

**DOCUMENT 00 90 00**  
**ADDENDUM**

**ADDENDUM No.:** 1

**DATE:** October 8, 2024

**RE:** WESTERN TECHNICAL COLLEGE  
HEALTH SCIENCE CENTER DENTAL RENOVATION  
1300 BADGER ST  
LA CROSSE, WISCONSIN 54601  
PROJECT NO. 24030

**FROM:** HSR Associates, Inc  
100 Milwaukee Street  
La Crosse, WI 54603  
(608) 784-1830

**TO:** Prospective Bidders

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This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated October 2024. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of: 2 pages, 0 documents, 0 sections, and 8 drawings.

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**CHANGES TO DRAWINGS**

1. Sheet A090 REMOVAL 30"x42"
  - a. See the revised sheet included in this addendum. Disregard the previous version.
  - b. Revised Keynote 2.
  - c. Added Keynote 20.
  - d. 2A090 Basement Removal Plan – Added Keynote 20.
2. Sheet A100 FLOOR PLANS 30"x42"
  - a. See the revised sheet included in this addendum. Disregard the previous version.
  - b. 2A100 Basement Remodel Plan – Show concrete equipment pad.
3. Sheet FP100 FIRE PROTECTION 30"x42"
  - a. See the new sheet included in this addendum.
4. Sheet P000 GENERAL NOTES 30"x42"
  - a. See the revised sheet included in this addendum. Disregard the previous version.
  - b. Revised schedules.
5. Sheet P090 REMOVAL PLANS 30"x42"
  - a. See the revised sheet included in this addendum. Disregard the previous version.
  - b. Added Basement Removal Plan.
  - c. Added X-ray Room Removal Plan for Alt Bid#1 notation.
  - d. Revised Keynote 7 for clarity and Alt Bid#2 notation.
6. Sheet P100 BASEMENT PLAN 30"x42"
  - a. See the revised sheet included in this addendum. Disregard the previous version.
  - b. 1P100 Underfloor Plan – Revised pipe sizing.
  - c. 2P100 Basement Remodel Plan – Revised pipe sizing and configuration.
  - d. Revised Keynotes.

7. Sheet P101 FIRST FLOOR PLAN 30"x42"
  - a. See the revised sheet included in this addendum. Disregard the previous version.
  - b. 3P101 Sterilization West Cabinetry – Revised piping and notes to be associated with Alt Bid #2.
8. Sheet P200 DWV AND WATER ISOMETRIC 30"x42"
  - a. See the revised sheet included in this addendum. Disregard the previous version.
  - b. 1P200 DWV Isometric
    - i. Added DFU fixture units.
    - ii. Revised venting and notes for Alt Bid #2.
  - c. 2P200 Water Isometric
    - i. Revised pipe sizing and tags.
  - d. Added water sizing chart.

**END OF DOCUMENT 00 90 00**



Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION**

Project Location: 1300 BADGER ST  
LA CROSSE, WI

Sheet Title: **REMOVAL**

HSR Project Number: **24030**

Project Date: **OCTOBER 2024**

Drawn By: **KH**

Key Plan:

No.	Description	Date
A01	ADDENDUM 1	10/8/2024

Graphic Scale: **VARIES**

Last Update: **10/8/2024 1:24:15 PM**

**A090**

**REMOVAL GENERAL NOTES:**

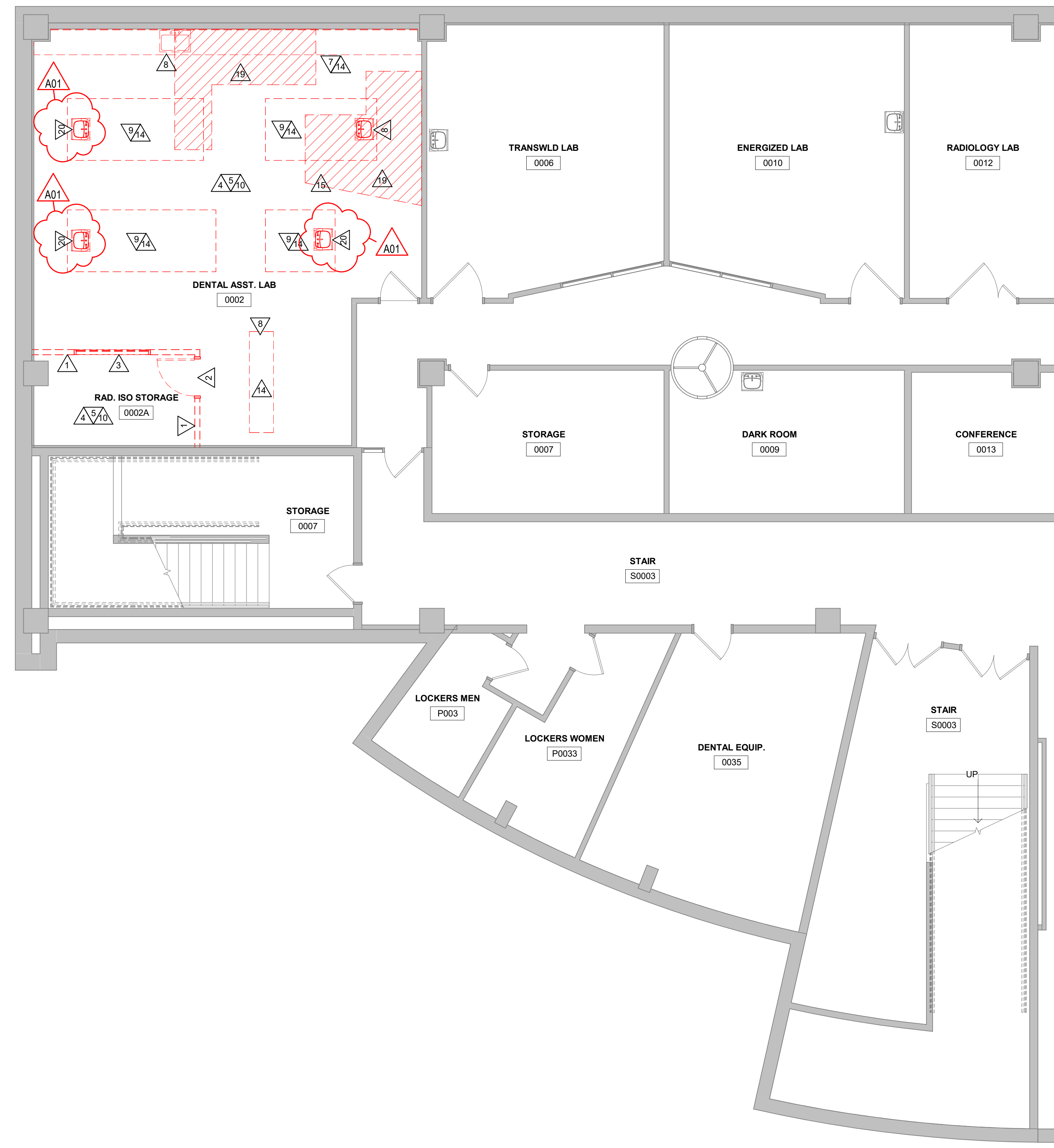
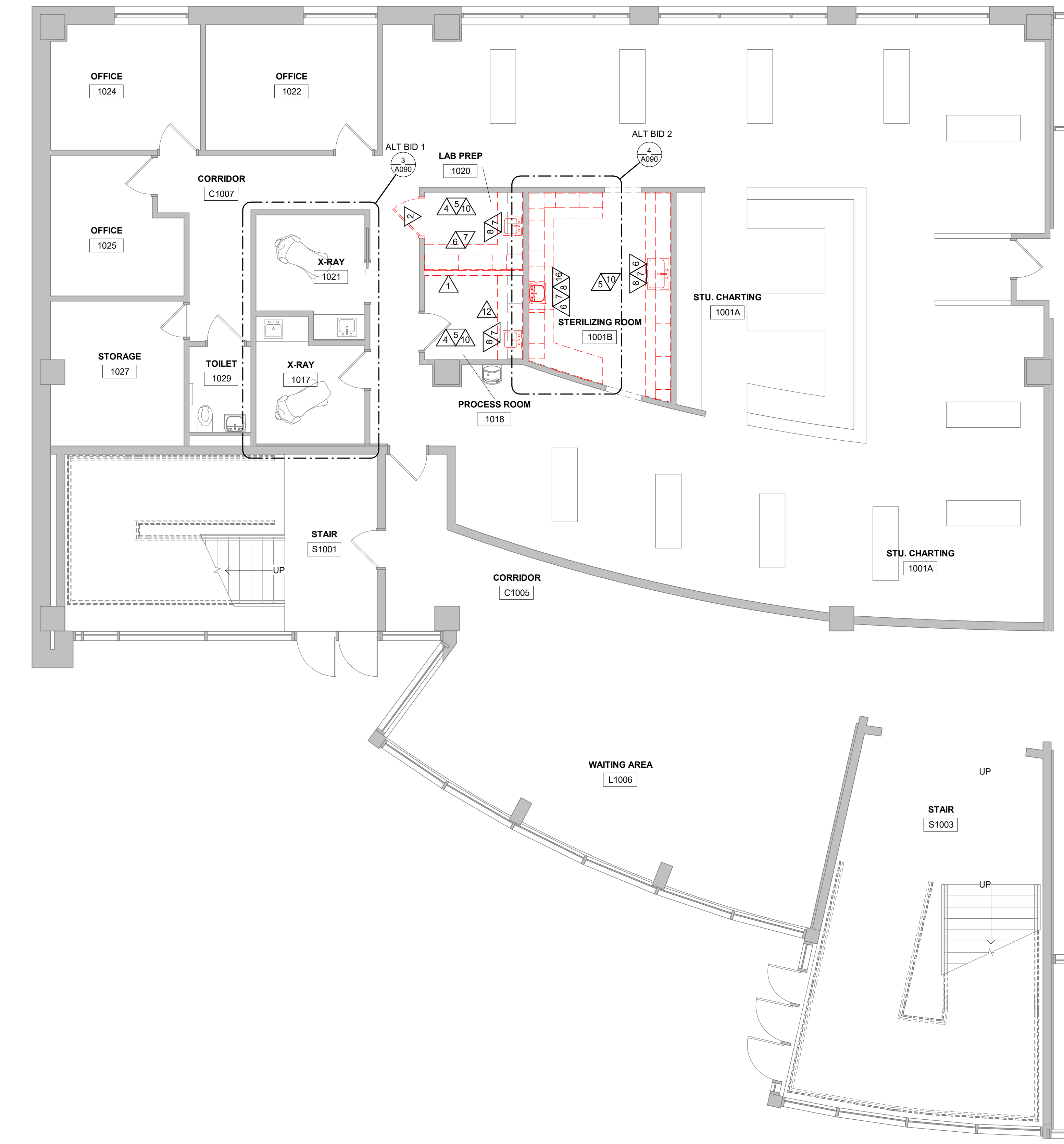
- A. ALL ITEMS SHOWN DASHED ON DEMOLITION PLANS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE NOTED. REFERENCE MEP DRAWINGS FOR APPLICABLE EQUIPMENT REMOVALS AND MODIFICATIONS. COORDINATE PATCHING AT EQUIPMENT REMOVALS.
- B. AT WALL TYPES/MATERIALS, PREPARATION FOR NEW FINISHES SHALL INCLUDE, BUT NOT BE LIMITED TO REMOVAL OF EXISTING FINISHES, TAPES, GLUES/MASTIC, NAILS AND RELATED ITEMS. PATCHING OF HOLES, INDENTATIONS AND CRACKS FOR AN ACCEPTABLE SURFACE FOR NEW FINISH INSTALLATION.
- C. OWNER WILL REMOVE LOOSE FURNISHINGS AND EQUIPMENT FROM THE WORK AREA PRIOR TO START OF CONSTRUCTION.
- D. MAINTAIN ALL EXIT DOORS AND CORRIDORS IN UNOBSTRUCTED OPERABLE CONDITION WITH SAFE PASSAGE AWAY FROM THE BUILDING.
- E. ROOM NUMBERS ARE SHOWN ON THIS PLAN FOR INFORMATIONAL AND COORDINATION PURPOSES ONLY.
- F. COORDINATE STORAGE LOCATIONS FOR SALVAGED ITEMS WITH OWNER.
- G. PROVIDE FLOOR PROTECTION AS SPECIFIED AT DEBRIS REMOVAL PATHS THROUGH BUILDING.

