

**ADDENDUM 01**

Addendum #	01	Date Issued	03/21/2025
Project Name Job #	SWN 0509, Waneta Hall Renovate Restrooms	OSE #	R0325--15X
		EAPC #	20256780
Bid Date Time	April 3, 2025		3:30pm

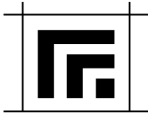
THIS ADDENDUM AMENDS AND BECOMES PART OF THE CONTRACT DOCUMENTS FOR EAPC PROJECT 20246780 DATED 03/13/2025, RESPECTIVELY. EACH BIDDER SHALL ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY MARKING THE ADDENDUM NUMBER AND DATE ON THE BID FORM.

SPECIFICATIONS

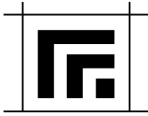
Bid Form ADD Total value of material subject to tax: **\$150,920**

DRAWINGS

A101	REVISE extents of concrete demolition. REVISE Keynote AD 10.
A200	ADD Keynote AE 35.
A201	REVISE extents of concrete pad. REVISE Keynotes AE 35 & AE 52.
A301	REVISE Issue Date. REVISE General Ceiling Note #6. ADD Keynotes AE 02 and AE 03. Revise ceiling and lighting layouts in rooms 125, 175 and the hallways around the new construction.
A302	REVISE General Ceiling Note #6. ADD Keynote AE 03. Revise lighting layouts in the hallways around the new construction. ADD notes for extents of Alt. #5 on 1/A302.
A303	REVISE General Ceiling Note #6. ADD Keynote AE 03. Revise lighting layouts in the hallways around the new construction.
A304	REVISE issue date. REVISE lighting layout on at the student space 102. Extend wall in Kitchen 130 to ceiling.



P200	REVISE plumbing pipe routing to stay within tunnel space regarding Alternate 02 work.
P201	REVISE plumbing pipe routing in wall associated with Alternate 02.
M201	REVISE ERU's and associated ACCU's locations for concrete pad and clearances.
M301	REVISE ERU and ACCU locations for concrete pad and clearances. ADD section view for ductwork installation.
E101	CLARIFIATION on existing panel names.
E102	CLARIFIATION on panel names.
E103	CLARIFIATION on panel names and demo at RM 326.
E200	ADD location for MDP.
E201	ADD location for mechanical equipment and duct smoke detectors. Add clarification on alternates. REVISE power at alternates ADD notes 5 and 6.
E202	ADD clarification on alternates. Add notes 3 and 4. REVISE power at Study rooms
E203	ADD note 4 for data rough in. Update power at Study rooms
E301	ADD clarification on lighting types and occupancy sensors.
E302	ADD clarification on lighting types and occupancy sensors.
E303	ADD clarification on lighting types and occupancy sensors.
E304	CLARIFIATION on alternates.
E801	REVISIONS to motor and equipment schedules for circuiting.
E802	REVISIONS to schedules.
E901	REVISIONS to schedules.
E902	REVISIONS to schedules.

**PRIOR APPROVALS**

07 5300	Elastomeric Membrane Roofing - Coverboards	USG Securock
23 2513	HVAC Water Treatment for Closed-Loop Systems	Jaytech Girton Adams Interstate

ATTACHMENTS

Planholder's List

A101
A200
A201
A301
A302
A303
A304
P200
P201
M201
M301
E101
E102
E103
E200
E201
E202
E203
E301
E302
E303
E304
E801
E802
E901
E902



PLAN HOLDERS LIST
 SWN 0509, Waneta Hall Renovate Restrooms
 OSE #R0325--15X
 EAPC Project: # 20246780

BID DATE: April 3, 2025
 BID TIME: 3:30pm

PLAN HOLDER	CONTACT PERSON	ADDRESS	CITY	STATE	ZIP	PHONE	FAX	EMAIL
EAPC Architects Engineers	Shawn Crowley	101 N Phillips Ave Suite 300	Sioux Falls	SD	57104	604-444-1612		shawn.crowley@eapc.net
South Dakota State University	Reed Leibel	Facilities & Services Building, Box 2150	Brookings	SD	57007	605-688-5292		Reed.Leibel@sdstate.edu
Office of the State Engineer	Todd Baack	4900 S Minnesota Ave Suite 104	Sioux Falls	SD	57108	605-367-7165		todd.baack@state.sd.us
BUILDERS EXCHANGES								
Aberdeen Builders Exchange	Sherri	302 N. Jackson Street	Aberdeen	SD	57401	605-290-4210		dakotabuild@midconetwork.com
Construction Industry Center		Box 1227	Rapid City	SD	57709	605-343-5252	605-343-4591	cic@constructionindustrycenter.com or chrissy@constructionindustrycenter.com
Construct Connect	Sherri Magness					513-458-5864		Sherri.Magness@ConstructConnect.com
Disadvantaged Business Enterprise (DBE)	Kyle Watkins					605-773-4906		kyle.watkins@state.sd.us
Dodge Construction Network	Darnel Foster					844-326-3826		dodge.docs@construction.com
Fargo-Moorhead Bldrs. Exchange		P. O. Box 10076	Fargo	ND	58106	701-237-6772	701-232-1653	upload
Lincoln Builders Bureau		5910 S 58th St Ste C	Lincoln	NE	68516	402-421-8332		info@buildersbureau.com
Master Builders of Iowa		221 Park St	Des Moines	IA	50309	515-288-8904		content@isqft.com
Minnesota Builders Exchange		1123 Glenwood Avenue	Minneapolis	MN	55405	612-381-2620	612-381-2621	new project: jb@mbex.org addendums: addenda@mbex.org
Omaha Builders Exchange		4159 S 94th Street	Omaha	NE	68127	402-991-6906		lisa.shockey@omahaplanroom.com
Plains Builders Exchange		220 N. Kiwanis Ave.	Sioux Falls	SD	57104-2530	605-334-8886	605-334-0112	info@plainsbuilders.com
SD Assoc. of Plumbing/Heating		707 E 41st St #220	Sioux Falls	SD	57105	605-271-7255		phcc@midco.net
Sioux Falls Builders Exchange		1418 "C" Avenue	Sioux Falls	SD	57104	605-357-8687	605-357-8655	info@sfbx.com
Sioux City Construction League Plan Room		3900 Stadium Drive	Sioux City	IA	51101	712-255-9730		office@scaplanroom.com
Watertown Builders Exchange								duanesfloorcovering@iw.net
CONTRACTOR								
Clark Drew Construction	Matt Chandler	302 32nd Ave. S	Brookings	SD	57006	605.692.9063		matt@clarkdrewconstruction.com
Gil Haugan Construction	Gill Haugan III	200 East 60th St. N	Sioux Falls	SD	57104			Gil3@gilhaugan.com
Great Places Construction	Jason Moberg	3401 W 41st Street	Sioux Falls	SD	57106	888-687-2345		jason.moberg@greatplaceconstruction.com
Mills Construction	Paul Sahr	1311 Main Ave. S.	Brookings	SD	57006	605.690.4545	605.697.3131	Pauls@buildwithmills.com
OTHER								

CLIENT
SOUTH DAKOTA STATE UNIVERSITY

PROJECT DESCRIPTION
SWN 0509, WANETA HALL RENOVATE RESTROOMS (OSE# R0325--15X)

CITY **BROOKINGS**
STATE **SD**

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 1	03/21/2025
CD	CONSTRUCTION DOCUMENTS	03/13/2025

PROJECT NO: 20246780
DRAWN BY: PR
CHECKED BY: SC

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STAMP



DRAWING TITLE
DEMOLITION PLAN - FIRST FLOOR

A101

DEMOLITION LEGEND

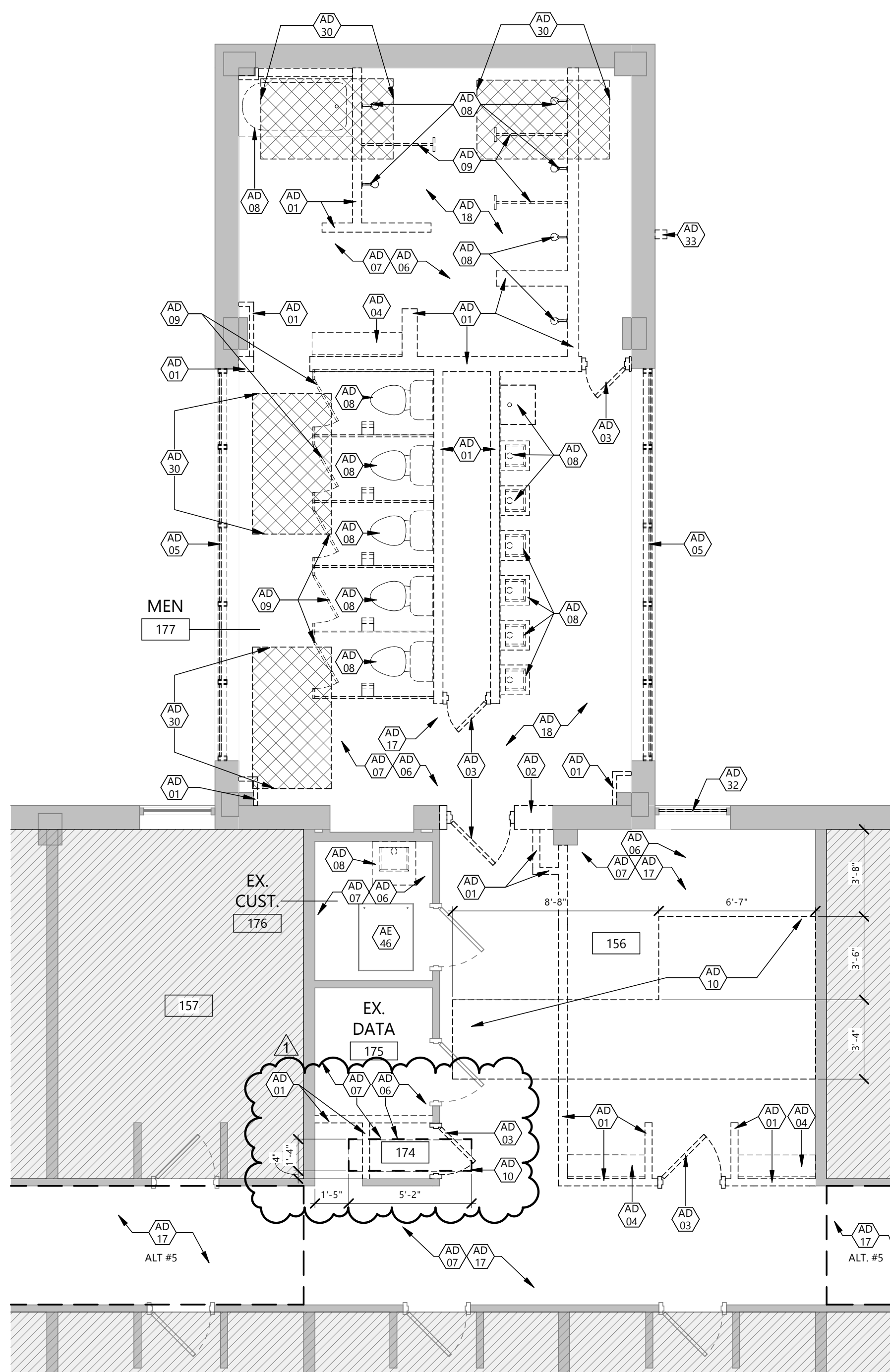
- INDICATES DEMOLISHED OBJECTS
- OUT OF SCOPE
- INDICATES EXISTING WALLS TO STAY IN PLACE
- DEMOLISH DOOR, FRAME AND HARDWARE IN ITS ENTIRETY
- EXISTING DOOR, FRAME AND HARDWARE TO REMAIN

GENERAL DEMOLITION NOTES

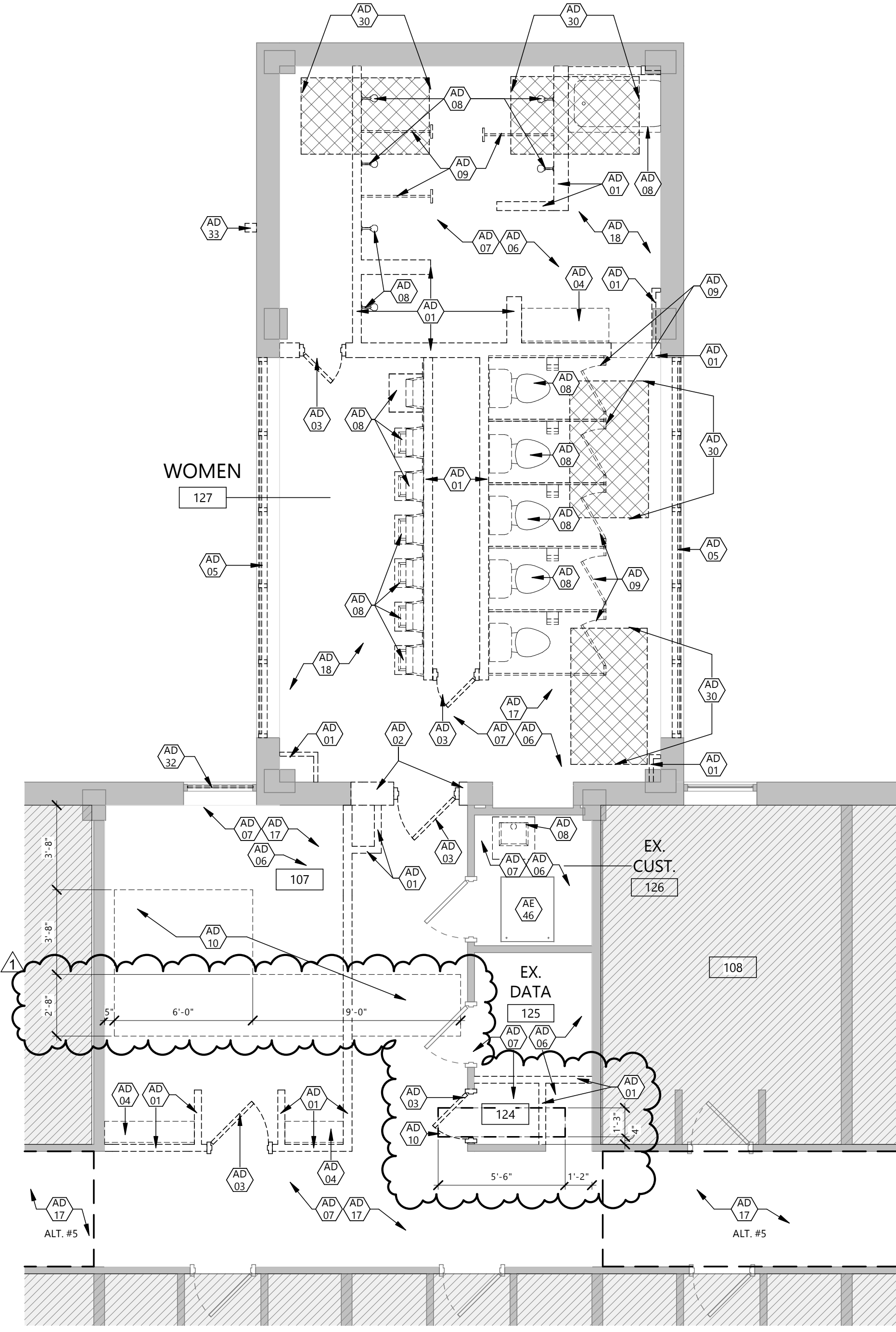
1. DASHED LINES INDICATE DEMOLITION ITEMS. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN. ALSO REFER TO SHEET A001 FOR SYMBOLS AND ABBREVIATIONS.
2. ALL DEMOLITION WORK AND TEMPORARY INSTALLATIONS SHALL BE ACCOMPLISHED AS SPECIFIED.
3. CONTRACTOR TO PROVIDE SECURE DOORS IN TEMP PARTITIONS AS NECESSARY TO MAINTAIN BUILDING SECURITY. PROVIDE CLEAR ROUTES TO EXITS FROM WORK AREA.
4. FIELD VERIFY EXISTING CONDITIONS OF EACH FLOOR AND AREA TO BE DEMOLISHED.
5. DEMOLITION PLANS REPRESENT APPROXIMATE LOCATION OF EXISTING WALLS TO BE DEMOLISHED. FIELD VERIFY TYPE OF CONSTRUCTION AND HEIGHT OF WALLS. PLANS DO NOT NECESSARILY INDICATE ALL DEMO WALLS, COUNTERS, HANDRAILS, WALL PROTECTION, CLOSETS, SINKS, ETC. PRIOR TO DEMOLITION FIELD VERIFY THAT WALLS TO BE REMOVED DO NOT PROVIDE SUPPORT FOR EXISTING BUILDING ELEMENTS AND EXISTING CONSTRUCTION TO REMAIN. NOTIFY A/E IF DEMOLITION WALLS SUPPORT EXISTING BUILDING ELEMENTS.
6. REMOVE WALL COVERINGS ON EXISTING WALLS TO REMAIN THAT FACE AREAS OF DEMOLITION. REMOVAL SHALL INCLUDE ANY RESIDUAL MATERIAL AFTER DEMOLITION, I.E. PIECES OF WALL COVERING OR BACKING. REMOVAL OF WALL COVERINGS IS TO BE DONE W/O DAMAGING THE EXISTING WALL SURFACE TO REMAIN. ALSO REMOVE WALL DEVICES AND ITEMS MOUNTED TO WALLS.
7. FIELD VERIFY EXISTING MATERIALS IN AREAS OF DEMOLITION.
8. REMOVE ALL MECHANICAL AND ELECTRICAL EQUIPMENT, DEVICES AND ASSOCIATED ELEMENTS AS INDICATED IN MECH AND ELEC DRAWINGS. FIELD VERIFY THE PRESENCE OF MECHANICAL AND ELECTRICAL PIPES, CONDUIT, ETC. IN ALL WALLS TO BE DEMOLISHED.
9. CONTRACTOR TO PROVIDE DEMOLITION IMPLEMENTATION PLANS AND SCHEDULE. NOTIFY OWNER IF ANY OPERATIONAL DISRUPTIONS OF ADJACENT OCCUPANTS ARE REQUIRED TO PERFORM NEW WORK (INCLUDING BUT NOT LIMITED TO: MECHANICAL, PLUMBING, FIRE SUPPRESSION, AND ELECTRICAL DISRUPTIONS).
10. CONTAIN DUST AND DEBRIS WITHIN THE DEMOLITION AREA.
11. DEMOLISH AND REMOVE DOORS, VINYL BASE, CONDUIT, WIRING, DUPLEXES, TELEPHONE OUTLETS, CABLES, SHELVING, METAL STUDS, AND GYPSUM BOARD WALLS, CLOSETS, CABINETS, FILES, COUNTERS, WOOD MOULDING, SHELVES AND ENCLOSURES WHERE APPLICABLE.
12. DEMOLISH AND REMOVE CARPET, PAD, TACK STRIP, AND RESILIENT BASE. REMOVE ALL FLOOR MATERIALS INCLUSIVE OF SETTING BEDS, SUBFLOOR MATERIAL ETC. REMOVE MASTIC TO PROVIDE A CLEAN FLOOR THAT IS ACCEPTABLE TO THE SUBCONTRACTOR INSTALLING NEW FINISH MATERIAL SPACES RECEIVING WALL DEMOLITION WILL ALSO HAVE FLOOR FINISH DEMOLITION UNO.
13. DEMOLISH AND REMOVE SUSPENDED ACOUSTIC LAY-IN, SPLINE, OR GYPSUM/PLASTER CEILING INCLUSIVE OF HANGERS AND CARRYING CHANNELS, WIRES, CABLES, CONDUIT, ADHERED CEILING TILES, FLEX CONDUIT, ELECTRICAL BOXES, SMOKE DETECTORS, LIGHT FIXTURES, AND WIRING, DUCT WORK, PIPING AND SUPPORT HANGERS. CUT HANGERS FLUSH. SPACES RECEIVING WALL DEMOLITION WILL ALSO HAVE CEILING DEMOLITION UNO.
14. PRIOR TO COMMENCEMENT OF DEMOLITION OPERATIONS, CONTRACTOR SHALL IDENTIFY ALL UTILITIES TO REMAIN.
15. DEMOLITION FOR THE FLOOR AREAS SHALL ENCOMPASS THE SPACE FROM THE TOP OF THE CONCRETE FLOOR TO THE UNDERSIDE OF THE EXISTING INTERSTITIAL STRUCTURE ABOVE UNLESS NOTED OTHERWISE.
16. ALL DEMOLITION MATERIALS AND DEBRIS SHALL BE DISPOSED OF ACCORDING TO FEDERAL STATE AND LOCAL REGULATIONS.
17. CONTRACTOR SHALL PERFORM WORK IN A MANNER THAT DOES NOT DAMAGE THE EXISTING STRUCTURE. DEMOLITION SHALL NOT COMPROMISE THE STRUCTURAL INTEGRITY OF ANY WALLS, FLOORS, CEILING, SUPPORTS, STRUCTURE, ETC. TO REMAIN.
18. AT LOCATIONS WHERE EXISTING WALLS ARE TO BE REMOVED NEAR EXISTING WALLS TO REMAIN, PERFORM DEMOLITION WITHOUT DISTURBING EXISTING ELEMENTS TO REMAIN. WALLS TO REMAIN SHALL BE INTACT AND HAVE A NEAT, FINISHED SURFACE WHERE EXPOSED.
19. CONTRACTOR TO PROVIDE TEMPORARY GUARDS AND PROTECTION AROUND EXPOSED FLOOR AND ROOF OPENINGS AND SHAFTS PER CODE.
20. TYPICAL DOOR REMOVAL INCLUDES HARDWARE AND FRAME UNO.
21. G.C. TO REMOVE CONCRETE SLAB AS REQUIRED FOR UNDERFLOOR WORK. COORDINATE EXTENTS OF REMOVAL WITH M.C. AND E.C. TRENCHING AND BACKFILLING FOR UNDERFLOOR ITEMS SHALL TO BE PERFORMED BY M.C. OR E.C. - G.C. TO INSTALL NEW FLOOR SLAB AFTER SUBBASE IS RESTORED AND ACCEPTABLE TO G.C.
22. THE OWNER HAS FIRST RIGHT TO REFUSAL FOR SALVAGEABLE ITEMS. RELOCATED SUCH SALVAGED ITEMS TO STORAGE LOCATION AS OWNER MAY DESIGNATE WITHIN PROJECT SITE.
23. ALL EXISTING MOVABLE FURNITURE/EQUIPMENT WILL BE MOVED BY OWNER PRIOR TO CONSTRUCTION UNLESS OTHERWISE NOTED.
24. DEMOLITION ITEMS SHALL INCLUDE, BUT NOT BE LIMITED TO ITEMS IDENTIFIED ON THESE DRAWINGS. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING AND BE FAMILIAR WITH THE WORK REQUIRED.

KEYNOTE LEGEND:

- << << INDICATES KEYNOTE ON PLAN
- AD 01 DEMOLISH EXISTING WALL PARTITION IN ITS ENTIRETY.
- AD 02 DEMOLISH PORTION OF WALL PARTITION AND FINISHES AS NEEDED TO ACCOMMODATE NEW OPENING.
- AD 03 DEMOLISH DOOR & FRAME IN THEIR ENTIRETY.
- AD 04 DEMOLISH CASEWORK IN ITS ENTIRETY, COORDINATE WITH MECH FOR REMOVAL OF PLUMBING WHERE APPLICABLE.
- AD 05 DEMOLISH EXISTING WINDOW AND SLATE SILL IN THEIR ENTIRETY.
- AD 06 DEMOLISH EXISTING WALL FINISHES IN THEIR ENTIRETY. PREPARE WALLS TO RECEIVE NEW FINISHES.
- AD 07 DEMOLISH CEILING, FRAMING & CEILING-MOUNTED FIXTURES IN THEIR ENTIRETY. SEE MECH & ELEC FOR EXTENTS OF RELATED SYSTEMS DEMOLITION
- AD 08 REMOVE EXISTING PLUMBING AND ASSOCIATED WALL-MOUNTED ACCESSORIES IN THEIR ENTIRETY, SEE PLUMBING FOR EXTENTS OF RELATED SYSTEMS DEMOLITION
- AD 09 REMOVE EXISTING PARTITION SYSTEM
- AD 10 DEMOLISH PORTION OF FLOOR SLAB FOR PLUMBING INSTALLATION. COORDINATE EXACT SIZE AND LOCATIONS WITH MC. SEE A021 FOR SLAB INFILL.
- AD 17 DEMOLISH EXISTING FLOORING AND BASE IN THEIR ENTIRETY. PREPARE FLOOR TO RECEIVE NEW FINISHES.
- AD 18 DEMOLISH EXISTING RECESSED CERAMIC TILE AND ASSOCIATED MORTAR. PREP SURFACE TO RECEIVE NEW FINISHES.
- AD 30 REMOVE ADDITIONAL TOPPING SLAB TO PROVIDE APPROPRIATE DRAINAGE AT NEW SHOWER.
- AD 32 REMOVE EXISTING GLASS, INT. SILL, AND WDW AC UNIT. EXISTING FRAME TO REMAIN.
- AD 33 REMOVE EXISTING ROOF DRAIN OUTLET AND CAP UNUSED ROOF DRAIN. INFILL COMPLETELY WITH SPRAY FOAM INSULATION.
- AE 46 EXISTING ACCESS DOOR TO TUNNEL TO REMAIN.



2 DEMOLITION PLAN - FIRST FLOOR - MENS
A101 1/4" = 1'-0"



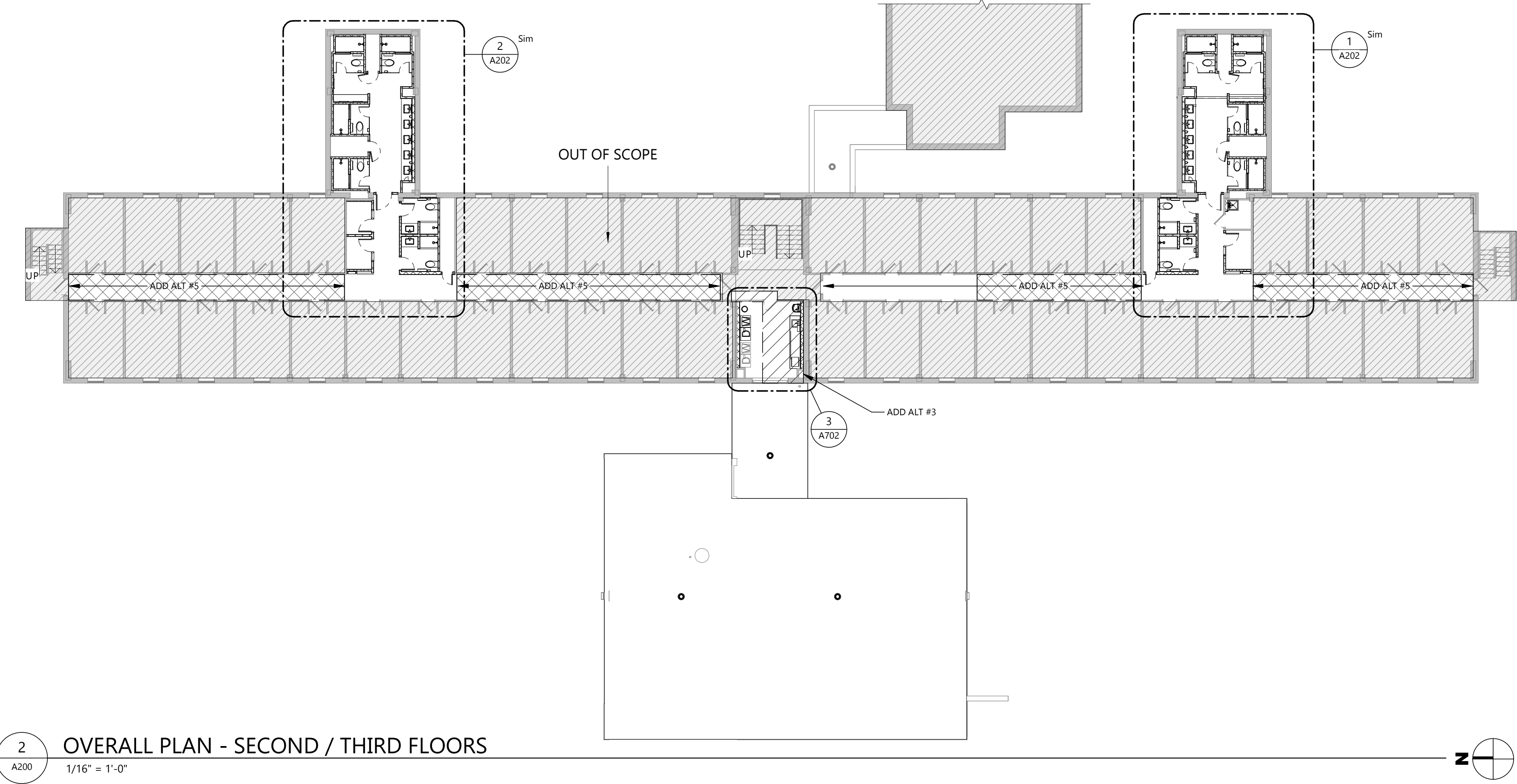
1 DEMOLITION PLAN - FIRST FLOOR - WOMENS
A101 1/4" = 1'-0"

GENERAL NOTES

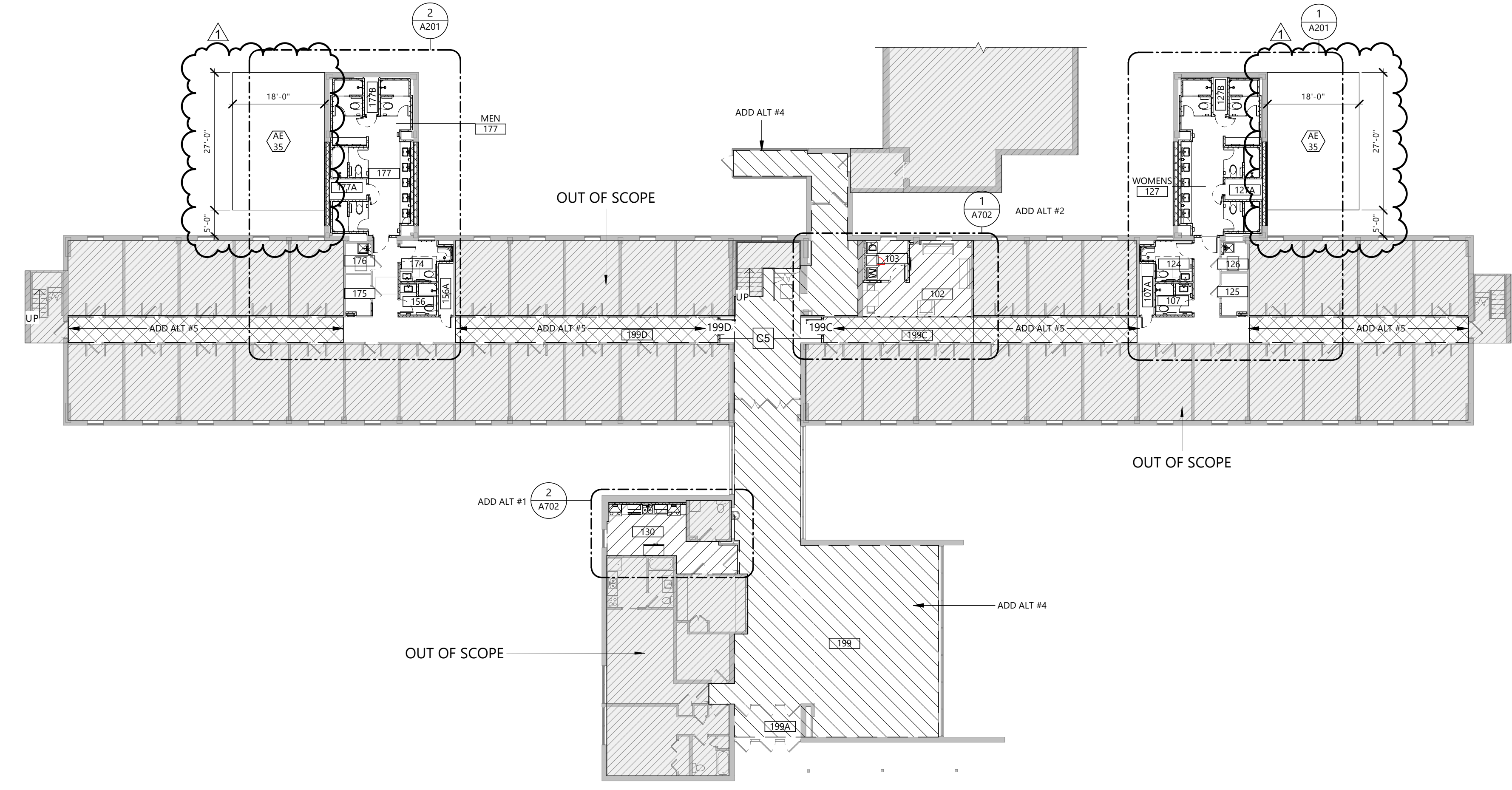
1. GENERAL NOTES APPLY TO ALL DRAWING SETS.
2. SUBCONTRACTORS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR WORK MAY OCCUR IN OTHER PORTIONS OF THE CONTRACT DOCUMENTS. ALL NOTES ARE TO BE REVIEWED AND APPLIED TO RELATED BUILDINGS DOCUMENTS.
3. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY IF ANY CONFLICTS OR DISCREPANCIES OCCUR BEFORE AND / OR DURING CONSTRUCTION.
4. CROSS REFERENCES SHOWN ON DRAWINGS DO NOT NECESSARILY INDICATE ALL LIKE CONDITIONS AND DO NOT LIMIT APPLICATION OF ANY DRAWING OF DETAIL WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED. CONSULT THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
5. REVIEW SPECIFICATIONS FOR INSTRUCTIONS NOT SHOWN ON DRAWINGS. INFORMATION COMMON TO SEVERAL DRAWINGS MAY BE NOTED ON ONLY ONE. CONTRACTOR IS RESPONSIBLE FOR ENTIRE SET OF DOCUMENTS.
6. ALL NEW CONSTRUCTION IS INDICATED BOLD OR FULL TONE.
7. DIMENSIONS AT INTERIOR PARTITIONS ARE TO THE CENTER OF THE WALL UNLESS NOTED OTHERWISE.
8. PROVIDE FIRE RETARDANT WOOD BACKING AND / OR BLOCKING IN WALLS AS REQUIRED AT ALL WALL MOUNTED ITEMS. AT EXISTING WALLS, REMOVE WALL MATERIAL TO INSTALL FIRE-TREATED WOOD BACKING/BLOCKING FOR NEW WALL-MOUNTED ITEMS.
9. DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR TO VERIFY ALL DIMENSIONS & FIELD CONDITIONS PRIOR TO COMMENCING THE WORK.
10. REFER TO INTERIOR FINISH PLANS FOR CORNER GUARD LOCATIONS.
11. PATCH ALL HOLES IN EXISTING SURFACES & WHERE EQUIPMENT HAS BEEN REMOVED OR DEMOLITION HAS OCCURRED & PREPARE WALL SURFACES (PATCH, SKIM COAT, ETC) AS REQUIRED IN PREPARATION FOR NEW FINISHES SCHEDULED. PATCH TO MATCH ADJACENT SURFACES IF NOT SCHEDULED.
12. CAULK ALL COUNTERTOPS, BACKSPLASHES & CABINETS AT LOCATIONS WHERE THEY MEET WALL. SEAL ALL CUT-OUTS IN COUNTERTOPS.
13. ALL EXISTING CONSTRUCTION, CABINET WORK, EQUIPMENT, ETC. TO REMAIN INDICATED AS LIGHT OR HALF TONE.
14. ALL PIPING, CONDUITS, & RELATED MECHANICAL & ELECTRICAL ITEMS SHALL BE CONCEALED WITHIN DRYWALL AND/OR PLASTER FURRING AS REQUIRED IN FINISHED AREAS WHETHER SHOWN ON DRAWINGS OR NOT UNLESS OTHERWISE NOTED.
15. SEAL AROUND ALL MECHANICAL & ELECTRICAL EQUIPMENT PENETRATIONS AT RATED WALLS, ABOVE & BELOW CEILINGS, WITH A UL APPROVED FIRE-STOPPING MATERIAL - SEE SPECIFICATIONS.
16. WHEN WALL PARTITIONS OF DIFFERENT RATING INTERSECT, THE HIGHEST RATED PARTITIONS TAKE PRECEDENT.
17. ALL FURNITURE FOR REFERENCE ONLY (SHOWN DASHED) WILL BE OWNER FURNISHED & OWNER INSTALLED.
18. ERECT DUST PROOF PARTITIONS AS REQUIRED BY THE WORK ICRA TO PROTECT ADJACENT AREAS - REFER TO SPEC SECTIONS 01 3532 AND 01 5615.
19. PROVIDE EASED EDGE AT COUNTERTOPS U.N.O.
20. ALL EXISTING FLOOR & WALL OPENING & DEPRESSIONS NOT USED IN THE NEW WORK SHALL BE FILLED OR CLOSED WITH MATERIALS TO MEET REQUIRED FIRE RATING & MATCH ADJACENT FINISHES.
21. ALL CUTTING & PATCHING REQUIRED FOR NEW MECHANICAL & ELECTRICAL WORK IN ALL EXISTING SPACES SHALL BE BY THE RESPECTIVE CONSTRUCTION.
22. MATCH FINISHED WALL THICKNESS WHERE NEW WALLS OCCUR IN LINE WITH EXISTING.
23. ALL EXISTING CEILING & WALL GRILLES, DIFFUSERS, & LIGHTS ETC. TO REMAIN IN AREAS OF CONSTRUCTION SHALL BE CLEANED.
24. VERIFY THAT THE EXISTING WALLS REQUIRING FIRE RATING ARE MAINTAINED, REPAIRED & EXTENDED TO STRUCTURE.
25. ALL NEW WALLS ARE TYPE 'A5' WALL PARTITIONS UNLESS NOTED OTHERWISE. SEE WALL TYPES SHEET A021.
26. REFER TO LIFE SAFETY PLANS AND FLOOR PLANS FOR LOCATION OF REQUIRED FIRE WALLS.
27. REFER TO ELEVATIONS FOR WALL MOUNTED EQUIPMENT. PROVIDE IN-WALL BLOCKING AS REQUIRED.
28. ALL COUNTERTOPS TO BE SSF-1 UNO, WITH THE EXCEPTION OF BATHROOMS TO BE QTZ-1.
29. ALL CASEWORK TO BE PLAM-2 UNO.
30. TYPICAL ELEVATIONS APPLY TO ALL RESTROOM AND HALLWAY RESTROOM PODS.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- AE 35 CONCRETE ERU PAD TO BE PROVIDED BY G.C. 8" SLAB WITH #4 REBAR AT 12" OC EACH WAY AND THICKENED SLAB EDGES AT 14" DEEP BY 24" WIDE. PROVIDE 12" GRANULAR FILL, COMPACTED TO A MINIMUM OF 95% OF STANDARD PROTOR, BELOW SLAB. SLOPE CONCRETE AT 1/8" PER 12" AS INDICATED ON PLAN. SEE OVERALL PLAN ON A200 FOR DIMENSIONS TO BE INCLUDED ON BOTH WINGS OF THE BUILDING.



