS TO HAVE GAUGES WITH CLEAN AND DIRTY INDICATORS.

AC UNIT SCHEDULE

UNIT NO.	RTU-1	RTU-2	RTU-3
TYPE	VAV	VAV	CONSTANT
SERVICE	SURGERY	SURGERY	PACU
DESIGN SUPPLY CFM	26,650	31,175	5,000
DESIGN RETURN CFM	19,300	23,625	1,000
OA CFM MIN/MAX	7,350/26,650	7,550/31,175	1,000/5,000
PRESSURE CLASS	MEDIUM	MEDIUM	LOW
ACCESSORIES			
FILTERS	SEE SCHEDULE	SEE SCHEDULE	SEE SCHEDULE
OTHER	SEE REMARKS	SEE REMARKS	SEE REMARKS
SUPPLY FAN CFM	26,650	31,175	5,000
INTERNAL S.P.	4.64	4.71	3.79
EXTERNAL S.P.	4.0	4.0	4.0
TOTAL S.P.	8.0	8.0	7.79
MINIMUM HP	2@30	2@30	1@15
MAX FAN RPM	2400	2400	1800
ELECTRICAL	460/3	460/3	460/3
POWER TYPE	EMERGENCY	EMERGENCY	EMERGENCY
RETURN FAN CFM	19,300	23,625	5,000
TOTAL S.P.	3.5	3.5	3.89
MINIMUM HP	2@10	2@10	2@3
MAX FAN RPM	1800	1800	1800
ELECTRICAL	460/3	460/3	460/3
POWER TYPE	EMERGENCY	EMERGENCY	
COOLING COILS	COOLING	COOLING	COOLING
DEHUMIDIFIED CFM	26,650	31,175	7,000
MAX FACE VELOCITY	450	450	450
EADB	80	80	85
EAWB	67	67	67
LADB	49.2	49	49.96
LAWB	49	48.9	49.71
TOTAL CAP-MBH	1390.7	1,971	981
SENSIBLE CAP-MBH	899.7	1,043	742
E.W.T./L.W.T.	42/54	42/54	42/54
GPM	235	335	170
MAX. PD-FT H2O	10	10	10
MIN. ROWS-FINS/INCH	6/10	6/10	6/10
MAX. AIR S.P. IN. H2O	1.0	1.0	1.0
PIPE SIZE (IN.)	4"	4"	4"
COOLING COILS	SUB-COOLING	SUB-COOLING	
DEHUMIDIFIED CFM	26,650	31,175	
MIN. SQ. FT. FACE AREA	---	---	
MAX FACE VELOCITY	450	450	
EADB	55	55	
EAWB	54	54	
LADB	45	44.5	
LAWB	44	44.5	
TOTAL CAP-MBH	402	860	
SENSIBLE CAP-MBH	215.3	354	
E.W.T./L.W.T.	35/45	35/45	
GPM	85	175	
MAX. PD-FT H2O	10	8.1	
MIN. ROWS-FINS/INCH	8/10	8/10	
MAX. AIR S.P. IN. H2O	0.75"	0.75"	
PIPE SIZE (IN.)	3"	3"	
HEATING COILS	PREHEAT	PREHEAT	PREHEAT
CAPACITY-MBH	1886.1	2494	356.7
CFM	26,650	31,175	5,000
MIN. SQ. FT.	---	---	---
MAX. FACE VELOCITY	450	450	450
EADB	20	20	0
LADB	56.2	57.1	55
WATER GPM	145	170	85
E.W.T./L.W.T.	180/155	180/155	180/153
MAX. PD. FT. H O	10	10	10
ROWS-FINS/INCH	2/10	2/10	2/10
MAX AIR SP-IN H O	0.25	0.25	0.25
PIPE SIZE (IN.)	3"	3"	2-1/2"
HUMIDIFIER			
CAPACITY LBS/HR	600	600	56
STEAM PSIG	60	60	30
PIPE SIZE (IN.)	2"	2"	1"
UNIT LAT	52	52	55

REMARKS:

1. ALL UNITS TO BE SELECTED WITH INTERNAL STATIC PRESSURE TO INCLUDE DIRTY FILTERS. FANS TO BE SELECTED THAT OPERATE AT NO GREATER THAN 80% OF THEIR MAX CAPACITY WITH DIRTY FILTERS AT THE OPERATING POINTS SCHED. ABOVE. SUBMITTALS TO INCLUDE THE FOLLOWING INFORMATION:
   A. FOR FAN SELECTIONS OVER 12,000 CFM, THE FAN ASSEMBLY SHALL BE PROVIDED WITH A MINIMUM OF 2 FANS AND THE QUANTITY AND MOTOR HORSEPOWER SELECTION SHALL BE SUCH THAT WITH 1 FAN DISABLED THE FAN ASSEMBLY SHALL BE ABLE TO MAINTAIN 70% OF THE TOTAL AIRFLOW.
   B. FANS SHALL OPERATE AT NO GREATER THAN 85% OF THEIR MAX FAN RPM.
2. PROVIDE DIRECT DRIVE PLENUM SUPPLY AND RETURN FANS. PROVIDE TWO (2) VFDS FOR THE EACH SUPPLY AND RETURN FAN SECTION THAT IS SIZED FOR THE OVERALL FAN HORSEPOWER. VFDS TO BE PROVIDED WITHOUT A BYPASS AND SHALL BE WIRED SUCH THAT ONE VFD WILL POWER ALL FANS WITH ONE VFD FOR BACKUP. ALL VFDS TO BE PROVIDED WITH BACNET INTERFACE TO BUILDING AUTOMATION SYSTEM.
3. PROVIDE PLENUM LIGHTS IN FAN SECTIONS AND ALL ACCESS SECTIONS WITH TIMER SWITCH. PREWIRE ALL LIGHTS IN THE FACTORY TO JUNCTION BOXES ON THE EXTERIOR OF THE UNIT FOR FIELD CONNECTIONS. SEAL ALL CASING PENETRATIONS AIR AND MOISTURE TIGHT.
4. PROVIDE MIN. 1 FAN DIAMETER BETWEEN CASING AND FAN INLET.
5. ALL FILTERS TO BE FRONT LOADING FILTERS AND HAVE GAUGES WITH CLEAN AND DIRTY INDICATORS.
6. ALL OUTSIDE AIR INTAKES TO BE 3' MINIMUM ABOVE THE FINISHED ROOF AND 25' AWAY FROM ANY EXHAUST OUTLETS, PLUMBING VENTS, FLUES, COOLING TOWERS, ETC.
7. PROVIDE AIR BLENDER IN ALL RTU'S.
8. SUB COOLING COIL TO BE RATED FOR 30% GLYCOL MIXTURE.

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

RSN: *1099872*
Permit #: *2016-1083264 LT*

ICT
I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140389

Seals



THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 3	04/30/15
Revision 4	03-16-16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
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Drawn By: Author	Checked By: Checker

Drawing Title

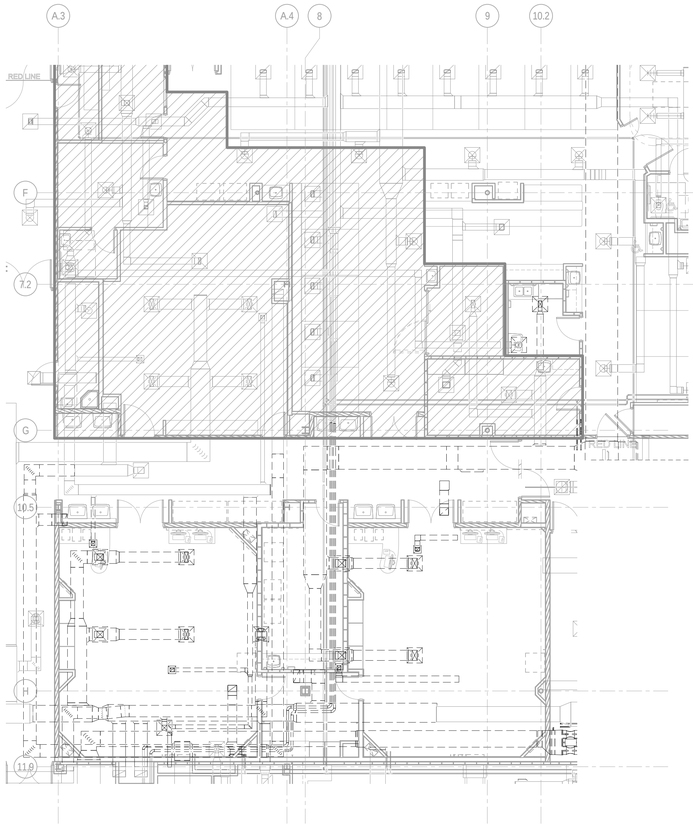
HVAC SCHEDULES

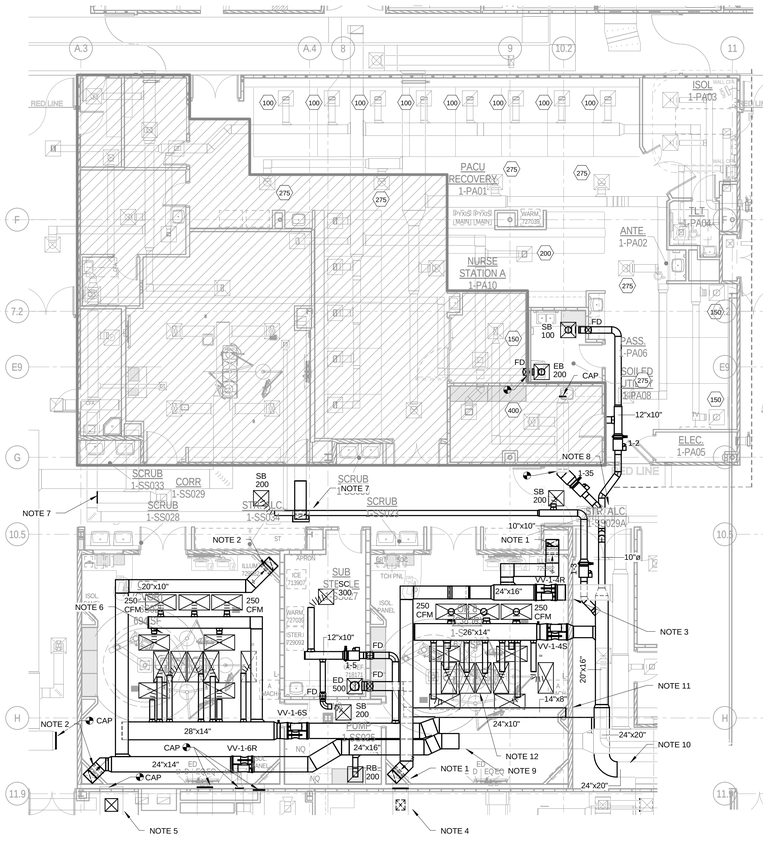
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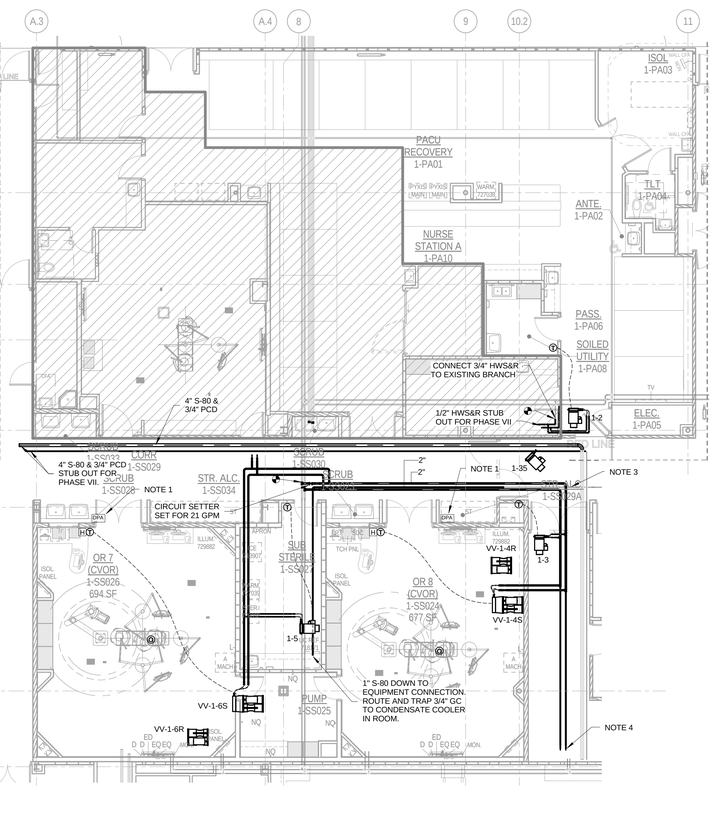
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DEMOLITION LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED

HVAC NEW WORK LEGEND

- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

PIPING NEW WORK LEGEND

- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

MECH.DEMOLITION PLAN - PHASE III-PACU & OR'S

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

HVAC PLAN - PHASE III-PACU & OR'S

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

PIPING PLAN - PHASE III-PACU & OR'S

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

WALL LEGEND

	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
	EXISTING 1-HOUR SMOKE BARRIER
	EXISTING 1-HOUR RATED SHAFT WALL BARRIER
	EXISTING 2-HOUR FIRE BARRIER
	EXISTING 2-HOUR SMOKE BARRIER
	EXISTING 2-HOUR RATED SHAFT WALL BARRIER
	EXISTING NON-RATED C.M.U. PARTITION TO DECK
	EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING CAST-IN-PLACE CONC.
	EXISTING 2-HOUR CONC. FIRE BARRIER
	EXISTING 2-HOUR CONC. SMOKE BARRIER
	NON-RATED PARTITION TO 4" ABOVE CEILING
	NON-RATED PARTITION TO DECK
	SMOKE PARTITION TO DECK
	1-HOUR FIRE BARRIER
	1-HOUR SMOKE BARRIER
	1-HOUR RATED SHAFT WALL BARRIER
	2-HOUR FIRE BARRIER
	2-HOUR SMOKE BARRIER
	2-HOUR RATED SHAFT WALL BARRIER
	NON-RATED C.M.U. PARTITION TO DECK
	1-HOUR C.M.U. FIRE BARRIER TO DECK
	2-HOUR C.M.U. FIRE BARRIER TO DECK
	3-HOUR C.M.U. FIRE BARRIER TO DECK
	4-HOUR C.M.U. FIRE BARRIER TO DECK
	1-HOUR C.M.U. SMOKE BARRIER TO DECK
	2-HOUR C.M.U. SMOKE BARRIER TO DECK
	CAST-IN-PLACE CONC.
	2-HOUR CONC. FIRE BARRIER
	2-HOUR CONC. SMOKE BARRIER
	4-HOUR CONC. FIRE BARRIER
	4-HOUR CONC. SMOKE BARRIER

HVAC SHEET NOTES:

1. ROUTE 20"x10" RETURN AIR DUCT DOWN IN CHASE TO 20"x30" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 1150 CFM.
2. ROUTE 20"x10" RETURN AIR DUCT DOWN IN CHASE TO 20"x36" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 1150 CFM.
3. CONNECT TO 24"x16" RETURN DUCT STUB OUT FROM PHASE II. SEE SHEET M1.02 FOR CONTINUATION.
4. ROUTE 16"x14" TEMPORARY SUPPLY DUCT FROM ROOF DOWN TO EXISTING SUPPLY DUCT. PROVIDE TEMPORARY VAV W/ REHEAT. SIZE VAV BOX FOR 1250 CFM. SEE SHEET M0.02 FOR 1-33 BOX SCHEDULE.
5. ROUTE 20"x20" TEMPORARY SUPPLY DUCT FROM ROOF DOWN TO EXISTING SUPPLY DUCT. PROVIDE TEMPORARY VAV W/ REHEAT. SIZE VAV BOX FOR 2300 CFM. SEE SHEET M0.02 FOR 1-34 BOX SCHEDULE.
6. 12-48"x24" TITUS MODEL TLF LAMINAR FLOW SUPPLY DIFFUSER WITH 10" INLET CONNECTION. BALANCE FOR 200 CFM EXCEPT WHERE NOTED OTHERWISE.
7. CONNECT EXISTING RETURN DUCT FROM OR TO EXISTING STUB-OUT LEFT FROM DEMO'D EXHAUST DUCT. BALANCE RETURN DUCT FOR CURRENT RETURN AIRFLOWS.
8. STUB OUT 10" SUPPLY DUCT FOR PHASE IIA. SEE SHEET M1.07A FOR CONTINUATION.
9. ONCE EXISTING RETURN DUCT IS DEMO'D, CONNECT TO 24"x16" RETURN DUCT FROM PHASE II. SEE SHEET M1.02 FOR CONTINUATION.
10. ONCE TEMPORARY VV-1-30 BOX HAS BEEN REMOVED, CONNECT TO 24"x20" SUPPLY DUCT FROM PHASE II. SEE SHEET M1.02 FOR CONTINUATION.
11. CONNECT TO 14"x8" EXHAUST DUCT STUB OUT FROM PHASE II. SEE SHEET M1.02 FOR CONTINUATION.
12. 12-48"x24" TITUS MODEL TLF LAMINAR FLOW SUPPLY DIFFUSER WITH 10" INLET CONNECTION. BALANCE FOR 200 CFM EXCEPT WHERE NOTED OTHERWISE.

	RTU-1	RTU-2	
SUPPLY AIR	19,700	7,430	
RETURN AIR	16,900	0	

PIPING SHEET NOTES:

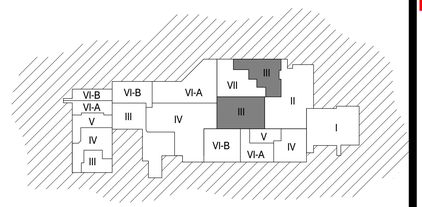
1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPC-30 OUTSIDE EACH ISOLATION ROOM AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.
2. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPM-10 OUTSIDE EACH ROOM REQUIRING PRESSURE MONITORING AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.
3. 1" S-80 PIPE SHALL REMAIN IN USE UNTIL THE 4" S-80 PIPE IS CONNECTED TO THE MAIN STEAM HEADER IN THE CENTRAL PLANT, AT WHICH TIME THE 1" S-80 PIPE WILL BE CONNECTED IN TO THE 4" S-80 PIPE.
4. CAP AND VALVE 1" HWS&R FOR PHASE IV. SEE SHEET M1.04.1 FOR CONTINUATION.

GENERAL PIPING NOTES:

A. PIPING SHOWN ON PLANS SHOWS APPROXIMATE ROUTING. COORDINATE WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. CIRCUIT SETTERS ARE TO BE INSTALLED IN HOT WATER RETURN PIPES. ALL COILS ARE TO BE PIPED SO WATER ENTERS LEAVING AIR SIDE OF COIL.
B. PROVIDE SHUT-OFF VALVES AT ALL BRANCH CONNECTIONS.

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City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
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WORKING AREA - PHASED KEY PLAN

ICT
I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.ictthomasson.com
ICT Project No. 140389

Seals



THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
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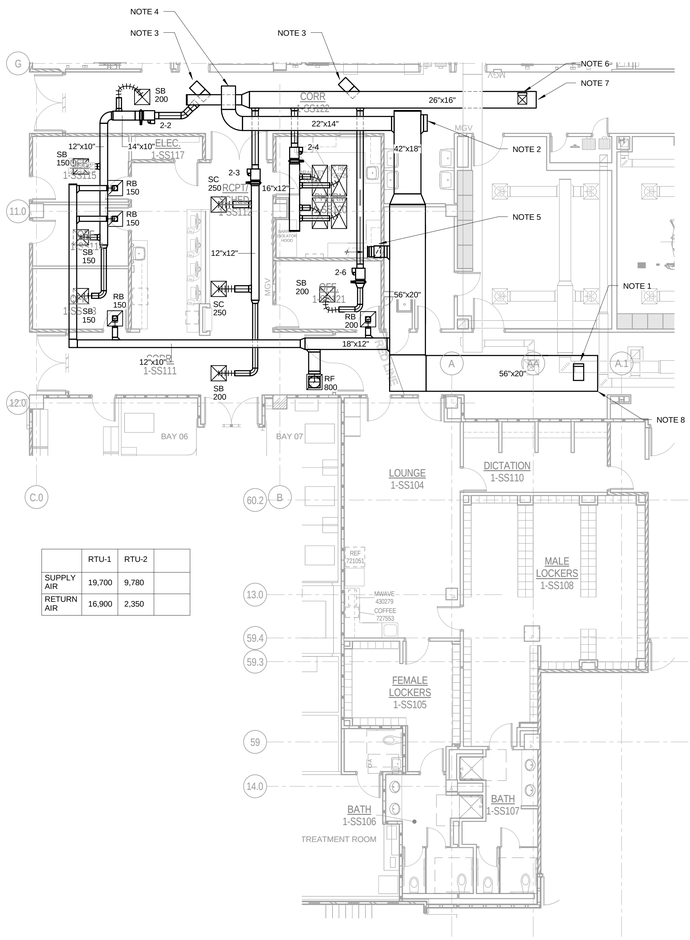
MECHANICAL PHASE III-PACU & OR'S

Sheet Number
M1.03

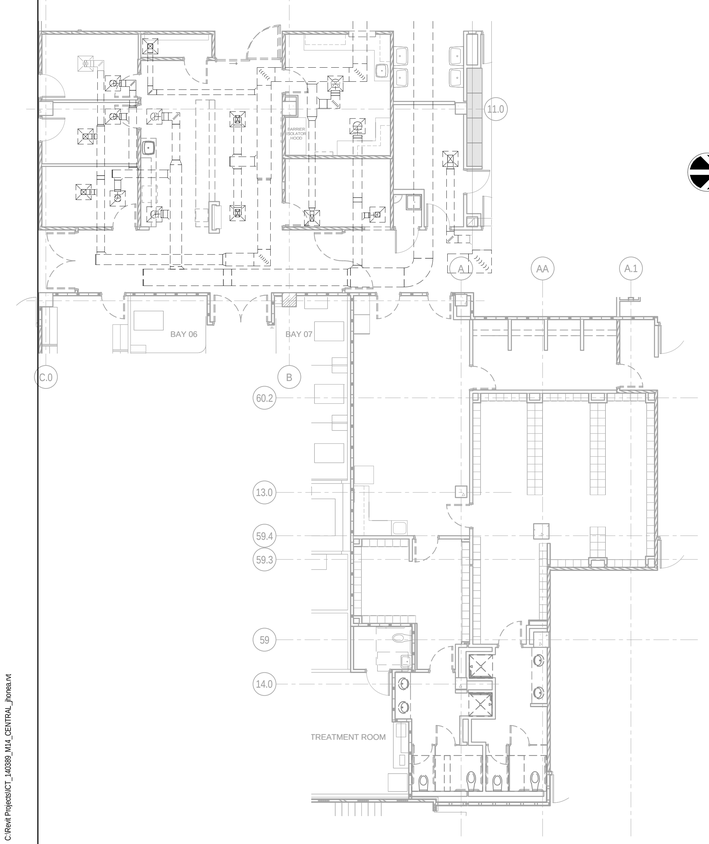
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SHEET NOTES:

1. PROVIDE TEMPORARY 22"x16" RETURN DUCT DOWN FROM ROOF TO NEW 56"x20" RETURN DUCT IN CORRIDOR. BALANCE FOR 2,350 CFM. SEE SHEET M2.03 FOR CONTINUATION.
2. STUB-OUT 26"x20" RETURN DUCT FOR FUTURE PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
3. STUB-OUT 16"x12" SUPPLY DUCT FOR FUTURE PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
4. STUB-OUT 22"x14" RETURN DUCT FOR FUTURE PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
5. ROUTE 18"x10" RETURN DUCT DOWN IN CHASE TO 16"x24" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 900 CFM.
6. PROVIDE TEMPORARY 14"x14" SUPPLY DUCT DOWN FROM ROOF TO NEW 26"x16" SUPPLY DUCT IN CORRIDOR. BALANCE FOR 2,350 CFM. SEE SHEET M2.03 FOR CONTINUATION.
7. STUB-OUT 26"x16" SUPPLY DUCT FOR FUTURE PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
8. STUB-OUT 56"x20" RETURN DUCT FOR FUTURE PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.



	RTU-1	RTU-2	
SUPPLY AIR	19,700	9,780	
RETURN AIR	16,900	2,350	

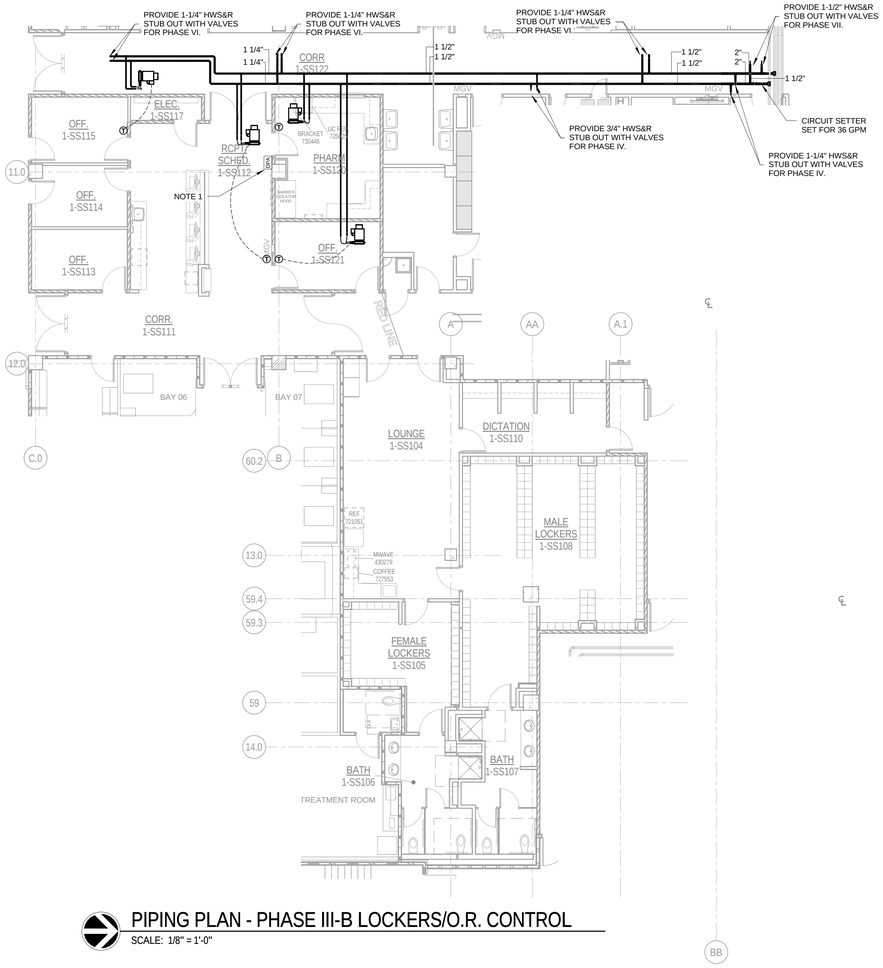


HVAC PLAN - PHASE III-B LOCKERS/O.R. CONTROL
SCALE: 1/8" = 1'-0"

MECH.DEMOLITION PLAN - PHASE III-B LOCKERS/O.R. CONTROL
SCALE: 1/8" = 1'-0"

WALL LEGEND

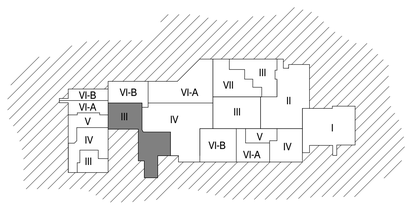
	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
	EXISTING 1-HOUR SMOKE BARRIER
	EXISTING 1-HOUR RATED SHAFT WALL BARRIER
	EXISTING 2-HOUR FIRE BARRIER
	EXISTING 2-HOUR SMOKE BARRIER
	EXISTING 2-HOUR RATED SHAFT WALL BARRIER
	EXISTING NON-RATED C.M.U. PARTITION TO DECK
	EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING CAST-IN-PLACE CONC.
	EXISTING 2-HOUR CONC. FIRE BARRIER
	EXISTING 2-HOUR CONC. SMOKE BARRIER
	NON-RATED PARTITION TO 4" ABOVE CEILING
	NON-RATED PARTITION TO DECK
	SMOKE PARTITION TO DECK
	1-HOUR FIRE BARRIER
	1-HOUR SMOKE BARRIER
	1-HOUR RATED SHAFT WALL BARRIER
	2-HOUR FIRE BARRIER
	2-HOUR SMOKE BARRIER
	2-HOUR RATED SHAFT WALL BARRIER
	NON-RATED C.M.U. PARTITION TO DECK
	1-HOUR C.M.U. FIRE BARRIER TO DECK
	2-HOUR C.M.U. FIRE BARRIER TO DECK
	3-HOUR C.M.U. FIRE BARRIER TO DECK
	4-HOUR C.M.U. FIRE BARRIER TO DECK
	1-HOUR C.M.U. SMOKE BARRIER TO DECK
	2-HOUR C.M.U. SMOKE BARRIER TO DECK
	CAST-IN-PLACE CONC.
	2-HOUR CONC. FIRE BARRIER
	2-HOUR CONC. SMOKE BARRIER
	4-HOUR CONC. FIRE BARRIER
	4-HOUR CONC. SMOKE BARRIER



PIPING PLAN - PHASE III-B LOCKERS/O.R. CONTROL
SCALE: 1/8" = 1'-0"

PIPING SHEET NOTES:

1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPM-10 OUTSIDE EACH ROOM REQUIRING PRESSURE MONITORING AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.