**REMOVAL PLAN LEGEND:**

- SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- REMOVE ITEMS NOTED WITH DASHED LINES
- SYMBOL INDICATES REMOVAL OF DOOR AND FRAME UNLESS NOTED OTHERWISE

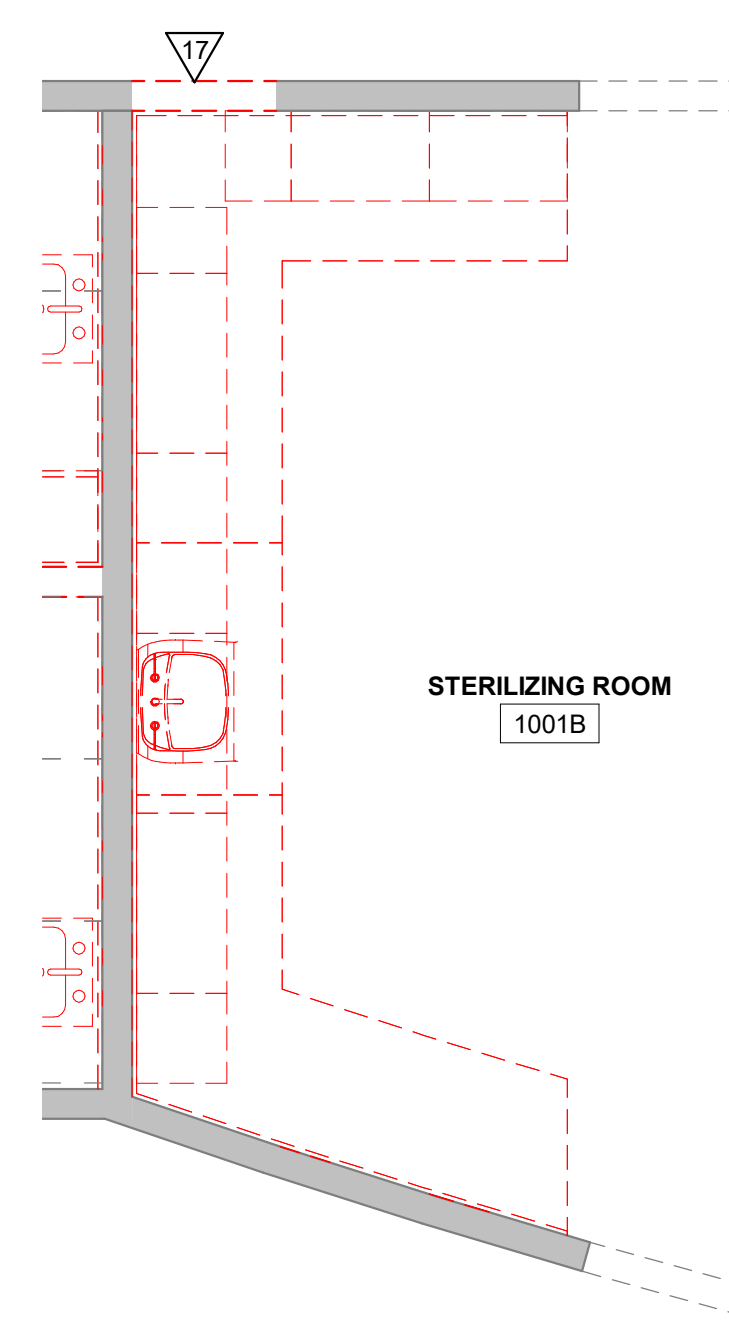
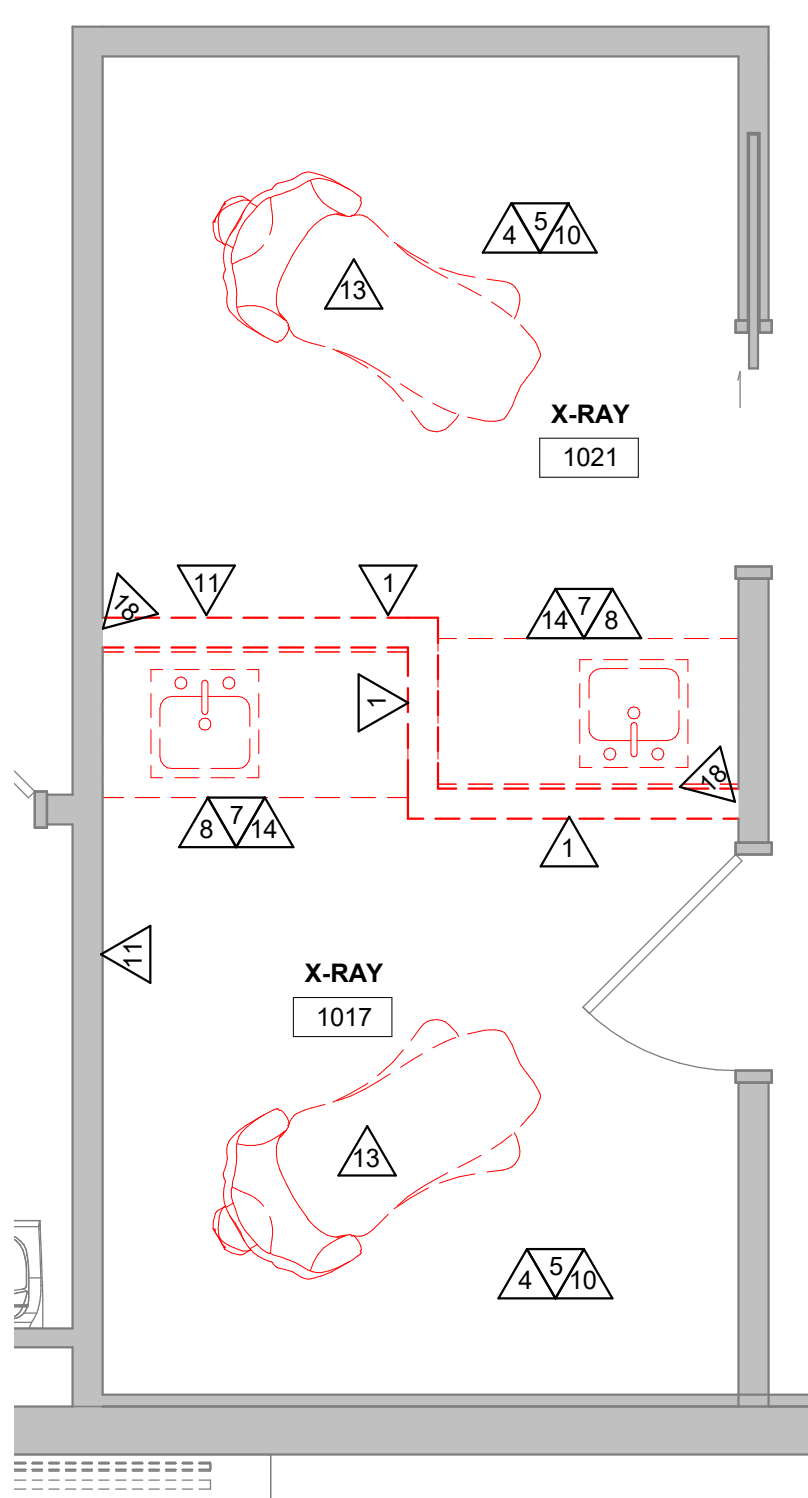
**KEY NOTES REMOVAL**

- 1 REMOVE EXISTING STUD PARTITION
- 2 REMOVE EXISTING DOOR AND FRAME. SALVAGE LOCKSETS TO OWNER.
- 3 REMOVE EXISTING WINDOW AND FRAME
- 4 REMOVE EXISTING VCT FLOORING AND VINYL BASE
- 5 REMOVE EXISTING ACT CEILING AND GRID
- 6 REMOVE AND SALVAGE EXISTING CASEWORK FOR REINSTALLATION
- 7 REMOVE EXISTING COUNTERTOP
- 8 REMOVE EXISTING SINK - SEE PLUMBING
- 9 REMOVE AND SALVAGE EXISTING SS COUNTERTOP - RETURN TO OWNER
- 10 REMOVE EXISTING LIGHT FIXTURES - SEE ELECT
- 11 REMOVE AND SALVAGE EXISTING ERGOTRON TO BE REINSTALLED
- 12 REMOVE EXISTING DARK ROOM LIGHT BOX - SEE ELECT
- 13 EXISTING DENTAL CHAIR TO BE REMOVED AND SALVAGED BY GC FOR REINSTALLATION
- 14 REMOVE EXISTING CASEWORK
- 15 REMOVE AND SALVAGE EXISTING PROJECTOR FOR REINSTALLATION - SEE ELECT
- 16 REMOVE EXISTING EYEWASH STATION - SEE PLUMBING
- 17 REMOVE SECTION OF EXISTING WALL TO ACCOMMODATE NEW CASEWORK - SEE SHEET A400 FOR MORE INFORMATION
- 18 MAINTAIN ANY EXISTING SHELDING IN WALLS TO REMAIN
- 19 SAWNOT AND REMOVE EXISTING CONCRETE FLOOR SLAB AT HATCHED AREAS. COORDINATE WITH PLUMBING/ELECTRICAL
- 20 REMOVE EXISTING SINK AND PATCH FLOOR AS REQ'D. - SEE PLUMBING



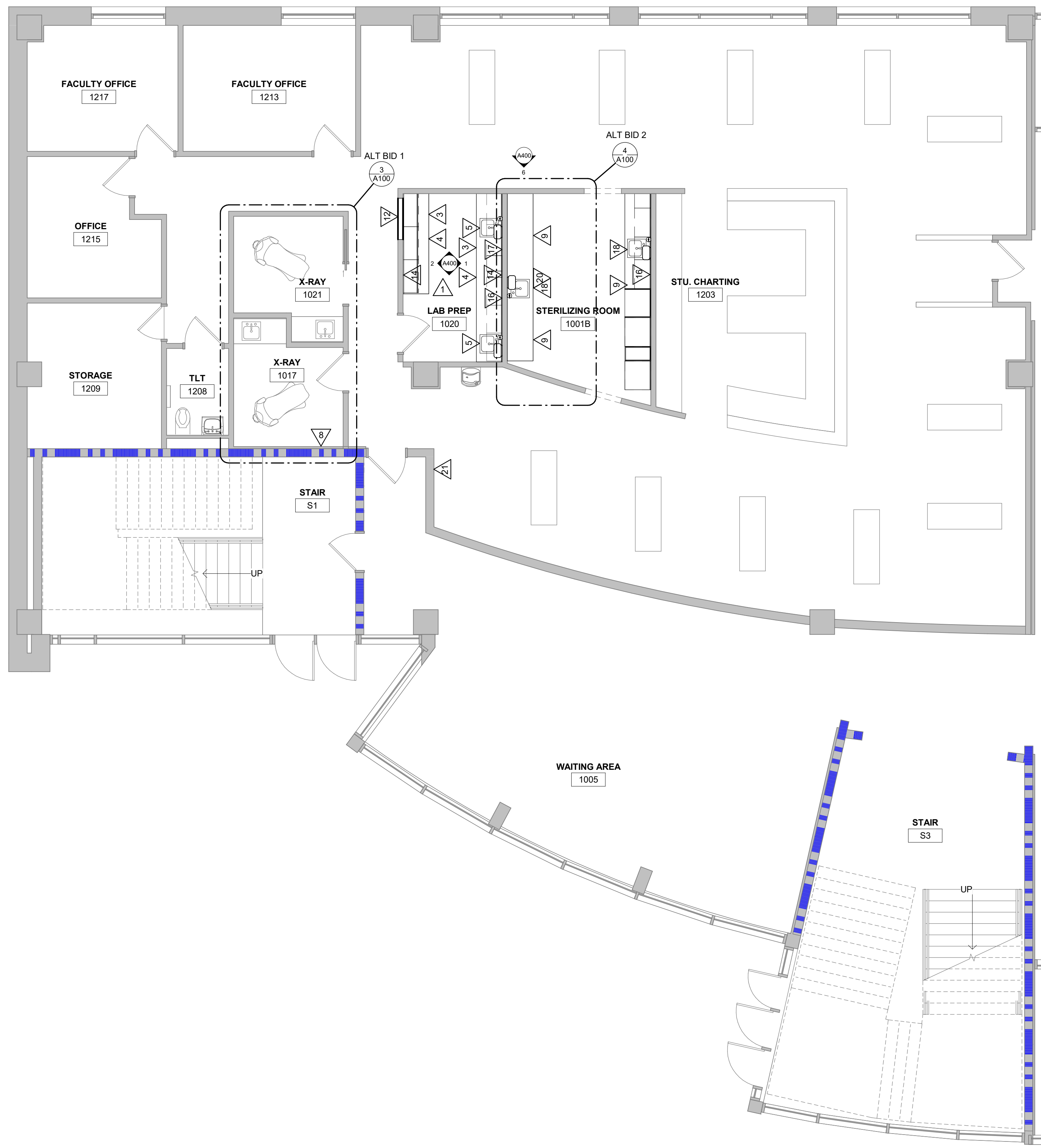
**1** FIRST FLOOR REMOVAL PLAN  
3/16" = 1'-0"