2 OVERALL PLAN - SECOND / THIRD FLOORS
A200 1/16" = 1'-0"



1 FIRST FLOOR OVERALL PLAN
A200 1/16" = 1'-0"

CLIENT
SOUTH DAKOTA STATE UNIVERSITY

PROJECT DESCRIPTION
SWN 0509, WANETA HALL RENOVATE RESTROOMS (OSE# R0325--15X)

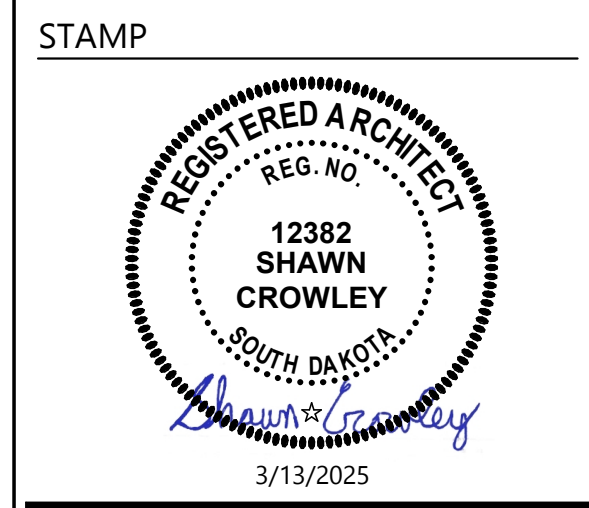
CITY BROOKINGS
STATE SD

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 1	03/21/2025
CD	CONSTRUCTION DOCUMENTS	03/13/2025

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DRAWING TITLE
OVERALL PLANS

A200

CLIENT
SOUTH DAKOTA STATE UNIVERSITY

PROJECT DESCRIPTION
SWN 0509, WANETA HALL RENOVATE RESTROOMS (OSE# R0325--15X)

CITY **BROOKINGS**
STATE **SD**

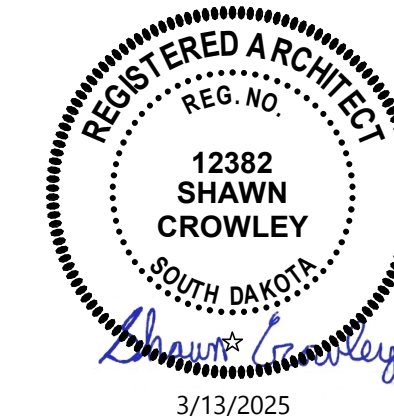
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STAMP



DRAWING TITLE
FIRST FLOOR PLAN

A201

GENERAL NOTES

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- SEAL AROUND ALL MECHANICAL & ELECTRICAL EQUIPMENT PENETRATIONS AT RATED WALLS, ABOVE & BELOW CEILINGS, WITH A UL APPROVED FIRE-STOPPING MATERIAL - SEE SPECIFICATIONS.
- WHEN WALL PARTITIONS OF DIFFERENT RATING INTERSECT, THE HIGHEST RATED PARTITIONS TAKE PRECEDENCE.
- ALL FURNITURE FOR REFERENCE ONLY (SHOWN DASHED) WILL BE OWNER FURNISHED & OWNER INSTALLED.
- ERECT DUST PROOF PARTITIONS AS REQUIRED BY THE WORK ICRA TO PROTECT ADJACENT AREAS - REFER TO SPEC SECTIONS 01 3532 AND 01 5615.
- PROVIDE EASED EDGE AT COUNTERTOPS U.N.O.
- ALL EXISTING FLOOR & WALL OPENING & DEPRESSIONS NOT USED IN THE NEW WORK SHALL BE FILLED OR CLOSED WITH MATERIALS TO MEET REQUIRED FIRE RATING & MATCH ADJACENT FINISHES.
- ALL CUTTING & PATCHING REQUIRED FOR NEW MECHANICAL & ELECTRICAL WORK IN ALL EXISTING SPACES SHALL BE BY THE RESPECTIVE CONSTRUCTION.
- MATCH FINISHED WALL THICKNESS WHERE NEW WALLS OCCUR IN LINE WITH EXISTING.
- ALL EXISTING CEILING & WALL GRILLES, DIFFUSERS, & LIGHTS ETC. TO REMAIN IN AREAS OF CONSTRUCTION SHALL BE CLEANED.
- VERIFY THAT THE EXISTING WALLS REQUIRING FIRE RATING ARE MAINTAINED, REPAIRED & EXTENDED TO STRUCTURE.
- ALL NEW WALLS ARE TYPE 'AS' WALL PARTITIONS UNLESS NOTED OTHERWISE. SEE WALL TYPES SHEET A021.
- REFER TO LIFE SAFETY PLANS AND FLOOR PLANS FOR LOCATION OF REQUIRED FIRE WALLS.
- REFER TO ELEVATIONS FOR WALL MOUNTED EQUIPMENT. PROVIDE IN-WALL BLOCKING AS REQUIRED.
- ALL COUNTERTOPS TO BE SSF-1 UNO, WITH THE EXCEPTION OF BATHROOMS TO BE QTZ-1.
- ALL CASEWORK TO BE PLAM-2 UNO.
- TYPICAL ELEVATIONS APPLY TO ALL RESTROOM AND HALLWAY RESTROOM PODS.

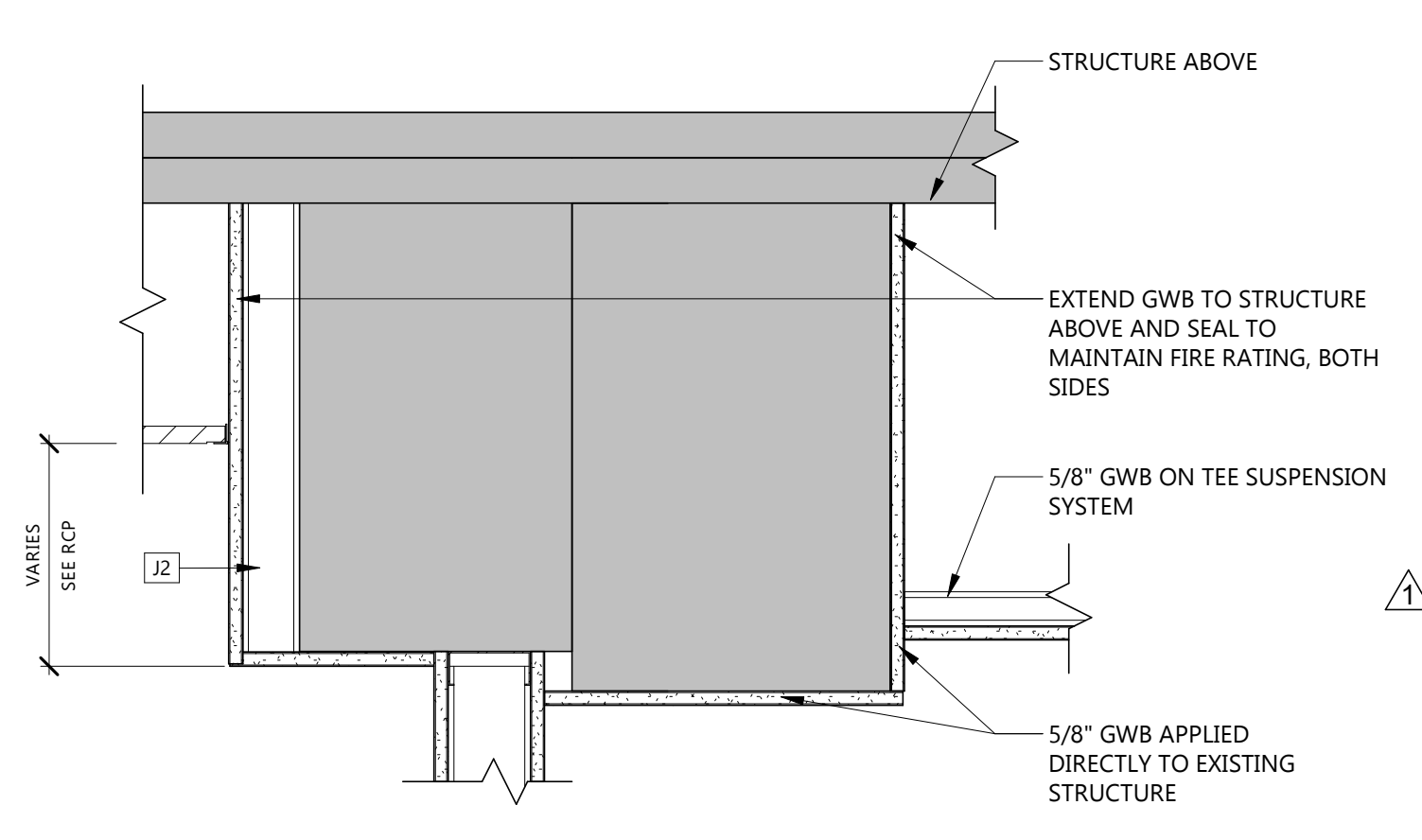
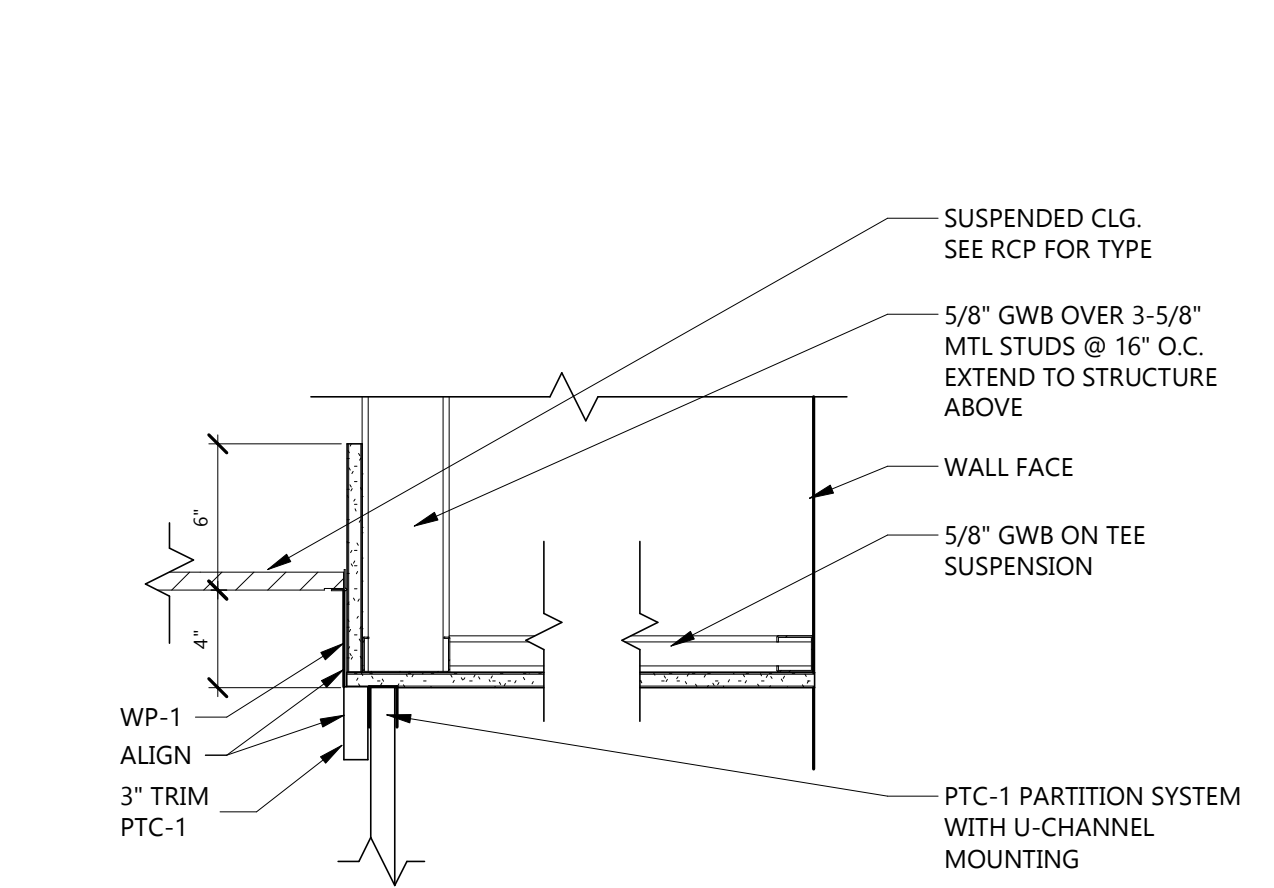
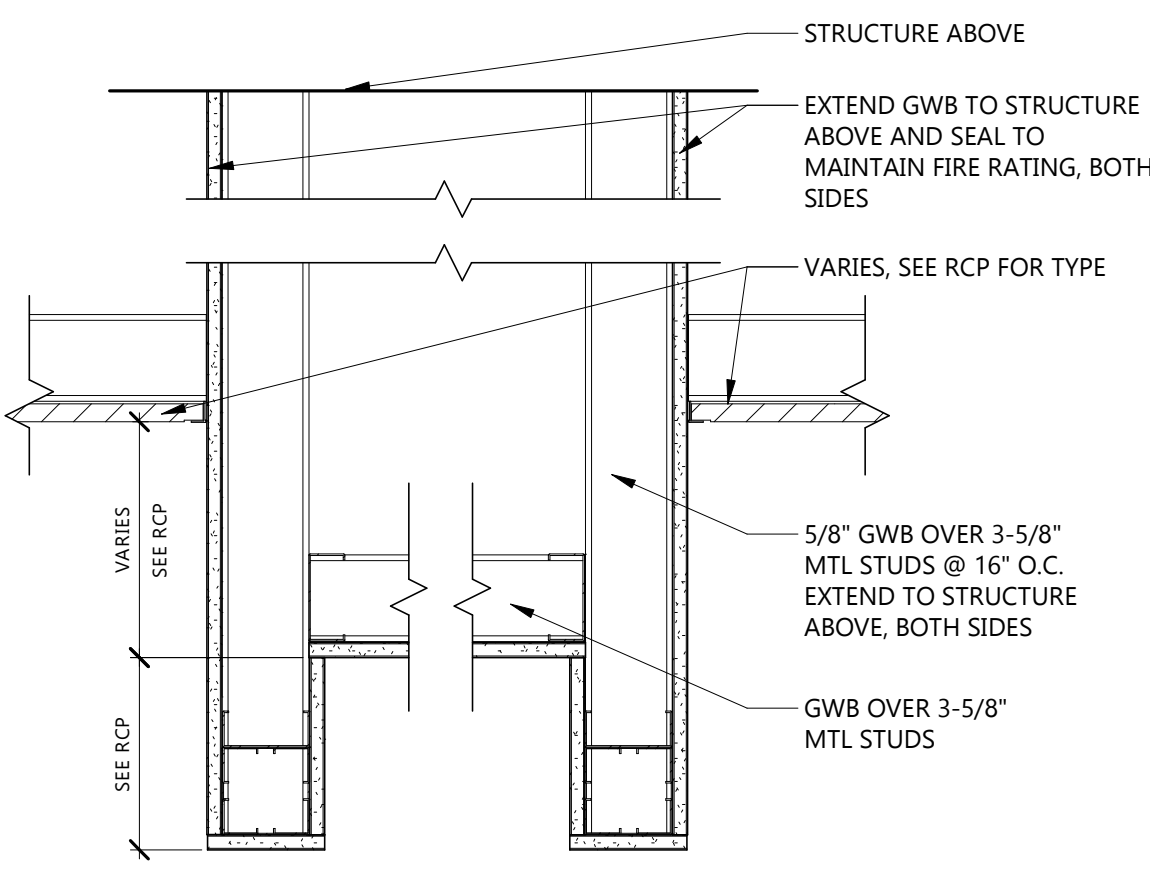
KEYNOTE LEGEND:

- ◊ <<< INDICATES KEYNOTE ON PLAN
- AE 22 RECESSED BOTTLE FILLER
- AE 35 CONCRETE ERU PAD TO BE PROVIDED BY G.C. 8" SLAB WITH #4 REBAR AT 12" OC EACH WAY AND THICKENED SLAB EDGES AT 14" DEEP BY 24" WIDE. PROVIDE 12" GRANULAR FILL, COMPACTED TO A MINIMUM OF 95% OF STANDARD PROTOR, BELOW SLAB. SLOPE CONCRETE AT 1/8" PER 12" AS INDICATED ON PLAN. SEE OVERALL PLAN ON A200 FOR DIMENSIONS TO BE INCLUDED ON BOTH WINGS OF THE BUILDING.
- AE 36 WALL-MOUNTED AUTOMATIC HAND DRYER
- AE 38 INFILL WINDOW PANES WITH INSULATED MAPES PANELS THAT MATCH THE THICKNESS OF THE GLASS. COLOR TBD.
- AE 46 EXISTING ACCESS DOOR TO TUNNEL TO REMAIN.
- AE 51 APPLY LEVELING COMPOUND THROUGHOUT ROOM PRIOR TO INSTALLING FINISH FLOOR. AT SHOWERS, SLOPE FLOORING 1/4" PER 12" TO MAINTAIN PROPER DRAINAGE.
- AE 52 18"X18" ACCESS DOOR WALL-MOUNTED BELOW COUNTERTOP. MOUNT AS HIGH AND FAR BACK AS POSSIBLE TO MINIMIZE VISIBILITY. PAINT.
- AE 53 PROVIDE FLOOR TYPE 1 AT DEMOLISHED SLAB AREAS AFTER PLUMBING WORK IS COMPLETE. SLOPE CONCRETE OR APPLY LEVELING COMPOUND AT SHOWERS TO SLOPE TO DRAINS AT 1/4" PER 12".
- AE 54 4" CONCRETE PAD TO BE PROVIDED BY G.C. COORDINATE SIZE AND LOCATION WITH MECHANICAL CONTRACTOR. SLOPE CONCRETE AT 1/4" PER 12" AS AWAY FROM BUILDING.



2 FIRST FLOOR PLAN - MENS
A201 1/4" = 1'-0"

1 FIRST FLOOR PLAN - WOMENS
A201 1/4" = 1'-0"

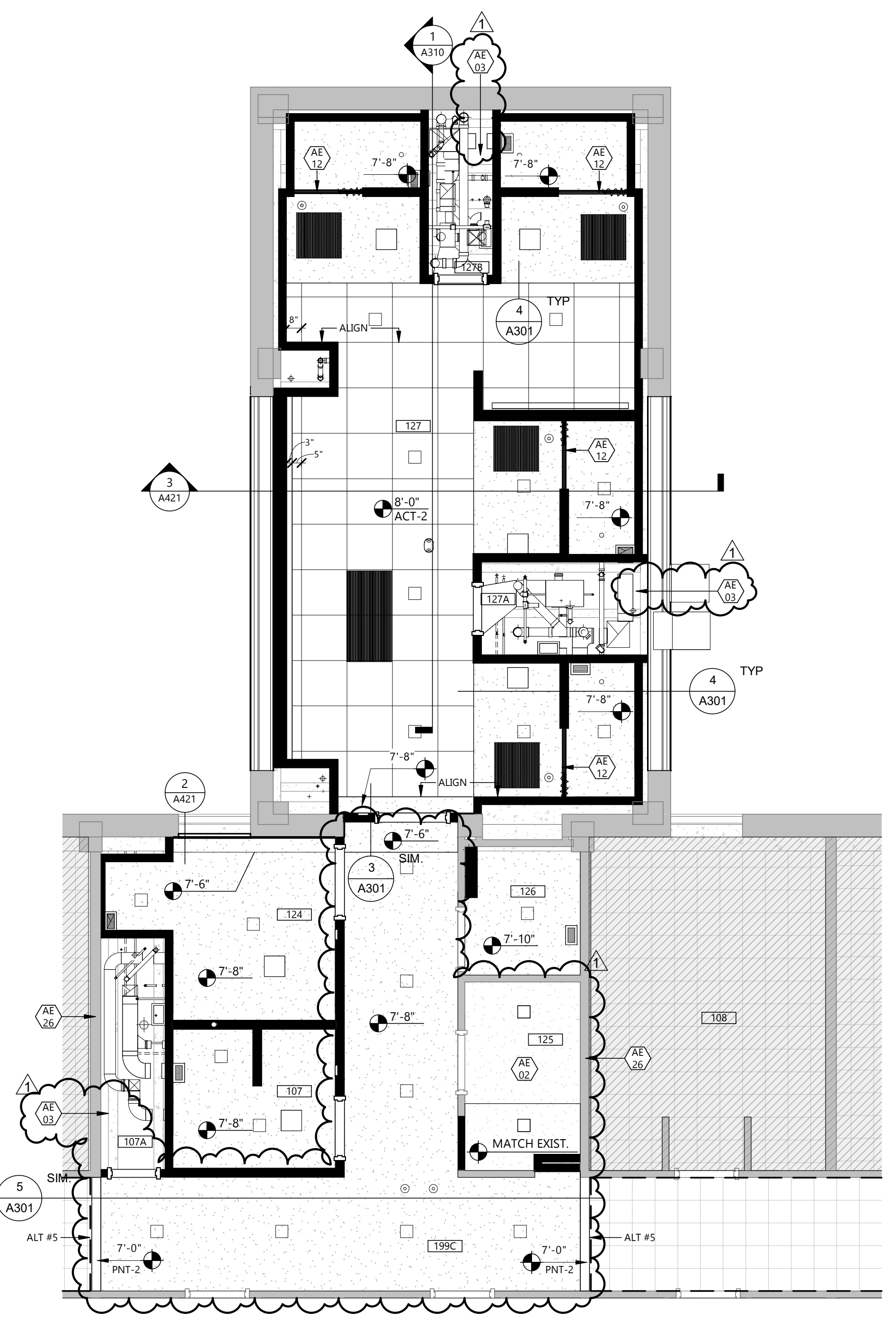
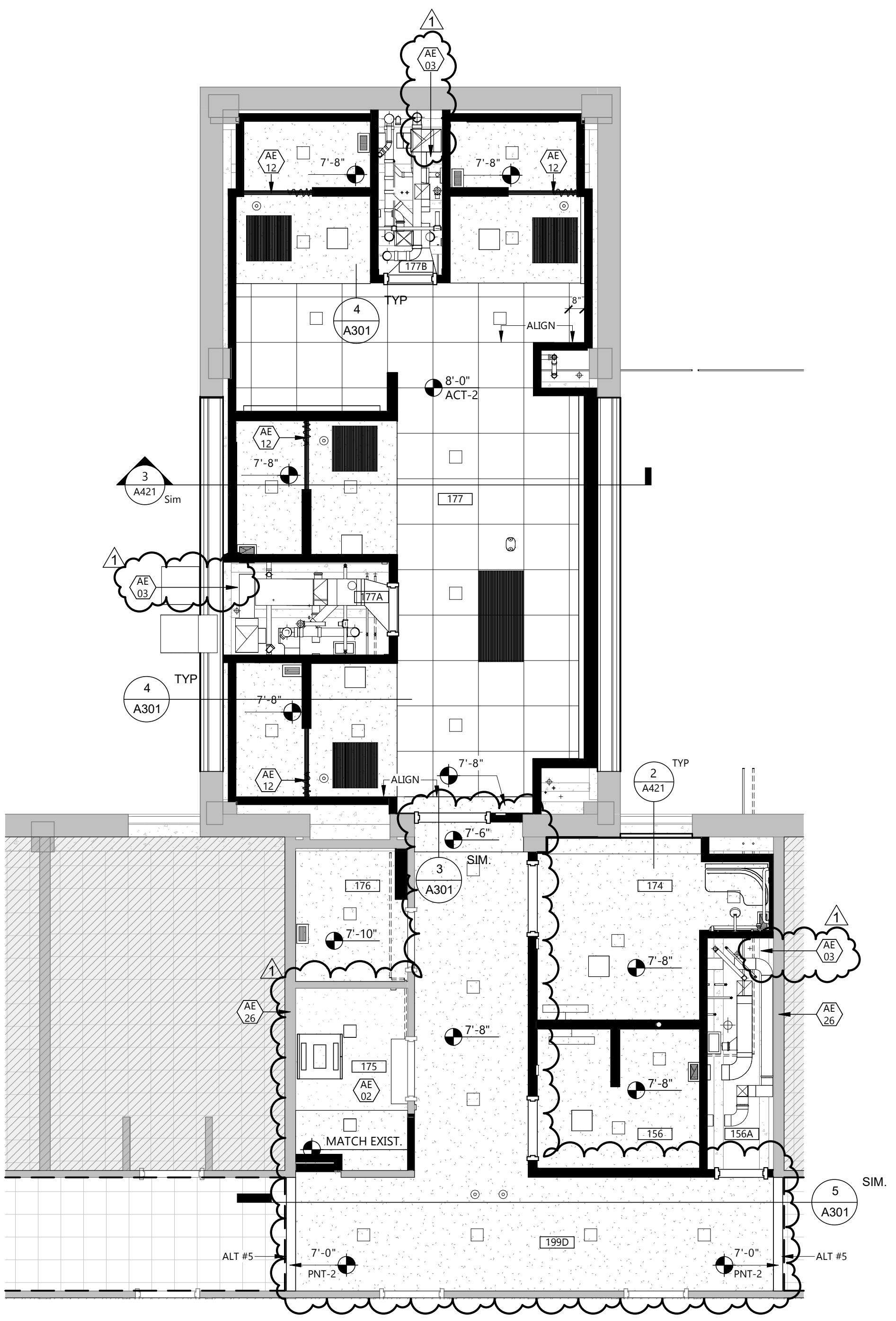


- ### GENERAL CEILING NOTES
1. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULK HEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OF ACOUSTICAL CEILING MATERIALS UNLESS SPECIFICALLY DETAILED.
 2. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND TYPE OF DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES, ETC. SCRIBE CEILING MATERIALS FOR A TIGHT FIT.
 3. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPE OF LIGHTS, SPEAKERS, DETECTORS, POWER OUTLETS, ETC. SCRIBE CEILING MATERIALS FOR A TIGHT FIT. WHERE DEVICES ARE NOT SHOWN ON PLAN, FIELD VERIFY LOCATION AND QUANTITY PRIOR TO REMOVAL. THESE DEVICES WILL BE RELOCATED INTO NEW PLAN.
 4. FIRE SPRINKLER CONTRACTOR IS REQUIRED TO PROVIDE FINAL DESIGN OF ENTIRE SPRINKLER SYSTEM FOR THE PROJECT AREA. SPRINKLER CONTRACTOR IS REQUIRED TO SUBMIT ALL REQUIRED INFORMATION TO REVIEW AGENCIES FOR APPROVAL AND PERMITS.
 5. CONTRACTOR TO FIELD VERIFY EXTENT OF CEILING REPLACEMENT. CONTRACTOR TO COORDINATE WITH ALL TRADES. CONTRACTOR'S OPTION TO REPLACE CEILING TO OWNER'S SATISFACTION OR TO PROVIDE NEW CEILING MATERIAL REPAIR ANY EXISTING AREAS DAMAGED BY CONSTRUCTION OF THIS PROJECT.
 6. WHERE CEILINGS ARE INDICATED TO BE EXPOSED TO STRUCTURE, PAINT ALL UNFINISHED MATERIALS OVERHEAD UNO, INCLUDING, BUT NOT LIMITED TO: ROOF DECKING, JOISTS, DUCTS, PIPING, CONDUIT, ETC. SEE FINISHES SHEET FOR PAINT.
 7. GENERAL CONTRACTOR TO COORDINATE CEILING MOUNTED EQUIPMENT SUPPORT REQUIREMENTS, LOCATIONS, DIMENSIONS, ETC. WITH EQUIPMENT SUPPLIER AND OWNER PRIOR TO INSTALLATION.
 8. CEILING MOUNTED ITEMS SUCH AS LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS, EXIT LIGHTS, ETC. SHALL BE LOCATED IN THE CENTER OF CEILING PANELS, GYPSUM BOARD SOFFITS, AND/OR PLASTER SOFFIT BAYS UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
 9. FINISHED GYPSUM BOARD SOFFITS SHALL EXTEND 1" BEYOND FACE AND EXPOSED ENDS OF WALL CABINETS, FULL-HEIGHT CABINETS, ETC. UNLESS NOTED OTHERWISE. COORDINATE CABINET DIMENSIONS WITH SUPPLIER GYPSUM BOARD FASCIA/SOFFIT DETAILS ARE REFERENCED FROM THE REFLECTED CEILING PLAN.
 10. IN REMODELING WORK IN EXISTING ACOUSTIC CEILING TILE SUSPENSION SYSTEM REMOVE EXISTING PANELS, CUT AS REQUIRED FOR CONSTRUCTION, AND REINSTALL. REPLACE DAMAGED OR SOILED PANELS WITH ACOUSTIC CEILING TILE TO MATCH EXISTING.
 11. VERTICAL FACE OF SOFFITS THAT ALIGN WITH WALL TO RECEIVE ADJACENT WALL FINISH UNLESS NOTED OTHERWISE.
 12. PROVIDE SMOOTH TRANSITION BETWEEN EXISTING AND NEW GYP BD CEILING WHERE NEW GYP BD MEETS EXISTING AT SAME HEIGHT (NO VISIBLE JOINT BETWEEN EXISTING AND NEW).
 13. UNSTRUT TO BE DESIGN BUILD. COORDINATE CLOSELY WITH EQUIPMENT DRAWINGS FOR LOCATIONS OF ALL LIGHTS AND BOOMS.
 14. ACCESS PANELS SIZE, LOCATION AND QUANTITY COORDINATE WITH MECHANICAL.
 15. ALL GYPSUM CEILINGS SHALL BE SUPPORTED USING A TEE SUSPENSION TO MINIMIZE DEPTH OF SYSTEM.

5 CEILING DETAIL - SOFFIT TRANSITION AT RATED WALL
A301 1 1/2" = 1'-0"

4 DETAIL - PARTITION AT CEILING
A301 1 1/2" = 1'-0"

3 CEILING DETAIL - SOFFIT TRANSITION AT EXISTING BEAM
A301 1 1/2" = 1'-0"



2 REFLECTED CEILING PLAN - MEN FIRST FLOOR
A301 1/4" = 1'-0"

1 REFLECTED CEILING PLAN - WOMEN FIRST FLOOR
A301 1/4" = 1'-0"

CEILING PLAN SYMBOLS

AIR DISTRIBUTION SYMBOLS		TYPICAL SUSPENDED CEILING GRID	
[Symbol]	DIFFUSER SUPPLY	[Symbol]	24" x 48" GRID SHOWN
[Symbol]	EXHAUST RETURN	[Symbol]	24" x 24" GRID SHOWN
[Symbol]	ACCESS PANEL	[Symbol]	EXISTING 12" x 12" APPLIED SURFACE TILE TO HARD LID ABOVE
[Symbol]	RADIANT HEAT PANEL	[Symbol]	GYPSUM WALL BOARD OR PLASTER
MISCELLANEOUS		LIGHT FIXTURES	
[Symbol]	PUBLIC ADDRESS OR AS SHOWN	[Symbol]	2x2 LAY-IN
[Symbol]	SMOKE DETECTOR	[Symbol]	RECESSED LINEAR LED
[Symbol]	VENT	[Symbol]	RECESSED LED
[Symbol]	WALL HEIGHT	[Symbol]	EMERGENCY LIGHT
[Symbol]	EXISTING WALL TO REMAIN	[Symbol]	EXIT LIGHT
[Symbol]	WALL TO EXTEND FULL HEIGHT TO STRUCTURE ABOVE		
[Symbol]	GWB TO EXTEND 6" ABOVE CEILING HEIGHT		

- ### KEYNOTE LEGEND:
- <<< INDICATES KEYNOTE ON PLAN
 - AE 02 EXISTING CEILING TO REMAIN. PATCH AND REPAIR AS REQUIRED FOR NEW CONSTRUCTION.
 - AE 03 EXPOSED CEILING STRUCTURE AND MATERIALS ABOVE TO REMAIN UNPAINTED, INCLUDING DECKING, JOISTS, DUCTS, PIPING, AND CONDUIT.
 - AE 12 SHOWER CURTAIN ROD SYSTEM
 - AE 26 EXTEND EXISTING WALL TO DECK AND SEAL TO MAINTAIN RATING

MARK	DESCRIPTION	DATE
1	ADDENDUM 1	03/21/2025
CD	CONSTRUCTION DOCUMENTS	03/13/2025

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1	ADDENDUM 1	03/21/2025
CD	CONSTRUCTION DOCUMENTS	03/13/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20246780
DRAWN BY: PR
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DRAWING TITLE
REFLECTED CEILING PLAN - SECOND FLOOR

A302

GENERAL CEILING NOTES

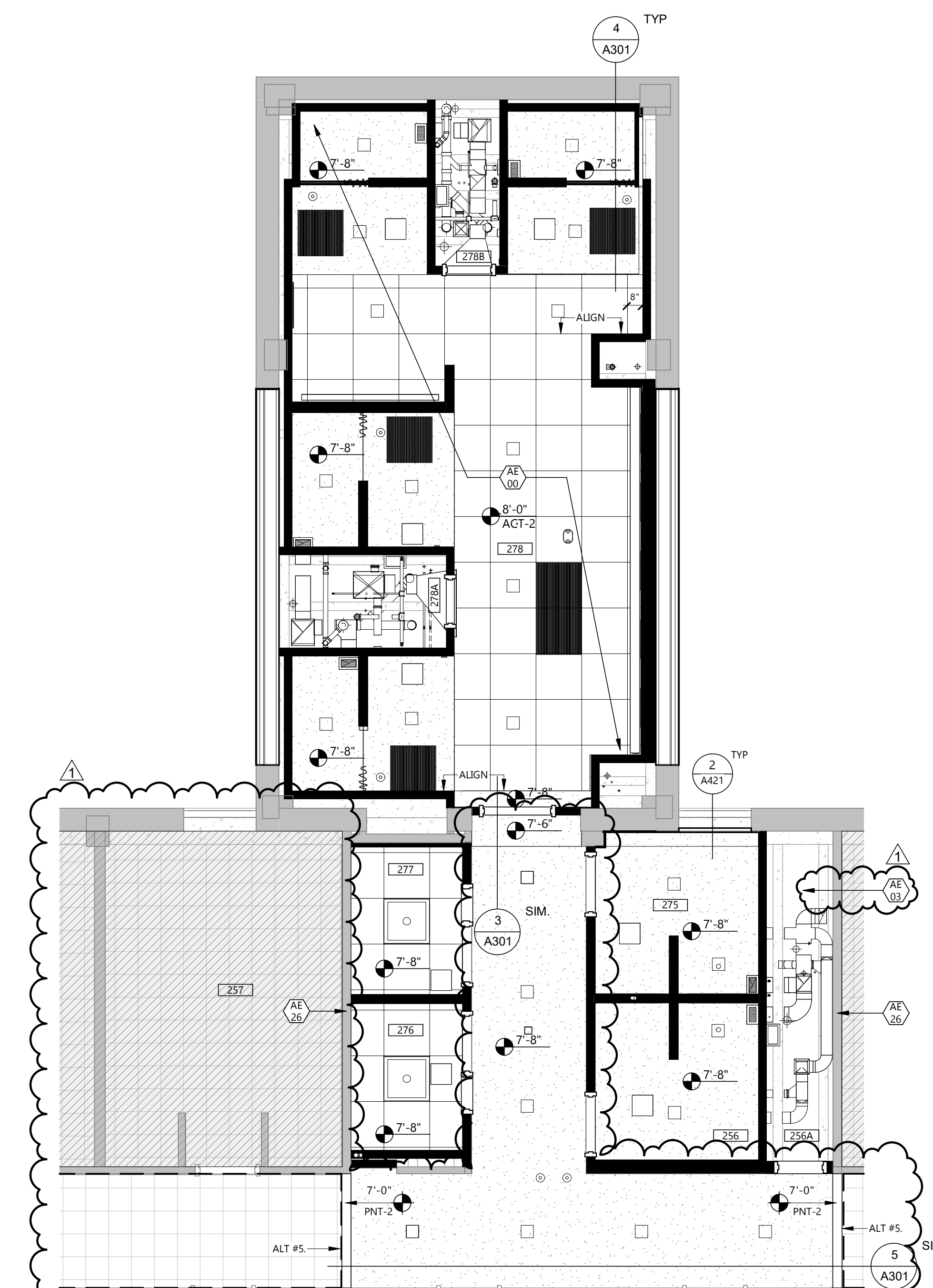
1. PROVIDE GYPSUM WALL BOARD AND METAL STUD BULK HEADS WHERE CEILINGS OF DIFFERENT HEIGHTS ABUT. DO NOT BUILD BULKHEADS OF ACOUSTICAL CEILING MATERIALS UNLESS SPECIFICALLY DETAILED.
2. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND TYPE OF DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES, ETC. SCRIBE CEILING MATERIALS FOR A TIGHT FIT.
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4. FIRE SPRINKLER CONTRACTOR IS REQUIRED TO PROVIDE FINAL DESIGN OF ENTIRE SPRINKLER SYSTEM FOR THE PROJECT AREA. SPRINKLER CONTRACTOR IS REQUIRED TO SUBMIT ALL REQUIRED INFORMATION TO REVIEW AGENCIES FOR APPROVAL AND PERMITS.
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6. WHERE CEILINGS ARE INDICATED TO BE EXPOSED TO STRUCTURE, PAINT ALL UNFINISHED MATERIALS OVERHEAD UNO, INCLUDING, BUT NOT LIMITED TO: ROOF DECKING, JOISTS, DUCTS, PIPING, CONDUIT, ETC. SEE FINISHES SHEET FOR PAINT.
7. GENERAL CONTRACTOR TO COORDINATE CEILING MOUNTED EQUIPMENT SUPPORT REQUIREMENTS, LOCATIONS, DIMENSIONS, ETC. WITH EQUIPMENT SUPPLIER AND OWNER PRIOR TO INSTALLATION.
8. CEILING MOUNTED ITEMS SUCH AS LIGHT FIXTURES, GRILLES, DIFFUSERS, SPEAKERS, EXIT LIGHTS, ETC. SHALL BE LOCATED IN THE CENTER OF CEILING PANELS, GYPSUM BOARD SOFFITS, AND/OR PLASTER SOFFIT BAYS UNLESS NOTED OTHERWISE. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS.
9. FINISHED GYPSUM BOARD SOFFITS SHALL EXTEND 1" BEYOND FACE AND EXPOSED ENDS OF WALL CABINETS, FULL-HEIGHT CABINETS, ETC. UNLESS NOTED OTHERWISE. COORDINATE CABINET DIMENSIONS WITH SUPPLIER. GYPSUM BOARD FASCIA/SOFFIT DETAILS ARE REFERENCED FROM THE REFLECTED CEILING PLAN.
10. IN REMODELING WORK IN EXISTING ACOUSTIC CEILING TILE SUSPENSION SYSTEM REMOVE EXISTING PANELS, CUT AS REQUIRED FOR CONSTRUCTION, AND REINSTALL. REPLACE DAMAGED OR SOILED PANELS WITH ACOUSTIC CEILING TILE TO MATCH EXISTING.
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15. ALL GYPSUM CEILINGS SHALL BE SUPPORTED USING A TEE SUSPENSION TO MINIMIZE DEPTH OF SYSTEM.