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FAX (615) 346-3550
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ICT Project No. 140389

Seals

COLORADO LICENSED
Kevin Bell
39625
3/16/16
PROFESSIONAL ENGINEER

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

DOCUMENT CHANGES

Description	Date
Revision 4	03-16-16

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Issue Description	
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

Drawing Title

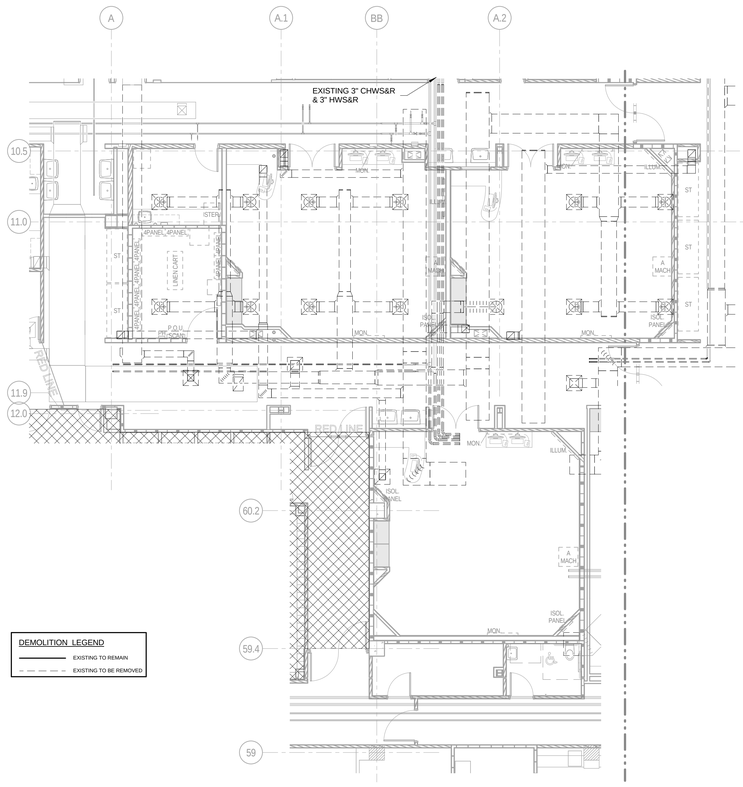
MECHANICAL PLAN - PHASE III-B LOCKERS/O.R. CONTROL

Sheet Number
M1.03.1

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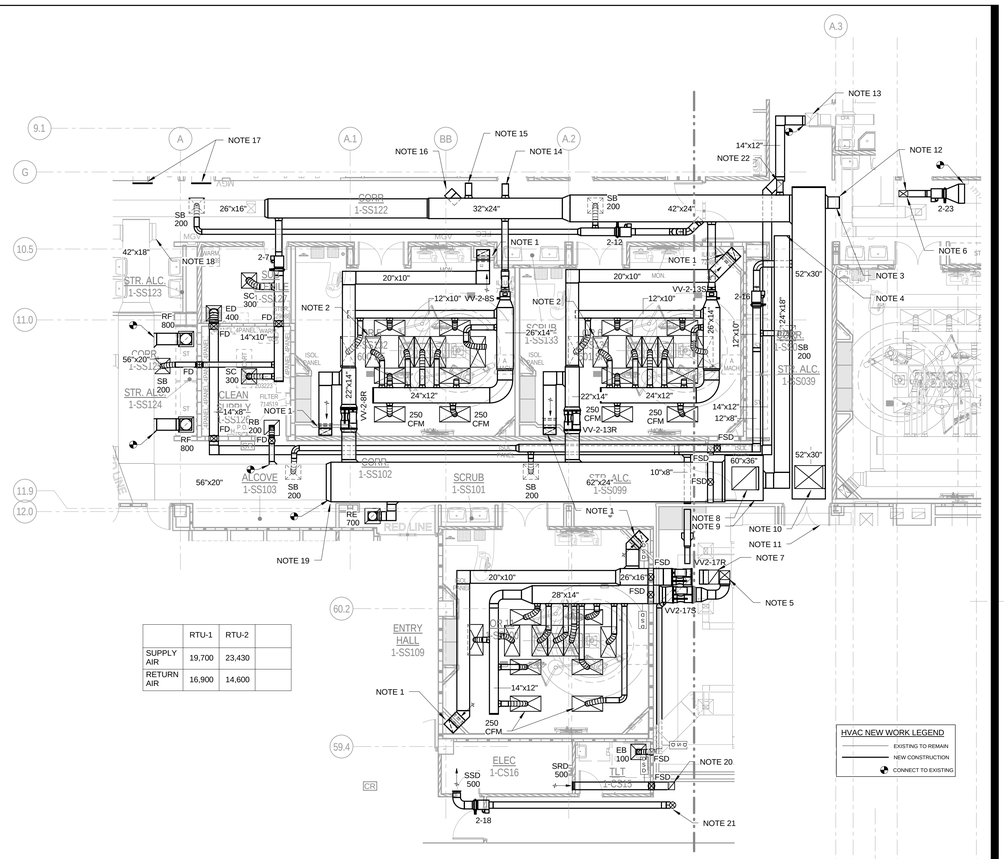
WALL LEGEND

	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
	EXISTING 1-HOUR SMOKE BARRIER
	EXISTING 1-HOUR RATED SHAFT WALL BARRIER
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	EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING CAST-IN-PLACE CONC.
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	NON-RATED PARTITION TO 4" ABOVE CEILING
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	2-HOUR FIRE BARRIER
	2-HOUR SMOKE BARRIER
	2-HOUR RATED SHAFT WALL BARRIER
	NON-RATED C.M.U. PARTITION TO DECK
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	4-HOUR C.M.U. FIRE BARRIER TO DECK
	1-HOUR C.M.U. SMOKE BARRIER TO DECK
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	CAST-IN-PLACE CONC.
	2-HOUR CONC. FIRE BARRIER
	2-HOUR CONC. SMOKE BARRIER
	4-HOUR CONC. FIRE BARRIER
	4-HOUR CONC. SMOKE BARRIER



MECH. DEMOLITION PLAN - PHASE IV - OR'S

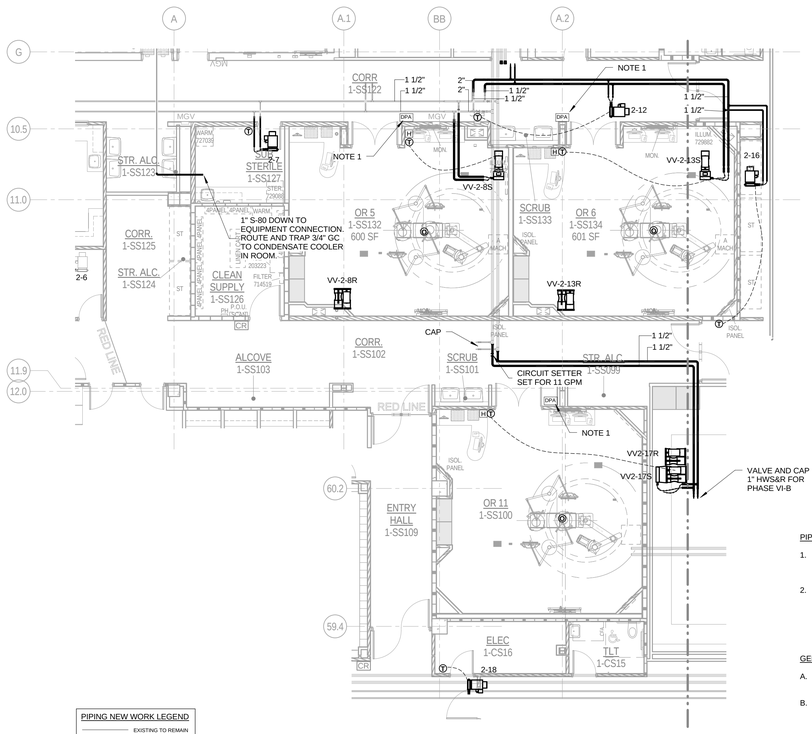
SCALE: 1/8" = 1'-0"



	RTU-1	RTU-2	
SUPPLY AIR	19,700	23,430	
RETURN AIR	16,900	14,600	

HVAC PLAN - PHASE IV - OR'S

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



PIPING PLAN - PHASE IV - OR'S

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

HVAC SHEET NOTES:

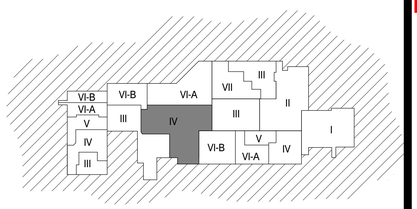
1. ROUTE 20"x10" RETURN DUCT DOWN IN CHASE TO 20"x30" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 1150 CFM.
2. 48"x24" TITUS MODEL TLF LAMINAR FLOW SUPPLY DIFFUSER WITH 10" INLET CONNECTION. BALANCE FOR 200 CFM, EXCEPT WHERE NOTED OTHERWISE.
3. STUB OUT 18"x12" SUPPLY DUCT FOR PHASE VIA. SEE SHEET M1.07 FOR CONTINUATION.
4. STUB OUT 24"x18" RETURN DUCT FOR PHASE VIIA. SEE SHEET M1.07A FOR CONTINUATION.
5. ROUTE TEMPORARY 16"x14" SUPPLY DUCT DOWN FROM ROOF ABOVE TO VV2-17S. BALANCE FOR 2,500 CFM. SEE SHEET M2.04 FOR CONTINUATION.
6. ROUTE TEMPORARY 14"x10" SUPPLY DUCT TO TEMPORARY VAV BOX. VAV BOX TO BE SELECTED FOR 1500 CFM. CONNECT TEMPORARY 30"x14" SUPPLY DUCT TO EXISTING.
7. ROUTE TEMPORARY 22"x16" RETURN DUCT UP TO ROOF ABOVE. BALANCE FOR 2,300 CFM. SEE SHEET M2.04 FOR CONTINUATION.
8. ROUTE TEMPORARY 38"x36" RETURN DUCT UP TO ROOF ABOVE. CONNECT TEMPORARY 38"x36" RETURN DUCT TO NEW PERMANENT 56"x30" RETURN DUCT.
9. STUB OUT 60"x36" RETURN DUCT FOR PHASE V. SEE SHEET M1.05 FOR CONTINUATION.
10. ROUTE TEMPORARY 44"x36" SUPPLY DUCT FROM ROOF ABOVE. CONNECT TEMPORARY 44"x36" SUPPLY DUCT TO NEW PERMANENT 50"x24" SUPPLY DUCT.
11. STUB OUT 52"x30" SUPPLY DUCT FOR PHASE V. SEE SHEET M1.05 FOR CONTINUATION.
12. PRIOR TO COMMENCEMENT OF REMOVAL OF TEMPORARY DUCTWORK ON ROOF SERVING PHASE IV DURING PHASE V, AN ADDITIONAL TEMPORARY CONNECTION SHALL BE MADE FROM THE 18"x12" SUPPLY DUCT STUB OUT TO THE TEMPORARY VAV SERVING THE DAVINCI OR.
13. CONNECT 14"x12" EXHAUST DUCT TO EXISTING 18"x18" EXHAUST DUCT. REPLACE EXISTING EXHAUST FAN ON ROOF WITH NEW EF-4.
14. STUB OUT 10" SUPPLY DUCT FOR PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
15. STUB OUT 10" SUPPLY DUCT FOR PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
16. STUB OUT 16"x12" SUPPLY DUCT FOR PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
17. CAP EXISTING DUCT AT EDGE OF CORRIDOR. REMAINDER OF DUCT SHALL BE DEMO'D DURING PHASE VI.
18. STUB OUT 26"x20" RETURN DUCT FOR PHASE VI. SEE SHEET M1.06 FOR CONTINUATION.
19. CONNECT 62"x24" RETURN DUCT TO STUBBED OUT 56"x20" RETURN DUCT FROM PHASE III. SEE SHEET M1.03.1 FOR CONTINUATION.
20. PROVIDE TEMPORARY 12"x10" RETURN DUCT UP TO ROOF ABOVE. BALANCE FOR 500 CFM. SEE SHEET M2.03 FOR CONTINUATION.
21. PROVIDE TEMPORARY 10" Ø SUPPLY DUCT DOWN FROM ROOF ABOVE. BALANCE FOR 500 CFM. SEE SHEET M2.03 FOR CONTINUATION.
22. STUB OUT 10" SUPPLY DUCT FOR PHASE VIIA. SEE SHEET M1.07A FOR CONTINUATION.

PIPING SHEET NOTES:

1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPC-30 OUTSIDE EACH ISOLATION ROOM AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.
2. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPM-10 OUTSIDE EACH ROOM REQUIRING PRESSURE MONITORING AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.

GENERAL PIPING NOTES:

A. PIPING SHOWN ON PLANS SHOWS APPROXIMATE ROUTING. COORDINATE WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. CIRCUIT SETTERS ARE TO BE INSTALLED IN HOT WATER RETURN PIPES. ALL COILS ARE TO BE PIPED SO WATER ENTERS LEAVING AIR SIDE OF COIL.
B. PROVIDE SHUT-OFF VALVES AT ALL BRANCH CONNECTIONS.



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COLORADO LICENSED Paul Bond 39625 3/16/16 PROFESSIONAL ENGINEER

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

DOCUMENT CHANGES

Description	Date
Revision 1	02/03/15
Revision 2	02/20/15
Revision 3	04/30/15
Revision 4	03-16-16

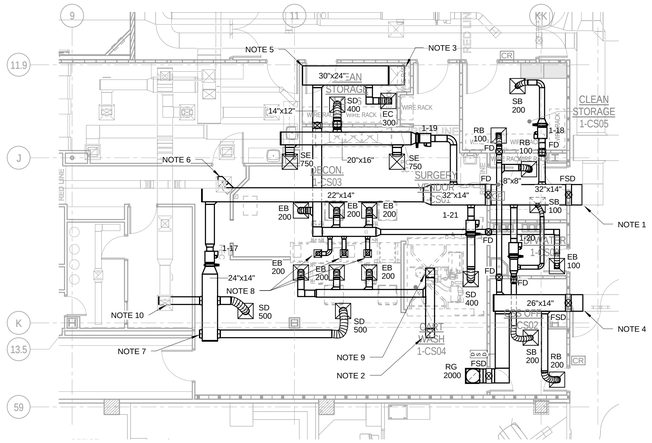
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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker
Drawing Title	

MECHANICAL PHASE IV - OR'S

Sheet Number
M1.04

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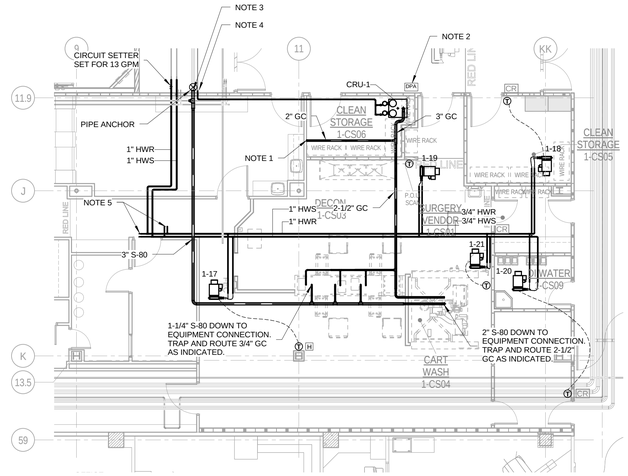
HVAC PLAN - PHASE IV - SPD

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

HVAC SHEET NOTES:

1. CONNECT 32"x14" SUPPLY DUCT TO STUB-OUT IN CORRIDOR FROM PHASE I.
2. ROUTE 14"x14" EXHAUST DUCT UP TO EXHAUST FAN ON ROOF.
3. ROUTE 24"x20" EXHAUST DUCT TO EXISTING STUB-DOWN 24"x20" EXHAUST DUCT FROM PHASE II.
4. CONNECT IN TO EXISTING 26"x14" RETURN DUCT STUB-OUT FROM PHASE I.
5. PROVIDE STUBBED-OUT 24"x20" EXHAUST DUCT FOR PHASE V. BALANCE IEF-3 FOR 1,300 CFM. SEE SHEET M1.05 FOR CONTINUATION.
6. PROVIDE STUBBED-OUT 14"x12" SUPPLY DUCT FOR PHASE V. SEE SHEET M1.05 FOR CONTINUATION.
7. PROVIDE STUBBED-OUT 12" Ø SUPPLY DUCT FOR PHASE V1-A. SEE SHEET M1.06A FOR CONTINUATION.
8. 6" DIAMETER STAINLESS STEEL DUCT DOWN TO EQUIPMENT CONNECTION BELOW. BALANCE FOR 100 CFM.
9. 8" STAINLESS STEEL EXHAUST DUCT DOWN TO EQUIPMENT CONNECTION BELOW. PROVIDE 2-POSITION MOTORIZED DAMPER WITH MEMORY STOP IN DUCT AT CONNECTION TO MAIN. BALANCE FOR 250 CFM AT DAMPER MINIMUM POSITION AND 1,000 CFM AT FULLY OPEN.
10. PROVIDE STUBBED-OUT 12" Ø SUPPLY DUCT FOR PHASE V1-A. BALANCE FOR 500 CFM OF TEMPORARY COOLING. SEE SHEET M1.06A FOR CONTINUATION.

	RTU-1	RTU-2	
SUPPLY AIR	23,500	22,425	
RETURN AIR	19,300	14,600	

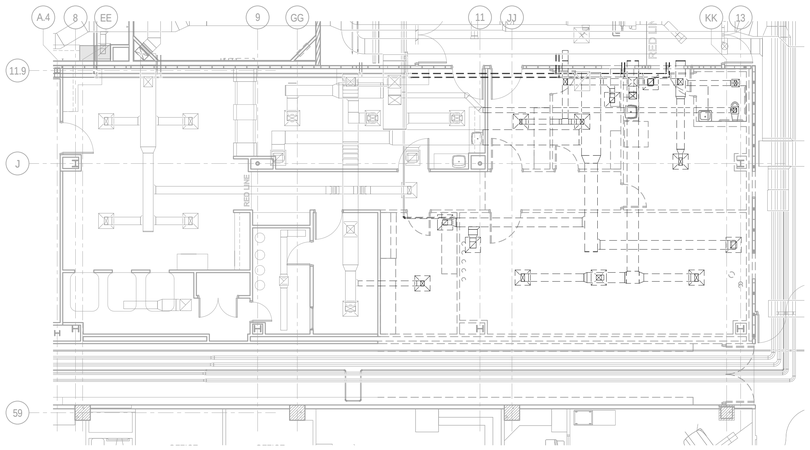


PIPING PLAN - PHASE IV - SPD

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

PIPING SHEET NOTES:

1. PROVIDE 2" GC STUB OUT FOR PHASE V. SEE SHEET M1.05 FOR CONTINUATION.
2. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL P/PA-10 OUTSIDE EACH ROOM REQUIRING PRESSURE MONITORING AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.
3. CONNECT TO 4" S-80 PIPE STUB OUT FROM PHASE II. SEE SHEET M1.02 FOR CONTINUATION.
4. CONNECT TO 3/4" PCD PIPE STUB OUT FROM PHASE II. SEE SHEET M1.02 FOR CONTINUATION.
5. PROVIDE 1/2" HWS&R STUB OUT WITH VALVES FOR PHASE V. SEE SHEET M1.05 FOR CONTINUATION.



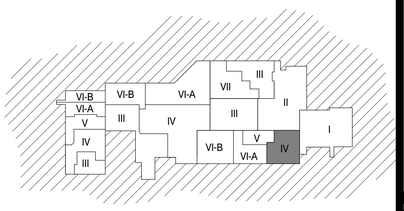
MECH.DEMOLITION PLAN - PHASE IV - SPD

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

WALL LEGEND	
	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
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	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
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	NON-RATED PARTITION TO 4" ABOVE CEILING
	NON-RATED PARTITION TO DECK
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	1-HOUR SMOKE BARRIER
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	2-HOUR SMOKE BARRIER
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RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
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Date: *Apr 15, 2016*
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RSN: *REV. TO RSN 966198*
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DOCUMENT CHANGES

Description	Date
Revision 4	03-16-16

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Issue Date	2014-12-30
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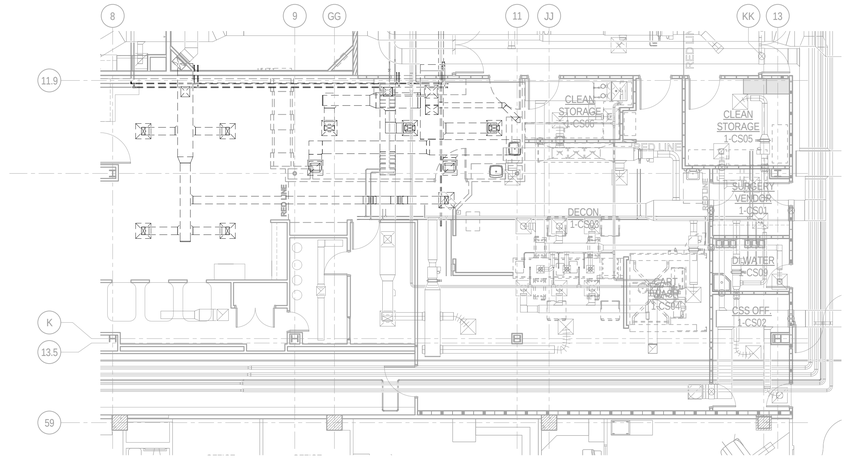
MECHANICAL PHASE IV - SPD

Sheet Number

M1.04.1

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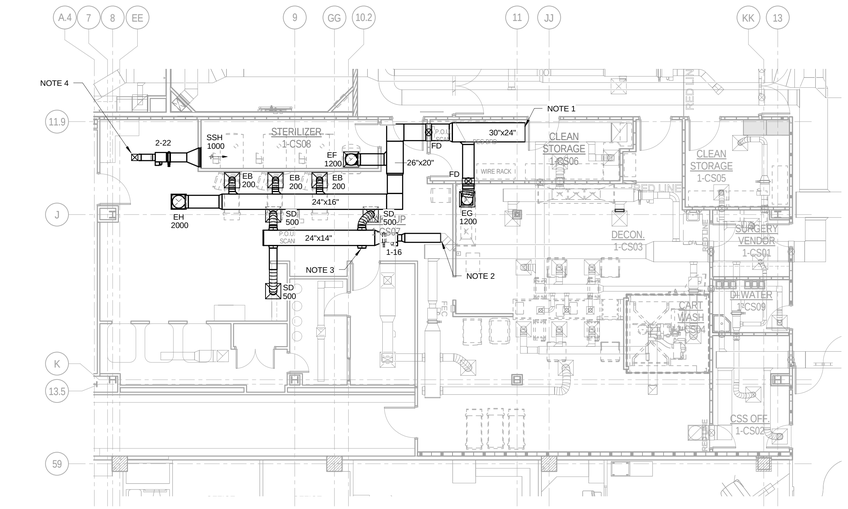
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MECH.DEMOLITION PLAN - PHASE V - SPD

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

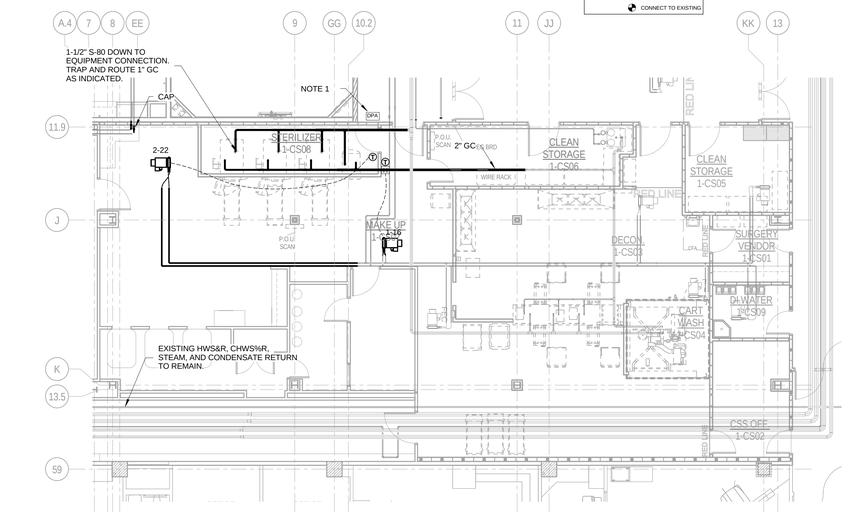
DEMOLITION LEGEND
- EXISTING TO REMAIN
- EXISTING TO BE REMOVED



HVAC PLAN - PHASE V - SPD

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

HVAC NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING



PIPING PLAN - PHASE V - SPD

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

PIPING NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

WALL LEGEND

	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
	EXISTING 1-HOUR SMOKE BARRIER
	EXISTING 1-HOUR RATED SHAFT WALL BARRIER
	EXISTING 2-HOUR FIRE BARRIER
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	EXISTING 2-HOUR RATED SHAFT WALL BARRIER
	EXISTING NON-RATED C.M.U. PARTITION TO DECK
	EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING CAST-IN-PLACE CONC.
	EXISTING 2-HOUR CONC. FIRE BARRIER
	EXISTING 2-HOUR CONC. SMOKE BARRIER
	NON-RATED PARTITION TO 4" ABOVE CEILING
	NON-RATED PARTITION TO DECK
	SMOKE PARTITION TO DECK
	1-HOUR FIRE BARRIER
	1-HOUR SMOKE BARRIER
	1-HOUR RATED SHAFT WALL BARRIER
	2-HOUR FIRE BARRIER
	2-HOUR SMOKE BARRIER
	2-HOUR RATED SHAFT WALL BARRIER
	NON-RATED C.M.U. PARTITION TO DECK
	1-HOUR C.M.U. FIRE BARRIER TO DECK
	2-HOUR C.M.U. FIRE BARRIER TO DECK
	3-HOUR C.M.U. FIRE BARRIER TO DECK
	4-HOUR C.M.U. FIRE BARRIER TO DECK
	1-HOUR C.M.U. SMOKE BARRIER TO DECK
	2-HOUR C.M.U. SMOKE BARRIER TO DECK
	CAST-IN-PLACE CONC.
	2-HOUR CONC. FIRE BARRIER
	2-HOUR CONC. SMOKE BARRIER
	4-HOUR CONC. FIRE BARRIER
	4-HOUR CONC. SMOKE BARRIER

HVAC SHEET NOTES:

1. CONNECT TO 24"x20" EXHAUST DUCT STUBBED-OUT FROM PHASE IV. BALANCE IEF-3 FOR 6,300 CFM. SEE SHEET M1.04.1 FOR CONTINUATON.
2. CONNECT TO 14"x12" SUPPLY DUCT STUBBED-OUT FROM PHASE IV. SEE SHEET M1.04.1 FOR CONTINUATON
3. PROVIDE STUBBED-OUT 12"Ø SUPPLY DUCT FOR PHASE VI-A. SEE SHEET M1.06A FOR CONTINUATION.
4. PROVIDE A TEMPORARY 10"x10" SUPPLY DUCT DOWN FROM ROOF TO VAV BOX 2-22. BALANCE FOR 1,000 CFM. SEE SHEET M2.05 FOR CONTINUATION.

	RTU-1	RTU-2	
SUPPLY AIR	25,000	19,875	
RETURN AIR	19,300	14,600	

PIPING SHEET NOTES:

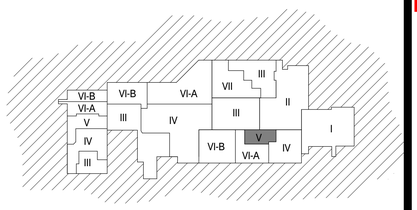
1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPM-10 OUTSIDE EACH ROOM REQUIRING PRESSURE MONITORING AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC

GENERAL PIPING NOTES:

A. PIPING SHOWN ON PLANS SHOWS APPROXIMATE ROUTING. COORDINATE WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. CIRCUIT SETTERS ARE TO BE INSTALLED IN HOT WATER RETURN PIPES. ALL COILS ARE TO BE PIPED SO WATER ENTERS LEAVING AIR SIDE OF COIL.
B. PROVIDE SHUT-OFF VALVES AT ALL BRANCH CONNECTIONS.