**2** BASEMENT REMOVAL PLAN  
3/16" = 1'-0"

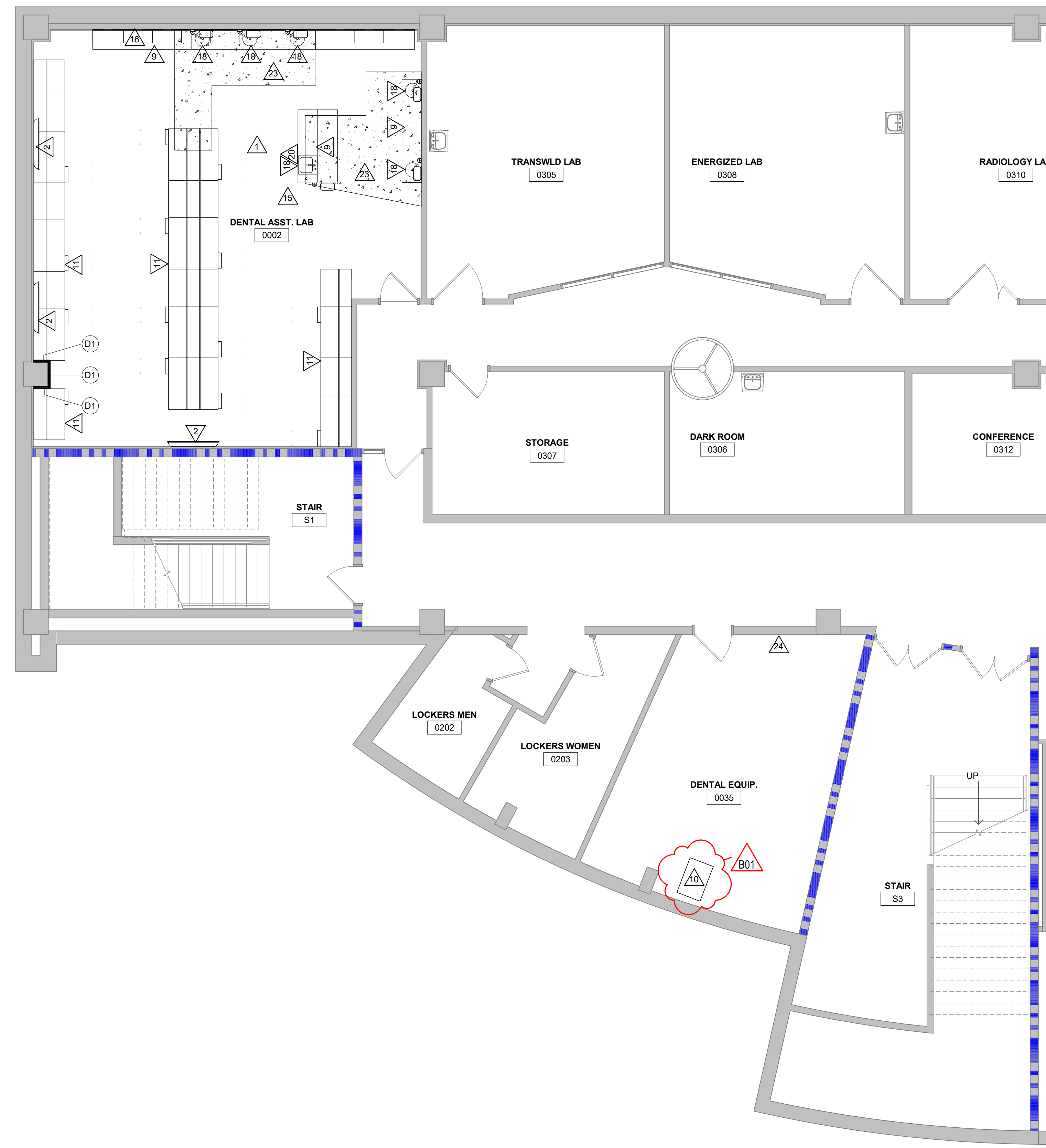


**3** FIRST FLOOR X-RAY REMOVAL PLAN  
3/8" = 1'-0" ALT BID 1

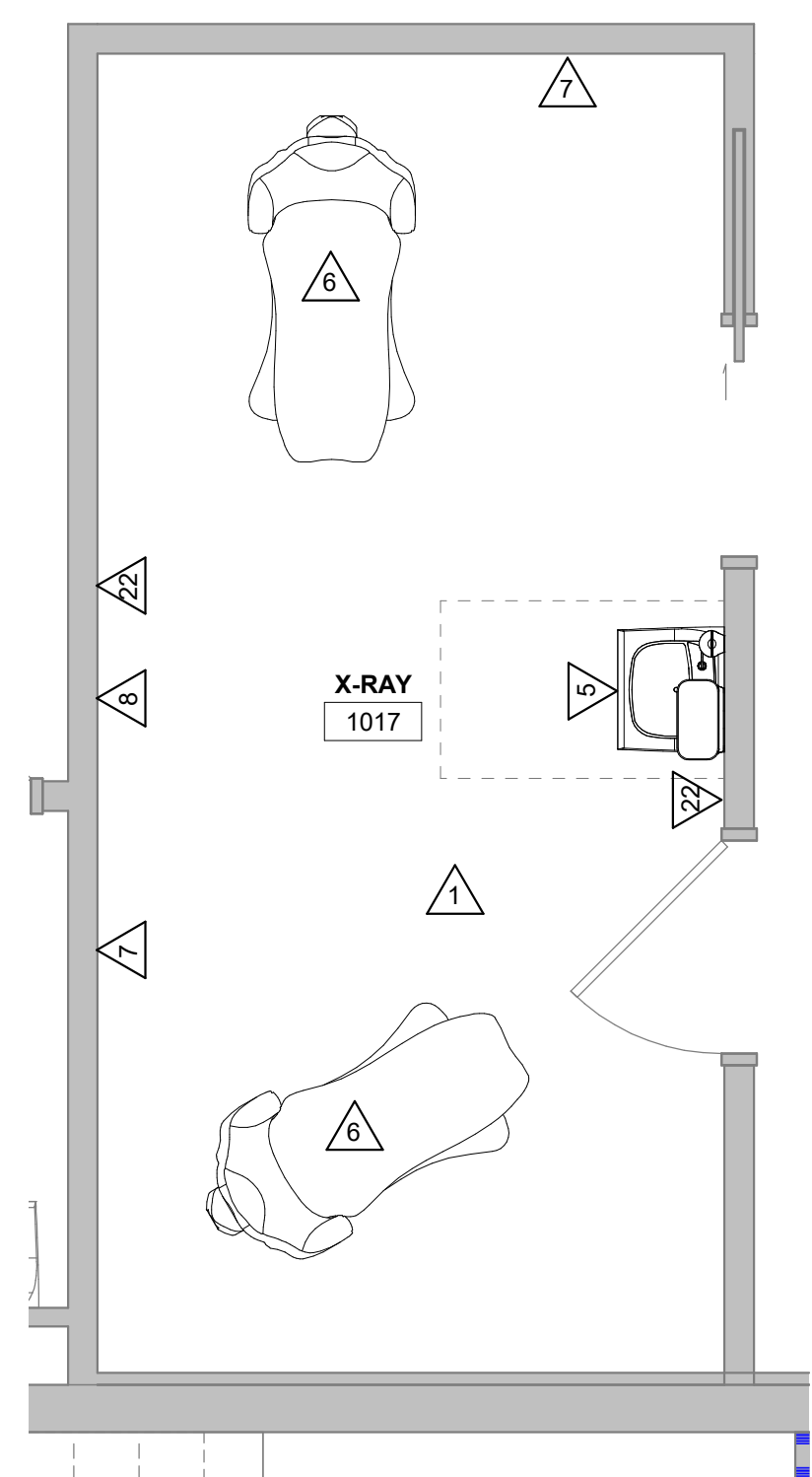
**4** STERILIZATION WEST CABINETRY REMOVAL PLAN  
3/8" = 1'-0" ALT BID 2



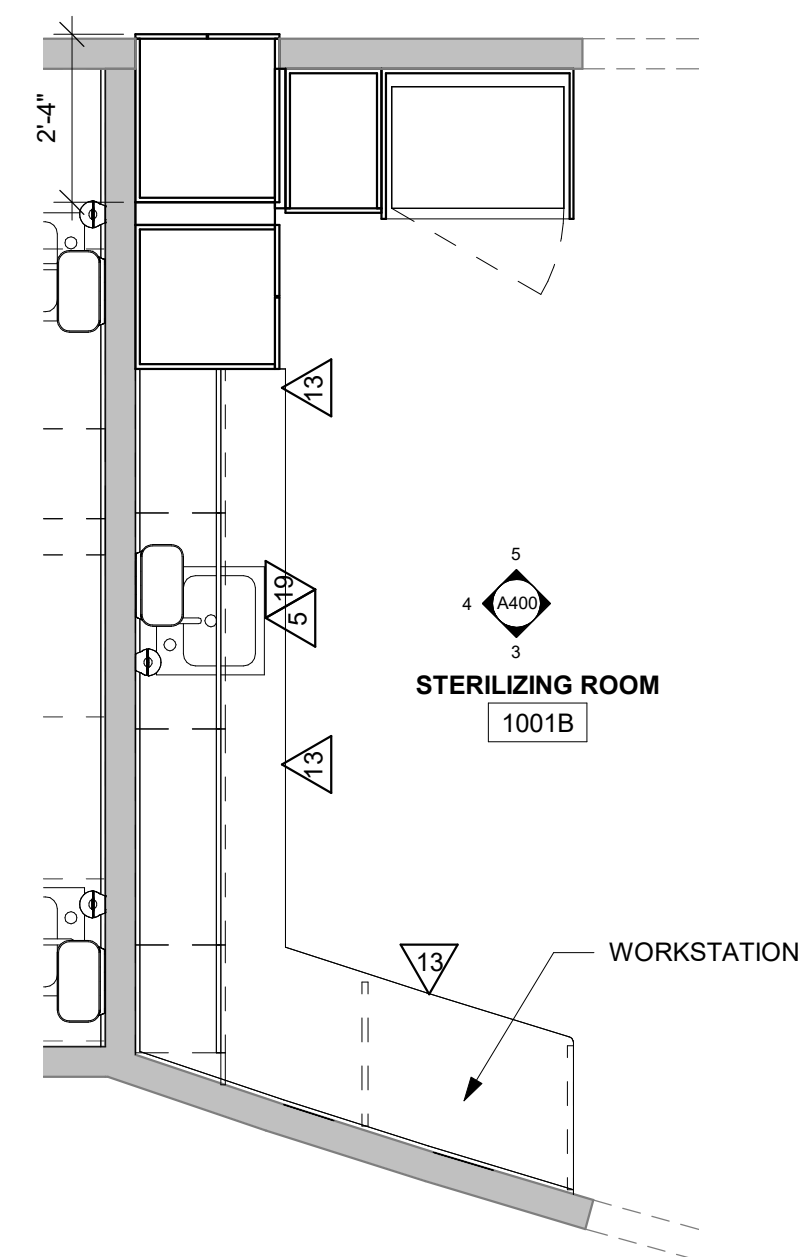
**1** FIRST FLOOR REMODEL PLAN  
3/16" = 1'-0"



**2** BASEMENT REMODEL PLAN  
3/16" = 1'-0"



**3** X-RAY ROOM  
3/8" = 1'-0" ALT BID 1



**4** STERILIZATION WEST CABINETRY  
3/8" = 1'-0" ALT BID 2

**PLAN GENERAL NOTES:**

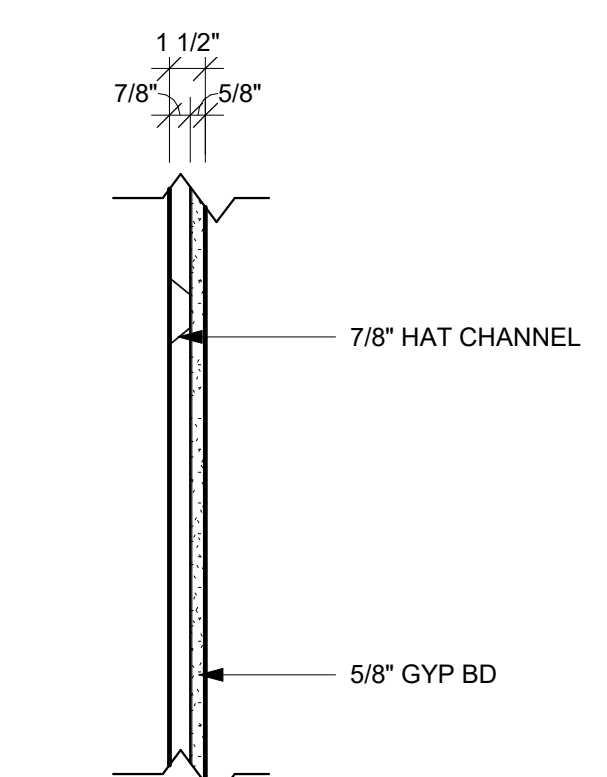
- A. SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS.
- B. LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER.
- C. FIXED EQUIPMENT IS SHOWN ON THIS PLAN FOR COORDINATION. SEE SHEETS A200-A202 FOR ALL EQUIPMENT NOTES.
- D. GENERAL CONTRACTOR TO PROVIDE CONCRETE EQUIPMENT PAD/SUBS AS REQUIRED FOR MECHANICAL, ELECTRICAL EQUIPMENT. VERIFY SIZE, PROFILE & LOCATION WITH MECHANICAL/ELECTRICAL.
- E. VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL/PLUMB AND ELEC OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION.

**PLAN LEGEND:**

- △ SYMBOL INDICATES CONSTRUCTION NOTE THIS SHEET
- ▬ 1 HOUR WALL
- ▬ 2 HOUR WALL

**KEY NOTES PLAN**

1. NEW FLOORING AND WALL BASE - SEE ID
2. WALL MOUNTED MONITOR - VERIFY LOCATION WITH OWNER
3. NEW EPOXY COUNTERTOP
4. INSTALL SALVAGED CASEWORK - SEE A400 FOR ELEVATIONS
5. NEW SINK - SEE PLUMBING
6. INSTALL SALVAGED DENTAL CHAIR - VERIFY LOCATION WITH OWNER
7. INSTALL SALVAGED ERGOTRON - VERIFY LOCATION WITH OWNER
8. CBCT IMAGING UNIT - INSTALLATION AND BLOCKING PER MANUFACTURER
9. NEW CASEWORK PROVIDED AND INSTALLED BY OTHERS
10. NEW COMPRESSOR WITH CONC EQUIPMENT PAD - SEE PLUMBING/ELECT
11. DENTAL SIMULATION BENCHES - PROVIDED AND INSTALLED BY OTHERS
12. INFILL WITH PARTITION TO MATCH ADJACENT
13. NEW CASEWORK AND SOLID SURFACE COUNTERTOP
14. PATCH WALL AT REMOVED PARTITION
15. REINSTALL SALVAGED PROJECTOR - SEE ELECT
16. COMPRESSED AIR VALVE - SEE PLUMBING
17. GAS VALVE - SEE PLUMBING
18. NEW SINK BY OTHERS - SEE PLUMBING
19. INSTALL EYE WASH STATION AT SINK - SEE PLUMBING
20. EYE WASH STATION AT SINK - SUPPLIED BY OTHERS - SEE PLUMBING
21. ERGOTRON - VERIFY LOCATION WITH OWNER
22. PATCH WALL AND SHIELDING AT REMOVED PARTITION - MATCH EXISTING WALL CONSTRUCTION
23. HATCHED AREA INDICATES CONCRETE FLOOR SLAB PATCH
24. NEW ELECTRIC SUBPANEL - SEE ELECT



PARTITION TYPE	PARTITION WIDTH ACTUAL	PARTITION WIDTH NOMINAL	FIRE RATING	UL #	STC RATING
D1	1 1/2"	1 1/2"	-	-	27

**WALL TYPE GENERAL NOTES:**

- A. REFER TO MASTER COLOR SCHEDULE AND INTERIOR DESIGN SHEETS FOR ADDITIONAL WALL FINISHES.
- B. NON RATED WALLS, INCLUDING BULKHEADS SHALL HAVE FRAMING EXTENDED TO DECK ABOVE. GYP BOARD SHALL EXTEND TO 4" ABOVE CEILING UNLESS NOTED OTHERWISE. COLUMN FURRING MAY STOP 4" ABOVE CEILING.