CEILING PLAN SYMBOLS

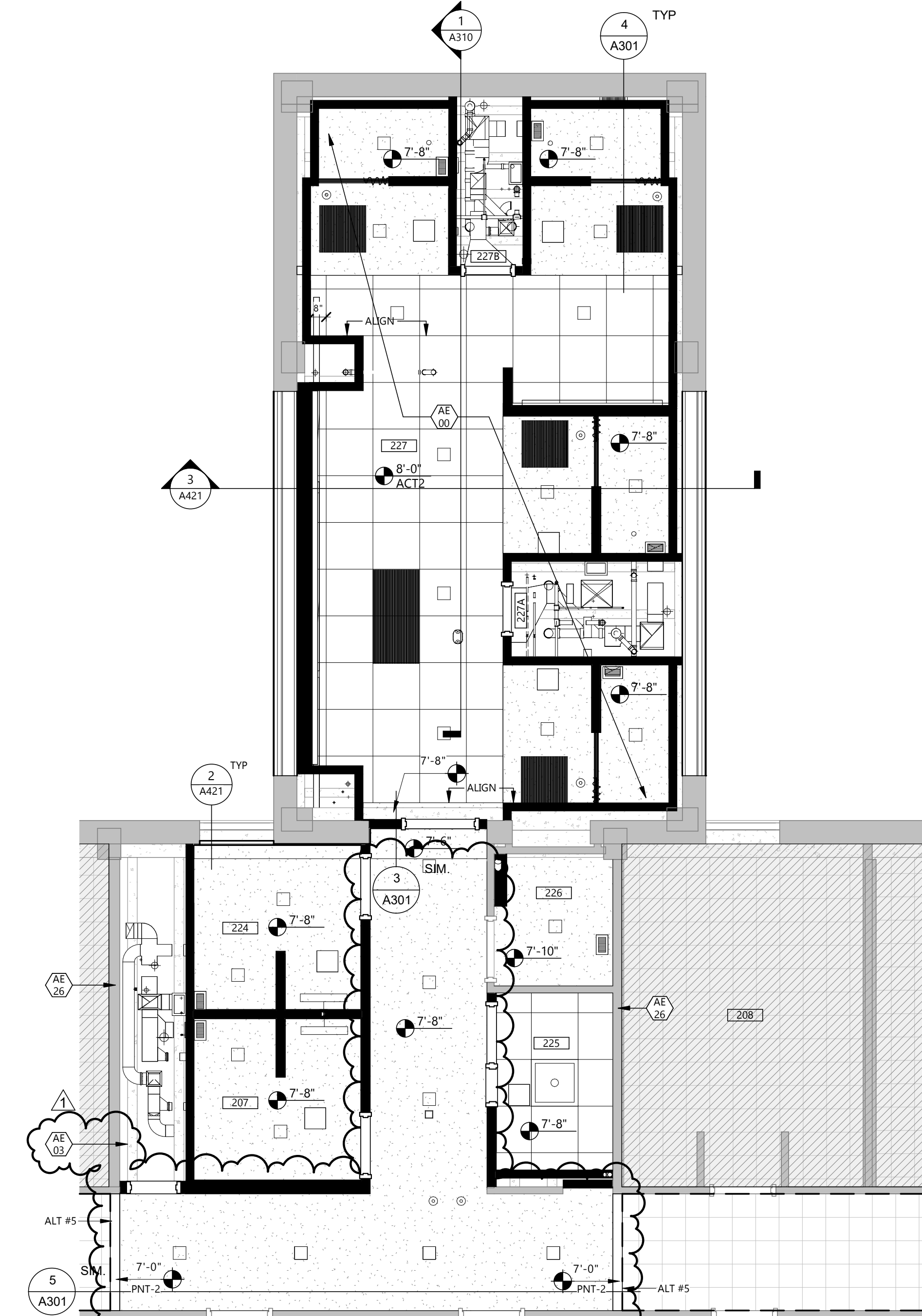
AIR DISTRIBUTION SYMBOLS	TYPICAL SUSPENDED CEILING GRID
DIFFUSER SUPPLY	24" x 48" GRID SHOWN
EXHAUST RETURN	24" x 24" GRID SHOWN
ACCESS PANEL	EXISTING 12" x 12" APPLIED SURFACE TILE TO HARD LID ABOVE
RADIANT HEAT PANEL	GYPSUM WALL BOARD OR PLASTER
MISCELLANEOUS	LIGHT FIXTURES
PUBLIC ADDRESS OR AS SHOWN	2x2 LAY-IN
SMOKE DETECTOR	RECESSED LINEAR LED
VENT	RECESSED LED
WALL HEIGHT	EMERGENCY LIGHT
EXISTING WALL TO REMAIN	EXIT LIGHT
WALL TO EXTEND FULL HEIGHT TO STRUCTURE ABOVE	
GWB TO EXTEND 6" ABOVE CEILING HEIGHT	

KEYNOTE LEGEND:

- ◊ ◊ ◊ INDICATES KEYNOTE ON PLAN
- AE 00 SEE FIRST FLOOR PLAN ON A201 AND FIRST FLOOR REFLECTED CEILING PLAN ON A301 FOR ALL DIMENSIONS, KEYNOTES, WALL TAGS AND REFERENCES IN THIS AREA.
- AE 03 EXPOSED CEILING STRUCTURE AND MATERIALS ABOVE TO REMAIN UNPAINTED, INCLUDING DECKING, JOISTS, DUCTS, PIPING, AND CONDUIT.
- AE 26 EXTEND EXISTING WALL TO DECK AND SEAL TO MAINTAIN RATING



1 REFLECTED CEILING PLAN - SECOND FLOOR - MENS
A302 1/4" = 1'-0"



2 REFLECTED CEILING PLAN - SECOND FLOOR - WOMENS
A302 1/4" = 1'-0"

1	ADDENDUM 1	03/21/2025
CD	CONSTRUCTION DOCUMENTS	03/13/2025
MARK	DESCRIPTION	DATE

PROJECT NO: 20246780
DRAWN BY: PR
CHECKED BY: SC

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DRAWING TITLE
REFLECTED CEILING PLAN - THIRD FLOOR

A303

GENERAL CEILING NOTES

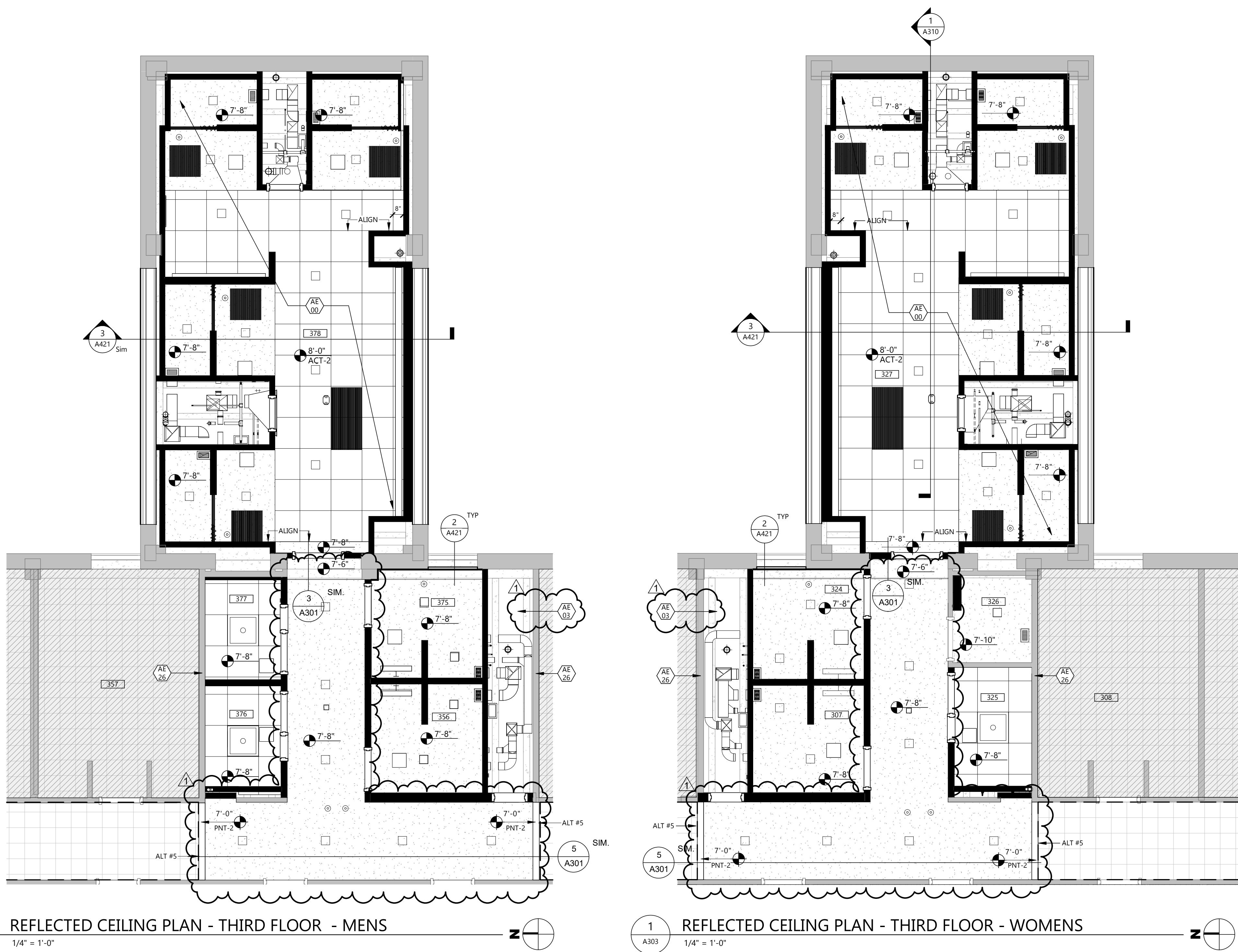
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CEILING PLAN SYMBOLS

AIR DISTRIBUTION SYMBOLS	TYPICAL SUSPENDED CEILING GRID
DIFFUSER SUPPLY	24" x 48" GRID SHOWN
EXHAUST RETURN	24" x 24" GRID SHOWN
ACCESS PANEL	EXISTING 12" x 12" APPLIED SURFACE TILE TO HARD LID ABOVE
RADIANT HEAT PANEL	GYPSUM WALL BOARD OR PLASTER
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PUBLIC ADDRESS OR AS SHOWN	2x2 LAY-IN
SMOKE DETECTOR	RECESSED LINEAR LED
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WALL HEIGHT EXISTING WALL TO REMAIN	EMERGENCY LIGHT
WALL TO EXTEND FULL HEIGHT TO STRUCTURE ABOVE	EXIT LIGHT
GWB TO EXTEND 6" ABOVE CEILING HEIGHT	

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2 REFLECTED CEILING PLAN - THIRD FLOOR - MENS
A303 1/4" = 1'-0"

1 REFLECTED CEILING PLAN - THIRD FLOOR - WOMENS
A303 1/4" = 1'-0"

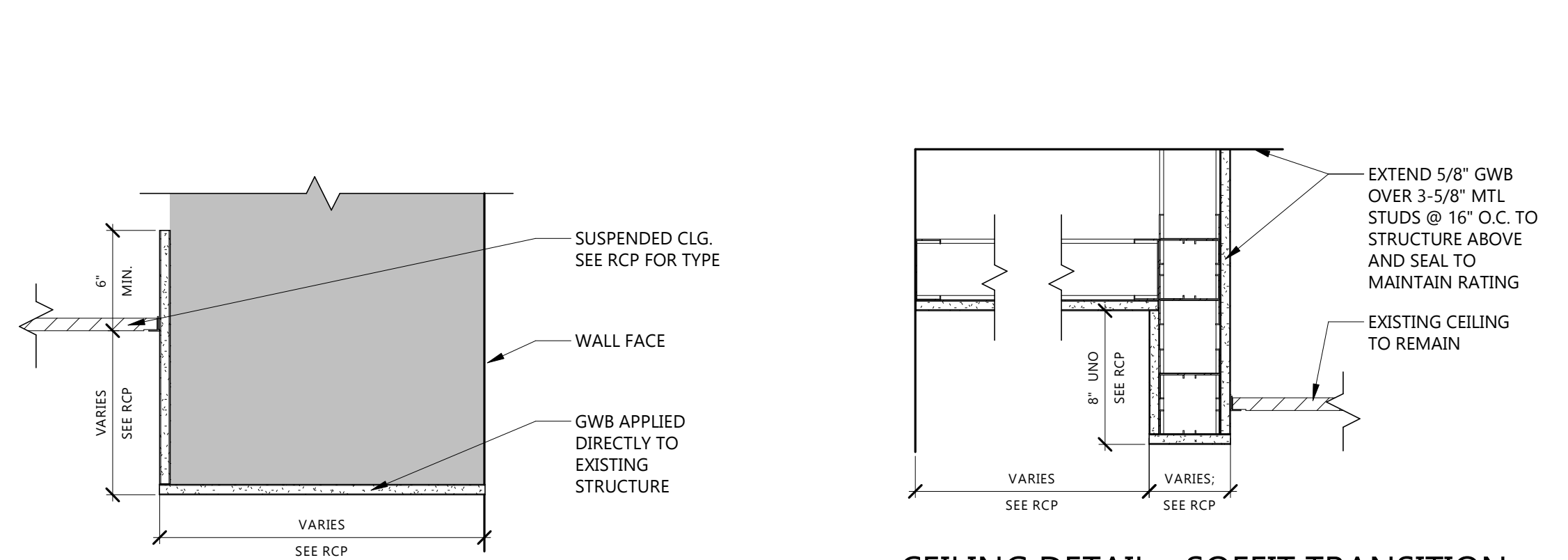
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 12. PROVIDE SMOOTH TRANSITION BETWEEN EXISTING AND NEW GYP BD CEILING WHERE NEW GYP BD MEETS EXISTING AT SAME HEIGHT (NO VISIBLE JOINT BETWEEN EXISTING AND NEW).
 13. UNSTRUT TO BE DESIGN BUILD. COORDINATE CLOSELY WITH EQUIPMENT DRAWINGS FOR LOCATIONS OF ALL LIGHTS AND BOOMS.
 14. ACCESS PANELS SIZE, LOCATION AND QUANTITY COORDINATE WITH MECHANICAL.
 15. ALL GYPSUM CEILINGS SHALL BE SUPPORTED USING A TEE SUSPENSION TO MINIMIZE DEPTH OF SYSTEM.

CEILING PLAN SYMBOLS

AIR DISTRIBUTION SYMBOLS		TYPICAL SUSPENDED CEILING GRID	
	DIFFUSER SUPPLY		24" x 48" GRID SHOWN
	EXHAUST RETURN		24" x 24" GRID SHOWN
	ACCESS PANEL		EXISTING 12" x 12" APPLIED SURFACE TILE TO HARD LID ABOVE
	RADIANT HEAT PANEL		GYPSUM WALL BOARD OR PLASTER
	MISCELLANEOUS	LIGHT FIXTURES	
	PUBLIC ADDRESS OR AS SHOWN		2x2 LAY-IN
	SMOKE DETECTOR		RECESSED LINEAR LED
	VENT		RECESSED LED
	WALL HEIGHT		EMERGENCY LIGHT
	EXISTING WALL TO REMAIN		EXIT LIGHT
	WALL TO EXTEND FULL HEIGHT TO STRUCTURE ABOVE		
	GWB TO EXTEND 6" ABOVE CEILING HEIGHT		

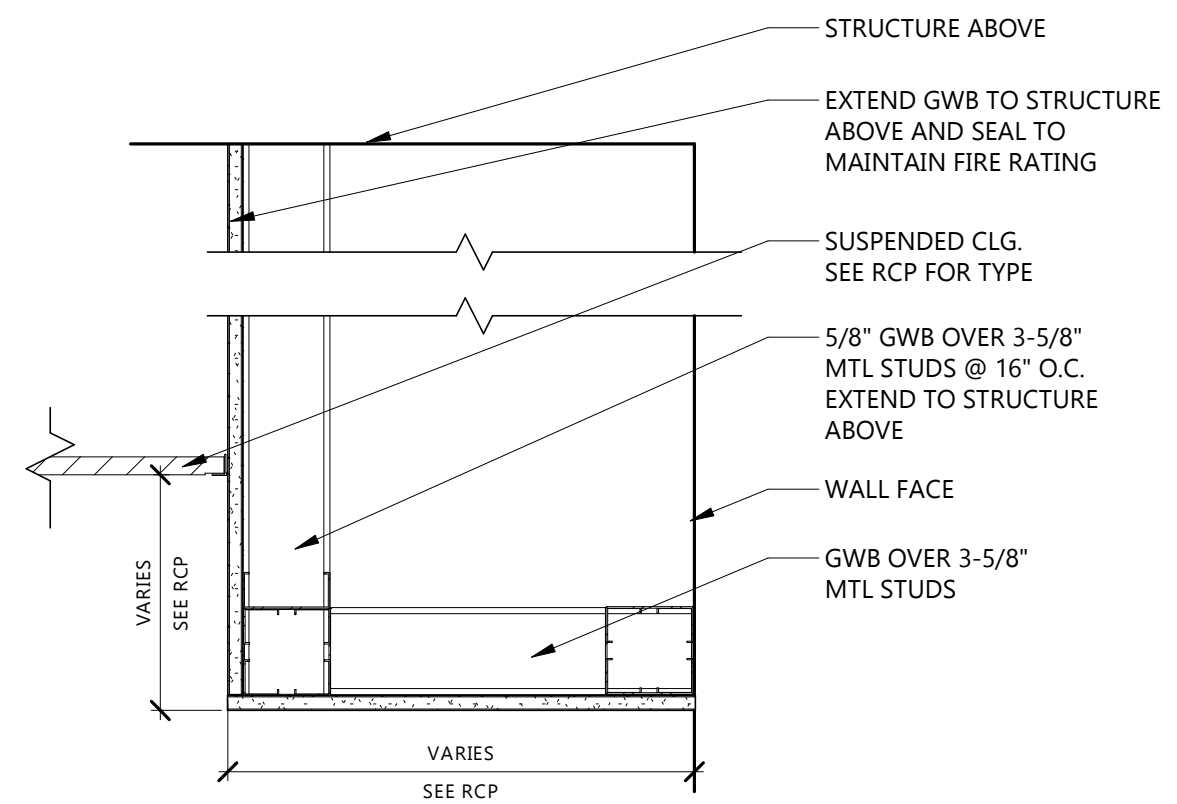
KEYNOTE LEGEND:

	<<< INDICATES KEYNOTE ON PLAN
AE 02	EXISTING CEILING TO REMAIN. PATCH AND REPAIR AS REQUIRED FOR NEW CONSTRUCTION.
AE 17	OVEN WITH OVERHEAD HOOD BY OWNER. SEE MECHANICAL FOR REQUIREMENTS.
AE 26	EXTEND EXISTING WALL TO DECK AND SEAL TO MAINTAIN RATING
AE 27	EXTEND SOFFIT / BULKHEAD TO DECK AND SEAL TO MAINTAIN RATING
AE 28	EXISTING SOFFIT / BULKHEAD TO REMAIN
AE 40	SHIPS LADDER

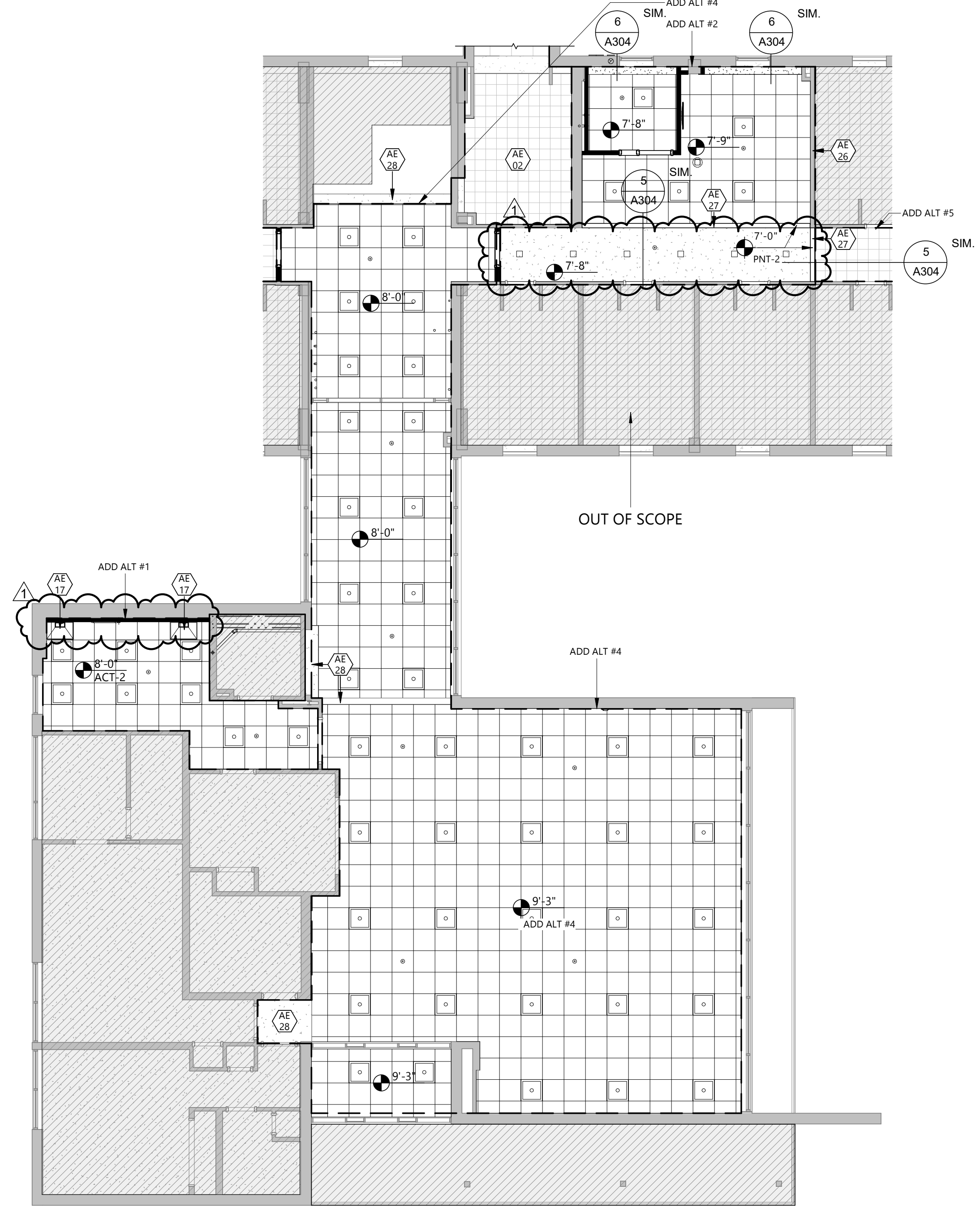


6 CEILING DETAIL - SOFFIT AT EXISTING STRUCTURE
A304 1 1/2" = 1'-0"

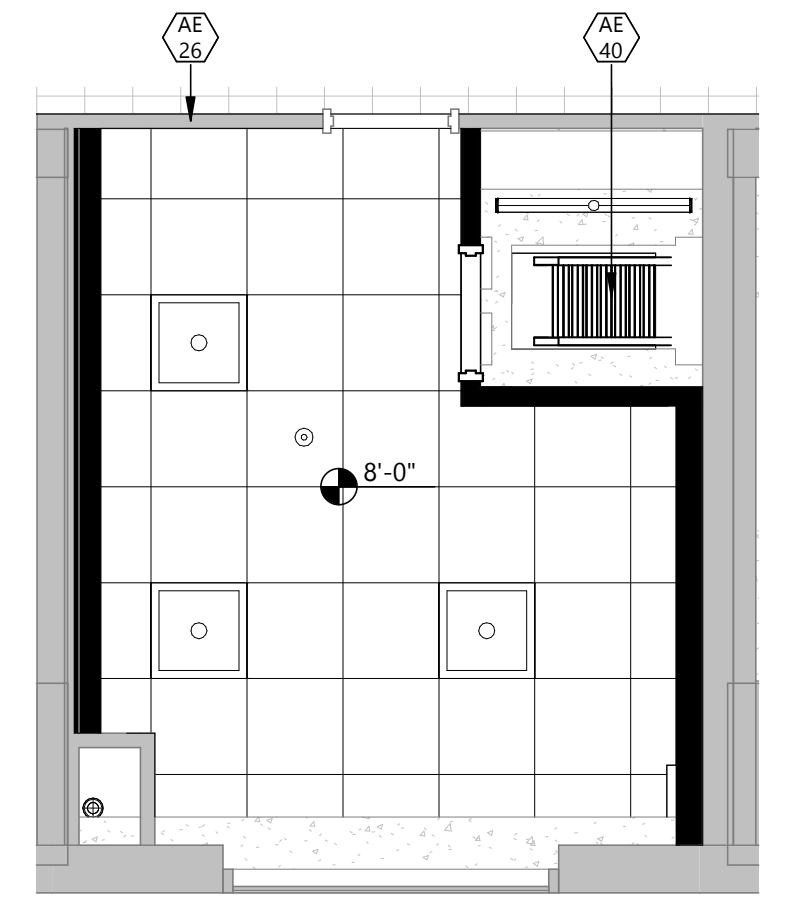
5 CEILING DETAIL - SOFFIT TRANSITION HIGH AT BULKHEAD
A304 1 1/2" = 1'-0"



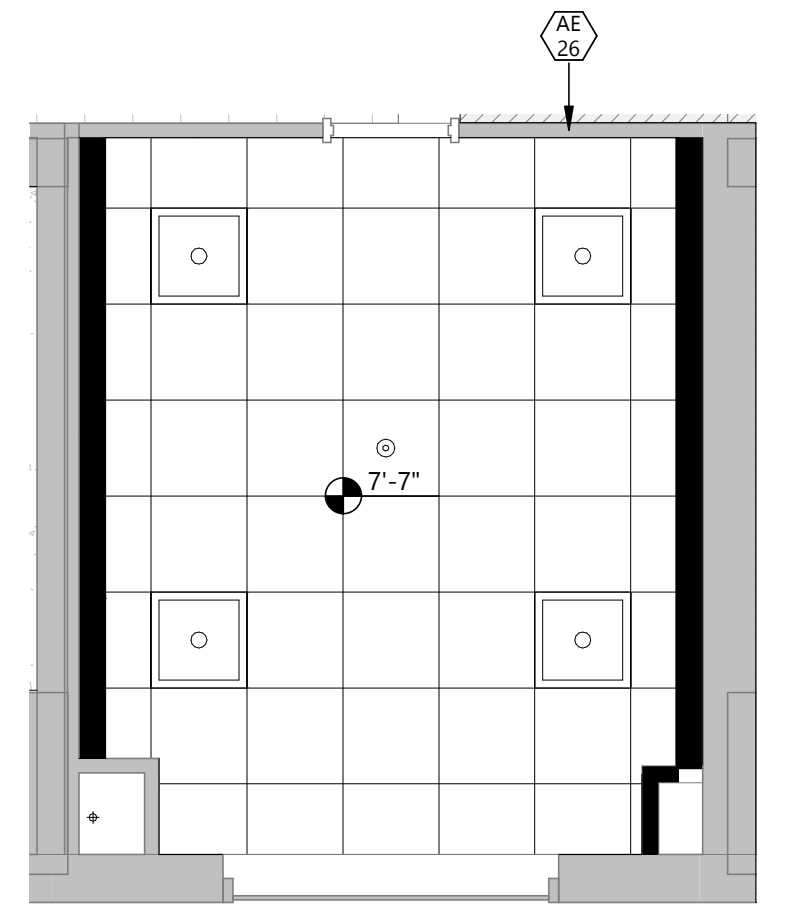
4 CEILING DETAIL - SOFFIT AT RATED WALL
A304 1 1/2" = 1'-0"



1 REFLECTED CEILING PLAN - FIRST FLOOR - LOBBY / STUDENT SPACE (ADD ALT)
A304 1/8" = 1'-0"



3 REFLECTED CEILING PLAN - THIRD FLOOR - LAUNDRY (ADD ALT 3)
A304 1/4" = 1'-0"



2 REFLECTED CEILING PLAN - SECOND FLOOR - LAUNDRY (ADD ALT 3)
A304 1/4" = 1'-0"

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PROJECT DESCRIPTION
SWN 0509, WANETA HALL RENOVATE RESTROOMS (OSE# R0325--15X)

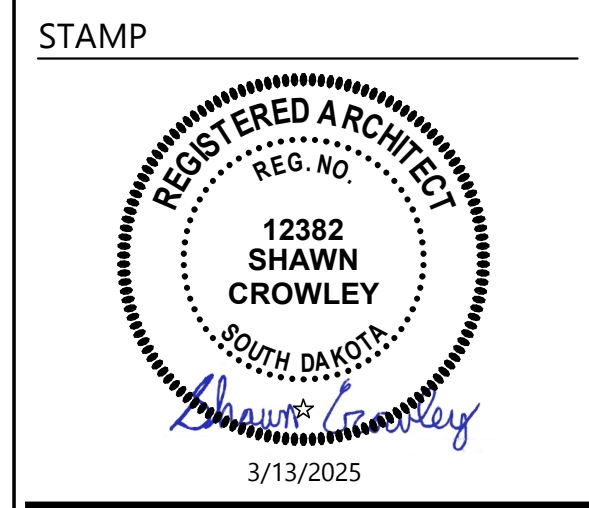
CITY **BROOKINGS**
STATE **SD**

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 1	03/21/2025
CD	CONSTRUCTION DOCUMENTS	03/13/2025

PROJECT NO: **20246780**
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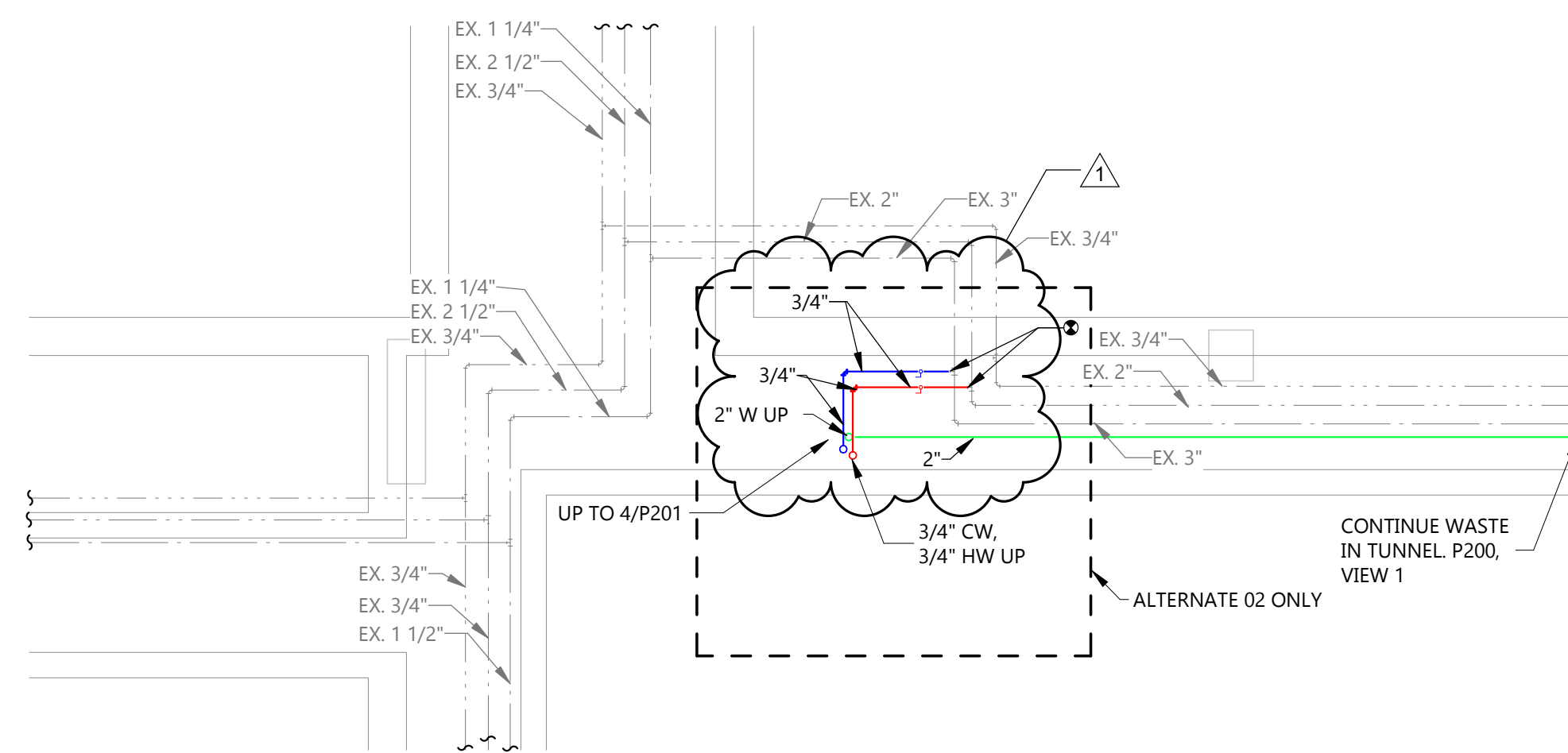


DRAWING TITLE
REFLECTED CEILING PLAN - ADD ALTERNATES

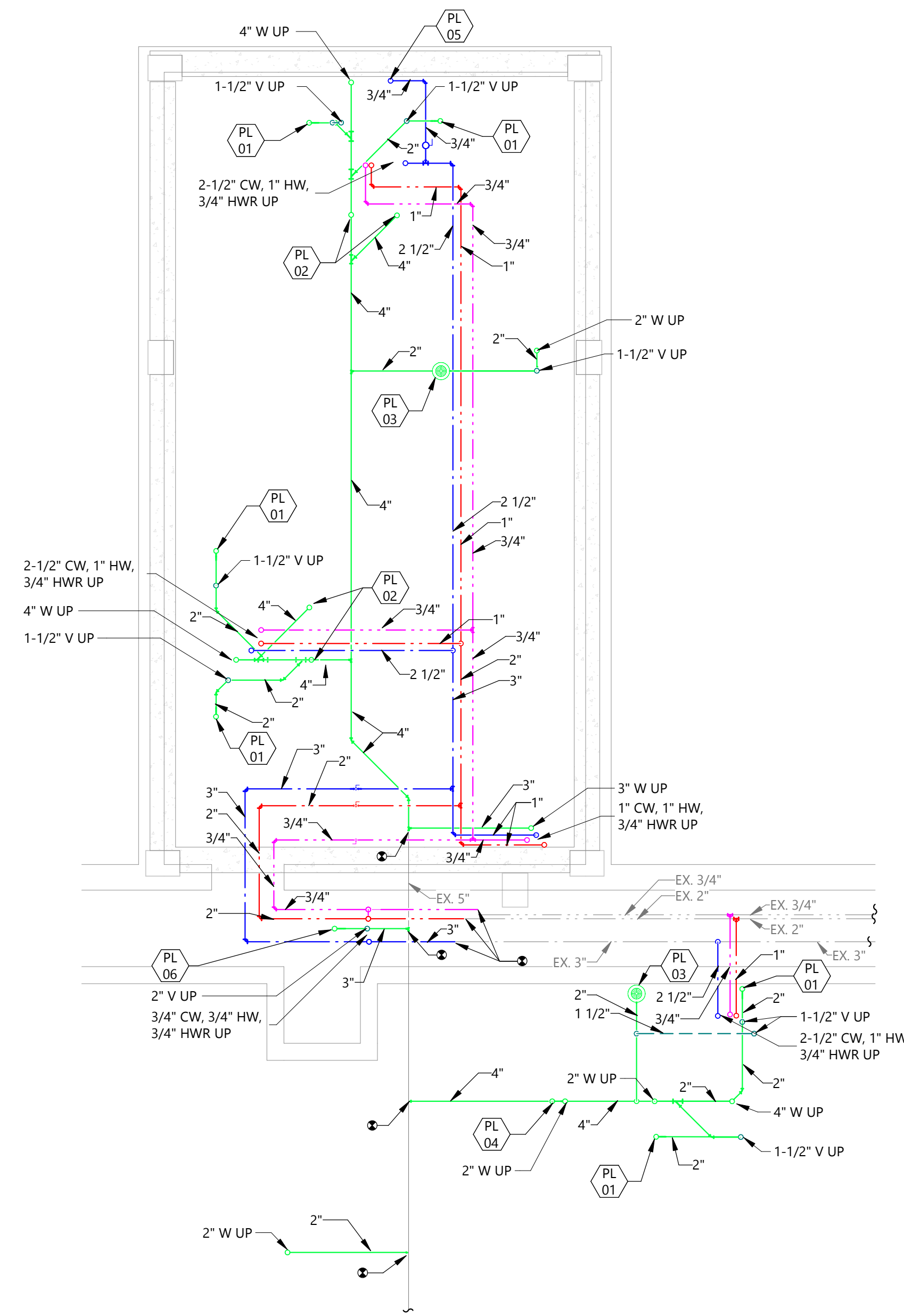
A304

KEYNOTE LEGEND:

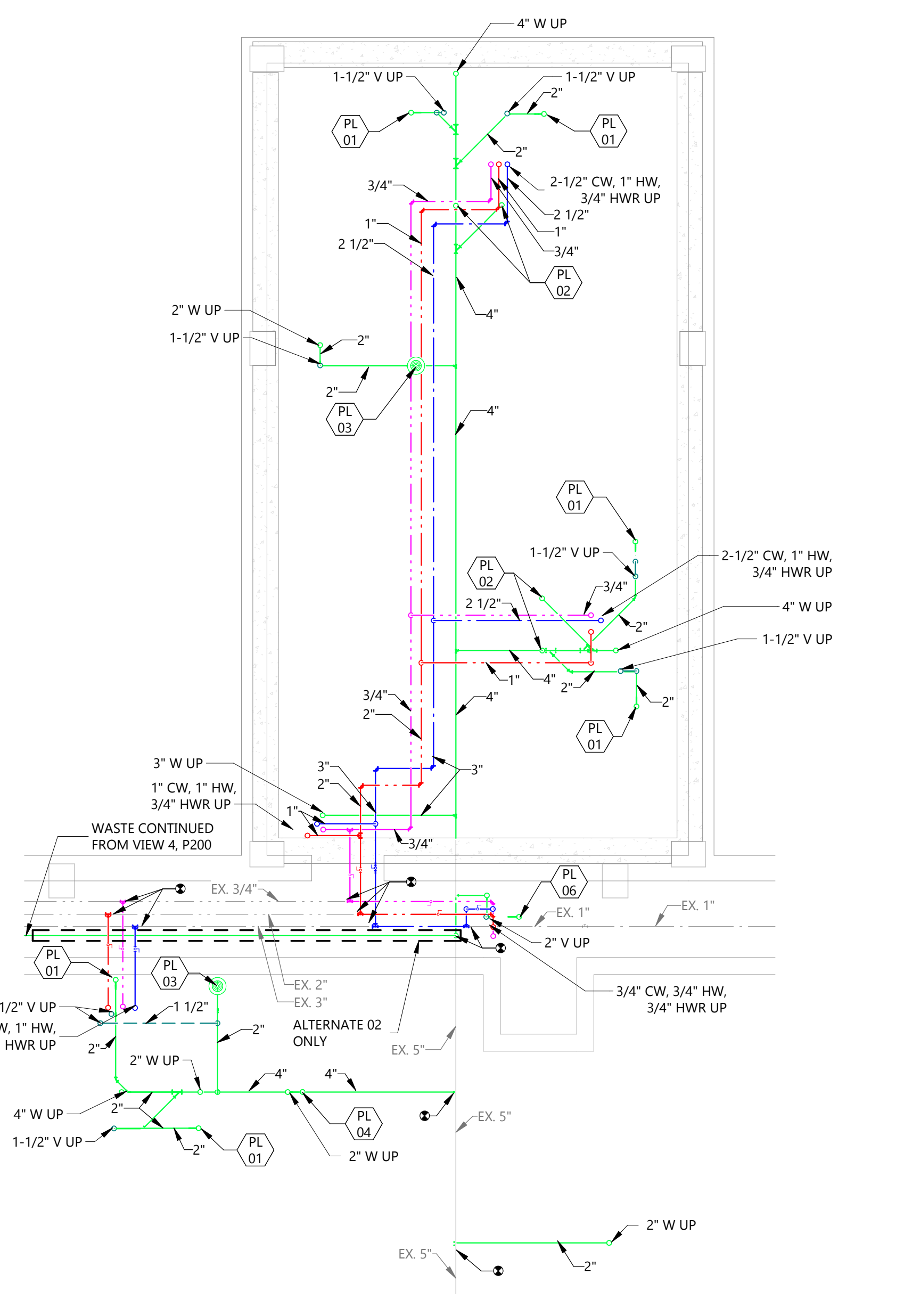
	<<< INDICATES KEYNOTE ON PLAN
PL 01	2" WASTE UP TO SHOWER DRAIN
PL 02	4" WASTE UP TO WATER CLOSET CARRIER
PL 03	2" WASTE UP TO FLOOR DRAIN
PL 04	2" WASTE UP TO SINK
PL 05	3/4" CW UP TO WALL HYDRANT
PL 06	3" WASTE UP TO MB



3 UNDERGROUND/TUNNEL PLUMBING PLAN - LAUNDRY ROOM (ALT. 02)
 P200 1/4" = 1'-0"



2 CRAWL SPACE PLUMBING PLANS - MENS
 P200 1/4" = 1'-0"



1 CRAWL SPACE PLUMBING PLANS - WOMENS
 P200 1/4" = 1'-0"

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STATE SD

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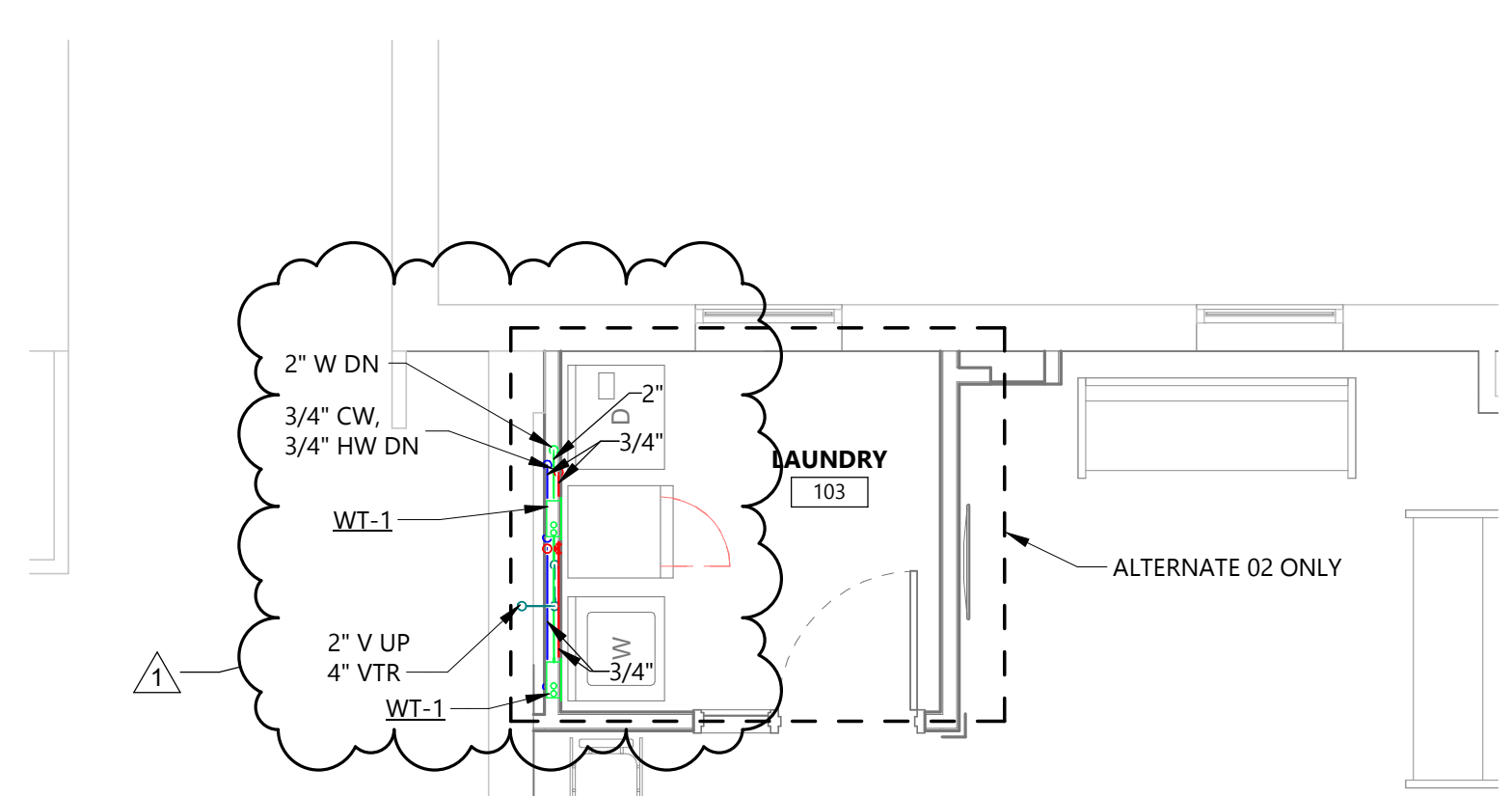
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DRAWING TITLE
 CRAWL SPACE PLUMBING PLANS