WORKING AREA - PHASED KEY PLAN

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ICT Project No. 140389

Seals



THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 3	04/30/15
Revision 4	03-16-16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

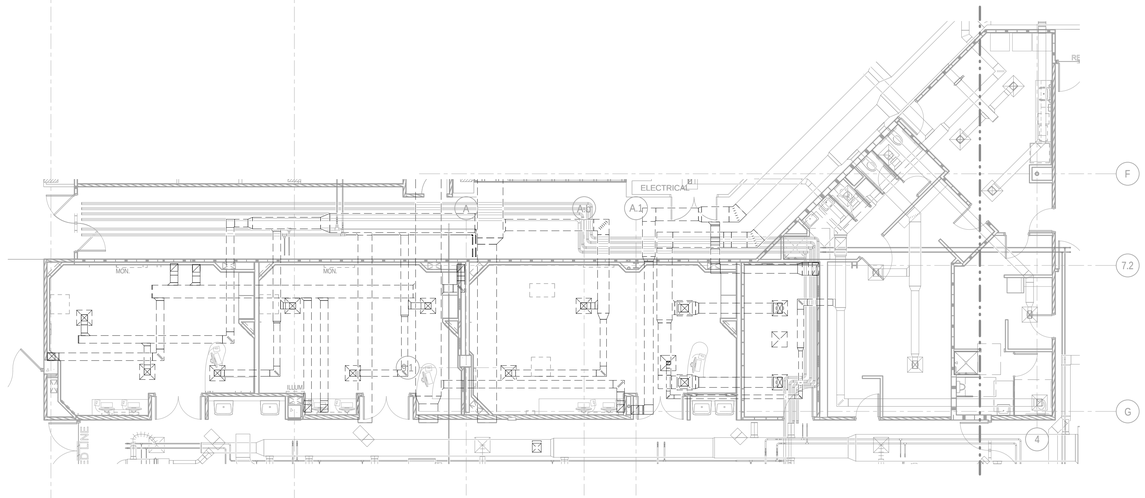
Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

Drawing Title

MECHANICAL PHASE V - SPD

Sheet Number
M1.05
4

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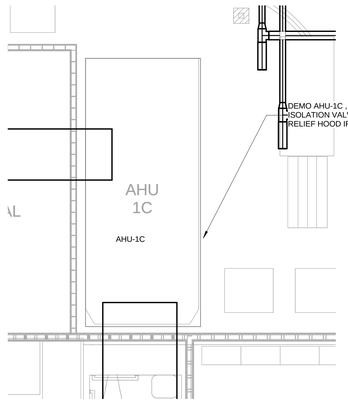


MECH.DEMOLITION PLAN - PHASE VI-A & VI-B

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

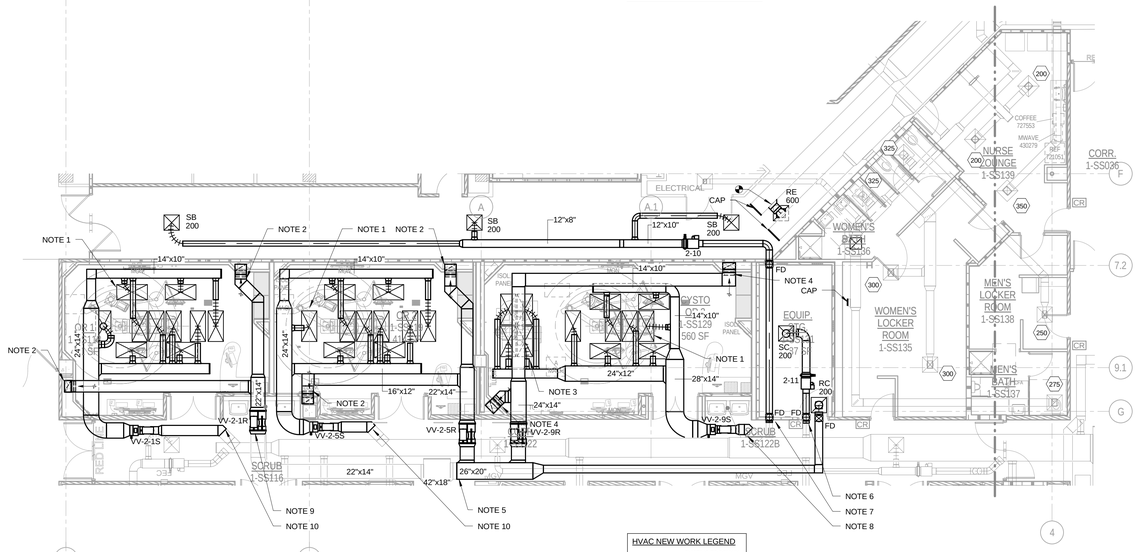
DEMOLITION LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED



4 MECH. DEMOLITION PLAN - PHASE VI-A & VI-B

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

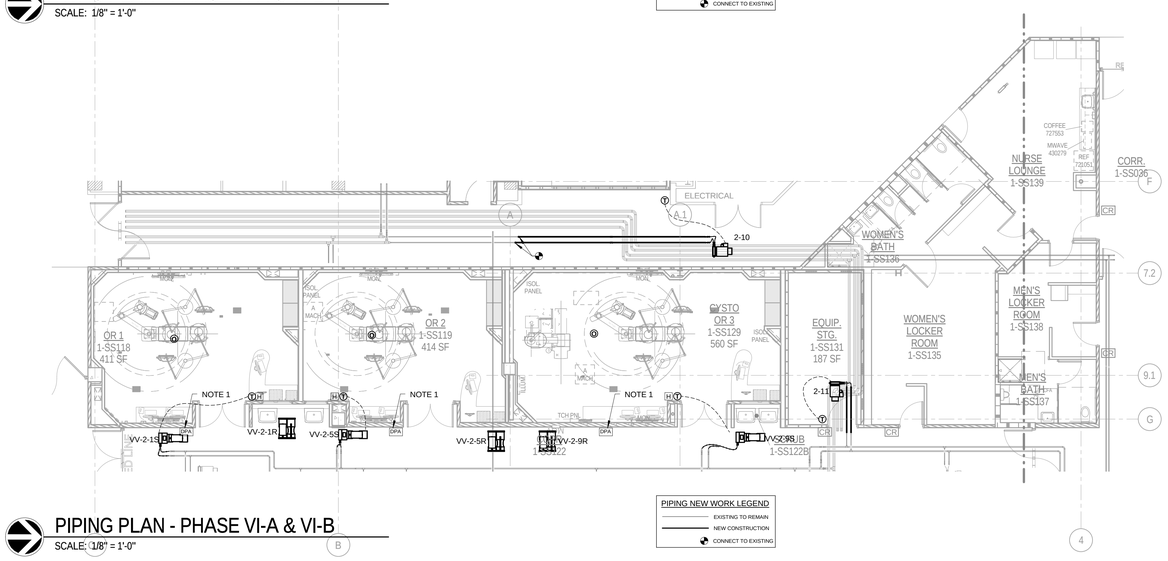


HVAC PLAN - PHASE VI-A & VI-B

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

HVAC NEW WORK LEGEND

- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING



PIPING PLAN - PHASE VI-A & VI-B

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

PIPING NEW WORK LEGEND

- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

HVAC SHEET NOTES:

1. 48"x24" TITUS MODEL TLF LAMINAR FLOW SUPPLY DIFFUSER WITH 10" INLET CONNECTION. BALANCE FOR 200 CFM.
2. ROUTE 18"x10" RETURN DUCT DOWN IN CHASE TO 16"x24" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 900 CFM.
3. 4 - 48"x24" TITUS MODEL TLF LAMINAR FLOW SUPPLY DIFFUSER WITH 10" INLET CONNECTION. BALANCE FOR 225 CFM.
4. ROUTE 20"x10" RETURN DUCT DOWN IN CHASE TO 20"x30" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 1150 CFM.
5. CONNECT 26"x20" RETURN DUCT TO STUBBED OUT 26"x20" RETURN DUCT FROM PHASE III. SEE SHEET M1.03.1 FOR CONTINUATION.
6. CONNECT TO STUBBED OUT 10" SUPPLY DUCT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
7. CONNECT TO STUBBED OUT 10" SUPPLY DUCT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
8. CONNECT TO STUBBED OUT 16"x12" SUPPLY DUCT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
9. CONNECT TO STUBBED OUT 22"x14" RETURN DUCT FROM PHASE III. SEE SHEET M1.03.1 FOR CONTINUATION.
10. CONNECT TO STUBBED OUT 16"x12" SUPPLY DUCT FROM PHASE III. SEE SHEET M1.03.1 FOR CONTINUATION

	RTU-1	RTU-2	
SUPPLY AIR	25,000	27,175	
RETURN AIR	19,300	20,700	

PIPING SHEET NOTES:

1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPC-30 OUTSIDE EACH ISOLATION ROOM AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.
2. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPM-10 OUTSIDE EACH ROOM REQUIRING PRESSURE MONITORING AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.

GENERAL PIPING NOTES:

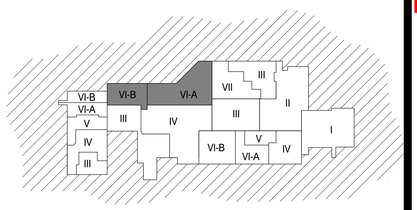
A. PIPING SHOWN ON PLANS SHOWS APPROXIMATE ROUTING. COORDINATE WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. CIRCUIT SETTERS ARE TO BE INSTALLED IN HOT WATER RETURN PIPES. ALL COILS ARE TO BE PIPED SO WATER ENTERS LEAVING AIR SIDE OF COIL.
B. PROVIDE SHUT-OFF VALVES AT ALL BRANCH CONNECTIONS.

WALL LEGEND

EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
EXISTING NON-RATED PARTITION TO DECK
EXISTING SMOKE PARTITION TO DECK
EXISTING 1-HOUR FIRE BARRIER
EXISTING 1-HOUR SMOKE BARRIER
EXISTING 1-HOUR RATED SHAFT WALL BARRIER
EXISTING 2-HOUR FIRE BARRIER
EXISTING 2-HOUR SMOKE BARRIER
EXISTING 2-HOUR RATED SHAFT WALL BARRIER
EXISTING NON-RATED C.M.U. PARTITION TO DECK
EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
EXISTING CAST-IN-PLACE CONC.
EXISTING 2-HOUR CONC. FIRE BARRIER
EXISTING 2-HOUR CONC. SMOKE BARRIER
NON-RATED PARTITION TO 4" ABOVE CEILING
NON-RATED PARTITION TO DECK
SMOKE PARTITION TO DECK
1-HOUR FIRE BARRIER
1-HOUR SMOKE BARRIER
1-HOUR RATED SHAFT WALL BARRIER
2-HOUR FIRE BARRIER
2-HOUR SMOKE BARRIER
2-HOUR RATED SHAFT WALL BARRIER
NON-RATED C.M.U. PARTITION TO DECK
1-HOUR C.M.U. FIRE BARRIER TO DECK
2-HOUR C.M.U. FIRE BARRIER TO DECK
3-HOUR C.M.U. FIRE BARRIER TO DECK
4-HOUR C.M.U. FIRE BARRIER TO DECK
1-HOUR C.M.U. SMOKE BARRIER TO DECK
2-HOUR C.M.U. SMOKE BARRIER TO DECK
CAST-IN-PLACE CONC.
2-HOUR CONC. FIRE BARRIER
2-HOUR CONC. SMOKE BARRIER
4-HOUR CONC. FIRE BARRIER
4-HOUR CONC. SMOKE BARRIER

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 2	02/20/15
Revision 3	04/30/15
Revision 4	03-16-16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

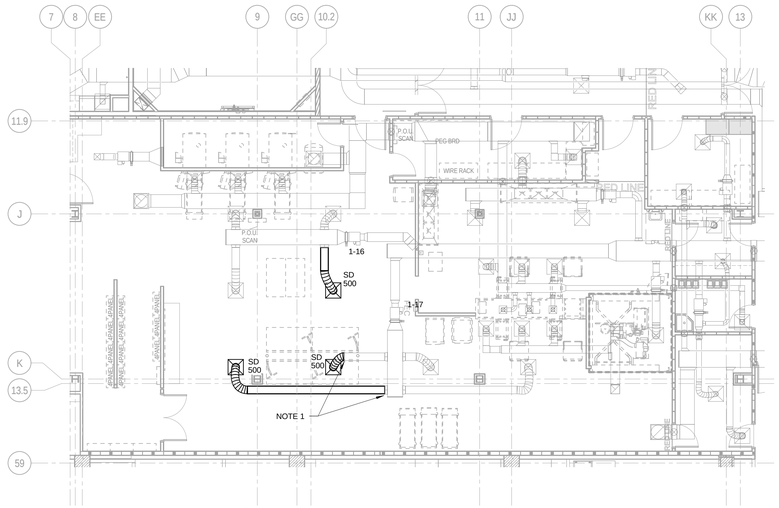
Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

Drawing Title

MECHANICAL PHASE VI-A & VI-B

Sheet Number
M1.06

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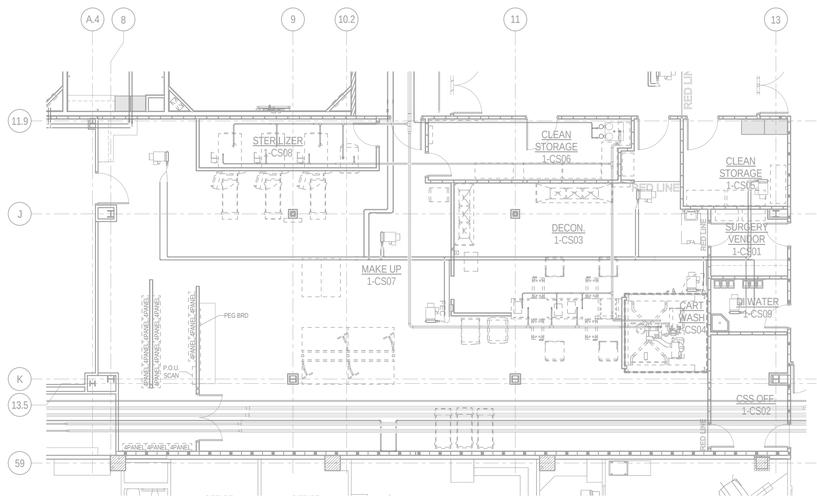
HVAC PLAN - PHASE VI-A - SPD

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

HVAC SHEET NOTE:

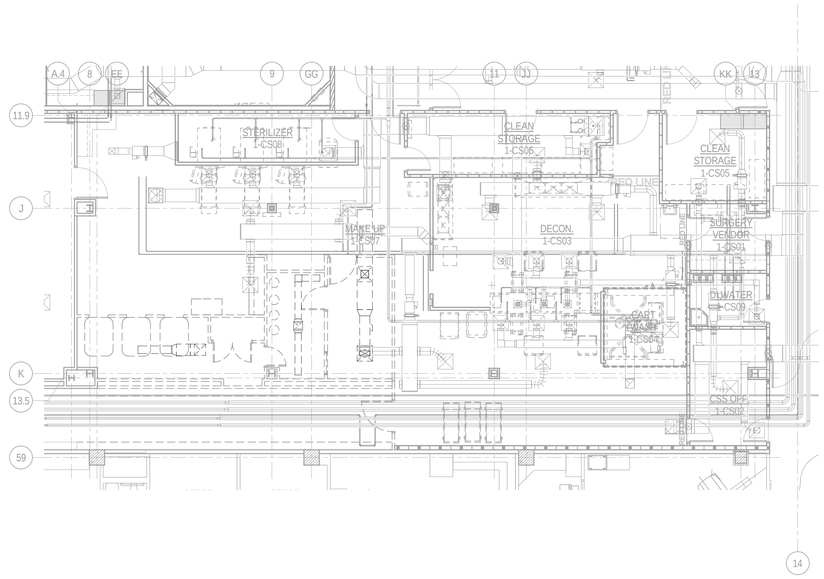
1. CONNECT TO 12"Ø STUBBED OUT FROM PHASE IV. SEE SHEET M1.04.1 FOR CONTINUATION.

	RTU-1	RTU-2	
SUPPLY AIR	26,500	27,175	
RETURN AIR	19,300	20,700	



PIPING PLAN - PHASE VI-A - SPD

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



MECH.DEMOLITION PLAN - PHASE VI-A - SPD

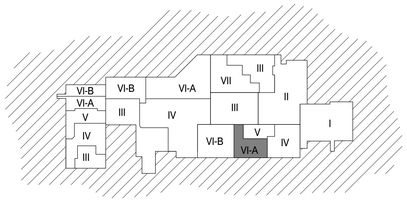
SCALE: 1/8" = 1'-0"

WALL LEGEND

	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
	EXISTING 1-HOUR SMOKE BARRIER
	EXISTING 1-HOUR RATED SHAFT WALL BARRIER
	EXISTING 2-HOUR FIRE BARRIER
	EXISTING 2-HOUR SMOKE BARRIER
	EXISTING 2-HOUR RATED SHAFT WALL BARRIER
	EXISTING NON-RATED C.M.U. PARTITION TO DECK
	EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING CAST-IN-PLACE CONC.
	EXISTING 2-HOUR CONC. FIRE BARRIER
	EXISTING 2-HOUR CONC. SMOKE BARRIER
	NON-RATED PARTITION TO 4" ABOVE CEILING
	NON-RATED PARTITION TO DECK
	SMOKE PARTITION TO DECK
	1-HOUR FIRE BARRIER
	1-HOUR SMOKE BARRIER
	1-HOUR RATED SHAFT WALL BARRIER
	2-HOUR FIRE BARRIER
	2-HOUR SMOKE BARRIER
	2-HOUR RATED SHAFT WALL BARRIER
	NON-RATED C.M.U. PARTITION TO DECK
	1-HOUR C.M.U. FIRE BARRIER TO DECK
	2-HOUR C.M.U. FIRE BARRIER TO DECK
	3-HOUR C.M.U. FIRE BARRIER TO DECK
	4-HOUR C.M.U. FIRE BARRIER TO DECK
	1-HOUR C.M.U. SMOKE BARRIER TO DECK
	2-HOUR C.M.U. SMOKE BARRIER TO DECK
	CAST-IN-PLACE CONC.
	2-HOUR CONC. FIRE BARRIER
	2-HOUR CONC. SMOKE BARRIER
	4-HOUR CONC. FIRE BARRIER
	4-HOUR CONC. SMOKE BARRIER

RSN: *1099872*
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RSN: *REV. TO RSN 966198*
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DOCUMENT CHANGES

Description	Date
Revision 4	03-16-16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

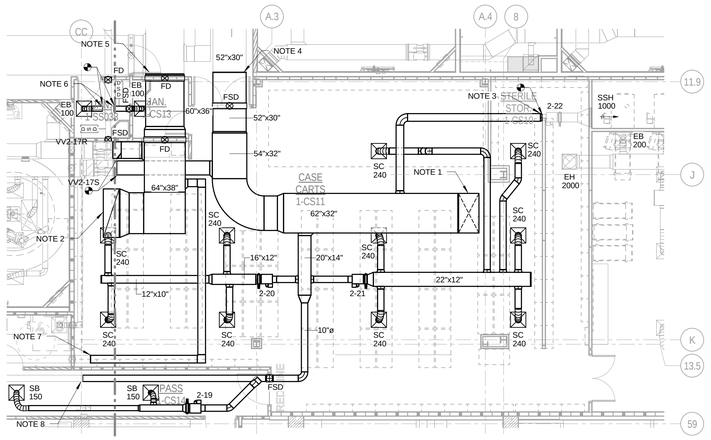
Drawing Title

MECHANICAL PLAN - PHASE VI-A - SPD

Sheet Number

M1.6A

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HVAC PLAN - PHASE VI-B - SPD

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

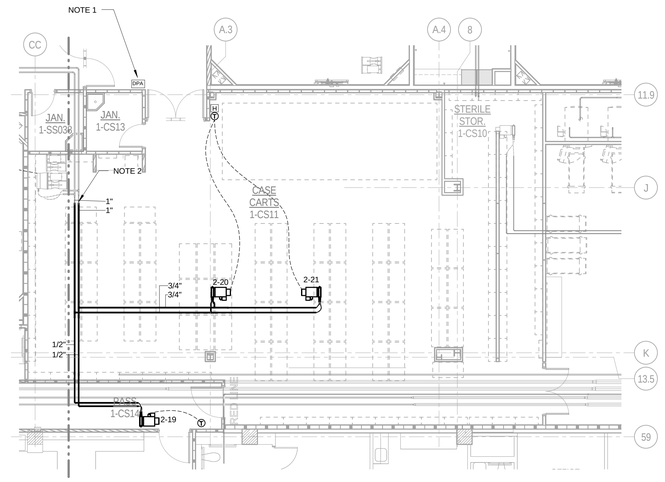
HVAC SHEET NOTES:

1. ROUTE 56"x30" SUPPLY DUCT UP TO RTU-2 ON ROOF.
2. ROUTE 60"x36" RETURN DUCT UP TO RTU-2 ON ROOF.
3. ROUTE 12"Ø SUPPLY DUCT TO VAV 2-22 INSTALLEDIN PHASE V. SEE SHEET M1.05 FOR CONTINUATION.
4. ROUTE 52"x30" SUPPLY DUCT TO STUBBED OUT 52"x30" DUCT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
5. ROUTE 60"x36" RETURN DUCT TO STUBBED OUT 60"x36" DUCT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
6. ROUTE 8"xS" EXHAUST DUCT FROM DIFFUSER TO STUB OUT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
7. ROUTE 12"x10" RETURN DUCT TO STUBBED OUT 12"x10" DUCT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
8. ROUTE 12"Ø SUPPLY DUCT TO STUBBED OUT 12"Ø DUCT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.

	RTU-1	RTU-2	
SUPPLY AIR	26,500	29,875	
RETURN AIR	19,300	20,700	

WALL LEGEND

	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
	EXISTING 1-HOUR SMOKE BARRIER
	EXISTING 1-HOUR RATED SHAFT WALL BARRIER
	EXISTING 2-HOUR FIRE BARRIER
	EXISTING 2-HOUR SMOKE BARRIER
	EXISTING 2-HOUR RATED SHAFT WALL BARRIER
	EXISTING NON-RATED C.M.U. PARTITION TO DECK
	EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING CAST-IN-PLACE CONC.
	EXISTING 2-HOUR CONC. FIRE BARRIER
	EXISTING 2-HOUR CONC. SMOKE BARRIER
	NON-RATED PARTITION TO 4" ABOVE CEILING
	NON-RATED PARTITION TO DECK
	SMOKE PARTITION TO DECK
	1-HOUR FIRE BARRIER
	1-HOUR SMOKE BARRIER
	1-HOUR RATED SHAFT WALL BARRIER
	2-HOUR FIRE BARRIER
	2-HOUR SMOKE BARRIER
	2-HOUR RATED SHAFT WALL BARRIER
	NON-RATED C.M.U. PARTITION TO DECK
	1-HOUR C.M.U. FIRE BARRIER TO DECK
	2-HOUR C.M.U. FIRE BARRIER TO DECK
	3-HOUR C.M.U. FIRE BARRIER TO DECK
	4-HOUR C.M.U. FIRE BARRIER TO DECK
	1-HOUR C.M.U. SMOKE BARRIER TO DECK
	2-HOUR C.M.U. SMOKE BARRIER TO DECK
	CAST-IN-PLACE CONC.
	2-HOUR CONC. FIRE BARRIER
	2-HOUR CONC. SMOKE BARRIER
	4-HOUR CONC. FIRE BARRIER
	4-HOUR CONC. SMOKE BARRIER

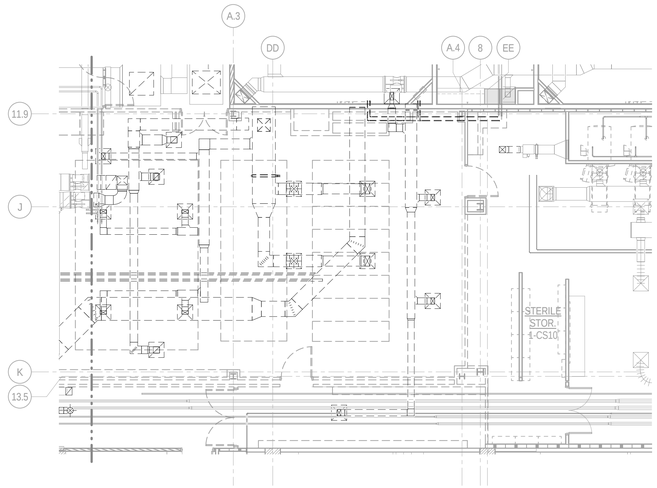


PIPING PLAN - PHASE VI-B - SPD

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

PIPING SHEET NOTES:

1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RPM-10 OUTSIDE EACH ROOM REQUIRING PRESSURE MONITORING AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM.
2. CONNECT TO EXISTING 1" HWS&R STUB OUT FROM PHASE IV. SEE M1.04 FOR CONTINUATION.

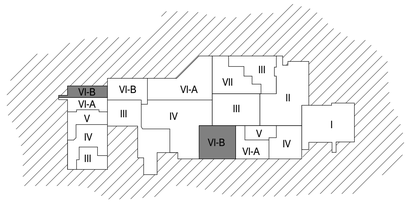


MECH.DEMOLITION PLAN - PHASE VI-B - SPD

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

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
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Approved as Noted: *Craig Macy*
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WORKING AREA - PHASED KEY PLAN

ICT
I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140389

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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 4	03-16-16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	
Issue Date	2014-12-30
Project No	14077.00
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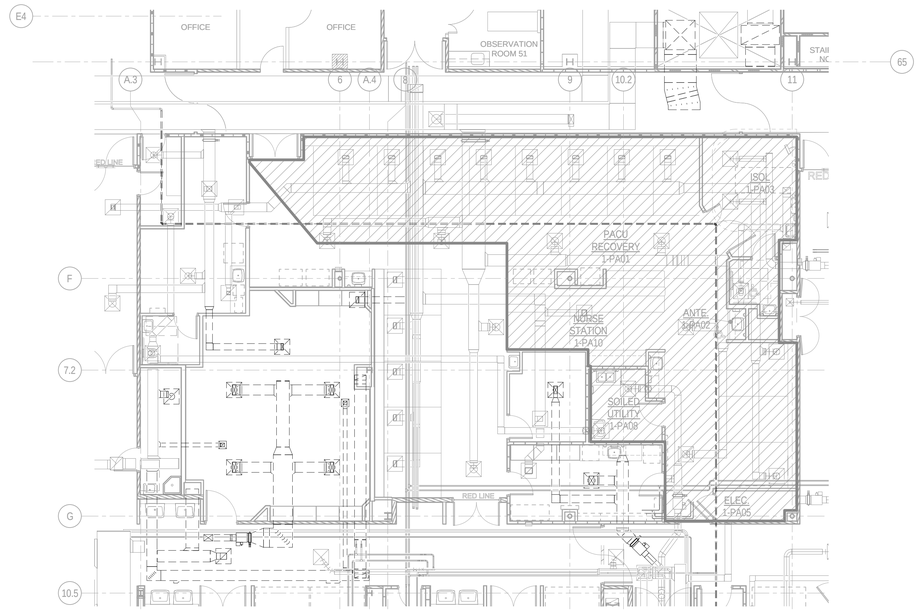
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MECHANICAL PHASE VI-B - SPD

Sheet Number

M1.6B

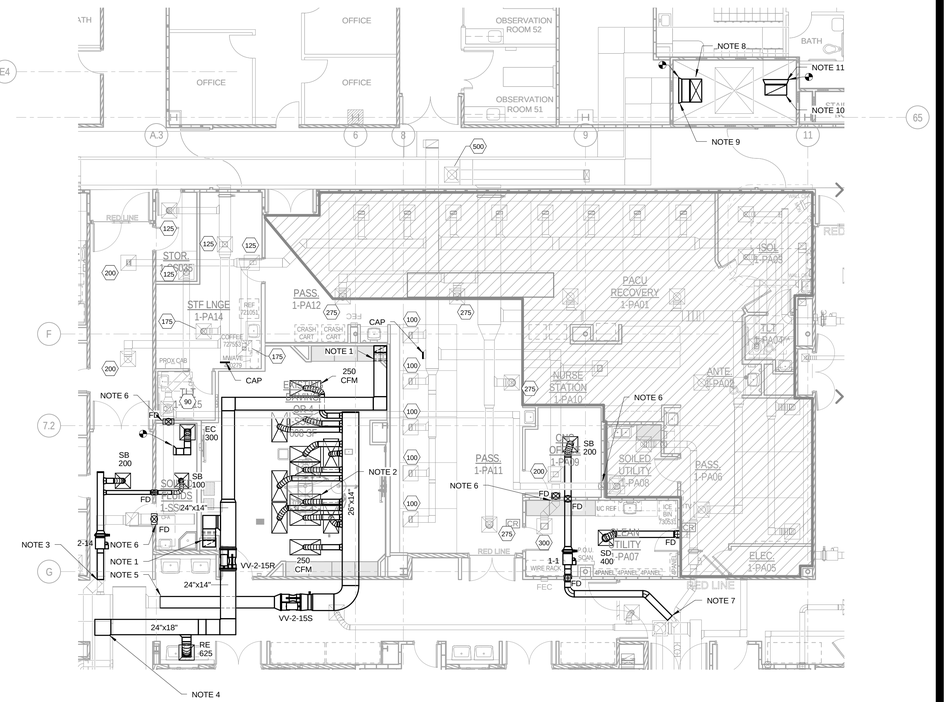
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MECH.DEMOLITION PLAN - PHASE VII-A - PACU & OR

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

DEMOLITION LEGEND
- EXISTING TO REMAIN
- EXISTING TO BE REMOVED



HVAC PLAN - PHASE VII-A - PACU & OR

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

HVAC NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

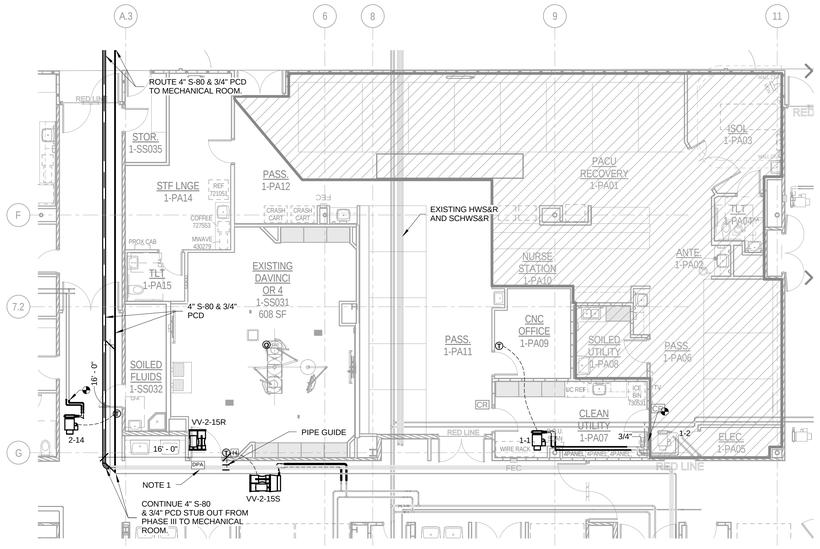
HVAC SHEET NOTES:

1. ROUTE 20"x10" RETURN DUCT DOWN IN CHASE TO 20"x30" RETURN GRILLE, TITUS MODEL 33RL, 12" AFF. BALANCE FOR 1150 CFM.
2. PROVIDE 48"x24" TITUS MODEL TLF LAMINAR FLOW SUPPLY DIFFUSER WITH 10" INLET CONNECTION. BALANCE FOR 200 CFM, EXCEPT WHERE NOTED OTHERWISE.
3. CONNECT TO 10" SUPPLY DUCT STUB OUT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
4. CONNECT TO 24"x18" RETURN DUCT STUB OUT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
5. CONNECT TO 18"x12" SUPPLY DUCT STUB OUT FROM PHASE IV. SEE SHEET M1.04 FOR CONTINUATION.
6. INSTALL FIRE DAMPER IN EXISTING DUCTWORK IF ONE IS NOT EXISTING.
7. CONNECT TO 10"Ø SUPPLY DUCT LEFT FROM DEMO OF VAV BOX 1-35. SEE SHEET M1.03 FOR CONTINUATION.
8. ROUTE 36"x18" SUPPLY DUCT DOWN FROM ROOF ABOVE. SEE SHEET M2.07 FOR CONTINUATION.
9. CONNECT NEW 36"x18" SUPPLY DUCT TO EXISTING 40"x28" SUPPLY DUCT IN CHASE.
10. ROUTE 34"x16" RETURN DUCT UP TO ROOF ABOVE. SEE SHEET M2.07 FOR CONTINUATION.
11. CONNECT NEW 34"x16" RETURN DUCT TO EXISTING 40"x28" RETURN DUCT IN CHASE.