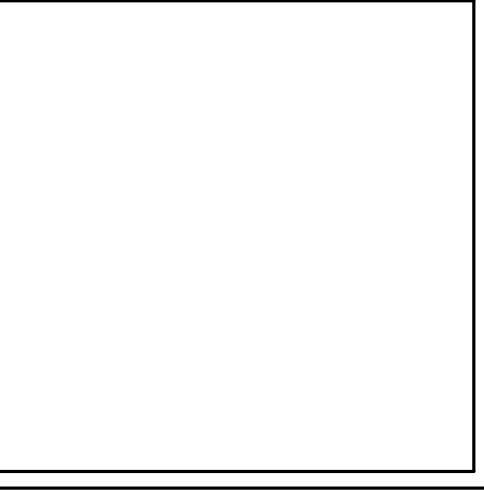
Consultant:

HSR Project Number: 24030  
Project Date: OCTOBER 2024  
Drawn By: KH

Key Plan:

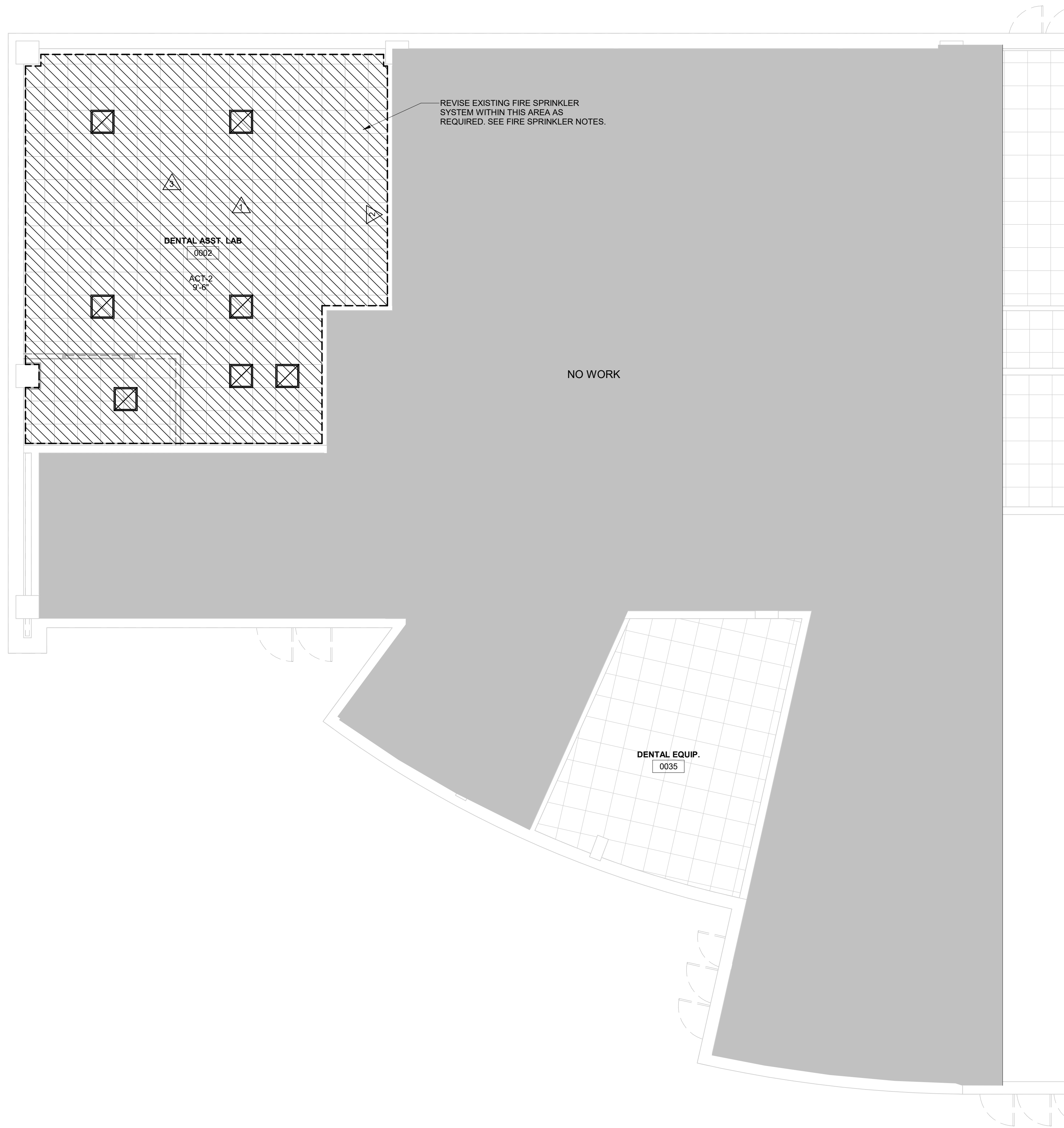
Revisions:

No.	Description	Date
B01	Revision 2	Date 2

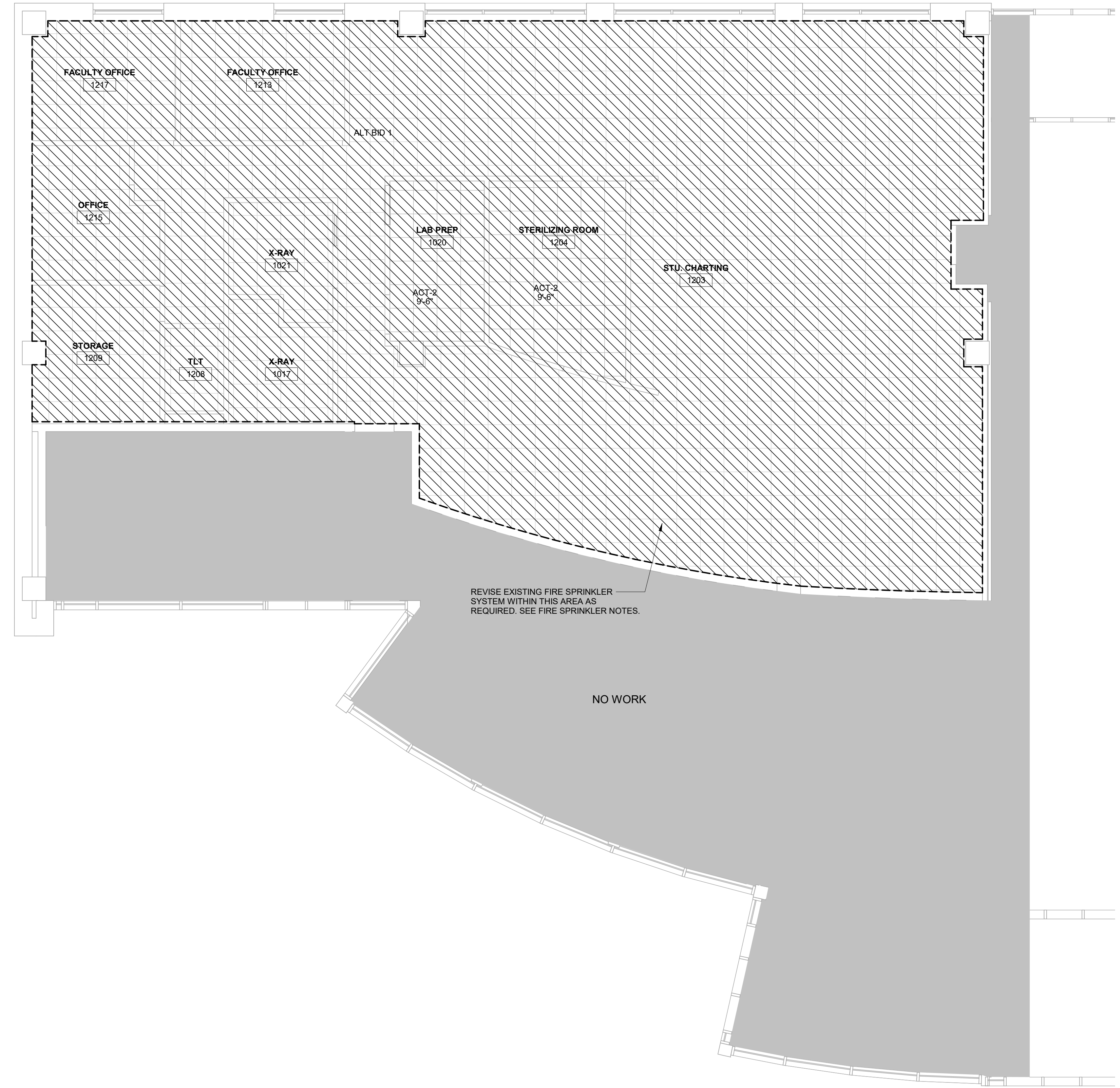


Graphic Scale: VARIES

Last Update: 10/8/2024 1:23:12 PM



**1** **BASEMENT LEVEL PLAN**  
3/16" = 1'-0"



**2** **FIRST FLOOR PLAN**  
3/16" = 1'-0"

**FIRE PROTECTION NOTES:**

CODE: COMPLY WITH ALL LOCAL AND STATE BUILDING CODES. SECURE PERMITS AND APPROVALS FROM PROPER OFFICES AND PAY FEES. FURNISH OWNER WITH ONE COPY OF ALL PERMITS.

COMPLY WITH APPLICABLE STANDARDS.

AUTOMATIC FIRE SPRINKLER SYSTEM SHALL COMPLY WITH NFPA 13.

FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND RELATED ITEMS REQUIRED TO COMPLETE THE WORK INDICATED ON DRAWINGS.

ALL INSTALLATION WORK UNDER THIS SECTION BY A QUALIFIED FIRE PROTECTION SUBCONTRACTOR.

DESIGN SHALL BE COMPLETED AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER OR DESIGNER OR NICET (NATIONAL INSTITUTE OF CERTIFIED ENGINEERING TECHNICIANS) CERTIFIED.

SIZE SPRINKLER SYSTEM BY HYDRAULIC CALCULATIONS WHERE APPLICABLE.

ALL SPRINKLER PIPING IN FINISHED SPACES SHALL BE CONCEALED IN CHASES, PIPE SHAFTS, SOFFITS, FURRED SPACES, OR WALLS EXCEPT MAY BE EXPOSED IN MAINTENANCE, JANITOR ROOMS, CLOSETS, MECHANICAL ROOMS. ALL COSTS ASSOCIATED WITH PROVIDING ADDITIONAL SOFFITS, CHASES, ETC. NOT SHOWN ON ARCHITECTURAL DRAWINGS SHALL BE INCLUDED IN THIS SECTION OF WORK. ADDITIONAL SOFFITS, CHASES, ETC. MUST MEET A/E APPROVAL.

INSTALL SPRINKLERS CENTERED IN THE PORTION OF THE ACOUSTICAL CEILING TILE (ACT) BORDERED BY SCORED LINES ("SECOND LOOK"), REGULAR EDGES AND/OR CEILING GRID, AS APPLICABLE.

TEST ALL PIPING, FITTINGS, HEADS, ETC. AS REQUIRED.



Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION**

Project Location: **1300 BADGER ST  
LA CROSSE, WI**

Sheet Title: **FIRE PROTECTION**

HSR Project Number: **24030**

Project Date: **OCTOBER 2024**

Drawn By: **RGJ**

Key Plan:

No.	Description	Date
A1	Addendum #1	10-08-24

Graphic Scale: **VARIES**

Last Update: **10/8/2024 1:45:26 PM**

**FP100**



HSR ASSOCIATES INC.  
100 MILWAUKEE STREET  
LA CROSSE, WISCONSIN  
PHONE: 608.784.1830  
FAX: 608.782.5844  
www.hsrassociates.com

Consultant:

WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION  
Project Title: WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION  
Project Location: 1300 BADGER ST  
LA CROSSE, WI  
Project Number: 24030  
Sheet Title: GENERAL NOTES

Project Number: 24030

Project Date: OCTOBER 2024

Drawn By: RGJ

Key Plan:

No.	Description	Date
A1	Addendum #1	10-08-24

Graphic Scale: VARIES

Last Update: 10/8/2024 1:45:26 PM

# P000

### PLUMBING FIXTURE SCHEDULE

FIXTURE SYMBOL	DESCRIPTION	MANUFACTURER	MODEL	MATERIAL DESCRIPTION	TRIM		PIPE CONNECTIONS				SPECIFICATIONS			
					MANUFACTURER	MODEL NO.	SANITARY ROUGH-IN PIPE DIAMETER	SANITARY CONNECTOR	VENT	COLD WATER ROUGH-IN PIPE DIAMETER		COLD WATER CONNECTOR	HOT WATER ROUGH-IN PIPE DIAMETER	HOT WATER CONNECTOR
AC-1	AIR COMPRESSOR	QUINCY	QGSV-20S-TMD	STAINLESS STEEL			2"	4		1/2"	3	1/2"	1.4	
DW-1	DISHWASHER	BY OTHERS												
EEW-1	EMERGENCY EYE WASH	BRADLEY	S19-465EFW											
S-1	SINK - SINGLE	ELKAY	LRAD151756PD-MR2	STAINLESS STEEL	DELTA	1903-DST	1 1/2"	1	1 1/2"	1/2"	0.5	1/2"	0.5	SINGLE COMPARTMENT, ADA COMPLIANT, SELF-RIMMING, 18 GAUGE, SINGLE LEVER SWIVEL FAUCET, ONE ELKAY MODEL NO. LK35 BASKET STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS.
S-2	SINK - SINGLE	BY OTHERS					1 1/2"	1	1 1/2"	1/2"	1	1/2"	1	
S-3	SINK - SINGLE	ELKAY	ELUHAD141456PD-MR2	STAINLESS STEEL	DELTA	1903-DST	1 1/2"	1	1 1/2"	1/2"	0.5	1/2"	0.5	SINGLE COMPARTMENT, ADA COMPLIANT, UNDERMOUNT, 18 GAUGE, SINGLE LEVER SWIVEL FAUCET, ONE ELKAY MODEL NO. LK35 BASKET STRAINER, P-TRAP, TAILPIECES, SUPPLIES AND STOPS. INSULATE WATER AND WASTE TO MEET ADA REQUIREMENTS.