P200



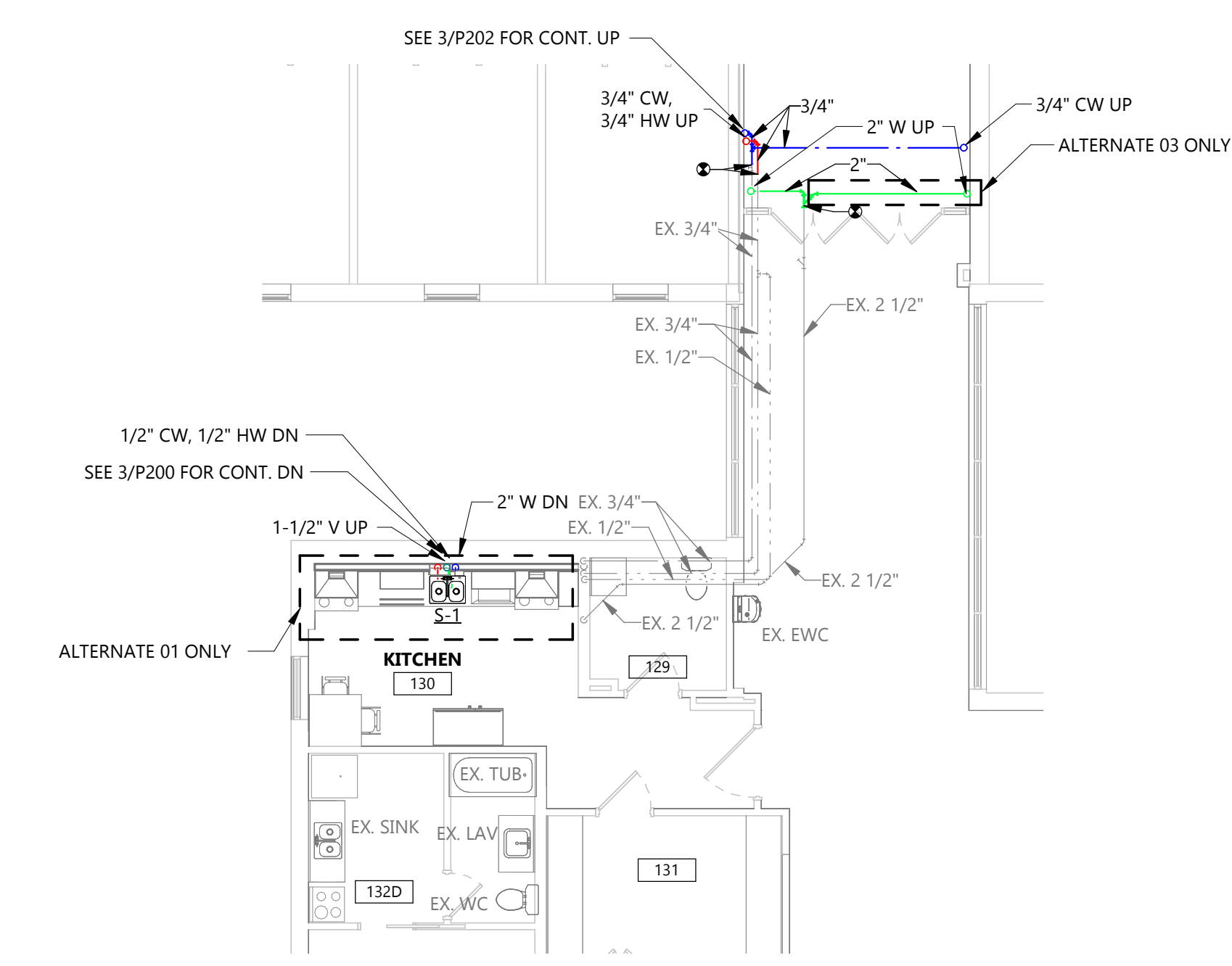
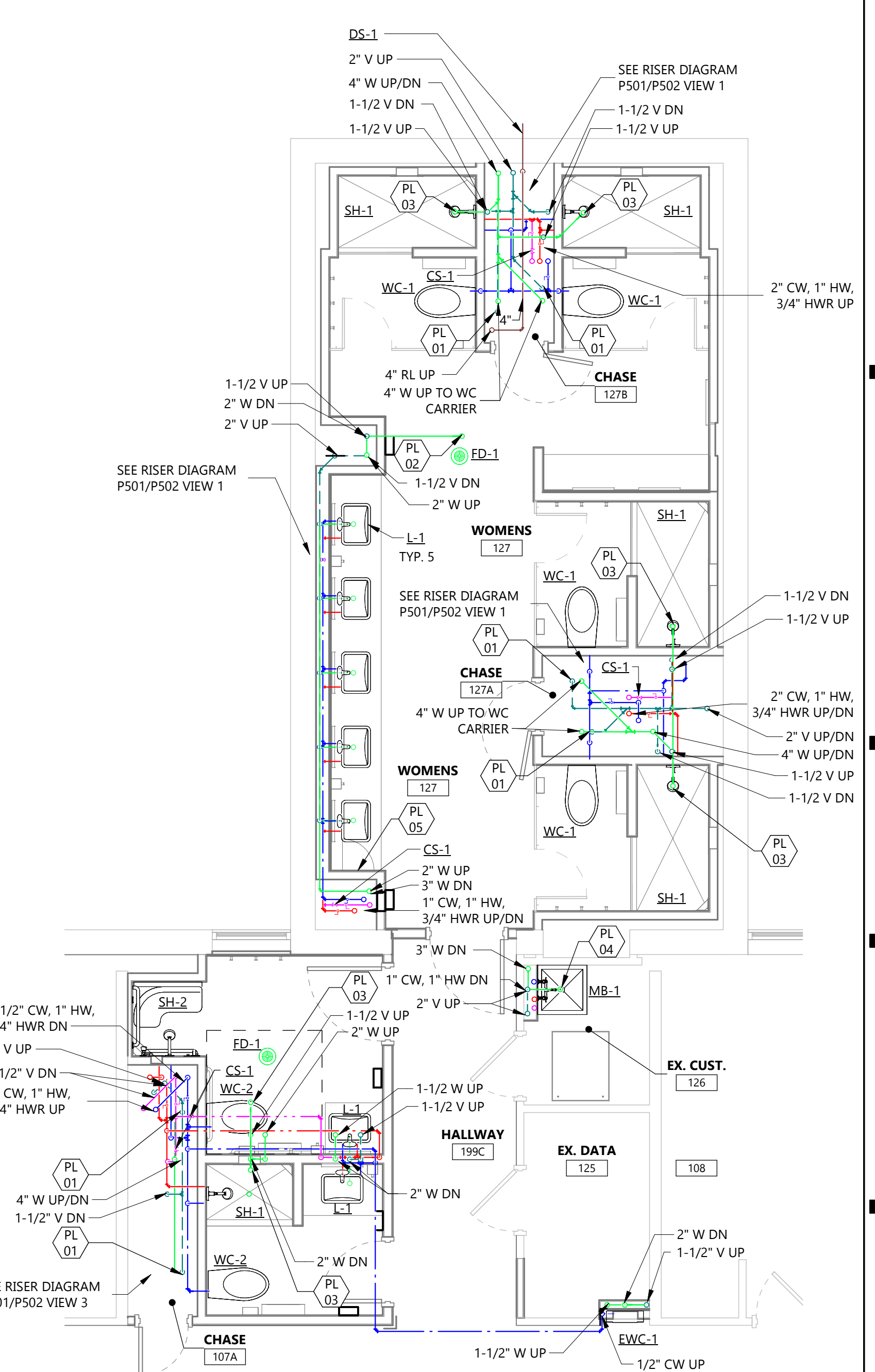
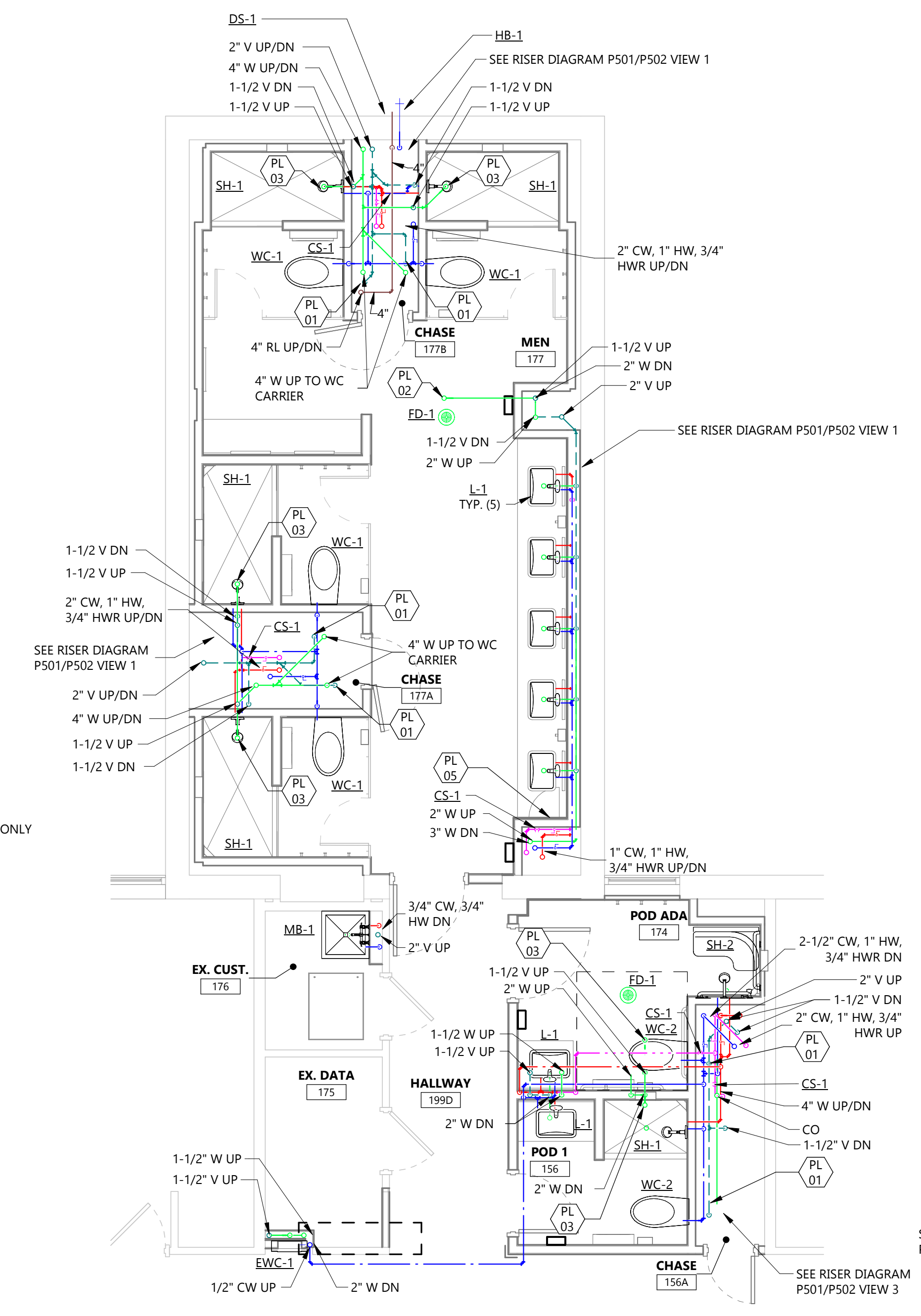
GENERAL NOTES

1. INSTALL ISOLATION VALVES AND CIRCUIT SOLVER. BELOW COUNTERTOP WHERE DOMESTIC WATER PIPING LEAVES CHASE PRIOR TO ENTERING WALL BEHIND LAVS. COORDINATE INSTALL OF COMPONENTS FOR SERVICEABILITY WITHIN SHROUD PROVIDED BY G.C.

KEYNOTE LEGEND:

PL 01	2" VENT DN TO WATER CLOSET CARRIER
PL 02	2" WASTE UP TO FD-1
PL 03	2" WASTE UP TO SHOWER DRAIN
PL 04	3" WASTE UP TO MB-1
PL 05	ACCESS DOOR FOR BALL VALVE & CIRCUIT SOLVER ACCESS

4 FIRST FLOOR PLUMBING PLAN - LAUNDRY (ALT. 02)
 P201 1/4" = 1'-0"



3 FIRST FLOOR KITCHEN & LOBBY PLUMBING PLAN
 P201 1/8" = 1'-0"

2 MEN - FIRST FLOOR PLUMBING PLAN
 P201 1/4" = 1'-0"

1 WOMEN - FIRST FLOOR PLUMBING PLAN
 P201 1/4" = 1'-0"

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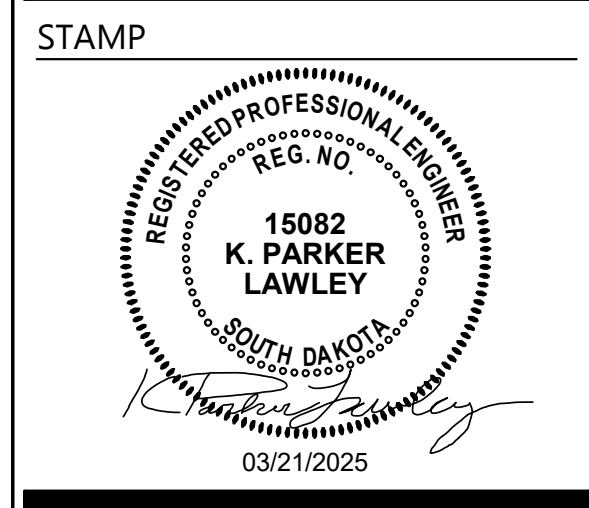
CITY BROOKINGS
 STATE SD

ISSUE DATES

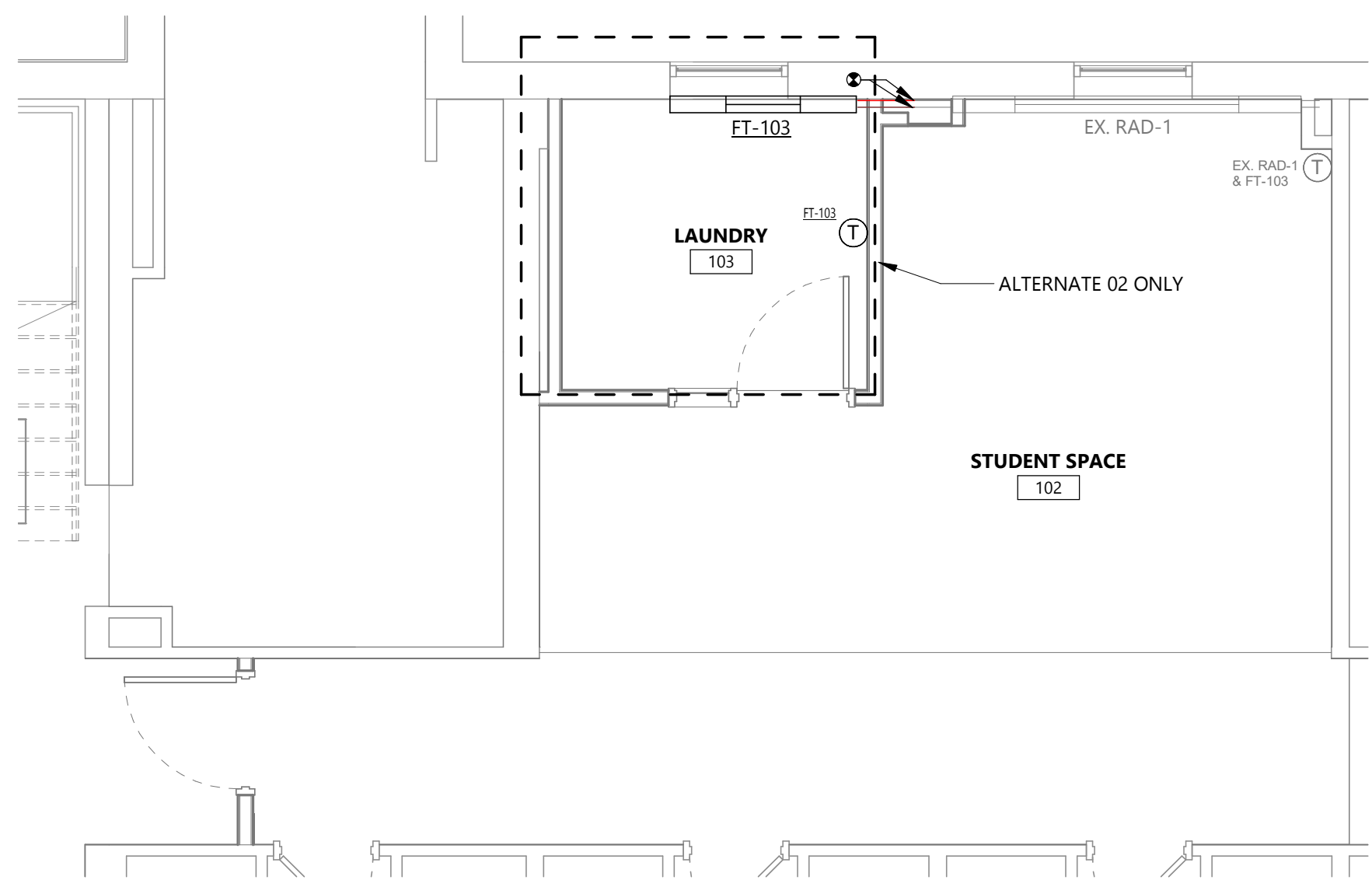
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DRAWING TITLE
 FIRST FLOOR PLUMBING PLANS



KEYNOTE LEGEND:

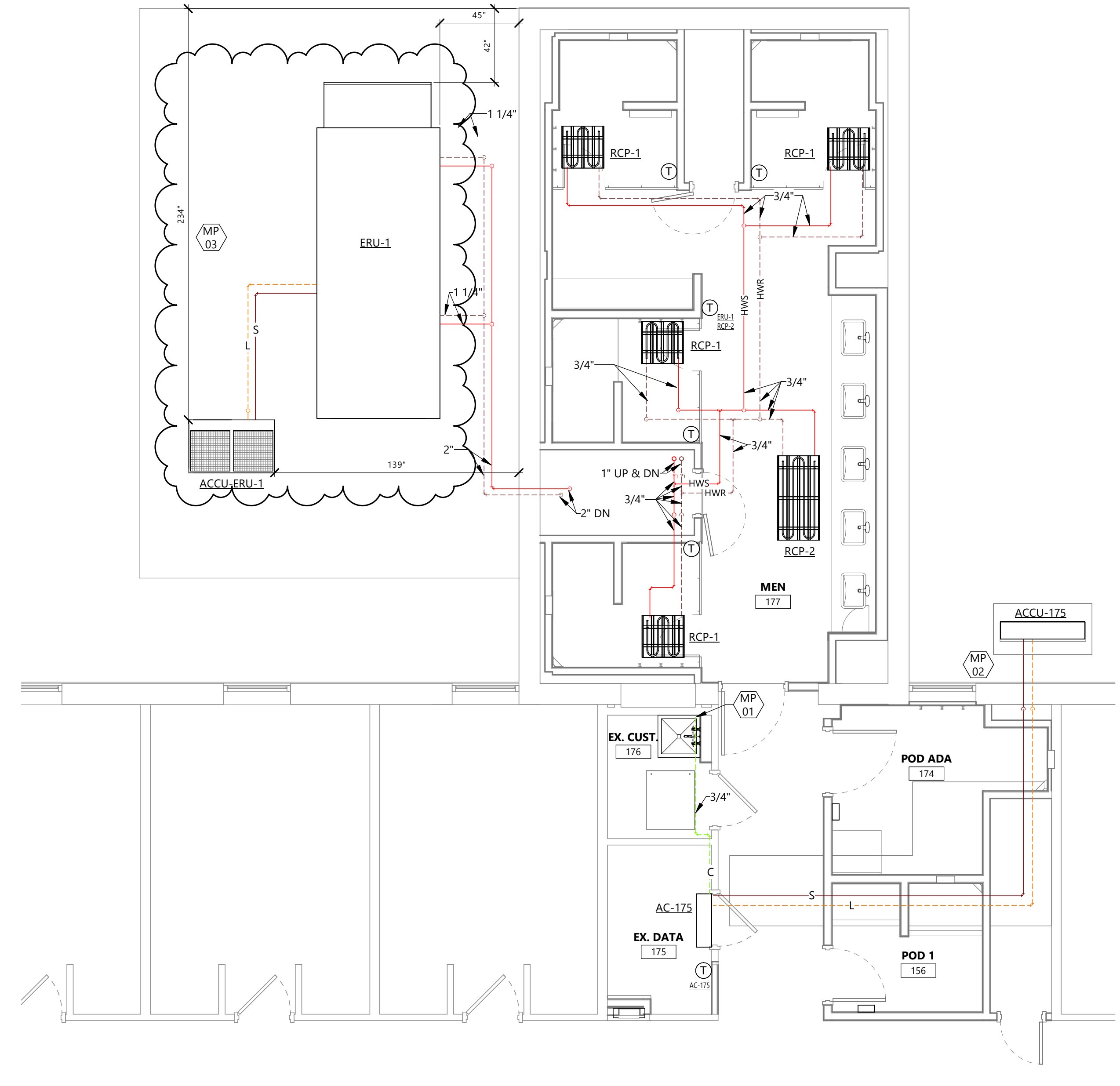
<<< INDICATES KEYNOTE ON PLAN

MP 01 3/4" COND DOWN TO CORNER OF MOP BASIN. TERMINATE 1" ABOVE FLOOD RIM.

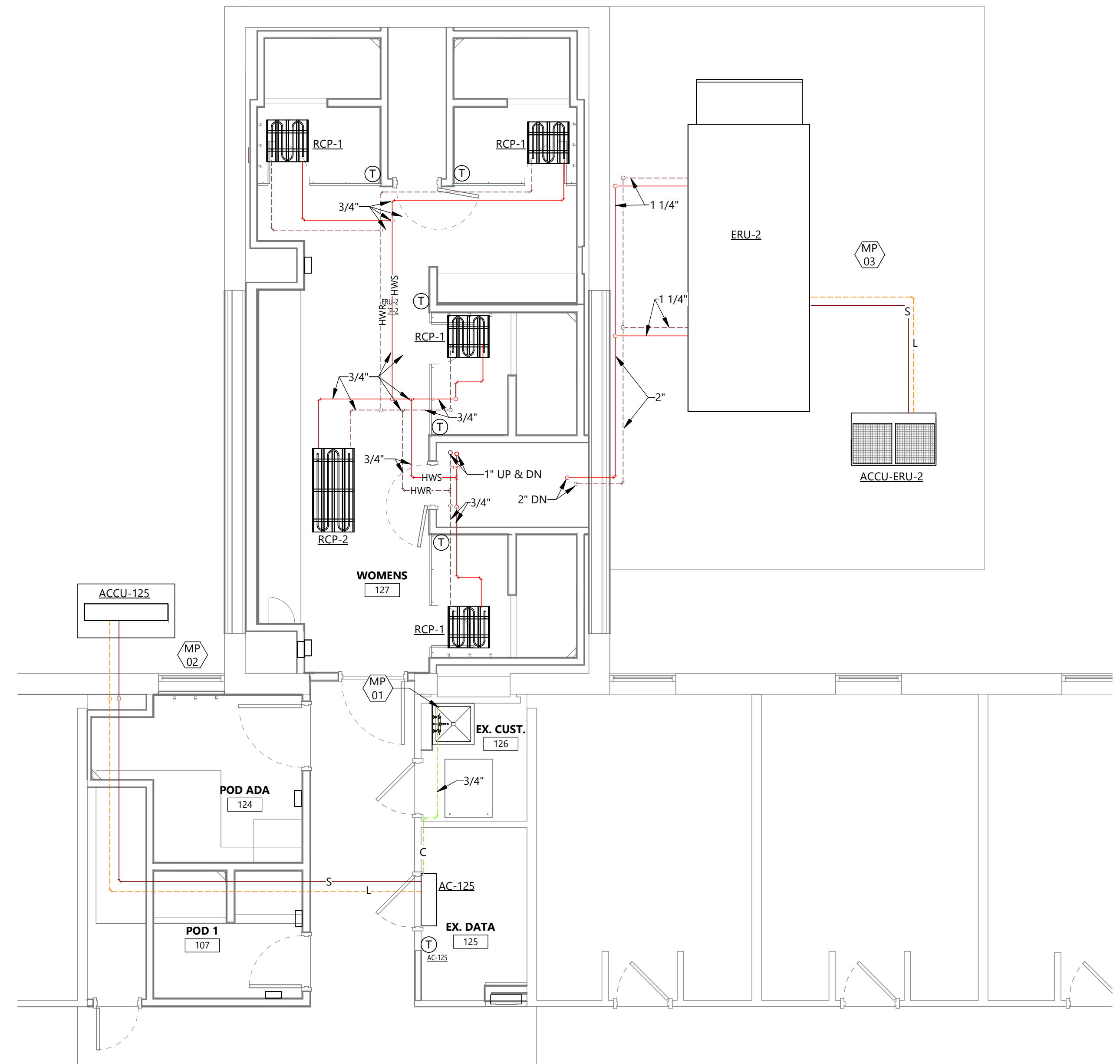
MP 02 INSTALL ACCU ON CONCRETE PAD. ROUTE & SIZE REFRIGERANT PIPING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. FIELD VERIFY ACCU LOCATION TO MAINTAIN COIL PULLS AND ACCESS TO ERU.

MP 03 CONCRETE PAD FOR ERU & CONDENSING UNIT BY G.C. SLAB WITH #4'S AT 12" ON CENTER EACH WAY. PROVIDE PIPE SUPPORTS SUITABLE FOR GROUND MOUNT APPLICATION ON PAD PER SPECIFICATION.

3 FIRST FLOOR STUDENT SPACE MECHANICAL HYDRONIC PLAN
 1/4" = 1'-0"



2 FIRST FLOOR MEN'S BATHROOM HYDRONIC PLAN
 1/4" = 1'-0"



1 FIRST FLOOR WOMEN'S BATHROOM HYDRONIC PLAN
 1/4" = 1'-0"

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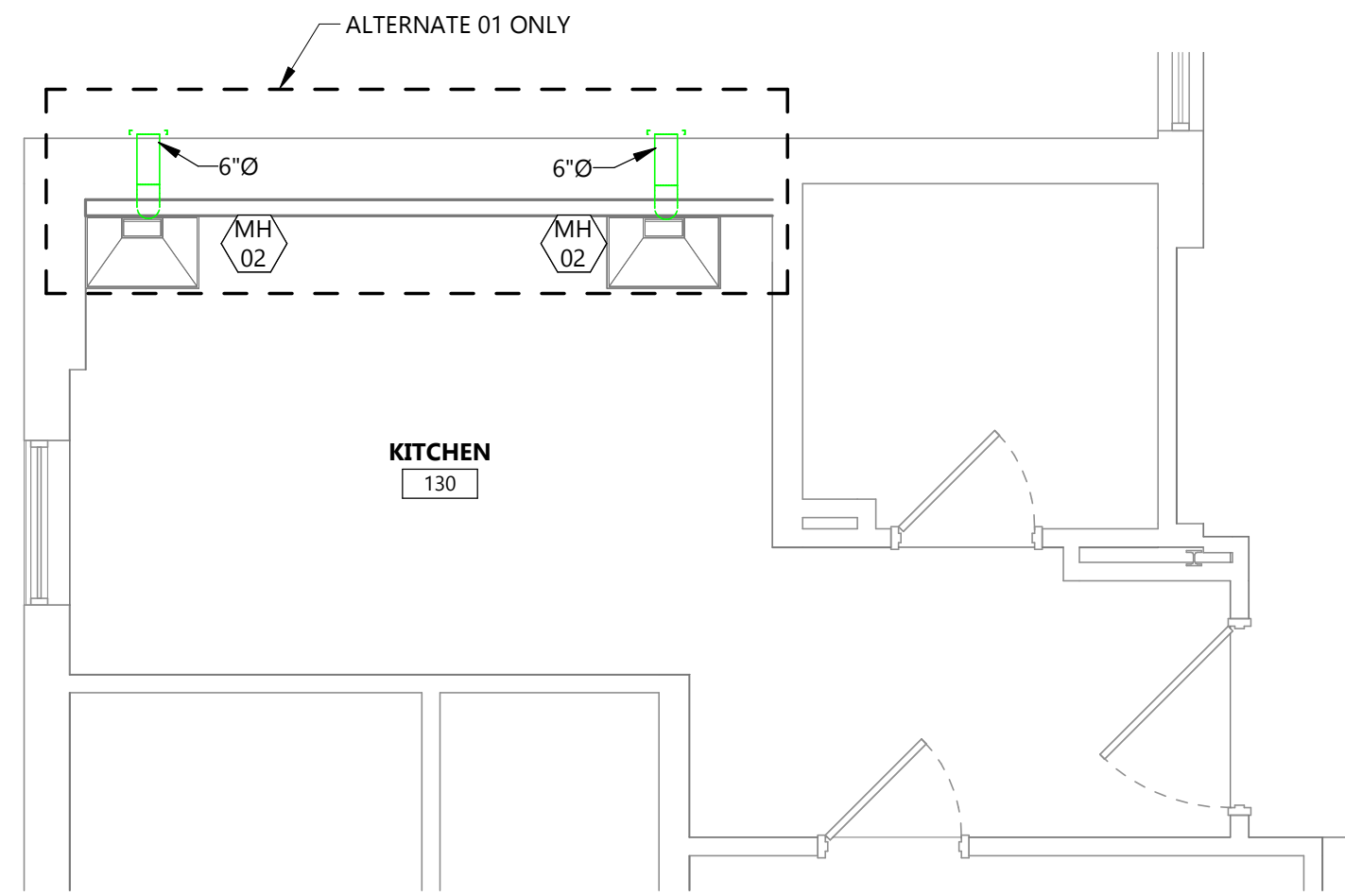
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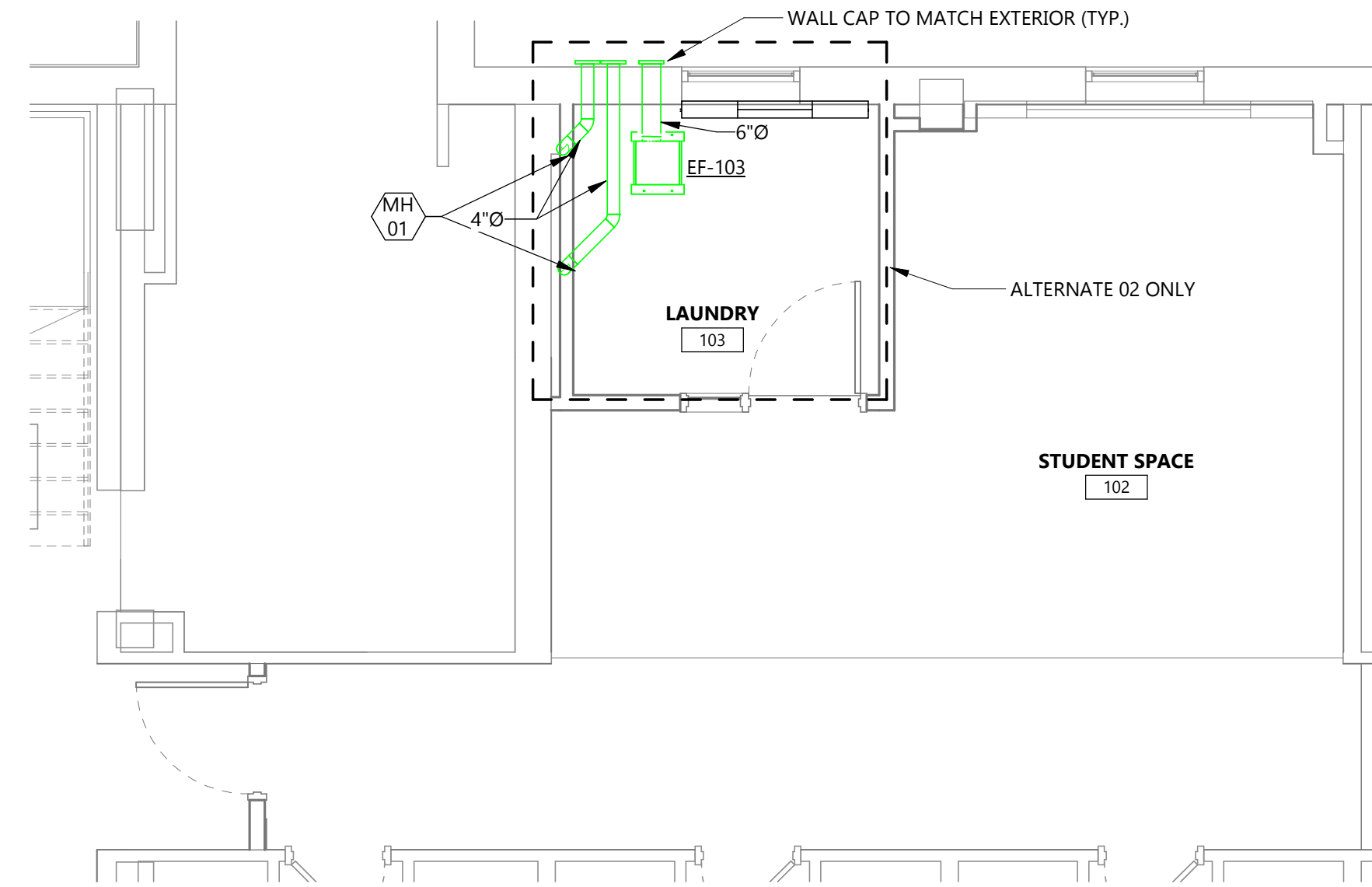
REGISTERED PROFESSIONAL ENGINEER
 REG. NO. 15082
K. PARKER LAWLEY
 SOUTH DAKOTA
 03/21/2025

DRAWING TITLE
FIRST FLOOR HYDRONICS PLANS

M201



3 FIRST FLOOR KITCHEN MECHANICAL VENTILATION PLAN (ALT. 01 ONLY)
M301 1/4" = 1'-0"



4 FIRST FLOOR STUDENT SPACE MECHANICAL VENTILATION PLAN (ALT. 02 ONLY)
M301 1/4" = 1'-0"

KEYNOTE LEGEND:

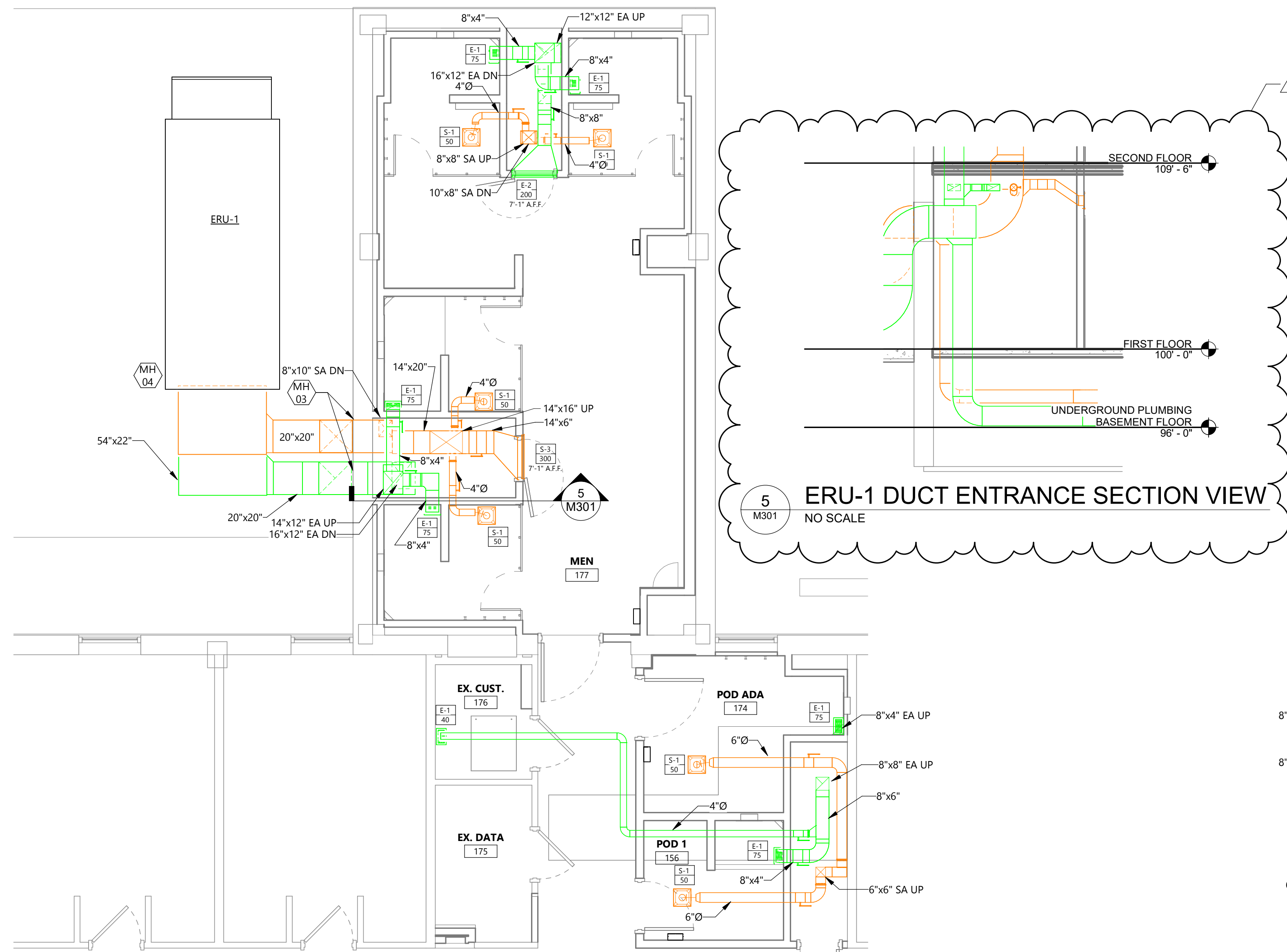
<<< INDICATES KEYNOTE ON PLAN

MH 01 UNDER ALTERNATE 02 ONLY, 4" DRYER VENT EA DOWN TO DRYER BOX DB-425 OR SIMILAR. DRYER VENT TERMINATED AT EXTERIOR WALL WITH 4" WALL CAP. WALL CAP COLOR TO MATCH BRICK.

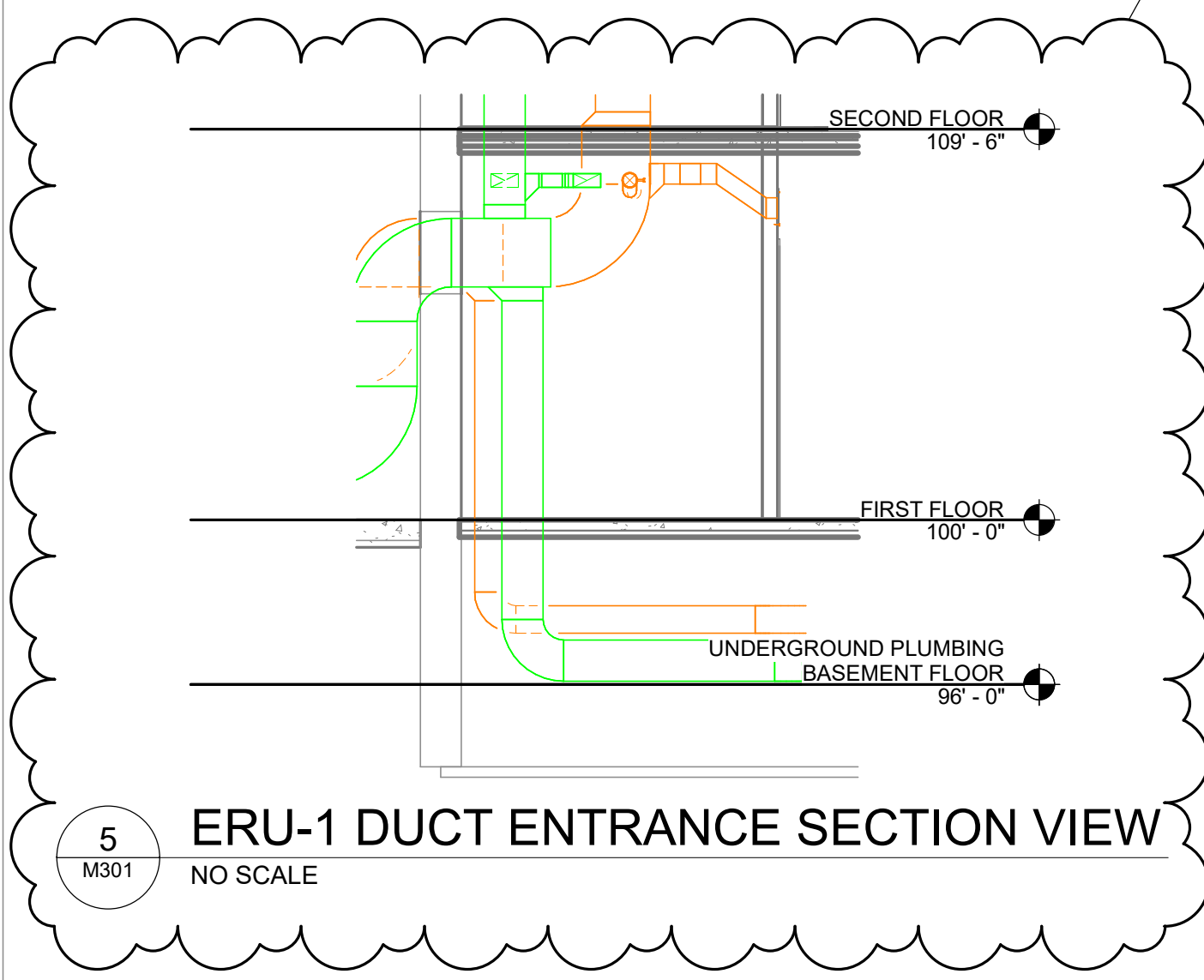
MH 02 UNDER ALTERNATE 01 ONLY, OWNER FURNISHED RANGE HOOD, INSTALLED BY G.C. INSTALL & ROUTE 6"Ø EA TO WALL CAP WITH BACKDRAFT DAMPER.