	RTU-1	RTU-2	
SUPPLY AIR	26,650	31,175	
RETURN AIR	19,300	23,625	

WALL LEGEND

	EXISTING NON-RATED PARTITION TO 4" ABOVE CEILING
	EXISTING NON-RATED PARTITION TO DECK
	EXISTING SMOKE PARTITION TO DECK
	EXISTING 1-HOUR FIRE BARRIER
	EXISTING 1-HOUR SMOKE BARRIER
	EXISTING 1-HOUR RATED SHAFT WALL BARRIER
	EXISTING 2-HOUR FIRE BARRIER
	EXISTING 2-HOUR SMOKE BARRIER
	EXISTING 2-HOUR RATED SHAFT WALL BARRIER
	EXISTING NON-RATED C.M.U. PARTITION TO DECK
	EXISTING 1-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 3-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 4-HOUR C.M.U. FIRE BARRIER TO DECK
	EXISTING 1-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING 2-HOUR C.M.U. SMOKE BARRIER TO DECK
	EXISTING CAST-IN-PLACE CONC.
	EXISTING 2-HOUR CONC. FIRE BARRIER
	EXISTING 2-HOUR CONC. SMOKE BARRIER
	NON-RATED PARTITION TO 4" ABOVE CEILING
	NON-RATED PARTITION TO DECK
	SMOKE PARTITION TO DECK
	1-HOUR FIRE BARRIER
	1-HOUR SMOKE BARRIER
	1-HOUR RATED SHAFT WALL BARRIER
	2-HOUR FIRE BARRIER
	2-HOUR SMOKE BARRIER
	2-HOUR RATED SHAFT WALL BARRIER
	NON-RATED C.M.U. PARTITION TO DECK
	1-HOUR C.M.U. FIRE BARRIER TO DECK
	2-HOUR C.M.U. FIRE BARRIER TO DECK
	3-HOUR C.M.U. FIRE BARRIER TO DECK
	4-HOUR C.M.U. FIRE BARRIER TO DECK
	1-HOUR C.M.U. SMOKE BARRIER TO DECK
	2-HOUR C.M.U. SMOKE BARRIER TO DECK
	CAST-IN-PLACE CONC.
	2-HOUR CONC. FIRE BARRIER
	2-HOUR CONC. SMOKE BARRIER
	4-HOUR CONC. FIRE BARRIER
	4-HOUR CONC. SMOKE BARRIER



PIPING PLAN - PHASE VII-A - PACU & OR

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

PIPING SHEET NOTES:

1. PROVIDE DIFFERENTIAL PRESSURE ALARM SYSTEM EQUAL TO TSI MODEL RP-30 OUTSIDE EACH ISOLATION ROOM AND AS INDICATED ON THE PLANS. PROVIDE UNIT WITH AUDIO AND VISUAL ALARM PANEL AT EACH ROOM COMPLETE WITH A THRU-THE-WALL PRESSURE SENSOR, DISPLAY MODULE AND TRANSFORMER. PROVIDE BACNET INTERFACE WITH THE EXISTING CONTROL SYSTEM

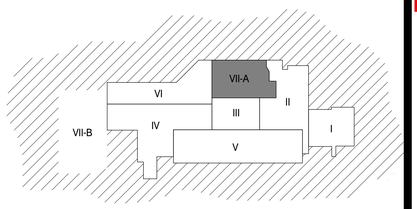
GENERAL PIPING NOTES:

A. PIPING SHOWN ON PLANS SHOWS APPROXIMATE ROUTING. COORDINATE WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. CIRCUIT SETTERS ARE TO BE INSTALLED IN HOT WATER RETURN PIPES. ALL COILS ARE TO BE PIPED SO WATER ENTERS LEAVING AIR SIDE OF COIL.
B. PROVIDE SHUT-OFF VALVES AT ALL BRANCH CONNECTIONS.

PIPING NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC



WORKING AREA - PHASED KEY PLAN

ICT
I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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Project No	14077.00
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Drawing Title

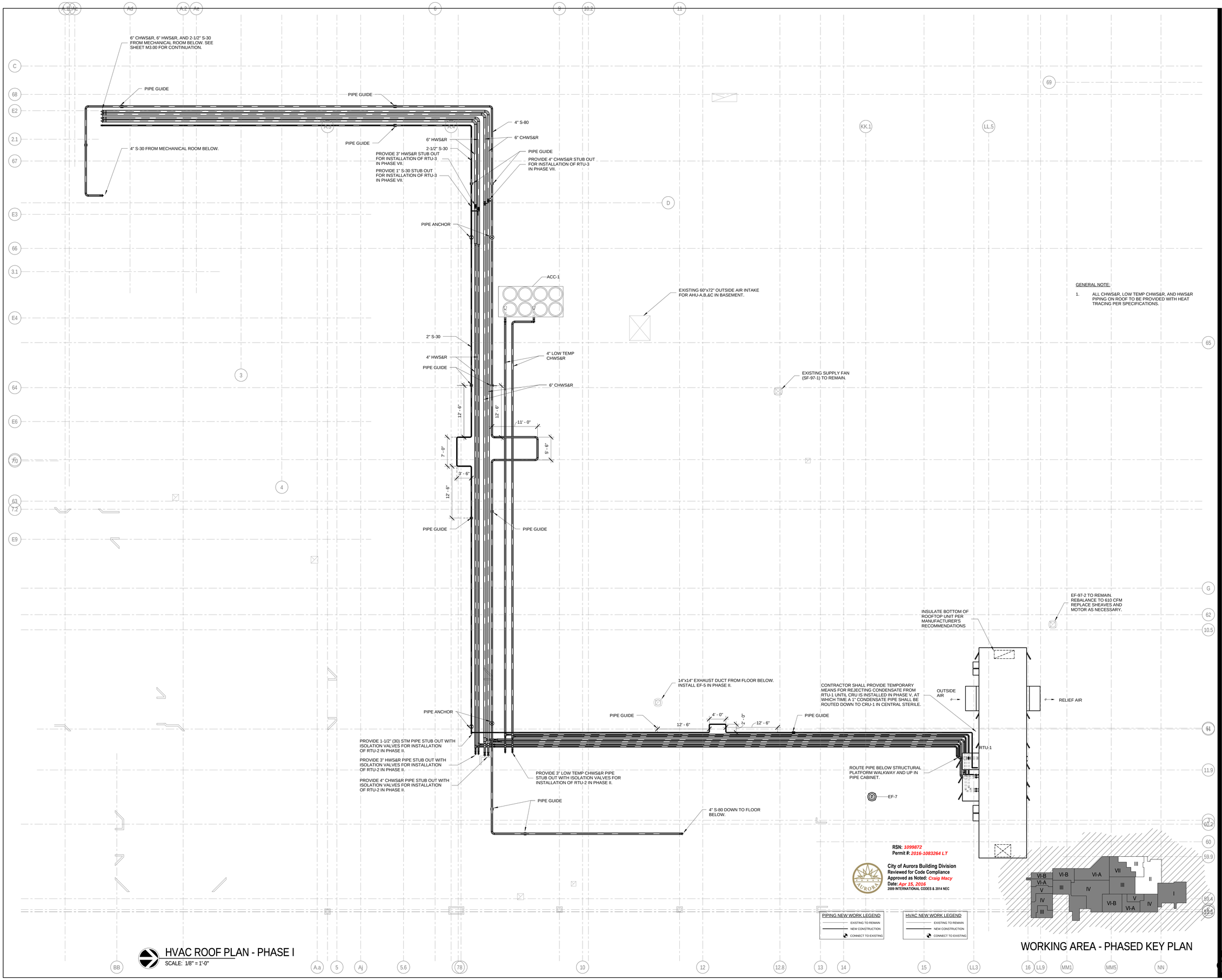
MECHANICAL PHASE VII-A - PACU & OR

Sheet Number

M1.07A

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HVAC ROOF PLAN - PHASE I

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

WORKING AREA - PHASED KEY PLAN

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CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
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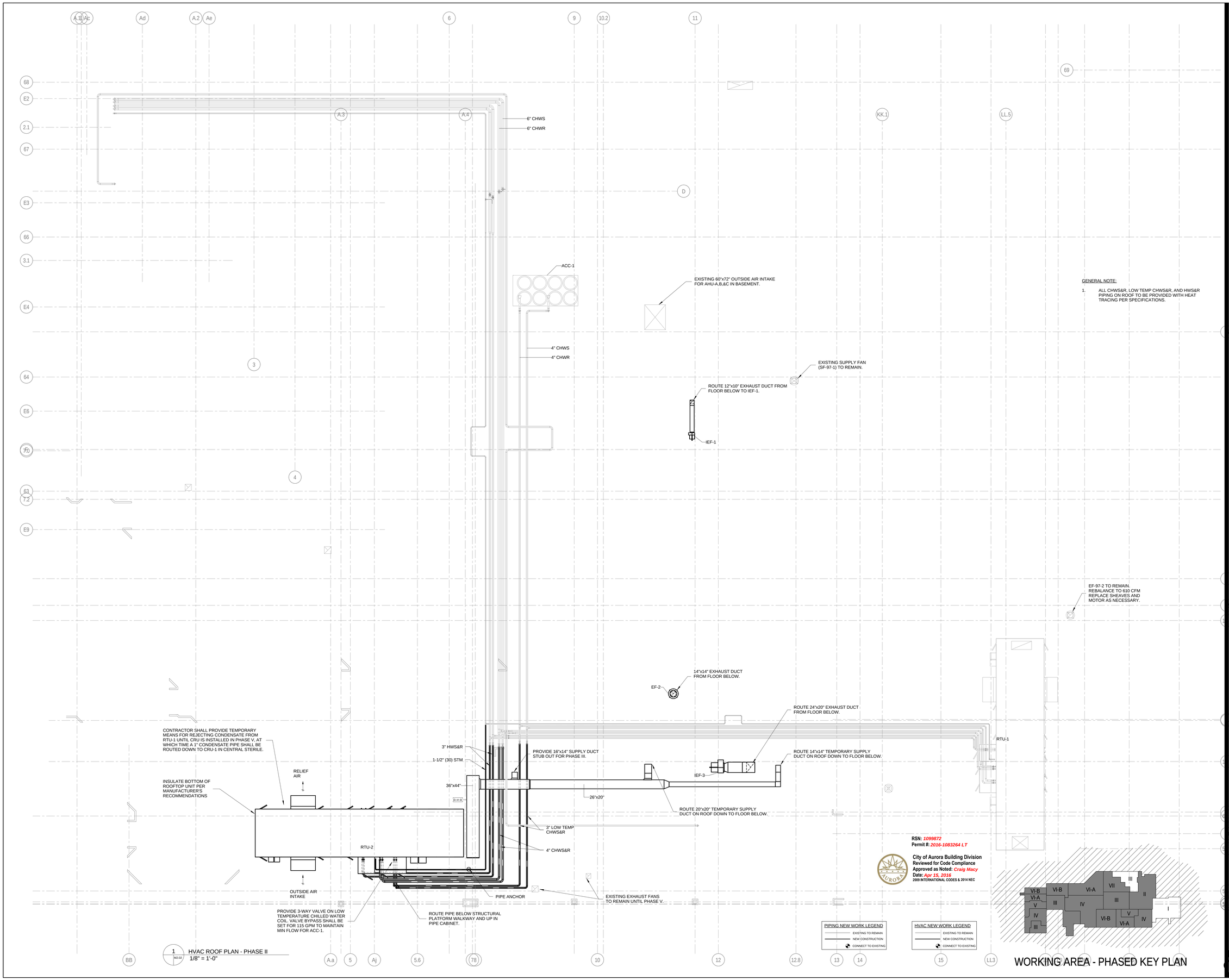
Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

Drawing Title

MECHANICAL ROOF PLAN - PHASE I

Sheet Number
M2.01

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1 M2.02 HVAC ROOF PLAN - PHASE II
1/8" = 1'-0"

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CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140389

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COLORADO LICENSED
MARK A. BRADLEY
39825
3/16/16
PROFESSIONAL ENGINEER

THE MEDICAL CENTER OF AURORA RENOVATIONS

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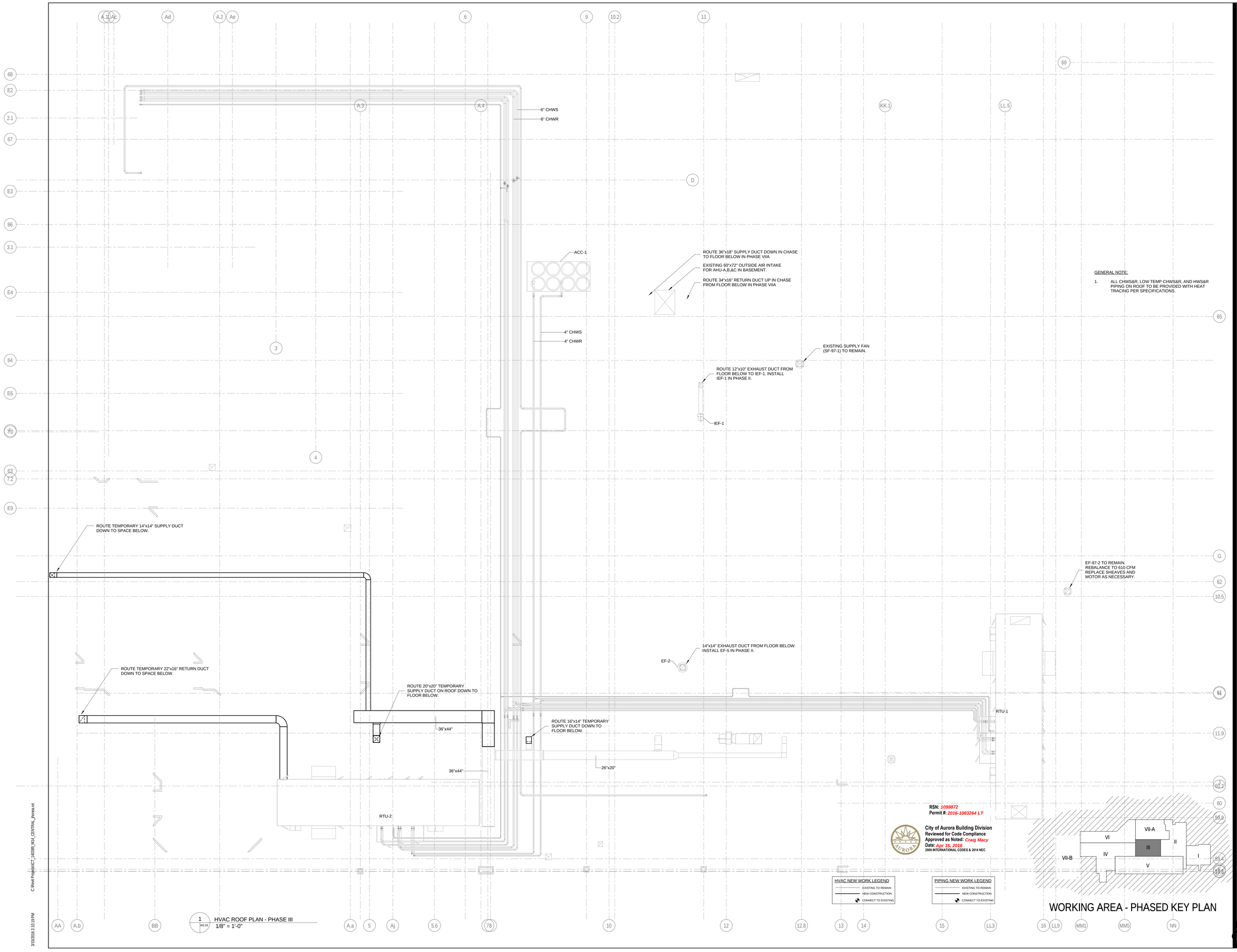
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Project No	14077.00
Drawn By	Author
Checked By	Checker

Drawing Title

MECHANICAL ROOF PLAN PHASE II

Sheet Number
M2.02
4

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PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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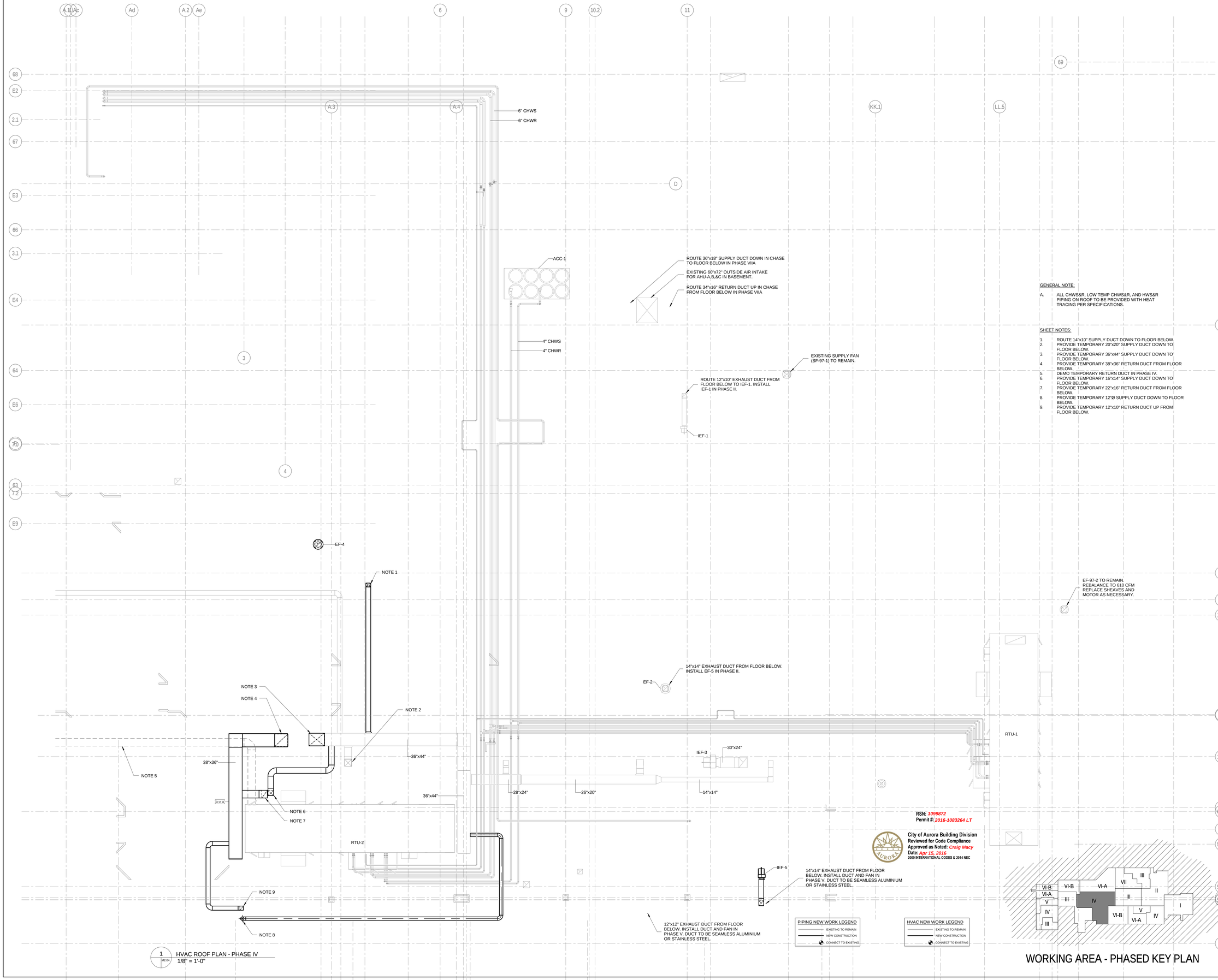
Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By	Author
Checked By	Checker

Drawing Title

MECHANICAL ROOF PLAN PHASE III

Sheet Number
M2.03
4

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1 M2.04 HVAC ROOF PLAN - PHASE IV
1/8" = 1'-0"

GENERAL NOTE:

A. ALL CHWS&R, LOW TEMP CHWS&R, AND HWS&R PIPING ON ROOF TO BE PROVIDED WITH HEAT TRACING PER SPECIFICATIONS.

SHEET NOTES:

1. ROUTE 14"x10" SUPPLY DUCT DOWN TO FLOOR BELOW.
2. PROVIDE TEMPORARY 20"x20" SUPPLY DUCT DOWN TO FLOOR BELOW.
3. PROVIDE TEMPORARY 36"x44" SUPPLY DUCT DOWN TO FLOOR BELOW.
4. PROVIDE TEMPORARY 38"x36" RETURN DUCT FROM FLOOR BELOW.
5. DEMO TEMPORARY RETURN DUCT IN PHASE IV.
6. PROVIDE TEMPORARY 16"x14" SUPPLY DUCT DOWN TO FLOOR BELOW.
7. PROVIDE TEMPORARY 22"x16" RETURN DUCT FROM FLOOR BELOW.
8. PROVIDE TEMPORARY 12"Ø SUPPLY DUCT DOWN TO FLOOR BELOW.
9. PROVIDE TEMPORARY 12"x10" RETURN DUCT UP FROM FLOOR BELOW.

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I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
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FAX (615) 346-3550
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Project No	14077.00
Drawn By / Checked By	Author / Checker

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MECHANICAL ROOF PLAN PHASE IV

Sheet Number
M2.04
4

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6" CHWS
6" CHWR
ACC-1
EXISTING 60"x72" OUTSIDE AIR INTAKE FOR AHU-A,B,&C IN BASEMENT.
4" CHWS
4" CHWR
EXISTING SUPPLY FAN (SF-97-1) TO REMAIN.
ROUTE 12"x10" EXHAUST DUCT FROM FLOOR BELOW TO IEF-1. INSTALL IEF-1 IN PHASE II.
IEF-1
EF-97-2 TO REMAIN. REBALANCE TO 610 CFM. REPLACE SHEAVES AND MOTOR AS NECESSARY.
14"x14" EXHAUST DUCT FROM FLOOR BELOW. INSTALL EF-5 IN PHASE II.
EF-2
NOTE 1
RTU-1
36"x44"
RTU-2
IEF-5

SHEET NOTES:

1. PROVIDE A TEMPORARY 10"x10" SUPPLY DUCT DOWN TO SPACE BELOW. SEE SHEET M1.05 FOR CONTINUATION.

GENERAL NOTE:

A. ALL CHWS&R, LOW TEMP CHWS&R, AND HWS&R PIPING ON ROOF TO BE PROVIDED WITH HEAT TRACING PER SPECIFICATIONS.

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City of Aurora Building Division
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PIPING NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

HVAC NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

1 M2.05 HVAC ROOF PLAN - PHASE V
1/8" = 1'-0"

WORKING AREA - PHASED KEY PLAN

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I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140389

Seals

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39825
PROFESSIONAL ENGINEER
3/16/16

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Drawing Title

MECHANICAL ROOF PLAN PHASE V

Sheet Number
M2.05

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NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
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Drawing Title

MECHANICAL ROOF PLAN PHASE VI

Sheet Number
M2.06

6" CHWS
6" CHWR
4" CHWS
4" CHWR
ACC-1
EXISTING 60"x72" OUTSIDE AIR INTAKE FOR AHU-A,B,&C IN BASEMENT.
EXISTING SUPPLY FAN (SF-97-1) TO REMAIN.
IEF-1
EF-6
EF-2
EF-97-2 TO REMAIN. REBALANCE TO 610 CFM REPLACE SHEAVES AND MOTOR AS NECESSARY.
RTU-1
RTU-2
36"x44"
IEF-5

GENERAL NOTE:

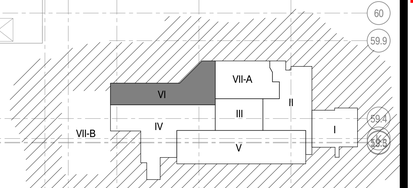
1. ALL CHWS&R, LOW TEMP CHWS&R, AND HWS&R PIPING ON ROOF TO BE PROVIDED WITH HEAT TRACING PER SPECIFICATIONS.