### ABBREVIATIONS:

CWFU	COLD WATER FIXTURE UNIT
DFU	DRAINAGE FIXTURE UNIT
PFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FU	FIXTURE UNIT
HWFU	HOT WATER FIXTURE UNIT
TFA	TO FLOOR ABOVE
TFB	TO FLOOR BELOW

### GENERAL PLUMBING NOTES:

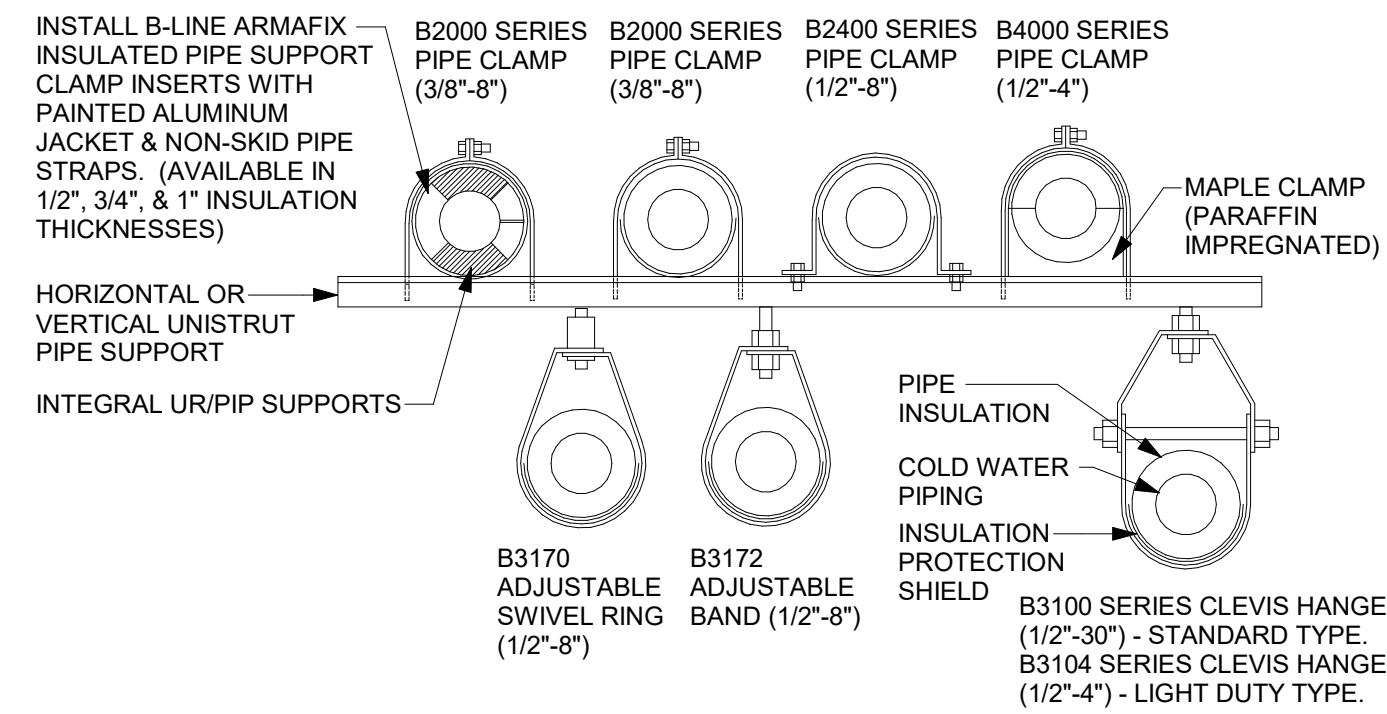
- BUILDING SYSTEMS MUST REMAIN OPERATIONAL, UNLESS OTHERWISE PERMITTED BY OWNER. COORDINATE AS REQUIRED.
- PATCH ALL HOLES THROUGH FLOORS, WALLS, CEILING, TRIM, AND PARTITIONS AS DIRECTED BY OWNER.
- ALL WORK TO BE SCHEDULED AS DIRECTED BY OWNER.
- VISIT THE BUILDING SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK.
- VERIFY ALL MEASUREMENTS, PIPE SIZES, PIPE LOCATIONS, ELEVATIONS, ETC. AT SITE.
- REVIEW, COORDINATE, AND SCHEDULE INSTALLATION OF WORK WITH OTHER TRADES.
- INSTALL ALL WORK SUBSTANTIALLY AS SHOWN ON THE DRAWINGS UNLESS OTHERWISE APPROVED BY OWNER.
- INSTALL ALL WORK SUBSTANTIALLY AS SHOWN ON THE DRAWINGS. DEVIATIONS FROM LOCATIONS OF PIPING INDICATED ON THE DRAWINGS MAY HAVE TO BE MADE AT NO ADDITIONAL COST TO THE OWNER IN ORDER TO CLEAR THE WORK OF THE OTHER TRADES. HOWEVER, ALL SUCH DEVIATIONS SHALL BE PREVIOUSLY APPROVED BY THE OWNER'S REPRESENTATIVE.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES, STRUCTURAL DIMENSIONS AND LAYOUT.
- IT IS THE INTENT OF THESE DRAWINGS THAT EACH AFFECTED SYSTEM BE COMPLETE, WORKING, TESTED, AND OPERATIONAL. THE ENGINEER RESERVES THE RIGHT TO FINAL DECISION.
- BRING TO THE ATTENTION OF THE ENGINEER PRIOR TO BID OPENING. INCLUDE ALL PLUMBING RELATED CUTTING, PATCHING AND/OR REMOVAL AND REPLACEMENT OF EXISTING WALLS, FLOORS & CEILING UNLESS OTHERWISE INDICATED.
- NO JOINTS SHALL BE INSTALLED IN UNDERFLOOR WATER PIPING.
- ALL WATER PIPING SHALL BE SO INSTALLED TO FACILITATE COMPLETE DRAINAGE.
- ALL FIXTURE WATER SUPPLY FLOW RATES SHALL CONFORM TO SPS 382.20(3).
- DOMESTIC WATER PIPE SIZING SHALL CONFORM TO SPS 382.40(7), FRICTION LOSS METHOD AND MAXIMUM FLOW VELOCITY OF 8 FPS, CONFORMING TO SPS 382.41(3).
- BACKFLOW PROTECTION SHALL BE PROVIDED TO ALL FIXTURES, CONFORMING TO SPS 382.41(3).
- EACH FIXTURE SHALL BE VALVED, CONFORMING TO SPS 382.40(4)(c)(b).
- TERMINATE WATER AND SANITARY LATERAL 5'-0" BEYOND EXTERIOR FACE OF FOUNDATION WALL. CONTINUATION SHALL BE UNDER A SEPARATE CONTRACT.
- UNLESS NOTED OTHERWISE ALL WASTE AND DRAIN PIPING 3" AND LARGER SHALL BE INSTALLED AT A SLOPE OF 1/8" PER FOOT AND WASTE AND DRAIN PIPING 2" AND SMALLER AT 1/4" PER FOOT.
- CONNECT VENT PIPING ABOVE THE CENTERLINE OF HORIZONTAL DRAIN PIPING IN CONFORMANCE TO SPS 382.31(1)(b)(1).
- FIXTURE VENTS SHALL CONNECT TO OTHER BRANCH VENTS A MINIMUM OF 36" ABOVE THE FLOOR, CONFORMING TO SPS 382.31(1)(b)(3).
- THE INSTALLATION OF PVC DWV PIPING IN BUILDING SHALL CONFORM TO SPS 384.04(14), WHEN APPLICABLE.
- WASTE STACK BASE CONNECTIONS SHALL BE MADE USING LONG SWEEP FITTINGS.
- CLEANOUTS SHALL CONFORM TO SPS 382.35(9) TABLE R2.35.
- ALL WATER CLOSETS SHALL BE WATER CONSERVING TYPE, USING A MAXIMUM OF 1.6 GALLONS PER FLUSH CONFORMING TO SPS 384.20(3).
- ALL SINK FAUCETS SHALL USE A MAXIMUM OF 2.2 GPM, CONFORMING TO SPS 384.20(3).
- ALL LINE VALVES WHICH SERVE TWO OR MORE PLUMBING FIXTURES SHALL HAVE A FLOW OPENING NOT LESS THAN ONE NOMINAL PIPE SIZE SMALLER THAN THE NOMINAL SIZE OF THE PIPING CONNECTING TO THE VALVE, CONFORMING TO SPS 384.30(5)(b).
- CUTTING, NOTCHING OR BORING OF METAL STUD WALL SYSTEM IS NOT PERMITTED UNLESS APPROVED BY THE MANUFACTURER AND THE STRUCTURAL INTEGRITY HAS NOT BEEN REDUCED TO UNACCEPTABLE LEVELS.
- PLASTIC PIPE MAY PENETRATE REQUIRED FIRE-RESISTIVE RATED FLOORS, WALLS, CEILING AND FIRE RATED ASSEMBLIES PROTECTED WITH AN APPROVED FIRE-STOP SYSTEM HAVING AN F-RATING NOT LESS THAN THE HOURLY RATING OF THE ASSEMBLY BEING PENETRATED.
- CORE DRILL OPENINGS IN EXISTING FLOOR/WALL, AS REQUIRED, SIZE OF OPENINGS SHALL NOT EXCEED 1" LARGER THAN THE O.D. OF THE PIPING PENETRATING THE ASSEMBLY. COORDINATE WITH DRY-FIT FIRE STOPPING REQUIREMENTS.
- IDENTIFY PIPING LOCATED ABOVE CEILING PRIOR TO CEILING GRID INSTALLATION.

### FIXTURE UNIT SUMMARY

FIXTURE SYMBOL	FIXTURE DESCRIPTION	PIPE SIZE									
		COUNT	WASTE	VENT	CW	HW	DFU	CWFU	HWFU		
AC-1	AIR COMPRESSOR	1	0	0	0	0	0	0	0	0	0
DW-1	DISHWASHER	1	2"		1/2"	1/2"	4	3	1.4		
EEW-1	EMERGENCY EYE WASH	2					0	0	0		
S-1	SINK - SINGLE	4	1 1/2"	1 1/2"	1/2"	1/2"	4	2	2		
S-2	SINK - SINGLE	6	1 1/2"	1 1/2"	1/2"	1/2"	6	6	6		
S-3	SINK - SINGLE	1	1 1/2"	1 1/2"	1/2"	1/2"	1	0.5	0.5		
Grand total: 15							15	11.5	9.9		

### PLUMBING SHEET INDEX

FP100	FIRE PROTECTION
P000	GENERAL NOTES
P090	REMOVAL PLANS
P100	BASEMENT PLAN
P101	FIRST FLOOR PLAN
P200	DWV AND WATER ISOMETRIC