MH 03 ROUTE & INSTALL DUCTWORK THROUGH EXISTING WINDOW OPENING TO ENTER BUILDING.

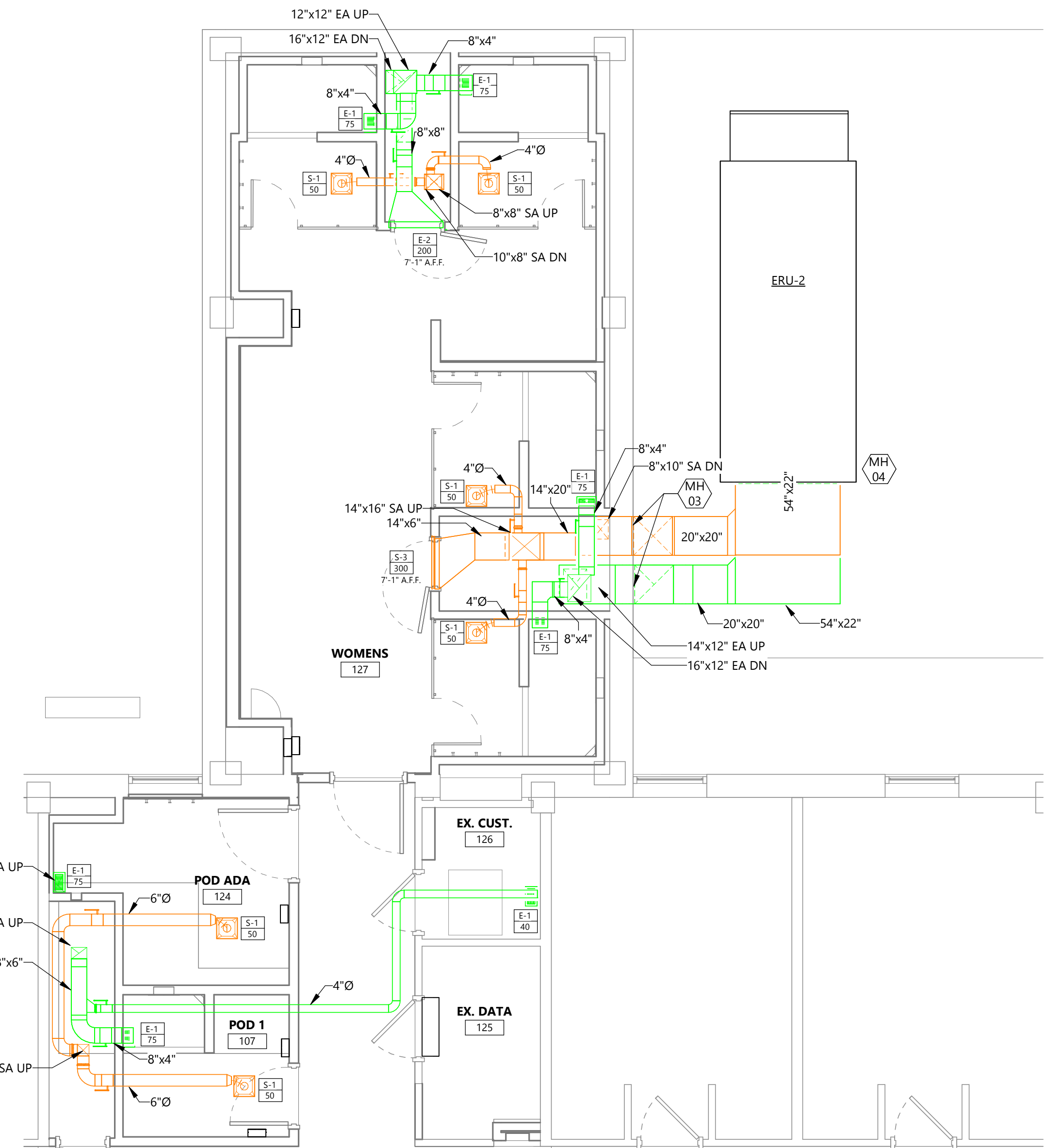
MH 04 PROVIDE SLAB MOUNT DUCT SUPPORTS AS REQUIRED PER SMACNA & MANUFACTURER RECOMMENDATIONS. SUPPORT MATERIAL SHALL BE SUITABLE & TREATED FOR OUTDOOR APPLICATION.



2 FIRST FLOOR MEN'S BATHROOM MECHANICAL VENTILATION PLAN
M301 1/4" = 1'-0"



5 ERU-1 DUCT ENTRANCE SECTION VIEW
NO SCALE



1 FIRST FLOOR WOMEN'S BATHROOM MECHANICAL VENTILATION PLAN
M301 1/4" = 1'-0"

EAPC

Architecture Engineering
Interior Design Industrial

TELE 605.444.1600 FAX 605.444.1601
101 N. Phillips Ave., Ste. 300, Sioux Falls, SD 57104
www.eapc.net

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REGISTERED PROFESSIONAL ENGINEER
REG. NO. 15082
K. PARKER LAWLEY
SOUTH DAKOTA
03/21/2025

DRAWING TITLE
FIRST FLOOR VENTILATION PLANS

M301

Revit Version: 2025
Plot Date: 3/21/2025 8:41:36 AM

GENERAL DEMO NOTES

A. INDICATES ITEM TO BE REMOVED. DEMOLITION SHOWN ON THE DRAWING SHALL BE INTENDED ONLY AS A GUIDE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT & FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO BIDDING THEREIN TO DETERMINE THE AMOUNT OF WORK OF DEMOLITION REQUIRED. NO EXTRA COMPENSATION TO BE ALLOWED DUE TO MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED DUE TO OF THEIR LACK OF KNOWLEDGE OF ANY EXISTING CONDITIONS.

KEYNOTE LEGEND:

<<< INDICATES KEYNOTE ON PLAN

1. FIRE ALARM DEVICE SHALL BE REMOVED, CLEANED AND STORED FOR INSTALLATION IN NEW CEILING MAINTAIN AND PULL CABLING BACK TO ACCESSIBLE CEILING SPACE FOR INSTALLATION IN NEW CEILING.
2. DISCONNECT HAND DRYER AND TURN OVER TO OWNER. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
3. CEILING IN CORRIDOR TO BE REMOVED TO DOTTED LINE. REMOVE AND SUPPORT ALL CEILING MOUNTED DEVICES. SUPPORT CABLING ABOVE CEILING AS NEEDED. NOT ALL DEVICES SHOWN.
4. SURFACE RACEWAY SHALL BE DISCONNECTED, CLEANED, AND TURNED OVER TO OWNER. DISPOSE OF SURFACE RACEWAY IF REFUSED BY OWNER.
5. CIRCUIT FOR RECEPTACLE SHALL BE CONNECTED TO NEW CIRCUIT IN ROOM.

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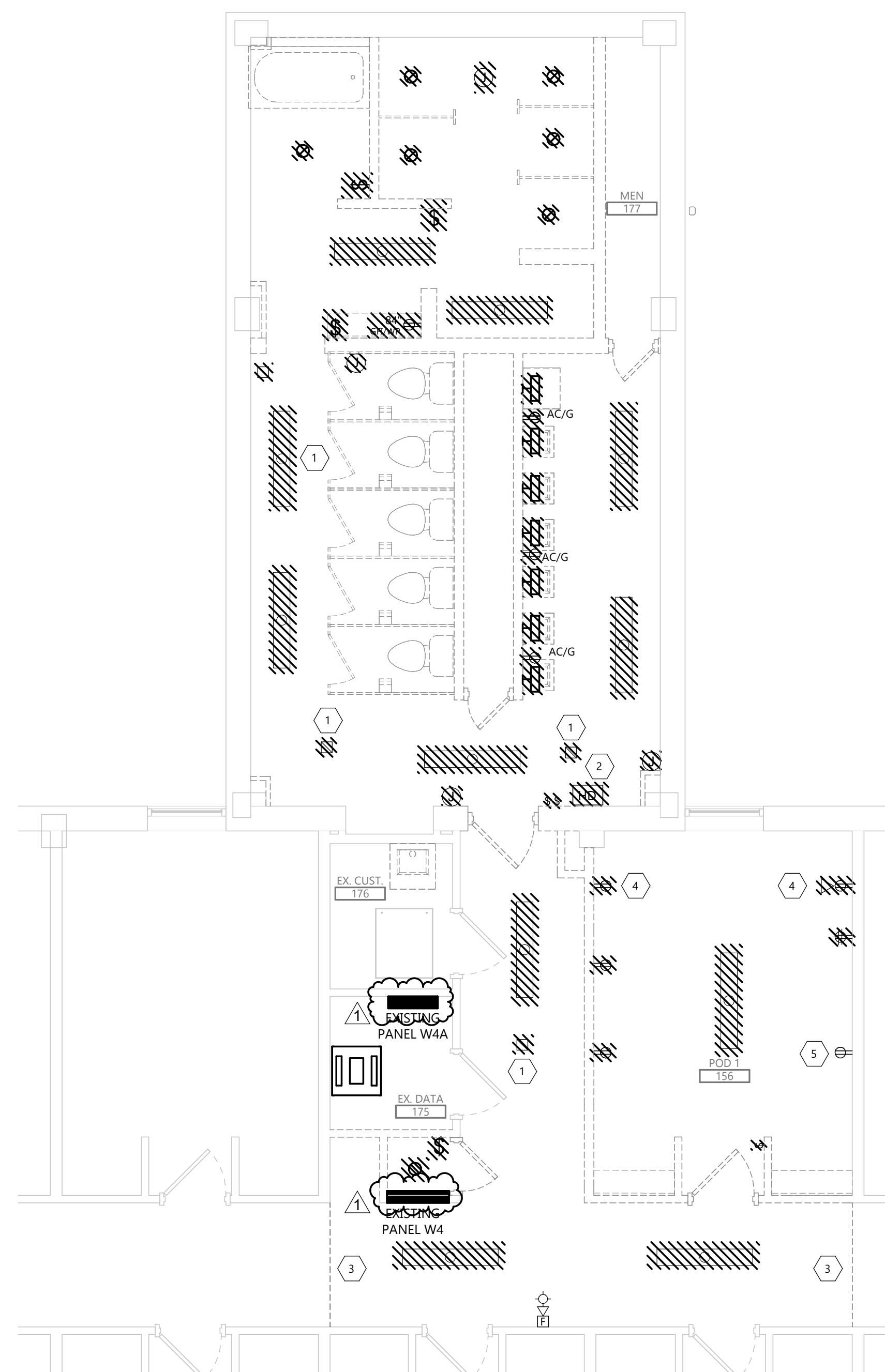
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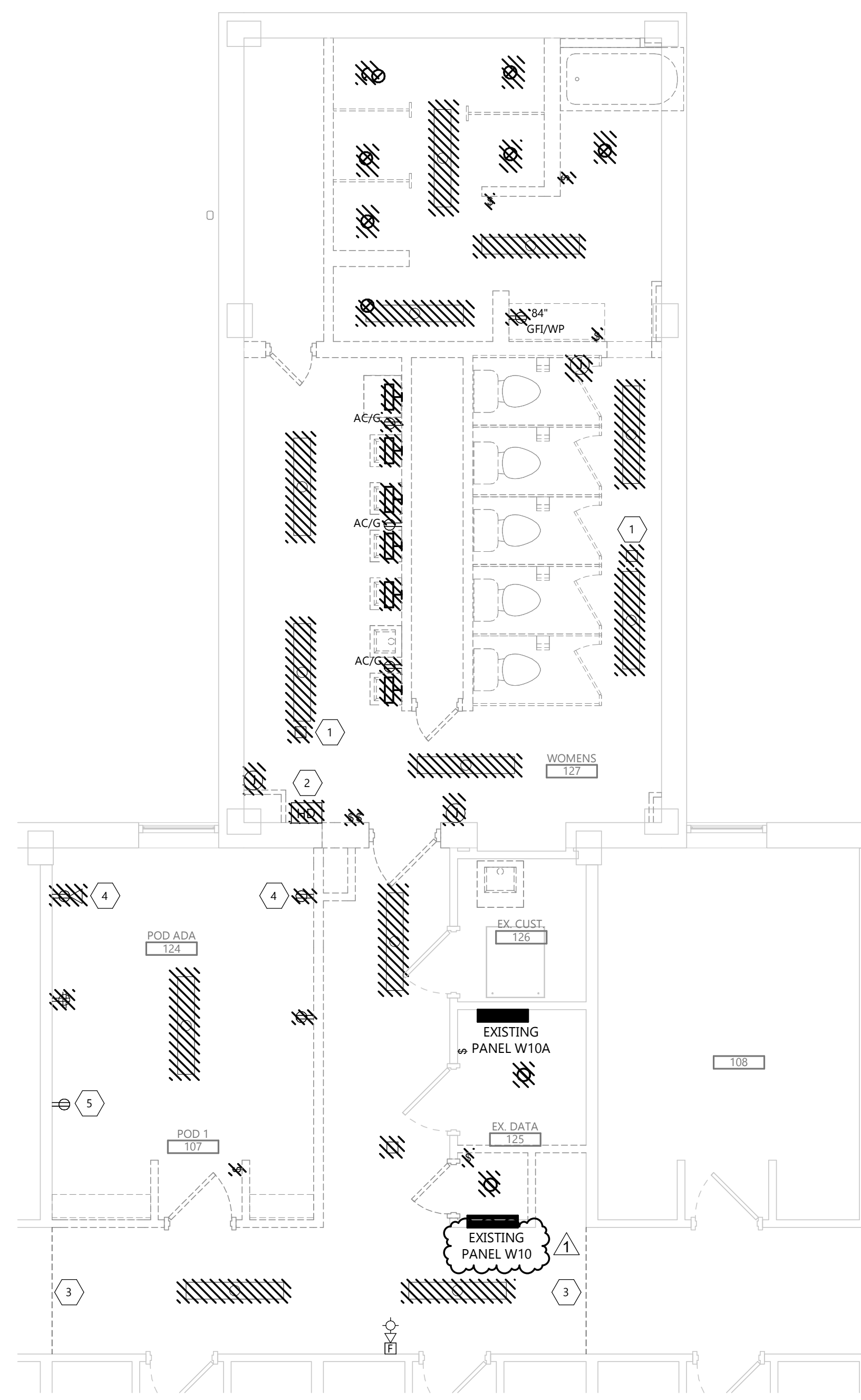


DRAWING TITLE
FIRST FLOOR DEMOLITION PLAN

E101




2 FIRST FLOOR DEMOLITION PLAN- MENS FLOOR
E101 1/4" = 1'-0"



1 FIRST FLOOR DEMOLITION PLAN- WOMENS FLOOR
E101 1/4" = 1'-0"

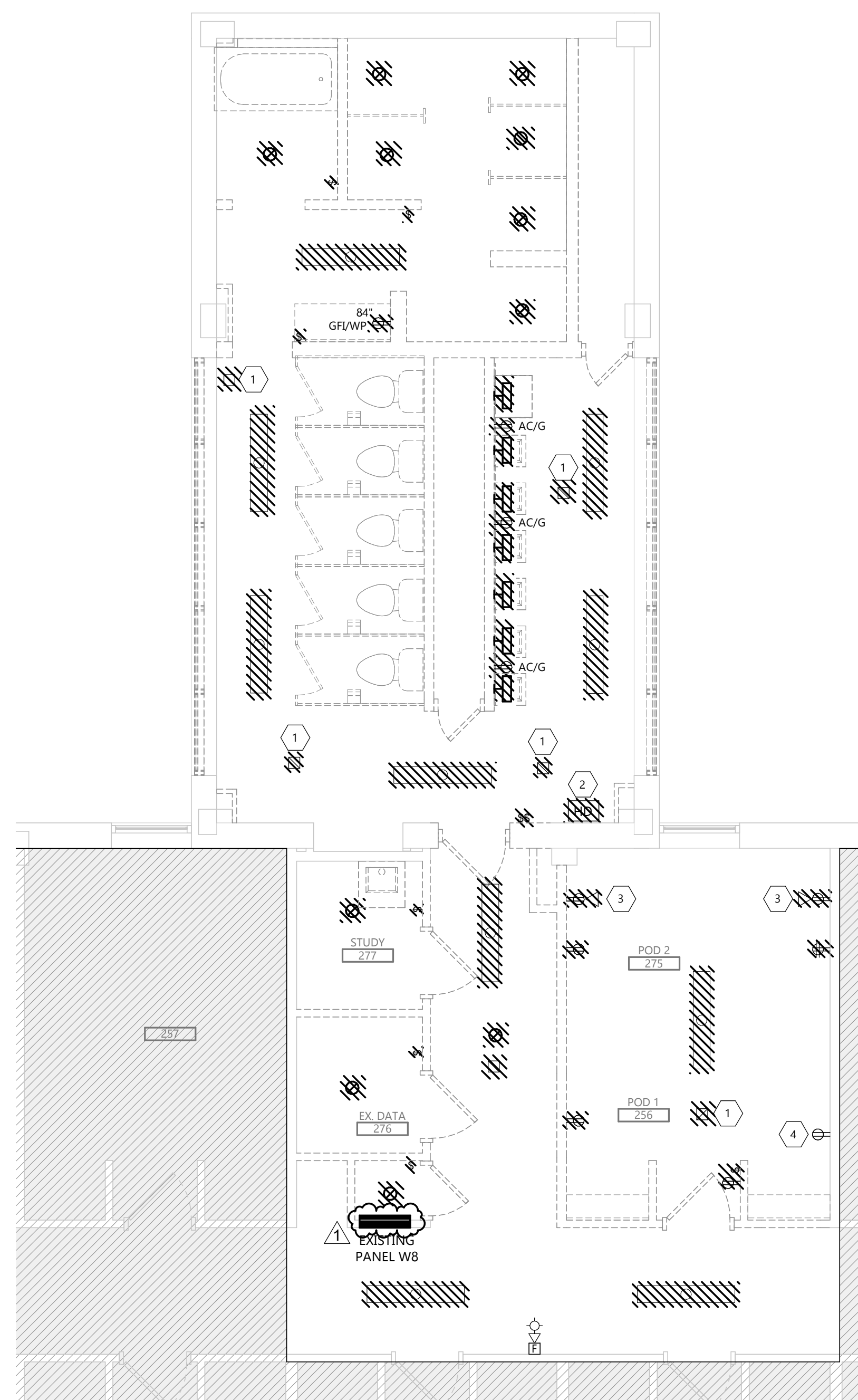
GENERAL DEMO NOTES

- A.  INDICATES ITEM TO BE REMOVED. DEMOLITION SHOWN ON THE DRAWING SHALL BE INTENDED ONLY AS A GUIDE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT & FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO BIDDING THEREIN TO DETERMINE THE AMOUNT OF WORK OF DEMOLITION REQUIRED. NO EXTRA COMPENSATION TO BE ALLOWED DUE TO MISUNDERSTANDING AS TO THE AMOUNT OF WORK INVOLVED DUE TO OF THEIR LACK OF KNOWLEDGE OF ANY EXISTING CONDITIONS.
- B. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- C. EXISTING SECURITY SYSTEM SHALL REMAIN IN PLACE. MAINTAIN ALL EXISTING DEVICES AND CIRCUITRY.
- D. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.

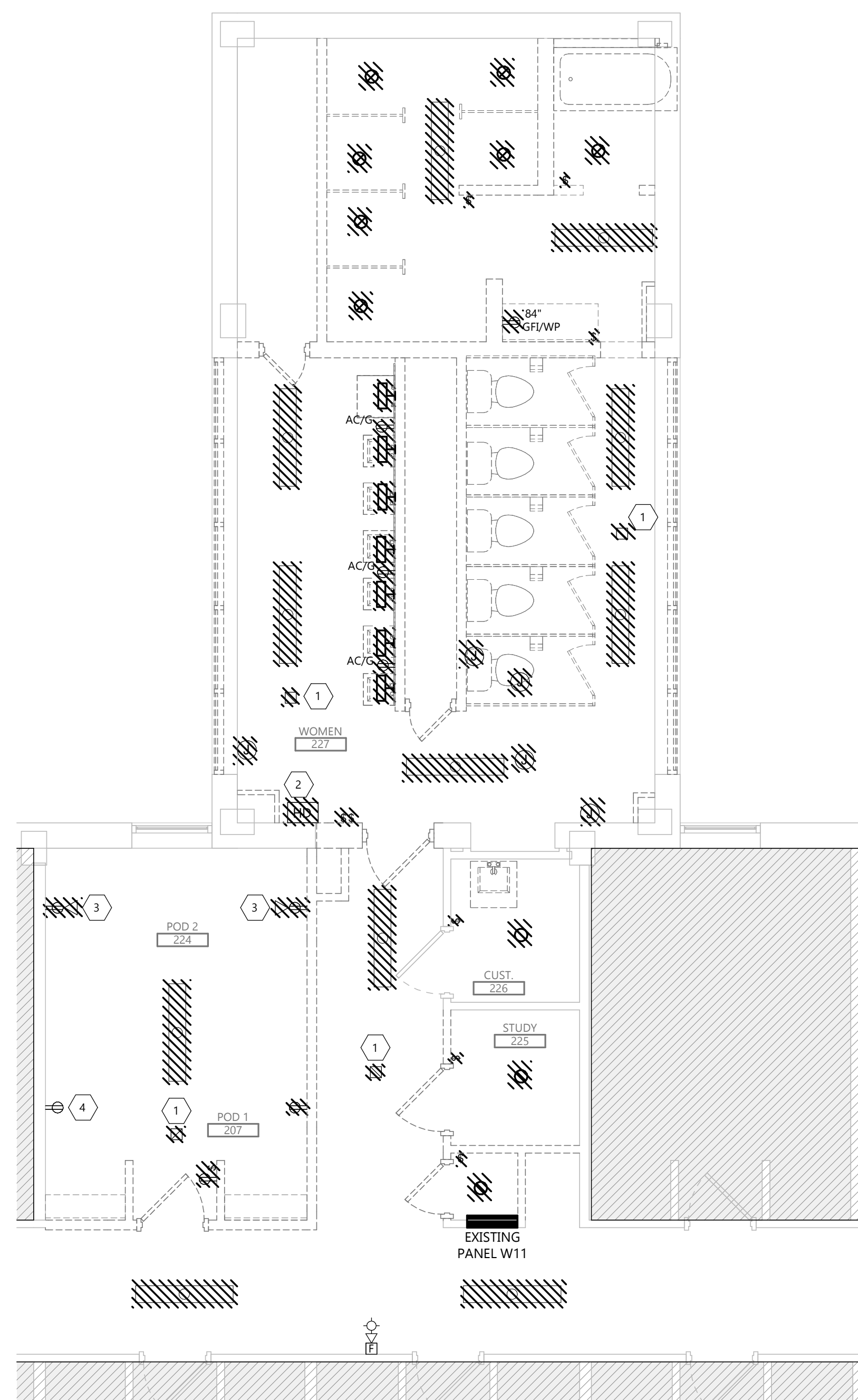
KEYNOTE LEGEND:

 <<< INDICATES KEYNOTE ON PLAN

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- 2. DISCONNECT HAND DRYER AND TURN OVER TO OWNER. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- 3. SURFACE RACEWAY SHALL BE DISCONNECTED, CLEANED, AND TURNED OVER TO OWNER. DISPOSE OF SURFACE RACEWAY IF REFUSED BY OWNER.
- 4. CIRCUIT FOR RECEPTACLE SHALL BE CONNECTED TO NEW CIRCUIT IN ROOM.



2 SECOND FLOOR DEMOLITION PLAN-MENS
E102 1/4" = 1'-0"



1 SECOND FLOOR DEMOLITION PLAN- WOMENS
E102 1/4" = 1'-0"

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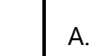
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DRAWING TITLE
SECOND FLOOR DEMOLITION PLAN

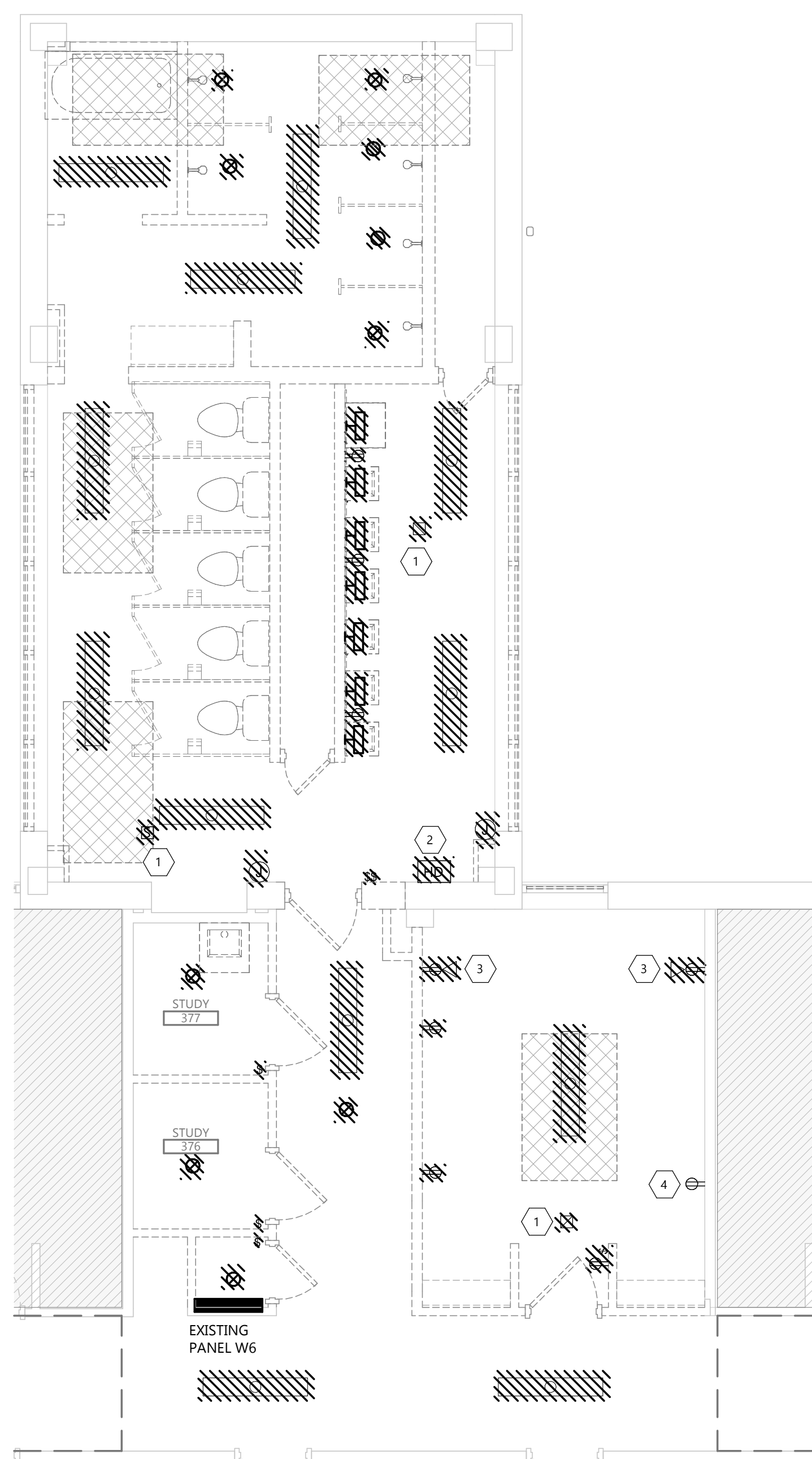
E102

GENERAL DEMO NOTES

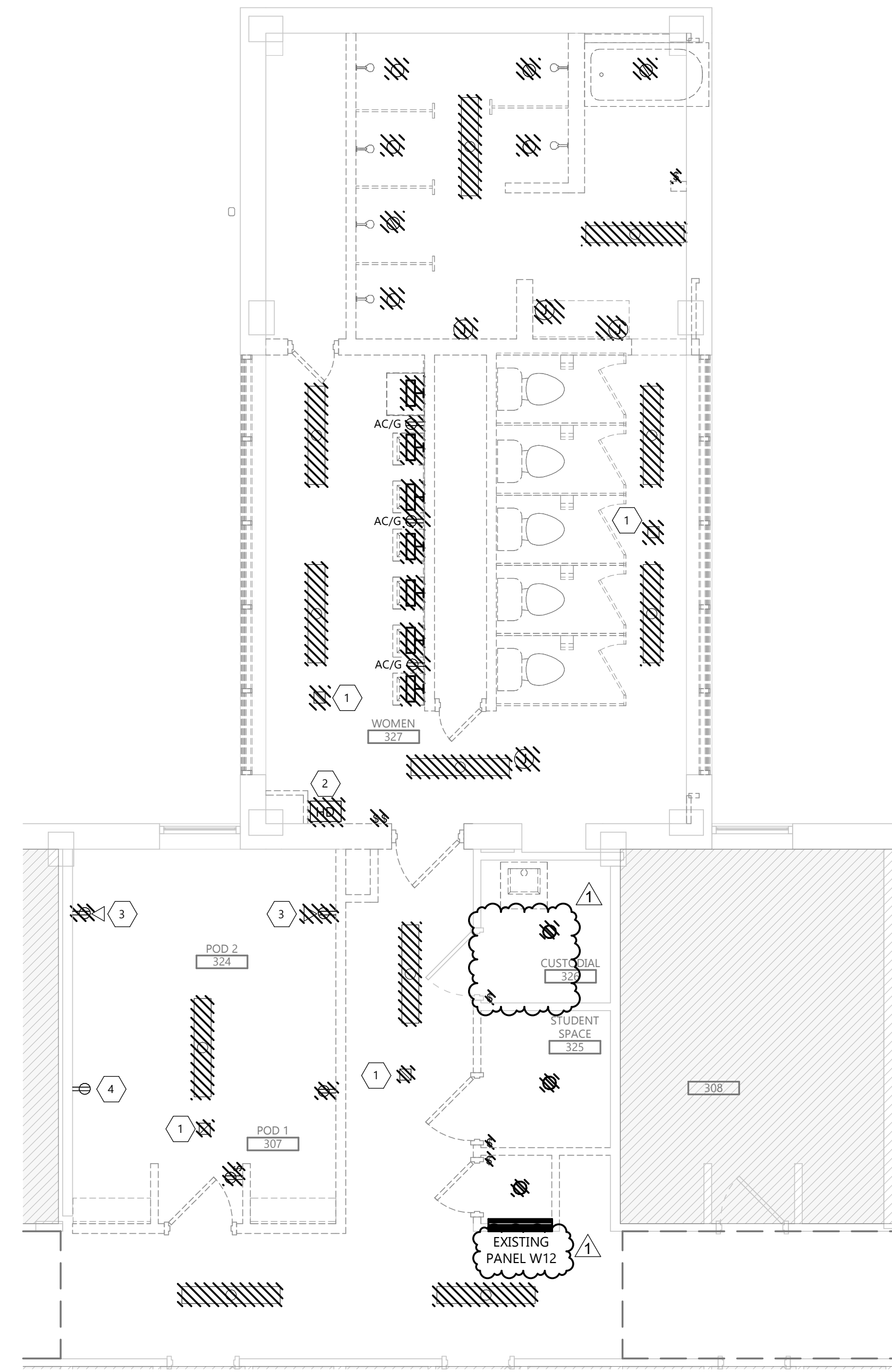
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- B. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- C. EXISTING SECURITY SYSTEM SHALL REMAIN IN PLACE. MAINTAIN ALL EXISTING DEVICES AND CIRCUITRY.
- D. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.

KEYNOTE LEGEND:

-  <<< INDICATES KEYNOTE ON PLAN
- 1. FIRE ALARM DEVICE SHALL BE REMOVED, CLEANED AND STORED FOR INSTALLATION IN NEW CEILING MAINTAIN AND PULL CABLING BACK TO ACCESSIBLE CEILING SPACE FOR INSTALLATION IN NEW CEILING.
- 2. DISCONNECT HAND DRYER AND TURN OVER TO OWNER. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- 3. SURFACE RACEWAY SHALL BE DISCONNECTED, CLEANED, AND TURNED OVER TO OWNER. DISPOSE OF SURFACE RACEWAY IF REFUSED BY OWNER.
- 4. CIRCUIT FOR RECEPTACLE SHALL BE CONNECTED TO NEW CIRCUIT IN ROOM.



2 THIRD FLOOR DEMOLITION PLAN - MENS
E103 1/4" = 1'-0" 



1 THIRD FLOOR DEMOLITION PLAN - WOMENS
E103 1/4" = 1'-0" 

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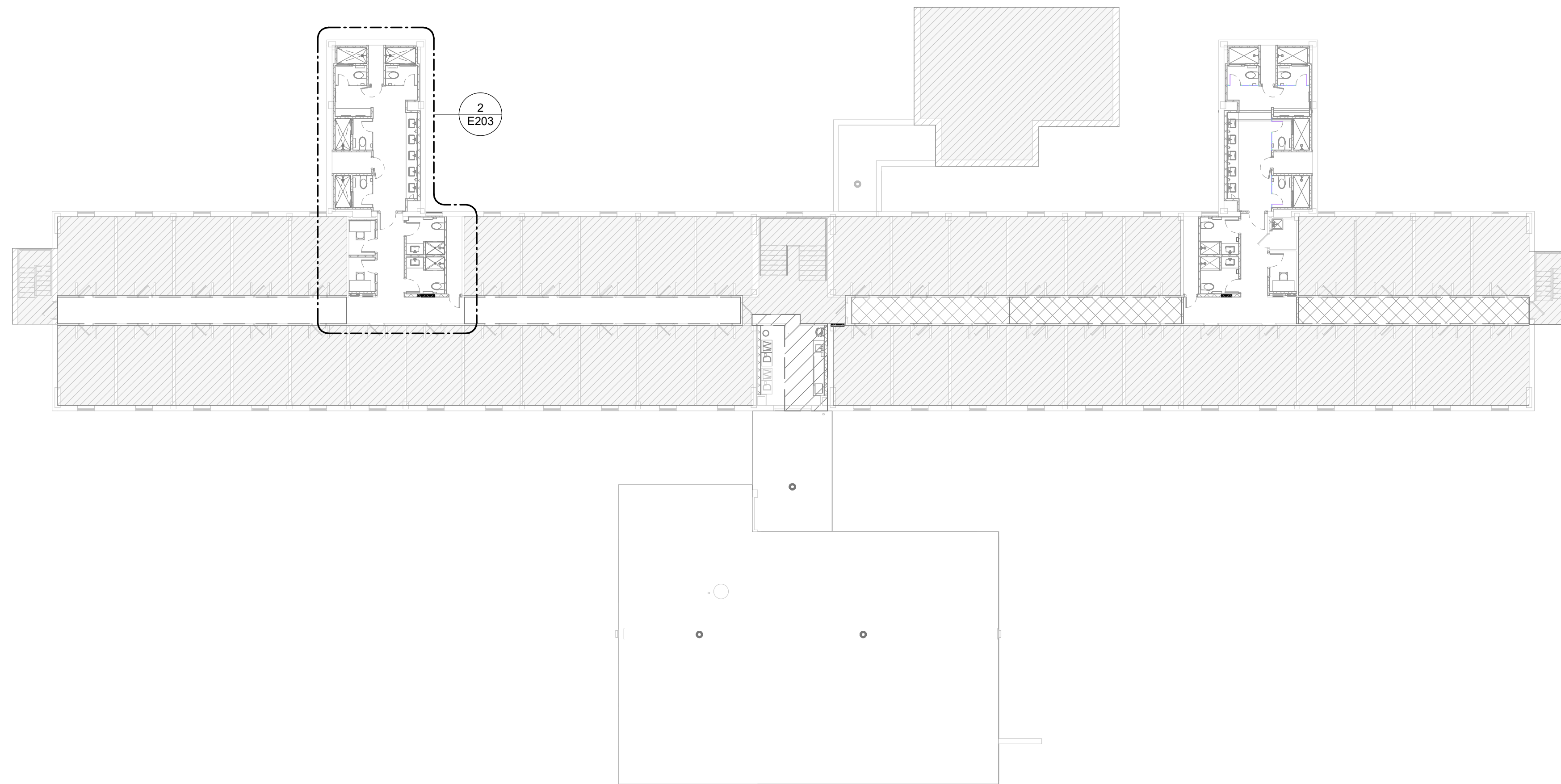
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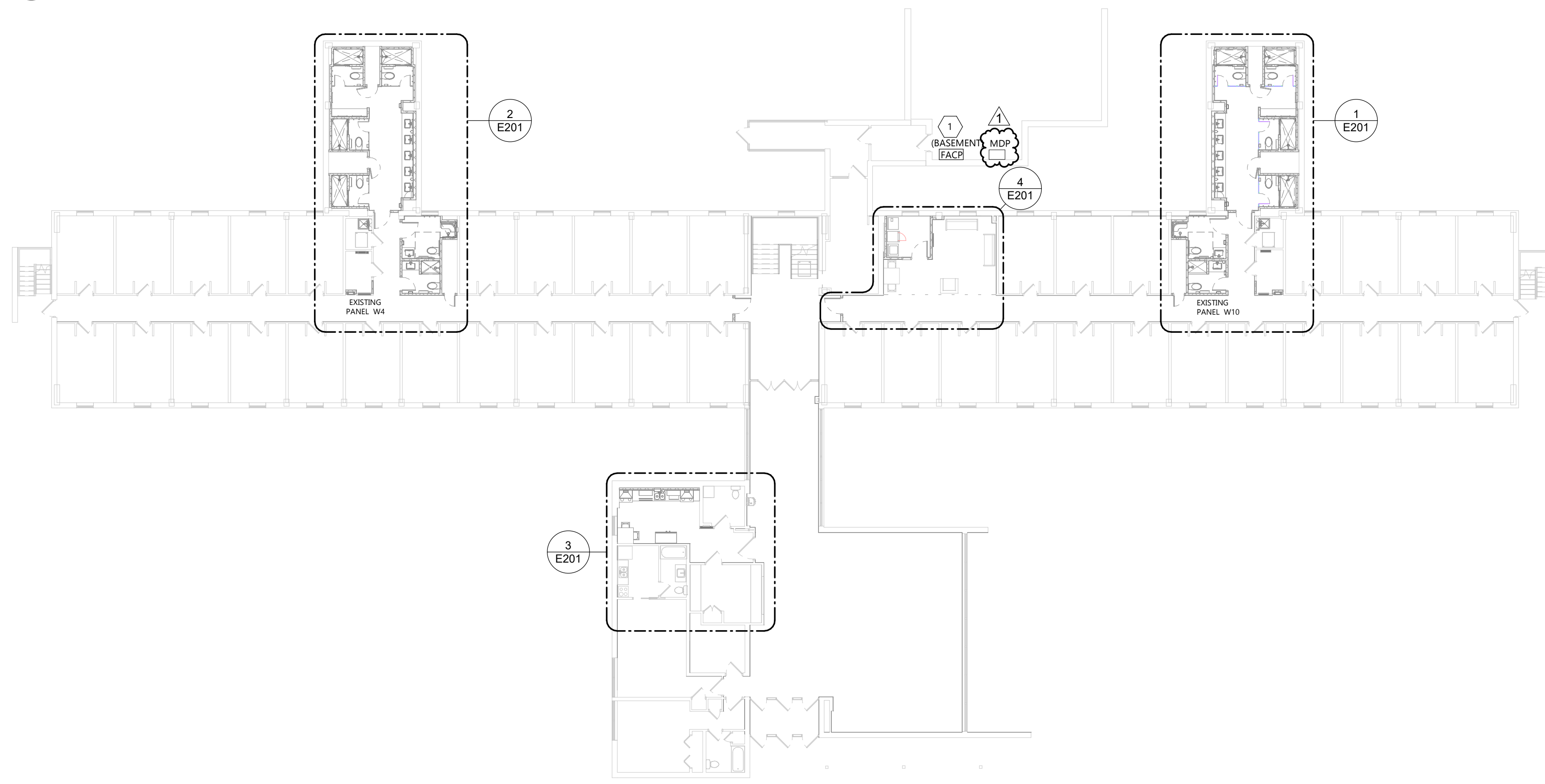


DRAWING TITLE
THIRD FLOOR DEMOLITION PLAN

E103



1 OVERALL PLAN - SECOND / THIRD FLOORS
E200 1/16" = 1'-0"



2 FIRST FLOOR OVERALL PLAN
E200 1/16" = 1'-0"

KEYNOTE LEGEND:
 <<< INDICATES KEYNOTE ON PLAN
 1. SIEMENS MXL FIRE ALARM CONTROL PANEL LOCATED IN BASEMENT.