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PIPING NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING

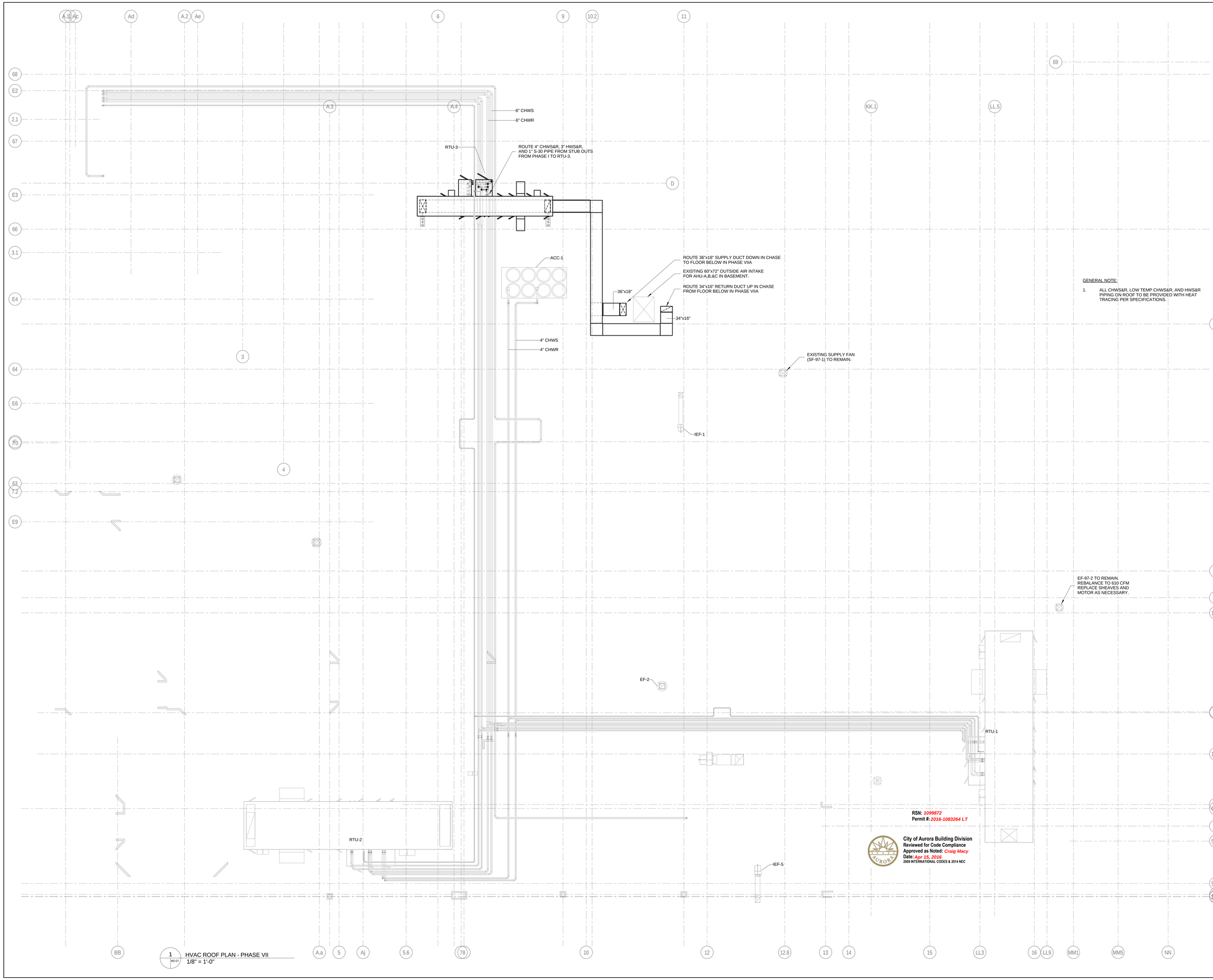
HVAC NEW WORK LEGEND
- EXISTING TO REMAIN
- NEW CONSTRUCTION
- CONNECT TO EXISTING



WORKING AREA - PHASED KEY PLAN

1 M2.06 HVAC ROOF PLAN - PHASE VI
1/8" = 1'-0"

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GENERAL NOTE:

1. ALL CHWS&R, LOW TEMP CHWS&R, AND HWS&R PIPING ON ROOF TO BE PROVIDED WITH HEAT TRACING PER SPECIFICATIONS.

1 M2.07 HVAC ROOF PLAN - PHASE VII
1/8" = 1'-0"

I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
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MECHANICAL ROOF PLAN PHASE VII

Sheet Number
M2.07
4

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PHASE III
SHEET P2.03

PHASE VII
SHEET P2.07A

PHASE VI-B
SHEET P2.06

PHASE VI-A
SHEET P2.06

PHASE III
SHEET P2.03

PHASE II
SHEET P2.02

PHASE IV
SHEET P2.04

PHASE III
SHEET P2.03.1

PHASE III,IV, V,
VI-A, & VI-B
SHEET P2.07B

PHASE I
SHEET P2.01

PHASE VI-B
SHEET P2.06B

PHASE V
SHEET P2.05

PHASE IV
SHEET P2.04.1

PHASE VI-A
SHEET P2.06A

1 1ST FLOOR PLUMBING ORIENTATION PLAN
SCALE: 3/32" = 1'-0"

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
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A B
FIRST FLOOR KEY PLAN

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CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140316

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RONALD LUCKETT 39625 3/16/16 PROFESSIONAL ENGINEER

THE MEDICAL CENTER OF AURORA RENOVATIONS

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Checked By	DWH

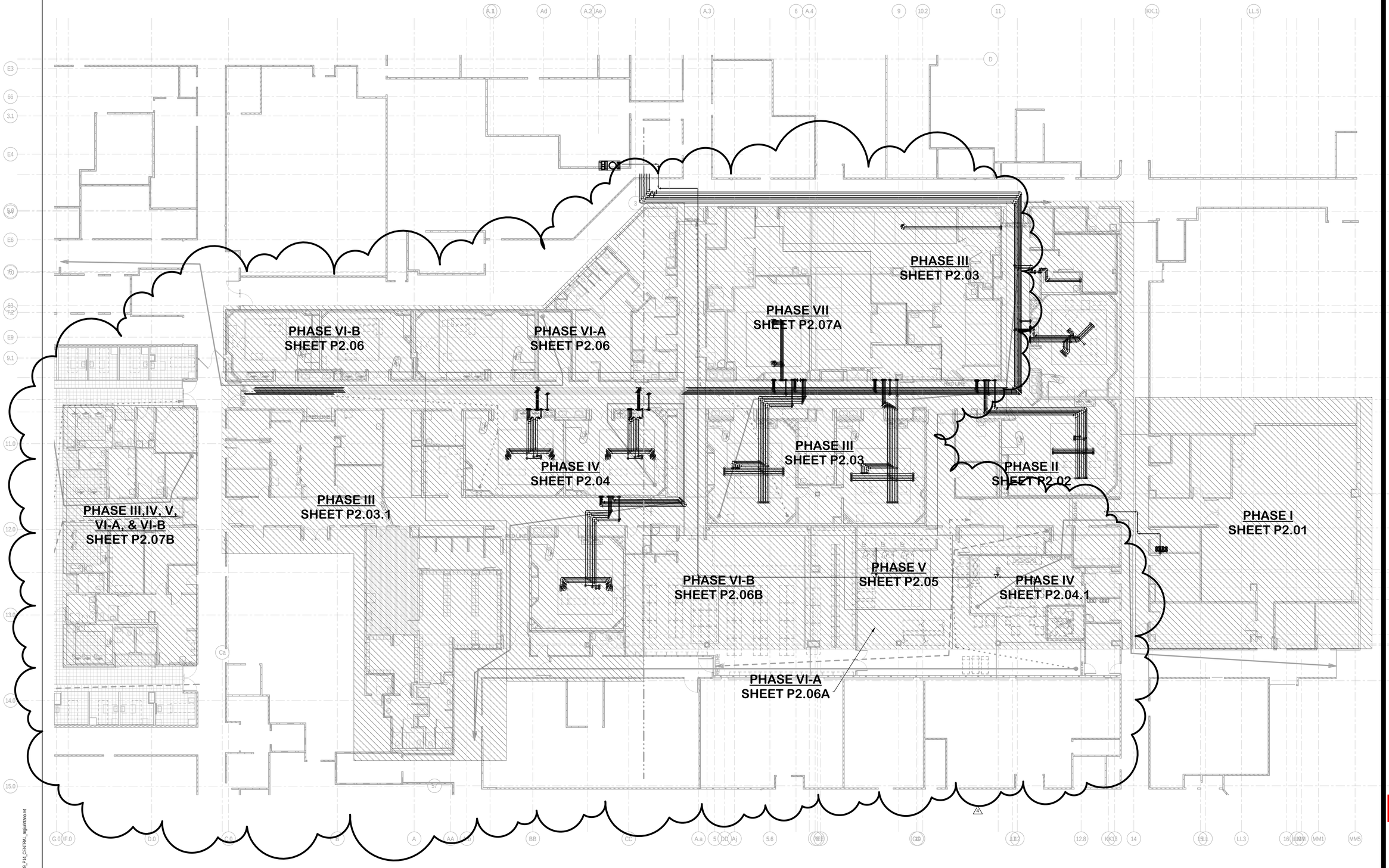
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PLUMBING ORIENTATION PLAN

Sheet Number

P1.00

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1 1ST FLOOR MEDICAL GAS ORIENTATION PLAN
SCALE: 3/32" = 1'-0"

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2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 3	05/12/15
Revision 4	3/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By CADD	Checked By DWH

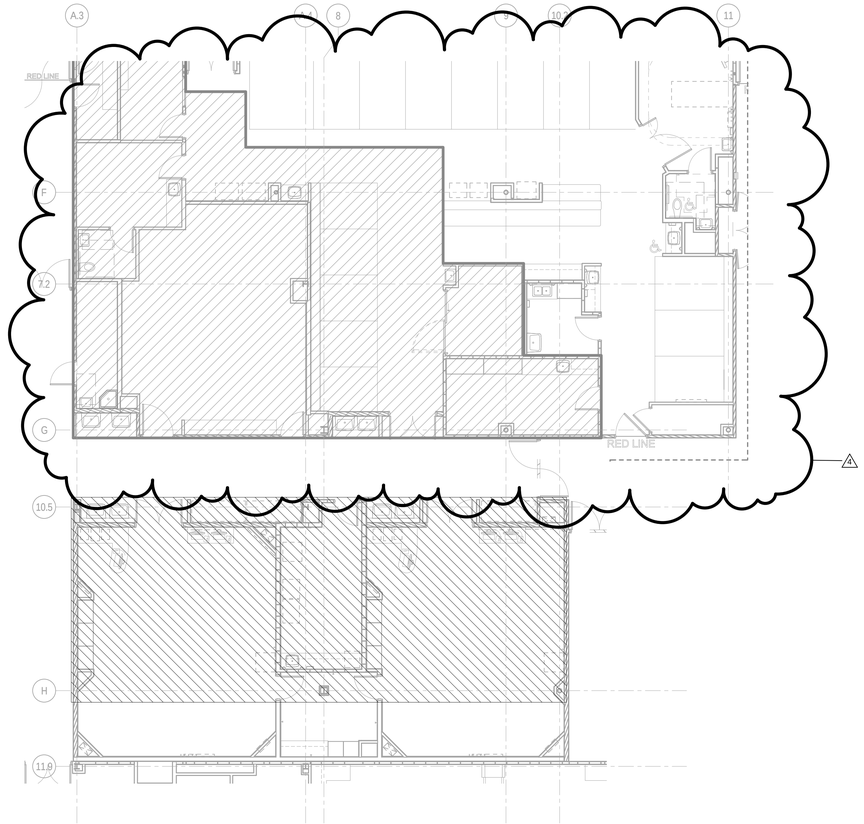
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MEDICAL GAS ORIENTATION PLAN

Sheet Number

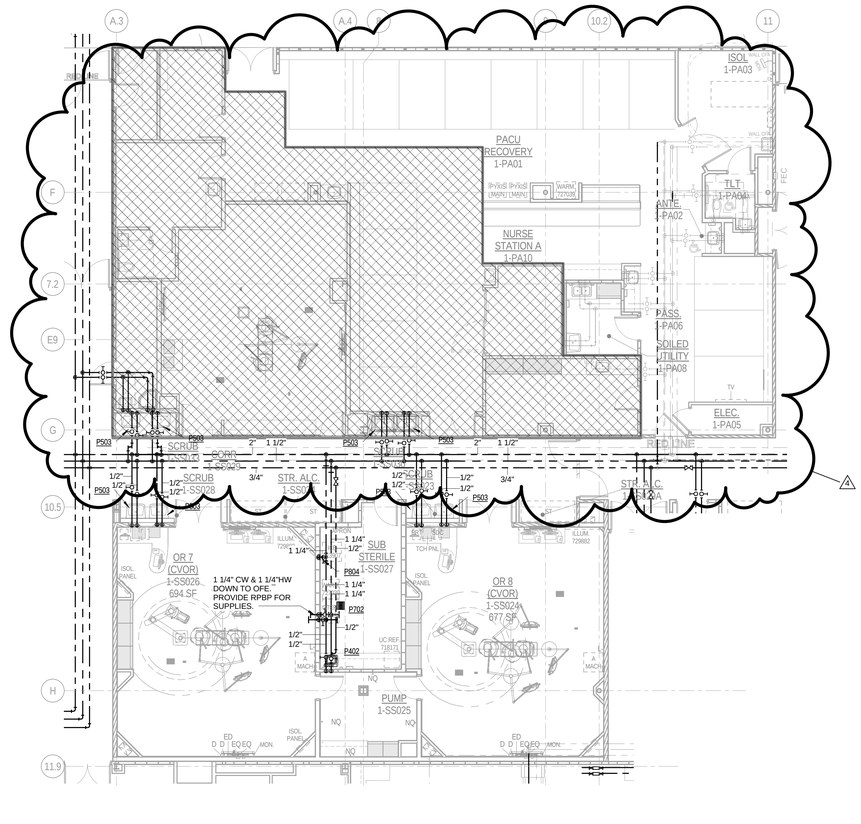
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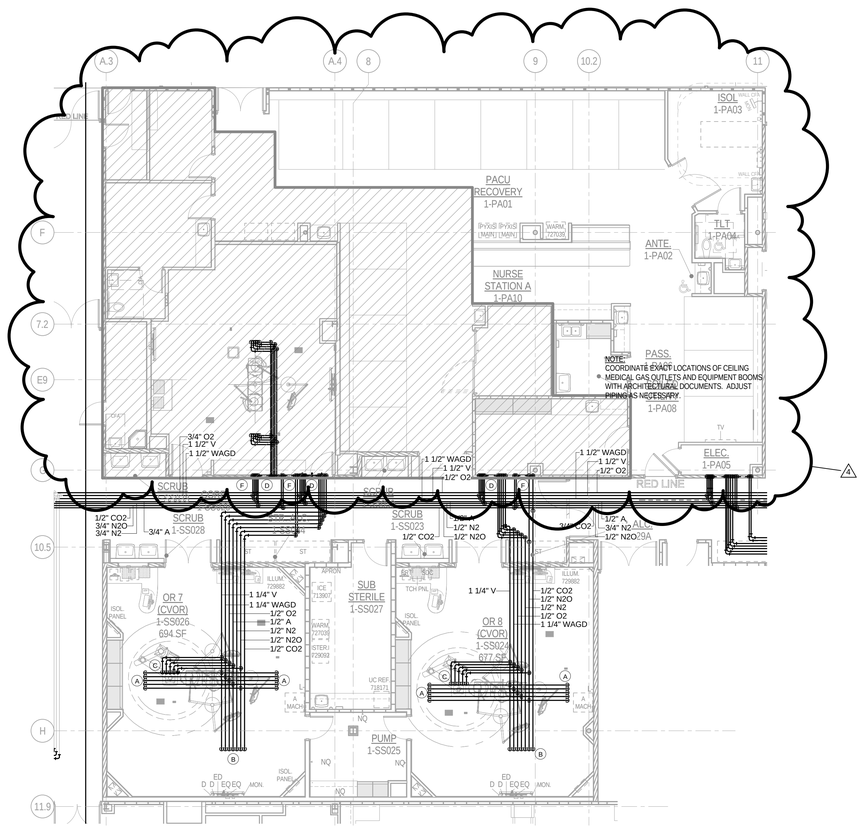
PLUMBING DEMOLITION PLAN - PHASE III-PACU & OR'S

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



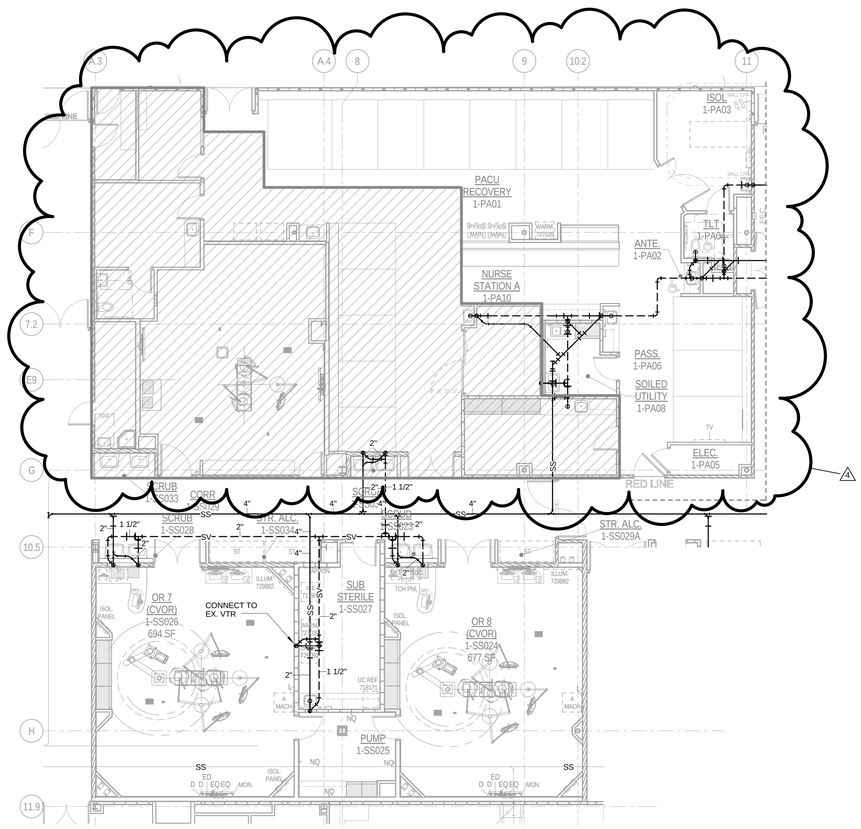
PLUMBING PLAN - PHASE III-PACU & OR'S

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



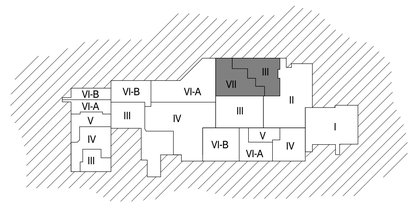
MED GAS/FIRE PROTECTION PLAN - PHASE III-PACU & OR'S

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



PLUMBING UNDERGROUND PLAN - PHASE III-PACU & OR'S

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



WORKING AREA - PHASED KEY PLAN

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I.C. Thomasson Associates, Inc.
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Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
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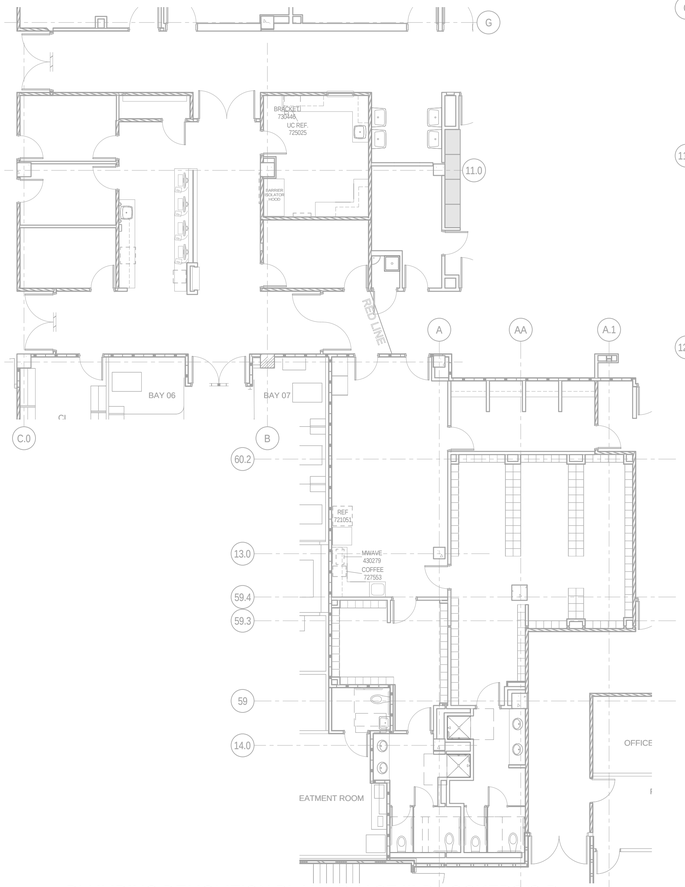
PLUMBING PHASE III-PACU & OR'S

Sheet Number

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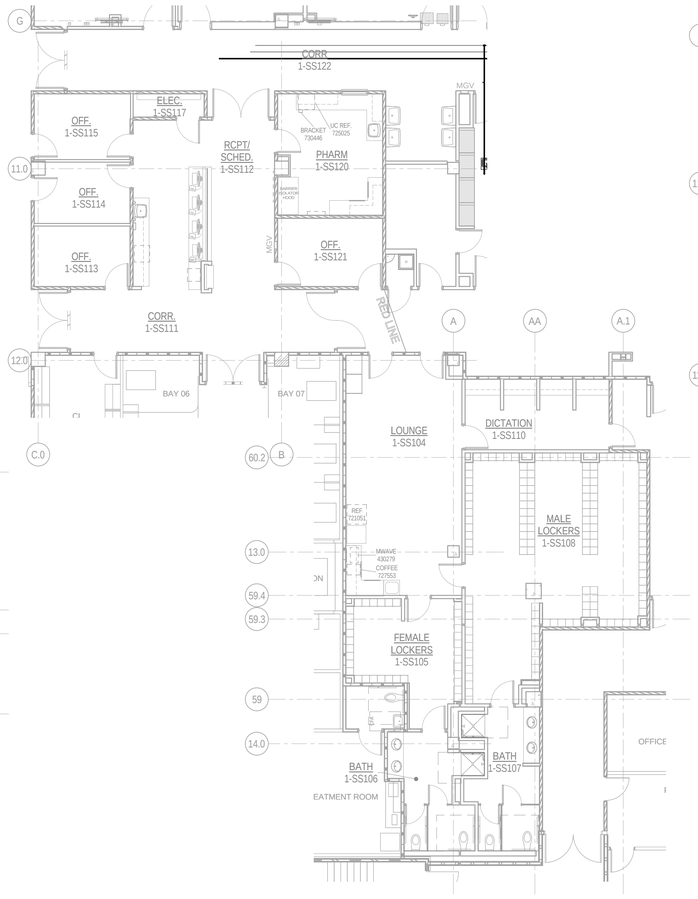
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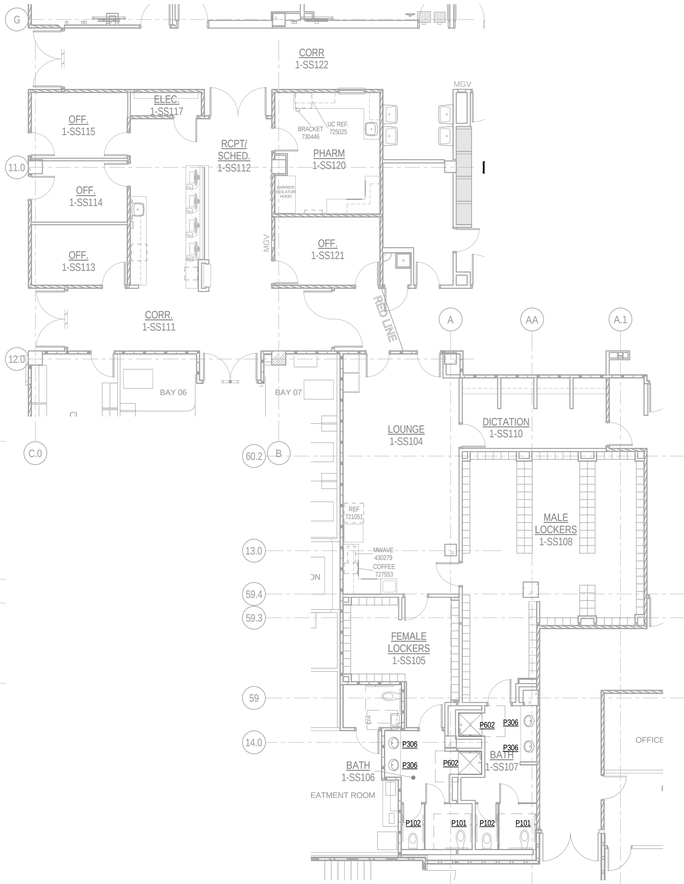
PLUMBING DEMOLITION PLAN - PHASE III-B LOCKERS/O.R. CONTROL

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



PLUMBING PLAN - PHASE III-B LOCKERS/O.R. CONTROL

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

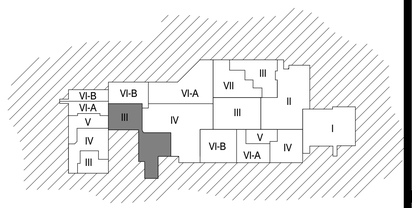


SANITARY PLAN - PHASE III-B LOCKERS/O.R. CONTROL

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

RSN: *1099872*
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Drawn By: Author	Checked By: Checker

Drawing Title

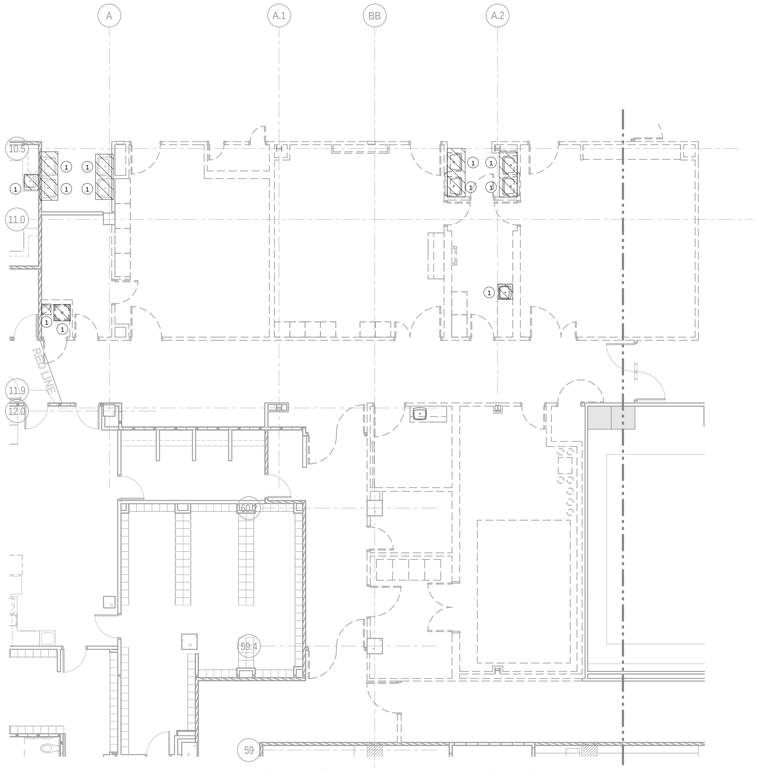
PLUMBING PLAN - PHASE III-B LOCKERS/O.R. CONTROL

Sheet Number

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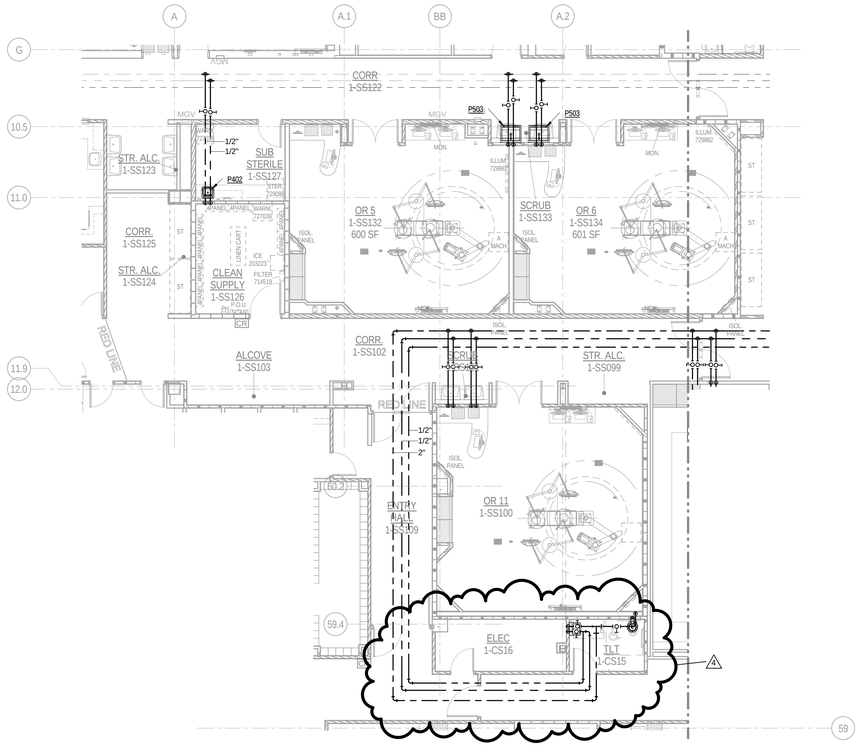
PLUMBING DEMOLITION PLAN - PHASE IV-OR'S

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

DEMOLITION NOTES:

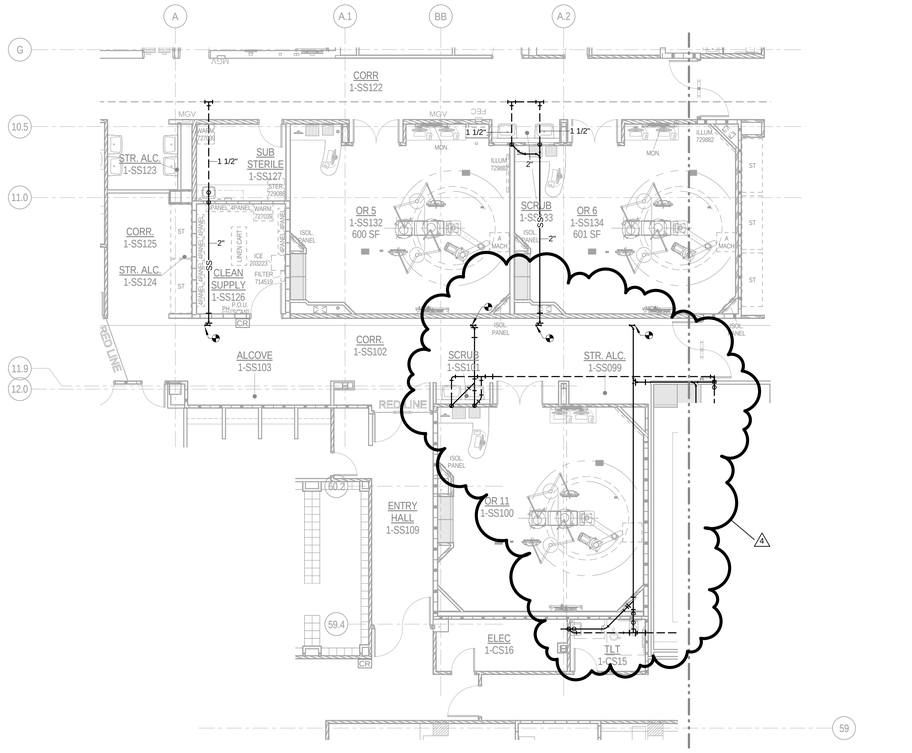
1. REMOVE EXISTING PLUMBING FIXTURE AND ASSOCIATED PIPING. PIPING TO BE REMOVED BACK TO THE MAINS TO AVOID DEAD-LEGS.