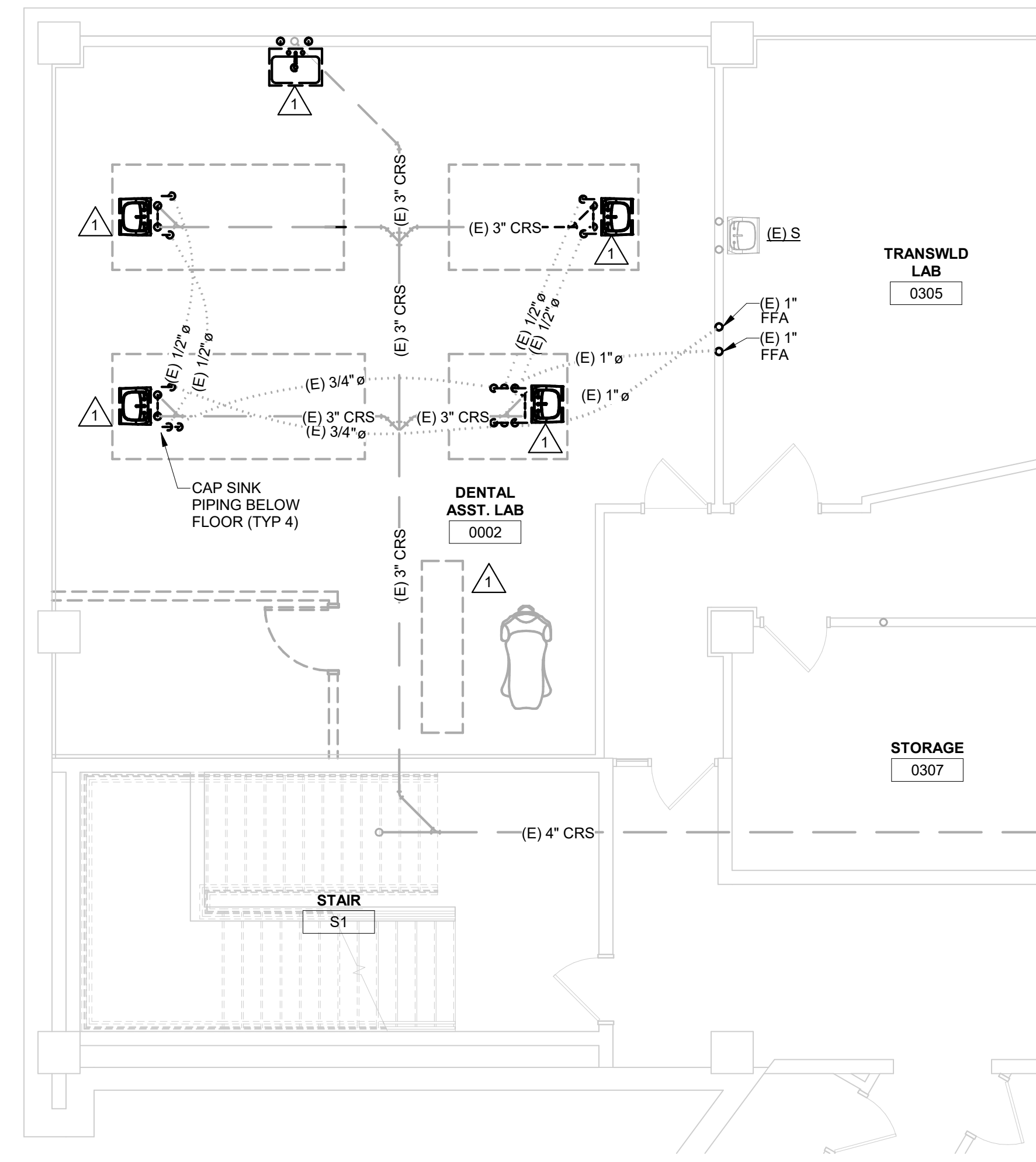


## 1 PIPE SUPPORT DETAIL

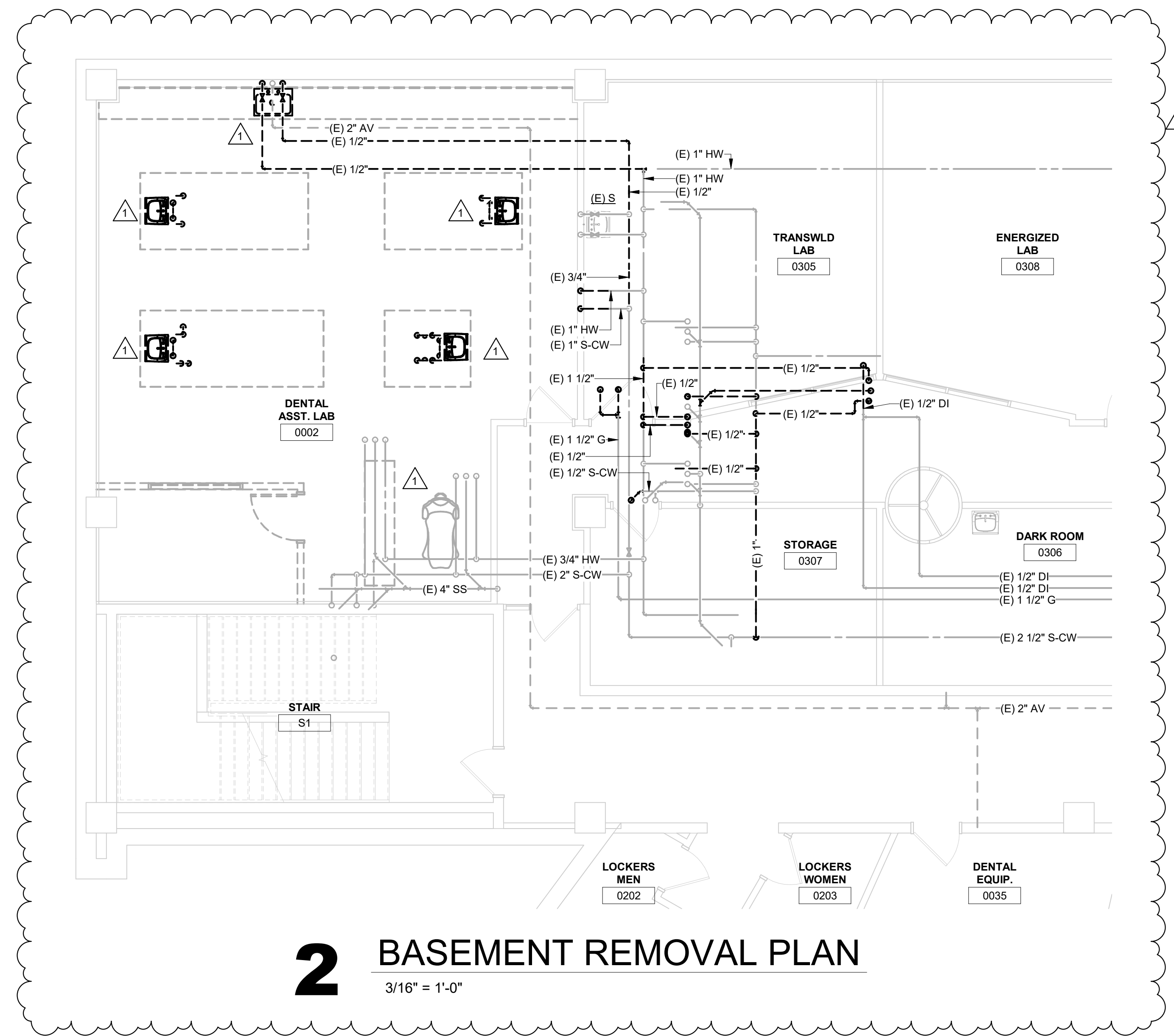
1/8" = 1'-0"



Consultant:

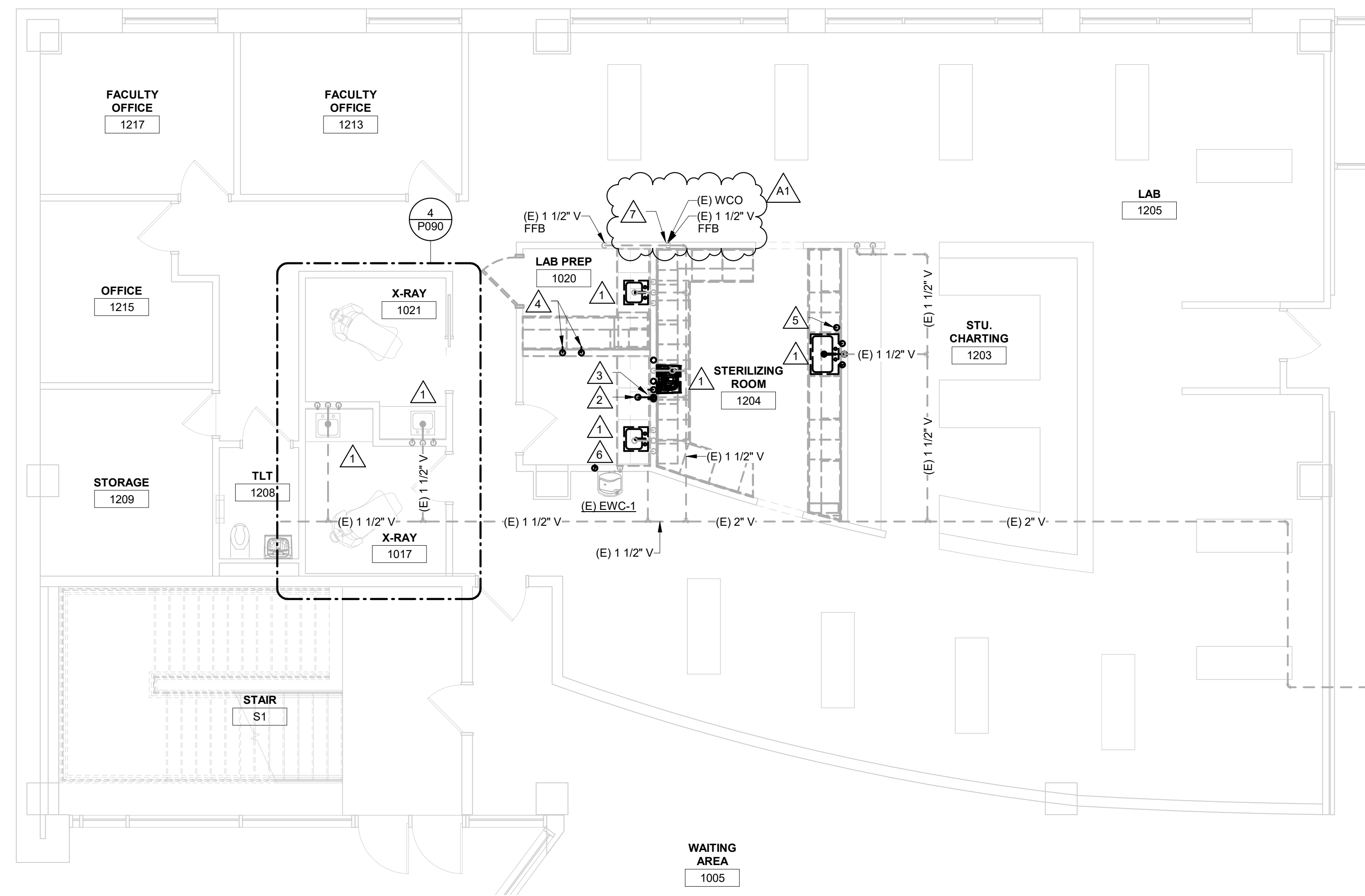


**1 UNDERFLOOR REMOVAL PLAN**  
3/16" = 1'-0"

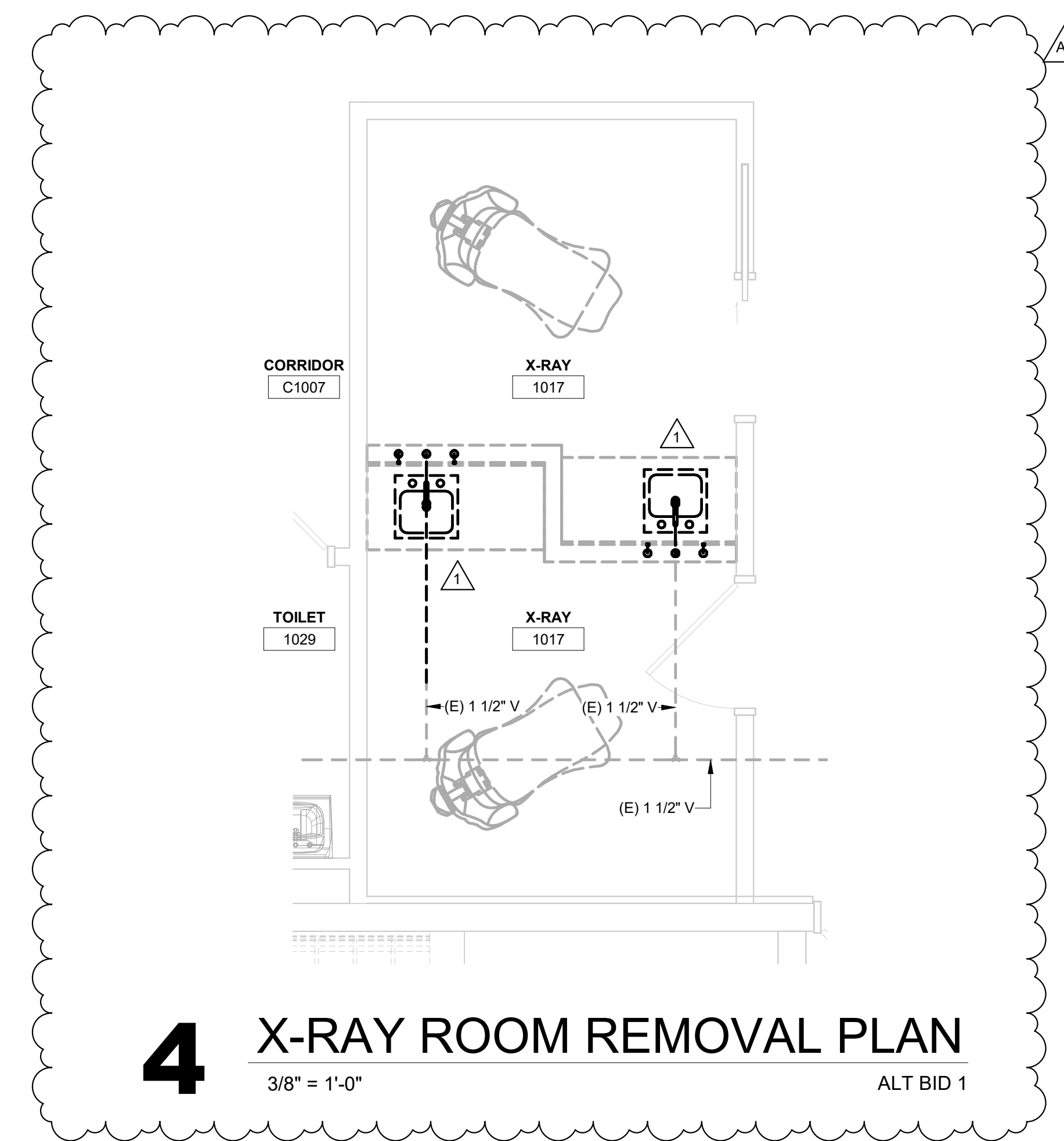


**2 BASEMENT REMOVAL PLAN**  
3/16" = 1'-0"

FIXTURE REMOVAL	
Number	Description
1	SINK
2	SITE WASTE
3	MIXING VALVE
4	GAS TURRET
5	DI WATER
6	COLD WATER SUTLIF
7	RELOCATE VENTING AROUND NEW CABINERY - ALT BID #2



**3 FIRST FLOOR REMOVAL PLAN**  
3/16" = 1'-0"



**4 X-RAY ROOM REMOVAL PLAN**  
3/8" = 1'-0" ALT BID 1

Project Title: WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION

Project Location: 1300 BADGER ST  
LA CROSSE, WI

Sheet Title: REMOVAL PLANS

HSR Project Number: 24030

Project Date: OCTOBER 2024

Drawn By: RGJ

Key Plan:

No.	Description	Date
A1	Addendum #1	10-08-24

Graphic Scale: VARIES

Last Update: 10/8/2024 1:45:29 PM

**P090**



Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION**

Project Location: 1300 BADGER ST  
LA CROSSE, WI

HSR Project Number: **24030**

Project Date: **OCTOBER 2024**

Drawn By: **RGJ**

Key Plan:

Revisions:

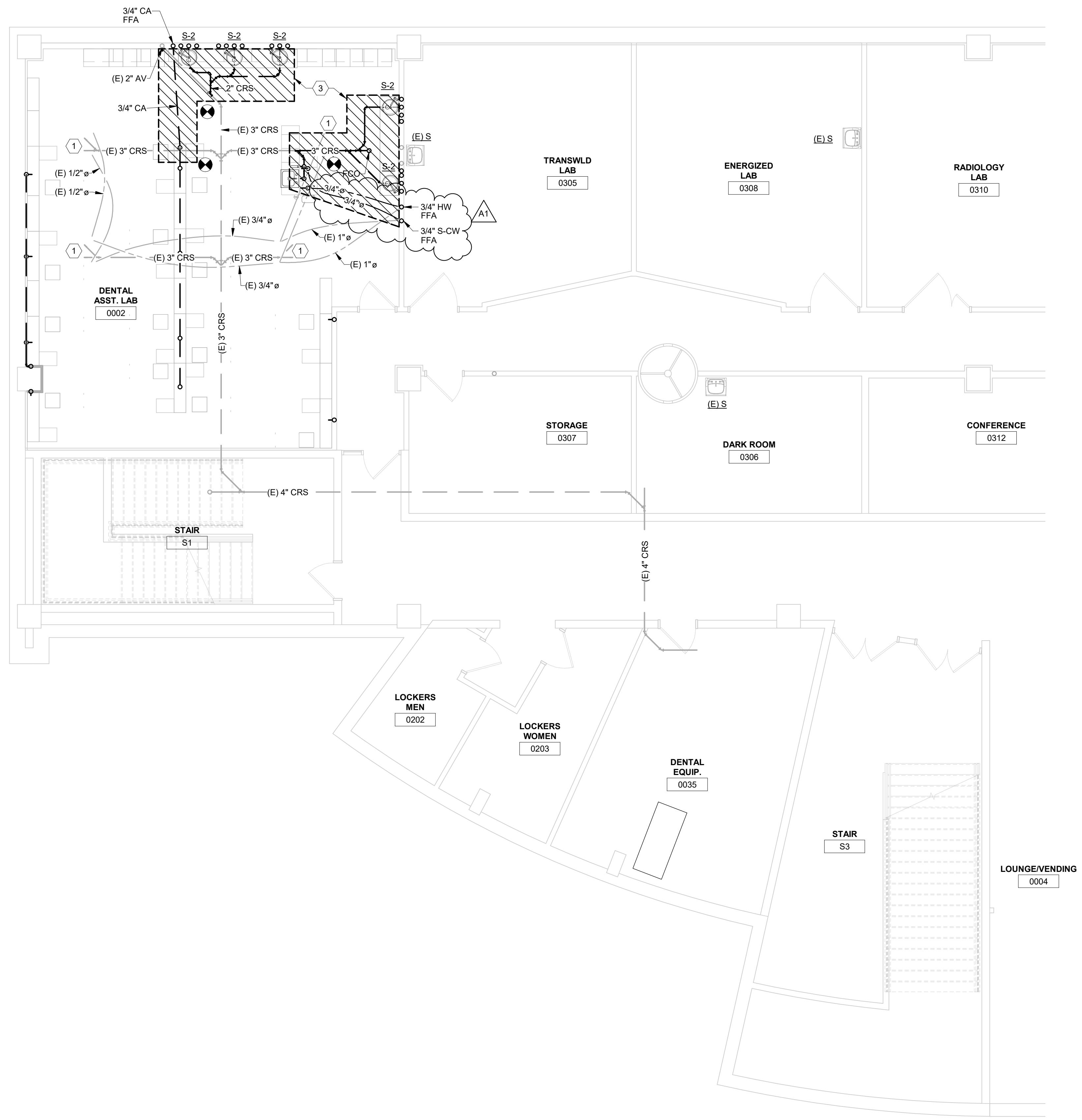
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A1	Addendum #1	10-08-24

Graphic Scale: **VARIES**

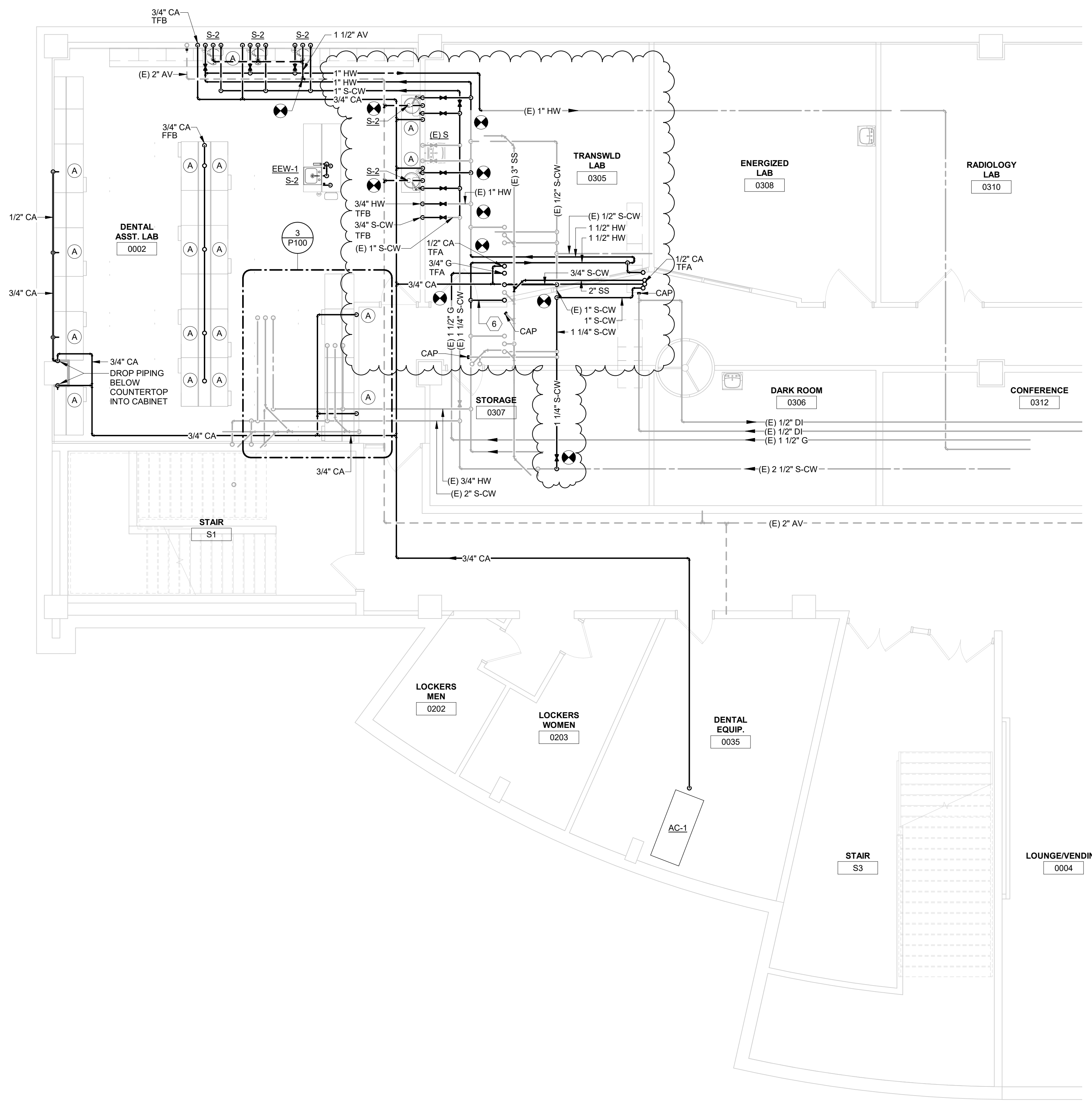
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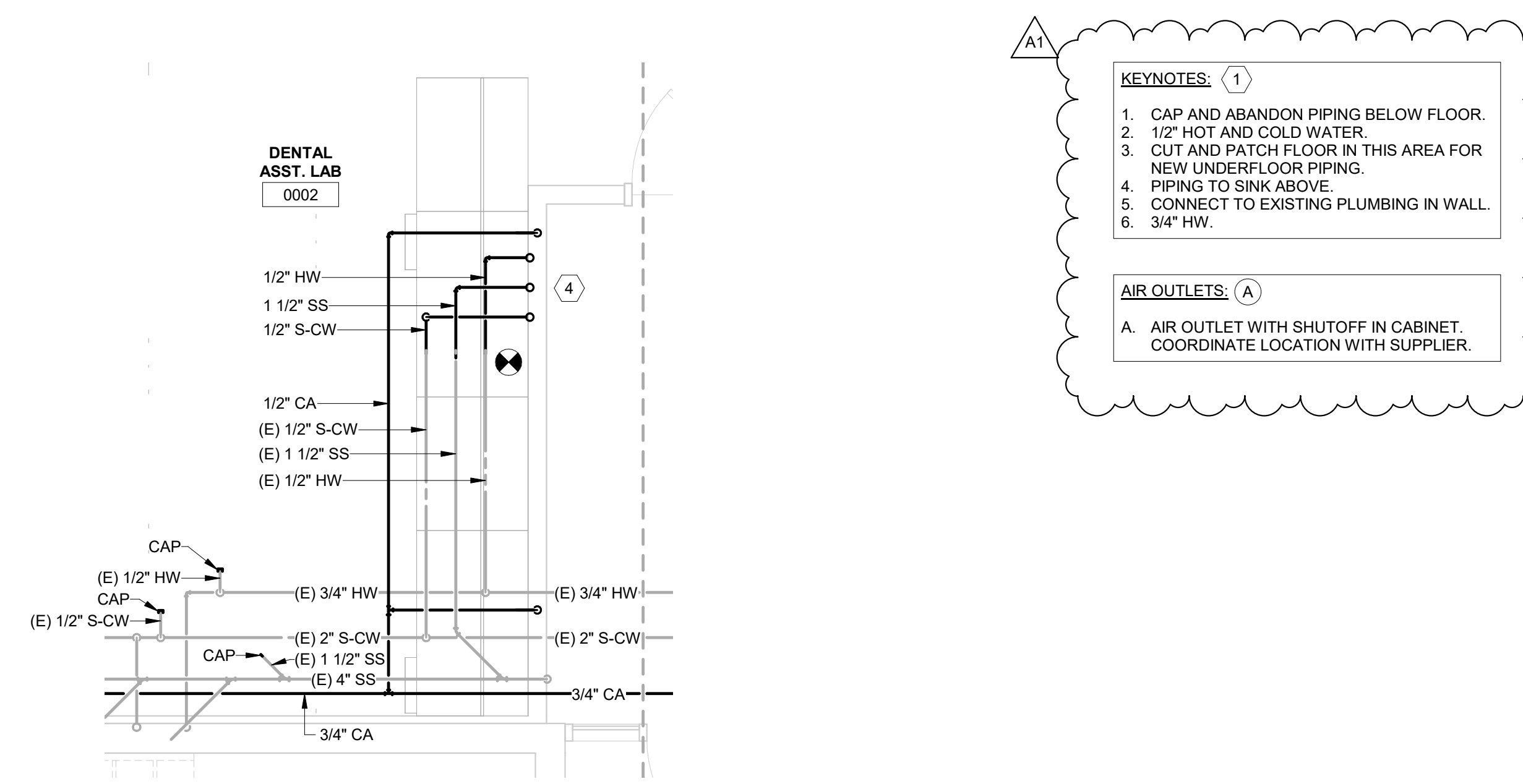
**P100**



**1 UNDERFLOOR PLAN**  
3/16" = 1'-0"



**2 BASEMENT REMODEL PLAN**  
3/16" = 1'-0"



**3 DENTAL ASST. LAB**  
3/8" = 1'-0" ALT BID 1

- KEYNOTES:** (1)
- CAP AND ABANDON PIPING BELOW FLOOR.
  - 1/2" HOT AND COLD WATER.
  - CUT AND PATCH FLOOR IN THIS AREA FOR NEW UNDERFLOOR PIPING.
  - PIPING TO SINK ABOVE.
  - CONNECT TO EXISTING PLUMBING IN WALL.
  - 3/4" HW.
- AIR OUTLETS:** (A)
- A. AIR OUTLET WITH SHUTOFF IN CABINET. COORDINATE LOCATION WITH SUPPLIER.





Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION**  
Project Location: 1300 BADGER ST  
LA CROSSE, WI  
Sheet Title: **FIRST FLOOR PLAN**

HSR Project Number: **24030**

Project Date: **OCTOBER 2024**

Drawn By: **RGJ**

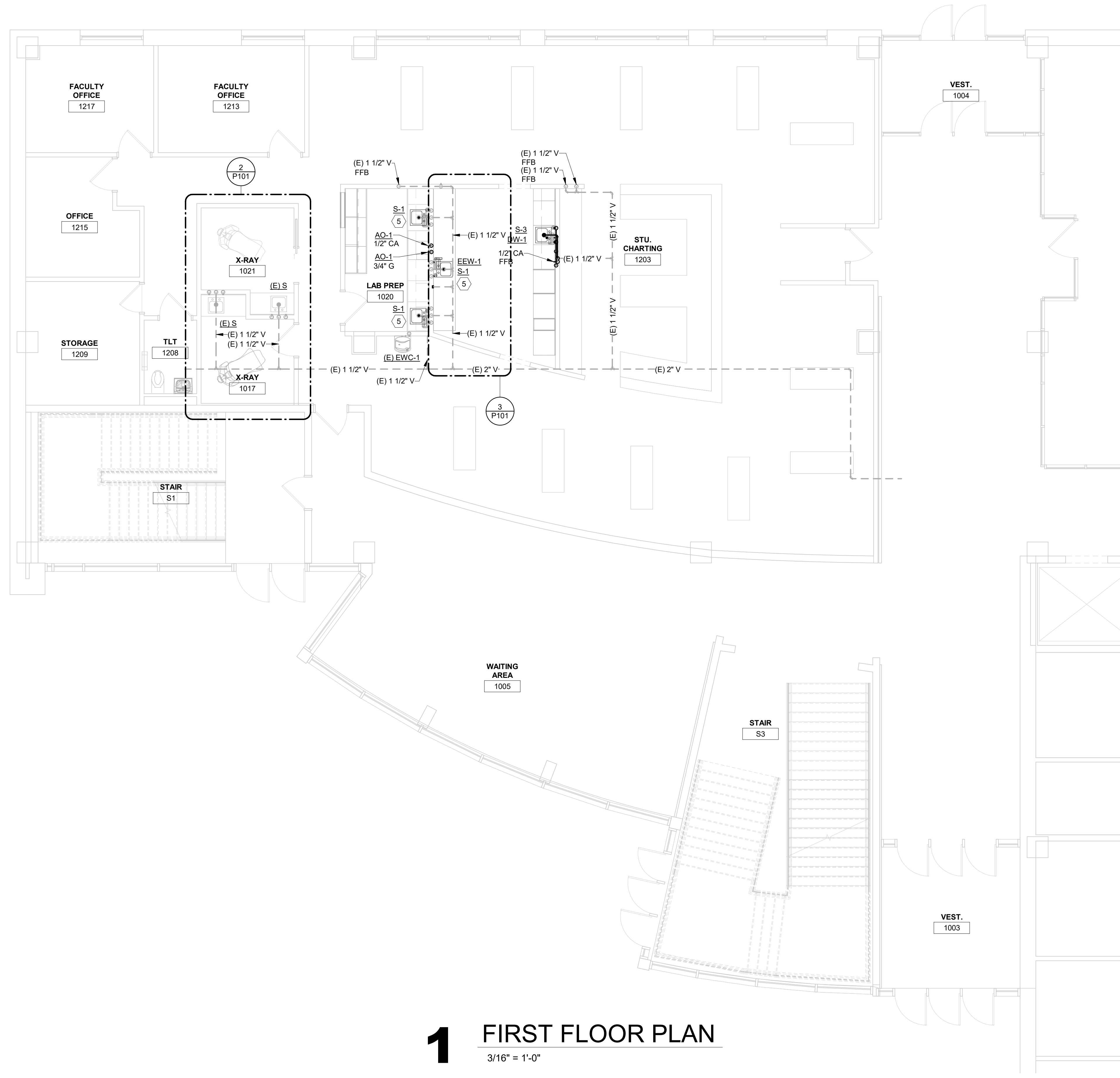
Key Plan:

No.	Description	Date
A1	Addendum #1	10-08-24

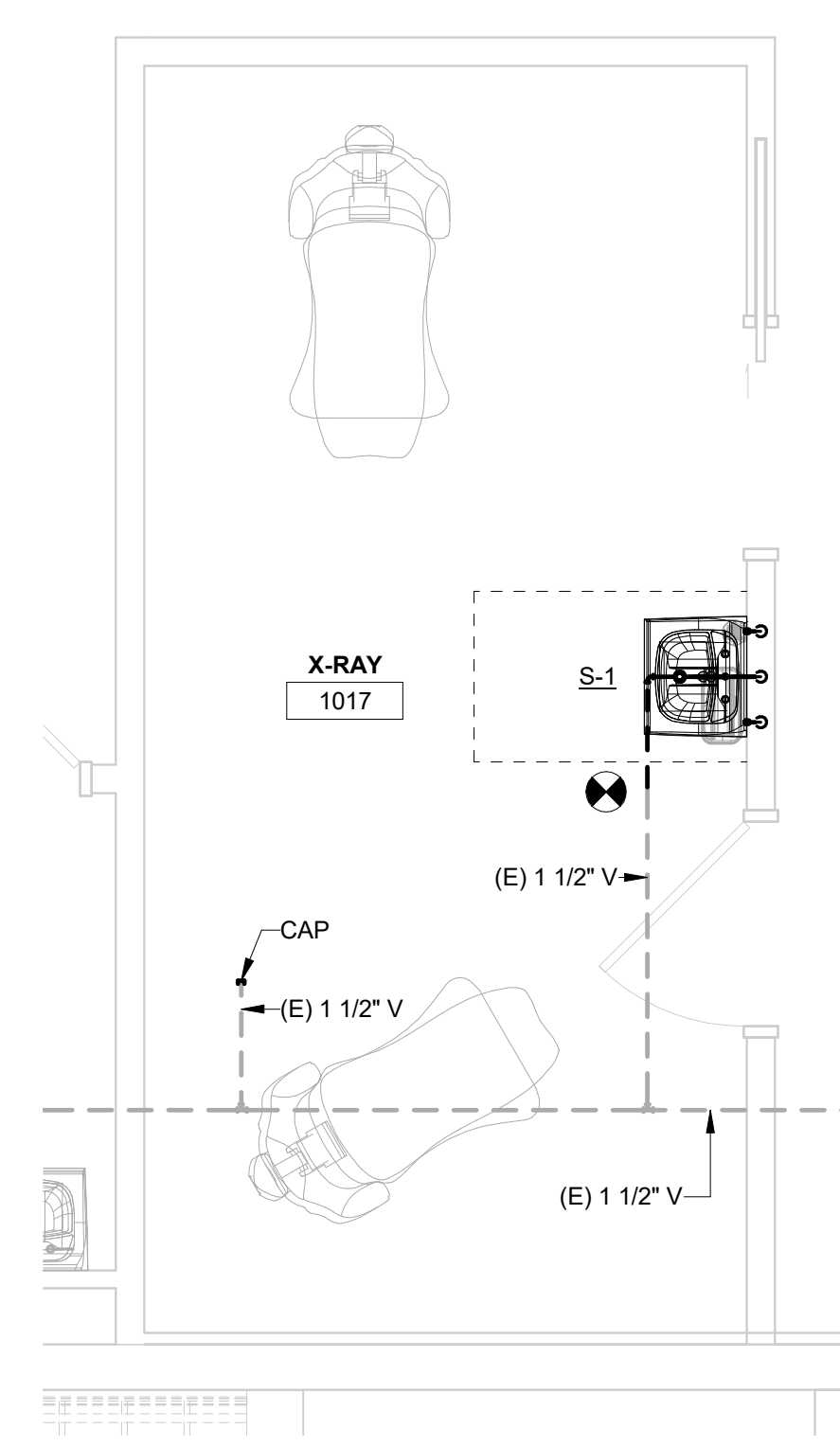
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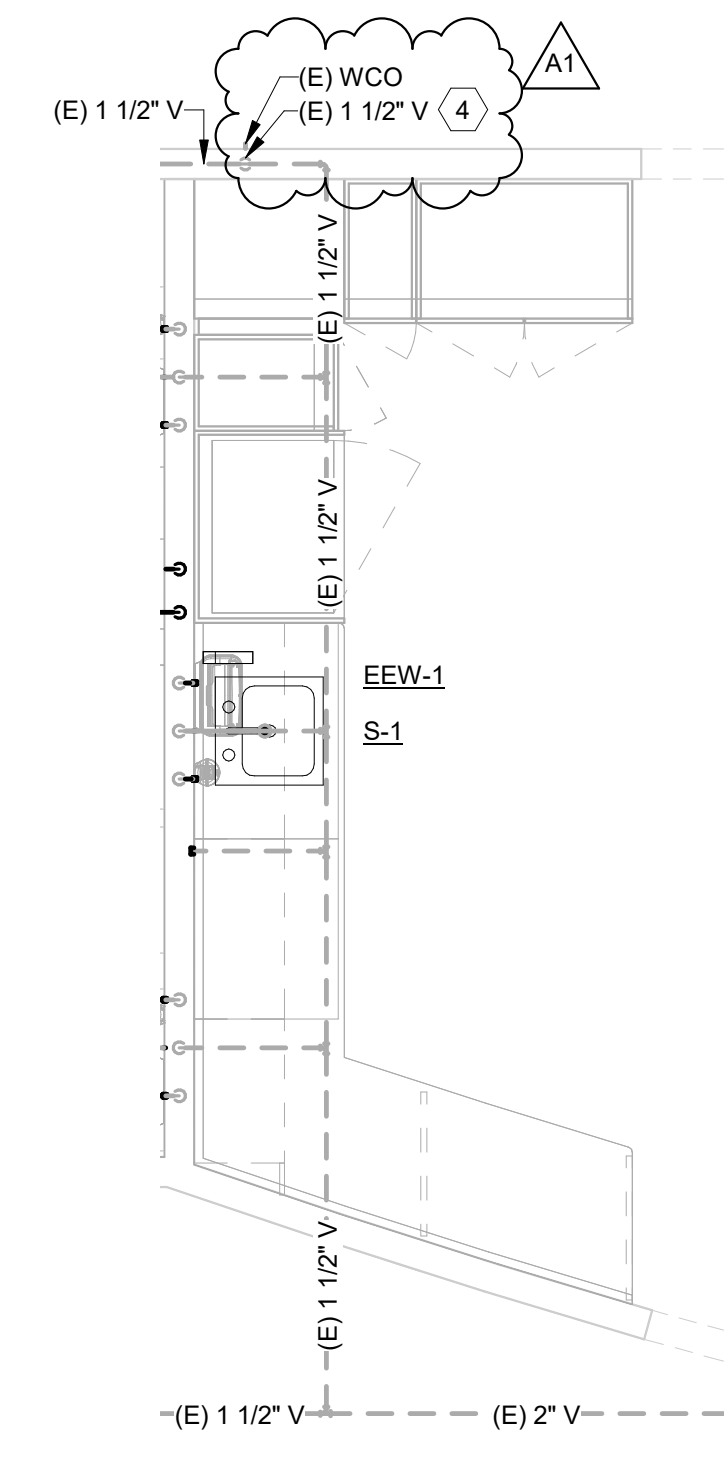
**P101**



**1** **FIRST FLOOR PLAN**  
3/16" = 1'-0"



**2** **X-RAY ROOM**  
3/8" = 1'-0" ALT BID 1



**3** **STERILIZATION WEST CABINETRY**  
3/8" = 1'-0" ALT BID 2

- KEYNOTES: ①
- CAP AND ABANDON PIPING BELOW FLOOR.
  - 1/2" HOT AND COLD WATER.
  - CUT AND PATCH FLOOR IN THIS AREA FOR NEW UNDERFLOOR PIPING.
  - REROUTE EXISTING 1 1/2" VENT AROUND NEW IN WALL CABINET. SEE ARCH FOR LOCATION. ALT BID #2
  - CONNECT TO EXISTING PLUMBING IN WALL.
  - 3/4" HW.



Consultant:

WESTERN TECHNICAL COLLEGE  
HSC DENTAL RENOVATION

Project Location: 1300 BADGER ST  
LA CROSSE, WI

DWV AND WATER ISOMETRIC

Project Title:

HSR Project Number: 24030

Project Date: OCTOBER 2024

Drawn By: RGJ

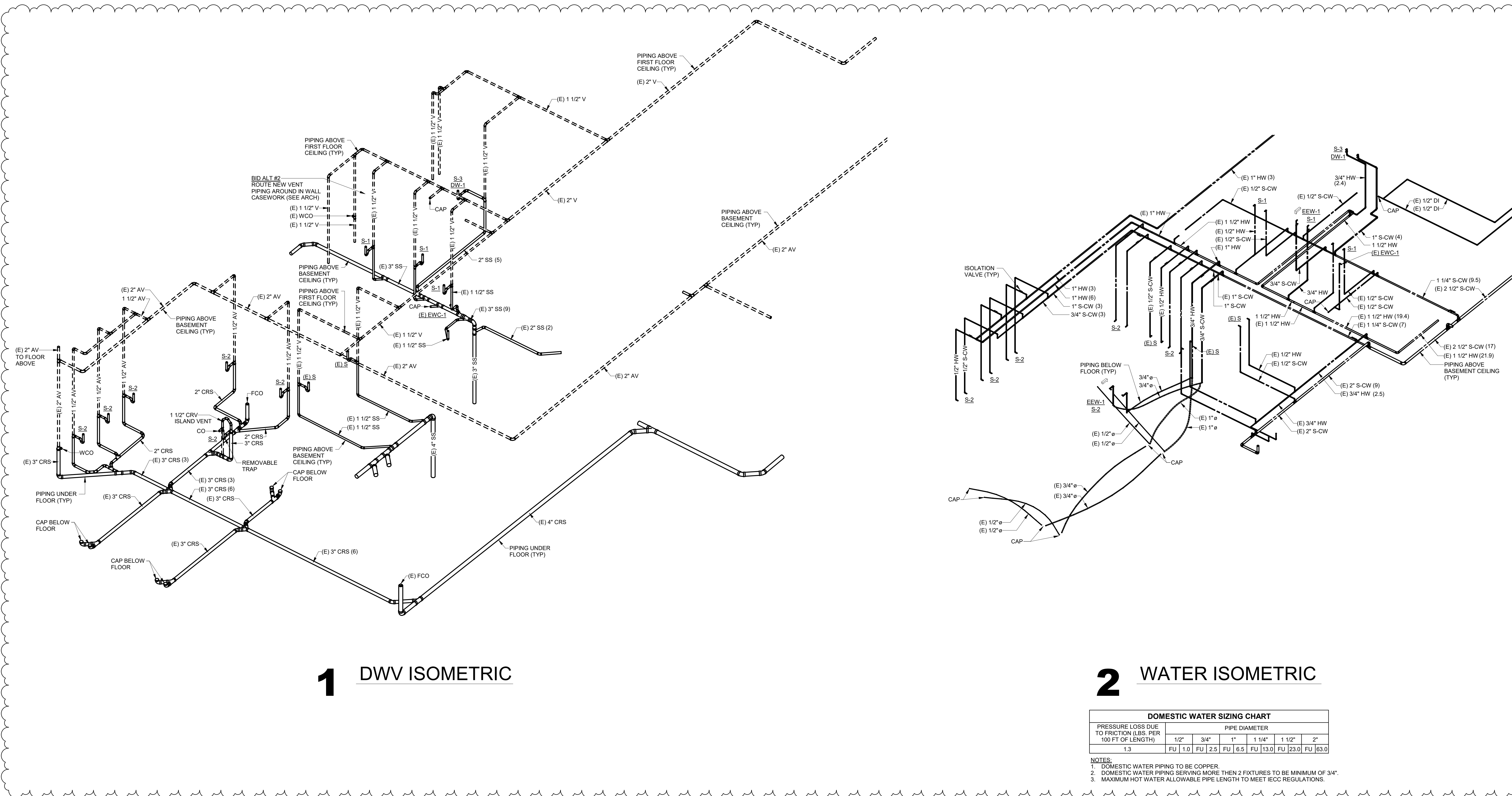
Key Plan:

No.	Description	Date
A1	Addendum #1	10-08-24

Graphic Scale: VARIES

Last Update: 10/8/2024 1:45:35 PM

P200



**1** DWV ISOMETRIC

**2** WATER ISOMETRIC

PRESSURE LOSS DUE TO FRICTION (LBS. PER 100 FT OF LENGTH)	PIPE DIAMETER					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
1.3	FU 1.0	FU 2.5	FU 6.5	FU 13.0	FU 23.0	FU 63.0

- NOTES:  
1. DOMESTIC WATER PIPING TO BE COPPER.  
2. DOMESTIC WATER PIPING SERVING MORE THAN 2 FIXTURES TO BE MINIMUM OF 3/4".  
3. MAXIMUM HOT WATER ALLOWABLE PIPE LENGTH TO MEET IECC REGULATIONS.