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 Architecture Engineering
 Interior Design Industrial
 TELE 605.444.1600 FAX 605.444.1601
 101 N. Phillips Ave., Ste. 300, Sioux Falls, SD 57104
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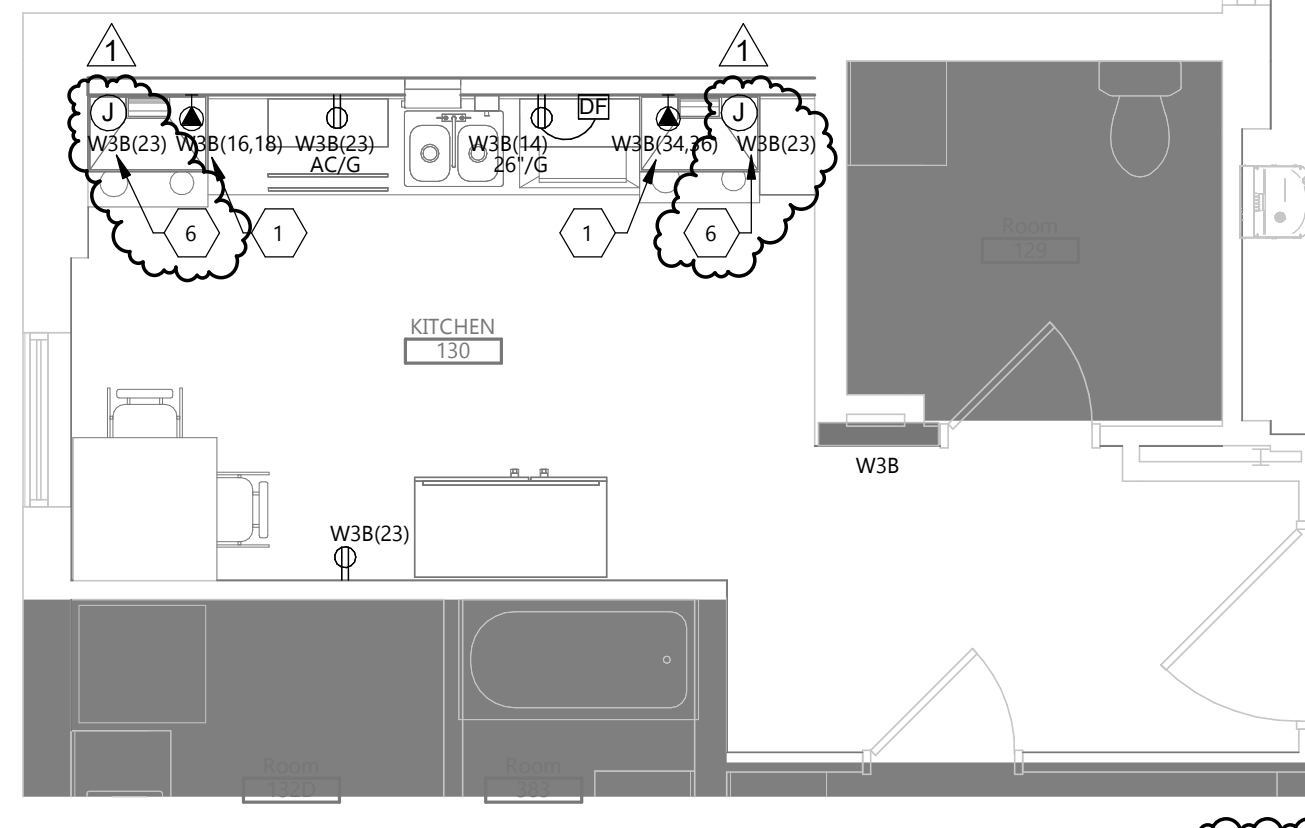
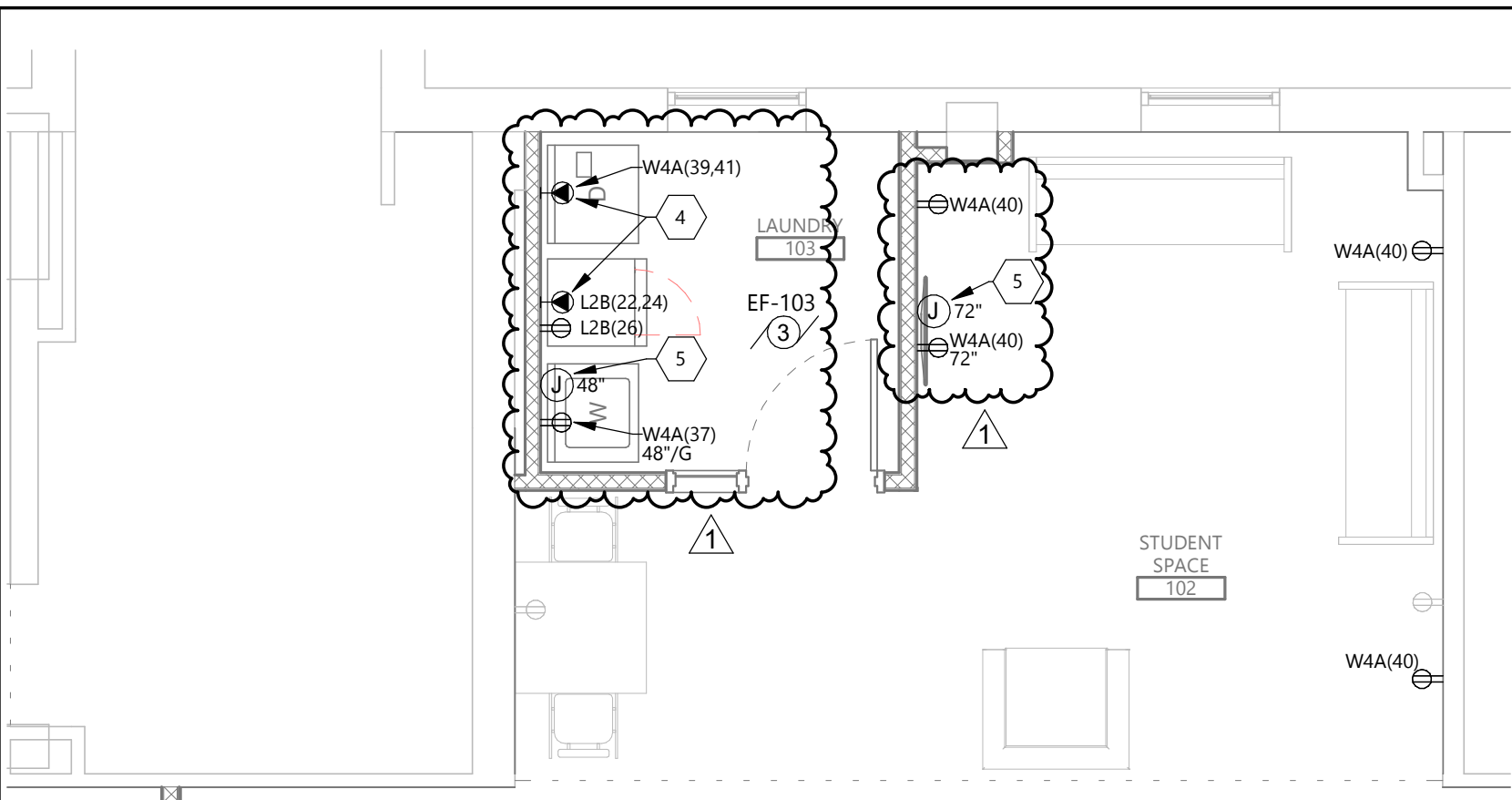
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03/21/2025

DRAWING TITLE
 OVERALL PLANS

E200



KEYNOTE LEGEND:

<<< INDICATES KEYNOTE ON PLAN

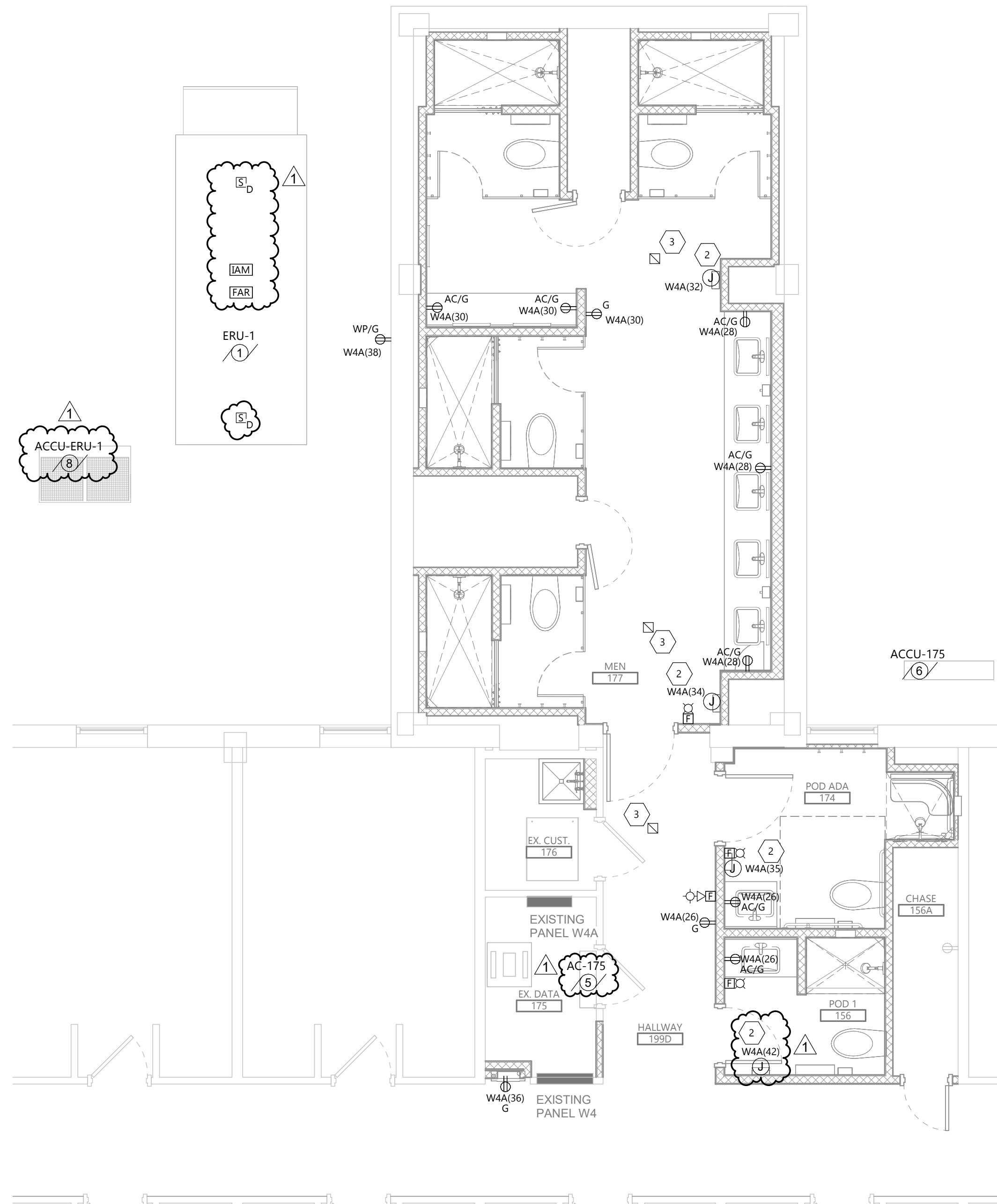
1. PROVIDE A NEMA 14-50 RECEPTACLE. CONNECT WITH 3#6 + 10G IN 1-1/4" CONDUIT.
2. CONNECT HAND DRYER WITH 2#12 + #12G IN 3/4" CONDUIT.
3. INSTALL EXISTING HEAT DETECTOR WITH EXISTING CABLING. EXTEND CIRCUITRY AS REQUIRED.
4. PROVIDE A NEMA 14-30 RECEPTACLE. CONNECT WITH 3#10 + #10G IN 3/4" C.
5. PROVIDE A 1" CONDUIT STUBBED UP TO ACCESSIBLE CEILING WITH PULL STRING FOR FUTURE INSTALLATION OF DATA CABLING.
6. PROVIDE A 120V CONNECTION FOR THE OVERHEAD OVEN FAN. CONNECT WITH 2#12 + #12 G IN 3/4" C.

GENERAL NOTES

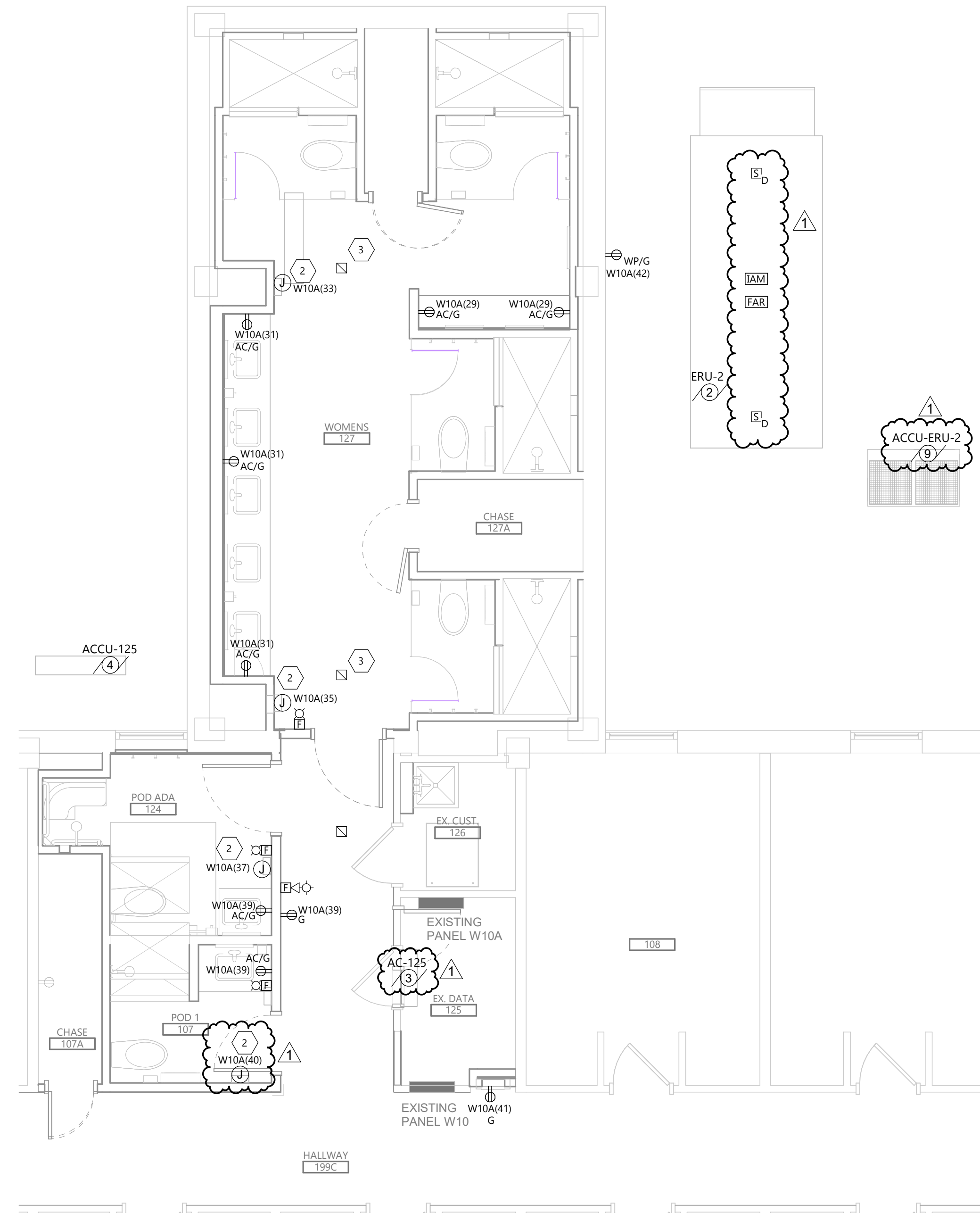
- A. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- B. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- C. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- D. PROVIDE 4" HILTI PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- E. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- F. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- G. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUITS OF 100'-0" OR GREATER IN LENGTH.
- H. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.
- I. ALL 120V, 20A RECEPTACLES IN PUBLIC SPACES SHALL BE TAMPER RESISTANT.

3 FIRST FLOOR POWER PLAN - KITCHEN (ALT #1)
E201 1/4" = 1'-0"

4 FIRST FLOOR POWER PLAN- LAUNDRY/STUDENT (ALT #2)
E201 1/4" = 1'-0"



2 FIRST FLOOR POWER & SYSTEMS PLAN- MENS
E201 1/4" = 1'-0"



1 FIRST FLOOR POWER & SYSTEMS PLAN - WOMENS
E201 1/4" = 1'-0"



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SOUTH DAKOTA STATE UNIVERSITY

PROJECT DESCRIPTION
SWN 0509, WANETA HALL RENOVATE RESTROOM (OSE# R0325--15X)

CITY BROOKINGS
STATE SD

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 1	03/21/2025
CD	100% CONSTRUCTION DOCUMENTS	03/13/2025

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DRAWING TITLE
FIRST FLOOR POWER & SYSTEMS PLAN

E201

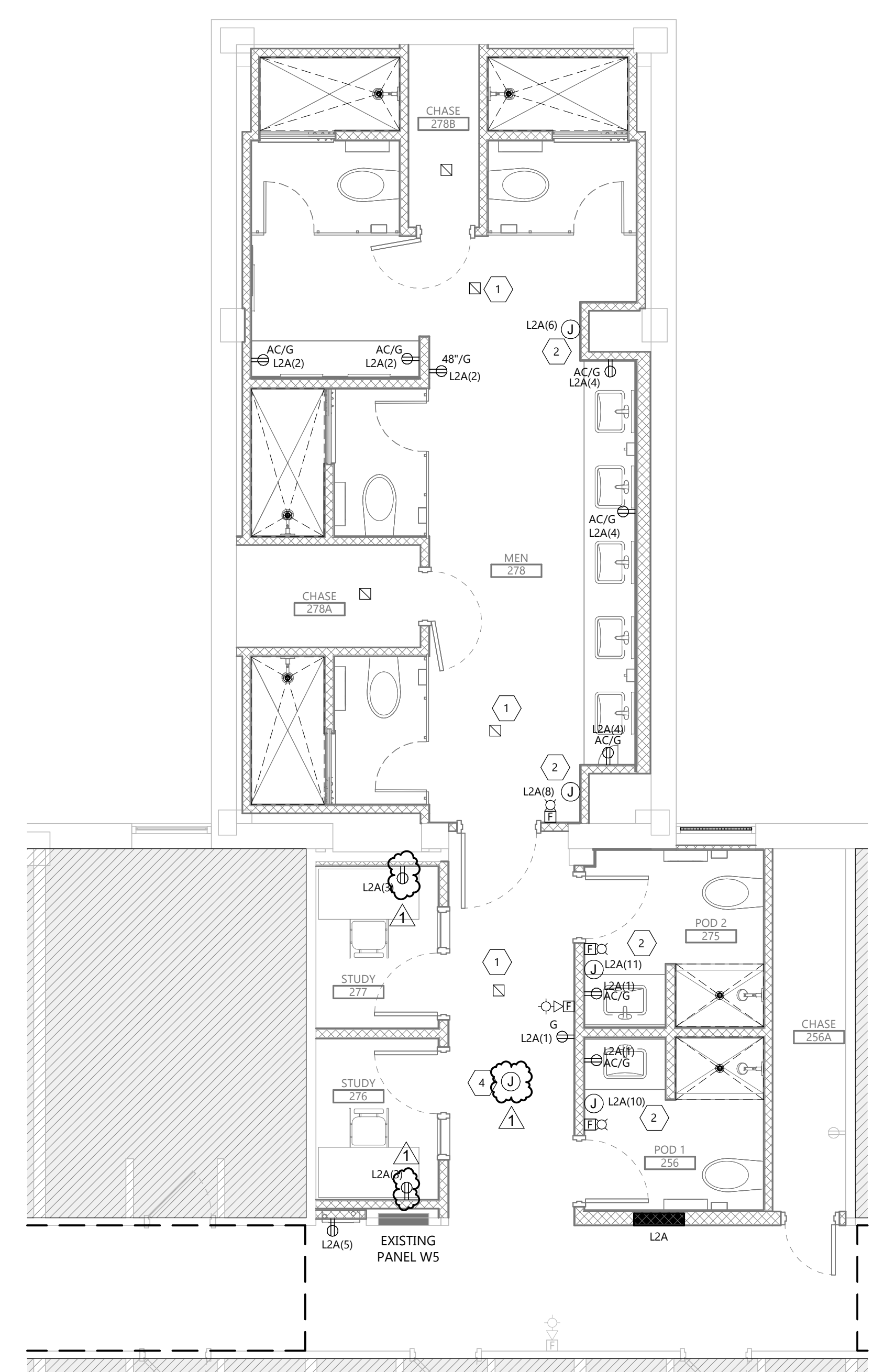
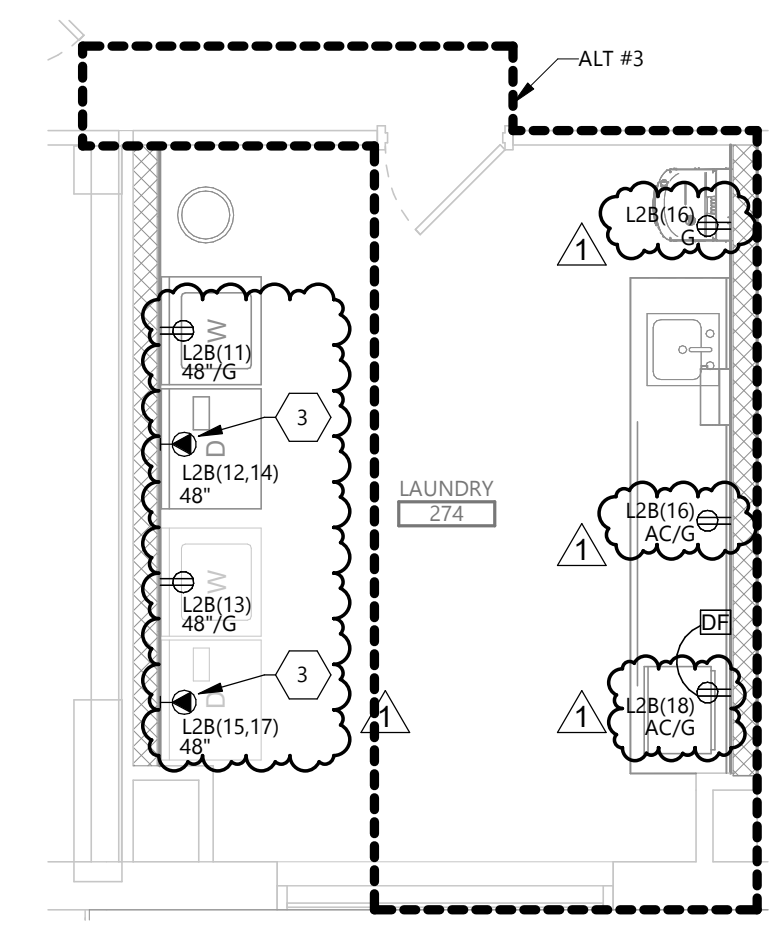
GENERAL NOTES

- A. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- B. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- C. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- D. PROVIDE 4" HILTI PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- E. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- F. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- G. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUITS OF 100'-0" OR GREATER IN LENGTH.
- H. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.
- I. ALL 120V, 20A RECEPTACLES IN PUBLIC SPACES SHALL BE TAMPER RESISTANT.

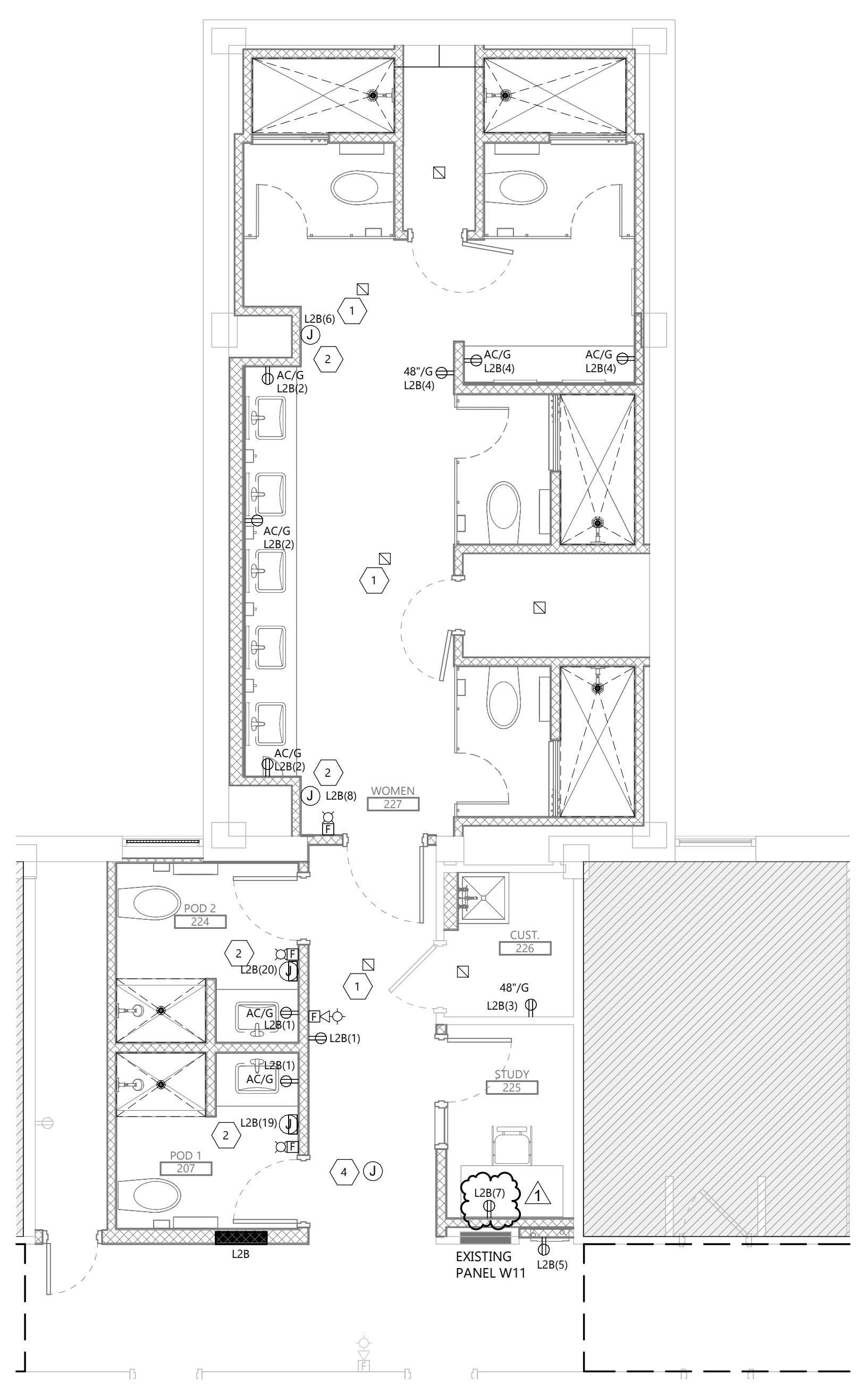
KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. INSTALL EXISTING HEAT DETECTOR WITH EXISTING CABLING. EXTEND CIRCUITRY AS REQUIRED.
- 2. CONNECT HAND DRYER WITH 2 #12 + #12G IN 3/4" C.
- 3. PROVIDE A NEMA 14-30 RECEPTACLE. CONNECT WITH 3#10 + #10G IN 3/4" C.
- 4. PROVIDE A JUNCTION BOX IN CEILING FOR INSTALLATION OF FUTURE WIRELESS ACCESS POINT BY OWNER. STUB 3/4" CONDUIT FROM JUNCTION BOX TO ACCESSIBLE CEILING.

3 SECOND FLOOR LAUNDRY PLAN (ALT #3)
1/4" = 1'-0"



2 SECOND FLOOR POWER & SYSTEMS PLAN- MENS
1/4" = 1'-0"



1 SECOND FLOOR POWER & SYSTEMS PLAN - WOMENS
1/4" = 1'-0"

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PROJECT DESCRIPTION
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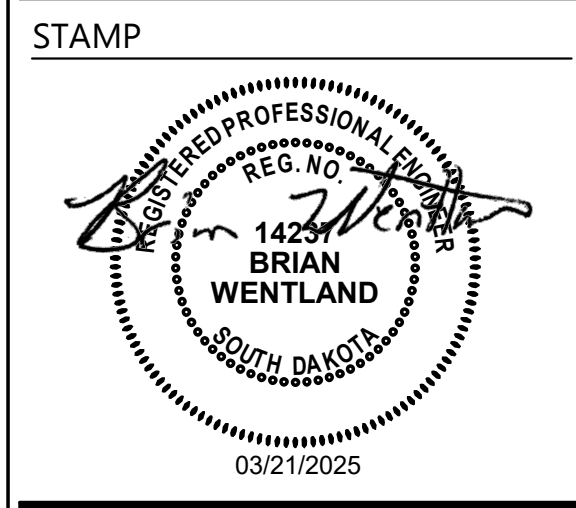
CITY **BROOKINGS**
STATE **SD**

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1	ADDENDUM 1	03/21/2025
CD	100% CONSTRUCTION DOCUMENTS	03/13/2025

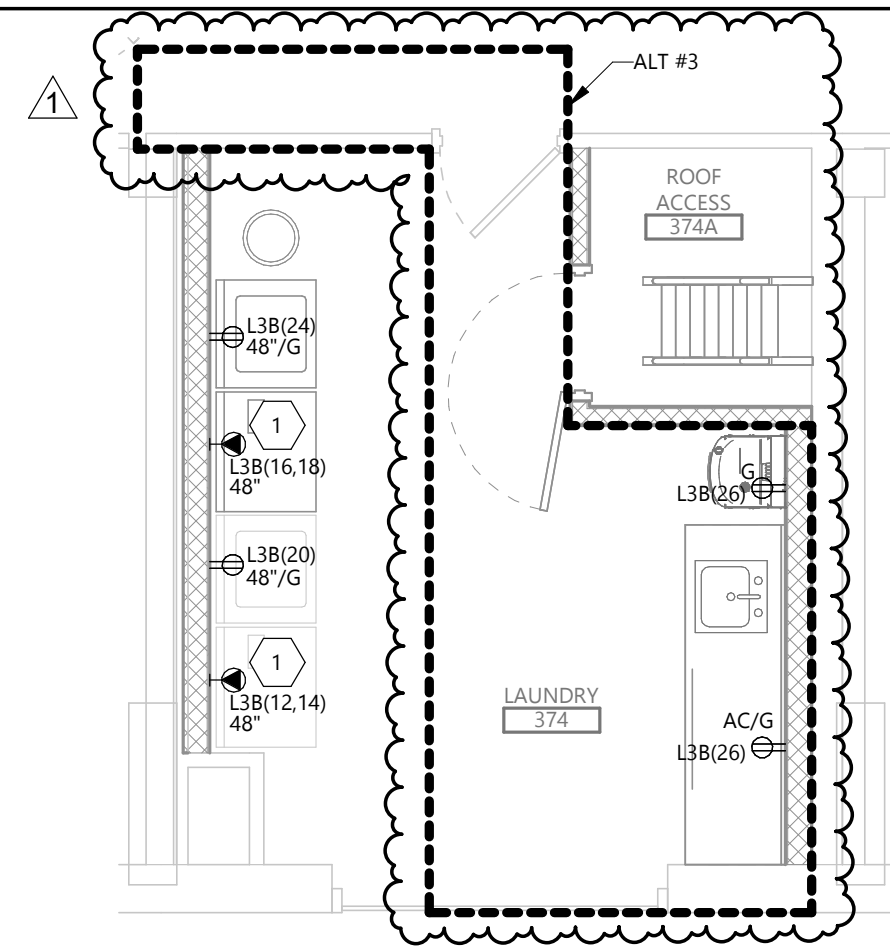
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DRAWING TITLE
SECOND FLOOR POWER & SYSTEMS PLAN

E202

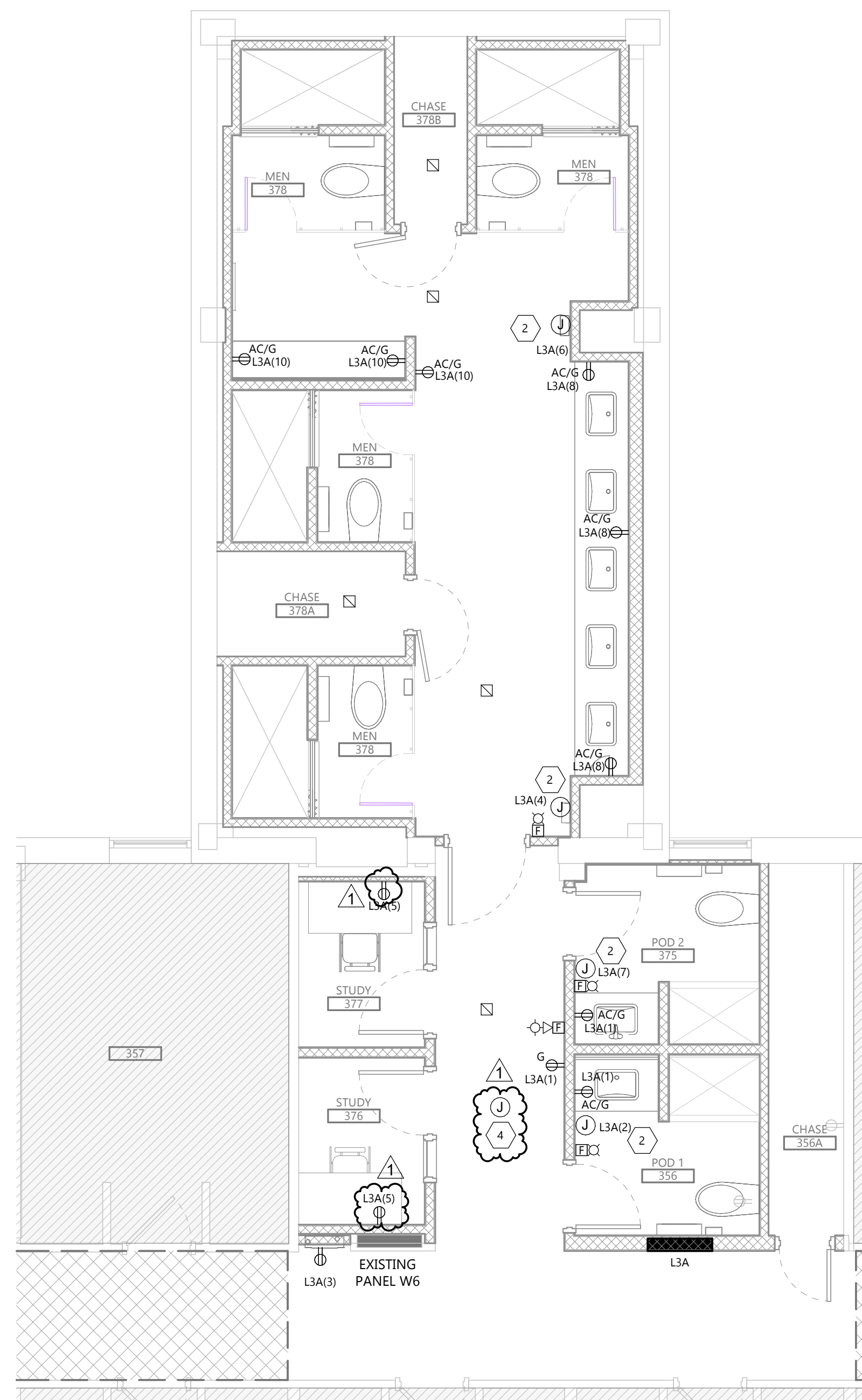


3 THIRD FLOOR LAUNDRY POWER PLAN (ALT #3)

E203 1/4" = 1'-0"

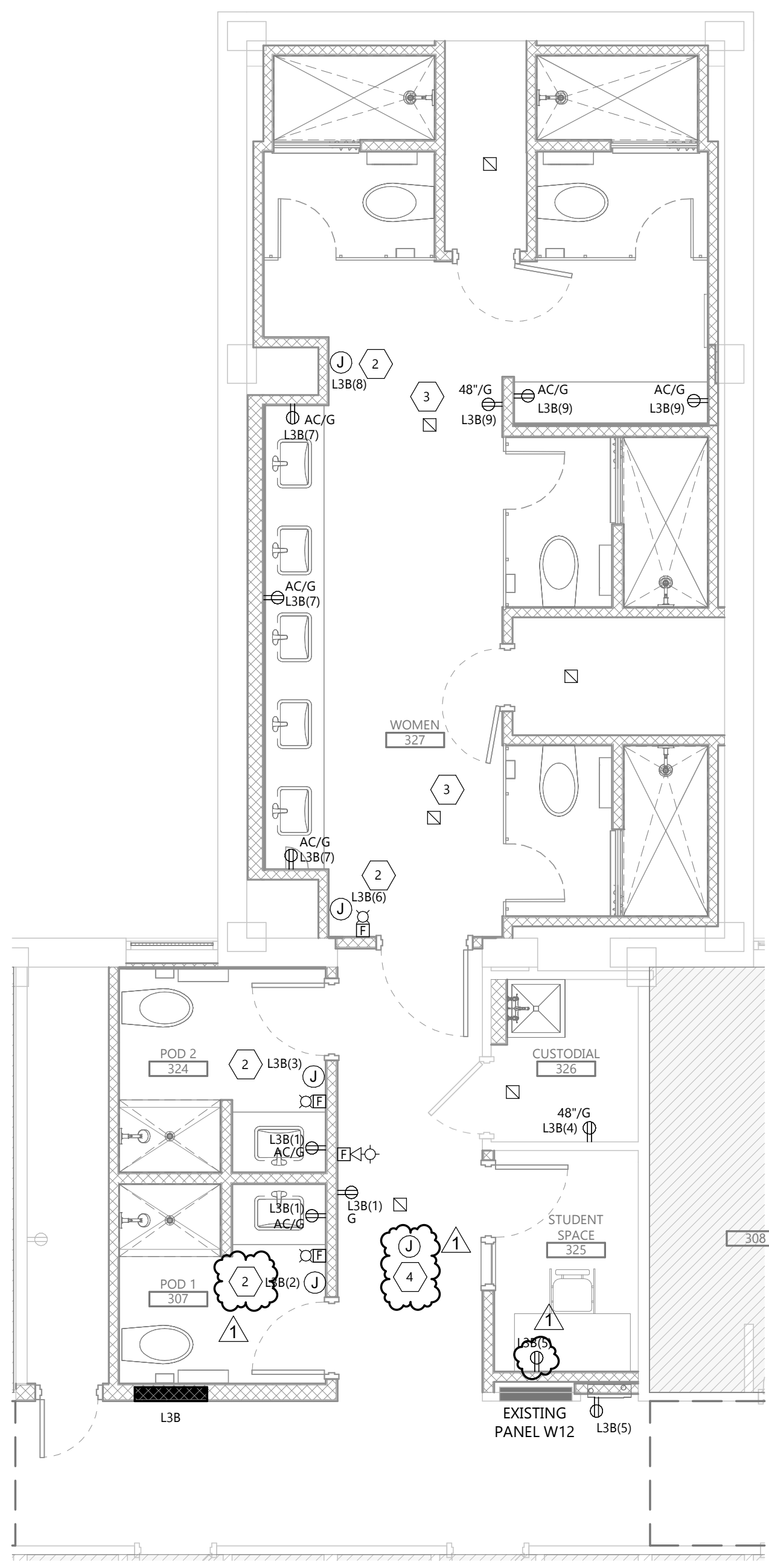
- GENERAL NOTES**
- A. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
 - B. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
 - C. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
 - D. PROVIDE 4" HILTI PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
 - E. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
 - F. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
 - G. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUITS OF 100'-0" OR GREATER IN LENGTH.
 - H. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.
 - I. ALL 120V, 20A RECEPTACLES IN PUBLIC SPACES SHALL BE TAMPER RESISTANT.