2. REMOVE EXISTING PLUMBING FIXTURE. EXISTING ROUGH-IN TO REMAIN FOR CONNECTION TO NEW FIXTURE.



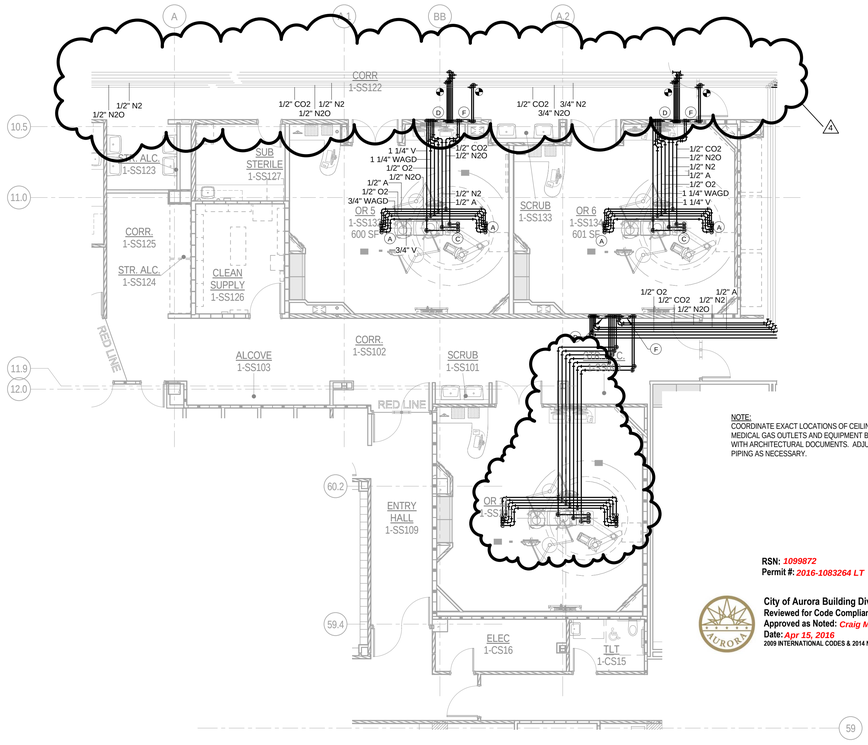
PLUMBING PLAN - PHASE IV-OR'S

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



PLUMBING UNDERGROUND PLAN - PHASE IV-OR'S

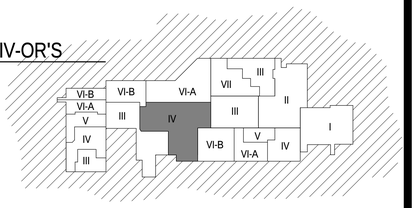
SCALE: 1/8" = 1'-0"



NOTE:
COORDINATE EXACT LOCATIONS OF CEILING MEDICAL GAS OUTLETS AND EQUIPMENT BOOMS WITH ARCHITECTURAL DOCUMENTS. ADJUST PIPING AS NECESSARY.

MED GAS/FIRE PROTECTION PLAN - PHASE IV-OR'S

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



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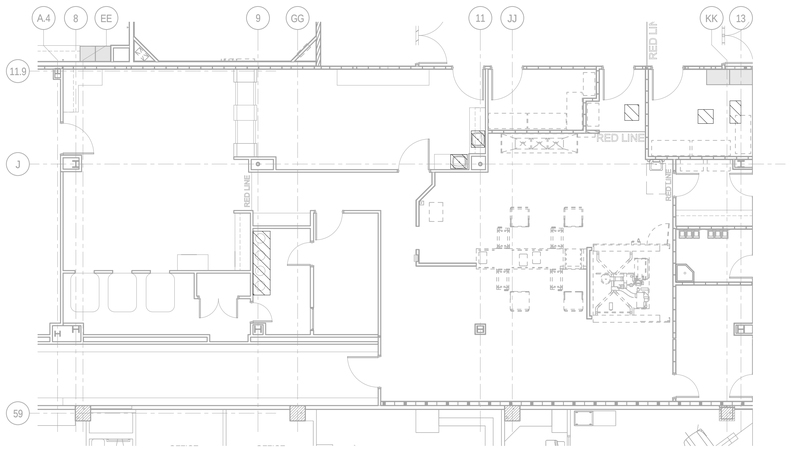
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PLUMBING PHASE IV-OR'S

Sheet Number

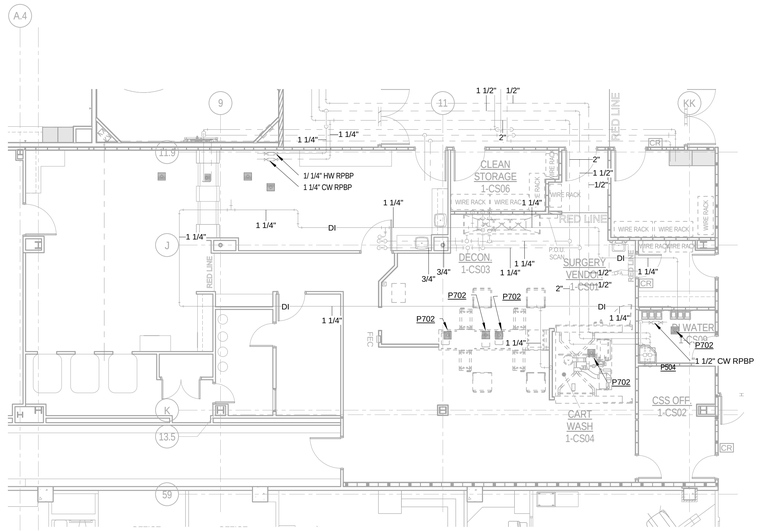
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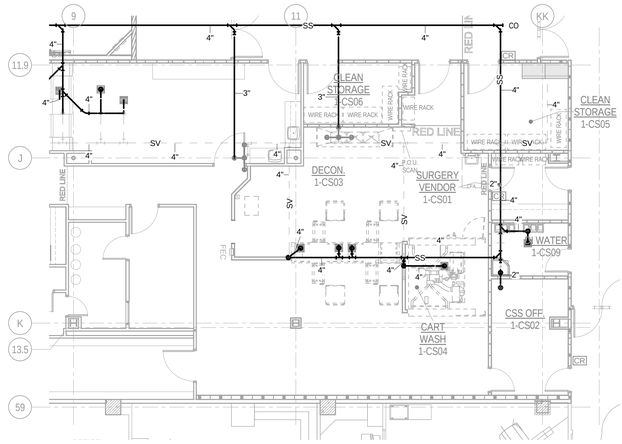
PLUMBING DEMOLITION PLAN - PHASE IV - SPD

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



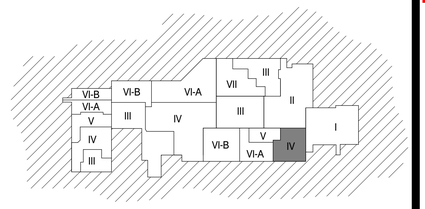
PLUMBING PLAN - PHASE IV - SPD

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



SANITARY PLAN - PHASE IV - SPD

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



WORKING AREA - PHASED KEY PLAN

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CONSULTING ENGINEERS
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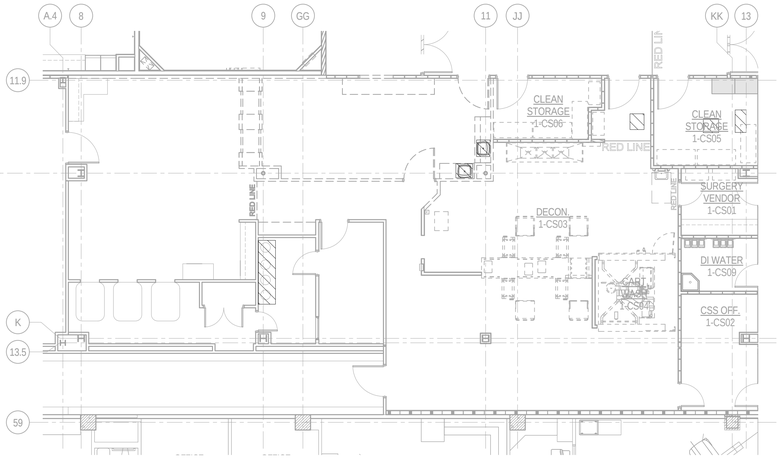
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PLUMBING PLAN
PHASE IV SPD

Sheet Number

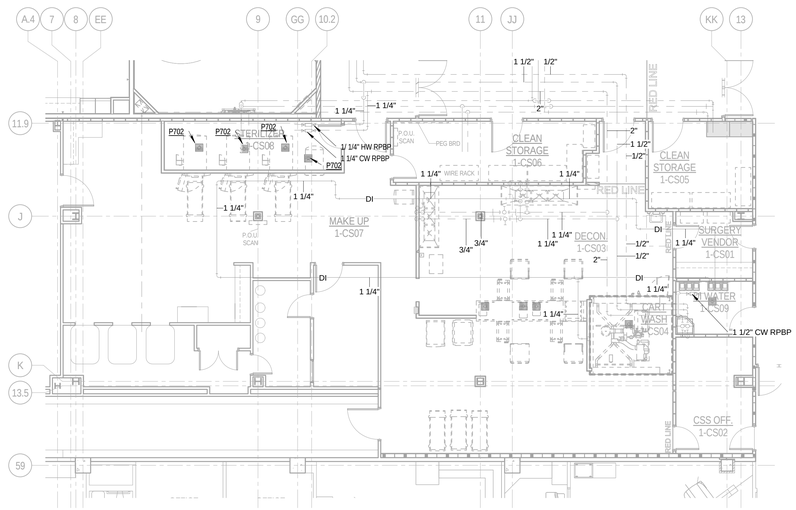
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PLUMBING DEMOLITION PLAN - PHASE V - SPD

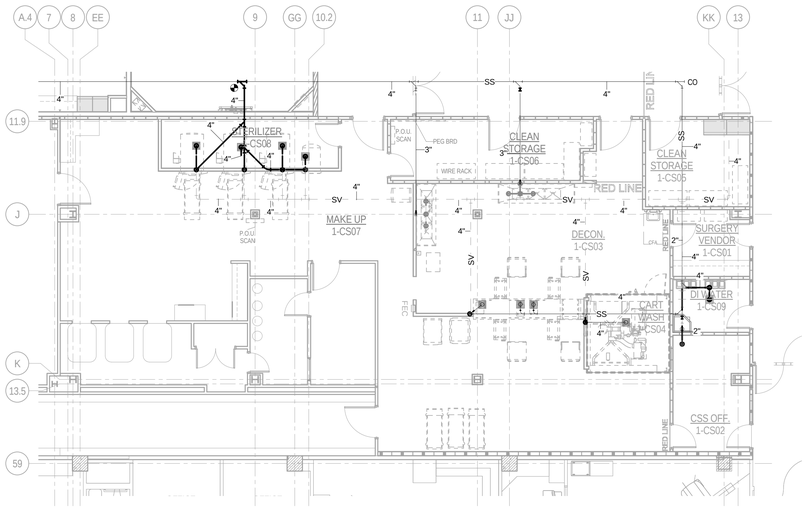
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PLUMBING PLAN - PHASE V - SPD

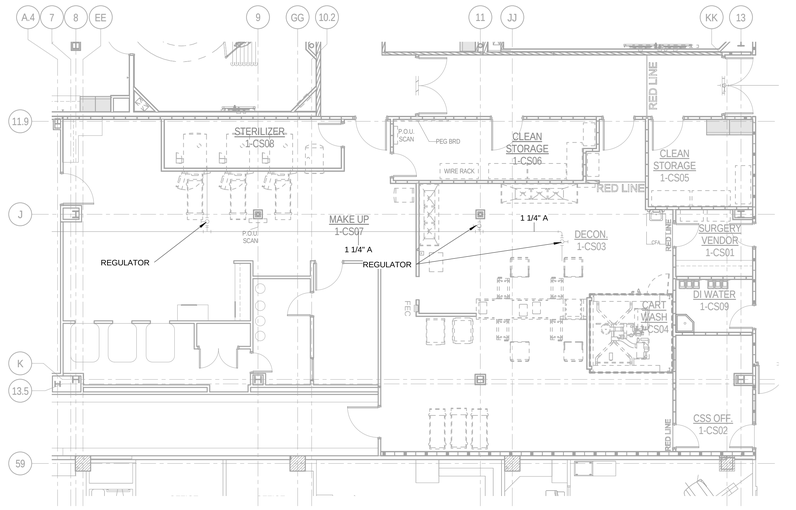
SCALE: 1/8" = 1'-0"

NOTE:
COORDINATE EXACT LOCATIONS OF CEILING MEDICAL GAS OUTLETS AND EQUIPMENT BOOMS WITH ARCHITECTURAL DOCUMENTS. ADJUST PIPING AS NECESSARY.



SANITARY PLAN - PHASE V - SPD

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

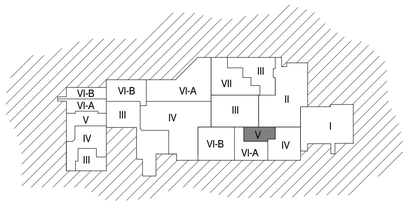


MED GAS/FIRE PROTECTION PLAN - PHASE V - SPD

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

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Drawing Title

PLUMBING PLAN
PHASE V - SPD

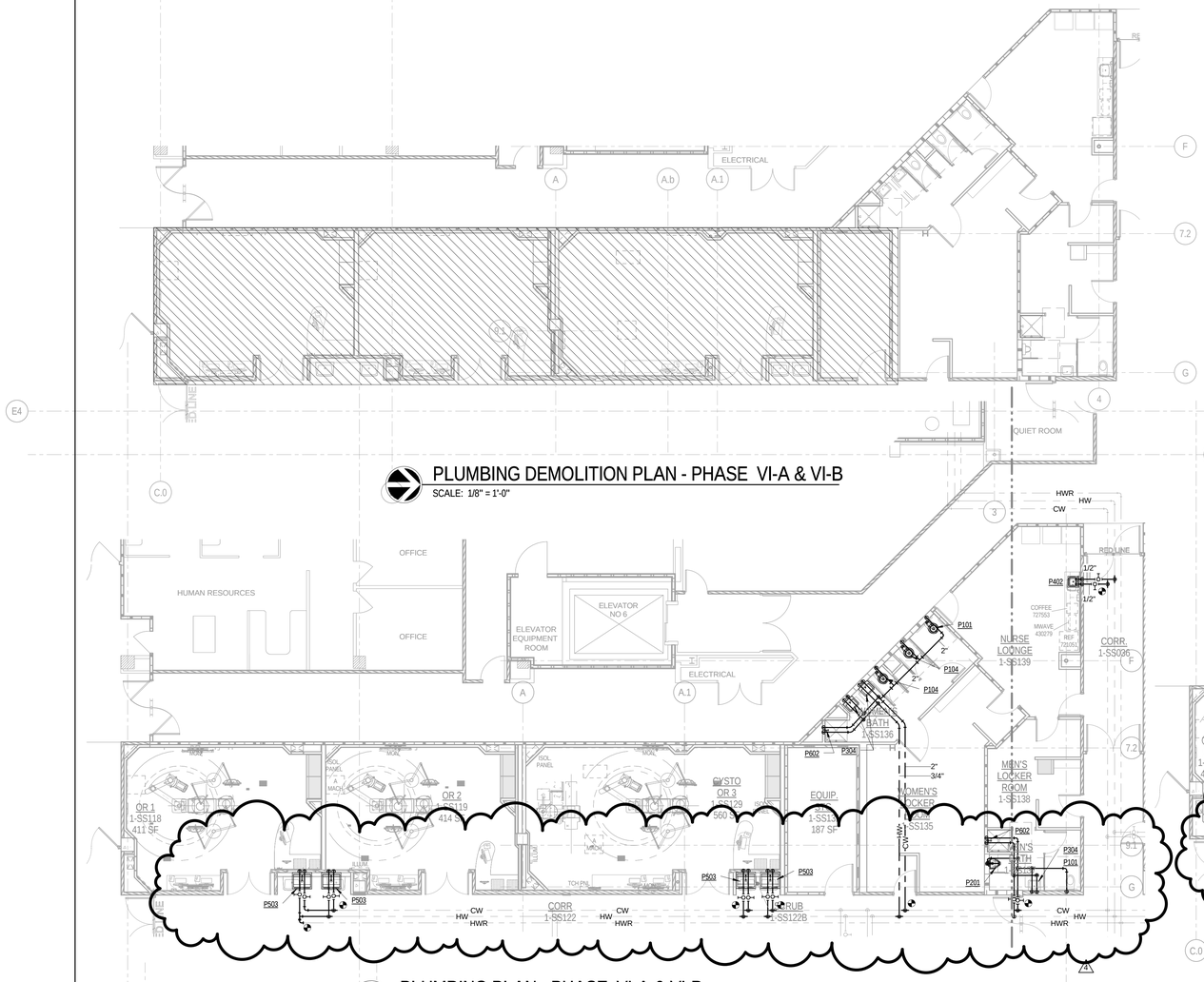
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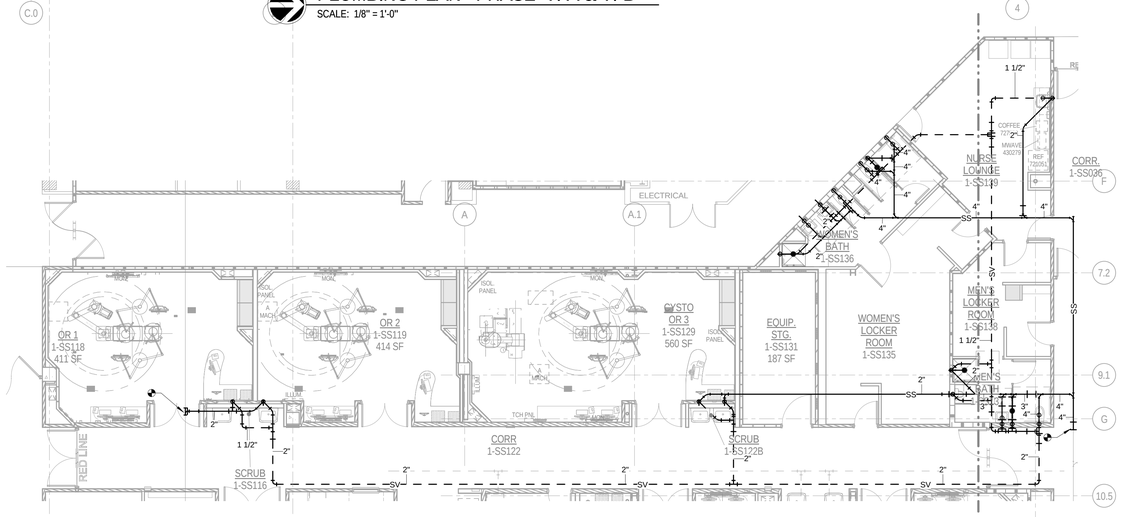
PLUMBING DEMOLITION PLAN - PHASE VI-A & VI-B

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



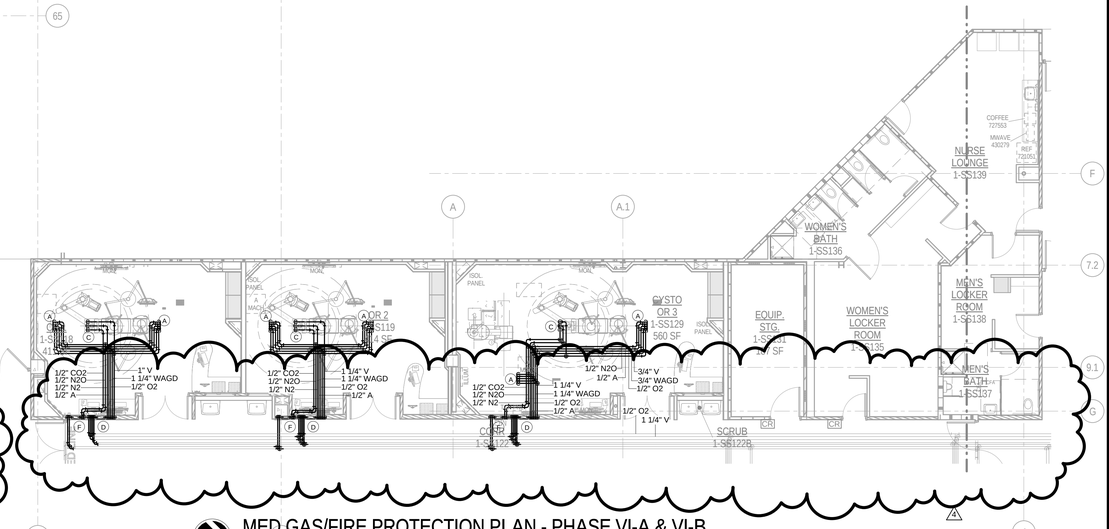
PLUMBING PLAN - PHASE VI-A & VI-B

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



SANITARY PLAN - PHASE VI-A & VI-B

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



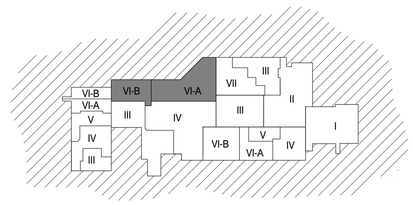
MED GAS/FIRE PROTECTION PLAN - PHASE VI-A & VI-B

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

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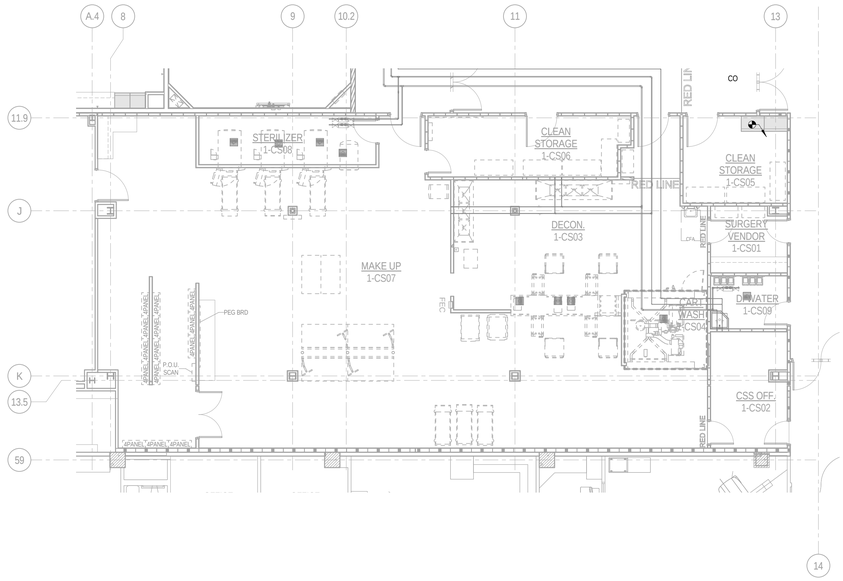
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PLUMBING PLAN
PHASE VI-A & VI-B

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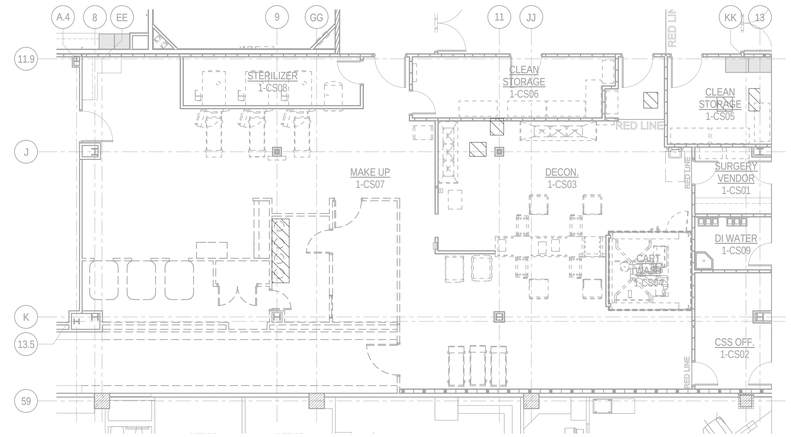
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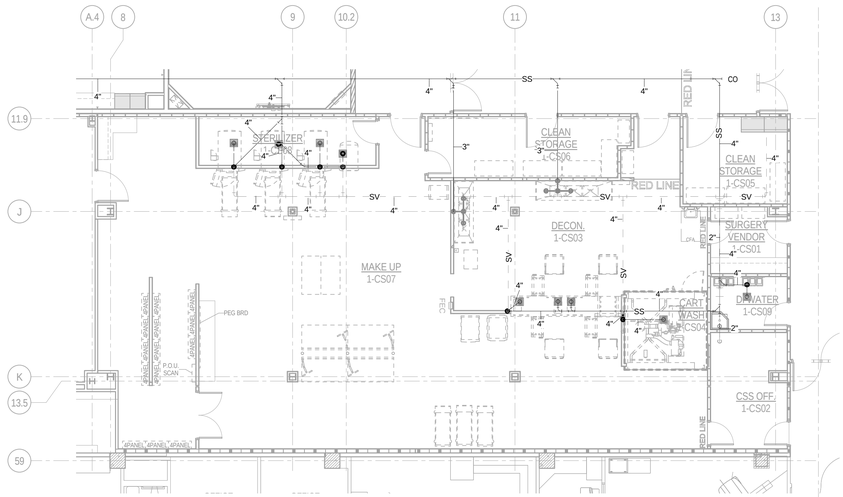
PLUMBING PLAN - PHASE VI-A - SPD

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



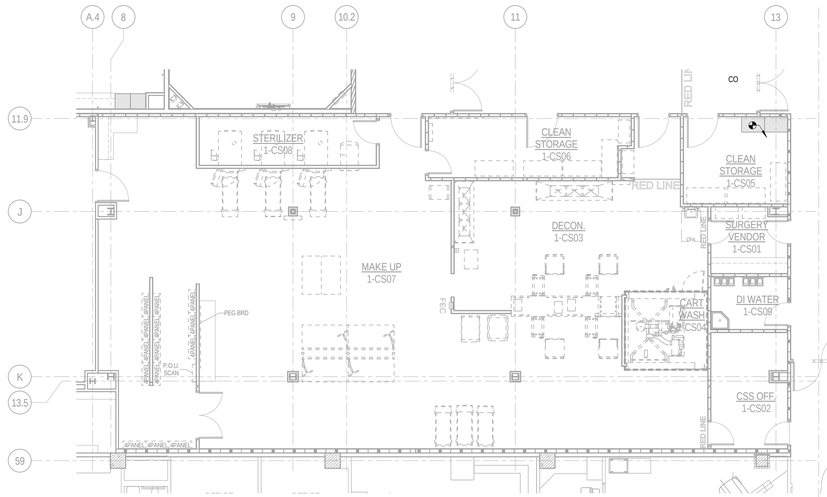
PLUMBING DEMOLITION PLAN - PHASE VI-A - SPD

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



SANITARY PLAN - PHASE VI-A - SPD

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

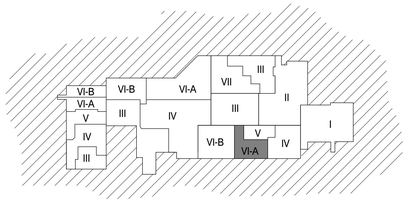


FIRE PROTECTION PLAN - PHASE VI-A - SPD

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

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PHONE (615) 346-3400
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3/16/16

THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 4	3/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

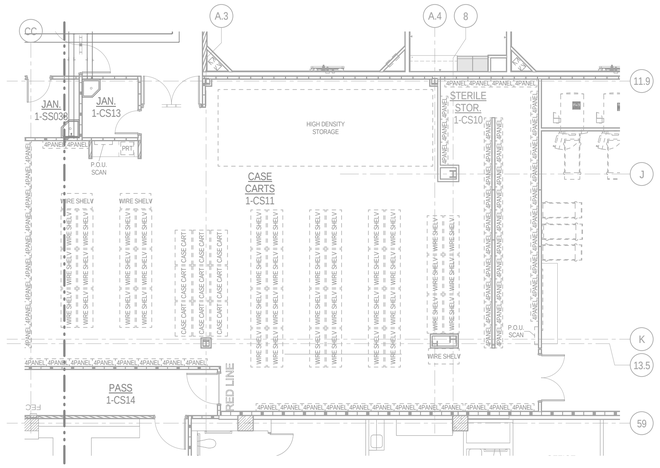
Drawing Title

PLUMBING PLAN
PHASE VI-A - SPD

Sheet Number

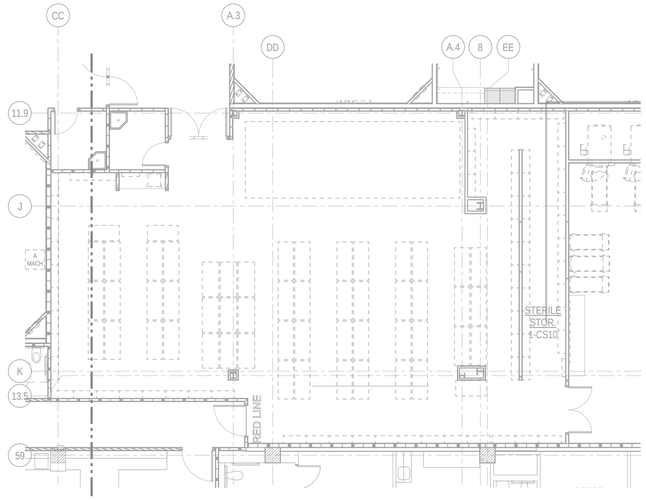
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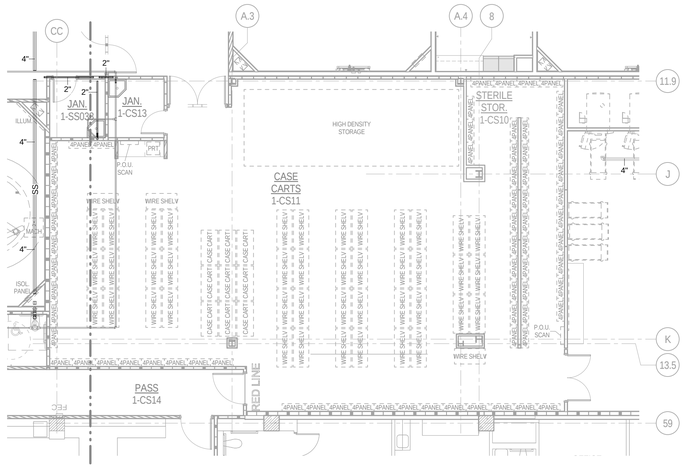
PLUMBING PLAN - PHASE VI-B - SPD

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



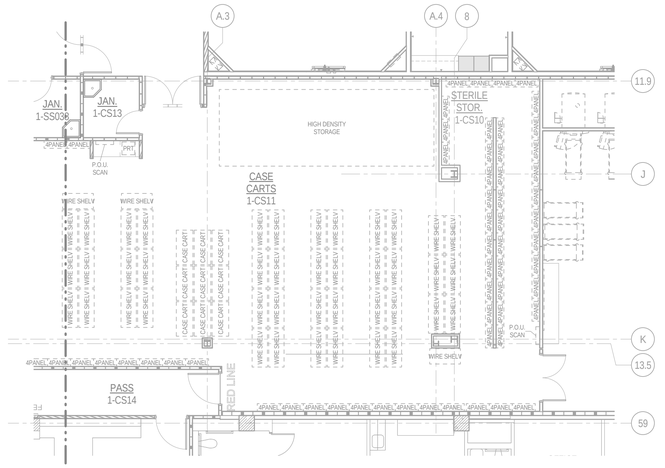
PLUMBING DEMOLITION PLAN - PHASE VI-B - SPD

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



SANITARY PLAN - PHASE VI-B - SPD

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

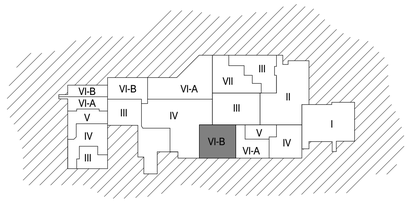


FIRE PROTECTION PLAN - PHASE VI-B - SPD

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

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Craig Macy*
Date: *Apr 15, 2016*
2009 INTERNATIONAL CODES & 2014 NEC



WORKING AREA - PHASED KEY PLAN

I.C. Thomasson Associates, Inc.

CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140316

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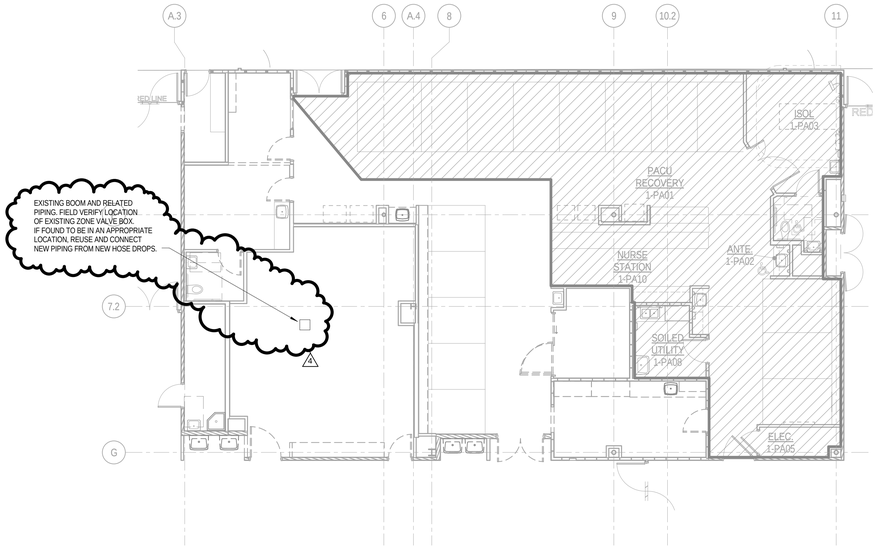
Drawing Title

PLUMBING PLAN
PHASE VI-B - SPD

Drawing No.

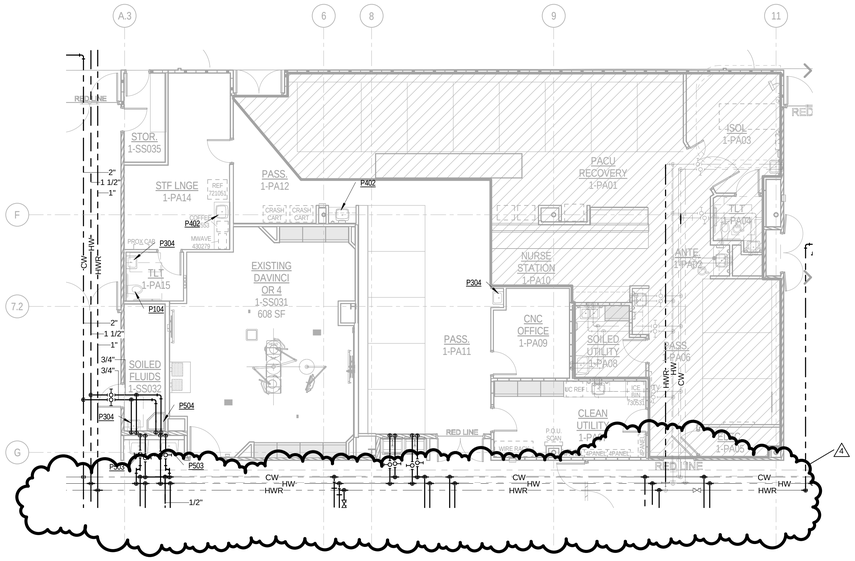
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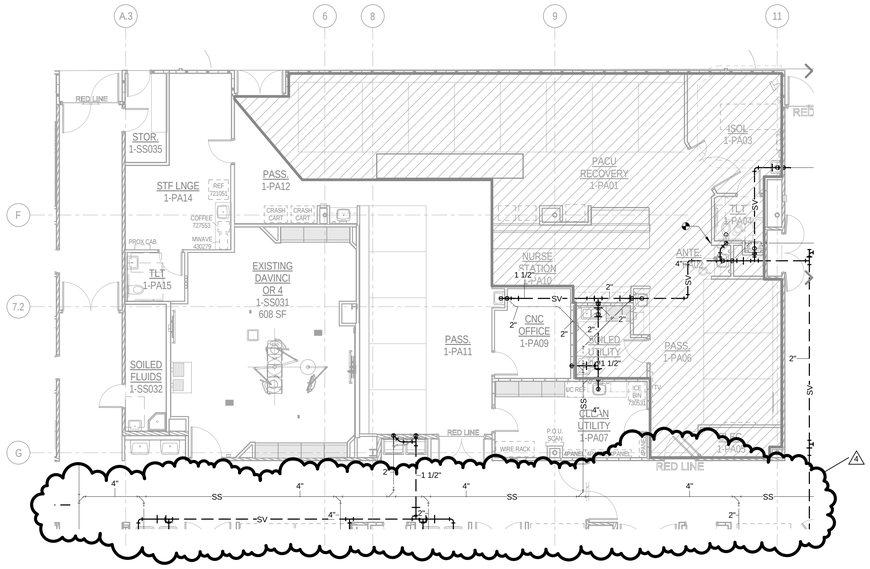
PLUMBING DEMOLITION PLAN - PHASE VII-A

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



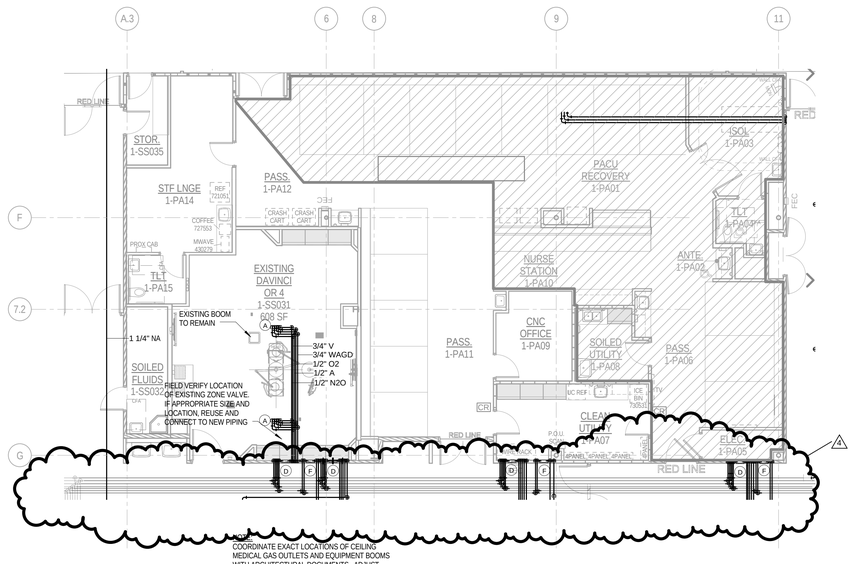
PLUMBING PLAN - PHASE VII-A

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



SANITARY PLAN - PHASE VII-A

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



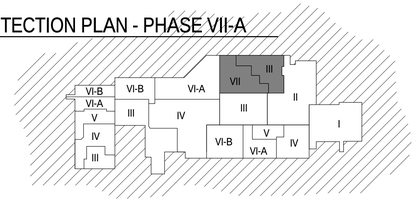
NOTE:
COORDINATE EXACT LOCATIONS OF CEILING MEDICAL GAS OUTLETS AND EQUIPMENT BOOMS WITH ARCHITECTURAL DOCUMENTS. ADJUST PIPING AS NECESSARY.

MED GAS/FIRE PROTECTION PLAN - PHASE VII-A

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

RSN: *1099872*
Permit #: *2016-1083264 LT*

City of Aurora Building Division
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I.C. Thomasson Associates, Inc.

CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 2	02/20/15
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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: CADD	Checked By: DWH

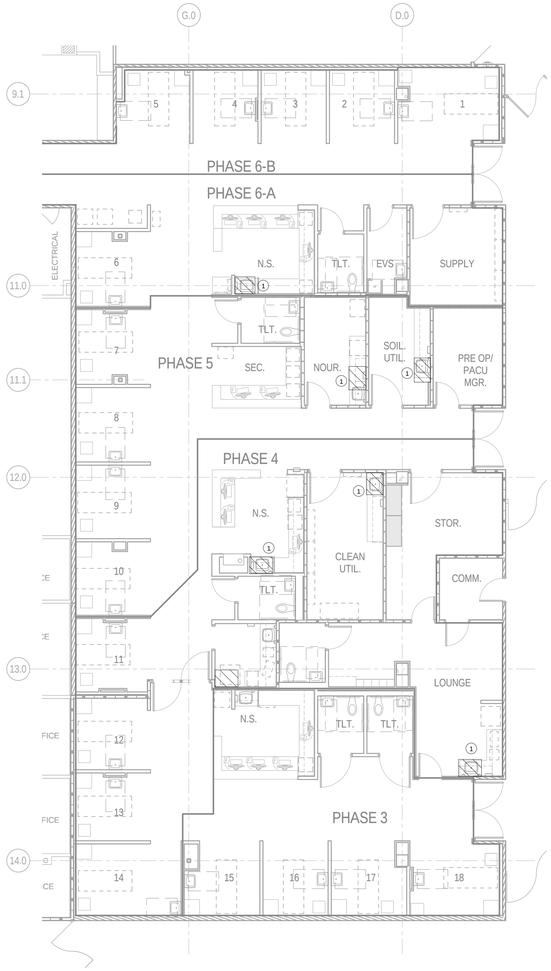
Drawing Title

PLUMBING PHASE VII-A

Sheet Number

P2.07A

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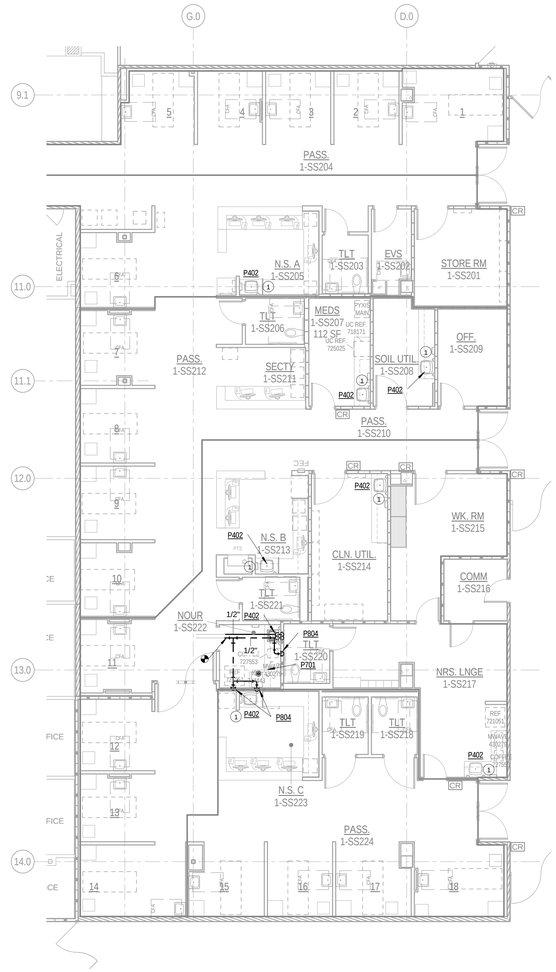


PLUMBING DEMOLITION PLAN - PHASE 3,4,5,6A & 6B

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

DEMOLITION NOTES:

① REMOVE EXISTING PLUMBING FIXTURE. EXISTING PIPING TO REMAIN FOR CONNECTION TO NEW FIXTURE.

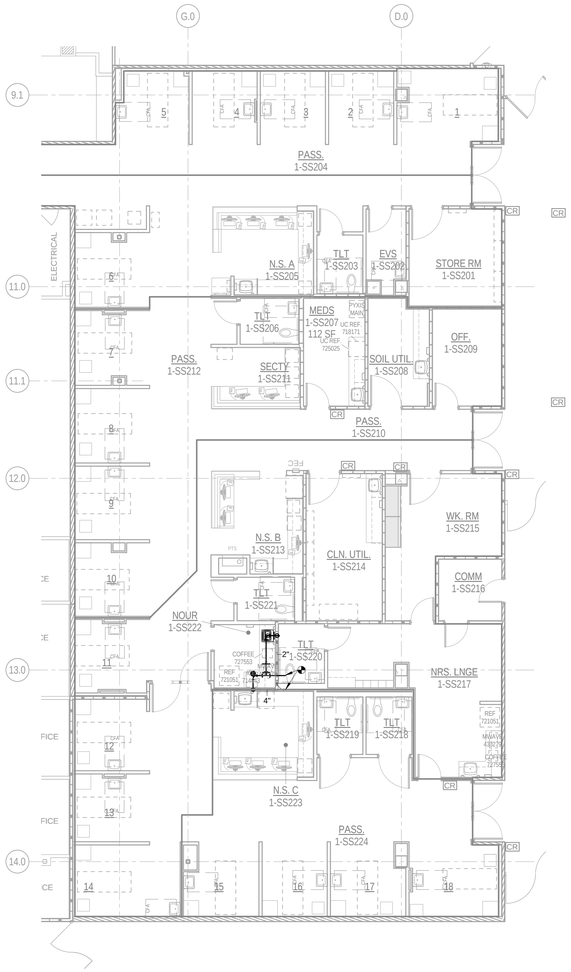


PLUMBING PLAN - PHASE 3,4,5,6A & 6B

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

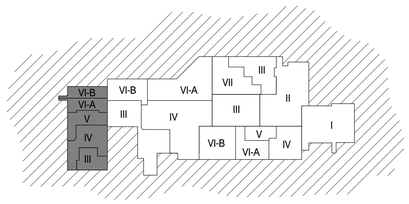
PLUMBING KEYED NOTE:

① RECONNECT NEW PLUMBING FIXTURE TO EXISTING PIPING IN WALL



SANITARY PLAN - PHASE 3,4,5,6A & 6B

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



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I.C. Thomasson Associates, Inc.

CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
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RSN: *1099872*
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DOCUMENT CHANGES

Description	Date
Revision 4	3/16/16

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Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By: CADD	Checked By: DWH

Drawing Title

PLUMBING PHASE 3,4,5,6A & 6B

Sheet Number

P2.07B

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1 1ST FLOOR I.T. PLAN PART A

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

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Permit #: *2016-1083264 LT*

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I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By JKS	Checked By DMH

Drawing Title

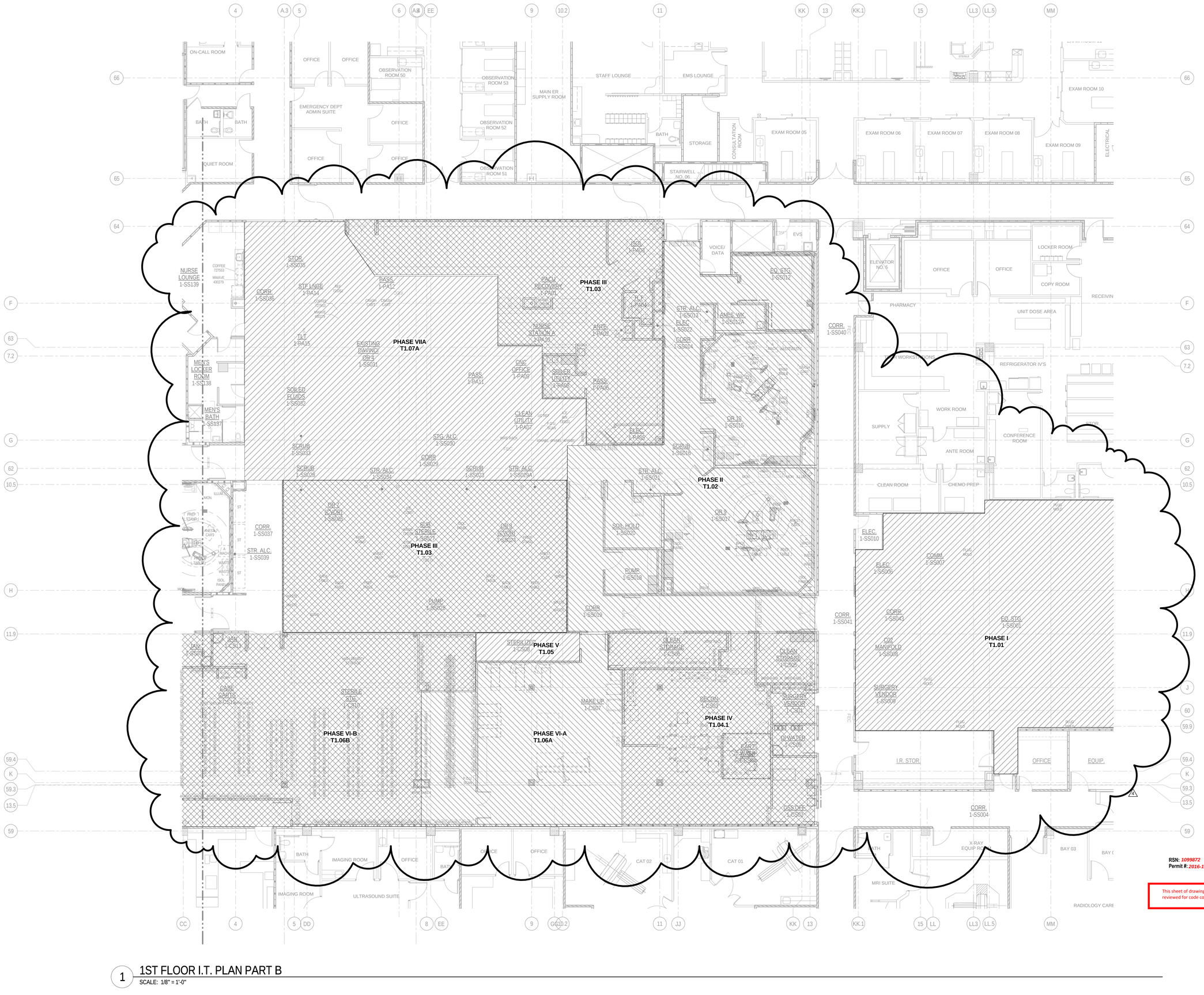
FIRST FLOOR TELECOMMUNICATIONS - PLAN PART A

Sheet Number

T1.00A

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3/15/2016 12:16:27 PM



1 1ST FLOOR I.T. PLAN PART B

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

RSN: *1099872*
Permit #: *2016-1083264 LT*

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I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By JKS	Checked By DMH

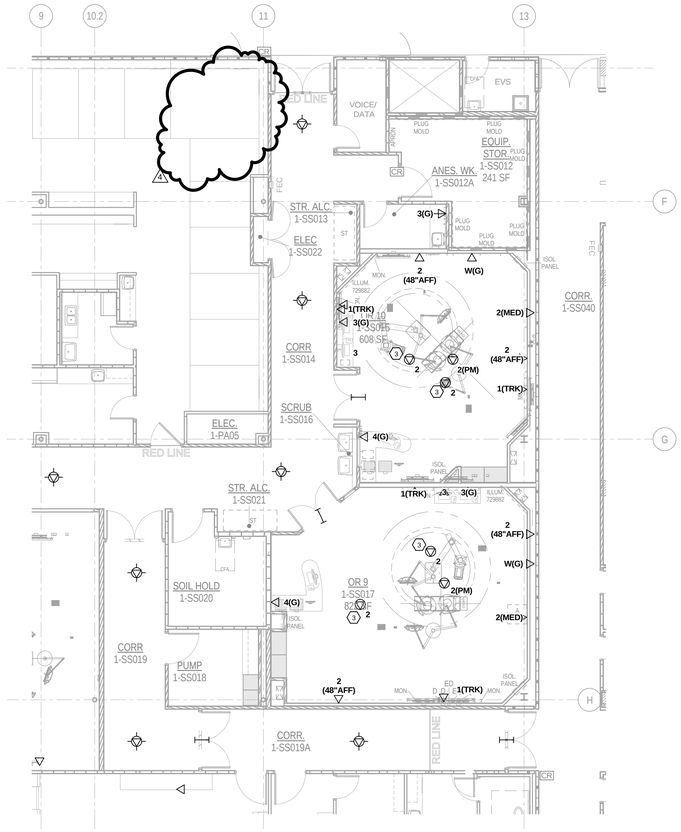
Drawing Title

FIRST FLOOR TELECOMMUNICATIONS - PLAN PART B

Sheet Number

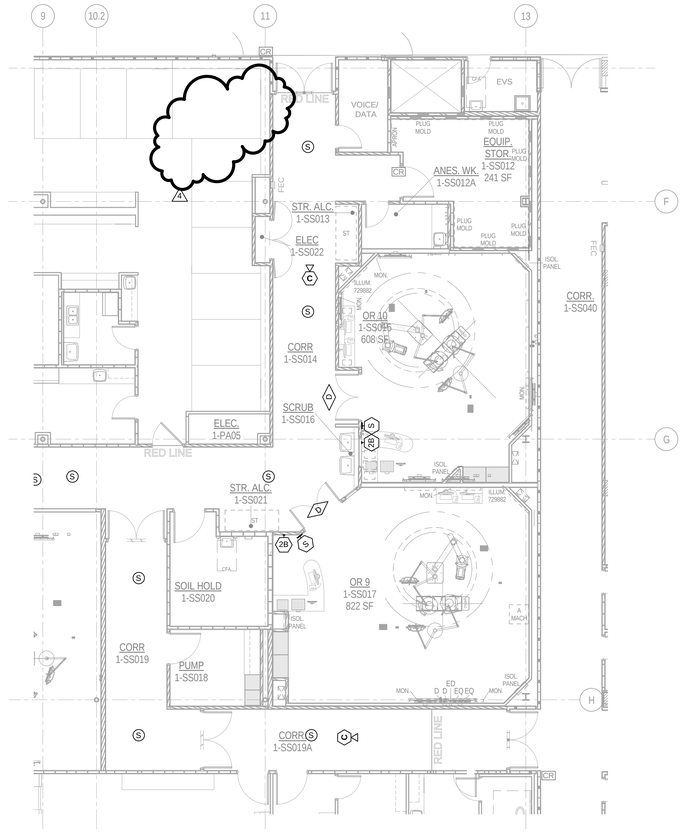
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TELECOMMUNICATIONS PLAN - PHASE II

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



COMMUNICATIONS PLAN - PHASE II

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

GENERAL NOTES:

A. DASHED - J- LINES IN HALLWAYS INDICATES CABLE PATHWAYS.

B. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL ELEVATION DRAWINGS PRIOR TO ROUGH-IN FOR EXACT LOCATION OF ALL COMMUNICATION DEVICES.

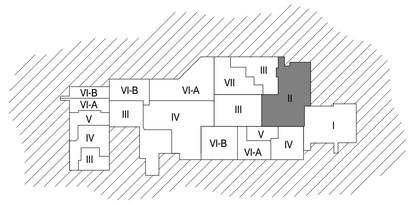
C. AT EACH WIRELESS ACCESS POINT, CABLING CONTRACTOR SHALL LEAVE 25' OF SLACK CABLE NEATLY COILED IN CEILING FOR FUTURE RELOCATION OF CABLING. CABLES SHALL TERMINATE PER PROJECT SPECIFICATIONS.

NOTES:

1. THIS ROOM IS DESIGNATED AS COMMUNICATIONS ROOM FOR THIS FLOOR / AREA.
2. CABLING CONTRACTOR SHALL INSTALL SLEEVES OF SUFFICIENT SIZE AND QUANTITY FOR PATHWAY THROUGH WALL. SLEEVES SHALL BE HILTI SPEED SLEEVE PART NUMBERS CP-653-2 AND CP-653-4.CABLING CONTRACTOR SHALL INSTALL ALL SLEEVES PER MANUFACTURER INSTRUCTIONS.
3. DATA CEILING DROP. CONTRACTOR SHALL PROVIDE CABLE RETRACTOR WITH CLIP TO ALLOW FOR THE SUSPENSION OF PATCH CABLES FROM THE CEILING.