- KEYNOTE LEGEND:**
- <<< INDICATES KEYNOTE ON PLAN
1. PROVIDE A NEMA 14-30 RECEPTACLE. CONNECT WITH 3#10'S AND +10G IN 1" CONDUIT.
 2. PROVIDE 120V CONNECTION FOR ELECTRIC HAND DRYER. CONNECT WITH 2#12 + 12G IN 3/4" CONDUIT.
 3. INSTALL EXISTING HEAT DETECTOR WITH EXISTING CABLING. EXTEND CIRCUITRY AS REQUIRED.
 4. PROVIDE A JUNCTION BOX IN CEILING FOR INSTALLATION OF FUTURE WIRELESS ACCESS POINT BY OWNER. STUB 3/4" CONDUIT FROM JUNCTION BOX TO ACCESSIBLE CEILING.



2 THIRD FLOOR POWER & SYSTEMS PLAN - MENS

E203 1/4" = 1'-0"



1 THIRD FLOOR POWER & SYSTEMS PLAN - WOMENS

E203 1/4" = 1'-0"

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DRAWING TITLE
THIRD FLOOR POWER & SYSTEMS PLAN

E203

GENERAL NOTES

- A. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- B. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- C. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- D. PROVIDE 4" HILTI PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- E. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- F. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- G. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUITS OF 100'-0" OR GREATER IN LENGTH.
- H. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. POWER PACK OR ROOM CONTROLLER SHALL BE INSTALLED IN ACCESSIBLE CEILING AND LABEL WITH ROOM BEING CONTROLLED.
- 2. COORDINATE LOCATION OF SENSOR WITH CEILING WORK FOR MECHANICAL EQUIPMENT TO AVOID CONFLICT.

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PROJECT DESCRIPTION
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STATE **SD**

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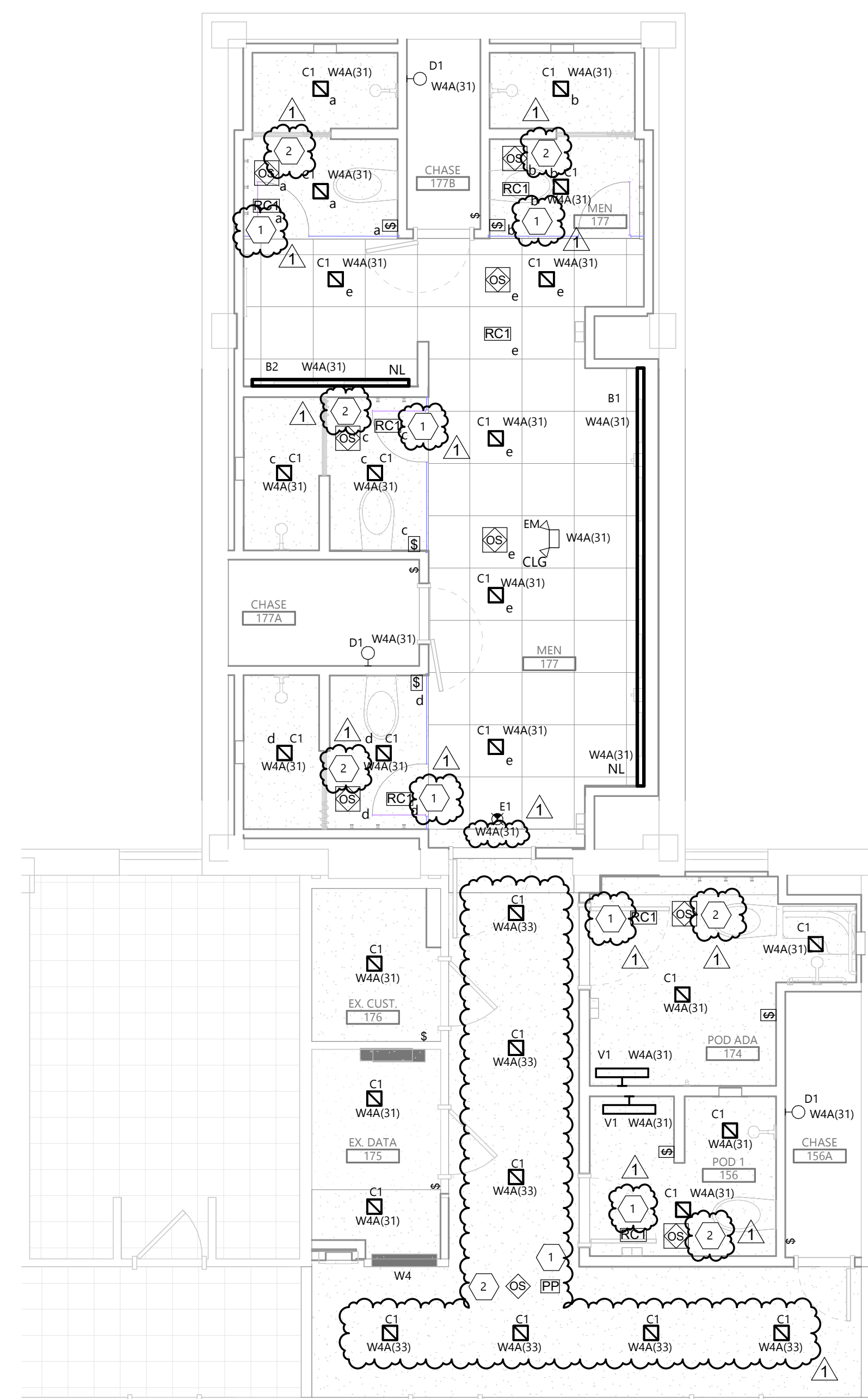
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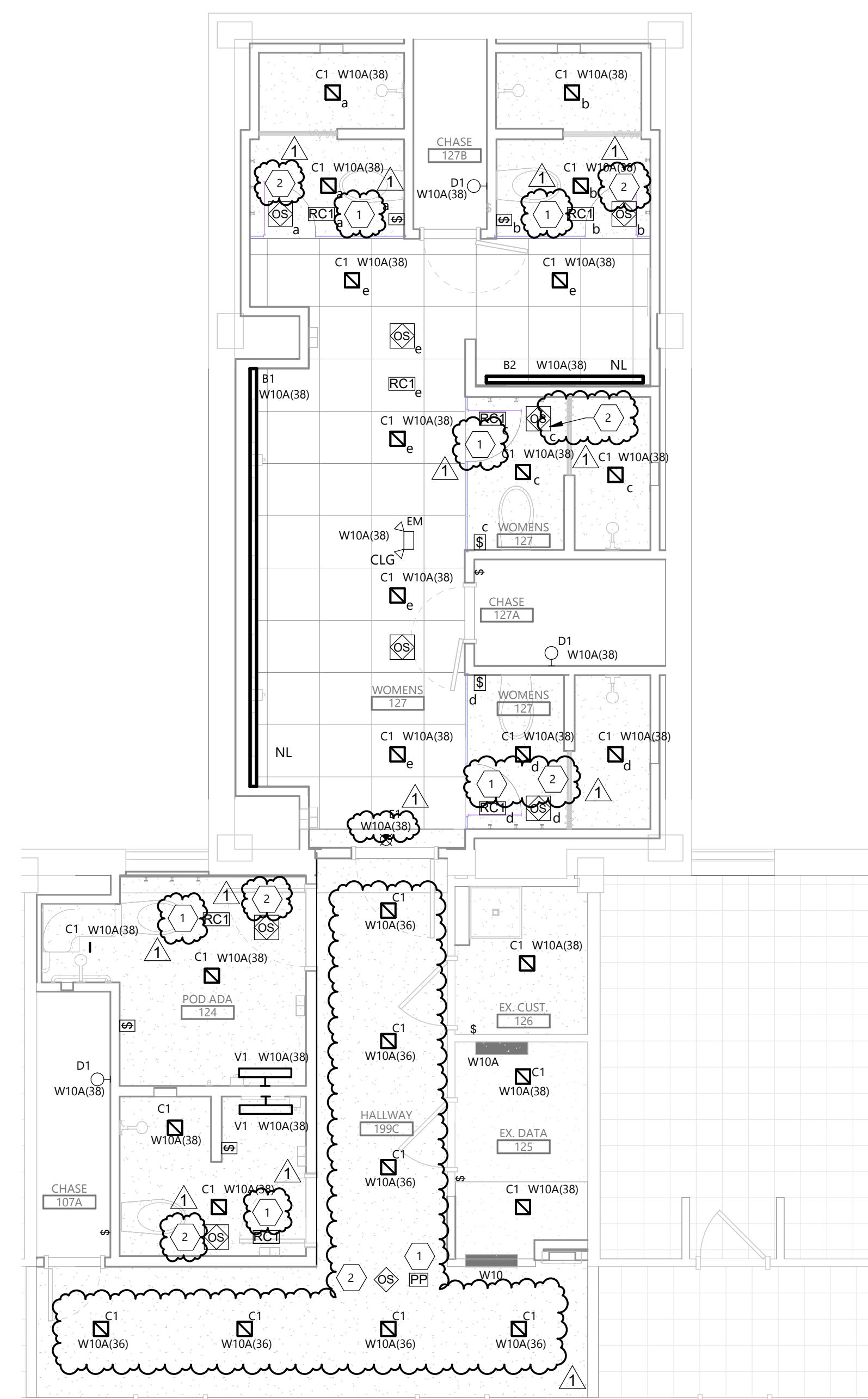


DRAWING TITLE
FIRST FLOOR LIGHTING PLAN

E301



2 FIRST FLOOR LIGHTING PLAN - MENS
1/4" = 1'-0"



1 FIRST FLOOR LIGHTING PLAN - WOMENS
1/4" = 1'-0"

GENERAL NOTES

- A. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- B. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- C. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- D. PROVIDE 4" HILTI PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- E. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- F. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- G. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUITS OF 100'-0" OR GREATER IN LENGTH.
- H. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. POWER PACK OR ROOM CONTROLLER SHALL BE INSTALLED IN ACCESSIBLE CEILING AND LABEL WITH ROOM BEING CONTROLLED.
- 2. COORDINATE LOCATION OF SENSOR WITH CEILING WORK FOR MECHANICAL EQUIPMENT TO AVOID CONFLICT.

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STATE **SD**

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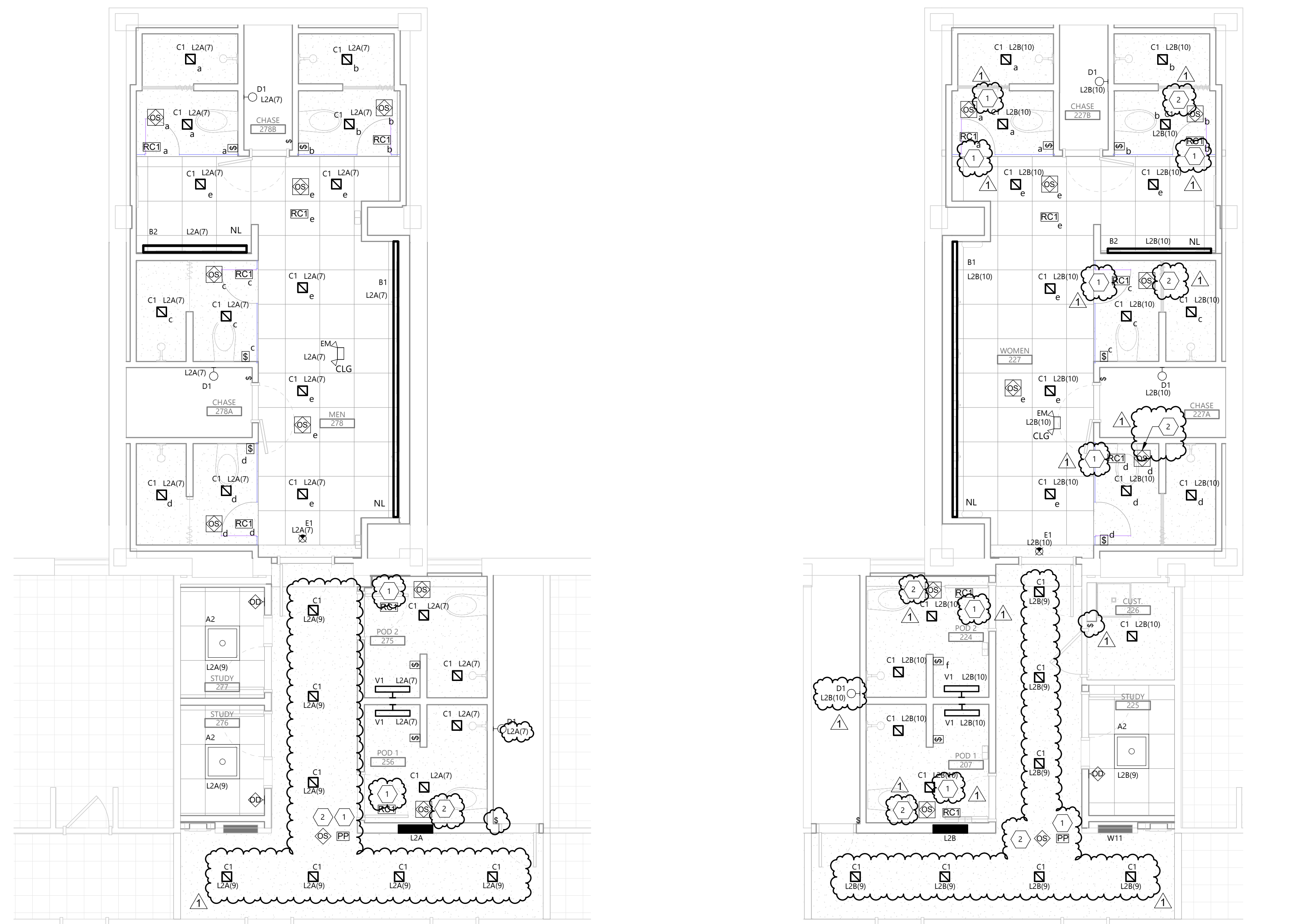
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DRAWING TITLE
SECOND FLOOR LIGHTING PLAN

E302



1 SECOND FLOOR LIGHTING PLAN - MENS
E302 1/4" = 1'-0" N

2 SECOND FLOOR LIGHTING PLAN - WOMENS
E302 1/4" = 1'-0" N

GENERAL NOTES

- A. RECONNECT ANY LIGHTING OR POWER CIRCUIT INADVERTENTLY DISCONNECTED BY DEMOLITION.
- B. LABEL ALL JUNCTION BOXES ABOVE ACCESSIBLE CEILING WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- C. LABEL ALL HOMERUNS WITH INDELIBLE INK TO INDICATE PANEL AND CIRCUIT.
- D. PROVIDE 4" HILTI PASS-THRU FOR CABLE PASSING THROUGH FIRE WALLS AND FLOORS.
- E. LABEL ALL DEVICES, INCLUDING SWITCHES, TO INDICATE PANEL AND CIRCUIT. USE ADHESIVE MYLAR TYPE.
- F. AFTER DEMOLITION, EC SHALL DETERMINE THE NUMBER OF CIRCUITS AVAILABLE AND CONSULT WITH ENGINEER TO REVISE CIRCUITRY AS REQUIRED.
- G. PROVIDE #10 CONDUCTORS THROUGHOUT ALL 120V, 20A BRANCH CIRCUITS OF 100'-0" OR GREATER IN LENGTH.
- H. PROVIDE ALL DEVICES AND ASSOCIATED WIRING AS SHOWN.

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. POWER PACK OR ROOM CONTROLLER SHALL BE INSTALLED IN ACCESSIBLE CEILING AND LABEL WITH ROOM BEING CONTROLLED.
- 2. COORDINATE LOCATION OF SENSOR WITH CEILING WORK FOR MECHANICAL EQUIPMENT TO AVOID CONFLICT.

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STATE **SD**

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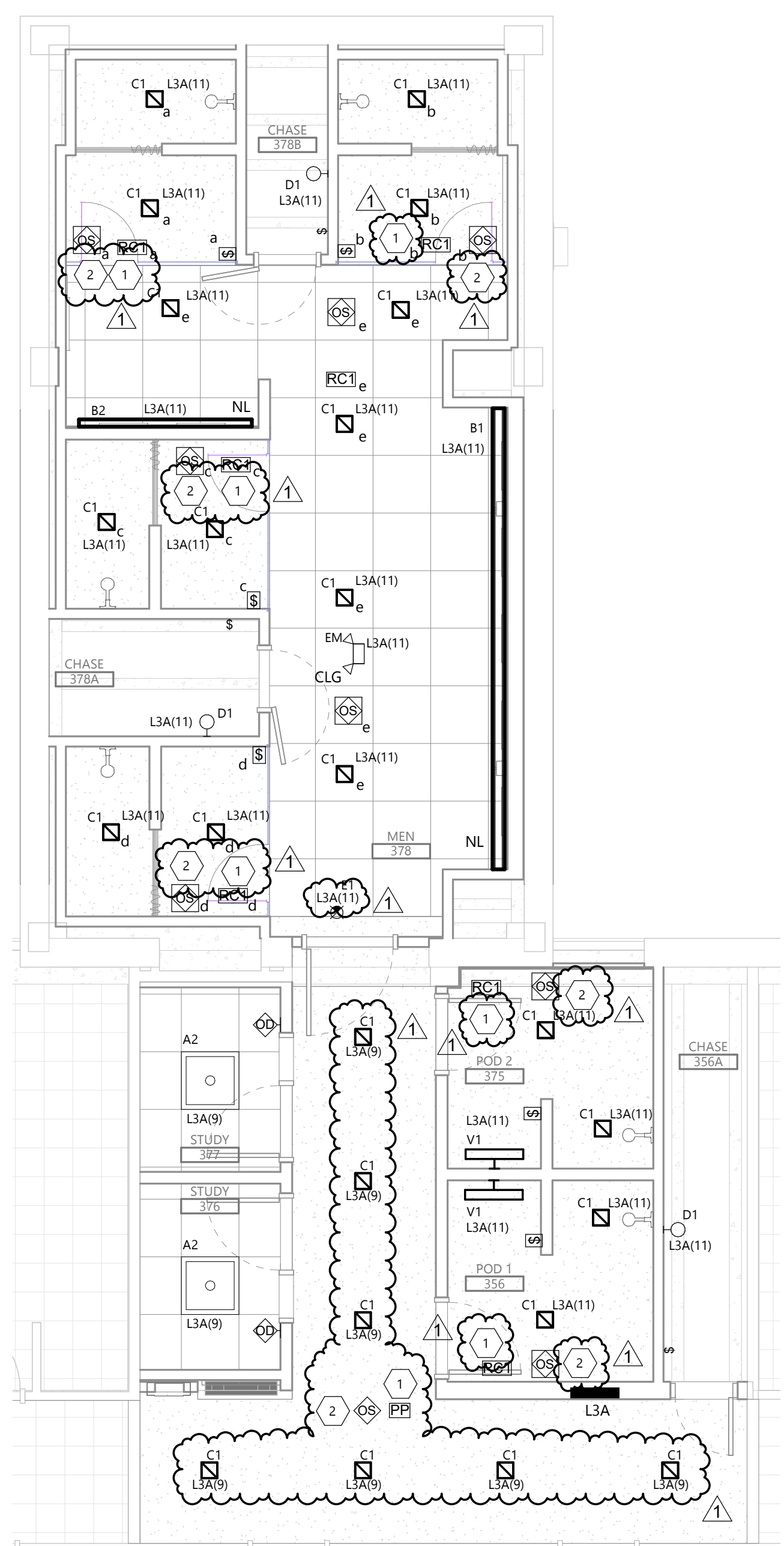
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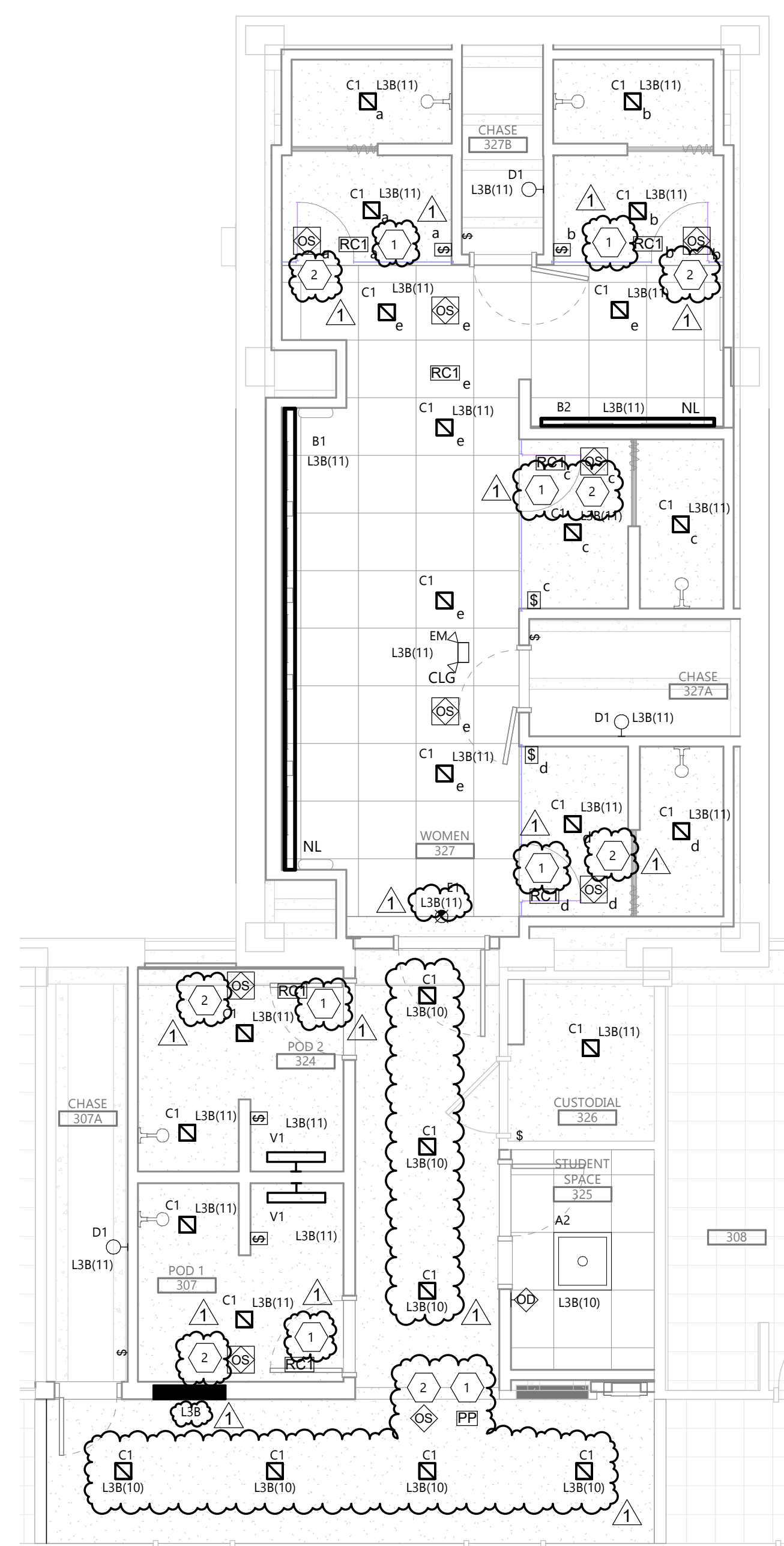


DRAWING TITLE
THIRD FLOOR LIGHTING PLAN

E303



2 THIRD FLOOR LIGHTING PLAN - MENS
E303 1/4" = 1'-0"



1 THIRD FLOOR LIGHTING PLAN - WOMENS
E303 1/4" = 1'-0"

KEYNOTE LEGEND:

- <<< INDICATES KEYNOTE ON PLAN
- 1. REINSTALL EXISTING EXIST SIGN. CONNECT TO LIGHTING CIRCUIT IN ROOM.



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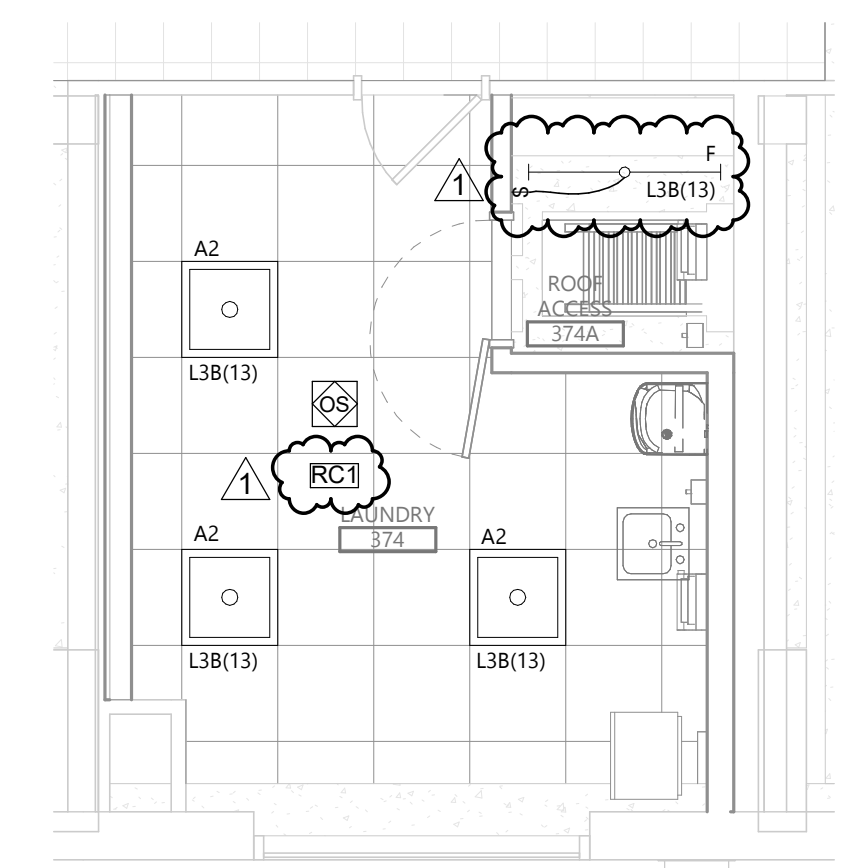
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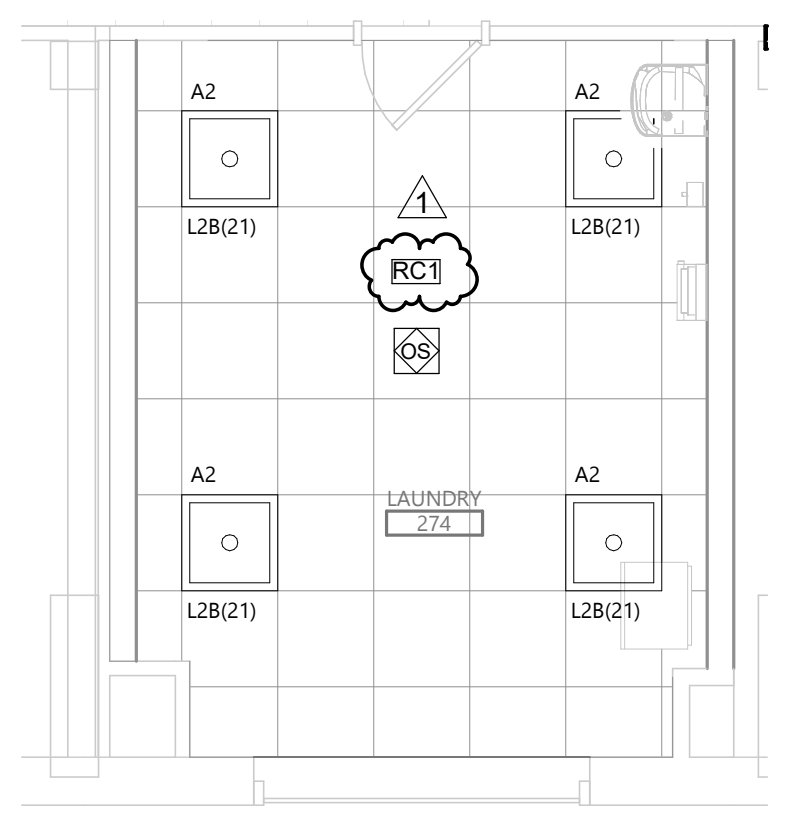
DRAWING TITLE
 LIGHTING PLAN - ADD ALTERNATIVES

E304

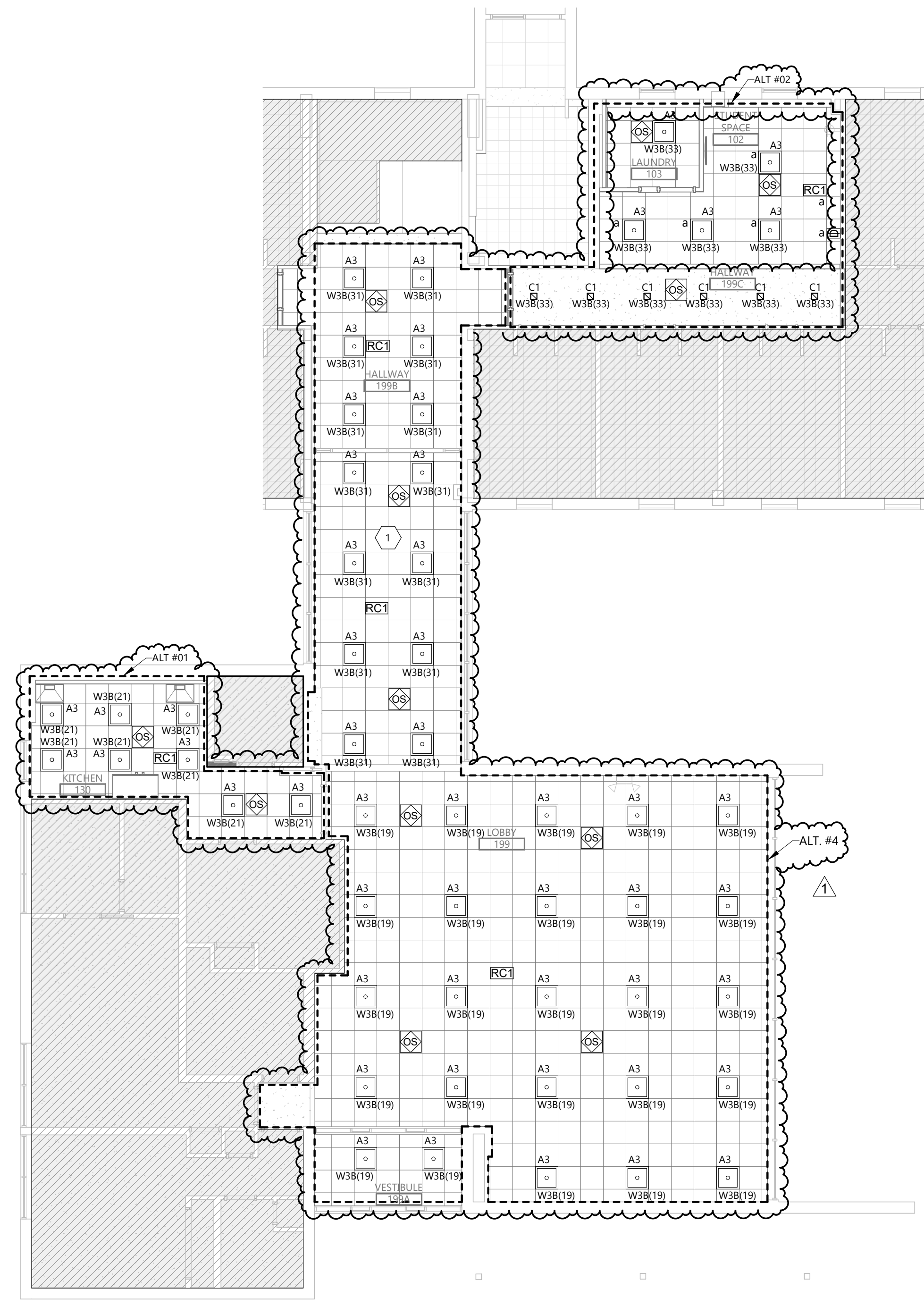
3 THIRD FLOOR LAUNDRY LIGHTING PLAN (ALT #3)
 E304 1/4" = 1'-0"



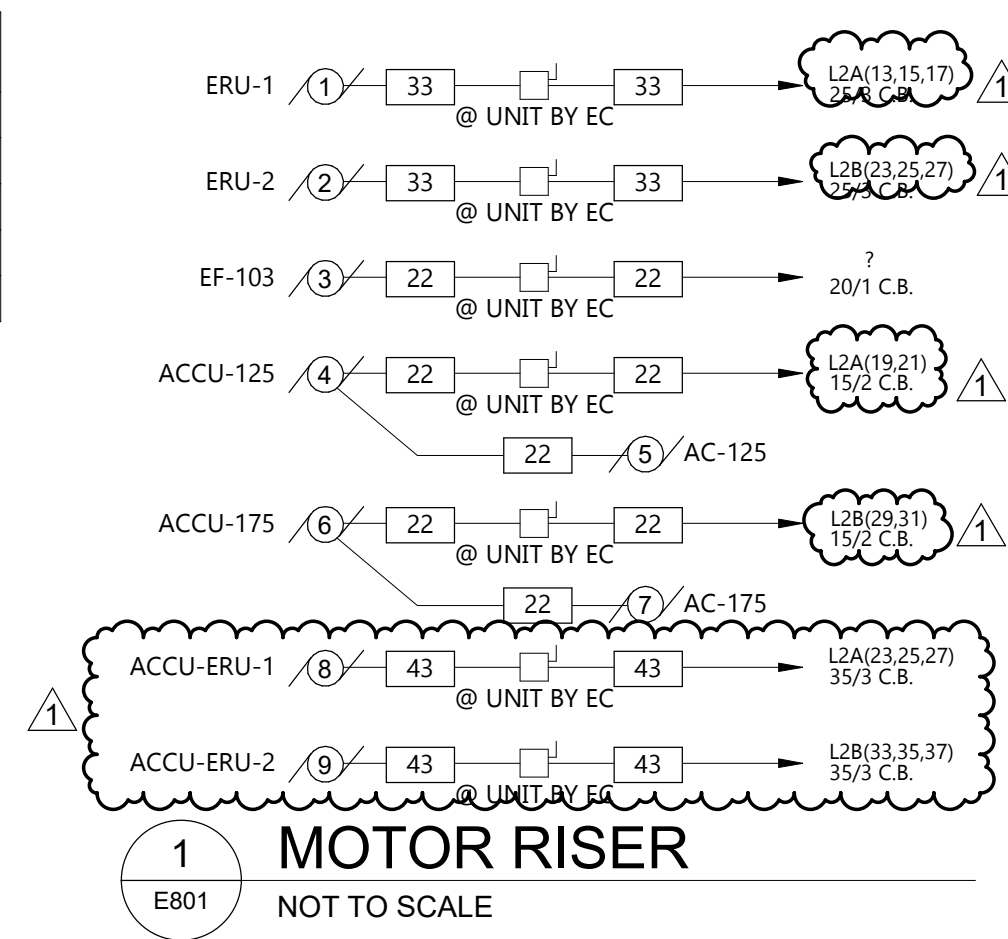
2 SECOND FLOOR LAUNDRY LIGHTING PLAN (ALT #3)
 E304 1/4" = 1'-0"



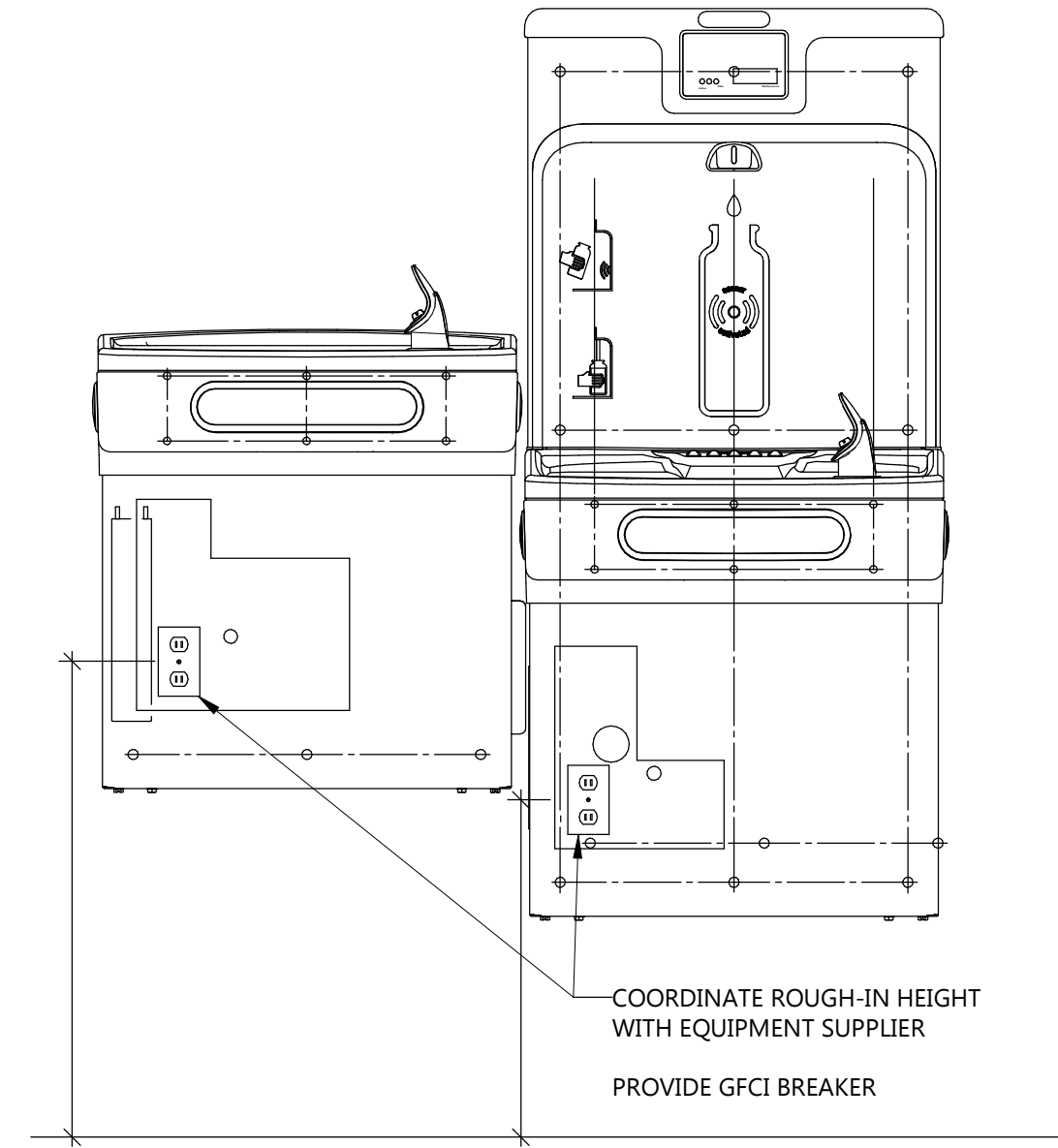
1 FIRST FLOOR LOBBY / STUDENT SPACE LIGHTING PLAN
 E304 1/8" = 1'-0"