RSN: *1099872*
Permit #: *2016-1083264 LT*

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WORKING AREA - PHASED KEY PLAN

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I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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RSN: *REV. TO RSN 966198*
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Description	Date
Revision 1	02/03/15
Revision 3	05/12/15
Revision 4	03/16/16

Issue Description	CD
Issue Date	2014-12-30
Project No	14077.00
Drawn By JKS	Checked By DMH

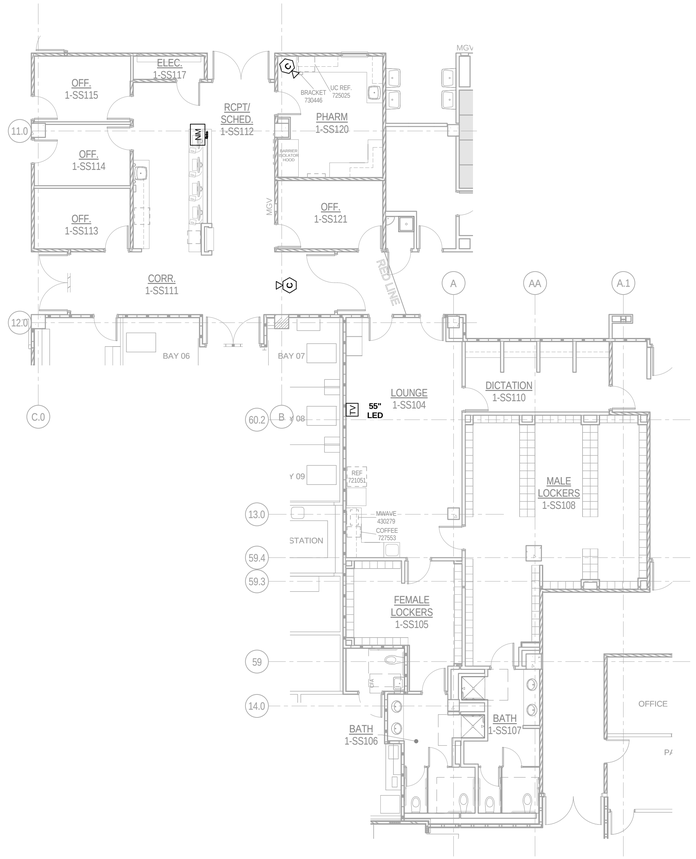
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TELECOMMUNICATIONS PHASE II

Sheet Number

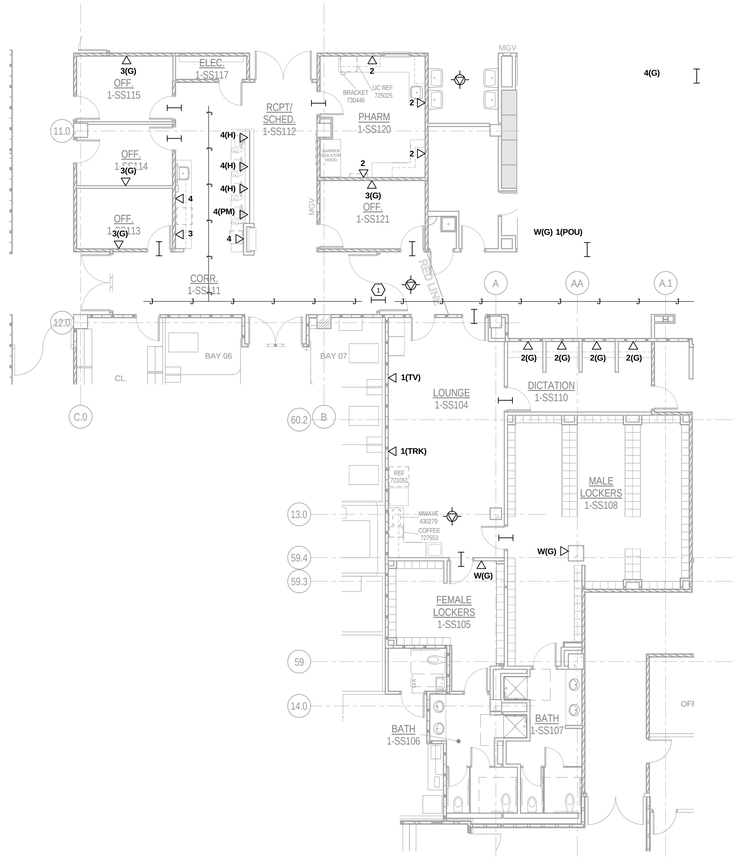
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COMMUNICATIONS PLAN - PHASE III - LOCKERS/O.R. CONTROL

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

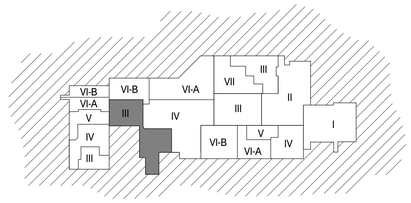


TELECOMMUNICATIONS PLAN - PHASE III - LOCKERS/O.R. CONTROL

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

RSN: *1099872*
Permit #: *2016-1083264 LT*

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2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
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DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

Issue Description	
Issue Date	2014-12-30
Project No	14077.00
Drawn By: JKS	Checked By: DMH

Drawing Title

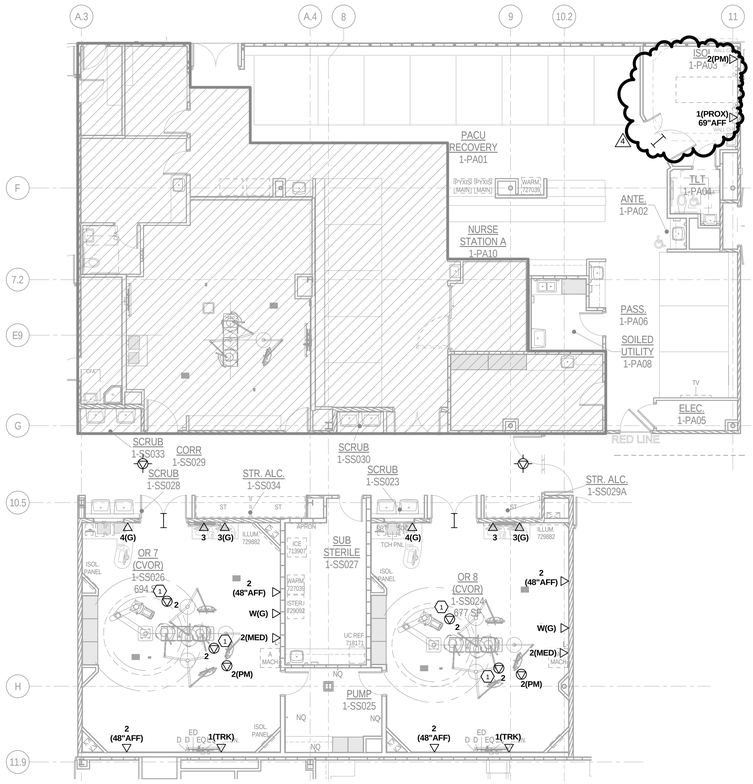
COMMUNICATIONS PLAN - PHASE III - LOCKERS/O.R. CONTROL

Sheet Number

T1.03.1

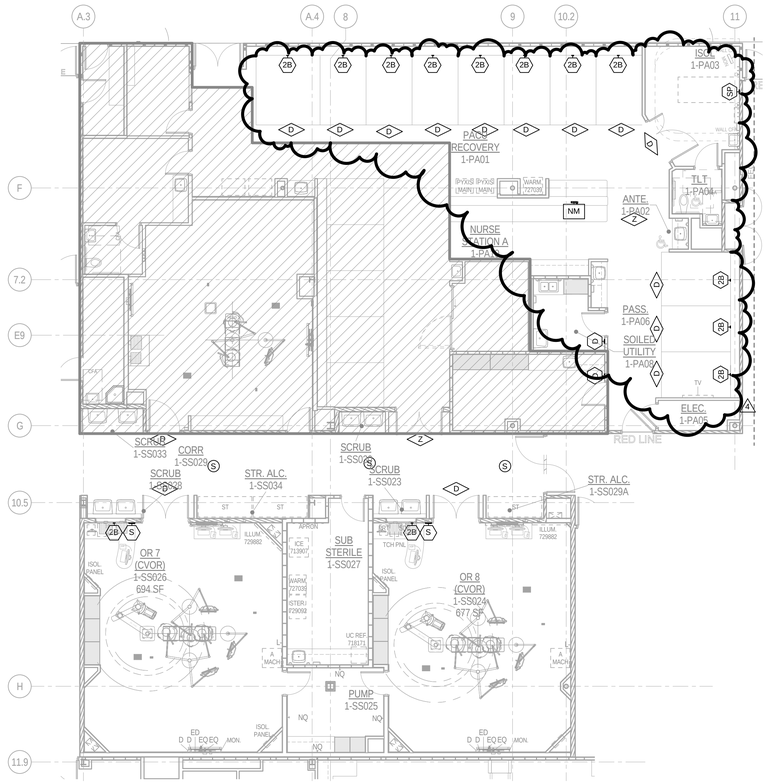
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TELECOMMUNICATIONS PLAN - PHASE III

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



COMMUNICATIONS PLAN - PHASE III

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

GENERAL NOTES:

A. DASHED - J- LINES IN HALLWAYS INDICATES CABLE PATHWAYS.

B. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL ELEVATION DRAWINGS PRIOR TO ROUGH-IN FOR EXACT LOCATION OF ALL COMMUNICATION DEVICES.

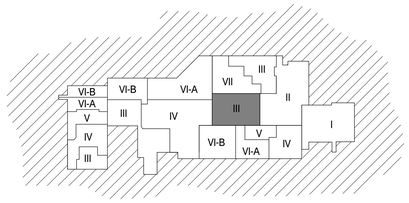
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NOTES:

1. DATA CEILING DROP. CONTRACTOR SHALL PROVIDE CABLE RETRACTOR WITH CLIP TO ALLOW FOR THE SUSPENSION OF PATCH CABLES FROM THE CEILING.

RSN: *1099872*
Permit #: *2016-1083264 LT*

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I.C. Thomasson Associates, Inc.
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PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
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Issue Description	CD
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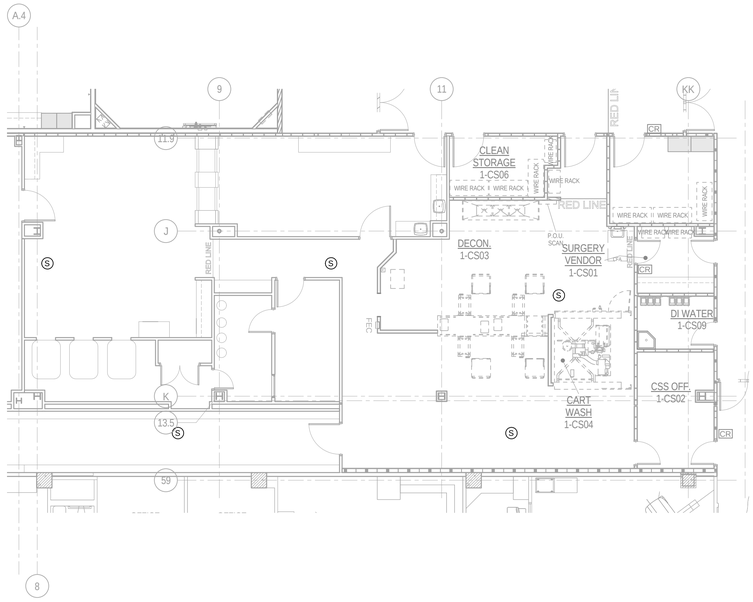
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TELECOMMUNICATIONS PHASE III

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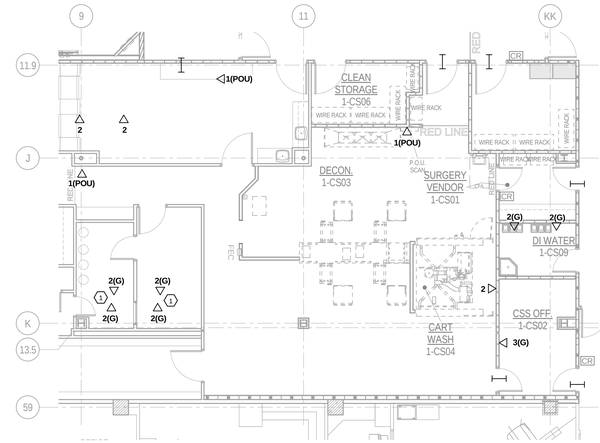
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COMMUNICATIONS PLAN - PHASE IV-SPD

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

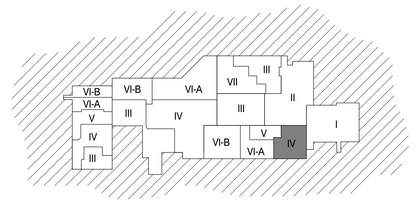


TELECOMMUNICATIONS PLAN - PHASE IV-SPD

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

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Seals



THE MEDICAL CENTER OF AURORA RENOVATIONS

1501 S POTOMAC ST, AURORA, CO 80012

RSN: *REV. TO RSN 966198*
Permit #: *2015-916743 LT*

DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

Issue Description	
Issue Date	2014-12-30
Project No	14077.00
Drawn By: JKS	Checked By: DMH

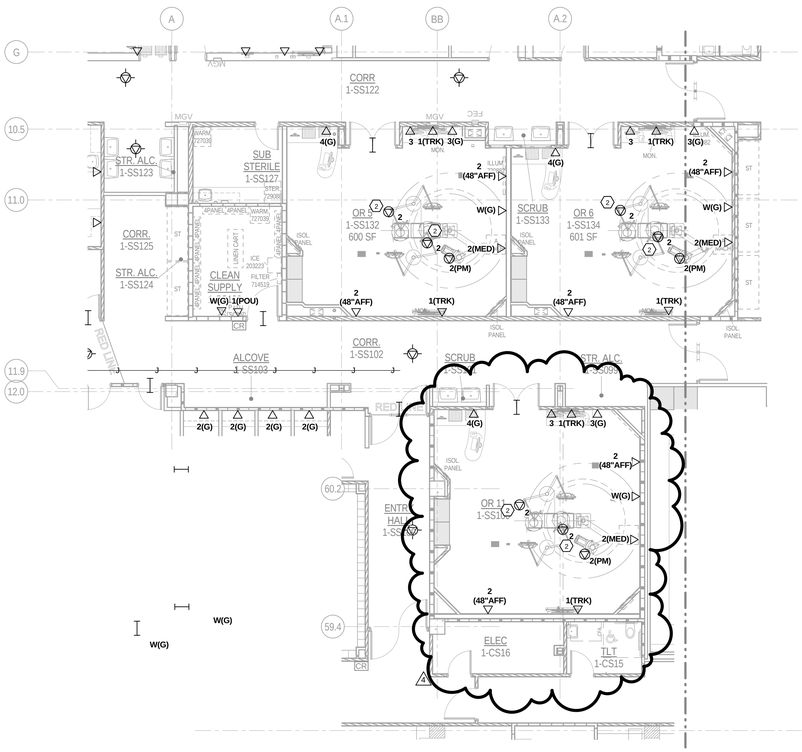
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TELECOMMUNICATIONS PLAN - PHASE IV-SPD

Sheet Number

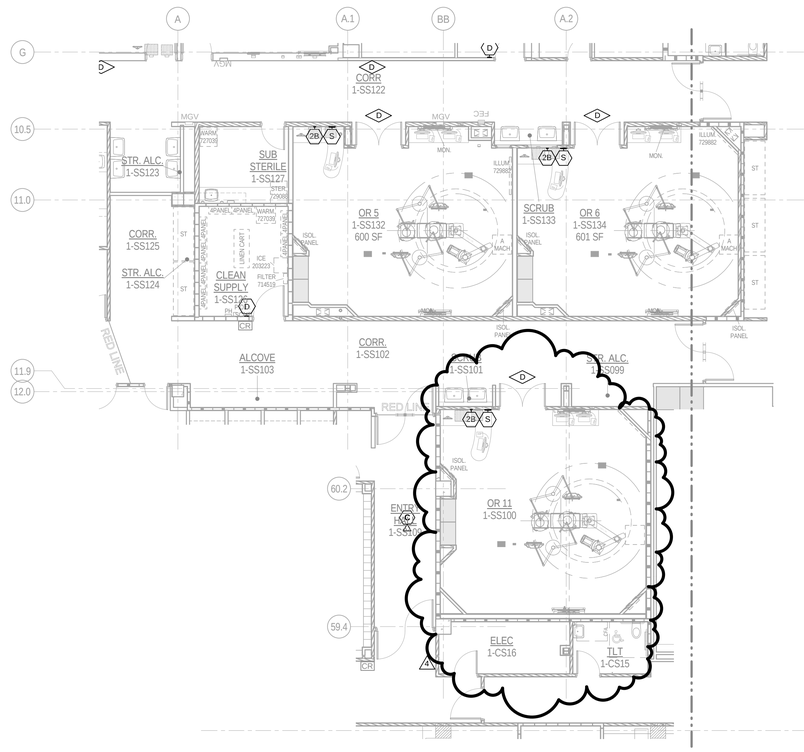
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TELECOMMUNICATIONS PLAN - PHASE IV - OR'S

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



COMMUNICATIONS PLAN - PHASE IV - OR'S

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

GENERAL NOTES:

A. DASHED - J- LINES IN HALLWAYS INDICATES CABLE PATHWAYS.

B. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL ELEVATION DRAWINGS PRIOR TO ROUGH-IN FOR EXACT LOCATION OF ALL COMMUNICATION DEVICES.

C. AT EACH WIRELESS ACCESS POINT. CABLING CONTRACTOR SHALL LEAVE 25' OF SLACK CABLE NEATLY COILED IN CEILING FOR FUTURE RELOCATION OF CABLING. CABLES SHALL TERMINATE PER PROJECT SPECIFICATIONS.

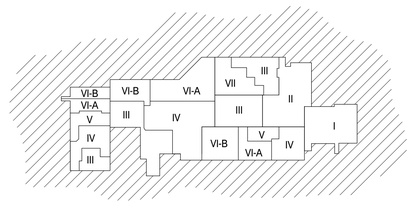
NOTES:

1. CABLING CONTRACTOR SHALL INSTALL SLEEVES OF SUFFICIENT SIZE AND QUANTITY FOR PATHWAY THROUGH WALL. SLEEVES SHALL BE HILTI SPEED SLEEVE PART NUMBERS CP-653-2 AND CP-653-4.CABLING CONTRACTOR SHALL INSTALL ALL SLEEVES PER MANUFACTURER INSTRUCTIONS.

2. DATA CEILING DROP. CONTRACTOR SHALL PROVIDE CABLE RETRACTOR WITH CLIP TO ALLOW FOR THE SUSPENSION OF PATCH CABLES FROM THE CEILING.

RSN: *1099872*
Permit #: *2016-1083264 LT*

This sheet of drawings has not been reviewed for code compliance.



WORKING AREA - PHASED KEY PLAN

I.C. Thomasson Associates, Inc.

CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140316

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Drawn By JKS	Checked By DMH

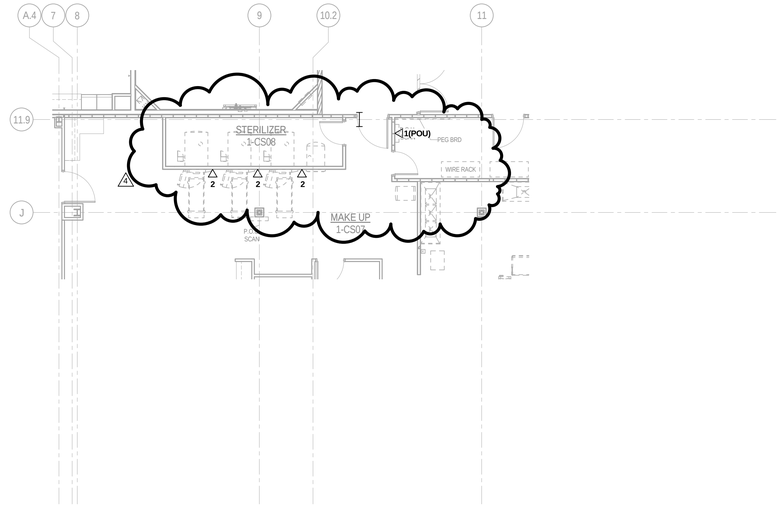
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TELECOMMUNICATIONS PHASE IV - OR'S

Sheet Number

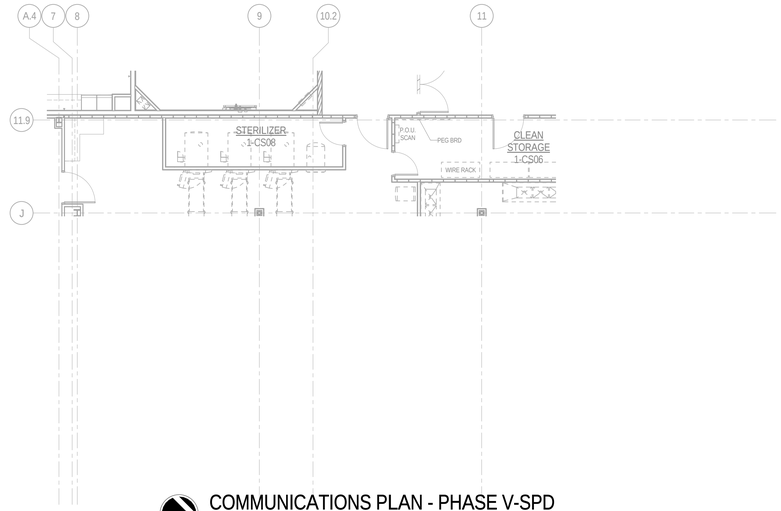
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TELECOMMUNICATIONS PLAN - PHASE V-SPD

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



COMMUNICATIONS PLAN - PHASE V-SPD

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

NOTES:

1. **DATA CEILING DROP. CONTRACTOR SHALL PROVIDE CABLE RETRACTOR WITH CLIP TO ALLOW FOR THE SUSPENSION OF PATCH CABLES FROM THE CEILING.**

GENERAL NOTES:

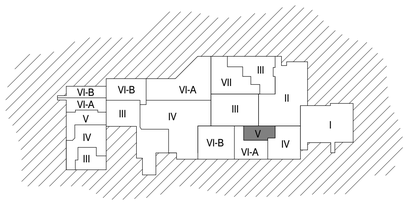
A. **DASHED - J- LINES IN HALLWAYS INDICATES CABLE PATHWAYS.**

B. **ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECTURAL ELEVATION DRAWINGS PRIOR TO ROUGH-IN FOR EXACT LOCATION OF ALL COMMUNICATION DEVICES.**

C. **AT EACH WIRELESS ACCESS POINT, CABLING CONTRACTOR SHALL LEAVE 25' OF SLACK CABLE NEATLY COILED IN CEILING FOR FUTURE RELOCATION OF CABLING. CABLES SHALL TERMINATE PER PROJECT SPECIFICATIONS.**

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CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140316

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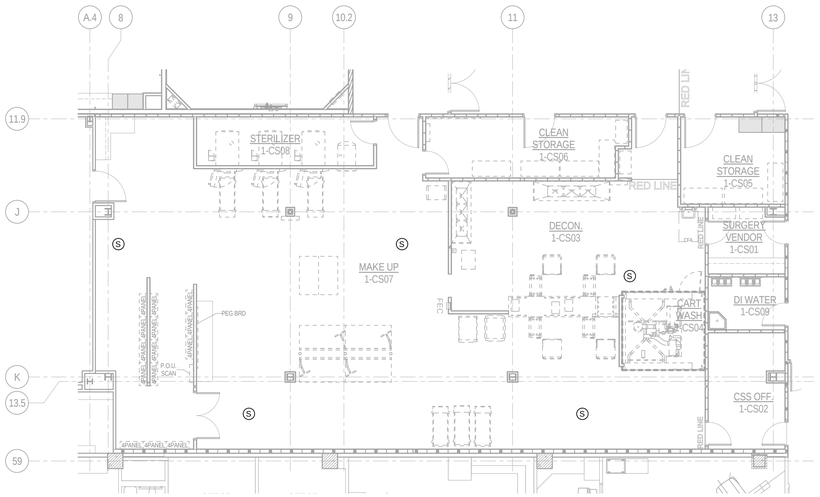
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TELECOMMUNICATIONS PHASE V-SPD

Sheet Number

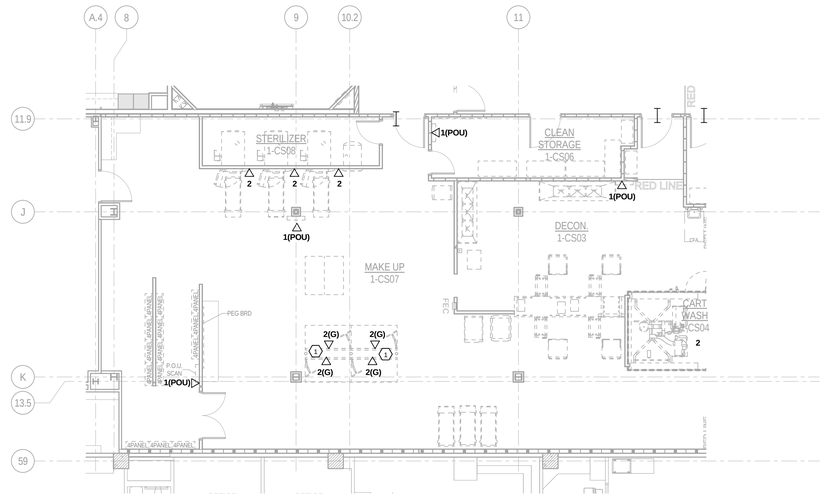
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COMMUNICATIONS PLAN - PHASE VI-A-SPD

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

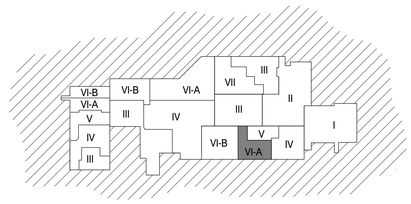


TELECOMMUNICATIONS PLAN - PHASE VI-A-SPD

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

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Permit #: *2016-1083264 LT*

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I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
PHONE (615) 346-3400
FAX (615) 346-3550
www.icthomasson.com
ICT Project No. 140316

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DOCUMENT CHANGES

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Issue Description	
Issue Date	2014-12-30
Project No	14077.00
Drawn By: Author	Checked By: Checker

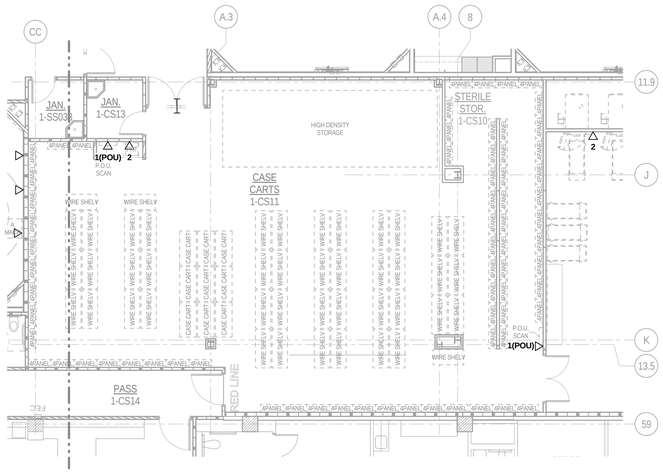
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TELECOMMUNICATIONS PLAN - PHASE VI-A-SPD

Sheet Number

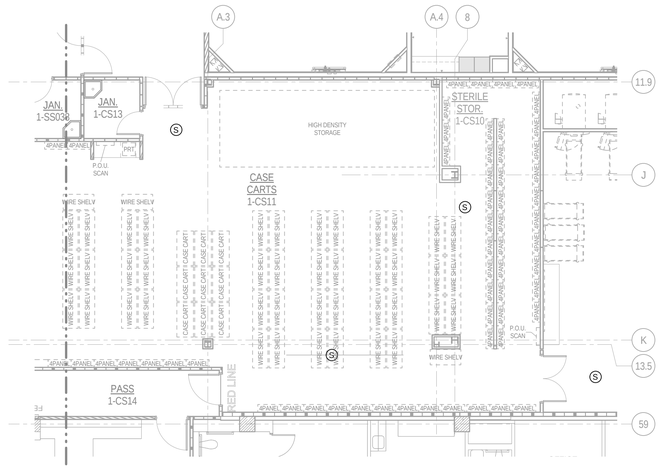
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TELECOMMUNICATIONS PLAN - PHASE VI-B-SPD

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

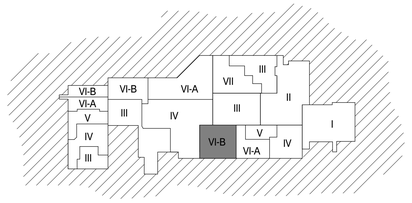


COMMUNICATIONS PLAN - PHASE VI-B-SPD

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

RSN: *1099872*
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I.C. Thomasson Associates, Inc.
CONSULTING ENGINEERS
2950 KRAFT DRIVE, SUITE 500
NASHVILLE, TN. 37204
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Drawn By: Author	Checked By: Checker

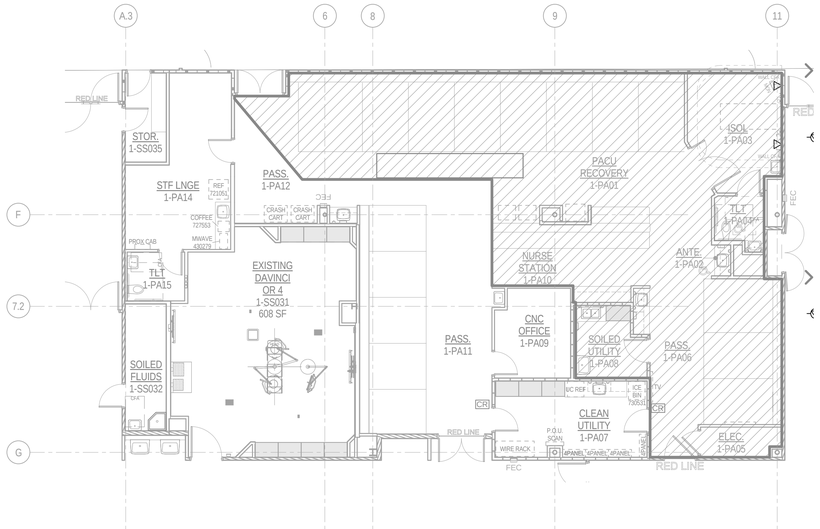
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TELECOMMUNICATIONS PLAN - PHASE VI-B-SPD

Sheet Number

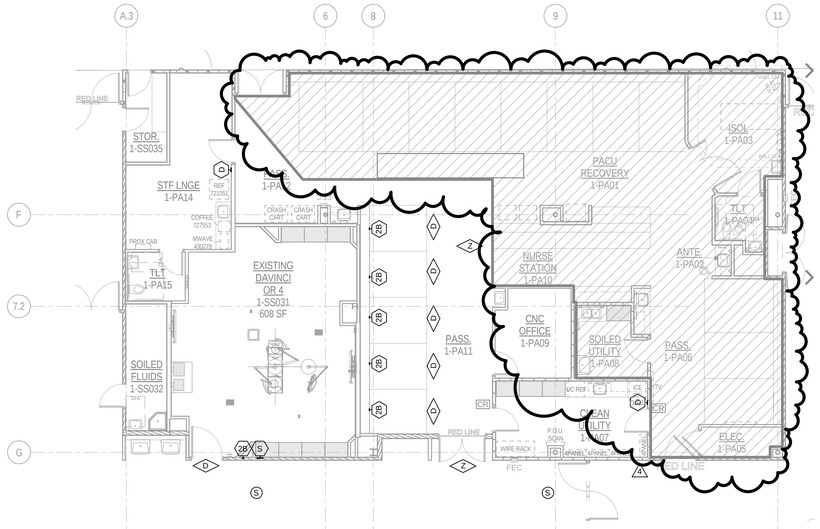
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TELECOMMUNICATIONS PLAN - PHASE VII-A

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



COMMUNICATIONS PLAN - PHASE VII-A

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

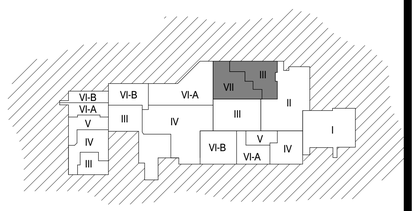
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DOCUMENT CHANGES

Description	Date
Revision 4	03/16/16

Only highlighted or clouded revisions are approved on this review. All previous comments apply.

Issue Description	CD
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Drawn By JKS	Checked By DMH

Drawing Title

TELECOMMUNICATIONS PHASE VII-A

Sheet Number

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