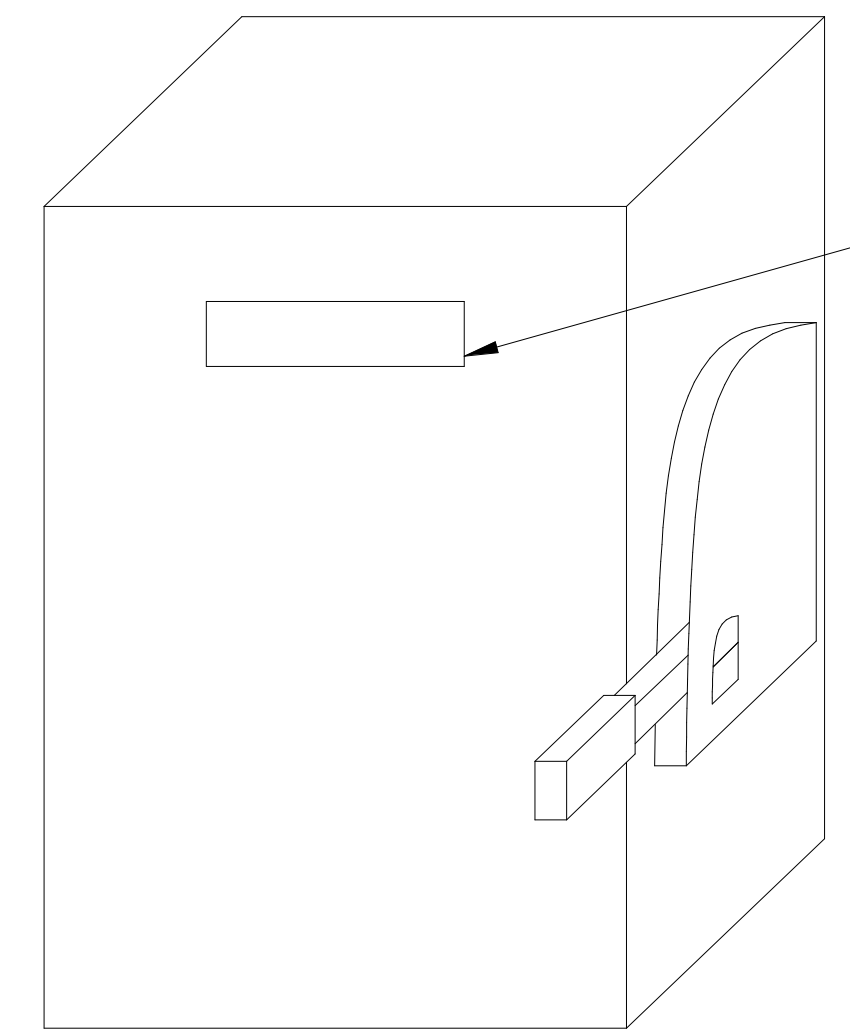
FEEDER SCHEDULE COPPER		
AMPACITY	FEEDER TAG	CONDUIT & THHN WIRE 75°C
20	22	3/4" C - 2 #12 & 1 #12 GND
30	33	3/4" C - 3 #10 & 1 #10 GND
40	43	1" C - 3 #8 & 1 #10 GND
100	104	1 1/2" C - 4 #2 & 1 #8 GND



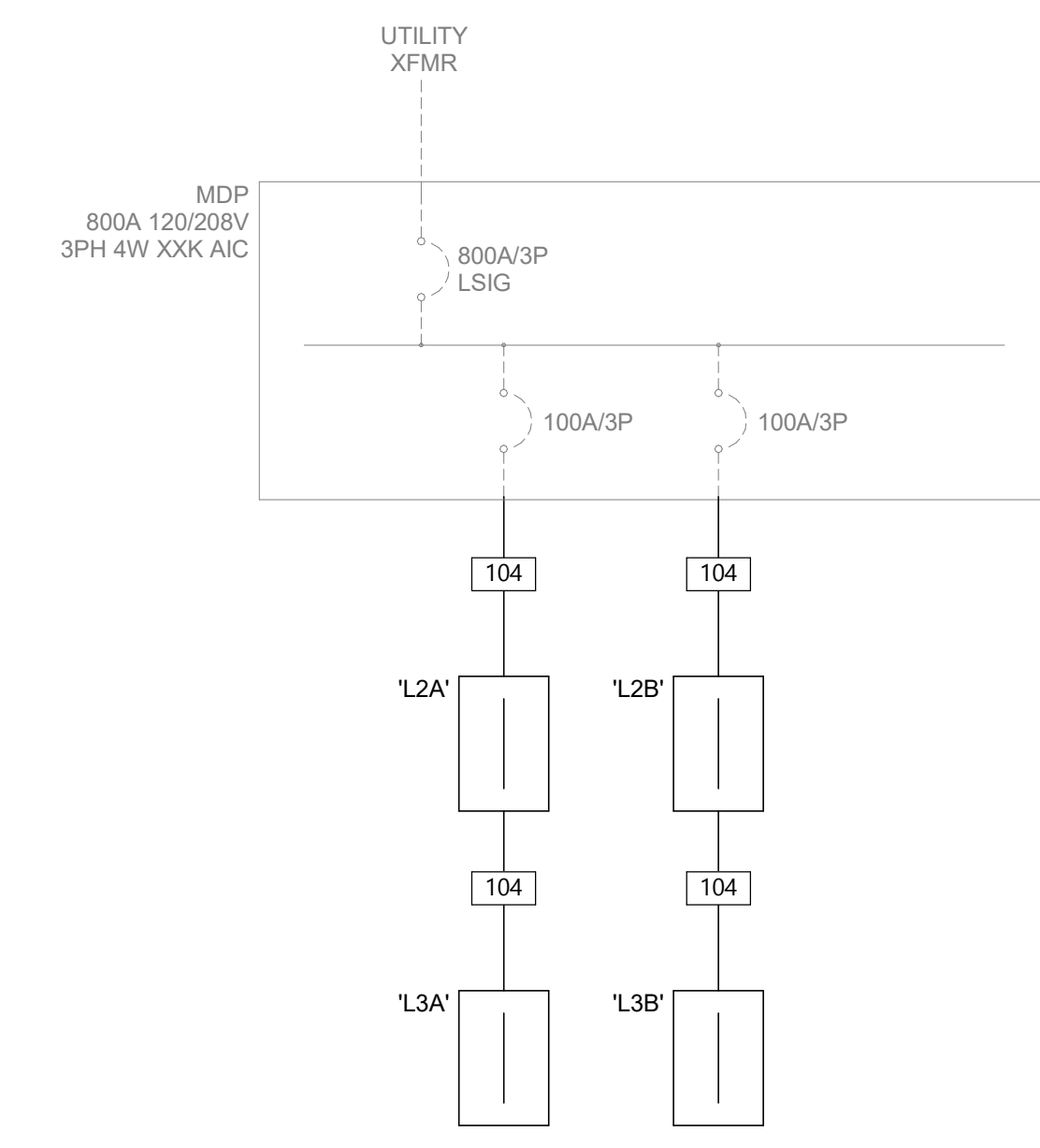
MOTOR AND EQUIPMENT SCHEDULE																					
DESCRIPTION	MOTOR #	FURN BY	LOCATION ROOM #	HP	KW	VCA	FLA	MDP	VOLTAGE	PH (Ø)	STARTER		CONTROL		POWER WIRING	INTERLOCKS		DISCONNECT			NOTES
											TYPE	SIZE	BY	WIRING		BY	TO	BY	TYPE	NEMA	
ERU-1	1	MC	EXTERIOR			19.35	18.01	25	208 V	3		MC		EC		EC		EC	30/NF/3	3R	
ERU-2	2	MC	EXTERIOR			19.35	18.01	25	208 V	3		MC		EC		EC		EC	30/NF/3	3R	
EF-103	3	MC	EXTERIOR						120 V	1		MC		EC		EC		EC	TOGGLE		
ACCU-125	4	MC	EXTERIOR			13.5	10.6	15	208 V	1		MC		EC		EC		EC	30/NF/2	3R	
AC-125	5	MC	RM 125						208 V	1		MC		EC		EC		EC			
ACCU-175	6	MC	EXTERIOR			13.5	10.6	15	208 V	1		MC		EC		EC		EC	30/NF/3	3R	
AC-175	7	MC	RM 175						208 V	1		MC		EC		EC		EC			
ACCU-ERU-1	8	MC	EXTERIOR			34.1		35	208 V	3		MC		EC		EC		EC	60/NF/3	3R	
ACCU-ERU-2	9	MC	EXTERIOR			34.1		35	208 V	3		MC		EC		EC		EC	60/NF/3	3R	



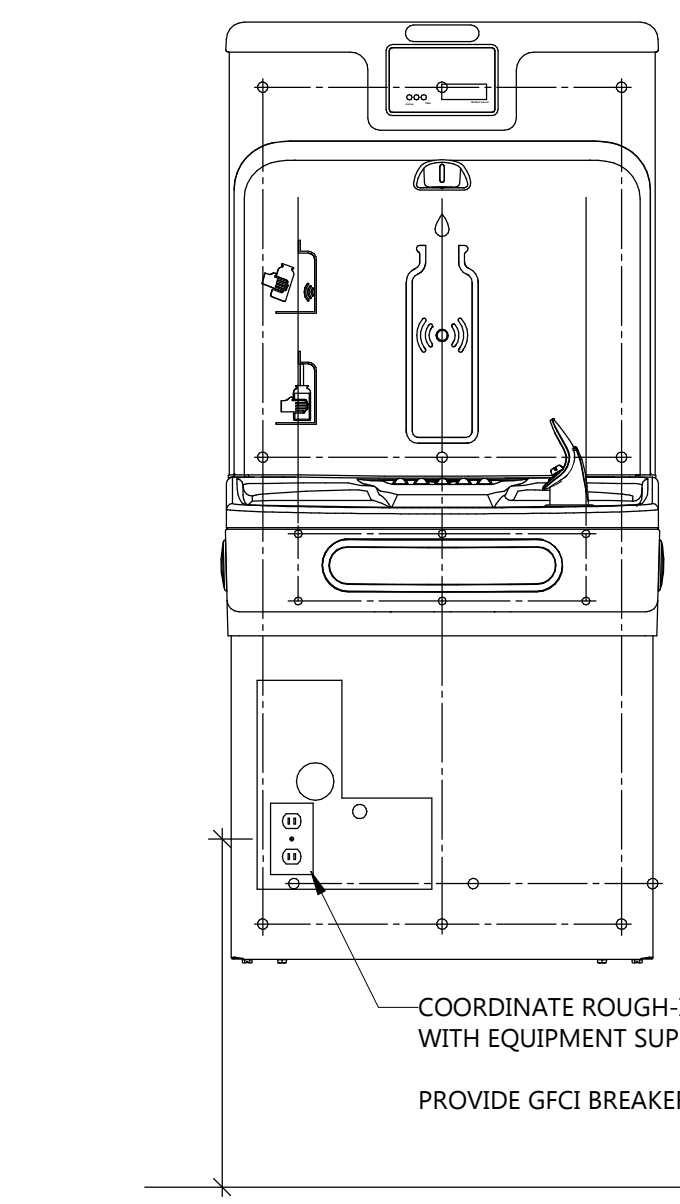
5 DUAL STATION EWC DETAIL
E801 NOT TO SCALE



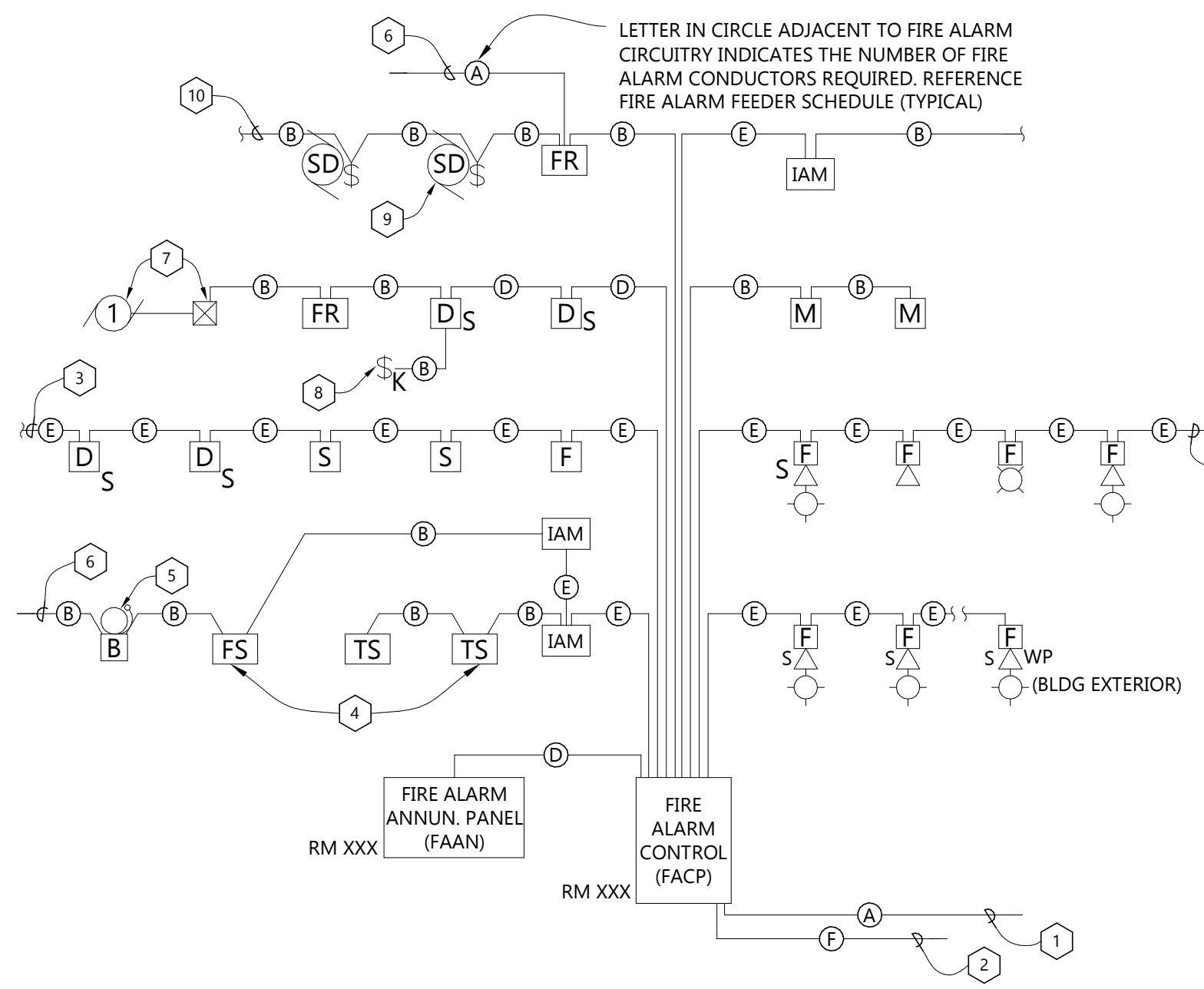
2 EQUIPMENT NAMEPLATE DETAIL
E801 NOT TO SCALE



6 PARTIAL ONE-LINE DIAGRAM
E801 NOT TO SCALE



4 SINGLE STATION EWC DETAIL
E801 NOT TO SCALE



3 TYPICAL ADDRESSIBLE FIRE ALARM RISER
E801 NOT TO SCALE

FIRE ALARM FEEDER SCHEDULE				
MARK	CONDUIT NO.	CONDUIT SIZE	CONDUCTORS PER CONDUIT	NOTES
(A)	1	1/2"	-	2#12 AWG
(B)	1	1/2"	2	-
(C)	1	1/2"	4	-
(D)	1	1/2"	2	1
(E)	1	1/2"	-	1
(F)	1	1/2"	-	(1)CATEGORY 5E UTP
(G)	1	3/4"	5	1
(H)	1	-	-	-
(J)	1	-	-	-
(K)	1	-	-	-

* COMMUNICATIONS CABLE TO BE 1-#18GA, TWISTED, SHIELDED PAIR. (WEST PENN #975 OR EQUAL)

GENERAL NOTE:
A. DETAIL SHALL BE USED FOR GENERAL WIRING DESIGN INTENT ONLY. VERIFY EXACT REQUIREMENTS AND COMPLY WITH MANUFACTURERS RECOMMENDATIONS FOR ACTUAL EQUIPMENT FURNISHED.

- REFERENCE NOTES:**
- TO DEDICATED 20/1 CIRCUIT BREAKER.
 - TO TELEPHONE DEMARK FOR REMOTE REPORTING.
 - TO NEXT DEVICE.
 - ELECTRICAL CONTRACTOR TO ALLOW IN BID TO WIRE ALL TAMPER AND FLOW SWITCHES FURNISHED AND INSTALLED BY THE SPRINKLER CONTRACTOR. VERIFY QUANTITY LOCATION AND EXACT REQUIREMENTS WITH SPRINKLER CONTRACTOR.
 - ELECTRICAL CONTRACTOR TO ALLOW IN BID TO WIRE SPRINKLER FLOW ALARM BELL FURNISHED AND INSTALLED ON BUILDING EXTERIOR BY SPRINKLER CONTRACTOR. PROVIDE LOW VOLTAGE TRANSFORMER (IF REQUIRED) AND EXTEND 120V POWER FROM NEAREST CONTINUOUS SOURCE.
 - TO NEAREST CONTINUOUS 120 VOLT SOURCE.
 - AIR HANDLING UNIT AND ASSOCIATED MOTOR CONTROLLER.
 - REMOTE DUCT SMOKE DETECTOR ALARM INDICATOR AND TEST SWITCH. VERIFY EXACT LOCATION WITH MECHANICAL EQUIPMENT PRIOR TO INSTALLATION.
 - SMOKE DAMPERS FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. WIRED BY ELECTRICAL CONTRACTOR. TRANSFORMER BY MC, ISOLATION SWITCH BY EC.
 - TO NEXT SMOKE DAMPER. DO NOT EXCEED (6) SMOKE DAMPERS PER RELAY.

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CLIENT
SOUTH DAKOTA STATE UNIVERSITY

PROJECT DESCRIPTION
SWN 0509, WANETA HALL RENOVATE RESTROOM (OSE# R0325--15X)

CITY BROOKINGS
STATE SD

ISSUE DATES

MARK	DESCRIPTION	DATE
1	ADDENDUM 1	03/21/2025
CD	100% CONSTRUCTION DOCUMENTS	03/13/2025

PROJECT NO: 20246780
DRAWN BY: PM
CHECKED BY: BW

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REGISTERED PROFESSIONAL ENGINEER
REG. NO. 1425
BRIAN WENTLAND
SOUTH DAKOTA
03/21/2025

DRAWING TITLE
MOTOR & EQUIPMENT SCHEDULE & RISER

E801

CLIENT
SOUTH DAKOTA STATE UNIVERSITY

PROJECT DESCRIPTION
SWN 0509, WANETA HALL RENOVATE RESTROOM (OSE# R0325--15X)

CITY **BROOKINGS**
STATE **SD**

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DRAWING TITLE
LIGHTING SCHEDULES & DETAILS

E802

LIGHTING CONTROL SCHEDULE

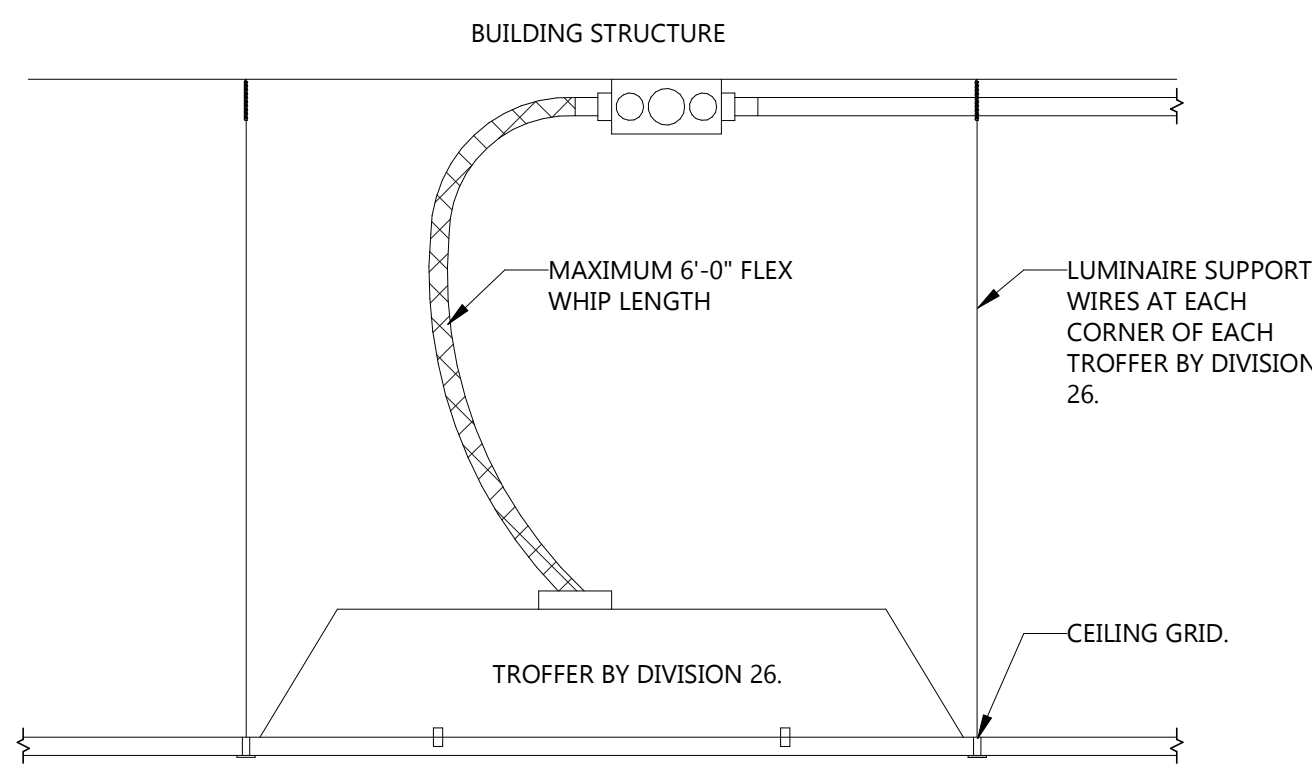
SYMBOL	MANUFACTURER	CATALOG NAME	MOUNTING			VOLTAGE		TYPE			NOTES	DESCRIPTION	
			WALL	CLING	ABV. CLG	LINE	LOW	OCCUPANCY	VACANCY	OTHER			
RC#	NLIGHT	NPP16 D			X	X					X	1	DIGITAL DIMMER ROOM CONTROLLER, # INDICATES NUMBER OF RELAYS (CAT6)
Ⓛ _V	SENSOR SWITCH	SPODM D	X				X				X	2	0-10V SWITCH, 2 BUTTON OPTION, NUMBER OF POLE OR MULTI-WAY SWITCHING TO BE DETERMINED BY MANUFACTURER.
Ⓛ _V	SENSOR SWITCH	SPODM	X				X				X	2	LOW VOLTAGE SWITCH, 2 BUTTON OPTION, NUMBER OF POLE OR MULTI-WAY SWITCHING TO BE DETERMINED BY MANUFACTURER.
Ⓢ	SENSOR SWITCH	CM PDT 9/10 R D		X			X	X				5	CEILING MOUNTED SENSOR, DUAL TECHNOLOGY, SMALL OR LARGE MOTION TO BE DETERMINED BY MANUFACTURER, LOW VOLTAGE RELAY, DIMMING OPTION
Ⓢ	SENSOR SWITCH	WSX PDT D	X				X		X				WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH INTEGRAL 0-10V DIMMING WITH ON/OFF BUTTON
Ⓢ	SENSOR SWITCH	WSX PDT	X				X		X				WALL MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH ON/OFF SWITCH
Ⓢ	NLIGHT	NPODMA	X				X						SWITCH SHALL BE MINIMUM TWO BUTTON FOR ON AND OFF UNLESS NOTED OTHERWISE ON THE DRAWINGS. CAT6 CONNECTION BETWEEN DEVICE AND POWER PACK.
Ⓢ	NLIGHT	NPODMA DX	X				X						DIMMER SWITCH SHALL BE MINIMUM ON/OFF BUTTON WITH SEPARATE BUTTONS FOR DIMMING UP AND DIMMING DOWN UNLESS NOTED OTHERWISE ON DRAWINGS. CAT 6 CONNECTION BETWEEN DEVICE AND POWER PACK
Ⓢ	NLIGHT	NCM PDT		X			X	X					CEILING MOUNTED DIGITAL DUAL TECHNOLOGY OCCUPANCY SENSOR (CAT6)
PP	SENSOR SWITCH	PP 20			X								NON-DIMMING POWER PACK
Ⓢ	LUTRON OR EQUAL	20A TOGGLE SWITCH	X									3	120/277V 20A TOGGLE SWITCH. MULTI-WAY SWITCHING TO BE DETERMINED BY THE ELECTRICAL CONTRACTOR FOR SPACE REQUIREMENTS.

GENERAL NOTES:
A. ALL SENSORS ARE SHOWN FOR CONTROL PURPOSE ONLY; ADDITIONAL DEVICE/POWER MAY BE REQUIRED FOR A COMPLEX SYSTEM. VERIFY REQUIRED DEVICES WITH SYSTEM PROVIDER AND INSTALL COMPLETE SYSTEM.
B. WIRE LIGHTING CONTROL COMPONENTS PER MANUFACTURERS INSTRUCTIONS.
C. APPROVED MANUFACTURERS: WATTSTOPPER, CRESTRON, ACUITY BRANDS.
D. SEE SPECIFICATION SECTION 262726 OR ON DRAWINGS SPECIFICATIONS FOR FACEPLATE AND DEVICE COLOR.
NOTES:
1. NUMBER REPRESENTS QUANTITY OF RELAYS PER DEVICE. SEE LIGHTING SHEETS FOR NUMBER OF RELAYS AND CONTROL ZONES. MULTI-RELAY ROOM CONTROLLERS MAY BE USED IN LIEU OF SINGLE RELAY ROOM CONTROLLERS.
2. SEE SWITCH DETAILS FOR MORE INFORMATION ON SPECIFIC TIMECLOCK SWITCHES/DIMMERS BUTTON LAYOUT AND ENGRAVING.
3. FOR USE AT BACK OF HOUSE, UNFINISHED SPACES, AND 120V 20A MOTOR DISCONNECTS SHALL BE STANDARD TOGGLE SWITCHES. SEE SPECIFICATION SECTION 262726 OR ON DRAWINGS SPECIFICATION FOR ADDITIONAL INFORMATION.
4. A LINE VOLTAGE DIMMER SHALL ONLY BE USED IN RESIDENTIAL INSTALLATIONS OR WHERE THE LUMINAIRE SUPPORTS ONLY LINE VOLTAGE DIMMING.
5. MANUFACTURER SHALL DETERMINE IF SENSOR SHALL COME WITH INTEGRAL PHOTOCELL IN LIEU OF STAND ALONG DEVICE AS NEEDED FOR DEVICE.

LUMINAIRE SCHEDULE

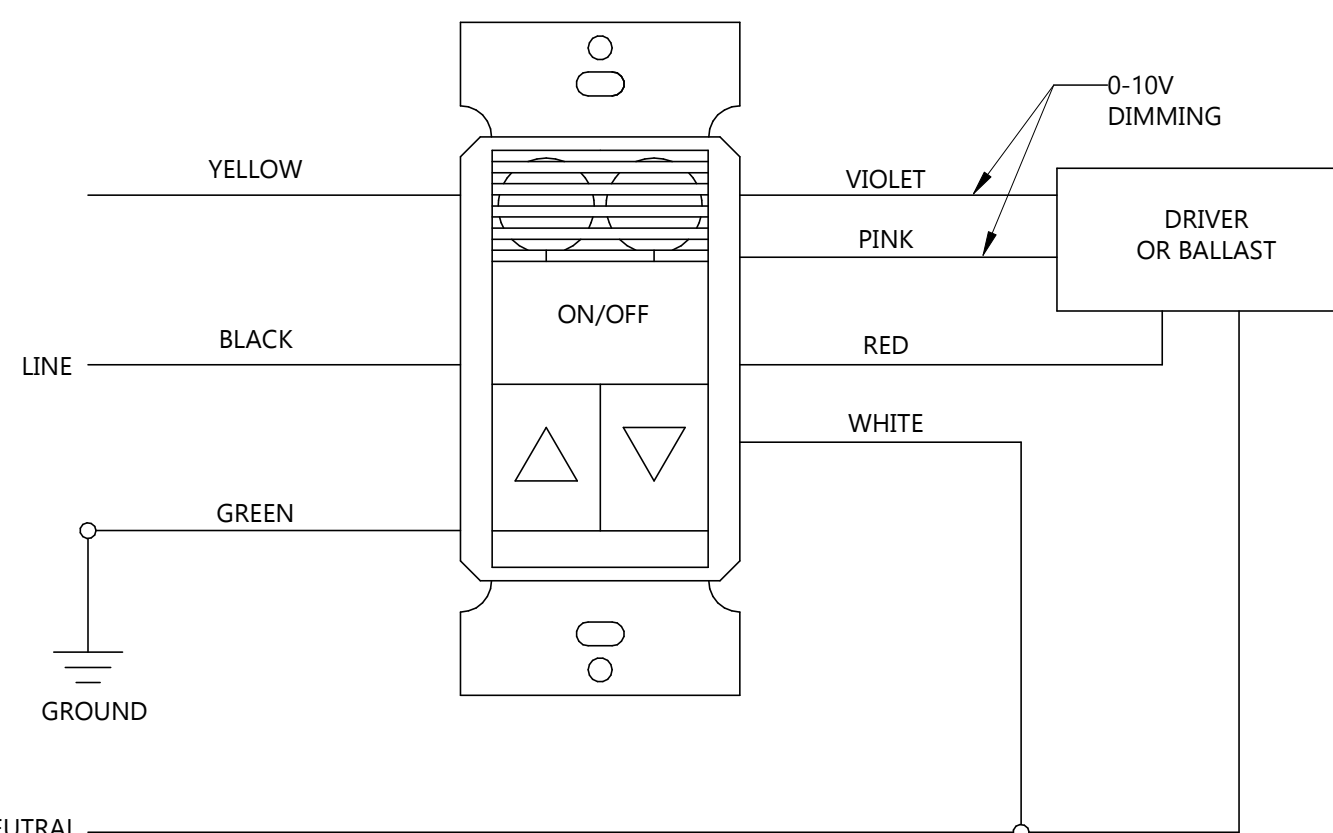
TYPE	MANUFACTURER	CATALOG NUMBER	LAMP	MOUNTING	LOCATION	VOLTAGE	CCT	LUMENS	WATTS	NOTES	DESCRIPTION
A2	LITHONIA	CPX-2X2-3200LM-80CRI-40K-SWL-MIN1-ZT-MVOLT	LED	RECESSED	CEILING	MVOLT	4000	3200	30		2X2 LED
A3	LITHONIA	CPX-2X2-2000LM-80CRI-40K-SWL-MIN1-ZT-MVOLT	LED	RECESSED	CEILING	MVOLT	4000	2000	16		2X2 LED
B1	FOCAL POINT	FSM2L-FL-250LF-40K-UNV-LD1-G1-16'	LED	RECESSED	CEILING	MVOLT	4000	250LM/FT	3W/FT		16' LINEAR LED
B2	FOCAL POINT	FSM2L-FL-250LF-40K-UNV-LD1-G1-6'	LED	RECESSED	CEILING	MVOLT	4000	250LM/FT	3W/FT		6' LINEAR LED
C1	SATCO	S11831	LED	RECESSED	CEILING	120	4000	1750	24		CANLESS 8" SQUARE LED DOWNLIGHT
D1	LITHONIA	TWR1-LED-SWW2-UVOLT-PE-DBBTXD	LED	WALL	WALL	MVOLT	4000	2300	16		SURFACE MOUNT LED
E1	LITHONIA	LQM-S-W-3-R-120/277-M6	LED	SURFACE	CEILING	120	--	--	5		EXIT SIGN W/ 90-MIN BATTERY BACKUP
EM	LITHONIA	ELM2L	LED	SURFACE	CEILING	120	--	--	5		SURFACE MOUNT EMERGENCY FIXTURE W/ 90-MIN BATTERY BACKUP
F	LITHONIA	ZL 1D	LED	SUSPENDED	CEILING	120	4000	4000	30		CHAIN SUSPENDED STRIP LIGHT WITH ROUND DIFFUSED LENS

NOTES:
1.



NOTE:
1. DO NOT LOOP FLEX WHIPS FIXTURE-TO- FIXTURE. PROVIDE JUNCTION BOX AS SHOWN.
2. FLEX WHIP SHALL NOT REST ON CEILING GRID. PROVIDE ADDITIONAL SUPPORTS AS NEEDED.

2 TROFFER INSTALLATION DETAIL
E802 NOT TO SCALE



NOTE: REQUIRES CLASS 1 WIRING FOR 0-10V DIMMING

1 DUAL TECH SENSOR SWITCH OD WIRING DETAIL
E802 NOT TO SCALE

EXISTING PANEL: W3B

LOCATION: KITCHEN 130
SUPPLY FROM:
MOUNTING: RECESSED
ENCLOSURE: TYPE 1

VOLTS: 120/208 Wye
PHASING: 3
WIRES: 4

A.I.C. RATING:
CALCULATED A.I.C.: MLO
MAINS TYPE: 225 A
MAINS RATING: 225 A
BUS RATING: 225 A

CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT
1	APARTMENT HEAT	30 A	1	1	0 VA	0 VA					APARTMENT HEAT	1
3	APARTMENTS A/C OUTLET	20 A	1	1							APARTMENTS A/C OUTLET	3
5	APARTMENT WASH MACHINE	20 A	1	1							APARTMENT WASH MACHINE	5
7	ROOM 136 HEAT	20 A	1	1	0 VA	0 VA					ROOM 136 HEAT	7
9	BATH & KITCHEN HEAT	20 A	2	1							BATH & KITCHEN HEAT	9
11	APARTMENT 120 HEATER	30 A	2	1	0 VA	180 VA					APARTMENT 120 HEATER	11
13	KITCHEN RCPT	20 A	1	1							KITCHEN RCPT	13
15	KITCHEN LIGHTING	20 A	1	1	1150 VA	0 VA					KITCHEN LIGHTING	15
17	LOBBY LIGHTING	20 A	1	1		368 VA	0 VA				LOBBY LIGHTING	17
19	RCPT: KITCHEN GFCI	20 A	1	1			560 VA	0 VA			RCPT: KITCHEN GFCI	19
21	ROOM 130 N HALL RCPT	20 A	1	1	0 VA	0 VA					ROOM 130 N HALL RCPT	21
23	ROOMS 129, 136, APTMNT RCPT	20 A	1	1							ROOMS 129, 136, APTMNT RCPT	23
25	ROOMS 129, RCPT	20 A	1	1							ROOMS 129, RCPT	25
27	LIGHTING LOBBY NORTH	20 A	1	1	644 VA	0 VA					LIGHTING LOBBY NORTH	27
29	LIGHTING	20 A	1	1		230 VA	0 VA				LIGHTING	29
31	SPARE	20 A	1	1							SPARE	31
33	APARTMENT KITCHEN	20 A	1	1	0 VA	0 VA					APARTMENT KITCHEN	33
35	APARTMENT RANGE	50 A	2	1							APARTMENT RANGE	35
37	APARTMENT KITCHEN	50 A	2	1							APARTMENT KITCHEN	37
39	APARTMENT RANGE	50 A	2	1							APARTMENT RANGE	39
41												41
CONNECTED LOAD:					1974 VA	598 VA	560 VA					
EXISTING LOAD:					0 VA	0 VA	0 VA					
TOTAL LOAD:					1974 VA	598 VA	560 VA					
FEED THRU AMPS:					0 A	0 A	0 A					
TOTAL AMPS:					16 A	5 A	5 A					
CODES:												
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE					11	LSI TRIP UNIT			
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD					12	PROVIDE LOCK ON DEVICE			
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER					13	AFCI BREAKER			
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER									
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER									
LOAD CLASSIFICATION					CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS				
Lighting					2392 VA	125.00%	2990 VA					
Other					0 VA	0.00%	0 VA	TOTAL CONN. LOAD: 3132 VA				
Power					200 VA	100.00%	200 VA	TOTAL EST. DEMAND: 3730 VA				
Receptacle					540 VA	100.00%	540 VA	TOTAL CONN.: 9 A				
								TOTAL EST. DEMAND: 10 A				
NOTES:												

REVISED PANEL: W4A

LOCATION: EX. DATA 175
SUPPLY FROM:
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

VOLTS: 120/208 Wye
PHASING: 3
WIRES: 4

A.I.C. RATING:
CALCULATED A.I.C.: MLO
MAINS TYPE: 225 A
MAINS RATING: 225 A
BUS RATING: 225 A

CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT
1	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	1
3	EXISTING	20 A	1	1							EXISTING	3
5	EXISTING	20 A	1	1							EXISTING	5
7	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	7
9	EXISTING	20 A	1	1							EXISTING	9
11	EXISTING	20 A	1	1							EXISTING	11
13	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	13
15	EXISTING	20 A	1	1							EXISTING	15
17	EXISTING	20 A	1	1							EXISTING	17
19	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	19
21	EXISTING	20 A	1	1							EXISTING	21
23	EXISTING	20 A	1	1							EXISTING	23
25	EXISTING	20 A	1	1	0 VA	540 VA					EXISTING	25
27	EXISTING	20 A	1	1							EXISTING	27
29	EXISTING	20 A	1	1							EXISTING	29
31	EXISTING	20 A	1	1	210 VA	500 VA					EXISTING	31
33	EXISTING	20 A	1	1							EXISTING	33
35	EXISTING	20 A	1	1							EXISTING	35
39	EXISTING	20 A	1	1							EXISTING	39
41	EXISTING	20 A	1	1							EXISTING	41
CONNECTED LOAD:					1429 VA	3260 VA	3220 VA					
EXISTING LOAD:					0 VA	0 VA	0 VA					
TOTAL LOAD:					1429 VA	3260 VA	3220 VA					
FEED THRU AMPS:					0 A	0 A	0 A					
TOTAL AMPS:					12 A	29 A	29 A					
CODES:												
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE					11	LSI TRIP UNIT			
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD					12	PROVIDE LOCK ON DEVICE			
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER					13	AFCI BREAKER			
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER									
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER									
LOAD CLASSIFICATION					CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS				
Lighting					45 VA	125.00%	56 VA					
Lighting - Dwelling Unit					82 VA	100.00%	82 VA	TOTAL CONN. LOAD: 7909 VA				
Other					86 VA	100.00%	86 VA	TOTAL EST. DEMAND: 7920 VA				
Power					5000 VA	100.00%	5000 VA	TOTAL CONN.: 22 A				
Receptacle					2700 VA	100.00%	2700 VA	TOTAL EST. DEMAND: 22 A				
NOTES:												

REVISED PANEL: W10A

LOCATION: EX. DATA 125
SUPPLY FROM:
MOUNTING: Surface
ENCLOSURE: Type 1

VOLTS: 120/208 Wye
PHASING: 3
WIRES: 4

A.I.C. RATING:
CALCULATED A.I.C.: MLO
MAINS TYPE: 225 A
MAINS RATING: 225 A
BUS RATING: 225 A

CKT	CIRCUIT DESCRIPTION	CODES	TRIP	POLES	A	B	C	POLES	TRIP	CODES	CIRCUIT DESCRIPTION	CKT
1	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	1
3	EXISTING	20 A	1	1							EXISTING	3
5	EXISTING	20 A	1	1							EXISTING	5
7	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	7
9	EXISTING	20 A	1	1							EXISTING	9
11	EXISTING	20 A	1	1							EXISTING	11
13	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	13
15	EXISTING	20 A	1	1							EXISTING	15
17	EXISTING	20 A	1	1							EXISTING	17
19	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	19
21	EXISTING	20 A	1	1							EXISTING	21
23	EXISTING	20 A	1	1							EXISTING	23
25	EXISTING	20 A	1	1	0 VA	0 VA					EXISTING	25
27	EXISTING	20 A	1	1							EXISTING	27
29	RCPT: SHORT SINK GFCI	20 A	1	1			360 VA	--	--	--	RCPT: SHORT SINK GFCI	29
31	RCPT: LONG SINK GFCI	20 A	1	1	540 VA	0 VA					RCPT: LONG SINK GFCI	31
33	RESTROOM HAND DRYER A	20 A	1	1		500 VA	0 VA				RESTROOM HAND DRYER A	33
35	RESTROOM HAND DRYER B	20 A	1	1			500 VA	0 VA			RESTROOM HAND DRYER B	35
37	POD ADA HAND DRYER	20 A	1	1	500 VA	210 VA					POD ADA HAND DRYER	37
39	RCPT: PODS	20 A	1	1		540 VA	500 VA				RCPT: PODS	39
41	RCPT: FOUNTAIN	20 A	1	1			180 VA	180 VA			RCPT: FOUNTAIN	41
CONNECTED LOAD:					1249 VA	1540 VA	1220 VA					
EXISTING LOAD:					0 VA	0 VA	0 VA					
TOTAL LOAD:					1249 VA	1540 VA	1220 VA					
FEED THRU AMPS:					0 A	0 A	0 A					
TOTAL AMPS:					10 A	13 A	10 A					
CODES:												
1	SEE DRAWINGS FOR CONDUIT & CONDUCTORS	6	EXISTING BREAKER ON, VERIFY SPARE					11	LSI TRIP UNIT			
2	EXISTING BREAKER AND LOAD TO REMAIN	7	NEW BREAKER AND LOAD					12	PROVIDE LOCK ON DEVICE			
3	EXISTING BREAKER AND NEW LOAD	8	GFCI BREAKER					13	AFCI BREAKER			
4	EXISTING BREAKER TO BECOME SPARE	9	DEDICATED BREAKER									
5	EXISTING BREAKER OFF, VERIFY SPARE	10	HANDLE TIED BREAKER									
LOAD CLASSIFICATION					CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS				
Lighting					45 VA	125.00%	56 VA					
Lighting - Dwelling Unit					82 VA	100.00%	82 VA	TOTAL CONN. LOAD: 4009 VA				
Other					86 VA	100.00%	86 VA	TOTAL EST. DEMAND: 4020 VA				
Power					2000 VA	100.00%	2000 VA	TOTAL CONN.: 11 A				
Receptacle					1800 VA	100.00%	1800 VA	TOTAL EST. DEMAND: 11 A				
NOTES:												



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SCHEDULES

E902